



July 7, 2021
Kleinfelder Project No. 20210301.001A

Daniel Beers
Director of Design & Construction
City of Ontario
1333 S. Bon View Avenue
Ontario, CA 91761

**SUBJECT: Summary Report for Construction Observation and
Special Inspection Services
Anthony Munoz Community Center (Rehability and Park Project)
City of Ontario Project No. PS 1314-2
Ontario, California**

Dear Mr. Beers:

This letter summarizes Kleinfelder's construction observation and testing services for the new Anthony Munoz Community Center located in Ontario, California. Our services consisted of: 1) geotechnical observation and compaction testing services during earthwork activities and construction for the community center and pool house; 2) construction special inspection for anchors, welding, high strength bolt connection, rebar installation, concrete placement, and reinforced masonry installation; and 3) laboratory testing for the soil, asphalt concrete (AC), Portland cement concrete (PCC), and grout materials. Our services were performed on an as-requested basis between April 2020 and April 2021 in general conformance with the California Building Code (CBC), the approved construction documents, and our proposal dated April 3, 2020.

PROJECT BACKGROUND

The project consisted of onsite demolition and removal of surface vegetation and vehicular paved road section followed by site grading and constructing a 13,700 square feet single story structure, new swimming pool, and related site improvements on a 3.5-acre lot, located at 1240 West 4th Street in the City of Ontario, California. Onsite improvements consisted of installation of underground storage tanks, pedestrian lighting, public seating areas and pedestrian walkways, new vehicular parking lot, construction of an inground pool, pool house, and the community center.

The general contractor for the project was Hamel Construction. A summary of the construction work observed by Kleinfelder includes the following items:

- Demolishing the existing pavement and site landscape;
- Installing underground storage tank (UST);
- Grading for the rehabilitation center, pool house pads and site pavement;

- Excavating utility trenches to the planned elevations;
- Installing new utilities (water, electrical, storm drain and grease interceptor);
- Backfilling utility trenches with compacted fill;
- Preparing the subgrade for pavement;
- Constructing the new community center and pool house;
- Paving the driveway and parking areas; and
- Constructing new curb and gutter.

Kleinfelder's soil technician and/or special inspector were on-site as requested to observe and test the earthwork and construction materials for conformance with the project improvement plans.

GEOTECHNICAL OBSERVATION AND TESTING

A Kleinfelder soil technician working under the supervision of a geotechnical engineer performed observation and compaction testing services during the site preparation, foundation excavation, utilities backfill activities, and paving operations. Daily field reports (DFRs) were provided by our soil technician to the Hamel Construction onsite representative upon completion. DFRs are provided in Appendix A.

Site Preparation

The site preparation for the new community center and pool house structures consisted of excavation and removal of dry, loose, soft, and organic soils; landscape vegetation and existing onsite asphalt and Portland cement roadway sections; remediation of unsuitable onsite soils and placement of approved imported soils. After the removal of unsuitable soils, the exposed surface was probed using a 3/8-inch diameter probe and/or proof rolled to locate loose, soft, or yielding areas at the over-excavation bottoms prior to moisture conditioning and placing engineered fill. In-place density tests performed at the bottoms indicated that the areas were generally compacted to at least 90 percent of the laboratory maximum density (ASTM D1557). Suitable onsite and import soils were placed as engineered fill in approximate 8-inch loose lifts, moisture conditioned and compacted using onsite construction equipment. Results of field in-place density and moisture content tests are presented in the attached Table 1.

Foundation Excavations

The foundations for the community center and pool house were excavated to the depth and dimension shown in the project plan. The depth of foundation excavation was as recommended in the geotechnical report. Observations were made and probing was performed to check for the presence of loose and excessively soft materials or other unsuitable materials within the footing excavations. Loose or soft soils were removed prior to the placement of structural concrete.

Utility Trenches

In general, the utility trenches were extended to depths to approximately 4 feet below the finished grade. Imported sand, rock and slurry was used as bedding and shading for the utilities. In general, the trench backfill was placed in approximate 8-inch-thick loose lifts. The backfill was compacted to at least 90 percent relative compaction based on laboratory-determined maximum

dry unit weights (ASTM D1557). The utility trench was capped with crushed aggregate base within areas of new pavement sections and compacted to at least 95 percent relative compaction. Compaction was performed with either a hand-held rammer or small steel drum roller for shallow areas. Results of field in-place density and moisture content tests are presented in the attached Table 1.

Aggregate Base Placement

Following subgrade preparation, Class 2 Aggregate Base (AB) was placed as base material, moisture conditioned, and compacted to at least 95 percent of the maximum dry density (ASTM D1557). The AB material satisfied the quality requirements of Section 26 of the 2010 Caltrans Standard Specification and was supplied by the North American Recycling & Crushing from their Ontario, CA plant. The AB material was used as a base course beneath the new pavement sections, curb, and gutter. Depending on the location, the total thickness of the base layer varied between 4 and 6 inches as shown in the plans.

The aggregate base consisted of imported material and was placed utilizing proper construction equipment. Following placement to approximate finish elevations, the materials were moisture conditioned and compacted using steel drum rollers. Placement observations and in-place density and moisture content determinations were performed periodically during construction activities in general accordance with ASTM D6938 (Standard Test Methods for In-place Density and Water Content of Soil and Soil Aggregate by Nuclear Methods). The density test locations were selected at random location and under the direction of the City of Ontario onsite representatives. Our results of field density and moisture content tests are presented in the attached Table 1.

Asphalt Concrete Placement

The ½-inch PG 70-10 hot mix asphalt (HMA) was placed for the asphalt concrete (AC) pavement of the parking lot. The HMA was supplied by Holiday Rock from their Upland, CA plant. The thickness of the AC section was 3 inches and placed in one lift using a paving machine and was compacted with smooth-steel vibratory rollers. Our field personnel observed and monitored the temperature of hot mix asphalt during placement. The nuclear gauge method was used to evaluate the in-place pavement density in general accordance with ASTM D2950. The AC was compacted to at least 95 percent of the laboratory Hveem method maximum unit weight.

The finish surface of the offsite travelled way within the limits of the storm drain trench construction activities was paved using a ¾-inch Type B asphalt concrete with PG 70-10 binder. During paving operations, Kleinfelder personnel observed the placement of the asphalt concrete. Our onsite representative monitored the asphalt temperatures, rolling patterns and performed in-place density testing.

A composite sample of bituminous material was collected for laboratory testing. The asphalt concrete was tested in our laboratory for Hveem method "Laboratory Test Maximum Density" (LTMD), stability (S-value), binder content and gradation. The results of laboratory stability value, binder content, and aggregate grading are included in the attached Appendix C (Hot Mixed Asphalt Hveem Method Test Results). During construction activities, in-place density testing was performed utilizing nuclear gauge test methods in general accordance with ASTM D2950 (Standard Test Method for Density of Bituminous Concrete in Place by Nuclear Methods). Our field density test results were reported to representatives from the City of Ontario and are included in the attached Table 2.

Field Density and Laboratory Testing

Field density testing for soil and aggregate base was performed in general accordance with ASTM test procedures D6938 (In-place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods [Shallow Depth]). The in-place density of the AC material was evaluated in general accordance with ASTM D2950 (Density of Bituminous Concrete in Place by Nuclear Method). The results of the in-place density tests are summarized in Table 1 for soils and aggregate base rock and Table 2 for AC pavement within the site construction limits. The approximate test locations were plotted and included with daily field reports. Appendix A includes copies of daily reports for the project.

Laboratory test results for soil are provided in Appendix B and for AC in Appendix C. Laboratory tests for soil included maximum unit weights and optimum moisture (ASTM D1557), organic content (ASTM D2974), Atterberg Limits (ASTM D4318), Expansion Index (ASTM D4829), gradation (ASTM D6913), and sand equivalent (Caltrans Test Method 217). Laboratory test for AC included AC binder content by extraction (ASTM D2172), gradation of the extracted aggregates (ASTM D5444), stability (Caltrans Test Method 366), theoretical maximum specific gravity (Caltrans Test Method 309), and Hveem laboratory density (Caltrans Test Method 304).

CONSTRUCTION MATERIALS TESTING AND INSPECTION

Structural Concrete

During construction of the foundations and slabs on grade, a Kleinfelder special inspector was present to observe rebar placement and structural concrete placement for compliance with the approved project plans and the California Building Code. The inspector verified the rebar installation for total amount, size, spacing, and clearance. The inspector also performed concrete sampling and testing during concrete placement.

The concrete was supplied by various local vendors. Samples of concrete were cast into a set of 6x12 cylinders and were secured to Kleinfelder's laboratory for compressive strength testing at the age of 7 and 28 days. Laboratory testing was performed in general accordance with ASTM C39. In general, the compressive strength test results indicated that the concrete samples exceeded the minimum compressive strength requirement of 4,000 pound per square inch (psi) at 28 days for structural concrete and 3,000 psi at 28 days for curb and gutter. A summary of laboratory compressive test results is provided in Table 3 and the test results are provided in Appendix D.

Reinforced Concrete Unit Masonry (CMU)

During installation, a Kleinfelder special inspector was present to observe reinforced masonry construction for compliance with the approved project plans and the California Building Code. The inspector observed the type of CMU, the contractor's plumb and level lines, rebar size, rebar spacing, mortar mix, mortar application, and grout application. A set of CMU prism was cast for compressive strength testing. Mortar Type S samples were cast into a set of 2x4 cylinders in general accordance with ASTM C780. During the grouting event, the inspector observed grout placement, performed sampling, and cast grout samples into a set of vertical columns with square cross section of 3 inches on each side and at least 6 inches in height in general accordance with ASTM C1019. Cylinders and column samples were transported to Kleinfelder's laboratory for compressive strength testing.

In the laboratory, the prism sample had a compressive strength (f'_c) of at least 1,500 psi, the tested grout samples had a compressive strength (f'_c) of at least 3,000 psi at 28 days. The tested mortar samples had a compressive strength (f'_c) of at least 1,800 psi at 28 days. A summary of laboratory compressive test results is provided in Table 3 and the test results are provided in Appendix D.

Field Welding, High-Strength Bolting, Non-Shrink Grout, and Anchors

A Kleinfelder special inspector having International Code Council (ICC) certification for structural steel, welding, and bolting or Certified Welding Inspector (CWI) was present to observe onsite welding and high strength structural bolt installation during the construction of the new community center. The inspector observed the welding procedure, verified the welder qualification, and evaluated the welding dimensions and quality. Each weld at the selected connections was visually acceptable. During the high strength bolt installations, our inspector observed the type of the bolt and nut, verified the size, and torque-tested the nuts.

The special inspector was present during the placement of non-shrink grout for the base plates. The inspector verified the non-shrink grout mixture, observed the placement, sampled the grout mix, and cast the sample into a set of 2x2 cubes. The cube samples were transported to Kleinfelder's laboratory for compressive strength testing.

During the installation of epoxy anchors, our special inspector verified the depth and diameter of the hole, the cleanliness of the hole, the type of epoxy and anchor, and the contractor installation procedure. During the post-installed anchors, our special inspector verified the depth and diameter of the hole, the cleanliness of the hole, the type, diameter, and length of the anchor, and the torque capacity of the anchor.

CONCLUSIONS

Based on Kleinfelder's field observation and testing, performed during the construction of the Anthony Munoz Community Center as documented in Daily Field Reports (DFRs), was, to the best of our inspectors' knowledge, completed in general conformance with the approved plans, specifications, and the California Building Code.

LIMITATIONS

The presence of our field representatives at the site was to provide the City of Ontario a source of professional advice, opinions as to the contractor's compliance with the project specifications, and recommendations based upon our observations of the contractor's work. Kleinfelder's conclusions are limited to those conditions actually observed. The term "observation" implies that we observed the progress of the work, which was within our scope of services. Our special inspections services have been completed within the responsibilities and legal protection of an agency deputy inspector, as defined in Chapter 17 of the California Building Code.

The presence of our field representative does not constitute nor implied that Kleinfelder provided any direction, supervision, grade checking, or layout of the work of the contractor. Our services were not intended to, and therefore did not include an evaluation of the safety practices of the contractor or his workmen. The contractor was solely responsible for achieving these items. The scope of our services also did not include any environmental site assessment for the presence or absence of hazardous/toxic materials in the soil, surface water, groundwater or atmosphere.

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

This report may be used only by the Client and the registered design professional in responsible charge and only for the purposes stated for this specific engagement within a reasonable time from its issuance, but in no event later than one year from the date of the report.

Test results and observations reported are those existing at the time of our services and may not be the same or comparable at other times. As our client, please recognize that construction monitoring is a technique employed to reduce risk of problems arising during construction. Provision of construction monitoring by Kleinfelder personnel is not insurance, nor does it guarantee construction of any type. Even with diligent monitoring, some construction defects may have been missed. In all cases, the contractor shall retain sole responsibility for the deficiencies or omissions, regardless of when they are found. We do not undertake the guarantee of construction or production of a completed project conforming to the project plans and specifications.

CLOSURE

We appreciate the opportunity to be of continued service to you on this project. If you have questions, please contact the undersigned at (951) 801-3681, or Dany Hanna, Client Account Manager for the City of Ontario at (480) 650-4905.

Respectfully submitted,

KLEINFELDER, INC.



James Stiadly, PhD, PE, GE
Senior Materials Engineer



Rick Bell
Project Manager

Attachments:

Table 1 – Soil In-place Density Test Summary
Table 2 – AC In-place Density Test Summary
Table 3 – Compressive Strength Test Summary
Appendix A – Daily Field Reports
Appendix B – Soil Laboratory Test Results
Appendix C – AC Laboratory Test Results
Appendix D – Compressive Strength Results

Table 1 – Soil In-Place Density Test Summary

Table 1. Soil In-place Density Summary

Density Tests for 20210301.001A from 1/16/2020 to 2/15/2021
Report Date/Time: 2/15/2021 11:01:54 AM

Test Info							Proctor Data			Specs			Results				
Sample No.	Inspector	Date	General Location (summary)	Test Location	Elevation/ Depth	Retest No.	Proctor Number	Max. Density (pcf)	Opt. Water Content (%)	Specified Min. Compaction (%)	Specified MIN Water Content (%)	Specified MAX Water Content (%)	Wet Density (pcf)	Dry Density (pcf)	Water Content (%)	Rel. Compaction (%)	Pass/ Fail
1	SM	20200518	Community center building over-ex (bottom)	North section	1085.6	N/A	20-ONT-00520	129.5	7.9	90	-3	+3	126.7	116.8	8.5	90.2	Pass
2	SM	20200518	Community center building over-ex (bottom)	North section	1085.6	N/A	20-ONT-00520	129.5	7.9	90	-3	+3	126.5	118	7.2	91.1	Pass
3	SM	20200518	Community center building over-ex (bottom)	Middle section	1085.6	N/A	20-ONT-00520	129.5	7.9	90	-3	+3	131.0	120.4	8.8	93	Pass
4	SM	20200518	Community center building over-ex (bottom)	Middle section	1085.6	N/A	20-ONT-00520	129.5	7.9	90	-3	+3	124.2	116.6	6.5	90	Pass
5	SM	20200518	Community center building over-ex (bottom)	South section	1085.6	N/A	20-ONT-00520	129.5	7.9	90	-3	+3	132.8	121.2	9.6	93.6	Pass
6	SM	20200518	Community center building over-ex (bottom)	South section	1085.6	N/A	20-ONT-00520	129.5	7.9	90	-3	+3	127.7	118.1	8.1	91.2	Pass
7	SM	20200519	Community center building over-ex/pool over-ex	West section		N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	129.3	117.4	10.1	91	Pass
8	SM	20200519	Community center building over-ex/pool over-ex	West section		N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	129.1	119	8.5	92.2	Pass
9	SM	20200519	Community center building over-ex/pool over-ex	Pool bottom	1081.60	N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	129.9	120.6	7.7	93.5	Pass
10	SM	20200519	Community center building over-ex/pool over-ex	Pool bottom	1081.60	N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	129.3	117.4	10.1	91	Pass
11	SM	20200519	Community center building over-ex/pool over-ex	Pool bottom	1081.60	N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	128.6	116.4	10.5	90.2	Pass
12	SM	20200519	Community center building over-ex/pool over-ex	Pool	1083	N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	128.1	117.2	9.3	90.9	Pass
13	SM	20200519	Community center building over-ex/pool over-ex	Pool	1083	N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	124.5	116.5	6.9	90.3	Pass
14	SM	20200520	Parking lot bottom over-ex	Parking lot bottom		N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	127.2	118.2	7.6	91.6	Pass
15	SM	20200520	Parking lot bottom over-ex	Parking lot bottom		N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	130.1	118.8	9.5	92.1	Pass
16	SM	20200520	Parking lot bottom over-ex	Parking lot bottom		N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	126.0	116.8	7.9	90.5	Pass
17	SM	20200520	Parking lot bottom over-ex	Parking lot bottom		N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	129.0	120.3	7.2	93.3	Pass
18	SM	20200520	Parking lot bottom over-ex	Parking lot bottom		N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	129.3	118.2	9.4	91.6	Pass
19	SM	20200520	Parking lot bottom over-ex	Parking lot bottom		N/A	20-ONT-00519.1	129.0	7.9	90	-3	+3	130.9	120.6	8.5	93.5	Pass
20	SM	20200522	Community center and pool section over-ex	Pool	1085	N/A	20-ONT-00528.1	132.5	7.8	90	-3	+3	134.6	123.6	8.9	93.3	Pass
21	SM	20200522	Community center and pool section over-ex	Pool	1085	N/A	20-ONT-00528.1	132.5	7.8	90	-3	+3	131.7	121.7	8.2	91.8	Pass
22	SM	20200522	Community center and pool section over-ex	Community building	1087	N/A	20-ONT-00528.1	132.5	7.8	90	-3	+3	127.8	119.8	6.7	90.4	Pass
23	SM	20200522	Community center and pool section over-ex	Community building	1087	N/A	20-ONT-00528.1	132.5	7.8	90	-3	+3	132.8	122.4	8.5	92.4	Pass
24	SM	20200522	Community center and pool section over-ex	Community building	1086	N/A	20-ONT-00528.1	132.5	7.8	90	-3	+3	134.8	123.1	9.5	92.9	Pass
25	SM	20200522	Community center and pool section over-ex	Community building	1086	N/A	20-ONT-00528.1	132.5	7.8	90	-3	+3	131.3	120.7	8.8	91.1	Pass
26	SM	20200522	Community center and pool section over-ex	Community building	1085	N/A	20-ONT-00528.1	132.5	7.8	90	-3	+3	134.5	122.2	10.1	92.2	Pass
27	SM	20200522	Community center and pool section over-ex	Community building	1085	N/A	20-ONT-00528.1	132.5	7.8	90	-3	+3	130.8	121.7	7.5	91.8	Pass
28	SM	20200526	Community center building & pool	Pool section	1087.7	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	130.4	120.3	8.4	90.8	Pass

Table 1. Soil In-place Density Summary

Density Tests for 20210301.001A from 1/16/2020 to 2/15/2021
Report Date/Time: 2/15/2021 11:01:54 AM

Test Info							Proctor Data			Specs			Results				
Sample No.	Inspector	Date	General Location (summary)	Test Location	Elevation/ Depth	Retest No.	Proctor Number	Max. Density (pcf)	Opt. Water Content (%)	Specified Min. Compaction (%)	Specified MIN Water Content (%)	Specified MAX Water Content (%)	Wet Density (pcf)	Dry Density (pcf)	Water Content (%)	Rel. Compaction (%)	Pass/ Fail
29	SM	20200526	Community center building & pool	Pool section	1087.6	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	132.5	122.6	8.1	92.5	Pass
30	SM	20200526	Community center building & pool	Pool section	1087.8	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	129.7	120.9	7.3	91.2	Pass
31	SM	20200526	Community center building & pool	Community building	1087.8	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	132.8	123.1	7.9	92.9	Pass
32	SM	20200526	Community center building & pool	Community building	1087.5	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	131.1	121.5	7.9	91.7	Pass
33	SM	20200526	Community center building & pool	Community building	1087.8	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	130.1	120.5	8	90.9	Pass
34	SM	20200526	Community center building & pool	Community building	1087.7	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	132.4	123.4	7.3	93.1	Pass
35	SM	20200526	Community center building & pool	Community building	1087.4	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	131.1	119.7	9.5	90.3	Pass
36	SM	20200526	Community center building & pool	Community building	1087.7	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	131.8	120.5	9.4	90.9	Pass
37	SM	20200527	Community center building and pool section	Pool section	1089.9	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	133.4	124.3	7.3	93.8	Pass
38	SM	20200527	Community center building and pool section	Pool section	1089.9	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	131.8	122.5	7.6	92.5	Pass
39	SM	20200527	Community center building and pool section	Pool section	1089.9	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	131.6	121.7	8.1	91.8	Pass
40	SM	20200527	Community center building and pool section	Community building	1089.7	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	132.9	122	8.9	92.1	Pass
41	SM	20200527	Community center building and pool section	Community building	1089.7	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	131.8	120.8	9.1	91.2	Pass
42	SM	20200527	Community center building and pool section	Community building	1089.6	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	129.1	119.9	7.7	90.5	Pass
43	SM	20200527	Community center building and pool section	Community building	1089.9	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	130.5	119.3	9.4	89.9	Pass
44	SM	20200527	Community center building and pool section	Community building	1089.7	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	132.6	122.2	8.5	92.2	Pass
45	SM	20200527	Community center building and pool section	Community building	1089.6	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	131.4	119.7	9.8	90.3	Pass
46	SM	20200528	Community building and pool section	Pool section	1091.7	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	135.2	124.4	8.7	93.9	Pass
47	SM	20200528	Community building and pool section	Pool section	1091.7	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	133.1	122.9	8.3	92.8	Pass
48	SM	20200528	Community building and pool section	Pool section	1091.7	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	134.1	124.7	7.5	94.1	Pass
49	SM	20200528	Community building and pool section	Community building	1091.6	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	137.9	126.2	9.3	95.2	Pass
50	SM	20200528	Community building and pool section	Community building	1091.6	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	131.7	120.7	9.1	91.1	Pass
51	SM	20200528	Community building and pool section	Community building	1091.6	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	133.3	123.3	8.1	93.1	Pass
52	SM	20200528	Community building and pool section	Community building	1091.8	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	130.6	119.8	9	90.4	Pass
53	SM	20200528	Community building and pool section	Community building	1091.6	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	130.7	121.6	7.5	91.8	Pass
54	SM	20200528	Community building and pool section	Community building	1091.6	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	137.7	125.6	9.6	94.8	Pass
55	SM	20200608	Sewer main	Sewer line		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.5	116.4	9.5	90.2	Pass
56	SM	20200608	Sewer main	Sewer line		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.6	117	9.9	90.7	Pass

Table 1. Soil In-place Density Summary

Density Tests for 20210301.001A from 1/16/2020 to 2/15/2021
Report Date/Time: 2/15/2021 11:01:54 AM

Test Info							Proctor Data			Specs			Results				
Sample No.	Inspector	Date	General Location (summary)	Test Location	Elevation/ Depth	Retest No.	Proctor Number	Max. Density (pcf)	Opt. Water Content (%)	Specified Min. Compaction (%)	Specified MIN Water Content (%)	Specified MAX Water Content (%)	Wet Density (pcf)	Dry Density (pcf)	Water Content (%)	Rel. Compaction (%)	Pass/ Fail
57	SM	20200608	Sewer main	Sewer line		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	126.7	116.2	9	90	Pass
58	SM	20200608	Sewer main	Sewer line		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	130.3	118.9	9.6	92.2	Pass
59	SM	20200611	Storm drain	Storm drain (north section)		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.5	116.8	9.2	90.5	Pass
60	SM	20200611	Storm drain	Storm drain (north section)		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.4	116.2	9.6	90.1	Pass
61	SM	20200612	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.0	116.8	8.7	90.5	Pass
62	SM	20200612	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.4	118.1	7.9	91.6	Pass
63	SM	20200612	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	126.6	117	8.2	90.7	Pass
64	SM	20200612	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	126.1	116.2	8.5	89.8	Pass
65	SM	20200612	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.6	119.3	8.6	92.5	Pass
66	SM	20200612	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	125.5	116.2	8	90	Pass
67	SM	20200616	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.8	118.4	8.8	91.8	Pass
68	SM	20200616	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	126.3	116.4	8.5	90.2	Pass
69	SM	20200616	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.3	117.2	9.5	90.9	Pass
70	SM	20200616	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.4	119.1	7.8	92.3	Pass
71	SM	20200616	Storm drain	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.4	116.2	9.6	90	Pass
72	SM	20200617	Storm drain, electrical trench	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.5	118.6	7.5	91.9	Pass
73	SM	20200617	Storm drain, electrical trench	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.9	116.6	9.7	90.4	Pass
74	SM	20200617	Storm drain, electrical trench	Electrical trench		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.5	118.8	7.3	92.1	Pass
75	SM	20200617	Storm drain, electrical trench	Electrical trench		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.5	119.2	8.6	92.4	Pass
76	SM	20200618	Sewer line in park area	Sewer line		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.2	118.3	9.2	91.7	Pass
77	SM	20200618	Sewer line in park area	Sewer line		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	125.5	117.4	6.9	91	Pass
78	SM	20200618	Sewer line in park area	Sewer line		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	130.6	119.7	9.1	92.8	Pass
79	SM	20200625	Edison/communication electrical	Edison		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.0	118.6	8.8	91.9	Pass
80	SM	20200625	Edison/communication electrical	Edison		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.5	120.5	7.5	93.4	Pass
81	SM	20200625	Edison/communication electrical	Edison		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	126.6	116.9	8.3	90.6	Pass
82	SM	20200626	Edison/electrical	Edison		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.1	117.4	9.1	91	Pass
83	SM	20200626	Edison/electrical	Edison		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	131.5	120.6	9	93.5	Pass
84	SM	20200626	Edison/electrical	Edison		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.9	116.6	9.7	90.4	Pass

Table 1. Soil In-place Density Summary

Density Tests for 20210301.001A from 1/16/2020 to 2/15/2021
Report Date/Time: 2/15/2021 11:01:54 AM

Test Info							Proctor Data			Specs			Results				
Sample No.	Inspector	Date	General Location (summary)	Test Location	Elevation/ Depth	Retest No.	Proctor Number	Max. Density (pcf)	Opt. Water Content (%)	Specified Min. Compaction (%)	Specified MIN Water Content (%)	Specified MAX Water Content (%)	Wet Density (pcf)	Dry Density (pcf)	Water Content (%)	Rel. Compaction (%)	Pass/ Fail
85	TM	20200630	Pool Surge Pit Back Fill	Pool Surge Pit Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	131.1	120.1	9.1	93.1	Pass
86	TM	20200630	Pool Surge Pit Back Fill	Pool Surge Pit Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	130.7	120.1	8.8	93.1	Pass
87	TM	20200630	Pool Surge Pit Back Fill	Pool Surge Pit Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.9	117.3	9.8	90.9	Pass
88	TM	20200630	Pool Surge Pit Back Fill	Pool Surge Pit Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.4	118.7	8.1	92	Pass
89	TM	20200630	Pool Surge Pit Back Fill	Pool Surge Pit Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.3	118.9	8.7	92.2	Pass
90	TM	20200701	Pool Surge Pit Back Fill	Pool Surge Pit Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.1	118.2	9.2	91.6	Pass
91	TM	20200701	Pool Surge Pit Back Fill	Pool Surge Pit Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	130.7	119.1	9.7	92.3	Pass
92	TM	20200701	Pool Surge Pit Back Fill	Pool Surge Pit Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	131.0	120.4	8.8	93.3	Pass
93	TM	20200702	Electrical Conduit Trench Back Fill	Electrical Conduit Trench Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.2	117.9	9.5	91.4	Pass
94	TM	20200702	Electrical Conduit Trench Back Fill	Electrical Conduit Trench Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	131.9	121.4	8.6	94.1	Pass
95	TM	20200702	Electrical Conduit Trench Back Fill	Electrical Conduit Trench Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	131.0	119.4	9.7	92.6	Pass
96	TM	20200702	Electrical Conduit Trench Back Fill	Electrical Conduit Trench Back Fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.6	118.8	9.1	92.1	Pass
97	TM	20200709	Sewer/grease trenches around pool equipment area	Sewer/grease trenches around pool equipment area		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.6	119.3	8.6	92.5	Pass
98	TM	20200709	Sewer/grease trenches around pool equipment area	Sewer/grease trenches around pool equipment area		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	130.2	119.2	9.2	92.4	Pass
99	TM	20200709	Sewer/grease trenches around pool equipment area	Sewer/grease trenches around pool equipment area		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.3	118.6	9	91.9	Pass
100	TM	20200709	Sewer/grease trenches around pool equipment area	Sewer/grease trenches around pool equipment area		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.9	119.8	8.4	92.9	Pass
101	TM	20200709	Sewer/grease trenches around pool equipment area	Sewer/grease trenches around pool equipment area		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	130.8	120.4	8.6	93.3	Pass
102	TM	20200709	Sewer/grease trenches around pool equipment area	Sewer/grease trenches around pool equipment area		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.2	118.5	9	91.9	Pass
103	TM	20200709	Sewer/grease trenches around pool equipment area	Sewer/grease trenches around pool equipment area		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	131.4	119.8	9.7	92.9	Pass
104	SM	20200710	Community center plumbing	Northeast bathroom		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.5	117.7	8.3	91.2	Pass
105	SM	20200710	Community center plumbing	Northwest bathroom		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	126.3	116.2	8.7	89.8	Pass
106	SM	20200710	Community center plumbing	Kitchen		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	125.3	116.3	7.7	90.2	Pass
109	TM	20200720	Sidewalk area along north side of 4th st.	Sidewalk area along north side of 4th st.		N/A	20-ONT-00519.1	129.0	7.9	95	-2	+2	135.7	124.2	9.2	96.3	Pass
110	TM	20200720	Sidewalk area along north side of 4th st.	Edison Line Trench Back Fill along 4th St.		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.1	118.7	8.7	92	Pass
111	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.5	119.2	8.6	92.4	Pass

Table 1. Soil In-place Density Summary

Density Tests for 20210301.001A from 1/16/2020 to 2/15/2021
Report Date/Time: 2/15/2021 11:01:54 AM

Test Info							Proctor Data			Specs			Results				
Sample No.	Inspector	Date	General Location (summary)	Test Location	Elevation/ Depth	Retest No.	Proctor Number	Max. Density (pcf)	Opt. Water Content (%)	Specified Min. Compaction (%)	Specified MIN Water Content (%)	Specified MAX Water Content (%)	Wet Density (pcf)	Dry Density (pcf)	Water Content (%)	Rel. Compaction (%)	Pass/ Fail
112	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.7	117.8	9.2	91.3	Pass
113	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.1	119.1	8.4	92.3	Pass
114	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.9	118.4	9.7	91.8	Pass
115	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.2	118.7	8	92	Pass
116	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.9	118.4	8.8	91.8	Pass
117	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.9	118	8.3	91.5	Pass
118	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.6	118.5	9.3	91.9	Pass
119	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	128.1	116.6	9.8	90.4	Pass
120	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.4	118.4	9.2	91.8	Pass
121	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.6	117.5	8.6	91.1	Pass
122	TM	20200721	8" fire line trench back fill	8" HDPE fire line trench back fill		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.0	118.3	9	91.7	Pass
123	SM	20200722	Perforated underground retention system	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.9	118.3	8.1	91.7	Pass
124	SM	20200722	Perforated underground retention system	Storm drain		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	127.1	116.9	8.7	90.6	Pass
125	SM	20200723	Pool return/drain system	Pool return/drain lines		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	129.4	118.5	9.2	91.9	Pass
126	SM	20200723	Pool return/drain system	Pool return/drain lines		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	126.1	117.1	7.7	90.8	Pass
127	SM	20200723	Pool return/drain system	Pool return/drain lines		N/A	20-ONT-00519.1	129.0	7.9	90	-2	+2	126.1	116.4	8.3	90.2	Pass
20200810-1055-JM-1	JM	20200810	Sidewalk	See attachments		N/A	20-ONT-00885.1	135.6	7.0	90	-2	+2	138.9	124.9	8.7	92.1	Pass
20200810-1102-JM-2	JM	20200810	Sidewalk	See attachments		N/A	20-ONT-00885.1	135.6	7.0	90	-2	+2	134.3	125.6	8.2	92.6	Pass
20200821-0851-JC-1	JC	20200821	4'0" South of Grid line F between lines 10 and 14	4'0" south of gridline F @ line 12		N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	130.6	123	6.2	92.8	Pass
20200821-0915-JC-2	JC	20200821	4'0" South of Grid line F between lines 10 and 14	4'0" south of gridline F @ line 13.5	FSG	N/A	20-ONT-00528.1	132.5	7.8	90	-2	+2	131.8	123.4	6.8	93.1	Pass
20200827-0959-JM-1	JM	20200827	Main building and parking lot	See plot plans	BOE	N/A	20-ONT-00885.1	135.6	7.0	90	-2	+2	135.2	123.7	8.1	91.2	Pass
20200827-1004-JM-2	JM	20200827	Main building and parking lot	See plot plans	SFG	N/A	20-ONT-00885.1	135.6	7.0	90	-2	+2	132.1	123.3	7.1	90.9	Pass
20200827-1005-JM-3	JM	20200827	Main building and parking lot	See plot plans	BOE	N/A	20-ONT-00885.1	135.6	7.0	90	-2	+2	132.8	123.8	7.9	91.3	Pass
20201201-0917-JC-5	JC	20201201	North parking area	N34°04.789' W117°40.397'		N/A	20-ONT-00519.1	129.0	7.9	95	-1	+1	133.1	123.8	7.5	96	Pass
JC-2-20201201	JC	20201201	North parking area	N34°04.763' W117°40.399'		N/A	20-ONT-00519.1	129.0	7.9	95	-1	+1	131.4	122.6	7.3	95	Pass
JC-3-20201201	JC	20201201	North parking area	N34°04.763' W117°40.399'		N/A	20-ONT-00519.1	129.0	7.9	95	-1	+1	132.4	124.6	7.7	96.6	Pass
JC-4-20201201	JC	20201201	North parking area	N34°04.761' W117°40.405'		N/A	20-ONT-00519.1	129.0	7.9	95	-1	+1	136.2	126.5	7.6	98.1	Pass
JC-1-20201202	JC	20201202	North parking area	N34°04.744' W117°40.398'		N/A	20-ONT-00519.1	129.0	7.9	95	-1	+1	135.1	125.3	7.8	97.1	Pass

Table 1. Soil In-place Density Summary

Density Tests for 20210301.001A from 1/16/2020 to 2/15/2021
Report Date/Time: 2/15/2021 11:01:54 AM

Test Info							Proctor Data			Specs			Results				
Sample No.	Inspector	Date	General Location (summary)	Test Location	Elevation/ Depth	Retest No.	Proctor Number	Max. Density (pcf)	Opt. Water Content (%)	Specified Min. Compaction (%)	Specified MIN Water Content (%)	Specified MAX Water Content (%)	Wet Density (pcf)	Dry Density (pcf)	Water Content (%)	Rel. Compaction (%)	Pass/ Fail
JC-2- 20201202	JC	20201202	North parking area	N34°04.736' W117°40.402'		N/A	20-ONT- 00519.1	129.0	7.9	95	-1	+1	131.9	123.9	6.5	96	Pass
JC-3- 20201202	JC	20201202	North parking area	N34°04.740' W117°40.408'		N/A	20-ONT- 00519.1	129.0	7.9	95	-1	+1	133.0	124.2	7.1	96.3	Pass
JC-4- 20201202	JC	20201202	North parking area	N34°04.735' W117°40.401'		N/A	20-ONT- 00519.1	129.0	7.9	90	-1	+1	127.1	118.9	6.9	92.2	Pass
20201204- 0743-CR-1	CR	20201204	Play ground nothside of parking lot	Area A 3rd lift		N/A	20-ONT- 00519.1	129.0	7.9	95	5.7	9.7	133.8	123.7	8.2	95.9	Pass
20201204- 1551-CR-2	CR	20201204	Play ground nothside of parking lot	Area B 3rd lift		N/A	20-ONT- 00519.1	129.0	7.9	95	5.7	9.7	132.0	124.6	5.9	96.6	Pass
20201204- 1553-CR-3	CR	20201204	Play ground nothside of parking lot	Area C 3rd lift		N/A	20-ONT- 00519.1	129.0	7.9	95	5.7	9.7	134.5	127.2	5.7	98.6	Pass
20201204- 1554-CR-4	CR	20201204	Play ground nothside of parking lot	Area D 3rd lift		N/A	20-ONT- 00519.1	129.0	7.9	95	5.7	9.7	135.4	124.8	8.5	96.7	Pass
20201204- 1554-CR-5	CR	20201204	Play ground nothside of parking lot	Area A Final Lift		N/A	20-ONT- 00519.1	129.0	7.9	95	5.7	9.7	133.1	123.8	7.5	96	Pass
20201204- 1555-CR-6	CR	20201204	Play ground nothside of parking lot	Area B Final Lift		N/A	20-ONT- 00519.1	129.0	7.9	95	5.7	9.7	133.1	124.4	7	96.4	Pass
20201204- 1556-CR-7	CR	20201204	Play ground nothside of parking lot	Area C Final Lift		N/A	20-ONT- 00519.1	129.0	7.9	95	5.7	9.7	135.9	126.4	7.5	98	Pass
20201204- 1557-CR-8	CR	20201204	Play ground nothside of parking lot	Area D Final Lift		N/A	20-ONT- 00519.1	129.0	7.9	95	5.7	9.7	137.1	125.9	8.9	97.6	Pass
JC-1- 20201201	JC	20201207	North parking area	N34°04.750' W117°40.396'		N/A	20-ONT- 00519.1	129.0	7.9	95	-1	+1	132.8	123.8	7.3	96	Pass
20201218- 1455-OM-1	OM	20201218	Ribbon Gutter	See markup plan on DFR		N/A	20-ONT- 00519	129.0	7.9	95	-2	2	133.4	125.6	6.2	97.4	Pass
20201218- 1455-OM-2	OM	20201218	Ribbon Gutter	See markup plan on DFR		N/A	20-ONT- 00519	129.0	7.9	95	-2	2	134.0	125.9	6.4	97.6	Pass
20201218- 1455-OM-3	OM	20201218	Ribbon Gutter	See markup plan on DFR		N/A	20-ONT- 00519	129.0	7.9	95	-2	2	136.2	128.4	6.1	99.5	Pass
20201218- 1455-OM-4	OM	20201218	Ribbon Gutter	See markup plan on DFR		N/A	20-ONT- 00519	129.0	7.9	95	-2	2	133.9	126.4	5.9	98	Pass
20201218- 1455-OM-5	OM	20201218	Ribbon Gutter	See markup plan on DFR		N/A	20-ONT- 00519	129.0	7.9	95	-2	2	135.9	127.6	6.5	98.9	Pass
20201223- 0723-CR-1	CR	20201223	Trash Enclosure	East side, middle of trash enclosure		N/A	20-ONT- 00519.1	129.0	7.9	90	-3	+3	132.9	122.9	8.1	95.3	Pass
20210104- 1005-CR-1	CR	20210104	North Parking Lot	North end Top stall		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	129.6	115.9	11.8	96.2	Pass
20210104- 1007-CR-2	CR	20210104	North Parking Lot	North West stall #1		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	130.8	116.7	12.1	96.8	Pass
20210104- 1008-CR-3	CR	20210104	North Parking Lot	North West stall #2		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	130.7	118.6	10.2	98.4	Pass
20210104- 1009-CR-4	CR	20210104	North Parking Lot	North West stall #3		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	125.1	114.7	9.1	95.2	Pass
20210104- 1010-CR-5	CR	20210104	North Parking Lot	North end middle stall #2		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	124.6	114.6	8.7	95.1	Pass
20210104- 1011-CR-6	CR	20210104	North Parking Lot	North end middle stall #3		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	126.2	114.5	10.2	95	Pass
20210104- 1011-CR-7	CR	20210104	North Parking Lot	Fire Lane North East side of Parking Lot top end		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	132.0	120	10	99.6	Pass
20210104- 1013-CR-8	CR	20210104	North Parking Lot	Fire Lane North East side of Parking Lot 1/4 of the way from the top		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	127.9	116.8	9.5	96.9	Pass
20210104- 1014-CR-10	CR	20210104	North Parking Lot	Fire Lane North East side of Parking Lot 3/4 of the way from the top		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	132.4	117.9	12.3	97.8	Pass

Table 1. Soil In-place Density Summary

Density Tests for 20210301.001A from 1/16/2020 to 2/15/2021
Report Date/Time: 2/15/2021 11:01:54 AM

Test Info							Proctor Data			Specs			Results				
Sample No.	Inspector	Date	General Location (summary)	Test Location	Elevation/ Depth	Retest No.	Proctor Number	Max. Density (pcf)	Opt. Water Content (%)	Specified Min. Compaction (%)	Specified MIN Water Content (%)	Specified MAX Water Content (%)	Wet Density (pcf)	Dry Density (pcf)	Water Content (%)	Rel. Compaction (%)	Pass/ Fail
20210104-1014-CR-9	CR	20210104	North Parking Lot	Fire Lane North East side of Parking Lot 1/2 of the way from the top		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	133.0	118.3	12.4	98.2	Pass
20210104-1015-CR-11	CR	20210104	North Parking Lot	North End Middle stall #4		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	126.6	114.6	10.5	95.1	Pass
20210104-1017-CR-12	CR	20210104	North Parking Lot	North End Middle stall #5		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	135.9	119.6	13.6	99.3	Pass
20210104-1018-CR-13	CR	20210104	North Parking Lot	North West side stall #4		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	126.4	114.5	10.4	95	Pass
20210104-1020-CR-14	CR	20210104	North Parking Lot	North West side stall #5		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	128.5	114.6	12.1	95.1	Pass
20210104-1021-CR-15	CR	20210104	North Parking Lot	North End Middle stall #5		N/A	Class II Agg Base	120.5	12.5	95	-3	+3	130.2	117.5	10.8	97.5	Pass

Table 2 – AC In-Place Density Test Summary



Table 2. In-Place Asphalt Density Summary by Nuclear Method

Density Tests for 20210301.001A from 6/2/2019 to 7/2/2021
Report Date/Time: 7/2/2021 8:47:31 PM

Test Info							Lab Max. Density (pcf)	Specified Min. Compaction (%)	Results		
Sample No.	Inspector	Date	General Location (summary)	Lift	Probe Depth (in.)	Retest No.			Average Density	Rel. Compaction (%)	Pass/ Fail
20200715-0946-EK-1	EK	20200715	1245 4th street north side	2	Backscatter	N/A	148.8	95	145.9	98.1	Pass
20200715-1033-EK-2	EK	20200715	1245 4th street south side	2	Backscatter	N/A	148.8	95	147.3	99	Pass
20210106-1037-OM-1	OM	20210106	North area of parking lot	1	Backscatter	N/A	145.4	95	142.9	98.3	Pass
20210106-1037-OM-2	OM	20210106	North area of parking lot	1	Backscatter	N/A	145.4	95	142.6	98.1	Pass
20210106-1037-OM-3	OM	20210106	North area of parking lot	1	Backscatter	N/A	145.4	95	142.5	98	Pass
20210106-1037-OM-4	OM	20210106	North area of parking lot	1	Backscatter	N/A	145.4	95	143.9	99	Pass
20210106-1037-OM-5	OM	20210106	North area of parking lot	1	Backscatter	N/A	145.4	95	142.6	98.1	Pass
20210106-1037-OM-6	OM	20210106	North area of parking lot	1	Backscatter	N/A	145.4	95	142.8	98.2	Pass
20210106-1037-OM-7	OM	20210106	North area of parking lot	1	Backscatter	N/A	145.4	95	142.5	98	Pass
20210106-1037-OM-8	OM	20210106	North area of parking lot	1	Backscatter	N/A	145.4	95	142.6	98.1	Pass
20210106-1037-OM-9	OM	20210106	North area of parking lot	1	Backscatter	N/A	145.4	95	140.3	96.5	Pass
20210106-1037-OM-10	OM	20210106	North area of parking lot	1	Backscatter	20210106-1037-OM-11	145.4	95	135.9	93.5	Fail
20210106-1037-OM-11	OM	20210106	North area of parking lot	1	Backscatter		145.4	95	144.1	99.1	Pass
20210429-1313-SM-1	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	146	99.3	Pass
20210429-1313-SM-2	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	144	98	Pass
20210429-1313-SM-3	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	142.5	96.9	Pass
20210429-1313-SM-4	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	140.9	95.9	Pass
20210429-1313-SM-5	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	145.7	99.1	Pass
20210429-1313-SM-6	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	141.4	96.2	Pass
20210429-1313-SM-7	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	145	98.6	Pass
20210429-1313-SM-8	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	142.2	96.7	Pass
20210429-1313-SM-9	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	145.8	99.2	Pass
20210429-1313-SM-10	SM	20210429	South area of parking lot	1	Backscatter	N/A	147	95	142.7	97.1	Pass

Table 3 – Compressive Strength Test Summary

Table 3 - COMPRESSIVE STRENGTH TEST SUMMARY

Lab: ONT - Ontario

Project No.: 20210301.001A: Anthony Munoz Community Center

Sample Code	Specimen ID	Project No.	Specimen Type	Date Cast	Age	Sampled By	Supplier	Mix ID	Compressive Strength	Specified Strength	Source of Sample	Time Batched	Time Sampled	Slump	Mix Temp
20-ONT-01022	1	20210301.001A	MASONRY MORTAR	8/3/2020	28	Tim Miller	Orco	Masonry Mortar Type-S	2340	1800 @ 28 days	Masonry Wall - Pool Equipment Building Exterior Walls First Course	8:20	8:30		
20-ONT-01022	2	20210301.001A	MASONRY MORTAR	8/3/2020	28	Tim Miller	Orco	Masonry Mortar Type-S	2100	1800 @ 28 days	Masonry Wall - Pool Equipment Building Exterior Walls First Course	8:20	8:30		
20-ONT-01022	3	20210301.001A	MASONRY MORTAR	8/3/2020	28	Tim Miller	Orco	Masonry Mortar Type-S	1990	1800 @ 28 days	Masonry Wall - Pool Equipment Building Exterior Walls First Course	8:20	8:30		
20-ONT-01033	1	20210301.001A	MASONRY MORTAR	8/4/2020	28	Tim Miller	Orco	Masonry Mortar Type-S	2530	1800 @ 28 days	Masonry Wall - Pool Building North Wall	9:30	9:50		
20-ONT-01033	2	20210301.001A	MASONRY MORTAR	8/4/2020	28	Tim Miller	Orco	Masonry Mortar Type-S	2660	1800 @ 28 days	Masonry Wall - Pool Building North Wall	9:30	9:50		
20-ONT-01033	3	20210301.001A	MASONRY MORTAR	8/4/2020	28	Tim Miller	Orco	Masonry Mortar Type-S	2080	1800 @ 28 days	Masonry Wall - Pool Building North Wall	9:30	9:50		
20-ONT-01046	1	20210301.001A	MASONRY MORTAR	8/5/2020	28	Tim Miller	Orco	Masonry Mortar Type-S	1850	1800 @ 28 days	Masonry Wall - Pool building walls	9:20	9:35		
20-ONT-01046	2	20210301.001A	MASONRY MORTAR	8/5/2020	28	Tim Miller	Orco	Masonry Mortar Type-S	2110	1800 @ 28 days	Masonry Wall - Pool building walls	9:20	9:35		
20-ONT-01046	3	20210301.001A	MASONRY MORTAR	8/5/2020	28	Tim Miller	Orco	Masonry Mortar Type-S	2370	1800 @ 28 days	Masonry Wall - Pool building walls	9:20	9:35		
20-ONT-01058	1	20210301.001A	MASONRY MORTAR	8/7/2020	7	Jimmy Monterroso	Orco	Masonry Mortar Type-S		N/A	Masonry Wall - Pool building CMU walls	8:45	9:00		75
20-ONT-01058	2	20210301.001A	MASONRY MORTAR	8/7/2020	28	Jimmy Monterroso	Orco	Masonry Mortar Type-S	1930	1800 @ 28 days	Masonry Wall - Pool building CMU walls	8:45	9:00		75
20-ONT-01058	3	20210301.001A	MASONRY MORTAR	8/7/2020	28	Jimmy Monterroso	Orco	Masonry Mortar Type-S	1990	1800 @ 28 days	Masonry Wall - Pool building CMU walls	8:45	9:00		75
20-ONT-01059	1	20210301.001A	MASONRY MORTAR	8/10/2020	7	Jimmy Monterroso	Orco	Masonry Mortar Type-S	1340	N/A	Masonry Wall - N/E corner of pool equipment building	10:45	11:00		78
20-ONT-01059	2	20210301.001A	MASONRY MORTAR	8/10/2020	28	Jimmy Monterroso	Orco	Masonry Mortar Type-S	1830	1800 @ 28 days	Masonry Wall - N/E corner of pool equipment building	10:45	11:00		78
20-ONT-01059	3	20210301.001A	MASONRY MORTAR	8/10/2020	28	Jimmy Monterroso	Orco	Masonry Mortar Type-S	1810	1800 @ 28 days	Masonry Wall - N/E corner of pool equipment building	10:45	11:00		78
20-ONT-01202	1	20210301.001A	MASONRY GROUT	8/24/2020	28	Jacob Collins	Rancho Ready Mix	20ec62xx	3850	2000 @ 28 days	Wall Panel - E/8	5:06	6:23	9	84.2
20-ONT-01202	2	20210301.001A	MASONRY GROUT	8/24/2020	28	Jacob Collins	Rancho Ready Mix	20ec62xx	3460	2000 @ 28 days	Wall Panel - E/8	5:06	6:23	9	84.2
20-ONT-01202	3	20210301.001A	MASONRY GROUT	8/24/2020	28	Jacob Collins	Rancho Ready Mix	20ec62xx	2850	2000 @ 28 days	Wall Panel - E/8	5:06	6:23	9	84.2
20-ONT-01203	1	20210301.001A	MASONRY GROUT	8/24/2020	7	Jimmy Monterroso	Robertsons	61833	2550	N/A	Masonry Wall - East CMU wall for pool equipment room	8:14	10:15	9	85
20-ONT-01203	2	20210301.001A	MASONRY GROUT	8/24/2020	28	Jimmy Monterroso	Robertsons	61833	3960	3000 @ 28 days	Masonry Wall - East CMU wall for pool equipment room	8:14	10:15	9	85
20-ONT-01203	3	20210301.001A	MASONRY GROUT	8/24/2020	28	Jimmy Monterroso	Robertsons	61833	4290	3000 @ 28 days	Masonry Wall - East CMU wall for pool equipment room	8:14	10:15	9	85
20-ONT-01203	4	20210301.001A	MASONRY GROUT	8/24/2020	28	Jimmy Monterroso	Robertsons	61833	4290	3000 @ 28 days	Masonry Wall - East CMU wall for pool equipment room	8:14	10:15	9	85
20-ONT-01206	1	20210301.001A	MASONRY PRISM	8/24/2020	28	Jimmy Monterroso	Robertsons	61833	2040	1500 @ 28 days	Masonry Wall - SW corner of building				
20-ONT-01206	2	20210301.001A	MASONRY PRISM	8/24/2020	28	Jimmy Monterroso	Robertsons	61833	2030	1500 @ 28 days	Masonry Wall - SW corner of building				
20-ONT-01206	3	20210301.001A	MASONRY PRISM	8/24/2020	28	Jimmy Monterroso	Robertsons	61833	2140	1500 @ 28 days	Masonry Wall - SW corner of building				
20-ONT-01732	1	20210301.001A	MASONRY MORTAR	11/18/2020	7	Chris Rice	On-Site Mix	Type S Mortar	2270	N/A	Masonry Wall - Wall along 15 line between Line F through N.1	13:00	13:08		71.9
20-ONT-01732	2	20210301.001A	MASONRY MORTAR	11/18/2020	28	Chris Rice	On-Site Mix	Type S Mortar	3150	1800 @ 28 days	Masonry Wall - Wall along 15 line between Line F through N.1	13:00	13:08		71.9
20-ONT-01732	3	20210301.001A	MASONRY MORTAR	11/18/2020	28	Chris Rice	On-Site Mix	Type S Mortar	3030	1800 @ 28 days	Masonry Wall - Wall along 15 line between Line F through N.1	13:00	13:08		71.9
20-ONT-01732	4	20210301.001A	MASONRY MORTAR	11/18/2020	28	Chris Rice	On-Site Mix	Type S Mortar	3170	1800 @ 28 days	Masonry Wall - Wall along 15 line between Line F through N.1	13:00	13:08		71.9
20-ONT-01757	1	20210301.001A	MASONRY MORTAR	11/23/2020	7	Chris Rice	On-Site Mix	Type S Mortar	2570	N/A	Masonry Wall - Wall along grid line 8.9 between grid lines O-N	12:37	12:40		68.7
20-ONT-01757	2	20210301.001A	MASONRY MORTAR	11/23/2020	28	Chris Rice	On-Site Mix	Type S Mortar	2430	1800 @ 28 days	Masonry Wall - Wall along grid line 8.9 between grid lines O-N	12:37	12:40		68.7
20-ONT-01757	3	20210301.001A	MASONRY MORTAR	11/23/2020	28	Chris Rice	On-Site Mix	Type S Mortar	2540	1800 @ 28 days	Masonry Wall - Wall along grid line 8.9 between grid lines O-N	12:37	12:40		68.7



Table 3 - COMPRESSIVE STRENGTH TEST SUMMARY

Lab: ONT - Ontario
Project No.: 20210301.001A: Anthony Munoz Community Center

Sample Code	Specimen ID	Project No.	Specimen Type	Date Cast	Age	Sampled By	Supplier	Mix ID	Compressive Strength	Specified Strength	Source of Sample	Time Batched	Time Sampled	Slump	Mix Temp
20-ONT-01757	4	20210301.001A	MASONRY MORTAR	11/23/2020	28	Chris Rice	On-Site Mix	Type S Mortar	2400	1800 @ 28 days	Masonry Wall - Wall along grid line 8.9 between grid lines O-N	12:37	12:40		68.7
20-ONT-01763	1	20210301.001A	MASONRY GROUT	11/30/2020	7	Chris Rice	Robertson's Ready Mix	61833	2530	N/A	Masonry Wall - Grid line P between 11.6-12.3 course 8-18	8:11	9:15	10	66.8
20-ONT-01763	2	20210301.001A	MASONRY GROUT	11/30/2020	28	Chris Rice	Robertson's Ready Mix	61833	3020	3000 @ 28 days	Masonry Wall - Grid line P between 11.6-12.3 course 8-18	8:11	9:15	10	66.8
20-ONT-01763	3	20210301.001A	MASONRY GROUT	11/30/2020	28	Chris Rice	Robertson's Ready Mix	61833	4110	3000 @ 28 days	Masonry Wall - Grid line P between 11.6-12.3 course 8-18	8:11	9:15	10	66.8
20-ONT-01763	4	20210301.001A	MASONRY GROUT	11/30/2020	28	Chris Rice	Robertson's Ready Mix	61833	3580	3000 @ 28 days	Masonry Wall - Grid line P between 11.6-12.3 course 8-18	8:11	9:15	10	66.8
21-ONT-00094	1	20210301.001A	MASONRY MORTAR	2/9/2021	7	Jimmy Monterroso	Orco	Type S - 1800	2700	N/A	Masonry Wall - North Side CMU Wall	9:10	9:30		73
21-ONT-00094	2	20210301.001A	MASONRY MORTAR	2/9/2021	28	Jimmy Monterroso	Orco	Type S - 1800	2870	1800 @ 28 days	Masonry Wall - North Side CMU Wall	9:10	9:30		73
21-ONT-00094	3	20210301.001A	MASONRY MORTAR	2/9/2021	28	Jimmy Monterroso	Orco	Type S - 1800	2810	1800 @ 28 days	Masonry Wall - North Side CMU Wall	9:10	9:30		73
21-ONT-00094	4	20210301.001A	MASONRY MORTAR	2/9/2021	28	Jimmy Monterroso	Orco	Type S - 1800	2720	1800 @ 28 days	Masonry Wall - North Side CMU Wall	9:10	9:30		73
21-ONT-00095	1	20210301.001A	MASONRY GROUT	2/10/2021	7	Jimmy Monterroso	Robertson's Ready	61833	4560	N/A	Masonry Wall - West Side CMU Wall	9:31	10:20	9.5	74
21-ONT-00095	2	20210301.001A	MASONRY GROUT	2/10/2021	28	Jimmy Monterroso	Robertson's Ready	61833	4540	3000 @ 28 days	Masonry Wall - West Side CMU Wall	9:31	10:20	9.5	74
21-ONT-00095	3	20210301.001A	MASONRY GROUT	2/10/2021	28	Jimmy Monterroso	Robertson's Ready	61833	4900	3000 @ 28 days	Masonry Wall - West Side CMU Wall	9:31	10:20	9.5	74
21-ONT-00095	4	20210301.001A	MASONRY GROUT	2/10/2021	28	Jimmy Monterroso	Robertson's Ready	61833	5120	3000 @ 28 days	Masonry Wall - West Side CMU Wall	9:31	10:20	9.5	74

Appendix A – Daily Field Reports



Daily Field Report - Apr 23, 2020

KLF Project #: 20210301.001A

by Thomas Rebosky for Anthony Munoz Community Center

Client: City of Ontario, CA

88°F, Clear

Contractor: NA

Time Start: 12:30 PM Time Stop: 01:45 PM

Equipment: Na

Traveled 0.5 hrs, 15 mi.

Types of Tests/Observations Performed:

Sample Pickup

Report items
In Progress

Documents Referenced:

Na

Observations/Remarks:

On-site, I was there to collect two soil samples for organic tests which will be performed at our Ontario lab. The sample was collected from the north west side of the site. I took the samples back to our lab.


Kleinfelder Representative *Signature*

Thomas Rebosky
Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: NW side of site, organic soil sample picture #1.



Fig. 2: NW side of site, organic soil sample #2.





Kleinfelder Representative *Signature*

Thomas Rebosky

Kleinfelder Representative *Print Name*



Daily Field Report - May 18, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA

65°F, Partly Cloudy

Contractor: JPI

Time Start: 09:00 AM Time Stop: 01:00 PM

Traveled .5 hrs, 8 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz park in the city of Ontario per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Community Center building over-excavation)

Ironclad was on site excavating soil for the over-ex for the building foundation. Jeff Waller and I verified contractor was 3 ft beyond the building envelope. Once the contractor reached the bottom of the excavation for the main building the foreman and I verified the elevation. (2) 623 scrapers and a 823 compaction loader was used to achieve compaction for the over-ex bottom. I used a calibrated nuclear density gauge to check compaction and moisture content. 6 tests were taken, 6 tests met minimum specified compaction per plans and specifications. It started raining at 1:00 pm and suspended work for the day.

(Soil sample)

I sampled (2) bags of native soil and transported soil to the Kleinfelder lab for testing.



Acknowledged By *Signature*



Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Building foundation over-ex



Fig. 2: CAT 623 scraper



Fig. 3: CAT 824 compaction loader



Tom Hamel

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

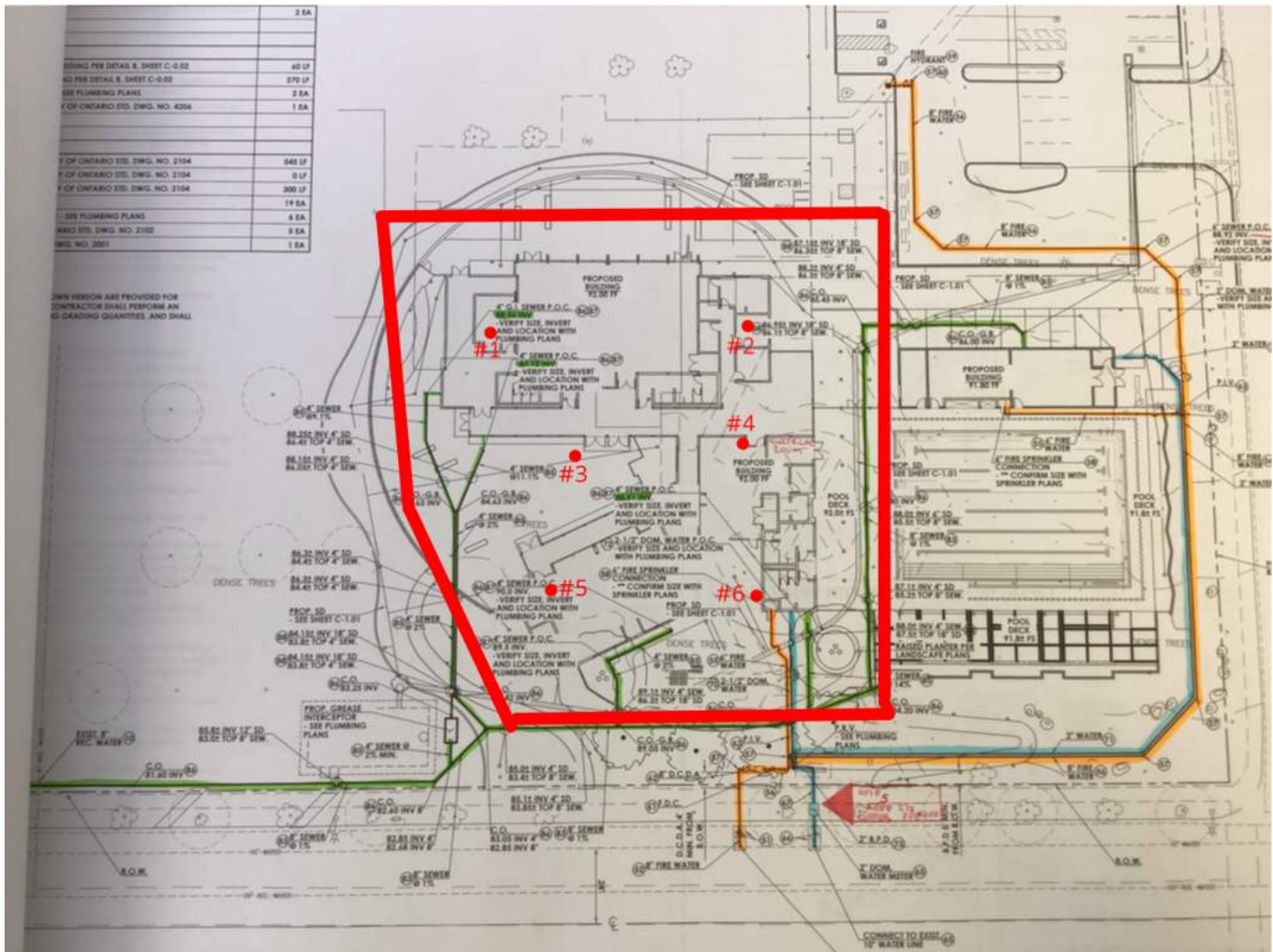
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Building bottom (#1-6) plot plan



Acknowledged By *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Shawn McLaren
Kleinfelder Representative *Print Name*



Soil Density Report - May 18, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Community center building over-ex (bottom)

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 5/18/20

Date of Calibration: 9/9/2019

Density Std. Count: 30721

Moisture Std. Count: 8169

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
1	8	1085.6 /	20-ONT-00520	129.5	7.9	90	4.9 - 10.9	8.5	116.8	90.2
	Location:		North section							
	Remarks:		Proctor: 20-ONT-00520 129.5 @ 7.9							
2	8	1085.6 /	20-ONT-00520	129.5	7.9	90	4.9 - 10.9	7.2	118	91.1
	Location:		North section							
	Remarks:		Proctor: 20-ONT-00520 129.5 @ 7.9							
3	8	1085.6 /	20-ONT-00520	129.5	7.9	90	4.9 - 10.9	8.8	120.4	93
	Location:		Middle section							
	Remarks:		Proctor: 20-ONT-00520 129.5 @ 7.9							
4	8	1085.6 /	20-ONT-00520	129.5	7.9	90	4.9 - 10.9	6.5	116.5	90
	Location:		Middle section							
	Remarks:		Proctor: 20-ONT-00520 129.5 @ 7.9							
5	8	1085.6 /	20-ONT-00520	129.5	7.9	90	4.9 - 10.9	9.6	121.2	93.6
	Location:		South section							
	Remarks:		Proctor: 20-ONT-00520 129.5 @ 7.9							
6	8	1085.6 /	20-ONT-00520	129.5	7.9	90	4.9 - 10.9	8.1	118.1	91.2
	Location:		South section							
	Remarks:		Proctor: 20-ONT-00520 129.5 @ 7.9							



Daily Field Report - May 19, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 75°F, Clear
Contractor: Ironclad Time Start: 07:00 AM Time Stop: 03:00 PM
Equipment: (2) CAT 623 scrapers, Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
 Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz park in the city of Ontario per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Community center building and pool over-ex)

Ironclad was on site excavating soil for the over-ex at the pool location. The over-ex area was measured to verify the contractor was extending 3 ft beyond the building/pool envelope. Once the contractor reached the bottom of the pool over-ex the foreman and I verified elevation. The bottom was scarified 6" and compacted via (2) 623 scrapers. After bottom was compacted contractor placed soil in 8"-10" loose lifts and compacted via 623 scrapers and 824 compaction loader. I used a calibrated nuclear density gauge to check compaction and moisture content. 7 tests were taken, 7 tests met minimum specified compaction per plans and specifications.

(Concrete section under demoed asphalt)

During the parking lot excavation the contractor exposed an undocumented concrete section where asphalt was removed. Work was suspended for the day and the contractor coordinated with the superintendent on how to resolve the problem.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Pool section bottom compaction



QAM by

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Signature

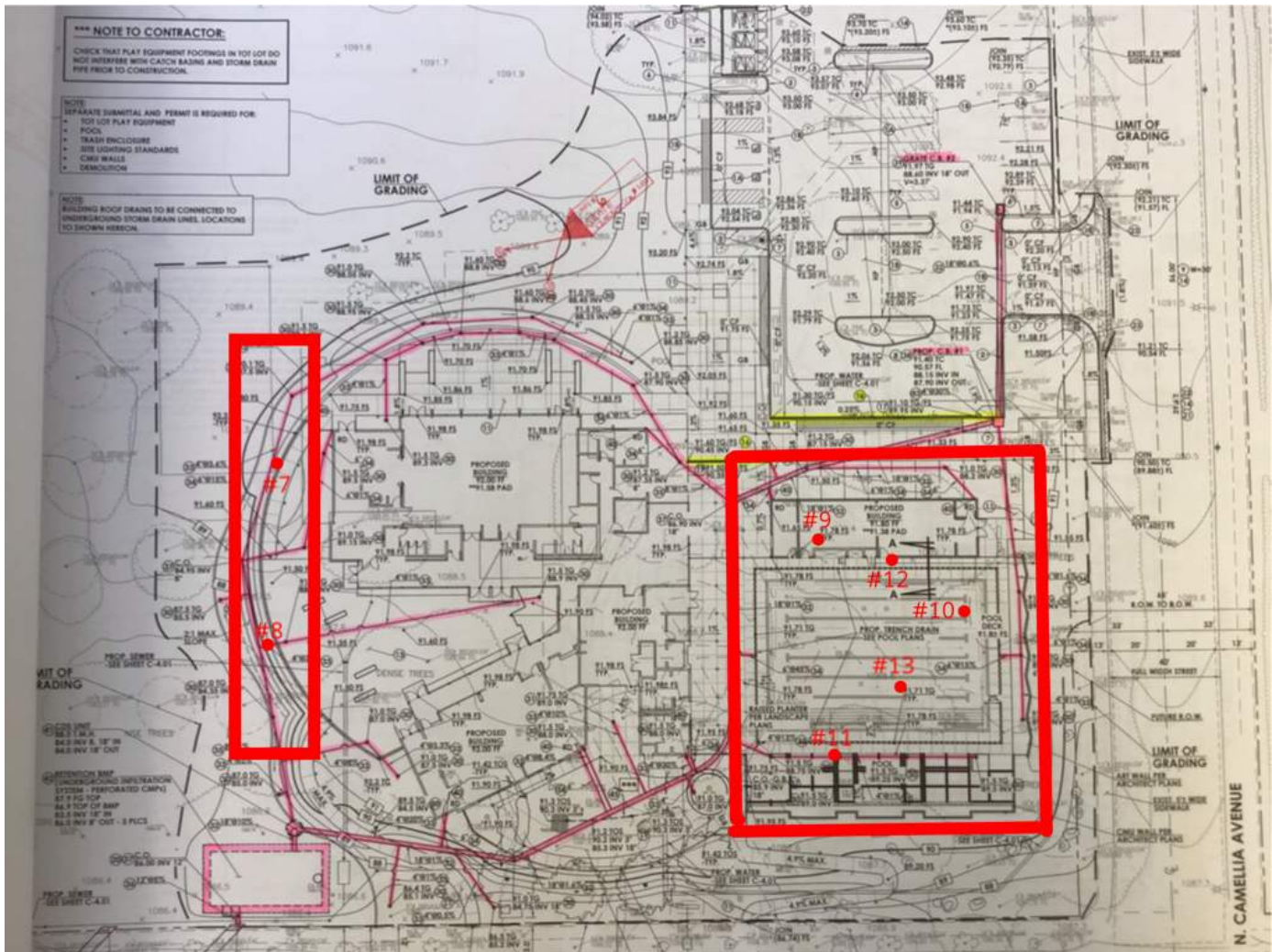
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Compaction (#7-13) plot plan



QAM by

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - May 19, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Convention center building over-ex/pool over-ex

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 5/19/20

Date of Calibration: 9/9/2019

Density Std. Count: 30669

Moisture Std. Count: 8080

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
10	8	1081.60 /	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	10.1	117.4	91
	Location:		Pool bottom							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
11	8	1081.60 /	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	10.5	116.4	90.2
	Location:		Pool bottom							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
12	8	1083 /	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	9.3	117.2	90.9
	Location:		Pool							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
13	8	1083 /	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	6.9	116.5	90.3
	Location:		Pool							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
7	8	/ 4	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	10.1	117.4	91
	Location:		West section							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
8	8	/ 4	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	8.5	119	92.2
	Location:		West section							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
9	8	1081.60 /	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	7.7	120.6	93.5
	Location:		Pool bottom							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							



Daily Field Report - May 20, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 70°F, Clear
Contractor: Ironclad Time Start: 07:00 AM Time Stop: 11:00 AM
Equipment: CAT 623 scraper, CAT 824 push loader Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
 Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz park in the city of Ontario per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Parking lot - bottom over-ex)

Ironclad was on site excavating soil for the parking lot over-ex. Once the contractor reached bottom elevation was verified and compaction efforts were made. Contractor used a CAT 623 scraper was used to achieve compaction. I used a calibrated nuclear density gauge to check compaction and moisture content. 6 tests were taken, 6 tests met minimum specified compaction per plans and specifications.

(Existing concrete removal)

Ironclad removed an existing concrete section that was underlying the existing demoed asphalt. Contractor removed the concrete and broke the material up to a 3" minus and spread the material out for fill in the building foundation.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Parking lot (bottom over-ex) compaction



Tom

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

SLM

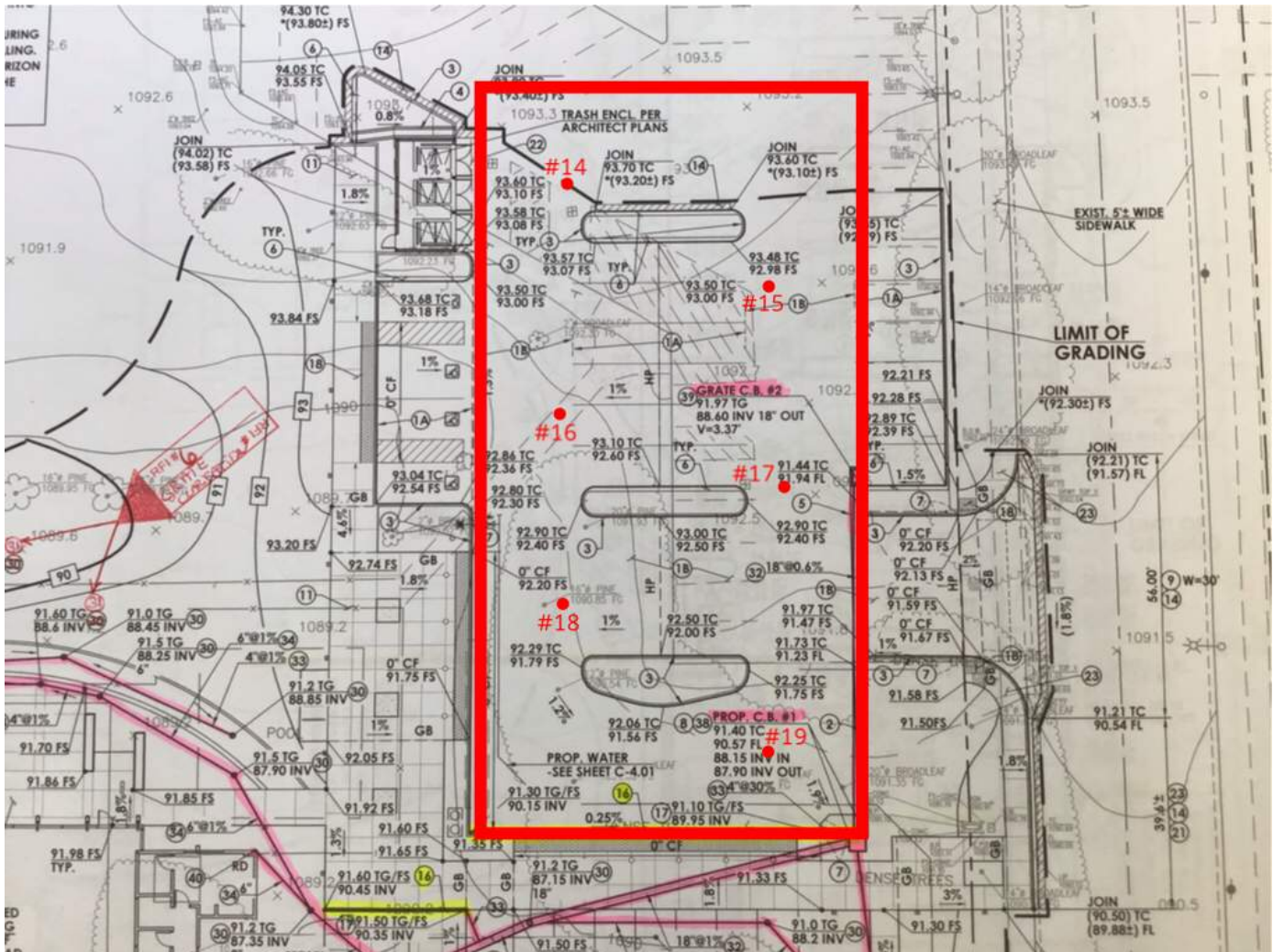
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Parking lot bottom (#14-19) plot plan



Acknowledged By *Signature*

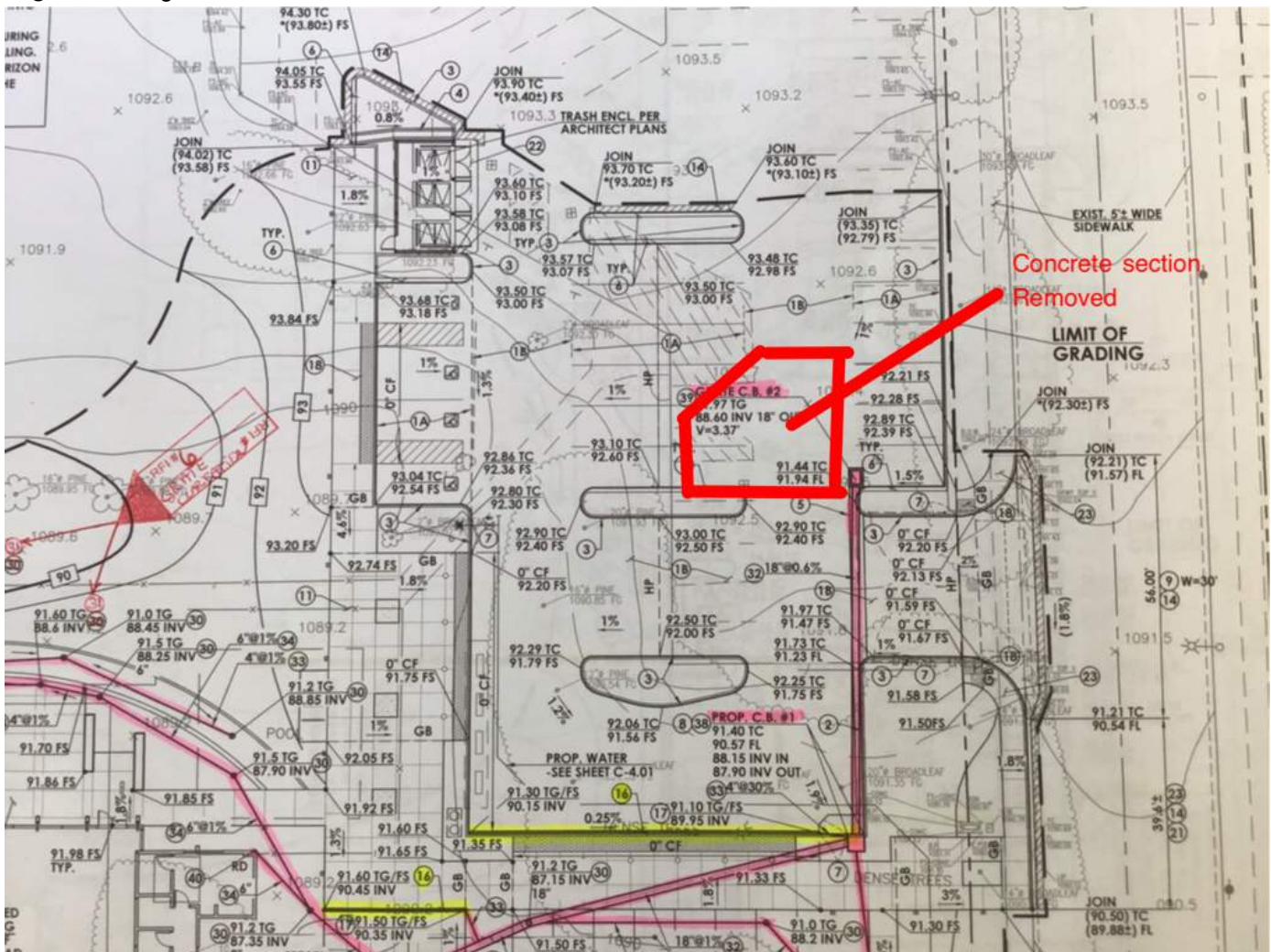
Signature
Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Shawn McLaren
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Existing concrete section removed



Acknowledged By *Signature*

Signature
Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Shawn McLaren
Kleinfelder Representative *Print Name*



Soil Density Report - May 20, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Parking lot bottom over-ex

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 5/20/20

Date of Calibration: 9/9/2019

Density Std. Count: 30556

Moisture Std. Count: 8134

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
14	8	/ 2	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	7.6	118.2	91.6
	Location: Parking lot bottom Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9									
15	8	/ 2	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	9.5	118.8	92.1
	Location: Parking lot bottom Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9									
16	8	/ 2	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	7.9	116.8	90.5
	Location: Parking lot bottom Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9									
17	8	/ 2	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	7.2	120.3	93.3
	Location: Parking lot bottom Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9									
18	8	/ 2	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	9.4	118.2	91.6
	Location: Parking lot bottom Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9									
19	8	/ 2	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	8.5	120.6	93.5
	Location: Parking lot bottom Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9									



Daily Field Report - May 21, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

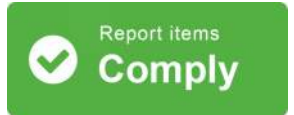
Client: City of Ontario, CA

Contractor: Ironclad

Time Start: 07:00 AM Time Stop: 09:00 AM

Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:



Documents Referenced:

Observations/Remarks:

I arrived on site to the Anthony Munoz park in the city of Ontario per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Stand by cancellation)

After being on site for a couple hours the superintendent informed me that the inspection request was cancelled. No testing was performed on this day.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*



Daily Field Report - May 22, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 80°F, Clear
Contractor: Ironclad Time Start: 07:00 AM Time Stop: 03:00 PM
Equipment: CAT 824G Compactor Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz park in the city of Ontario per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Community center building and pool section)

Ironclad was on site over-excavating the community center building and pool section. Ironclad had approved imported fill delivered from ontario airport. The delivery trucks placed soil from bottom dumps and the CAT 824G was used to spread soil in 8"-10" loose lifts and made 6-8 passes for compaction. I used a calibrated nuclear density gauge to check compaction and moisture content. 8 tests were taken, 8 tests met minimum specified compaction per plans and specifications.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Over-ex building pad compaction



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

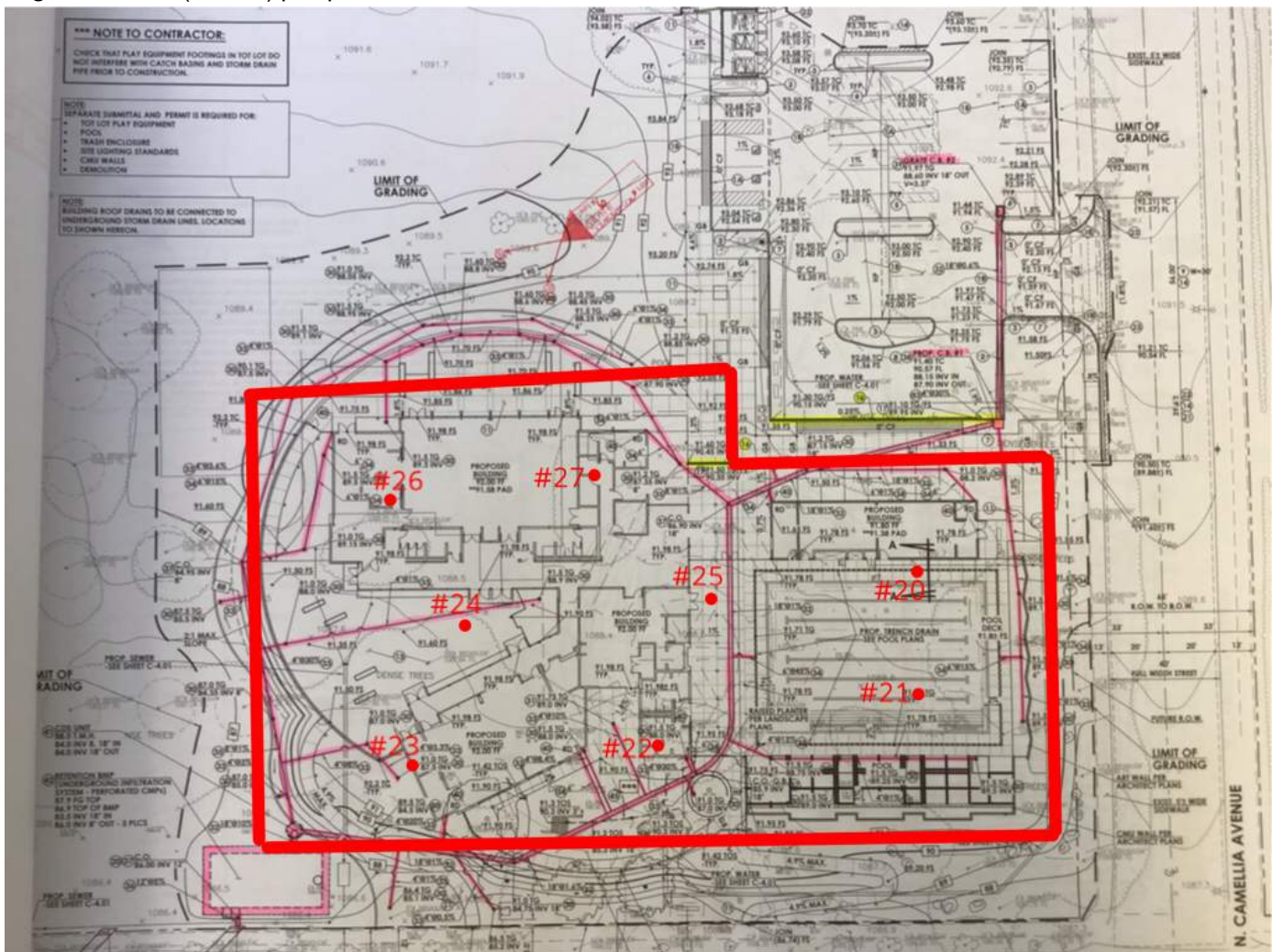
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Over-ex (#20-27) plot plan



Jan 12

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Sheela

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - May 22, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Community center and pool section over-ex

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 5/22/20

Date of Calibration: 9/9/2019

Density Std. Count: 30751

Moisture Std. Count: 8174

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20	8	1085 /	20-ONT-00528.1	132.5	7.8	90	4.8 - 10.8	8.9	123.6	93.3
	Location:		Pool							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
21	8	1085 /	20-ONT-00528.1	132.5	7.8	90	4.8 - 10.8	8.2	121.7	91.8
	Location:		Pool							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
22	8	1087 /	20-ONT-00528.1	132.5	7.8	90	4.8 - 10.8	6.7	119.8	90.4
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
23	8	1087 /	20-ONT-00528.1	132.5	7.8	90	4.8 - 10.8	8.5	122.4	92.4
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
24	8	1086 /	20-ONT-00528.1	132.5	7.8	90	4.8 - 10.8	9.5	123.1	92.9
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
25	8	1086 /	20-ONT-00528.1	132.5	7.8	90	4.8 - 10.8	8.8	120.7	91.1
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
26	8	1085 /	20-ONT-00528.1	132.5	7.8	90	4.8 - 10.8	10.1	122.2	92.2
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							



Soil Density Report - May 22, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
27	8	1085 /	20-ONT-00528.1	132.5	7.8	90	4.8 - 10.8	7.5	121.7	91.8
	Location: Remarks:		Community building Proctor: 20-ONT-00528.1 132.5 @ 7.8%							



Daily Field Report - May 22, 2020

by Sony Pheng for Anthony Munoz Community Center

DFR #:
CityofOntario_052220
_SamplePickUp_Sp
KLF Project #: 20210301.001A

Client: City of Ontario, CA

73°F, Clear

Contractor: N/A

Time Start: 10:00 AM Time Stop: 10:00 AM

Equipment: N/A

Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

N/A

Observations/Remarks:

Onsite to pick up 1 bulk bag for lab testing for Checkpoint.

Kleinfelder Representative *Signature*

Sony Pheng

Kleinfelder Representative *Print Name*



Daily Field Report - May 26, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 90°F, Clear
Contractor: Ironclad Time Start: 07:00 AM Time Stop: 03:00 PM
Equipment: CAT 824G compactor, CAT 14H blade, water truck Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz Community center in the city of Ontario per the request of Hamel construction and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Community building and pool over-ex)

Ironclad continued work with over-excavating the community center building and pool area for the Anthony Munoz project. Contractor has approved soil imported from the ontario airport project. Once the soil was delivered the 824 compactor spread the soil out in 8"-10" loose lifts. During placement and compaction the soil was moisture conditioned via water truck. I used a calibrated nuclear density gauge to check compaction and moisture. 9 tests were taken, 9 tests met minimum specified compaction per plans and specifications.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Compaction efforts



gms

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

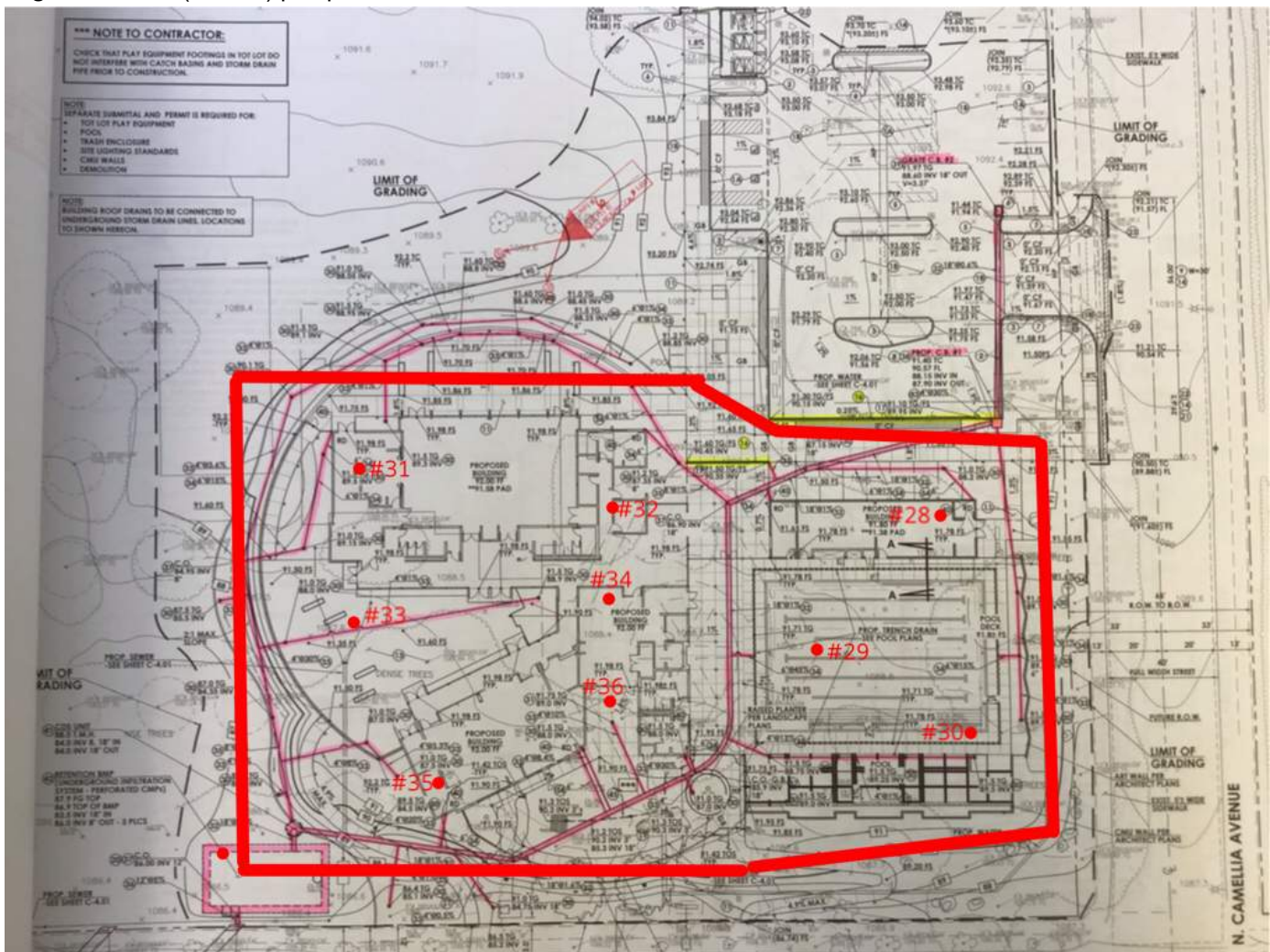
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Over-ex (#28-36) plot plan



forms

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Sh. Wh.

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - May 26, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Community center building & pool

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 5/26/20

Date of Calibration: 9/9/2019

Density Std. Count: 30439

Moisture Std. Count: 8080

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
28	8	1087.7 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	8.4	120.3	90.8
	Location:		Pool section							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
29	8	1087.6 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	8.1	122.6	92.5
	Location:		Pool section							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
30	8	1087.8 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	7.3	120.9	91.2
	Location:		Pool section							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
31	8	1087.8 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	7.9	123.1	92.9
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
32	8	1087.5 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	7.9	121.5	91.7
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
33	8	1087.8 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	8	120.5	90.9
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
34	8	1087.7 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	7.3	123.4	93.1
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							



Soil Density Report - May 26, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
35	8	1087.4 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	9.5	119.7	90.3
	Location: Community building		Remarks: Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
36	8	1087.7 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	9.4	120.5	90.9
	Location: Community building		Remarks: Proctor: 20-ONT-00528.1 132.5 @ 7.8%							



Daily Field Report - May 27, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 85°F, Clear
Contractor: Iron clad Time Start: 07:00 AM Time Stop: 03:00 PM
Equipment: CAT 623 scraper, CAT 824 compactor, water truck Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
 **Comply**

Documents Referenced:

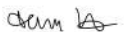
Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz Community center in the city of Ontario per the request of Hamel construction and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Community building and pool over-ex)

Ironclad continued work with over-excavating the community center building and pool area for the Anthony Munoz project. Contractor has approved soil imported from the ontario airport project. Once the soil was delivered the 824 compactor spread the soil out in 8"-10" loose lifts. During placement and compaction the soil was moisture conditioned via water truck. I used a calibrated nuclear density gauge to check compaction and moisture. 9 tests were taken, 9 tests met minimum specified compaction per plans and specifications.



Acknowledged By *Signature*



Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

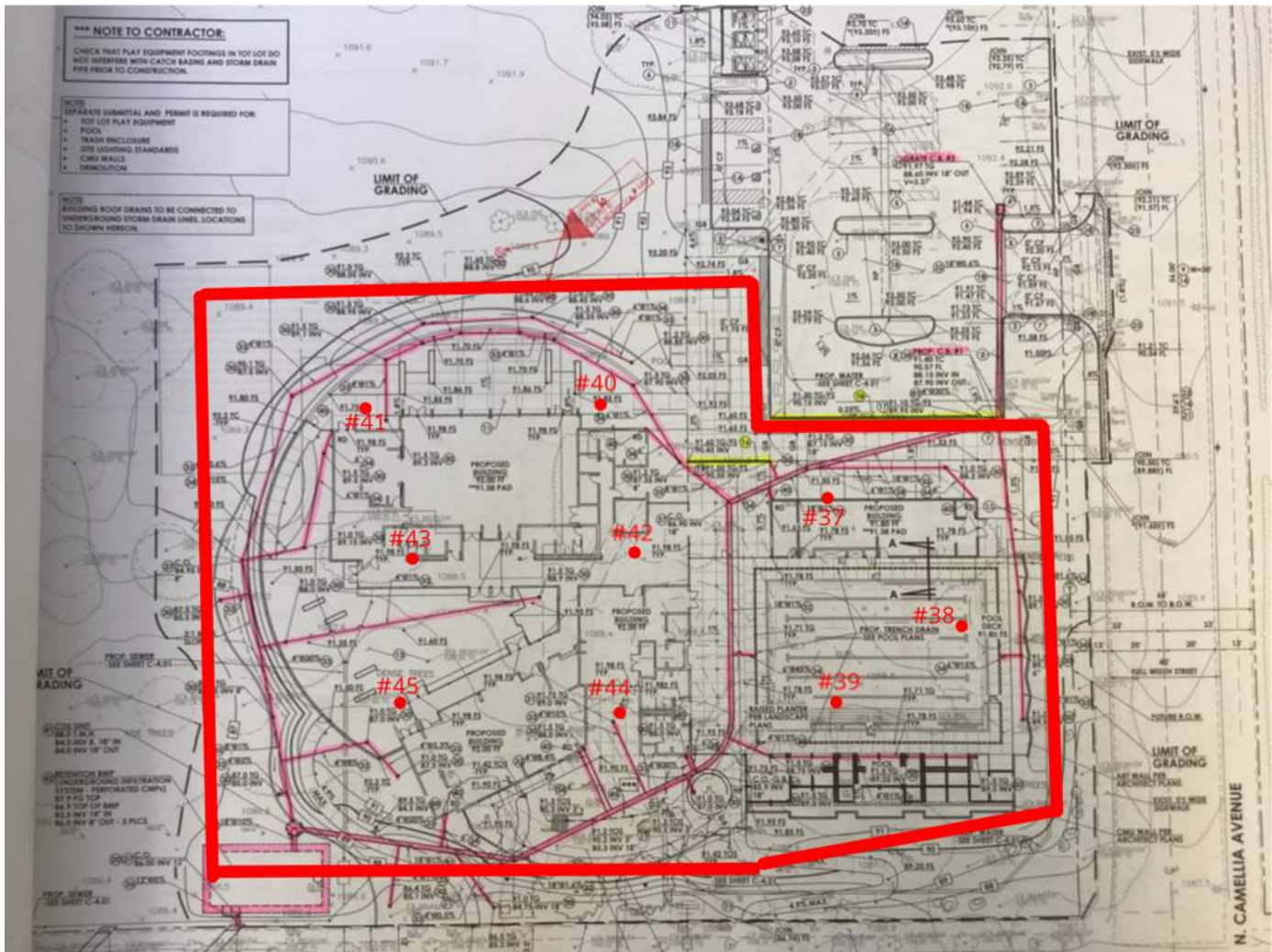
Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Over-ex (#37-45) plot plan



Acknowledged By *Shawn McLaren*
Signature

Shawn McLaren
Kleinfelder Representative Signature

Hamel - Tom Hanrahan
Representing Company Company Name

Shawn McLaren
Kleinfelder Representative Print Name



Soil Density Report - May 27, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Community center building and pool section

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 5/27/20

Date of Calibration: 9/9/2019

Density Std. Count: 30692

Moisture Std. Count: 8095

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
37	8	1089.9 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	7.3	124.3	93.8
	Location:		Pool section							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
38	8	1089.9 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	7.6	122.5	92.5
	Location:		Pool section							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
39	8	1089.9 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	8.1	121.7	91.8
	Location:		Pool section							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
40	8	1089.7 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	8.9	122	92.1
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
41	8	1089.7 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	9.1	120.8	91.2
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
42	8	1089.6 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	7.7	119.9	90.5
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
43	8	1089.9 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	9.4	119.1	89.9
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							



Soil Density Report - May 27, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
44	8	1089.7 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	8.5	122.2	92.2
	Location: Community building Remarks: Proctor: 20-ONT-00528.1 132.5 @ 7.8%									
45	8	1089.6 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	9.8	119.7	90.3
	Location: Community building Remarks: Proctor: 20-ONT-00528.1 132.5 @ 7.8%									



Daily Field Report - May 28, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 83°F, Clear
Contractor: Ironclad Time Start: 11:00 AM Time Stop: 03:00 PM
Equipment: CAT 14H Blade, CAT 623 scraper, water truck Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz Community center project in Ontario per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Community building and pool section over-ex)

Ironclad was on site final grading the building and pool foundations. Contractor used a CAT 14H blade and CAT 623 scraper to final grade the foundations. The contractor had a laborer pay extra attention to the top 12" of fill for small boulders and debris. The water truck made passes throughout the day to moisture condition the soil. The CAT 623 scraper was used to achieve compaction. I used a calibrated nuclear density gauge to check compaction and moisture content. 9 tests were taken, 9 tests met minimum specified compaction per plans and specifications.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Final grading



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

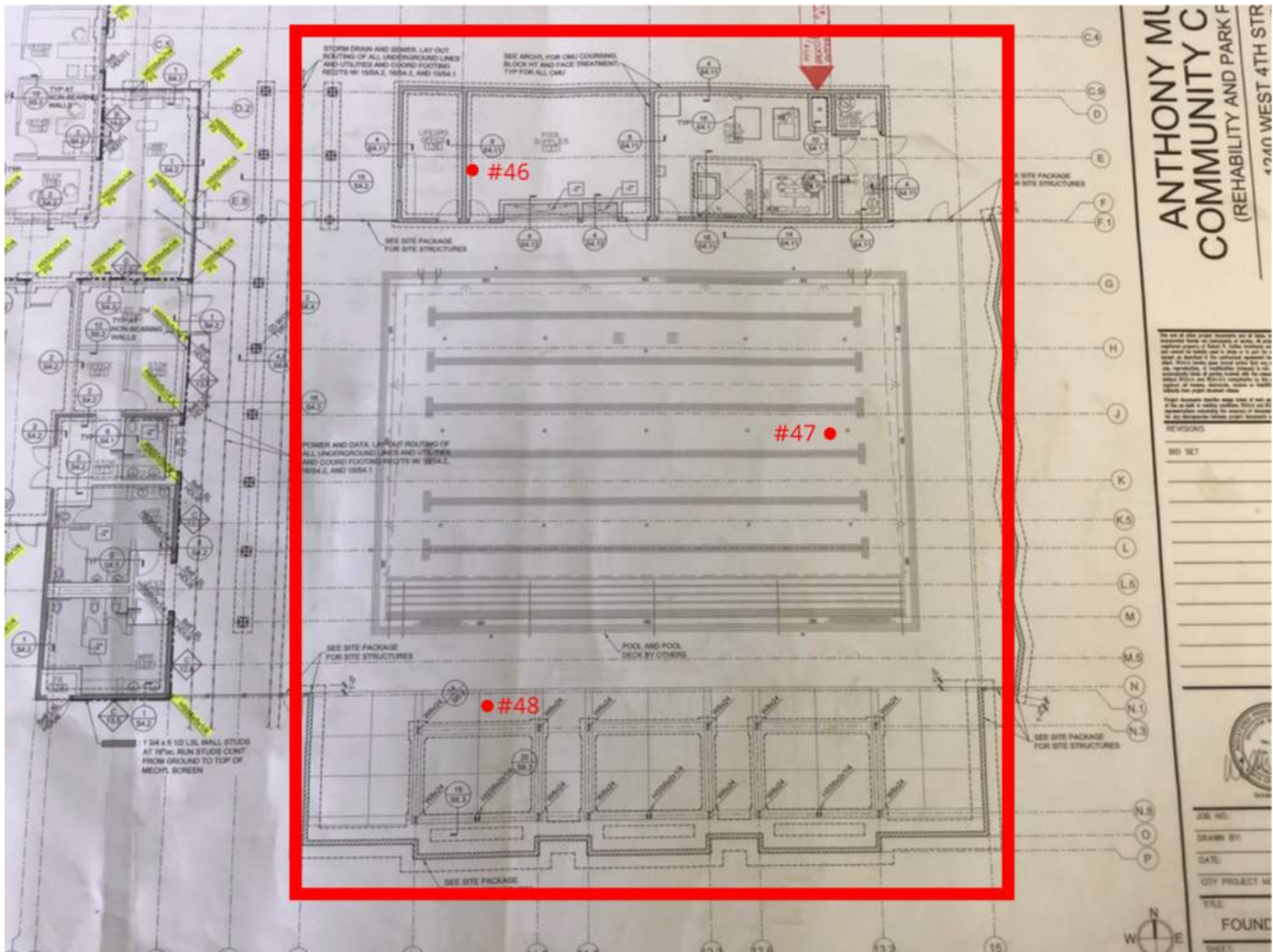
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Pool (#46-48) plot plan



Tom Hanrahan

Acknowledged By Signature

Hamel - Tom Hanrahan

Representing Company Company Name

Shawn McLaren

Kleinfelder Representative Signature

Shawn McLaren

Kleinfelder Representative Print Name

Plans and Markups

Fig. 2: Community building (#49-54) plot plan



Tom Hamel

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - May 28, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Community building and pool section

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 5/28/20

Date of Calibration: 9/9/2019

Density Std. Count: 30644

Moisture Std. Count: 8039

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
46	8	1091.7 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	8.7	124.4	93.9
	Location:		Pool section							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
47	8	1091.7 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	8.3	122.9	92.8
	Location:		Pool section							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
48	8	1091.7 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	7.5	124.7	94.1
	Location:		Pool section							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
49	8	1091.6 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	9.3	126.2	95.2
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
50	8	1091.6 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	9.1	120.7	91.1
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
51	8	1091.6 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	8.1	123.3	93.1
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
52	8	1091.8 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	9	119.8	90.4
	Location:		Community building							
	Remarks:		Proctor: 20-ONT-00528.1 132.5 @ 7.8%							



Soil Density Report - May 28, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
53	8	1091.6 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	7.5	121.6	91.8
	Location: Community building		Remarks: Proctor: 20-ONT-00528.1 132.5 @ 7.8%							
54	8	1091.6 /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	9.6	125.6	94.8
	Location: Community building		Remarks: Proctor: 20-ONT-00528.1 132.5 @ 7.8%							



Daily Field Report - Jun 5, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA

80°F, Clear

Contractor: Hamel

Time Start: 09:30 AM Time Stop: 11:30 AM

Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Report items

Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center project in the city of Ontario per the request of Hamel and spoke to Tom (superintendent) about the inspections needed for the day.

(Pool building surge tank bottom)

The pool surge tank was excavated prior to my arrival. I used a probe to check relative compaction of footing bottoms. Probing confirmed soil was firm and unyielding. Superintendent was notified.

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Surge tank bottom



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

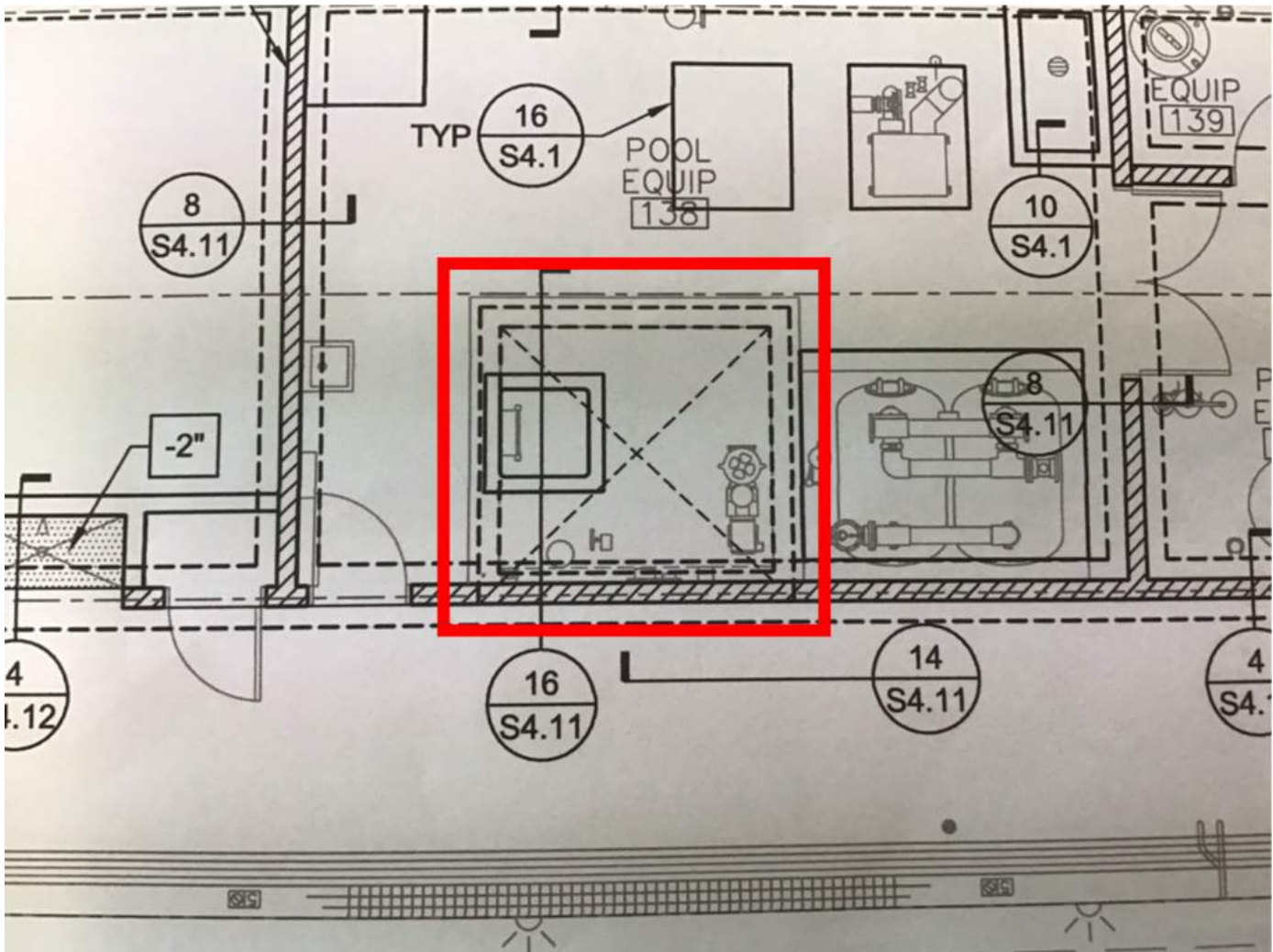
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Surge tank location



Tom Hanrahan
Acknowledged By *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Shawn McLaren
Kleinfelder Representative *Signature*

Shawn McLaren
Kleinfelder Representative *Print Name*



Daily Field Report - Jun 8, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 81°F, Windy
Contractor: JPI Time Start: 10:30 AM Time Stop: 04:30 PM
Equipment: CAT 938 loader, (2) Deere 250G excavator w/sheeps foot, water truck Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

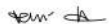
Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center in the city of Ontario per the request of Hamel and spoke to Tom (superintendent) about the inspections needed for the day.

(Main sewer & laterals)

JPI was on site shading and backfilling the main sewer line. Contractor used sand for bedding (6" below pipe) and used native soil for shading and backfill. Contractor used a loader to place soil and the excavator spread the soil in 8"-12" loose lifts. The soil was moisture conditioned in stockpile and during placement. (2) Deere 250G excavators with sheep's foot were used to achieve compaction. I used a calibrated nuclear density gauge to check compaction and moisture. 4 tests were taken, 4 tests met minimum specified compaction per plans and specifications.



Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*



Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Sewer line before backfill



Fig. 2: Backfill compaction



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

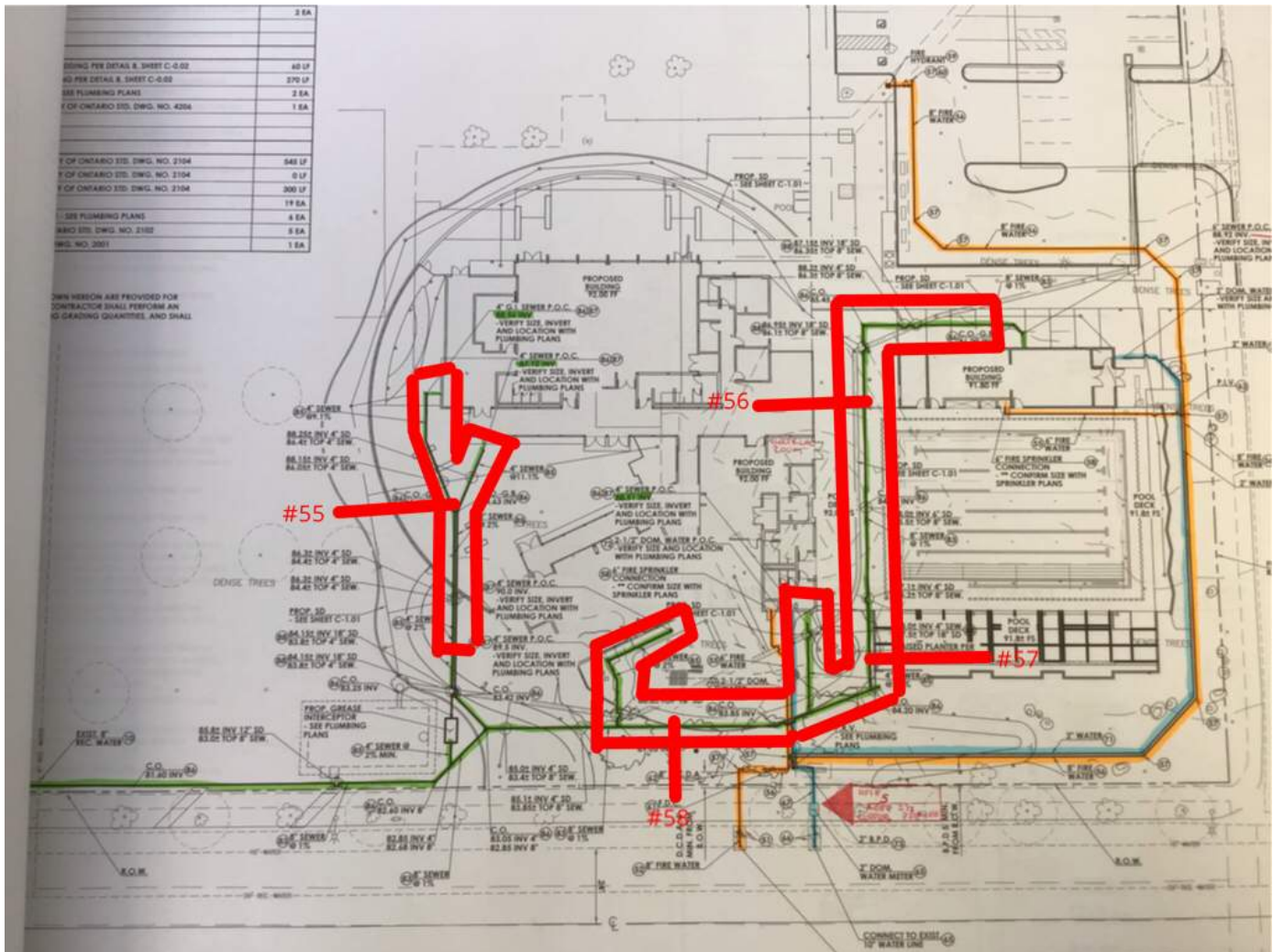
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Sewer line (#55-58) plot plan



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - Jun 8, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location:	Sewer main	Test Method:	ASTM D6938
Test Type:	Nuclear Gauge	Gauge Make/Model:	CPN / MC3
Gauge Serial No.:	M350607946	Date of Calibration:	9/9/2019
Date of Std./Adj.:	6/8/20	Moisture Std. Count:	7924
Density Std. Count:	30595		

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
55	8	/ 4	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.5	116.4	90.2
	Location: Sewer line		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							
56	8	/ 3	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.9	117	90.7
	Location: Sewer line		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							
57	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9	116.1	90
	Location: Sewer line		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							
58	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.6	118.9	92.2
	Location: Sewer line		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							



Daily Field Report - Jun 9, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 93°F, Clear
Contractor: Hamel Constuction, JPI, KAR constuction Time Start: 06:30 AM Time Stop: 03:30 PM
Equipment: CAT 938 Loader, (2) Deere 250G Excavator W/ Sheeps foot, Water Truck Traveled .25 hrs, 5 mi.

Types of Tests/Observations Performed:

Reinforcing Steel, Soil / Density Testing



Documents Referenced:

S4.11, C4.01, S0.1 of approved site plans

Observations/Remarks:

I arrived onsite to Anthony Munoz community center in the Cit of Ontario per the request of Hamel Contracting. Upon arrival I met with Tom (superintendent) about inspections needed for the day. Tom notified me that JPI would be completing back fill of the main sewer line from where they had left off the previous day. He also notified me of scheduled rebar delivery for footings in the pool surge pit area that would need material verification as well as placement inspection.

JPI MAIN SEWER LINE BACK FILL OBSERVATION AND TESTING

JPI was onsite with a crew of (4) to continue sewer line back fill from where they had left off the previous day. JPI had roughly 30' of sewer trench back fill remaining located at the South West side of the site located at the tie in from 4th Street. The crew used their loader to place material and excavator spread in loose 8-10" lifts. The material was moisture conditioned in stockpile and during placement. (2) Deere 250G excavators with sheep's foot were used to achieve compaction. At 10:30am the crew notified they would be stopping on sewer line back fill that they had been notified of city inspection needed due to changes made for line crossing storm drain. They notified they would have a 1:00pm inspection and then pending inspection would continue back fill.

At this time the crew notified they would begin excavation of storm drain line running just outside the west side of the pad. The crew used their Deere backhoe as well as 250G excavator to begin excavation of the storm drain trench. At 2:15pm Matt with City of Ontario arrived and performed inspection of 4" sewer line. At this time contractor notified they would continue excavation of storm drain trench and complete sewer back fill at another time.

KAR CONSTRUCTION REBAR VERIFICATION AND INSPECTION

KAR Construction was onsite and received delivery of rebar for the pool surge pit footings, foundation, and slab. I verified reinforcing steel was per detail 16 on S4.11 as well as met standards per provided mill certs and S0.1 reinforcing steel note 1. All steel delivered was of correct size, grade, and shape and was bent where needed prior to delivery. Upon verification of materials the crew began to offload steel and install reinforcement steel in the pool surge pit footing area. The crew installed all reinforcing steel per S4.11 Detail 16. All steel was checked for correct size, spacing, and shape and was per approved plans mentioned above.

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Matt with City of Ontario arrived onsite at 2:30pm and performed city inspection of placed rebar for the pool surge pit footings. Matt approved footing reinforcement and approved concrete pour scheduled for 6/10/2020 at 7:00am.

Photo Log

Fig. 1: Sewere line back fill south west corner at 4th st. Tie in



Fig. 2: Sewer line back fill continued



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Tim

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 3: Excavator used for sewer line back fill



Fig. 4: Approved mill certs for pool surge pit reinforcement steel

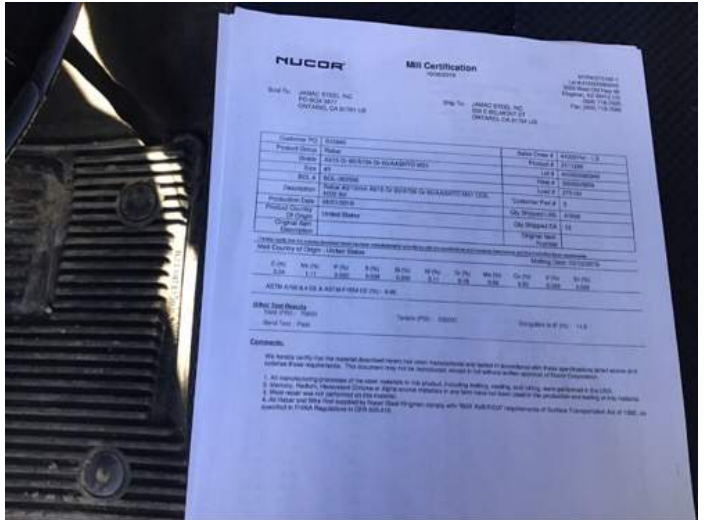


Fig. 5: Mill cert continued

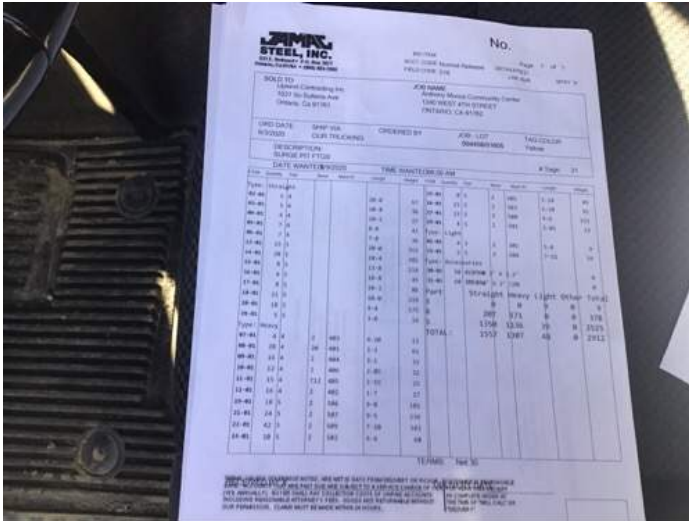
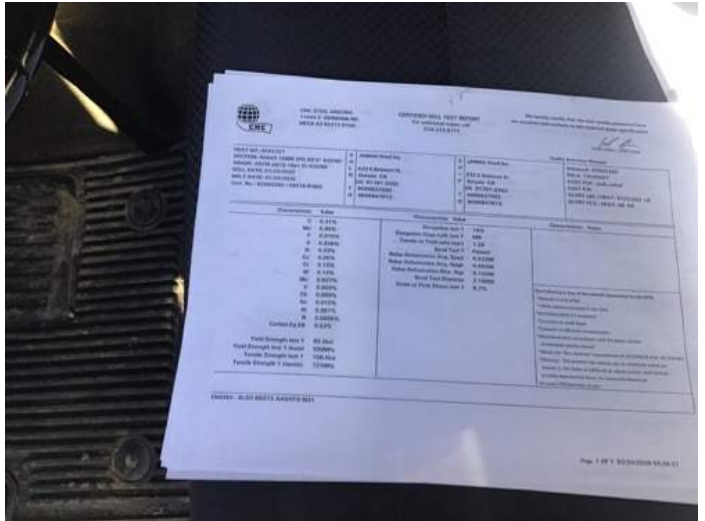


Fig. 6: Mill cert continued



Acknowledged By *Signature*

Tom-Hamel Construction
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 7: Mill cert continued

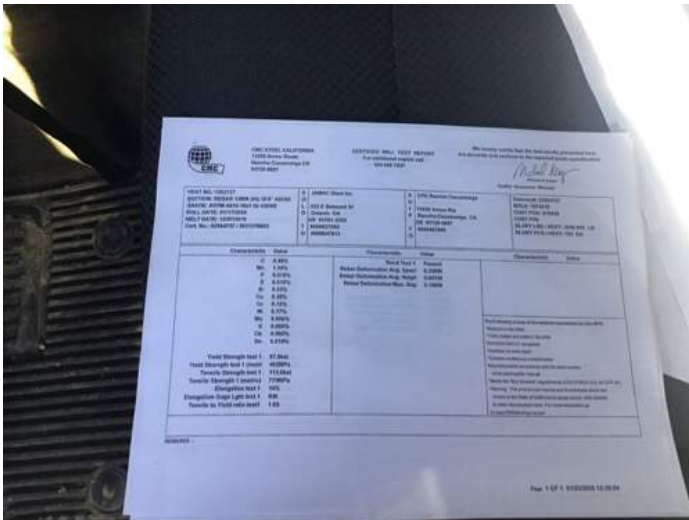


Fig. 8: Mill cert continued

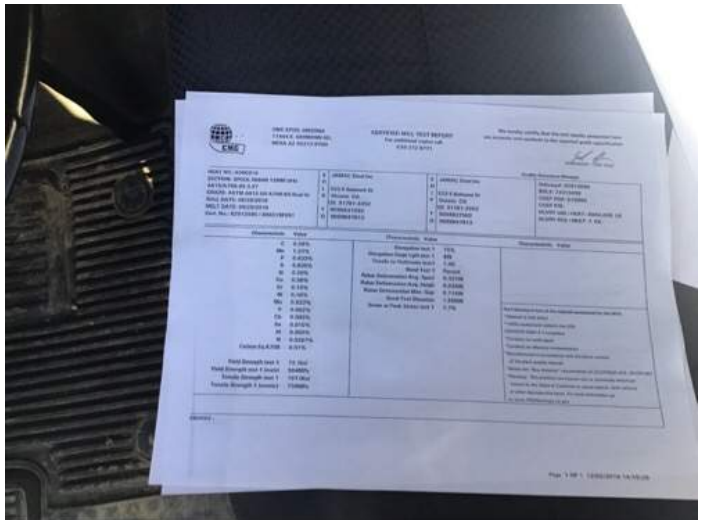


Fig. 9: Mill cert continued

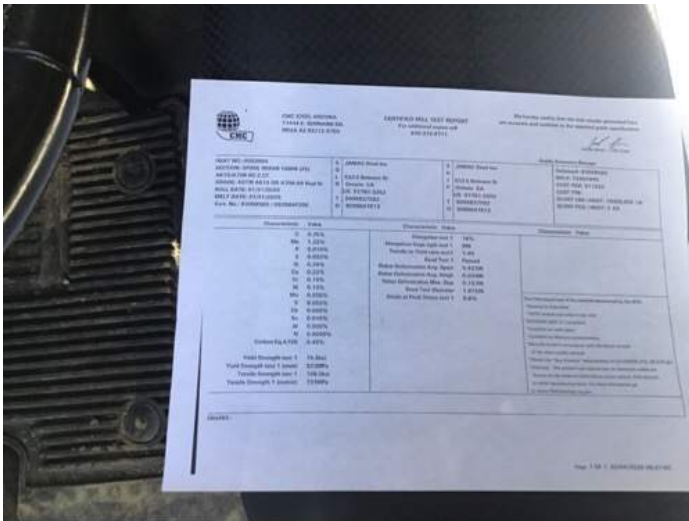
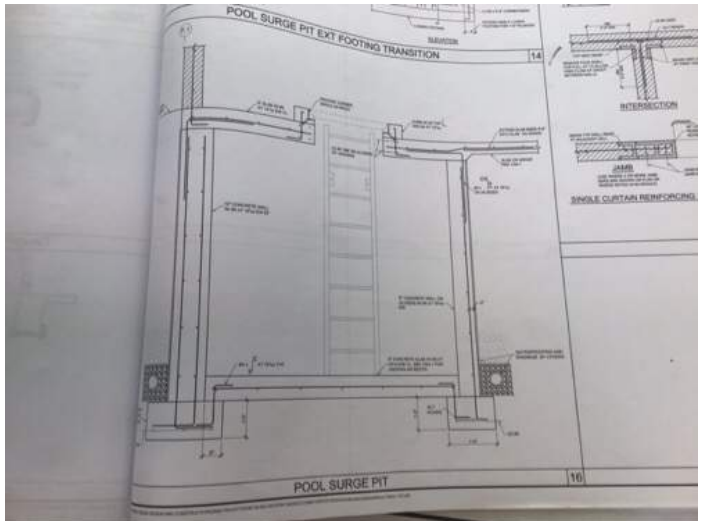


Fig. 10: Pool surge pit Detail 16 S4.11



Acknowledged By *Signature*

Tom-Hamel Construction
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 11: Reinforcing Steel Note 1 S0.1

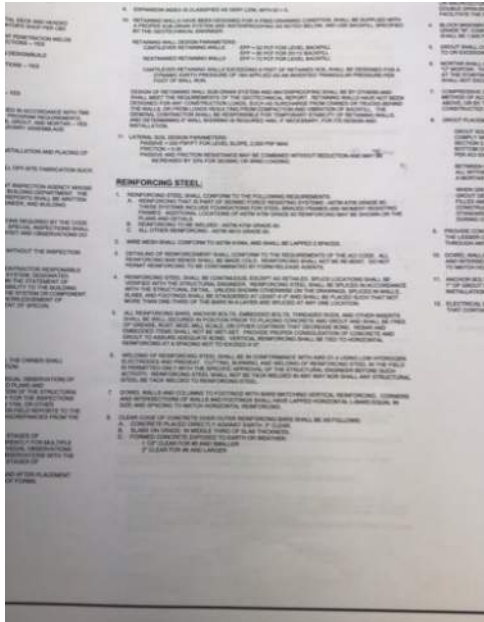


Fig. 12: Storm drain trench excavation



Fig. 13: Pool surge pit footing rebar placement per S4.11 Detail 16



Acknowledged By *Signature*

Tom-Hamel Construction
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*



Daily Field Report - Jun 10, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Constuction, JPI, KAR constuction
Equipment: Excavator, Loader, Water Truck, Backhoe

77°F, Clear
Time Start: 06:30 AM Time Stop: 12:00 PM
Traveled .15 hrs, 5 mi.

Types of Tests/Observations Performed:

Concrete, Soil / Density Testing



Documents Referenced:

C4.01, S4.11 Detail 16

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center Ontario CA, per request of Tom with Hamel Construction, for scheduled soils observation and testing as well as concrete sampling and testing. Upon arrival I met with Tom at which time he notified me that KAR Construction would be placing concrete for footings in the Pool Surge Pit area at 8:00am and JPI would be continuing excavation of the storm drain trench as well as complete back fill of 4" sewer line on the south west side of the pad.

KAR CONSTRUCTION CONCRETE PLACEMENT OBSERVATION AND TESTING

KAR construction was onsite to place concrete for footings of the pool surge pit. Reinforcing steel was placed the previous day (please see DFR from Kleinfelder tech Tim Miller from 6/9/2020 for reinforcing references). All steel was placed per S4.11 Detail 16 of approved plans. There was a total of 6yds placed. I took (1) slump test at time of pour as well as casted (1) set of (5) 6x12 cylinders for compression testing. Upon completion of concrete sampling and placement I notified Tom (superintendent) with Hamel of completion.

At this time Tom notified me of JPI needing trench bottoms verified and probed as well as back fill planed for the remaining exposed sewer line trench.

JPI STORM DRAIN EXCAVATION AND 4" SEWER LINE BACK FILL OBSERVATION AND TESTING

JPI had a crew of (5) onsite that continued excavation of trench for 18" storm drain. The crew used their 250G excavator as well as backhoe to excavate the storm drain trench that varied in depth. I manually probed various areas along trench excavation to verify firm and unyielding trench bottom. All areas probed showed to be firm and unyielding with probe penetration not exceeding 2.5". Upon excavation the crew began placement of sand bedding before placing 18" storm drain to prepare for city inspection at 2:00pm. At 12:00pm I notified Tom with Hamel Construction that sub contractor JPI was unsure at this time of back fill completion of 4" sewer line due to priority of storm drain completion for city inspection. At this time Tom notified excessive stand by was not needed and would reschedule testing of 4" sewer line back fill.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Tom-Hamel Construction
Representing Company *Company Name*

Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Storm drain excavation



Fig. 2: Sand bedding placement with backhoe



Fig. 3: Concrete placement pool surge pit footing



Fig. 4: Consolidatin with vibrator of pool surge pit footing



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Tim

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 5: 1 set of 5 6x12 cylinders taken at time of placement



Fig. 6: Truck #1 batch ticket

[illegible]

John H

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Tw

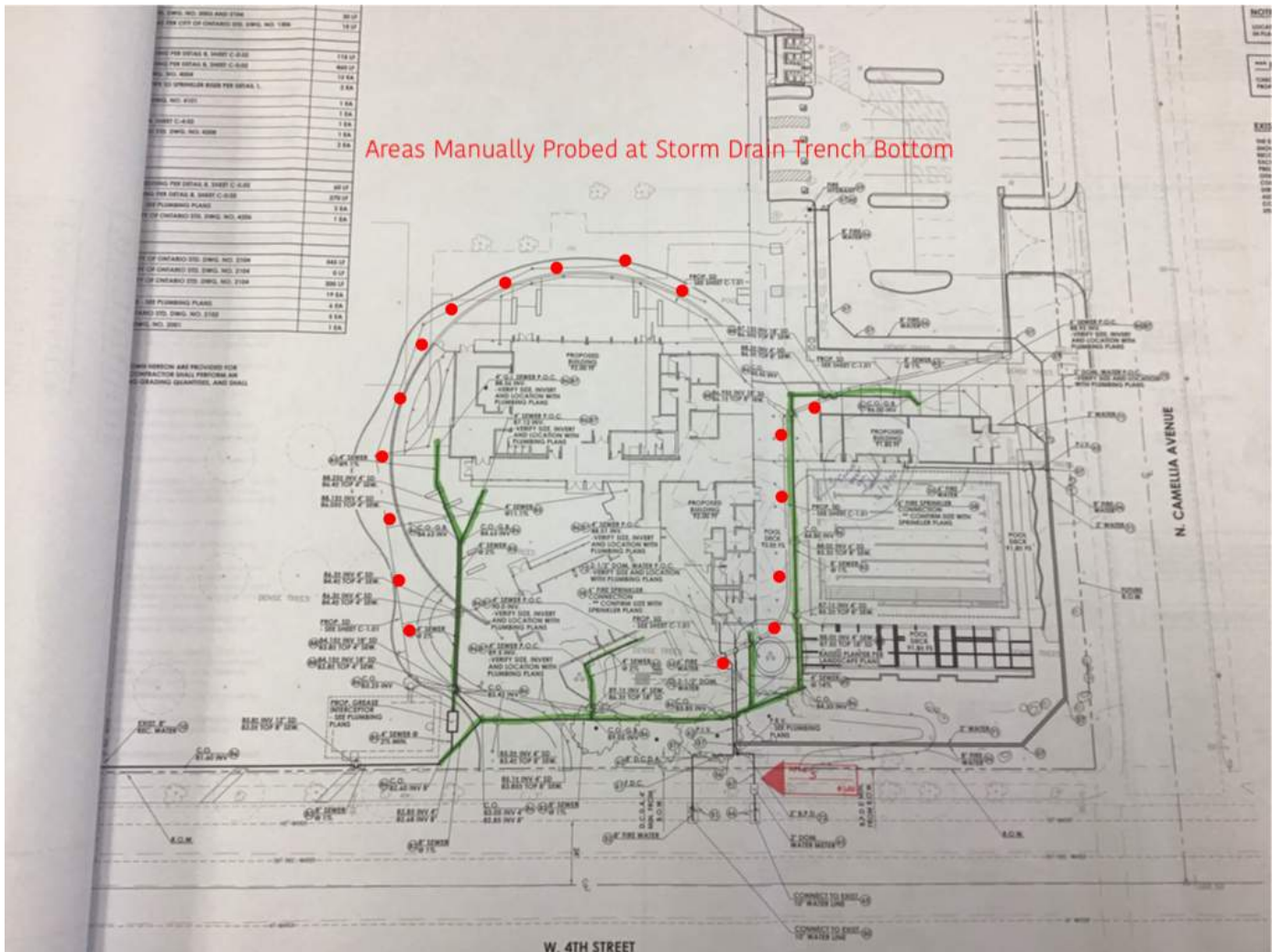
Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Areas manually probed at storm drain trench bottom



Acknowledged By *Signature*

Signature
Kleinfelder Representative *Signature*

Tom-Hamel Construction
Representing Company *Company Name*

Tim Miller
Kleinfelder Representative *Print Name*



Sampling & Testing Log

Jun 10, 2020

KLF Project #: 20210301.001A

by **Tim Miller** for **Anthony Munoz Community Center**

Supplier: Holiday Rock 1 set(s) of Concrete Cylinders cast
Mix Design #: 3C40L600 4000PSI @28 days Specified Strength: **4000** psi @ **28** days required
Building Element: Footing
General Location: Pool Surge Pit Footing

**Denotes a test outside of specification*

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
250 / 101159452 / 1	10	7:47am	8:30am	9:15am	43	4"	N/A	N/A	72	77	0	5
Specific Location: Pool Surge Pit Footing												



Daily Field Report - Jun 11, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA

80°F, Clear

Contractor: JPI

Time Start: 07:00 AM Time Stop: 01:00 PM

Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Report items

Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center project in the city of Ontario per the request of Hamel and spoke to Tom (superintendent) about the inspections needed for the day.

(Storm drain)

JPI was on site back filling/compacting the storm drain. Sand was used for bedding (6" below pipe). Native soil was used for shading. JPI used a loader and backhoe to place soil in 8"-10" loose lifts. Soil was moisture conditioned during placement and compaction. A backhoe and excavator w/sheep's foot was used to achieve compaction. I used a calibrated nuclear density gauge to check compaction and moisture content. 2 tests were taken, 2 tests met minimum specified compaction per plans and specifications. Work is on-going.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Storm drain before backfill



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

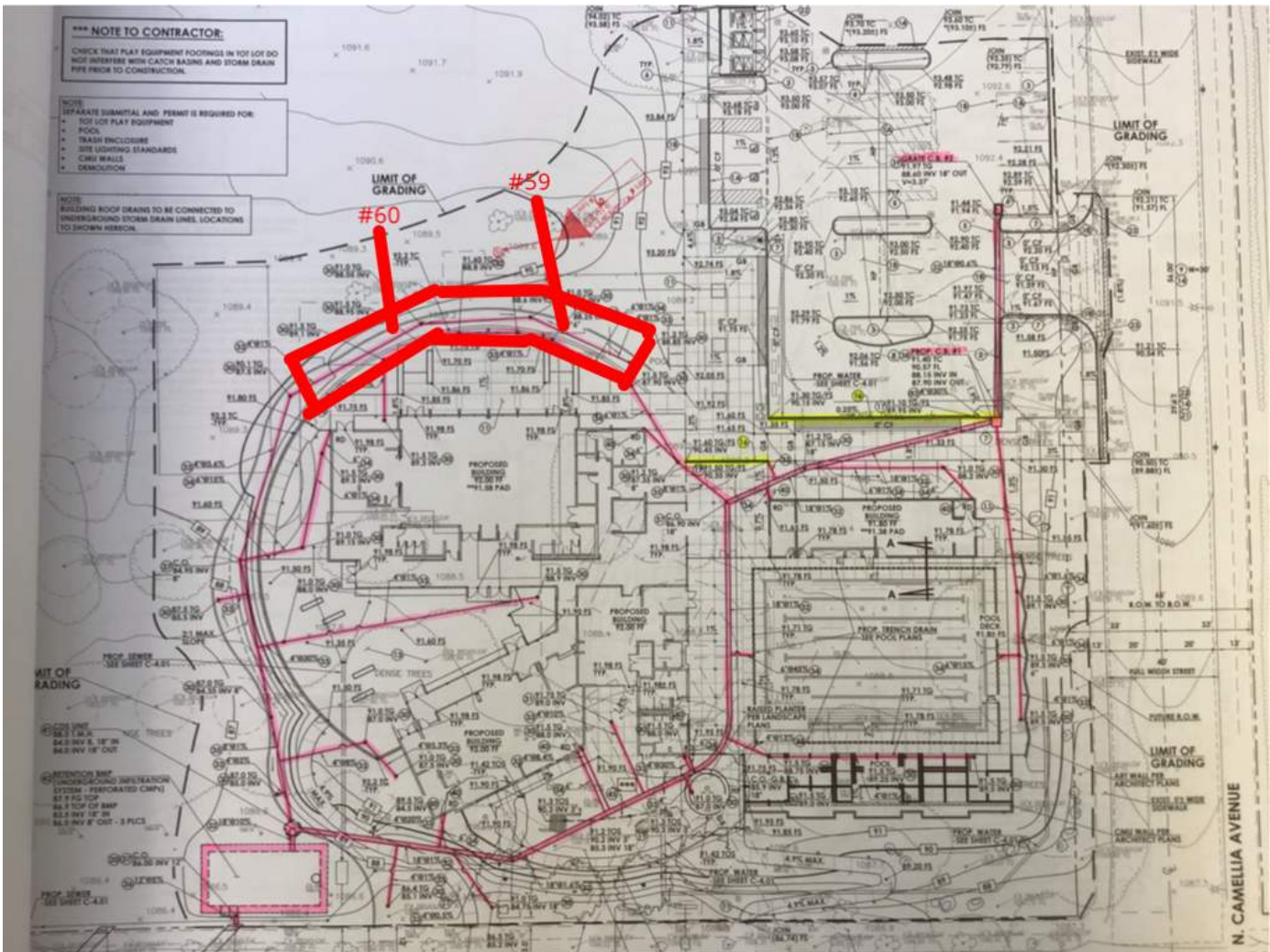
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Storm drain (#59-60) plot plan



QMI 1A

Acknowledged By Signature

Hamel - Tom Hanrahan

Representing Company Company Name

Shawn McLaren

Kleinfelder Representative Signature

Shawn McLaren

Kleinfelder Representative Print Name



Soil Density Report - Jun 11, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Storm drain
Test Type: Nuclear Gauge
Gauge Serial No.: M350607946
Date of Std./Adj.: 6/11/20
Density Std. Count: 30497
Test Method: ASTM D6938
Gauge Make/Model: CPN / MC3
Date of Calibration: 9/9/2019
Moisture Std. Count: 7991

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
59	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.2	116.8	90.5
	Location: Storm drain (north section) Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%									
60	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.6	116.2	90.1
	Location: Storm drain (north section) Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%									



Daily Field Report - Jun 12, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 85°F, Clear
Contractor: JPI, upland rebar Time Start: 07:00 AM Time Stop: 03:30 PM
Equipment: Deere 250G excavator w/sheeps foot, backhoe, CAT 938 loader, water truck Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Reinforcing Steel, Soil / Density Testing



Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center project in the city of Ontario per the request of Hamel and spoke to Tom (superintendent) about the inspections needed for the day.

(Storm drain)

JPI was on site back filling/compacting the storm drain. Sand was used for bedding (6" below pipe). Native soil was used for shading. JPI used a loader and backhoe to place soil in 8"-10" loose lifts. Soil was moisture conditioned during placement and compaction. A backhoe and excavator w/sheep's foot was used to achieve compaction. I used a calibrated nuclear density gauge to check compaction and moisture content. 6 tests were taken, 6 tests met minimum specified compaction per plans and specifications.

(Surge tank walls - rebar inspection)

Upland rebar was on site placing reinforcement for the pool surge tank walls. All rebar sizes, ties, spacing and fitment met specifications per plans. Concrete placement will be performed on the next work week. See pictures below for placement and details.

(Concrete sample pick up)

I collected (5) 6x12 concrete cylinders fabricated by Tim Miller on 6/10/20. Samples were transported to the Kleinfelder lab for storage and testing.

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Storm drain compaction efforts



Fig. 2: Rebar placement for surge tanks walls



Fig. 3: Surge tank detail 1

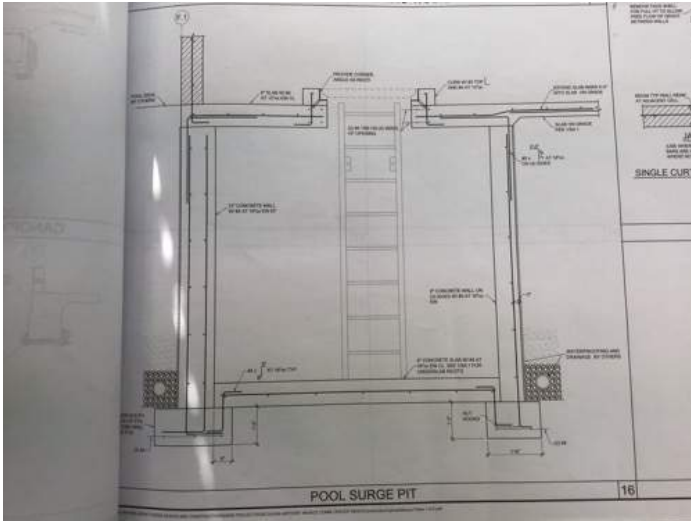
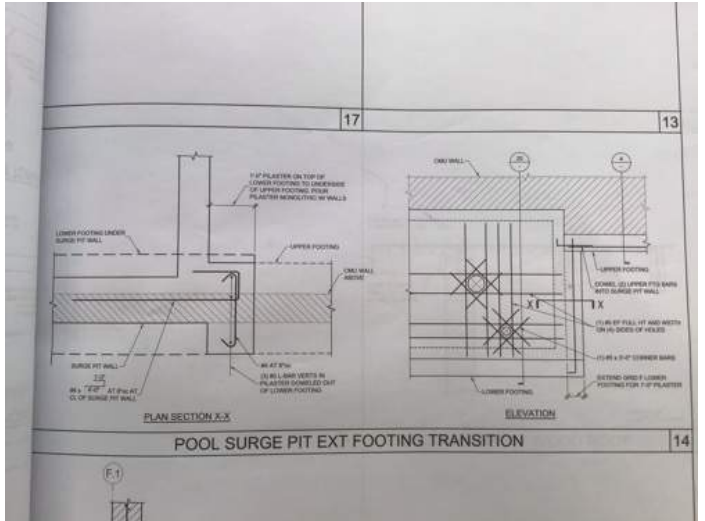


Fig. 4: Surge tank details 2



[Signature]

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

[Signature]

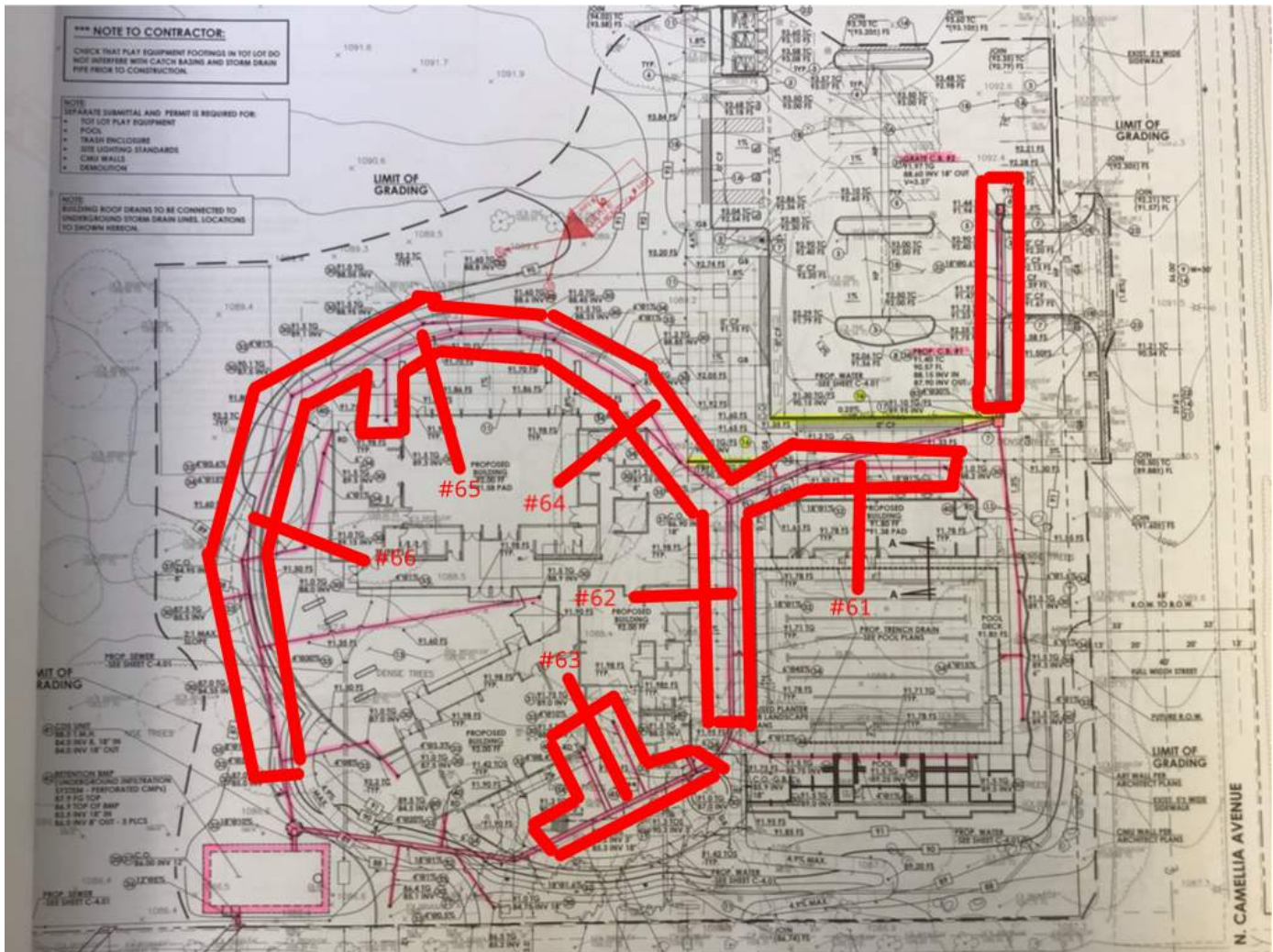
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Storm drain (#61-66) plot plan



Acknowledged By *Signature*

Signature
Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Shawn McLaren
Kleinfelder Representative *Print Name*



Soil Density Report - Jun 12, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location:	Storm drain		
Test Type:	Nuclear Gauge	Test Method:	ASTM D6938
Gauge Serial No.:	M350607946	Gauge Make/Model:	CPN / MC3
Date of Std./Adj.:	6/12/20	Date of Calibration:	9/9/2019
Density Std. Count:	30650	Moisture Std. Count:	8039

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
61	8	/ 3	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.7	116.8	90.5
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129.0 @ 7.9%							
62	8	/ 3	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	7.9	118.1	91.6
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129.0 @ 7.9%							
63	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.2	117	90.7
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129.0 @ 7.9%							
64	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.5	115.9	89.8
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129.0 @ 7.9%							
65	8	/ 3	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.6	119.3	92.5
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129.0 @ 7.9%							
66	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8	116.1	90
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129.0 @ 7.9%							



Daily Field Report - Jun 16, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 70°F, Partly Cloudy
Contractor: JPI, KAR Time Start: 07:00 AM Time Stop: 03:30 PM
Equipment: John Deere 250G excavator, CAT loader, water truck Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Concrete, Soil / Density Testing

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center project in Ontario per the request of Hamel and spoke to Tim (superintendent) about the inspections needed for the day.

(Storm drain backfill)

JPI was on site back filling/compacting storm drain. Sand was used for pipe bedding (6" below pipe) and native soil was used to shade the pipe. Contractor used a CAT loader to place soil in 8"-12" lifts. Soil was moisture conditioned in stockpile and during placement. A John Deere 250G excavator with sheep's foot was used to achieve compaction. I used a calibrated nuclear density gauge to check compaction and moisture content. 5 tests were taken, 5 tests met minimum specified compaction per plans and specifications.

(Pool surge tank walls-concrete)

Concrete pour was canceled.

Tim Manshach

Acknowledged By *Signature*

Shawn McLaren

Kleinfelder Representative *Signature*

Hamel - Tim Manshach

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Storm drain backfill/compaction



Tim Manshack

Acknowledged By *Signature*

Hamel - Tim Manshack

Representing Company *Company Name*

Shawn McLaren

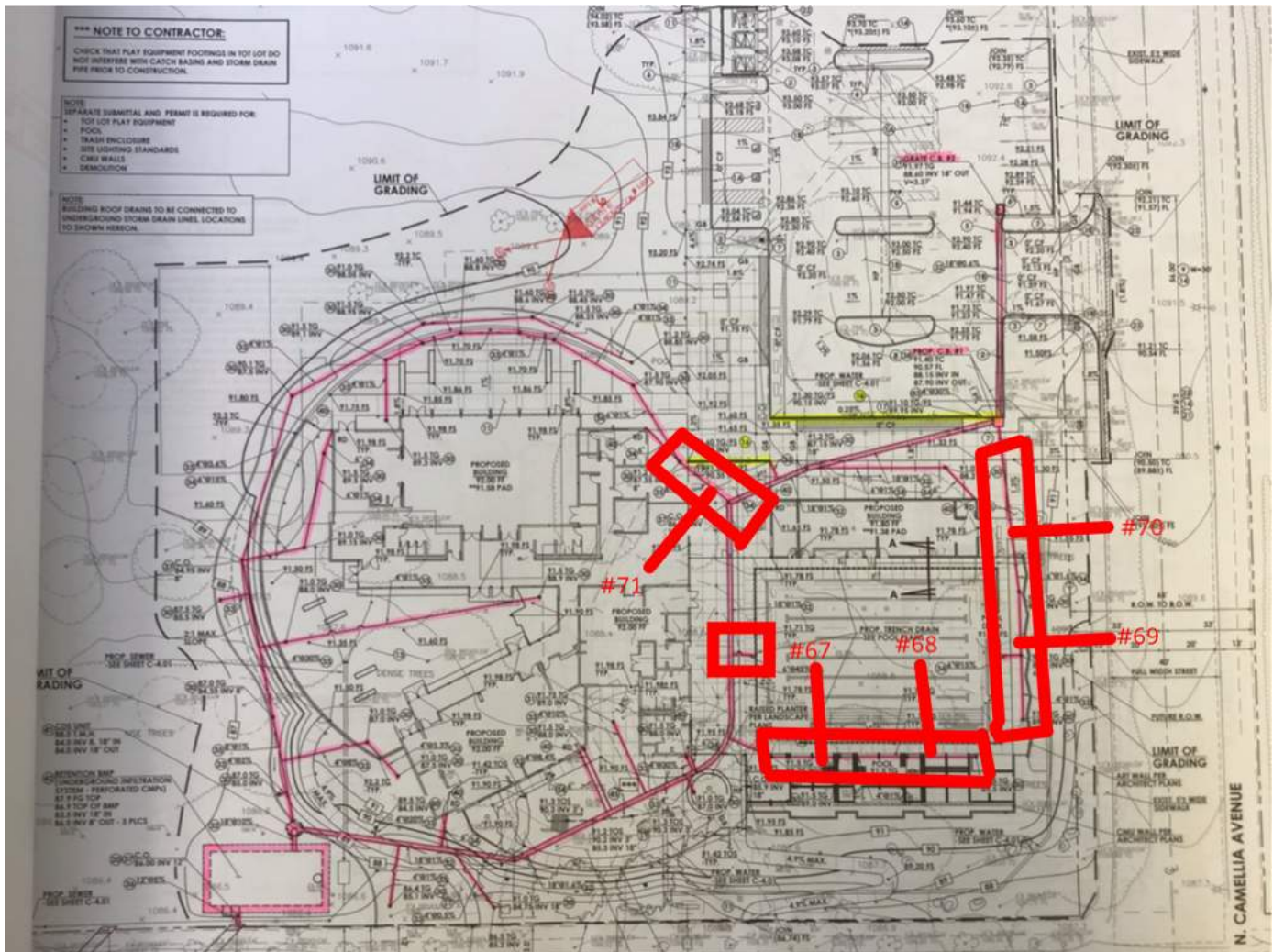
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Storm drain (#67-71) plot plan



Tim Manshack

Acknowledged By *Signature*

Hamel - Tim Manshack

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - Jun 16, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Storm drain

Test Type: Nuclear Gauge Test Method: ASTM D6938

Gauge Serial No.: M350607946 Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 6/16/20 Date of Calibration: 9/9/2019

Density Std. Count: 30518 Moisture Std. Count: 7905

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
67	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.8	118.4	91.8
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
68	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.5	116.4	90.2
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
69	8	/ 21	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.5	117.2	90.9
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
70	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	7.8	119.1	92.3
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
71	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.6	116.1	90
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							



Daily Field Report - Jun 17, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 85°F, Clear
Contractor: JPI Time Start: 11:30 AM Time Stop: 03:30 PM
Equipment: John Deere 250G excavator w/sheeps foot, water truck Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center project in Ontario per the request of Hamel and spoke to Tim (superintendent) about the inspections needed for the day.

(Storm drain backfill)

JPI was on site back filling/compacting storm drain. Sand was used for pipe bedding (6" below pipe) and native soil was used to shade the pipe. Contractor used a CAT loader to place soil in 8"-12" lifts. Soil was moisture conditioned in stockpile and during placement. A John Deere 250G excavator with sheep's foot was used to achieve compaction. I used a calibrated nuclear density gauge to check compaction and moisture content. 2 tests were taken, 2 tests met minimum specified compaction per plans and specifications.

(Electrical from west side of building to electrical room)

Barkley Andross was on site backfilling the electrical trench for the west end of the building to the main electrical room. Contractor backfilled/compacted the trench prior to my arrival. I had the contractor pothole two sections for me. I used a calibrated nuclear density gauge to check compaction and moisture content. 2 tests were taken, 2 tests met minimum specified compaction per plans and specifications.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tim Manshach

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Storm drain compaction



Tim Manshach

Acknowledged By *Signature*

Hamel - Tim Manshach

Representing Company *Company Name*

Shawn McLaren

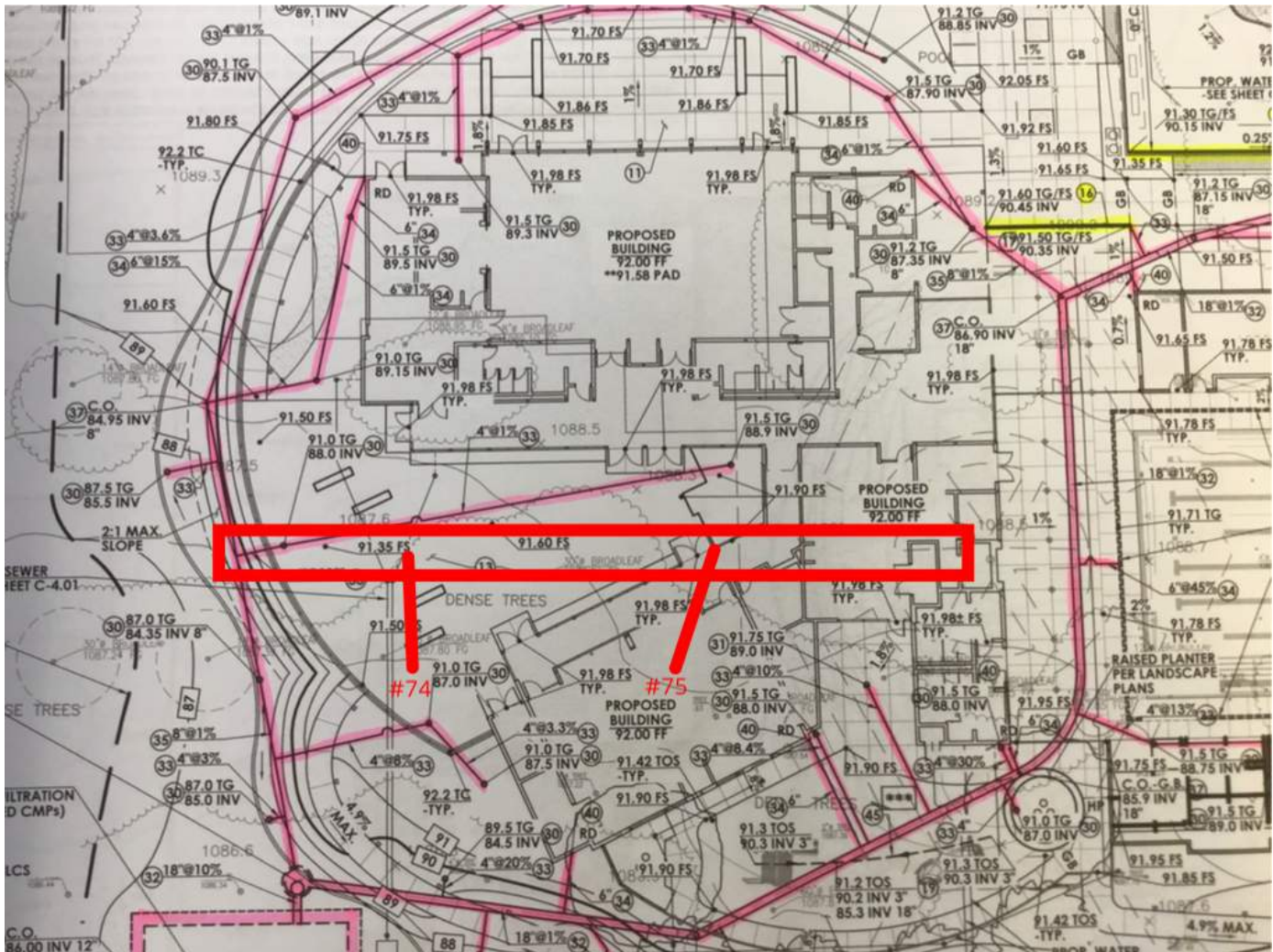
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Electrical trench (#74-75) plot plan



Tim Manshack

Acknowledged By *Signature*

Hamel - Tim Manshack

Representing Company *Company Name*

Shawn McLaren

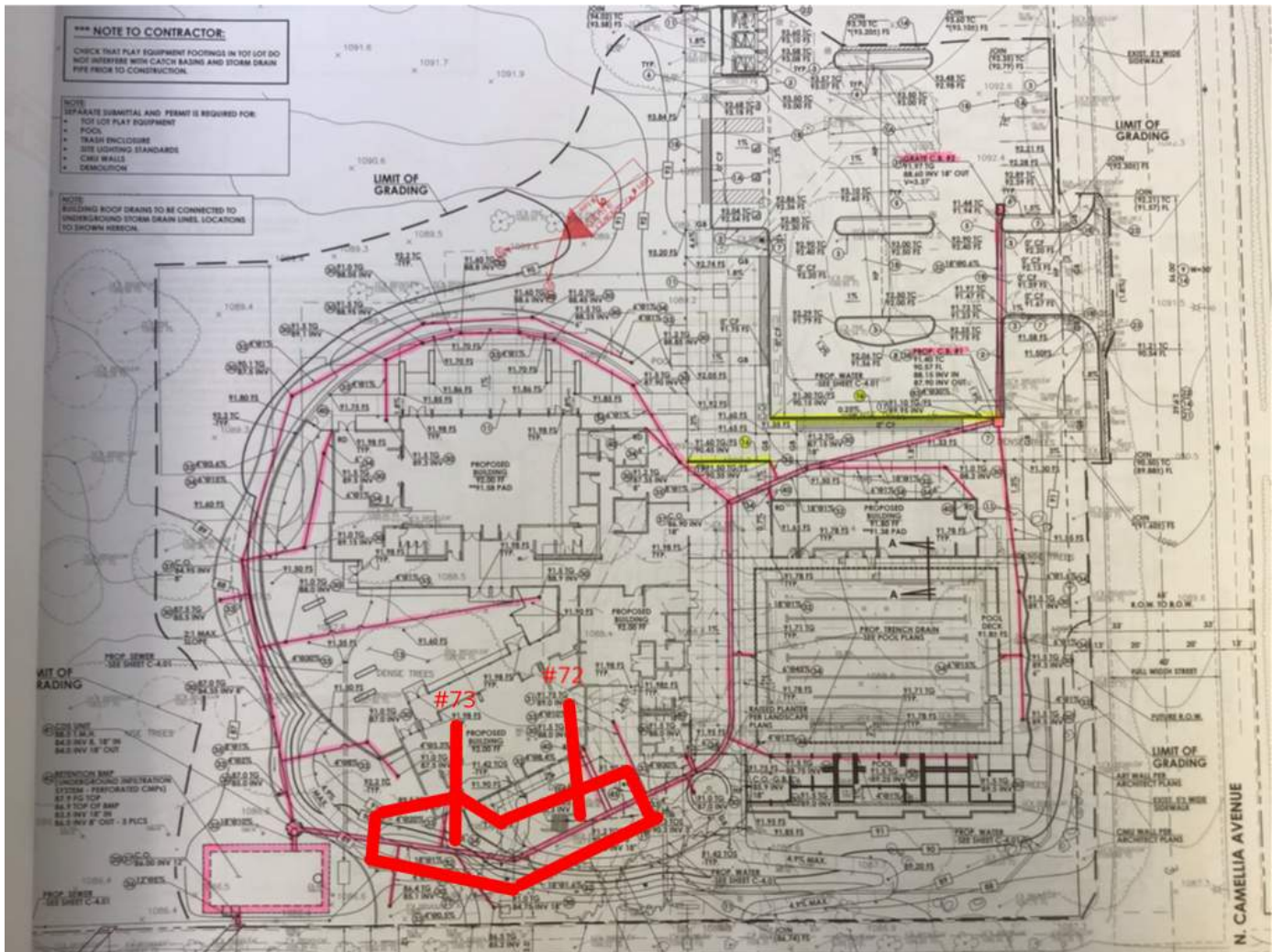
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Storm drain (#72-73) plot plan



Tim Manshack

Acknowledged By *Signature*

Hamel - Tim Manshack

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - Jun 17, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Storm drain, electrical trench

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 6/17/20

Date of Calibration: 9/9/2019

Density Std. Count: 30539

Moisture Std. Count: 8092

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
72	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	7.5	118.6	91.9
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
73	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.7	116.6	90.4
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
74	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	7.3	118.8	92.1
	Location:		Electrical trench							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
75	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.6	119.2	92.4
	Location:		Electrical trench							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							



Daily Field Report - Jun 18, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 68°F, Partly Cloudy
Contractor: Shawnan Time Start: 07:00 AM Time Stop: 03:00 PM
Equipment: Jumping jack, backhoe w/sheeps foot, water truck Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center project in Ontario per the request of Hamel and spoke to Tom (superintendent) about the inspections needed for the day.

(Sewer line)

JPI was on site backfilling the sewer line at the southwest corner of the project leading to the park area. Sand was used for bedding (6" below pipe). Native soil was used for shading of pipe and backfill. Soil was moisture conditioned during placement and compaction. The first lift of soil was compacted via jumping jack and the rest was compacted via backhoe with sheep's foot. I used a calibrated nuclear density gauge to check compaction and moisture content. 3 tests were taken, 3 tests met minimum specified compaction per plans and specifications.



Acknowledged By *Signature*



Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Sewer line placement



Fig. 2: Sewer line compaction efforts



Tom Hamel

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

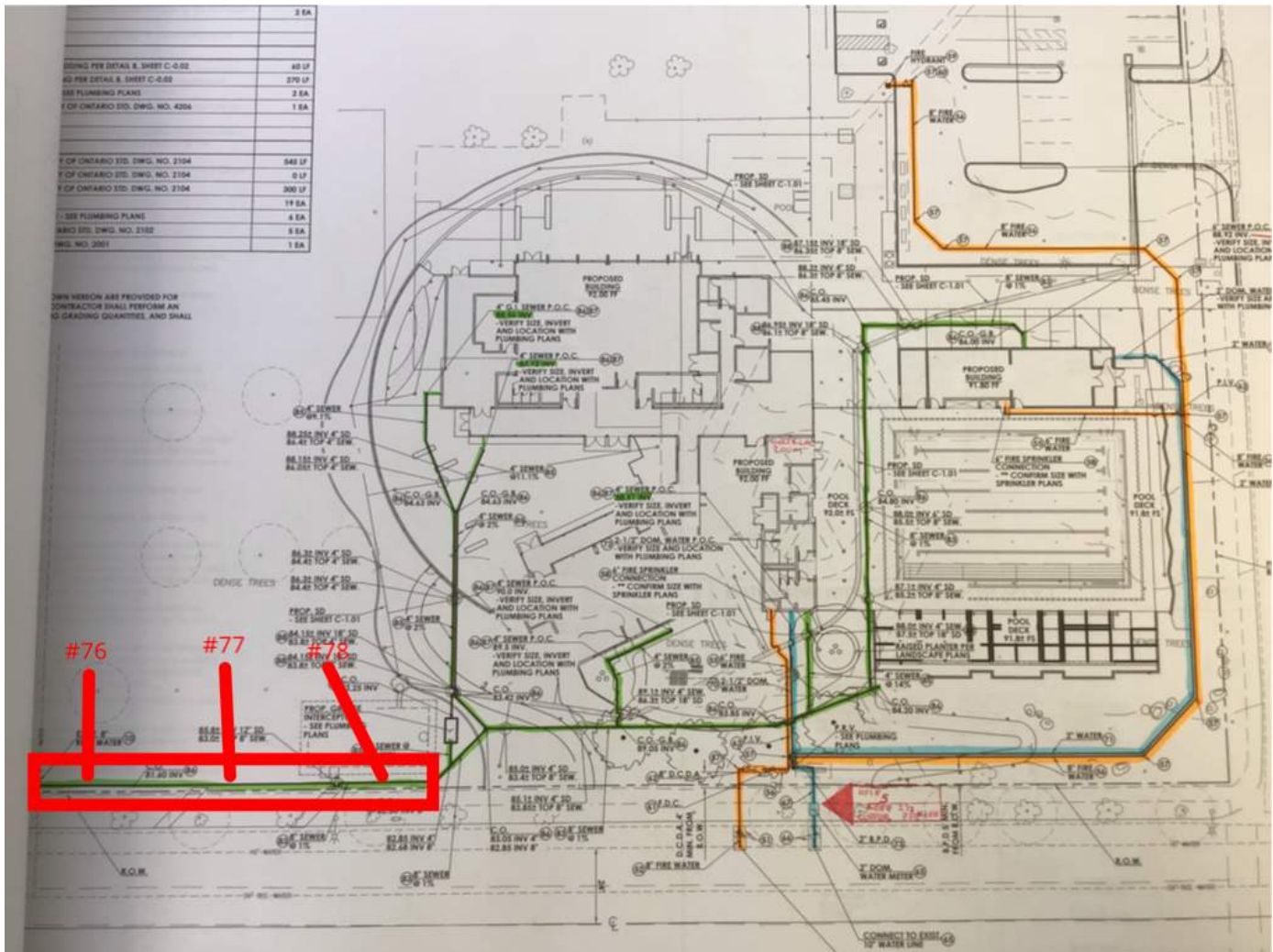
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Sewer (#76-78) plot plan



Acknowledged By *Signature*

Signature
Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Shawn McLaren
Kleinfelder Representative *Print Name*



Soil Density Report - Jun 18, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Sewer line in park area

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 6/18/20

Date of Calibration: 9/9/2019

Density Std. Count: 30652

Moisture Std. Count: 8007

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
76	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.2	118.3	91.7
	Location: Sewer line		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							
77	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	6.9	117.4	91
	Location: Sewer line		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							
78	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.1	119.7	92.8
	Location: Sewer line		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							



Daily Field Report – 6/24/2020

KLF Project #: 20210301.001A

by Julian Calderon for Anthony Munoz Community Center
– Construction

Client: City of Ontario

82 degrees, Sunny

Contractor:

Time Start: 10:00 AM Time Stop: 10:45 AM

Equipment: N/A

Types of Tests/Observations Performed:

Sample Pickup

Report items
Comply

Documents Referenced:

Dispatch Log

Observations/Remarks:

Arrived onsite as per request. Picked up (1) set of 4 cylinders, and brought them back to the Kleinfelder Ontario Lab for further testing.

Kleinfelder Representative *Signature*

Kleinfelder Representative *Signature*

Julian Calderon

Representing Company *Company Name*

Kleinfelder Representative *Print Name*



Daily Field Report - Jun 25, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 75°F, Partly Cloudy
Contractor: Time Start: 07:00 AM Time Stop: 03:30 PM
Equipment: Backhoe w/sheeps foot, water buffalo Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center project in the city of Ontario per the request of Hamel and spoke to Gavin Wakefield (project manager) about the inspections needed for the day.

(Edison electrical backfill)

Barkley Andross corp was on site back filling the Edison electrical trench and (2) electrical rooms. Prior to my arrival the conduits were encased with red slurry. Contractor moisture conditioned soil in stockpile before placement. Soil was placed in 8" loose lifts and compacted via backhoe with sheep's foot. A jumping jack was used around all vertical conduit stub outs. I used a calibrated nuclear density gauge to check compaction and moisture content. 3 tests were taken, 3 tests met minimum specified compaction per plans and specifications.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Gavin Wakefield

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Compaction efforts with backhoe



Fig. 2: Compaction around conduit



[Signature]

Acknowledged By *Signature*

Hamel - Gavin Wakefield

Representing Company *Company Name*

[Signature]

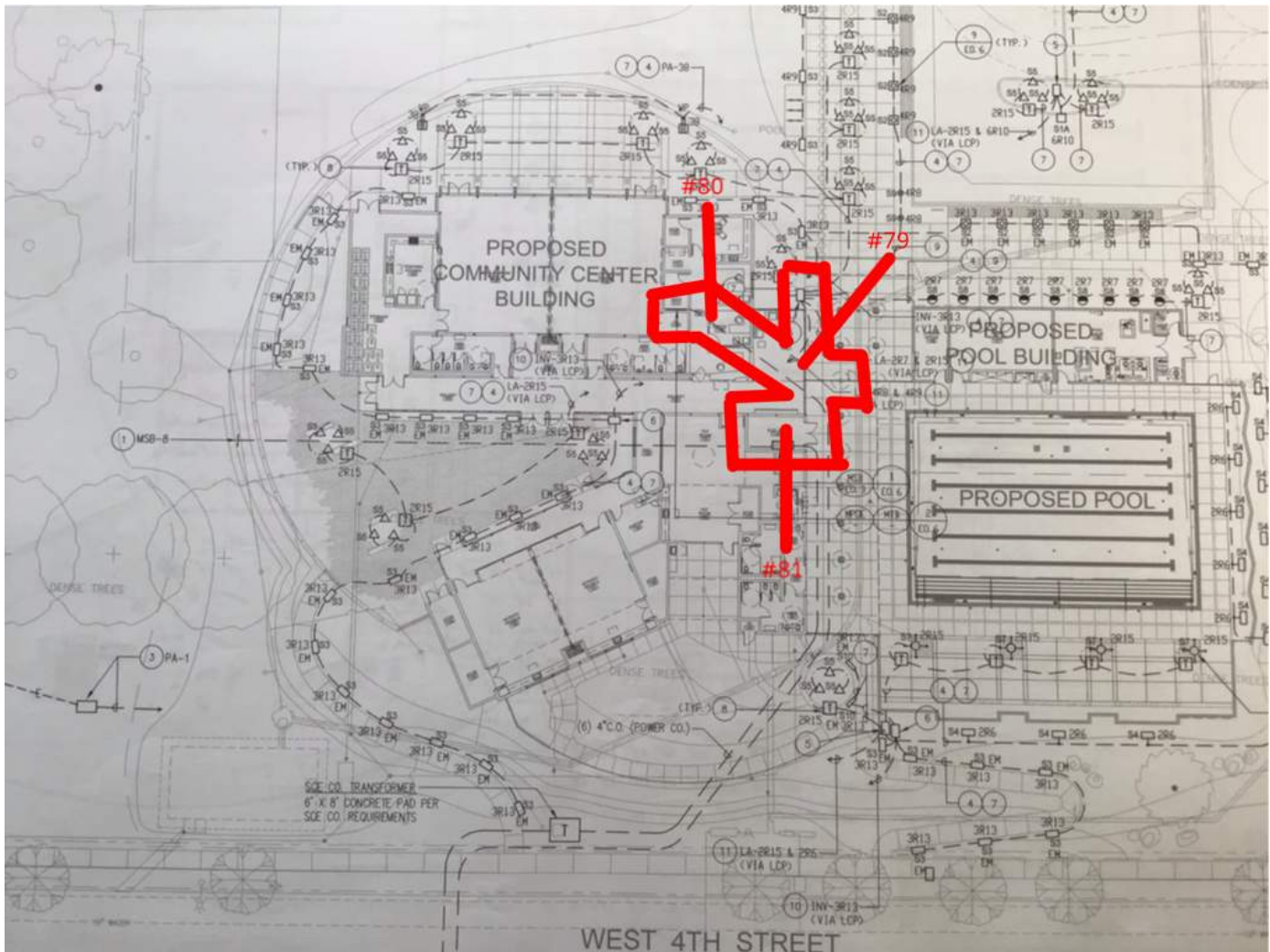
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Edison/electrical (#79-81) plot plan



[Signature]

Acknowledged By *Signature*

Hamel - Gavin Wakefield

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - Jun 25, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Edison/communication electrical

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 6/25/20

Date of Calibration: 9/9/2019

Density Std. Count: 30643

Moisture Std. Count: 7969

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
79	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.8	118.6	91.9
	Location:		Edison							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
80	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	7.5	120.5	93.4
	Location:		Edison							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
81	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.3	116.9	90.6
	Location:		Edison							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							



Daily Field Report - Jun 26, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 85°F, Clear
Contractor: Barkley Andross corp (electrical) Time Start: 07:00 AM Time Stop: 03:30 PM
Equipment: Backhoe w/sheeps foot Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center project in the city of Ontario per the request of Hamel and spoke to Gavin Wakefield (project manager) about the inspections needed for the day.

(Edison electrical backfill)

Barkley Andross corp was on site back filling the Edison electrical trench. Prior to my arrival the conduits were encased with slurry. Contractor moisture conditioned soil in stockpile before placement. Soil was placed in 8" loose lifts and compacted via backhoe with sheep's foot. I used a calibrated nuclear density gauge to check compaction and moisture content. 3 tests were taken, 3 tests met minimum specified compaction per plans and specifications.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Gavin Wakefield

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Edison/electrical backfill compaction



Acknowledged By *Signature*

Hamel - Gavin Wakefield

Representing Company *Company Name*



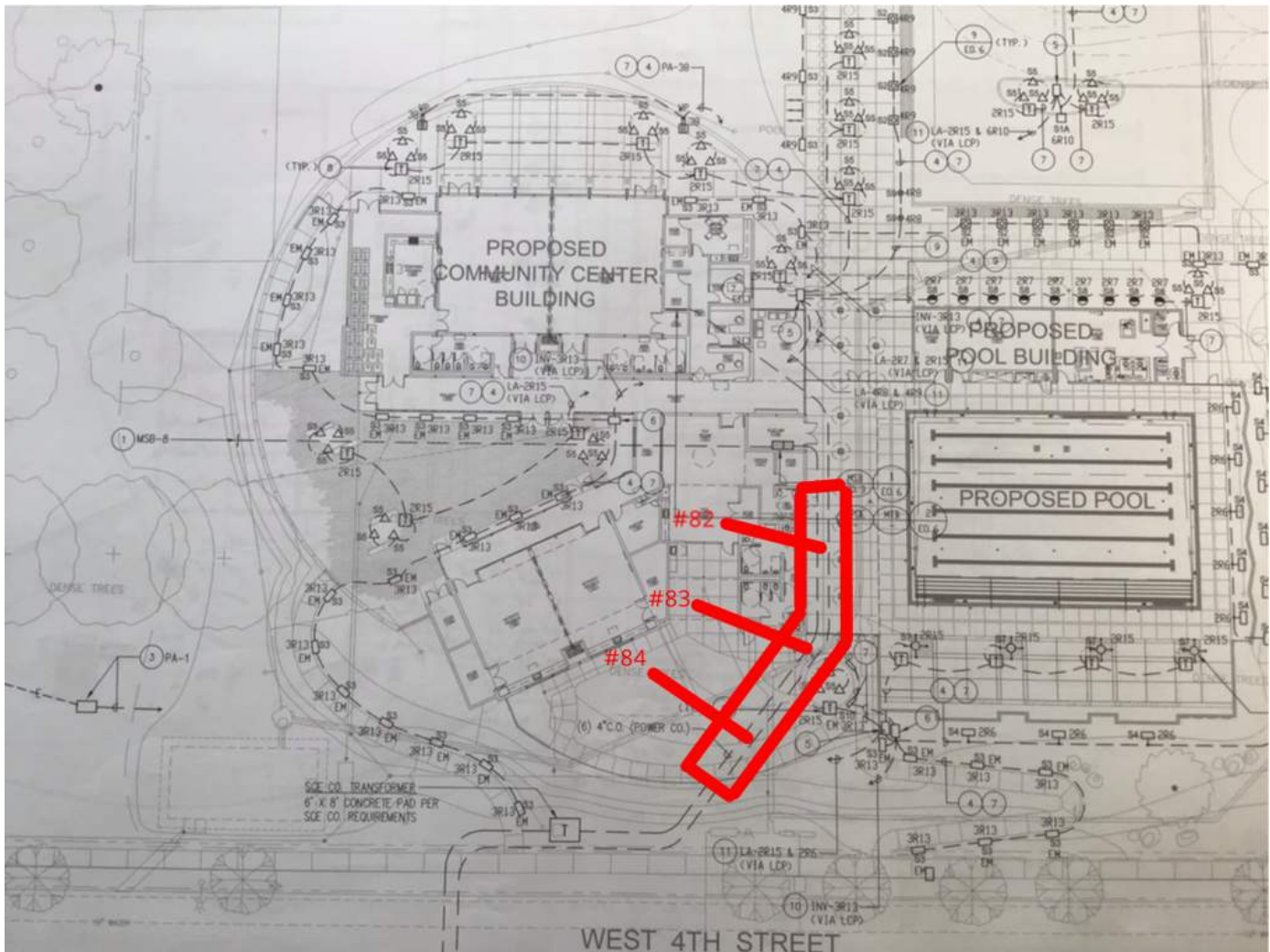
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Edison (#82-84) plot plan



[Signature]

Acknowledged By *Signature*

Hamel - Gavin Wakefield

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - Jun 26, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Edison/electrical

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 6/26/20

Date of Calibration: 9/9/2019

Density Std. Count: 30822

Moisture Std. Count: 7919

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
82	8	/ 3	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.1	117.4	91
	Location:		Edison							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
83	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9	120.6	93.5
	Location:		Edison							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							
84	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.7	116.6	90.4
	Location:		Edison							
	Remarks:		Proctor: 20-ONT-00519.1 129 @ 7.9%							



Daily Field Report - Jun 29, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 80°F, Clear
Contractor: Hamel Construction Time Start: 07:30 AM Time Stop: 11:30 AM
Equipment: Backhoe, Water Truck, Jumping Jack Traveled .15 hrs, 6 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved site plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Construction, for scheduled soils testing and observations. Upon arrival I met with Tom (site superintendent) to discuss work plans for the day. Tom notified me that KAR construction would be onsite to begin back fill of the area around the pool surge pit.

KAR CONSTRUCTION POOL SURGE PIT BACK FILL OBSERVATION AND TESTING

KAR Construction was onsite with (1) DEERE backhoe and (1) water truck to begin back fill of the pool surge pit. The crew of (2) began by moisture conditioning and mixing native materials in their stock pile with their backhoe and water truck. The crew then began placement of native materials around pool surge pit in loose 8" lifts and spread evenly throughout. Upon material placement the crew used their backhoe with sheep's foot roller as well as jumping jack for compaction efforts. The crew had a mechanical failure of equipment (backhoe blew radiator belt and hose) causing delay in the middle of their first lift. The crew tried making field repairs and could not complete in the field. At this time they contacted their offices to advise of machine failure and were told to load equipment to transport to repair shop and new equipment would be delivered to site if possible. No compaction efforts were made.

Work is scheduled to continue 6/30/2020

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Water truck used for moisture conditioning



Fig. 2: Pool surge pit area of back fill



Fig. 3: Moisture conditioning and mixing stock pile



Fig. 4: Compaciton sheeps foot roller and jumping jack



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Construction
Representing Company *Company Name*

Tim

Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*



Daily Field Report - Jun 30, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 83°F, Cloudy
Contractor: Hamel Construction/ KAR construction Time Start: 06:30 AM Time Stop: 03:00 PM
Equipment: Deere Backhoe, Water Truck, Jumping Jack Traveled .15 hrs, 6 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved site plans

Observations/Remarks:

I arrived onsite to the Anthony Munoz Community center, per request of Tom (superintendent) with Hamel Construction, for scheduled soils testing and observation. Upon arrival I met with Tom to discuss work plans for the day, he notified me that KAR Construction would be continuing with back fill around the pool surge pit area.

KAR CONSTRUCTION POOL SURGE PIT BACK FILL OBSERVATION AND TESTING

KAR Construction crew of (2) was onsite to continue back fill around the pool surge pit area. They began with moisture conditioning and mixing native materials in their stock pile. They then used their Deere backhoe to place materials in loose 8" lifts and spread evenly. Upon material placement compaction efforts were made via jumping jack and sheep's foot roller attachment with backhoe. After compaction efforts density testing was performed in various locations and depths via calibrated nuclear density gauge. A total of (5) density tests were performed, all tests met or exceeded required 90% compaction. (See attached plot plan and SDT sheet for detailed locations and results)

Proctor 20-ONT-00519

Max Dry 129.0 PCF

Opt Water 7.9%

Pool Surge Pit -back fill is incomplete and scheduled to continue 7/1/2020

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Water truck used for moisture conditioning



Fig. 2: Backhoe used onsite for placement and compaction



Fig. 3: Sheeps foot roller used



[Signature]

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

[Signature]

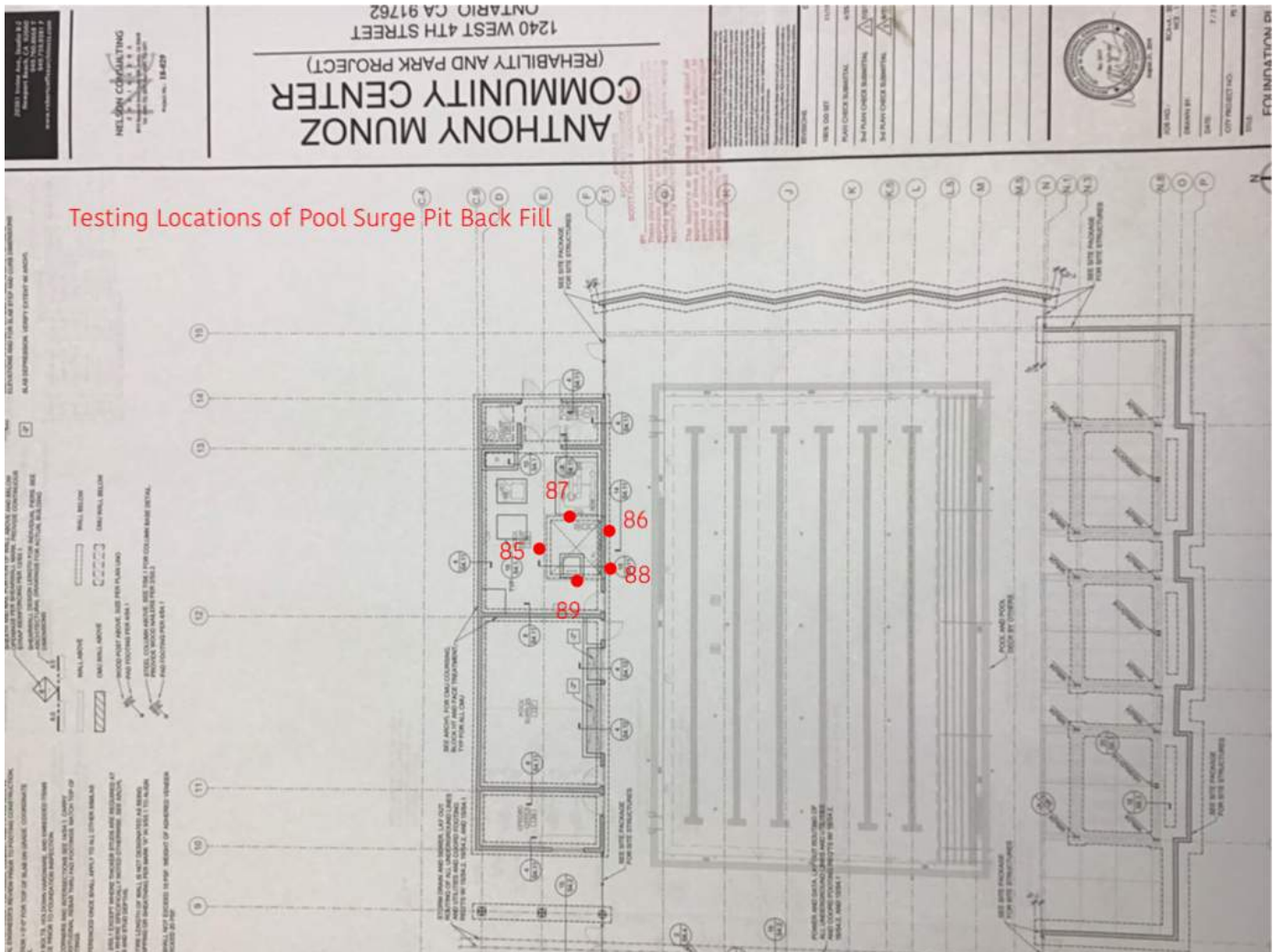
Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Testing Locations of Pool Surge Pit Back Fill



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Tim Miller

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*



Soil Density Report - Jun 30, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

General Location: Pool Surge Pit Back Fill

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607944

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 6/30/20

Date of Calibration: 12/13/2019

Density Std. Count: 34012

Moisture Std. Count: 8120

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
85	8	/ 8'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.1	120.1	93.1
	Location:		Pool Surge Pit Back Fill							
86	8	/ 6'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.8	120.1	93.1
	Location:		Pool Surge Pit Back Fill							
87	8	/ 4'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.8	117.3	90.9
	Location:		Pool Surge Pit Back Fill							
88	8	/ 2'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.1	118.7	92
	Location:		Pool Surge Pit Back Fill							
89	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.7	118.9	92.2
	Location:		Pool Surge Pit Back Fill							



Daily Field Report - Jul 1, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 74°F, Clear
Contractor: Hamel Construction/ KAR construction Time Start: 06:30 AM Time Stop: 10:30 AM
Equipment: Deere Backhoe, Water Truck, Jumping Jack Traveled .15 hrs, 6 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved site plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom (superintendent) with Hamel Construction, for scheduled soils testing and observation. Upon arrival I met with Tom to discuss work plans for the day, he notified me that the crew with KAR Construction would complete back fill of the pool surge pit area from where they had left off the previous day.

KAR CONSTRUCTION POOL SURGE PIT BACK FILL OBSERVATION AND TESTING

KAR Construction was onsite with a crew of (2) to continue back fill around the pool surge pit. They began with moisture conditioning and mixing native materials in their stock pile using their Deere backhoe and a water truck. After mixing and moisture conditioning materials the crew placed material with backhoe in loose 8" lifts around the pool surge pit. Materials were moisture conditioned during placement and spread evenly throughout the area and then compaction efforts were made. Compaction efforts were made via jumping jack and sheep's foot roller attachment on their backhoe. After compaction efforts being made density testing was performed at various location around the back fill area via nuclear density gauge. A total of (3) tests were performed, all tests made met or exceeded the required 90% compaction per approved site plans. (See attached plot plan and SDT sheet for detailed results and locations of testing)

Proctor 20-ONT-00519

Max Dry 129.0 PCF

Opt Water 7.9%

Pool surge pit back fill was completed up to FSG elevation.

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Pool surge pit back fill area



Fig. 2: Sheeps foot roller used



Fig. 3: Water truck onsite



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Tim

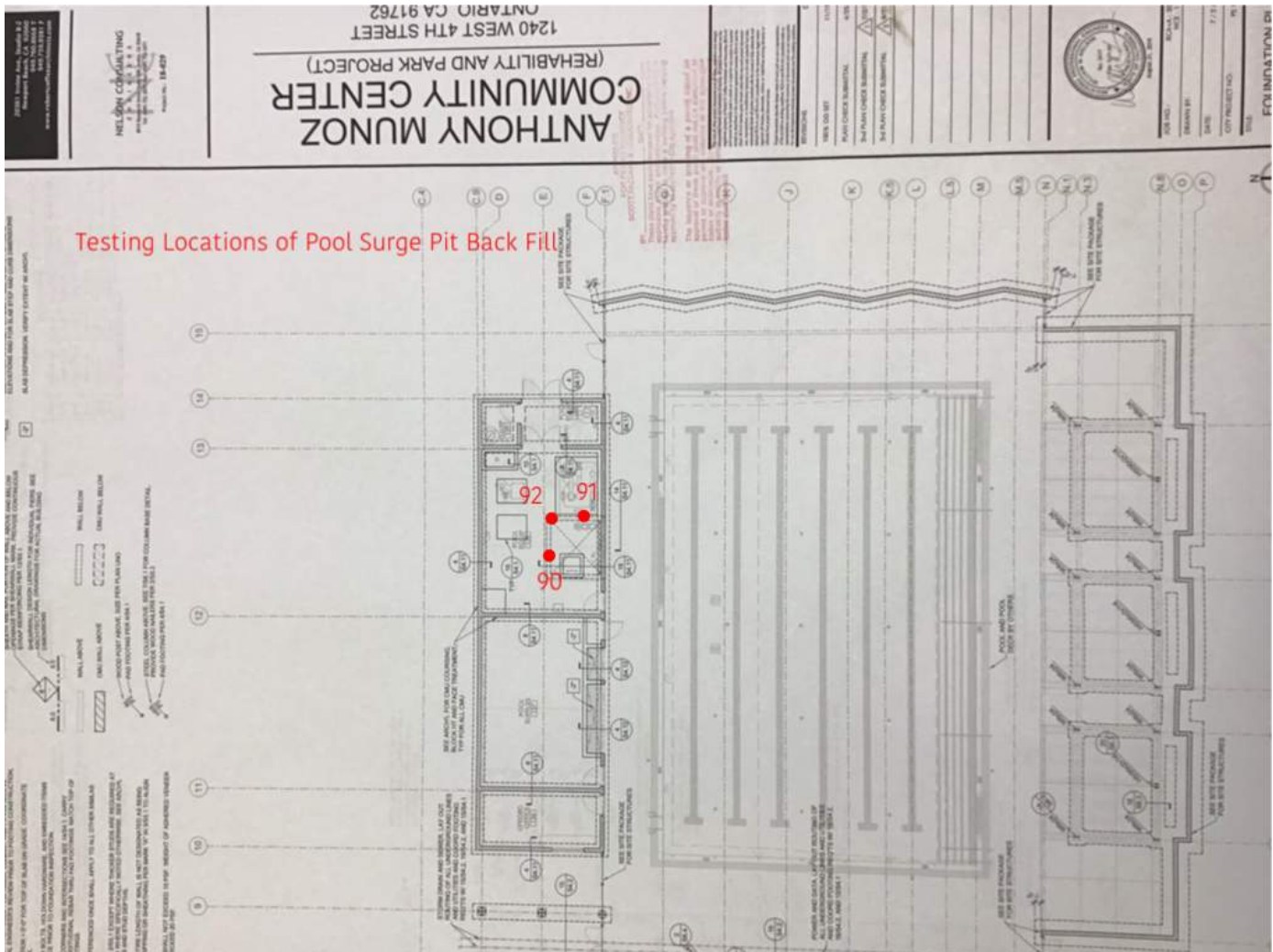
Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Location of testing around pool surge pit back fill area



Tom Hamel
Acknowledged By Signature

Tom-Hamel Construction
Representing Company Company Name

Tim Miller
Kleinfelder Representative Signature

Tim Miller
Kleinfelder Representative Print Name



Soil Density Report - Jul 1, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

General Location: Pool Surge Pit Back Fill

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607944

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 7/1/20

Date of Calibration: 12/13/2019

Density Std. Count: 33197

Moisture Std. Count: 8110

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
90	8	/ 4'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.2	118.2	91.6
	Location:		Pool Surge Pit Back Fill							
91	8	/ 2'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.7	119.1	92.3
	Location:		Pool Surge Pit Back Fill							
92	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.8	120.4	93.3
	Location:		Pool Surge Pit Back Fill							



Daily Field Report - Jul 2, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 84°F, Clear
Contractor: Hamel Construction Time Start: 06:30 AM Time Stop: 11:30 AM
Equipment: Skip Loader, Backhoe, Water truck Traveled .15 hrs, 6 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom (superintendent) with Hamel Construction, for scheduled soils observation and testing. Upon arrival I met with Tom to discuss work plans for the day, I was notified that electricians would be performing back fill of multiple conduit trenches on site. Tom notified of roughly 12-14" of slurry being placed in trenches the previous day and crew would use native fill beyond the slurry fill.

BARKLEY ANDROSS CORP. ELECTRICAL CONDUIT TRENCH BACK FILL OBSERVATION AND TESTING

Barkley Andross Corp. was onsite with a crew of (3) to complete back fill of electrical conduit trench along the west side of the building pad as well as along the pool building. The crew began with moisture conditioning and mixing materials in their stock pile with their Deere backhoe. Upon moisture conditioning and mixing the crew placed material in loose 8" lifts and spread evenly throughout the trench. Compaction efforts were then made with sheep's foot roller attachment to backhoe as well as rubber wheel rolling with fully loaded bucket. Upon completion of compaction efforts I performed density testing of the area via calibrated nuclear density gauge. A total of (4) density tests were performed, all met or exceeded required 90% compaction. (See attached plot plan and SDT sheet for detailed results and locations.)

Proctor 20-ONT-00519
Max Dry 129.0 PCF
Opt Water 7.9%

Electrical conduit trench back fill onsite is incomplete and ongoing.

Acknowledged By *Signature*

Tom-Hamel Construction
Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Backhoe used onsite with sheeps foot roller



Fig. 2: Moisture conditioning performed before and during placement



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Tim

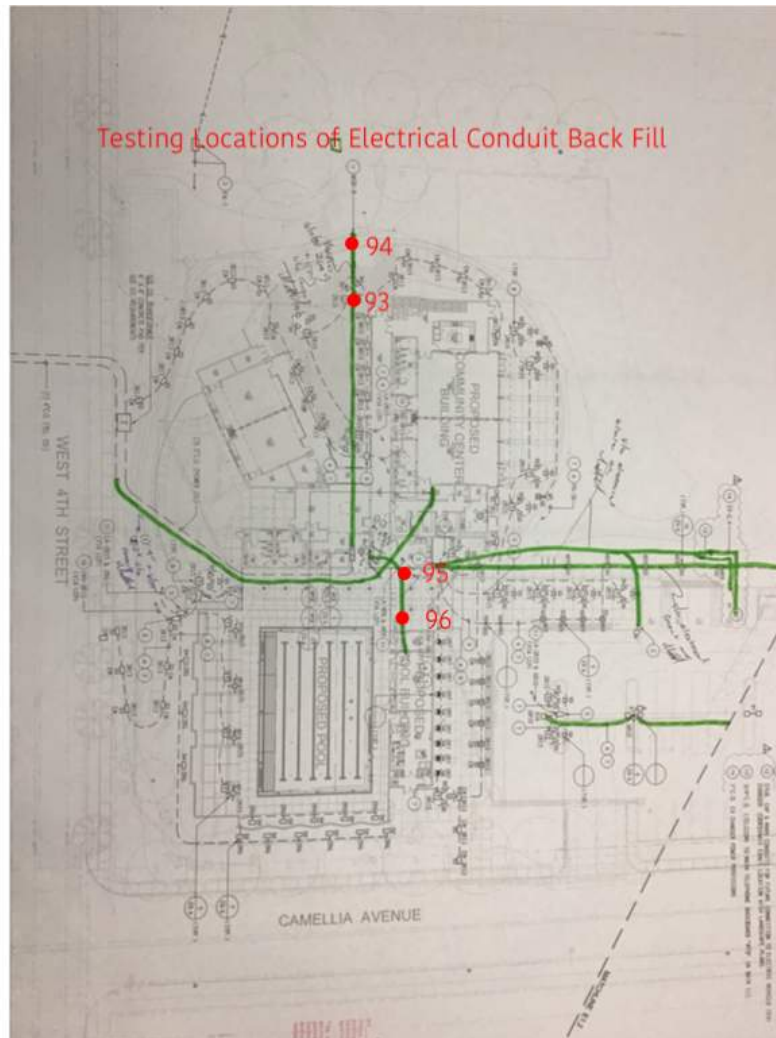
Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Electrical Conduit Trench Back Fill Testing locaitons



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Construction

Representing Company *Company Name*

Tim Miller

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*



Soil Density Report - Jul 2, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

General Location: Electrical Conduit Trench Back Fill

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607944

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 7/2/20

Date of Calibration: 12/13/2019

Density Std. Count: 34017

Moisture Std. Count: 8079

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
93	8	/ 1'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.5	117.9	91.4
	Location: Electrical Conduit Trench Back Fill									
94	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.6	121.4	94.1
	Location: Electrical Conduit Trench Back Fill									
95	8	/ 1'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.7	119.4	92.6
	Location: Electrical Conduit Trench Back Fill									
96	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.1	118.8	92.1
	Location: Electrical Conduit Trench Back Fill									



Daily Field Report - Jul 7, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 90°F, Clear
Contractor: JPI Time Start: 11:00 AM Time Stop: 03:00 PM
Equipment: Skid steer, Deere 250G excavator, CAT 938 loader Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center in Ontario per the request of Hamel and spoke to Tom Hanarahm (superintendent) about the inspections needed for the day.

(Perforated underground retention system)

JPI was on site excavated the location for the perforated underground retention system for the community center and parking lot. Contractor used an excavator and skid steer to excavate and compact bottom of retention system. I used a probe to check relative compaction of the excavated bottom. The contractor then used geotextile to border the retention system walls extending 12" on the bottom before rock bedding was placed. Contractor then placed 1 1/2" rock for bedding. Work is on-going.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Geo fabric and rock placement



Fig. 2: Backfill/compaction detail

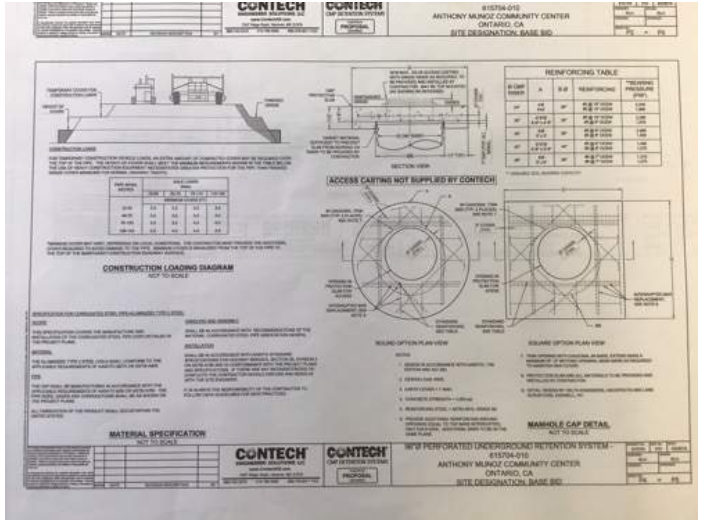
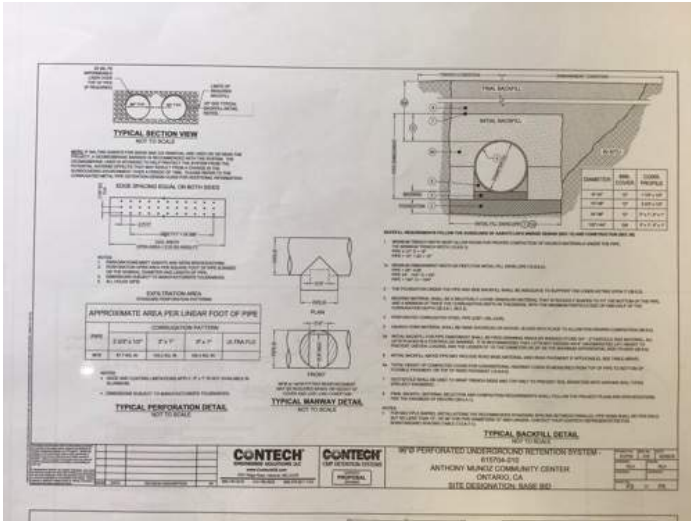


Fig. 3: Detail section



Tom Hamel
Acknowledged By *Signature*

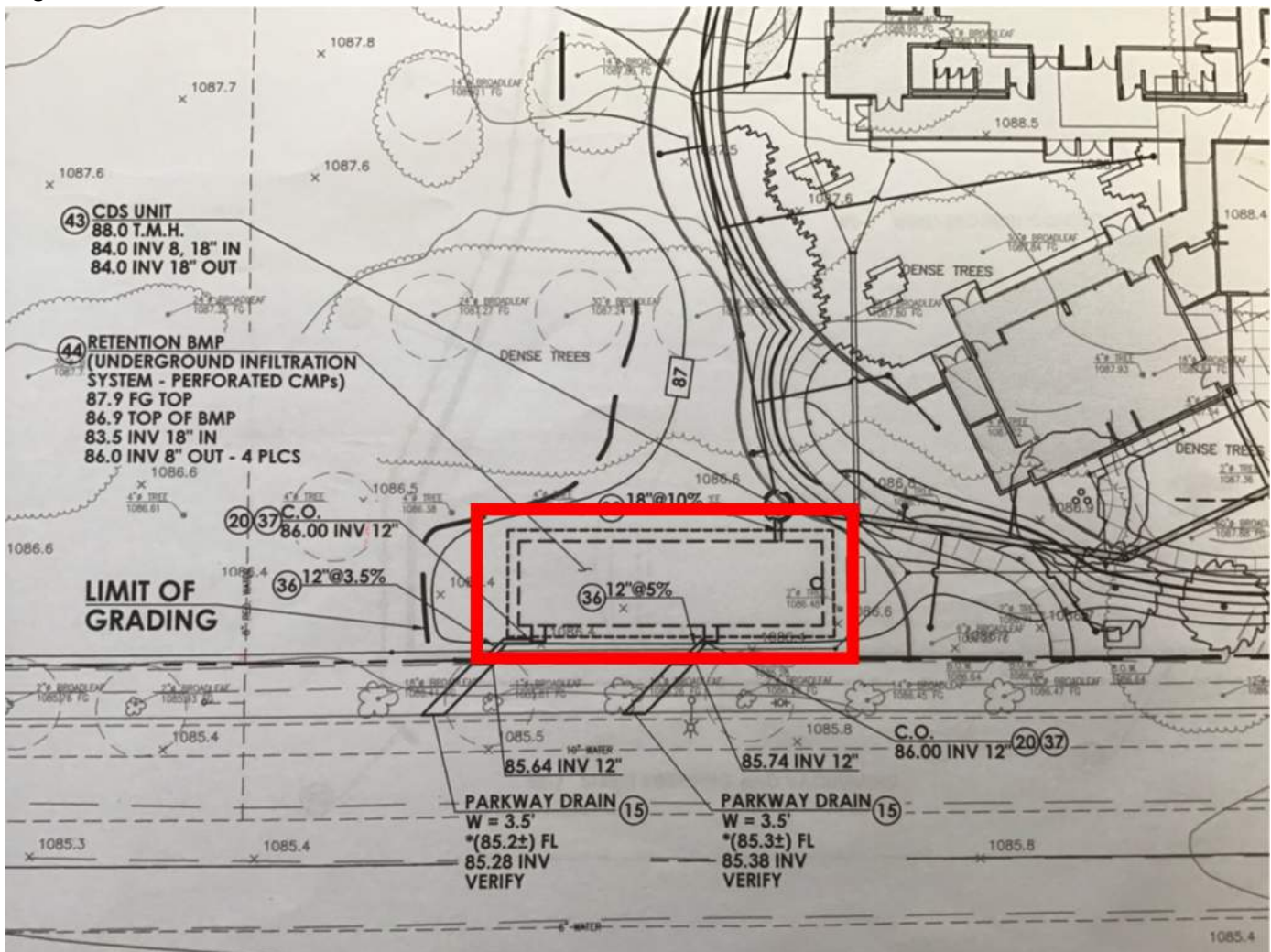
Hamel - Tom Hanrahan
Representing Company *Company Name*

Shawn McLaren
Kleinfelder Representative *Signature*

Shawn McLaren
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Retention BMP location



Acknowledged By *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Shawn McLaren
Kleinfelder Representative *Print Name*



Daily Field Report - Jul 8, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 90°F, Clear
Contractor: Hamel Contracting/JPI Time Start: 10:00 AM Time Stop: 03:30 PM
Equipment: Excavator, Skid Steer, Loader Traveled .15 hrs, 6 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved site plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center in Ontario CA, per request of Tom (superintendent) with Hamel Contracting, for scheduled soils observation and testing. Upon arrival I met with Tom to discuss work plans, I was notified JPI would be working on placement of water retention basin and then would begin back fill with 1" rock. Tom notified he would like rock placement observed to verify proper placement.

JPI RETENTION BASIN PLACEMENT AND ROCK BACK FILL

JPI was onsite with a crew of (5), upon arrival retention basin was already excavated and roughly 20-24" of 1.5" rock was placed at the bottom. At 11:00am they took delivery of steel perforated retention system and off loaded from truck with excavator. They then placed retention system in previously excavated trench located just below the south west corner of the building pad. The crew completed placement of (2) of (7) pieces of retention system with excavator on site. Crew will continue placement and begin back fill on 7/9/2020. Placement and back fill of steel perforated retention system is incomplete at this time.

****NOTE****delay in placement from 11:00am to 1:00pm also crew began back fill of water lines in pool area but no compaction efforts were made. Work to continue 7/9/2020

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Retention basin excavation with 1.5" rock bedding placed



Fig. 2: Placement of piece number 1 of steel perforated retention system



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Tim Miller

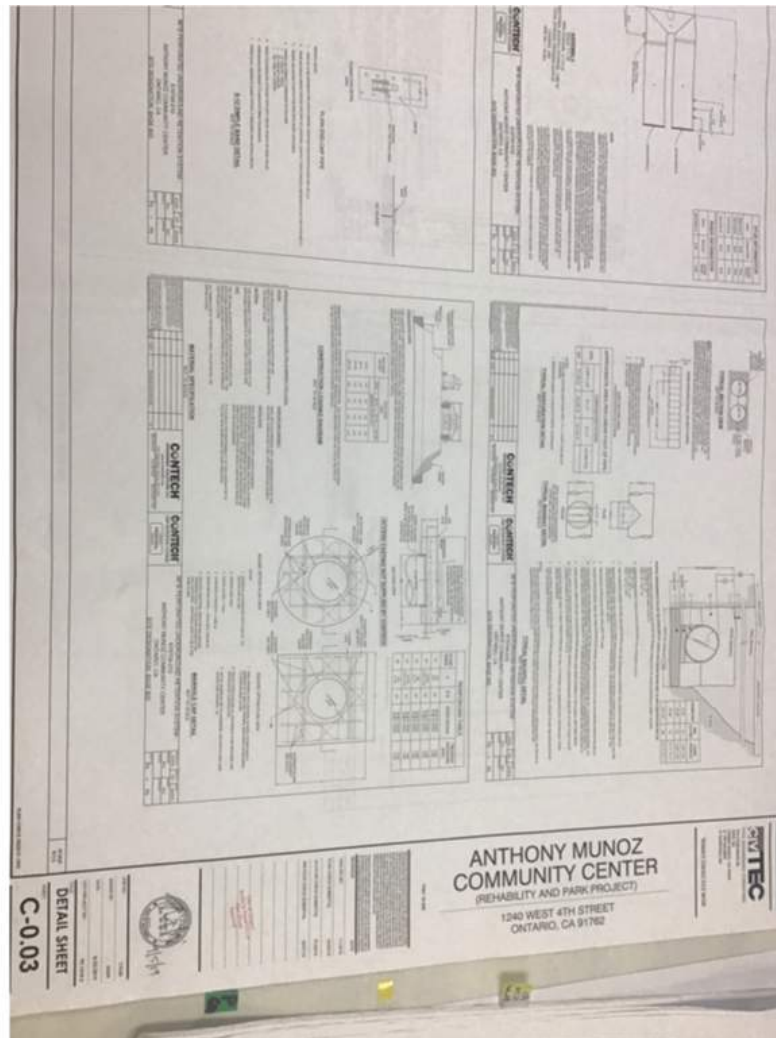
Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: C0.03 of approved plans for retention system



[Signature]

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*



Daily Field Report - Jul 9, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 93°F, Clear
Contractor: Hamel Contracting/JPI/California Waters Time Start: 07:00 AM Time Stop: 03:30 PM
Equipment: Excavator, Loader, Skid Steer, Mini Ex, Water Truck Traveled .15 hrs, 6.0 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

S2.1 approved plans/plumbing site details of approved plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center site, per request of Tom (superintendent) with Hamel Contracting, for scheduled soils testing and observations. Upon arrival I met with Tom to discuss work plans for the day, he notified me that JPI would be starting back fill of domestic water line trenches throughout the site around the building area as well as the pool area. Also that JPI was onsite to continue placement of the storm drain retention BMP system and would begin 1.5" rock back fill upon completion of placement. California Waters was also onsite to complete back fill of pool surge pit lines in the pool area.

CALIFORNIA WATERS POOL SURGE PIT LINE BACK FILL OBSERVATION AND TESTING

California Waters was onsite with a crew of (4) to complete back fill of pool surge pit lines running from the pool area to the surge pit. The crew used a water buffalo to moisture condition materials in their stock pile and mixed with a mini ex before placement. Material was then placed in loose 8" lifts and spread evenly throughout the trench. Compaction efforts were then made with jumping jack making repudiative passes. Upon compaction efforts density tests were taken in various locations via calibrated nuclear density gauge. A total of (4) density tests were taken, all tests met or exceeded the required 90% compaction. (See attached plot plan and SDT sheet for detailed results and locations.)

JPI SEWER/GREASE DRAIN LINE TRENCH BACK FILL OBSERVATION AND TESTING

JPI was onsite to begin back fill of sewer/grease line trench in various locations through out the building pad and pool area. I was notified the crew would not begin back fill until after scheduled city inspection that was scheduled for 8:00am. City inspector arrived onsite at 10:15am to perform inspection of lines, notified contractor that only trenches around pool equipment area for outdoor showers was approved for back fill due to leaks in various fittings throughout the remaining areas of the building area. Upon approval the crew with JPI began back fill of trench located throughout the pool equipment area. The crew shaded trenches with roughly 8 -10" of sand before placing native materials above. Placement was done with backhoe in loose 8" lifts. Material was moisture conditioned via water truck during placement. Compaction efforts were made via jumping jack, upon compaction efforts density testing was performed via calibrated nuclear density gauge. A total of (3) tests were performed, all tests met or exceeded required 90% compaction. (See attached plot plan and SDT sheet for detailed results and locations.)

Proctor 20-ONT-00519
Max Dry 129.0 PCF

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

TOM-HAMEL CONTRACTING
Representing Company *Company Name*

Tim Miller
Kleinfelder Representative *Print Name*

Opt Water 7.9%

JPI STORM DRAIN CMP RETENTION SYSTEM PLACEMENT AND BACK FILL

JPI also was onsite continuing placement of the CMP storm drain retention system on the south west corner of the building pad. The crew used their excavator to place BMP in previously excavated area. The crew completed placement of all (7) pieces of CMP. Upon completion of placement the crew began 1.5" rock back fill. A CAT loader and excavator was used to place 1.5" rock in 8" lifts throughout the area. Rock was then spread evenly between lifts. ****NOTE****no compaction required of 1.5" rock fill. Crew did not complete 1.5" rock back fill and will continue work 7/10/2020.

****NOTE****1.5" rock back fill for CMP retention system is incomplete and ongoing.

Photo Log

Fig. 1: CMP retention system placement completed via excavator



Fig. 2: Sewer/grease trench approved for back fill around pool equipment area



[Signature]

Acknowledged By *Signature*

TOM-HAMEL CONTRACTING

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 3: Jumping jack used for compaction



Acknowledged By *Signature*

TOM-HAMEL CONTRACTING

Representing Company *Company Name*

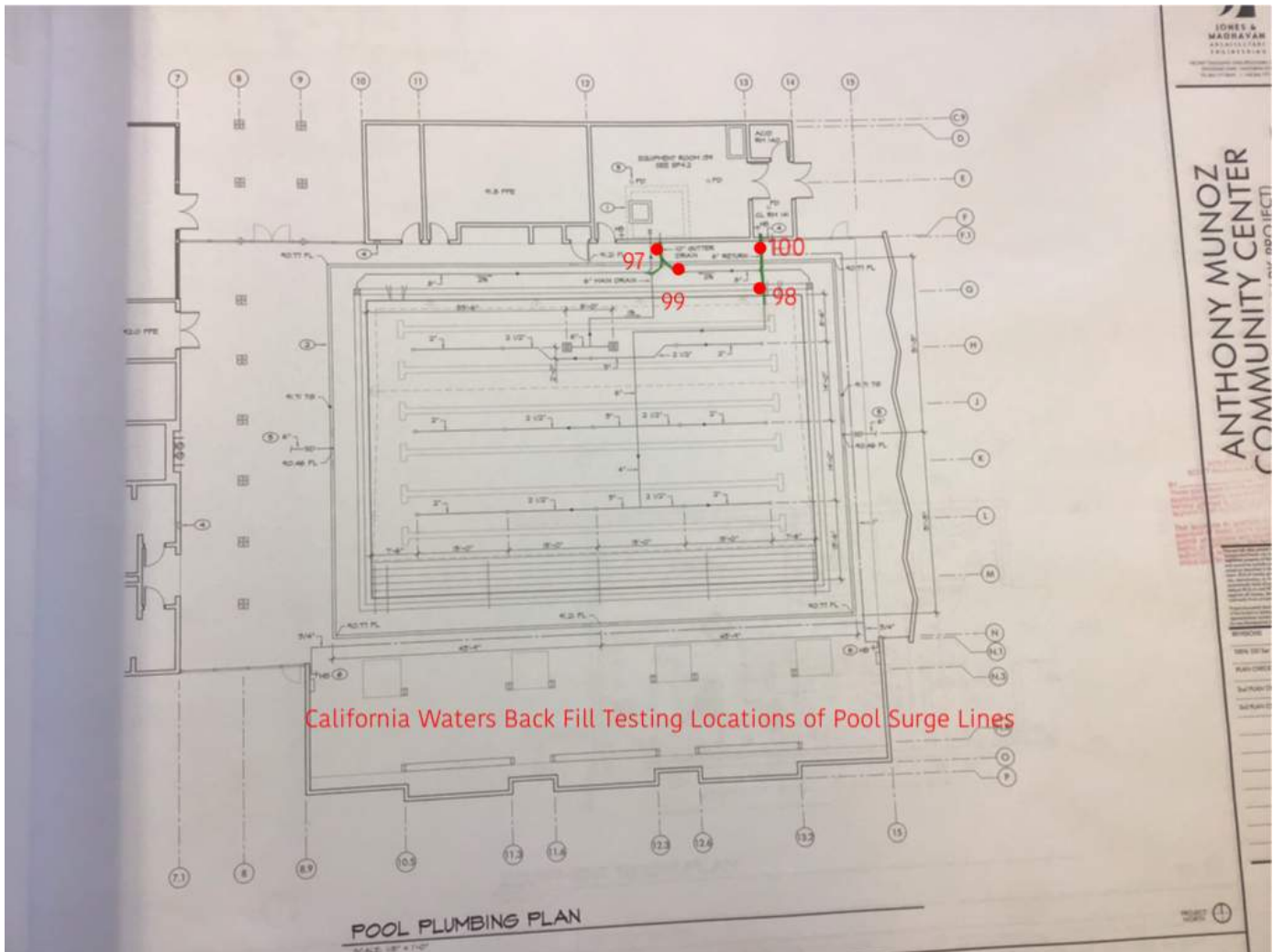
Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Location of testing for Pool Surge Line trench back fill



Tom Hamel
Acknowledged By *Signature*

TOM-HAMEL CONTRACTING
Representing Company *Company Name*

Tim Miller
Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Testing locations of sewer/grease drain trench back fill



Tom Hamel

Acknowledged By *Signature*

TOM-HAMEL CONTRACTING

Representing Company *Company Name*

Tim Miller

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*



Soil Density Report - Jul 9, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

General Location: Sewer/grease trenches around pool equipment area

Test Type: Nuclear Gauge Test Method: ASTM D6938

Gauge Serial No.: M350607944 Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 7/9/20 Date of Calibration: 12/13/2019

Density Std. Count: 34012 Moisture Std. Count: 8120

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
97	8	/ 2'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.6	119.3	92.5
	Location: Sewer/grease trenches around pool equipment area									
98	8	/ 2'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.2	119.2	92.4
	Location: Sewer/grease trenches around pool equipment area									
99	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9	118.6	91.9
	Location: Sewer/grease trenches around pool equipment area									
100	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.4	119.8	92.9
	Location: Sewer/grease trenches around pool equipment area									
101	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.6	120.4	93.3
	Location: Sewer/grease trenches around pool equipment area									
102	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9	118.5	91.9
	Location: Sewer/grease trenches around pool equipment area									
103	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.7	119.8	92.9
	Location: Sewer/grease trenches around pool equipment area									



Daily Field Report - Jul 10, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: JPI, Barkley Andross

90°F, Clear
Time Start: 07:00 AM Time Stop: 03:00 PM
Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz Community center project in the city of Ontario per the request of Hamel and spoke to Tom Hanrahan (Superintendent) about the inspections needed for the day.

(Perforated underground retention system)

JPI was on site continuing rock backfill for the 96" perforated underground retention system. Contractor used an excavator to backfill 1 1/2" rock around the 96" perforated steel pipe. Geofabric was continued around the edges of the excavation. Work is on-going.

(Community building plumbing)

JPI was on site backfilling/compacting the sewer for the bathroom areas in the community center building and the pool drains for the pool area. Contractor used a backhoe with sheepsfoot and jumping jack to achieve compaction. Sand was used for bedding and shading. Soil was moisture conditioned prior to placement. I used a calibrated nuclear density gauge to check compaction and moisture content. 3 tests were taken, 3 tests met minimum specified compaction per plans and specifications.

(Communication electrical slurry)

Barkley Andross electrical was on site slurry backfilling the communication lines above the Edison encasement on fourth st. Holiday rock provided 10 yards of mix: 1S094N00 1 sack slurry.

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Slurry batch ticket

Fig. 2: Slurry placement



Fig. 3: Plumbing backfill



Fig. 4: Rock and geofabric placement



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

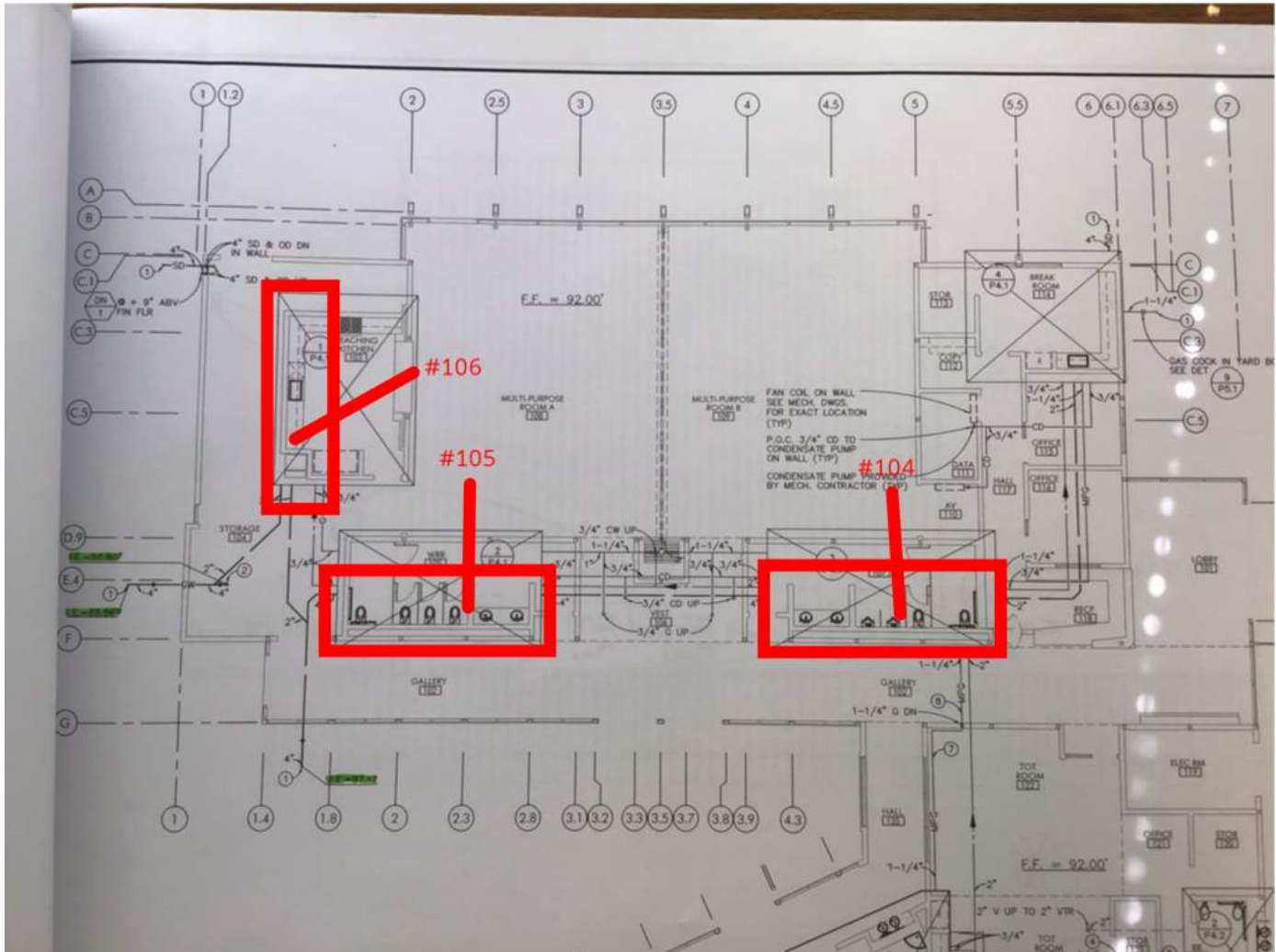
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Community building plumbing (#104-106) plot plan



Tom Hanrahan
Acknowledged By *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Shawn McLaren
Kleinfelder Representative *Signature*

Shawn McLaren
Kleinfelder Representative *Print Name*



Soil Density Report - Jul 10, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Community center plumbing

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 7/10/20

Date of Calibration: 9/9/2019

Density Std. Count: 30559

Moisture Std. Count: 7989

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
104	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.3	117.7	91.2
	Location: Northeast bathroom		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							
105	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.7	115.9	89.8
	Location: Northwest bathroom		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							
106	8	/ 1	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	7.7	116.3	90.2
	Location: Kitchen		Remarks: Proctor: 20-ONT-00519.1 129 @ 7.9%							



Daily Field Report - Jul 13, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 88°F, Clear
Contractor: Hamel Contracting, JPI Time Start: 07:15 AM Time Stop: 10:15 AM
Equipment: Skid Steer, Loader, Excavator, Water Truck Traveled .15 hrs, 6.0 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Approved site plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center Ontario CA, per request of Tom (superintendent) with Hamel Contracting, for scheduled soils observation and testing. Upon arrival I met with Tom to discuss work plans for the day and was notified JPI would be excavating remaining fire line trench around the pool building area as well as completing back fill of 1.5" rock in the CMP retention pit. I then met with Kyle (foreman) for JPI who notified they would also be excavating grease catch near the CMP retention pit before completing back fill of 1.5" rock.

JPI FIRE LINE TRENCH EXCAVATION AND CMP RETENTION PIT 1.5" ROCK BACK FILL OBSERVATION

JPI was onsite with a crew of (6), they began the day with excavation of fire line trench near the pool building area to begin placement of 8" fire line. They used a 620g excavator to excavate roughly 100' of trench to place 8" fire line. Trench was roughly 36-42" deep and 2' wide. Trench bottom showed via manual probe to be firm and unyielding. Upon completion of fire line trench excavation I spoke with Kyle with JPI again and he notified he would most likely not get to completing 1.5" rock back fill of the CMP retention system due to needing grease interceptor box excavation and placement done before finishing back fill of CMP retention system. At this time I notified Tom with Hamel Contracting of continued work plans at which time he notified me he would reschedule inspection once retention back fill was going to be completed.

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: CMP retention system back fill area incomplete



Fig. 2: 8" fire line trench excavation



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Tim Miller

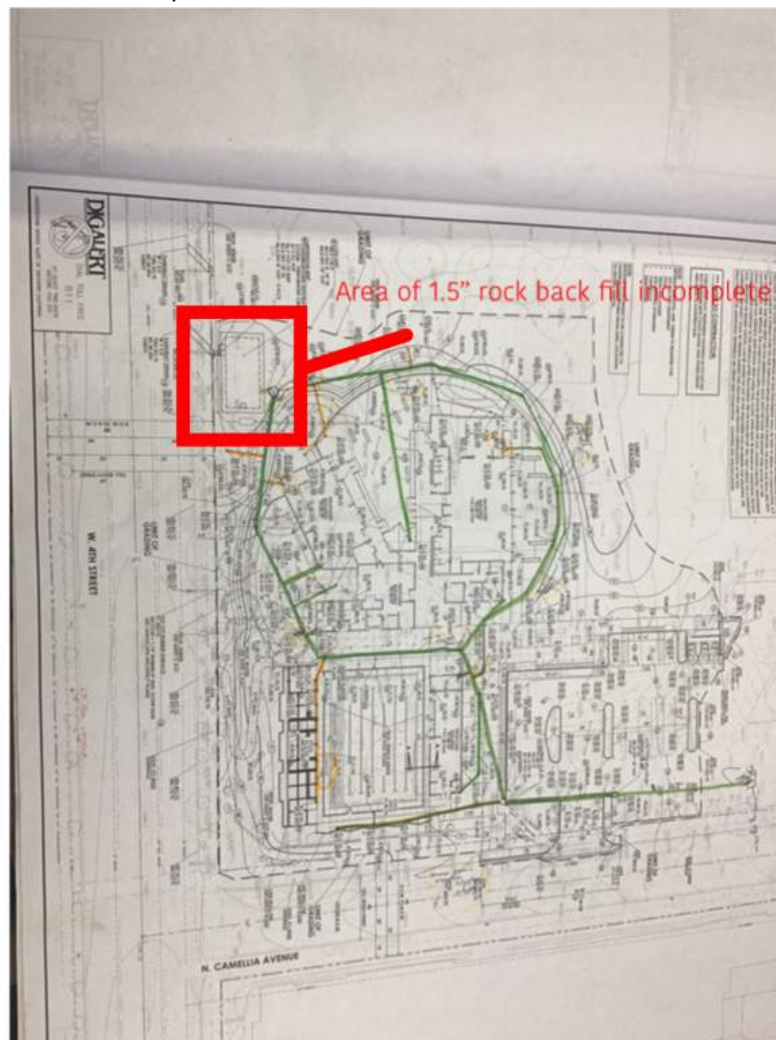
Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Area of 1.5" rock back fill incomplete



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Tim

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*



Daily Field Report - Jul 15, 2020

KLF Project #: 20210301.001A

by Erik Kinczel for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: JPL
Equipment: Smooth drum roller

87°F, Partly Cloudy
Time Start: 07:00 AM Time Stop: 01:00 PM
Traveled 2.0 hrs, 41 mi.

Types of Tests/Observations Performed:

Ac Pavement



Documents Referenced:

Observations/Remarks:

Arrived at the Poultry yard at SCE WOD project at 5:30am to retrieve equipment and proceeded to the Ontario lab, loaded density gauge and proceed to project location.

Arrived onsite at 7:00 am and conferred with superintendent for instructions on the day's operations

Road repair at 774th street power conduit crossing-Terra Pave

Observed and tested road repair at south side of site, 42" steel road plates were removed with a backhoe and exposed repair surfaces at saw cuts were prime red with tar tack prior to placement of asphalt

Hot mix asphalt (3/4 PG70 10) temperature was at 296 & 314 degrees Fahrenheit (2 batches) and was placed with a skip loader from a dump truck at repair area and compacted with a jumping jack and a smooth drum roller at repair trench, asphalt was placed in 2 successive 3" layers throughout from the north side curb to the south side curb

Density testing by nuclear method showed materials meet project requirements of 90.0% wet density (2 tests)

Returned density gauge to the Ontario lab

Kleinfelder Representative *Signature*

Erik Kinczel

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1:



Fig. 2:



Erik Kinczel

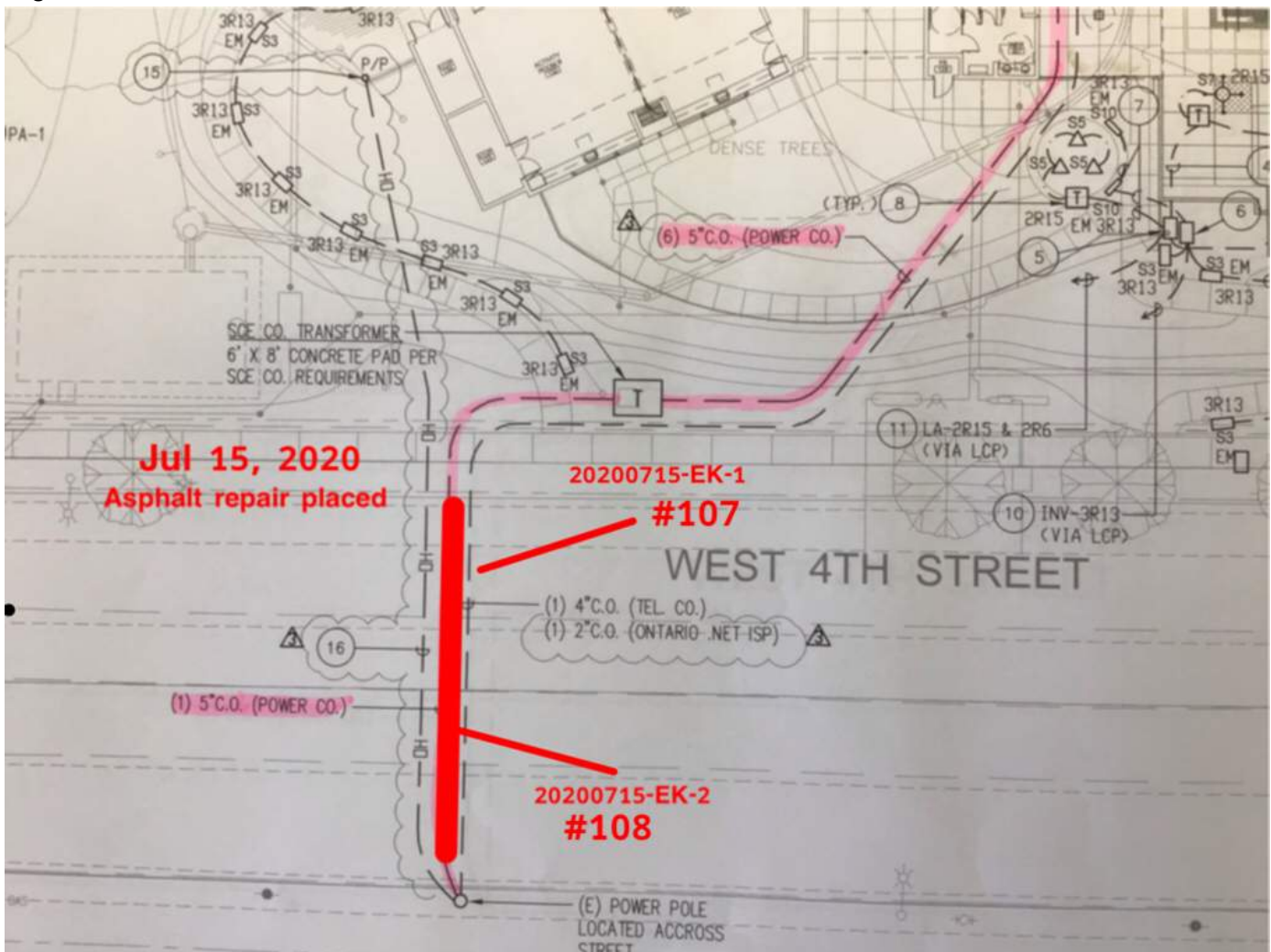
Kleinfelder Representative *Signature*

Erik Kinczel

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



Erik Kinczel

Kleinfelder Representative Signature

Erik Kinczel

Kleinfelder Representative Print Name

Plans and Markups

Fig. 2:



Erik Kinczel

.....
Kleinfelder Representative *Signature*

Erik Kinczel

.....
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3:



Erik Kinczel

Kleinfelder Representative *Signature*

Erik Kinczel

Kleinfelder Representative *Print Name*



Asphalt Density Report - Jul 15, 2020

KLF Project #: 20210301.001A

by Erik Kinczel for Anthony Munoz Community Center

Supplier: Holiday Test Method: ASTM D2950
Mix Design No: PG5170 Lab Max Density (pcf): 148.8
Mix Type: 3/4" PG70 10 Specified Compaction (Min - Max): 90.0% - 100.0

Gauge Serial No.: M350607944 Gauge Make/Model: CPN / MC-3
Date of Std./Adj.: 7/15/2020 Source of Calibration:
Density Std. Count: 33778 Date of Calibration: 12/13/2019
Moisture Std. Count: 7960

General Area of Testing: Road repair over power conduit at 4th street crossing

Test #	Probe Depth (in)	Layer/Lift	Thickness (in)	Density Count, Trial 1	Density (pcf), Trial 1	Density Count, Trial 2	Density (pcf), Trial 2	Average Density (pcf)	Relative Compaction (%)
20200715-0946-EK-1	BS	2	3	7960	145.3	7960	146.6	145.9	98.1
Location: 1245 4th street north side									
20200715-1033-EK-2	BS	2	3	33778	147.1	33778	147.6	147.3	99
Location: 1245 4th street south side									



Daily Field Report - Jul 17, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 90°F, Clear
Contractor: Hamel Contracting, JPI, BAC Time Start: 06:30 AM Time Stop: 12:30 PM
Equipment: Backhoe, Excavator, Loader, Water Truck, Jumping Jack Traveled .15 hrs, 6.0 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved Site Plans

Observations/Remarks:

I arrived onsite to site of Anthony Munoz Community Center, per request of Tom with Hamel Contracting, for scheduled soils testing and observation. Upon arrival I met with Tom to discuss work plans for the day, he notified me that JPI would be onsite for placement of grease interceptor on the south west side of the building pad near the BMP retention system as well as center loading fire line for fire marshal inspection and hydro test.

JPI GREASE INTERCEPTOR PLACEMENT AND BACK FILL OBSERVATION

JPI was onsite with a crew of (6) and had 1 backhoe, 1 excavator, 1 loader, and 1 water truck onsite. The crew took delivery of their grease interceptor at 7:30am. Upon delivery the crew prepared the area of placement with 12" of rock bedding. Their excavator was then used to place grease interceptor. The crew then worked on making sewer line connections to interceptor. At 12:00pm the crew was notified by site superintendent that confirmation of city inspection was received and city inspection would not be available until Monday 7/20/2020. At this time the crew with JPI canceled back fill of the grease interceptor and moved over to fire line. The crew center loaded fire line in various areas to prepare for hydro test inspection by fire marshal scheduled for Tuesday 7/21/2020.

At this time I notified Tom with Hamel Contracting of back fill cancelation due to city inspection requirements. Back fill rescheduled for 7/20/2020.

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Grease interceptor to be placed



Fig. 2: 12" rock bedding placed below grease interceptor area



Fig. 3: Grease interceptor placement



Fig. 4: Fire line center loading to be removed and recompactd after hydro testing complete



gm

Acknowledged By *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

Tim Miller

Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*



Daily Field Report - Jul 20, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 90°F, Clear
Contractor: Hamel Contracting, JPI, BAC Time Start: 06:30 AM Time Stop: 02:00 PM
Equipment: Excavator, Skip Loader, Loader, Water Truck Traveled .15 hrs, 6.0 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved site plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center site, per request of Tom with Hamel Contracting, for scheduled soils observation and testing. Upon arrival I met with Tom to discuss work plans for the day, I was notified that JPI would be removing roughly 6" of 1.5" rock previously placed above BMP retention system due to RFI from Friday 7/10/2020 stating that due to elevation issues engineer would be requiring 6" of 1.5" rock instead of 12" and 6" of native fill above that. Also they would begin back fill of the grease interceptor previously installed 7/17/2020 but would need city inspection that was scheduled for between 8:00am and 11:00am. Tom also notified me of BAC (electrical contractor) that had an area of sidewalk along the North side of 4th st. Just outside the perimeter fence that they would be placing concrete back at due to removal for trenching across 4th. St.

BAC (ELECTRICAL CONTRACTOR) SIDEWALK REPLACEMENT OBSERVATION AND TESTING

BAC was onsite with a crew of (3), the crew had previously scarified and re-compacted a section of sidewalk area that was removed for trenching of electrical conduit along 4th st just outside the perimeter fence. The crew notified me they scarified roughly 10-12" and then re-compacted area via jumping jack. I took a total of (1) density tests in the area at FSG elevation via calibrated nuclear density gauge. This test met or exceeded the required 95% compaction. (See attached plot plan and SDT sheet for detailed results and location.)

Upon completion of sidewalk area being complete while awaiting concrete delivery the crew with BAC moved over to complete back fill of electrical conduit trench just inside the perimeter fence to Edison box from street. Trench was roughly 20' long and 1' deep. Crew previous began back fill and continued from where they had previously left off. The crew moisture conditioned native materials with water buffalo and placed as well as compacted material with backhoe and sheep's foot roller attachment. A total of (1) density test was taken in the area of back fill via calibrated nuclear density gauge, test taken met or exceeded required 90% compaction. (See attached plot plan and SDT sheet for detailed results and location of testing.)

JPI BMP RETENTION SYSTEM/ GREASE INTERCEPTOR BACK FILL OBSERVATION AND TESTING

JPI was onsite with a crew of (5) to begin back fill of the grease interceptor at the south west corner of the site. I met with Kyle (foreman for JPI) and he notified me they could not begin back fill of the grease interceptor until after city inspection scheduled between 8:00am and 11:00am. He notified that while they awaited city inspectors arrival they would be removing roughly 6" of previously placed 1.5" gravel from the top of the BMP retention system due to and RFI from engineer retaining to elevation issues in the area. Due to elevation

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Tim Miller

Kleinfelder Representative *Print Name*

issues RFI states 1.5" gravel must be 6" above CMP instead of the 12" stated in approved plans (C0.04), and then 6" of native material above gravel. The crew began removal of the 6" of gravel via excavator and shovels.

During removal of gravel from BMP system JPI also had a crew of (2) that began center loading fire line to prepare for inspection by fire marshal and hydro testing. The crew placed roughly 2.5' of material loosely between all bells and connections along the 8" fire line to center load for hydro testing. Material was placed via backhoe and no compaction efforts were made. Material will need to be removed and replaced upon completion of hydro testing when back fill is approved by fire inspector.

Matt with City of Ontario arrived onsite at 10:30am for grease interceptor inspection. JPI had overfilled interceptor with water and did not have connections and vents exposed at the time of inspection. Matt with city of ontario notified Kyle with JPI that inspection was not possible until connections were exposed and tank was not overfilled and saturated because leaks could not be verified due to overfill. Matt notified if crew could expose connections and dry out tank he would come back for a late afternoon inspection.

At 1:30pm Tom was notified that Matt City of Ontario inspector would be later than expected and at this time Tom notified me that he would be canceling back fill of grease interceptor and asked for technician to be onsite the following day 7/21/2020.

Photo Log

Fig. 1: BAC (electrician) sidewalk replacement



Fig. 2: Removal of roughly 6" of gravel from top of CMP retention system pipes




Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*



Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 3: Grease interceptor placed and to be back filled



Fig. 4: Edison line trench back fill and compaction



[Signature]

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

[Signature]

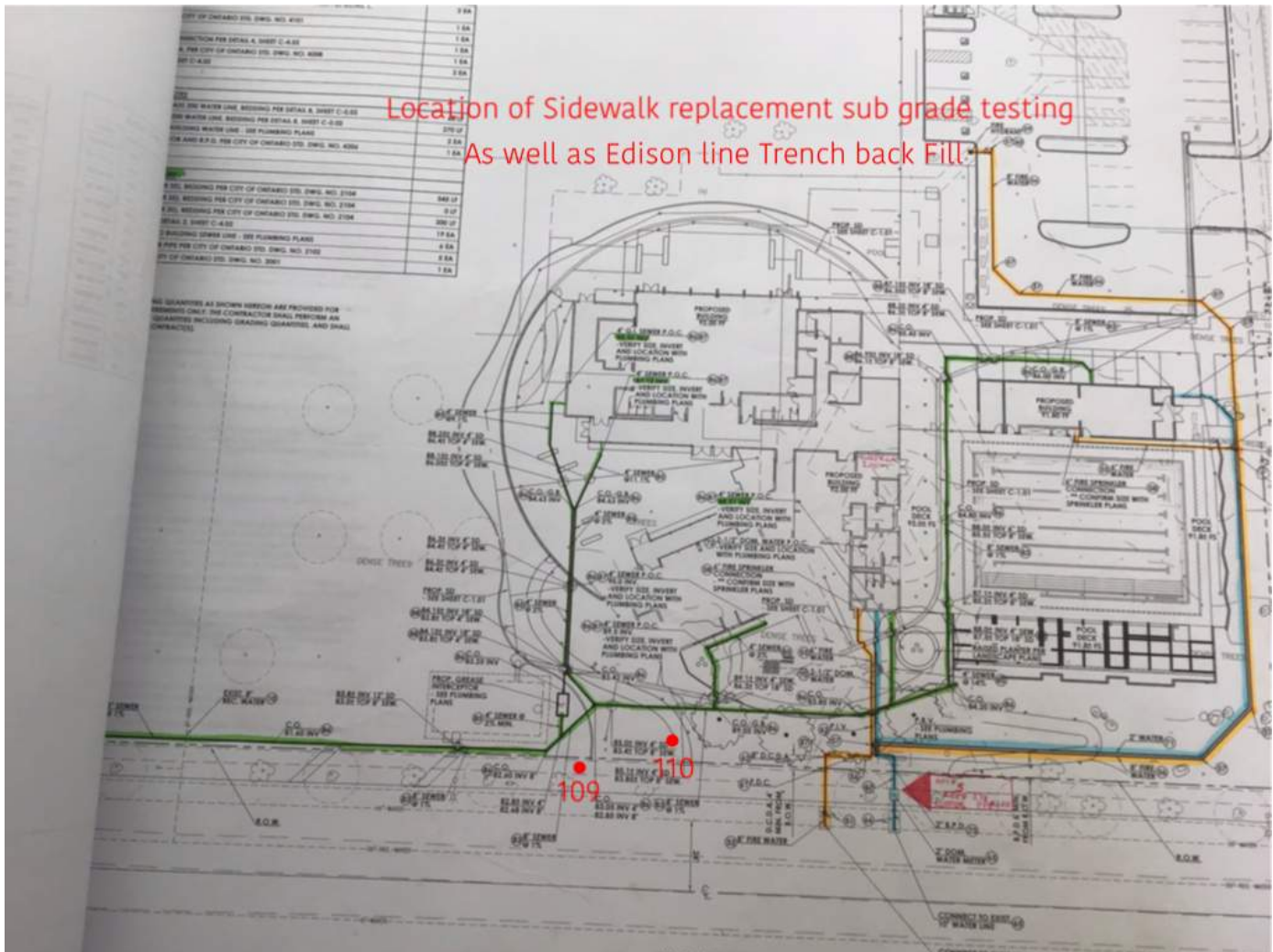
Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Location of sidewalk replacement area sub grade density testing/ edison line trench back fill



Tom Hamel
Acknowledged By *Signature*

Tim Miller
Kleinfelder Representative *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

Tim Miller
Kleinfelder Representative *Print Name*



Soil Density Report - Jul 20, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

General Location: Sidewalk area along north side of 4th st.

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607944

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 7/20/20

Date of Calibration: 12/13/2019

Density Std. Count: 33698

Moisture Std. Count: 8010

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
109	8	/ 0	20-ONT-00519.1	129.0	7.9	95	5.9 - 9.9	9.2	124.2	96.3
	Location:		Sidewalk area along north side of 4th st.							
110	8	/ 0	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.7	118.7	92
	Location:		Edison Line Trench Back Fill along 4th St.							



Daily Field Report - Jul 21, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 90°F, Clear
Contractor: HAMEL CONTRACTING/JPI/BAC Time Start: 07:30 AM Time Stop: 02:30 PM
Equipment: EXCAVATOR, LOADER, BACKHOE, WATER TRUCK Traveled .15 hrs, 6.0 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

APPROVED SITE PLANS

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom (superintendent) with Hamel Contracting, for scheduled soils testing and observation. Upon arrival I met with Tom to discuss work plans for the day. I was notified that JPI would be beginning back fill of the grease interceptor as well as begin back fill of the 8" fire line trench pending fire inspectors inspection scheduled for 9:00am.

JPI GREASE INTERCEPTOR AND 8" FIRE LINE BACK FILL OBSERVATION AND TESTING

JPI had a crew of (5) onsite to begin back fill in various locations onsite. The crew began back fill of the previously placed grease interceptor on the south west end of the building pad near the BMP retention system. They broke a 4" sewer line running near the interceptor and were forced to repair before moving forward. During repairs being made they moved over to begin back fill of 8" fire line.

The crew with JPI began 8" fire line trench back fill. Sand was placed roughly 12" above the 8" HDPE pipe leaving roughly 2' of native fill needed to complete back fill. The crew began with mixing and moisture conditioning native materials with water truck and loader in their stock pile. Material was then placed in loose 8" lifts with loader and spread evenly with excavator. Between each lift materials were compacted with sheep's foot roller attachment on their excavator making repetitive passes as well as rubber wheel rolled with fully loaded loader. Density testing was done between lifts via calibrated nuclear density gauge. A total of (12) density tests were performed at various depths and locations, all tests met or exceeded required 90% compaction. (See attached plot plan and SDT sheet for detailed results and locations.)

Proctor 20-ONT-00519

Max Dry 129.0 PCF

Opt Water 7.9%

Crew did not complete back fill of grease interceptor before end of day. Work is scheduled to continue 7/22/2020.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Grease interceptor area of back fill



Fig. 2: Excavator with sheeps foot used for compaction



Fig. 3: Loader used onsite for placement and mixing



THM
Acknowledged By *Signature*

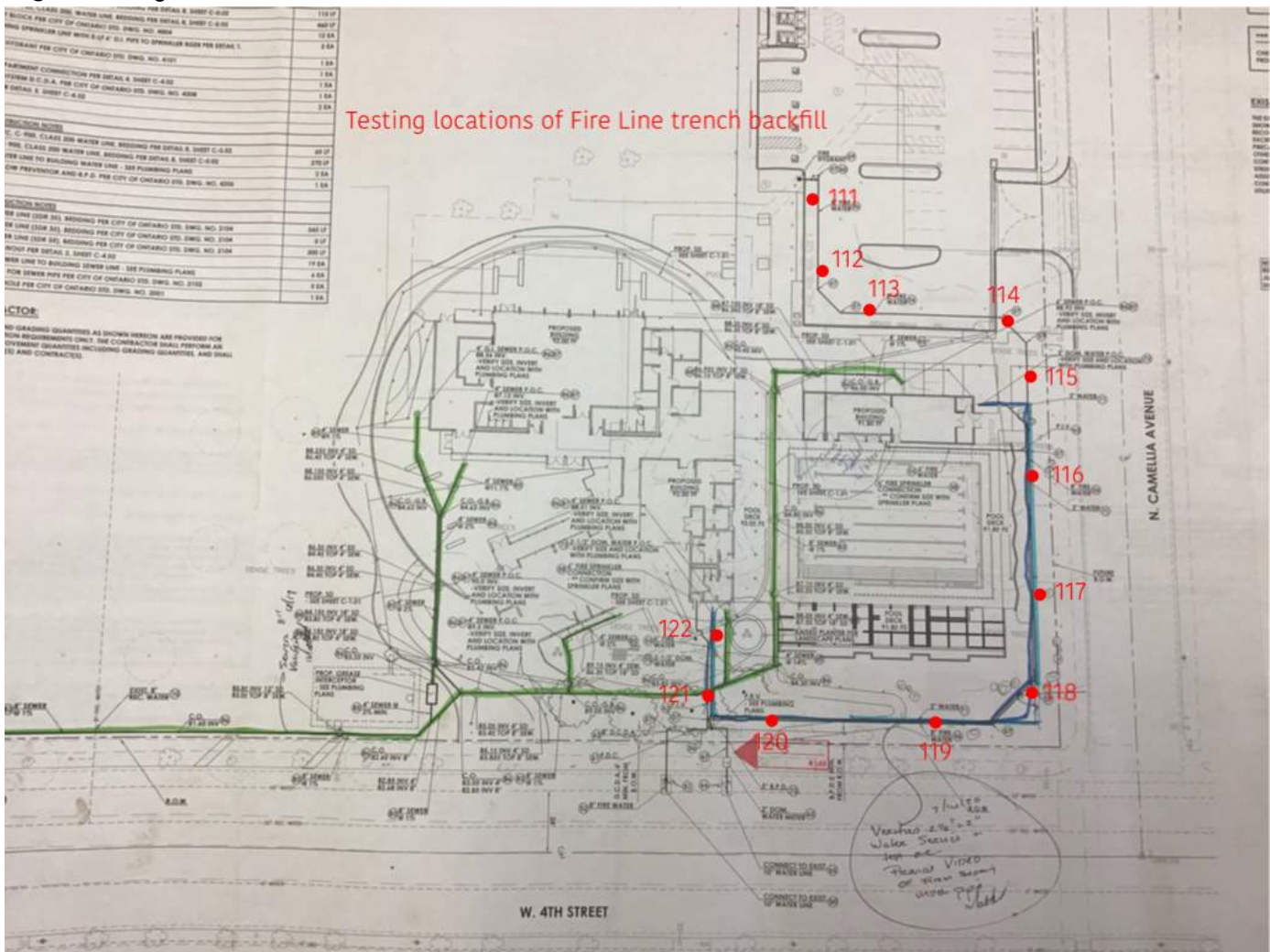
Tom-Hamel Contracting
Representing Company *Company Name*

Tim
Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Testing locations of fire line trench back fill



Acknowledged By *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*



Soil Density Report - Jul 21, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

General Location: 8" fire line trench back fill

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607944

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 7/21/20

Date of Calibration: 12/13/2019

Density Std. Count: 34011

Moisture Std. Count: 8114

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
111	8	/ 1'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.6	119.2	92.4
	Location: 8" HDPE fire line trench back fill									
112	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.2	117.8	91.3
	Location: 8" HDPE fire line trench back fill									
113	8	/ 1'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.4	119.1	92.3
	Location: 8" HDPE fire line trench back fill									
114	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.7	118.4	91.8
	Location: 8" HDPE fire line trench back fill									
115	8	/ 1'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8	118.7	92
	Location: 8" HDPE fire line trench back fill									
116	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.8	118.4	91.8
	Location: 8" HDPE fire line trench back fill									
117	8	/ 1'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.3	118	91.5
	Location: 8" HDPE fire line trench back fill									
118	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.3	118.5	91.9
	Location: 8" HDPE fire line trench back fill									
119	8	/ 1'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.8	116.6	90.4
	Location: 8" HDPE fire line trench back fill									
120	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.2	118.4	91.8
	Location: 8" HDPE fire line trench back fill									
121	8	/ 1'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.6	117.5	91.1
	Location: 8" HDPE fire line trench back fill									
122	8	/ 0'	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9	118.3	91.7
	Location: 8" HDPE fire line trench back fill									



Daily Field Report - Jul 22, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA

85°F, Clear

Contractor: JPI

Time Start: 07:00 AM Time Stop: 01:00 PM

Equipment: Backhoe w/sheeps foot

Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz project in the city of Ontario per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Perforated underground retention system)

JPI was on site backfilling the storm drain leading to the retention system. JPI moisture conditioned soil in stockpile prior to placement. The contractor used a backhoe with sheeps foot achieve compaction. I used a calibrated nuclear density gauge to check compaction and moisture content. 2 tests were taken, 2 tests met minimum specified compaction per plans and specifications.

(Pool return/drain plumbing)

California Waters was on site placing sand for shading of the pool return and drain lines. Work is on-going.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Retention system



Fig. 2: Storm drain backfill/compaction



Fig. 3: Pool return/drains sand shading



Tom Hamel

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

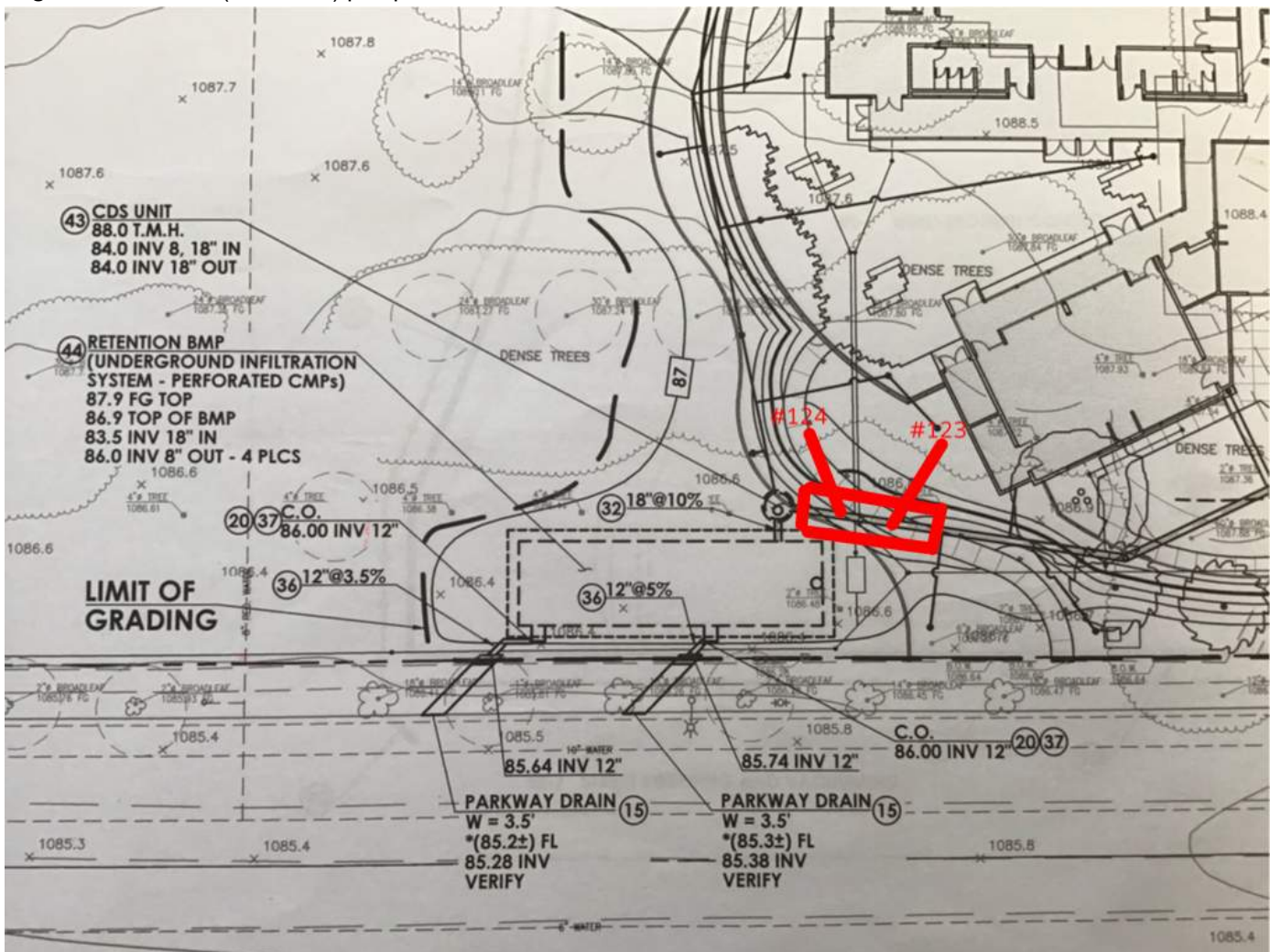
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Storm drain (#123-124) plot plan



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Soil Density Report - Jul 22, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Perforated underground retention system

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 7/22/20

Date of Calibration: 9/9/2019

Density Std. Count: 30575

Moisture Std. Count: 8365

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
123	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.1	118.3	91.7
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129.0 @ 7.9%							
124	8	/ 2	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.7	116.9	90.6
	Location:		Storm drain							
	Remarks:		Proctor: 20-ONT-00519.1 129.0 @ 7.9%							



Daily Field Report - Jul 23, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: California Waters
Equipment: Jumping jack

84°F, Clear
Time Start: 07:00 AM Time Stop: 11:00 AM
Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz project in the city of Ontario per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Pool return/drain system)

California Waters was on site back filling the pool return/drain lines. Sand was used to shade pipe. I used a probe to check relative compaction. Probing confirmed sand was firm and unyielding. Contractor moisture conditioned soil prior to placement. Contractor used a jumping jack to achieve compaction. I used a calibrated nuclear density gauge to check compaction and moisture content. 3 tests were taken, 3 tests met minimum specified compaction per plans and specifications. I also used a probe to check relative compaction. Probing confirmed soil was firm and unyielding.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Pool drain plumbing (sand shading)



Fig. 2: Return/Drain system compaction



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

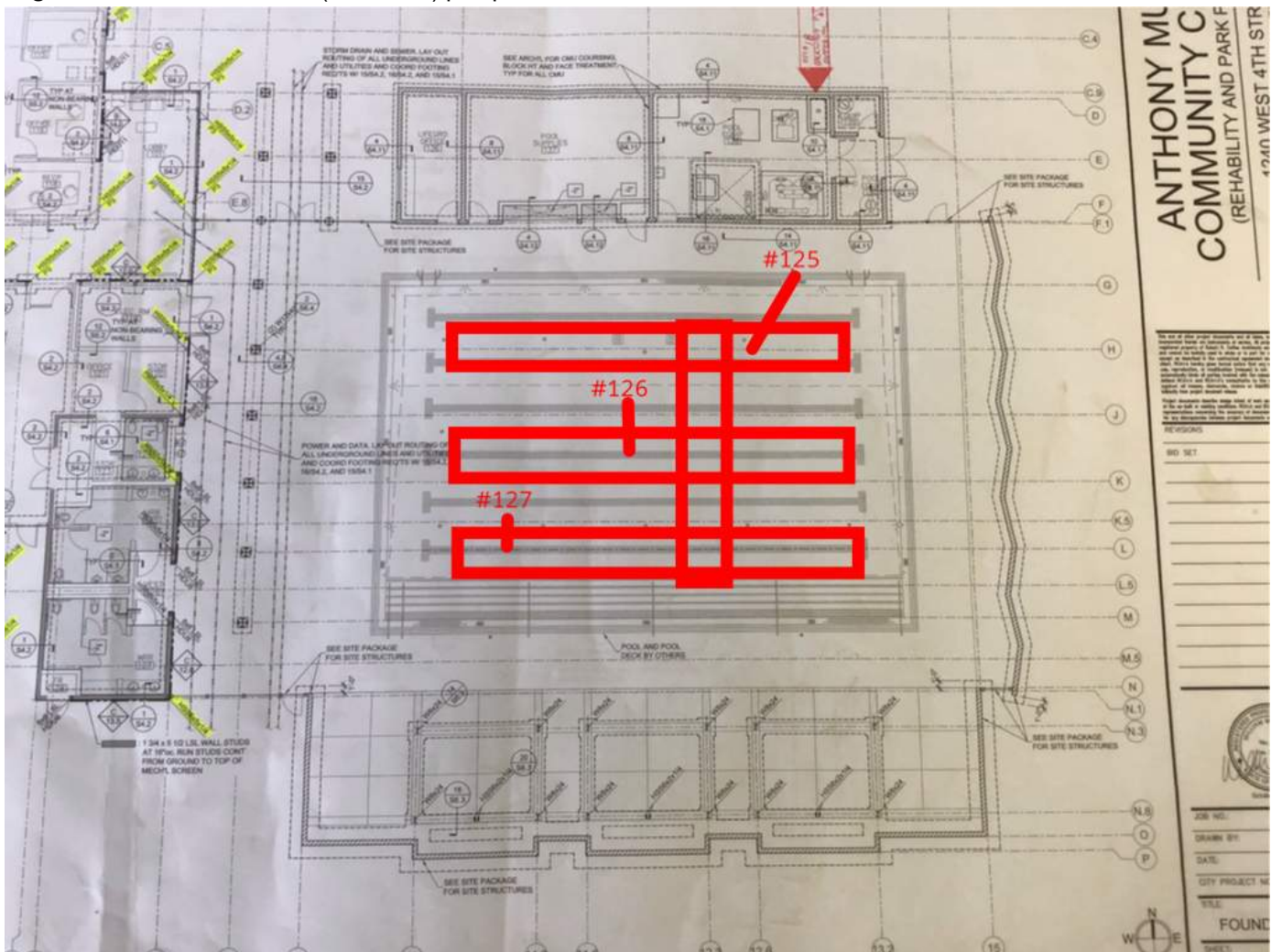
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Pool return/drain line (#125-127) plot plan



Acknowledged By *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Shawn McLaren
Kleinfelder Representative *Print Name*



Soil Density Report - Jul 23, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

General Location: Pool return/drain system

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M350607946

Gauge Make/Model: CPN / MC3

Date of Std./Adj.: 7/23/20

Date of Calibration: 9/9/2019

Density Std. Count: 30677

Moisture Std. Count: 8268

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
125	6	/	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	9.2	118.5	91.9
	Location: Pool return/drain lines		Remarks: Proctor: 20-ONT-00519.1 129.0 @ 7.9%							
126	6	/	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	7.7	117.1	90.8
	Location: Pool return/drain lines		Remarks: Proctor: 20-ONT-00519.1 129.0 @ 7.9%							
127	6	/	20-ONT-00519.1	129.0	7.9	90	5.9 - 9.9	8.3	116.4	90.2
	Location: Pool return/drain lines		Remarks: Proctor: 20-ONT-00519.1 129.0 @ 7.9%							



Daily Field Report - Jul 27, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: KAR, California Waters

70°F, Clear
Time Start: 07:00 AM Time Stop: 11:00 AM
Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Reinforcing Steel

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz community center in the city of Ontario per the request of Hamel and spoke to Tom (superintendent) about the inspections needed for the day.

(Pool maintenance building and pool foundation reinforcement steel)

KAR was on site receiving reinforcement steel for the pool maintenance building footings. The delivery company provided mill certs for all reinforcement delivered. All reinforcement met specified plans and specifications.

California Waters was on site receiving reinforcement steel for the pool bottom. The delivery company provided mill certs for all reinforcement delivered. All reinforcement met specified plans and specifications.

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Mill cert 1

[illegible]

Fig. 2: Mill cert 2



CMC STEEL CALIFORNIA
12400 Avenue Route
Rancho Cucamonga CA
91739-8887

CERTIFIED MILL TEST REPORT
For additional copies call
951 484 7827

We hereby certify that the test results presented
are accurate and conform to the reported grade specified.

Michael King
Sales Manager

HEAT NO: 1931474 SECTION: REBAR 12MM (4#) 20'P 420SLA GRADE: ASTM A615-11 Gr 420SLA ROLL DATE: 01/16/2019 WGT DATA: 12564919 Cert. No: 8294768 / 9631449130	S O L U O	JAMAC Steel Inc 1 633 E Belmont St Ontario CA US 91761-3252 P 909027192 O 909024783	CPU Rancho Cucamonga H 12400 Ave Rte P Rancho Cucamonga CA US 91739-8887 T 909461788 O	Delivery#: 82947428 SOL#: 193147 CUST PO#: 919396 CUST PIN: DELVY LBS / HEAT: 26174.00 LB DELVY PCS / HEAT: 2858 GA
--	-----------------------	---	--	--

Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.345%	Reid Test 1	Passed		
Mn	0.35%	Rebar Deformation Arg. Tensid	5.200N		
P	0.017%	Rebar Deformation Arg. Neigh	0.000N		
S	0.021%	Rebar Deformation Max. Dep	0.004N		
Si	0.33%				
Cu	0.49%				
Cr	0.21%				
Ni	0.18%				
Mo	0.041%				
V	0.006%				
Co	0.02%				
Se	0.012%				
Yield Strength test 1	75.8SLA				
	420MPa				
Yield Strength test 1 (avg)	111.8SLA				
Tensile Strength test 1	78.0MPa				
Tensile Strength test 1 (avg)	117%				
Elongation test 1	81N				
Elongation Gauge Lgth test 1	1.57				
Tensile to Yield ratio test 1					

The following is text of the material represented by this WTC:

Rebar is hot rolled.

100% metal and cold in the coil

20 to 24 coils / 1 coil

Coil size 48" wide

Coil size 100" wide

Manufactured in accordance with the latest version of the steel quality manual.

Heat: The "Heat Number" is (2) 8294768, 48, 474, 412

Warning: This product can contain very low levels of lead and arsenic in the State of California is known to be present in the State of California to cause cancer and other reproductive harm. For more information go to www.P660606.org

Fig. 3: Mill cert 3

GPC STEEL ARIZONA
11541 N. GOODMAN RD.
MESA AZ 85213-9700

CERTIFIED MILL TEST REPORT
For additional copies call
850-272-8771

We hereby certify that the test results presented here
are accurate and conform to the reported grade specification

[Signature]
Jillie Olson - GPC Steel

Quality Assurance Summary

HEAT NO: 4093219
SECTION: SPCCS WESAR 136M (4)
A61616748-48 3.5T
GRADE: ASTM A616 OR A706-60 Dual P
ROLL DATE: 05/28/2019
MELT DATE: 05/28/2019
Cust. No.: 82913306 / 098319F001

S JAMAC Steel Inc
C
L 533 E Belmont St
P Ontario CA
S06 81741-3352
P 9069937562
C 9008047813

S JAMAC Steel Inc
H
L 533 E Belmont St
P Ontario CA
S06 81741-3352
P 9069937562
C 9008047813

Delivery# 12913586
RSL# 73313460
CUST PGM: 810000
CUST PGM:
BLVDY LMT / HEAT: 6944.000 18
BLVDY PCS / HEAT: 1

Characteristic Value		Characteristic Value		Characteristic Value	
C	0.28%	Elongation test 1	15%		
Mn	1.27%	Elongation Long Legits test 1	8%		
P	0.023%	Yields to Yield ratio test 1	1.66		
S	0.033%		Passed		
Si	0.20%	Rubber Deformation Avg. Spec	0.25709		
Cr	0.28%	Rubber Deformation Avg. Dual	0.05908		
Cu	0.15%	Rubber Deformation Max. Gap	3.11486		
N	0.11%	Road Test Outcome	1.00008		
Mo	0.022%	Strain at Peak Stress test 1	7.7%		
V	0.062%				
Co	0.000%				
Sb	0.010%				
Al	0.005%				
K	0.026%				
	0.51%				
Carbon Eq A706					
Yield Strength test 1		73.340			
Yield Strength test 1 limit		50.0976			
Tensile Strength test 1		107.264			
Tensile Strength 1 limit		73.889*			

The Following is a list of the material received by this MTO:
 *Material is not listed
 *100% tested and within the USA
 *100% tested and 1/2 certified
 *Material is not tested
 *Certified as Electrically conductive
 *Material tested in accordance with the latest version
 of the plant quality report
 *When the "Buy America" requirements of 23 USC 329 (a), 40 CFR 94.01
 *Warning: This product can contain gas or hydrogen which can
 become in the flow of California in some cases, both sections
 or other regulatory requirements. For more information go
 to www.Hilltopping.com for gas

(04083)

Page 1 of 1 12/02/2019 14:10:28

Fig. 4: Mill cert 4

[illegible]

Shu Shen

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Daily Field Report - Jul 28, 2020

by Alejandro Garcia for Anthony Munoz Community Center

DFR #: Anthony Munoz Community
Center Report 1
KLF Project #: 20210301.001A

Client: City of Ontario, CA
Contractor: KAR Construction Inc
Equipment: Hand tools

91°F, Clear
Time Start: 11:00 AM Time Stop: 03:00 PM
Traveled .5 hrs, 6 mi.

Types of Tests/Observations Performed:

Reinforcing Steel

Report items
 Comply

Documents Referenced:

Anthony Munoz Community Center Plans, Structural Details sheets 4.11, 4.1

Observations/Remarks:

Arrived onsite and Met with superintendent Tom to discuss work to be performed throughout the day. Was informed that KAR Construction would be working on reinforcing steel for pool building. Was also informed of reinforcing steel that was delivered recently. Tom provided mill certs, reinforcing steel was inspected and approved.

Footing Reinforcing Steel

Contractor was already in the process of placing reinforcing steel upon arrival onsite. Bars at bottom of footing consisted of three #4 bars supported on 3# dobies, lap splices were minimum 30" in length (plans called for minimum 26"). Additional bars were placed at corners and intersections per detail 14 on sheet S4.11. Vertical reinforcing consisted of #5 bars spaced at 16", with hooks at bottom alternating, per detail 4 on sheet S4.11. Double jamb bars were placed at openings. South of the pool surge pit (per RFI #56), a single #4 z bar was placed, as well as two continuous #4 bars. Z bar was one continuous piece of rebar with 3' tails at the ends. Contractor also drilled holes on the pool surge approximately 8" deep in order to epoxy #4 bars into wall. Epoxy to be used is Simpson Set-XP, material verified and not expired. Holes were drilled 1' apart at top and bottom, staggered, and cleaned with a brush and air, per manufacturers recommendations, and then epoxy was placed into holes. Bars were then inserted into wall. Drill and epoxy performed conforms to RFI #56-1 and #56-2. Wall was also roughened and weather proofing removed prior to arrival. Footing reinforcing steel inspected from grid lines F.1/10 - F.1/14; C.9/10 - C.9/14; F.1/10 - C.9/10; and F.1/14 - C.9/14, all steel used was grade 60 S. Footing reinforcing steel complete. Met with Matt, city inspector towards end of day, concrete ready to be placed tomorrow, July 29, 2020.

Kleinfelder Representative Signature

Alejandro Garcia

Kleinfelder Representative Print Name

Photo Log

Fig. 1: Reinforcing steel for pool building footings



Fig. 2: Epoxy used



Fig. 3: Epoxying bars into wall



Alex Garcia

Kleinfelder Representative *Signature*

Alejandro Garcia

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Jul 29, 2020

KLF Project #: 20210301.001A

by **Shawn McLaren** for **Anthony Munoz Community Center**

Supplier: Holiday rock 1 set(s) of Concrete Cylinders cast
Mix Design #: 3C40L600 Specified Strength: **4000** psi @ **28** days required
Building Element: Footing
General Location: Pool building footings

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
718 / 128017855 / 2	10	10:57am	11:26am	11:40am	29	6	N/A	N/A	88	88		4
Specific Location: Pool building footings												



Daily Field Report - Jul 29, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 90°F, Clear
Contractor: KAR Time Start: 09:30 AM Time Stop: 01:30 PM
Equipment: Conveyor belt concrete pump, backpack vibrator, hand tools Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Concrete

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz in the city of Industry per the request of Hamel and spoke to Tom (superintendent) about the inspections needed for the day.

(Pool building masonry footings)

KAR was on site placing concrete for the pool building masonry footings. All reinforcing steel was inspected the prior day. Holiday Rock provided 30 yards of mix: 3C40L600 4000 psi. I performed ACI slump, concrete temp, ambient temp and fabricated (4) 6x12 test specimens. Concrete samples were stored in a cure box on site.

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Concrete batch ticket

Fig. 2: Concrete placement



Tom Hanrahan
Acknowledged By *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Shawn McLaren
Kleinfelder Representative *Signature*

Shawn McLaren
Kleinfelder Representative *Print Name*



Daily Field Report - Jul 30, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: California Waters

70°F, Clear
Time Start: 07:00 AM Time Stop: 11:00 AM
Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Reinforcing Steel

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz project in the city of Ontario per the request of Hamel and spoke to Tom (superintendent) about the inspections needed for the day.

(Pool reinforcement)

California Waters was on site placing reinforcement for the pool bottom. All reinforcement was free from rust and mill certs were verified. All reinforcement placed met all plans and specifications (size, spacing, clearances, ties). Below the west drain rock was placed to fill an excavation for a relief valve. The relief valve was not approved and removed. The rock was removed and will be replaced with additional concrete. Work is on going and concrete will be placed on the next working day.

(Concrete sample pick up)

I collected (4) 6x12 concrete test specimens fabricated on 7/29 by myself and transported to the Kleinfelder lab for storing and testing.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Pool reinforcement (bottom)



Fig. 2: Floor to wall transition



Fig. 3: Drain system



Fig. 4: Rock below drain needed to be removed



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Daily Field Report - Jul 31, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 98°F, Clear
Contractor: Hamel Construction/ California Waters Time Start: 06:30 AM Time Stop: 12:30 PM
Equipment: Boom Pump, Mechanical Vibrator, Concrete Truck Traveled .15 hrs, 6 mi.

Types of Tests/Observations Performed:

Concrete



Documents Referenced:

Approved site plans, Approved concrete mix design (Holiday Rock 3C40L001 4000psi@28days)

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom (superintendent) with Hamel Construction, for scheduled concrete placement observation. Upon arrival I met with Tom to discuss scope of inspection for the day, I was notified that sub contractor California Waters would be performing concrete placement of the pool floor area.

California Waters was onsite with a crew of (8) to perform concrete placement of the pool floor area. The crew notified me they had 80yds of concrete ordered and scheduled to begin at 8:00am with first truck. Four Arrows Concrete Pumping was onsite with a boom pump and (1) operator. First truck arrived at 8:05am and began at 8:15am. Concrete trucks tailgated directly into boom pump where slump was maintained at 4" +/- 1" with exception of load #5 that was sampled and had a slump out of tolerance (7.5"), temps did not exceed 90°F, and time did not exceed 90min. W/C ratios did not exceed the .50 per approved mix design (Holiday Rock 3C40L001 4000psi @ 28days 1" .05 WCR). Rebar spacing was maintained during placement and supported via 3" doby blocks. During placement the crew used 2" mechanical vibrator for consolidation and basic hand tools for finishing activities. Kleinfelder tech Jimmy Monterroso was onsite for concrete sampling, samples were taken per City of Ontario spec at every 50yds. Jimmy cast (2) sets of (4) 6x12 cylinders and placed in field cure box onsite. See DFR for Jimmy Monterroso for detailed concrete sampling information. A total of 8 loads=80yds was delivered/placed. Concrete placement ended with last truck emptied at 11:15am. Upon completion the crew performed finish work with screed and trowels and then groomed surface with broom. Contractor is to follow ACI Hot and Cold Weathering procedures for the next few days.

****NOTE****delay of roughly 15-20min between trucks, during this time crew kept placed concrete moist with pump sprayer.

*****NOTE*****load number 5 did not meet tolerance allowable per plan for slump, slump allowable 4" +/- 1", truck number 5 slump sampled was at 7.5". Truck was sampled per ACI after first 2yds was displaced. Contractor was notified immediately of slump out of tolerance and contractor chose to continue with placement of full load from truck 5.

Acknowledged By *Signature*

Tom- Hamel Contracting

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Pool floor area of concrete placement

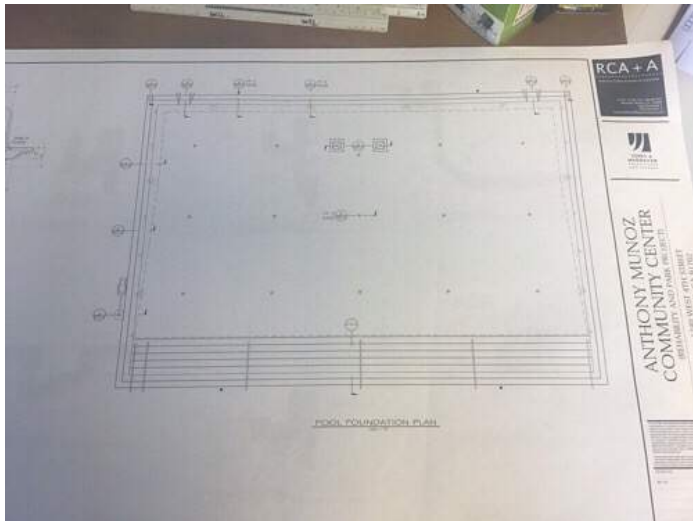


Fig. 2: Approved mix design (Holiday Rock 3C40L001 4000psi@28days)

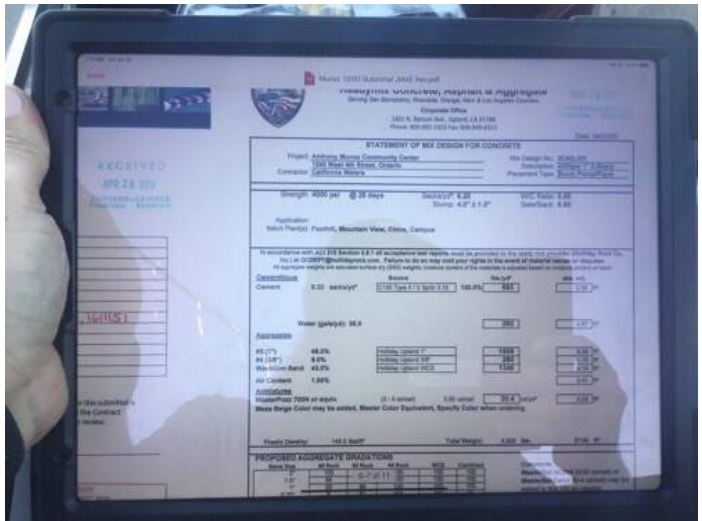


Fig. 3: Pool floor-area of concrete placement



Fig. 4: Boom pump used onsite for placement



Tom Hamel
Acknowledged By *Signature*

Tom- Hamel Contracting
Representing Company *Company Name*

Tim Miller
Kleinfelder Representative *Signature*

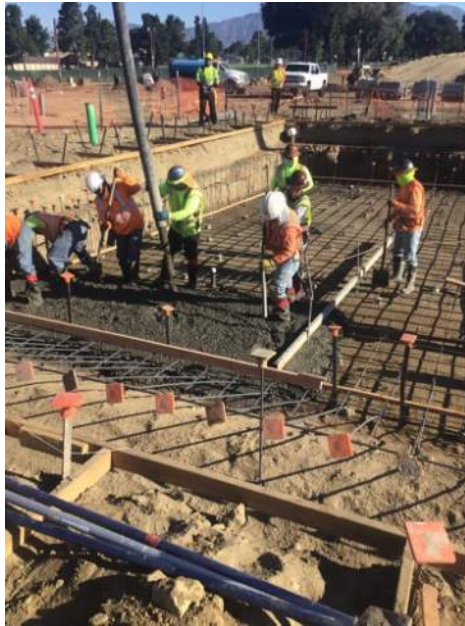
Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 5: Concrete placement activities



Fig. 6: Consolidation via 2" mechanical vibrator



Tom Hamel

Acknowledged By *Signature*

Tom- Hamel Contracting

Representing Company *Company Name*

Tim Miller

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*



Daily Field Report - Jul 31, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

98°F, Clear

Contractor:

Time Start: 07:00 AM Time Stop: 11:00 AM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Concrete



Report items
Comply with
Exceptions

Documents Referenced:

Approved mix designs and plans

Observations/Remarks:

Arrived on site today at community center located in Ontario CA. To perform field services testing and sampling of concrete.

Assisted ICC Special inspector with sampling and casting of two sets of 4 (6x12) concrete cylinders per ASTM standards as part of todays pour. Batch tickets were constantly monitored upon arrival. Approximately 80 cu.yrds of concrete was placed at slab for new pool, mix #3C40L001 delivered by Holliday rock.

.....
Kleinfelder Representative *Signature*

.....
Jimmy Monterroso

.....
Kleinfelder Representative *Print Name*

Photo Log

Fig. 1:



Fig. 2:



.....
Kleinfelder Representative *Signature*

.....
Jimmy Monterroso

.....
Kleinfelder Representative *Print Name*



Sampling & Testing Log

Jul 31, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Supplier: Holliday rock 2 set(s) of Concrete Cylinders cast
Mix Design #: 3c40l001
Building Element: Slab-on-Grade
General Location: Pool floor

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
725 / 101162740 / 1	10	7:30am	8:00am	8:30am	30	5			75			4
Specific Location: Wes end of pool floor												
726 / 101162758 / 5	10	9:14am	10:00am	10:30am	46	*6.5			80			4
Specific Location: 23' E from W end of pool floor												



Daily Field Report - Aug 1, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

97°F, Clear

Contractor:

Time Start: 11:10 AM Time Stop: 11:10 AM

Traveled .5 hrs, 4 mi.

Types of Tests/Observations Performed:

Sample Pickup



Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. Couldn't perform task due to locked gates

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 3, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA 94°F, Clear
Contractor: Hamel Contracting/Haxton Masonry/KAR Construction Time Start: 07:00 AM Time Stop: 03:30 PM
Equipment: Drum Mixer, Fork Lift, Basic Hand Tools Traveled .15 hrs, 6.0 mi.

Types of Tests/Observations Performed:

Masonry, Reinforcing Steel

Report items
In Progress

Documents Referenced:

Approved site plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom (superintendent) with Hamel Contracting, for scheduled masonry observation. Upon arrival I met with Tom to discuss work plans for the day, I was notified Haxton Masonry was onsite to begin CMU block placement for the pool building, also that KAR construction was onsite taking delivery of rebar for community center building footings and would need mill certs verified.

KAR CONSTRUCTION FOOTING REBAR DELIVERY VERIFICATION

KAR construction was onsite and took delivery of all rebar for community center building footings. All Mill Certs were verified against materials delivered. All rebar delivered is of correct size and grade per provided mill certs. Crew began placement of rebar for community center building footings upon arrival of materials.

HAXTON MASONRY CMU BLOCK PLACEMENT FOR POOL BUILDING OBSERVATION

Haxton was onsite with a crew of (6) to begin CMU block placement for the pool building. The crew began with layout of the area and staging materials in areas needed. Approved ORCO 8" block was used and block samples tested by SCST previously. Crew was to use approved mortar (ORCO type S 1800psi@28days). A drum mixer was used to mix mortar onsite and crew used basic hand tools and mortar boards during placement. One mortar sample (3) 2"x4" cylinders were taken for lab testing and left onsite for field curing. The crew completed the first course of CMU placement on all outer walls of pool equipment building with 8" CMU. Interior walls first course has not been complete at this time. CMU placement is incomplete and scheduled to continue 8/4/2020.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Mill certs Kar construction

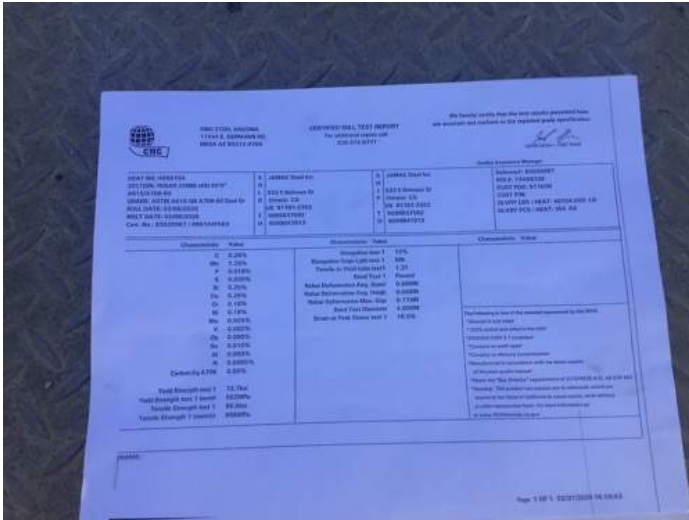


Fig. 2: Mill certs continued

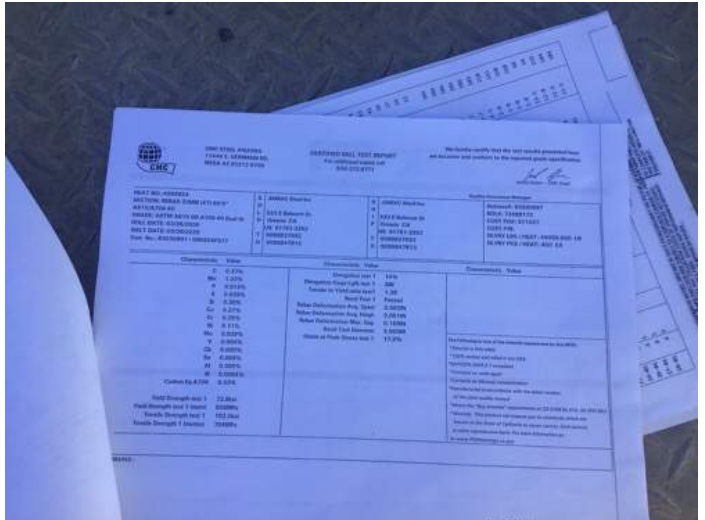


Fig. 3: Mill certs continued

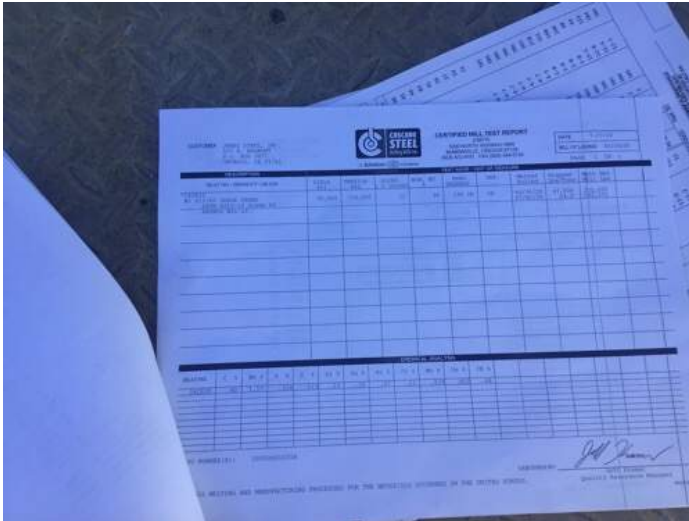
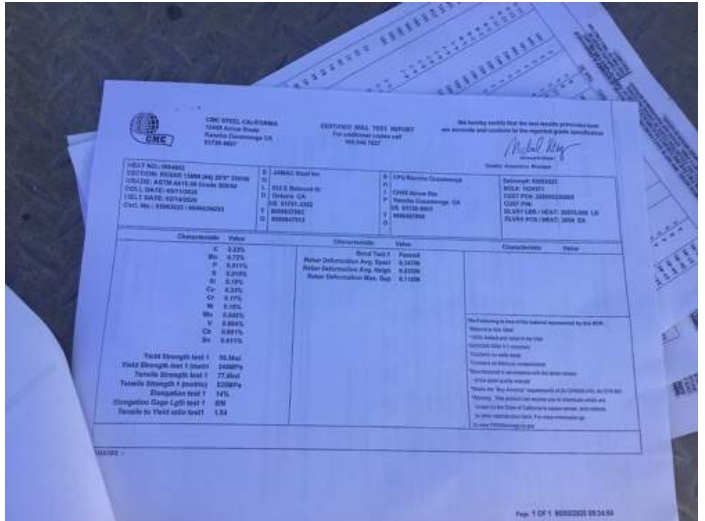


Fig. 4: Mill certs continued



Acknowledged By *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 5: Approved mortar (ORCO type-s 1800psi@28days)

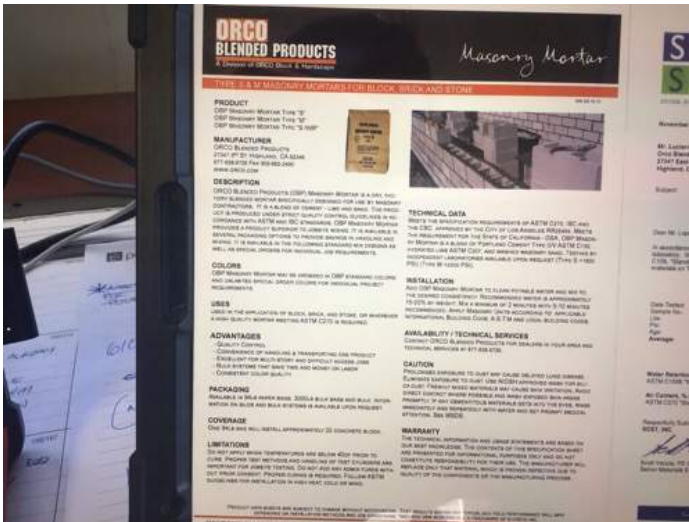


Fig. 6: Masonry General Notes approved plans

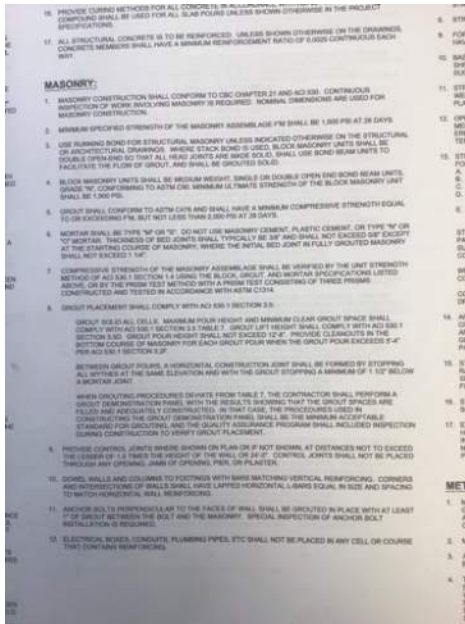


Fig. 7: S4.11 typical masonry detail

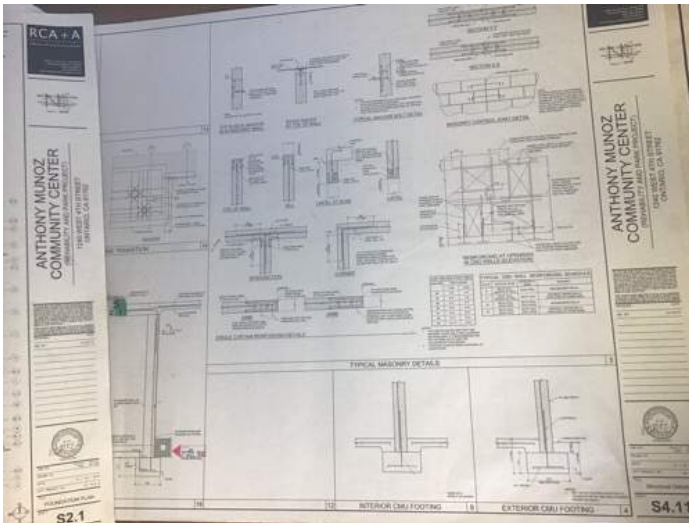
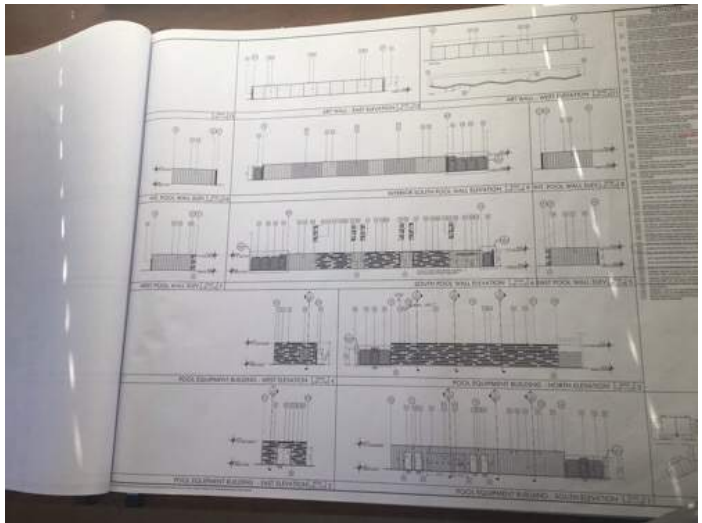


Fig. 8: Pool equipment wall layout



[Signature]

Acknowledged By Signature

Tom-Hamel Contracting
Representing Company Company Name

[Signature]

Kleinfelder Representative Signature

Tim Miller
Kleinfelder Representative Print Name

Photo Log

Fig. 9: Drum mixer used onsite



Fig. 10: Pool building area of CMU placement



Fig. 11: Mortar used onsite



Fig. 12: CMU placement



[Signature]

Acknowledged By *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*



Sampling & Testing Log

Aug 3, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Supplier: Orco 1 set(s) of Masonry Mortar cast
Mix Design #: Masonry Mortar Type-S Specified Strength: **1800** psi @ **28** days required
Building Element: Masonry Wall
General Location: Pool Equipment Bulding First Course

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		8:20am	8:30am		10				N/A	90		3
Specific Location: Pool Equipment Building Exterior Walls First Course												



Daily Field Report - Aug 3, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

93°F, Clear

Contractor:

Time Start: 11:40 AM Time Stop: 11:40 AM

Traveled .5 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 2 sets of 4 (6"x12") concrete compressive strength test specimens cast 7/31/20 were picked up and transported back to the Kleinfelder Ontario lab for further testing

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 4, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Contracting/Haxton Masonry
Equipment: Fork lift, Drum Mixer, Basic Hand Tools

91°F, Clear
Time Start: 07:00 AM Time Stop: 03:30 PM
Traveled .15 hrs, 6.0 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

Approved Site Plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom (superintendent) with Hamel Contracting, for scheduled masonry observation. Upon arrival I met with Tom and crew with Haxton Masonry to discuss work plans for the day. I was notified Haxton Masonry would continue placement of CMU for the pool equipment building.

HAXTON MASONRY CMU PLACEMENT OBSERVATION

Haxton was onsite with a crew of (6) to continue with CMU placement for the pool equipment building. The crew the previous day had completed their first base course of 8" CMU for all exterior and interior walls. To begin the crew moved pallets of CMU to areas needed to begin placement. The crew then prepped and mixed mortar (ORCO Type-S 1800psi@28days) with a drum mixer onsite. Mortar boards and hand trowels were used to place mortar at all joints. Crew moved from 8" block used on their base course to 6" block for the remainder of the total height of walls. I was notified the crew would be performing high lift and would go up to the total height of the wall (10'2") before grout placement would be done. The crew placed CMU in specified patten per A3.3 details 1-4 of approved plans. CMU was placed in stack bond and is to be fully grouted per Masonry general notes (note 8). All intersections, opening, and reinforcement are per S4.11 detail 3 of approved plans, all horizontal reinforcement approved by engineer to change from #5@16"OC to #5@18"OC due to 6" CMU being used (see attached stamped approval from structural engineer). All expansion joints were maintained per plan S4.11 detail 3 (joint YxY). (1) set of (3) 2"x4" mortar cylinders were cast and set onsite to field cure for lab testing. The crew completed placement of a total of (6) courses of CMU on the north side pool equipment building wall as well as (5) courses of CMU on the west side pool equipment building wall.

CMU placement is incomplete at this time and scheduled to continue 8/5/2020.

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Orco type s mortar used onsite



Fig. 2: Drum mixer used to mix mortar



Fig. 3: A3.3 of approved plans for specified CMU pattern

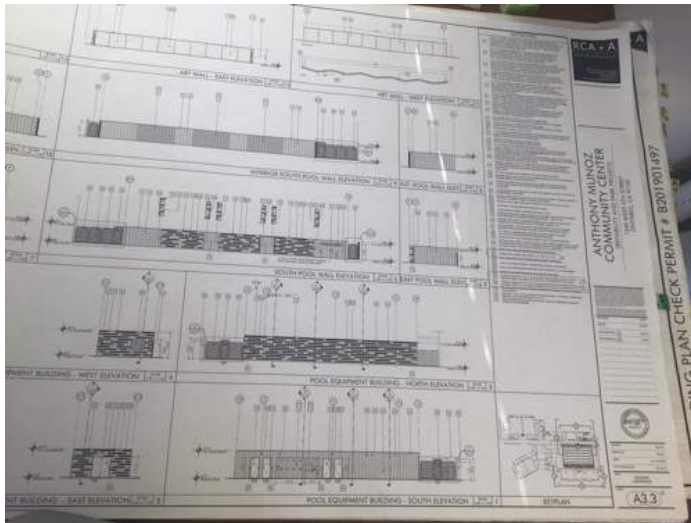
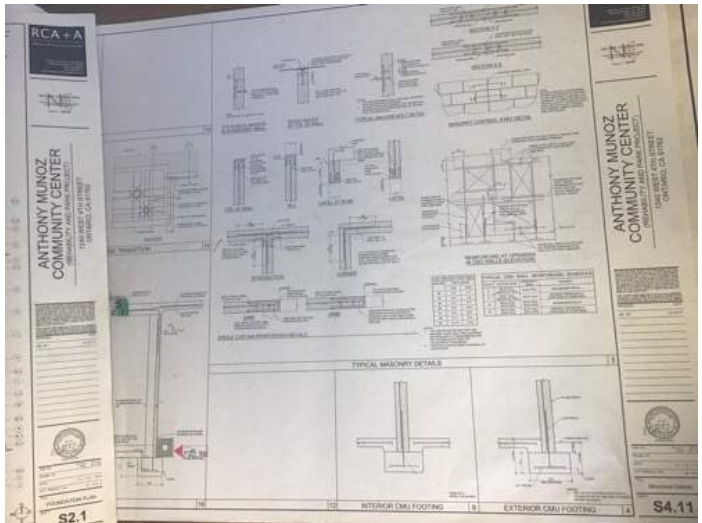


Fig. 4: S4.11 detail 3



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

Tim

Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 5: Engineer stamped approval for horizontal reinforcement from #5@18"OC to #5@18"OC

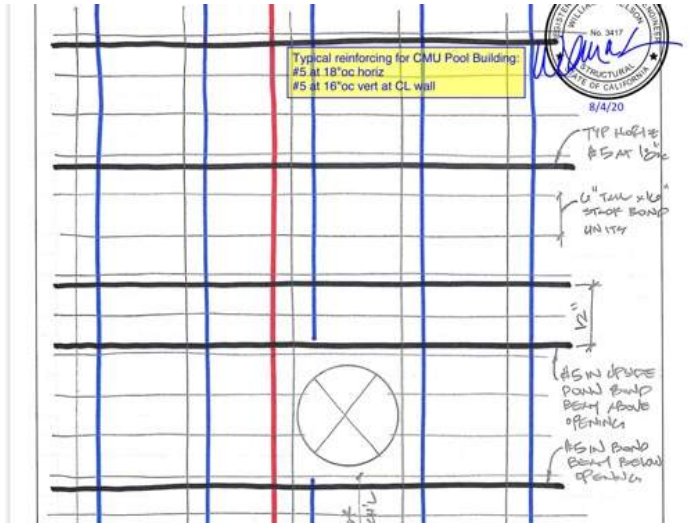


Fig. 6: Corner bars palced per plan



Fig. 7: Lap splices per lap schedule s4.11 detail 3



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

Tim

Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*



Sampling & Testing Log

Aug 4, 2020

KLF Project #: 20210301.001A

by **Tim Miller** for **Anthony Munoz Community Center**

Supplier: Orco 1 set(s) of Masonry Mortar cast
Mix Design #: Masonry Mortar Type-S Specified Strength: **1800** psi @ **28** days required
Building Element: Masonry Wall
General Location: Pool Building North Wall

**Denotes a test outside of specification*

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		9:30am	9:50am		20				N/A	86		3
Specific Location: Pool Building North Wall												



Daily Field Report - Aug 5, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Contracting/ Haxton Masonry
Equipment: Drum Mixer, Fork lift, Basic Hand Tools

83°F, Clear
Time Start: 07:00 AM Time Stop: 03:30 PM
Traveled .15 hrs, 6.0 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

Approved Site Plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting, for scheduled masonry CMU placement observation. Upon arrival I met with Tom to discuss work plans for the day, I was notified Haxton Masonry was onsite to continue placement of CMU for the Pool Equipment building.

HAXTON MASONRY CMU PLACEMENT OBSERVATION

Haxton Masonry was onsite with a crew of (6) 2 Masons and 4 tenders/laborers, to continue CMU placement for the pool equipment building. The crew began with staging of materials in areas CMU was to be placed as well as layout with string line. The crew continued CMU placement on the South wall with 6" CMU being placed. The crew used a drum mixer to mix mortar (ORCO Type-S 1800psi @28days) and used mortar boards and trowels for placement. All reinforcement and expansion joints are per S4.11 detail 3 of approved plans as well as horizontal bars per engineer stamped approval changed from #5@16"OC to #5@18"OC (see provided engineer stamped approval). The crew also placed required vertical #5's@16"OC meeting the required min lap splice per S4.11 detail 3 (2'7") with double ties. The crew completed placement of (8) courses of CMU along the South Pool Equipment Building wall, as well as (6) courses of CMU on the East wall.

CMU placement is incomplete and scheduled to continue 8/6/2020.

****NOTE****Community Center building footing bottoms were manually probed in various locations throughout and showed to be firm and unyielding. KAR Construction began placement of rebar for footings, work is ongoing and incomplete at this time.

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Mortar used onsite



Fig. 2: S4.11 detail 3 reinforcement detail

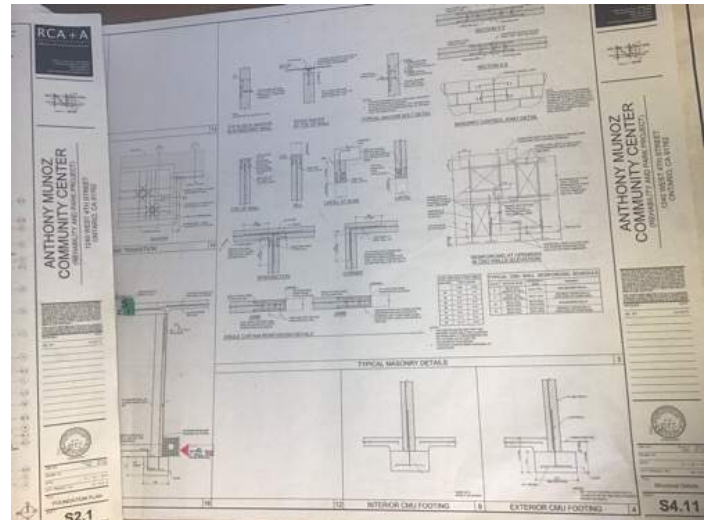


Fig. 3: 180° hook at ends per S4.11 detail 3



Fig. 4: Vert bars placed (#5's@16"OC)



[Signature]

Acknowledged By *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 5: Stamped approval for horizontal bar spacing change

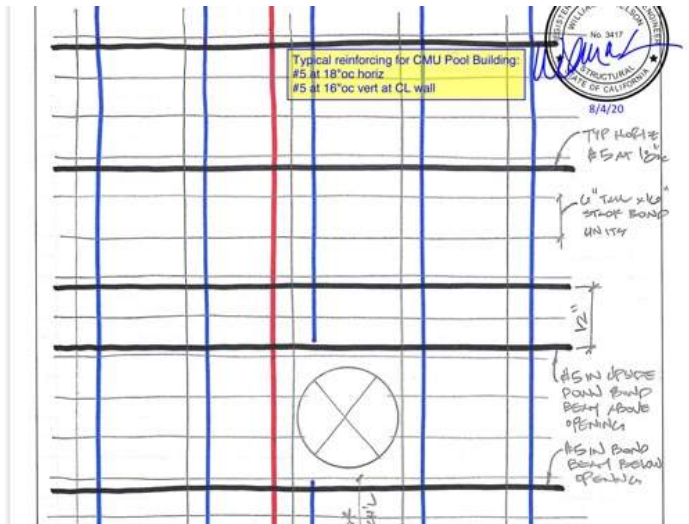


Fig. 6: Column ties



[Signature]

Acknowledged By *Signature*

Tom-Hamel Contracting

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Tim Miller

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Aug 5, 2020

KLF Project #: 20210301.001A

by **Tim Miller** for **Anthony Munoz Community Center**

Supplier: Orco 1 set(s) of Masonry Mortar cast
Mix Design #: Masonry Mortar Type-S Specified Strength: **1800** psi @ **28** days required
Building Element: Masonry Wall
General Location: Pool Building

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		9:20am	9:35am		15				N/A	76		3
Specific Location: Pool building walls												



Daily Field Report - Aug 6, 2020

KLF Project #: 20210301.001A

by Tim Miller for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Contracting, Haxton Masonry, JPI
Equipment: Drum Mixer, Fork Lift, Skip Loader, Water Truck

80°F, Clear
Time Start: 07:00 AM Time Stop: 03:30 PM
Traveled .15 hrs, 6 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

Approved Site Plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting, for scheduled masonry CMU placement observations. Upon arrival I met with Tom and was notified that Haxton Masonry was onsite to continue placement of CMU for the pool building.

HAXTON MASONRY CMU PLACEMENT FOR POOL EQUIPMENT BUILDING

Haxton Masonry was onsite with a crew of (5) 2 masons and 3 tenders/laborers. The crew was to continue placement of CMU for the pool equipment building from where they had left off the previous day. The crew began with staging CMU block in areas to be placed and then began placement along the north wall. The crew completed two courses of block up along the north wall and then moved to the internal demising walls. The crew then completed a total of 7 courses on interior demising walls before beginning to erect scaffolding to continue CMU placement. ORCO Type-S 1800psi mortar was mixed in a drum mixer and then mortar boards were used during placement of all CMU. 6" CMU was placed on exterior walls following the specific pattern layout on A3.3 details 1-4 of approved site plans. 8" CMU was placed on all interior demising walls, and all reinforcement was maintained per S4.11 detail 3. The crew completed a total of (6) courses of 8" CMU on two interior demising walls along grid lines 11 and 12 and (2) courses of 6" CMU on north wall.

North wall end of day total of (9) courses currently placed-incomplete and ongoing
South wall end of day total of (9) courses currently placed-incomplete and ongoing
West wall end of day total of (9) courses currently placed-incomplete and ongoing
East wall end of day total of (4) courses currently placed-incomplete and ongoing
Interior Demising walls along Grid Lines 11 and 12 total of (7) courses currently placed-incomplete and ongoing

CMU placement is incomplete and ongoing, scheduled to continue 8/7/2020.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Drum mixer used



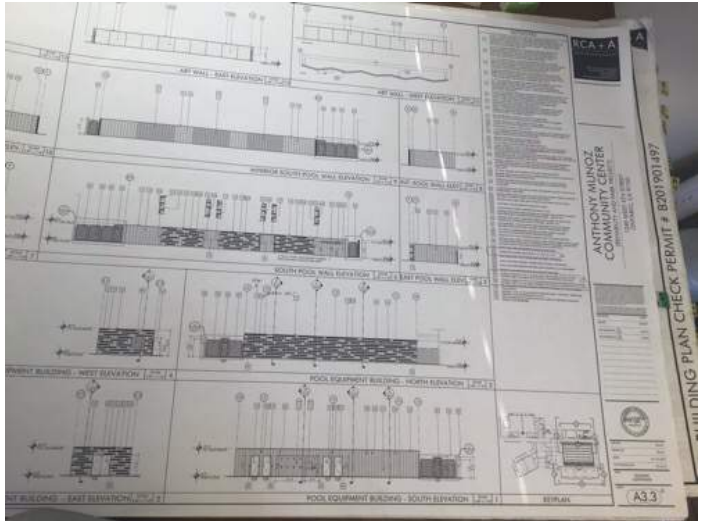
Fig. 2: CMU placement



Fig. 3: Mortar boards used for CMU placement



Fig. 4: A3.3 details 1-4 for block pattern



Tom Hamel

Acknowledged By *Signature*

Tom-Hamel Contracting
Representing Company *Company Name*

Tim Miller

Kleinfelder Representative *Signature*

Tim Miller
Kleinfelder Representative *Print Name*

Photo Log

Fig. 5: S4.11 detail 3 for reinfoment details

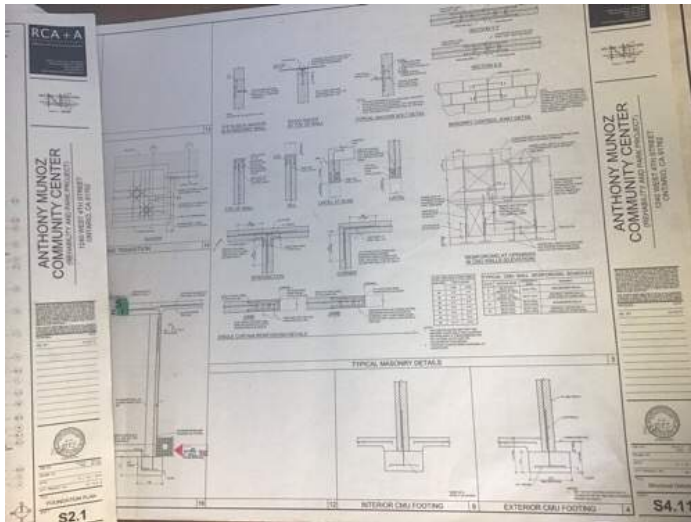


Fig. 6: End of day



Tom-Hamel Contracting
Representing Company Company Name

Tim Miller
Kleinfelder Representative Print Name



Daily Field Report - Aug 7, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Contracting, Haxton Masonry, JPI

80°F, Clear
Time Start: 06:30 AM Time Stop: 02:30 PM
Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

Approved plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting, for scheduled masonry CMU placement observation. Upon arrival I met with Tom to discuss work plans for the day, I was notified Haxton Masonry was onsite to continue placement of CMU for the Pool Equipment building.

HAXTON MASONRY CMU PLACEMENT OBSERVATION

Haxton Masonry was onsite to continue CMU placement for the pool equipment building. The crew began with staging of materials in areas CMU was to be placed as well as layout with string line. The crew used a drum mixer to mix mortar (ORCO Type-S 1800psi @28days) and used mortar boards and trowels for placement. All reinforcement and expansion joints are per S4.11 detail 3 of approved plans as well as horizontal bars per engineer stamped approval changed from #5@16"OC to #5@18"OC. The crew also placed required vertical #5's@16"OC meeting the required min lap splice per S4.11 detail 3 (2'7") with double ties. Construction of CMU wall remains in progress.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1:



[Handwritten Signature]

Acknowledged By *Signature*

[Handwritten Signature]

Kleinfelder Representative *Signature*

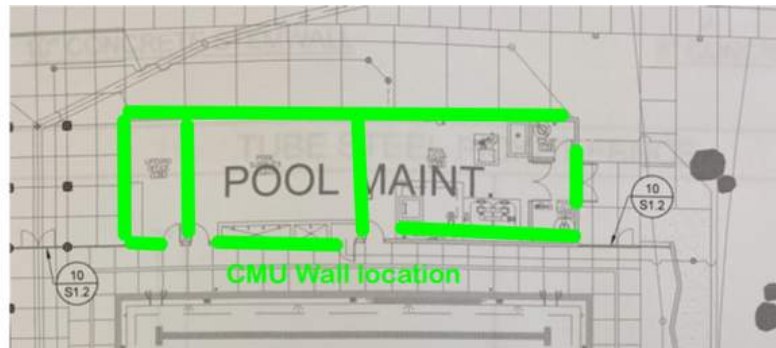
Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



jam

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Aug 7, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Supplier: Orco 1 set(s) of Masonry Mortar cast
Mix Design #: Masonry Mortar Type-S Specified Strength: **1800** psi @ **28** days required
Building Element: Masonry Wall
General Location: Pool building

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		8:45am	9:00am		15				75	71		3
Specific Location: Pool building CMU walls												



Daily Field Report - Aug 10, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

74°F, Clear

Contractor: Hamel

Time Start: 07:00 AM Time Stop: 03:00 PM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Masonry, Soil / Density Testing

Report items
In Progress

Documents Referenced:

Approved plans, geo report and previous reports

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting, for scheduled masonry CMU placement observation. Upon arrival I met with Tom to discuss work plans for the day, I was notified Haxton Masonry was onsite to continue placement of CMU for the Pool Equipment building.

Reviewed the CMU wall where inspections have been requested. Verified placement of reinforcement and expansion joints per S4.11 detail 3 of approved plans as well as horizontal bars per engineer stamped approval changed from #5@16"OC to #5@18"OC. The crew also placed required vertical #5's@16"OC meeting the required min lap splice per S4.11 detail 3 (2'7") with double ties CMU has been placed in running bond. Verified that CMU cells are free and clear of protrusions and debris. The crew used a drum mixer to mix mortar (ORCO Type-S 1800psi @28days) and used mortar boards and trowels for placement. Cast one set of mortar samples.

Construction of CMU wall for pool equipment isn't complete and remains in progress.

Also, Performed two NFDTs to verify 90% relative compaction for sidewalk at W fourth St (see attachments for location. Test was found to meet or exceed the 90% requirement and results were shared w/ Site rep and contractor.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



Jon A

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2:



[Signature]

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

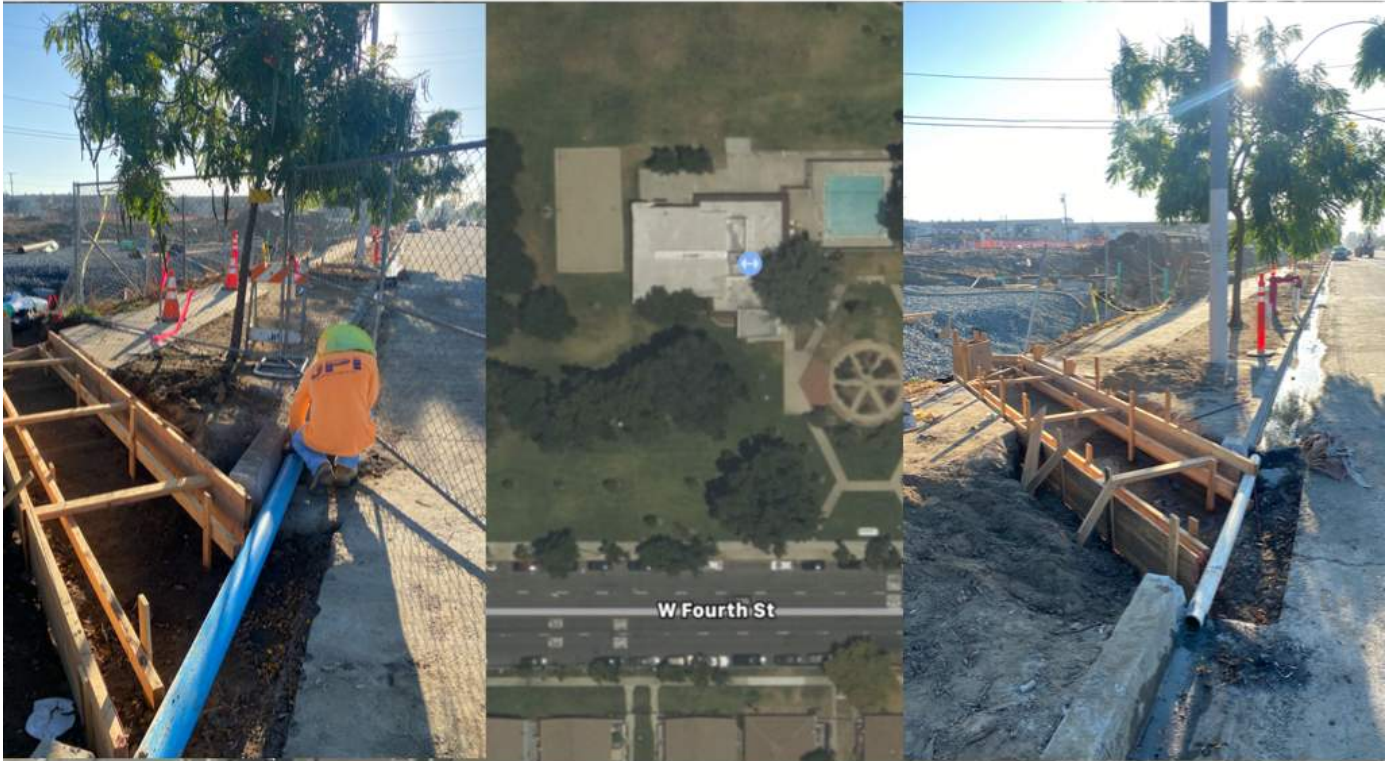
Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3:



Jon A

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Aug 10, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Supplier: Orco 1 set(s) of Masonry Mortar cast
Mix Design #: Masonry Mortar Type-S Specified Strength: **1800** psi @ **28** days required
Building Element: Masonry Wall
General Location: Pool equipment building

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		10:45am	11:00am		15				78	79		3
Specific Location: N/E corner of pool equipment building												



Soil Density Report - Aug 10, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

General Location: Sidewalk
Test Type: Nuclear Gauge
Gauge Serial No.: M370803834
Date of Std./Adj.: 8/10/20
Density Std. Count: 28518
Test Method: ASTM D6938
Gauge Make/Model: CPN / MC-3
Date of Calibration: 10/16/2019
Moisture Std. Count: 9055

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20200810-1055-JM-1	6	/ BOE	20-ONT-00885.1	135.6	7.0	90 - 97	5 - 9	8.7	124.9	92.1
	Location:		See attachments							
20200810-1102-JM-2	6	/ BOE	20-ONT-00885.1	135.6	7.0	90 - 97	5 - 9	8.2	125.6	92.6
	Location:		See attachments							



Daily Field Report - Aug 11, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

83°F, Clear

Contractor:

Time Start: 07:00 AM Time Stop: 03:00 PM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

DFRs, approved plans and previous reports

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting, for scheduled masonry CMU placement observation. Upon arrival I met with Tom to discuss work plans for the day, I was notified Haxton Masonry was onsite to continue placement of CMU for the Pool Equipment building.

Reviewed the CMU wall where inspections have been requested. Contractor continued yesterday's operations. Verified placement of horizontal bars per engineer stamped approval. The crew also placed required vertical #5's@16"OC meeting the required min lap splice per S4.11 detail 3 (2'7") with double ties CMU has been placed in running bond. Verified that CMU cells are free and clear of protrusions and debris. The crew used a drum mixer to mix mortar (ORCO Type-S 1800psi @28days) and used mortar boards and trowels for placement. Cast one set of mortar samples.

Construction of CMU wall for pool equipment isn't complete and remains in progress.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



[Signature]

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 12, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit No: B201901497;
B201901543

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc.
Equipment: Demolition saw, Batch drum mixer

95°F, Clear
Time Start: 07:00 AM Time Stop: 03:30 PM

Types of Tests/Observations Performed:

Masonry

Report items
Comply

Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; S2.1; 3/S4.1; A2.1; General Notes/S0.1; 3/S4.11; Approved plans and construction specifications

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide Masonry placement observation and reinforcement verification.

Haxton Masonry Inc. was onsite performing placement of 0-6"x 0-16" CMU at the following locations:

- Grid line F between lines 10 and 14, courses 9-16
- Grid line 14 between E.3 and F, courses 17-21
- Grid line 12 between C.4 and F, course 17-21
- Grid line 12 between C.4 and F, courses 8-13

I performed reinforcement verification for size, grade, clearances, laps, and placement location per 3/S4.1, 3/S4.11, and RFI #60 dated 8/5/2020. Prior, and during, CMU placement, I observe 80 lb. bags of Orco IWR (Integral Water Repellant Mortar), Type S, with a compressive strength of 1800 psi mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 minutes in a mechanical batch mixer with a sufficient amount of water to produce a workable consistency. After initial mixing, I monitored the time and temperature of the mortar mix and verified the mix remained in spec during CMU placement.

Work observed met the minimum requirements of the approved plans and contract documents

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Construction Inc.

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: CMU installation at F line



Fig. 2: CMU installation at F line



Fig. 3: Orco Type S IWR Mortar



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc.

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 13, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit No: B201901497;
B201901543

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc.
Equipment: Demolition saw, Batch drum mixer

103°F, Clear
Time Start: 07:00 AM Time Stop: 03:30 PM

Types of Tests/Observations Performed:

Masonry, Reinforcing Steel



Documents Referenced:

S2.1; 3/S4.1; A2.1; General Notes/S0.1; 3/S4.11; Approved plans and construction specifications; SP1.1; SP3.4; SP3.2; SP3.1

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide Masonry placement observation and reinforcement verification, and Pool Reinforcement Inspection.

Haxton Masonry Inc. was onsite performing placement of CMU at the following locations:

- Grid line 16 between C.4 and F, courses 14-21
- Grid line 14 between C.4 and F, courses 17-21

I performed reinforcement verification for size, grade, clearances, laps, and placement location per 3/S4.1, 3/S4.11, and RFI #60 dated 8/5/2020. Prior, and during, CMU placement, I observe 80 lb. bags of Orco IWR (Integral Water Repellant Mortar), Type S, with a compressive strength of 1800 psi mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 minutes in a mechanical batch mixer with a sufficient amount of water to produce a workable consistency. After initial mixing, I monitored the time and temperature of the mortar mix and verified the mix remained in spec during CMU placement.

California Waters was on site performing reinforcement placement at the pool walls and steps. I verified reinforcement for size, grade, clearances, laps, and placement location per SP3.4.

Work observed met the minimum requirements of the approved plans and contract documents

Acknowledged By *Signature*

Hamel Construction Inc.

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Pool reinforcement



Fig. 2: Reinforcement at pool steps



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc.

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 14, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit No: B201901497;
B201901543

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc.
Equipment: Demolition saw, Batch drum mixer

105°F, Clear
Time Start: 07:00 AM Time Stop: 07:30 PM

Types of Tests/Observations Performed:

Concrete, Masonry



Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; S2.1; 3/S4.1; A2.1; General Notes/S0.1; 3/S4.11; Approved plans and construction specifications; Approved mix design # 4C45L500

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide Masonry placement observation and reinforcement verification, and shotcrete observation.

Haxton Masonry Inc. was onsite performing placement of CMU at the following locations:

- Grid line F between lines 10 and 14, courses 17-21
- Grid line 12 between C.4 and F, courses 14-21

I performed reinforcement verification for size, grade, clearances, laps, and placement location per 3/S4.1, 3/S4.11, and RFI #60 dated 8/5/2020. Prior, and during, CMU placement, I observe 80 lb. bags of Orco IWR (Integral Water Repellant Mortar), Type S, with a compressive strength of 1800 psi mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 minutes in a mechanical batch mixer with a sufficient amount of water to produce a workable consistency. After initial mixing, I monitored the time and temperature of the mortar mix and verified the mix remained in spec during CMU placement.

California Waters was on site performing shotcrete placement at the pool walls and steps. Prior to placement I verified approved mix design 4C45L500 4500PSI, 3/8", 7.7 sack, provided by Holiday Rock from plant #1 located at 2193 Foothill Blvd. Upland, CA. 91786. I observed the placement of approximately 90 cu. yds. by nozzle man Amador Beltran, ACI Cert# 01382557 EXP. 10/22/2020. During placement, I monitored time and temperature of concrete, temperature of reinforcement, and application of shotcrete.

Work observed met the minimum requirements of the approved plans and contract documents

Acknowledged By *Signature*

Hamel Construction Inc.

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Shotcrete placement



Fig. 2: Shotcrete placement at grid line F



Fig. 3: Shotcrete placement



Fig. 4: CMU placement at grid line F



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc.

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 17, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc.

102°F, Clear
Time Start: 07:00 AM Time Stop: 02:30 PM

Types of Tests/Observations Performed:

Reinforcing Steel



Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; 3, 4, 9, and 10/S3.1; 1, 2, 3, 10, and 11/S4.2; 2, 4, 6, and 14/S4.1; 1 and 2/S3.2; 20/S5.11

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide Reinforcement Inspection.

I performed Reinforcement inspection at the Main Building along with Thomas Nielsen, SE, of Nelson Structural Engineers performing Structural Observation. During the inspection, the following items were found to be either unfinished, missing, or installed incorrectly.

The following was taken directly from the Structural Observation Report #3 dated 8/7/2020:

• 3.1 Shearwall holdown anchor detail 10/S4.2:

A. Holdown anchor rods incorrectly used SSTB and SB bolts for two-pour footings. Remove and replace all holdown anchor rods using straight F1554 Gr36 All-Thread.

B. Could not verify that correct size and thickness bearing plates are used at the bottom of holdown rods. Special Inspector to verify.

C. Could not verify that heavy hex nuts were being used for HDU14's. Special Inspector to verify.

D. Could not verify that embedment from top of first pour cold joint to holdown rod bearing plate/nut was 12" minimum. Scoop bottom of footing as required. Special Inspector to verify.

E. Could not verify that 3" minimum clearance from bottom of holdown rod to dirt was provided. Special Inspector to verify.

F. WxW pad footings at holdown rods were not cut in some locations. Special Inspector to verify.

3.2 Holdown rods in outside corner shearwalls were placed too far away from corner 6x6 post in some locations. Move rods to the correct location so that Simpson holdown anchor is screwed directly to the 6x6 post without the use of shim studs.

3.3 Anchor bolts and holdown rods were not plumb and true and shall be made so prior to the footing pour. Do

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting Inc.

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 17, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

not wiggle the bolts and rods after concrete has been vibrated.

3.4 Tube columns at the west end of the Gallery +/- grid 1.4: Verify that the columns are offset 1/2" as shown on the plan and that the column baseplate templates are not skewed.

3.5 Multi-Purpose and Activity Room braced frame grade beams, sheet S3.1:

A. Middle vertical 90/135 hairpins need to be corrected to have the 90/135 degree bends alternating on adjacent hairpins.

B. Move horizontal top caps that were dropped below the top longitudinal rebar to be above the longitudinal rebar.

- 3.6 I did not observe the double holdown 11/S4.2 in the southwest corner of the Multi-Purpose Room on grid 2. Special Inspector to verify that the deepened footing and added rebar is in place.

- 3.7 Details 1, 2, 3, and 10/S4.2 show shearwall anchor bolts at the middle of the 3x6 sill plate. At some locations, shearwall anchor bolts had been placed with the centerline of the anchor bolt 2" from the inside face of sheathing. Older additions of the Code used to require this off center placement; this was before the requirement for the 3"x3" plate washers was added to the Code. Anchor bolts may remain as placed.

- 3.8 General footing cleaning to remove loose dirt not done, verify that all footing rebar is 3" clear from dirt.

- 3.9 Nelson Structural Engineers has not received any copies of Special Inspection reports. Kleinfelder to email all past reports and add NSE to the direct email distribution list.

Work observed met the minimum requirements of the approved plans and contract documents except where noted

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting Inc.

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 18, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc.

109°F, Clear
Time Start: 12:00 PM Time Stop: 04:00 PM

Types of Tests/Observations Performed:

Reinforcing Steel



Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; 3, 4, 9, and 10/S3.1; 1, 2, 3, 10, and 11/S4.2; 2, 4, 6, and 14/S4.1; 1 and 2/S3.2; 20/S5.11

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide Reinforcement Inspection.

I performed reinforcement inspection of the main building footings. I verified size, grade, laps, placement location, and clearances per the requirements of the contract documents.

The following was taken directly from the Structural Observation Report #3 dated 8/17/2020 with corrections made, and verified, on 8/18/2020 by myself:

Shearwall holdown anchor detail 10/S4.2:

- Holdown anchor rods incorrectly used SSTB and SB bolts for two-pour footings. Remove and replace all holdown anchor rods using straight F1554 Gr36 All-Thread.
 - o I verified all hold down SSTB bolts were replaced per the requirements of 10/S4.2
- Could not verify that correct size and thickness bearing plates are used at the bottom of holdown rods. Special Inspector to verify.
 - o Bearing plates were verified per the Hold Down Schedule 10/S4.2
- Could not verify that heavy hex nuts were being used for HDU14's. Special Inspector to verify.
 - o Heavy Hex nuts were verified to be installed at the HDU14.
- Could not verify that embedment from top of first pour cold joint to holdown rod bearing plate/nut was 12" minimum. Scoop bottom of footing as required. Special Inspector to verify.
 - o 0-12" minimum embed verified at installed HDU's
- Could not verify that 3" minimum clearance from bottom of holdown rod to dirt was provided. Special Inspector to verify.
 - o 0-3" clearances checked and verified at HDU's installed
- WxW pad footings at holdown rods were not cut in some locations. Special Inspector to verify.
 - o I verified the required 2'6"x2'6" pad footing per Hold Down Schedule 10/S4.2

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting Inc.

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 18, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

- Holdown rods in outside corner shearwalls were placed too far away from corner 6x6 post in some locations. Move rods to the correct location so that Simpson holdown anchor is screwed directly to the 6x6 post without the use of shim studs.
 - o I verified the hold downs installed at the correct location for the the 6x6 posts
- Anchor bolts and holdown rods were not plumb and true and shall be made so prior to the footing pour. Do not wiggle the bolts and rods after concrete has been vibrated.
 - o I verified the plumb and true installation of the anchor bolts and hold downs with embeds being secured to protect during concrete placement.
- Tube columns at the west end of the Gallery +/- grid 1.4: Verify that the columns are offset 1/2" as shown on the plan and that the column baseplate templates are not skewed.
 - o I verified the column base plates were offset the required 1/2" and the skew present was remedied.
- Multi-Purpose and Activity Room braced frame grade beams, sheet S3.1:
- Middle vertical 90/135 hairpins need to be corrected to have the 90/135 degree bends alternating on adjacent hairpins.
 - o I verified the 90/135 hairpins were reinstalled with the correct alternating pattern required by 10 and 11/S3.1
- Move horizontal top caps that were dropped below the top longitudinal rebar to be above the longitudinal rebar.
 - o I verified the horizontal top caps were installed with alternating hooks per 10/S3.1
- I did not observe the double holdown 11/S4.2 in the southwest corner of the Multi-Purpose Room on grid 2. Special Inspector to verify that the deepened footing and added rebar is in place.
 - o I verified the installation of the double hold down was installed per 11/S4.2
- General footing cleaning to remove loose dirt not done, verify that all footing rebar is 3" clear from dirt.
 - o I verified the cleanliness of footing bottoms and the required 0-3" clearance was present.

Work observed met the minimum requirements of the approved plans and contract documents.

.....
Acknowledged By *Signature*

.....
Kleinfelder Representative *Signature*

Hamel Contracting Inc.

.....
Representing Company *Company Name*

Jacob Collins

.....
Kleinfelder Representative *Print Name*



Daily Field Report - Aug 19, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc.
Equipment: Putzmeister Telebelt; Mechanical vibrator

104°F, Clear
Time Start: 06:30 AM Time Stop: 02:30 PM

Types of Tests/Observations Performed:

Concrete



Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; Approved mix design 3C40L600 04/16/2020; 9/S4.1; General Notes/S0.1

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide Concrete Placement observation. I was assisted by Kleinfelder Technician Christian Castanar providing ACI sampling.

KAR was onsite performing concrete placement at the main building footings, and grade beams. I observed the placement of approximately 200 cu. yds. of concrete using a Putzmeister Telebelt TB 130 with concrete trucks tailgated into place at the receiving hopper. Prior to placement, I verified approved mix design #4C40L600, 4000psi, 1" .50WCR, was provided by Holiday Rock from plant #6 located at 1499 N. Benson Upland, CA. 91786.

During placement, I observed concrete to be consolidated by a 1-1/4" mechanical vibrator with embeds positioned, and made true, prior to consolidation. Concrete was placed at the curb locations in two pour lifts; the first being to the bottom of the curb forms, and the second placed to the curb form top. I verified the 2 lifts were consolidated together with the vibrator penetrating the top of footing eliminating the cold joint. I observed Rugasol-S Surface retardant applied to the top of footings by a pressurized sprayer to aid with the 1/4" amplitude per 9/S4.1.

Work observed met the minimum requirements of the approved plans and contract documents.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting, Inc.

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Concrete placement utilizing the Putzmeister telebelt



Fig. 2: Concrete placement with consolidation being performed in the foreground



Fig. 3: Cloumn base plates being leveled after placement and prior to consolidation



Fig. 4: Rugasol-S surface retarder



[Handwritten Signature]

Acknowledged By *Signature*

Hamel Contracting, Inc.

Representing Company *Company Name*

[Handwritten Signature]

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 5: Rugasol-S being applied to the tops of footings by pressurized tank



Fig. 6: Concrete placement



[Signature]

Acknowledged By *Signature*

Hamel Contracting, Inc.

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 19, 2020

KLF Project #: 20210301.001A

by Christian Castanar for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel
Equipment: Boom pump, cement truck, various hand tools

90°F, Clear
Time Start: 07:00 AM Time Stop: 11:00 AM

Types of Tests/Observations Performed:

Concrete



Documents Referenced:

Observations/Remarks:

Arrived on site at Anthony Munoz community center in ontario for concrete sampling as requested. Met with KLF inspector Jacob Collins for todays scope of work.

{Concrete pour}

Work for the day was to pour concrete footings with Holliday rock being the supplier. Total order of concrete for the day was to be 200yds. I sampled from 3 loads, the 2nd load 7th load and 10th load performing slump test each load and cylinder casting (additional info can be found on concrete data sheet below). Break days are as followed (1) 7, (2) 28, (1) H with 4000 PSI at 28 day breaks. Total of 3 sets of (4) 6x12 cylinders were casted and are to be picked up following day. Info of concrete testing was shared with KLF inspector Jacob Collins.

Kleinfelder Representative *Signature*

Christian Castanar

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Batch ticket load #2

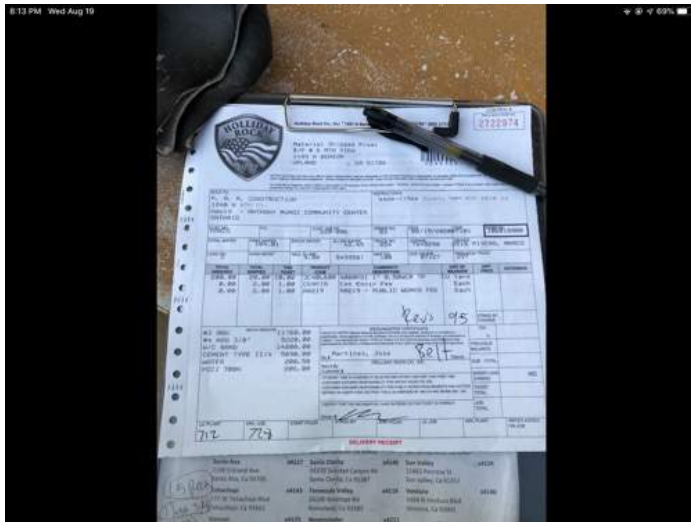


Fig. 2: Batch ticket load #7



Fig. 3: Batch ticket load #10

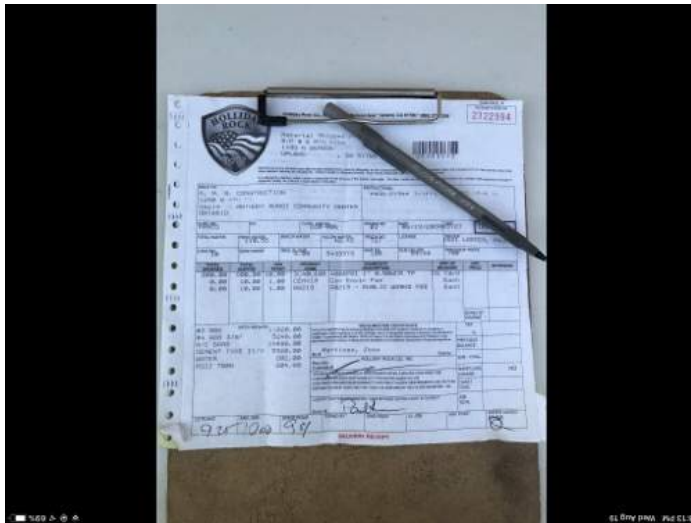


Fig. 4: Concrete pour



Christian Castanar

Kleinfelder Representative *Signature*

Christian Castanar

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Aug 19, 2020

KLF Project #: 20210301.001A

by Christian Castanar for Anthony Munoz Community Center

Supplier: Holliday Rock

3 set(s) of Concrete Cylinders cast

Mix Design #: 3C40L600

Building Element: Footing

General Location: Footing

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
254 / N/A / 2	10		7:35am		N/A	4	N/A	N/A	81	85	0	4
Specific Location: Footing												
254 / 106018893 / 7	10		9:15am		N/A	3.75	N/A	N/A	84	90	0	4
Specific Location: Footing												
727 / N/A / 10	10		10:20am		N/A	3.75	N/A	N/A	83	93	0	4
Specific Location: Footing												



Daily Field Report - Aug 19, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

91°F, Clear

Contractor:

Time Start: 09:55 AM Time Stop: 09:55 AM

Traveled .5 hrs, 4 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up and drop off equipment. Picked up 2 samples of Shotcrete and transported back to the Kleinfelder Ontario lab for further testing

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 19, 2020

KLF Project #: 20210301.001A

by Christian Castanar for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel
Equipment: Boom pump, cement truck, various hand tools

90°F, Clear
Time Start: 07:00 AM Time Stop: 11:00 AM

Types of Tests/Observations Performed:

Concrete



Documents Referenced:

Observations/Remarks:

Arrived on site at Anthony Munoz community center in ontario for concrete sampling as requested. Met with KLF inspector Jacob Collins for todays scope of work.

{Concrete pour}

Work for the day was to pour concrete footings with Holliday rock being the supplier. Total order of concrete for the day was to be 200yds. I sampled from 3 loads, the 2nd load 7th load and 10th load performing slump test each load and cylinder casting (additional info can be found on concrete data sheet below). Break days are as followed (1) 7, (2) 28, (1) H with 4000 PSI at 28 day breaks. Total of 3 sets of (4) 6x12 cylinders were casted and are to be picked up following day. Info of concrete testing was shared with KLF inspector Jacob Collins.

Kleinfelder Representative *Signature*

Christian Castanar

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Batch ticket load #2

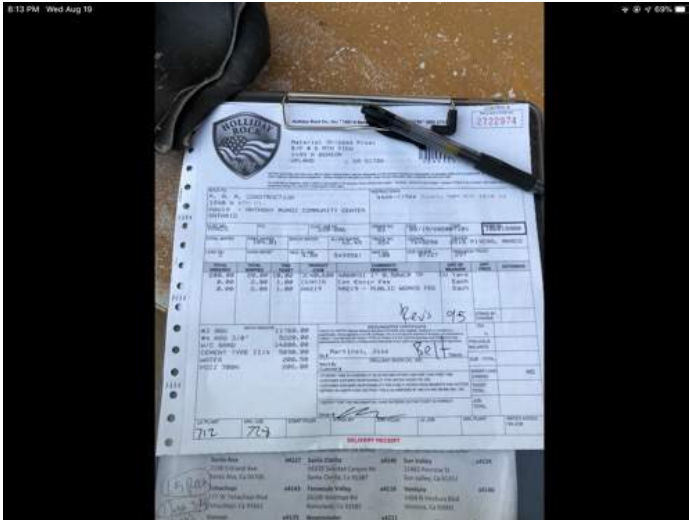


Fig. 2: Batch ticket load #7



Fig. 3: Batch ticket load #10

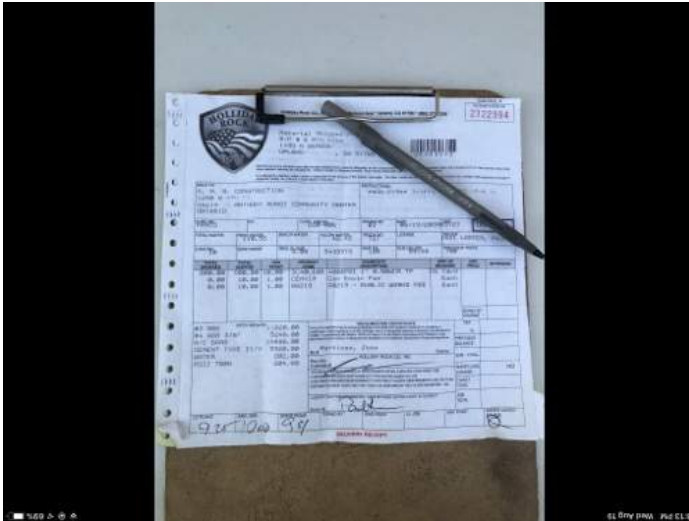


Fig. 4: Concrete pour



Christian Castanar

Kleinfelder Representative *Signature*

Christian Castanar

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Aug 19, 2020

KLF Project #: 20210301.001A

by Christian Castanar for Anthony Munoz Community Center

Supplier: Holliday Rock

3 set(s) of Concrete Cylinders cast

Mix Design #: 3C40L600

Building Element: Footing

General Location: Footing

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
254 / N/A / 2	10		7:35am		N/A	4	N/A	N/A	81	85	0	4
Specific Location: Footing												
254 / 106018893 / 7	10		9:15am		N/A	3.75	N/A	N/A	84	90	0	4
Specific Location: Footing												
727 / N/A / 10	10		10:20am		N/A	3.75	N/A	N/A	83	93	0	4
Specific Location: Footing												



Daily Field Report - Aug 20, 2020

by Jacob Collins for Anthony Munoz Community Center

DFR #: 8/20/2020
KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA 106°F, Clear
Contractor: Hamel Contracting, Inc. Time Start: 08:00 AM Time Stop: 12:00 PM
Equipment: Whacker, Vibratory plate compactor Traveled .5 hrs, 4 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
In Progress

Documents Referenced:

5/SP4.3

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide soils observation and density testing.

California water was onsite performing backfill of the 0-8" gravity drain trench south of grid line F between lines 10 and 14. I verified the trench bottom to be firm and unyielding with no slough present prior to placing the 0-4" layer of sand as pipe bedding per 5/SP4.3. I observed the sand to be moisture conditioned with compaction effort applied by a vibratory plate compactor creating a firm, and competent bottom, to support the 0-8" PVC pipe. Moisture conditioned sand was placed at the pipe zone with the required 0-4" above the pipe per 5/SP4.3. Fill material was observed to be moisture conditioned, mixed, and placed in (1) 0-8" loose lift with compaction efforts applied by jumping jack compactor. I manually probed the compacted fill in multiple places and verified it was firm and unyielding.

After the first lift was accomplished and compacted, California Waters began installing conduit. I informed Tom Hanrahan that I would return the following day to perform density testing of the trench after completed.

No density tests were performed

Work observed met the minimum requirements of the approved plans and contract documents.

I picked up nuclear gauge 4482 from the Kleinfelder lab at 7:45AM and returned it at 12:15PM.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting, Inc.

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 20, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

89°F, Clear

Contractor:

Time Start: 09:00 AM Time Stop: 09:00 AM

Traveled .5 hrs, 4 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 3 sets of 4 (6"x12") concrete compressive strength test specimens cast 8/19/20 were picked up and transported to the Kleinfelder Ontario lab for further testing

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 21, 2020

by Jacob Collins for Anthony Munoz Community Center

DFR #: 8/21/2020
KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA 100°F, Clear
Contractor: Hamel Contracting, Inc. Time Start: 07:00 AM Time Stop: 03:30 PM
Equipment: Batch mixer Traveled .5 hrs, 4 mi.

Types of Tests/Observations Performed:

Masonry, Soil / Density Testing



Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; 3/S4.11, 14/S4.12, 2/S4.12

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide Masonry placement observation, and soil density testing.

Haxton Masonry Inc. was onsite performing placement of CMU at the following locations:

- Grid line F between 10 and 12, courses 17-21

I performed reinforcement verification for size, grade, clearances, laps, and placement location per 3/S4.11, 14/S4.12, 2/S4.12. Prior, and during, CMU placement, I observe 80 lb. bags of Orco IWR (Integral Water Repellant Mortar), Type S, with a compressive strength of 1800 psi mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 minutes in a mechanical batch mixer with a sufficient amount of water to produce a workable consistency. After initial mixing, I monitored the time and temperature of the mortar mix and verified the mix remained in spec during CMU placement.

I verified the compaction of the 0-8" gravity drain trench south of grid line F between lines 10 and 14 installed by California Waters. I manually probed the compacted fill in multiple places and verified it was firm and unyielding. I performed (2) density tests with (2) density tests meeting the minimum compaction requirements of 90% and informed Tom Hanrahan of the results

Work observed met the minimum requirements of the approved plans and contract documents.

I picked up nuclear gauge 4482 from the Kleinfelder lab at 6:45AM and returned it at 3:45PM.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting, Inc.

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Print Name*



Soil Density Report - Aug 21, 2020

by Jacob Collins for Anthony Munoz Community Center

DFR #: 8/21/2020
KLF Project #: 20210301.001A

General Location: 4'0" South of Grid line F between lines 10 and 14

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M380804482

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 8/21/20

Date of Calibration: 6/5/2019

Density Std. Count: 31872

Moisture Std. Count: 8576

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20200821-0851-JC-1	6	/ 1'0"	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	6.2	123	92.8
	Location: 4'0" south of gridline F @ line 12									
20200821-0915-JC-2	6	FSG /	20-ONT-00528.1	132.5	7.8	90	5.8 - 9.8	6.8	123.4	93.1
	Location: 4'0" south of gridline F @ line 13.5									



Daily Field Report - Aug 24, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

85°F, Clear

Contractor:

Time Start: 07:00 AM Time Stop: 03:00 PM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Masonry



Documents Referenced:

Approved plans and mix designs

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting. Upon arrival I met with Tom to discuss work plans for the day and review approved project documents.

Observed placement of grout at 8" CMU walls for pool equipment building. Remained on stand by from 7AM to 10AM. Met with City inspector to discuss project progress. After city inspector approved grout pour, (first load arrived around 9:30 AM but remained on stand by until approval from city inspector). Reviewed robertson's batch ticket for grout mix 61833. Observed placement and mechanical consolidation of grout. Sampled grout and performed field testing for temperature and slump. Constructed one set of grout test samples for lab testing. Approximately 30 yards of grout has been placed today.

Notes:

Loads 1 and 2 exceeded the recommended 90 min mixing time, contractor was notified.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Superintendent

Jimmy Monterroso

Representing Company *Company Name*

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1:



Fig. 2:

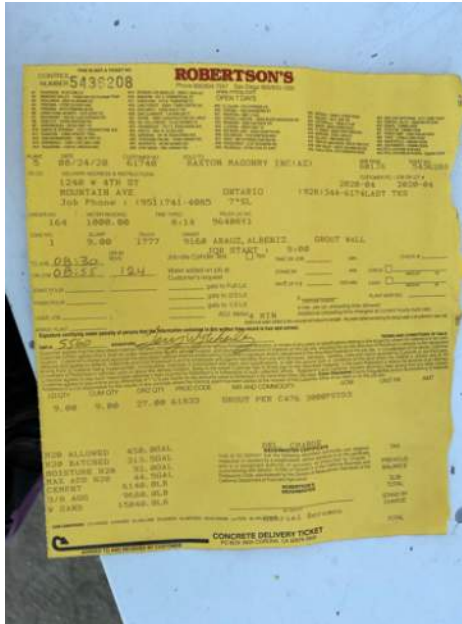


Fig. 3:



Jon H

Acknowledged By *Signature*

Superintendent

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Aug 24, 2020

KLF Project #: 20210301.001A

by **Jimmy Monterroso** for **Anthony Munoz Community Center**

Supplier: Robertsons 1 set(s) of Masonry Prism cast
Mix Design #: 61833 Specified Strength: **3000** psi @ **28** days required
Building Element: Masonry Wall
General Location: New pool equipment building

**Denotes a test outside of specification*

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A			11:30am		N/A							3
Specific Location: SW corner of building												



Sampling & Testing Log

Aug 24, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Supplier: Robertsons 1 set(s) of Masonry Grout cast
Mix Design #: 61833 Specified Strength: 3000 psi @ 28 days required
Building Element: Masonry Wall
General Location: Pool equipment room

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
1777 / 5436208 / 1	9	8:14am	10:15am	10:30am	121	9			85	82		4
Specific Location: East CMU wall for pool equipment room												
Comments: Truck exceeded recommended 90 min. mixing time, contractor was informed												



Daily Field Report - Aug 26, 2020

KLF Project #: 20210301.001A

by Marcus Molina for Anthony Munoz Community Center

Client: City of Ontario, CA

89°F, Clear

Contractor:

Time Start: 11:30 AM Time Stop: 11:30 AM

Traveled .5 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

I arrived onsite @ Anthony Munoz Community Center to perform a sample pick up of (1) set of 4 (4x4x8) grout prisms. Samples were transported back to Kleinfelder Lab for testing.

Kleinfelder Representative *Signature*

Marcus Molina

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 27, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

82°F, Clear

Contractor:

Time Start: 07:00 AM Time Stop: 02:00 PM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Reinforcing Steel, Soil / Density Testing



Documents Referenced:

Approved plans, geo report

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting. Upon arrival I met with Tom to discuss work plans for the day and review project documents.

[Reinforcing steel]

Reviewed the grade beams where inspections have been requested. Verified placement of #7 reinforcement steel, steel plates and bolts at two grade beams located East from new poll equipment building. Verified construction of grade beams, size, type and location of vertical and horizontal reinforcing steel are compliance with approved plans.

Also, Performed three NFDTs to verify 90% relative compaction at two different areas (see attachments for location). Tests were found to meet or exceed the 90% requirement and results were shared w/ Tom with Hamel and contractor.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



[Signature]

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

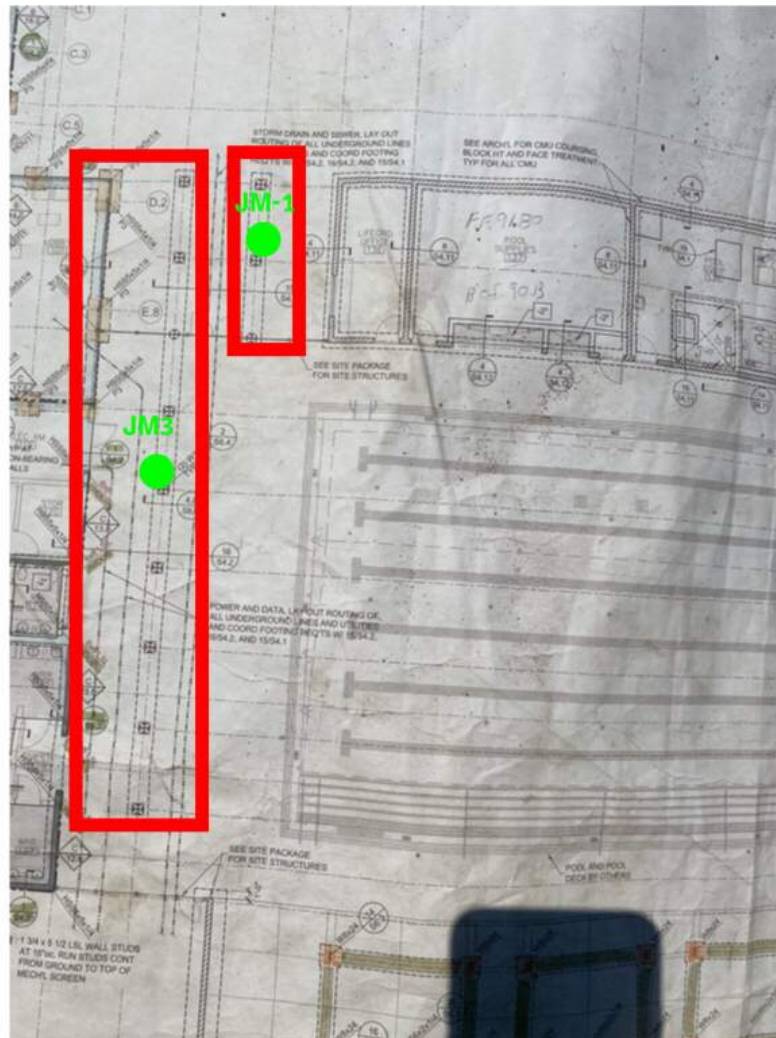
Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2:



[Signature]

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Soil Density Report - Aug 27, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

General Location: Main building and parking lot

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M36046682

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 8/27/20

Date of Calibration: 1/15/2020

Density Std. Count: 12113

Moisture Std. Count: 19542

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20200827-0959-JM-1	8	BOE /	20-ONT-00885.1	135.6	7.0	90 - 95	5 - 9	8.1	123.7	91.2
	Location:		See plot plans							
20200827-1004-JM-2	8	SFG /	20-ONT-00885.1	135.6	7.0	90 - 95	5 - 9	7.1	123.3	90.9
	Location:		See plot plans							
20200827-1005-JM-3	8	BOE /	20-ONT-00885.1	135.6	7.0	90 - 95	5 - 9	7.9	123.8	91.3
	Location:		See plot plans							



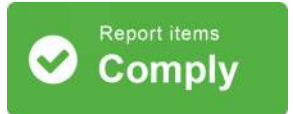
Daily Field Report - Aug 28, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA 100°F, Clear
Contractor: Hamel Time Start: 07:00 AM Time Stop: 12:00 PM
Equipment: MillerBig Blue 500D DC Welding Generator; LN 25 Pro Extreme Wire feeder

Types of Tests/Observations Performed:



Documents Referenced:

1/S3.2; S2.3 High Roof Framing Plan; S2.2 Low Roof Framing Plan; 4/S6.1

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide structural welding observation, and high strength bolt observation.

Crown Steel was onsite performing erection of, and welding at the HSS 5"x5"x1/2" column to 5"x5"x1/2" strut connections at grid line 5 from C.1 to C.5; and grid line 2 from C.1 to C.5. Certified welders Mike Struss (Cert #001-1985) and Nicholas Garcia (FCAW Cert #12317SW, SMAW Cert #5517S) were onsite performing tack welding. I verified 3/4" F1825 TC bolts manufactured by Bethlehem Steel. I observed bolts installed at the column to W16x25 beam connections at grid lines D.9, and F, were tensioned. I verified size, grade, location, and installation of the high strength bolting met the minimum requirements of the contract documents.

I was informed by Crown Steel Foreman Jimmy that the welding scheduled for today was being put off till next week when a boom lift could be obtained to offer a safer option for performing welds

Acknowledged By *Signature*

Tom Hanrahan

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Tensioning of the TC Bolts at the W16x25 Beam to column connections



Fig. 2: Tensioning of the TC Bolts at the W16x25 Beam to column connections

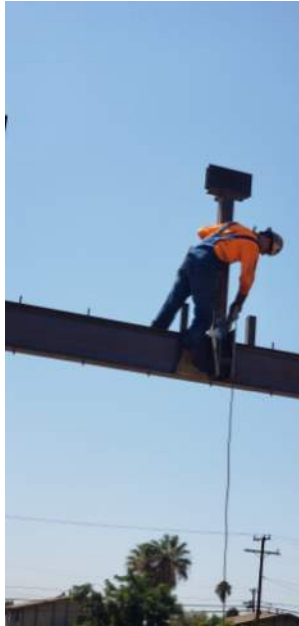


Fig. 3: Tensioning of the TC Bolts at the W16x25 Beam to column connections



Tom Hanrahan

Acknowledged By *Signature*

Tom Hanrahan

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 28, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

73°F, Clear

Contractor:

Time Start: 08:45 AM Time Stop: 08:45 AM

Traveled 30 minutes hrs, 4 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 3 masonry prisms were picked up and transported back to the Kleinfelder lab for further testing

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Aug 28, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA

95°F, Clear

Contractor: KAR

Time Start: 11:00 AM Time Stop: 03:00 PM

Equipment: Hand tools, vibrator

Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Concrete, Reinforcing Steel

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz project in the city of Ontario per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Shade canopy footings @ GL: 8 between D & F, GL: 9 between D & M)

KAR was on site placing concrete for the canopy shade footings at GL: 8 between D & F as well as GL: 9 between D & M. I verified all reinforcement that was placed prior to my arrival. All reinforcement rebar size, ties, hooks, embedment and clearances met all plans and specifications (see detail picture below). Holiday rock provided 40 yards of mix: 3C40L600 4000 psi concrete. Contractor added 5 gallons of water to each truck before placement. I performed ACI slump, concrete temp, ambient temp and fabricated (4) 6x12 test specimens and stored them on site in a cure box.

Tom H

Acknowledged By *Signature*

Shawn McLaren

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Footing reinforcement



Fig. 2: Concrete placement



Fig. 3: Concrete batch ticket

HOLIDAY ROCK
Material Shipped From:
820 W. I. FOOTHILL BLVD
UPLAND, CA 91786

2941640

Material Shipped From:
820 W. I. FOOTHILL BLVD
UPLAND, CA 91786

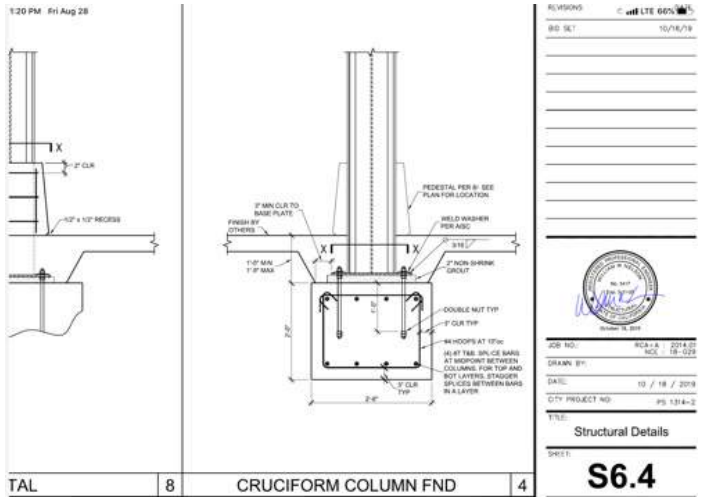
3011 IN. 909-601-1818#001134

W. A. CONSTRUCTION
1240 W 4TH ST.
88019 - ANTHONY MUNOZ COMMUNITY CENTER
(ONTARIO)

REV 78

DELIVERY RECEIPT

Fig. 4: Reinforcement detail



Acknowledged By *Signature*

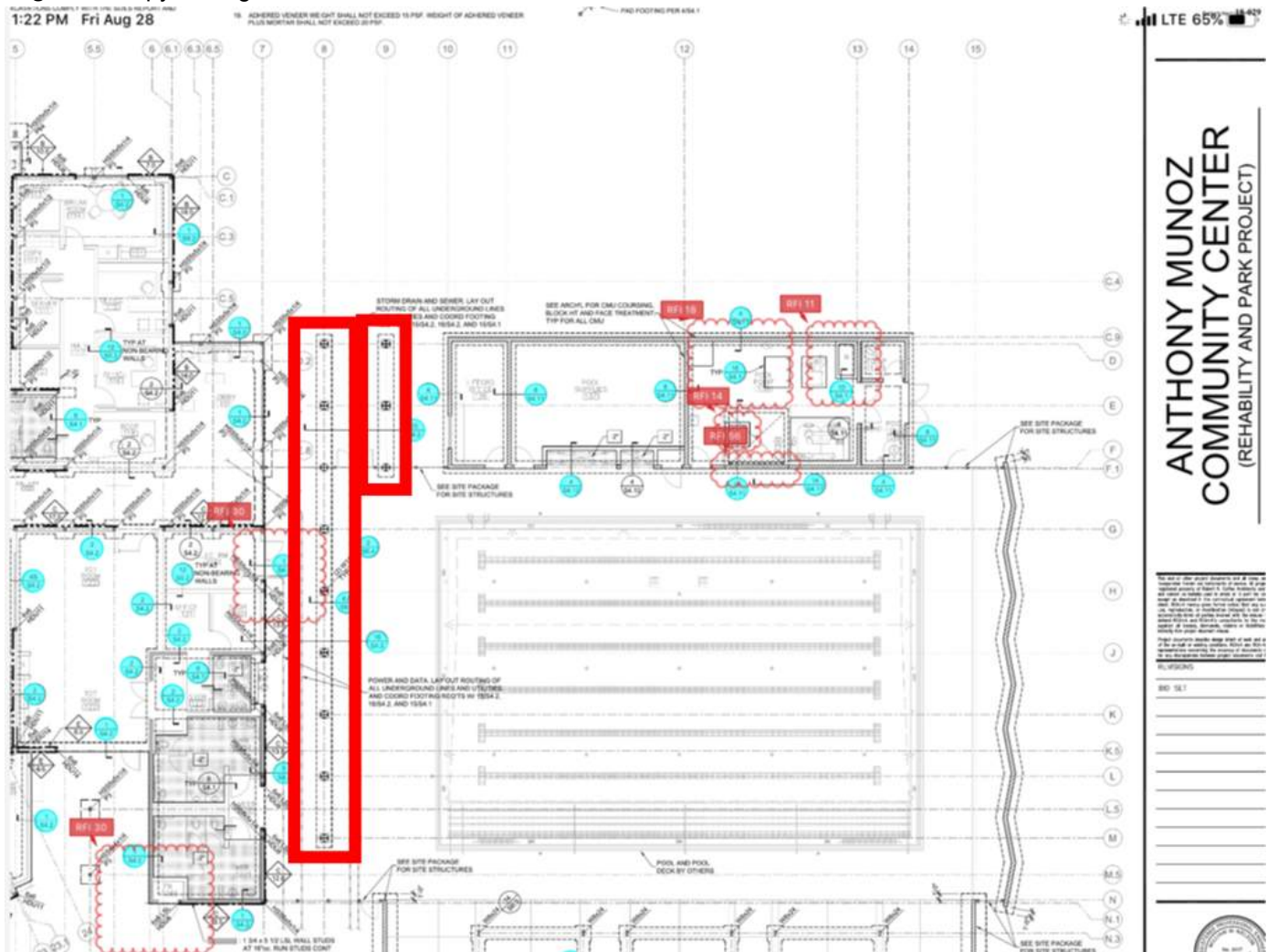
Hamel - Tom Hanrahan
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Shawn McLaren
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Canopy footing locations



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Aug 28, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Supplier: Holiday rock 1 set(s) of Concrete Cylinders cast
Mix Design #: 3C40L600 Specified Strength: 4000 psi @ 28 days required
Building Element: Footing
General Location: Canopy shade footing @ GL: 9/E

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
278 / 101164607 / 2	10	11:19am	12:00pm	12:15pm	41	5.5	N/A	N/A	80	95	5	4
Specific Location: Footing @ GL: 9/E												



Daily Field Report - Aug 31, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

68°F, Clear

Contractor:

Time Start: 09:00 AM Time Stop: 09:00 AM

Traveled 0.5 hrs, 4 mi.

Types of Tests/Observations Performed:

Sample Pickup



Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 4 (6"x12") concrete compressive strength test specimens were picked up and transported to the Kleinfelder Ontario lab for further testing

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Sep 2, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA 90°F, Clear
Contractor: Hamel Time Start: 07:00 AM Time Stop: 03:00 PM
Equipment: MillerBig Blue 500D DC Welding Generator; LN 25 Pro Extreme Wire feeder

Types of Tests/Observations Performed:

Steel / Welding



Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; GEneral Notes/S0.1; 1/S3.2; S2.3 High Roof Framing Plan; S2.2 Low Roof Framing Plan; 4/S6.1; 2S5.12

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide structural welding observation and inspection.

Crown Steel was onsite performing welding of the structural steel . I observed the placement of the multi-pass Bevel Groove welds (WPS B-P1b-GF per submittal #05120-1.0) at the HSS 5"x5"x1/2" column to 5"x5"x1/2"strut connections at grid line 2 from C.1 to C.5 per 2/S5.12. Welds were performed by certified welder Nicholas Garcia (FCAW Cert #12317SW, SMAW Cert #5517S).

Prior to welding, I verified the fit-up, joint alignment, groove angle, bevel depth, and root opening met the requirements of the WPS. Welds were accomplished using Innershield NR232, .072 ø wire fed by a Lincoln LN25 wire feed welder. Equipment was powered by a Miller Big Blue 500D DC welding generator S/N #MED80106E (certification date 7/7/2020) with the amperage range set at maximum, the amperage/voltage controls set at 35%/21, and the process switch set to Wire Feed.

Prior to intermittent weld placement, I verified the root bead to be sound and found no visual irregularities present at the time of inspection.

Upon completion of welds performed today, I verified weld quality, and dimension accuracy met the minimum requirements of the contract documents with no discontinuities visually observed.

Work observed met the minimum requirements of the contract documents

Acknowledged By *Signature*

Tom Hanrahan, Hamel

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Crown Steel performing the CJP welds at grid line 2/C.1



Fig. 2: Weld generator settings



[Signature]

Acknowledged By *Signature*

Tom Hanrahan, Hamel

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Sep 3, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA 95°F, Clear
Contractor: Hamel Time Start: 07:00 AM Time Stop: 03:00 PM
Equipment: Miller Big Blue 500D DC Welding Generator; Miller Big Blue 400 Pro DC Welding Generator; (2) LN 25 Pro Extreme Wire feeder

Types of Tests/Observations Performed:

Steel / Welding



Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; General Notes/S0.1; 1/S3.2; S2.3 High Roof Framing Plan; S2.2 Low Roof Framing Plan; 4/S6.1; 2/S5.12

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide structural welding observation and inspection.

Crown Steel was onsite performing welding of the structural steel in (2) locations:

- I observed the placement of the multi-pass Bevel Groove welds (WPS B-P1b-GF per submittal #05120-1.0) at the HSS 5"x5"x1/2" column to 5"x5"x1/2" strut connections at grid line 5 from C.1 to C.5 per 2/S5.12. Welds were performed by certified welder Nicholas Garcia (FCAW Cert #12317SW, SMAW Cert #5517S).

Prior to welding, I verified the fit-up, joint alignment, groove angle, bevel depth, and root opening met the requirements of the WPS. Welds were accomplished using Innershield NR232, .072 ø wire fed by a Lincoln LN25 wire feed welder. Equipment was powered by a Miller Big Blue 500D DC welding generator S/N #MED80106E (certification date 7/7/2020) with the amperage range set at maximum, the amperage/voltage controls set at 35%/21, and the process switch set to Wire Feed.

Prior to intermittent weld placement, I verified the root bead to be sound and found no visual irregularities present at the time of inspection.

- I observed the placement of the 1/4" fillet welds, top and bottom, and flare bevel groove welds at (2) sides of the HSS 5"x5"x1/4" column to 5"x5"x1/4" horizontal girt connections at grid line G, from 1 to 7 per 2/S5.12. 3 and 4/S5.13. Welds were performed by certified welder Carlos Garcia.

Welds were accomplished using Innershield NR232, .072 ø wire fed by a Lincoln LN25 wire feed welder. Equipment was powered by a Miller Big Blue 400 Pro DC welding generator with amperage range set at at maximum, amperage/voltage controls set at 50%/25, and the process switch set to Wire Feed.

Upon completion of welds performed today, I verified weld quality, and dimension accuracy met the minimum requirements of the contract documents with no discontinuities visually observed.

Work observed met the minimum requirements of the contract documents

Acknowledged By *Signature*

Tom Hanrahan, Hamel

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Welding being performed at grid line 5



Fig. 2: Girts installed at grid line G



[Signature]

Acknowledged By *Signature*

Tom Hanrahan, Hamel

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Sep 4, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA

95°F, Clear

Contractor: Hamel

Time Start: 07:00 AM Time Stop: 09:00 AM

Types of Tests/Observations Performed:

Steel / Welding, Other , Non-shrink grout at column base plates

Report items
In Progress

Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide structural welding observation, grout placement and sampling. I met with Hamel assistant superintendent Chris Rock onsite.

Crown Steel was onsite performing structural steel fit-up at the 4"x 4"x 1/4" HSS horizontal tube steel tube steel connections per 1/S6.2. at grid line 1 between lines 2 and 5.

No welding is to be performed today. Fit-up and tack welding only.

KAR was onsite to perform non-shrink grout placement at the column base plates. I was informed after 2 hours of stand-by that the grout had not arrived and that the placement was to be rescheduled. I informed Hamel assistant superintendent Chris Rock of the stand-by and of my departure, and Superintendent Tom Hanrahan by phone of the same.

Acknowledged By *Signature*

Chris Rock, Hamel

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Sep 10, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA
Contractor: Hamel
Equipment: Lincoln LN25 wire feed welder; Miller Big Blue 500D DC welding generator

93°F, Partly Cloudy
Time Start: 07:00 AM Time Stop: 01:00 PM

Types of Tests/Observations Performed:

Steel / Welding, Other , Non-shrink Grout placement observation/sampling



Documents Referenced:

3/S3.1;

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide structural welding observation, and non shrink grout observation and sampling.

KAR was onsite performing grouting of the column base plates per the general notes on S0.1. I observed MasterFlow 885 was mixed per the manufacturers recommendations to achieve a liquid consistency with 1 bag to 1.1 gallons of water. Grout was mixed for 5 minutes using a paddle and drill in 5 gallon buckets. I sampled and cast (1) set of (3) grout prisms.

Crown Steel was onsite to perform welding of the #6 rebar to column base plates at grid line A from 3 to 4 per 3/S3.1. Certified welder James Husebo (ID3779) was onsite to perform the welds.

I was informed by Crown Steel that the welding would need to be rescheduled for tomorrow

Work observed met the minimum requirements of the contract documents.

Acknowledged By *Signature*

Tom Hanrahan, Hamel Constructors, Inc.
Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins
Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: MasterFlow 885



Tom

Acknowledged By *Signature*

Tom Hanrahan, Hamel Constructors, Inc.

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Sep 10, 2020

DFR #: 9/10/2020
KLF Project #: 20210301.001A

by **Jacob Collins** for **Anthony Munoz Community Center**

Supplier: Master Builder Solutions **1 set(s) of Non-shrink Grout cast**
Mix Design #: Master Flow 885 Specified Strength: **6000 psi @ 28 days** required
Building Element: Column Base Plates
General Location: Column base plates

**Denotes a test outside of specification*

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		9:00am	9:15am		15				N/A	97		3
Specific Location: D.9/3.1												



Daily Field Report - Sep 11, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA
Contractor: Hamel
Equipment: Lincoln LN25 wire feed welder; Miller Big Blue 500D DC welding generator

95°F, Partly Cloudy
Time Start: 07:00 AM Time Stop: 01:00 PM

Types of Tests/Observations Performed:

Steel / Welding



Documents Referenced:

3/S3.1

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide structural welding observation

Crown Steel was onsite to perform welding of the #6 rebar to column base plates at grid line A from 3 to 4, and grid line Q from 19 to 21 per 3/S3.1. Certified welder James Husebo (ID3779) was onsite performing the welds.

Prior to welding, I verified WPS-WCE #9 Rebar Indirect Lap- 42 provided by Crown Steel and the fit-up met the requirements of the WPS, rebar to be A706 grade, Flare Bevel Groove welds were accomplished using Innershield NR232, .072 ø wire fed by a Lincoln LN25 wire feed welder, and powered by a Miller Big Blue 500D DC welding generator S/N #MED80106E (certification date 7/7/2020). Amperage range was set at at maximum, amperage/voltage controls set at 35%/21, and the process switch set to Wire Feed.

I verified the root bead to be sound prior to placement of the intermediate welds and found no visual irregularities present at the time of inspection. Upon completion of the welds, I verified the quality of welds, and weld dimension accuracy to meet the minimum requirements of the contract documents with no discontinuities visually observed.

Work observed met the minimum requirements of the contract documents

Acknowledged By *Signature*

Tom Hanrahan, Hamel Constructors, Inc.
Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins
Kleinfelder Representative *Print Name*



Daily Field Report - Sep 15, 2020

by Jacob Collins for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA 95°F, Clear
Contractor: Hamel Time Start: 08:30 AM Time Stop: 02:30 PM
Equipment: MillerBig Blue 500D DC Welding Generator; LN 25 Pro Extreme Wire feeder Traveled .5 hrs, 10 mi.

Types of Tests/Observations Performed:

Reinforcing Steel, Steel / Welding



Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; 7/S3.1; 1/S4.1; 6/S4.1; 3/S5.1; S2.1; 4/S3.1; 2/S5.14; S0.1 General Notes

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide structural welding observation and inspection, concrete reinforcement inspection, and shear wall anchor embed inspection.

- KAR was onsite performing reinforcement placement at the main building. I verified the #3 slab reinforcement was installed at 0-18" o.c.e.w.per 1/S4.1. I verified Z-bars were installed at the depressed slab on grade per 6/S4.1 at grid lines D.9 and F, between lines 1.8 to 5.3. I verified reinforcement for size, grade, placement, laps, and clearances. Reinforcement inspected today met the minimum requirements of the contract documents
- I performed inspection of the shear wall, and non-shear wall embedded anchor bolt installation at the main building. I verified the shear wall embedded j-bolts were installed per 3/S5.1 with correct spacing per the Shear Wall Attachment Schedule for shear walls B, C, D, and F, and verified the linear wall lengths, at exterior and interior locations, as noted on S2.1 Foundation Plan. I performed the embed inspection with Hamel Superintendent Tom Hanrahan present as secondary verification.
- Crown Steel was onsite performing welding of the brace frames at grid line R between grid lines 19 and 21 at the slab and High roof levels.

Prior to welding, I verified the fit-up, joint alignment, and root opening met the requirements of the WPS. Welds were accomplished using Innershield NR232, .072 ø wire fed by a Lincoln LN25 wire feed welder. Equipment was powered by a Miller Big Blue 500D DC welding generator S/N #MED80106E (certification date 7/7/2020) with the amperage range set at maximum, the amperage/voltage controls set at 35%/21, and the process switch set to Wire Feed. Welds were performed by certified welder Carlos Garcia.

Upon completion of welds performed, the 1/4" fillet welds at the 1/2" PL A572 GR 50 Gusset to HSS 5"x5"x 1/2" required per 7/S3.1 at the slab level, and 2/5.14 at the high roof level were inspected for weld quality, and dimension accuracy, and were verified to meet the minimum requirements of the contract documents with no discontinuities visually observed.

Work observed met the minimum requirements of the contract documents

Acknowledged By *Signature*

Tom Hanrahan, Hamel Contracting, Inc.
Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins
Kleinfelder Representative *Print Name*



Daily Field Report - Sep 17, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

63°F, Clear

Contractor:

Time Start: 05:36 AM Time Stop: 05:36 AM

Traveled 0.5 hrs, 4 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 2 set of 4 (6"x12") concrete compressive strength test specimens cast 9/16/20 were picked up and transported to the Kleinfelder Ontario lab for further testing

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Sep 23, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

73°F, Clear

Contractor:

Time Start: 08:55 AM Time Stop: 08:55 AM

Traveled 30 minutes hrs, 4 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1set of 4 (6"x12") concrete compressive strength test specimens cast 9/22/20 were picked up and transported to the Kleinfelder Ontario lab for further testing

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Sep 28, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

70°F, Clear

Contractor:

Time Start: 08:00 AM Time Stop: 08:00 AM

Traveled 30 minutes hrs, 4 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. One set of three non-shrink grout compressive strength test specimens were picked up and transported to the Kleinfelder Ontario lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Sep 30, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

93°F,

Contractor: Hamel

Time Start: 06:30 AM Time Stop: 11:00 AM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Reinforcing Steel

Report items
Comply

Documents Referenced:

Approved plans

Observations/Remarks:

Arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting. Upon arrival I met with Tom to discuss work plans for the day and review project documents.

[Reinforcing steel]

Reviewed the slab on grade where inspections have been requested. Verified construction of slab on grade, size, type and location of vertical and horizontal reinforcing steel for slab on grade at pool equipment building is in compliance with approved plans.

Reinforcing steel for new CMU perimeter wall and grade beams South from new pool was delivered today. After rebar was delivered to the jobsite, performed visual inspection, verified mill certs and paper work. Also, verified grade size and type of reinforcing steel. Reinforcing steel has not been installed yet.

Performed special inspection for bottom of grade beams South from new site pool. Verified soil consistency using a steel probe. Also, verified that locations, width and depth of footings are in compliance with the plans. Contractor will start to install reinforcing steel in this areas today.

Acknowledged By *Signature*

Hamel

Representing Company *Company Name*

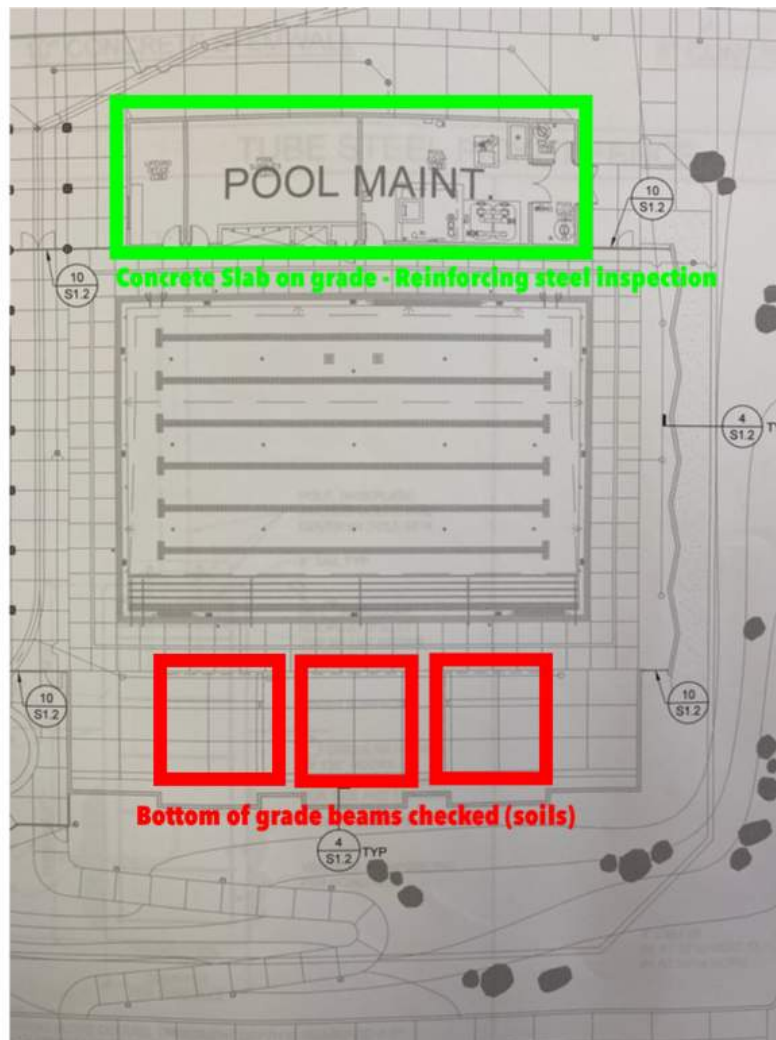
Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Plot plans



[Handwritten Signature]

Acknowledged By *Signature*

Hamel

Representing Company *Company Name*

[Handwritten Signature]

Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Mill certs

The figure displays four mill certificates. The top-left certificate is from Cascade Steel, Inc. for a 420/60 grade steel, with a yield strength of 68,000 PSI and a tensile strength of 120,000 PSI. The top-right certificate is also from Cascade Steel, Inc. for a 420/60 grade steel, with a yield strength of 68,000 PSI and a tensile strength of 120,000 PSI. The bottom-left certificate is from JAMAC Steel, Inc. for a 420/60 grade steel, with a yield strength of 68,000 PSI and a tensile strength of 120,000 PSI. The bottom-right certificate is from JAMAC Steel, Inc. for a 420/60 grade steel, with a yield strength of 68,000 PSI and a tensile strength of 120,000 PSI.

Jon A

Acknowledged By *Signature*

Hamel

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Slab on grade



Jon A

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

Hamel

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Daily Field Report - Oct 2, 2020

KLF Project #: 20210301.001A

by Marcus Molina for Anthony Munoz Community Center

Client: City of Ontario, CA 75°F, Clear
Contractor: KAR Construction Time Start: 06:30 AM Time Stop: 12:00 PM
Equipment: Trailer Pump, Revolving Drum Truck, Various Hand Tools. Traveled .5 hrs, 4 mi.

Types of Tests/Observations Performed:

Concrete



Documents Referenced:

Field Plans, Mix Design.

Observations/Remarks:

I arrived on site @ 1240 W 4th St (Anthony Munoz Center) to perform ACI field services as requested for concrete sampling and testing of pool utility's building SOG and free standing sun shade footing on the south side of the pool. Upon arrival I met with KAR Construction and Superintendent Tom Hanrahan to discuss scope of work.

Upon arrival field plans and specs were reviewed and equipment was set up for testing.

[Concrete Pour Utility Building]

I performed sampling and casting of 4(6x12) cylinders per ASTM standards as part of today's pour. 40 cu.yds of an approved Mix #3C40L600 (4000 psi) was delivered by Holliday Rock Inc. and was placed by means of a Trailer Pump. Additional observation was performed to monitor / verify mix No. and water added upon arrival of each load.

[Concrete Pour Sun Shade Footings]

At approx 10am four additional loads totaling 33 cu.yds of an approved Mix #3C40L600 (4000 psi) was delivered by Holliday Rock Inc. and was placed by means of a tail gate method as three sunshade footing on the south side of the pool. Observation and monitoring was performed to verify mix No., water added, and temp of each load upon arrival. All loads were found to be within spec and placement was performed within an appropriate amount of time from batch ticket.

Acknowledged By *Signature*

Tom Hanrahan Superintendent w/ Hamel
Representing Company *Company Name*

Kleinfelder Representative *Signature*

Marcus Molina
Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Trailer Pump.



Fig. 2: Pool Building SOG. Placement.



Fig. 3: Sample Ticket.

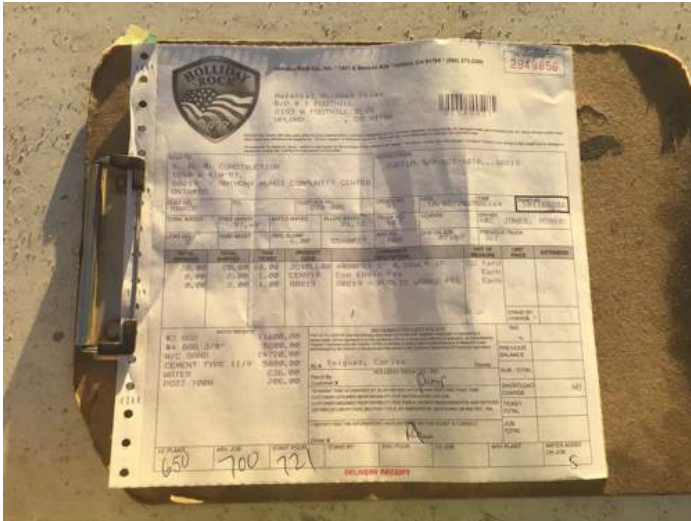


Fig. 4: Smamples Left Onsite.



Tom Hanrahan
Acknowledged By *Signature*

Tom Hanrahan Superintendent w/ Hamel
Representing Company *Company Name*

Marcus Molina
Kleinfelder Representative *Signature*

Marcus Molina
Kleinfelder Representative *Print Name*



Sampling & Testing Log

Oct 2, 2020

KLF Project #: 20210301.001A

by Marcus Molina for Anthony Munoz Community Center

Supplier: Holliday Rock Co., Inc.

1 set(s) of Concrete Cylinders cast

Mix Design #: 3C40L600

Specified Strength: **4000** psi @ **28** days required

Building Element: Slab-on-Grade

General Location: Pool Utility Building SOG

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
607 / 101166558 / 2	10	6:44am	7:30am	7:55am	46	5	N/A	N/A	77	75	5	4
Specific Location: Pool Utility Building (Equipment Room)												



Daily Field Report - Oct 8, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

63°F, Clear

Contractor:

Time Start: 09:15 AM Time Stop: 09:15 AM

Traveled 30 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 4 (6"x12") concrete compressive strength specimens were picked up and transported to the Kleinfelder Ontario lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Oct 16, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

83°F, Clear

Contractor: Oltmans

Time Start: 06:00 AM Time Stop: 10:00 AM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved plans and mix designs

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting. Upon arrival I met with Tom to discuss work plans for the day and review approved project documents.

Observed placement of grout beneath the base plates for pool trellis. Contractor started mixing grout on site. Constructed 1 set of grout strength test samples for lab verification testing. Grouting operations at this location is completed and per approved project documents.

Also, Performed special inspection for bottom of CMU wall. Verified soil consistency using a steel probe. Also, verified that locations, width and depth of footings are in compliance with the plans. Contractor will start to install reinforcing steel in this areas next week.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



Signature

Acknowledged By *Signature*

Signature

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Oct 16, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Supplier: Masterflow 885 **1 set(s) of Non-shrink Grout cast**
Mix Design #: Non-Shrink metallic grout **Specified Strength: 6000 psi @ 28 days required**
Building Element: Masonry Column
General Location: South side pool trellis

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		9:00am	9:10am		10				81	73		4
Specific Location: Base plates for pool trellis												



Daily Field Report - Oct 19, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

82°F, Clear

Contractor:

Time Start: 06:00 AM Time Stop: 01:00 PM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Reinforcing Steel



Documents Referenced:

Approved plans and mill certs

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting. Upon arrival I met with Tom to discuss work plans for the day and review project documents.

[Reinforcing steel]

Reinforcing steel for new CMU perimeter wall footings was delivered today. After rebar was delivered to the jobsite, performed visual inspection, verified mill certs and paper work.

After rebar got delivered, contractor started installation of reinforcing steel. Reviewed the footing areas where inspections have been requested. Verified construction of footings, size, type and location of vertical and horizontal reinforcing steel at footings for perimeter CMU wall is in compliance with approved plans.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Contractor

Jimmy Monterroso

Representing Company *Company Name*

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1:

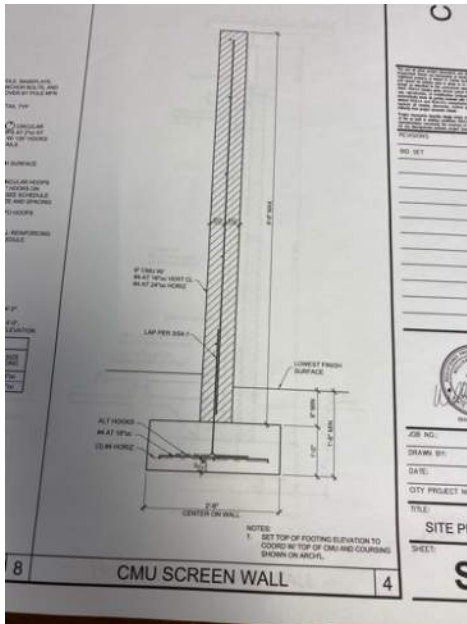


Fig. 2:



Acknowledged By *Signature*



Kleinfelder Representative *Signature*

Contractor

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Contractor

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Daily Field Report - Oct 19, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

65°F, Clear

Contractor:

Time Start: 08:15 AM Time Stop: 08:15 AM

Traveled .5 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. Sample was not found

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Oct 22, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA

76°F, Partly Cloudy

Contractor: KAR

Time Start: 10:00 AM Time Stop: 02:00 PM

Equipment: Hand tools

Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Reinforcing Steel



Report items

Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz project per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspection needed for the day.

(Pool perimeter CMU screen wall footings)

KAR was on site placing reinforcing steel for the CMU screen wall footings around the perimeter of the pool (see picture below for locations). All reinforcement met size, spacing, jam bars, hooks, clearances and lap splice tails per the plans and specifications. Loose soil at the west end of wall needs to be removed before concrete placement. Concrete will be placed the next working day.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: CMU footing detail

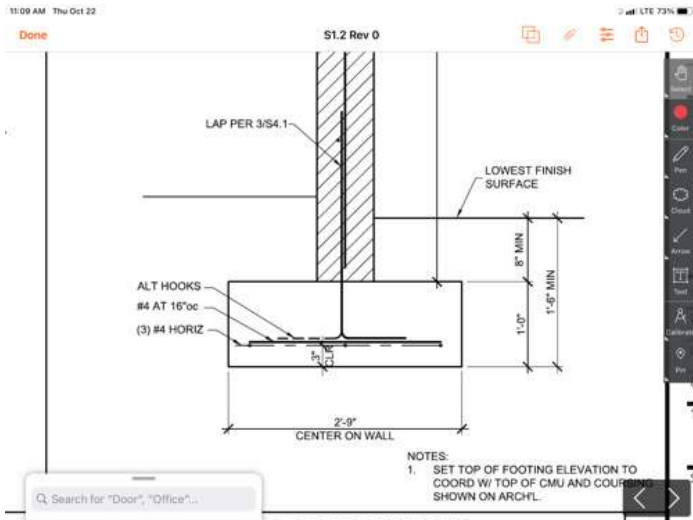


Fig. 2: Rebar placement 1



Fig. 3: Rebar placement 2



Tom A

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

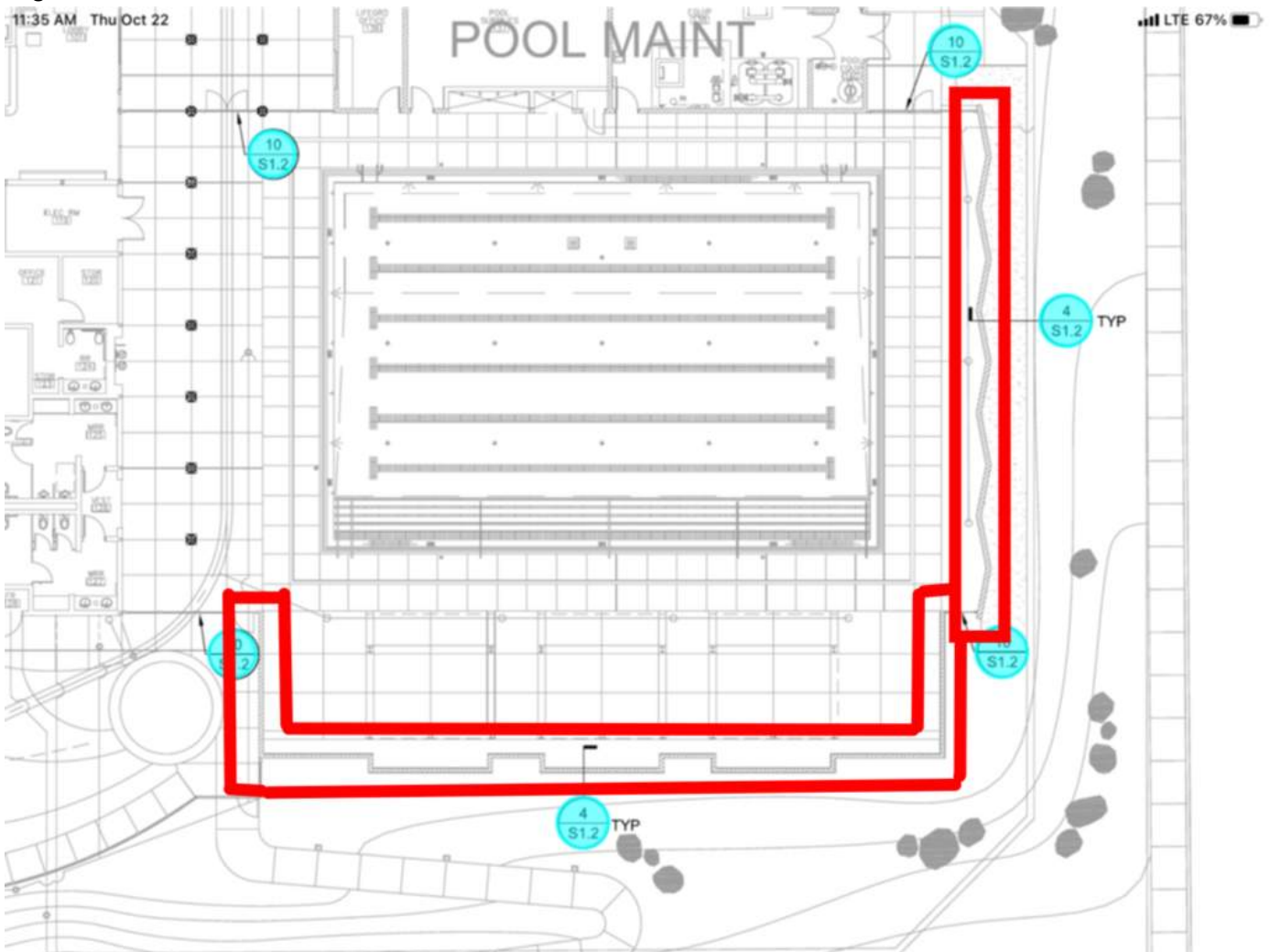
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: CMU screen wall location



Tom A

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Daily Field Report - Oct 22, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA

76°F, Partly Cloudy

Contractor: KAR

Time Start: 10:00 AM Time Stop: 02:00 PM

Equipment: Hand tools

Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Reinforcing Steel



Report items

Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz project per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspection needed for the day.

(Pool perimeter CMU screen wall footings)

KAR was on site placing reinforcing steel for the CMU screen wall footings around the perimeter of the pool (see picture below for locations). All reinforcement met size, spacing, jam bars, hooks, clearances and lap splice tails per the plans and specifications. Loose soil at the west end of wall needs to be removed before concrete placement. Concrete will be placed the next working day.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: CMU footing detail

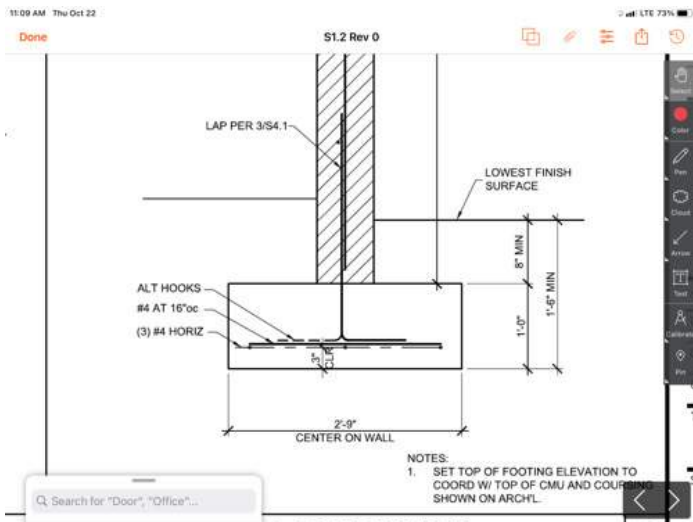


Fig. 2: Rebar placement 1



Fig. 3: Rebar placement 2



Tom A

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

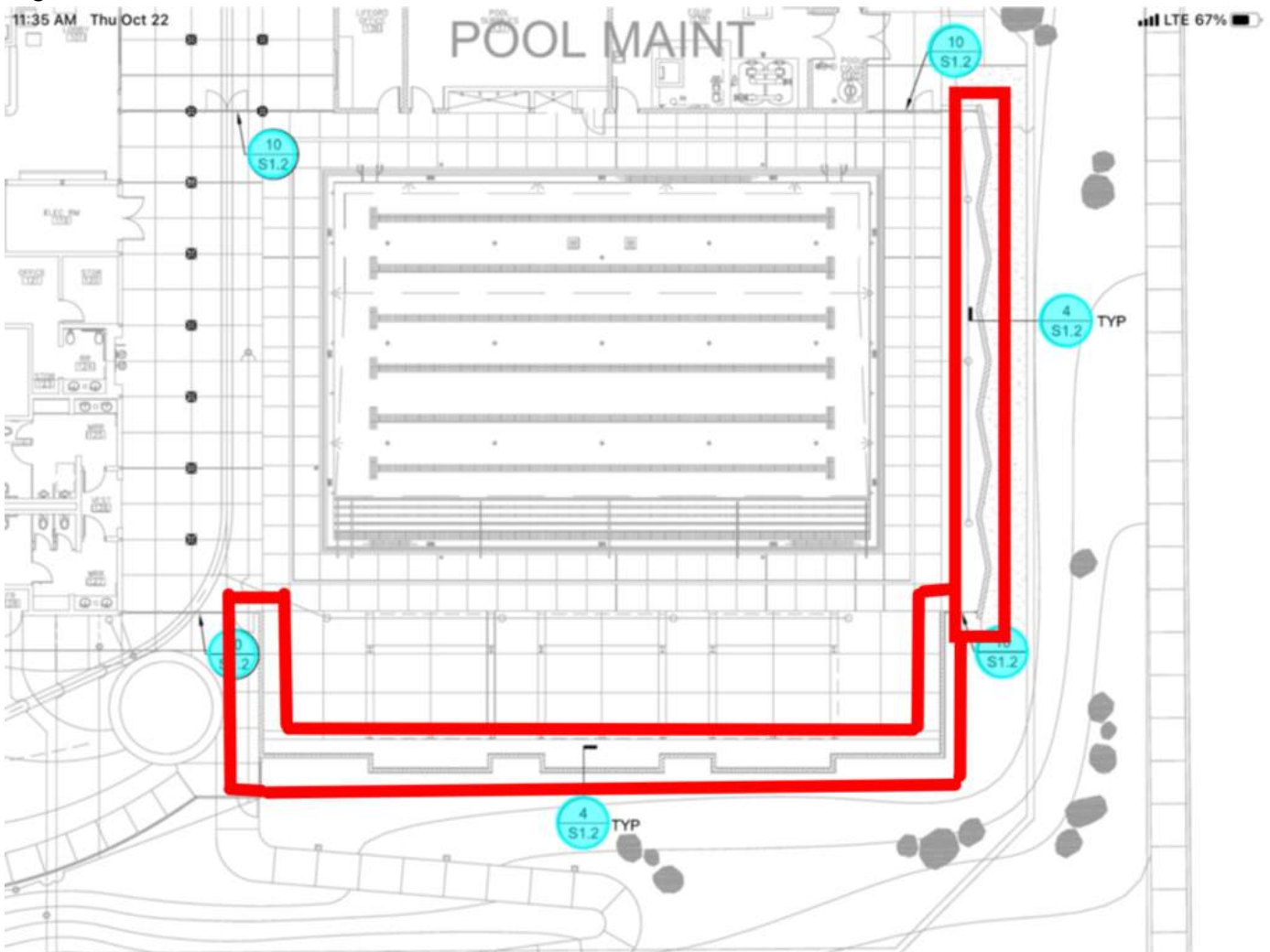
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: CMU screen wall location



Tom A

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Daily Field Report - Oct 23, 2020

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 70°F, Partly Cloudy
Contractor: KAR Time Start: 09:00 AM Time Stop: 01:00 PM
Equipment: Trailer concrete pump, vibrator, hand tools Traveled .5 hrs, 5 mi.

Types of Tests/Observations Performed:

Concrete

Report items
Comply

Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Anthony Munoz project per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspection needed for the day.

(Pool perimeter CMU screen wall footings - concrete)

KAR was on site placing concrete for the CMU screen wall footings for the perimeter pool area. Holiday rock provided 38 yards of mix: 3C40L640. 5 gallons of water was added to each truck before placement (per foreman). The foreman did not moisture condition the footing excavation prior to placement. Contractor used a vibrator to consolidate the concrete. performed ACI slump, concrete temp, ambient temp and fabricated (4) 6x12 test specimens. I stored the test specimens on site in the cure box.

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Concrete batch ticket



Fig. 2: Concrete placement



Fig. 3: Concrete pump



am to ...

.....
Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shu Shu

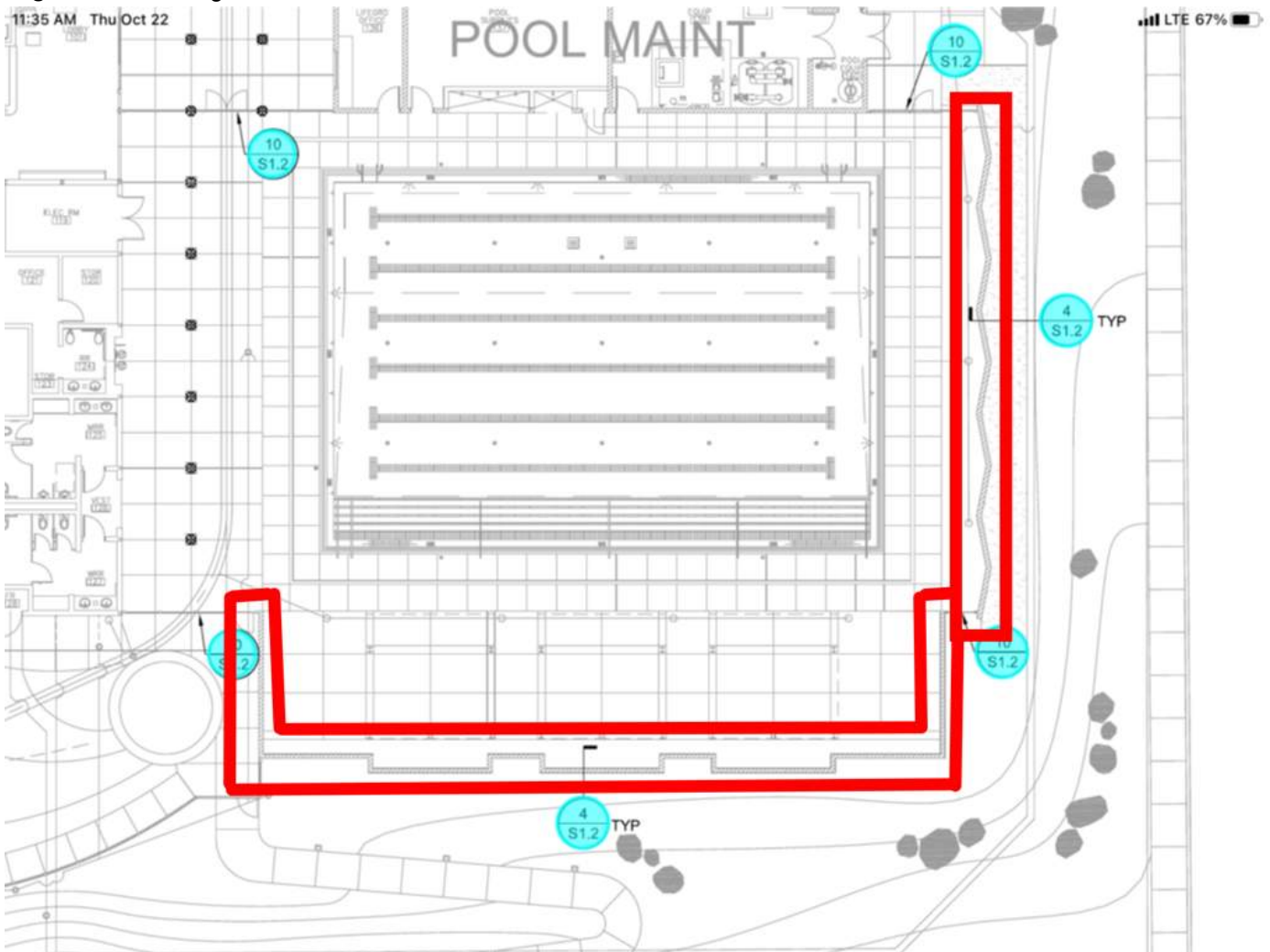
.....
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: CMU footing location



Tom Hanrahan
Acknowledged By *Signature*

Hamel - Tom Hanrahan
Representing Company *Company Name*

Shawn McLaren
Kleinfelder Representative *Signature*

Shawn McLaren
Kleinfelder Representative *Print Name*



Sampling & Testing Log

Oct 23, 2020

KLF Project #: 20210301.001A

by **Shawn McLaren** for **Anthony Munoz Community Center**

Supplier: Holiday rock 1 set(s) of Concrete Cylinders cast
Mix Design #: 3C40L640 Specified Strength: **4000** psi @ **28** days required
Building Element: Footing
General Location: CMU screen wall footing around pool area

**Denotes a test outside of specification*

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
741 / 128019292 / 2	10	10:11am	10:45am	10:55am	34	6	N/A	N/A	78.4	65	5	4
Specific Location: CMU screen wall footings around pool area												



Sampling & Testing Log

Oct 23, 2020

KLF Project #: 20210301.001A

by **Shawn McLaren** for **Anthony Munoz Community Center**

Supplier: Holiday rock 1 set(s) of Concrete Cylinders cast
Mix Design #: 3C40L640 Specified Strength: **4000** psi @ **28** days required
Building Element: Footing
General Location: CMU screen wall footing around pool area

**Denotes a test outside of specification*

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
741 / 128019292 / 2	10	10:11am	10:45am	10:55am	34	6	N/A	N/A	78.4	65	5	4
Specific Location: CMU screen wall footings around pool area												



Daily Field Report - Oct 26, 2020

KLF Project #: 20211501.001A

by Shawn McLaren for CSM AMZL DDO6 Torrance, CA CoMET

Client: Amazon.com, Inc.
Contractor: Boberg
Equipment: Backhoe w/vibe plate

70°F, Partly Cloudy
Time Start: 07:00 AM Time Stop: 03:00 PM
Traveled 3.0 hrs, 114 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to the Amazon in Torrance per the west request of Oltmans and spoke to Luis Sanchez (Oltmans superintendent) about the inspections needed for the day.

(Wall footing at GL: C.1 from 10 line west)

Boberg was on site excavating for a wall footing (excavation/compaction was done prior to my arrival) at GL: C. 1 from 10 line west about 30 feet. I used a calibrated nuclear density gauge to check compaction and moisture content. 2 tests were taken, 2 tests met minimum specified compaction per plans and specifications.

(Sidewalk over-ex)

Boberg was on site over excavating the sidewalk section east of the building at the north portion of the parking lot. The contractor removed 24" of soil and compacted the bottom with a hydraulic vibratory attached to a backhoe. I used a probe to check relative compaction. Probing showed soil was firm and unyielding.

Acknowledged By *Signature*

Oltmans - Luis Sanchez

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Wall footing bottom



Fig. 2: Sidewalk over-ex bottom compaction



LSA

Acknowledged By *Signature*

Oltmans - Luis Sanchez

Representing Company *Company Name*

SM

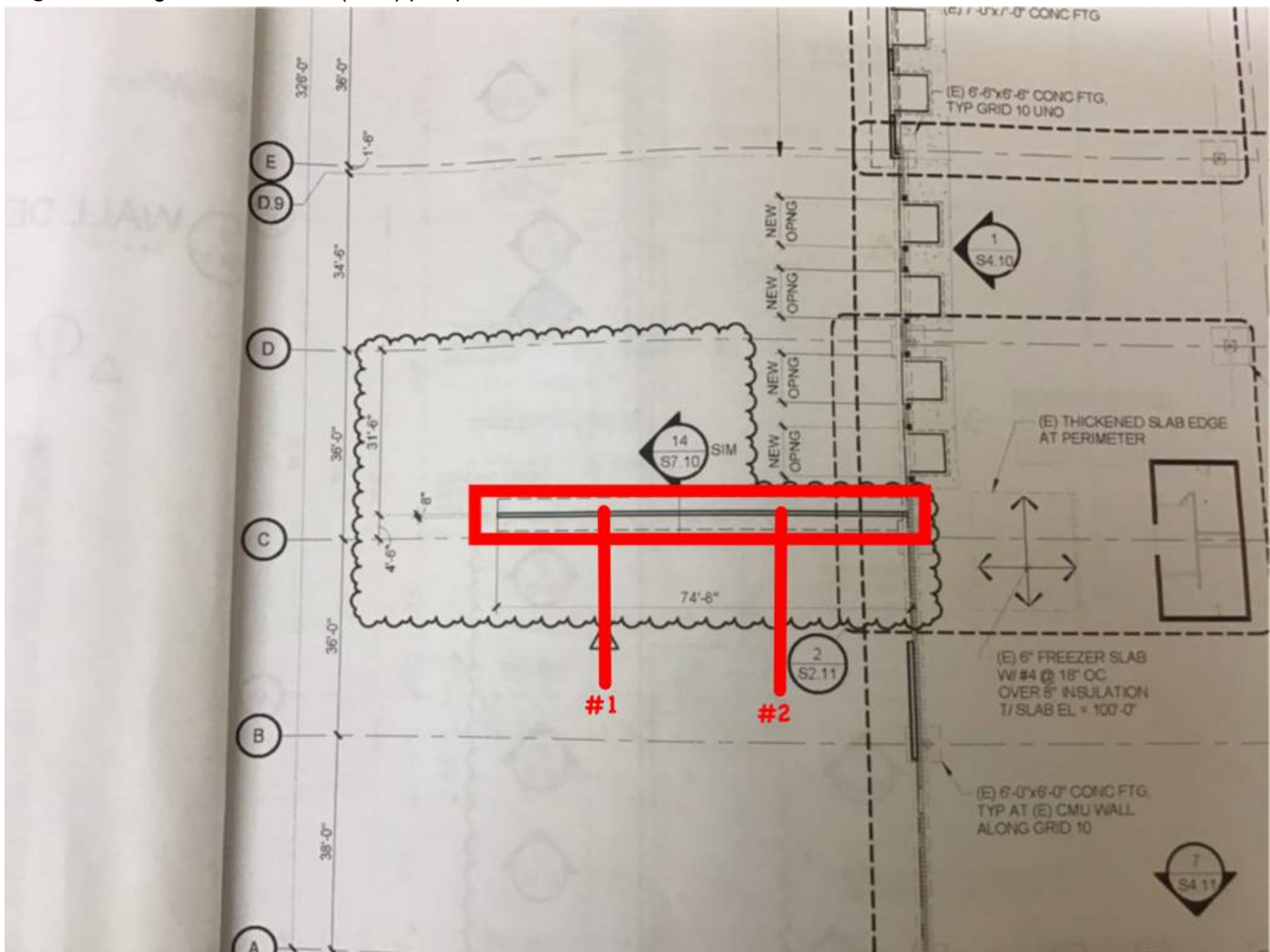
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Footing bottom section (#1-2) plot plan



[Signature]

Acknowledged By *Signature*

Oltmans - Luis Sanchez

Representing Company *Company Name*

[Signature]

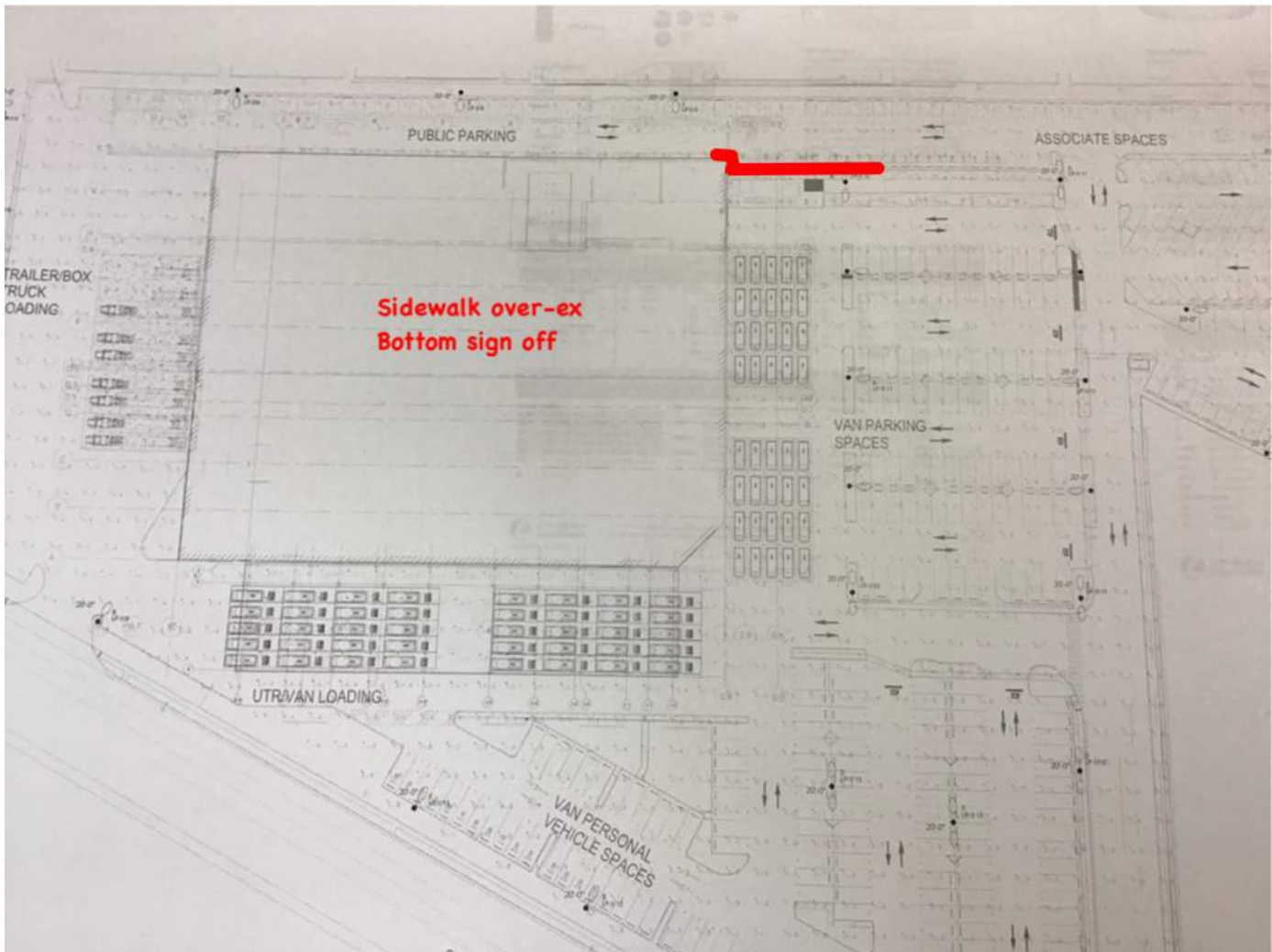
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Sidewalk over-ex bottom sign off section



LSA

Acknowledged By *Signature*

Oltmans - Luis Sanchez

Representing Company *Company Name*

SM

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Daily Field Report - Oct 26, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

65°F, Clear

Contractor:

Time Start: 11:15 AM Time Stop: 11:15 AM

Traveled 30 minutes hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 4 (6"x12") concrete compressive strength test specimens were picked up and transported to the Kleinfelder Ontario lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Nov 5, 2020

by Mike Carman for Anthony Munoz Community Center

KLF Project #: 20210301.001A
Building Permit No: #B20 1901497

Client: City of Ontario, CA
Contractor: Hamel
Equipment: Deck welding & Exterior Shear Walls

80°F, Partly Cloudy
Time Start: 07:00 AM Time Stop: 11:00 AM
Traveled 1 hrs, 60 mi.

Types of Tests/Observations Performed:

Metal Decking, Steel / Welding, Other , Exterior Shear Walls



Documents Referenced:

Approved plans, specs. and applicable codes / 2015 AWS D1.1

Observations/Remarks:

Arrived on site at the Anthony Munoz Community Center project to perform visual inspection.

WELDING:

Welding was started on 1-1/2" x 18 GA Metal Decking to roof beams 1" spot weld 18" OC per detail 14 on S6.4. Welding at grid lines C.4 to G - 7 to 10 is complete and acceptable.
Welding at grid lines G to N - 7 to 9 is still in progress.

Observe and inspect LA city certified welder Andrew Zacatecas No.P033977 welding 1/8" dia. SMAW AWS A5.1 per approved WPS at 110 Amps, 22 Volts & travel speed 5 IPM all acceptable.

EXTERIOR SHEAR WALLS:

Verify the Exterior Shear Wall Attachment (nailing) per Detail 3 on S5.1 and plan view on S2.1, see list below:
All Hold Downs are in place all with fasteners and listed below;

Gridline; C - 1 to 2, Mark B @ 17' - 4" nail spacing. (HDU2) / 1 - C to F, Mark B @ 31' - 4" nail spacing. (HDU2 x 2) & 14' - 4" nail spacing. / D.9 - 1.8 to 3, Mark C @ 29' - 3" nail spacing. / D.9 - 4 to 5.3, Mark C @ 29' - 3" nail spacing. (HDU11) / C - 5 to 6.1, Mark B @ 10' - 4" nail spacing. (HDU8 x2) & 7' - 4" nail spacing. (HDU11) / 6 - C to E, Mark B @ 18' - 4" nail spacing. (HDU11) & 14' - 4" nail spacing. (HDU11).
Gridline; G - 5 to 7, Mark C @ 17' - 3" nail spacing x 2. / (HDU8) 7 - H to N, Mark C @ 13' - 3" nail spacing. (HDU8x2) & 13' - 3" nail spacing. (HDU8x2) & 12' - 3" nail spacing. N - 6 to 7, Mark C @ 13.5' - 3" nail spacing. (HDU8)
Gridline; (HDU11) 5- J to K.5, Mark C @ 19' - 3" nail spacing. (HDU11) / 23 - R to S.8, Mark B @ 25.5 - 4" nail spacing. (HDU8) / (HDU2) T - 16 to 17, Mark B @ 8' - 4" nail spacing. (HDU2) / (HDU11) U - 17 to 23 Mark D @ 8.5' - 2" nail spacing. (HDU11) & 6.5' - 2" nail spacing. (HDU11) & 8.5' - 2" nail spacing. (HDU11) / 16 - S to T, Mark B @ 31' - 4" nail spacing. (HDU2) / (HDU8) 17 - R to S.7, Mark B @ 26.5' - 4" nail spacing. (HDU8) / (HDU2) S.5 - 16 to 17, Mark B @ 7' - 4" nail spacing. (HDU2) All of the above are complete and acceptable.

Incomplete Exterior Shear Wall Attachment (nailing) Gridline F - 1 to 5.5 Mark B @ 11' 4" nail spacing. The top panel is not attached at this time. Also all Exterior Shear Wall Attachment (nailing) that are (Both Sides) only have one side complete.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel

Representing Company *Company Name*

Mike Carman

Kleinfelder Representative *Print Name*



Daily Field Report - Nov 16, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

75°F,

Contractor:

Time Start: 07:00 AM Time Stop: 11:00 AM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting. Upon arrival I met with Tom to discuss work plans for the day and review project documents.

Superintendent informed me that contractor was not on site.
Remained on stand by until I was informed that today's operation were cancelled.
Contractor will continue tomorrow.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1:



Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Daily Field Report - Nov 17, 2020

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

75°F, Clear

Contractor:

Time Start: 07:00 AM Time Stop: 03:00 PM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

Approved plans

Observations/Remarks:

On site today to perform masonry construction inspections.

After meeting with contractor and superintendent. Reviewed the approved project documents and reviewed the CMU wall where inspections have been requested.

Contractor started today's operation constructing CMU perimeter wall next to site pool (see attachments for exact location).

Verified construction of the CMU wall, size, type and location of vertical and horizontal reinforcing steel are compliance with approved plans.

Construction of CMU wall is not complete and remains in progress.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Superintendent

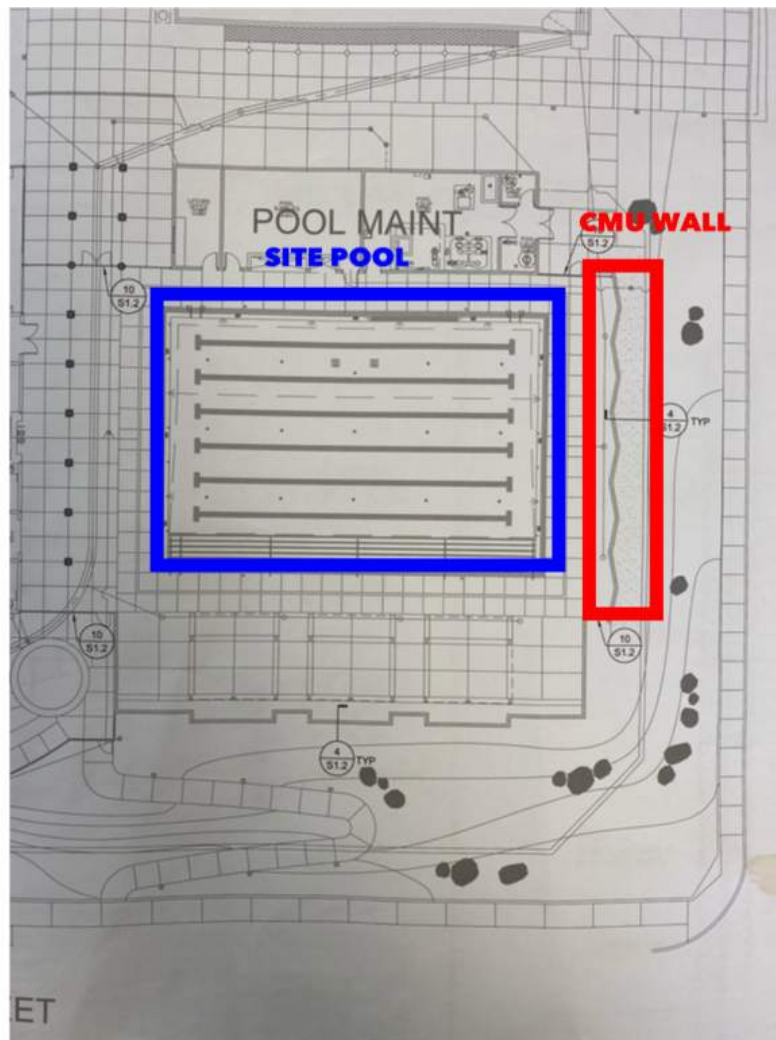
Jimmy Monterroso

Representing Company *Company Name*

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



jen

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

Superintendent

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Wall detail



jon

Acknowledged By *Signature*

[Signature]

Kleinfelder Representative *Signature*

Superintendent

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Daily Field Report - Nov 18, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA 70°F, Clear
Contractor: Hamel Contracting Inc Time Start: 06:45 AM Time Stop: 03:45 PM
Equipment: Whiteman mixer, various hand tools, STIHL Concrete saw Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Masonry



Documents Referenced:

Approved site plans, approved on Aug 21st, 2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc Superintendent) and with Sergio (Haxton Masonry Inc) to discuss the days work for CMU placement and observation.

Haxton Masonry Inc (Haxton) had a 5 men crew, who began placement of CMU at courses 5 through 13 along grid line 15 at grid lines F through N.1. Haxton used #5s at 24" on center for the horizontal reinforcement instead of the #4s per detail (4) on S1.2. All other reinforcement placed was placed per detail (4) on S1.2 and typical detail (3) on S4.11. I verified that reinforcement grade, size and laps and bends met minimum coverage requirements of the contract documents. #5 bars at the top of wall will be placed prior to grout pour.

Prior to and during block placement, I observed a total of (16) 94lb bags of PMP Spec Mix Pre-blended dry mortar get mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 mins by paddle mixer with a sufficient amount of water to get to a work able consistency. They then transfer the mix by wheelbarrow to the work area. I monitored the time and temp of the mix after initial mixing and confirmed mortar was used in the allotted time frame during CMU placement.

Work Observed for the day met the minimum requirements of the contract documents.

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

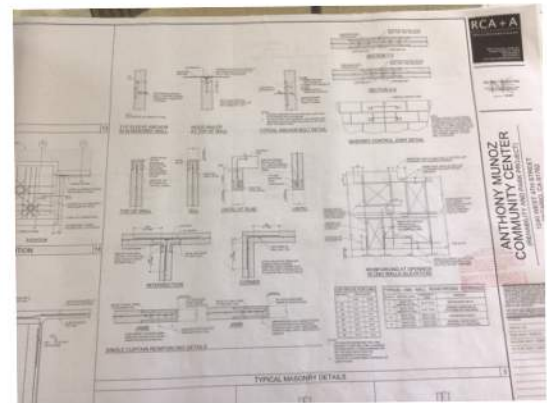
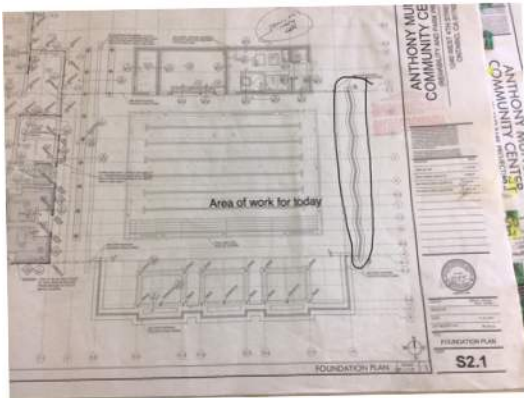
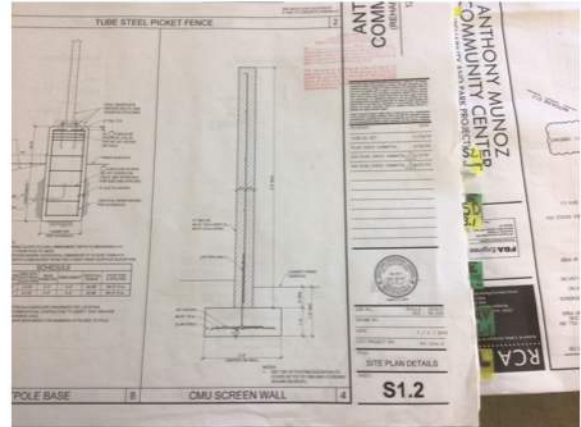
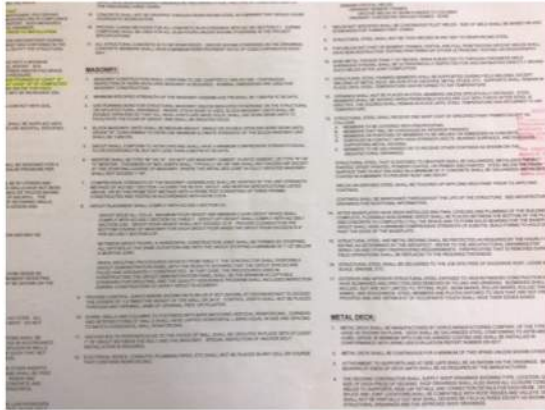
Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Plan specs



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Mortar mix



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Wall at 15 line between F and N.1



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Nov 18, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Supplier: On-Site Mix 1 set(s) of Masonry Mortar cast
Mix Design #: Type S Mortar
Building Element: Masonry Wall
General Location: Wall on east side of pool

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		1:00pm	1:08pm		8				71.9	70		4
Specific Location: Wall along 15 line between Line F through N.1												



Daily Field Report - Nov 19, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc
Equipment: Paddle mixer, various hand tools

70°F, Clear
Time Start: 06:45 AM Time Stop: 03:45 PM
Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

Approved siteplans, approved on Aug 21st, 2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc Superintendent) and with Sergio (Haxton Masonry Inc) to discuss the days work for CMU placement and observation.

Haxton Masonry Inc (Haxton) had a 4 men crew, who began placement of CMU for courses 1 through 9 along grids line 15 through 8.9 at grid lines N through P. Course #1 was 8" CMU block and courses 2-9 were 6" CMU block. The 6" block was placed along grid line 15 between N through O. Haxton used #5s at 24" on center for the horizontal reinforcement instead of the #4s per detail (4) on S1.2. All other reinforcement placed was placed per detail (4) on S1.2 and typical detail (3) on S4.11. I verified that reinforcement grade, size and laps and bends met minimum coverage requirements of the contract documents.

Prior to and during block placement, I observed a total of (7) 94lb bags of PMP Spec Mix Pre-blended dry mortar and (6) 80lb bags of IWR Type S mortar get mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 mins by paddle mixer with a sufficient amount of water to get to a work able consistency. They then transfer the mix by wheelbarrow to the work area. I monitored the time and temp of the mix after initial mixing and confirmed mortar was used in the allotted time frame during CMU placement.

Work Observed for the day met the minimum requirements of the contract documents.

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

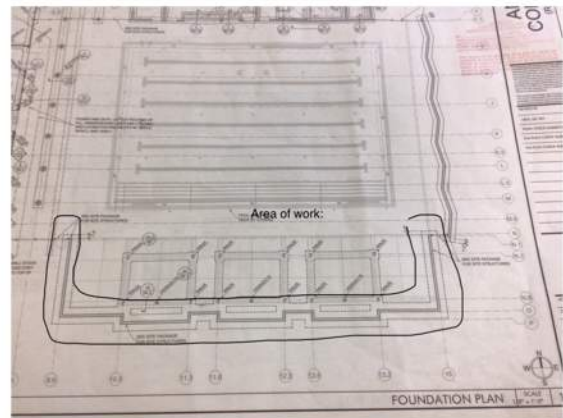
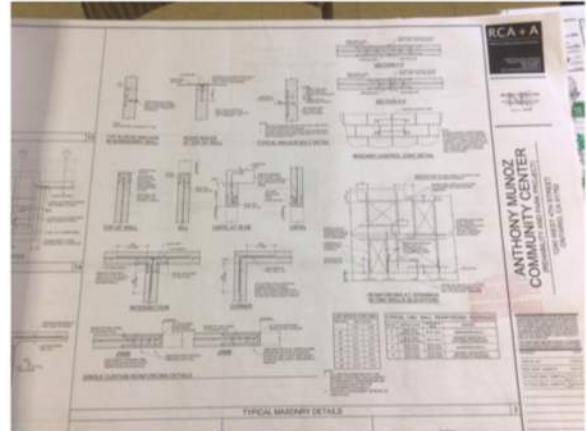
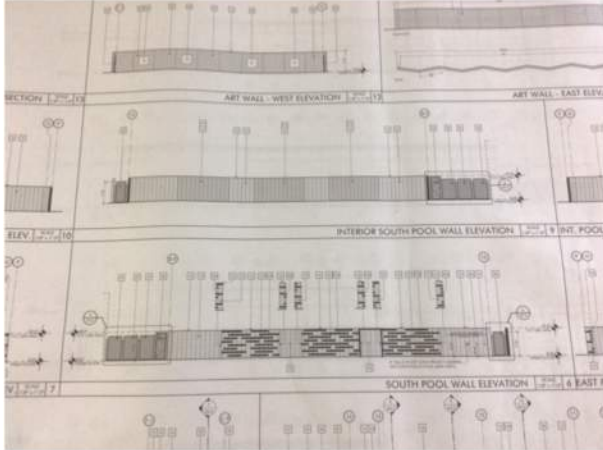
Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Plans for days work



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Mortar mix



Jan 6

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: The days work



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*



Daily Field Report - Nov 20, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc
Equipment: Paddle mixer, concrete block saw, various hand tools

81°F, Partly Cloudy
Time Start: 06:45 AM Time Stop: 03:45 PM
Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

Approved site plans, approved on Aug 21st 2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc Superintendent) and with Sergio (Haxton Masonry Inc) to discuss the days work for CMU placement and observation.

Haxton Masonry Inc (Haxton) had a 4 men crew continue placement of CMU block wall South of the pool for courses 2 through 9 along grids line O and P from grid line 15 through 12.3 and courses 2-7 from 12.3 through 11.6. All courses placed today were 6" CMU block. Haxton used #5 reinforcement bars instead of the #4s per typical detail (3) on S4.11 at the corners. All other reinforcement placed was placed per detail (4) on S1.2 and typical detail (3) on S4.11. Color block pattern was placed per detail (6) on A3.3. I verified that reinforcement grade, size and laps and bends met minimum coverage requirements of the contract documents. Control Joints for the wall South of the pool will be cut at the corners at grid lines O:15, P:13.2, P:12.6, P:12.3, P:11.6, P11.3, P:10.5, O:8.9, and for the wall East of the Pool at the angles between grid lines G:H, J:K, L:5:M, after grout placement by Haxton Masonry per conversation with Tom (Superintendent Hamel Contracting Inc) and Sergio (Foreman Haxton Masonry) today. Locations of control joints are per the Engineer, Tom Nelison. Work is on going for the wall South of the Pool.

Prior to and during block placement, I observed a total of (12) 80lb bags of IWR Type S mortar get mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 mins by paddle mixer with a sufficient amount of water to get to a work able consistency. They then transfer the mix by wheelbarrow to the work area. I monitored the time and temp of the mix after initial mixing and confirmed mortar was used in the allotted time frame during CMU placement.

Work Observed for the day met the minimum requirements of the contract documents

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting Inc

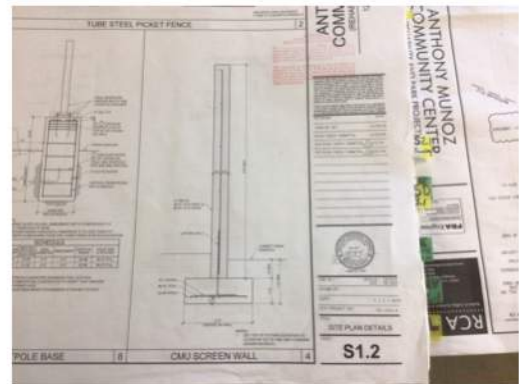
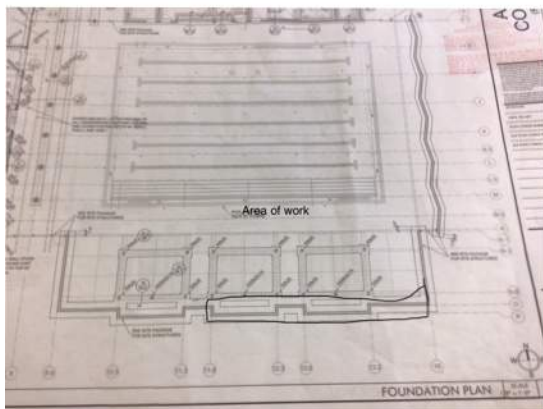
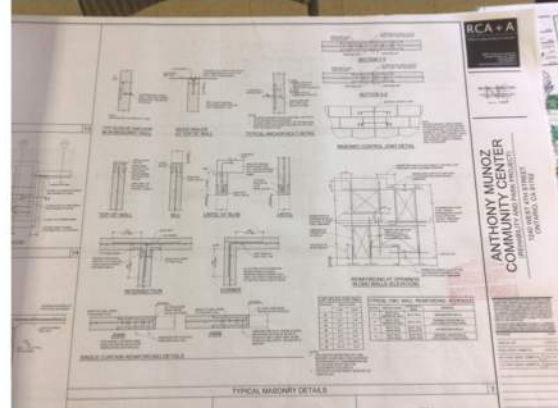
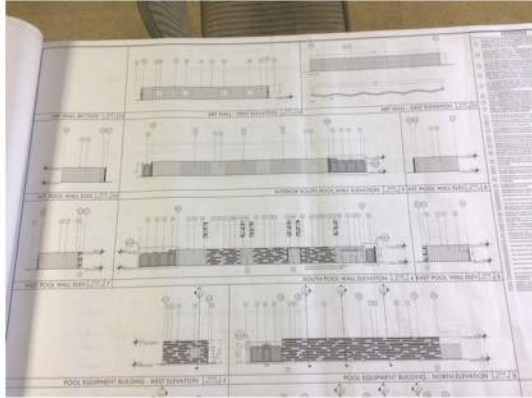
Representing Company *Company Name*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Plans for today's work



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc
Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Mortar mix



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Work for the day



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*



Daily Field Report - Nov 23, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc
Equipment: Padel mixer, various hand tools

65°F, Clear
Time Start: 06:45 AM Time Stop: 03:45 PM
Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Masonry



Documents Referenced:

Approved site plans, approved on Aug 21, 2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc Superintendent) and with Sergio (Haxton Masonry Inc) to discuss the days work for CMU placement and observation.

Haxton Masonry Inc (Haxton) had a 7 men crew, who continued placement of 6" CMU block for courses 8 through 9 along grids line P:12.3-11.6 and courses 2-9 at grid line P:11.6-8.9 and courses 2-9 at grid line 8.9:O-N and courses 10-17 at grid line 15:N-O. All reinforcement placed was placed per detail (4) on S1.2 and typical detail (3) on S4.11. Colored block was placed per detail (3) on A3.3. I verified that reinforcement grade, size and laps and bends met minimum coverage requirements of the contract documents. All vertical reinforcement will be placed prior to grout placement.

I casted one set of (4) 2"X4" cylinders of mortar for testing. Please see data sheet for more information.

Prior to and during block placement, I observed a total of (18) 80lb bags of IWR Type S mortar get mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 mins by paddle mixer with a sufficient amount of water to get to a work able consistency. Haxton then transfer the mix by wheelbarrow to the work area. I monitored the time and temp of the mix after initial mixing and confirmed mortar was used in the allotted time frame during CMU placement.

Work Observed for the day met the minimum requirements of the contract documents.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting Inc

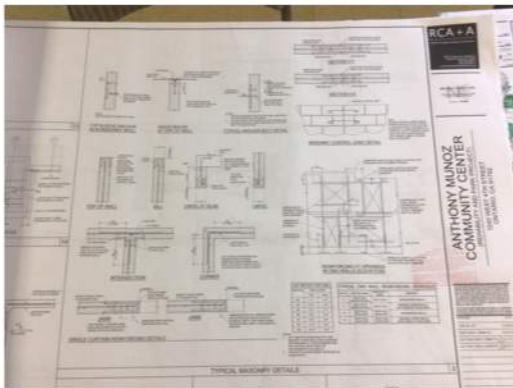
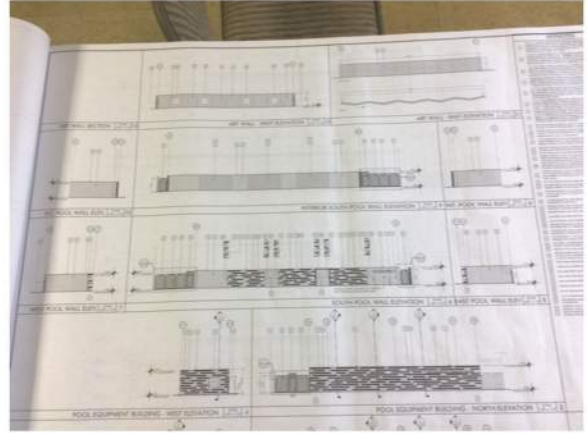
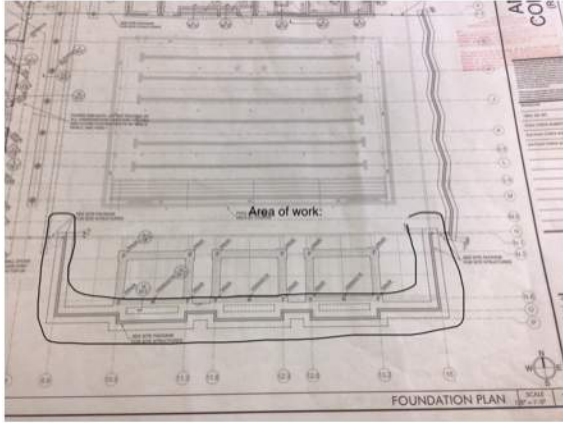
Representing Company *Company Name*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Approved plans for todays work



[Handwritten Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Handwritten Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Mortar mix



gem

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Work for today



gem

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Nov 23, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Supplier: On-Site Mix 1 set(s) of Masonry Mortar cast
Mix Design #: Type S Mortar
Building Element: Masonry Wall
General Location: CMU Wall South of Pool

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		12:37pm	12:40pm		3				68.7	61		4
Specific Location: Wall along grid line 8.9 between grid lines O-N												



Daily Field Report - Nov 24, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA 68°F, Clear
Contractor: Hamel Contracting Inc Time Start: 06:45 AM Time Stop: 03:45 PM
Equipment: Padel mixer, concrete saw, various hand tools Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Masonry

Report items
In Progress

Documents Referenced:

Approved site plans, approved on Aug 21st, 2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc Superintendent) and with Sergio (Haxton Masonry Inc) to discuss the days work for CMU placement and observation.

Haxton Masonry Inc (Haxton) had a 7 men crew, who continued placement of 6" CMU block for course 18 at grid line 15:N-O, courses 10 through 18 along grids line O:15-13.2 and courses 10-18 at grid line P:13.2-12.6, courses 10-18 at grid line O:12.6-12.3, course 10-18 at grid line P:12.3-11.6, course 10-18 at grid line O:11.6-11.3. All reinforcement placed was placed per detail (4) on S1.2 and typical detail (3) on S4.11. Colored block was placed per detail (3) on A3.3. I verified that reinforcement grade, size and laps and bends met minimum coverage requirements of the contract documents. All vertical reinforcement will be placed prior to grout placement.

Haxton began placement of #4s @16" on center for the vertical reinforcement per detail (4) on S1.2 and the #5s at the corners and top of wall reinforcement per detail (3) on S4.11 in the CMU wall east of grid line 15 between F-N. I verified that the clean outs were clean and that the mortar fins had been removed.

Prior to and during block placement, I observed a total of (18) 80lb bags of IWR Type S mortar get mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 mins by paddle mixer with a sufficient amount of water to get to a work able consistency. Haxton then transfer the mix by wheelbarrow to the work area. I monitored the time and temp of the mix after initial mixing and confirmed mortar was used in the allotted time frame during CMU placement.

Work Observed for the day met the minimum requirements of the contract documents

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting Inc

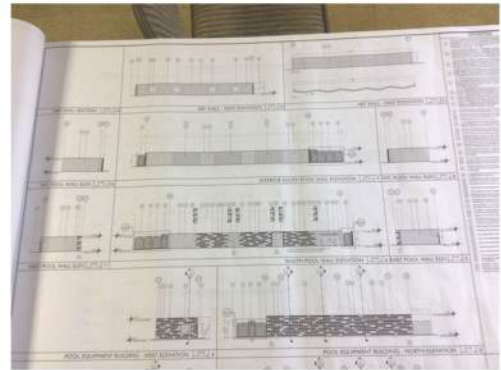
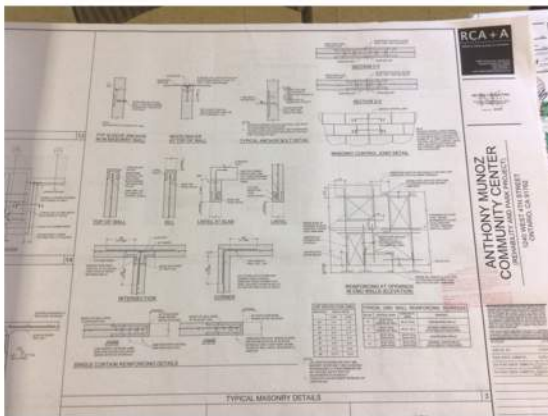
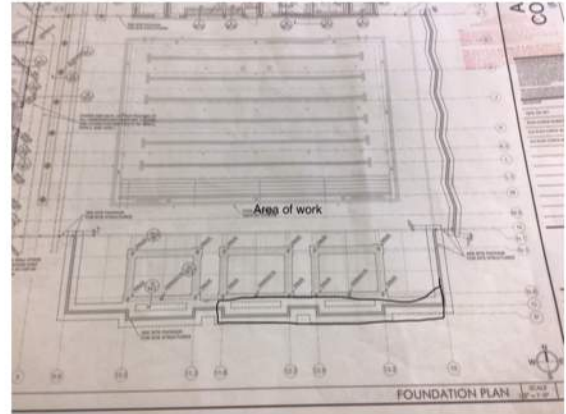
Representing Company *Company Name*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Approved plans



[Signature]
Acknowledged By *Signature*

Hamel Contracting Inc
Representing Company *Company Name*

[Signature]
Kleinfelder Representative *Signature*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Work for the day



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Mortar mix



[Handwritten Signature]

Acknowledged By *Signature*

Hamel Contracting Inc

Representing Company *Company Name*

[Handwritten Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*



Daily Field Report - Nov 25, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Construction Inc
Equipment: Padel mixer, concrete saw, various hand tools

64°F, Clear
Time Start: 06:45 AM Time Stop: 03:00 PM
Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Masonry

Report items
Comply

Documents Referenced:

Approved site plans, approved on Aug 21, 2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc Superintendent) and with Sergio (Haxton Masonry Inc) to discuss the days work for CMU placement and observation.

Haxton Masonry Inc (Haxton) had an 8 men crew, who continued placement of 6" CMU block for courses 10 through 18 along grids line P:11.3-10.5 and courses 10-18 at grid line O:10.5-8.9, courses 10-18 at grid line 8.9:O-N. All reinforcement placed was placed per detail (4) on S1.2 and typical detail (3) on S4.11. Colored block was placed per detail (3) on A3.3. I verified that reinforcement grade, size, laps and bends met minimum coverage and length requirements of the contract documents.

Haxton began placement of #4s @16" on center for the vertical reinforcement per detail (4) on S1.2 and the #5s at the corners and top of wall reinforcement per typical detail (3) on S4.11 in the CMU wall at grid lines N-P between 15-8.9. I verified that the clean outs were clean and that the mortar fins had been removed. Haxton then closed the clean outs.

Prior to and during block placement, I observed a total of (17) 80lb bags of IWR Type S mortar get mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 mins by paddle mixer with a sufficient amount of water to get to a work able consistency. Haxton then transfer the mix by wheelbarrow to the work area. I monitored the time and temp of the mix after initial mixing and confirmed mortar was used in the allotted time frame during CMU placement.

Work Observed for the day met the minimum requirements of the contract documents. The CMU walls east and south of the pool meet minimum requirements of the contract documents and are complete and ready for grouting.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Construction Inc

Representing Company *Company Name*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Mortar Mix



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*

[Signature]

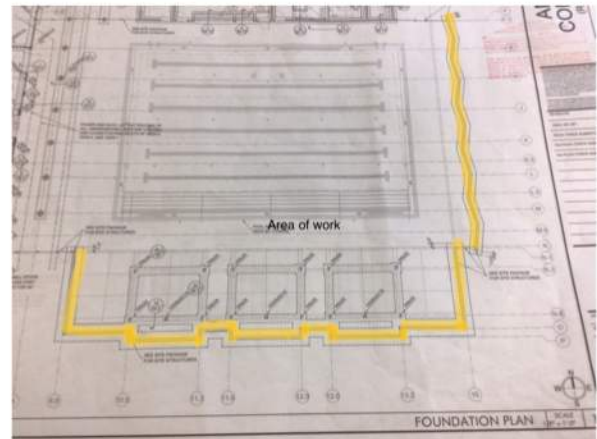
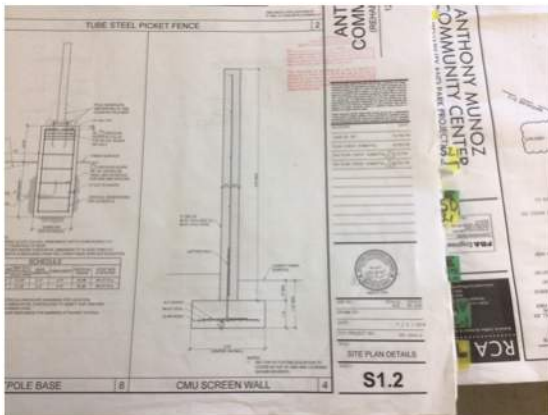
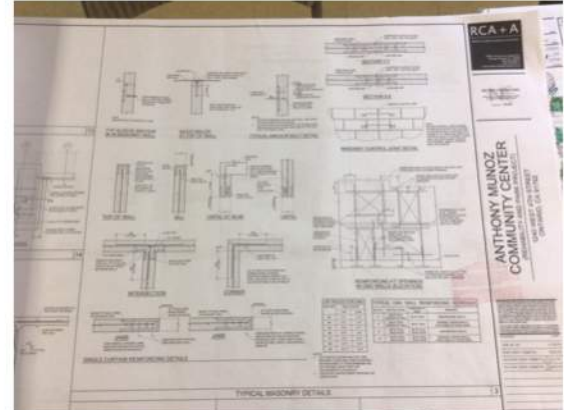
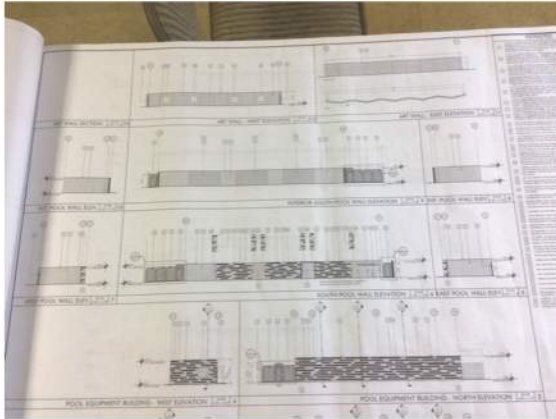
Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Approved plans



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc
Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Work for today



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 4: Clean outs and vertical rebar placement



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*



Daily Field Report - Nov 30, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA 77°F, Clear
Contractor: Hamel Construction Inc Time Start: 06:45 AM Time Stop: 02:45 PM
Equipment: T/A concrete pump, Minnich vibrator, ious hand tools Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Masonry

Report items
Comply

Documents Referenced:

Approved site plans, approved on Aug, 21st 2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc Superintendent) and with Sergio (Haxton Masonry Inc) to discuss the days work for CMU placement and observation.

Haxton Masonry Inc (Haxton) had an 7 men crew start the day by staging equipment to began placement of grout. Haxton used Robertson's as their grout supplier front their Rialto Ca location. Haxton used a 3000psi grout mixture with a 9" + 1" slump, mix design #61833, 3/8" max aggregate. Two bags of R-Crete GA213 R-Grout AID and 20 gallons of water were added to each of the (3) trucks prior to discharge from truck. I observed grout placement in the CMU wall at grid lines N-P:8.9-15 and East of grid line 15:N-F. Grout was placed using a 2" T/A 650 concrete pump trailer and was consolidated and re-consolidated using a Minnich Stinger vibrator. I took (1) set of (4) grout samples from the 2nd truck. Samples were taken from the middle 3rd of the truck. See Compression Testing Summary for sample details.

Haxton had a (3) man crew placed the capping blocks on top of the CMU walls at grid lines N-P:8.9-15 and at East of grid line 15:N-F.

Prior to and during capping block placement, I observed a total of (6) 80lb bags of IWR Type S mortar get mixed to the manufacturers recommendations. Each batch of mortar was mixed for 5 mins by hand with a sufficient amount of water to get to a work able consistency. Haxton then transfer the mix by wheelbarrow to the work area. I monitored the time and temp of the mix after initial mixing and confirmed mortar was used in the allotted time frame during CMU placement.

Work Observed for the day met the minimum requirements of the contract documents. The grout placed in the CMU walls and placement of the capping blocks east and south of the pool meet minimum requirements of the contract documents and are complete.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Construction Inc

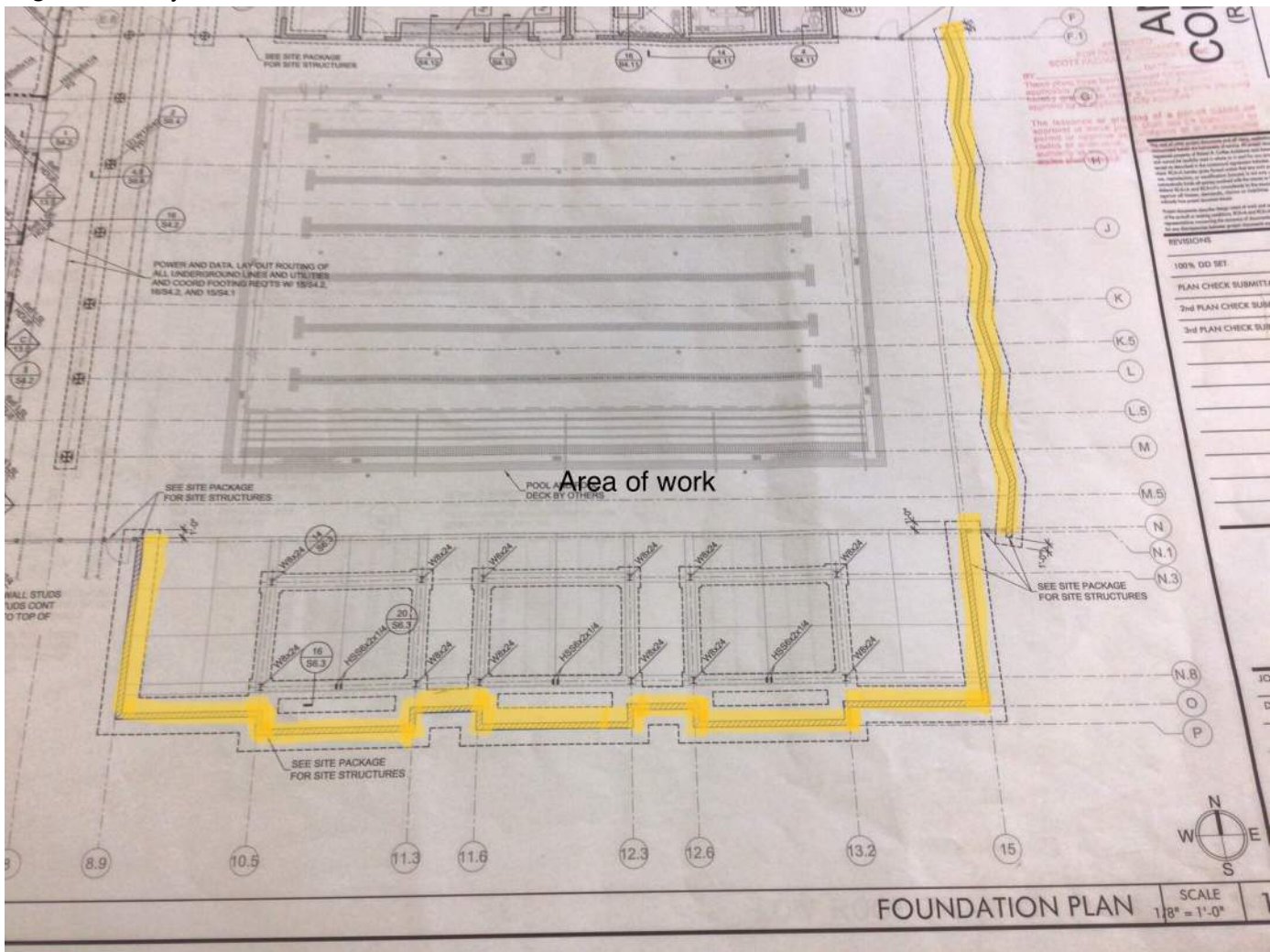
Representing Company *Company Name*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Work lay out



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Truck Ticket #1

THIS IS NOT A TICKET NO. CONTROL NUMBER **5868879**

ROBERTSON'S
Phone 800/834-7557 San Diego 800/870-1220

WATER TITRICK CONT. OPEN 7 DAYS

PLANT DATE CUSTOMER NO. SOLD TO
24 11/30/20 61740 HAXTON MASONRY INC (AZ)

TX CD DELIVERY ADDRESS & INSTRUCTIONS
1240 W 4TH ST MOUNTAIN AVE ONTARIO (958) 344-6174 LAST TKS

ORDER NO. Job Phone : (928) 941-0834 7" CL TRUCK LIC NO. 25882L1

LOAD NO. 157 700.00 TRUCK 7:14 DRIVER 25882L1

TO JOB 223 9.00 DUM TRUCK 1431 8962 BROWN, ZACHARY GROUT UNDER PANELS

ON JOB 8x 12-c Water added on job at Customer's request: gals to Full Ld. gals to 2/3 Ld. gals to 1/3 Ld. ADJ. Meter

START POUR FINISH POUR LEAVE JOB

APPROVE PLANT Signature certifying under penalty of perjury that the information contained in this written time record is true and correct.

EMP # 8762 SIGNATURE

TERMS AND CONDITIONS OF SALE
Customer agrees that the described material has been chosen solely by Customer without Robertson's direction, or review of any plans or specifications relating to the project(s) where the material is to be used. Customer further agrees that it shall be solely responsible for the delivery location, and discharge/disposal of material on the job site, including the on-site direction of Robertson's vehicles to the designated location. Customer's review and approval of the described material shall be evidenced by Customer's signature and/or placement of the described material on the job site. In consideration of the above, Customer releases and agrees to defend, indemnify and hold Robertson's and its employees and agents harmless from any and all losses, damages, liabilities, costs and claims asserted by Customer or any third party, arising from its material being inappropriate, incompatible, improper or inconsistent with plans and specifications, or with the ground soils or conditions on the land where the material is utilized; and (6) the movement of Robertson's vehicles upon or about the delivery location. Solely to the extent Customer fails to timely pay for the described materials, in the event Robertson's retains the services of an attorney, Customer agrees to pay such reasonable attorney's fees incurred by Robertson's in furtherance of such collection efforts. Robertson's and Customer disclaim any liability arising from any other contract. Customer agrees to pay a late price differential of 1.5 % per month on any amounts owed to Robertson's for more than thirty (30) days. **Color Disclaimer** Due to irregularities and/or inconsistency of materials Robertson's is not responsible for the results of any concrete where the coloring agent has been added at the request of the customer, either at our plant or on the job site.

LD QTY	CUM QTY	ORD QTY	PROD CODE	MIX AND COMMODITY	UOM	UNIT PR	AMT
10.00	10.00	30.00	61833	GROUT PER C476 3000PSYD3			

H2O ALLOWED 500.00 GAL
H2O BATCHED 283.00 GAL
MOISTURE H2O 66.00 GAL
MAX ADD H2O 151.00 GAL
CEMENT 6550.00 LB
3/8 AGG 10600.00 LB
W SAND 16320.00 LB

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 commencing with Section 12700 of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

ROBERTSON'S WEIGHMASTER
BY DEPUTY Hector Hernandez

CONCRETE DELIVERY TICKET
PO BOX 3600 CORONA, CA 92878-3600

AGREED TO AND RECEIVED BY CUSTOMER

TAX PREVIOUS BALANCE SUB TOTAL STAND BY CHARGE TOTAL

[Signature]

Acknowledged By Signature

Hamel Construction Inc
Representing Company Company Name

[Signature]

Kleinfelder Representative Signature

Chris Rice
Kleinfelder Representative Print Name

Plans and Markups

Fig. 3: Truck Ticket #2

ROBERTSON'S
Phone 800/834-7557 San Diego 800/870-1220
WWW.ROBERTSON.COM
OPEN 7 DAYS

CONTROL NUMBER **5868889**

PLANT DATE CUSTOMER NO. SOLD TO: MAP PAGE TICKET NO.
TX CD 11/30/20 61740 HAXTON MASONRY INC (AZ) 50135 568889
DELIVERY ADDRESS & INSTRUCTIONS CUSTOMER PO / JOB OR LOT #
1240 W 4TH ST MOUNTAIN AVE ONTARIO 2020-04 2020-04
Job Phone: (928) 941-0834 7" SL (928) 344-6174 LAST TRS 1431

ORDER NO. 157 700.00 TRUCK 7:53 25978L1
LOAD NO. 2 9.00 1327 9187 GUADALUPE, ARMANDO GROUT UNDER PANELS
TO JOB 8:11 Job-site Cylinder Test: ST ☒ Yes TIME ON JOB MIN. CHECK #
ON JOB 8:51 2/5 Water added on job at MIN. CHECK ☐ AMOUNT BY
START POUR Customer's request: RATE OF XS PER MIN. CASH ☐ AMOUNT BY
FRESH POUR gals to Full Ld. PLANT MGR SIG
LEAVE JOB gals to 2/3 Ld. 4 min. per yd. unloading time allowed.
ADJ. Meter Additional unloading time charged at current hourly truck rate.

ARRIVE PLANT Signature certifying under penalty of perjury that the information contained in this written time record is true and correct.
EMP # 9167 SIGNATURE [Signature]
TERMS AND CONDITIONS OF SALE
Customer agrees that the described material will be delivered to the designated location, where the material is to be used. Customer further agrees that it shall be solely responsible for the delivery location, and discharge of material on the job site, including the on-site direction of Robertson's vehicles to the designated location. Customer's review and approval of the described material shall be evidenced by Customer's signature and/or placement of the described material on the job site. Customer's review and approval of the described material shall be evidenced by Customer's signature and/or placement of the described material on the job site. Customer's review and approval of the described material shall be evidenced by Customer's signature and/or placement of the described material on the job site.

LD QTY	CUM QTY	ORD QTY	PROD CODE	MIX AND COMMODITY	UCM	UNIT PR	AMT
10.00	20.00	30.00	61833	GROUT PER C475 3000PSYD3			

H2O ALLOWED 500.00 GAL
H2O BATCHED 341.50 GAL
MOISTURE H2O 76.00 GAL
MAX ADD H2O 82.50 GAL
CEMENT 6610.00 LB
3/8 AGG 10630.00 LB
W SAND 16560.00 LB

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 1, commencing with Section 12700 of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

ROBERTSON'S WEIGHMASTER
BY DEPUTY: Hector Hernandez
CONCRETE DELIVERY TICKET
PO BOX 3600 CORONA, CA 92878-3600

AGREED TO AND RECEIVED BY CUSTOMER: [Signature]
TOTAL

Acknowledged By Signature

Hamel Construction Inc
Representing Company Company Name

Kleinfelder Representative Signature

Chris Rice
Kleinfelder Representative Print Name

Plans and Markups

Fig. 4: Truck Ticket #3

THIS IS NOT A TICKET NO.

CONTROL NUMBER **5868897**

ROBERTSON'S
Phone 800/834-7357 San Diego 800/870-1220
WWW.ROBERTSON.COM
OPEN 7 DAYS

PLANT DATE CUSTOMER NO. SOLD TO: MAP PAGE TICKET NO.
TX CD. 11/30/20 61740 HAXTON MASONRY INC(AZ) 60136 5868897
DELIVERY ADDRESS & INSTRUCTIONS CUSTOMER PO. / JOB OR LOT #

1240 W 4TH ST 2020-04 2020-04
MOUNTAIN AVE ONTARIO (928)344-6174 LAST TKS 1327
Job Phone # (928)941-0834 7" SL 1431

ORDER NO. METER READING TIME TYPED TRUCK UC NO.
157 700.00 8:23 67092X1
LOAD NO. SLUMP TRUCK DRIVER
3 9.00 1861 1592 GAMEROS, PATRICK - (HGRUT UNDER PANELS)

TO JOB 830 120 140 40
ON JOB 855 120 140 40
START POUR 745 207 40
FINISH POUR
LEAVE JOB

ARRIVE PLANT
Signature certifying under penalty of perjury that the information contained in this written time record is true and correct.

EMP # 1592 SIGNATURE

Customer agrees that the described material has been chosen solely by Customer without Robertson's direction, or review of any plans or specifications relating to the project(s) where the material is to be used. Customer further agrees that it shall be solely responsible for the delivery location, and discharge/placement of material on the job site, including the on-site direction of Robertson's vehicles to the designated location. Customer's review and approval of the described material shall be evidenced by Customer's signature and/or placement of the described material on the job site. In consideration of the above, Customer releases and agrees to defend, indemnify and hold Robertson's and its employees and agents harmless from any and all losses, damages, liabilities, costs and claims asserted by Customer or any third party, arising from (i) material being inappropriate, incompatible, improper or inconsistent with plans and specifications, or with the ground soils or conditions on the land where the material is utilized; and (ii) the movement of Robertson's vehicles upon or about the delivery location. Solely to the extent Customer fails to timely pay for the described materials, in the event Robertson's retains the services of an attorney, Customer agrees to pay such reasonable attorney's fees incurred by Robertson's in furtherance of such collection efforts. Robertson's and Customer disclaim attorney's fees arising from any other context. Robertson's is not responsible for the results of any concrete where the coloring agent has been added at the request of the customer, either at our plant or on the job site.

LD QTY CUM QTY ORD QTY PROD CODE MIX AND COMMODITY UOM UNIT PR AMT

10.00 30.00 30.00 61833 GROUT PER C476 3000PSYD3

H2O ALLOWED 500.0GAL
H2O BATCHED 283.5GAL
MOISTURE H2O 66.0GAL
MAX ADD H2O 150.5GAL
CEMENT 6520.0LB
3/8 AGG 10720.0LB
W SAND 16480.0LB

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

ROBERTSON'S WEIGHMASTER
BY/DEPUTY
Hector Hernandez

TAX
PREVIOUS BALANCE
SUB TOTAL
STAND BY CHARGE
TOTAL

UOM CONVERSION C=TONS P=POUNDS Q=QUINTALS L=LITERS M=MILLILITERS
CONCRETE DELIVERY TICKET
PO BOX 3600 CORONA, CA 92678-3600

AGREED TO AND RECEIVED BY CUSTOMER

[Signature]

Acknowledged By Signature

Hamel Construction Inc
Representing Company Name

[Signature]

Kleinfelder Representative Signature

Chris Rice
Kleinfelder Representative Print Name

Plans and Markups

Fig. 5: Grout placement, consolidation and re-consolidation



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc
Representing Company *Company Name*

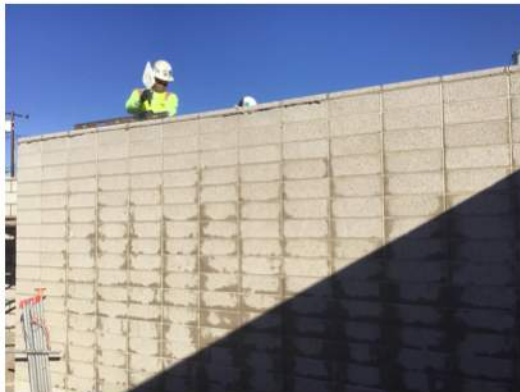
[Signature]

Kleinfelder Representative *Signature*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 6: Capping placement



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc
Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice
Kleinfelder Representative *Print Name*



Sampling & Testing Log

Nov 30, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Supplier: Robertsons 1 set(s) of Masonry Grout cast
Mix Design #: 61833
Building Element: Masonry Wall
General Location: CMU Wall South of Pool

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
1327 / 5868889 / 2	10	8:11am	9:15am	9:30am	64	10			66.8	63	20	4
Specific Location: Grid line P between 11.6-12.3 course 8-18												



Daily Field Report - Dec 1, 2020

by Jacob Collins for Anthony Munoz Community Center

DFR #: 12/1/2020
KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA 74°F, Clear
Contractor: Hamel Time Start: 07:00 AM Time Stop: 02:30 PM
Equipment: CAT 140H Blade; Bomag BW211D-50 Single Drum Roller, Komatsu
WA380 Loader, CAT 613C Scraper, Sterling 500 gallon Water Truck, Traveled .5 hrs, 4 mi.
Deere 210L EP Loader

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
In Progress

Documents Referenced:

C-1.01, C-1.02, A0.6, A0.7

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide soil observation and testing.

Ironclad Engineering was onsite performing fill operations at the north parking area. I observed soil from the on-site stockpile to be thoroughly mixed, moisture conditioned, and placed in 8 in. loose lifts to approximately +1'0" by a Komatsu WA380 Loader for the first part of the day, with placement after 12:00PM by a CAT 613C scraper. Compaction efforts were applied by rubber tire rolling with follow-up compaction provided by a Bomag BW211D-50 single drum roller. Soil at areas to receive asphalt were compacted to minimum 95% at the top 1'0", with planter islands compacted to 90%. Fine grading was accomplished utilizing a CAT 140H blade.

I performed (5) density tests with (5) tests meeting the minimum compaction requirements.

Work is on going.

I picked up nuclear gauge 4482 from the Kleinfelder lab at 6:45AM and returned it at 2:45PM.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Fill operations at the north parking area.



Fig. 2: Fill operations with stockpile in background.



Fig. 3: Scraper being utilized to perform fill operations



[Handwritten Signature]

Acknowledged By *Signature*

Hamel

Representing Company *Company Name*

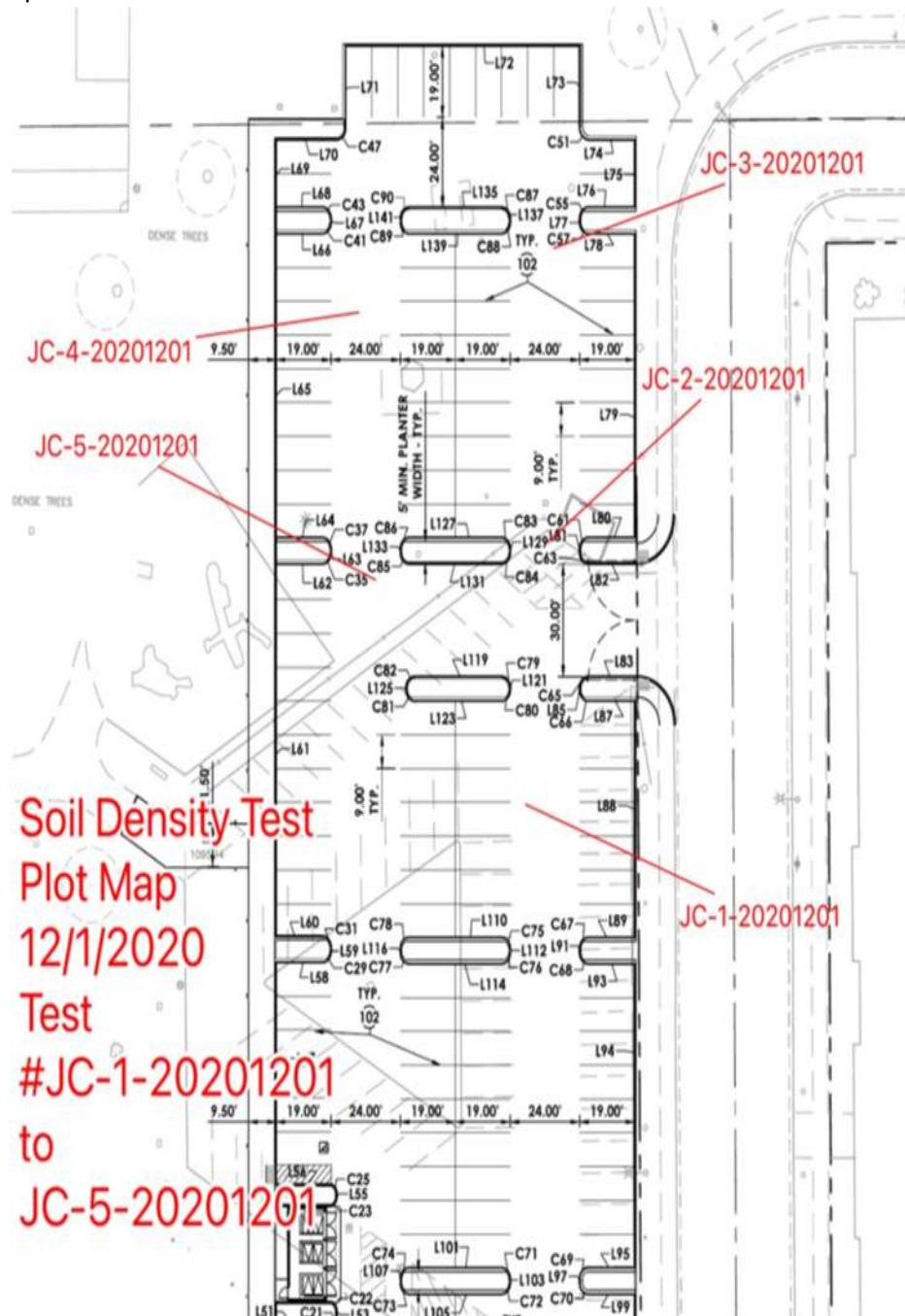
[Handwritten Signature]

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*

Density test plot map





Soil Density Report - Dec 1, 2020

DFR #: 12/1/2020
KLF Project #: 20210301.001A

by Jacob Collins for Anthony Munoz Community Center

General Location: North parking area

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M380804482

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 12/1/20

Date of Calibration: 9/11/2020

Density Std. Count: 31440

Moisture Std. Count: 8608

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
JC-1-20201201	8	/ 0	20-ONT-00519.1	129.0	7.9	95	6.9 - 8.9	7.3	123.8	96
	Location:		N34°04.750' W117°40.396'							
JC-2-20201201	8	/ 0	20-ONT-00519.1	129.0	7.9	95	6.9 - 8.9	7.3	122.6	95
	Location:		N34°04.763' W117°40.399'							
JC-3-20201201	8	/ 0	20-ONT-00519.1	129.0	7.9	95	6.9 - 8.9	7.7	124.6	96.6
	Location:		N34°04.763' W117°40.399'							
JC-4-20201201	8	/ 0	20-ONT-00519.1	129.0	7.9	95	6.9 - 8.9	7.6	126.5	98.1
	Location:		N34°04.761' W117°40.405'							
20201201-0917-JC-5	8	/ 0	20-ONT-00519.1	129.0	7.9	95	6.9 - 8.9	7.5	123.8	96
	Location:		N34°04.789' W117°40.397'							



Daily Field Report - Dec 1, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

79°F, Clear

Contractor:

Time Start: 12:00 PM Time Stop: 12:00 PM

Traveled .5 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 4 (3"x6") grout compressive strength test specimens cast 11/30/20 were picked up and transported to the Kleinfelder Ontario lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Dec 2, 2020

by Jacob Collins for Anthony Munoz Community Center

DFR #: 12/2/2020
KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA 74°F, Clear
Contractor: Hamel Time Start: 07:00 AM Time Stop: 02:30 PM
Equipment: CAT 140H Blade; Bomag BW211D-50 Single Drum Roller, Komatsu
WA380 Loader, CAT 613C Scraper, Sterling 500 gallon Water Truck, Traveled .5 hrs, 4 mi.
Deere 210L EP Loader

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
In Progress

Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; C-1.01, C-1.02, A0.6, A0.7

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide soil observation and testing.

Ironclad Engineering was onsite performing fill operations at the north parking area south of previous days work. I observed soil from the on-site stockpile to be thoroughly mixed, moisture conditioned, and placed in 8 in. loose lifts to approximately +1'0" by a CAT 613C scraper. Compaction efforts were applied by rubber tire rolling with follow-up compaction provided by a Bomag BW211D-50 single drum roller. Soil at areas to receive asphalt were compacted to minimum 95% at the top 1'0", with planter islands compacted to 90%. Fine grading was accomplished utilizing a CAT 140H blade, along with cutting in curb faces.

I performed (4) density tests with (4) tests meeting the minimum compaction requirements.

Work is on going.

I picked up nuclear gauge 4482 from the Kleinfelder lab at 6:45AM and returned it at 2:45PM.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel

Representing Company *Company Name*

Jacob Collins

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Compaction being applied by a Bomag single drum roller



Fig. 2: Moisture conditioning of soil



Fig. 3: Fine grading by CAT 140H blade



[Signature]

Acknowledged By *Signature*

Hamel

Representing Company *Company Name*

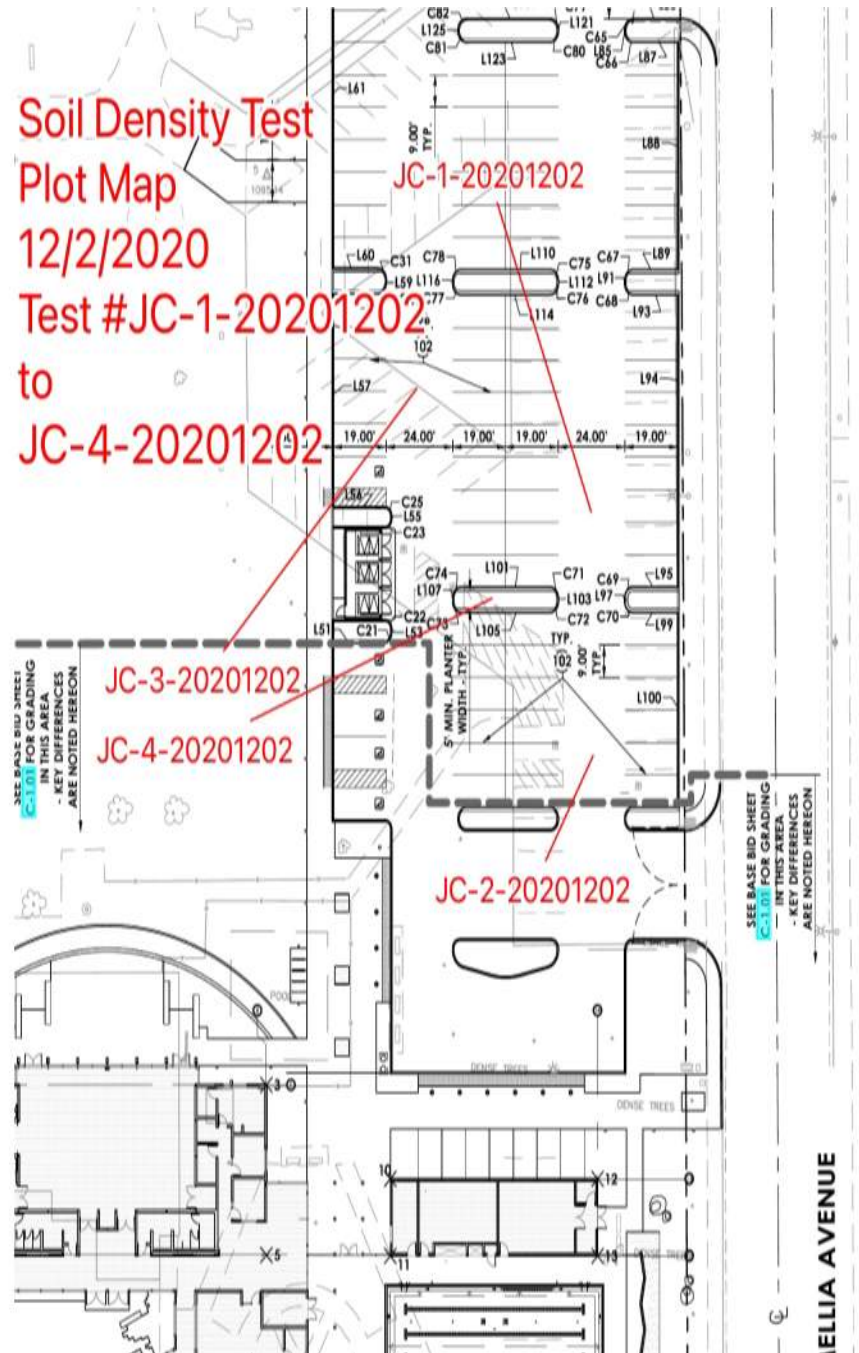
[Signature]

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*

Soil density plot map





Soil Density Report - Dec 2, 2020

DFR #: 12/2/2020
KLF Project #: 20210301.001A

by Jacob Collins for Anthony Munoz Community Center

General Location: North parking area

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M380804482

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 12/2/20

Date of Calibration: 9/11/2020

Density Std. Count: 31576

Moisture Std. Count: 8554

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
JC-1-20201202	8	/ 0	20-ONT-00519.1	129.0	7.9	95	6.9 - 8.9	7.8	125.3	97.1
	Location:		N34°04.744' W117°40.398'							
JC-2-20201202	8	/ 0	20-ONT-00519.1	129.0	7.9	95	6.9 - 8.9	6.5	123.9	96
	Location:		N34°04.736' W117°40.402'							
JC-3-20201202	8	/ 0	20-ONT-00519.1	129.0	7.9	95	6.9 - 8.9	7.1	124.2	96.3
	Location:		N34°04.740' W117°40.408'							
JC-4-20201202	8	/ 0	20-ONT-00519.1	129.0	7.9	90	6.9 - 8.9	6.9	118.9	92.2
	Location:		N34°04.735' W117°40.401'							



Daily Field Report - Dec 3, 2020

by Jacob Collins for Anthony Munoz Community Center

DFR #: 12/3/2020
KLF Project #: 20210301.001A
Building Permit #: B201901497;
B201901543

Client: City of Ontario, CA 74°F, Clear
Contractor: Hamel Time Start: 07:00 AM Time Stop: 10:00 AM
Equipment: CAT 140H Blade; Bomag BW211D-50 Single Drum Roller, Komatsu
WA380 Loader, CAT 613C Scraper, Sterling 500 gallon Water Truck, Traveled .5 hrs, 4 mi.
Deere 210L EP Loader

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved Contract Documents and Job Specifications; Architectural and Structural Drawings (see body of report); Civil Plans; 2016 CBC Governing Codes; C-1.01, C-1.02, A0.6, A0.7

Observations/Remarks:

I arrived at the Anthony Munoz Community Center located at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. Superintendent Tom Hanrahan to provide soil observation and testing.

I was on standby for 3 hours prior to being informed by Ironclad Engineering that my services would not be needed for the day.

I informed Tom Hanrahan prior to my departure.

I picked up nuclear gauge 4482 from the Kleinfelder lab at 6:45AM and returned it at 10:15AM.

Acknowledged By *Signature*

Hamel

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jacob Collins

Kleinfelder Representative *Print Name*



Daily Field Report - Dec 4, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA 72°F, Clear
Contractor: Hamel Construction Inc Time Start: 07:45 AM Time Stop: 03:45 PM
Equipment: Komatsu WA380 front loader, Deere 210C front loader, Water Truck, Bomag BW 211D-50 Vibrating Roller Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved Site Plans, approved on Aug 21st 2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc, Superintendent) and with Rob (Iron Clad Inc, Foreman) to discuss the days work for soils observation and density testing.

Iron Clad Inc (ICI) had a (3) man crew began the over excavation for the future playground at the north west side of the parking lot. ICI used the Komatsu WA380 front loader (front loader) to began excavation of areas A-D. ICI excavated approximately 4' down and stock piled the spoils. The spoils were moisture conditioned using the water truck. ICI used the Deere 210C front loader to scarify approximately 8" of the bottom and used the water truck to moisture condition the soil. ICI used a Bomag BW 211D-50 vibrating roller (vibrating roller) to achieve compaction. I probed the bottom using a steal "T" handle probe and confirmed the soil was firm and stable. ICI used the front loader to began backfilling in approximately 8" lifts from the stock pile of spoils. As each lift was placed, ICI used the water truck to moisture condition the soil. ICI used the vibrating roller on each lift to achieve compaction. I probed each lift to confirm the soil was firm and stable. I took one density test, with a nuclear density gauge, on the 3rd lift and final lifts and confirmed they met the 95% compaction recommendation. See Density Testing Sheet for test results. Work is complete for the over excavation of the play ground area.

Haxton Masonry Inc had previously cut the control joints in the CMU wall on the East and South side of the pool. Tom (Hamel Construction Inc, Superintendent) ask me to verify the work. Control Joints for the wall South of the pool where cut at the corners of grid lines O:15, P:13.2, P:12.6, P:12.3, P:11.6, P11.3, P:10.5, O:8.9, and for the wall East of the Pool at the angles between grid lines G:H, J:K, L:5:M. Locations of control joints are per the Engineer, Tom Nelison. Work for the CMU wall on the East and South side of the Pool is complete and meets the requirements of the approved plans

Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*

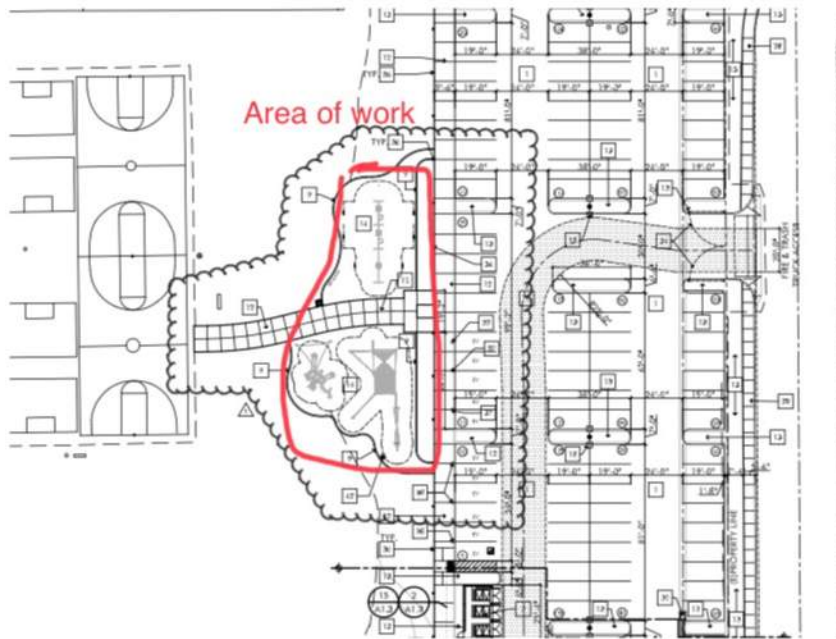
Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Area of work



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

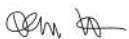
Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Area A excavation and moisture conditioning





Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*



Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Site excavation



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

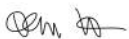
Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 4: Site excavation





Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*



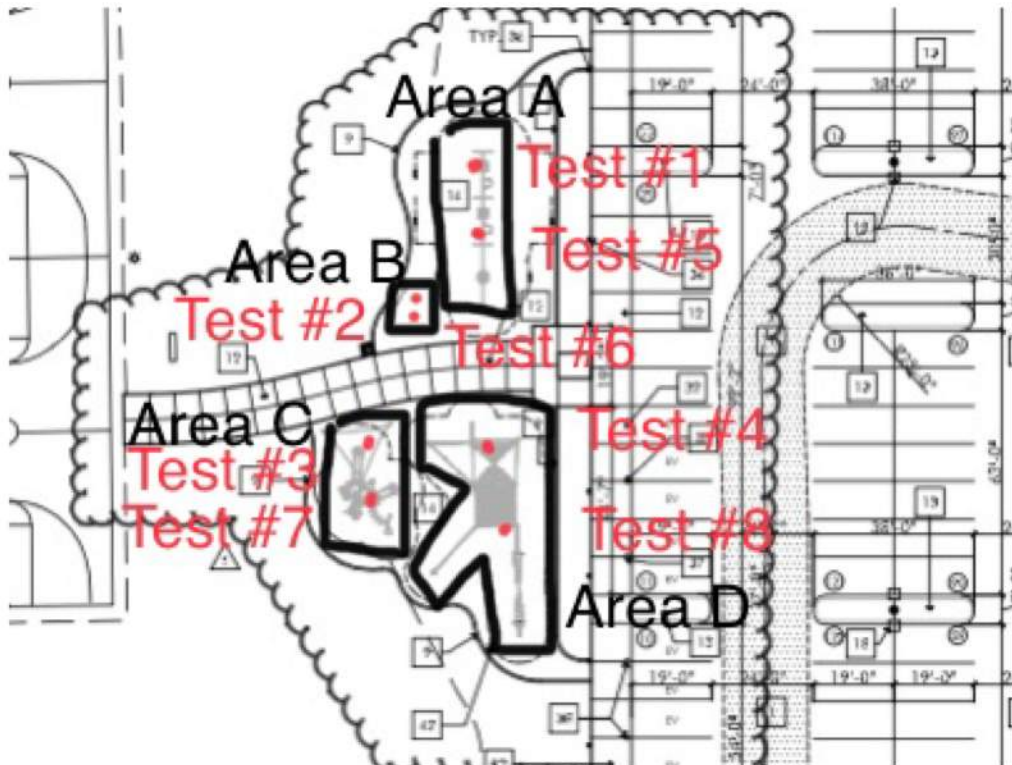
Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 5: Density Test Location



[Signature]

Acknowledged By *Signature*

Hamel Construction Inc

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*



Soil Density Report - Dec 4, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

General Location: Play ground nothside of parking lot

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M370703790

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 12/4/20

Date of Calibration: 6/17/2020

Density Std. Count: 25630

Moisture Std. Count: 9597

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20201204-0743-CR-1	8	/	20-ONT-00519.1	129.0	7.9	95	13.6 - 17.6	8.2	123.7	95.9
	Location:		Area A 3rd lift							
20201204-1551-CR-2	8	/	20-ONT-00519.1	129.0	7.9	95	13.6 - 17.6	5.9	124.6	96.6
	Location:		Area B 3rd lift							
20201204-1553-CR-3	8	/	20-ONT-00519.1	129.0	7.9	95	13.6 - 17.6	5.7	127.2	98.6
	Location:		Area C 3rd lift							
20201204-1554-CR-4	8	/	20-ONT-00519.1	129.0	7.9	95	13.6 - 17.6	8.5	124.8	96.7
	Location:		Area D 3rd lift							
20201204-1554-CR-5	8	/	20-ONT-00519.1	129.0	7.9	95	13.6 - 17.6	7.5	123.8	96
	Location:		Area A Final Lift							
20201204-1555-CR-6	8	/	20-ONT-00519.1	129.0	7.9	95	13.6 - 17.6	7	124.4	96.4
	Location:		Area B Final Lift							
20201204-1556-CR-7	8	/	20-ONT-00519.1	129.0	7.9	95	13.6 - 17.6	7.5	126.4	98
	Location:		Area C Final Lift							
20201204-1557-CR-8	8	/	20-ONT-00519.1	129.0	7.9	95	13.6 - 17.6	8.9	125.9	97.6
	Location:		Area D Final Lift							



Daily Field Report - Dec 17, 2020

KLF Project #: 20210301.001A

by Antonio Gonzalez for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel Contracting Inc.
Equipment: Concrete Truck & Various Hand Tools

61°F, Partly Cloudy
Time Start: 07:00 AM Time Stop: 12:00 PM
Traveled 30 mins. hrs, 4.0 mi.

Types of Tests/Observations Performed:

Concrete

Report items
Comply

Documents Referenced:

Mix Design & Specifications

Observations/Remarks:

Arrived onsite at Anthony Munoz Community Center 1240 West 4th St. Ontario, CA - For concrete testing and sampling. Met with Tom Hanraahn of Hamel Contracting Inc. & Salvador Valdez of Regan Paving to discuss plans and operations for the work day.

[Anthony Munoz Community Center North West Parking Lot A-Curb- Regan Paving]

Regan Paving crew began operations for the work day by placing concrete on North West Parking Lot A-Curb, estimated 10 CYDS to be placed on A-Curb. Concrete is from Holiday Rock out of Upland, CA 3,000 PSI Mix#3C30L602. Material placed via Tailgate/ Chute Method out of Concrete Mixer Truck. Tested for Slump & Temperature. Casted 1 set of 5 (6x12) Concrete Cylinders. Total of 5 samples casted. Total of 20 CYDS placed. See data sheet for more information on testing performed.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting Inc.- Tom Hanraahn
Representing Company *Company Name*

Antonio Gonzalez
Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Truck Ticket

ITEM	UNIT	QUANTITY	PRICE	TOTAL
CEMENT	YD	1.00	100.00	100.00
WATER	YD	1.00	10.00	10.00
SAND	YD	1.00	10.00	10.00
GRAVEL	YD	1.00	10.00	10.00
TOTAL				130.00

Fig. 2: Concrete Location -North West Parking Lot A-Curb



Fig. 3: Concrete Truck



Fig. 4: Concrete Placement - Via Tailgate/ Chute Method



[Signature]

Acknowledged By *Signature*

Hamel Contracting Inc.- Tom Hanraahn
Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Antonio Gonzalez
Kleinfelder Representative *Print Name*



Sampling & Testing Log

Dec 17, 2020

KLF Project #: 20210301.001A

by Antonio Gonzalez for Anthony Munoz Community Center

Supplier: Holiday Rock 1 set(s) of Concrete Cylinders cast
Mix Design #: 3C30L602 Specified Strength: **3000** psi @ days required
Building Element: Curb/Gutter
General Location: North West Parking Lot A-Curb

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
725 / 101171101 / 1	10 CYDS	7:35am	8:10am	8:50am	35	4.25	N/A	N/A	63	52	0	5
Specific Location: North West Parking Lot A-Curb												



Daily Field Report - Dec 18, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

62°F, Clear

Contractor:

Time Start: 09:40 AM Time Stop: 09:40 AM

Traveled 45 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 5 (6"x12") concrete compressive strength test specimens cast 12/17/20 were picked up and transported to the Kleinfelder Ontario lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Dec 18, 2020

KLF Project #: 20210301.001A

by Omar Molina for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamel
Equipment: BMP-8500 compactor

66°F, Clear
Time Start: 01:50 PM Time Stop: 03:50 PM
Traveled .5 hrs, 4 mi.

Types of Tests/Observations Performed:

Soil / Density Testing

Report items
Comply

Documents Referenced:

Plans and specifications

Observations/Remarks:

I arrived at Anthony Munoz Community Center at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting Inc. and met with superintendent Tom Hanrahan to discuss operations for the day.

[Ribbon Gutter compaction testing]

Prior to arrival contractor had already performed compaction on ribbon gutter(see plan markup for details). A Bomag-BMP 8500 was used to accomplish compaction in area tested. I used a calibrated nuclear density gauge to check compaction and moisture content. I performed a total of 5 density test to verify 95% relative compaction. All areas tested were found to meet or exceed the 95% compaction required(see data sheet for more details). All tests results were shared with Tom Hanrahan (superintendent).

Work was complete.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel

Representing Company *Company Name*

Omar Molina

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Ribbon Gutter worked on



Fig. 2: Equipment used for compaction



Fig. 3: Test performed



[Signature]
Acknowledged By *Signature*

Hamel
Representing Company *Company Name*

[Signature]
Kleinfelder Representative *Signature*

Omar Molina
Kleinfelder Representative *Print Name*



Soil Density Report - Dec 18, 2020

KLF Project #: 20210301.001A

by Omar Molina for Anthony Munoz Community Center

General Location: Ribbon Gutter

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M380704410

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 12/18/20

Date of Calibration: 10/19/2020

Density Std. Count: 31448

Moisture Std. Count: 8952

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20201218-1455-OM-1	8	/	20-ONT-00519	129.0	7.9	95	5.9 - 9.9	6.2	125.6	97.4
	Location:		See markup plan on DFR							
20201218-1455-OM-2	8	/	20-ONT-00519	129.0	7.9	95	5.9 - 9.9	6.4	125.9	97.6
	Location:		See markup plan on DFR							
20201218-1455-OM-3	8	/	20-ONT-00519	129.0	7.9	95	5.9 - 9.9	6.1	128.4	99.5
	Location:		See markup plan on DFR							
20201218-1455-OM-4	8	/	20-ONT-00519	129.0	7.9	95	5.9 - 9.9	5.9	126.4	98
	Location:		See markup plan on DFR							
20201218-1455-OM-5	8	/	20-ONT-00519	129.0	7.9	95	5.9 - 9.9	6.5	127.6	98.9
	Location:		See markup plan on DFR							



Daily Field Report - Dec 23, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Kar Construction
Equipment: Hand tools

70°F, Clear
Time Start: 06:30 AM Time Stop: 02:30 PM
Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Reinforcing Steel, Soil / Density Testing



Documents Referenced:

Approved site plans, approved on 10/18/2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc, Superintendent) and with Frank (Kar Construction, Foreman) to discuss the days work for foundation compaction and reinforcing bar placement.

Kar Construction (KC) had a (2) man crew placing reinforcing bars (rebar) for the Trash Enclosure on the south west corner of the parking lot. Upon arrival I took one density test, with the nuclear density gauge, and confirmed the sub grade for the foundation met the 95% compaction recommendation. (See Density Test Data Sheet for results). KC began placing rebar per detail (4) on S1.3 with horizontal #4's @16"oc and vertical #4's @ 16"oc with (2) #5 vertical jam bars at the corners and end of walls per detail (3) on S4.11. Anchor bolt template for gate posts were installed per (8) on S1.3. Reinforcing steel placement has been verified for reinforcing steel size, grade, lap, locations, clearances.

Kar Construction had a (2) man crew installing the tube forms and rebar cage for the (6) light pole bases along the center of the parking lot. The first (4) on the North end of the parking lot were inspected and approved by Matt Monteith (Supervising Building Inspector for City of Ontario). I observed the placement of the last (2), per Matt Monteith, on the south end of the parking lot. Rebar cage was per detail (8) on S1.2. Reinforcing steel placement has been verified for reinforcing steel size, grade, lap, locations, clearances.

Work Observed for the day met the requirements of the contract documents.

Acknowledged By *Signature*

Hamel Construction

Representing Company *Company Name*

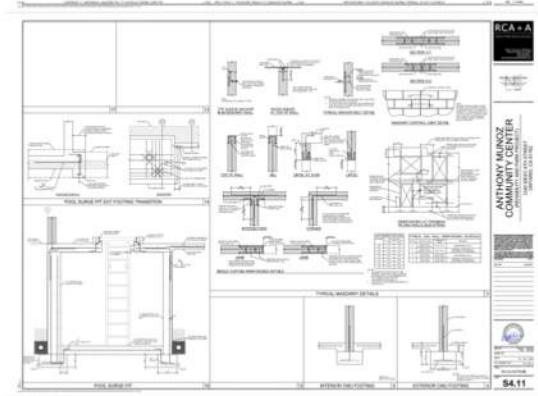
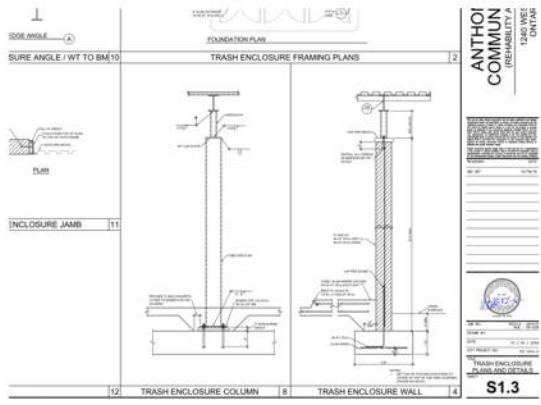
Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Approved plans



Acknowledged By *Signature*

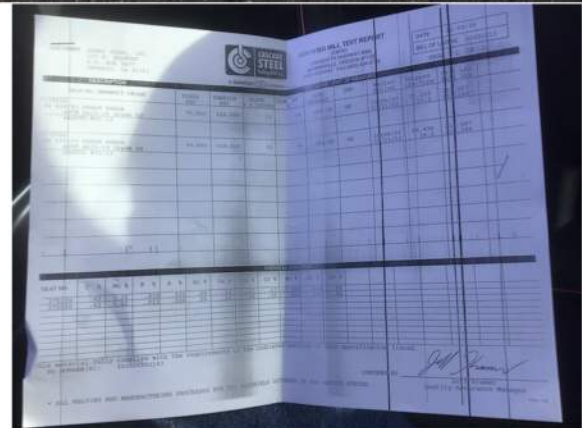
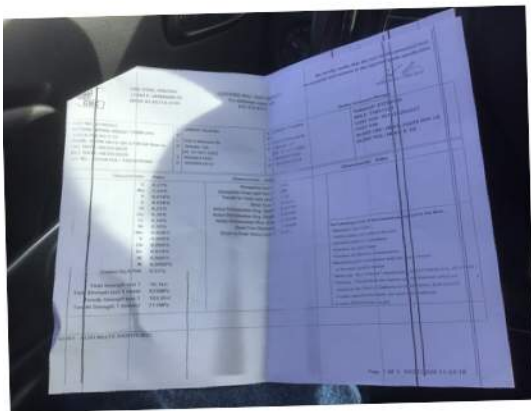
Signature
Kleinfelder Representative *Signature*

Hamel Construction
Representing Company *Company Name*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Mill Cert and Rebar Tags



[Handwritten Signature]

Acknowledged By *Signature*

Hamel Construction

Representing Company *Company Name*

[Handwritten Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Rebar Installation



[Signature]

Acknowledged By *Signature*

Hamel Construction

Representing Company *Company Name*

[Signature]

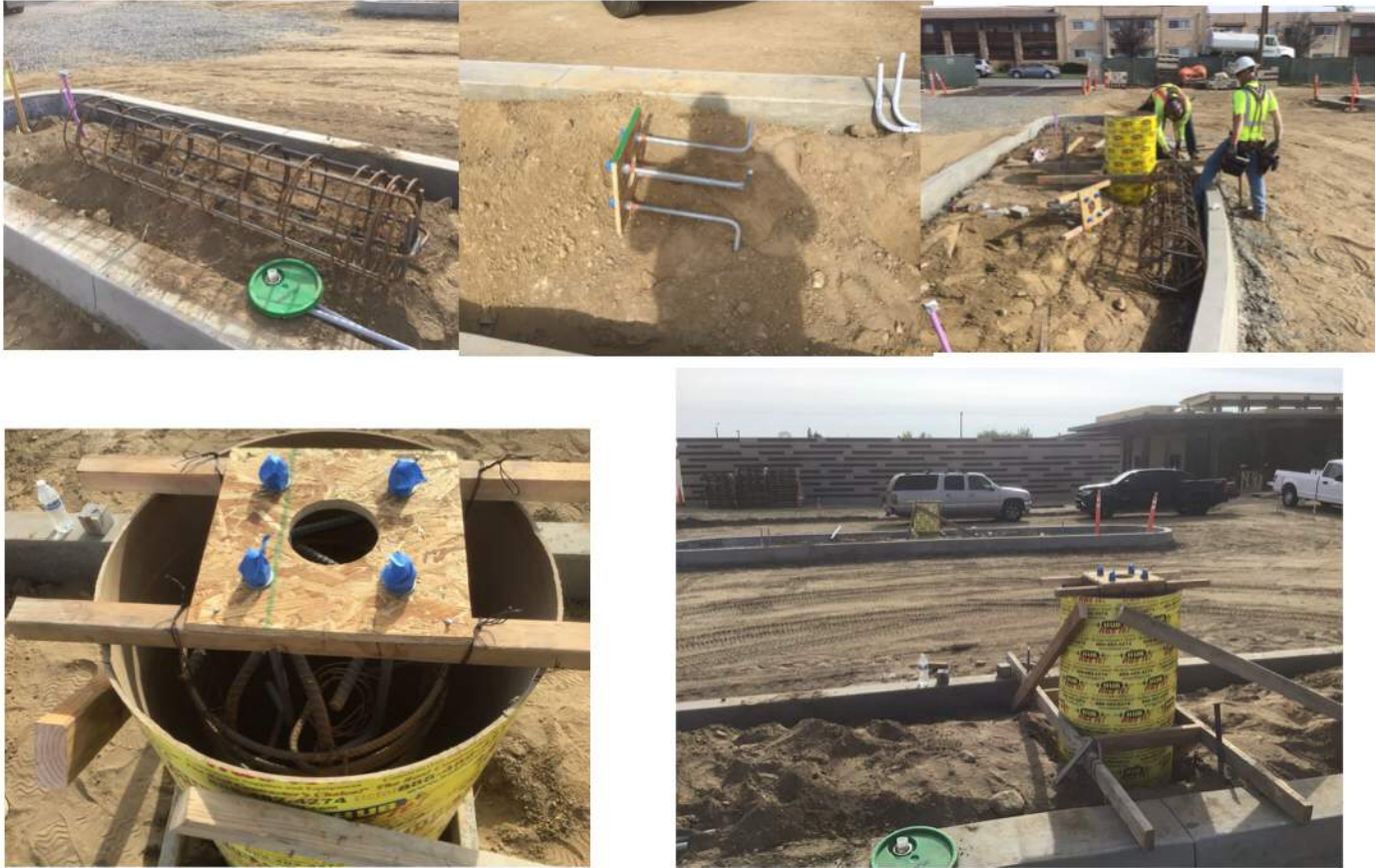
Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 4: Light post base installation



[Signature]

Acknowledged By *Signature*

Hamel Construction

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 5: Anchor bolt template instation



[Signature]

Acknowledged By *Signature*

Hamel Construction

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*



Soil Density Report - Dec 23, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

General Location: Trash Enclosure

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M370703790

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 12/23/20

Date of Calibration: 6/17/2020

Density Std. Count: 25465

Moisture Std. Count: 9519

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20201223-0723-CR-1	8	/	20-ONT-00519.1	129.0	7.9	90	4.9 - 10.9	8.1	122.9	95.3
	Location:		East side, middle of trash enclosure							



Daily Field Report - Dec 24, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA 66°F, Clear
Contractor: Kar Construction Time Start: 06:30 AM Time Stop: 09:30 AM
Equipment: Cement Truck, Mech Vibrator, Hand tools Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Concrete, Foundations



Documents Referenced:

Approved site plans, approved on 10/18/2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc, Superintendent) and with Frank (Kar Construction, Foreman) to discuss the days work for concrete placement.

Kar Construction (KC) began staging equipment for concrete pour. Reinforcing steel placement for the Trash Enclosure and Light Pole Bases has already been inspected and verified for reinforcing steel size, grade, lap, locations and clearances per details (4) & (8) on S1.3, detail (3) on S4.11, detail (8) on S1.2. KC used Holiday Rock as their concrete supplier from their Upland Ca location, with a mix design of 3C40L600, 4000psi 1.0" mix. Concrete placement is performed by tail gate.

Concrete sampling operations.

Concrete placement began and slump was taken for load #2. 13 gallons of water was added to load #1. Slump for load #2 met the 4" plus or minus 1" spec requirements. Samples were taken from middle third of the truck to create (1) set of (5) 6"x12" cylinders. A total of (5) cylinders were cast. A total of approximately (20) cubic yards were placed. Concrete placement for the Trash Enclosure and (6) Light Pole Bases is complete. After the cylinders were casted I cleaned up my equipment and loaded up my truck.

Acknowledged By *Signature*

Hamel Construction

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Truck Ticket #1

HOLIDAY ROCK
1937

Holliday Rock Co., Inc. • 1401 N Benson Ave • Upland, CA 91786 • (888) 273-2200

Material Shipped From
R/P # 1 F021411
2193 M PRODUCE BLVD
UPLAND, CA 91786

CONTROL #
2871986

SOLD TO:
H. A. R. CONSTRUCTION
1250 N 4TH ST.
B0019 ANTHONY MUNOZ COMMUNITY CENTER
B0019

INSTRUCTIONS
JULIE 797-821-1818 *000-019*

CURT NO.	RD	CURT JOB NO.	ORDER NO.	DATE	TIME	TICKET NO.
10000		0000000	01	12/24/2020	06:15	1171933

LOAD NO.	SAND MOIST	REG. SLUMP	5603371	MAP RD	DUE ON JOB	PREVIOUS TRUCK
				100	07:00	

TOTAL ORDERED	TOTAL SHIPPED	THIS TICKET	PRODUCT CODE	COMMODITY DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EXTENSION
10.00	10.00	10.00	3CAW-600	WEIGHT: 1" S. SAND TP	CU YARD		
0.00	1.00	1.00	CEHUTR	Cap Equip Fee	Each		
0.00	1.00	1.00	B0019	B0019 - PUBLIC WORKS FEE	Each		

BATCH WEIGHTS	WEIGHMASTER CERTIFICATE	TAX
B3 1000 11000.00	THIS IS TO CERTIFY THAT THE FOLLOWING MATERIAL WAS WEIGHED, INSPECTED, OR RECEIVED BY A WEIGHMASTER, UNDER REGULATION 4, OF THE CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, CHAPTER 1 CONCERNING THE WEIGHTS AND MEASURES ACT, AND THE CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, CHAPTER 1 CONCERNING THE WEIGHTS AND MEASURES ACT, AND THE CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, CHAPTER 1 CONCERNING THE WEIGHTS AND MEASURES ACT.	
B4 1000 3780	By: <u>Ismael, Carlos</u>	PREVIOUS BALANCE
N/C 0000	Signed By: <u>HOLIDAY ROCK CO., INC.</u>	SUB-TOTAL
CEMENT TYPE 11/V 7930.00		SHORTLOAD CHARGE
WATER 190.00		TICKET TOTAL
MOIST 2000.00		JOB TOTAL

12 PLANT 6.05 ADV JOB 6.55 START FOUR

DELIVERY RECEIPT

10

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Construction
Representing Company *Company Name*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Truck Ticket #2

HOLLIDAY ROCK
EST. 1937

Holliday Rock Co., Inc. * 1401 N Benson Ave * Upland, CA 91786 * (888) 273-2200

Material Shipped From:
B/P # 1 FOOTHILL
2193 W FOOTHILL BLVD
UPLAND, CA 91786

CONTROL #
THIS IS NOT A TICKET NO
2871992

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb of property line. No claims allowed unless made when material is delivered and receipted for. Steved charges on independent accounts. Buyer will pay reasonable costs of collection and attorney's fees.
As evidenced by signature, driver / carrier is responsible for the accuracy of this vehicle's tare weight. The driver / carrier will notify shipper / consignee if there is any change in light weight due to changes in equipment, loading, etc. Call 8 & P Code Section 12723 (a&b)

SOLD TO:
K. A. R. CONSTRUCTION
1240 W 4TH ST.
AB219 - ANTHONY MUNOZ COMMUNITY CENTER
ONTARIO

INSTRUCTIONS:
Justin 909-821-1010 **AB-219**

CUST. NO. HARCO	P.O.	CUST. JOB NO. 220-006	ORDER NO. 61	DATE 12/24/2020	TIME 06:58	TICKET NO. 181171540
TOTAL WATER	FREE WATER 120.70	BATCH WATER	ALLOW WATER 52.30	TRUCK NO. 628	LICENSE	DRIVER 1580 Soto, Freddy
LOAD NO. 2	SAND MOIST	REQ. SLUMP 4.00	5623406	MAP PG. 100	DUE ON JOB 07:23	PREVIOUS TRUCK 629

TOTAL ORDERED	TOTAL SHIPPED	THIS TICKET	PRODUCT CODE	COMMODITY DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EXTENSION
20.00	20.00	10.00	3C40L520	4000PSI 1" 0.50WCR TP	CU Yard		
0.00	2.00	1.00	CENVIR	Con Envir Fee	Each		
0.00	2.00	1.00	AB219	AB219 - PUBLIC WORKS FEE	Each		

BATCH WEIGHTS

#3 ASS	11880.00
#4 ASS 3/8"	5200.00
W/C SAND	14920.00
CEMENT TYPE 11/V	5910.00
WATER	182.00
POZZ 700M	206.00

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a registered authority of accuracy, as prescribed by Chapter 7 (commencing with Section 17000) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

By X Iniguez, Carlos Deputy
HOLLIDAY ROCK CO., INC.

Rec'd By Customer X
"STANDBY" TIME IS CHARGED AT \$2.00 PER MIN AFTER 4 MIN PER YARD FREE TIME
CUSTOMER ASSUMES RESPONSIBILITY FOR WATER ADDED ON JOB
CUSTOMER ASSUMES RESPONSIBILITY FOR PUBLIC WORKS REQUIREMENTS AND NOTICES
DEFINED IN LABOR CODE SECTION 17000, AS AMENDED BY AB-219 AND SB-606 SEC. 184.

I CERTIFY THAT THE INFORMATION I HAVE ENTERED ON THIS TICKET IS CORRECT.

Driver X

LV. PLANT	ARR. JOB	START POUR	STAND BY	END POUR	LV. JOB	ARR. PLANT	WATER ADDED ON JOB
-----------	----------	------------	----------	----------	---------	------------	--------------------

DELIVERY RECEIPT

Acknowledged By Signature

Kleinfelder Representative Signature

Hamel Construction
Representing Company Company Name

Chris Rice
Kleinfelder Representative Print Name

Plans and Markups

Fig. 3: Light Pole Base Concrete placement



[Signature]
Acknowledged By *Signature*

Hamel Construction
Representing Company *Company Name*

[Signature]
Kleinfelder Representative *Signature*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 4: Trash Enclosure Foundation Concrete Placement



[Signature]
Acknowledged By *Signature*

Hamel Construction
Representing Company *Company Name*

[Signature]
Kleinfelder Representative *Signature*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 5: Approved Mix Design

1420 S. Bon View Ave.
Ontario, CA 91761
David Simpson dsimpson@ontarioca.gov
909-395-2610

Constr. Manager: Hamel Contracting Inc.
26431 Jefferson Ave, Suite A
Murrieta, CA 92562
Office: 951-600-2783

Project Superintendent – Tom Hanrahan – thanrahan@hamelinc.com – 951-445-3178
Project Manager – Gavin Wakefield – gwakefield@hamelinc.com - 951-445-2915
Project Engineer – Brian Martinez – bmartinez@hamelinc.com - 951-870-7388
Senior Project Coordinator – Kelly Witz – kwitz@hamelinc.com - 858-335-3756
Billing: Summer Baker – sbaker@hamelinc.com – 951-600-2783

DSA Inspector:

Testing Lab.:

Architect: RCA + A
Contact: Robert Coffee – 949-760-8668

TRADE/SPEC#	SUBCONTRACTOR	CONTACT/PHONE
CONCRETE	Holiday Rock	
3C40L600 APPROVED 4-14-2020	4000psi, 1" agg., 0.50WCR	Grade Beams, Column Bases, Cruciform Bases, Surge Pit Walls, Surge Pit Lid, Curb-on-Slab, Equipment Pads, Pedestal
3C40L600 APPROVED 6-8-2020	4000psi, 1" agg., 0.50WCR 4" max slump	Continuous Footings, Pad Foundations, Slab-on-Grade
3C40L600 APPROVED 4-14-2020	4000psi, 1" agg., 0.50WCR	Site Wall Foundations, Cabana Footings, Seatwalls, Walls, Light Pole Footings, Flag Pole Footings
1S188N00 APPROVED 4-14-2020	2-SACK SLURRY	Slurry Fill @ Canopy Grade Beams/Cruciforms per details 15&16/S4.2
3C30L602 APPROVED 4-14-2020	3000psi, 1" agg., 0.55WCR	Site: Curbs, Gutters, Ramps


Acknowledged By *Signature*


Kleinfelder Representative *Signature*

Hamel Construction
Representing Company *Company Name*

Chris Rice
Kleinfelder Representative *Print Name*



Sampling & Testing Log

Dec 24, 2020

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Supplier: Holliday Rock Co., Inc.

1 set(s) of Concrete Cylinders cast

Mix Design #: 3C40L600

Building Element: Footing

General Location: Trash Enclosure and Light Pole bases

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
628 / 101171540 / 2	10	6:58am	8:05am	8:20am	67	5	N/A	N/A	64.3	55		5
Specific Location: Trash Enclosure South West end of Parking Lot												



Daily Field Report - Dec 28, 2020

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

48°F, Partly Cloudy

Contractor:

Time Start: 11:25 AM Time Stop: 11:25 AM

Traveled 45 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 5 (6"x12") concrete compressive strength test specimens cast 12/24/20 were picked up and transported to the Kleinfelder Ontario lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Jan 4, 2021

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA 66°F, Clear
Contractor: Terra Pave Time Start: 11:30 AM Time Stop: 04:30 PM
Equipment: Bomag BW141 AD & BW138 AD Vibrating rollers, Front Loader, Water Truck, Wacker Traveled .25 hrs, 4 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Approved Site Plans, approved on 10/18/2019

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc, Superintendent) and with Javier (Terra Pave Inc, Foreman) to discuss the days work for soils observation and density testing.

Terra Pave Inc (TPI) had a (6) man crew placing base for the proposed North Parking lot. TPI placed 4" of Class II Aggregate Base (base) for all parking stalls and 6" of Class II Aggregate Base (base) for the Fire lane on the East Side of the parking lot per requirements 1A & 1B on sheet C-1.02. Base was graded using a front loader and scrapper blade attached to the font loader and moisture conditioned using the water truck. Compaction was achieved by using either a Bomag BW141 AD or BW138 AD vibrating roller in a systematic pattern with observed over lap. The edges along curbs and ribbon gutters were compacted using a wacker. I took (15) density tests with a nuclear density gauge to confirm base compaction met the 95% compaction recommendation. All (15) density tests met the 95% compaction recommendation. See Soil Density Testing Data sheet for results.

Acknowledged By *Signature*

Terra Pave

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

by **Chris Rice** for **Anthony Munoz Community Center**

Plans and Markups

Fig. 1: Class II Agg Base delivery slip

[illegible]



Acknowledged By *Signature*



Kleinfelder Representative *Signature*

Terra Pave

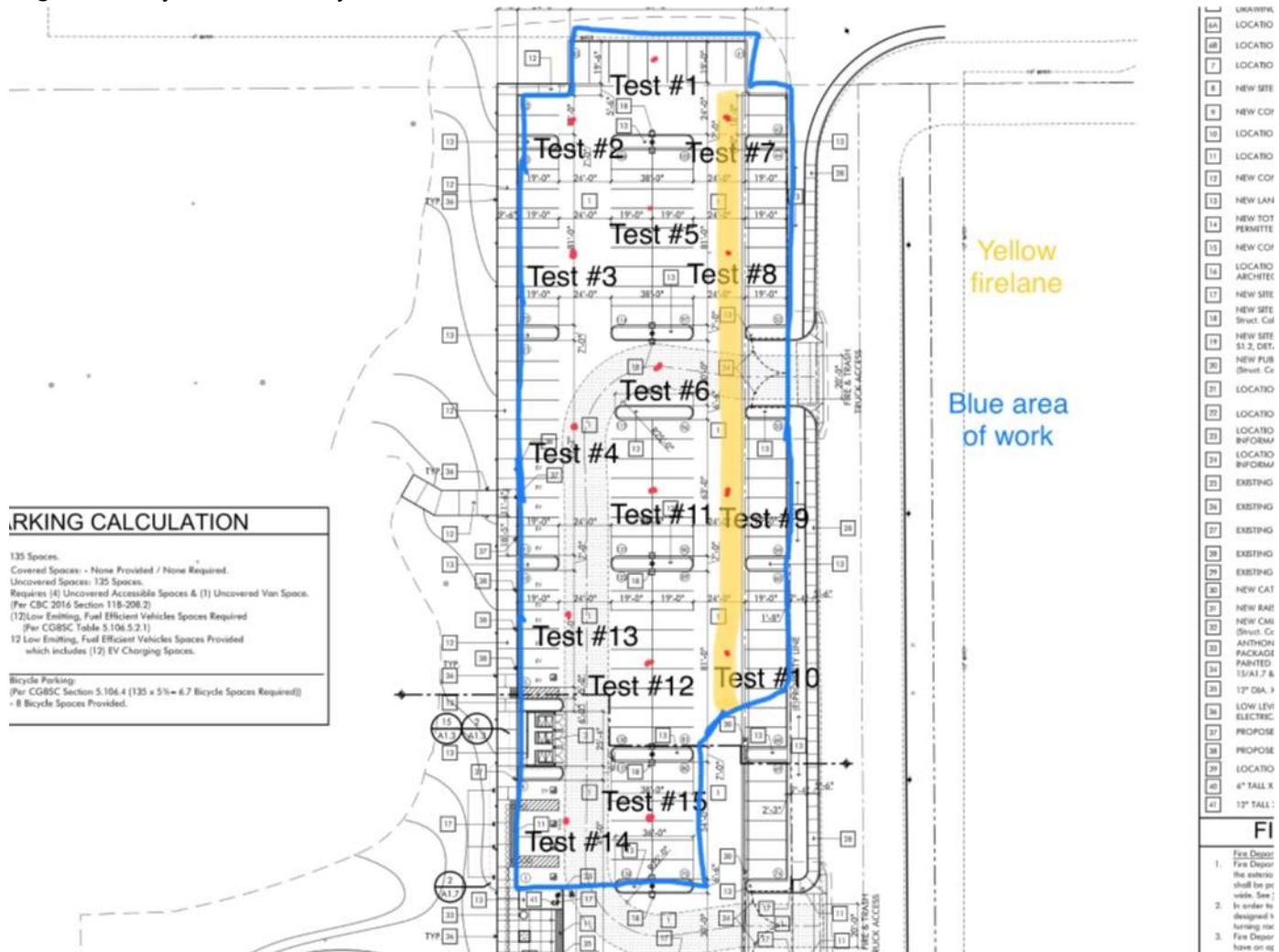
Representing Company *Company Name*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Density test location lay out



Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Terra Pave
Representing Company *Company Name*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Compaction of agg base



[Handwritten Signature]

Acknowledged By *Signature*

Terra Pave

Representing Company *Company Name*

[Handwritten Signature]

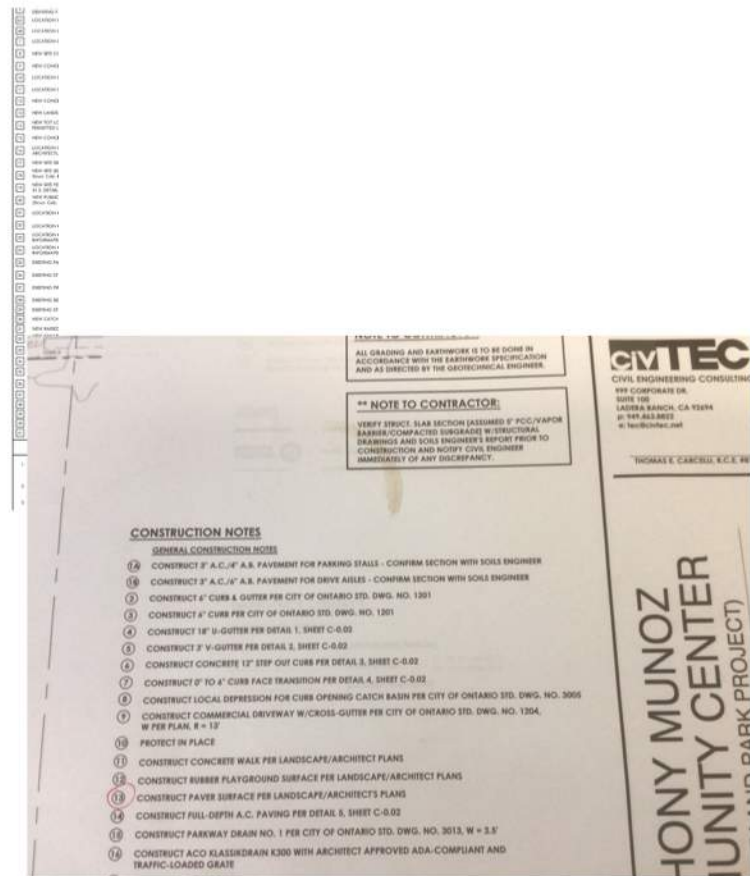
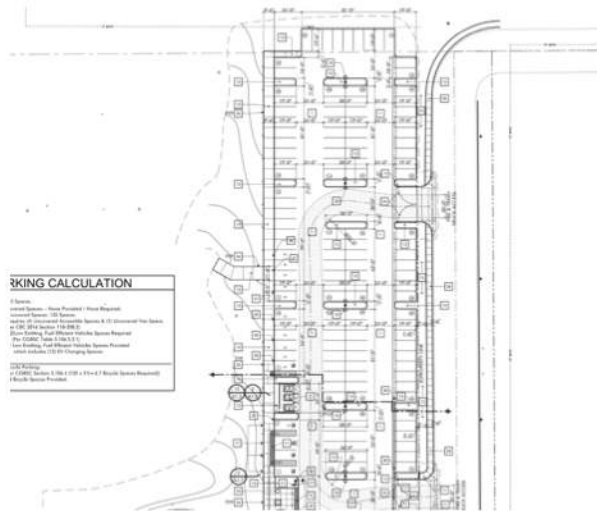
Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 4: Area of work and approved plans



Acknowledged By *Signature*

Terra Pave
Representing Company *Company Name*

Signature
Kleinfelder Representative *Signature*

Chris Rice
Kleinfelder Representative *Print Name*



Soil Density Report - Jan 4, 2021

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

General Location: North Parking Lot

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M370703790

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 1/4/21

Date of Calibration: 6/17/2020

Density Std. Count: 25436

Moisture Std. Count: 9568

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20210104-1005-CR-1	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	11.8	115.9	96.2
	Location:		North end Top stall							
20210104-1007-CR-2	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	12.1	116.7	96.8
	Location:		North West stall #1							
20210104-1008-CR-3	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	10.2	118.6	98.4
	Location:		North West stall #2							
20210104-1009-CR-4	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	9.1	114.7	95.2
	Location:		North West stall #3							
20210104-1010-CR-5	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	8.7	114.6	95.1
	Location:		North end middle stall #2							
20210104-1011-CR-6	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	10.2	114.5	95
	Location:		North end middle stall #3							
20210104-1011-CR-7	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	10	120	99.6
	Location:		Fire Lane North East side of Parking Lot top end							
20210104-1013-CR-8	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	9.5	116.8	96.9
	Location:		Fire Lane North East side of Parking Lot 1/4 of the way from the top							
20210104-1014-CR-9	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	12.4	118.3	98.2
	Location:		Fire Lane North East side of Parking Lot 1/2 of the way from the top							
20210104-1014-CR-10	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	12.3	117.9	97.8
	Location:		Fire Lane North East side of Parking Lot 3/4 of the way from the top							
20210104-1015-CR-11	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	10.5	114.6	95.1
	Location:		North End Middle stall #4							
20210104-1017-CR-12	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	13.6	119.6	99.3
	Location:		North End Middle stall #5							



Soil Density Report - Jan 4, 2021

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20210104-1018-CR-13	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	10.4	114.5	95
	Location:		North West side stall #4							
20210104-1020-CR-14	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	12.1	114.6	95.1
	Location:		North West side stall #5							
20210104-1021-CR-15	6	/	Class II Agg Base	120.5	12.5	95	9.5 - 15.5	10.8	117.5	97.5
	Location:		North End Middle stall #5							



Daily Field Report - Jan 6, 2021

KLF Project #: 20210301.001A

by Omar Molina for Anthony Munoz Community Center

Client: City of Ontario, CA 72°F, Clear
Contractor: Terra Pave Inc. Time Start: 08:00 AM Time Stop: 04:00 PM
Equipment: Bomag-Bw141-AD, Bomag-Bw120-AD, Blaw-Knox placer(PF-3200) Traveled .5 hrs, 4 mi.

Types of Tests/Observations Performed:

Ac Pavement



Documents Referenced:

Plans and specifications

Observations/Remarks:

I arrived at Anthony Munoz Community Center at 1240 West 4th Street, Ontario, CA. 91762 per the request of Hamel Contracting inc. and met with superintendent Tom Hanrahan to discuss operations for the day.

[HMA Parking Lot Paving]

Prior to arrival contractor(Terra Pave) had already brushed on tack coat to all vertical surfaces. Once area were coated HMA started to arrive onsite at 8:00am. HMA was delivered on site on supertens and was placed using a Blaw Knox paver(PF-3200) in 1 lift. Compaction was performed with a vibra-plate around the edges and with Bomag (BW 141-AD) for initial compaction and a Bomag(BW 120-AD) for final. Contractor had crew of (11) on site today. Ambient temperature was 58 degrees upon start meeting the 50 degrees and rising minimum. HMA temperature was 314 degrees. After areas were compacted I performed random density test. I used a calibrated nuclear gauge to check compaction on various compacted areas(see markup plan below). I performed a total of 11 nuclear density test using a preliminary max of 150-PCF (final test result are pending lab testing).

Note: I obtained a sample of the material for lab testing. Sample was transported to lab for testing. Waiting for lab test results to submit final density tests results.

Today 1-8-21 I received lab test results from sample taken and max was 145.4 PCF. Out of the 11 density test performed 10 of them met or exceed 95% compaction required. Test#10 did not meet 95% compaction and was at 93.5%(see plan markup for highlighted area). All tests results were emailed to Tom Hanrahan (superintendent). For more details on test please see density test data sheet.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel

Representing Company *Company Name*

Omar Molina

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Compaction equipment



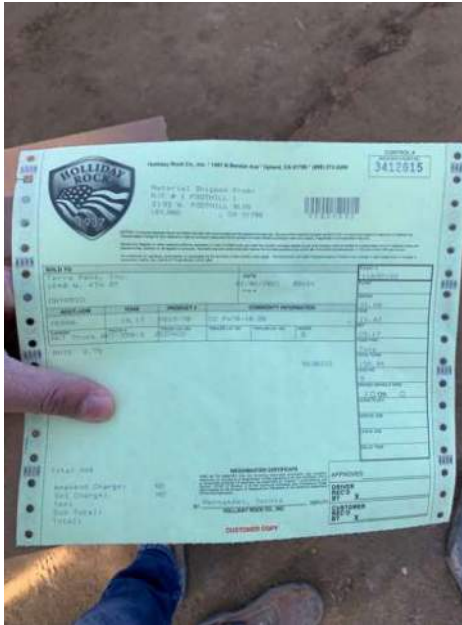
Fig. 2: Compaction being performed



Fig. 3: Paver being loaded



Fig. 4: Sampled Ticket Load



for h

Acknowledged By *Signature*

Hamel

Representing Company *Company Name*

Omar Molina

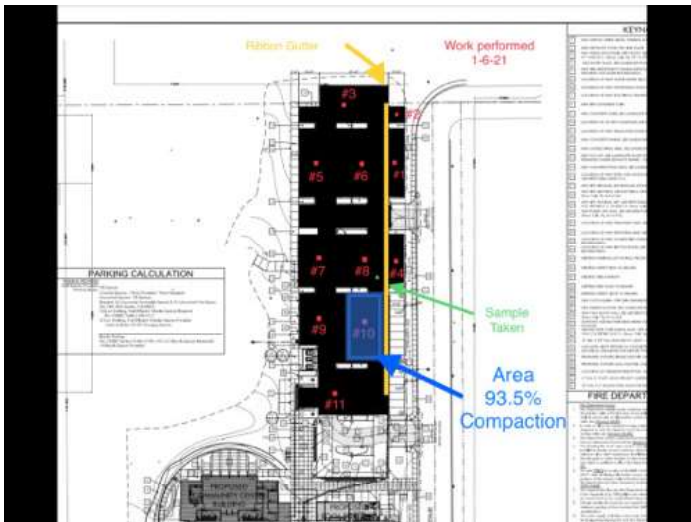
Kleinfelder Representative *Signature*

Omar Molina

Kleinfelder Representative *Print Name*

Photo Log

Fig. 5: Work Performed



for h

Acknowledged By *Signature*

Hamel

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Omar Molina

Kleinfelder Representative *Print Name*



Daily Field Report - Jan 20, 2021

KLF Project #: 20210301.001A

by Christian Castanar for Anthony Munoz Community Center

Client: City of Ontario, CA
Contractor: Hamlet
Equipment: Cement truck, water hose, boom pump, various hand tools

70°F, Clear
Time Start: 07:00 AM Time Stop: 11:00 AM

Types of Tests/Observations Performed:

Concrete

Report items
Comply

Documents Referenced:

Observations/Remarks:

Arrived on site at Anthony Munoz community center for concrete sampling as requested. Met with superintendent Scott of hamlet for todays workload.

(Concrete pour)

Scope of work was to pour concrete for pool trench drain. Approximately 30yd was scheduled for todays pour with Holliday rock being the supplier. I sampled from the 1st load performing slump test and cylinder casting. All batch tickets were in compliance with mix design being 3C40L600. I casted 1 set of (4) 6x12 cylinders with a designed strength of 4000psi at 28 day breaks. Once cylinder casting was complete Kleinfelder services were no longer needed. Any additional information can be found below on the CDS.

Kleinfelder Representative *Signature*

Christian Castanar

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1:

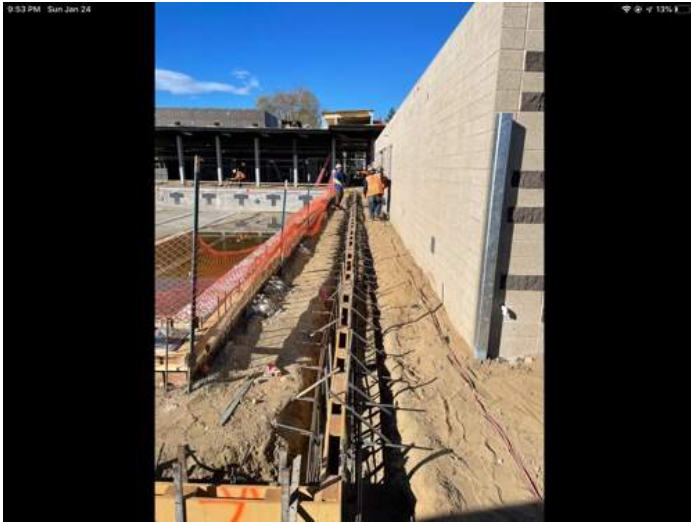
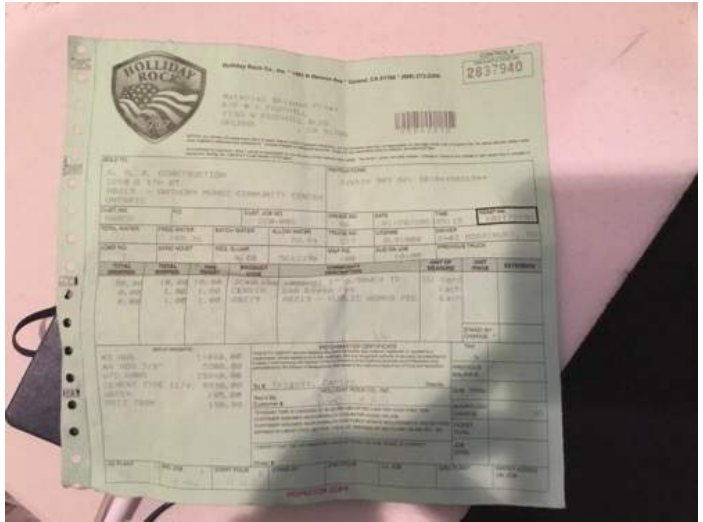


Fig. 2:



Christian Castanar

Kleinfelder Representative *Signature*

Christian Castanar

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Jan 20, 2021

KLF Project #: 20210301.001A

by Christian Castanar for Anthony Munoz Community Center

Supplier:

1 set(s) of Concrete Cylinders cast

Mix Design #:

Specified Strength: **4000** psi @ **28** days required

Building Element: Site Work

General Location: Pool drain trench

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
277 / 101172794 / 1	10	9:15am	10:00am		45	5	N/A	N/A	80	70		4
Specific Location: North end of pool drain trench												



Daily Field Report - Jan 21, 2021

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

63°F, Clear

Contractor:

Time Start: 09:20 AM Time Stop: 09:20 AM

Traveled .5 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 4 (6"x12") concrete compressive strength test specimens cast 1/20/21 were picked up and transported to the Kleinfelder Ontario lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Feb 8, 2021

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

64°F, Partly Cloudy

Contractor:

Time Start: 08:00 AM Time Stop: 12:00 PM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Masonry

Report items
Comply

Documents Referenced:

Approved plans

Observations/Remarks:

I arrived onsite to Anthony Munoz Community Center, per request of Tom with Hamel Contracting, for scheduled masonry CMU placement observation. Upon arrival I met with Tom to discuss work plans for the day, I was notified Haxton Masonry was onsite for placement of CMU for the thrash enclosure at parking lot.

Reviewed the CMU wall where inspections have been requested. Verified placement of reinforcement per approved plans as well. Verified installation of #4 reinforcing steel at 16" vertical and #4 spaced at 24" horizontal. CMU has been placed in running bond. Verified that CMU cells are free and clear of protrusions and debris. The crew used drum mix to mix mortar (ORCO Type-S 1800 psi @28days) and used mortar boards and trowels for placement.

Construction of CMU wall isn't complete and remains in progress.

Acknowledged By *Signature*

Tom h.

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1:



Tom h.

Acknowledged By *Signature*

Tom h.

Representing Company *Company Name*

Jimmy Monterroso

Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Daily Field Report - Feb 9, 2021

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

Partly Cloudy

Contractor: Haxton masonry

Time Start: 08:00 AM Time Stop: 12:00 PM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Masonry



Documents Referenced:

Approved plans

Observations/Remarks:

Onsite today at Anthony Munoz Community Center, per request of Tom with Hamel Contracting, for scheduled masonry CMU placement observation. Upon arrival I met with Tom to discuss daily operations. Reviewed the CMU wall where inspections have been requested. Verified placement of reinforcement per approved plans as well. Verified installation of #4 reinforcing steel at 16" vertical and #4 spaced at 24" horizontal for new trash enclosure CMU walls. CMU has been placed in running bond. Verified that CMU cells are free and clear of protrusions and debris. The crew used drum mix to mix mortar (ORCO Type-S 1800 psi @28days) and used mortar boards and trowels for placement. Also, cast one set of mortar samples for further testing. CMU wall is ready for grout pour, finished wall is 6" wide and 15 courses from top of footing.

Acknowledged By *Signature*

Haxton masonry

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



Acknowledged By *Signature*

Haxton masonry

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Feb 9, 2021

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Supplier: Orco 1 set(s) of Masonry Mortar cast
Mix Design #: Type S - 1800 Specified Strength: **1800** psi @ **28** days required
Building Element: Masonry Wall
General Location: Trash enclosure at parking lot

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
N/A / N/A / N/A		9:10am	9:30am		20				73	62		4
Specific Location: North side CMU wall												



Daily Field Report - Feb 10, 2021

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Client: City of Ontario, CA

59°F, Partly Cloudy

Contractor: Haxton masonry

Time Start: 08:00 AM Time Stop: 12:00 PM

Traveled 2.5 hrs, 140 mi.

Types of Tests/Observations Performed:

Masonry



Report items

Comply

Documents Referenced:

Approved plans and mix designs

Observations/Remarks:

On site to observe placement of grout at 8" CMU walls for new trash enclosure at parking lot. Reviewed Robertson's concrete batch ticket for grout mix 61833 upon arrival of Load 1. No water was added on site. Observe placement and mechanical consolidation of grout. Sampled grout and performed field testing for temperature and slump. Constructed one set of grout test samples for lab testing. Approximately 7 yards of grout has been placed today.

Crew of 3.

Acknowledged By *Signature*

Haxton masonry

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:



Acknowledged By *Signature*

Haxton masonry

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Jimmy Monterroso

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Feb 10, 2021

KLF Project #: 20210301.001A

by Jimmy Monterroso for Anthony Munoz Community Center

Supplier: Robertsons 1 set(s) of Masonry Grout cast
Mix Design #: 61833 Specified Strength: 3000 psi @ 28 days required
Building Element: Masonry Wall
General Location: Trash enclosure at parking lot

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
1787 / 5806772 / 1	10	9:31am	10:20am	11:02am	49	9.5			74	62	N/A	4
Specific Location: West side CMU wall, 5' from top of footing												



Daily Field Report - Feb 11, 2021

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

60°F, Clear

Contractor:

Time Start: 09:15 AM Time Stop: 09:15 AM

Traveled .5 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 4 (2"x3") mortar and 1 set of 4 (3"x6") grout compressive strength test specimens cast on 2/9/21 and 2/10/21 were picked up and transported to the Kleinfelder Ontario lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Feb 24, 2021

KLF Project #: 20210301.001A

by Chris Rice for Anthony Munoz Community Center

Client: City of Ontario, CA 75°F, Clear
Contractor: Crown Steel Time Start: 11:00 AM Time Stop: 03:00 PM
Equipment: Hilti hammer Drill, Kobalt air compressor, various hand tools Traveled .50 hrs, 5 mi.

Types of Tests/Observations Performed:

Anchor Bolts

Report items
Comply

Documents Referenced:

Approved Site Plans

Observations/Remarks:

I arrived at the Anthony Munoz Community Center at 1240 W 4th St. Ontario, CA 91762. I met with Tom (Hamel Construction Inc Superintendent) and with Jimmy (Crown Steel Foreman) to discuss the days work for epoxy threaded anchor bolt placement and observation.

Crown Steel (CS) had a 3 man crew working on installing the (12) epoxied threaded anchor bolts for the steel canopy. CS began by dry fitting the canopy and marking the anchor hole locations. CS used a Hilti hammer drill with a 5/8" concrete bit to drill approximately 9" down for the required 8" embedment of the ASTM A307 Grade C threaded anchor bolts per detail (4) on S1.3 and (1) on A1.3 and General Notes-Fastener in Existing Concrete. CS used a Kobalt air compressor to clean out the holes and used Simpson Strong-Tie Set-XP, Lot # XP22-N 1000129212 EXP 12/10/2022 ICC-ES ESR-2508/ IAPMO UES ER-265 as the epoxy per General Notes-Fasteners in Existing Concrete. During placement of the 1/2"x9 1/2" threaded anchor bolts, the bolts were twisted into place leaving approximately 1" exposed.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Crown Steel

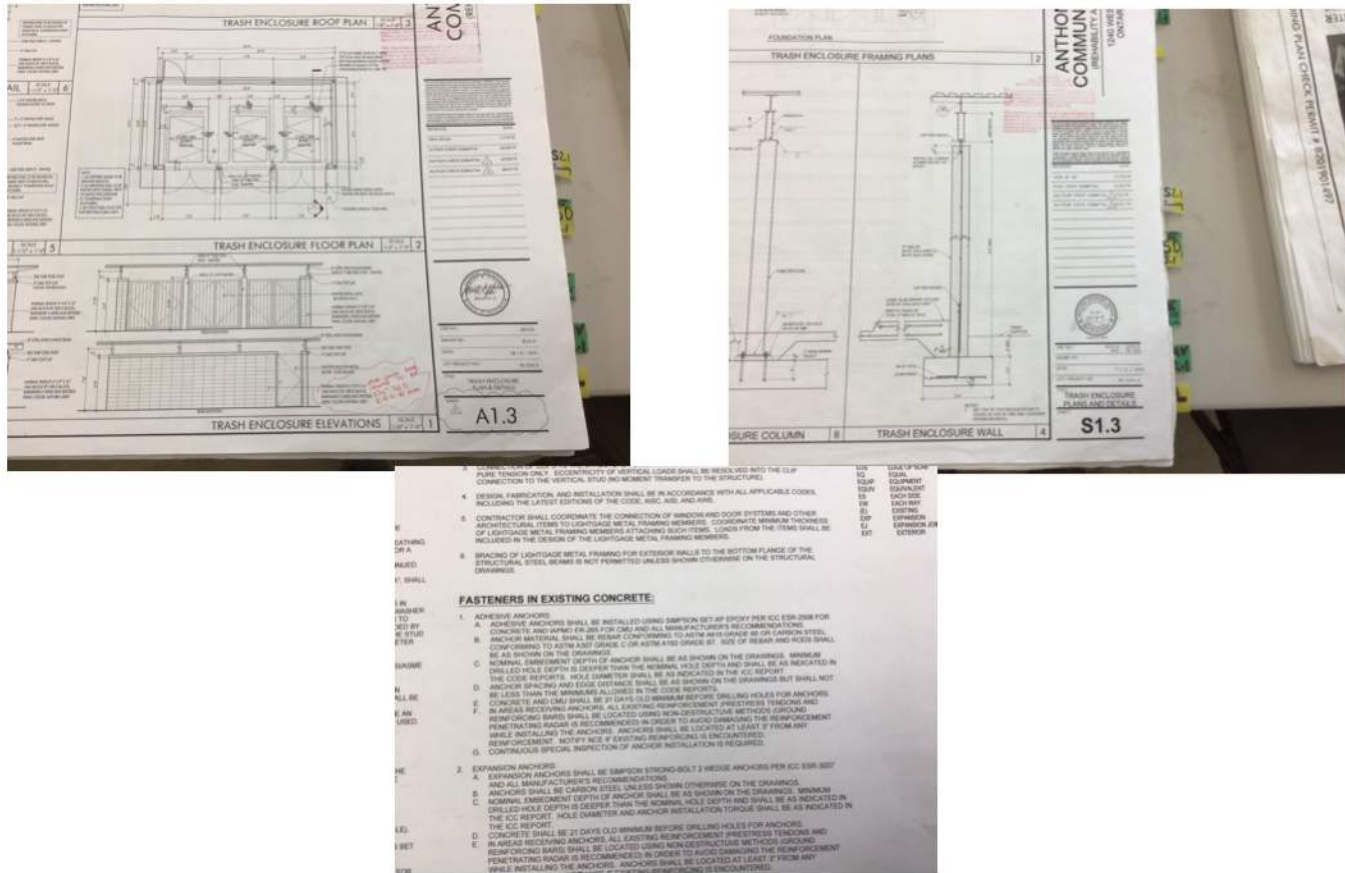
Representing Company *Company Name*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Plan Details



Acknowledged By *Signature*

Signature
Kleinfelder Representative *Signature*

Crown Steel
Representing Company *Company Name*

Chris Rice
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Epoxy and Threaded Anchor Bolt



[Signature]

Acknowledged By *Signature*

Crown Steel

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Installation of Threaded Anchor Bolts



gem

Acknowledged By *Signature*

Crown Steel

Representing Company *Company Name*

Chris Rice

Kleinfelder Representative *Signature*

Chris Rice

Kleinfelder Representative *Print Name*



Daily Field Report - Mar 2, 2021

by Ali Rehman for Anthony Munoz Community Center

DFR #: 1
KLF Project #: 20210301.001A

Client: City of Ontario, CA 67°F, Clear
Contractor: Hamel Construction Time Start: 07:00 AM Time Stop: 11:00 AM
Equipment: Concrete Pump, Shovels and other miscellaneous hand tools Traveled .50 hrs, 20 mi.

Types of Tests/Observations Performed:

Concrete



Documents Referenced:

Dispatch notes and PM instruction

Observations/Remarks:

As per the dispatch, I arrived onsite to perform concrete testing. I met Site Representative from Hamel construction and discussed scope of work. I was informed that the crew will be paving at swimming deck. I took a sample from Load 1 and performed following test

ASTM C1064 or CTM 557 temperature, Concrete=72F & Ambient 67F
and fabricated a set of 5 6"x12" cylinders.

The concrete with mix design# 3C30L602 with design strength of 3000 PSI was supplied by HOLIDAY ROCK

Kleinfelder Representative *Signature*

Ali Rehman

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1:



Fig. 2:



Fig. 3:



Fig. 4:



Kleinfelder Representative *Signature*

Ali Rehman

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1:

HOLIDAY ROCK 1937

Material Shipped From:
B/P # 1 FOOTHILL BLVD
1313 W FOOTHILL BLVD
UPLAND, CA 91786

3031/29

SOLD TO:
K. R. R. CONSTRUCTION
1248 W 4TH ST.
AB219 - ANTHONY MUNOZ COMMUNITY CENTER
ONTARIO

INSTRUCTIONS:
FRANK 509.620.3037 AB219 With Color
Equivalent to Seaford Mesa Beige

CUST. NO. KARCO P.O. CUST. JOB NO. 220-006 ORDER NO. 23 DATE 01/02/2021 TIME 06:57 TICKET NO. 101175417

TOTAL WATER FREE WATER BATCH WATER ALLOW WATER TRUCK NO. 297 LICENSE 8088412 DRIVER 0150 LOPEZ, RICARDO

LOAD NO. 1 SAND MOIST REQ. SLUMP 4, 00 5683995 MAP PG. 100 DUE ON JOB 07:00 PREVIOUS TRUCK

TOTAL ORDERED	TOTAL SHIPPED	THIS TICKET	PRODUCT CODE	COMMODITY DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EXTENSION
20.00	10.00	10.00	3030LGR	3030PGT 1" 0.25MCH TO	CU YARD		
1.00	1.00	1.00	COLOR	COLOR	Per Yrd		
0.00	1.00	1.00	CENVR	Can Envir Fee	Each		
0.00	1.00	1.00	AB219	AB219 - PUBLIC WORKS FEE	Each		

BATCH WEIGHTS
#3 AGG 12050.00
#4 AGG 5330.00
W/O SAND 14880.00
CEMENT TYPE 11/V 550.00
WATER 179.00
POZZ 7304 100.00

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted for a weighmaster, whose signature is on this certificate, who is a designated authority of accuracy, as prescribed by Chapter 7 commencing with Section 12180 of Division 5 of the California Commerce and Transportation Code, administered by the Division of Measurement Standards of the California Department of Pesticide Regulation.

By X Iniguez, Carlos Deputy
HOLIDAY ROCK CO., INC.

Rec'd By Customer X

STANDARD TIME IS CHANGED AT \$0.50 PER MIN AFTER A MIN PER YARD FREE TIME.
CUSTOMER ASSUMES RESPONSIBILITY FOR WATER ADDED ON JOB.
CUSTOMER ASSUMES RESPONSIBILITY FOR PUBLIC WORKS REQUIREMENTS AND NOTICES DEFINED IN LABOR CODE SECTION 1091.9, AS AMENDED BY AB1019 AND SB1016 SEC 184.

I CERTIFY THAT THE INFORMATION PROVIDED IS TRUE AND CORRECT.

Driver X

LV. PLANT	ARR. JOB	START HOUR	STAND BY	END HOUR	LV. JOB	ARR. PLANT	WATER ADDED ON JOB
705	720						

DELIVERY RECEIPT

Kleinfelder Representative Signature

Ali Rehman

Kleinfelder Representative Print Name



Sampling & Testing Log

Mar 2, 2021

DFR #: 1
KLF Project #: 20210301.001A

by Ali Rehman for Anthony Munoz Community Center

Supplier: Holliday Rock

1 set(s) of Concrete Cylinders cast

Mix Design #: 3C30I602

Building Element: Deck/Elevated Slab

General Location: Swimming pool deck.

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
297 / 101175417 / 1	10	6:57am	7:30am	7:50am	33	N/A	N/A		72	67		5
Specific Location: Swimming Pool deck												



Daily Field Report - Mar 3, 2021

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

53°F, Clear

Contractor:

Time Start: 09:00 AM Time Stop: 09:00 AM

Traveled 1 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 5 (6"x12") concrete compressive test specimens cast 3/2/21 were picked up and transported to the Kleinfelder Ontario Lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Mar 4, 2021

KLF Project #: 20210301.001A

by Antonio Gonzalez for Anthony Munoz Community Center

Client: City of Ontario, CA 54°F, Clear
Contractor: Hamel Contracting Inc. Time Start: 06:30 AM Time Stop: 10:30 AM
Equipment: Concrete Truck, Concrete pump, Mechanical Vibrator & Various Hand Tools Traveled .30 hrs, 4.0 mi.

Types of Tests/Observations Performed:

Concrete



Documents Referenced:

Mix Design and Specifications

Observations/Remarks:

Arrived onsite at Anthony Munoz Community Center 1240 West 4th St. Ontario, CA- For concrete testing and sampling.

Met with Tom Hanraahn of Hamel Contracting Inc. to discuss plans and operations for the day.

[Concrete]

Kar Construction Inc. crew began operations for the day by placing concrete on the Pool Deck located on the South East of project. Estimated 20 CYDS to be placed on pool deck. Concrete is from Holiday Rock out of Upland, CA 3,000 PSI

Mix#3C30L602. Material placed via Concrete pump/out of Concrete Mixer Truck. Tested for Slump & Temperature. Casted 1 set of 5 (6x12) Concrete Cylinders. Total of 5 samples casted. Total of 20 CYDS placed. See data sheet for more information on testing performed.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel Contracting Inc.

Representing Company *Company Name*

Antonio Gonzalez

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Pool Deck South East of project



Fig. 2: Truck Ticket

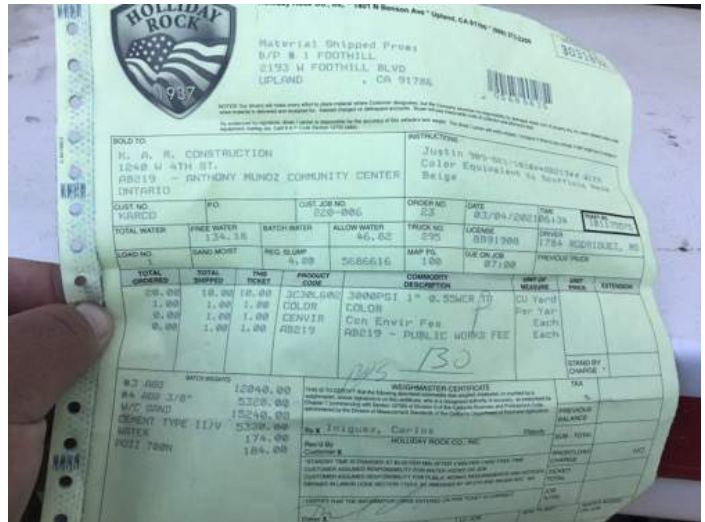


Fig. 3: Placement Via Concrete Pump



Fig. 4: Consolidation Via Mechanical Vibrator



Qom d

Acknowledged By *Signature*

Hamel Contracting Inc.

Representing Company *Company Name*

498

Kleinfelder Representative *Signature*

Antonio Gonzalez

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Mar 4, 2021

KLF Project #: 20210301.001A

by Antonio Gonzalez for Anthony Munoz Community Center

Supplier: Holliday Rock 1 set(s) of Concrete Cylinders cast
Mix Design #: 3C30L602 Specified Strength: **3000** psi @ **28** days required
Building Element: Sidewalk
General Location: Pool Deck South East of project

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
295 / 101175575 / 1	10 CYDS	6:34am	7:15am	7:40am	41	4.25	N/A	N/A	59	52	0	5
Specific Location: Pool Deck South East of project												



Daily Field Report - Mar 4, 2021

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

60°F, Clear

Contractor:

Time Start: 08:00 AM Time Stop: 08:00 AM

Traveled 1 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 5 (6"x12") concrete compressive strength test specimens cast 3/4/21 were picked up and transported to the Kleinfelder Ontario Lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Mar 5, 2021

KLF Project #: 20210301.001A

by David Magana for Anthony Munoz Community Center

Client: City of Ontario, CA

60°F, Clear

Contractor: Boudreau

Time Start: 08:00 AM Time Stop: 08:00 AM

Traveled 1 hrs, 6 mi.

Types of Tests/Observations Performed:

Sample Pickup



Report items

Comply

Documents Referenced:

Observations/Remarks:

Arrived on site as requested for a sample pick up. 1 set of 5 (6"x12") concrete compressive strength test specimens cast 3/4/21 were picked up and transported to the Kleinfelder Ontario Lab for further testing.

Kleinfelder Representative *Signature*

David Magana

Kleinfelder Representative *Print Name*



Daily Field Report - Apr 15, 2021

by Chris Barry for Anthony Munoz Community Center

DFR #: 1
KLF Project #: 20210301.001A

Client: City of Ontario, CA
Contractor: HAMEL

56°F, Clear
Time Start: 06:30 AM Time Stop: 10:30 AM
Traveled 1.5 hrs, 68 mi.

Types of Tests/Observations Performed:

Reinforcing Steel

Report items
Comply

Documents Referenced:

Detail D on L2.1 of approved plans

Observations/Remarks:

EPOXYING OF SMOOTH DOWELS IN CURB

I observed the application of SIMPSON SET-XP22 EPOXY with an expiration date of 1/5/23 in approximately 100+ holes drilled into the curb along the western perimeter of the parking lot. All holes had a minimum embed of 3" and were brushed and blown out in accordance with ASTM standards. Holes were filled 3/4 with epoxy and #4s x 18" smooth steel dowels were placed at 30" o.c. As called out on DETAIL D of L2.1 of approved plans (see attached photos).

All work was done according to approved plans to the best of my knowledge

Acknowledged By *Signature*

HAMEL

Representing Company *Company Name*

Kleinfelder Representative *Signature*

Chris Barry

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Areas of dowel placement



Fig. 2: Blowing out holes



Fig. 3: Confirmed expiration date



Fig. 4: Embed confirmation



[Signature]
Acknowledged By *Signature*

HAMEL
Representing Company *Company Name*

[Signature]
Kleinfelder Representative *Signature*

Chris Barry
Kleinfelder Representative *Print Name*

Photo Log

Fig. 5: Smooth dowel length confirmation





Acknowledged By *Signature*

HAMEL

Representing Company *Company Name*



Kleinfelder Representative *Signature*

Chris Barry

Kleinfelder Representative *Print Name*



Daily Field Report - Apr 20, 2021

by Chris Barry for Anthony Munoz Community Center

DFR #: 1
KLF Project #: 20210301.001A

Client: City of Ontario, CA 78°F, Clear
Contractor: HAMEL Time Start: 06:30 AM Time Stop: 02:00 PM
Equipment: Concrete trucks/SCHWING concrete pump/vibrator/various hand tools Traveled 1.5 hrs, 64 mi.

Types of Tests/Observations Performed:

Concrete

Report items
Comply

Documents Referenced:

General notes/ mix design submittals/delivery tickets

Observations/Remarks:

CONCRETE POUR FOOR WALKWAY AND RADIUS CURB

I arrived at the job site at 1240 west 4th street in Ontario, ca at 6:30 a.m. and checked in with SUPERINTENDENT TOM HANRAHAN and was briefed on the scope of the days work

I observed the placement of 90+yards of mix design 4C30L036 for the walkway on the west side of the property. Concrete was placed by pump as well as tailgated.

I also observed the placement of 8 yds of mix design 3C30L602 for the radius curb along the walkway. Concrete was supplied by HOLLIDAY ROCK. All. Placement and finishing was done by KAR construction.

ALL CONCRETE WAS PLACED AND CONSOLIDATED ACCORDING TO ASTM STANDARDS TO THE BES` OF MY ABILITY

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

HAMEL

Representing Company *Company Name*

Chris Barry

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Radius curb with mix design 3C30L602



[Signature]

Acknowledged By *Signature*

HAMEL

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Barry

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 2: Concrete pour south of ramp with mix design 4C30L036



[Signature]

Acknowledged By *Signature*

HAMEL

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Barry

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 3: Concrete pour north of ramp wit mix design 4C30L036



[Signature]

Acknowledged By *Signature*

HAMEL

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Barry

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 4: Curb mix design truck ticket

HOLIDAY ROCK
1937

Holiday Rock Co., Inc. • 1491 N. Benson Ave. • Upland, CA 91786 • (888) 273-2300

Material Shipped From:
2193 W. Foothill Blvd.
Upland, CA 91786

CONTRACT # 2984195
TICKET NO. 101178300

SOLD TO:
K. O. R. CONSTRUCTION
1240 W. 4TH ST.
ONTARIO, CA 91764

CUSTOMER: ANTHONY MUNOZ COMMUNITY CENTER

INSTRUCTIONS:
JUSTIN 909-821-1010 AB219

LOAD NO.	FREE WATER	BATCH WATER	ALLOW WATER	ORDER NO.	DATE	TIME	TICKET NO.
1	77.67	259.00	336.67	867	04/20/2021	09:40	101178300
TOTAL ORDERED	8.00	8.00	8.00	TRUCK NO.	LICENSE	DRIVER	PREVIOUS TRUCK
TOTAL SHIPPED	0.00	1.00	1.00	MAP PG.	DUE ON JOB	10:00	1095 MORENO, ANDRE
AGG 3/8"	0.00	0.00	0.00	PRODUCT CODE	COMMODITY DESCRIPTION	UNIT OF MEASURE	UNIT PRICE
2 SAND	0.00	1.00	1.00	3C301-602	3000 PSI 1" - 0.55WCR 1P	CU YARD	EXTENSION
WATER	0.00	1.00	1.00	CENVR	Can Envir Fee	Each	
				AB219	AB219 - PUBLIC WORKS FEE	Each	

BATCH WEIGHTS
AGG 3/8" 3600.00
2 SAND 4240.00
WATER 1200.00
TOTAL 9040.00

STAND BY CHARGE: 169.50
TAX: 148.00

PREVIOUS BALANCE: 0.00
SUB-TOTAL: 169.50
SHORTLOAD CHARGE: 0.00
TICKET TOTAL: 169.50
JOB TOTAL: 169.50

WEIGHMASTER CERTIFICATE
This is to certify that the weight of the material shown on this ticket was weighed, measured, or counted by a duly licensed weighmaster or his authorized representative, and the weight is correct within the tolerance allowed by Chapter 7 of the California Code of Regulations, Title 24, Division 2, Section 24200, and the California Department of Food and Agriculture, Chapter 7 of the California Code of Regulations, Title 24, Division 2, Section 24200, and the California Department of Food and Agriculture, Chapter 7 of the California Code of Regulations, Title 24, Division 2, Section 24200.

By X Inquisitor Carlos Deputy
Rec'd By Customer X
HOLIDAY ROCK CO., INC.

"STANDARD TIME IS CHARGED AT \$2.00 PER MIN AFTER 4 MIN PER YARD FREE TIME
CUSTOMER ASSUMES RESPONSIBILITY FOR WATER ADDED ON JOB
CUSTOMER ASSUMES RESPONSIBILITY FOR PUBLIC WORKS REQUIREMENTS AND NOTICES
DEFINED IN LABOR CODE SECTION 1720.9, AS AMENDED BY AB-219 AND SB-836 SEC. 184.

I CERTIFY THAT THE INFORMATION ENTERED ON THIS TICKET IS CORRECT.

DRIVER: ANDRE MORENO
START POUR: 10:00
STAND BY: 10:00
END POUR: 10:00
ARV. JOB: 10:00
ARV. PLANT: 10:00
WATER AD ON JOB: 10:00

INSPECTOR COPY

[Signature]
Acknowledged By Signature

HAMEL
Representing Company Company Name

[Signature]
Kleinfelder Representative Signature

Chris Barry
Kleinfelder Representative Print Name

Plans and Markups

Fig. 5: Concrete placement



[Signature]

Acknowledged By *Signature*

HAMEL

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Chris Barry

Kleinfelder Representative *Print Name*



Sampling & Testing Log

Apr 20, 2021

DFR #: 1
KLF Project #: 20210301.001A

by Chris Barry for Anthony Munoz Community Center

Supplier: HOLLIDAY 1 set(s) of Concrete Cylinders cast
Mix Design #: 4C30L036 Specified Strength: **3000** psi @ **28** days required
Building Element: Pavement
General Location: North side of pour (photo attached)

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
763 / 101178291 / 5	10	9:05am	10:05am	10:20am	60	4.0	N/A	N/A	78	68	0	4
Specific Location: The walway to the north of the ramp												
Comments: All ASTM STANDARDS were observed												



Sampling & Testing Log

Apr 20, 2021

DFR #: 2
KLF Project #: 20210301.001A

by Chris Barry for Anthony Munoz Community Center

Supplier: HOLLIDAY 1 set(s) of Concrete Cylinders cast
Mix Design #: 3C30L602
Building Element: Curb/Gutter
General Location: Curbs along northwest side of property. (photo attached in report)

*Denotes a test outside of specification

Truck / Ticket / Load	Batch Size (cy)	Batch Time	Sample Time	Time Truck Completed	Mix Duration at Sampling (mins)	Slump (in)	Air Content (%)	Unit Weight (pcf)	Mix Temp (F)	Air Temp (F)	Water Added (gal)	Samples Taken
629 / 101178300 / 1	8	9:45am	10:30am	11:15am	45	4.0	N/A	N/A	77	72	0	5
Specific Location: Radius curbs along northwest side of property												



Daily Field Report - Apr 21, 2021

by Chris Barry for Anthony Munoz Community Center

DFR #: 1
KLF Project #: 20210301.001A

Client: City of Ontario, CA
Contractor: PSI
Equipment: N/A

70°F, Clear
Time Start: 08:00 AM Time Stop: 09:00 AM
Traveled 1.5 hrs, 104 mi.

Types of Tests/Observations Performed:

Sample Pick Up Compression Tests

Report items
Comply

Documents Referenced:

Approved plans/delivery ticket

Observations/Remarks:

I picked up of sample of (5) 4x8 cylinders for compression testing

Kleinfelder Representative *Signature*

Chris Barry

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Sample location



Kleinfelder Representative *Signature*

Chris Barry

Kleinfelder Representative *Print Name*



Daily Field Report - Apr 27, 2021

KLF Project #: 20210301.001A

by Marcus Molina for Anthony Munoz Community Center

Client: City of Ontario, CA 57°F, Clear
Contractor: Terra Pave Inc. Time Start: 08:30 AM Time Stop: 11:30 AM
Equipment: Bomag Smooth Drum Roller, Viber Plate, Water Truck, Skip Loader. Traveled .5 hrs, 6 mi.

Types of Tests/Observations Performed:

Soil / Density Testing



Documents Referenced:

Field Plan, Proctor Values.

Observations/Remarks:

I arrived on site @ 1240 W 4th St (Anthony Munoz Center) to perform field services as requested for compaction testing of the parking lot AB. Upon arrival I met with Tom Hanrahan Superintendent with Hamel Contracting and Terra Pave Forman to discuss scope of work.

[AB Compaction]

Upon arrival field plans and specs were reviewed and equipment was set up for testing. Terra Pave was onsite to performed grading and compaction efforts of the parking lot sub-base along the east side of the center. This area consists of two driveway approach's, three parking stall groups and the main drive. I observed the moisture conditioning and compaction efforts of these area prior to testing. I Bomag drive behind smooth drum roller was used to provide compaction efforts well a Skip loader and water truck performed grading and moisture conditioning.

[Testing]

I performed six NFDI @ a depth of 4" on the 6" finished base sections. A max of 121.3 @ 12.3% +/- 2% was provided by Kleinfelder labs and was used to verify the required 95% relative compaction. All test site were found to met or exceed the 95% and results were shared with Superintendent Tom upon completion of testing. GPS Tags were used to represent all test site and DFR was signed once all testing was completed.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Tom Hanrahan Superintendent w/ Hamel Contracting Inc.

Representing Company *Company Name*

Marcus Molina

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Compaction Via Roller & Viber Plate



Fig. 2: Grading Via Skip Loader.



[Signature]

Acknowledged By *Signature*

Tom Hanrahan Superintendent w/ Hamel Contracting Inc.
Representing Company *Company Name*

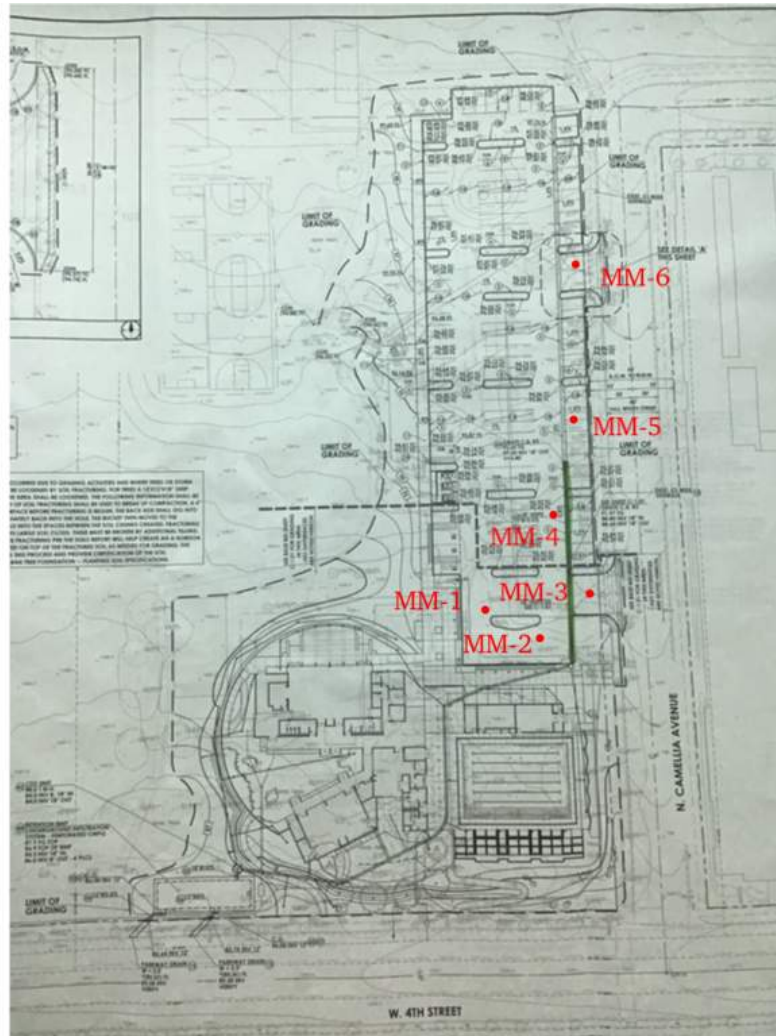
[Signature]

Kleinfelder Representative *Signature*

Marcus Molina
Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Plot Plan



[Signature]

Acknowledged By *Signature*

Tom Hanrahan Superintendent w/ Hamel Contracting Inc.
Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Marcus Molina
Kleinfelder Representative *Print Name*



Soil Density Report - Apr 27, 2021

KLF Project #: 20210301.001A

by Marcus Molina for Anthony Munoz Community Center

General Location: Parking Lot Base Grade.

Test Type: Nuclear Gauge

Test Method: ASTM D6938

Gauge Serial No.: M36066901

Gauge Make/Model: CPN / MC-3

Date of Std./Adj.: 4/27/21

Date of Calibration: 9/24/2020

Density Std. Count: 9254

Moisture Std. Count: 19308

Test #	Test Info		Proctor Data			Specs		Results		
	Probe Depth (in)	Elev. / Depth Below FSG	Proctor #	Lab Max. Density (pcf)	Opt. Water Content (%)	Specified Compaction - Min/Max (%)	Specified Water Content - Min/Max (%)	Water Content (%)	Dry Unit Weight (pcf)	Relative Compaction (%)
20210427-0838-MM-1	4	0 / 0	21-ONT-00009.1	121.3	12.3	95 - 100	10.3 - 14.3	14.1	117.5	96.9
	Location:		See Plot Plan							
20210427-0838-MM-2	4	/ 0	21-ONT-00009.1	121.3	12.3	95 - 100	10.3 - 14.3	13.6	115.5	95.2
	Location:		See Plot Plan							
20210427-0838-MM-3	4	/ 0	21-ONT-00009.1	121.3	12.3	95 - 100	10.3 - 14.3	10.8	118.2	97.4
	Location:		See Plot Plan							
20210427-0838-MM-4	4	/ 0	21-ONT-00009.1	121.3	12.3	95 - 100	10.3 - 14.3	11.4	117.6	96.9
	Location:		See Plot Plan							
20210427-0838-MM-5	4	/ 0	21-ONT-00009.1	121.3	12.3	95 - 100	10.3 - 14.3	10.5	115.3	95.1
	Location:		See Plot Plan							
20210427-0838-MM-6	4	/ 0	21-ONT-00009.1	121.3	12.3	95 - 100	10.3 - 14.3	10.9	118.5	97.7
	Location:		See Plot Plan							



Daily Field Report - Apr 29, 2021

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Client: City of Ontario, CA 80°F, Clear
Contractor: Terra pave Time Start: 07:00 AM Time Stop: 12:30 PM
Equipment: Pave rig, steel drum roller, vibratory plate Traveled .5 hrs, 10 mi.

Types of Tests/Observations Performed:

Ac Pavement



Documents Referenced:

Site plans

Observations/Remarks:

I arrived on site to Anthony Munoz project per the request of Hamel and spoke to Tom Hanrahan (superintendent) about the inspections needed for the day.

(Parking lot paving)

Terra Pave was on site placing HMA for the remaining parking lot section. The contractor placed a total of 182.79 tons of mix: PG19-70 C2 1/2" PG70-10 provided by Holiday rock. The contractor used a pave rig to place the HMA and a steel drum roller and vibratory plate to achieve compaction. The HMA was delivered between 290-320 degrees. I used a calibrated nuclear density gauge to check compaction. 10 tests were taken, 10 tests met minimum specified compaction per plans and specifications.

Acknowledged By *Signature*

Kleinfelder Representative *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

Kleinfelder Representative *Print Name*

Photo Log

Fig. 1: Pave rig placement



Fig. 2: Compaction efforts



Tom Hanrahan

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

Shawn McLaren

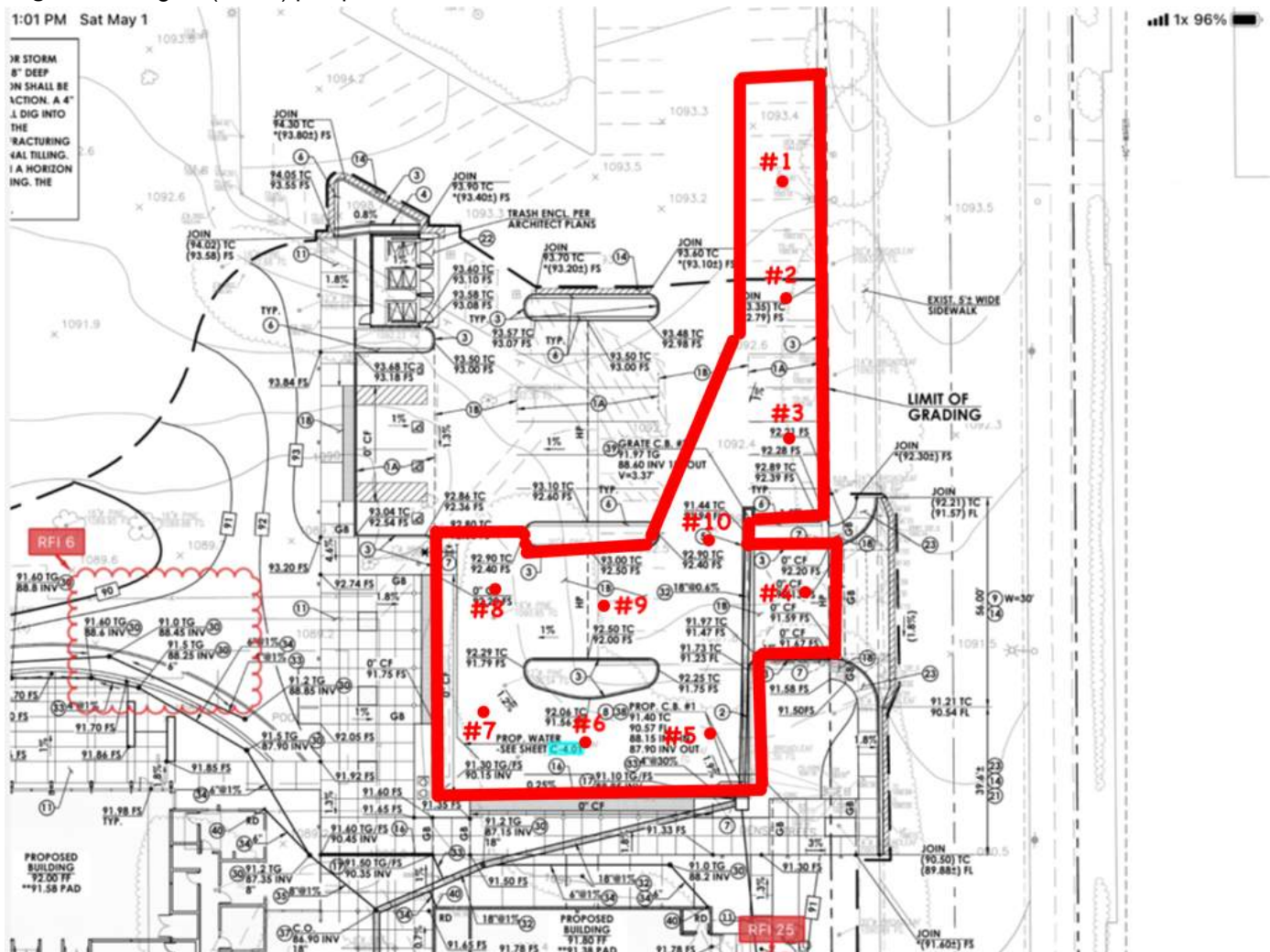
Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*

Plans and Markups

Fig. 1: Parking lot (#1-10) plot plan



Sam H

Acknowledged By *Signature*

Hamel - Tom Hanrahan

Representing Company *Company Name*

[Signature]

Kleinfelder Representative *Signature*

Shawn McLaren

Kleinfelder Representative *Print Name*



Asphalt Density Report - Apr 29, 2021

KLF Project #: 20210301.001A

by Shawn McLaren for Anthony Munoz Community Center

Supplier: Holiday Rock Test Method: ASTM D2950
 Mix Design No: PG19-70 Lab Max Density (pcf): 147
 Mix Type: 1/2" C2 PG70-10 Specified Compaction (Min - Max): 95 -

Gauge Serial No.: M310606174 Gauge Make/Model: CPN / MC-3
 Date of Std./Adj.: 4/29/2021 Source of Calibration:
 Density Std. Count: 33704 Date of Calibration: 8/20/2020
 Moisture Std. Count: 9384

General Area of Testing: South parking lot section

Test #	Probe Depth (in)	Layer/Lift	Thickness (in)	Density Count, Trial 1	Density (pcf), Trial 1	Density Count, Trial 2	Density (pcf), Trial 2	Average Density (pcf)	Relative Compaction (%)
20210429-1313-SM-1 Location: Parking lot	BS	1	3		148.1		0	146	99.3
20210429-1313-SM-2 Location: Parking lot	BS	1	3		144		0	144	98
20210429-1313-SM-3 Location: Parking lot	BS	1	3		142.5		0	142.5	96.9
20210429-1313-SM-4 Location: Parking lot	BS	1	3		140.9		0	140.9	95.9
20210429-1313-SM-5 Location: Parking lot	BS	1	3		145.7		0	145.7	99.1
20210429-1313-SM-6 Location: Parking lot	BS	1	3		141.4		0	141.4	96.2
20210429-1313-SM-7 Location: Parking lot	BS	1	3		145		0	145	98.6
20210429-1313-SM-8 Location: Parking lot	BS	1	3		142.2		0	142.2	96.7
20210429-1313-SM-9 Location: Parking lot	BS	1	3		145.8		0	145.8	99.2
20210429-1313-SM-10 Location: Parking lot	BS	1	3		142.7		0	142.7	97.1

Appendix B – Soil Laboratory Test Results



Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center MAT
02-000L - Laboratory Testing

Report No.: **20-ONT-00396 Rev. 0** Issued: **4/24/2020**
Sampled by: **Thomas Rebosky** Date: **4/23/2020**
Submitted by: **Jeffery Waller** Date: **4/23/2020**

Tested on **4/23/2020** by **J. Diaz**

Test Method: **ASTM D2974, Method A**

Sample:	Location:	Organic Matter, %	Water Content, %
Pit 1	Northside of Site	3.9	9.9
Pit 2	Northside of Site	3.3	9.7

Remarks:

Reviewed on 4/24/2020 by Jeff M Diaz,
Lab Supervisor

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00409 Rev. 0**
Sampled by: **Kyle Maggiacomo**
Submitted by: **Jeffrey Diaz**

Issued: **4/28/2020**
Field ID: **KM_20200427_1600**
Date: **4/27/2020**
Date: **4/28/2020**

Tested on **4/28/2020** by **J. Calderon**

Test Method: **ASTM D2974, Method A**

Sample:	Location:	Organic Matter, %	Water Content, %
1	East Pool Area. Depth @ 3 ft.	2.0	8.0
2	Building Pad. Depth @ 3 ft.	1.8	4.0
3	Landscape Area, NW Corner. Depth @ 4 ft.	2.0	5.4

Remarks:

Reviewed on 4/28/2020 by Jeff M Diaz,
Lab Supervisor

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00426 Rev. 0** Issued: **4/30/2020**
Sampled by: **Christian Castanar** Date: **4/29/2020**
Submitted by: **Jeffrey Diaz** Date: **4/29/2020**

Tested on **4/30/2020** by **J. Diaz**

Test Method: **ASTM D2974, Method A**

Sample:	Location:	Organic Matter, %	Water Content, %
1	Northwest Near Fenceline. Depth @ 2 ft.	1.5	7.0
2	Sout Central Pothole. Depth @ 4 ft.	1.6	5.5
3	Southeast Pothole Near Fenceline. Depth @ 5 ft.	1.8	9.6

Remarks:

Reviewed on 4/30/2020 by Jeff M Diaz,
Lab Supervisor



Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00481 Rev. 0**
Sampled by: **Charles Chen**
Submitted by: **Jeffery Waller**

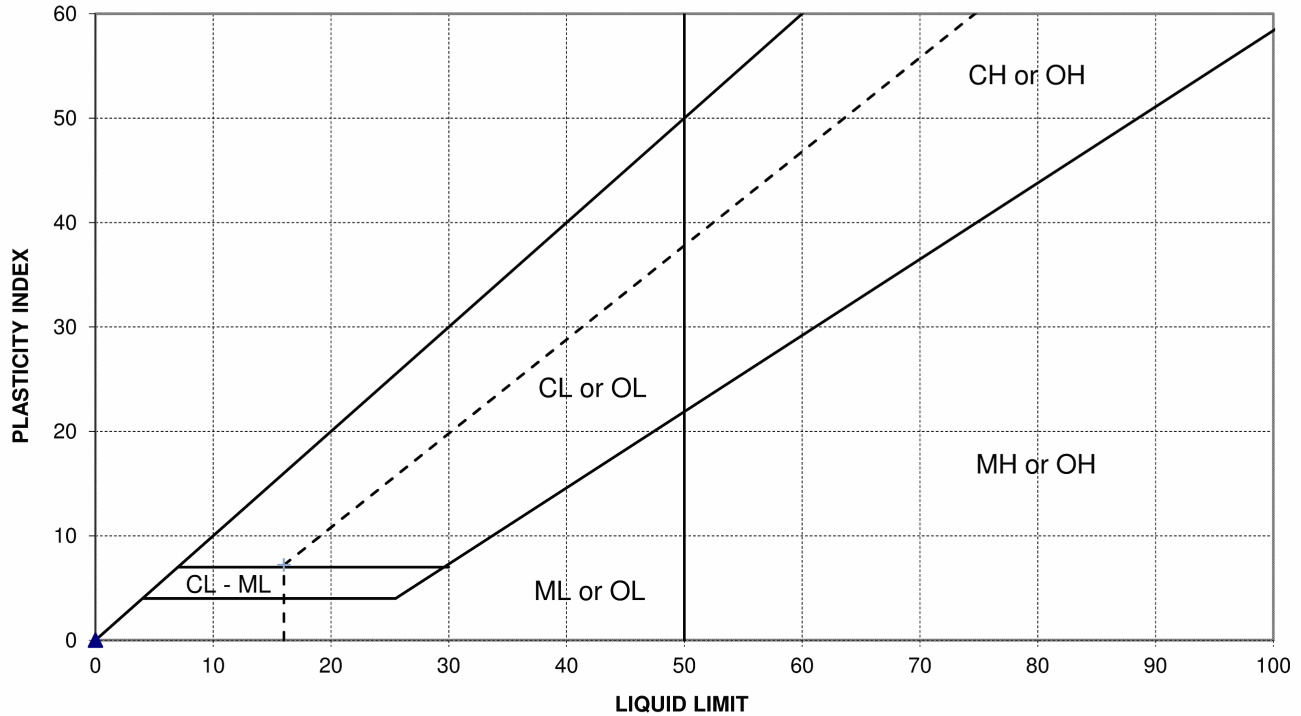
Issued: **5/13/2020**
Field ID: **Sample 1**
Date: **5/11/2020**
Date: **5/11/2020**

Soil Test Report: Atterberg Limits

Tested on **5/12/2020** by **C. Massa**

Material Description: **Silty Sand**

Sample Location: **Ontario Airport - S. of Airport Drive, 1/2 mile W. of Vineyard**



Test Method **ASTM D4318** Specified
Liquid Limit **--**
Plastic Limit **--**
Plasticity Index **NP** ≤ 10
Specification Reference:

Soil Classification: **SM**
ASTM D2487

Reviewed on 5/13/2020 by Jeff M Diaz,
Lab Supervisor

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00481 Rev. 0**
Sampled by: **Charles Chen**
Submitted by: **Jeffery Waller**

Issued: **5/13/2020**
Field ID: **Sample 1**
Date: **5/11/2020**
Date: **5/11/2020**

Expansion Index Test

Tested on **5/12/2020** by **C. Massa**
Material Description: **Silty Sand (SM)**
Sample Location: **Ontario Airport - S. of Airport Drive, 1/2 mile W. of Vineyard**

Test Method:	ASTM D4829	Specified:
Expansion Index :	0	≤30
Dry Density, pcf :	117.2	
Water Content, as molded, %:	8.0	
Final Water Content, %:	12.8	
Initial Saturation, as molded %:	49.6	

Classification of Potentially Expansive Soil

Expansion Index, EI	Potential Expansion
0 - 20	Very Low
21 - 50	Low
51 - 90	Medium
91 - 130	High
Above 130	Very High

Remarks:

Reviewed on 5/13/2020 by Jeff M Diaz,
Lab Supervisor



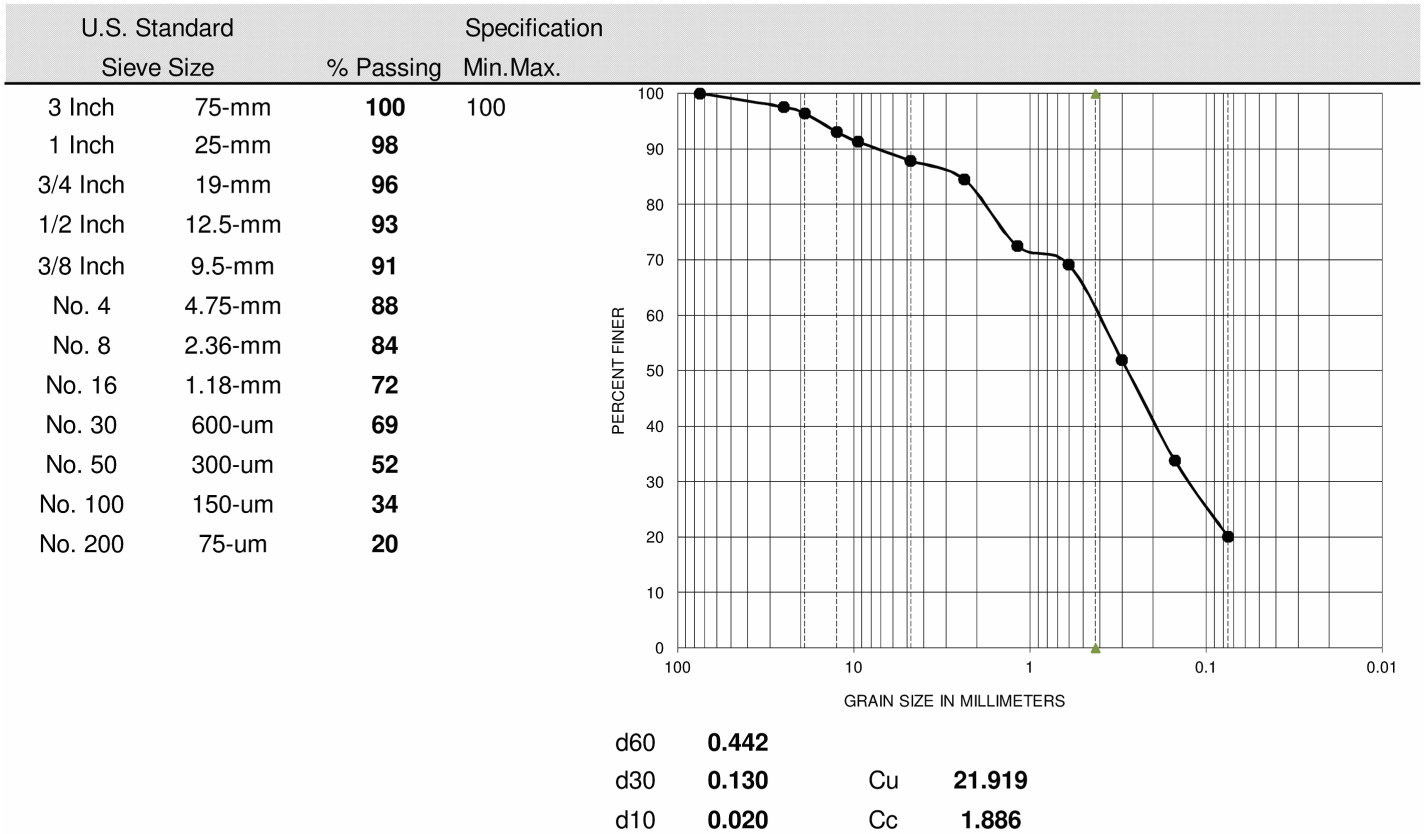
Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00481 Rev. 0**
Sampled by: **Charles Chen**
Submitted by: **Jeffery Waller**

Issued: **5/13/2020**
Field ID: **Sample 1**
Date: **5/11/2020**
Date: **5/11/2020**

Tested on **5/12/2020** by **J. Calderon**
Material Description: **Silty Sand**
Location: **Ontario Airport - S. of Airport Drive, 1/2 mile W. of Vineyard**
Specification Reference: **Updated Geotechnical Report Sec. 9.4.1**
Test Method: **ASTM D6913**



Reviewed on 5/13/2020 by Jeff M Diaz,
Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00481 Rev. 0**
Sampled by: **Charles Chen**
Submitted by: **Jeffery Waller**

Issued: **5/13/2020**
Field ID: **Sample 1**
Date: **5/11/2020**
Date: **5/11/2020**

Tested on **5/12/2020** by **J. Diaz**

Test Method: **ASTM D2974, Method A**

Sample:	Location:	Organic Matter, %	Water Content, %
1	Ontario Airport - S. of Airport Drive, 1/2 mile W. of Vineyard	1.1	4.3

Remarks:

Reviewed on 5/13/2020 by Jeff M Diaz,
Lab Supervisor

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00482 Rev. 0**
Sampled by: **Charles Chen**
Submitted by: **Jeffery Waller**

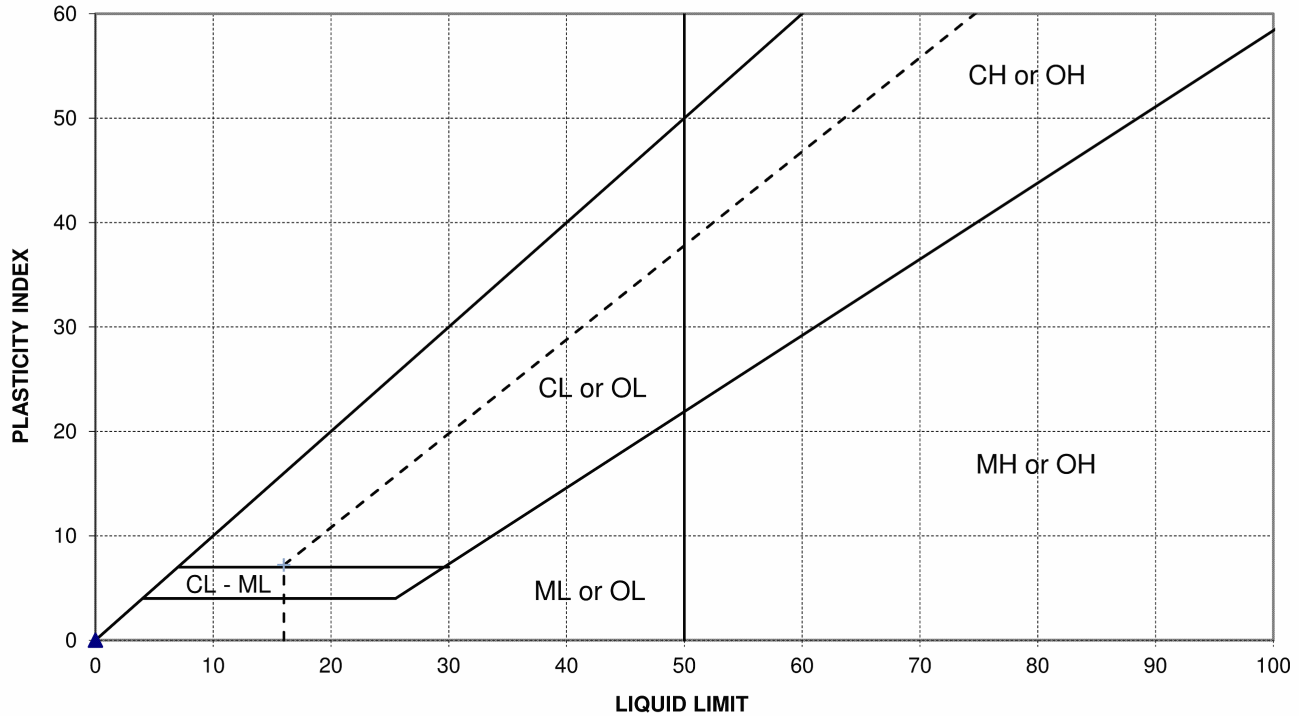
Issued: **5/13/2020**
Field ID: **Sample 2**
Date: **5/11/2020**
Date: **5/11/2020**

Soil Test Report: Atterberg Limits

Tested on **5/12/2020** by **C. Massa**

Material Description: **Silty Sand**

Sample Location: **Ontario Airport - S. of Airport Drive, 1/2 mile W. of Vineyard**



Test Method **ASTM D4318** Specified
Liquid Limit **--**
Plastic Limit **--**
Plasticity Index **NP** ≤ 10
Specification Reference:

Soil Classification: **SM**
ASTM D2487

Reviewed on 5/13/2020 by Jeff M Diaz,
Lab Supervisor

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00482 Rev. 0**
Sampled by: **Charles Chen**
Submitted by: **Jeffery Waller**

Issued: **5/13/2020**
Field ID: **Sample 2**
Date: **5/11/2020**
Date: **5/11/2020**

Expansion Index Test

Tested on **5/12/2020** by **C. Massa**
Material Description: **Silty Sand (SM)**
Sample Location: **Ontario Airport - S. of Airport Drive, 1/2 mile W. of Vineyard**

Test Method: **ASTM D4829** Specified:
Expansion Index : **0** ≤ 30
Dry Density, pcf : **115.9**
Water Content, as molded, %: **8.2**
Final Water Content, %: **13.7**
Initial Saturation, as molded %: **49.3**

Classification of Potentially Expansive Soil

Expansion Index, EI	Potential Expansion
0 - 20	Very Low
21 - 50	Low
51 - 90	Medium
91 - 130	High
Above 130	Very High

Remarks:

Reviewed on 5/13/2020 by Jeff M Diaz,
Lab Supervisor



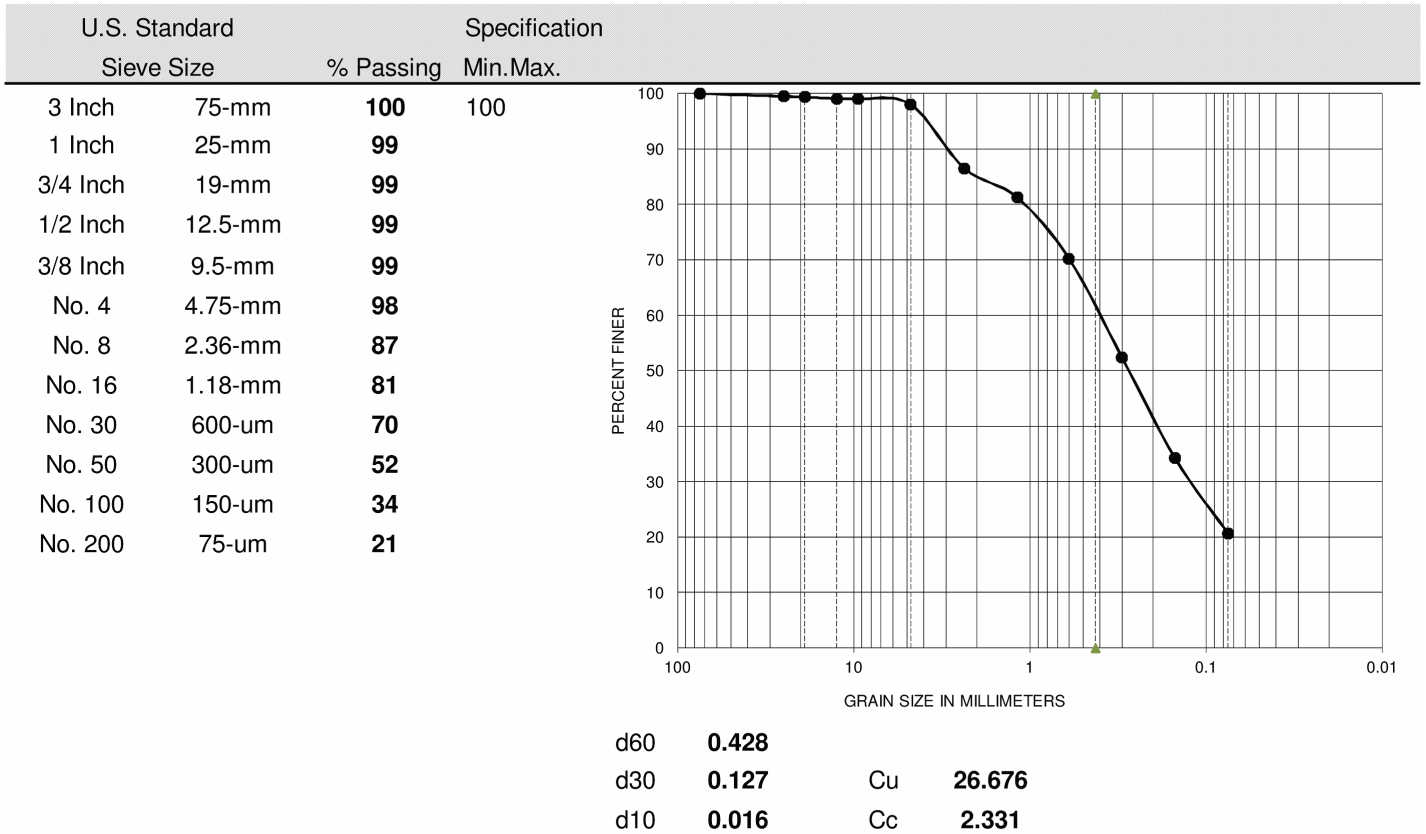
Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00482 Rev. 0**
Sampled by: **Charles Chen**
Submitted by: **Jeffery Waller**

Issued: **5/13/2020**
Field ID: **Sample 2**
Date: **5/11/2020**
Date: **5/11/2020**

Tested on **5/12/2020** by **J. Calderon**
Material Description: **Silty Sand (SM)**
Location: **Ontario Airport - S. of Airport Drive, 1/2 mile W. of Vineyard**
Specification Reference: **Updated Geotechnical Report Sec. 9.4.1**
Test Method: **ASTM D6913**



Reviewed on 5/13/2020 by Jeff M Diaz,
Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00482 Rev. 0**
Sampled by: **Charles Chen**
Submitted by: **Jeffery Waller**

Issued: **5/13/2020**
Field ID: **Sample 2**
Date: **5/11/2020**
Date: **5/11/2020**

Tested on **5/12/2020** by **J. Diaz**

Test Method: **ASTM D2974, Method A**

Sample:	Location:	Organic Matter, %	Water Content, %
2	Ontario Airport - S. of Airport Drive, 1/2 mile W. of Vineyard	1.1	4.9

Remarks:

Reviewed on 5/13/2020 by Jeff M Diaz,
Lab Supervisor

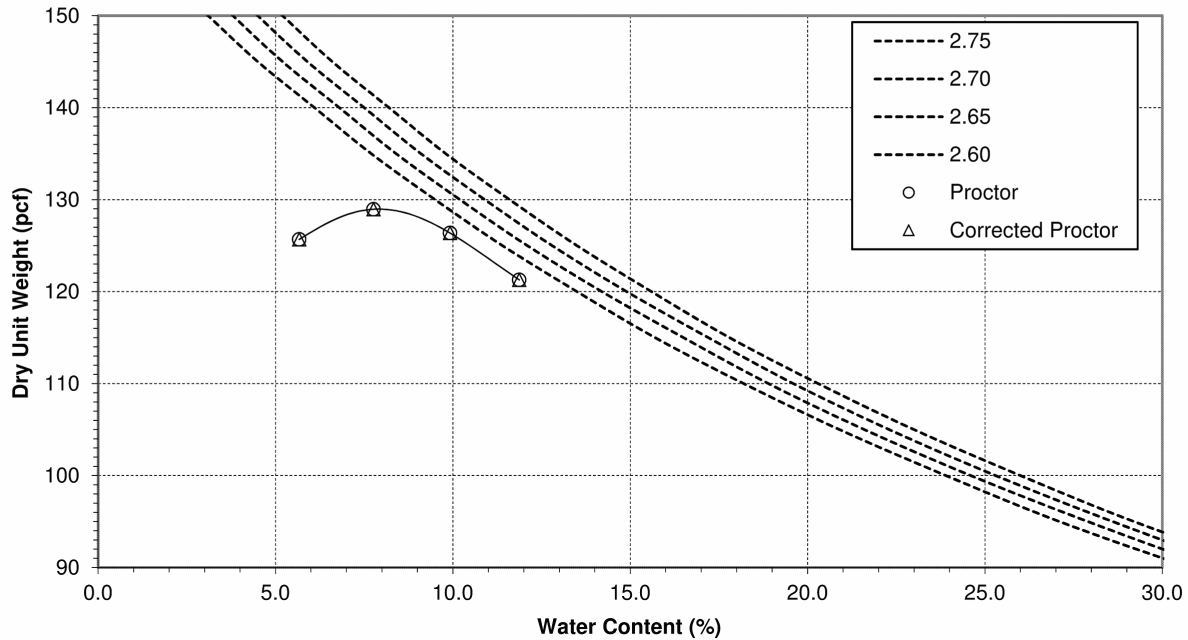
Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00519 Rev. 0** Issued: **5/19/2020**
Sampled by: **Shawn McLaren** Date: **5/18/2020**
Submitted by: **Jeffrey Diaz** Date: **5/18/2020**

Tested on **5/18/2020** by **J. Diaz**
Material Description: **Olive Brown Silty Sand with Gravel (SM)**
Location: **OX**



Test Method: ASTM D1557 B	Uncorrected	Corrected
Maximum Dry Unit Weight (pcf)	129.0	na
Optimum Water Content (%)	7.9	na
Oversize Fraction, retained on 3/8 (%)		<5
Bulk Specific Gravity of Oversize Fraction		na

Rammer Type: Mechanical
Specimen Preparation: Moist

Reviewed on 5/19/2020 by Jeff M Diaz,
Lab Supervisor

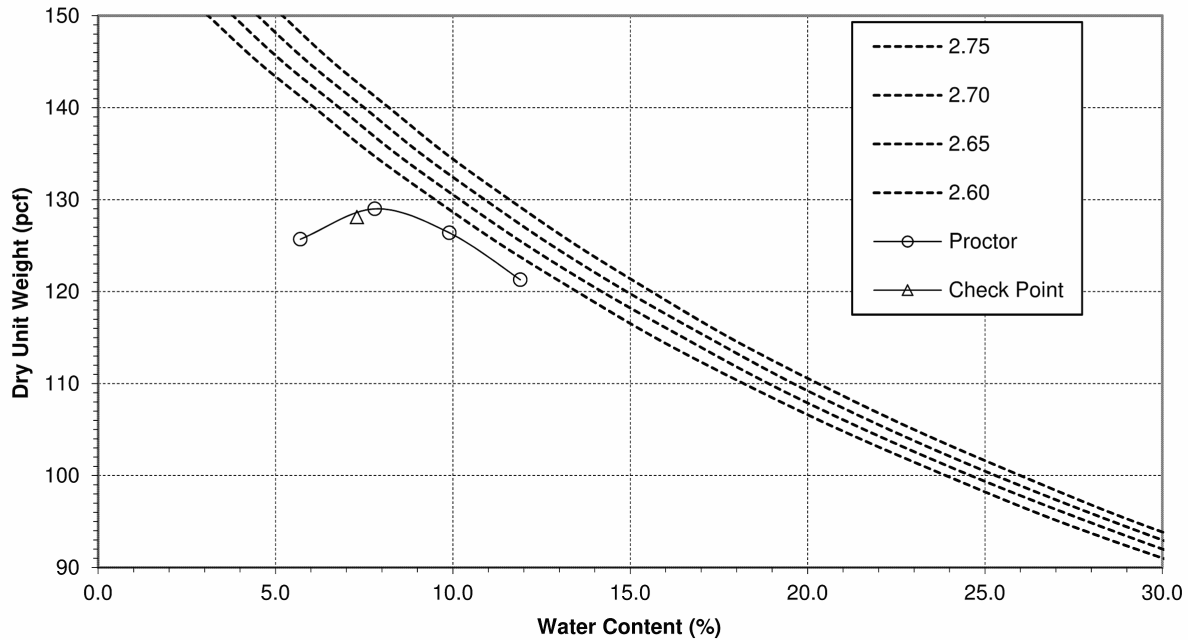


Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00520 Rev. 0** Issued: **5/19/2020**
Sampled by: **Shawn McLaren** Date: **5/18/2020**
Submitted by: **Jeffrey Diaz** Date: **5/18/2020**

Tested on **5/18/2020** by **J. Calderon**
Material Description: **Olive Brown Silty Sand with Gravel (SM)**
Location: **OX**



Test Method: ASTM D1557 B, Check Point	Proctor	Check
Maximum Dry Unit Weight (pcf)	129.0	128.1
Optimum Water Content (%)	7.9	7.3
Proctor Sample Number	20-ONT-00519	

Rammer Type: Manual
Specimen Preparation: Moist

Reviewed on 5/19/2020 by Jeff M Diaz,
Lab Supervisor

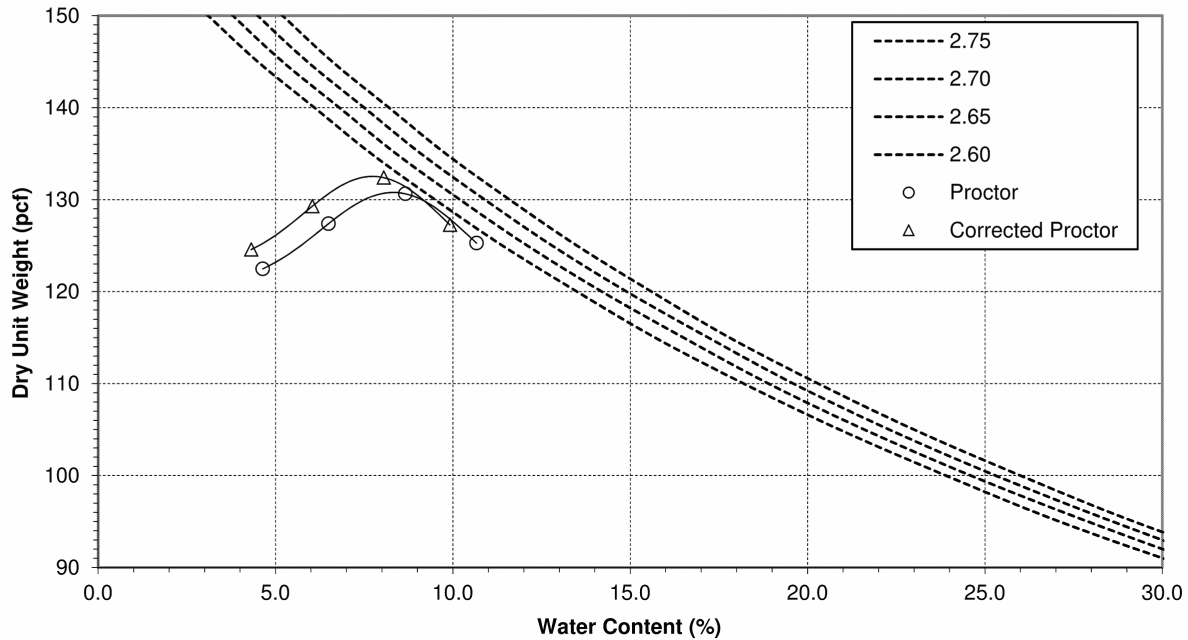


Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00528 Rev. 0** Issued: **5/21/2020**
Sampled by: **Charles Chen** Date: **5/11/2020**
Submitted by: **Julian Calderon** Date: **5/11/2020**

Tested on **5/20/2020** by **J. Calderon**
Material Description: **Brown Silty Sand (SM)**
Location: **Ontario Airport S. of Airport Dr., 1/2 Mile W. of Vineyard**



Test Method: ASTM D1557 B	Uncorrected	Corrected
Maximum Dry Unit Weight (pcf)	130.8	132.5
Optimum Water Content (%)	8.4	7.8
Oversize Fraction, retained on 3/8 (%)		7
Bulk Specific Gravity of Oversize Fraction		2.58

Correction for Oversize Fraction, ASTM D4718

Rammer Type: Manual

Specimen Preparation: Moist

Reviewed on 5/21/2020 by Jeff M Diaz,
Lab Supervisor

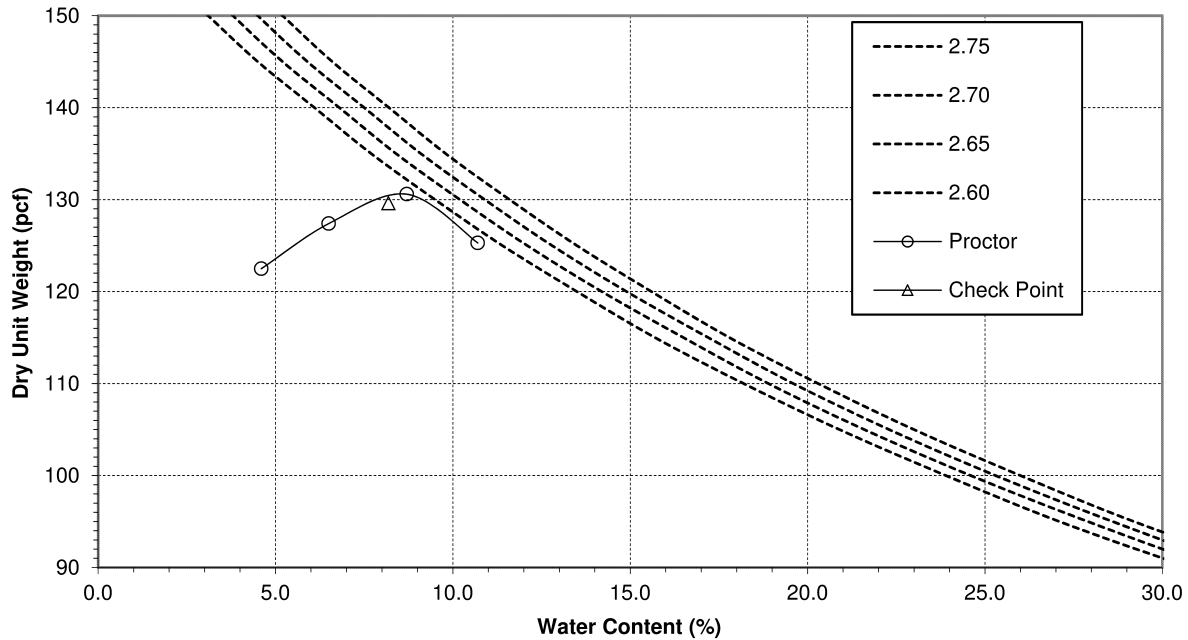


Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00545 Rev. 0** Issued: **5/28/2020**
Sampled by: **Shawn McLaren** Date: **5/22/2020**
Submitted by: **Shawn McLaren** Date: **5/22/2020**

Tested on **5/20/2020** by **J. Calderon**
Material Description: **Olive Brown Silty Sand (SM)**
Location: **Building Foundation**



Test Method: ASTM D1557 B, Check Point	Proctor	Check
Maximum Dry Unit Weight (pcf)	130.8	129.6
Optimum Water Content (%)	8.4	8.2
Proctor Sample Number	20-ONT-00528	

Rammer Type: Manual
Specimen Preparation: Moist

Remarks:
Retained Percentage 6.2. Checkpoint based off uncorrected values.

Reviewed on 5/28/2020 by Jeff M Diaz,
Lab Supervisor





Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00581 Rev. 0**
Sampled by: **Charles Chen**
Submitted by: **Jeffrey Diaz**

Issued: **5/29/2020**
Field ID: **Impot ONT AP**
Date: **5/11/2020**
Date: **5/11/2020**

Aggregate Test Report: Sand Equivalent

Tested on **5/29/2020** by **C. Massa**
Material Description: **Silty Sand (SM)**

Test Method:	CTM 217			Average	Specified:
Trial:	1	2	3		
Sand Equivalent:	42	42	41	42	≥30

Remarks:

Source - Ontario Airport, South of Airport Drive, 1/2 Mile West of Vineyard

Reviewed on 5/29/2020 by Jeff M Diaz,
Lab Supervisor

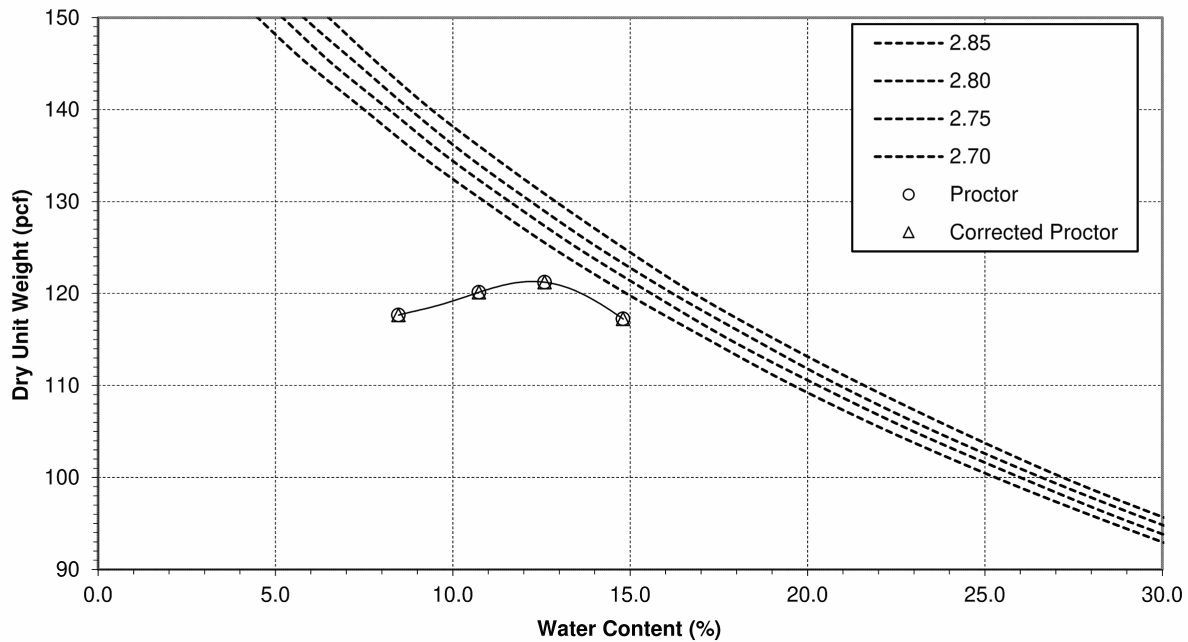
Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00009 Rev. 0** Issued: **1/7/2021**
Sampled by: **Chris Rice** Date: **1/4/2021**
Submitted by: **Julian Calderon** Date: **1/4/2021**

Tested on **1/4/2021** by **J. Calderon**
Material Description: **Olive Brown CMB**
Location: **North Parking Lot**



Test Method: ASTM D1557 C	Uncorrected	Corrected
Maximum Dry Unit Weight (pcf)	121.3	na
Optimum Water Content (%)	12.3	na
Oversize Fraction, retained on 3/4 (%)		<5
Bulk Specific Gravity of Oversize Fraction		na

Rammer Type: Mechanical
Specimen Preparation: Moist

Reviewed on 1/7/2021 by Julian Calderon,
Lab Technician

Appendix C – AC Laboratory Test Results

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00017 Rev. 0** Issued: **1/8/2021**
Sampled by: **Omar Molina** Date: **1/6/2021**
Submitted by: **Cameron Massa** Date: **1/6/2021**

Tested on **1/7/2021** by **Cam Massa**

Supplier:	Holiday Rock - Upland	Layer/Lift:	-
Mix Design No.:	C2 HMA	Ticket No.:	-
Design Type:	Hveem	Cumulative Tons:	198.94
Nominal Max. Agg. Size (in.):	1/2	Temperature of Sample (°F):	314
Gyrations/Blows:	NA	Ambient Air Temperature (°F):	64
Binder Grade:	PG 70-10	Contractor:	Terra Pave Inc.

Specific Location: **North Parking Lot Near Second Light Pole / Center of Parking Lot**
Specification Reference: **2018 Greenbook**

Test Method: **ASTM D2172**

Test Method: **ASTM D5444**

Asphalt Binder		Specification		U.S. Standard		Specification	
Content, %:		Min.	Max.	Sieve Size	% Passing	Min.	Max.
5.2	TWM			1 1/2 Inch	37.5-mm	100	
				1 Inch	25-mm	100	
5.5	DWA	4.6	6.0	3/4 Inch	19-mm	100	100
				1/2 Inch	12.5-mm	100	95
				3/8 Inch	9.5-mm	88	72
				No. 4	4.75-mm	56	46
				No. 8	2.36-mm	38	28
				No. 16	1.18-mm	28	42
				No. 30	600-um	21	15
				No. 50	300-um	15	10
				No. 100	150-um	11	20
				No. 200	75-um	7.0	2

Reviewed on 1/8/2021 by Jeff M Diaz,
Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00017 Rev. 0** Issued: **1/8/2021**
Sampled by: **Omar Molina** Date: **1/6/2021**
Submitted by: **Cameron Massa** Date: **1/6/2021**

Asphalt Test Report: Unit Weight and Stability

Tested on	1/6/2021	by	Cam Massa	
Supplier:	Holiday Rock - Upland	Layer/Lift:	-	
Mix Design No.:	C2 HMA	Ticket No.:	-	
Design Type:	Hveem	Cumulative Tons:	198.94	
Nom. Max Agg Size (in.):	1/2	Sample Temp. (°F):	314	
Gyrations/Blows:	NA	Ambient Air Temp. (°F):	64	
Binder Grade:	PG 70-10	Contractor:	Terra Pave Inc.	

Specific Location:	North Parking Lot Near Second Light Pole / Center of Parking Lot			
Compaction Method:	CTM 304			
Compaction Temp. (°F):	230			Average
Specimen Number:	1	2	3	na
Bulk Specific Gravity	2.347	2.339	2.320	2.335
Density, pcf:	146.1	145.6	144.4	145.4

Test Method:	CTM 366			Specified
Stabilometer Value:	32	39	43	38 33

Remarks:

Reviewed on 1/8/2021 by Jeff M Diaz,
Lab Supervisor

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00252 Rev. 0** Issued: **5/4/2021**
Sampled by: **Shawn McLaren** Date: **4/29/2021**
Submitted by: **Cameron Massa** Date: **4/29/2021**

Tested on **5/3/2021** by **Cam Massa**

Supplier:	Holiday Rock	Layer/Lift:	3" Lift
Mix Design No.:	Greenbook C2	Ticket No.:	11900524
Design Type:	Hveem	Cumulative Tons:	Not Provided
Nominal Max. Agg. Size (in.):	1/2	Temperature of Sample (°F):	310
Gyrations/Blows:	NA	Ambient Air Temperature (°F):	80
Binder Grade:	PG 70-10	Contractor:	Terra Pave

Specific Location: **Parking Lot**
Specification Reference: **Greenbook 2021**

Test Method: CTM 382-2003				Test Method: CTM 202			
Asphalt Binder		Specification		U.S. Standard		Specification	
Content, %:		Min.	Max.	Sieve Size	% Passing	Min.	Max.
5.9	DWA	4.6	6.0	1 1/2 Inch	37.5-mm	100	
				1 Inch	25-mm	100	
				3/4 Inch	19-mm	100	100
				1/2 Inch	12.5-mm	100	95
				3/8 Inch	9.5-mm	92	72
				No. 4	4.75-mm	62	46
				No. 8	2.36-mm	42	28
				No. 16	1.18-mm	31	-
				No. 30	600-um	23	15
				No. 50	300-um	17	10
				No. 100	150-um	12	-
				No. 200	75-um	7.7	2
Ignition Temp, C:		538					

Remarks:

***No Correction Factor Determined for this Mix**

Reviewed on 5/4/2021 by Cameron Massa,
Technician III

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00252 Rev. 0** Issued: **5/4/2021**
Sampled by: **Shawn McLaren** Date: **4/29/2021**
Submitted by: **Cameron Massa** Date: **4/29/2021**

Asphalt Test Report: Theoretical Maximum Specific Gravity

Tested on	5/3/2021	by	Cam Massa		
Supplier:	Holiday Rock	Layer/Lift:		3" Lift	
Mix Design No.:	Greenbook C2	Ticket No.:		11900524	
Design Type:	Hveem	Cumulative Tons:		Not Provided	
Nom. Max Agg Size (in.):	1/2	Temperature of Sample (°F):		310	
Gyrations/Blows:	NA	Ambient Air Temp. (°F):		80	
Binder Grade:	PG 70-10	Contractor:		Terra Pave	

Specific Location: **Parking Lot**

Test Method: **CTM 309**
Theoretical Max Specific Gravity: **2.478**
Theoretical Max Density, pcf: **154.2**

Remarks:

Reviewed on 5/4/2021 by Cameron Massa,
Technician III

Laboratory Test Report

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00252 Rev. 0** Issued: **5/4/2021**
Sampled by: **Shawn McLaren** Date: **4/29/2021**
Submitted by: **Cameron Massa** Date: **4/29/2021**

Asphalt Test Report: Unit Weight and Stability

Tested on	5/3/2021	by	Cam Massa	Layer/Lift:	3" Lift
Supplier:	Holiday Rock			Ticket No.:	11900524
Mix Design No.:	Greenbook C2			Cumulative Tons:	Not Provided
Design Type:	Hveem			Sample Temp. (°F):	310
Nom. Max Agg Size (in.):	1/2			Ambient Air Temp. (°F):	80
Gyrations/Blows:	NA			Contractor:	Terra Pave
Binder Grade:	PG 70-10				

Specific Location:	Parking Lot			
Compaction Method:	CTM 304			
Compaction Temp. (°F):	230			Average
Specimen Number:	1	2	3	na
Bulk Specific Gravity	2.389	2.393	2.389	2.391
Density, pcf:	148.7	149.0	148.7	148.8

Test Method:	CTM 366			Specified
Stabilometer Value:	45	36	34	38 33

Remarks:

Reviewed on 5/4/2021 by Cameron Massa,
Technician III

Appendix D – Compressive Strength Results

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00649 Rev. 0** Issued: **7/8/2020**
Sampled by: **Tim Miller** Date: **6/10/2020**
Submitted by: **Julian Calderon** Date: **6/11/2020**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C40L600**
Cement Type: **II/V**
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy): **6.44**
Max. Size Agg. (in.): **1**
Admixtures: **POZZ 700N**

Source of Sample: **Footing - Pool Surge Pit Footing**

		Measured	Min	Max	Method
Contractor:	Hamel Constuction, JPI, KAR constuction	Slump (in):	4"		C143
Truck/Ticket/Load:	250 / 101159452 / 1	Ambient Air Temperature (°F):	77		
Time Sampled:	8:30 am	Mix temperature (°F):	72		C1064
Time Batched:	7:47 am	Air Content (%):			na
Time in Truck (mins.):	43	Unit Weight (pcf):			na
Curing Method:	Moist Room	Batch Size (cy):	10		
Field Cure Time:	24 hrs.	Water Added (gal):	0		

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	6/13/2020	J. Diaz	3	6.00	12.0	28.27	Cone and Split	92,600	3,280
B	6/17/2020	J. Calderon	7	6.01	12.0	28.37	Side Fracture	108,300	3,820
C	7/8/2020	J. Diaz	28	6.01	12.0	28.37	Side Fracture	130,590	4,600
D	7/8/2020	J. Diaz	28	6.01	12.0	28.37	Side Fracture	129,810	4,580
E			Hold						

Average 28 day strength (psi): **4,590**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 7/8/2020
by Jeff M Diaz, Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00710 Rev. 0** Issued: **7/21/2020**

Sampled by: **Christian Cruz** Date: **6/23/2020**
Submitted by: **Julian Calderon** Date: **6/24/2020**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C40L600**
Cement Type: **II/V**
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy): **6.44**
Max. Size Agg. (in.): **1**
Admixtures: **POZZ 700N**

Source of Sample: **Wall Panel - Surge Tank Walls**

Contractor:	KAR Construction	Slump (in):	4	Min	3	Max	5	Method	C143
Truck/Ticket/Load:	315-106018471-1	Ambient Air Temperature (°F):	64		40				
Time Sampled:	8:20 am	Mix temperature (°F):	75			90			C1064
Time Batched:	7:39 am	Air Content (%):							C231
Time in Truck (mins.):	41	Unit Weight (pcf):							C138
Curing Method:	Moist Room	Batch Size (cy):	10						
Field Cure Time:	24 hrs.	Water Added (gal):	0						

Test Method: **CTM 521**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	6/30/2020	J. Calderon	7	6.00	12.0	28.27	Columnar	117,090	4,140
B	7/21/2020	J. Calderon	28	6.01	12.0	28.37	Side Fracture	142,440	5,020
C	7/21/2020	J. Calderon	28	6.00	12.0	28.27	Cone and Split	138,190	4,890
D			Hold						

Average 28 day strength (psi): **4,960**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 7/21/2020
by Jeff M Diaz, Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00970 Rev. 0**
Sampled by: **Shawn McLaren**
Submitted by: **Julian Calderon**

Issued: **8/26/2020**
Field ID: **SM_20200729_1126**
Date: **7/29/2020**
Date: **7/30/2020**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C40L600**
Cement Type: **II/V**
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy): **6.44**
Max. Size Agg. (in.): **1**
Admixtures: **POZZ 700N**

Source of Sample: **Footing - Pool building footings**

		Measured	Min	Max	Method
Contractor:	KAR	Slump (in):	6		C143
Truck/Ticket/Load:	718 / 128017855 / 2	Ambient Air Temperature (°F):	88		
Time Sampled:	11:26 am	Mix temperature (°F):	88		C1064
Time Batched:	10:57 am	Air Content (%):			na
Time in Truck (mins.):	29	Unit Weight (pcf):			na
Curing Method:	Moist Room	Batch Size (cy):	10		
Field Cure Time:	24 hrs.	Water Added (gal):			

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/5/2020	J. Calderon	7	6.01	12.0	28.37	Side Fracture	91,630	3,230
B	8/26/2020	J. Calderon	28	6.00	12.0	28.27	Shear	117,240	4,150
C	8/26/2020	J. Calderon	28	6.03	12.0	28.56	Shear	119,880	4,200
D			Hold						

Average 28 day strength (psi): **4,180**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 8/26/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00995 Rev. 0**
Sampled by: **Jimmy Monterroso**
Submitted by: **Julian Calderon**

Issued: **8/28/2020**
Field ID: **JM_20200731_0800**
Date: **7/31/2020**
Date: **8/1/2020**

Supplier: **Holliday rock**
Mix ID: **3c40I001**
Cement Type:
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.):
Admixtures:

Source of Sample: **Slab-on-Grade - Wes End of Pool Floor**

	Measured	Min	Max	Method
Contractor:				
Truck/Ticket/Load:	725 / 101162740 / 1			
Time Sampled:	8:00 am			
Time Batched:	7:30 am			
Time in Truck (mins.):	30			
Curing Method:	Moist Room			
Field Cure Time:	24 hrs.			
Slump (in):	5	3	5	C143
Ambient Air Temperature (°F):				
Mix temperature (°F):	75			C1064
Air Content (%):				
Unit Weight (pcf):				
Batch Size (cy):	10			
Water Added (gal):				

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/7/2020	J. Calderon	7	6.02	12.0	28.46	Columnar	104,340	3,670
B	8/28/2020	J. Calderon	28	6.00	12.0	28.27	Columnar	121,480	4,300
C	8/28/2020	J. Calderon	28	5.99	12.0	28.18	Side Fracture	122,050	4,330
D			Hold						

Average 28 day strength (psi): **4,320**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 8/28/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-00996 Rev. 0**
Sampled by: **Jimmy Monterroso**
Submitted by: **Julian Calderon**

Issued: **8/28/2020**
Field ID: **JM_20200731_1000**
Date: **7/31/2020**
Date: **8/1/2020**

Supplier: **Holliday rock**
Mix ID: **3c40I001**
Cement Type:
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.):
Admixtures:

Source of Sample: **Slab-on-Grade - 23' E from West End of Pool Floor**

	Measured	Min	Max	Method
Contractor:				
Truck/Ticket/Load:	726 / 101162758 / 5			
Time Sampled:	10:00 am			
Time Batched:	9:14 am			
Time in Truck (mins.):	46			
Curing Method:	Moist Room			
Field Cure Time:	24 hrs.			
Slump (in):	6.5	3	5	C143
Ambient Air Temperature (°F):				
Mix temperature (°F):	80			C1064
Air Content (%):				
Unit Weight (pcf):				
Batch Size (cy):	10			
Water Added (gal):				

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/7/2020	J. Calderon	7	6.04	12.0	28.65	Cone	94,330	3,290
B	8/28/2020	J. Calderon	28	6.01	12.0	28.37	Columnar	116,540	4,110
C	8/28/2020	J. Calderon	28	6.00	12.0	28.27	Columnar	109,960	3,890
D			Hold						

Average 28 day strength (psi): **4,000**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 8/28/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Mortar Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01022 Rev. 0**
Sampled by: **Tim Miller**
Submitted by: **Julian Calderon**

Issued: **8/31/2020**
Field ID: **TM_20200803_0830**
Date: **8/3/2020**
Date: **8/4/2020**

Supplier: **Orco**
Mix No: **Masonry Mortar Type-S**

Design Strength: **1,800 psi @ 28 days**

Source of Sample: **Masonry Wall - Pool Equipment Building Exterior Walls First Course**

		Measured	Min	Max	Method
Contractor:	Hamel Contracting/Haxton Masonry/KAR C	Ambient Air Temperature (°F):	90		
Time Sampled:	8:30AM	Mix temperature (°F):			na
Time Batched:	8:20AM				
Curing Method:	Moist Room				
Field Cure Time:	24 hrs.				

Test Method: **ASTM C780 - Mortar Board**

Capping Method: **Bonded (ASTM C 617)**

	Date Tested	Age (days)	Length	Diam.	Height	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/31/2020	28	4.02	2.00		3.14	7,340	2,340
B	8/31/2020	28	4.01	2.00		3.14	6,590	2,100
C	8/31/2020	28	4.01	2.00		3.14	6,240	1,990

Average 28 day strength (psi): **2,140**

**Please note that ASTM C1586 states that field prepared specimens of mortar (either following ASTM C270 or ASTM C780) should not be used to verify compressive strengths of in-place mortar. The above results should not be construed as being representative of the actual strength of the mortar in the masonry.

Reviewed on 8/31/2020
by Julian Calderon, Lab Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Mortar Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01033 Rev. 0**
Sampled by: **Tim Miller**
Submitted by: **Julian Calderon**

Issued: **9/1/2020**
Field ID: **TM_20200804_0950**
Date: **8/4/2020**
Date: **8/5/2020**

Supplier: **Orco**
Mix No: **Masonry Mortar Type-S**

Design Strength: **1,800 psi @ 28 days**

Source of Sample: **Masonry Wall - Pool Building North Wall**

Contractor:	Hamel Contracting/Haxton Masonry	Ambient Air Temperature (°F):	86	Measured	Min	Max	Method
Time Sampled:	9:50AM	Mix temperature (°F):					na
Time Batched:	9:30AM						
Curing Method:	Moist Room						
Field Cure Time:	24 hrs.						

Test Method: **ASTM C780 - Mortar Board**

Capping Method: **Bonded (ASTM C 617)**

	Date Tested	Age (days)	Length	Diam.	Height	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	9/1/2020	28	4.01	2.00		3.14	7,960	2,530
B	9/1/2020	28	4.00	2.00		3.14	8,360	2,660
C	9/1/2020	28	4.00	2.00		3.14	6,534	2,080

Average 28 day strength (psi): **2,420**

**Please note that ASTM C1586 states that field prepared specimens of mortar (either following ASTM C270 or ASTM C780) should not be used to verify compressive strengths of in-place mortar. The above results should not be construed as being representative of the actual strength of the mortar in the masonry.

Reviewed on 9/1/2020

by Julian Calderon, Lab Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Mortar Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01046 Rev. 0**
Sampled by: **Tim Miller**
Submitted by: **Julian Calderon**

Issued: **9/2/2020**
Field ID: **TM_20200805_0935**
Date: **8/5/2020**
Date: **8/7/2020**

Supplier: **Orco**
Mix No: **Masonry Mortar Type-S**

Design Strength: **1,800 psi @ 28 days**

Source of Sample: **Masonry Wall - Pool building walls**

Contractor:	Hamel Contracting/ Haxton Masonry	Ambient Air Temperature (°F):	76	Measured	Min	Max	Method
Time Sampled:	9:35AM	Mix temperature (°F):					na
Time Batched:	9:20AM						
Curing Method:	Moist Room						
Field Cure Time:	48 hrs.						

Test Method: **ASTM C780 - Mortar Board**

Capping Method: **Bonded (ASTM C 617)**

	Date Tested	Age (days)	Length	Diam.	Height	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	9/2/2020	28	4.03	2.00		3.14	5,820	1,850
B	9/2/2020	28	4.00	2.00		3.14	6,620	2,110
C	9/2/2020	28	4.01	2.00		3.14	7,440	2,370

Average 28 day strength (psi): **2,110**

**Please note that ASTM C1586 states that field prepared specimens of mortar (either following ASTM C270 or ASTM C780) should not be used to verify compressive strengths of in-place mortar. The above results should not be construed as being representative of the actual strength of the mortar in the masonry.

Reviewed on 9/2/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Mortar Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01058 Rev. 0**
Sampled by: **Jimmy Monterroso**
Submitted by: **Julian Calderon**

Issued: **9/4/2020**
Field ID: **JM_20200807_0900**
Date: **8/7/2020**
Date: **8/11/2020**

Supplier: **Orco**
Mix No: **Masonry Mortar Type-S**

Design Strength: **1,800 psi @ 28 days**

Source of Sample: **Masonry Wall - Pool building CMU walls**

		Measured	Min	Max	Method
Contractor:	Haxton masonry	Ambient Air Temperature (°F):	71		
Time Sampled:	9:00AM	Mix temperature (°F):	75		C1064
Time Batched:	8:45AM				
Curing Method:	Moist Room				
Field Cure Time:	96 hrs.				

Test Method: **ASTM C780 - Batch Mixer**

Capping Method: **Bonded (ASTM C 617)**

	Date Tested	Age (days)	Length	Diam.	Height	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/14/2020	7						
B	9/4/2020	28	4.00	1.95		2.99	5,760	1,930
C	9/4/2020	28	4.00	1.96		3.02	6,010	1,990

Average 28 day strength (psi): **1,960**

**Please note that ASTM C1586 states that field prepared specimens of mortar (either following ASTM C270 or ASTM C780) should not be used to verify compressive strengths of in-place mortar. The above results should not be construed as being representative of the actual strength of the mortar in the masonry.

Reviewed on 9/4/2020
by Julian Calderon, Lab Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Mortar Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01059 Rev. 0**
Sampled by: **Jimmy Monterroso**
Submitted by: **Julian Calderon**

Issued: **9/11/2020**
Field ID: **JM_20200810_1100**
Date: **8/10/2020**
Date: **8/11/2020**

Supplier: **Orco**
Mix No: **Masonry Mortar Type-S**

Design Strength: **1,800 psi @ 28 days**

Source of Sample: **Masonry Wall - N/E corner of pool equipment building**

	Measured	Min	Max	Method
Contractor: Hamel	Ambient Air Temperature (°F): 79			
Time Sampled: 11:00AM	Mix temperature (°F): 78			C1064
Time Batched: 10:45AM				
Curing Method: Moist Room				
Field Cure Time: 24 hrs.				

Test Method: **ASTM C780 - Batch Mixer**

Capping Method: **Bonded (ASTM C 617)**

	Date Tested	Age (days)	Length	Diam.	Height	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/17/2020	7	4.06	2.00		3.14	4,210	1,340
B	9/7/2020	28	4.00	2.00		3.14	5,750	1,830
C	9/7/2020	28	3.99	2.00		3.14	5,690	1,810

Average 28 day strength (psi): **1,820**

**Please note that ASTM C1586 states that field prepared specimens of mortar (either following ASTM C270 or ASTM C780) should not be used to verify compressive strengths of in-place mortar. The above results should not be construed as being representative of the actual strength of the mortar in the masonry.

Reviewed on 9/11/2020

by Jeff M Diaz, Lab Supervisor

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01150 Rev. 1**
Sampled by: **Christian Castanar**
Submitted by: **Julian Calderon**

Issued: **9/16/2020**
Field ID: **CC_20200819_0735**
Date: **8/19/2020**
Date: **8/20/2020**

Supplier: **Holliday Rock**
Mix ID: **3C40L600**
Cement Type:
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.):
Admixtures:

Source of Sample: **Footing - Footing**

		Measured	Min	Max	Method
Contractor:	Hamel	Slump (in):	4	4	C143
Truck/Ticket/Load:	254 / / 2	Ambient Air Temperature (°F):	85		
Time Sampled:	7:35 am	Mix temperature (°F):	81		C1064
Time Batched:		Air Content (%):			na
Time in Truck (mins.):		Unit Weight (pcf):			na
Curing Method:	Moist Room	Batch Size (cy):	10		
Field Cure Time:	24 hrs.	Water Added (gal):	0		

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/26/2020	J. Calderon	7	5.98	11.9	28.09	Side Fracture	100,900	3,590
B	9/16/2020	J. Calderon	28	6.01	12.0	28.37	Side Fracture	124,970	4,410
C	9/16/2020	J. Calderon	28	6.00	12.0	28.27	Side Fracture	115,630	4,090
D			Hold						

Average 28 day strength (psi): **4,250**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 9/16/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01151 Rev. 0**
Sampled by: **Christian Castanar**
Submitted by: **Julian Calderon**

Issued: **9/16/2020**
Field ID: **CC_20200819_0915**
Date: **8/19/2020**
Date: **8/20/2020**

Supplier: **Holliday Rock**
Mix ID: **3C40L600**
Cement Type:
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.):
Admixtures:

Source of Sample: **Footing - Footing**

		Measured	Min	Max	Method
Contractor:	Hamel	Slump (in):	3.75	4	C143
Truck/Ticket/Load:	254 / 106018893 / 7	Ambient Air Temperature (°F):	90		
Time Sampled:	9:15 am	Mix temperature (°F):	84		C1064
Time Batched:		Air Content (%):			na
Time in Truck (mins.):		Unit Weight (pcf):			na
Curing Method:	Moist Room	Batch Size (cy):	10		
Field Cure Time:	24 hrs.	Water Added (gal):	0		

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/26/2020	J. Calderon	7	5.99	11.9	28.18	Side Fracture	104,680	3,710
B	9/16/2020	J. Calderon	28	6.01	12.0	28.37	Side Fracture	128,530	4,530
C	9/16/2020	J. Calderon	28	6.01	12.0	28.37	Side Fracture	134,080	4,730
D			Hold						

Average 28 day strength (psi): **4,630**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 9/16/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01152 Rev. 0**
Sampled by: **Christian Castanar**
Submitted by: **Julian Calderon**

Issued: **9/16/2020**
Field ID: **CC_20200819_1020**
Date: **8/19/2020**
Date: **8/20/2020**

Supplier: **Holliday Rock**
Mix ID: **3C40L600**
Cement Type:
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.):
Admixtures:

Source of Sample: **Footing - Footing**

		Measured	Min	Max	Method
Contractor:	Hamel	Slump (in):	3.75	4	C143
Truck/Ticket/Load:	727 / / 10	Ambient Air Temperature (°F):	93		
Time Sampled:	10:20 am	Mix temperature (°F):	83		C1064
Time Batched:		Air Content (%):			na
Time in Truck (mins.):		Unit Weight (pcf):			na
Curing Method:	Moist Room	Batch Size (cy):	10		
Field Cure Time:	24 hrs.	Water Added (gal):	0		

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/26/2020	J. Calderon	7	6.00	12.0	28.27	Shear	112,680	3,990
B	9/16/2020	J. Calderon	28	6.01	12.0	28.37	Cone and Split	138,370	4,880
C	9/16/2020	J. Calderon	28	6.00	12.0	28.27	Side Fracture	129,550	4,580
D			Hold						
Average 28 day strength (psi):								4,730	
Specified Strength (psi) @ 28 days :								4,000	

Reviewed on 9/16/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Masonry Grout Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01202 Rev. 0**
Sampled by: **Jacob Collins**
Submitted by: **Julian Calderon**

Issued: **9/21/2020**
Field ID: **JC_20200824_0623**
Date: **8/24/2020**
Date: **8/26/2020**

Supplier: **Rancho Ready Mix**
Mix ID: **20ec62xx**
Cement Type:
Design Strength: **2,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.):
Admixtures:

Source of Sample: **Wall Panel - E/8**

Contractor:	Act 1 Construction	Slump (in):	9	Measured	Min	Max	Method
Truck/Ticket/Load:	93 / 144072 / 1	Ambient Air Temperature (°F):	77				C143
Time Sampled:	6:23AM	Mix temperature (°F):	84.2				C1064
Time Batched:	5:06AM	Batch Size (cy):	10				
Time in Truck (mins.):	77	Water Added (gal):	25				
Curing Method:	Moist Room						
Field Cure Time:	48 hrs.						

Test Method: **ASTM C1019**

Capping Method: **Bonded (ASTM C617)**

	Date Tested	Tested By	Age (days)	Average Height (in.)	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	9/21/2020	J. Calderon	28	7.7	10.2	Type 6-Side Fractures	39,450	3,850
B	9/21/2020	J. Calderon	28	7.7	10.5	Type 3-Columnar	36,190	3,460
C	9/21/2020	J. Calderon	28	7.7	10.6	Type 6-Side Fractures	30,140	2,850
D			Hold					

Average 28 day strength (psi): 3,390
Specified Strength (psi) @ 28 days : 2,000
Standard Deviation:

Reviewed on 9/21/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Masonry Grout Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01203 Rev. 0**
Sampled by: **Jimmy Monterroso**
Submitted by: **Julian Calderon**

Issued: **9/21/2020**
Field ID: **JM_20200824_1015**
Date: **8/24/2020**
Date: **8/25/2020**

Supplier: **Robertsons**
Mix ID: **61833**
Cement Type:
Design Strength: **3,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.): **3/8**
Admixtures: **Grout Aid**

Source of Sample: **Masonry Wall - East CMU wall for pool equipment room**

	Measured	Min	Max	Method
Contractor:	Slump (in): 9			C143
Truck/Ticket/Load: 1777 / 5436208 / 1	Ambient Air Temperature (°F): 82			
Time Sampled: 10:15AM	Mix temperature (°F): 85			C1064
Time Batched: 8:14AM	Batch Size (cy): 9			
Time in Truck (mins.): 121	Water Added (gal):			
Curing Method: Moist Room				
Field Cure Time: 24 hrs.				

Test Method: **ASTM C942**

Capping Method: **Bonded (ASTM C617)**

	Date Tested	Tested By	Age (days)	Average Height (in.)	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	8/31/2020	J. Calderon	7	6.0	9.2	Type 4-Shear	23,430	2,550
B	9/21/2020	J. Calderon	28	5.3	10.3	Type 6-Side Fractures	40,700	3,960
C	9/21/2020	J. Calderon	28	5.9	10.4	Type 6-Side Fractures	44,560	4,290
D	9/21/2020	J. Calderon	28	5.5	10.1	Type 6-Side Fractures	43,260	4,290

Average 28 day strength (psi): **4,180**
Specified Strength (psi) @ 28 days : **3,000**
Standard Deviation:

Remarks: **Truck exeeded recomendad 90 min. mixing time, contractor was informed**

Reviewed on 9/21/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Masonry Prism Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01206 Rev. 0**
Sampled by: **Jimmy Monterroso**
Submitted by: **Julian Calderon**

Issued: **9/25/2020**
Field ID: **JM_20200824_1130**
Date: **8/24/2020**
Date: **8/28/2020**

Source of Sample: **Masonry Wall - SW corner of building**

Contractor:
Constructed By:
Transported By:
Curing Method: **Moist Room**

Prism Type:
Mortar Type:
Grout Type:
Unit Size, nominal (in.):
Unit Type:

Test Method: **ASTM C1314**

Capping Method: **ASTM C1552**

	Date Tested	Age (days)	Length	Width	Height	Net Area (sq. in)	Correction Factor	Mode of Failure	Ultimate Load (lbs)	Compressive Strength (psi)
A	9/21/2020	28	7.63	7.48	11.7	57.07	0.89	Cone & Shear	131,110	2,040
B	9/21/2020	28	7.96	7.48	11.8	59.54	0.89	Cone & Shear	135,490	2,030
C	9/21/2020	28	7.70	7.48	11.8	57.59	0.89	Cone & Shear	138,570	2,140

Average 28 day strength (psi): 2,070
Specified Strength (psi) @ 28 days : 1,500

Reviewed on 9/25/2020
by Julian Calderon, Lab Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01218 Rev. 0**
Sampled by: **Shawn McLaren**
Submitted by: **Julian Calderon**

Issued: **9/25/2020**
Field ID: **SM_20200828_1200**
Date: **8/28/2020**
Date: **8/31/2020**

Supplier: **Holiday rock**
Mix ID: **3C40L600**
Cement Type:
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.):
Admixtures:

Source of Sample: **Footing - Footing @ GL: 9/E**

		Measured	Min	Max	Method
Contractor:	KAR				
Truck/Ticket/Load:	278 / 101164607 / 2				
Time Sampled:	12:00 pm				
Time Batched:	11:19 am				
Time in Truck (mins.):	41				
Curing Method:	Moist Room				
Field Cure Time:	72 hrs.				
	Slump (in):	5.5			C143
	Ambient Air Temperature (°F):	95			
	Mix temperature (°F):	80			C1064
	Air Content (%):				na
	Unit Weight (pcf):				na
	Batch Size (cy):	10			
	Water Added (gal):	5			

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	9/4/2020	J. Calderon	7	6.01	12.0	28.37	Shear	96,830	3,410
B	9/25/2020	J. Calderon	28	6.01	12.0	28.37	Side Fracture	124,230	4,380
C	9/25/2020	J. Calderon	28	6.01	12.0	28.37	Side Fractures	123,040	4,340
D			Hold						

Average 28 day strength (psi): **4,360**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 9/25/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01317 Rev. 0** Issued: **10/14/2020**

Sampled by: **Brian Pheng** Date: **9/16/2020**
Submitted by: **Julian Calderon** Date: **9/17/2020**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C40L600**
Cement Type: **II/V**
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy): **6.44**
Max. Size Agg. (in.): **1**
Admixtures: **POZZ 700N**

Source of Sample: **Slab-on-Grade - Foundation Slab on Grade. Gridline C. 5/2**

		Measured	Min	Max	Method
Contractor:	Hamel	Slump (in):	4		C143
Truck/Ticket/Load:	292-101165384-2	Ambient Air Temperature (°F):	66		
Time Sampled:	7:20 am	Mix temperature (°F):	80		C1064
Time Batched:	6:48 am	Air Content (%):			C231
Time in Truck (mins.):	32	Unit Weight (pcf):			C138
Curing Method:	Moist Room	Batch Size (cy):	10		
Field Cure Time:	24 hrs.	Water Added (gal):	10		

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	9/23/2020	J. Diaz	7	6.01	12.0	28.37	Side Fracture	112,750	3,970
B	10/14/2020	J. Diaz	28	6.02	12.0	28.46	Side Fracture	130,260	4,580
C	10/14/2020	J. Diaz	28	6.00	12.0	28.27	Columnar	130,300	4,610
D			Hold						

Average 28 day strength (psi): **4,600**
Specified Strength (psi) @ 28 days : **4,000**

Remarks: **Set 1**

Reviewed on 10/14/2020
by Jeff M Diaz, Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01318 Rev. 0** Issued: **10/14/2020**

Sampled by: **Brian Pheng** Date: **9/16/2020**
Submitted by: **Julian Calderon** Date: **9/17/2020**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C40L600**
Cement Type: **II/V**
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy): **6.44**
Max. Size Agg. (in.): **1**
Admixtures: **POZZ 700N**

Source of Sample: **Slab-on-Grade - Foundation Slab on Grade. Gridline F/6.5**

		Measured	Min	Max	Method
Contractor:	Hamel	Slump (in):	4		C143
Truck/Ticket/Load:	626-101165425-16	Ambient Air Temperature (°F):	83		
Time Sampled:	10:43 am	Mix temperature (°F):	82		C1064
Time Batched:	10:10 am	Air Content (%):			C231
Time in Truck (mins.):	33	Unit Weight (pcf):			C138
Curing Method:	Moist Room	Batch Size (cy):	10		
Field Cure Time:	24 hrs.	Water Added (gal):	10		

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	9/23/2020	J. Diaz	7	6.02	12.0	28.46	Side Fracture	92,400	3,250
B	10/14/2020	J. Diaz	28	6.02	12.0	28.46	Side Fracture	118,520	4,160
C	10/14/2020	J. Diaz	28	6.01	12.0	28.37	Side Fracture	116,300	4,100
D			Hold						

Average 28 day strength (psi): **4,130**
Specified Strength (psi) @ 28 days : **4,000**

Remarks: **Set 2**

Reviewed on 10/14/2020
by Jeff M Diaz, Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01370 Rev. 0** Issued: **10/21/2020**

Sampled by: **Chris sy** Date: **9/22/2020**
Submitted by: **David Magana** Date: **9/23/2020**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C40L600**
Cement Type: **II/V**
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy): **6.44**
Max. Size Agg. (in.): **1**
Admixtures: **POZZ 700N**

Source of Sample: **Slab-on-Grade - Room 138 pool surge pit, S.o.G.**

		Measured	Min	Max	Method
Contractor:	Hamel				
Truck/Ticket/Load:	101165887				
Time Sampled:	9:45 am				
Time Batched:	9:19 am				
Time in Truck (mins.):	26				
Curing Method:	Moist Room				
Field Cure Time:	24 hrs.				
Field Cure Temp (°F):	Hi: 70 Lo: 80				
	Slump (in):	4	3	5	C143
	Ambient Air Temperature (°F):	77			
	Mix temperature (°F):	80			C1064
	Air Content (%):				C231
	Unit Weight (pcf):				C138
	Batch Size (cy):	5			
	Water Added (gal):	0			

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	9/29/2020	J. Calderon	7	6.02	12.0	28.46	Side Fractures	106,970	3,760
B	10/20/2020	David Magana	28	6.01	12.0	28.37	Side Fracture	134,890	4,750
C	10/20/2020	David Magana	28	6.01	12.0	28.37	Side Fracture	131,110	4,620
D			Hold						

Average 28 day strength (psi): **4,690**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 10/21/2020
by Cameron Massa, Technician III



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Non-Shrink Grout Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01412 Rev. 0**
Sampled by: **Jacob Collins**
Submitted by: **Julian Calderon**

Issued: **10/8/2020**
Field ID: **JC_20200910_0915**
Date: **9/10/2020**
Date: **9/29/2020**

Manufacturer: **Master Builder Solutions**

Product ID: **Master Flow 885**

Source of Sample: **Column Base Plates - D.9/3.1**

	Measured	Min	Max	Method
Contractor: KAR	Ambient Air Temperature (°F): 97			
Time Sampled: 9:15AM	Mix temperature (°F):			na
Time Batched: 9:00AM	Mix Ratio:			
Curing Method: Moist Room	Consistency: Flowable			
Field Cure Time:				

Test Method: **ASTM C1107**

Capping Method: **None**

	Date Tested	Age (days)	Width (in.)	Length (in.)	Height (in.)	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	10/8/2020	28	2.06	2.00	2.01	4.12	37,340	9,060
B	10/8/2020	28	2.02	2.07	2.03	4.18	38,800	9,280
C	10/8/2020	28	2.00	2.01	2.06	4.02	34,620	8,610

Average 28 day strength (psi): 8,980
Specified Strength (psi) @ 28 days : 6,000

Reviewed on 10/8/2020
by Julian Calderon, Lab Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01473 Rev. 0**
Sampled by: **Marcus Molina**
Submitted by: **Julian Calderon**

Issued: **10/30/2020**
Field ID: **MM_20201002_0730**
Date: **10/2/2020**
Date: **10/7/2020**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C40L600**
Cement Type: **II/V**
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy): **6.44**
Max. Size Agg. (in.): **1**
Admixtures: **POZZ 700N**

Source of Sample: **Slab-on-Grade - Pool Utiliy Building (Equipment Room)**

		Measured	Min	Max	Method	
Contractor:	KAR Construction Inc.	Slump (in):	5	3	5	C143
Truck/Ticket/Load:	607 / 101166558 / 2	Ambient Air Temperature (°F):	75			
Time Sampled:	7:30 am	Mix temperature (°F):	77			C1064
Time Batched:	6:44 am	Air Content (%):				na
Time in Truck (mins.):	46	Unit Weight (pcf):				na
Curing Method:	Moist Room	Batch Size (cy):	10			
Field Cure Time:	120 hrs.	Water Added (gal):	5			

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	10/9/2020	J. Calderon	7	5.99	12.0	28.18	Side Fracture	107,620	3,820
B	10/30/2020	J. Diaz	28	6.00	12.0	28.27	Cone and Split	121,740	4,310
C	10/30/2020	J. Diaz	28	6.02	12.0	28.46	Cone and Split	123,990	4,360
D			Hold						

Average 28 day strength (psi): **4,340**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 10/30/2020
by Cameron Massa, Technician III



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Non-Shrink Grout Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01577 Rev. 0** Issued: **11/13/2020**
Field ID: **JM_20201016_0910**
Sampled by: **Jimmy Monterroso** Date: **10/16/2020**
Submitted by: **David Magana** Date: **10/17/2020**

Manufacturer: **Masterflow 885**

Product ID: **Non-Shrink metallic grout**

Source of Sample: **Masonry Column - Base plates for pool trellis**

	Measured	Min	Max	Method
Contractor: Oltmans	Ambient Air Temperature (°F): 73			
Time Sampled: 9:10AM	Mix temperature (°F): 81			C1064
Time Batched: 9:00AM	Mix Ratio:			
Curing Method: Moist Room	Consistency: Flowable			
Field Cure Time: 24 hrs.				

Test Method: **ASTM C1107**

Capping Method: **Sulfur**

	Date Tested	Age (days)	Width (in.)	Length (in.)	Height (in.)	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	11/13/2020	28	3.30	3.31	6.07	10.92	35,270	3,230
B	11/13/2020	28	3.34	3.34	6.50	11.16	50,230	4,500
C	11/13/2020	28	3.37	3.37	6.12	11.36	64,090	5,640
D		Hold						

Average 28 day strength (psi): 4,460
Specified Strength (psi) @ 28 days : 6,000

Reviewed on 11/13/2020
by Julian Calderon, Lab Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01585 Rev. 0**
Sampled by: **Shawn McLaren**
Submitted by: **David Magana**

Issued: **11/20/2020**
Field ID: **SM_20201023_1045**
Date: **10/23/2020**
Date: **10/26/2020**

Supplier: **Holiday rock**
Mix ID: **3C40L640**
Cement Type:
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.):
Admixtures:

Source of Sample: **Footing - CMU screen wall footings around pool area**

		Measured	Min	Max	Method
Contractor:	KAR	Slump (in):	6		C143
Truck/Ticket/Load:	741 / 128019292 / 2	Ambient Air Temperature (°F):	65		
Time Sampled:	10:45 am	Mix temperature (°F):	78.4		C1064
Time Batched:	10:11 am	Air Content (%):			na
Time in Truck (mins.):	34	Unit Weight (pcf):			na
Curing Method:	Moist Room	Batch Size (cy):	10		
Field Cure Time:	72 hrs.	Water Added (gal):	5		

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	10/30/2020	J. Diaz	7	6.02	12.0	28.46	Side Fracture	87,030	3,060
B	11/20/2020	J. Calderon	28	6.01	12.0	28.37	Side Fracture	118,720	4,180
C	11/20/2020	J. Calderon	28	6.01	12.0	28.37	Side Fracture	117,320	4,140
D			Hold						

Average 28 day strength (psi): **4,160**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 11/20/2020
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Mortar Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01732 Rev. 0**
Sampled by: **Chris Rice**
Submitted by: **David Magana**

Issued: **12/16/2020**
Field ID: **CR_20201118_1308**
Date: **11/18/2020**
Date: **11/19/2020**

Supplier: **On-Site Mix**
Mix No: **Type S Mortar**

Design Strength: **1,800 psi @ 28 days**

Source of Sample: **Masonry Wall - Wall along 15 line between Line F through N.1**

Contractor:	Hamel Contracting Inc	Ambient Air Temperature (°F):	70	Measured	Min	Max	Method
Time Sampled:	1:08PM	Mix temperature (°F):	71.9				C1064
Time Batched:	1:00PM						
Curing Method:	Moist Room						
Field Cure Time:	24 hrs.						

Test Method: **ASTM C780 - Batch Mixer**

Capping Method: **Bonded (ASTM C 617)**

	Date Tested	Age (days)	Length	Diam.	Height	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	11/25/2020	7	4.04	1.99		3.11	7,050	2,270
B	12/16/2020	28	4.00	1.95		2.99	9,400	3,150
C	12/16/2020	28	4.00	1.95		2.99	9,050	3,030
D	12/16/2020	28	4.00	1.95		2.99	9,470	3,170

Average 28 day strength (psi): **3,120**

****Please note that ASTM C1586 states that field prepared specimens of mortar (either following ASTM C270 or ASTM C780) should not be used to verify compressive strengths of in-place mortar. The above results should not be construed as being representative of the actual strength of the mortar in the masonry.**

Reviewed on 12/16/2020

by Jeff M Diaz, Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Mortar Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01757 Rev. 0**
Sampled by: **Chris Rice**
Submitted by: **Julian Calderon**

Issued: **12/22/2020**
Field ID: **CR_20201123_1240**
Date: **11/23/2020**
Date: **11/24/2020**

Supplier: **On-Site Mix**
Mix No: **Type S Mortar**

Design Strength: **1,800 psi @ 28 days**

Source of Sample: **Masonry Wall - Wall along grid line 8.9 between grid lines O-N**

Contractor:	Hamel Contracting Inc	Ambient Air Temperature (°F):	61	Measured	Min	Max	Method
Time Sampled:	12:40PM	Mix temperature (°F):	68.7				
Time Batched:	12:37PM						
Curing Method:	Moist Room						
Field Cure Time:	24 hrs.						

Test Method: **ASTM C780 - Batch Mixer**

Capping Method: **Bonded (ASTM C 617)**

	Date Tested	Age (days)	Length	Diam.	Height	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	11/30/2020	7	3.99	1.99		3.11	7,990	2,570
B	12/21/2020	28	4.00	2.00		3.14	7,640	2,430
C	12/21/2020	28	4.00	2.00		3.14	7,990	2,540
D	12/21/2020	28	4.00	2.00		3.14	7,530	2,400

Average 28 day strength (psi): **2,460**

****Please note that ASTM C1586 states that field prepared specimens of mortar (either following ASTM C270 or ASTM C780) should not be used to verify compressive strengths of in-place mortar. The above results should not be construed as being representative of the actual strength of the mortar in the masonry.**

Reviewed on 12/22/2020

by Jeff M Diaz, Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Masonry Grout Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01763 Rev. 0**
Sampled by: **Chris Rice**
Submitted by: **David Magana**

Issued: **12/30/2020**
Field ID: **CR_20201130_0915**
Date: **11/30/2020**
Date: **12/1/2020**

Supplier: **Robertson's Ready Mix**
Mix ID: **61833**
Cement Type: **-**
Design Strength: **3,000 psi @ 28 days**

Cement Factor (sk/cy): **II / V**
Max. Size Agg. (in.): **3/8**
Admixtures: **Grout Aid**

Source of Sample: **Masonry Wall - Grid line P between 11.6-12.3 course 8-18**

Contractor:	Hamel Construction Inc	Slump (in):	10	Min	9	Max	10	Method	C143
Truck/Ticket/Load:	1327 / 5868889 / 2	Ambient Air Temperature (°F):	63						
Time Sampled:	9:15AM	Mix temperature (°F):	66.8						C1064
Time Batched:	8:11AM	Batch Size (cy):	10						
Time in Truck (mins.):	64	Water Added (gal):	20						
Curing Method:	Moist Room								
Field Cure Time:	24 hrs.								

Test Method: **ASTM C1019**

Capping Method: **Bonded (ASTM C617)**

	Date Tested	Tested By	Age (days)	Average Height (in.)	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	12/7/2020	O. Molina	7	6.1	9.4	Type 3-Columnar	23,890	2,530
B	12/28/2020	J. Calderon	28	6.0	10.2	Type 1-Cone	30,690	3,020
C	12/28/2020	J. Calderon	28	6.0	10.2	Type 3-Columnar	41,990	4,110
D	12/28/2020	J. Calderon	28	6.0	9.8	Type 6-Side Fractures	35,160	3,580

Average 28 day strength (psi): **3,570**
Specified Strength (psi) @ 28 days : **3,000**
Standard Deviation:

Reviewed on 12/30/2020

by Jeff M Diaz, Lab Supervisor

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01831 Rev. 0**
Sampled by: **Antonio Gonzalez**
Submitted by: **David Magana**

Issued: **1/14/2021**
Field ID: **AG_20201217_0810**
Date: **12/17/2020**
Date: **12/18/2020**

Supplier: **Holiday Rock**
Mix ID: **3C30L602**
Cement Type:
Design Strength: **3,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.):
Admixtures:

Source of Sample: **Curb/Gutter - North West Parking Lot A-Curb**

		Measured	Min	Max	Method
Contractor:	Hamel Construction				
Truck/Ticket/Load:	725 / 101171101 / 1				
Time Sampled:	8:10 am				
Time Batched:	7:35 am				
Time in Truck (mins.):	35				
Curing Method:	Moist Room				
Field Cure Time:	24 hrs.				
	Slump (in):	4.25	3	5	C143
	Ambient Air Temperature (°F):	52			
	Mix temperature (°F):	63	50	90	C1064
	Air Content (%):	-			na
	Unit Weight (pcf):	-			na
	Batch Size (cy):	-			
	Water Added (gal):	0			

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	12/24/2020	J. Calderon	7	5.99	12.0	28.18	Side Fracture	91,770	3,260
B	1/14/2021	J. Calderon	28	6.00	12.0	28.27	Side Fracture	118,280	4,180
C	1/14/2021	J. Calderon	28	5.98	12.0	28.09	Side Fracture	121,980	4,340
D			Hold						
E			Hold						

Average 28 day strength (psi): **4,260**
Specified Strength (psi) @ 28 days : **3,000**

Reviewed on 1/14/2021
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **20-ONT-01856 Rev. 0**
Sampled by: **Chris Rice**
Submitted by: **David Magana**

Issued: **1/21/2021**
Field ID: **CR_20201224_0805**
Date: **12/24/2020**
Date: **12/28/2020**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C40L600**
Cement Type: **II/V**
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy): **6.44**
Max. Size Agg. (in.): **1**
Admixtures: **POZZ 700N**

Source of Sample: **Footing - Trash Enclosure South West end of Parking Lot**

		Measured	Min	Max	Method
Contractor:	Kar Construction				
Truck/Ticket/Load:	628 / 101171540 / 2				
Time Sampled:	8:05 am				
Time Batched:	6:58 am				
Time in Truck (mins.):	67				
Curing Method:	Moist Room				
Field Cure Time:	96 hrs.				
	Slump (in):	5	3	5	C143
	Ambient Air Temperature (°F):	55			
	Mix temperature (°F):	64.3			C1064
	Air Content (%):	-			na
	Unit Weight (pcf):	-			na
	Batch Size (cy):	10			
	Water Added (gal):	-			

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	12/31/2020	J. Calderon	7	6.00	12.0	28.27	Cone	108,640	3,840
B	1/7/2021	J. Calderon	14	6.00	12.0	28.27	Cone and Split	119,400	4,220
C	1/21/2021	J. Calderon	28	5.99	12.0	28.18	Columnar	134,710	4,780
D	1/21/2021	J. Calderon	28	6.00	12.0	28.27	Side Fracture	132,330	4,680
E			Hold						

Average 28 day strength (psi): **4,730**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 1/21/2021
by Jeff M Diaz, Lab Supervisor



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00049 Rev. 0**
Sampled by: **Christian Castanar**
Submitted by: **Jeffrey Diaz**

Issued: **2/17/2021**
Field ID: **CC_20210120_1000**
Date: **1/20/2021**
Date: **1/21/2021**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C40L600**
Cement Type: **II/V**
Design Strength: **4,000 psi @ 28 days**

Cement Factor (sk/cy): **6.44**
Max. Size Agg. (in.): **1**
Admixtures: **POZZ 700N**

Source of Sample: **Site Work - North end of pool drain trench**

		Measured	Min	Max	Method	
Contractor:	Hamlet	Slump (in):	5	3	5	C143
Truck/Ticket/Load:	277 / 101172794 / 1	Ambient Air Temperature (°F):	70			
Time Sampled:	10:00 am	Mix temperature (°F):	80			C1064
Time Batched:	9:15 am	Air Content (%):	-			na
Time in Truck (mins.):	45	Unit Weight (pcf):	-			na
Curing Method:	Moist Room	Batch Size (cy):	10			
Field Cure Time:	24 hrs.	Water Added (gal):	-			

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	1/27/2021	J. Diaz	7	6.01	12.0	28.37	Cone and Split	75,310	2,650
B	2/17/2021	C. Massa	28	6.02	12.0	28.46	Shear	116,540	4,090
C	2/17/2021	C. Massa	28	6.02	12.0	28.46	Side Fracture	114,900	4,040
D			Hold						

Average 28 day strength (psi): **4,070**
Specified Strength (psi) @ 28 days : **4,000**

Reviewed on 2/17/2021
by Cameron Massa, Technician III



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Mortar Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00094 Rev. 0**
Sampled by: **Jimmy Monterroso**
Submitted by: **David Magana**

Issued: **3/10/2021**
Field ID: **JM_20210209_0930**
Date: **2/9/2021**
Date: **2/11/2021**

Supplier: **Orco**
Mix No: **Type S - 1800**

Design Strength: **1,800 psi @ 28 days**

Source of Sample: **Masonry Wall - North Side CMU Wall**

	Measured	Min	Max	Method
Contractor:				
Time Sampled:	9:30AM			
Time Batched:	9:10AM			
Curing Method:	Moist Room			
Field Cure Time:	48 hrs.			
	Ambient Air Temperature (°F):	62		
	Mix temperature (°F):	73		C1064

Test Method: **ASTM C780 - Mortar Board**

Capping Method: **Bonded (ASTM C 617)**

	Date Tested	Age (days)	Length	Diam.	Height	Area (sq. in.)	Ultimate Load (lbs)	Compressive Strength (psi)
A	2/16/2021	7	4.03	2.00		3.14	8,490	2,700
B	3/9/2021	28	4.03	1.99		3.11	8,920	2,870
C	3/9/2021	28	4.04	2.00		3.14	8,840	2,810
D	3/9/2021	28	4.04	2.00		3.14	8,540	2,720

Average 28 day strength (psi): **2,800**

**Please note that ASTM C1586 states that field prepared specimens of mortar (either following ASTM C270 or ASTM C780) should not be used to verify compressive strengths of in-place mortar. The above results should not be construed as being representative of the actual strength of the mortar in the masonry.

Reviewed on 3/10/2021
by Julian Calderon, Lab Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.



Laboratory Test Report

Masonry Grout Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00095 Rev. 0**
Sampled by: **Jimmy Monterroso**
Submitted by: **David Magana**

Issued: **3/10/2021**
Field ID: **JM_20210210_1020**
Date: **2/10/2021**
Date: **2/11/2021**

Supplier: **Robertson's Ready Mix**
Mix ID: **61833**
Cement Type: **II / V**
Design Strength: **3,000 psi @ 28 days**

Cement Factor (sk/cy): -
Max. Size Agg. (in.): **3/8**
Admixtures: **Grout Aid**

Source of Sample: **Masonry Wall - West Side CMU Wall**

	Measured	Min	Max	Method
Contractor:	Slump (in): 9.5			C143
Truck/Ticket/Load: 1787 / 5806772 / 1	Ambient Air Temperature (°F): 62			
Time Sampled: 10:20AM	Mix temperature (°F): 74			C1064
Time Batched: 9:31AM	Batch Size (cy): 10			
Time in Truck (mins.): 49	Water Added (gal): N/A			
Curing Method: Moist Room				
Field Cure Time: 24 hrs.				

Test Method: **ASTM C942**

Capping Method: **Bonded (ASTM C617)**

	Date Tested	Tested By	Age (days)	Average Height (in.)	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	2/17/2021	C. Massa	7	6.1	9.8	Type 1-Cone	44,710	4,560
B	3/10/2021	J.Calderon	28	5.8	10.6	Type 6-Side Fractures	48,170	4,540
C	3/10/2021	J.Calderon	28	5.6	10.3	Type 6-Side Fractures	50,550	4,900
D	3/10/2021	J.Calderon	28	5.8	10.4	Type 6-Side Fractures	53,000	5,120

Average 7 day strength (psi): 4,560
Specified Strength (psi) @ 28 days : 3,000
Standard Deviation:

Reviewed on 3/10/2021
by Cameron Massa, Technician III

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00138 Rev. 0**
Sampled by: **Ali Rehman**
Submitted by: **David Magana**

Issued: **3/30/2021**
Field ID: **AR_20210302_0730**
Date: **3/2/2021**
Date: **3/3/2021**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C30L602**
Cement Type: **II / V**
Design Strength: **3,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.): **3/8**
Admixtures: **POZZ 700N**

Source of Sample: **Deck/Elevated Slab - Swimming Pool Deck**

	Measured	Min	Max	Method
Contractor: Hamel Construction				
Truck/Ticket/Load: 297 / 101175417 / 1				
Time Sampled: 7:30 am				
Time Batched: 6:57 am				
Time in Truck (mins.): 33				
Curing Method: Moist Room				
Field Cure Time: 24 hrs.				
Slump (in):				na
Ambient Air Temperature (°F):	67			
Mix temperature (°F):	72			C1064
Air Content (%):				na
Unit Weight (pcf):				
Batch Size (cy):	10			
Water Added (gal):				

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	3/9/2021	J.Calderon	7	6.00	12.0	28.27	Side Fracture	82,110	2,900
B	3/30/2021	J.Calderon	28	6.00	12.0	28.27	Side Fracture	104,130	3,680
C	3/30/2021	J.Calderon	28	6.00	12.0	28.27	Side Fracture	99,410	3,520
D			Hold						
E			Hold						

Average 28 day strength (psi): **3,600**
Specified Strength (psi) @ 28 days : **3,000**

Reviewed on 3/30/2021
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00143 Rev. 0**
Sampled by: **Antonio Gonzalez**
Submitted by: **Cameron Massa**

Issued: **4/1/2021**
Field ID: **AG_20210304_0715**
Date: **3/4/2021**
Date: **3/5/2021**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C30L602**
Cement Type: **II / V**
Design Strength: **3,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.): **3/8**
Admixtures: **POZZ 700N**

Sampling Method:
Source of Sample: **Sidewalk - Pool Deck South East of project**

Contractor:	Hamel Contracting Inc.	Slump (in):	4.25	Measured	Min	Max	Method
Truck/Ticket/Load:	295 / 101175575 / 1	Ambient Air Temperature (°F):	52				C143
Time Sampled:	7:15 am	Mix temperature (°F):	59				C1064
Time Batched:	6:34 am	Air Content (%):	-				na
Time in Truck (mins.):	41	Unit Weight (pcf):	-				na
Initial Cure Time:	24 hrs.	Batch Size (cy):	10				
		Water Added (gal):	0				

Test Method: **ASTM C39**
Final Curing Method: **Moist Room**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Cure Type	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	3/11/2021	J. Calderon	7		6.00	12.0	28.27	Shear	95,680	3,380
B	3/18/2021	I. Calderon	14		6.01	12.0	28.37	Side Fracture	108,290	3,820
C	4/1/2021	I. Calderon	28		6.02	12.0	28.46	Side Fracture	116,100	4,080
D	4/1/2021	I. Calderon	28		6.00	12.0	28.27	Side Fracture	117,830	4,170
E			Hold							

Average 28 day strength (psi): **4,130**
Specified Strength (psi) @ 28 days : **3,000**

Reviewed on 4/1/2021
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00235 Rev. 0**
Sampled by: **Chris Barry**
Submitted by: **Julian Calderon**

Issued: **5/18/2021**
Field ID: **CB_20210420_1005**
Date: **4/20/2021**
Date: **4/21/2021**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **4C30L036**
Cement Type: **II / V**
Design Strength: **3,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.): **3/8**
Admixtures: **NA**

Sampling Method: **ASTM C172**
Source of Sample: **Pavement - The walway to the north of the ramp**

Contractor:	HAMEL	Slump (in):	4	Measured	Min	Max	Method
Truck/Ticket/Load:	763 / 101178291 / 5	Ambient Air Temperature (°F):	68				C143
Time Sampled:	10:05 am	Mix temperature (°F):	78				C1064
Time Batched:	9:05 am	Air Content (%):					na
Time in Truck (mins.):	60	Unit Weight (pcf):					na
Initial Cure Time:	24 hrs.	Batch Size (cy):	10				
		Water Added (gal):	0				
		Water/Cement Ratio					
		(as determined by ticket):	0.55				

Test Method: **ASTM C39**
Final Curing Method: **Moist Room**

Capping Method: **Unbonded (ASTM C1231)**

	Date Tested	Tested By	Age (days)	Cure Type	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	4/27/2021	I. Calderon	7	Lab	6.01	12.0	28.37	Side Fracture	98,990	3,490
B	5/18/2021	I. Calderon	28	Lab	6.01	12.0	28.37	Side Fracture	114,630	4,040
C	5/18/2021	I. Calderon	28	Lab	6.01	12.0	28.37	Side Fracture	115,250	4,060
D			Hold							
E			Hold							

Average 28 day strength (psi): **4,050**
Specified Strength (psi) @ 28 days : **3,000**

Remarks: **All ASTM STANDARDS were observed**

Reviewed on 5/18/2021
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

Laboratory Test Report

Concrete Compression

Client: **City of Ontario, CA**
Project: **20210301.001A**
Anthony Munoz Community Center
02-000L - Laboratory Testing

Report No.: **21-ONT-00236 Rev. 0**
Sampled by: **Chris Barry**
Submitted by: **Julian Calderon**

Issued: **5/18/2021**
Field ID: **CB_20210420_1030**
Date: **4/20/2021**
Date: **4/21/2021**

Supplier: **Holliday Rock Co., Inc.**
Mix ID: **3C30L602**
Cement Type: **II / V**
Design Strength: **3,000 psi @ 28 days**

Cement Factor (sk/cy):
Max. Size Agg. (in.): **3/8**
Admixtures: **POZZ 700N**

Sampling Method: **ASTM C172**

Source of Sample: **Curb/Gutter - Radius curbs along northwest side of property**

Contractor:	HAMEL	Slump (in):	4	Measured	Min	Max	Method
Truck/Ticket/Load:	629 / 101178300 / 1	Ambient Air Temperature (°F):	72				C143
Time Sampled:	10:30 am	Mix temperature (°F):	77				C1064
Time Batched:	9:45 am	Air Content (%):					na
Time in Truck (mins.):	45	Unit Weight (pcf):					na
Initial Cure Time:	24 hrs.	Batch Size (cy):	8				
		Water Added (gal):	0				
		Water/Cement Ratio					
		(as determined by ticket):	0.55				

Test Method: **ASTM C39**

Capping Method: **Unbonded (ASTM C1231)**

Final Curing Method: **Moist Room**

	Date Tested	Tested By	Age (days)	Cure Type	Average Diameter	Average Height	Average Cross Sectional Area (sq. in)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
A	4/27/2021	I. Calderon	7	Lab	6.01	12.0	28.37	Side Fracture	91,120	3,210
B	5/18/2021	I. Calderon	28	Lab	6.00	12.0	28.27	Side Fracture	112,080	3,960
C	5/18/2021	I. Calderon	28	Lab	5.99	12.0	28.18	Shear	119,600	4,240
D			Hold							
E			Hold							

Average 28 day strength (psi): **4,100**
Specified Strength (psi) @ 28 days : **3,000**

Reviewed on 5/18/2021
by Julian Calderon, Lab Technician



Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.