

Cover Sheet

Document Title:	Final Compliant Wall Plans & Calculation
Prepared By:	San Bernardino County
Date:	02/12/2024
Version:	Permit WALL-2023-00120
Project Name:	PPHCSD Civic Center Phase 1
Client/Stakeholder:	PPHCSD
Confidentiality:	[Public/Internal/Confidential]

Document Overview

This specification document outlines the requirements, standards, and key details for the project or product described above. The cover sheet provides a summary of essential information to identify and track the document throughout its lifecycle.

Refer to page A-0 Site plan for construction documents for retaining wall(s) location.

Contact Information

- Preparer Jerry L Miles, P.E. 760-646-0203, jerrylm59@yahoo.com
- Steeno Design Studio, Sophie Steeno 760-244-5001, sophie@steenodesign.com and Rae Lynn Gentry admin@steenodesign.com

Revision History

Version	Date	Description	Author

REINFORCING DETAIL

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This set of plans and specifications **MUST** be kept on the job site at all times and it is unlawful to make any changes or alterations on these plans without written permission from the local Jurisdictions or Agencies. The stamping of these plan and specifications shall **NOT** be held to permit or be an approval of the violations of the applicable codes, any provisions of any Local Ordinances or State law.

Bid Set - PPHCSD Civic Center Phase 1 - Site Wall Plans & Calcs

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Cantilevered Retaining Wall

Project File: steeno.ec6

LIC#: KW-06014884, Build:20.23.08.30

JERRY L. MILES, PE

(c) ENERCALC INC 1983-2023

DESCRIPTION: PPHCSD OFFICE SITE

Code Reference:

Calculations per IBC 2018 1807.3, CBC 2019, ASCE 7-16

Criteria

Retained Height	=	4.50 ft
Wall height above soil	=	0.33 ft
Slope Behind Wall	=	2.00
Height of Soil over Toe	=	4.00 in
Water table above bottom of footing	=	0.0 ft

Soil Data

Allow Soil Bearing	=	1,500.0 psf
Equivalent Fluid Pressure Method		
Active Heel Pressure	=	43.0 psf/ft
Passive Pressure	=	180.0 psf/ft
Soil Density, Heel	=	110.00 pcf
Soil Density, Toe	=	110.00 pcf
Footing Soil Friction	=	0.250
Soil height to ignore for passive pressure	=	12.00 in

Surcharge Loads

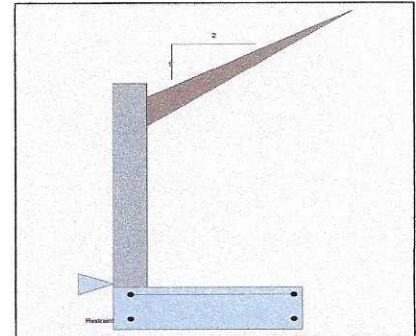
Surcharge Over Heel	=	0.0 psf
Used To Resist Sliding & Overturning		
Surcharge Over Toe	=	0.0
Used for Sliding & Overturning		

Axial Load Applied to Stem

Axial Dead Load	=	0.0 lbs
Axial Live Load	=	0.0 lbs
Axial Load Eccentricity	=	0.0 in

Lateral Load Applied to Stem

Lateral Load	=	0.0 #/ft
...Height to Top	=	0.00 ft
...Height to Bottom	=	0.00 ft
Load Type	=	Wind (W) (Service Level)
Wind on Exposed Stem	=	16.0 psf (Service Level)



Adjacent Footing Load

Adjacent Footing Load	=	0.0 lbs
Footing Width	=	0.00 ft
Eccentricity	=	0.00 in
Wall to Ftg CL Dist	=	0.00 ft
Footing Type	=	Spread Footing
Base Above/Below Soil at Back of Wall	=	0.0 ft
Poisson's Ratio	=	0.300

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Design Summary		Stem Construction		Bottom	
Wall Stability Ratios		Design Height Above Ftg		Stem OK	
Overturning	= 2.79 OK	Wall Material Above "Ht"		ft = 0.00	
Slab Resists All Sliding !		Design Method		= Masonry	
Global Stability	= 2.63	Thickness		= ASD ASD SD SD	
		Rebar Size		= 8.00	
		Rebar Spacing		= # 4	
		Rebar Placed at		= 16.00	
Total Bearing Load	= 2,350 lbs			= Edge	
...resultant ecc.	= 9.20 in	Design Data			
Eccentricity outside middle third		fb/FB + fa/Fa		= 0.354	
Soil Pressure @ Toe	= 1,414 psf OK	Total Force @ Section			
Soil Pressure @ Heel	= 0 psf OK	Service Level		lbs = 440.7	
Allowable	= 1,500 psf	Strength Level		lbs =	
Soil Pressure Less Than Allowable		Moment....Actual			
ACI Factored @ Toe	= 1,979 psf	Service Level		ft-# = 677.7	
ACI Factored @ Heel	= 0 psf	Strength Level		ft-# =	
Footing Shear @ Toe	= 0.0 psi OK	Moment.....Allowable		= 1,909.1	
Footing Shear @ Heel	= 12.4 psi OK	Shear.....Actual			
Allowable	= 82.2 psi	Service Level		psi = 4.8	
		Strength Level		psi =	
Sliding Calcs		Shear.....Allowable		psi = 43.6	
Lateral Sliding Force	= 1,071.4 lbs	Anet (Masonry)		in2 = 91.50 91.50 91.50	
		Wall Weight		psf = 0.0	
		Rebar Depth 'd'		in = 5.25	
Vertical component of active lateral soil pressure IS NOT considered in the calculation of soil bearing		Masonry Data			
		fm		psi = 1,500	
		Fs		psi = 32,000	
		Solid Grouting		= Yes	
		Modular Ratio 'n'		= 21.48	
		Equiv. Solid Thick.		in = 7.63	
		Masonry Block Type		=	
		Masonry Design Method		= ASD	
Load Factors		Concrete Data			
Building Code		fc		psi =	
Dead Load	1.200	Fy		psi =	
Live Load	1.600				
Earth, H	1.600				
Wind, W	1.600				
Seismic, E	1.000				

Bid Set - PPHCSD Civic Center Phase 1 - Site Wall Plans & Calcs

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Cantilevered Retaining Wall

LIC# : KW-06014884, Build:20.23.08.30

JERRY L. MILES, PE

Project File: steeno.ec6

(c) ENERCALC INC 1983-2023

DESCRIPTION: PPHCSD OFFICE SITE

Footing Data

Toe Width	=	0.00 ft
Heel Width	=	3.75
Total Footing Width	=	3.75
Footing Thickness	=	12.00 in
Key Width	=	0.00 in
Key Depth	=	0.00 in
Key Distance from Toe	=	0.00 ft
f_c =	3,000 psi	F_y = 60,000 psi
Footing Concrete Density	=	150.00 pcf
Min. As %	=	0.0018
Cover @ Top	2.00	@ Btm.= 3.00 in

Footing Design Results

	Toe	Heel
Factored Pressure	= 1,979	0 psf
M_u' : Upward	= 0	1,863 ft-#
M_u' : Downward	= 0	7,300 ft-#
M_u : Design	= 0 OK	5,436 ft-# OK
ϕM_n	= OK - Flush	13,090
Actual 1-Way Shear	= 0.00	12.42 psi
Allow 1-Way Shear	= 0.00	82.16 psi
Toe Reinforcing	=	Flush toe condition. No reinforcing required.
Heel Reinforcing	=	# 5 @ 12.00 in
Key Reinforcing	=	None Spec'd
Footing Torsion, T_u	=	0.00 ft-lbs
Footing Allow. Torsion, ϕT_u	=	0.00 ft-lbs

If torsion exceeds allowable, provide supplemental design for footing torsion.

Other Acceptable Sizes & Spacings

Toe: Flush toe condition. No reinforcing required.

Heel: #4@ 9.25 in, #5@ 14.35 in, #6@ 20.37 in, #7@ 27.77 in, #8@ 36.57 in, #9@ 46.29 in, #10@ 58.79 in

Key: No key defined

Min footing T&S reinf Area	0.97	in ²
Min footing T&S reinf Area per foot	0.26	in ² /ft
<u>If one layer of horizontal bars:</u>		<u>If two layers of horizontal bars:</u>
#4@ 9.26 in		#4@ 18.52 in
#5@ 14.35 in		#5@ 28.70 in
#6@ 20.37 in		#6@ 40.74 in

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Cantilevered Retaining Wall

LIC# : KW-06014884, Build:20.23.08.30

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DESCRIPTION: PPHCSD OFFICE SITE

Summary of Overturning & Resisting Forces & Moments

.....OVERTURNING.....			RESISTING.....			
Item	Force lbs	Distance ft	Moment ft-#		Force lbs	Distance ft	Moment ft-#
HL Act Pres (ab water tbl)	1,066.1	2.35	2,502.3	Soil Over HL (ab. water tbl)	1,526.3	2.21	3,370.5
HL Act Pres (be water tbl)				Soil Over HL (bel. water tbl)		2.21	3,370.5
Hydrostatic Force				Water Table			
Buoyant Force =				Sloped Soil Over Heel =	261.4	2.72	711.7
Surcharge over Heel =				Surcharge Over Heel =			
Surcharge Over Toe =				Adjacent Footing Load =			
Adjacent Footing Load =				Axial Dead Load on Stem =			
Added Lateral Load =				* Axial Live Load on Stem =			
Load @ Stem Above Soil =	5.3	5.67	29.9	Soil Over Toe =			
=				Surcharge Over Toe =			
				Stem Weight(s) =			
				Earth @ Stem Transitions =			
Total	= 1,071.4	O.T.M. =	2,532.2	Footing Weight =	562.5	1.88	1,054.7
				Key Weight =			
Resisting/Overturning Ratio		= 2.79		Vert. Component =	511.9	3.75	1,919.7
Vertical Loads used for Soil Pressure =		2,350.2 lbs		Total =	2,862.1 lbs	R.M. =	7,056.5

* Axial live load NOT included in total displayed, or used for overturning resistance, but is included for soil pressure calculation.

Vertical component of active lateral soil pressure IS considered in the calculation of Sliding Resistance.

Vertical component of active lateral soil pressure IS considered in the calculation of Overturning Resistance.

Bid Set - PPHCSD Civic Center Phase 1 - Site Wall Plans & Calcs

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Cantilevered Retaining Wall

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DESCRIPTION: PPHCSD OFFICE SITE

Rebar Lap & Embedment Lengths Information

Stem Design Segment: Bottom

Stem Design Height: 0.00 ft above top of footing

Calculated Rebar Stress, f_s = 11359.53 psi

Lap Splice length for #4 bar specified in this stem design segment (25.4.2.3a) =

20.00 in

Development length for #4 bar specified in this stem design segment =

12.00 in

Hooked embedment length into footing for #4 bar specified in this stem design segment =

7.67 in

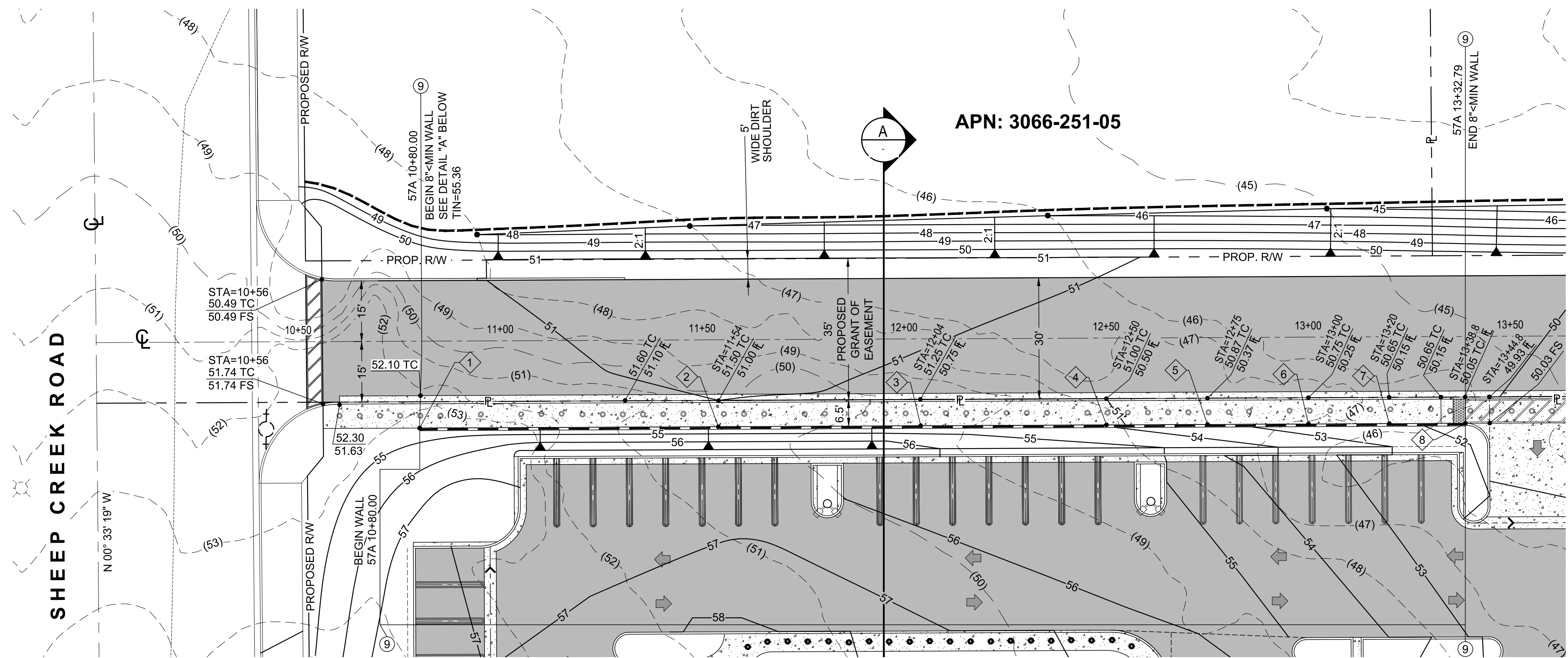
As Provided =

0.1500 in²/ft

As Required =

0.0541 in²/ft

Bid Set - PPHCSD Civic Center Phase 1
- Site Wall Plans & Calcs



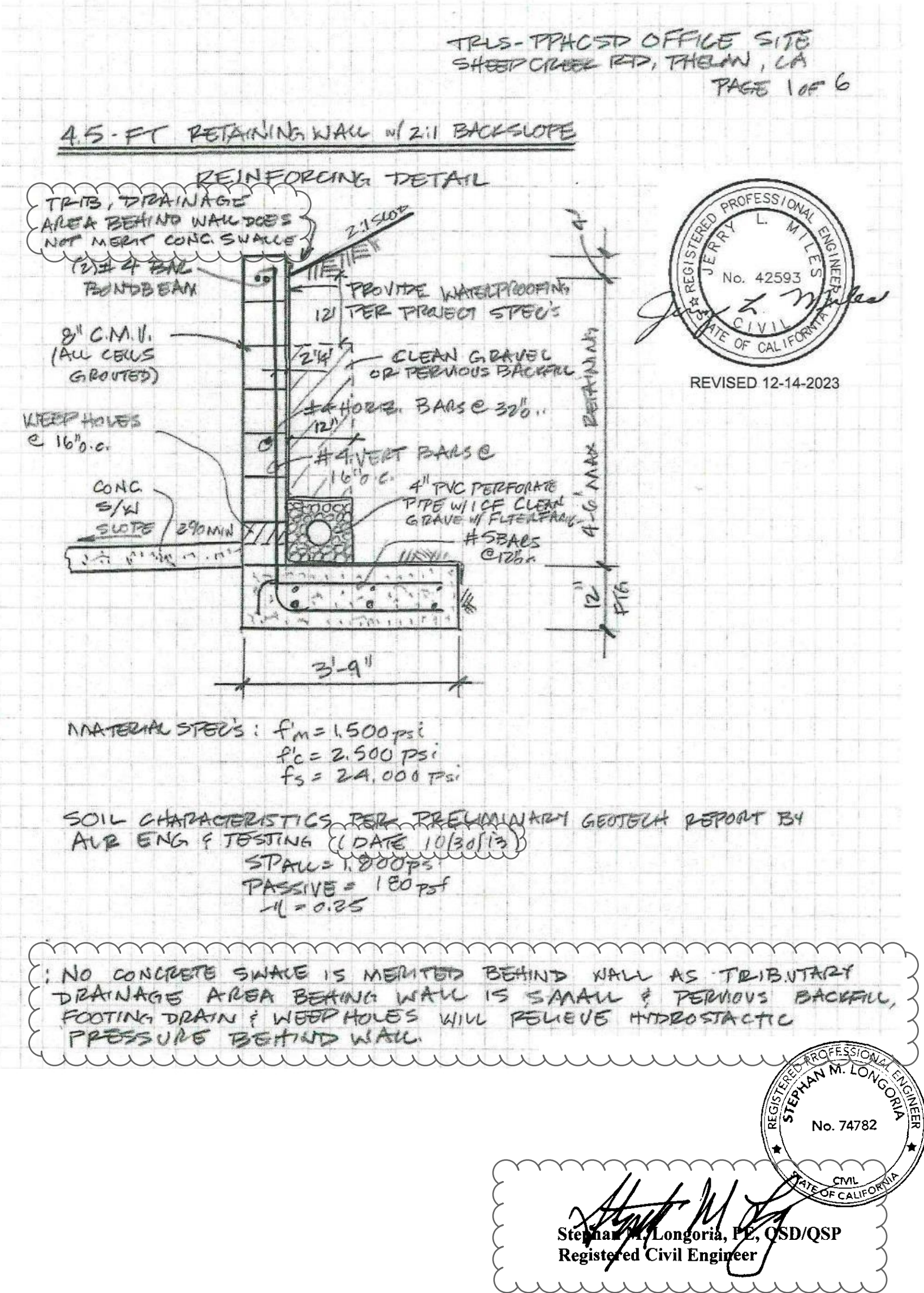
CONSTRUCTION NOTES

9. CONSTRUCT 8" BLOCK RETAINING WALL TO LIMITS SHOWN.
UNDER SEPARATE PERMIT.

FACE OF BLOCK WALL SQUARE FOOTAGE

TOTAL FACE OF BLOCK WALL= 1,164.65 Sq. Ft

		RETAINING WALL LEGEND			FINISHED SURFACE BACK OF WALL	FINISHED GRADE BACK OF WALL
		8" SPLIT FACE CMU RETAINING WALL				
		TW= TOP OF WALL FS= FINISH SURFACE BACK OF WALL TF= TOP OF FOOTING FG= FINISH GRADE BACK OF WALL				
WALL HEIGHT	RETAIN HEIGHT	CALLOUT	ELEVATION	STATION	FS B.O.W	FG B.O.W
4.67	4.0	1	55.34 TW 50.67 TF	STA=10+80.00	52.23	54.7
4.67	3.8	2	55.34 TW 50.67 TF	STA=11+54.22	51.63	54.7
4.67	4.2	3	55.34 TW 50.67 TF	STA=12+04.17	51.38	54.2
4.67	4.0	4	55.34 TW 54.67 TW 50.67 TF	STA=12+50.07	51.13	54.0
4.67	4.0	5	54.67 TW 54.00 TW 50.00 TF	STA=12+75.72	51.00	53.3
4.00	3.5	6	54.00 TW 53.33 TW 50.00 TF 49.33 TF	STA=13+00.02	50.88	52.7
4.00	2.9	7	53.33 TW 52.60 TW 49.33 TF	STA=13+20.27	50.78	52.2
3.34	2.6	8	52.67 TW 49.33 TF	STA=13+37.79	50.13	51.9



DETAIL "A"



NO.	REVISION	DATE	BY



JERRY L. MILES R.C.E. 42593 - EXP. 3/31/24

PLANS PREPARED BY:

TRLS ENGINEERING Inc.

10770 I AVENUE, SUITE 108
Hesperia, CA 92345
Phone: (760) 948-4900

09/05/2023
DATE

Jerry L. Miles
JERRY L. MILES R.C.E. 42593
03/31/2024

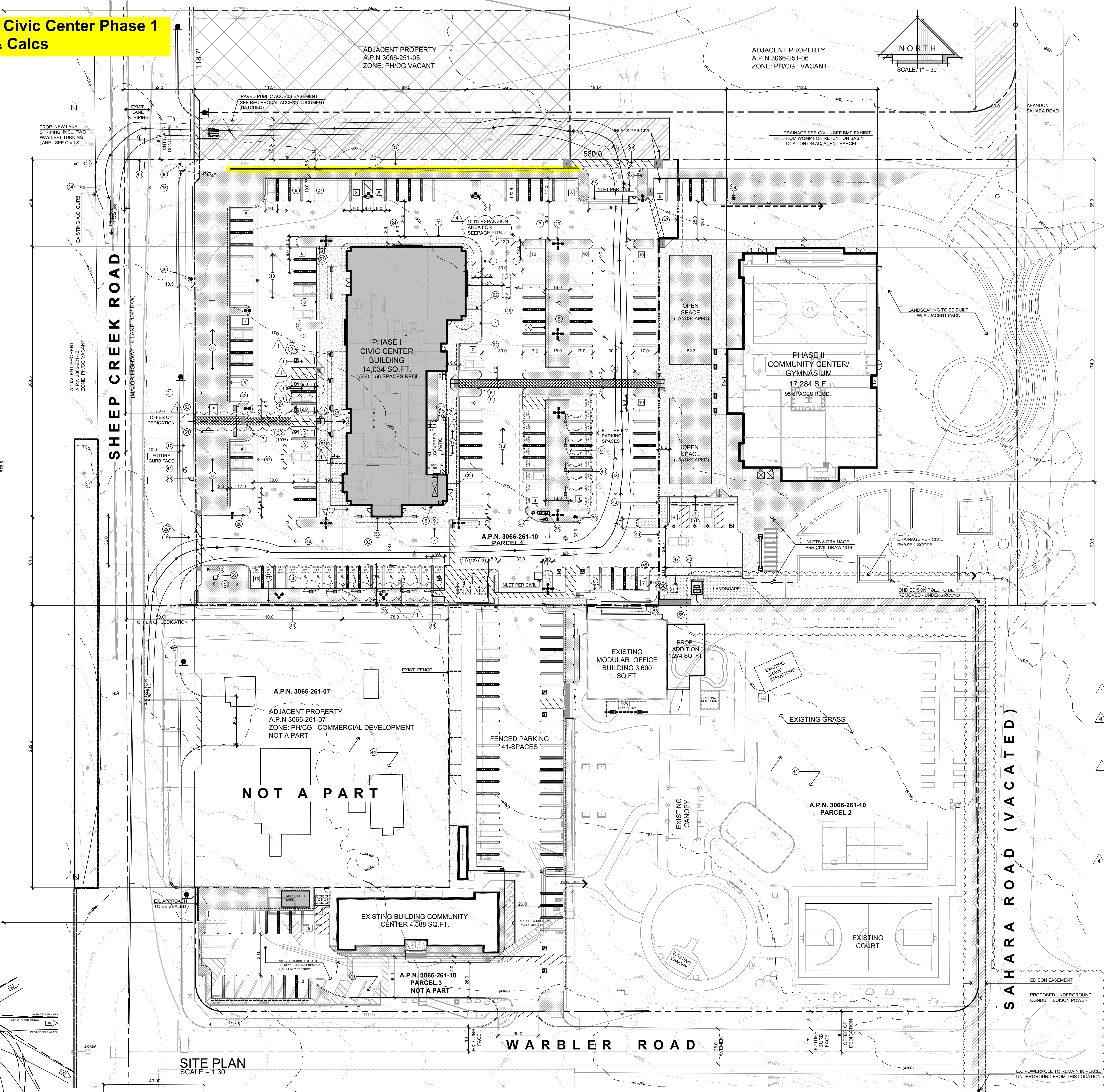
COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: TER	DRAWN BY: TER	CHECKED BY:	APPROVED BY:
RECOMMENDED/APPROVED BY:	ASST. DIRECTOR OF PUBLIC WORKS	DIRECTOR OF PUBLIC WORKS	DATE

DRAWN BY: DATE:	PHELAN PINON HILLS COMMUNITY SERVICES DISTRICT CIVIC CENTER DEVELOPMENT PHASE 1 SHEEPCREEK RD. PHELAN, CA. 92329 (APN: 3066-261-10, 3066-261-08 & 3066-251-14) RETAINING WALL PLAN UNDER SEPARATE PERMIT	SCALE: AS SHOWN SHEET 1 OF 1 SHEET BW-1
DESIGNED BY: DATE: 09.19.23		
APPROVED BY: DATE:		

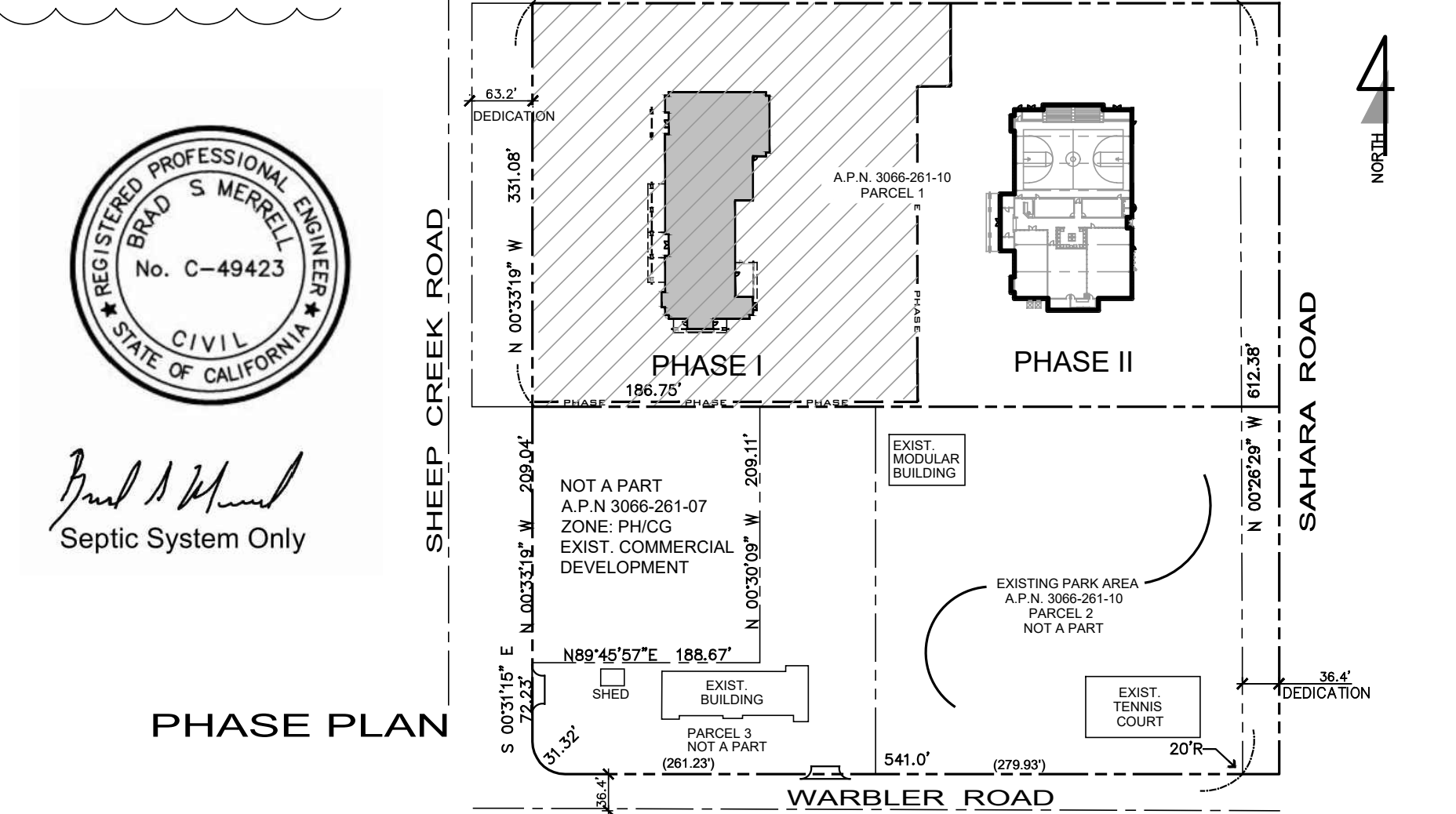
Bid Set - PPHCSD Civic Center Phase 1
- Site Wall Plans & Calcs

NOTE:
NO EXISTING JOSHUA
TREES ON SITE



PROJECT DATA			
ZONE:	PER COUNTY MAP PH0A (PH/CG) GENERAL COMMERCIAL	PARKING INFORMATION:	SYMBOL INDICATING QTY OF STALLS: <input checked="" type="checkbox"/>
OVERLAYS:	FLOOD PLAIN 1 (FP1) / FIRE SAFETY 2 (FS2)	REQUIRED PARKING STALLS:	
OCCUPANCY:	(A) ASSEMBLY & (S) STORAGE	PHASE 1:	
CONSTRUCTION TYPE:	II-B	ADMIN BLDG @ 1/250 GROSS FLR. AREA	= 56 SPACES
STORIES:	1-STORY	MULTI-PURPOSE BUILDING 17,284 SQ. FT.	= 29 SPACES
FIRE SPRINKLERS:	YES	708 SQ.FT OF SEATING @ 1/250 SQ.FT.	
A.P.N.	3066-261-10	REMAINING BUILDING AREA = 1/250	= 66 SPACES
PTN. N.W. 1/4, SEC. 24 T.4N., R.7W.	UNKNOWN	TOTAL REQUIRED PARKING STALLS (9x19)	= 151 SPACES
SITE ADDRESS:		PROPOSED ACCESSIBLE PARKING STALL @ 9'x19' W/ 8' UNLOADING ZONE	= 11 SPACES
ZONING SETBACKS:		TOTAL PROVIDED PARKING STALLS	= 165 SPACES
F.E.M.A. FLOOD ZONE		ALLOCATED SPACES FOR EXISTING ADMIN BLDG.	= 7 SPACES
APPLICANT/OWNER:	PHELAN PIÑON HILLS C.S.D.	SURPLUS OF STALLS	= 15 SPACES
ARCHITECT/REPRESENTATIVE:	STEENO DESIGN STUDIO, INC.	FUTURE EVSE PARKING STALLS	= 20 SPACES
PHELAN PIÑON HILLS C.S.D.	ARCHITECT: TOM STEENO		
4176 WARBLER RD.	11774 HESPERIA ROAD, SUITE B-1		
PH: 760-868-1212 FAX: 760-868-2323	PH: 760-244-5001 FAX: 760-244-1948		
SITE INFORMATION:			
PARCEL 1:	GROSS AREA (4.65 AC.)	= 202,925 SQ. FT.	100%
PROPOSED:			
PROP. BUILDING AREA	= 31,318 SQ. FT.	15.4 %	
ADMINISTRATIVE & REC BUILDING	= 35,654 SQ. FT.	17.6 %	
PROP. LANDSCAPED AREA	= 136,092 SQ. FT.	67 %	
PROP. PAVING & CONC. (TOTAL)	= 811 SQ. FT.	NAP	
PROP. LANDSCAPING WITH-IN RW			

- KEYED NOTES
- 1 VAN ACCESSIBLE PARKING SPACE, SEE DETAIL 4A ON SHEET AC-1
 - 2 ACCESSIBILITY STALL EMBLEM PAINTED AS SHOWN
 - 3 DISABLED ACCESSIBLE PARKING ONLY SIGN, SEE DETAIL 13 ON SHEET AC-1
 - 4 72" WIDE ADA PATH OF TRAVEL W/ DECORATIVE PAVERS
 - 5 LANDSCAPED AREA - TO INCLUDE "HILLSIDE LANDSCAPING" AT PROJECT PERIMETER - SEE WQMP BMP EXHIBIT
 - 6 TRUNCATED DOMES 36" DEEP X WIDTH OF RAMP OR LANDING
 - 7 6" WIDE CONCRETE CURB.
 - 8 6" WIDE CONCRETE CURB, W/ 2" PARKING NOSE OVER
 - 9 ACCESSIBLE RAMP NOT TO EXCEED 8% SLOPE IN DIRECTION OF RUN AND 2% MAX CROSS SLOPE
 - 10 WARNING SIGNAGE REGARDING UNAUTHORIZED USE OF DISABLED PARKING SPACES
 - 11 DBL. 5YD. BIN TRASH ENCLOSURE PER COUNTY STANDARDS (6' HIGH)
 - 12 REINFORCED CONCRETE PAD W/ 2% MAXIMUM SLOPE AWAY FROM TIE
 - 13 STRIPPED LOADING ZONE
 - 14 TRAFFIC FLOW DIRECTIONAL ARROWS PAINTED ON PAVING AS SHOWN ON PLAN
 - 15 DOUBLE STRIPPED PAINTED PARKING STALL STRIPE
 - 16 BUILDING COLUMNS AND OVERHANG
 - 17 PROPOSED CONC. SIDEWALK PER COUNTY STANDARD 109 TYPE C
 - 18 PROPOSED CONCRETE OR A.C. PAVING PER GEO-TECH REPORT
 - 19 PROPOSED CONC. DRIVEWAY APPROACH PER COUNTY STANDARD 129-B AND LOCATED PER SAN BERNARDINO COUNTY STANDARD 130
 - 20 20' HIGH SITE LIGHT STANDARD
 - 21 PROPOSED MONUMENT SIGN 4' HIGH & 36SQ.FT., MAX UNDER SEPARATE PERMIT
 - 22 ROOF DRAIN PIPES UNDER SIDEWALK
 - 23 S.B.C.F.D. KNOX BOX
 - 24 PROPOSED GAS METER
 - 25 PROPOSED DOUBLE DETECTOR CHECK VALVE ASSEMBLY
 - 26 RELOCATED EX. FIRE HYDRANT
 - 27 PROPOSED MASONRY BLOCK WALL MAX. 6' HI. SEE GRADING PLAN FOR HEIGHTS. UNDER SEPARATE PERMIT
 - 28 6" DIA. CONC. FILLED STEEL BOLLARDS
 - 29 ACCESSIBILITY EASEMENT ACROSS DRIVE APPROACH @ HATCHED AREA
 - 30 DASHED LINE OF EASEMENT / B.S.L.
 - 31 5' HIGH WROUGHT IRON FENCE W/ GATE W/ PANIC HARDWARE
 - 32 PROVIDE (16) DESIGNATED PARKING STALL FOR FUEL EFFICIENT VEHICLES WITH THE WORDS "CLEAN AIR VEHICLE" PAINTED IN THE SAME STALL STRIPING PAINT & SUCH THAT THE LAST WORD ALIGNS WITH THE END OF THE STALL STRIPING AND IS VISIBLE BENEATH A PARKED VEHICLE. GREEN CODE 5.106.5.2
 - 33 EXISTING EDGE OF PAVEMENT
 - 34 EX. STREET LIGHT TO REMAIN
 - 35 PROPOSED F.D.C. & P.I.V. FOR FIRE SPRINKLERS
 - 36 EX. FIRE HYDRANT TO BE RELOCATED
 - 37 FLOW LINE, SEE GRADING PLANS
 - 38 EX. WATER METER
 - 39 PROPOSED FIRE HYDRANT
 - 40 LINE OF EXISTING PROPERTY LINE TO BE DEDICATED
 - 41 EX. FIRE HYDRANT TO REMAIN
 - 42 PROJECT ENTRY PORTAL, SEE SHEET A-1.1
 - 43 LINE OF PROJECT PHASING
 - 44 EXISTING DEVELOPMENT
 - 45 7 PARKING SPACES RESERVED FOR EXISTING OFFICE
 - 46 PROVIDE 10' - 40' AMP. DUAL EVSE CHARGING PEDESTAL FOR (20) OVERALL EV PARKING STALL. GREEN CODE 5.106.5.3.3
 - 47 EXISTING ELECTRICAL TRANSFORMER TO BE REMOVED, SEE ELECTRICAL SHEETS
 - 48 PROP. 12' x 12' ELECTRICAL TRANSFORMER PAD W/ 5'x8'-5' X 5' TRANSFORMER
 - 49 TRAFFIC RATED 3,600 GAL. SEPTIC TANK W/ (2) 28" 5' DEEP 5' DIAMETER SEEPAGE PITS, WITH DISTRIBUTION BOX AND 100% EXPANSION AREA PER EHS APPROVED PERC REPORT. THE DEPTH OF THE SEEPAGE PIT SHALL BE MEASURED BELOW THE SEWER PIPING INLET. ALL COMPONENTS TO BE DESIGNED FOR VEHICULAR TRAFFIC FOR STANDARD H-20 WHEEL LOADING
 - 50 REPLACE EXISTING 800 AMP SERVICE W/ NEW 4000 AMP SERVICE
 - 51 PROPOSED INTERNALLY LIT MONUMENT SIGN - UNDER DEFERRED SUBMITTAL
 - 52 50' TAPERED FLAG POLE ON 6'-0" X 8'-0" CONCRETE PAD
 - 53 SHORT-TERM BICYCLE PARKING - PROVIDE PERMANENTLY ANCHORED BICYCLE RACKS WITHIN 200 FT. OF THE VISITORS' ENTRANCE, READILY VISIBLE TO PASSERS BY, FOR 5% OF NEW VISITOR MOTORIZED VEHICLE PARKING SPACES BEING ADDED, WITH A MIN. OF (1) TWO-BIKE CAPACITY RACK. SEE LANDSCAPE DRAWINGS FOR DETAILS.
 - 54 LONG-TERM BICYCLE PARKING - PROVIDE SECURE BICYCLE PARKING FOR 5% OF MOTORIZED VEHICLE PARKING CAPACITY W/ A MIN. OF (1) SPACE. ACCEPTABLE PARKING FACILITIES SHALL BE CONVENIENT FROM THE STREET. SEE LANDSCAPE DRAWINGS FOR DETAILS
 - 55 PROP. 4000 AMP ELECTRIC SERVICE
 - 56 LINE OF BUILDING - TO HOUSE OPERATIONS & MAINTENANCE FOR (PER THE WQMP BMP EXHIBIT); LANDSCAPE INSPECTION, SPILL KIT INSPECTION, & EFFICIENT IRRIGATION
 - 57 GUTTER - SEE CIVILS
 - 58 STORM DRAIN SIGNAGE PER WQMP BMP EXHIBIT
 - 59 WATER METER - 1 1/2" FOR IRRIGATION
 - 60 4' X 6' PAD W/ 2'-6" X 4' BOX BY EDISON



PROJECT: CIVIC CENTER BUILDING

PHELAN PIÑON HILLS C.S.D.

SITE ADDRESS: A.P.N. 3066-261-10 9535 SHEEP CREEK ROAD, PHELAN, CA 92329

CONTACT: DCN BARTZ

JOB NO. COM20-L01/01

SHEET NAME: SITE PLAN

PAGE A-0

STEENO DESIGN STUDIO INC.

ARCHITECTURE • DESIGN • PLANNING

11774 HESPERIA ROAD, SUITE B • HESPERIA, CA 92345

PHONE (760) 244-5001 • FAX (760) 244-1948

www.steenodesign.com

DATE FINISHED MAY 2022

REVISIONS

1. 5.106.5.2.1 PARKING STALL MARKING. PAINT IN THE PAINT USED FOR STALL STRIPING, THE FOLLOWING CHARACTERS SUCH THAT THE LOWER EDGE OF THE LAST WORD ALIGNS WITH THE END OF THE STALL STRIPING AND IS VISIBLE BENEATH A PARKED VEHICLE: CLEAN AIR VEHICLE

2. AN ACCESSIBLE ROUTE SHALL NOT TRAVEL BEHIND PARKING OTHER THAN HIS/ HER OWN.

THESE PLANS SHALL COMPLY WITH THE 2019 CALIFORNIA BUILDING CODE AND ALL OTHER APPLICABLE CODES AND STANDARDS. THE 2019 ENERGY STANDARDS ARE INCORPORATED HEREIN, AS AN INSTRUMENT OF ADOPTION OF THE 2019 ENERGY STANDARDS.

THESE DOCUMENTS AND THE INCORPORATED REFERENCES ARE THE SOLE PROPERTY OF STEENO DESIGN STUDIO INC. ANY USE, IN WHOLE OR IN PART, FOR WHICH THEY WERE NOT PROVIDED SHALL BE UNLAWFUL.

REGISTERED ARCHITECT

STEENO

25448

STATE OF CALIFORNIA

2/21/22

City Bus

Width: 8.50

Track: 8.50

Look to Look Time: 6.0

Steering Angle: 40.3

NOTE:

1. 5.106.5.2.1 PARKING STALL MARKING. PAINT IN THE PAINT USED FOR STALL STRIPING, THE FOLLOWING CHARACTERS SUCH THAT THE LOWER EDGE OF THE LAST WORD ALIGNS WITH THE END OF THE STALL STRIPING AND IS VISIBLE BENEATH A PARKED VEHICLE: CLEAN AIR VEHICLE

2. AN ACCESSIBLE ROUTE SHALL NOT TRAVEL BEHIND PARKING OTHER THAN HIS/ HER OWN.

EDISON_12-7-22