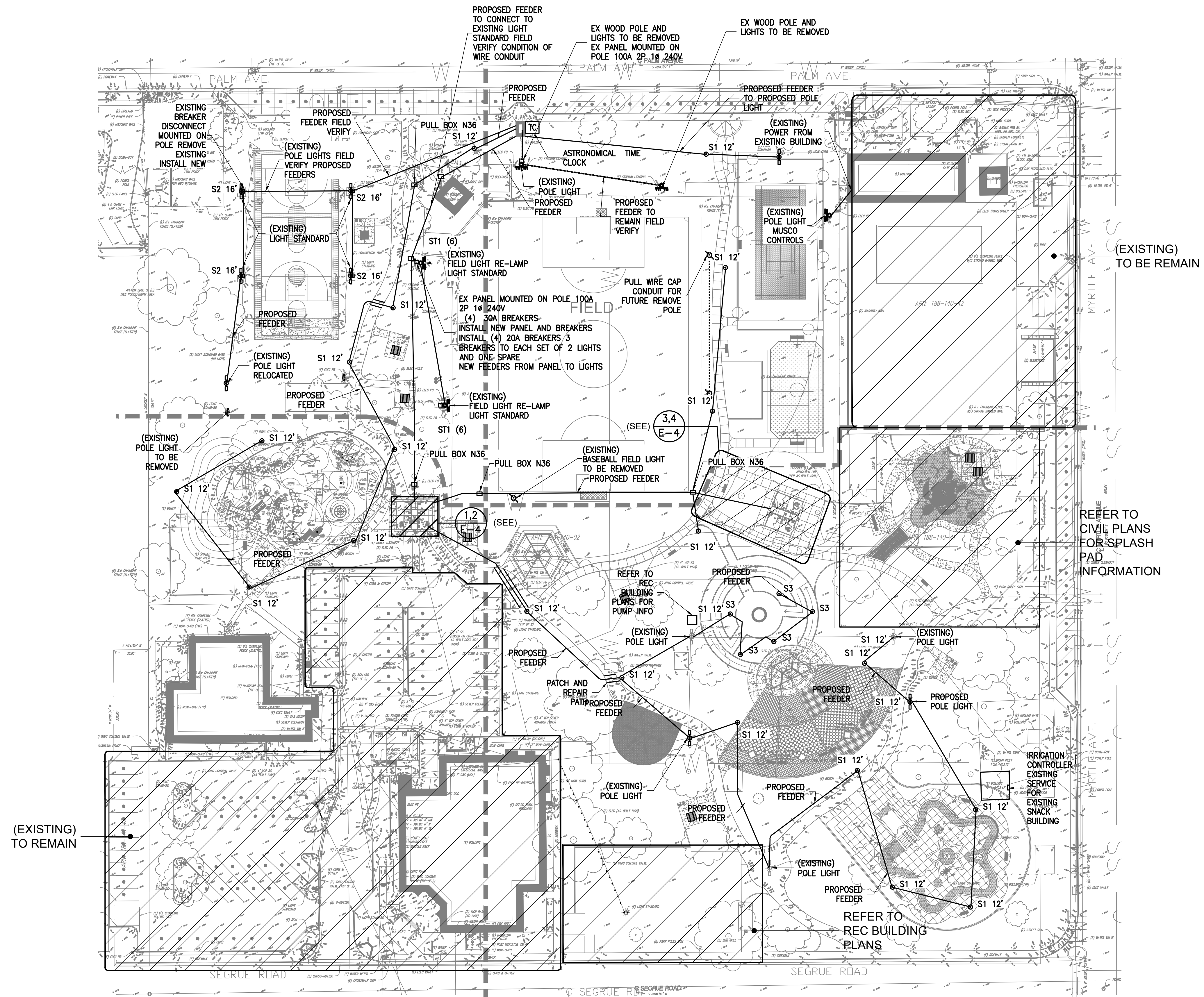


These drawings, related specifications, ideas, designs and arrangements represented thereby are and shall remain the property of the Architect and no part thereof shall be copied, disclosed to others used in connection with any work or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.

SCOPE OF WORK(NOT LIMITED TO) REMOVING BASEBALL FIELD INSTALLING SOCCER FIELD
RE-LAMPING EXISTING POLES FOR SOCCER FIELD
RE-LAMPING BASKET BALL COURT
POWERING PROPOSED WALKING PATH LIGHTING
POWERING PROPOSED BATHROOM BUILDINGS



ELECTRICAL SITE PLAN

SCALE: 1" = 40'-0"




LAMONT
PARK
BEAUTIFICATION
PROJECT

UPGRADED PARK AMENITIES AND FEATURES

8300 SEGRUE ROAD
LAMONT, CALIFORNIA

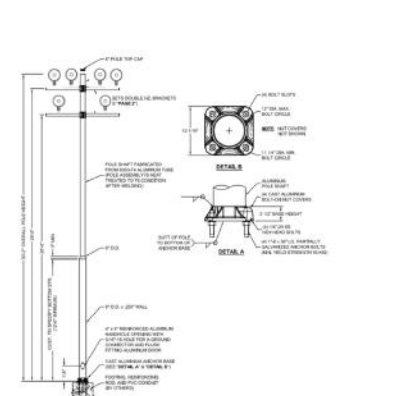
DATE	ISSUED FOR

REVISION	DESCRIPTION
10	10-28-24

JOB	
DP	
PM	

FIXTURE SCHEDULE									
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Source	Lumens Per LED	LfT	Input Power
F1	24	Kavet	MILAS-48-PH-PP-1-10-40K-000-0-00	8" WIDE-UNDER SURFACE MOUNTED FIXTURE- VIBRA- RESISTANT	4000K, 60 CRI	62	0.92	100.25	
F2	8	Kavet	MILAS-48-PP-PP-1-10-40K-000-0-00	8" WIDE-UNDER SURFACE MOUNTED FIXTURE- VIBRA- RESISTANT	4000K, 60 CRI	35	0.92	49	
F3	3	Luminaire LED	VRDL4	VRDL4 1200LM WD 40K BUCHI CPL	4000K, 60 CRI	1040	0.92	13.3654	
S1	26	Lumina Lighting	PT180-120-PT-180-120W-40K-000-0-00	PT180-120-PT-180-120W-40K-000-0-00	4000K, 60 CRI	5010	0.92	55	
S2	4	Lithonia Lighting	RSX1-LED-40K-64	RSX1-LED-40K-64	4000K, 60 CRI	15090	0.92	133.1431	
S3	11	TARGETT	PT180-120-PT-180-120W-40K-000-0-00	PT180-120-PT-180-120W-40K-000-0-00	4000K, 60 CRI	1821	0.92	13.5	
S4	10	Lithonia Lighting	WIDE2-LED-40K-64	WIDE2-LED-40K-64	4000K, 60 CRI	3132	0.92	22.99	
ST1	6	MESA	PT180-120-PT-180-120W-40K-000-0-00	PT180-120-PT-180-120W-40K-000-0-00	4000K, 60 CRI	3118	0.92	54	

MILLENNIUM STRETCH™
MILAS SERIES
PHOTOGRAPHY: JEFFREY M. HARRIS
© 2012 LITHONIA LIGHTING
• 18" WIDE-UNDER SURFACE MOUNTED FIXTURE- VIBRA- RESISTANT
• 18" WIDE-UNDER SURFACE MOUNTED FIXTURE- VIBRA- RESISTANT
• 18" WIDE-UNDER SURFACE MOUNTED FIXTURE- VIBRA- RESISTANT



LAMONT PARK
SITE PHOTOMETRIC
LAMONT, CA

MAR VISTA SALES
STEVE
DOMINGUEZ
805-701-8156
DATE
xx/xx/2022
SCALE
Not to Scale
FILE NAME:
SUMMARY

1 of 2



SF_A
Skarphol / Frank
Associates
ARCHITECTURE • PLANNING • INTERIORS
Paul Skarphol, Architect • Gregory Frank, Architect
925 17th Street
Bakersfield, CA 93301
(661) 334-2741
skarpholfrank.com

These drawings, related specifications, ideas, designs and arrangements represented hereby are and shall remain the property of the Architect and no part thereof shall be copied, altered or otherwise used in connection with any work or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.

CANTELM ENGINEERING
MECHANICAL/ELECTRICAL
2130 F STREET BAKERSFIELD, CA 93301
TEL: (661) 324-5252 FAX: (661) 324-9439 Contelmi@contelmi.net



LAMONT
PARK
BEAUTIFICATION
PROJECT

UPGRADED PARK AMENITIES
AND FEATURES

8300 SEGRUE ROAD
LAMONT, CALIFORNIA

DATE	ISSUED FOR

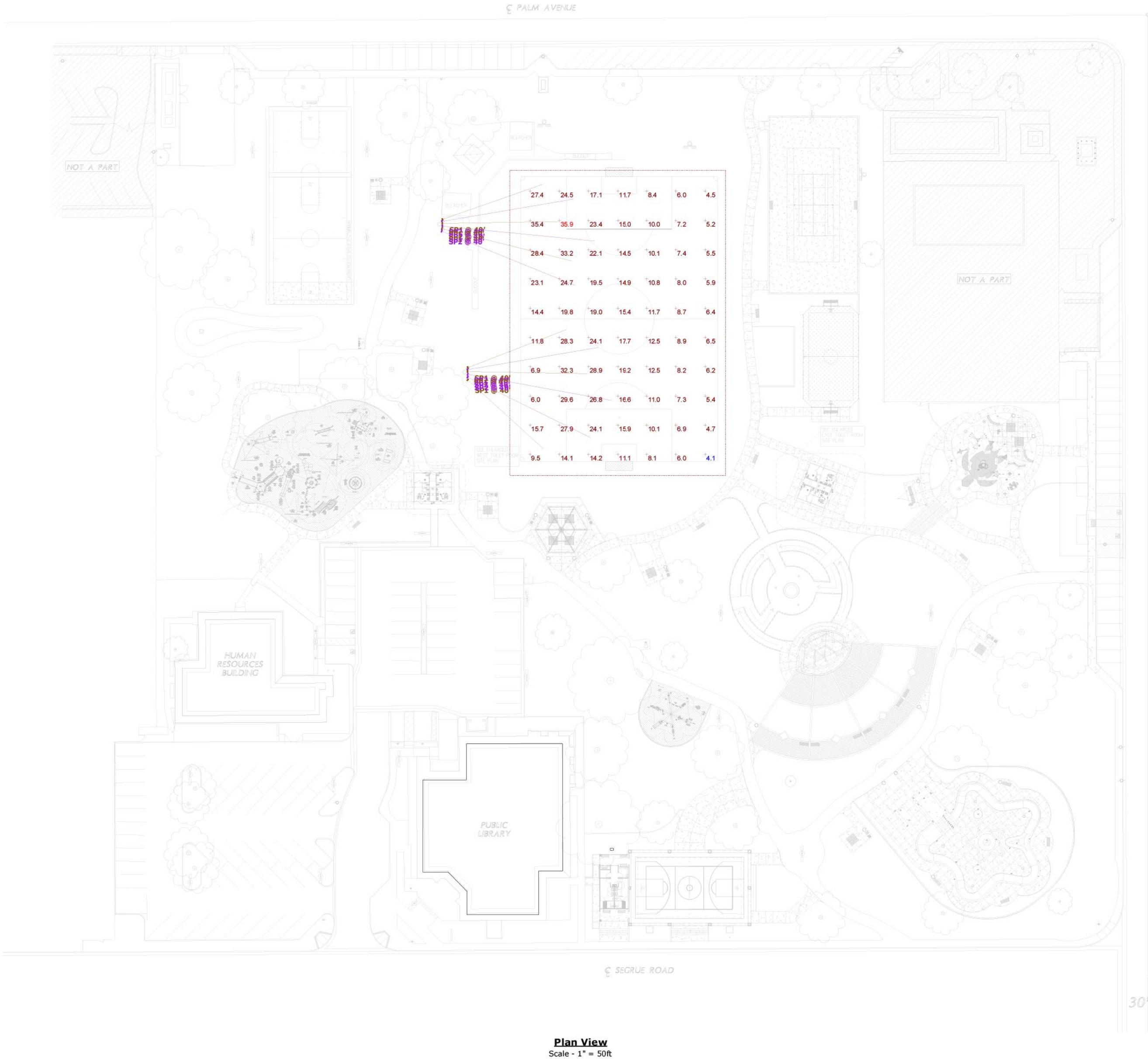
REVISION	DESCRIPTION
10	10-28-24

JOB	
DP	
FW	
	ES2

FIXTURE SCHEDULE								
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Source	Lumens Per LED	LLF Input Power
	SP1	6	SPEC GRADE LED	WIDE-600-4000K-4000W WIDE SERIES - WEDGE SPORTSLIGHTER WELL (L30/277) WT THE 650W 4000K	WIDE-600-4000K-4000W WIDE SERIES - WEDGE SPORTSLIGHTER WELL (L30/277) WT THE 650W 4000K REPLACE EXISTING FIXTURES. CONTRACTOR TO VERIFY MOUNTING PRIOR TO ORDERING	4000K, 60 CRI	73434	0.92 655.6
	SP2	6	SPEC GRADE LED	WIDE-600-4000K-3000W WIDE SERIES - WEDGE SPORTSLIGHTER WELL (L30/277) WT THE 650W 3000K	WIDE-600-4000K-3000W WIDE SERIES - WEDGE SPORTSLIGHTER WELL (L30/277) WT THE 650W 3000K REPLACE EXISTING FIXTURES. CONTRACTOR TO VERIFY MOUNTING PRIOR TO ORDERING	4000K, 60 CRI	76294	0.92 655.2
	ST1	6	BESA	77 662 K4 COLOR- WITH 12 2800K T5S PROVIDE WITH TUBE CLAMP RING CONCENTRIC RING CLAMP. MOUNT ON POLE WITH ORIGINATION	STAGE LIGHTING FLOOD LIGHTS-0-150V DIMMABLE	LED 48,2W	3118	0.92 54



STATISTICS							
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	UG
AMPHITHEATER	+	1.6 fc	5.8 fc	0.1 fc	58.0:1	16.0:1	20.8
CENTER WALKWAY AREA	X	0.6 fc	1.5 fc	0.2 fc	7.5:1	3.0:1	-1.0
PLAY AREA 2	+	1.0 fc	8.2 fc	0.1 fc	82.0:1	10.0:1	23.7
SOCCER FIELD	+	15.1 fc	35.9 fc	4.1 fc	8.8:1	3.7:1	4.9
WALKWAYS	X	1.3 fc	8.1 fc	0.0 fc	N/A	N/A	-1.0
WATER PARK	+	0.9 fc	7.7 fc	0.0 fc	N/A	N/A	-1.0
2-12 AREA	+	1.0 fc	7.0 fc	0.0 fc	N/A	N/A	-1.0



Plan View
Scale - 1" = 50'

DISCLAIMER
The photometric calculation is provided as service for evaluating lighting levels and the results are based upon the data entered by the designer and the criteria provided by the customer. Responsibility of approval is by others. All of the data and fixture selections shall be reviewed and accepted by the approving authority. Fixture nomenclature shall be approved through submittal process prior to product being ordered.



LAMONT PARK
SITE PHOTOMETRIC
LAMONT, CA

MAR VISTA SALES
STEVE DOMINGUEZ
805-701-8156
DATE xx/xx/2022
SCALE Not to Scale
FILE NAME:
SUMMARY



SF_A

Skarphol / Frank Associates

ARCHITECTURE • PLANNING • INTERIORS

Paul Skarphol, Architect • Gregory Frank, Architect

925 17th Street
Bakersfield, CA 93301
(661) 334-2741
skarpholfrank.com

These drawings, related specifications, ideas, designs and arrangements represented hereby are and shall remain the property of the Architect and no part thereof shall be copied, disclosed to others used in connection with any work or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.

CANTELM ENGINEERING

MECHANICAL/ELECTRICAL

2130 F STREET BAKERSFIELD, CA 93301
TEL: (661) 324-5252 FAX: (661) 324-9439 Cantelmi@cantelmi.net



LAMONT PARK
BEAUTIFICATION
PROJECT

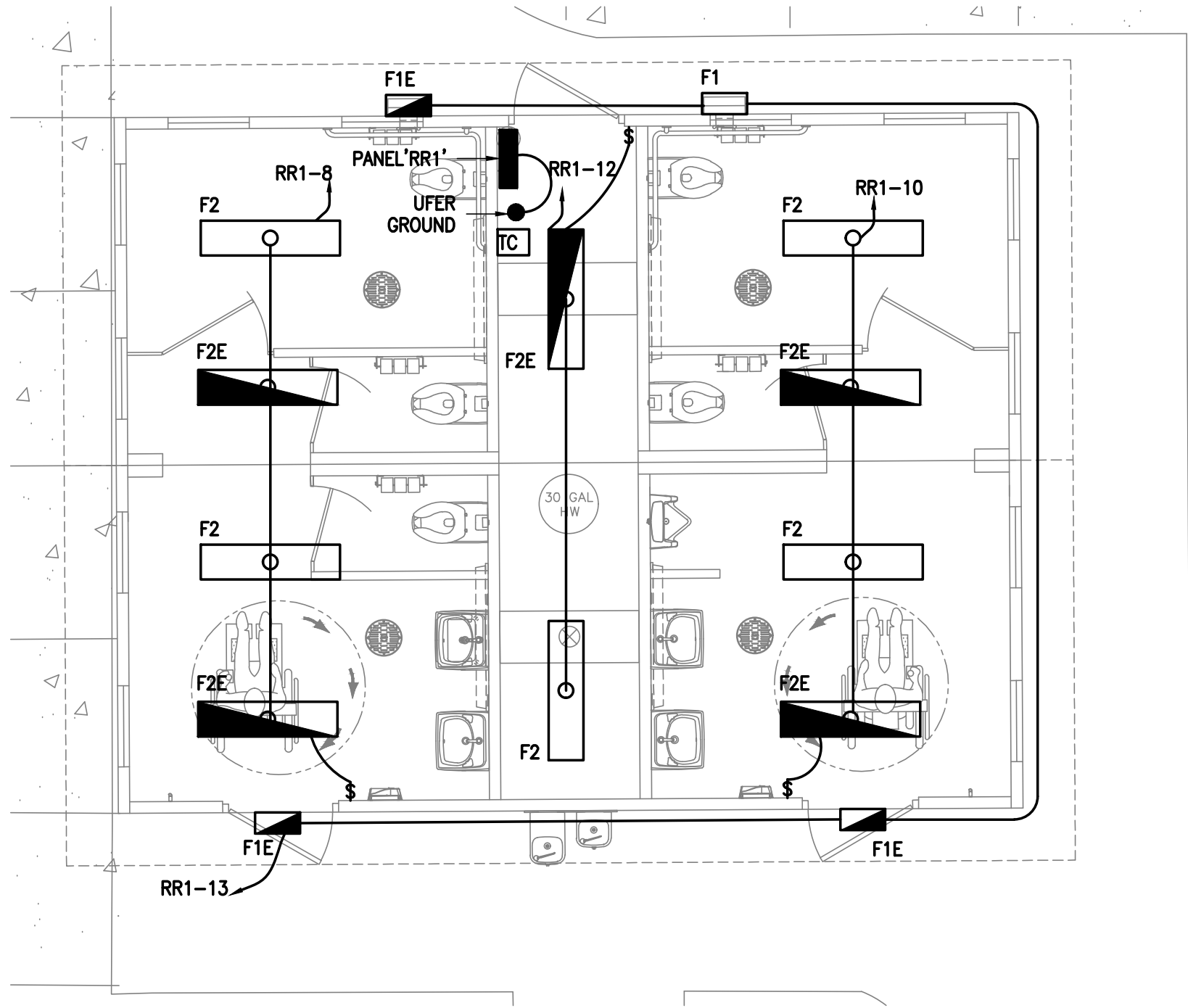
UPGRADED PARK AMENITIES
AND FEATURES

8300 SEGRUE ROAD
LAMONT, CALIFORNIA

DATE	SUBMIT FOR

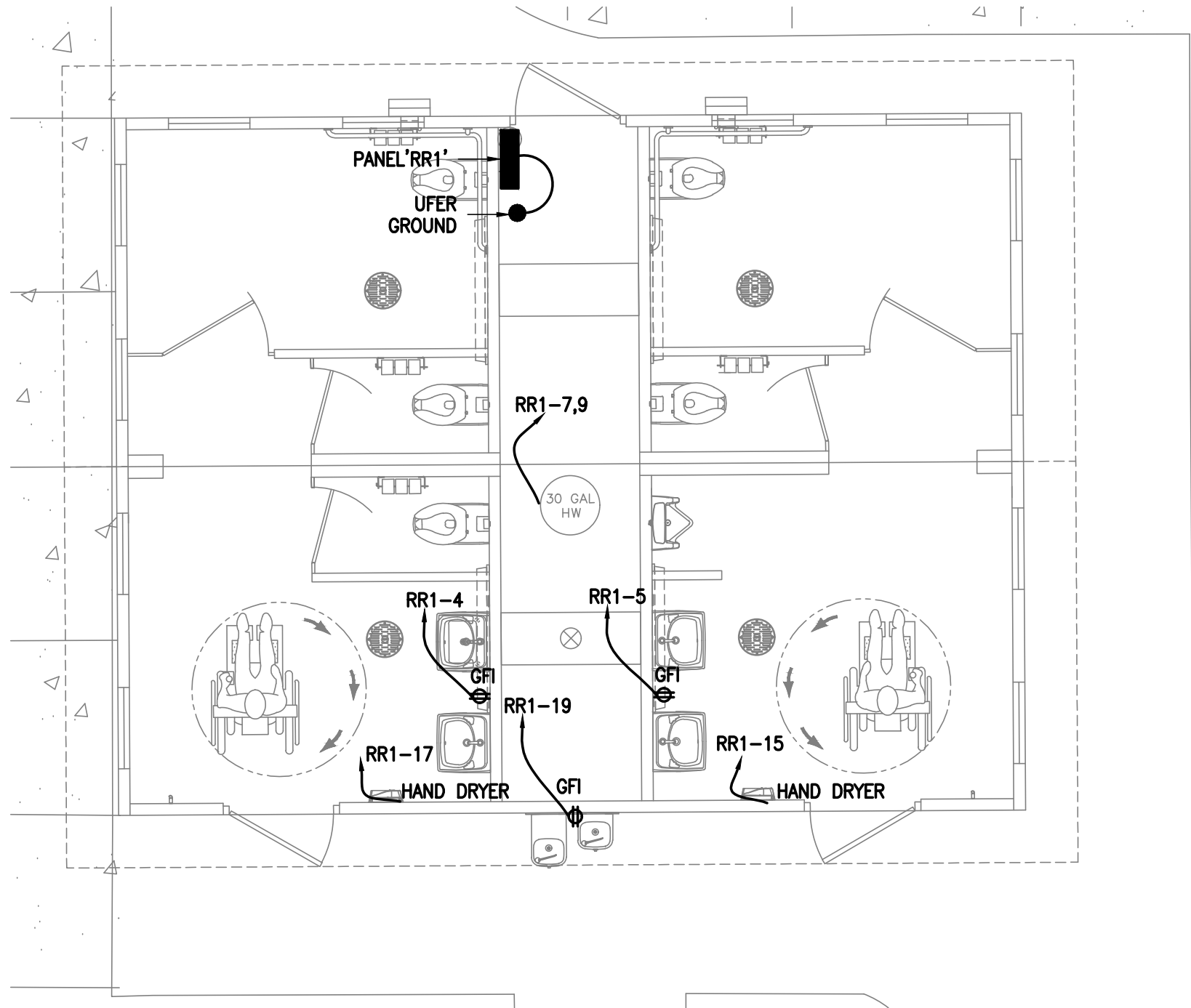
REVISION	DESCRIPTION
10	10-28-24

JOB	ES3
DP	
FW	



① LIGHTING PLAN RESTROOM BUILDING

SCALE: 1/4" = 1'-0"



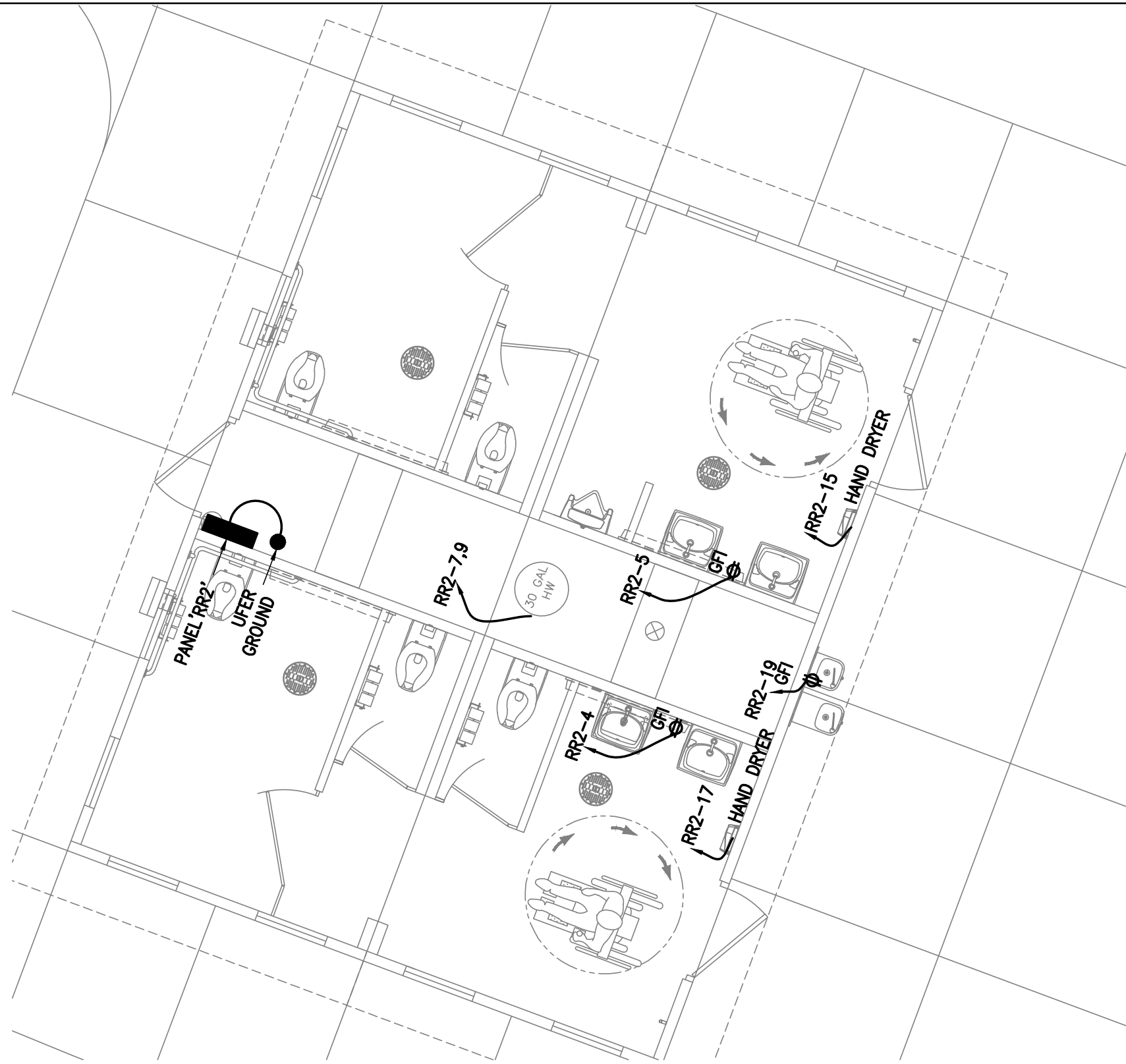
② POWER FLOOR PLAN RESTROOM BUILDING

SCALE: 1/4" = 1'-0"



③ LIGHTING PLAN RESTROOM BUILDING

SCALE: 1/4" = 1'-0"



④ POWER FLOOR PLAN RESTROOM BUILDING

SCALE: 1/4" = 1'-0"



These drawings, related specifications, ideas, designs and arrangements represented hereby are and shall remain the property of the Architect and no part thereof shall be copied, disclosed to others used in connection with any work or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.



LAMONT PARK BEAUTIFICATION PROJECT

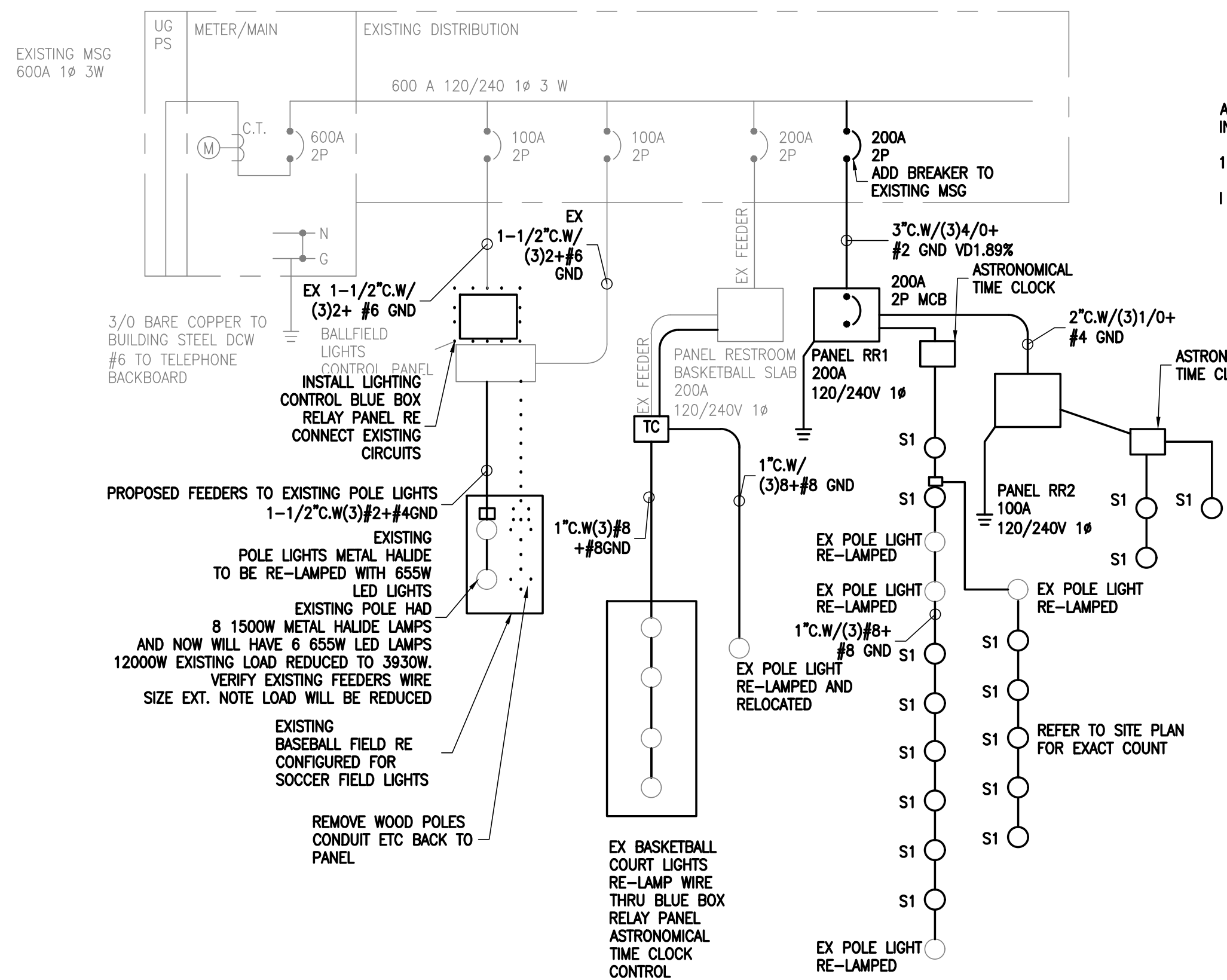
UPGRADED PARK AMENITIES AND FEATURES

8300 SEGRUE ROAD
 LAMONT, CALIFORNIA

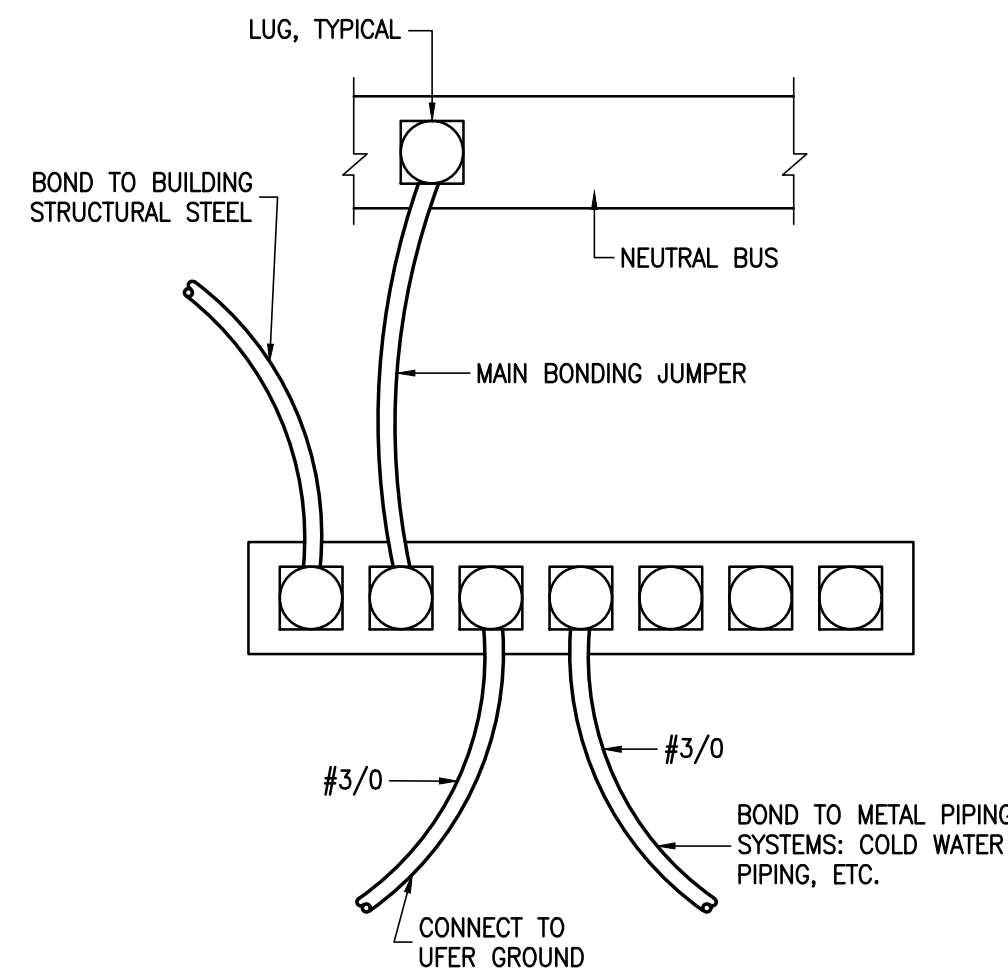
DATE	ISSUED FOR

REVISION	DESCRIPTION
10	10-28-24

JOB	
DP	
FW	
	E2.0



① SINGLE LINE DIAGRAM AT MAINTENANCE BUILDING N.T.S.



② BONDING DETAIL N.T.S.

AVAILABLE UTILITY INFINITE ASSUMPTION
150KVA 3.45%
I L L = 1202.8A

STEP ONE
150X1000
240V = 417.8A

STEP 2
MULTIPLIER = 100
3.5X0.9 = 31.746

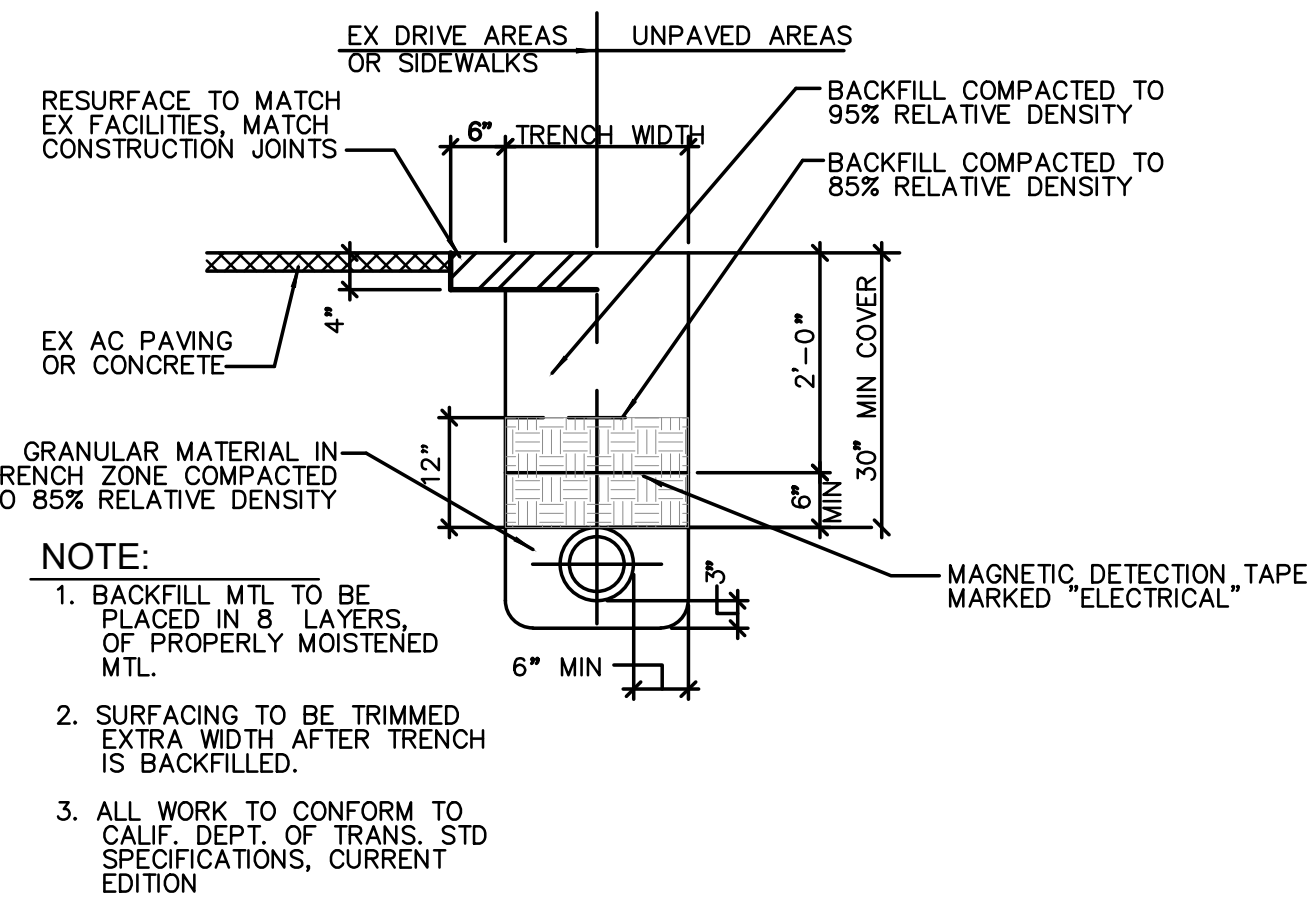
STEP 3
ISC 417.8A X 31.746 = 13,264A
FAULT 1

STEP 4
1.73X10X13,264 = 0.013
13656X 6 X208

STEP 5
MULTIPLIER = 1
1+0.013 = 0.987

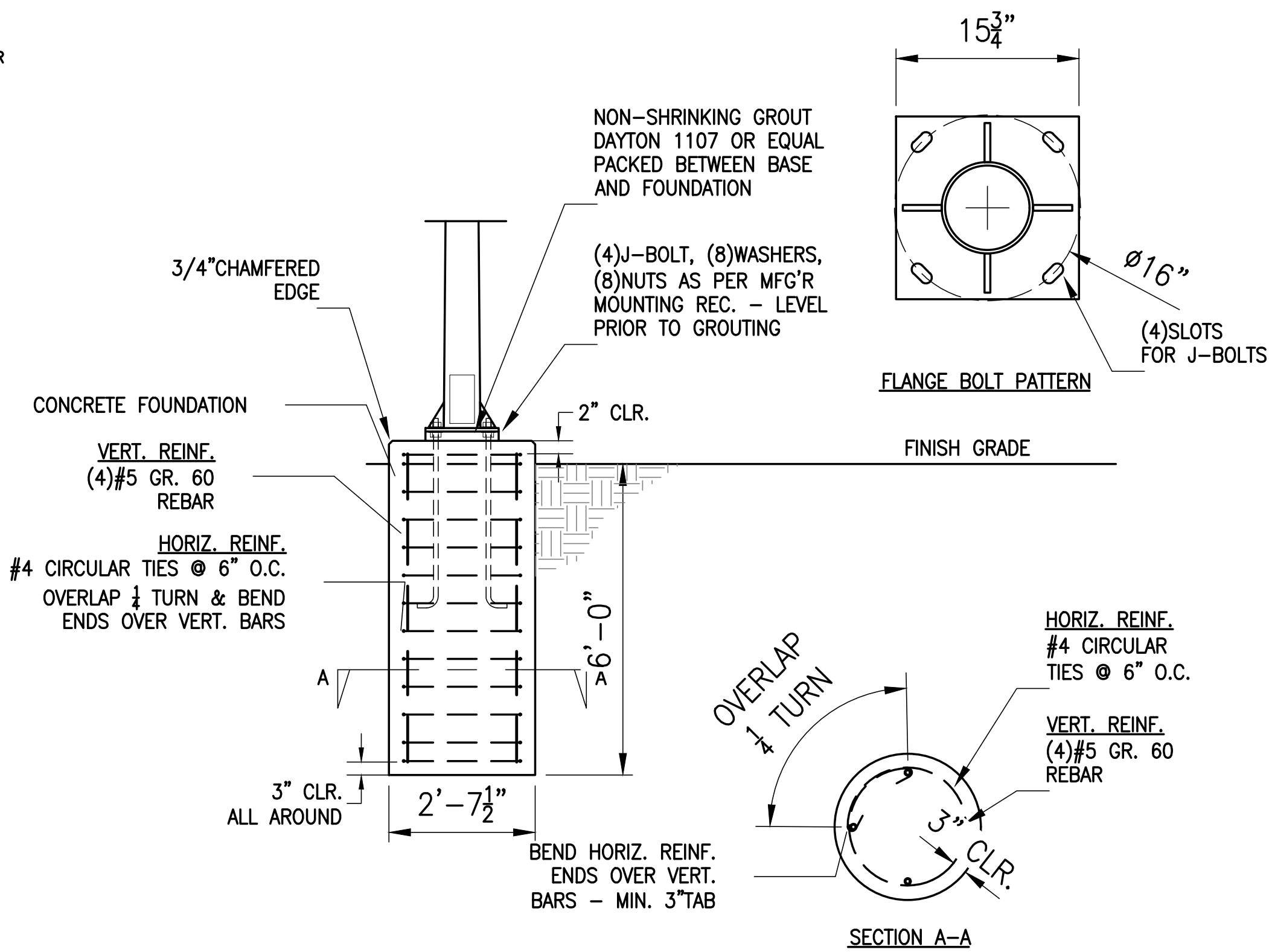
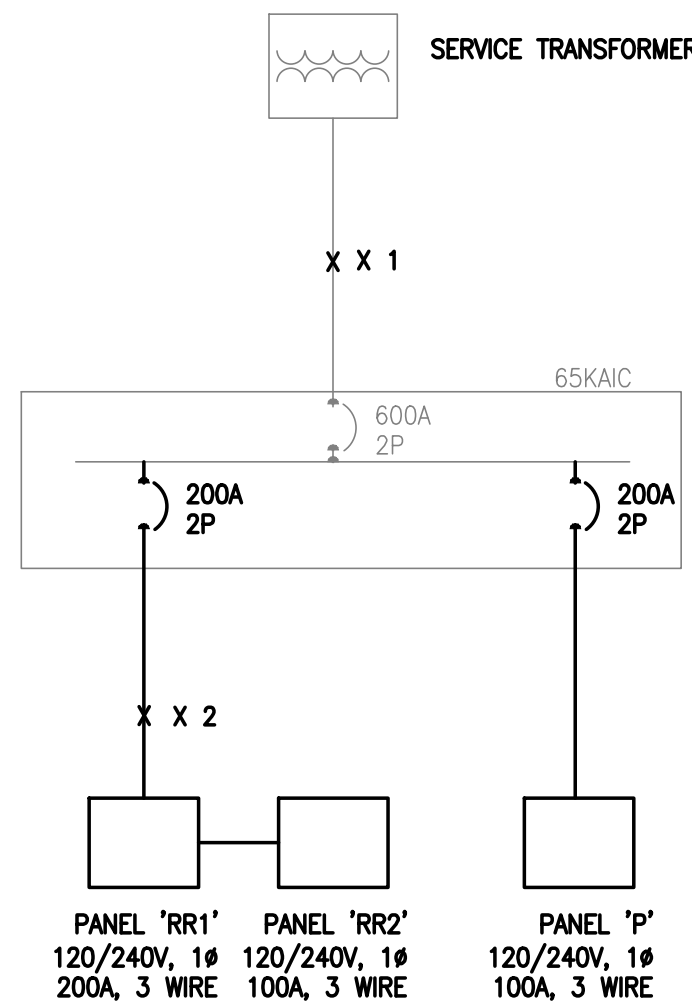
STEP 6
ISC = 13656A X 0.987 = 13480.7A

EX MSG LOAD CALCULATIONS		
PANEL	SIZE	LOAD
PANEL RR1,RR2	200A	20,000W
RIGHT SIDE OF FIELD	100A	7,800W
LEFT SIDE OF FIELD	100A	7,800W
PANEL RESTROOM	200A	21,500W
PANEL P	200A	30,400W
TOTAL	-	87,500W
SERVICE SIZE	600A	365A

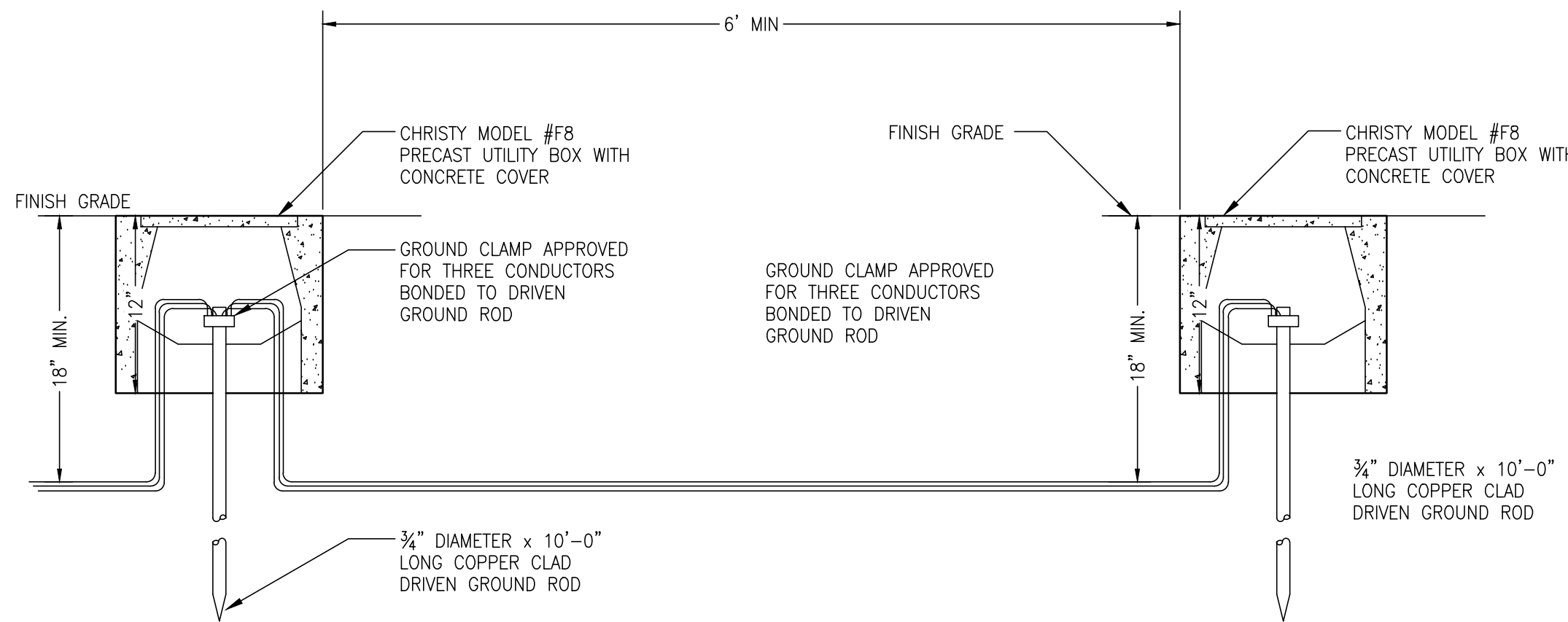


③ TRENCH DETAIL N.T.S.

LIGHT FIXTURE SCHEDULE VOLTAGE: UNV (U.O.N.)			
TYPE	INPUT WATTS	DESCRIPTION AND MANUFACTURER	REMARKS
F1	29	WALL PACK VOLTAGE: UNV LAMP: LED MANUFACTURER: LITHONIA # WIDGEZ-LED-P3SW-ED10W	90MIN BATTERY BACKUP
F2	49	LINEAR SURFACE VOLTAGE: UNV LAMP: LED MANUFACTURER: KENALL #MLHA5-48-YY-ZZ-PP-45L40K	
S1	55	POLE LIGHT VOLTAGE: UNV LAMP: LED MANUFACTURER: LUMINIS LIGHTING CT180	
S2	133	POLE LIGHT VOLTAGE: UNV LAMP: LED MANUFACTURER: LITHONIA RSX1	
S3	13.5	POLE LIGHT VOLTAGE: UNV LAMP: LED MANUFACTURER: TARGETTI KPLM417ML240	
SP1,SP2	655	SPORTS LIGHT VOLTAGE: UNV LAMP: LED MANUFACTURER: BEGA #77 652 K4	



④ POLE BASE MTG N.T.S.



⑤ GROUND ROD N.T.S.

LIGHTING CONTROLS SCHEDULE			
SYMBOL	DESCRIPTION AND MANUFACTURER	SYMBOL	DESCRIPTION AND MANUFACTURER
Ⓢ	OCCUPANCY SENSOR CEILING MOUNT - 360° SENSING ANGLE COMMUNICATION: (2)#18 AWG MANUFACTURER: DOUGLAS #WOSD01-P-N	R	RELAY PACK FOR CONTROLLED RECEPTACLES FOR CONTROLLED RECEPTACLES IN OFFICE AREAS 20A MAX COMMUNICATION: (2)#18 GAUGE WIRE MANUFACTURER: DOUGLAS WUL-3924
Ⓢ	DAYLIGHT SENSOR CEILING MOUNT IN DAYLIGHT AREA COMMUNICATION: (2)#18 AWG MANUFACTURER: DOUGLAS #WPP-INT	L	DIMMING RELAY PACK FOR CONTROLLED LIGHTS MOUNT CONCEALED ABOVE CEILING - 16A MAX COMMUNICATION: (2)#18 GAUGE WIRE MANUFACTURER: DOUGLAS WUL-3924
Ⓢ	DIMMING LIGHT SWITCH COLOR TO MATCH WALL FINISH - WH=WHITE COMMUNICATION: (2)#18 AWG MANUFACTURER: DOUGLAS #WSD-3501	Ⓢ	OCCUPANCY WALL LIGHT SWITCH COLOR TO MATCH WALL FINISH - WH=WHITE COMMUNICATION: (2)#18 AWG MANUFACTURER: DOUGLAS #WOSD01-P-VW



DATE	SUBMIT ITEM

REVISION	DESCRIPTION
10	10-28-24

JOB	
DP	
EW	
	E4.0

these drawings, related specifications, ideas, designs and arrangements represented thereby are and shall remain the property of the Architect and no part thereof shall be copied, disclosed to others used in connection with any work or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.

SCOPE OF WORK(NOT LIMITED TO)
PROPOSED BATHROOM BUILDINGS
PROVIDE PLUMBING FOR PROPOSED
VOLLEYBALL COURT RESTROOMS

— (EXISTING)
TO BE REMAIN

REFER TO
CIVIL PLANS
FOR SPLASH
PAD
INFORMATION

(EXISTING)
TO REMAIN


PLUMBING SITE PLAN

SCALE: 1" = 40'-0"



DATE	ISSUED FOR

REVISION	DESCRIPTION
	10-28-24

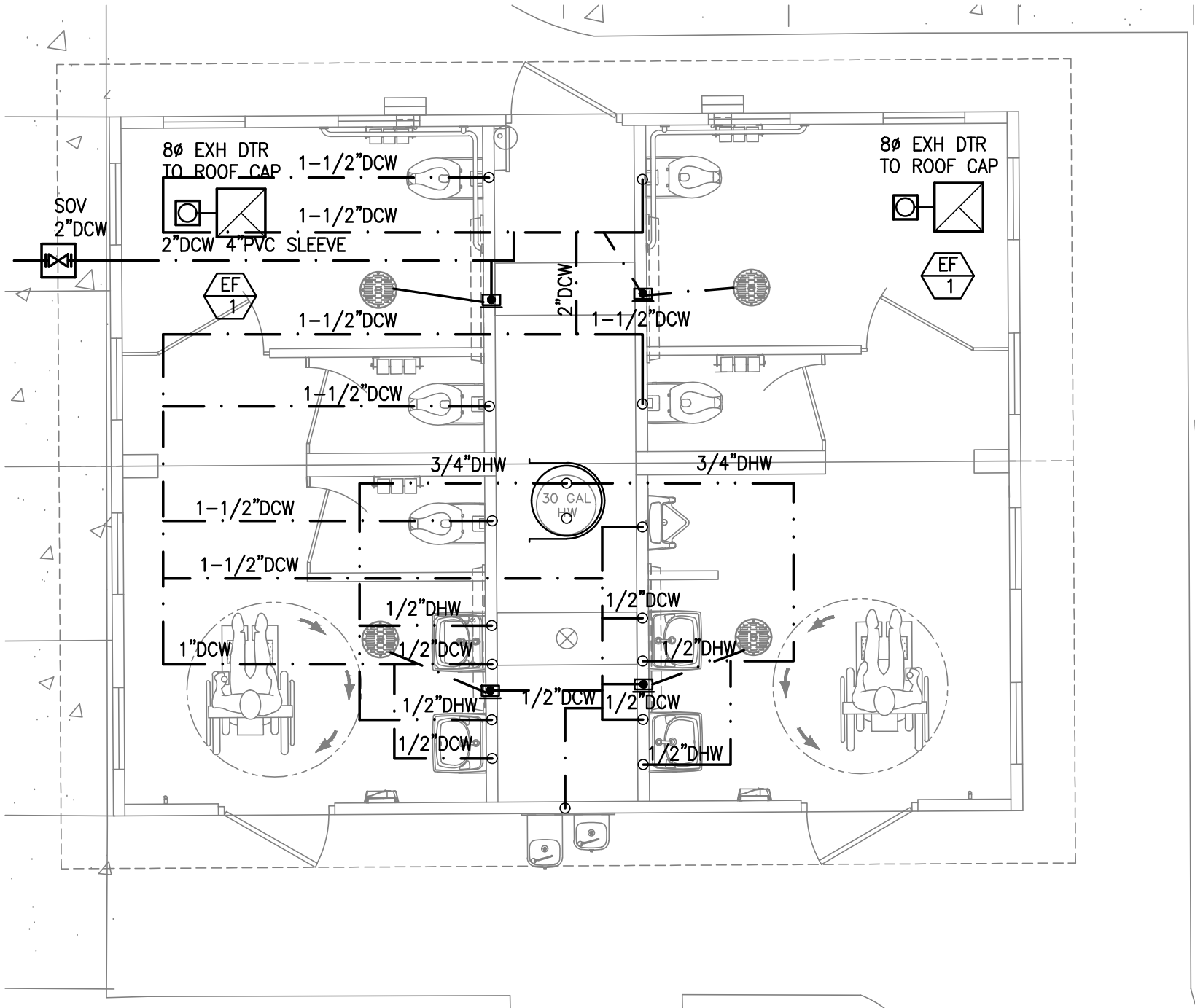
JOB	
DP	
PM	



LAMONT
PARK
BEAUTIFICATION
PROJECT

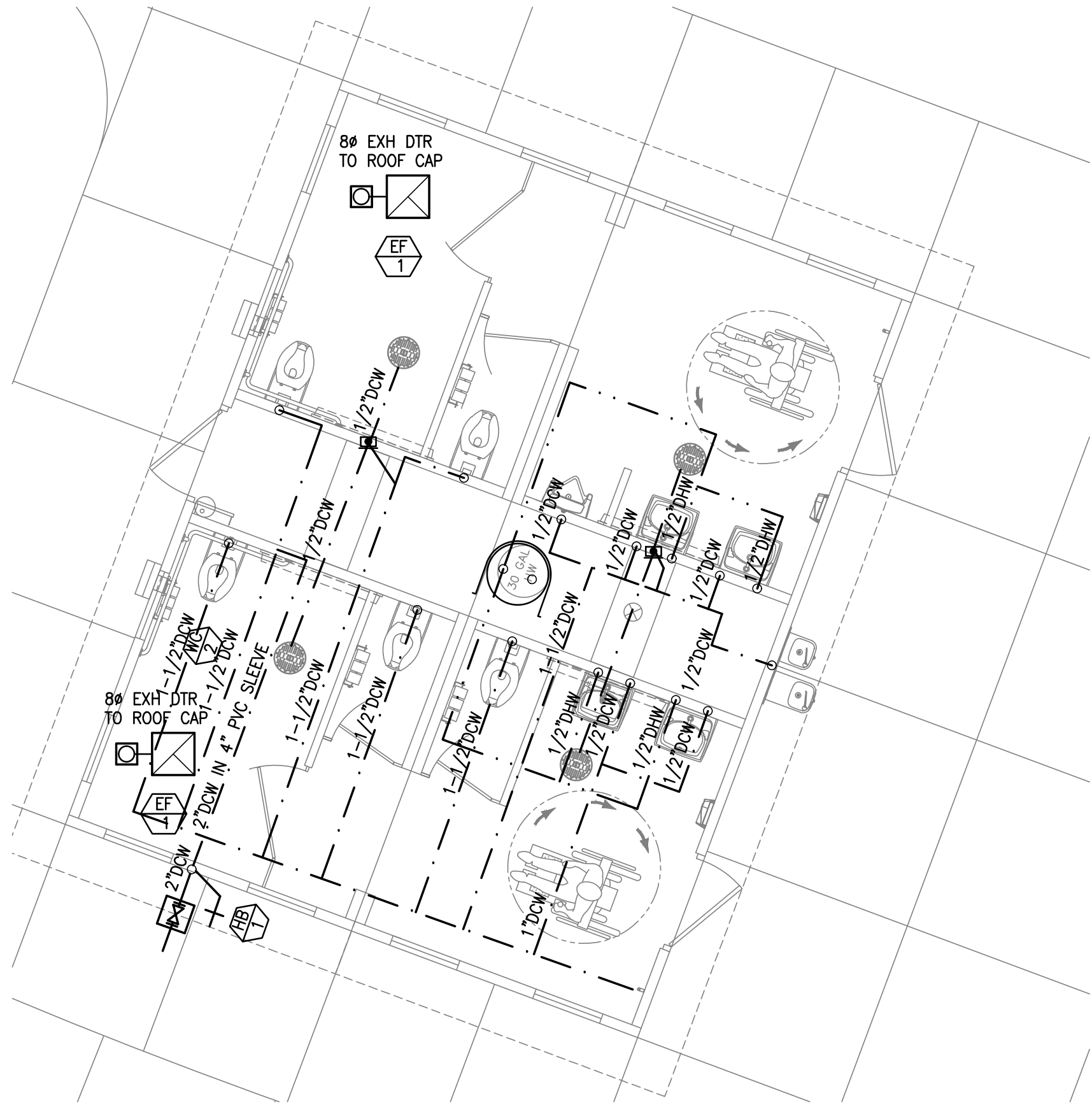
UPGRADED PARK AMENITIES AND FEATURES

8300 SEGRUE ROAD
LAMONT, CALIFORNIA



1 PLUMBING FLOOR PLAN RESTROOM BUILDING

SCALE: 1/4" = 1'-0"



2 PLUMBING FLOOR PLAN RESTROOM BUILDING

SCALE: 1/4" = 1'-0"

MECHANICAL SCHEDULE	
EF 1	COOK LITTLE GEM-II CEILING MOUNTED EXHAUST FAN - 84 CFM @ .5" SP - BACKDRAFT DAMPER - ROOF CAP - 60 WATTS - 120v 22 LBS - INTERLOCK w/LIGHT SWITCH

WATER SERVICE CALCULATIONS PER CPC 2022				
FIXTURE	NO.	FIX. UNIT.	TOTAL COLD	TOTAL HOT
WATER CLOSET FV (1.28GPF)	5.0	-	115.0	-
HOSE BIBB	1.0	2.5	2.5	-
SERVICE SINK OR MOP BASIN (2.2GPM)	1.0	3.0	3.0	2.3
LAVATORY (.20GPM PER CYCLE)	4.0	1.0	4.0	3.0
DRINKING FOUNTAIN OR WATERCOOLER	1.0	0.5	0.5	0.0
TOTAL FIXTURE UNITS			125.0	5.3
TOTAL GPM CPC CHARTS A 103.1(1) & 103.1(2)				
MAIN LINE SIZE				2"
WATER METER SIZE				1 1/2"
TOTAL ENVELODED LENGTH (FROM METER TO MOST REMOTE FIXTURE IN FT.)				200.00'
PRESSURE LOSS IN PSI				
TOTAL RISE FOR HEAD LOSS			43 X 10.00'	4.3
PSI REQUIRED FOR WATER CLOSET/URINAL (FV=15.0 FT=8.0 PSI)			15.0	
PSI FLOW LOSS THROUGH WATER METER CPC CHART A 102.2			5.5	
PSI FLOW LOSS THROUGH BACKFLOW PREVENTOR			12.0	
TOTAL PRESSURE LOSS IN SYSTEM			36.8	
MINIMUM PSI AVAILABLE @ JOB SITE (PLUMBER TO VERIFY)			60.0	
REMAINING PSI AVAILABLE (IF NEGATIVE USE BOOSTER PUMP)			23.2	
PSI DROP PER 100'-0" AVAILABLE			11.6	
CALIFORNIA PLUMBING CODE SECTION 610.12				
DOMSTIC COLD WATER MAX. (8) FOOT PER SECOND				
DOMSTIC HOT WATER MAX. (5) FOOT PER SECOND				

WASTE SERVICE CALCULATION			
	NO.	FIX. UNIT	TOTAL FIX UNIT
DRINKING FOUNTAIN OR WATERCOOLER	1.0	0.5	0.5
LAVATORY (.25GPM PER CYCLE)	2.0	1.0	2.0
WATER CLOSET FV (1.28GPF)	2.0	4.0	8.0
KITCHEN SINK (1.8GPM)	1.0	1.5	1.5
			0.0
			0.0
			0.0
TOTAL FIXTURE UNITS			12.0
MAIN LINE SIZE PER CPC TABLE			
BASED ON SLOPE OF 1/4" PER FOOT			
FV - FLUSH VALVE			
GT- GRAVITY TANK			
GPF - GALLONS PER FLUSH			



These drawings, related specifications, ideas, designs and arrangements represented hereby are and shall remain the property of the Architect and no part thereof shall be copied, disclosed to others used in connection with any work or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.



LAMONT
PARK
BEAUTIFICATION
PROJECT

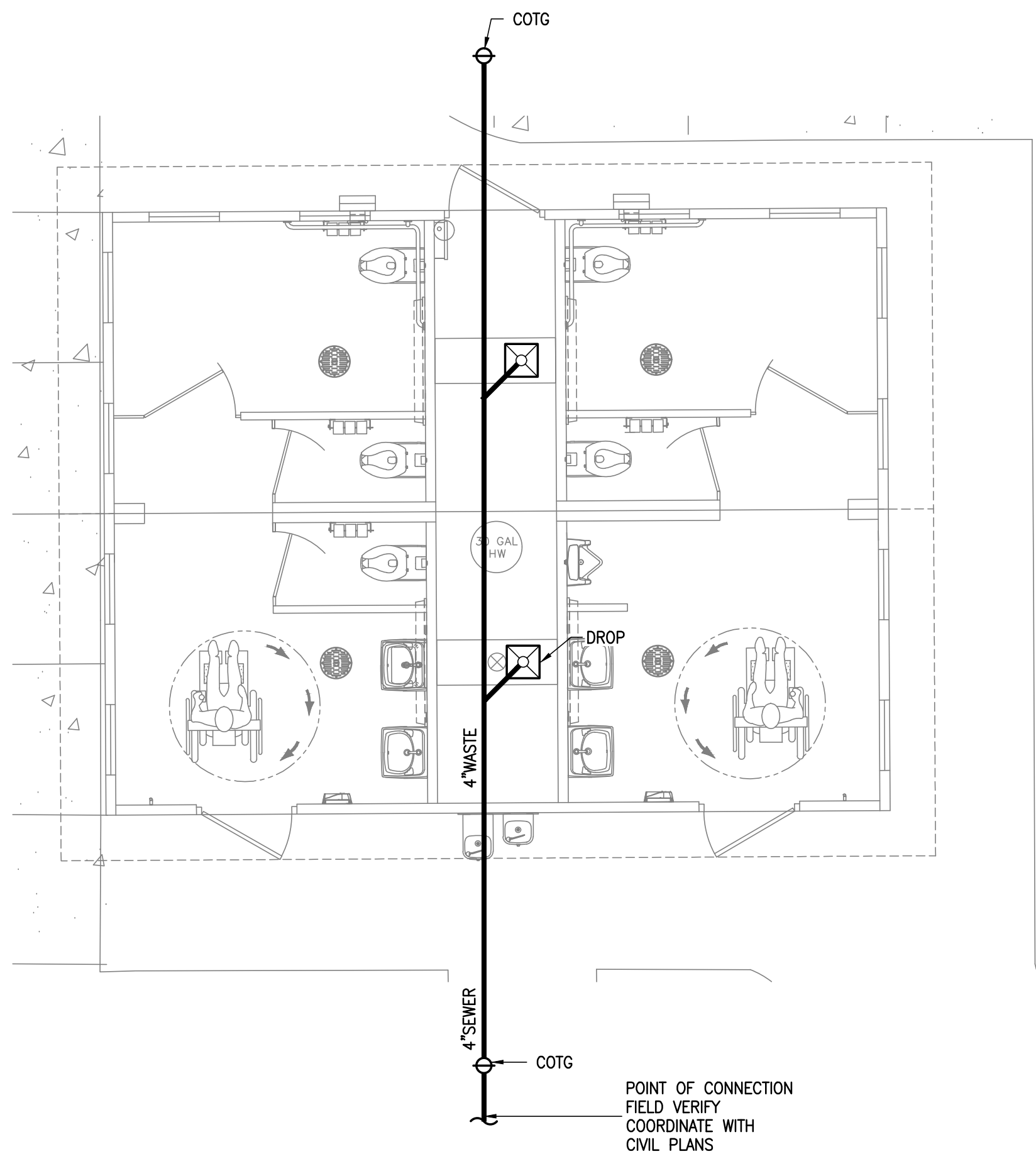
UPGRADED PARK AMENITIES
AND FEATURES

8300 SEGRUE ROAD
LAMONT, CALIFORNIA

DATE	ISSUED: 1/15

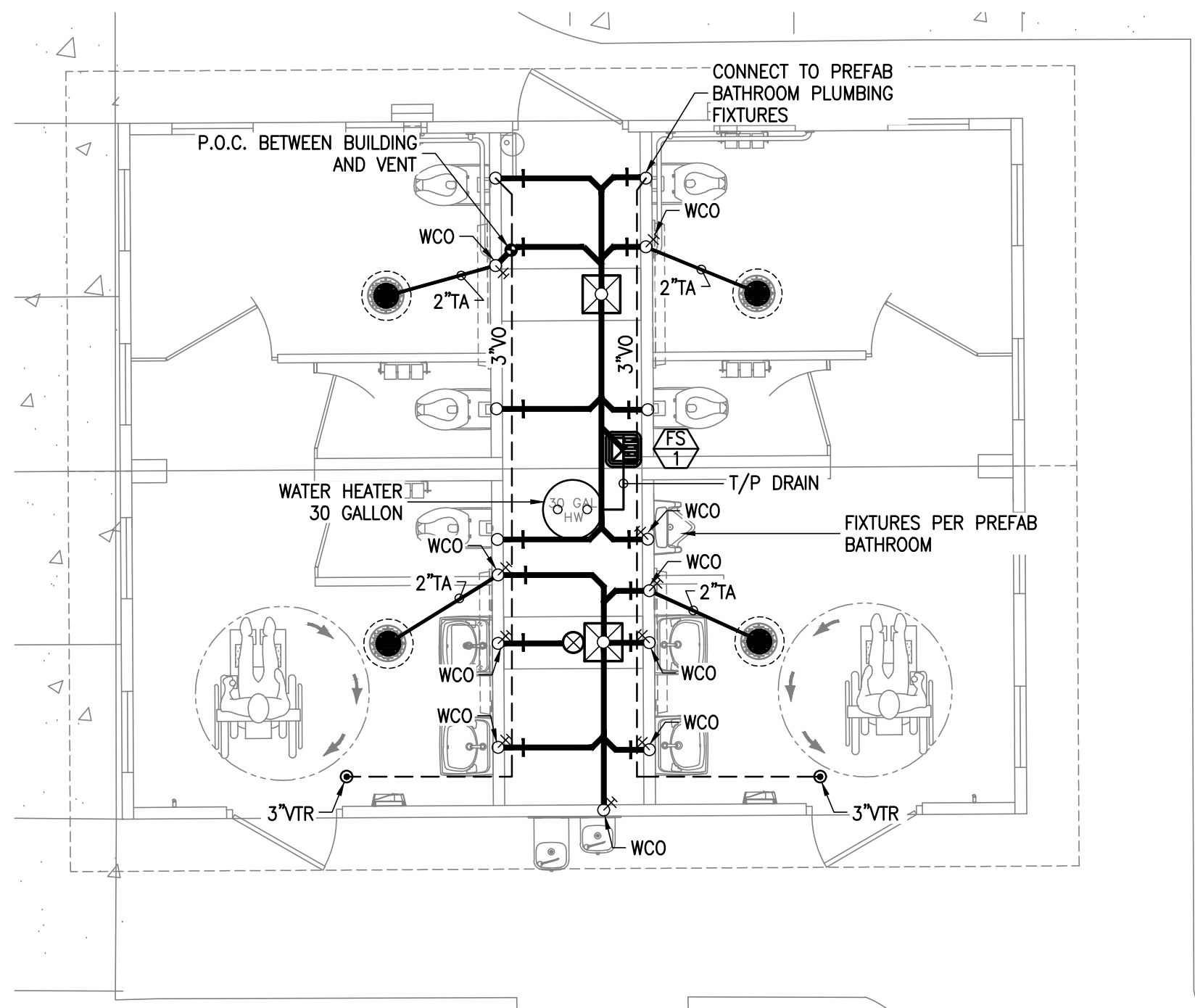
REVISION	DESCRIPTION
	10-28-24

JOB	MP1.0
DP	
FW	



① PLUMBING FLOOR PLAN RESTROOM BUILDING
BELOW GROUND

SCALE: 1/4" = 1'-0"



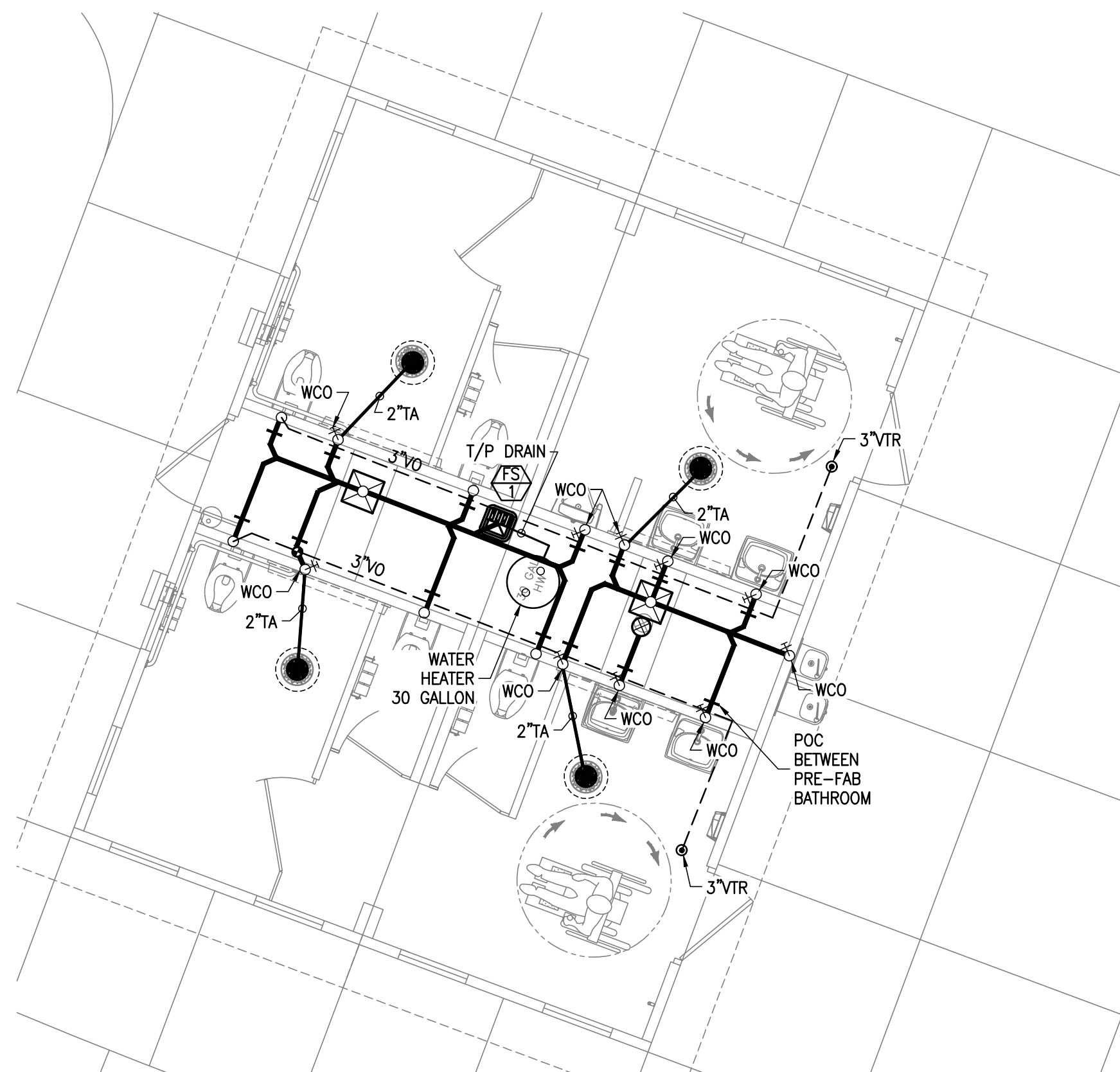
② PLUMBING FLOOR PLAN RESTROOM BUILDING
ABOVE GROUND

SCALE: 1/4" = 1'-0"



③ PLUMBING FLOOR PLAN RESTROOM BUILDING
BELOW GROUND

SCALE: 1/4" = 1'-0"



④ PLUMBING FLOOR PLAN RESTROOM BUILDING
ABOVE GROUND

SCALE: 1/4" = 1'-0"



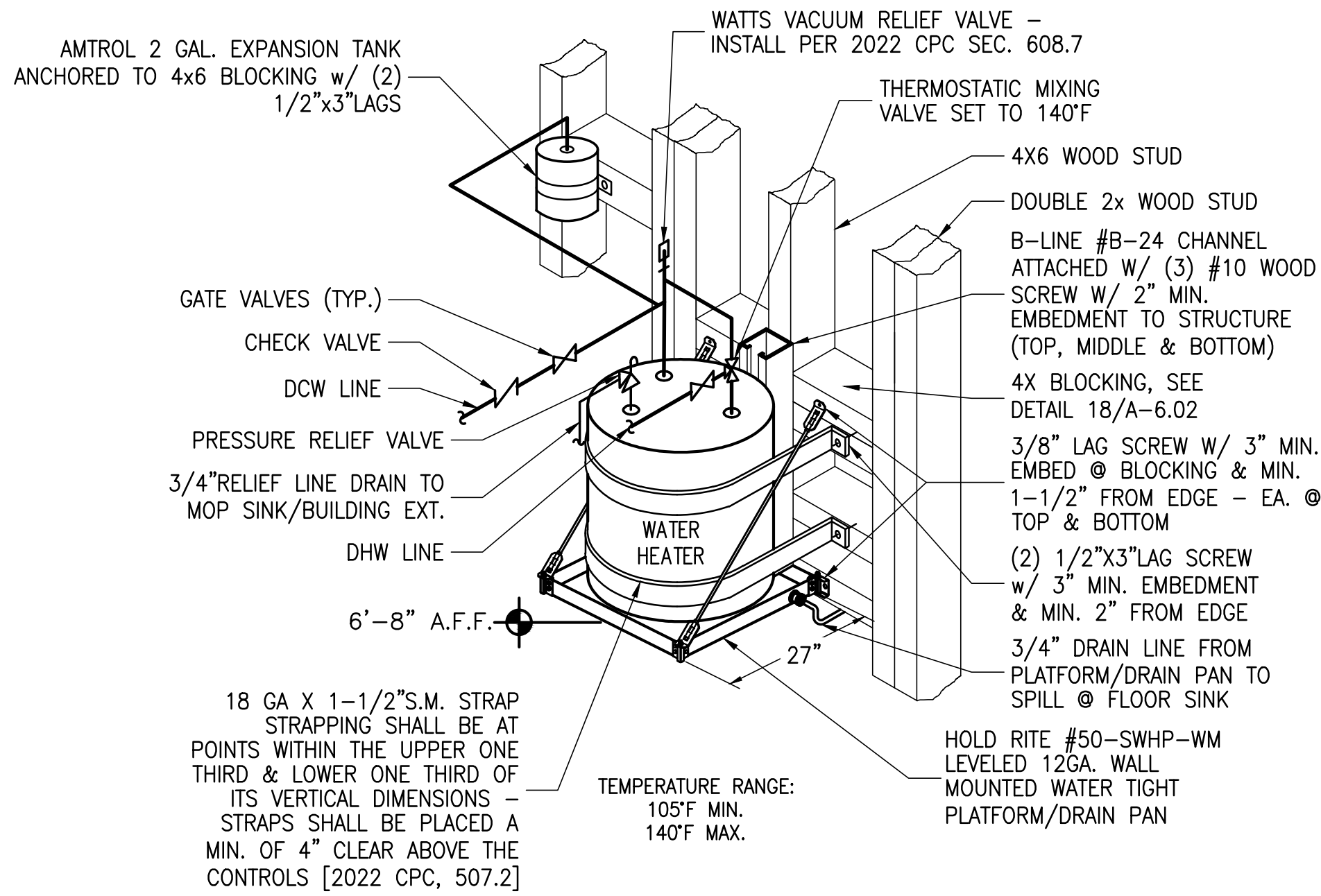
These drawings, related specifications, ideas, designs and arrangements represented hereby are and shall remain the property of the Architect and no part thereof shall be copied, disclosed to others used in connection with any work or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.



DATE	ISSUED FOR

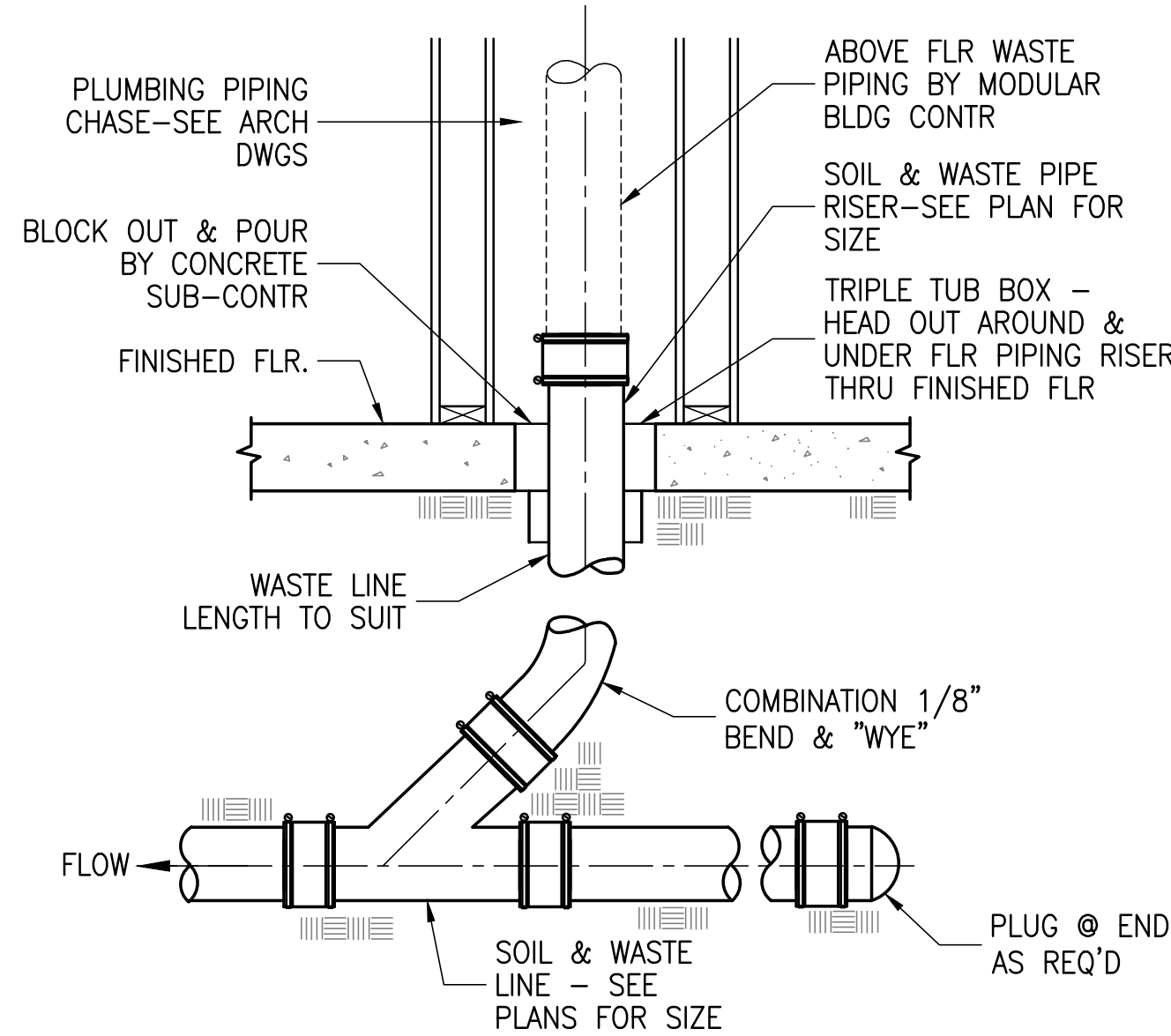
REVISION	DESCRIPTION
10	10-28-24

DESIGNED BY	MP2.0
DRAWN BY	
CHECKED BY	



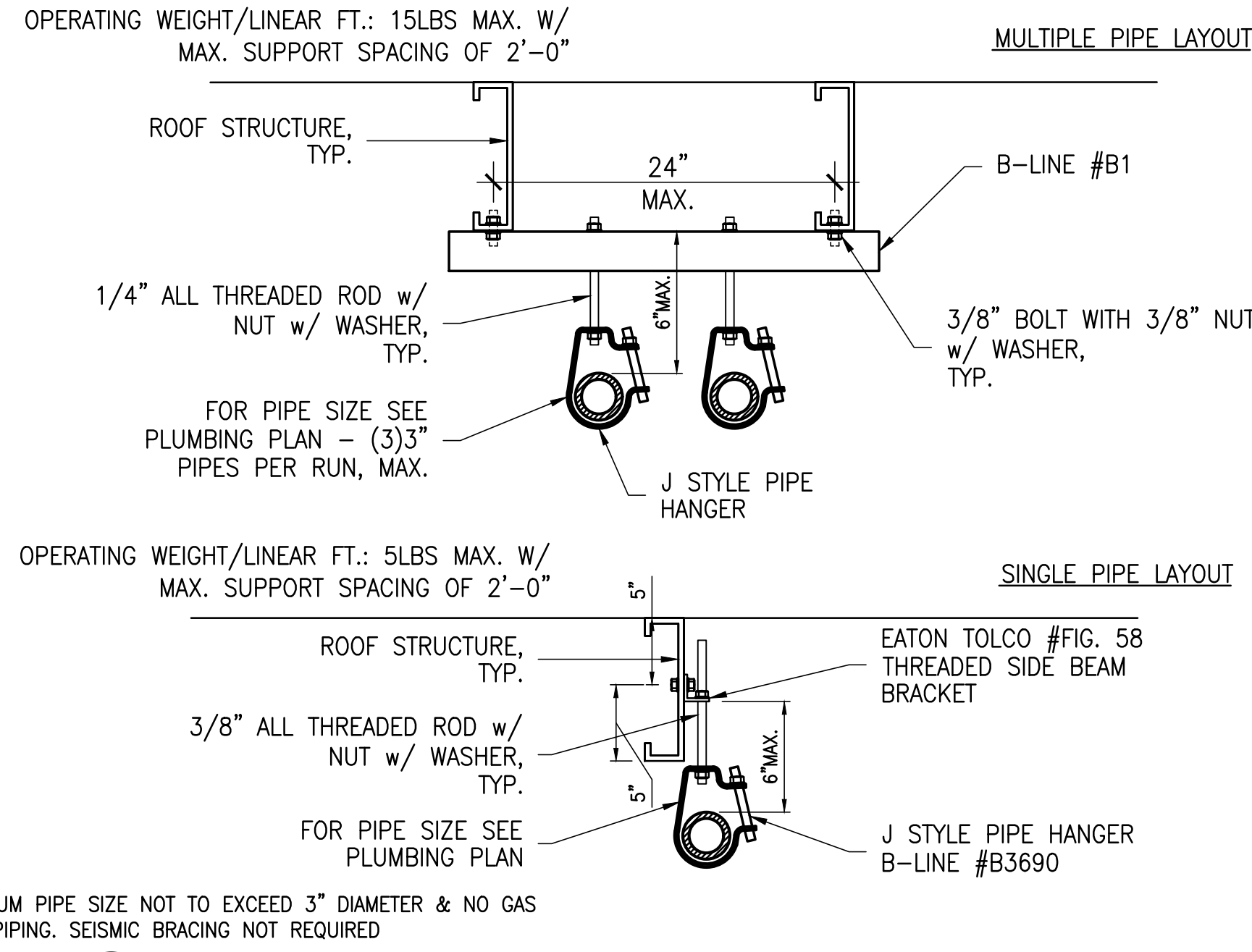
1 WATER HEATER MTG/PIPING

SCALE: NTS



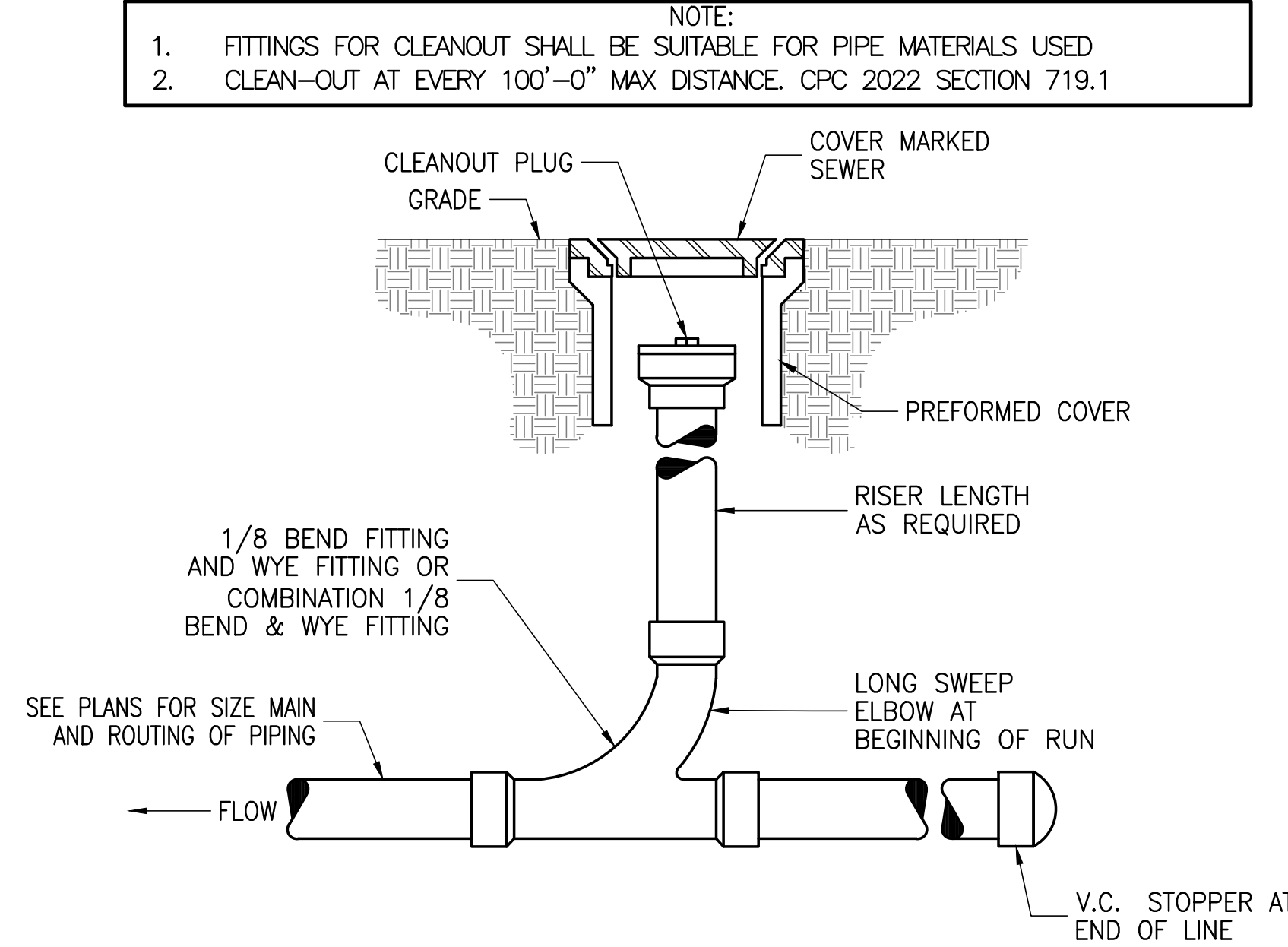
2 S&W PIPE RISER THRU FLR

SCALE: NTS



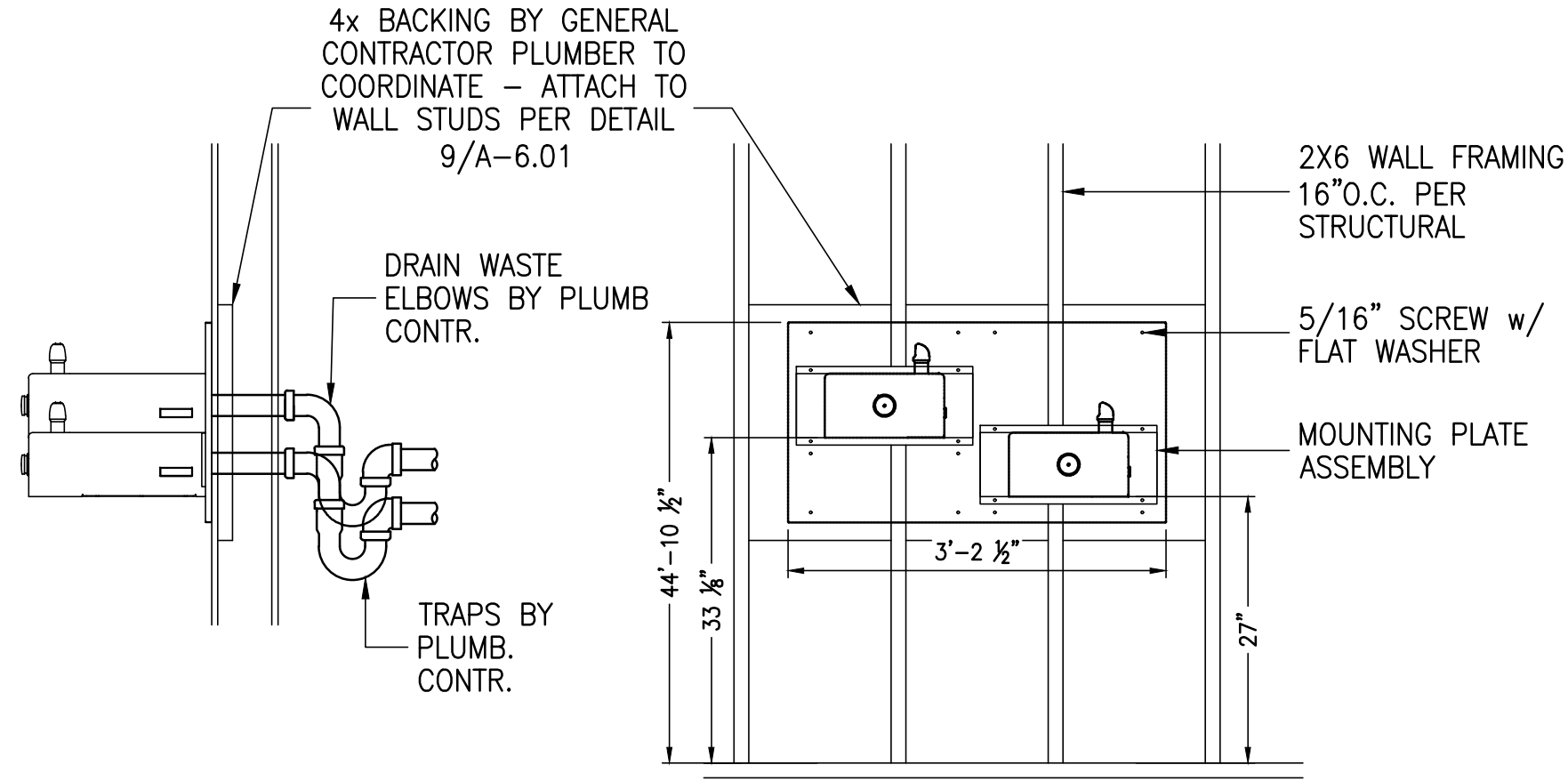
3 WATER HEATER MTG/PIPING

SCALE: NTS



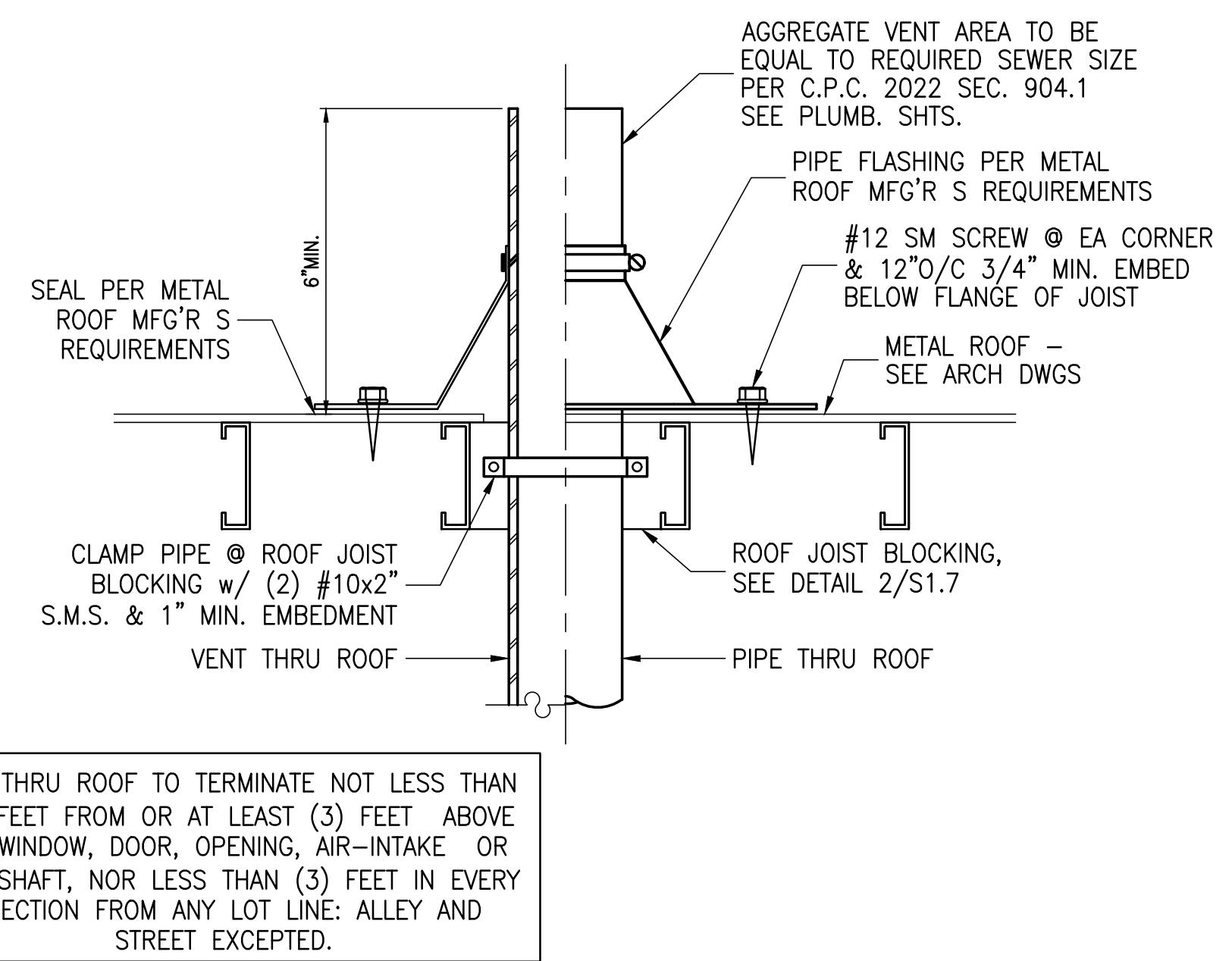
4 S&W PIPE RISER THRU FLR

SCALE: NTS



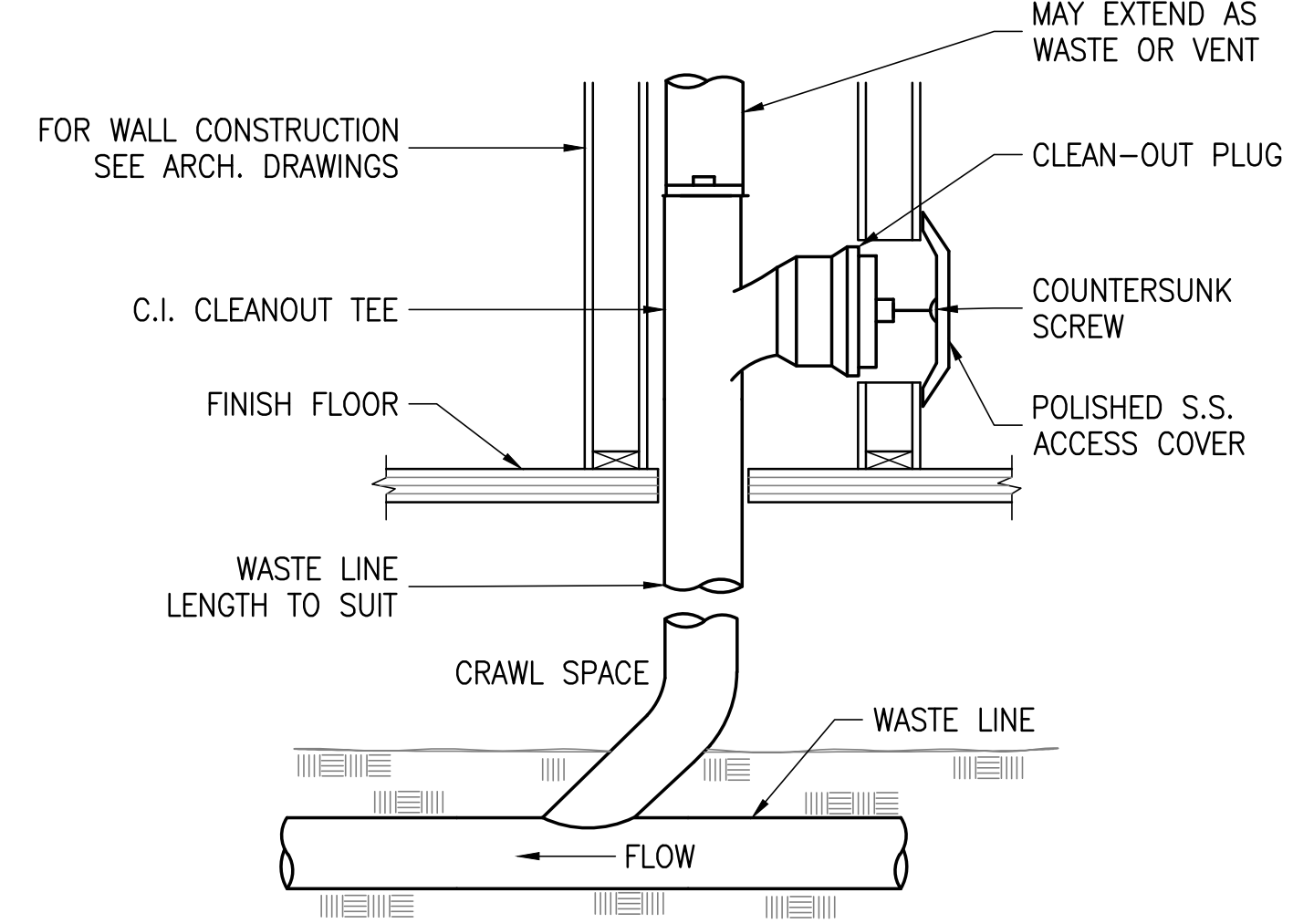
5 HI-LO DRINKING FOUNTAIN

N.T.S.



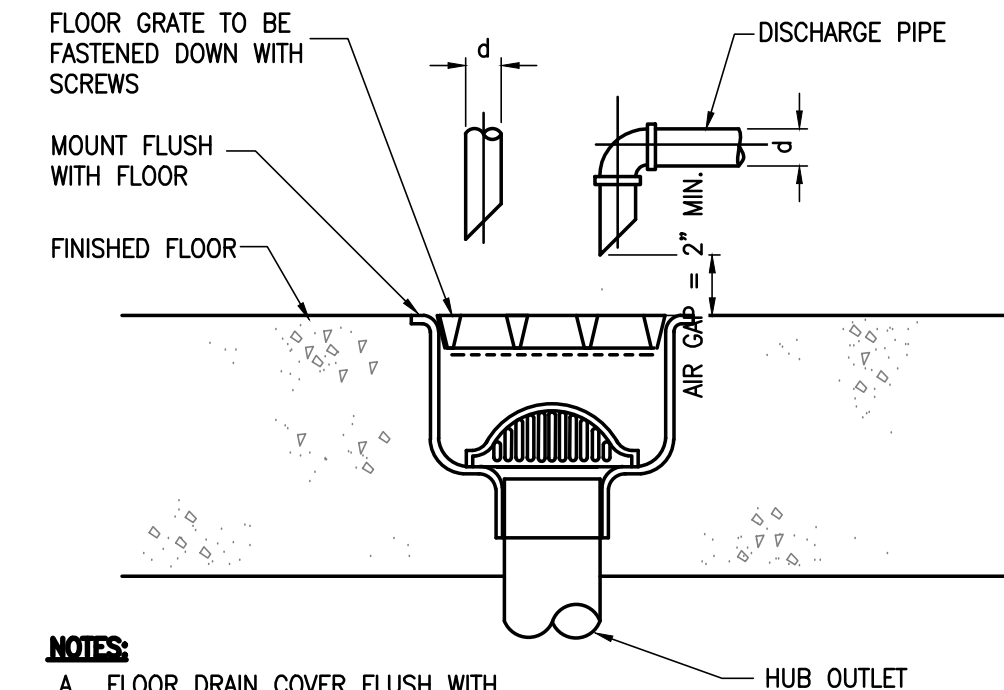
6 VETN/PIPE THRU ROOF

SCALE: NTS



7 WALL CLEANOUT

SCALE: NTS



8 FLOOR SINK "FS-1" DETAIL

N.T.S.

DATE	SHEET / OF

REVISION	DESCRIPTION
10	10-28-24

JOB	MP3.0
DP	
FW	