

OES SECURITY UPGRADES

PROJECT NUMBER: 000000000009324

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A100	ARCHITECTURAL SITE PLAN
A103	ENLARGED EXISTING SITE PLAN AND PHOTO KEYS
A105	ENLARGED SITE PLANS
A401	MAIN GUARD BOOTH PLANS & ELEVATIONS
A402	SECONDARY GUARD HOUSE PLANS & ELEVATIONS
A403	ENLARGED SITE PLAN AND DETAILS
A501	BARRIER GATE REFERENCE DRAWING 1
A502	BARRIER GATE REFERENCE DRAWING 2
A503	BARRIER GATE REFERENCE DRAWING 3
A901	EXISTING CONDITIONS - PRIMARY ENTRANCE
A902	EXISTING CONDITIONS - SECONDARY ENTRANCE
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E002	ELECTRICAL ABBREVIATIONS & GENERAL NOTES
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E152	CCTV PLANS
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E521	DETAILS 1
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E657	GATE BATTERY BACKUP SYSTEM AND SKID LAYOUT
E658	HYDRAULIC POWER UNIT CABINET AND WIRING DIAGRAM
E659	MASTER TOUCH PANEL AND WIRING DIAGRAM

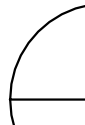
ACCESSIBLE PATH OF TRAVEL:

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLANS IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

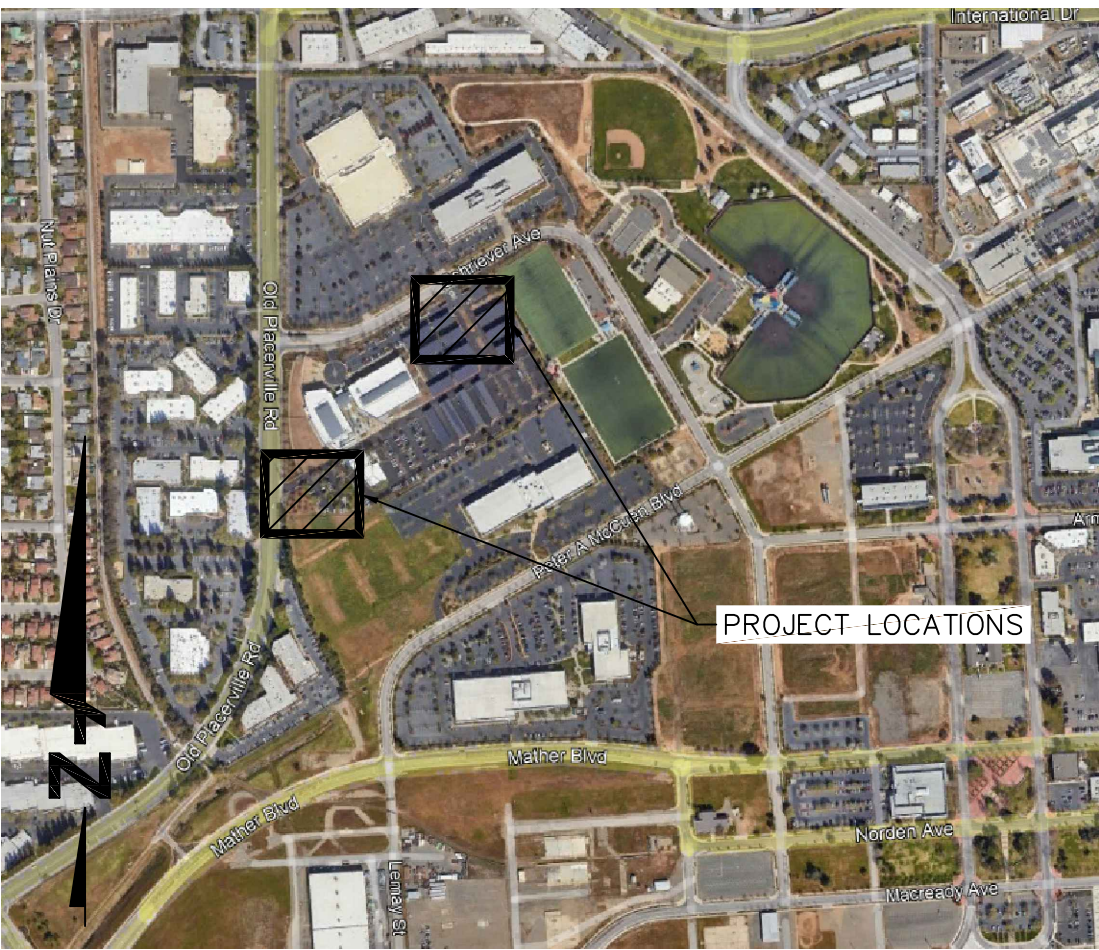
DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTION OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTION OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

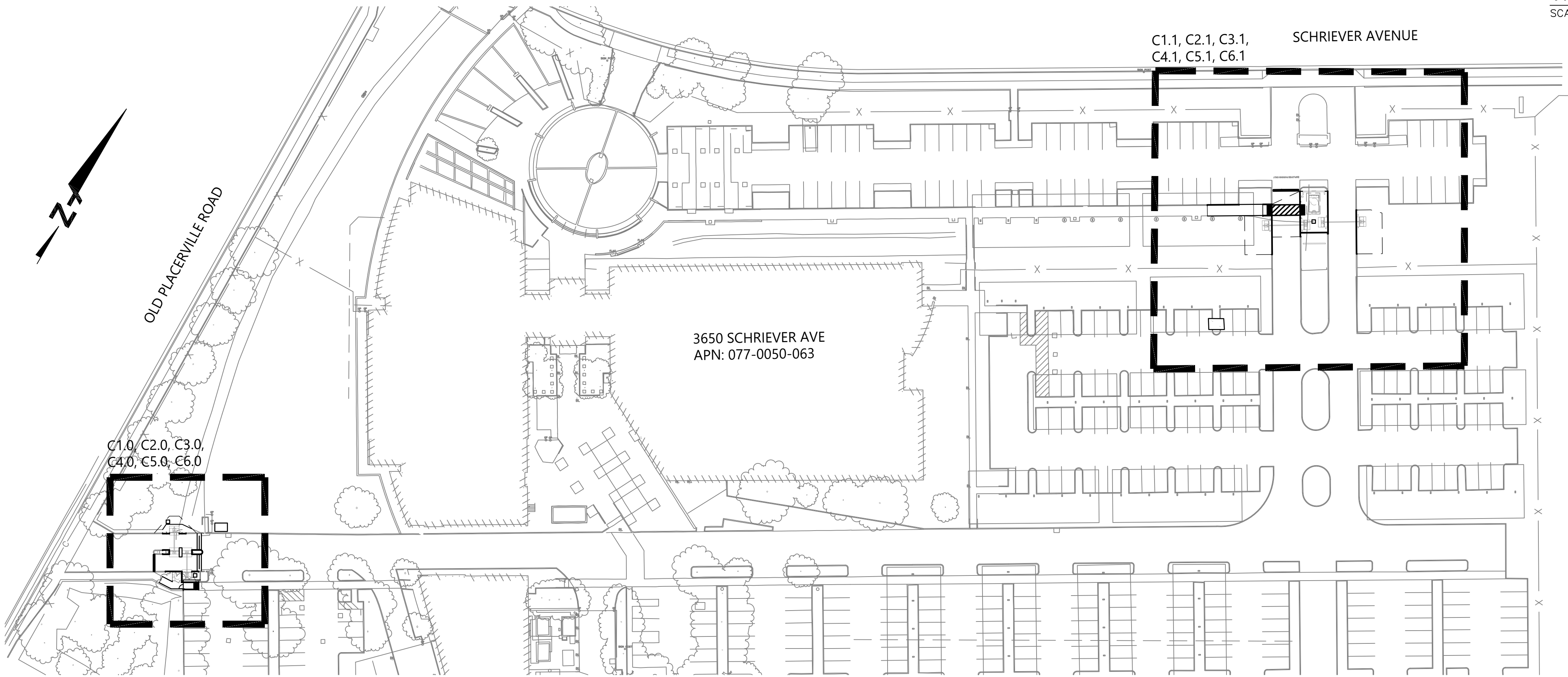
DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

Sheet Title	
COVER SHEET	
Project Number 000000000009324	
	Sheet Scale
	Sheet Number G 001

OFFICE OF EMERGENCY SERVICES
OES SECURITY UPGRADES
MATHER, CA



VICINITY MAP
SCALE: NOT TO SCALE



PROJECT SITE
SCALE: 1" = 50'

BKF ENGINEERS RECEIVED THE HORIZONTAL DATUM, VERTICAL DATUM, AND COORDINATE INFORMATION FOR THE PROJECT SITE FROM THE TOPOGRAPHIC SURVEY CONDUCTED NOVEMBER 7, 2022, BY PSOMAS.

HORIZONTAL DATUM
THE HORIZONTAL DATUM FOR THIS PROJECT IS BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 2, (2017.5 EPOCH) IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID DATUM IS BASED LOCALLY UPON FIELD-OBSERVED TIES TO THE CALIFORNIA SPATIAL REFERENCE NETWORK STATIONS P146, P230, P270, AND CMBB.

VERTICAL DATUM
THE VERTICAL DATUM OF THIS MAPPING IS THE NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NAVD 88) BASED ON THE COUNTY OF SACRAMENTO BENCHMARK 1B-102.

COORDINATE SYSTEM
COORDINATE VALUES SHOWN HEREON ARE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83) ZONE 2 (2017.5 EPOCH) GRID COORDINATES.

GENERAL NOTES:

- THE COUNTY OF SACRAMENTO IS A MEMBER OF THE UNDERGROUND SERVICE ALERT (USA) ONE CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF USA TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER: 1(800) 227-2600.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS OR MARKERS. MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR S EXPENSE.

ABBREVIATIONS:

AC	ASPHALTIC CONCRETE	MH	MANHOLE
AB	AGGREGATE BASE	MIN	MINIMUM
BC	BACK OF CURB	N	NORTH
BLDG	BUILDING	NL	NOT LOCATED
BTM	BOTTOM	NTS	NOT TO SCALE
BW	BACK OF WALK	PCC	PORTLAND CEMENT CONCRETE
CB	CATCH BASIN	PR	PREPARE
CC, CONC	CONCRETE	P	POINT
CI	CAST IRON	PREP	PREP
CO	CLEAN OUT	RCB	REINFORCED CONCRETE BOX
COM(M)	COMMUNICATIONS	S	SOUTH
CMP	CORRUGATED METAL PIPE	SAP	SEE ARCHITECTURAL PLANS
CP	CONTROL POINT	SEP	SEE ELECTRICAL PLANS
CP	CORROSION PROTECTION BOX	SD	STORM DRAIN
DEMO	DEMOLITION	SL	STREET LIGHT
DI	DRAINAGE INLET	SS	SANITARY SEWER
E	EAST	STA	STATION
E	ELECTRICAL	STM	STEAM
(E), EX	EXISTING	SW	SIDEWALK
EL	ELEVATION	TC	TOP OF CURB
EOP	END OF PIPE	TELE	TELEPHONE
EOT	END OF TRACE	TEMP	TEMPORARY
FC	FACE OF CURB	TH	THRESHOLD
FF	FINISH FLOOR	TP	TOP OF PAVEMENT
FH	FIRE HYDRANT	TYP	TYPICAL
G	GAS	W	WATER
GB	GRADE BREAK	WM	WATER METER
GBX	GAS BOX	UB	UTILITY BOX
HVE	HIGH VOLTAGE ELECTRICAL	UK	UNKNOWN
IRR	IRRIGATION		
MAG	MAGNETIC		
MAX	MAXIMUM		
MEP	MECHANICAL, ELECTRICAL, PLUMBING		



Know what's below.
Call before you dig.

SHEET INDEX		
DWG #	SHEET #	DESCRIPTION
CIVIL SHEET INDEX		
1	C000	CIVIL COVER SHEET
2	C100	EXISTING CONDITIONS
3	C101	EXISTING CONDITIONS
4	C200	DEMOLITION PLAN
5	C201	DEMOLITION PLAN
6	C300	SURFACE IMPROVEMENT PLAN
7	C301	SURFACE IMPROVEMENT PLAN
8	C400	GRADING PLAN
9	C401	GRADING PLAN
10	C402	SITE SECTIONS
11	C500	UTILITY PLAN
12	C501	UTILITY PLAN
13	C502	OVERALL UTILITY PLAN
14	C600	EROSION CONTROL PLAN
15	C601	EROSION CONTROL PLAN
16	C602	EROSION CONTROL DETAILS
17	C700	DETAILS
18	C701	DETAILS

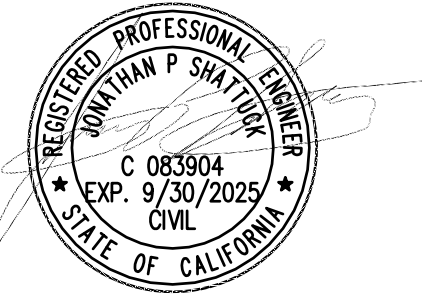
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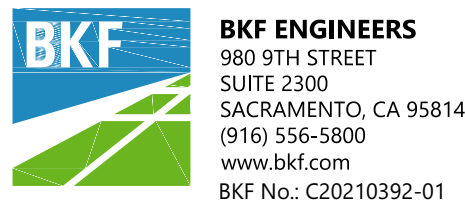
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Department of General Services
Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch
707 Third Street, Suite 4-105
West Sacramento, California 95605



2/16/2024



Issue		
No.	Date	Description
1	1/5/24	WD Set

Project
OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor JS	Designed BKF	Drawn SH
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR
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Sheet Title

CIVIL COVER SHEET

Project Number
00000000009324

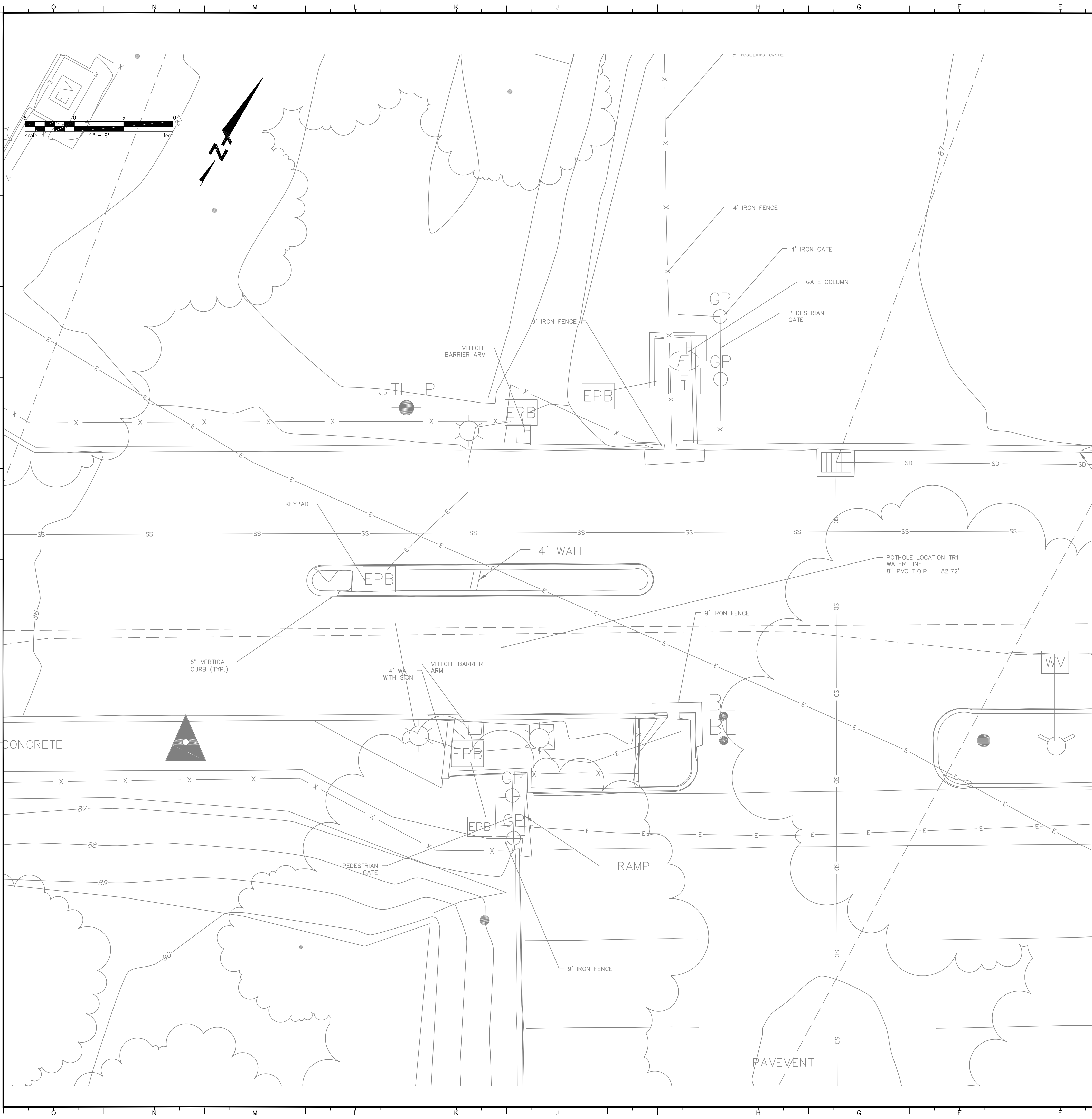
Reference North

Sheet Scale
AS SHOWN

Sheet Number
C000

ISSUE DATE: SEPTEMBER 4, 2025

CAD File: \\BKF-SAC\Vol4\2024\12\10392_DGS_Civil_On-Call_Northern\ENG-OES\SHEETS\10392_C10_EXCON.dwg Plot Date: Feb 16, 2024 - 5:59pm Plotted by: pasc



EXISTING CONDITION NOTES

1. THE VERTICAL DATUM, HORIZONTAL DATUM, AND COORDINATE INFORMATION FOR THE PROJECT SITE WAS PROVIDED TO BKF ENGINEERS BY THE TOPOGRAPHIC SURVEY DATED NOVEMBER 07, 2022 BY PSOMAS.
2. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE KNOWN UNDERGROUND UTILITIES. THE TYPES, LOCATIONS, EXTENTS, SIZES AND DEPTHS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND WERE OBTAINED FROM A TOPOGRAPHIC FIELD SURVEY PROVIDED BY PSOMAS. ABANDONED UNDERGROUND UTILITIES MAY EXIST, THE LOCATION OF WHICH ARE NOT KNOWN. CONTRACTOR IS CAUTIONED THAT THE TYPES, LOCATIONS, EXTENTS, SIZES AND DEPTHS OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS MAY NOT BE THE TYPES, LOCATIONS, EXTENTS, SIZES AND DEPTHS ENCOUNTERED IN THE FIELD.
3. ONLY EXCAVATION AND PHYSICAL EXPOSURE WILL REVEAL THE ACTUAL TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR POTHOLING EXISTING UNDERGROUND UTILITIES WITHIN THE AREA OF WORK. CONTRACTOR SHALL RETAIN A PRIVATE UTILITY LOCATOR TO IDENTIFY EXISTING UTILITIES. THE CONTRACTOR SHALL POTHOLE AS NECESSARY AT CONNECTION LOCATIONS AND PROPOSED UTILITY CROSSINGS TO FULLY LOCATE AND IDENTIFY EXISTING UTILITIES. POTHOLING SHALL BE DONE AND THE RESULTS, INCLUDING ANY CONFLICTS IDENTIFIED, REPORTED TO THE ENGINEER PRIOR TO THE START OF WORK.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THEIR WORK TO AVOID CONFLICTS BETWEEN SEWER LATERALS, STORM DRAINS, WATER MAINS, AND ALL OTHER UNDERGROUND UTILITIES.

LEGEND

- ▲ SURVEY CONTROL POINT
- BUILDING COLUMN
- ⌂ ELECTRIC CABINET
- ⌂ ELECTRIC TRANSFORMER
- ⌂ POWER PULL BOX
- ⌂ GATE POST
- ⌂ HOSE BIB
- MONUMENT
- ⌂ SEWER CLEANOUT
- ⌂ SIGN
- ⌂ SIGN POST
- ⌂ TELEPHONE PULL BOX
- ⌂ TELEPHONE VAULT
- TREE SYMBOL
- ⌂ UTILITY POLE
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- ⌂ LANDSCAPE LIGHT
- ⌂ LIGHT
- ⌂ FIRE HYDRANT
- ⌂ BACKFLOW PREVENTER

ABBREVIATIONS

- ACFC ASPHALT CURB FACE
- BW BACK OF WALK
- CE CEDAR TREE
- CLF CHAIN LINK FENCE
- DEC DECIDUOUS TREE
- EVG EVERGREEN TREE
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- AS—BUILT UNDERGROUND LINE AS NOTED
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- UNDERGROUND GAS LINE

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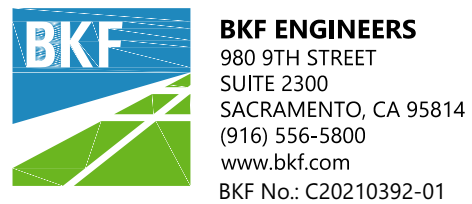
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OES SECURITY UPGRADES

3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY

OFFICE OF EMERGENCY SERVICES

Supervisor JS	Designed BKF	Drawn SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title

EXISTING CONDITIONS

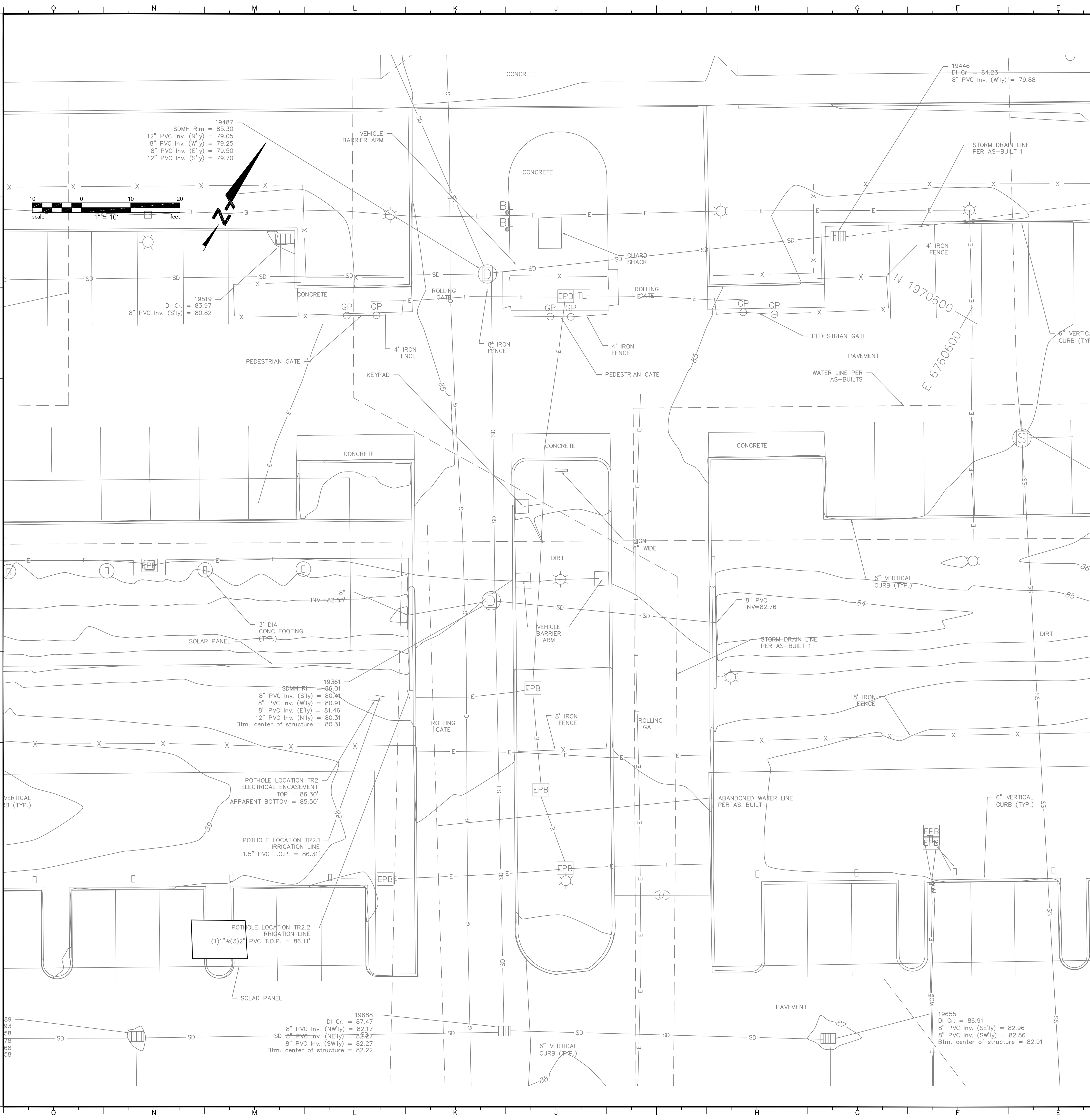
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Reference North 	Sheet Scale AS SHOWN
	Sheet Number C100

RELATIVE BORDER SCALE IN INCHES

ISSUE DATE: SEPTEMBER 4, 2025

CAD File: \\BKF-SAC\Vol4\2024\12\10392_DGS_Civil_On-Call_Northern\ENG-OES\Sheets\10392_C10_EXCON.dwg Plot Date: Feb 16, 2024 - 6:00pm Plotted by: pasc



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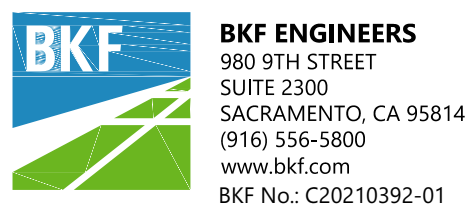
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GENERAL SERVICES

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JS	BKF	SH

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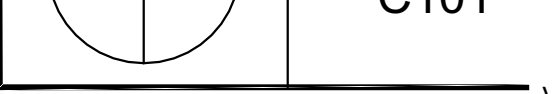
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EXISTING CONDITIONS

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Reference North	Sheet Scale
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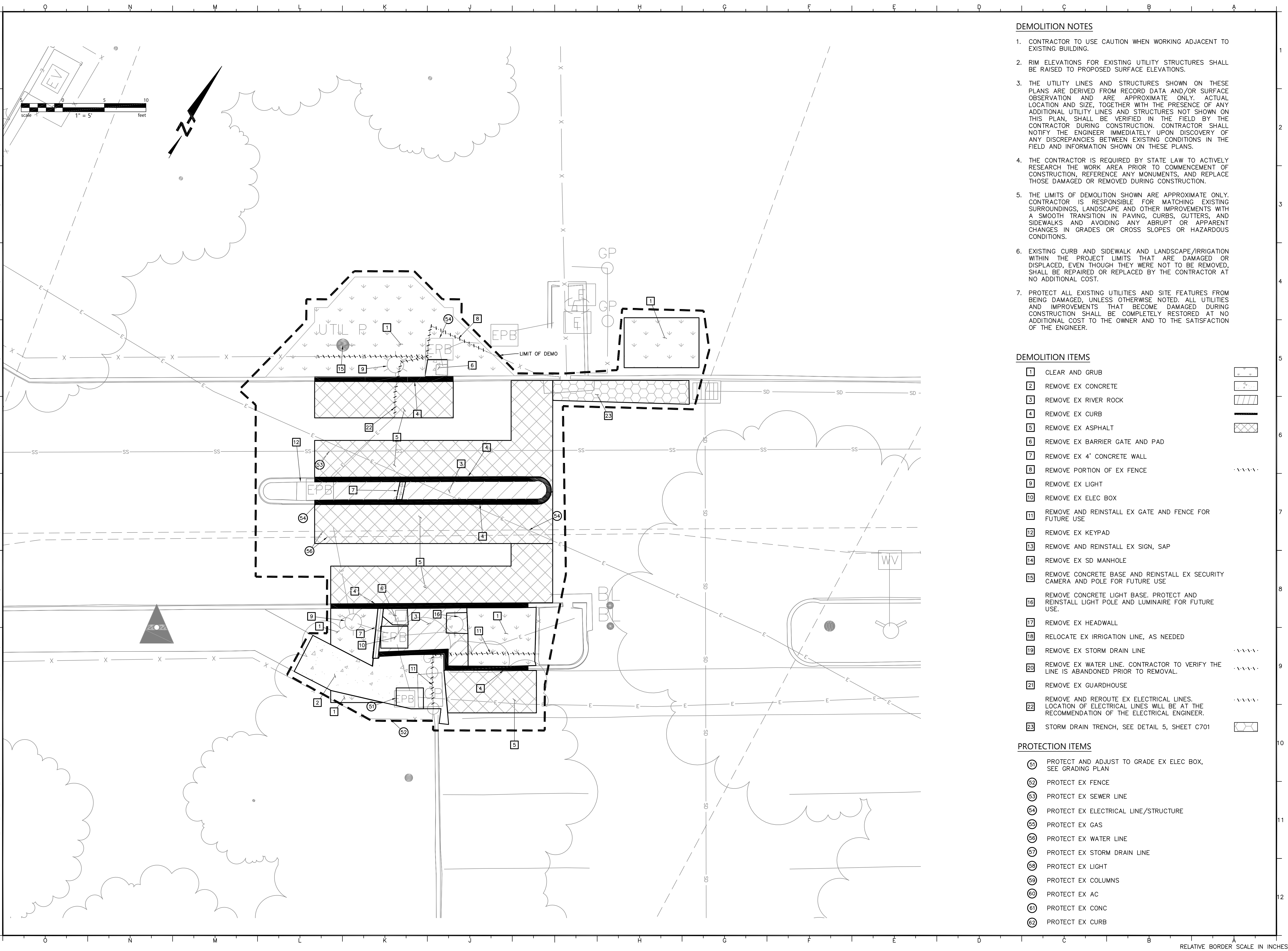
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RELATIVE BORDER SCALE IN INCHES

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- DEMOLITION NOTES**
- CONTRACTOR TO USE CAUTION WHEN WORKING ADJACENT TO EXISTING BUILDING.
 - RIM ELEVATIONS FOR EXISTING UTILITY STRUCTURES SHALL BE RAISED TO PROPOSED SURFACE ELEVATIONS.
 - THE UTILITY LINES AND STRUCTURES SHOWN ON THESE PLANS ARE DERIVED FROM RECORD DATA AND/OR SURFACE OBSERVATION AND ARE APPROXIMATE ONLY. ACTUAL LOCATION AND SIZE, TOGETHER WITH THE PRESENCE OF ANY ADDITIONAL UTILITY LINES AND STRUCTURES NOT SHOWN ON THIS PLAN, SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS IN THE FIELD AND INFORMATION SHOWN ON THESE PLANS.
 - THE CONTRACTOR IS REQUIRED BY STATE LAW TO ACTIVELY RESEARCH THE WORK AREA PRIOR TO COMMENCEMENT OF CONSTRUCTION, REFERENCE ANY MONUMENTS, AND REPLACE THOSE DAMAGED OR REMOVED DURING CONSTRUCTION.
 - THE LIMITS OF DEMOLITION SHOWN ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING SURROUNDINGS, LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, AND SIDEWALKS AND AVOIDING ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES OR HAZARDOUS CONDITIONS.
 - EXISTING CURB AND SIDEWALK AND LANDSCAPE/IRRIGATION WITHIN THE PROJECT LIMITS THAT ARE DAMAGED OR DISPLACED, EVEN THOUGH THEY WERE NOT TO BE REMOVED, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
 - PROTECT ALL EXISTING UTILITIES AND SITE FEATURES FROM BEING DAMAGED, UNLESS OTHERWISE NOTED. ALL UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE ENGINEER.

- DEMOLITION ITEMS**
- | | | |
|----|--|--|
| 1 | CLEAR AND GRUB | |
| 2 | REMOVE EX CONCRETE | |
| 3 | REMOVE EX RIVER ROCK | |
| 4 | REMOVE EX CURB | |
| 5 | REMOVE EX ASPHALT | |
| 6 | REMOVE EX BARRIER GATE AND PAD | |
| 7 | REMOVE EX 4' CONCRETE WALL | |
| 8 | REMOVE PORTION OF EX FENCE | |
| 9 | REMOVE EX LIGHT | |
| 10 | REMOVE EX ELEC BOX | |
| 11 | REMOVE AND REINSTALL EX GATE AND FENCE FOR FUTURE USE | |
| 12 | REMOVE EX KEYPAD | |
| 13 | REMOVE AND REINSTALL EX SIGN, SAP | |
| 14 | REMOVE EX SD MANHOLE | |
| 15 | REMOVE CONCRETE BASE AND REINSTALL EX SECURITY CAMERA AND POLE FOR FUTURE USE | |
| 16 | REMOVE CONCRETE LIGHT BASE. PROTECT AND REINSTALL LIGHT POLE AND LUMINAIRE FOR FUTURE USE. | |
| 17 | REMOVE EX HEADWALL | |
| 18 | RELOCATE EX IRRIGATION LINE, AS NEEDED | |
| 19 | REMOVE EX STORM DRAIN LINE | |
| 20 | REMOVE EX WATER LINE. CONTRACTOR TO VERIFY THE LINE IS ABANDONED PRIOR TO REMOVAL. | |
| 21 | REMOVE EX GUARDHOUSE | |
| 22 | REMOVE AND REROUTE EX ELECTRICAL LINES. LOCATION OF ELECTRICAL LINES WILL BE AT THE RECOMMENDATION OF THE ELECTRICAL ENGINEER. | |
| 23 | STORM DRAIN TRENCH, SEE DETAIL 5, SHEET C701 | |

- PROTECTION ITEMS**
- | | |
|----|---|
| 51 | PROTECT AND ADJUST TO GRADE EX ELEC BOX, SEE GRADING PLAN |
| 52 | PROTECT EX FENCE |
| 53 | PROTECT EX SEWER LINE |
| 54 | PROTECT EX ELECTRICAL LINE/STRUCTURE |
| 55 | PROTECT EX GAS |
| 56 | PROTECT EX WATER LINE |
| 57 | PROTECT EX STORM DRAIN LINE |
| 58 | PROTECT EX LIGHT |
| 59 | PROTECT EX COLUMNS |
| 60 | PROTECT EX AC |
| 61 | PROTECT EX CONC |
| 62 | PROTECT EX CURB |

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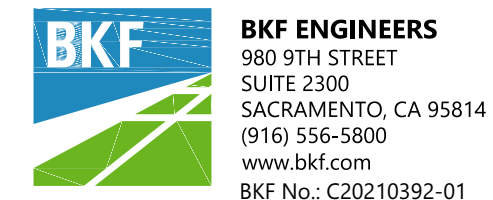


DGS
GENERAL SERVICES

Department of General Services
Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch
707 Third Street, Suite 4-105
West Sacramento, California 95605



2/16/2024



Issue

No.	Date	Description
1	1/5/24	WD Set

Project

OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor JS	Designed BKF	Drawn SH
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR
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Sheet Title

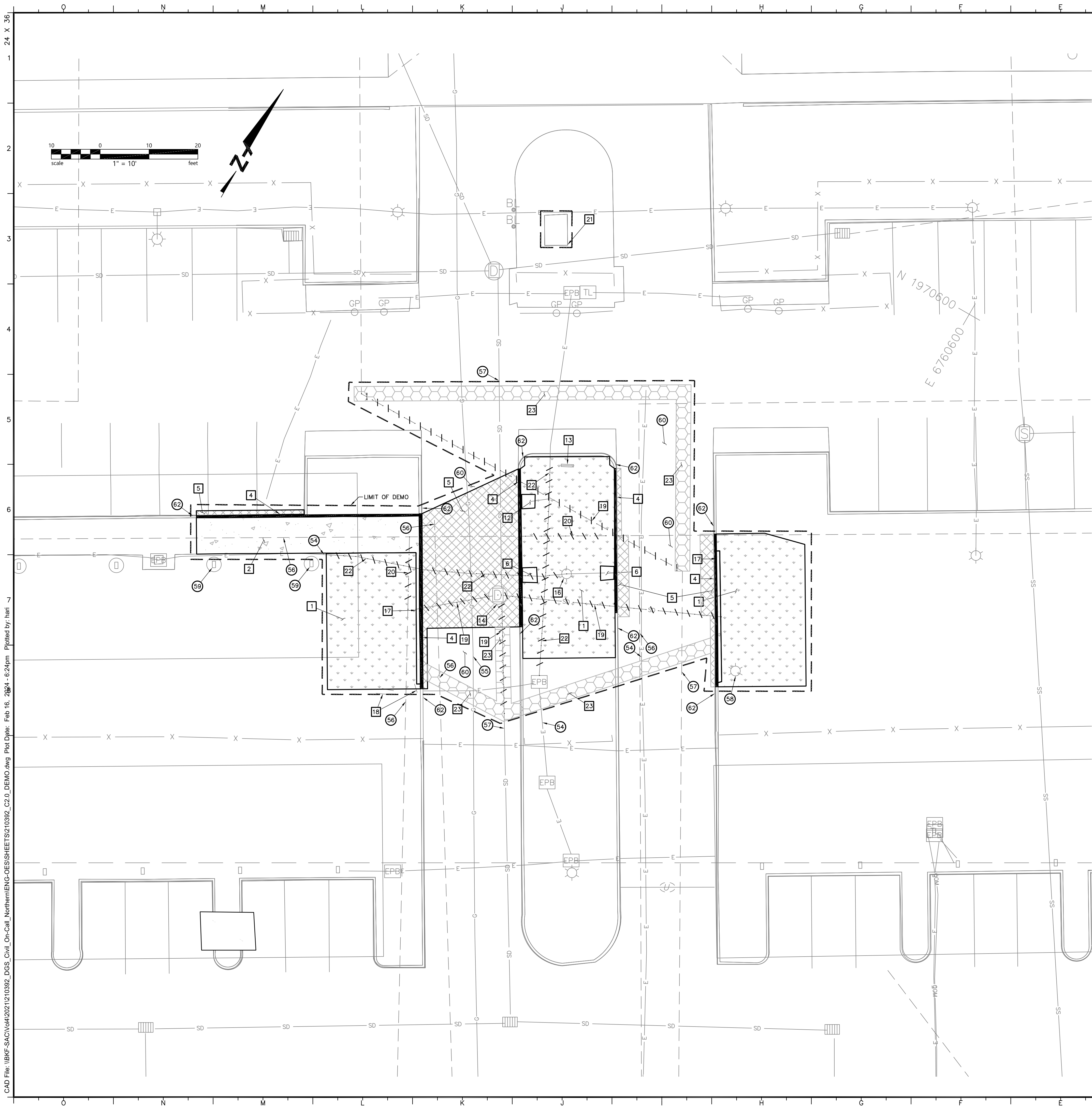
DEMOLITION PLAN

Project Number
00000000009324

Reference North	Sheet Scale AS SHOWN
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	Sheet Number C200
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ISSUE DATE: SEPTEMBER 4, 2025



DEMOLITION NOTES

- CONTRACTOR TO USE CAUTION WHEN WORKING ADJACENT TO EXISTING BUILDING.
- RIM ELEVATIONS FOR EXISTING UTILITY STRUCTURES SHALL BE RAISED TO PROPOSED SURFACE ELEVATIONS.
- THE UTILITY LINES AND STRUCTURES SHOWN ON THESE PLANS ARE DERIVED FROM RECORD DATA AND/OR SURFACE OBSERVATION AND ARE APPROXIMATE ONLY. ACTUAL LOCATION AND SIZE, TOGETHER WITH THE PRESENCE OF ANY ADDITIONAL UTILITY LINES AND STRUCTURES NOT SHOWN ON THIS PLAN, SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS IN THE FIELD AND INFORMATION SHOWN ON THESE PLANS.
- THE CONTRACTOR IS REQUIRED BY STATE LAW TO ACTIVELY RESEARCH THE WORK AREA PRIOR TO COMMENCEMENT OF CONSTRUCTION, REFERENCE ANY MONUMENTS, AND REPLACE THOSE DAMAGED OR REMOVED DURING CONSTRUCTION.
- THE LIMITS OF DEMOLITION SHOWN ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING SURROUNDINGS, LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, AND SIDEWALKS AND AVOIDING ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES OR HAZARDOUS CONDITIONS.
- EXISTING CURB AND SIDEWALK AND LANDSCAPE/IRRIGATION WITHIN THE PROJECT LIMITS THAT ARE DAMAGED OR DISPLACED, EVEN THOUGH THEY WERE NOT TO BE REMOVED, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- PROTECT ALL EXISTING UTILITIES AND SITE FEATURES FROM BEING DAMAGED, UNLESS OTHERWISE NOTED. ALL UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE ENGINEER.

DEMOLITION ITEMS

- | | | |
|----|--|--|
| 1 | CLEAR AND GRUB | |
| 2 | REMOVE EX CONCRETE | |
| 3 | REMOVE EX RIVER ROCK | |
| 4 | REMOVE EX CURB | |
| 5 | REMOVE EX ASPHALT | |
| 6 | REMOVE EX BARRIER GATE AND PAD | |
| 7 | REMOVE EX 4' CONCRETE WALL | |
| 8 | REMOVE PORTION OF EX FENCE | |
| 9 | REMOVE EX LIGHT | |
| 10 | REMOVE EX ELEC BOX | |
| 11 | REMOVE AND REINSTALL EX GATE AND FENCE FOR FUTURE USE | |
| 12 | REMOVE EX KEYPAD | |
| 13 | REMOVE AND REINSTALL EX SIGN, SAP | |
| 14 | REMOVE EX SD MANHOLE | |
| 15 | REMOVE CONCRETE BASE AND REINSTALL EX SECURITY CAMERA AND POLE FOR FUTURE USE | |
| 16 | REMOVE CONCRETE LIGHT BASE. PROTECT AND REINSTALL LIGHT POLE AND LUMINAIRE FOR FUTURE USE. | |
| 17 | REMOVE EX HEADWALL | |
| 18 | RELOCATE EX IRRIGATION LINE, AS NEEDED | |
| 19 | REMOVE EX STORM DRAIN LINE | |
| 20 | REMOVE EX WATER LINE. CONTRACTOR TO VERIFY THE LINE IS ABANDONED PRIOR TO REMOVAL. | |
| 21 | REMOVE EX GUARDHOUSE | |
| 22 | REMOVE AND REROUTE EX ELECTRICAL LINES. LOCATION OF ELECTRICAL LINES WILL BE AT THE RECOMMENDATION OF THE ELECTRICAL ENGINEER. | |
| 23 | STORM DRAIN TRENCH, SEE DETAIL 5, SHEET C701 | |

PROTECTION ITEMS

- | | | |
|----|---|--|
| 51 | PROTECT AND ADJUST TO GRADE EX ELEC BOX, SEE GRADING PLAN | |
| 52 | PROTECT EX FENCE | |
| 53 | PROTECT EX SEWER LINE | |
| 54 | PROTECT EX ELECTRICAL LINE/STRUCTURE | |
| 55 | PROTECT EX GAS | |
| 56 | PROTECT EX WATER LINE | |
| 57 | PROTECT EX STORM DRAIN LINE | |
| 58 | PROTECT EX LIGHT | |
| 59 | PROTECT EX COLUMNS | |
| 60 | PROTECT EX AC | |
| 61 | PROTECT EX CONC | |
| 62 | PROTECT EX CURB | |

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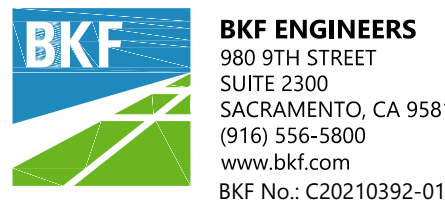
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Project

OES SECURITY
UPGRADES

3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY

OFFICE OF EMERGENCY
SERVICES

Supervisor JS	Designed BKF	Drawn SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title

DEMOLITION PLAN

Project Number
00000000009324

Reference North 	Sheet Scale AS SHOWN
	Sheet Number C201

RELATIVE BORDER SCALE IN INCHES

ISSUE DATE: SEPTEMBER 4, 2025

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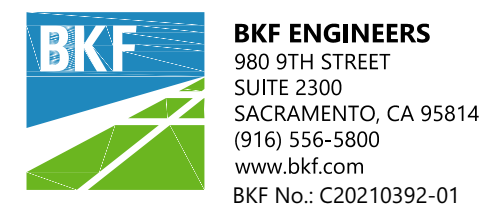
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Real Estate Services Division
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Project
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3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
**OFFICE OF EMERGENCY
SERVICES**

Supervisor JS	Designed BKF	Drawn SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
**SURFACE
IMPROVEMENT PLAN**

Project Number 00000000009324	
Reference North 	Sheet Scale AS SHOWN
	Sheet Number C300

LEGEND

- ASPHALT CONCRETE
(4" AC/13" CLASS II AB)
- CONCRETE PAVEMENT
(6" PCC W/#3 REBAR AT 18"
O.C.E.W./6" CLASS II AB)
- VEHICULAR CONCRETE
(8" PCC W/#3 REBAR AT 18"
O.C.E.W./12" CLASS II AB)
- AC PLUG
- RIP RAP
- CURB PAINTED WITH TRAFFIC RED
AND "NO PARKING FIRE LANE"
MARKING, SEE DETAIL 4, SHEET C7.1
- BARRIER ARM FOUNDATION, SAP

SURFACE IMPROVEMENTS NOTES

- THE LIMITS OF WORK ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING SURROUNDINGS, LANDSCAPE, AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION, AVOIDING ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS-SLOPES OR HAZARDOUS CONDITIONS.
- NEW WORK SHALL MATCH EXISTING AS CLOSELY AS POSSIBLE IN FINISH, SCORING, AND COLOR.
- EXISTING SITE FEATURES (CURBS, CONCRETE WALKS, LANDSCAPE, IRRIGATION, ETC.) DEMOLISHED DURING CONSTRUCTION SHALL BE REPLACED IN KIND.
- SEE GEOTECHNICAL REPORT FOR OVEREXCAVATION RECOMMENDATIONS. WORK REQUIRED TO MEET OVEREXCAVATION REQUIREMENTS BEYOND WHAT HAS BEEN SPECIFIED IN THIS PLAN SHEET SHALL MATCH EXISTING CONDITIONS.

CONSTRUCTION KEYNOTES

- 1 6" VERTICAL CURB, SEE DETAIL 1, SHEET C700
- 2 FLUSH CURB, SEE DETAIL 2, SHEET C700
- 3 CONFORM TO EXISTING AC, SEE DETAIL 3, SHEET C700
- 4 CONFORM TO EXISTING CONCRETE, SEE DETAIL 4, SHEET C700
- 5 12" WIDE FULL DEPTH AC PLUG
- 6 DETECTABLE WARNING SURFACE, SEE DETAIL 6, SHEET C700
- 7 BOLLARD, SEE DETAIL 5, SHEET C700
- 8 FENCE, SAP
- 9 ELECTRICAL PAD, SEP FOR CONCRETE SECTION
- 10 GOOSENECK PEDESTAL, SAP, SEP
- 11 SITE WALL, SEE DETAIL 2, SHEET C701
- 12 CURB TAPER, SEE DETAIL 6, SHEET C701
- 13 CURB RAMP, SEE DETAIL 7, SHEET C700
- 14 BOLLARD LIGHT, SAP
- 15 GUARDHOUSE, SAP. FOUNDATION PER MANUFACTURER'S RECOMMENDATIONS.
- 16 BARRIER PIVOT ARM, SAP. FOUNDATION PER MANUFACTURER'S RECOMMENDATIONS. SEP FOR CONDUIT CONNECTION.
- 17 RELOCATED FENCE AND GATE
- 18 CONCRETE BASE WITH RELOCATED SECURITY CAMERA, SEE DETAIL 1, SHEET C701
- 19 SPEED BUMP, SEE DETAIL 3, SHEET C701
- 20 CONCRETE BASE WITH RELOCATED LIGHT STRUCTURE, SEE DETAIL 1, SHEET C701
- 21 VALLEY GUTTER, SEE DETAIL 8, SHEET C701
- 22 TRANSITION CURB, SEE GRADING SHEET C400

CONTROL POINT TABLE		
P #	NORTHING	EASTING
1	1970507.99	6760593.19
2	1970511.07	6760568.16
3	1970498.56	6760552.31
4	1970477.67	6760541.48
5	1970485.17	6760483.56
6	1969910.05	6759979.63
7	1969896.79	6759963.23
8	1969883.09	6759971.00
9	1969887.39	6759970.89
10	1969909.59	6759955.84

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	11.90'	S60° 00' 00.00"W
L2	7.44'	N30° 00' 00.00"W
L3	12.33'	S60° 00' 00.00"W
L4	4.63'	N30° 00' 00.00"W
L5	10.94'	N60° 00' 00.00"E
L6	27.86'	N30° 30' 39.86"W
L7	7.50'	N30° 30' 39.86"W
L8	22.69'	S59° 29' 20.14"W
L9	15.37'	N30° 30' 39.86"W
L10	7.50'	N30° 30' 39.86"W
L11	9.53'	N30° 30' 39.86"W
L12	30.40'	S30° 30' 39.86"E
L13	19.00'	N59° 29' 15.49"E

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L14	31.30'	N30° 30' 39.86"W
L15	4.83'	N60° 00' 00.00"E
L16	4.83'	N60° 00' 00.00"E
L17	4.83'	S60° 00' 00.00"W
L18	3.25'	S30° 00' 00.00"E
L19	4.83'	S60° 00' 00.00"W
L20	6.00'	N60° 00' 00.00"E
L21	3.25'	S30° 00' 00.00"E
L22	6.00'	N60° 00' 00.00"E
L24	4.83'	N60° 00' 00.00"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	5.11'	1.63'	180.00°

RELATIVE BORDER SCALE IN INCHES

ISSUE DATE: SEPTEMBER 4, 2025

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MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor	Designed	Drawn
JS	BKF	SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
SURFACE IMPROVEMENT PLAN

Project Number 00000000009324	
Reference North	Sheet Scale AS SHOWN
Sheet Number C301	

LEGEND

- ASPHALT CONCRETE
(4" AC/13" CLASS II AB)
- CONCRETE PAVEMENT
(6" PCC W/#3 REBAR AT 18" O.C.E.W./6" CLASS II AB)
- VEHICULAR CONCRETE
(8" PCC W/#3 REBAR AT 18" O.C.E.W./12" CLASS II AB)
- AC PLUG
- RIP RAP
- CURB PAINTED WITH TRAFFIC RED AND "NO PARKING FIRE LANE" MARKING, SEE DETAIL 4, SHEET C7.1
- BARRIER ARM FOUNDATION, SAP

SURFACE IMPROVEMENTS NOTES

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CONSTRUCTION KEYNOTES

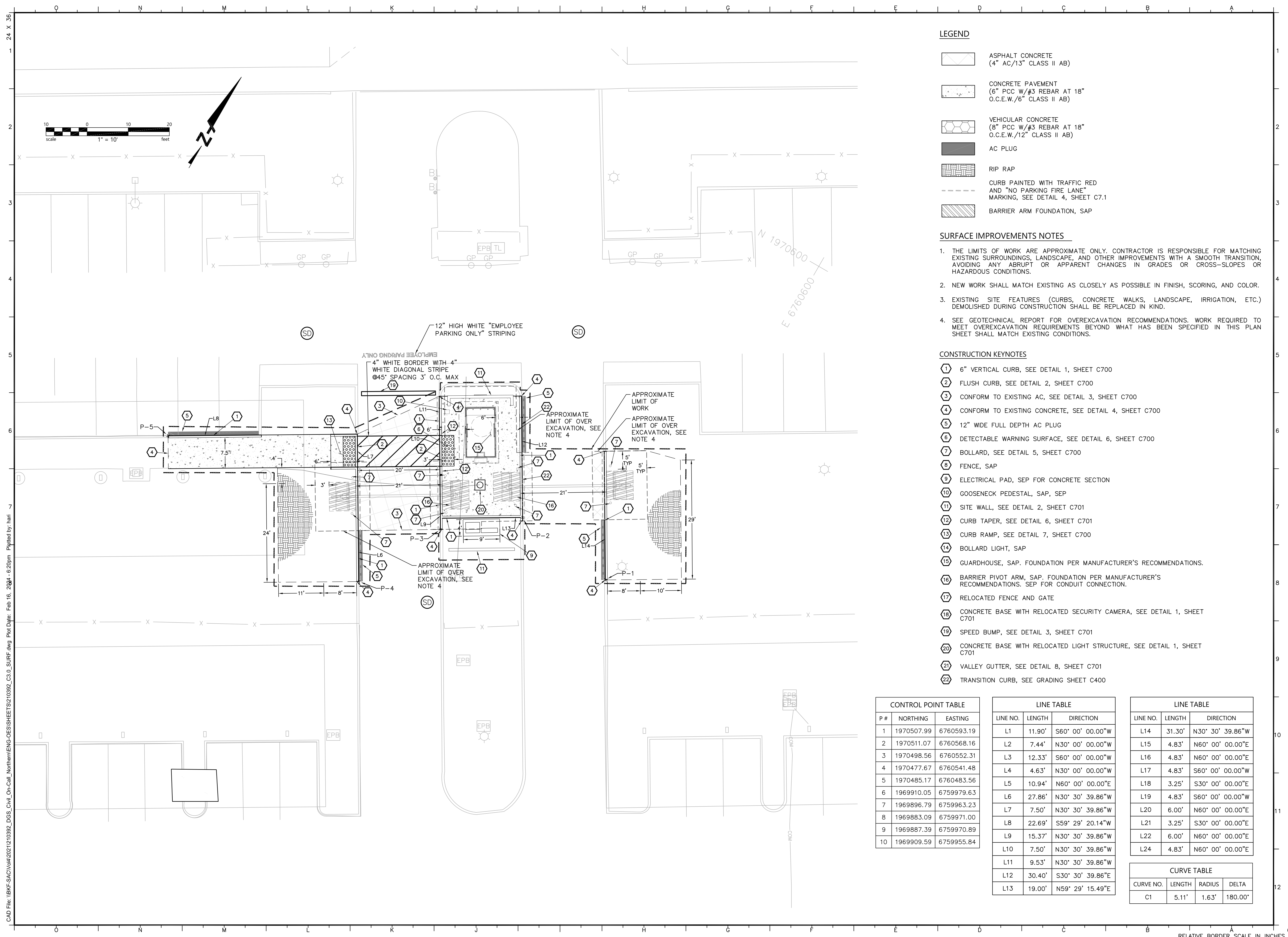
- 6" VERTICAL CURB, SEE DETAIL 1, SHEET C700
- FLUSH CURB, SEE DETAIL 2, SHEET C700
- CONFORM TO EXISTING AC, SEE DETAIL 3, SHEET C700
- CONFORM TO EXISTING CONCRETE, SEE DETAIL 4, SHEET C700
- 12" WIDE FULL DEPTH AC PLUG
- DETECTABLE WARNING SURFACE, SEE DETAIL 6, SHEET C700
- BOLLARD, SEE DETAIL 5, SHEET C700
- FENCE, SAP
- ELECTRICAL PAD, SEP FOR CONCRETE SECTION
- GOOSENECK PEDESTAL, SAP, SEP
- SITE WALL, SEE DETAIL 2, SHEET C701
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- RELOCATED FENCE AND GATE
- CONCRETE BASE WITH RELOCATED SECURITY CAMERA, SEE DETAIL 1, SHEET C701
- SPEED BUMP, SEE DETAIL 3, SHEET C701
- CONCRETE BASE WITH RELOCATED LIGHT STRUCTURE, SEE DETAIL 1, SHEET C701
- VALLEY GUTTER, SEE DETAIL 8, SHEET C701
- TRANSITION CURB, SEE GRADING SHEET C400

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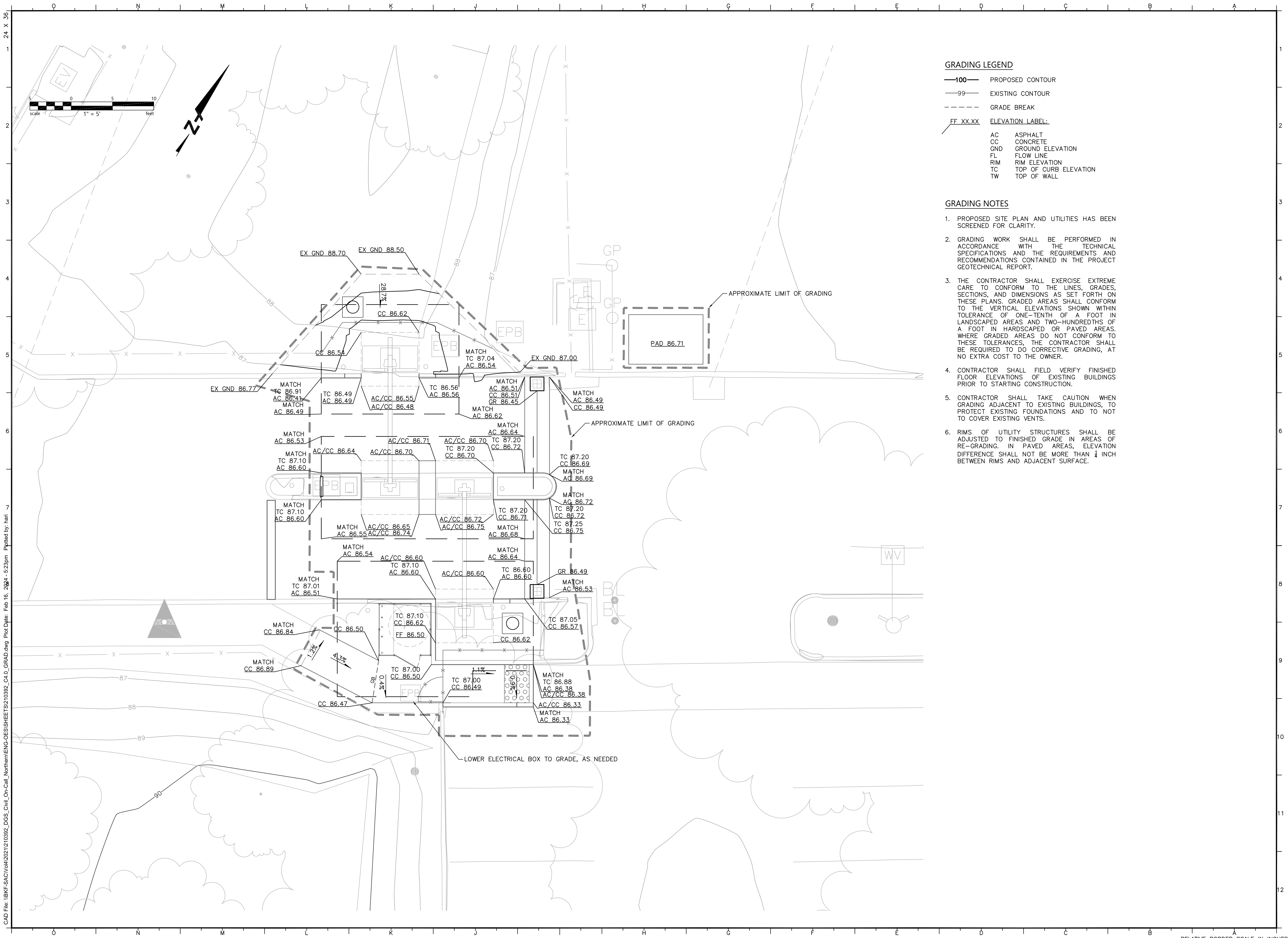
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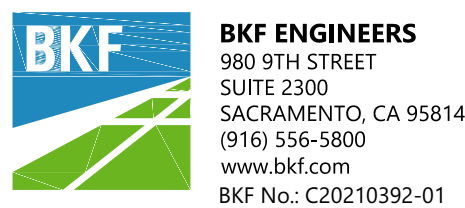
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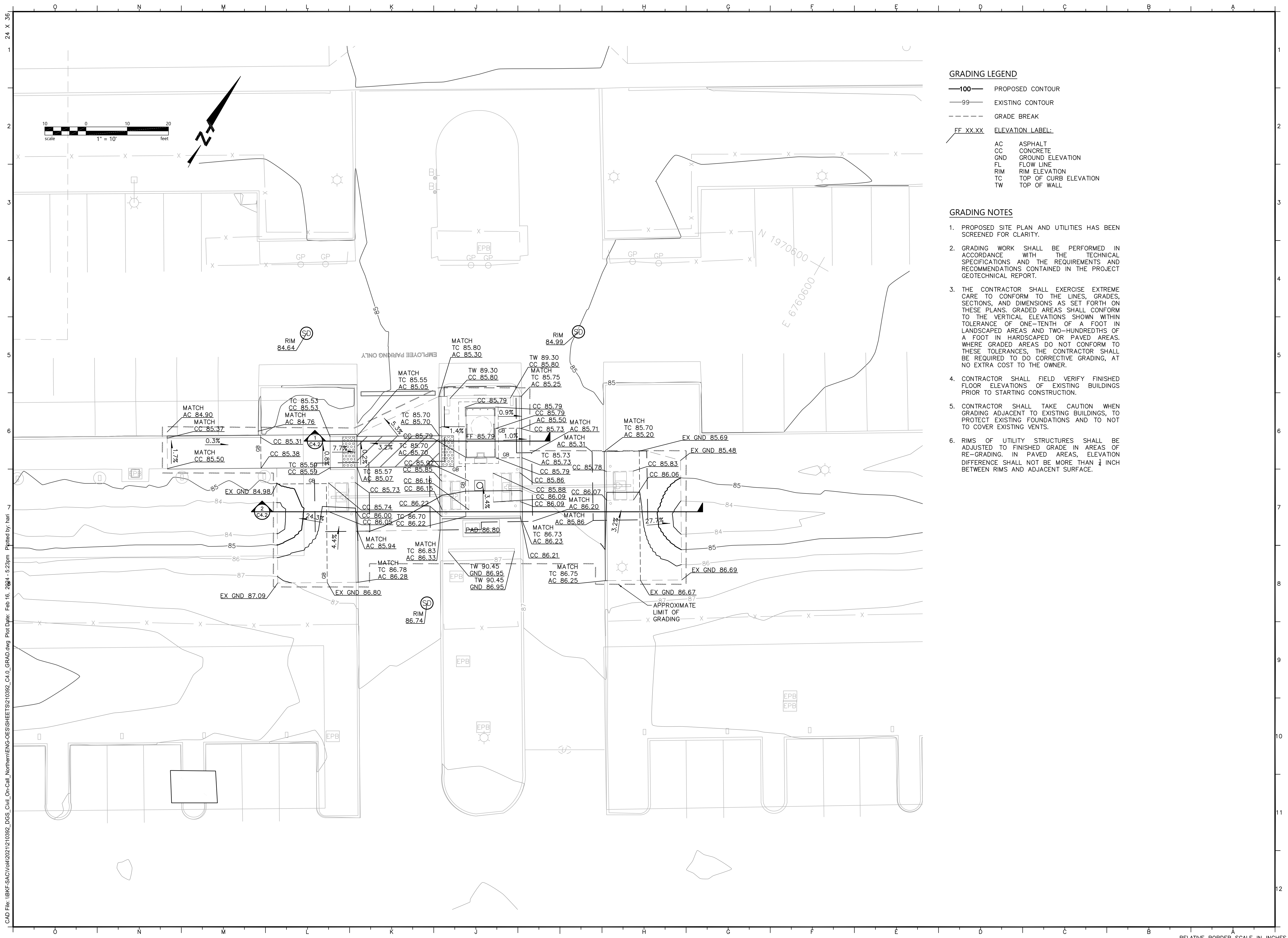
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OFFICE OF EMERGENCY SERVICES

Supervisor JS	Designed BKF	Drawn SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title

GRADING PLAN

Project Number 000000000009324		
Reference North	Sheet Scale AS SHOWN	Sheet Number C400



GRADING LEGEND

- 100— PROPOSED CONTOUR
—99— EXISTING CONTOUR
- - - - GRADE BREAK
FF XX.XX ELEVATION LABEL:

AC ASPHALT
CC CONCRETE
GND GROUND ELEVATION
FL FLOW LINE
RIM RIM ELEVATION
TC TOP OF CURB ELEVATION
TW TOP OF WALL

GRADING NOTES

- PROPOSED SITE PLAN AND UTILITIES HAS BEEN SCREENED FOR CLARITY.
- GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS AND THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE PROJECT GEOTECHNICAL REPORT.
- THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO CONFORM TO THE LINES, GRADES, SECTIONS, AND DIMENSIONS AS SET FORTH ON THESE PLANS. GRADED AREAS SHALL CONFORM TO THE VERTICAL ELEVATIONS SHOWN WITHIN TOLERANCE OF ONE-TENTH OF A FOOT IN LANDSCAPED AREAS AND TWO-HUNDREDTHS OF A FOOT IN HARDSCAPED OR PAVED AREAS. WHERE GRADED AREAS DO NOT CONFORM TO THESE TOLERANCES, THE CONTRACTOR SHALL BE REQUIRED TO DO CORRECTIVE GRADING, AT NO EXTRA COST TO THE OWNER.
- CONTRACTOR SHALL FIELD VERIFY FINISHED FLOOR ELEVATIONS OF EXISTING BUILDINGS PRIOR TO STARTING CONSTRUCTION.
- CONTRACTOR SHALL TAKE CAUTION WHEN GRADING ADJACENT TO EXISTING BUILDINGS, TO PROTECT EXISTING FOUNDATIONS AND TO NOT TO COVER EXISTING VENTS.
- RIMS OF UTILITY STRUCTURES SHALL BE ADJUSTED TO FINISHED GRADE IN AREAS OF RE-GRADING. IN PAVED AREAS, ELEVATION DIFFERENCE SHALL NOT BE MORE THAN $\frac{1}{4}$ INCH BETWEEN RIMS AND ADJACENT SURFACE.

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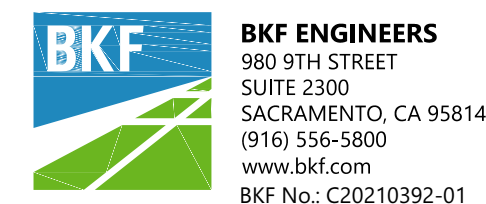
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SERVICES

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DSA App No.	SFM Permit No.	
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GRADING PLAN

Project Number
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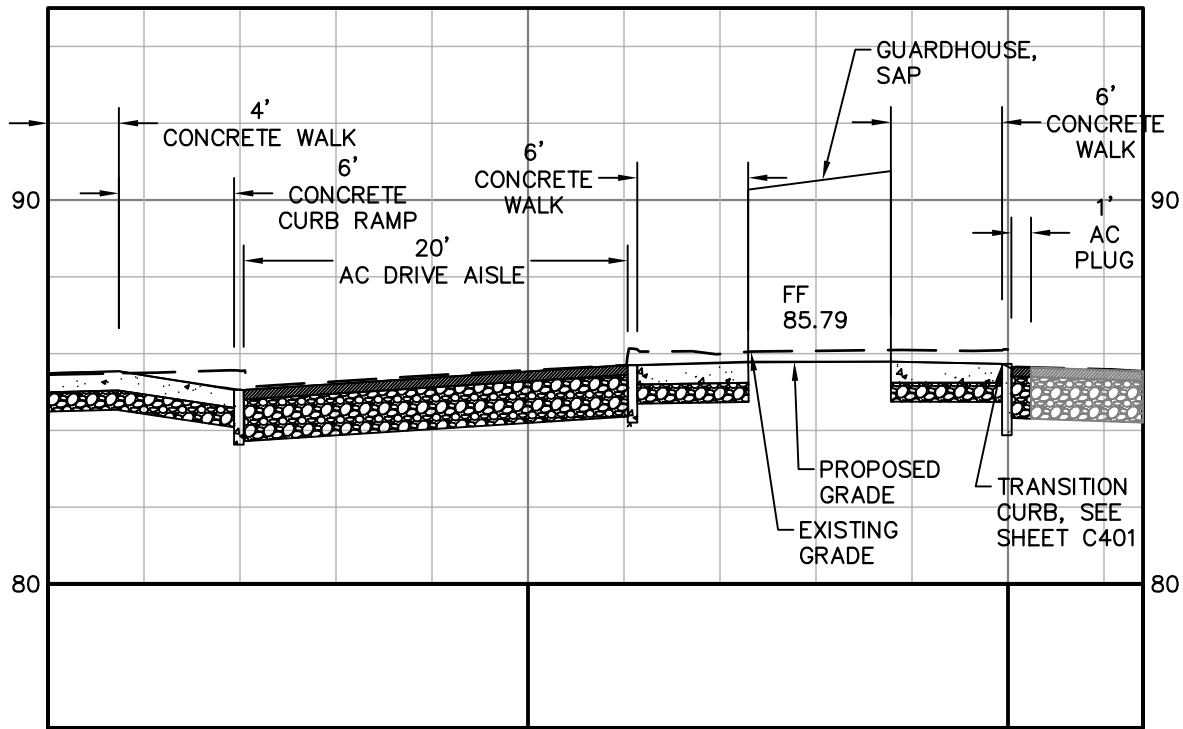
Reference North	Sheet Scale
	AS SHOWN
	Sheet Number
	C401



RELATIVE BORDER SCALE IN INCHES

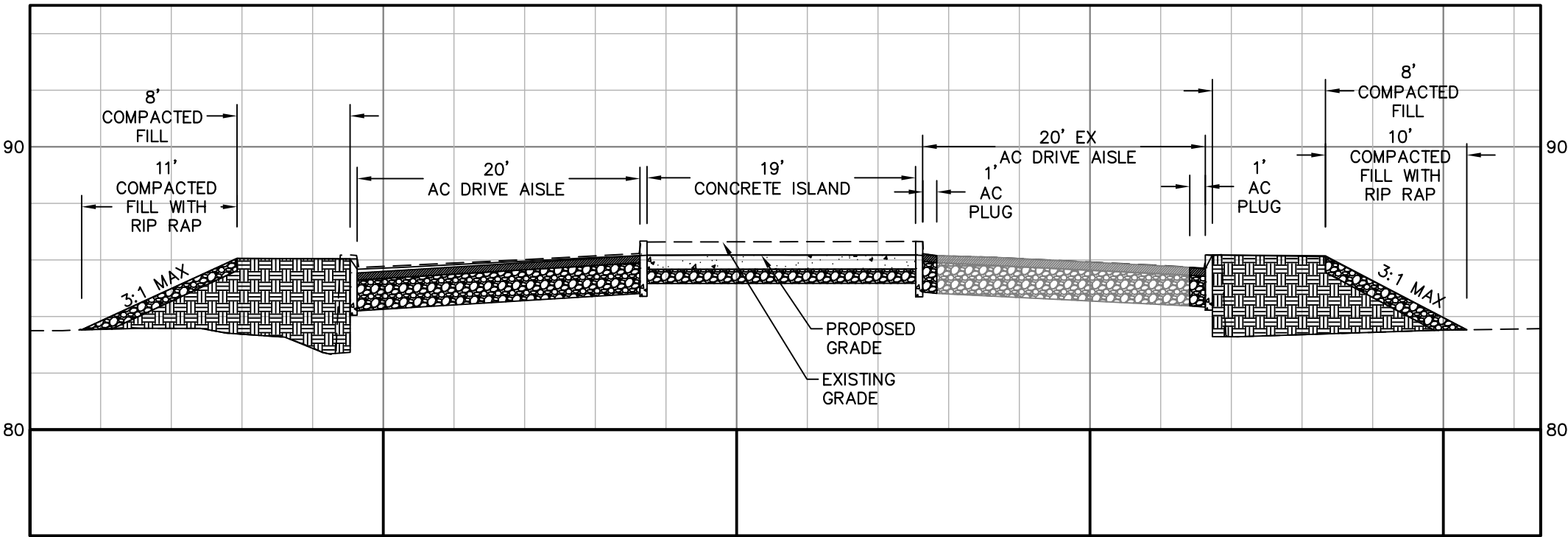
ISSUE DATE: SEPTEMBER 4, 2025

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Section 1

H: 1"=10'
V: 1"=5'



Section 2

H: 1"=10'
V: 1"=5'

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 02-122133 INC.
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 05/14/2025

OFFICE OF THE STATE FIRE MARSHAL
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04/28/25
24-0106
FIRE
SINCE 1885

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2/16/2024

BKF **BKF ENGINEERS**
980 9TH STREET
SUITE 2300
SACRAMENTO, CA 95814
(916) 556-5800
www.bkf.com
BKF No.: C20210392-01

Issue

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**OES SECURITY
UPGRADES**

3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY

**OFFICE OF EMERGENCY
SERVICES**

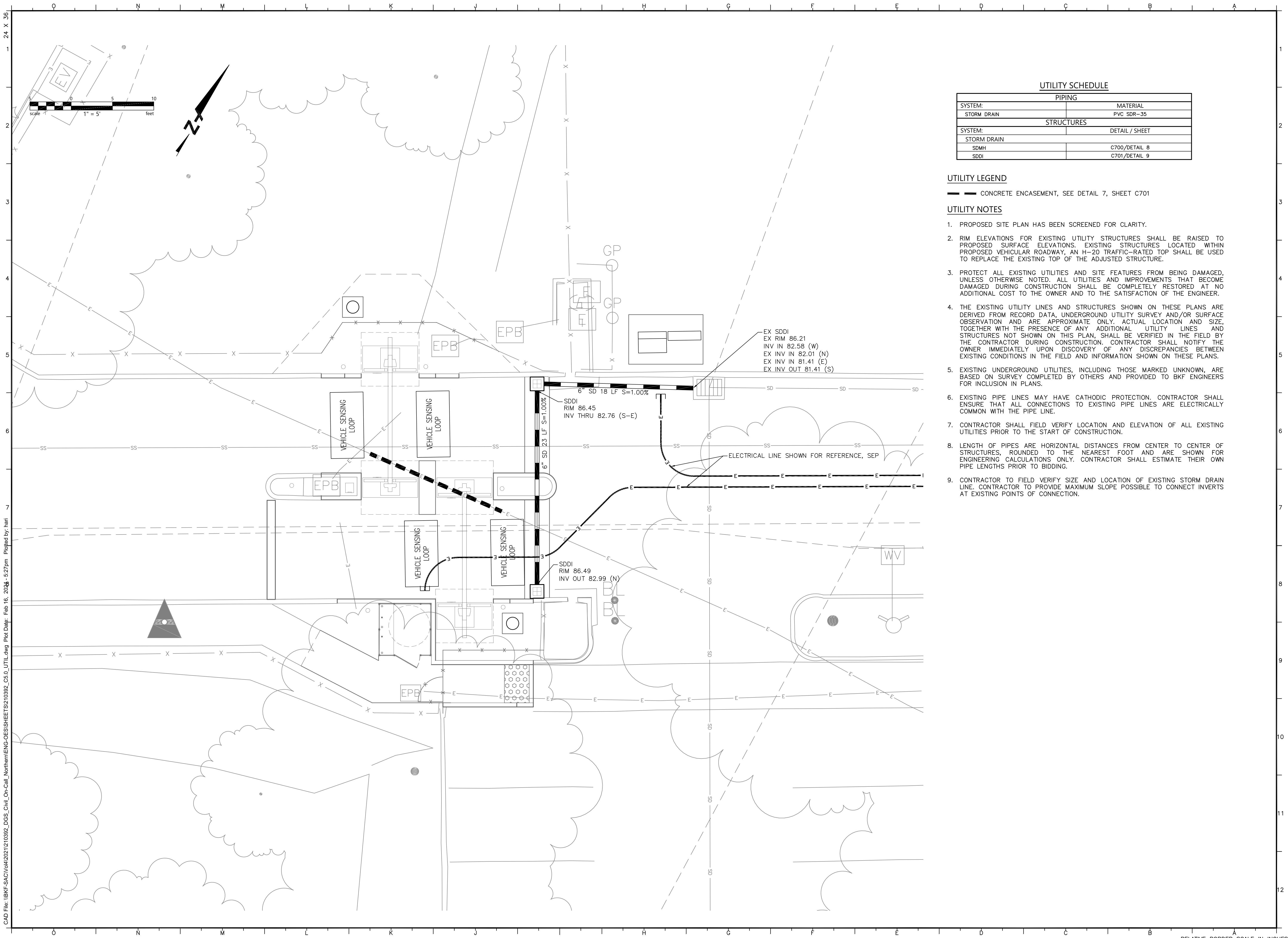
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title

SITE SECTIONS

Project Number
000000000009324

Reference North 	Sheet Scale AS SHOWN
Sheet Number C402	



CAD File: \\BKF-SAC\\Vol4\\2021\\210392_DGS_Civil_On-Call_Northern\\ENG-OES\\SHEETS\\210392_CS.0_UTIL.dwg Plotted by: hari Feb 16, 2024 5:27pm

UTILITY SCHEDULE	
PIPING	
SYSTEM:	MATERIAL
STORM DRAIN	PVC SDR-35
STRUCTURES	
SYSTEM:	DETAIL / SHEET
STORM DRAIN	
SDMH	C700/DETAIL 8
SDDI	C701/DETAIL 9

UTILITY LEGEND

CONCRETE ENCASEMENT, SEE DETAIL 7, SHEET C701

UTILITY NOTES

- PROPOSED SITE PLAN HAS BEEN SCREENED FOR CLARITY.
- RIM ELEVATIONS FOR EXISTING UTILITY STRUCTURES SHALL BE RAISED TO PROPOSED SURFACE ELEVATIONS. EXISTING STRUCTURES LOCATED WITHIN PROPOSED VEHICULAR ROADWAY, AN H-20 TRAFFIC-RATED TOP SHALL BE USED TO REPLACE THE EXISTING TOP OF THE ADJUSTED STRUCTURE.
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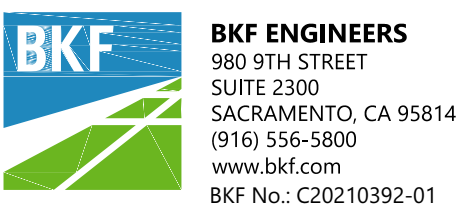
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2/16/2024



Issue

No.	Date	Description
1	1/5/24	WD Set

Project

OES SECURITY
UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY
SERVICES

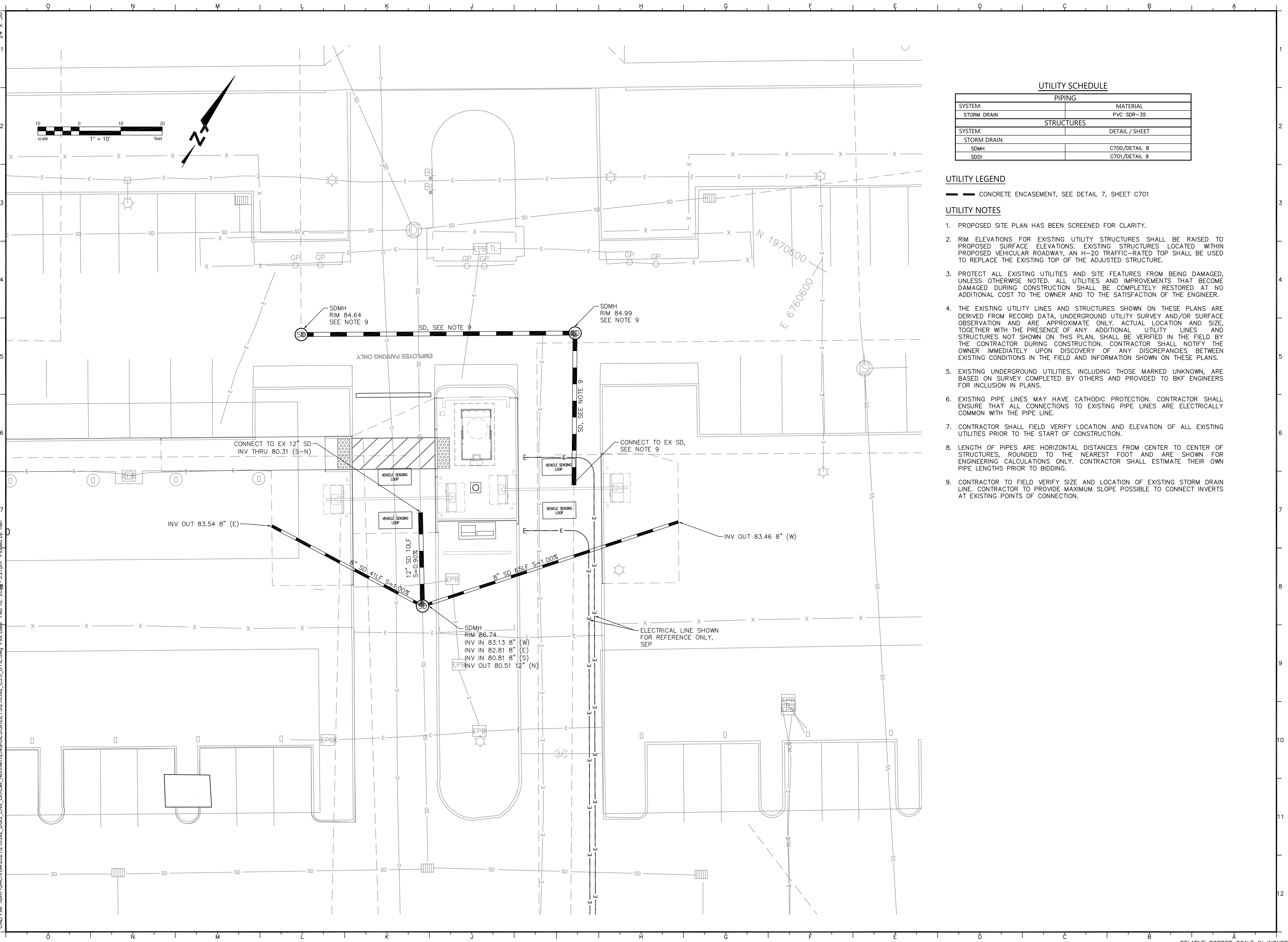
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title

UTILITY PLAN

Project Number 000000000009324	
Reference North 	Sheet Scale AS SHOWN
	Sheet Number C500

CAD File: \\BKF-SAC\Vol4\2024\12\10392_DGS_Civil_On-Call_Northern\ENG-OES\SHEETS\10392_C5.0_UTIL.dwg Plot Date: Feb 16, 2024 5:27pm Plotted by: hari



UTILITY SCHEDULE

PIPING	
SYSTEM:	MATERIAL
STORM DRAIN	PVC SDR-35
STRUCTURES	
SYSTEM:	DETAIL / SHEET
STORM DRAIN	
SDMH	C700/DETAIL 8
SDDI	C701/DETAIL 9

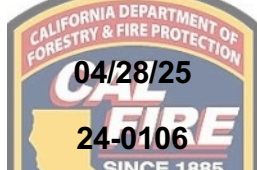
UTILITY LEGEND

CONCRETE ENCASEMENT, SEE DETAIL 7, SHEET C701

UTILITY NOTES

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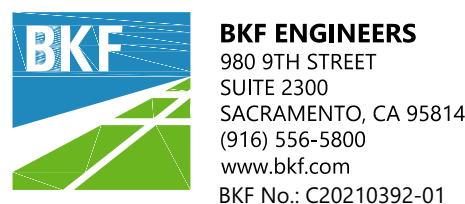
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2/16/2024



Issue

No.	Date	Description
1	1/5/24	WD Set

Project

OES SECURITY UPGRADES

3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY

OFFICE OF EMERGENCY SERVICES

Supervisor JS	Designed BKF	Drawn SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title

UTILITY PLAN

Project Number
00000000009324

Reference North 	Sheet Scale AS SHOWN
	Sheet Number C501

RELATIVE BORDER SCALE IN INCHES

ISSUE DATE: SEPTEMBER 4, 2025

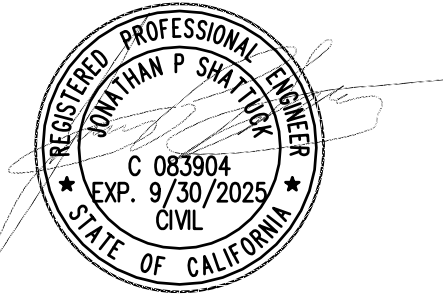
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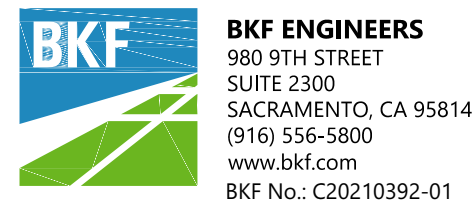
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Issue		
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Project
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3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor	Designed	Drawn
JS	BKF	SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title

OVERALL UTILITY PLAN

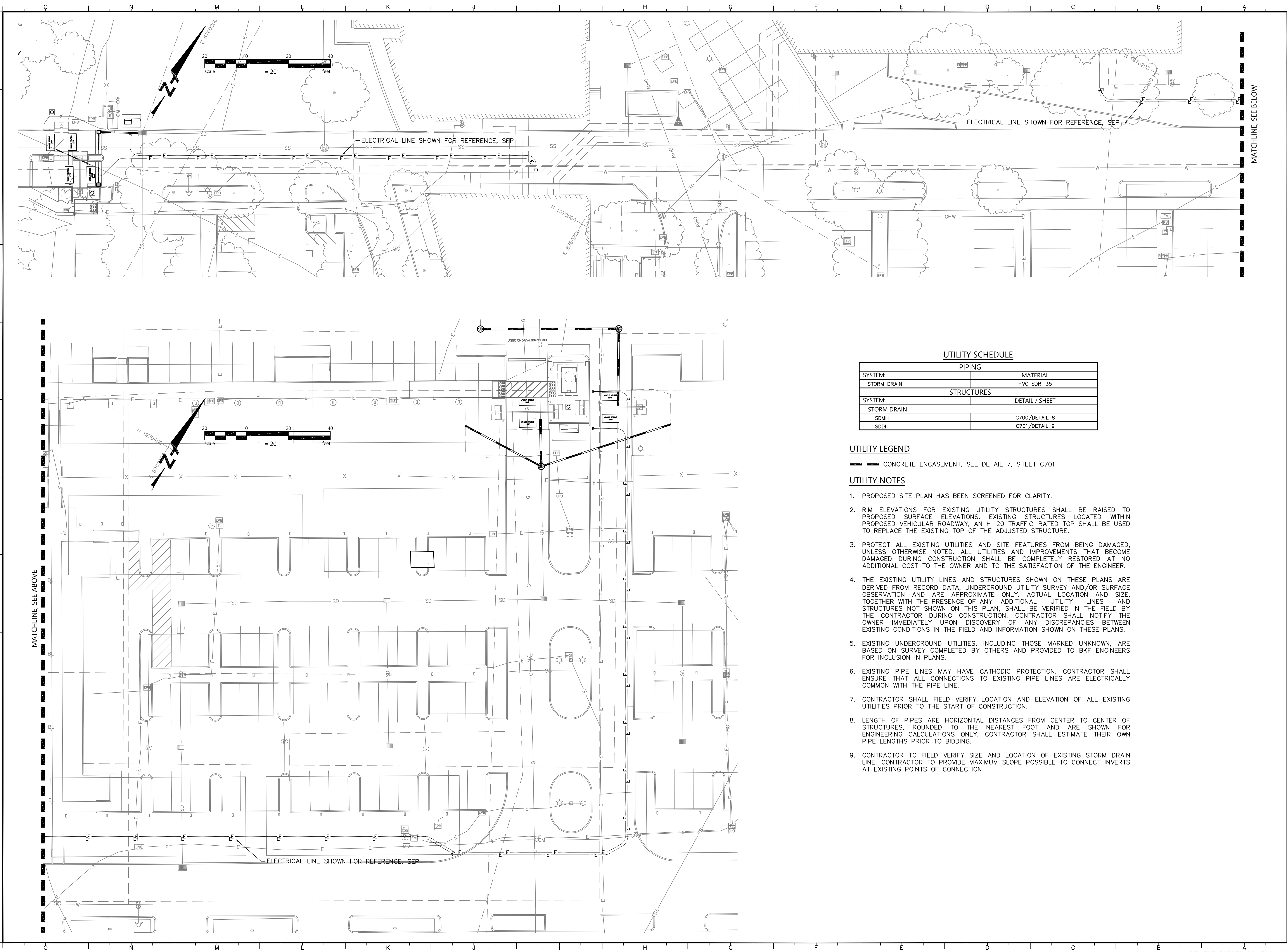
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Reference North 	Sheet Scale AS SHOWN
	Sheet Number C502

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RELATIVE BORDER SCALE IN INCHES

ISSUE DATE: SEPTEMBER 4, 2025

CAD File: \\BKF-SAC\Vol4\2021\210392_DGS_Civil_On-Call_Northern\ENG-OES\SHEETS\210392_C5.0_UTL.dwg Plotted by: sbcrzanaga Mar 17, 2025 3:22pm



UTILITY SCHEDULE

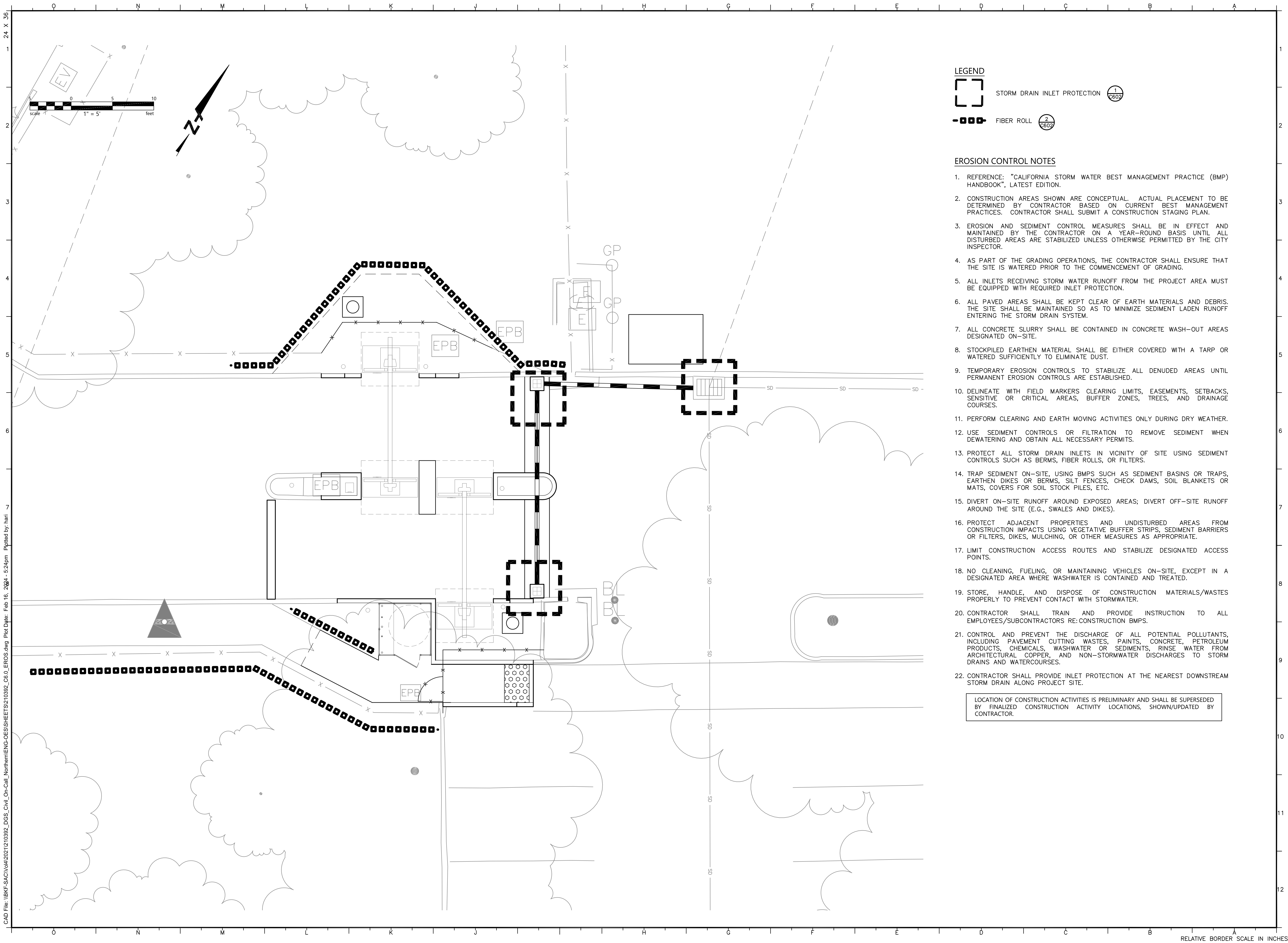
PIPING	
SYSTEM:	MATERIAL
STORM DRAIN	PVC SDR-35
STRUCTURES	
SYSTEM:	DETAIL / SHEET
STORM DRAIN	
SDMH	C700/DETAIL 8
SDDI	C701/DETAIL 9

UTILITY LEGEND

— CONCRETE ENCASUREMENT, SEE DETAIL 7, SHEET C701

UTILITY NOTES

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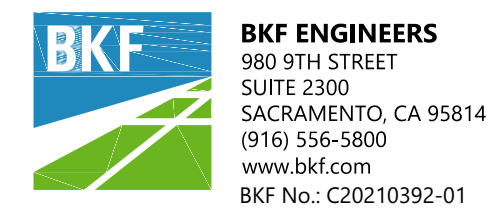
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Real Estate Services Division
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West Sacramento, California 95605



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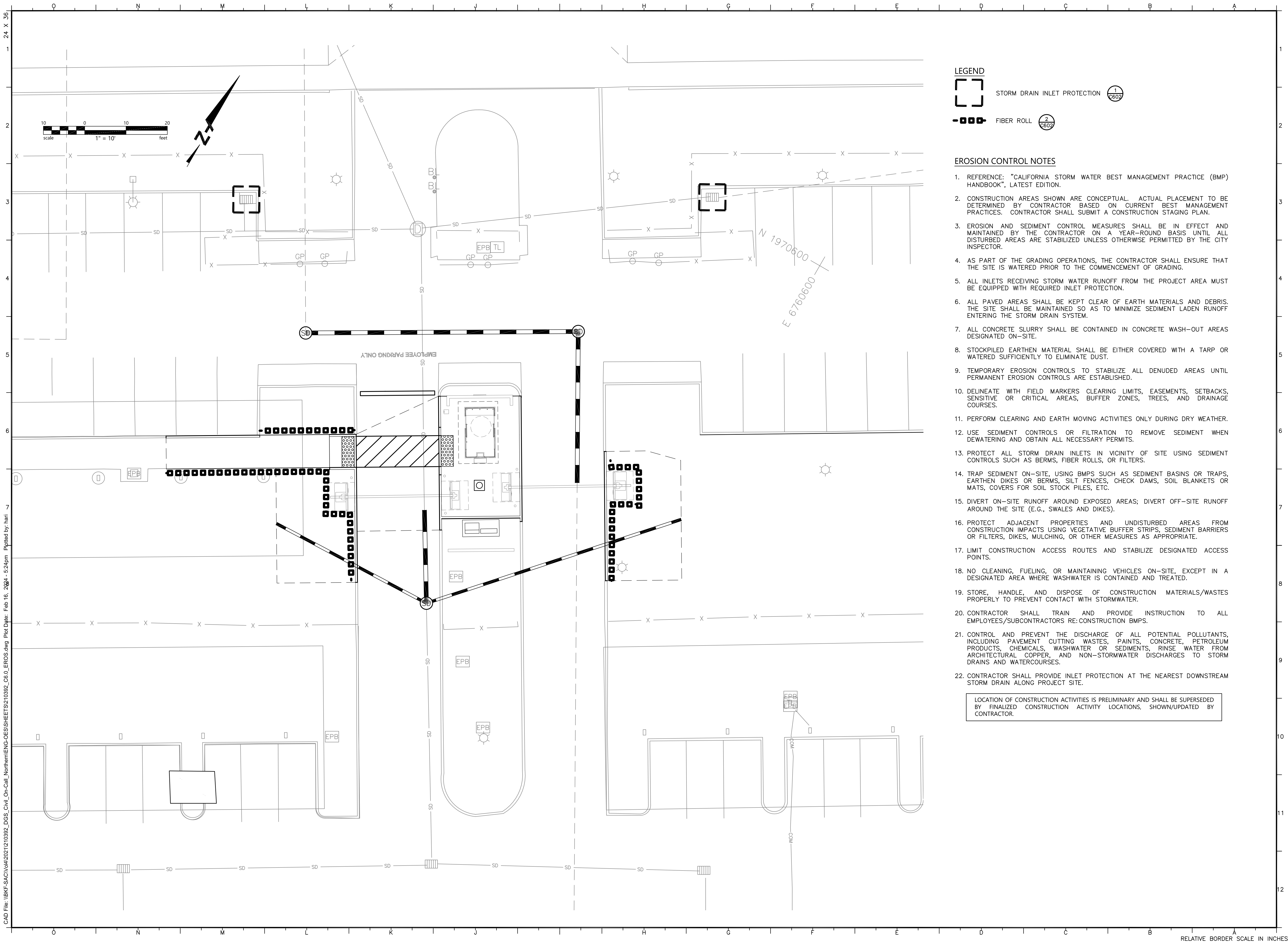
Issue		
No.	Date	Description
1	1/5/24	WD Set

Project
OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor JS	Designed BKF	Drawn SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
EROSION CONTROL PLAN

Project Number 000000000009324		
Reference North 	Sheet Scale AS SHOWN	Sheet Number C600



LEGEND

- 1
C602
- 2
C602
- STORM DRAIN INLET PROTECTION
- FIBER ROLL

EROSION CONTROL NOTES

- REFERENCE: "CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICE (BMP) HANDBOOK", LATEST EDITION.
- CONSTRUCTION AREAS SHOWN ARE CONCEPTUAL. ACTUAL PLACEMENT TO BE DETERMINED BY CONTRACTOR BASED ON CURRENT BEST MANAGEMENT PRACTICES. CONTRACTOR SHALL SUBMIT A CONSTRUCTION STAGING PLAN.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN EFFECT AND MAINTAINED BY THE CONTRACTOR ON A YEAR-ROUND BASIS UNTIL ALL DISTURBED AREAS ARE STABILIZED UNLESS OTHERWISE PERMITTED BY THE CITY INSPECTOR.
- AS PART OF THE GRADING OPERATIONS, THE CONTRACTOR SHALL ENSURE THAT THE SITE IS WATERED PRIOR TO THE COMMENCEMENT OF GRADING.
- ALL INLETS RECEIVING STORM WATER RUNOFF FROM THE PROJECT AREA MUST BE EQUIPPED WITH REQUIRED INLET PROTECTION.
- ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF ENTERING THE STORM DRAIN SYSTEM.
- ALL CONCRETE SLURRY SHALL BE CONTAINED IN CONCRETE WASH-OUT AREAS DESIGNATED ON-SITE.
- STOCKPILED EARTHEN MATERIAL SHALL BE EITHER COVERED WITH A TARP OR WATERED SUFFICIENTLY TO ELIMINATE DUST.
- TEMPORARY EROSION CONTROLS TO STABILIZE ALL DENUDED AREAS UNTIL PERMANENT EROSION CONTROLS ARE ESTABLISHED.
- DELINEATE WITH FIELD MARKERS CLEARING LIMITS, EASEMENTS, SETBACKS, SENSITIVE OR CRITICAL AREAS, BUFFER ZONES, TREES, AND DRAINAGE COURSES.
- PERFORM CLEARING AND EARTH MOVING ACTIVITIES ONLY DURING DRY WEATHER.
- USE SEDIMENT CONTROLS OR FILTRATION TO REMOVE SEDIMENT WHEN DEWATERING AND OBTAIN ALL NECESSARY PERMITS.
- PROTECT ALL STORM DRAIN INLETS IN VICINITY OF SITE USING SEDIMENT CONTROLS SUCH AS BERMS, FIBER ROLLS, OR FILTERS.
- TRAP SEDIMENT ON-SITE, USING BMPS SUCH AS SEDIMENT BASINS OR TRAPS, EARTHEN DIKES OR BERMS, SILT FENCES, CHECK DAMS, SOIL BLANKETS OR MATS, COVERS FOR SOIL STOCK PILES, ETC.
- DIVERT ON-SITE RUNOFF AROUND EXPOSED AREAS; DIVERT OFF-SITE RUNOFF AROUND THE SITE (E.G., SWALES AND DIKES).
- PROTECT ADJACENT PROPERTIES AND UNDISTURBED AREAS FROM CONSTRUCTION IMPACTS USING VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS OR FILTERS, DIKES, MULCHING, OR OTHER MEASURES AS APPROPRIATE.
- LIMIT CONSTRUCTION ACCESS ROUTES AND STABILIZE DESIGNATED ACCESS POINTS.
- NO CLEANING, FUELING, OR MAINTAINING VEHICLES ON-SITE, EXCEPT IN A DESIGNATED AREA WHERE WASHWATER IS CONTAINED AND TREATED.
- STORE, HANDLE, AND DISPOSE OF CONSTRUCTION MATERIALS/WASTES PROPERLY TO PREVENT CONTACT WITH STORMWATER.
- CONTRACTOR SHALL TRAIN AND PROVIDE INSTRUCTION TO ALL EMPLOYEES/SUBCONTRACTORS RE: CONSTRUCTION BMPS.
- CONTROL AND PREVENT THE DISCHARGE OF ALL POTENTIAL POLLUTANTS, INCLUDING PAVEMENT CUTTING WASTES, PAINTS, CONCRETE, PETROLEUM PRODUCTS, CHEMICALS, WASHWATER OR SEDIMENTS, RINSE WATER FROM ARCHITECTURAL COPPER, AND NON-STORMWATER DISCHARGES TO STORM DRAINS AND WATERCOURSES.
- CONTRACTOR SHALL PROVIDE INLET PROTECTION AT THE NEAREST DOWNSTREAM STORM DRAIN ALONG PROJECT SITE.

LOCATION OF CONSTRUCTION ACTIVITIES IS PRELIMINARY AND SHALL BE SUPERSEDED BY FINALIZED CONSTRUCTION ACTIVITY LOCATIONS, SHOWN/UPDATED BY CONTRACTOR.

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24-0106
FIRE
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707 Third Street, Suite 4-105
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REGISTERED PROFESSIONAL ENGINEER
MONTY P. SHAW
C 083804
EXP. 9/30/2025
CIVIL
STATE OF CALIFORNIA

2/16/2024

BKF
BKF ENGINEERS
980 9TH STREET
SUITE 2300
SACRAMENTO, CA 95814
(916) 556-5800
www.bkf.com
BKF No.: C20210392-01

Issue		
No.	Date	Description
1	1/5/24	WD Set

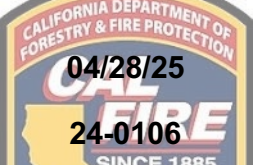
Project
OES SECURITY
UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY
SERVICES

Supervisor	Designed	Drawn
JS	BKF	SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
EROSION
CONTROL PLAN

Project Number 00000000009324		
Reference North 	Sheet Scale AS SHOWN	Sheet Number C601

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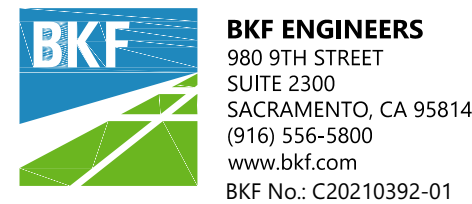
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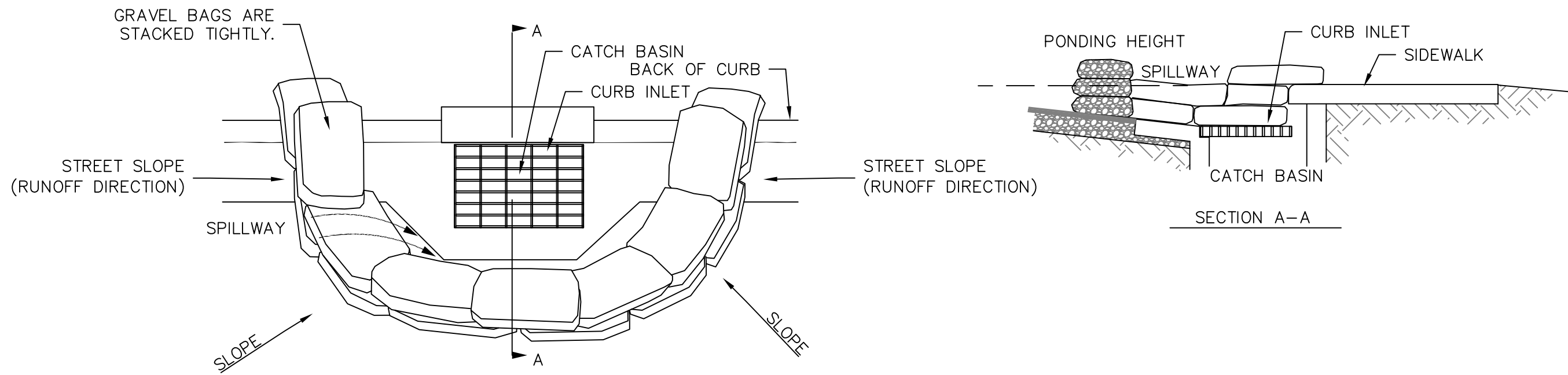
Issue		
No.	Date	Description
1	1/5/24	WD Set

Project
OES SECURITY UPGRADES
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MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

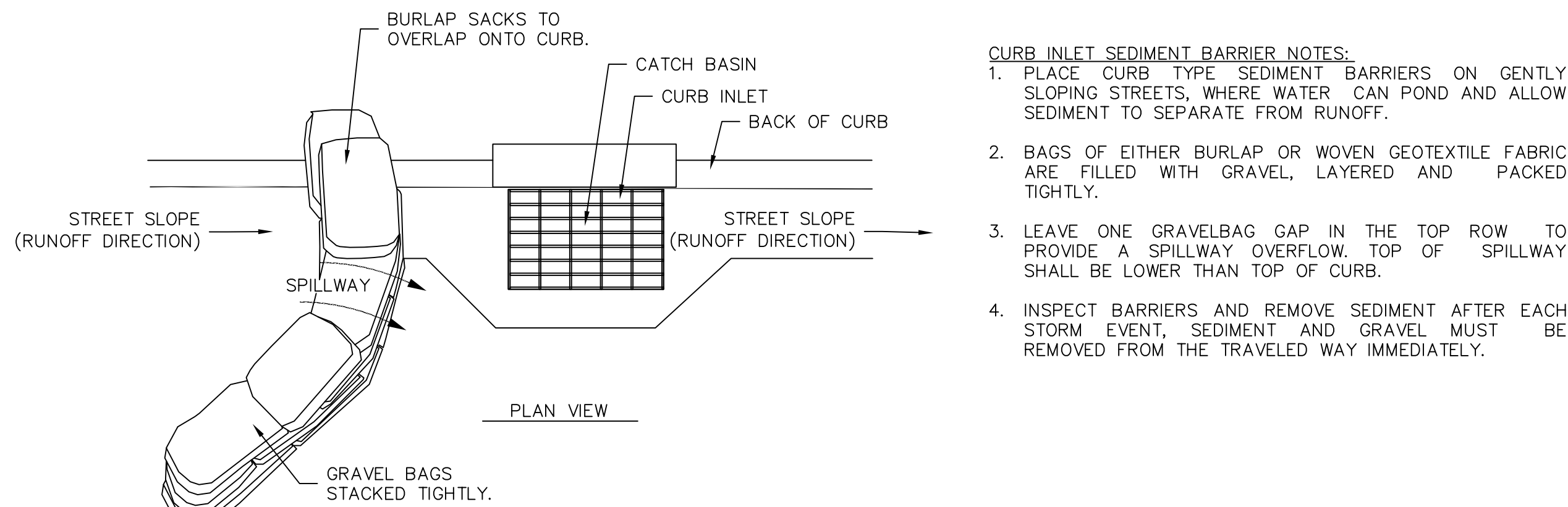
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
EROSION CONTROL DETAILS

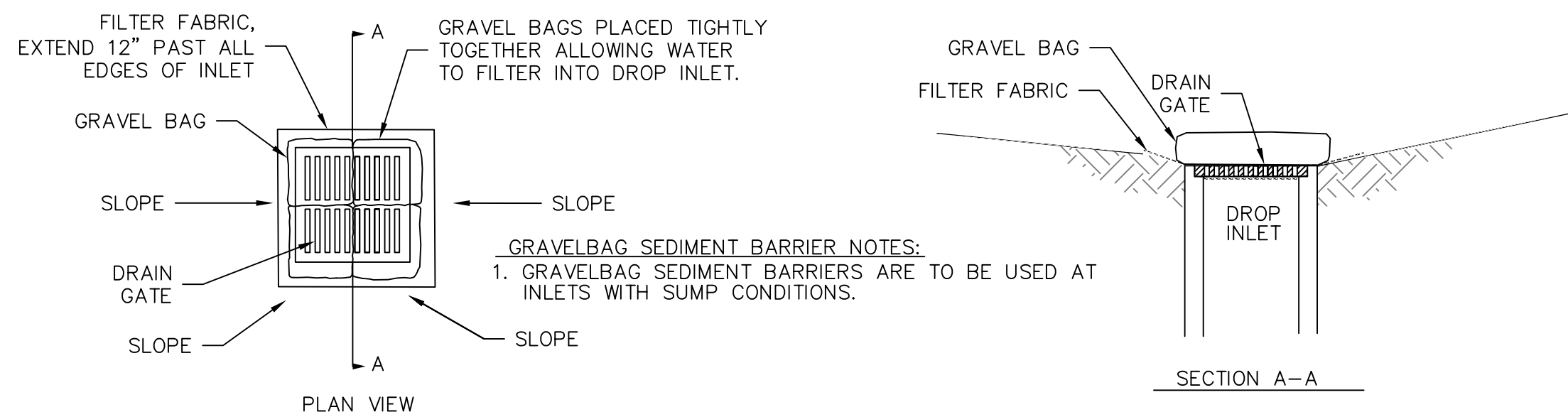
Project Number 000000000009324		
Reference North 	Sheet Scale AS SHOWN	Sheet Number C602



CURB INLET SEDIMENT BARRIER - SUMP

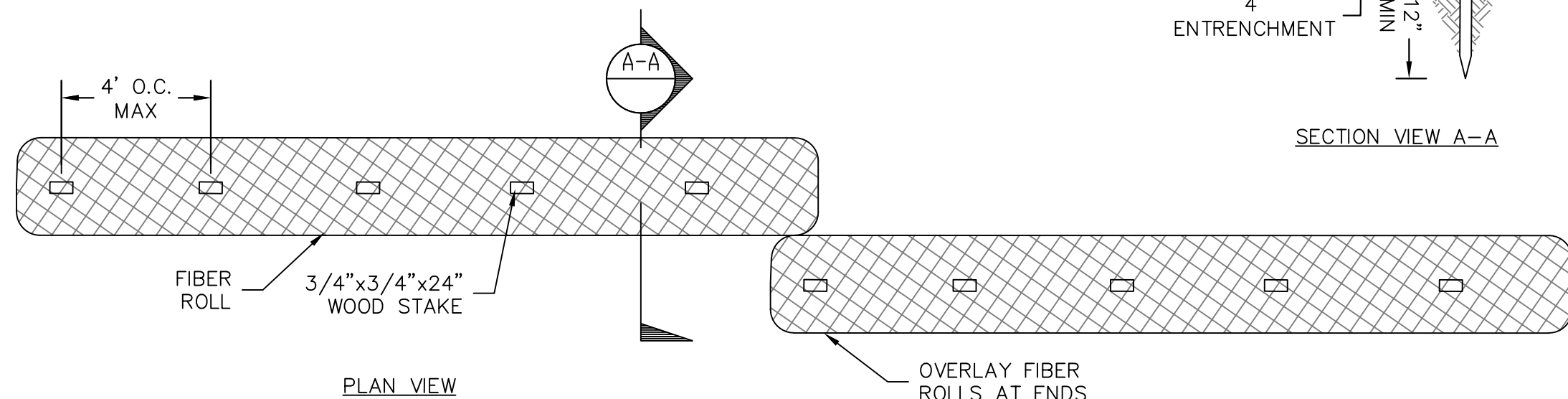


CURB INLET SEDIMENT BARRIER - CONTINUOUS GRADE



GRAVELBAG SEDIMENT BARRIER NOTES:
1. GRAVELBAG SEDIMENT BARRIERS ARE TO BE USED AT INLETS WITH SUMP CONDITIONS.

① DRAINAGE INLET
GRAVELBAG SEDIMENT BARRIER
NTS



NOTES:
1. INSTALL FIBER ROLLS ALONG A LEVEL CONTOUR.
2. ON 2:1 SLOPES, FIBER ROLLS SHALL BE PLACED ON 10' SPACINGS.
3. ON 4:1 SLOPES OR SHALLOWER, FIBER ROLLS SHALL BE PLACED ON 20' SPACINGS.

② FIBER ROLL
NTS

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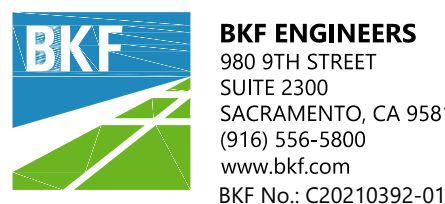
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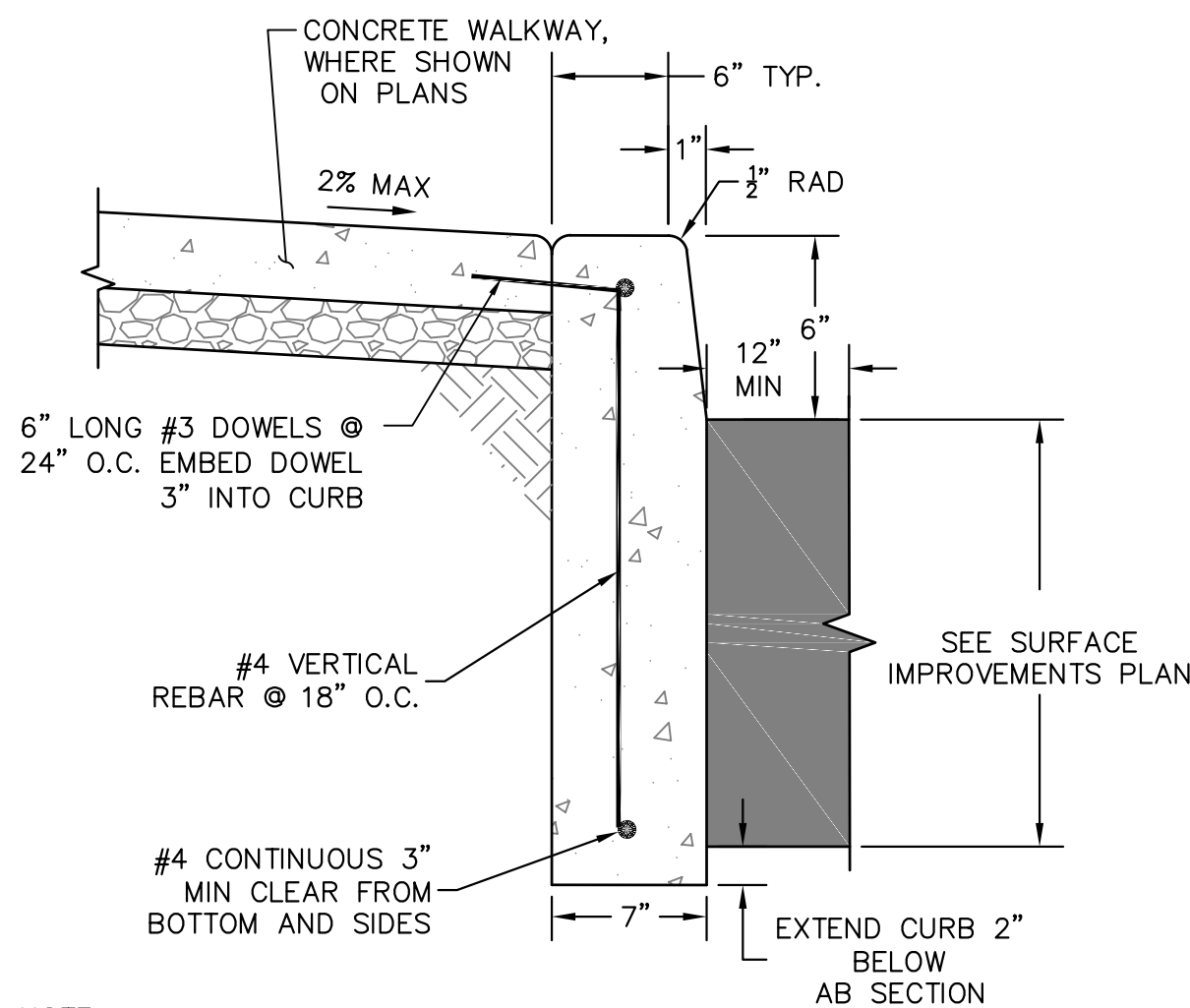
Issue		
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Project
OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor	Designed	Drawn
JS	BKF	SH
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

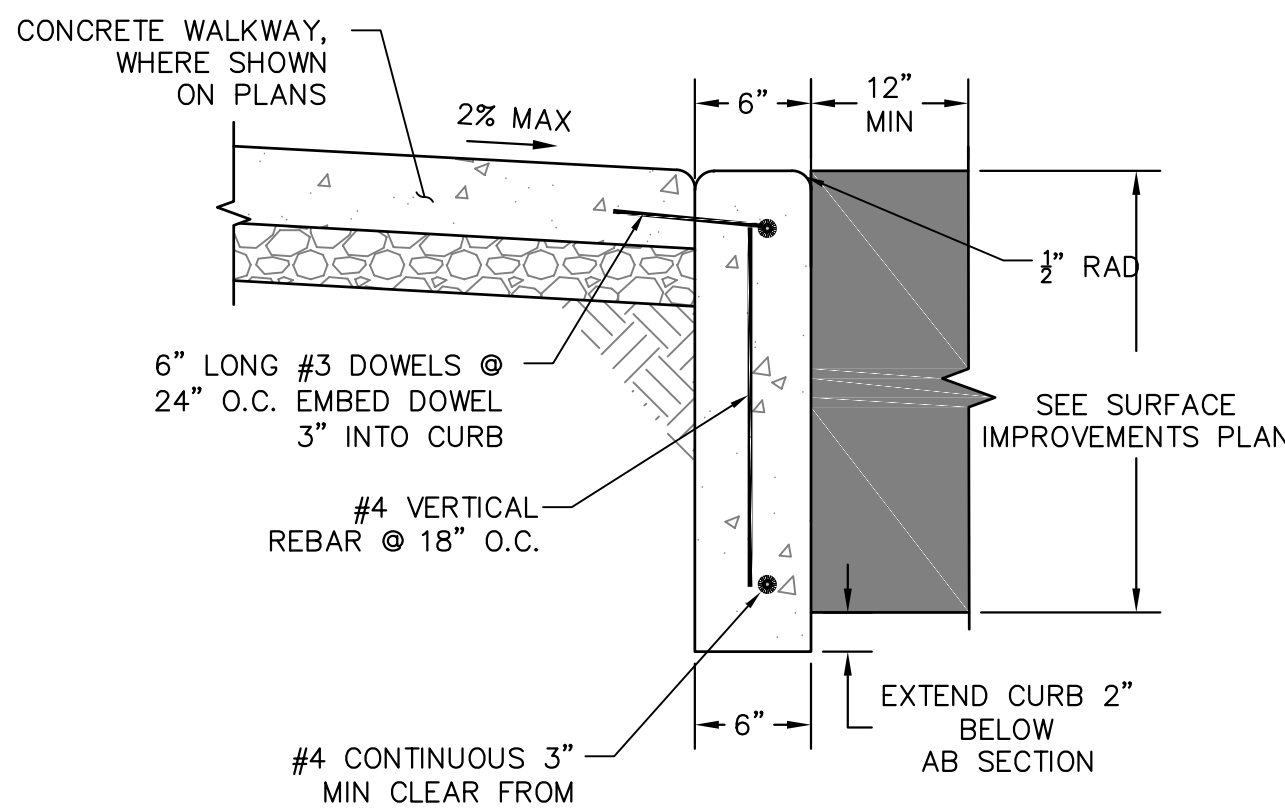
Sheet Title		
DETAILS		
Project Number 00000000009324		
Reference North	Sheet Scale AS SHOWN	Sheet Number C700

ISSUE DATE: SEPTEMBER 4, 2025



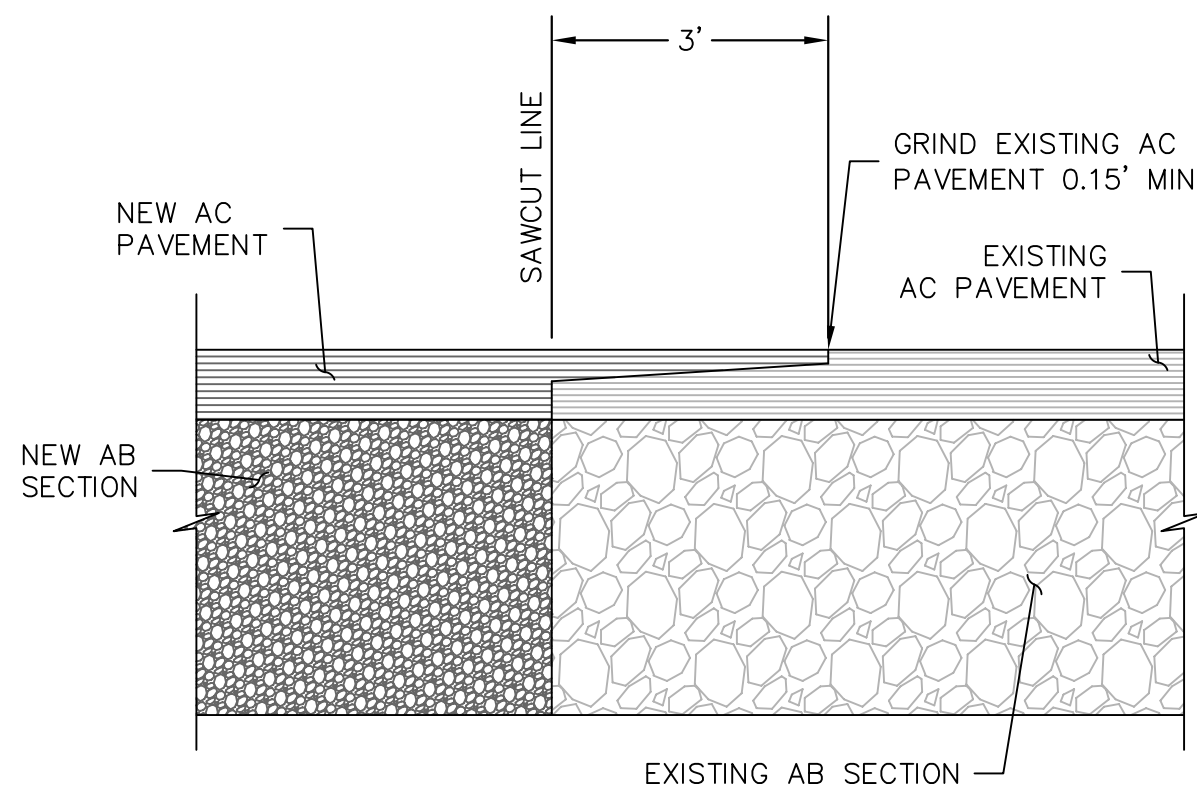
- NOTE:
- CONTRACTOR SHALL PROVIDE A MINIMUM 12" WIDE FULL DEPTH AC SECTION (AC PLUG) WHERE NEW CONCRETE CURB ABUTS EXISTING ASPHALT SECTIONS.

① VERTICAL CURB
NTS

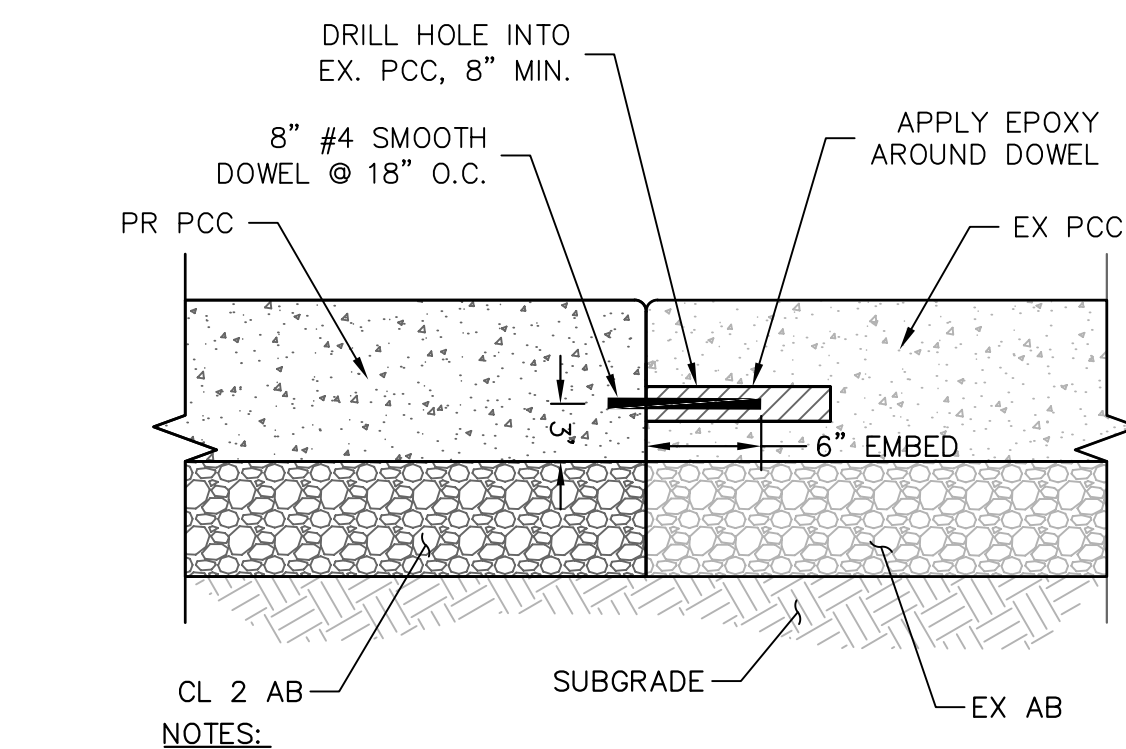
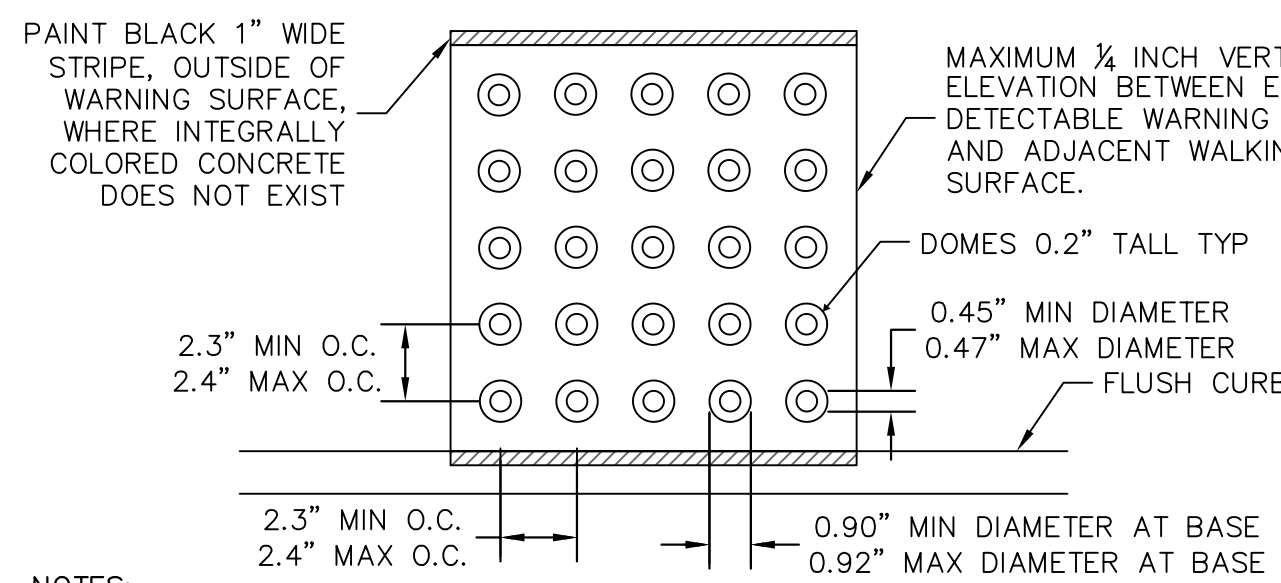


- NOTE:
- CONTRACTOR SHALL PROVIDE A MINIMUM 12" WIDE FULL DEPTH AC SECTION (AC PLUG) WHERE NEW CONCRETE CURB ABUTS EXISTING ASPHALT SECTIONS.

② FLUSH CURB
NTS



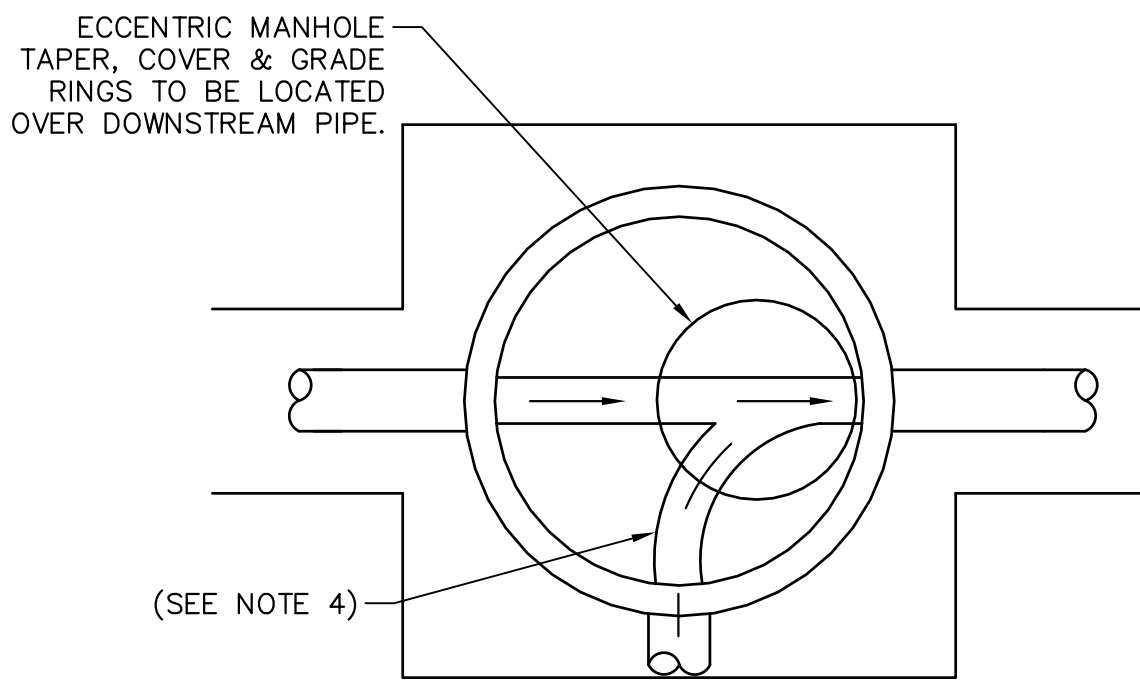
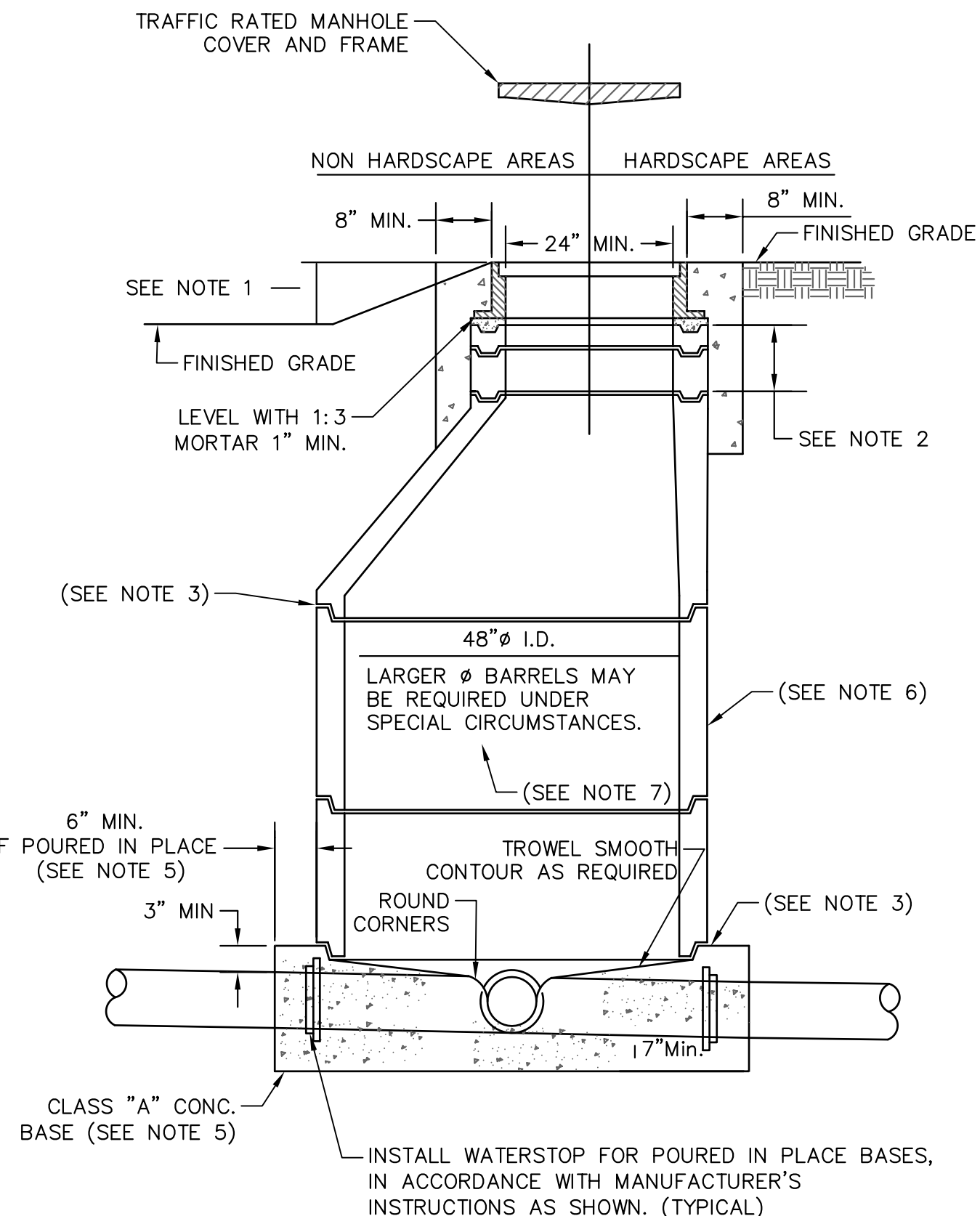
③ PAVEMENT CONFORM
NTS



⑤ BOLLARD
NTS

- NOTES:
- DETECTABLE WARNING SURFACE SHALL BE CAST-IN PLACE WITHIN CONCRETE ARMOR-TILE OR APPROVED EQUAL.
 - THE DETECTABLE WARNING SURFACE SHALL BE INSTALLED ALONG THE FULL WIDTH AND 3' DEPTH ON THE CURB RAMP, EXCLUDING THE FLARED SIDES AND INSIDE THE GROOVED BORDER. THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE PLACED BETWEEN 6 AND 8 INCHES FROM THE FACE OF FLUSH CURB, UNLESS INDICATED OTHERWISE.
 - COLOR OF DETECTABLE WARNING SURFACE SHALL BE YELLOW AND APPROXIMATE 33538 OF SAE AMS-STD-595A.
 - DETECTABLE WARNING SURFACE SHALL BE SLIP-RESISTANT.
 - DETECTABLE WARNING SURFACE SHALL DIFFER FROM ADJOINING SURFACES IN RESILIENCY OR SOUND-ON-CANE CONTACT.

⑥ DETECTABLE WARNING SURFACE
NTS

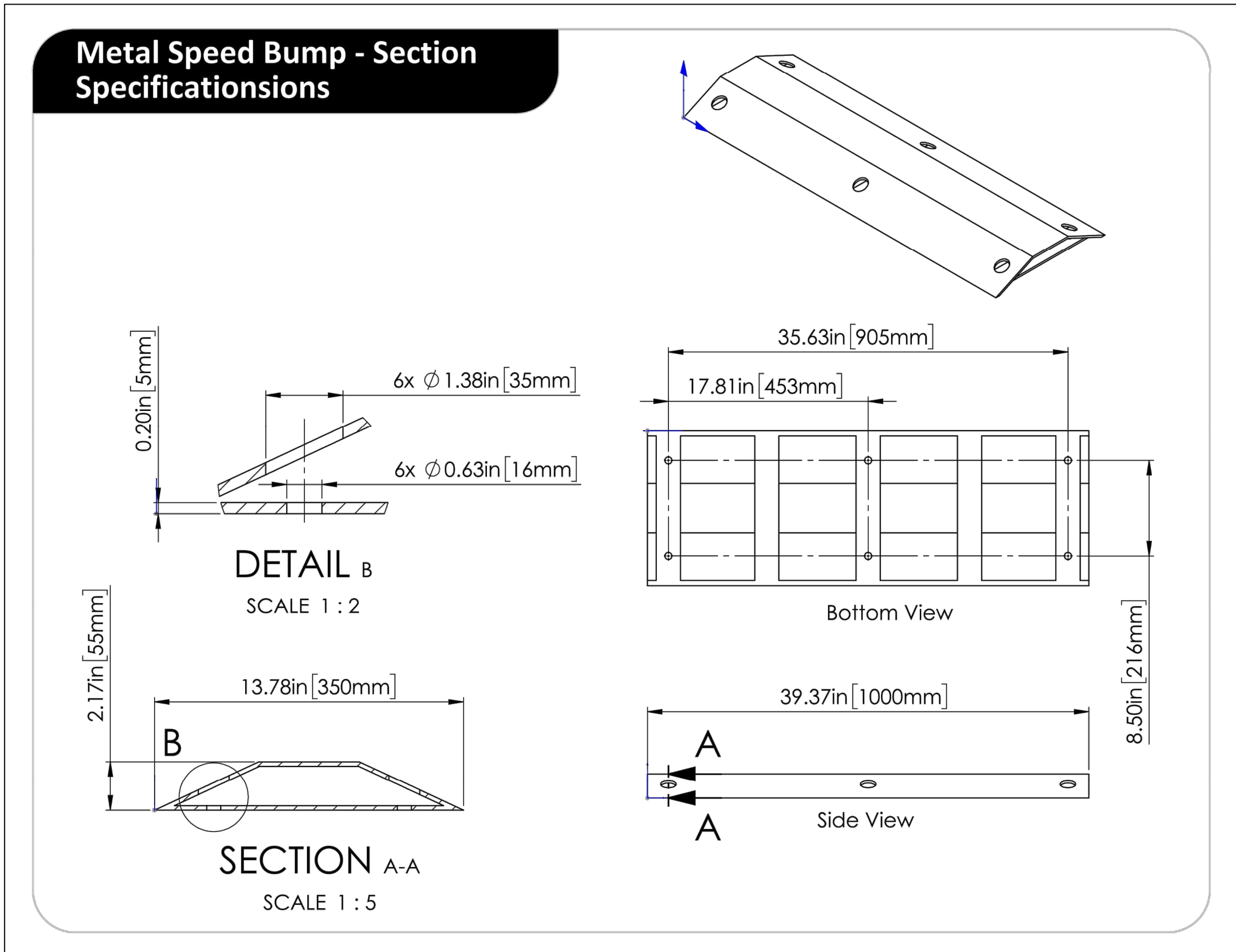


⑦ CURB RAMP
NTS

MANHOLE BASE
CHANNELIZATION PLAN AND LOCATION OF ECCENTRIC MANHOLE COVER

- NOTES:
- WHEN MANHOLES ARE INSTALLED IN UNIMPROVED AREAS, THE TOP OF THE COVER SHALL BE A MIN. OF 6" ABOVE GRADE (1.5" IN DG AREAS). SLOPE @1:2 TO MATCH FINISH GRADE.
 - MIN. OF ONE 3" GRADE ADJUSTMENT RING. MAX. HEIGHT OF GRADE ADJUSTMENT RINGS = 20". ALTERNATELY, CONTRACTOR MAY CAST GRADE ADJUSTMENT RINGS IN PLACE.
 - SET ALL BARREL SECTIONS & TAPER SECTIONS IN PLASTIC GASKET, RAM-NEK OR EQUAL (TYP. JOINT USE 3/4"x2-1/2" RAM-NEK SEAL) OR EQUAL 6" WIDE GROUT BAND ON INSIDE & OUTSIDE.
 - AFTER LOWER RING SECTION IS SET, CUT OUT TOP HALF OF PIPE FLUSH WITH INSIDE FACE OF M.H. WALL AND CONSTRUCT SHELF & U-SHAPED CHANNEL. MAKE ELEVATION CHANGES GRADUALLY AND DIRECTIONAL CHANGES WITH SMOOTH CURVES. SLOPE AND SIZE OF CHANNELS SHALL MATCH UPSTREAM AND DOWNSTREAM PIPES. MANHOLE CHANNELS WITH A HORIZONTAL CHANGE IN DIRECTION OF 30° OR MORE SHALL HAVE A MIN. DROP OF 0.1' ACROSS THE MANHOLE OR SHALL MATCH THE SLOPE OF THE PIPE, WHICHEVER IS GREATER. POURED-IN-PLACE BASE SHALL BE POURED FULL THICKNESS ON UNDISTURBED SOIL. PRECAST BASE SHALL BE PLACED ON 6" MIN. OF 3/4" DRAIN ROCK INSTALLED AGAINST UNDISTURBED EARTH.
 - STANDARD MANHOLE BARREL SECTION PER ASTM C478. WITH RESILIENT CONNECTORS PER ASTM C923.
 - 48" I.D. M.H. TO BE USED FOR ALL MAINS LESS THAN 18" I.D. 60" I.D. M.H. TO BE USED FOR ALL MAINS 18" TO 48" OR WHERE INSIDE DROP FITTINGS ARE USED.

⑧ MANHOLE
NTS



- 9

ARCHITECTURAL ABBREVIATIONS

	CENTERLINE	M	METER
Ø	DIAMETER OR ROUND NUMBER	MAX	MAXIMUM
		MC	MEDICINE CABINET
		MECH	MECHANICAL
AC	ASPHALT CONCRETE	MEMB	MEMBRANE
ACC	ACCESSORY	MFR	MANUFACTURER
ACM	ASBESTOS CONTAINING MATERIAL	MIN	MINIMUM
AFF	ABOVE FINISH FLOOR	MISC	MISCELLANEOUS
AHU	AIR HANDLING UNIT	MM	MILLIMETER
AR	ACCESSIBLE ROUTE	MTD	MOUNTED
ARCH	ARCHITECTURAL	MTL	METAL
ASB	ASBESTOS	MUL	MULLION
AVG	AVERAGE		
		N	NORTH
BD	BOARD	(N)	NEW
BLDG	BUILDING	NIC	NOT IN CONTRACT
BO	BOTTOM OF	NOM	NOMINAL
BOT	BOTTOM	NTS	NOT TO SCALE
C	DEGREE CELSIUS	OC	ON CENTER
CATV	CABLE TELEVISION	OD	OUTSIDE DIAMETER
CCTV	CLOSED-CIRCUIT TELEVISION	OCFI	OWNER FURNISHED CONTRACTOR INSTALLED
CF	CUBIC FEET	OFOI	OWNER FURNISHED OWNER INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED	OFF	OFFICE
CJ	CONTROL JOINT	OH	OPPOSITE HAND
CI	CAST IRON	OPP	OPPOSITE
CLR	CLEAR	O/	OVER
CLG	CEILING		
CMU	CONCRETE MASONRY UNIT	PL	PROPERTY LINE OR PLATE
COL	COLUMN	PL	PLANTER
COMM	COMMUNICATION	PLAM	PLASTIC LAMINATE
COMP	COMPOSITION	PLAS	PLASTER
CONC	CONCRETE	PLWD	PLYWOOD
CONF	CONFERENCE	POT	PATH OF TRAVEL
CONT	CONTINUATION OR CONTINUOUS	PR	PAIR
CORR	CORRIDOR	PSI	POUNDS PER SQUARE INCH
		PT	PRESSURE TREATED
DBL	DOUBLE	PTD	PAPER TOWEL DISPENSER
DEPT	DEPARTMENT	PVC	POLYVINYL CHLORIDE
DEMO	DEMOLITION		
DF	DRINKING FOUNTAIN	QT	QUARRY TILE
DIA	DIAMETER		
DIM	DIMENSION	R	RADIUS
DISP	DISPENSER	RCPT	RECEPTION
DN	DOWN	RO	ROOF DRAIN
DR	DOOR	REF	REFERENCE
DS	DOWNSPOUT	REFR	REFRIGERATOR
DW	DISH WASHER	REINF	REINFORCED
DWG	DRAWING	REQD	REQUIRED
		RM	ROOM
E	EAST	RO	ROUGH OPENING
(E)	EXISTING	RR	RESTROOM
EA	EACH	RWD	REDWOOD
EJ	EXPANSION JOINT	RWL	RAIN WATER LEADER
EL	ELEVATION		
ELEC	ELECTRICAL	S	SOUTH
ELEV	ELEVATOR	SAWPM	SELF-ADHERING WATERPROOF MEMBRANE
EMER	EMERGENCY	SCD	SEAT COVER DISPENSER
EQ	EQUAL	SCHED	SCHEDULE
EXP	EXPANSION	SD	SOAP DISPENSER
EXT	EXTERIOR	SDST	SELF DRILLING SELF TAPPING
		SF	SQUARE FEET, SQUARE FOOT
FA	FIRE ALARM	SIM	SIMILAR
FAAP	FIRE ALARM ANNUNCIATOR PANEL	SMS	SHEET METAL SCREW
FACP	FIRE ALARM CONTROL PANEL	SND	SANITARY NAPKIN DISPENSER
FD	FLOOR DRAIN	SNR	SANITARY NAPKIN RECEPTACLE
FE	FIRE EXTINGUISHER	SQ	SQUARE
FEC	FIRE EXTINGUISHER CABINET	SSC	SOLID SURFACE COUNTERTOP
FF	FINISH FLOOR	SS	SERVICE SINK
FG	FINISH GRADE	SST	STAINLESS STEEL
FLR	FLOOR	STL	STEEL
FLS	FIRE LIFE SAFETY	STD	STANDARD
FO	FACE OF	STOR	STORAGE
FOF	FACE OF FINISH	STRUCT	STRUCTURAL
FOS	FACE OF STUD	SUPPL	SUPPLEMENTAL
FRP	FIBERGLASS REINFORCED PLASTIC		
FRZR	FREEZER	T	TREAD
FS	FIRE SUPPRESSION	T&B	TOP AND BOTTOM
FT	FOOT OR FEET	T&G	TONGUE AND GROOVE
FTG	FOOTING	TB	TOWEL BAR
FV	FIELD VERIFY	TEL	TELEPHONE
		TEMP	TEMPORARY
GA	GAUGE	TER	TERRAZZO
GAL	GALLON	TERM	TERMINATION
GALV	GALVANIZED	THK	THICK
GB	GRAB BAR	TJ	TOOLED JOINT
GI	GALVANIZED IRON	TO	TOP OF
GSM	GALVANIZED SHEET METAL	TPD	TOILET PAPER DISPENSER
GSP	GALVANIZED STEEL PIPE	TV	TELEVISION
GYP	GYPSUM	TYP	TYPICAL
GYPBD	GYPSUM BOARD		
		UON	UNLESS OTHERWISE NOTED
HB	HOSE BIBB	UR	URINAL
HM	HOLLOW METAL		
HORIZ	HORIZONTAL	VCT	VINYL COMPOSITION TILE
HT	HEIGHT	VERT	VERTICAL
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	VEST	VESTIBULE
		VIF	VERIFY IN FIELD
ID	INSIDE DIAMETER	W	WEST
IN	INCH		
NOTE: ADDITIONAL AND OR VARIED ABBREVIATIONS MAY BE FOUND IN OTHER DISCIPLINES. IF THERE IS A CONFLICT, ABBREVIATIONS IDENTIFIED IN OTHER DISCIPLINES DICTATE WITHIN THE APPLICABLE DISCIPLINE DRAWINGS.			
		WC	WATER CLOSET
		WCHR	WHEELCHAIR
JB	JUNCTION BOX	WD	WOOD
JAN	JANITOR	WH	WATER HEATER
JT	JOINT	WP	WATER PROOF
		WR	WATER RESISTANT
KIT	KITCHEN	WT	WEIGHT
		WWF	WELDED WIRE FABRIC
L	LENGTH		
LAB	LABORATORY		
LAV	LAVATORY	YD	YARD
LB	POUND		
LTG	LIGHTING		

ARCHITECTURAL MATERIALS

	EARTH
	POROUS FILL
	CONCRETE
	BRICK
	CONCRETE BLOCK
	METAL
	CONTINUOUS WOOD
	SHIM OR NON-CONT. WOOD BLANKING
	FINISH WOOD
	PLYWOOD
	GYPSUM WALLBOARD
	STONE
	RIGID INSULATION
	BATT INSULATION
	ACOUSTIC TILE
	PLASTER ON METAL LATH
	TILE
	SEALANT W/ BACK-UP MATERIAL

ARCHITECTURAL SYMBOLS

CENTERLINE	
BREAK LINE	
MATCH LINE	
ELEVATION MARK OR DATUM POINT	
WALL TYPE (SEE A611)	
REVISION CLOUD (EXTENT OF REVISION)	
REVISION IDENTIFIER	
GRID LINE	
NORTH ARROW	
ROOM NAME AND NUMBER	
DOOR NUMBER	
WINDOW TYPE	
KEYNOTE REFERENCE	
EXTERIOR ELEVATION REFERENCE	
SECTION REFERENCE	
DETAIL REFERENCE	
INTERIOR ELEVATION REFERENCE	
ALIGN SURFACES	
SIGNAGE REFERENCE	

SEE CIVIL AND ELECTRICAL DRAWINGS FOR CIVIL AND ELECTRICAL LEGENDS

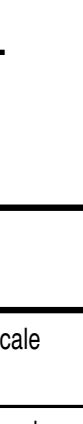
GENERAL NOTES

1. THESE GENERAL NOTES APPLY TO THE ARCHITECTURAL DRAWINGS AND SHALL GOVERN UNLESS NOTED OTHERWISE BY GENERAL NOTES OR KEYNOTES ON SPECIFIC SHEETS.
2. DO NOT SCALE DRAWINGS. IF DIMENSION IS NOT PROVIDED, CONSULT STATE FOR DIRECTION.
3. ALL ELEMENTS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE AMERICANS DISABILITIES ACT (ADA), 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADA), AND THE 2019 CALIFORNIA BUILDING CODE, CHAPTER 11B, WHERE THESE REGULATIONS CONFLICT, ADHERENCE TO THE PROVISION THAT PROVIDES THE HIGHEST DEGREE OF ACCESS IS REQUIRED.
4. ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.

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APPROVED FIRE AND PANIC ONLY

04/28/25
24-0106
SINCE 1885

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Department of General Services Architecture & Engineering Sections																																
State of California Real Estate Services Division Project Management & Development Branch																																
707 Third Street, Suite 4-105 West Sacramento, California 95605																																
																																
Issue <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 10%;">No.</th><th style="width: 15%;">Date</th><th>Description</th></tr></thead><tbody><tr><td style="text-align: center;">1</td><td></td><td></td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>			No.	Date	Description	1																										
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Supervisor DS	Designed LQ	Drawn LQ																														
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR																															
Sheet Title ARCHITECTURAL COVER SHEET																																
Project Number 000000000009324																																
		Sheet Scale Sheet Number A001																														

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Issue		
No.	Date	Description
1		

Project
OES SECURITY UPGRADES
3850 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor DS	Designed LQ	Drawn LQ
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

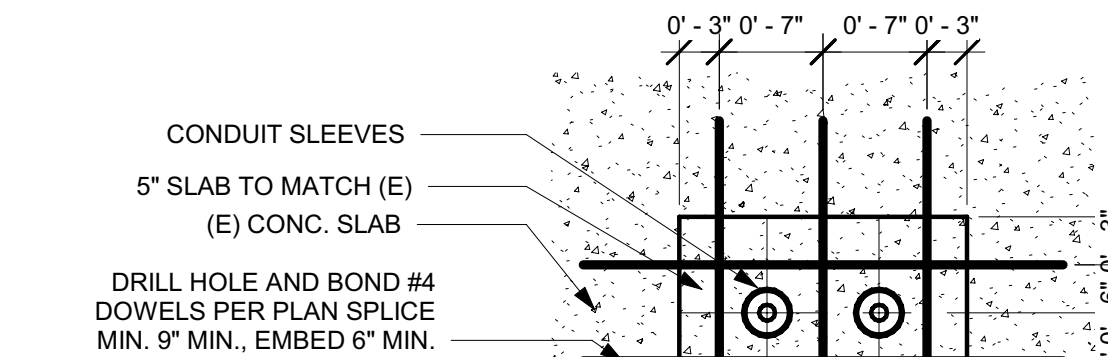
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ARCHITECTURAL SITE PLAN

Project Number
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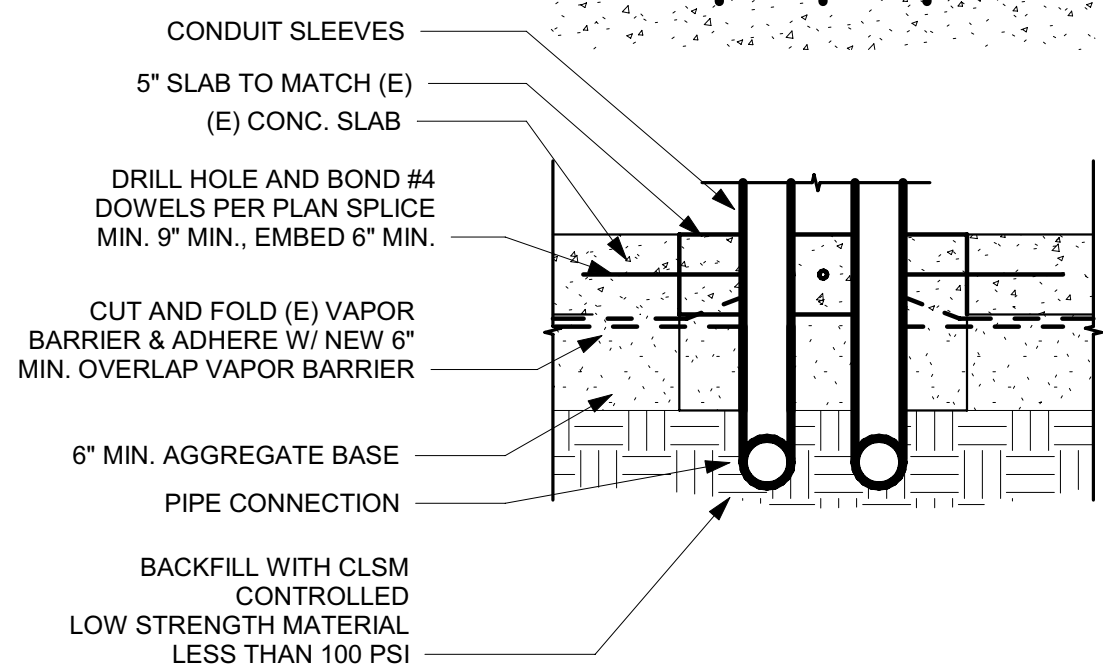
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	Sheet Number A100

SITE PLAN LEGEND

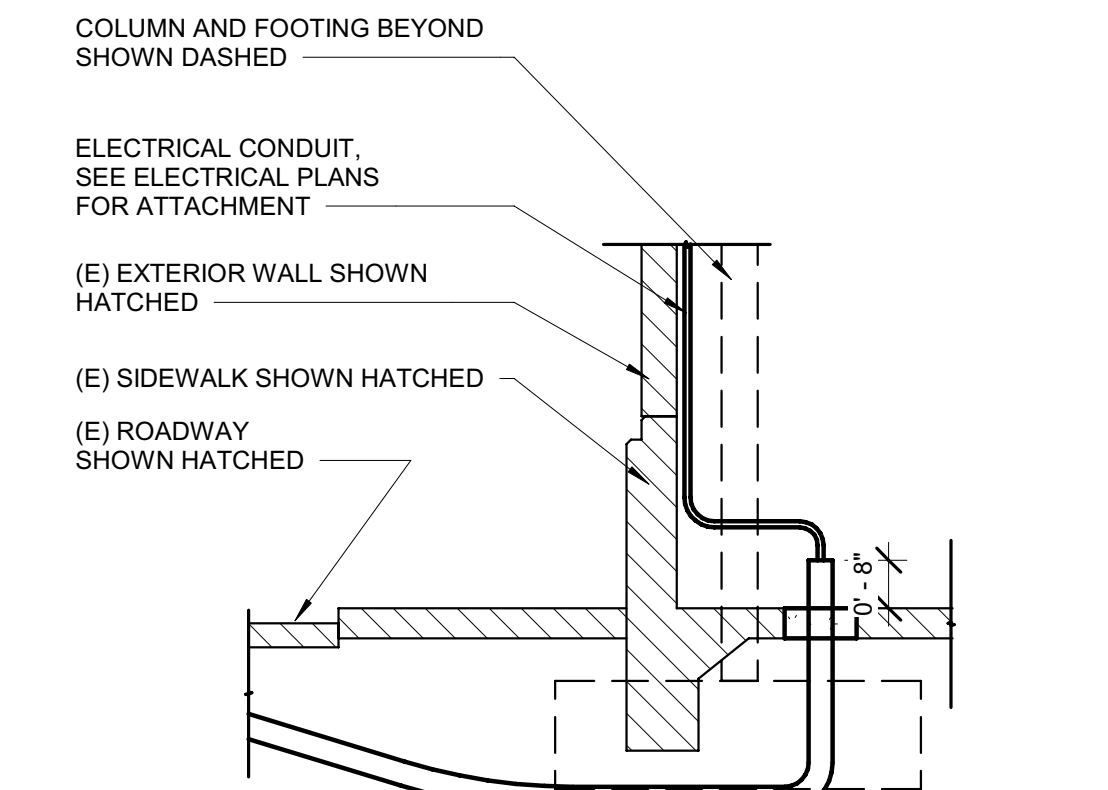
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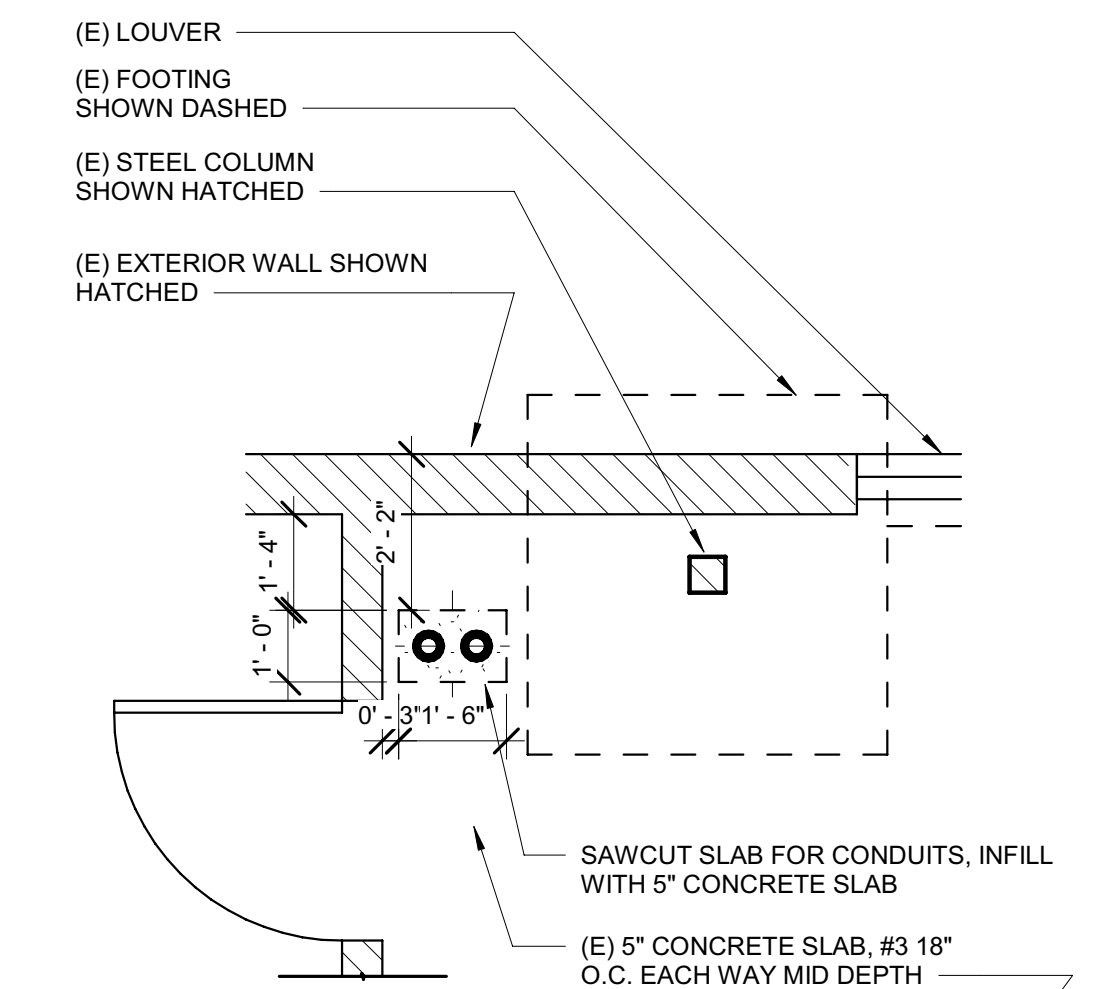
DETAIL PLAN



DETAIL SECTION

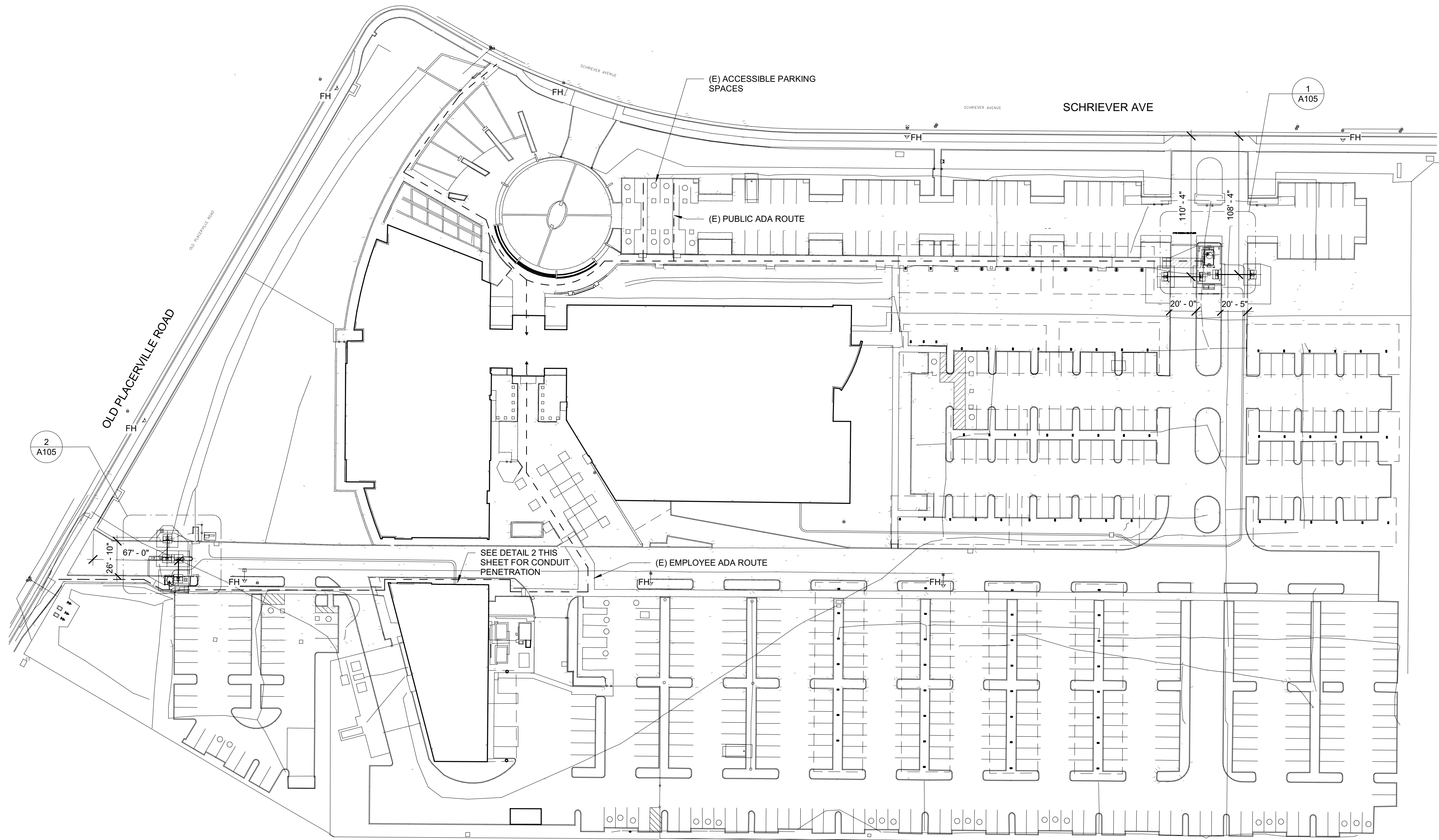


SECTION



PLAN

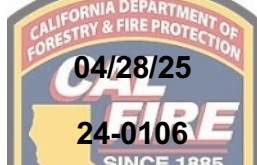
CONDUITS AT BUILDING C



1 SITE PLAN PROPOSED

1" = 50'-0"

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MATHER, CA 95665
SACRAMENTO COUNTY
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SERVICES**

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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
**ENLARGED EXISTING
SITE PLAN AND
PHOTO KEYS**

Project Number
00000000009324

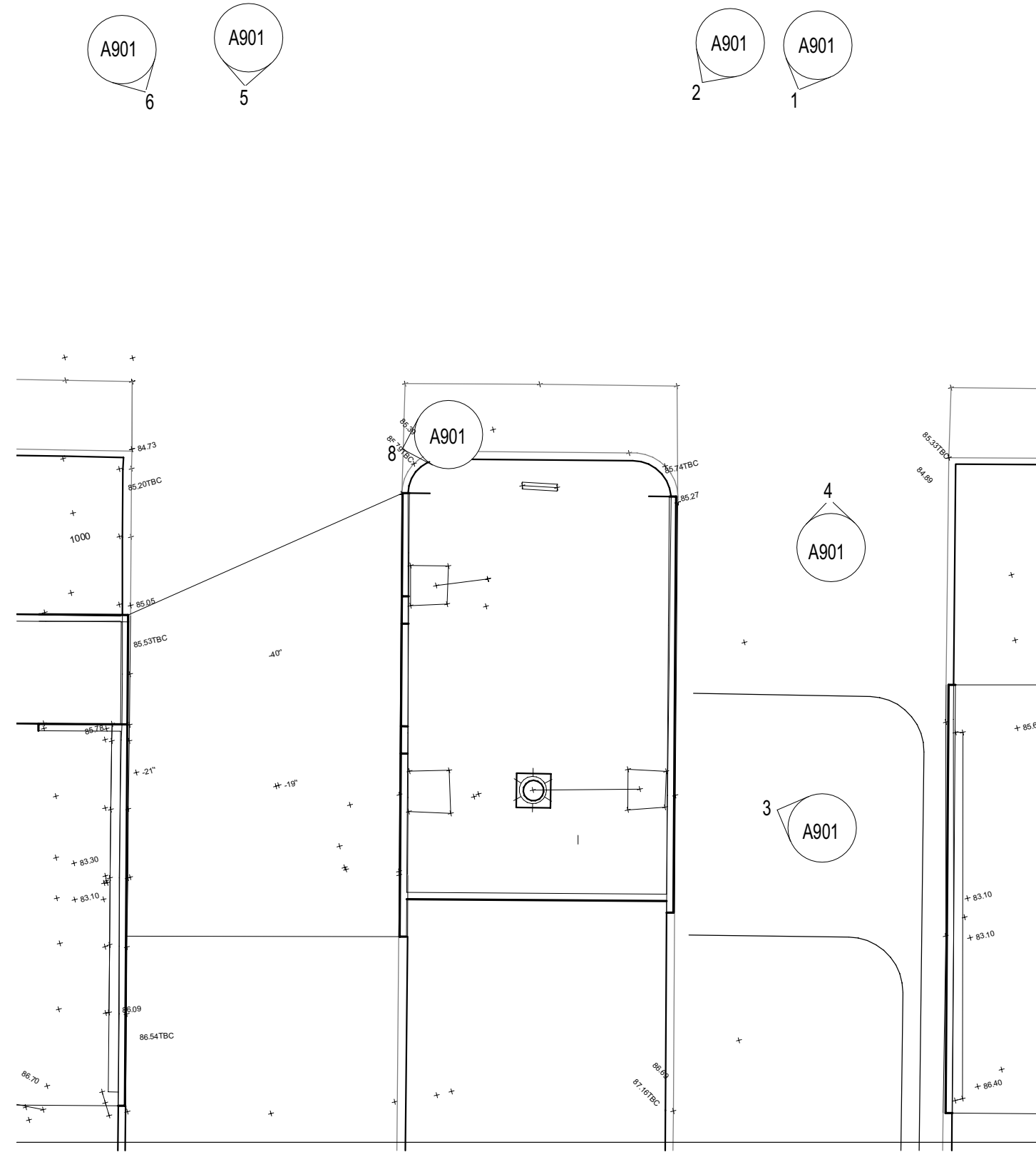
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V2

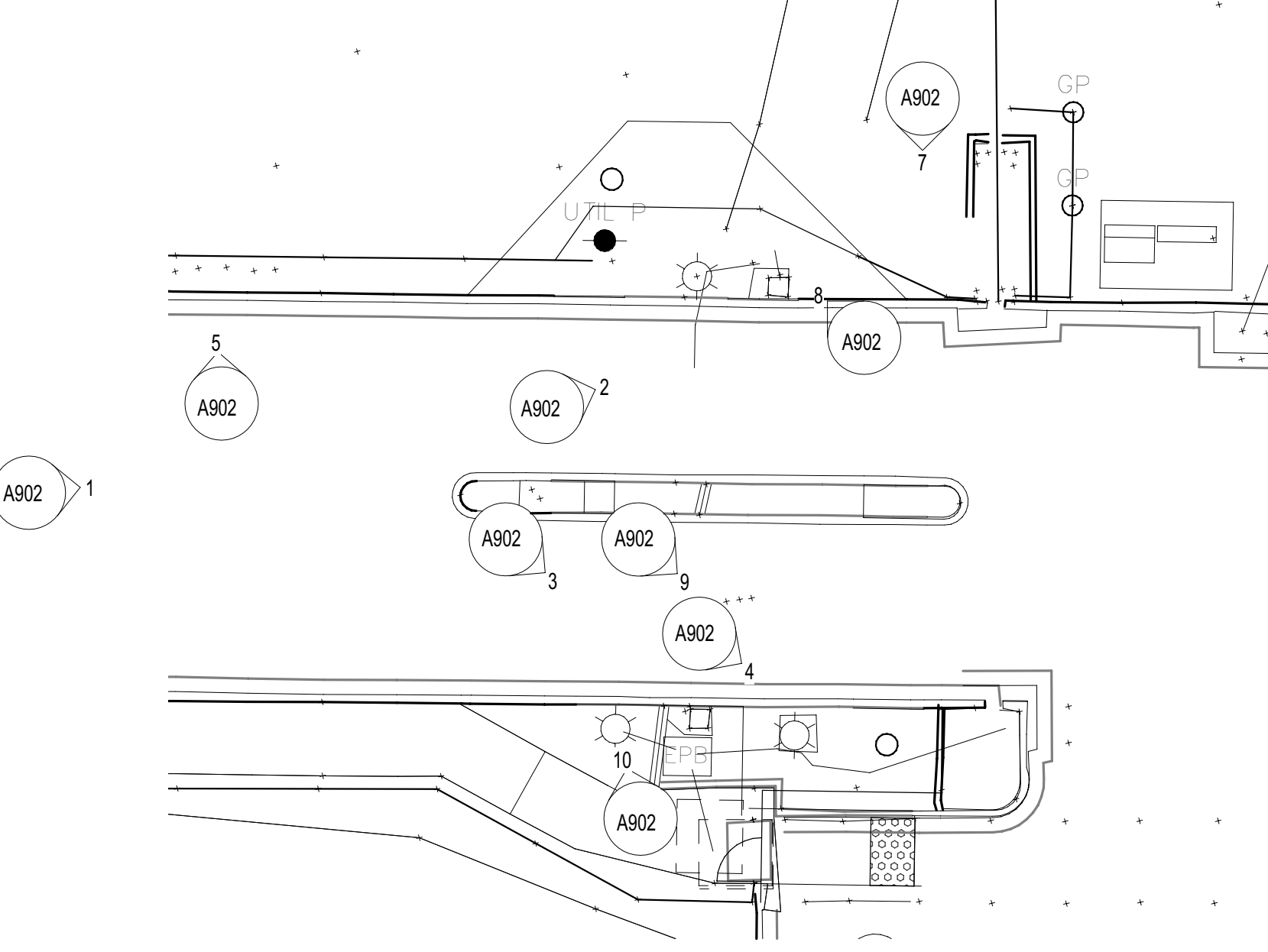
ISSUE DATE: SEPTEMBER 4, 2025

RELATIVE BORDER SCALE IN INCHES



A901 7

A902 6



A902 1

A902 2

A902 3

A902 9

A902 4

A902 10

2 ENLARGED SITE PLAN (E) OLD PLACERVILLE RD

1" = 10'-0"

1 ENLARGED (E) SITE PLAN SHRIEVER AVE

1" = 10'-0"

C:\Projects\009234 ARC22 Central V3 Lorenz quinley.rvt

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Issue		
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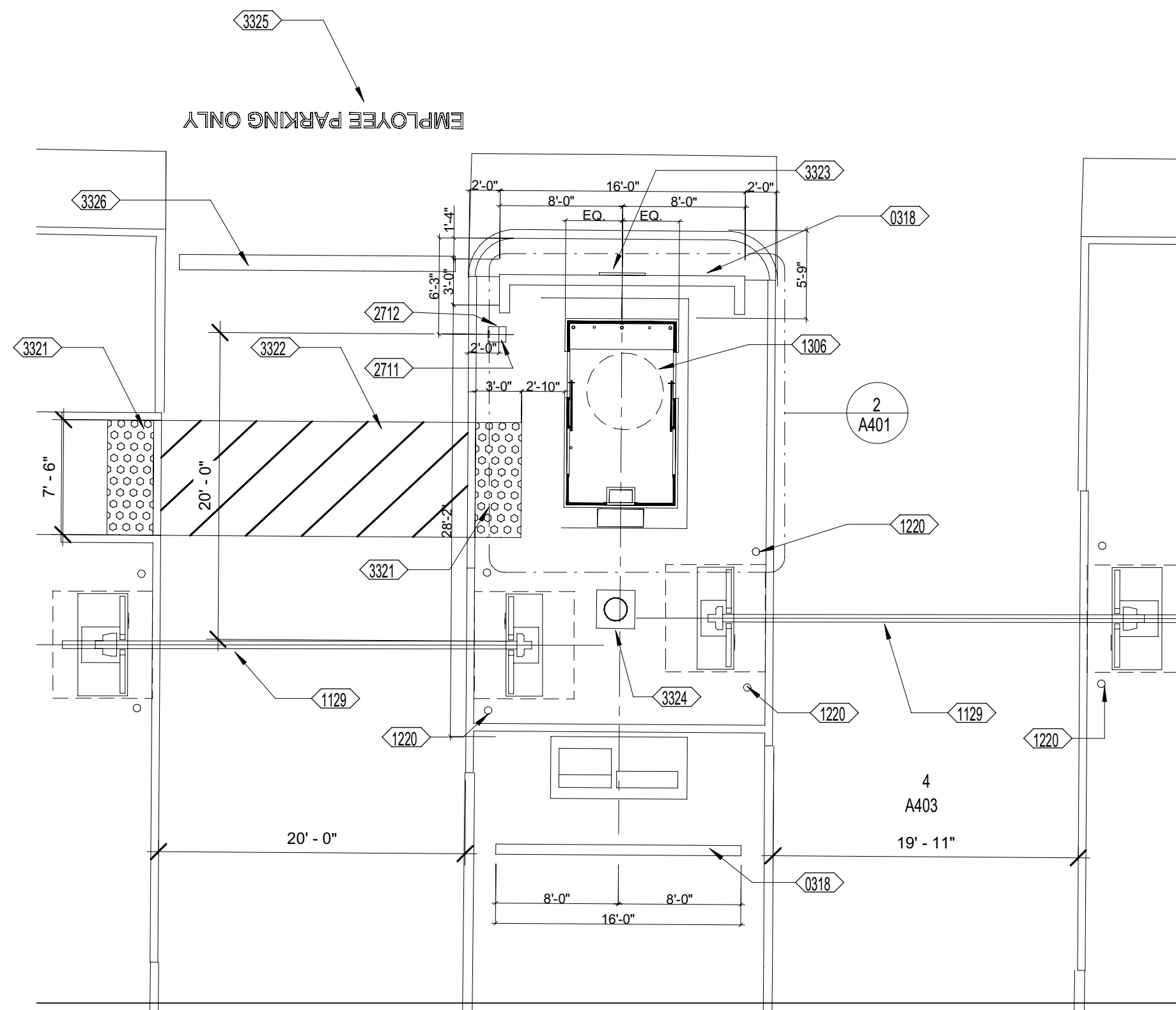
Project
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UPGRADES**
3850 SCHRIEVER AVENUE
MATHER, CA 95665
SACRAMENTO COUNTY
**OFFICE OF EMERGENCY
SERVICES**

Supervisor	Designed	Drawn
DS	LQ	LQ
DSA App No.	SFM Permit No.	
02-122133	24-N-0106-C-DR	

Sheet Title
**ENLARGED SITE
PLANS**

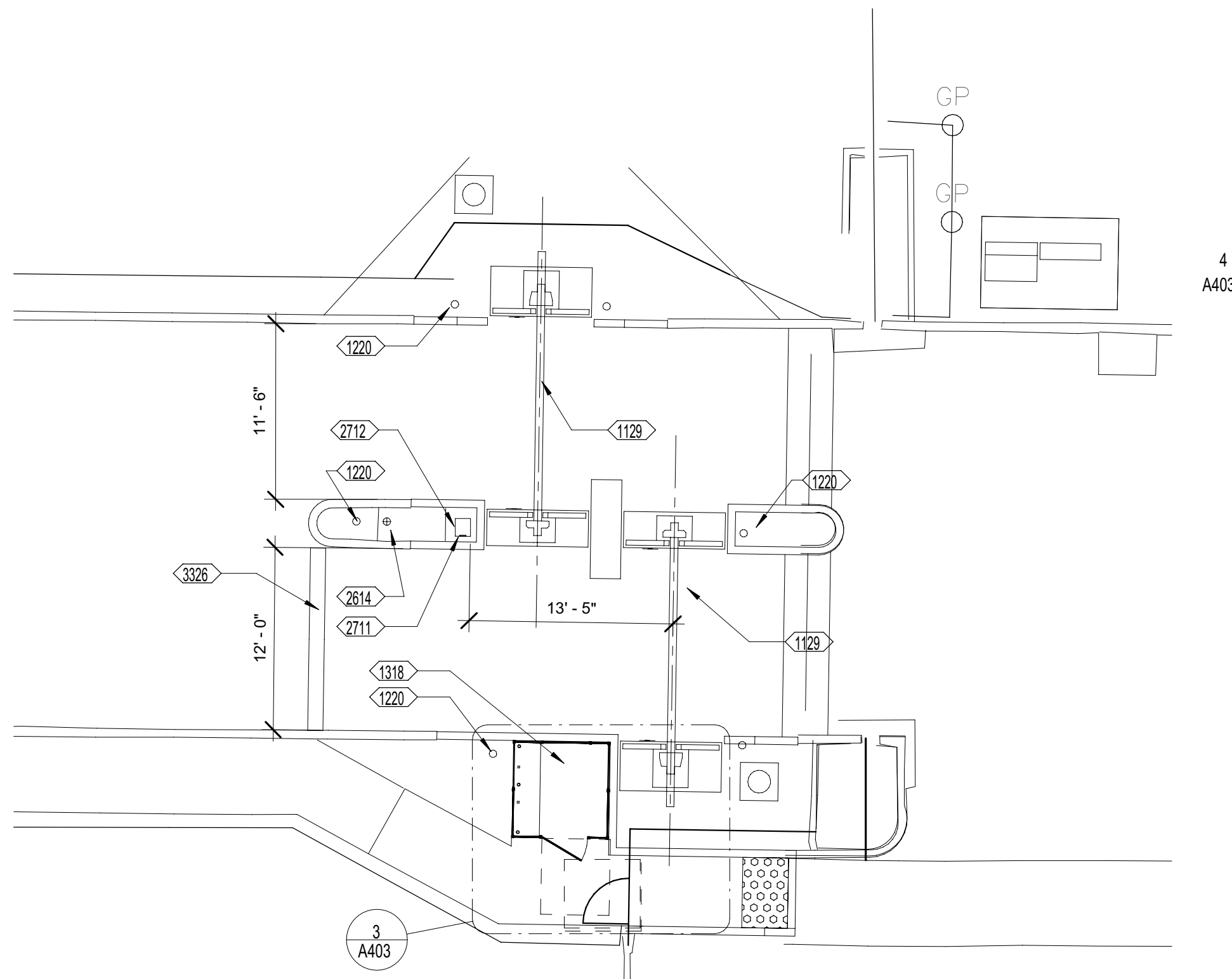
Project Number
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Sheet Scale	
	Sheet Number A105



1 SITE PLAN SCHRIEVER

1/8" = 1'-0"



2 SITE PLAN OLD PLACERVILLE

1/8" = 1'-0"

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Project
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MATHER, CA 95665
SACRAMENTO COUNTY
**OFFICE OF EMERGENCY
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Supervisor DS	Designed LQ	Drawn LQ
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR
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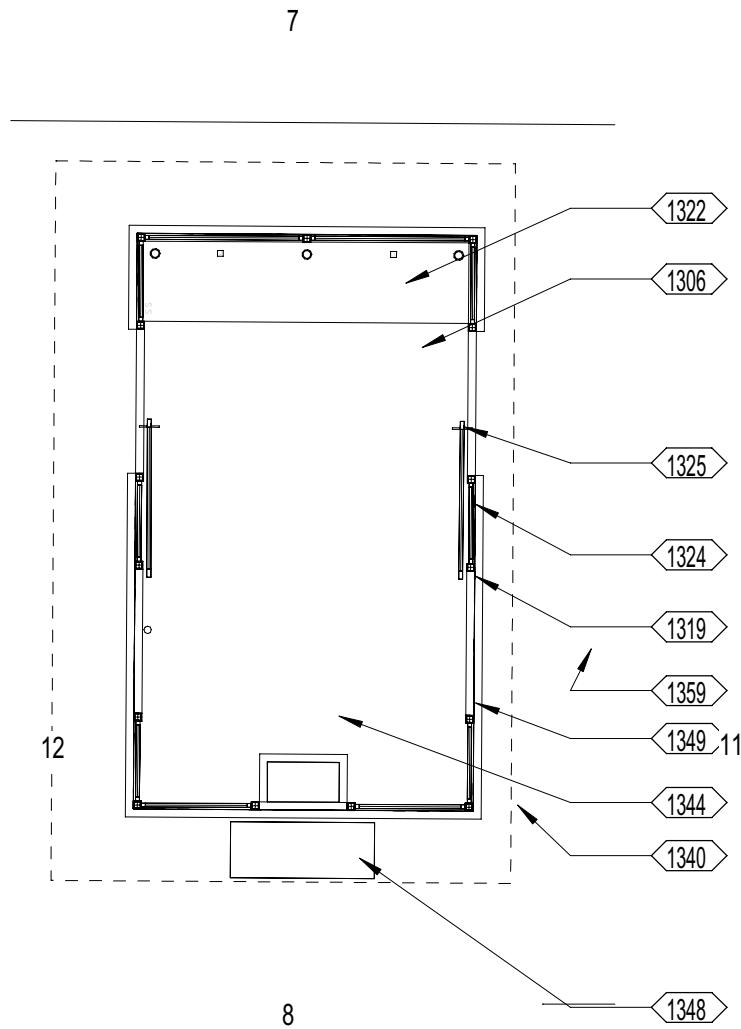
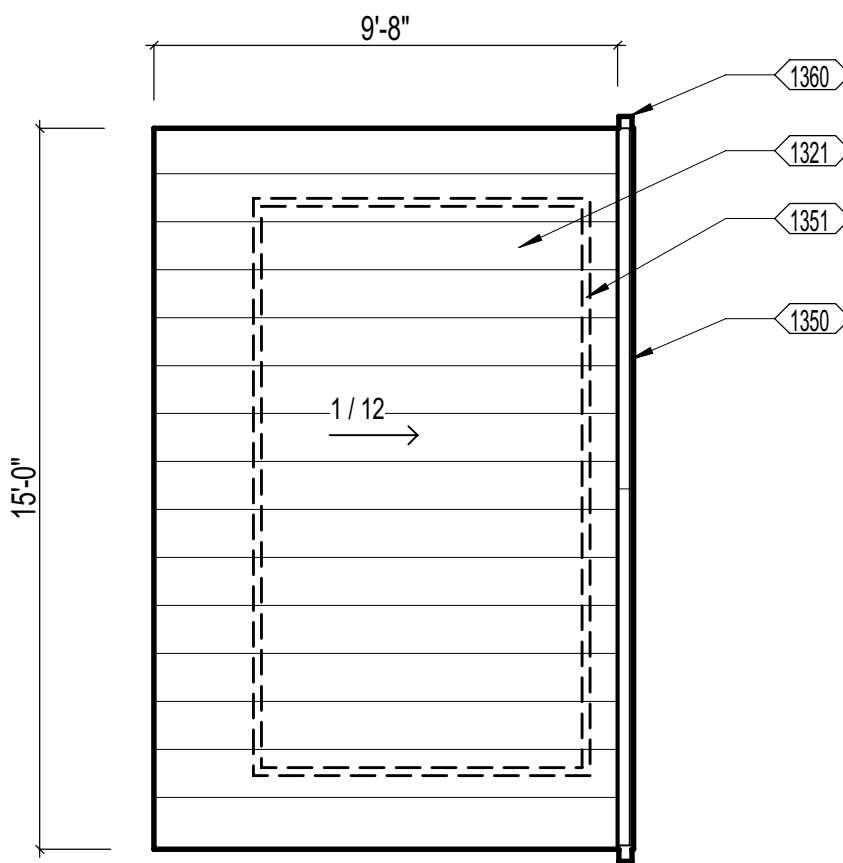
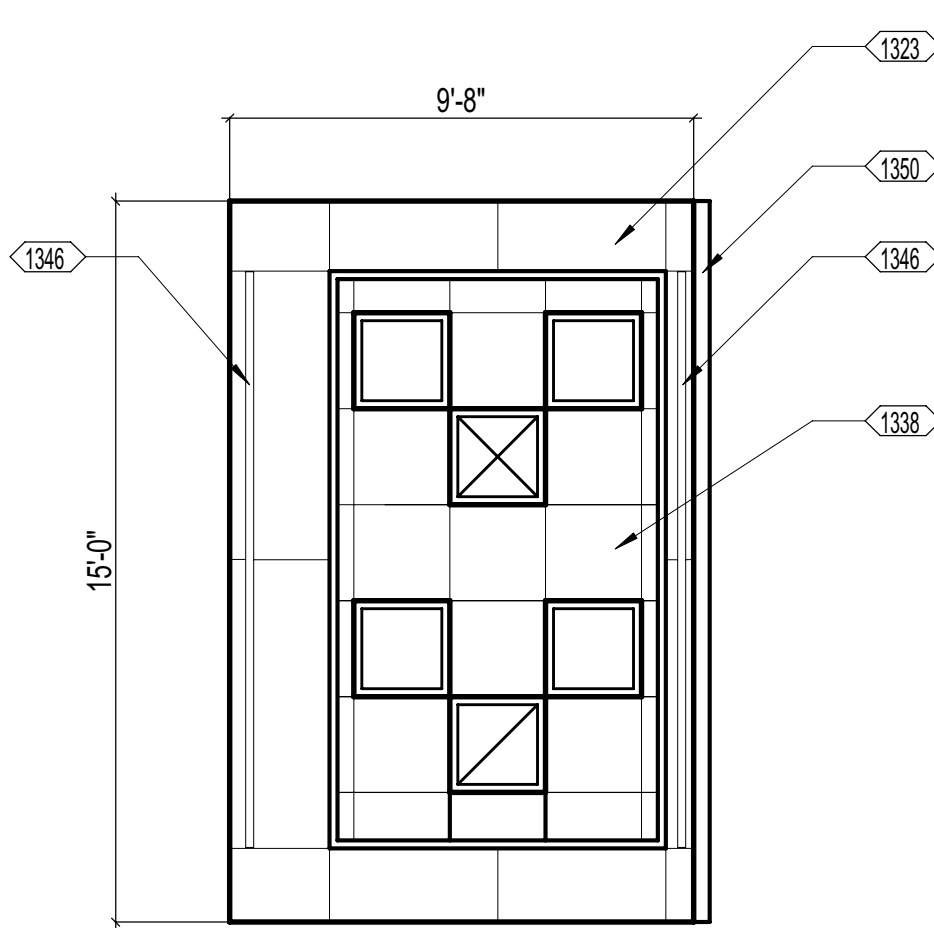
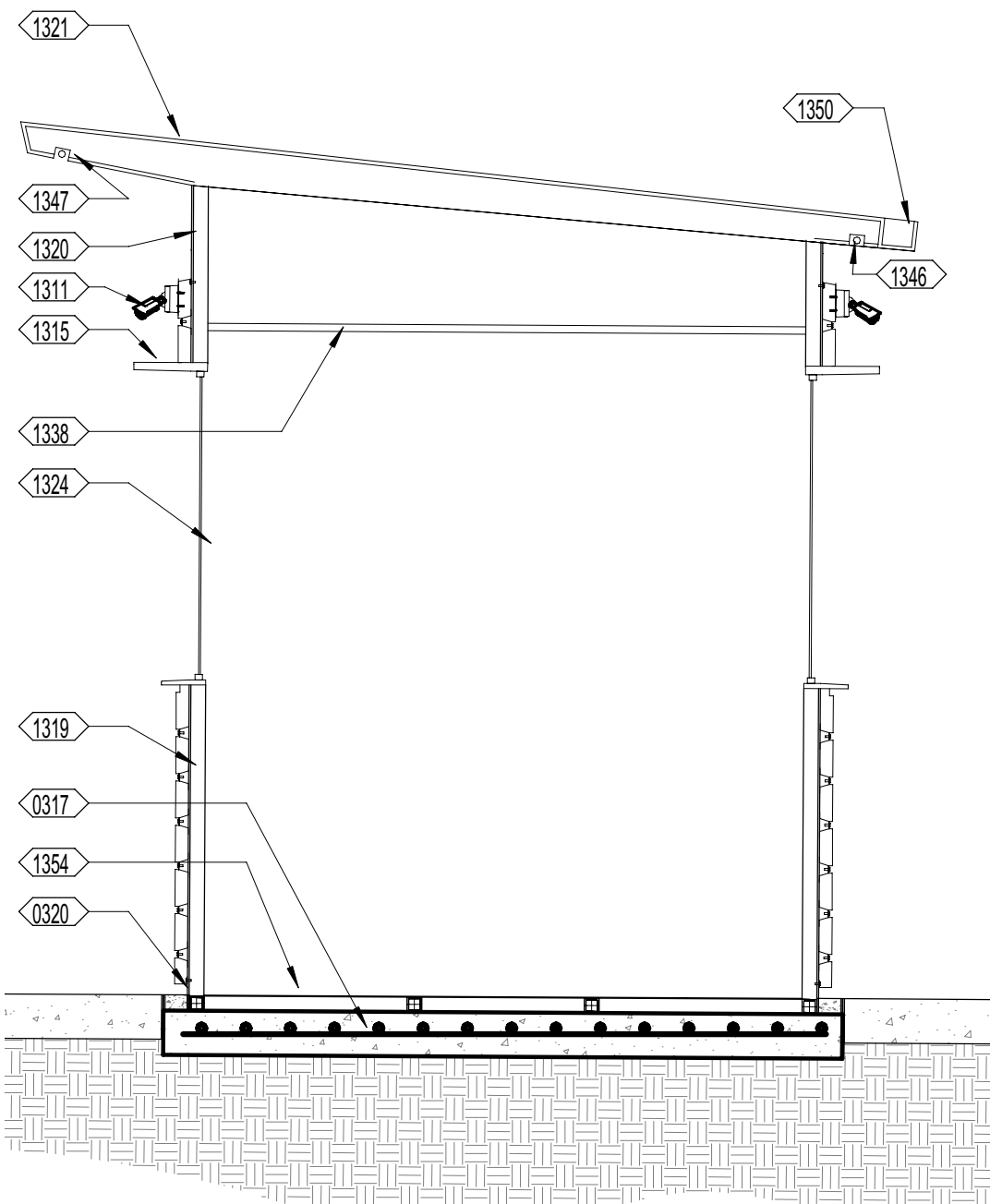
Sheet Title
**MAIN GUARD BOOTH
PLANS &
ELEVATIONS**

Project Number 00000000009324	Sheet Scale
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Reference North 	Sheet Number A401
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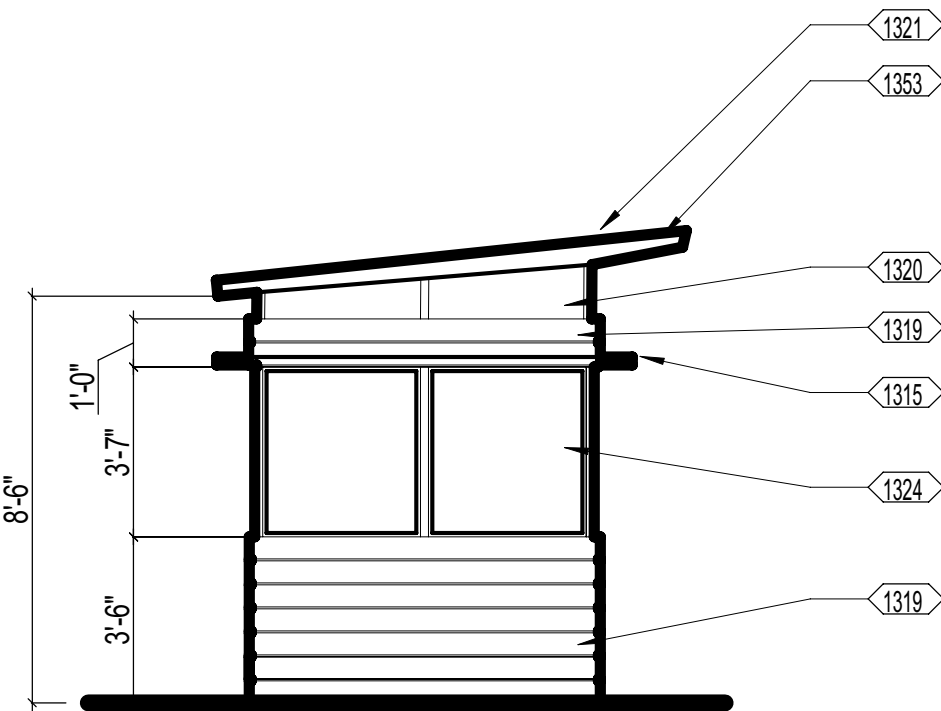
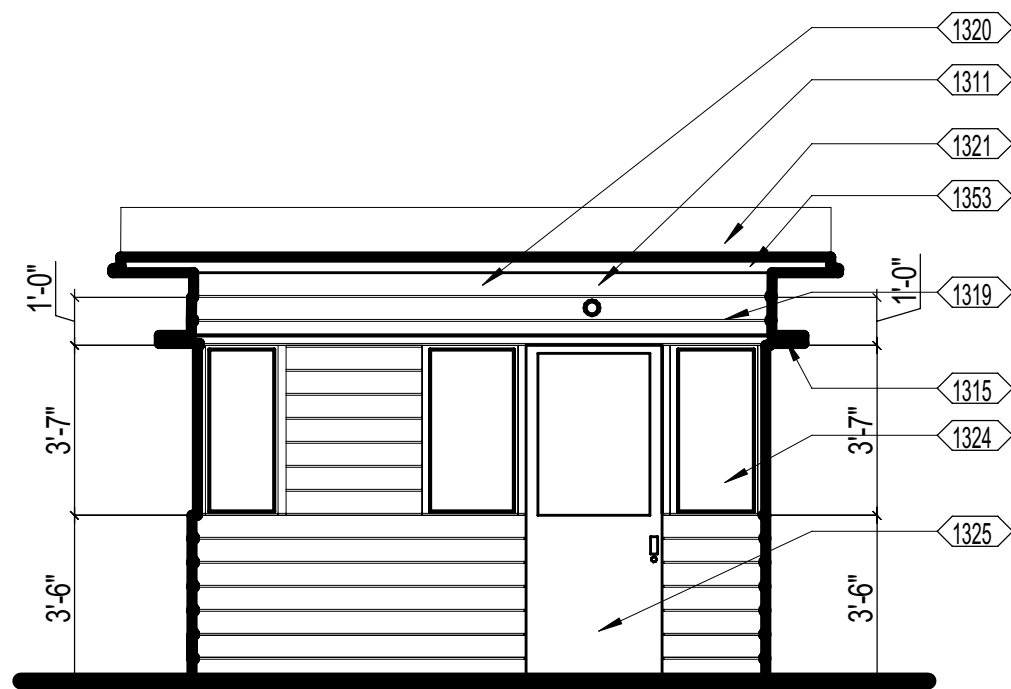
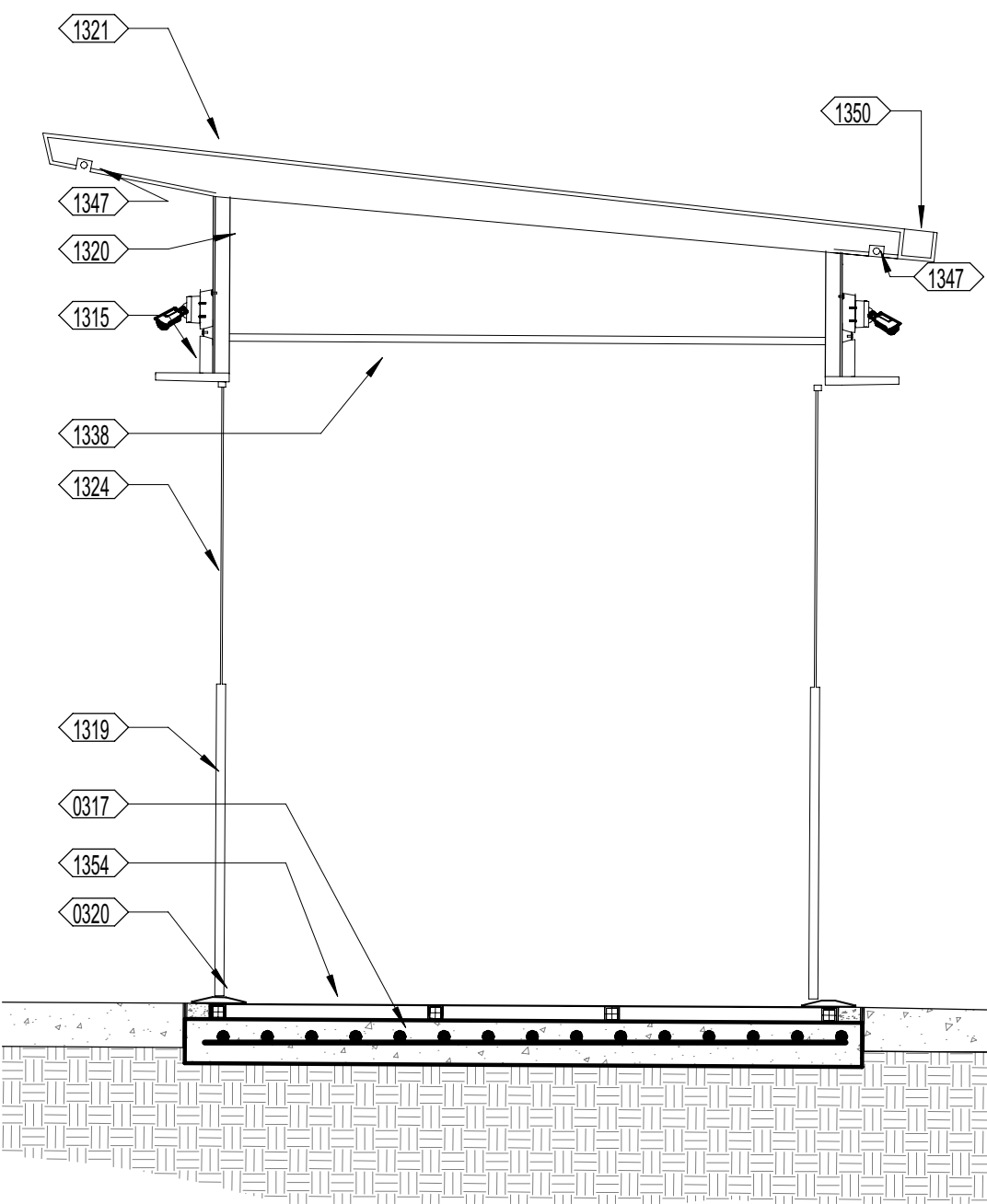
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ISSUE DATE: SEPTEMBER 4, 2025



KEYNOTES

#	KEYNOTE
0317	6" CONCRETE FOUNDATION WITH #4 REBAR MIDWAY AT 12" O.C. EACH WAY
0320	ADA WARNING STRIP REFER TO CIVIL DRAWINGS
1306	PRE-MANUFACTURED LEVEL 3 BALLISTIC RATED GUARD BOOTH BUILDING
1311	MAIN GUARD HOUSE: SECURITY CAMERA
1313	MAIN GUARD HOUSE: LEVEL 3 BALLISTIC RATED WINDOWS
1315	MAIN GUARD HOUSE: 1.5" X 9" METAL SUNSHADE PAINT COLOR 1
1319	MAIN GUARD HOUSE: 6" WIDE METAL SIDING PAINTED COLOR 1
1320	MAIN AND SECONDARY GUARD HOUSES: FLAT PANEL STEEL SIDING PAINTED COLOR 2
1321	MAIN GUARD HOUSE: 12" WIDE STANDING SEAM ROOF
1322	MAIN AND SECONDARY GUARD HOUSES: PRE-MANUFACTURED STAINLESS STEEL COUNTER WITH GROMMET HOLES
1323	MAIN GUARD HOUSE: METAL SOFFIT PANELS
1324	MAIN GUARD HOUSE: LEVEL 3 BALLISTIC RATED GLAZING SYSTEM
1325	MAIN GUARD HOUSE: LEVEL 3 BALLISTIC RATED GLAZED SLIDING DOOR SYSTEM
1338	MAIN AND SECONDARY GUARD HOUSES: 2' X 2' ACOUSTICAL CEILING TILE GRID
1340	MAIN GUARD HOUSE: LINE OF ROOF ABOVE
1343	MAIN AND SECONDARY GUARD HOUSE: 6" CONCRETE FOUNDATION
1344	MAIN AND SECONDARY GUARD HOUSE: ELECTRICAL PANEL
1345	MAIN AND SECONDARY GUARD HOUSE: 2" X 3" X 1/4" ANCHOR CLIP AT EACH CORNER, VERIFY WITH MANUFACTURER
1346	MAIN GUARD HOUSE: LINEAR LED LIGHT AT SOFFIT
1347	SECONDARY GUARD HOUSE: FASCIA MOUNTED LED LIGHT
1348	MAIN GUARD HOUSE: GROUND MOUNTED PACKAGE UNIT
1349	MAIN AND SECONDARY GUARD HOUSE: STEEL COLUMN
1350	MAIN GUARD HOUSE: CONTINUOUS GUTTER
1351	LINE OF BUILDING BELOW
1353	MAIN GUARDHOUSE FASCIA PAINT COLOR 1 ALL SIDES
1354	MAIN AND SECONDARY GUARD HOUSE: STEEL COLUMN FLOOR JOIST
1359	
1360	
1361	

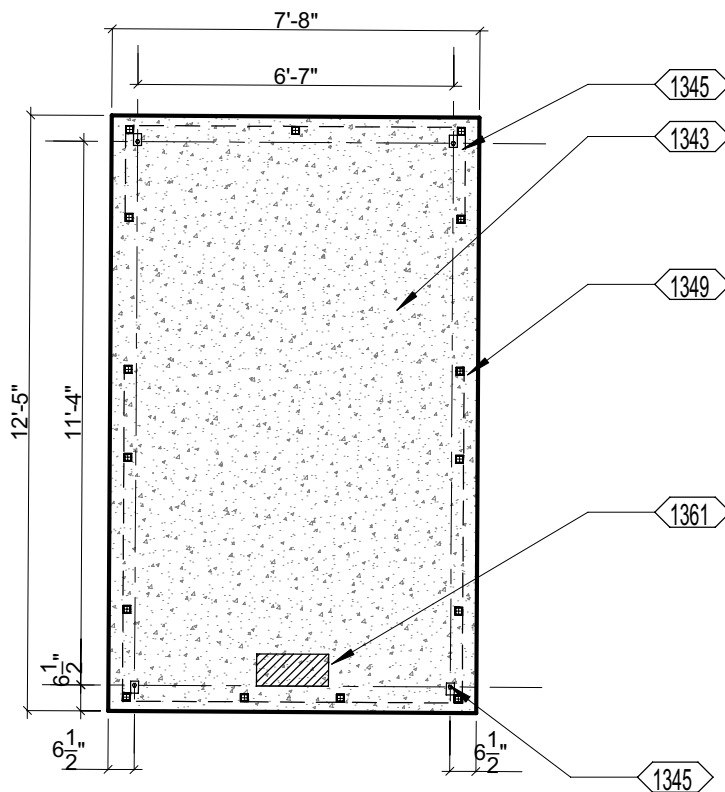
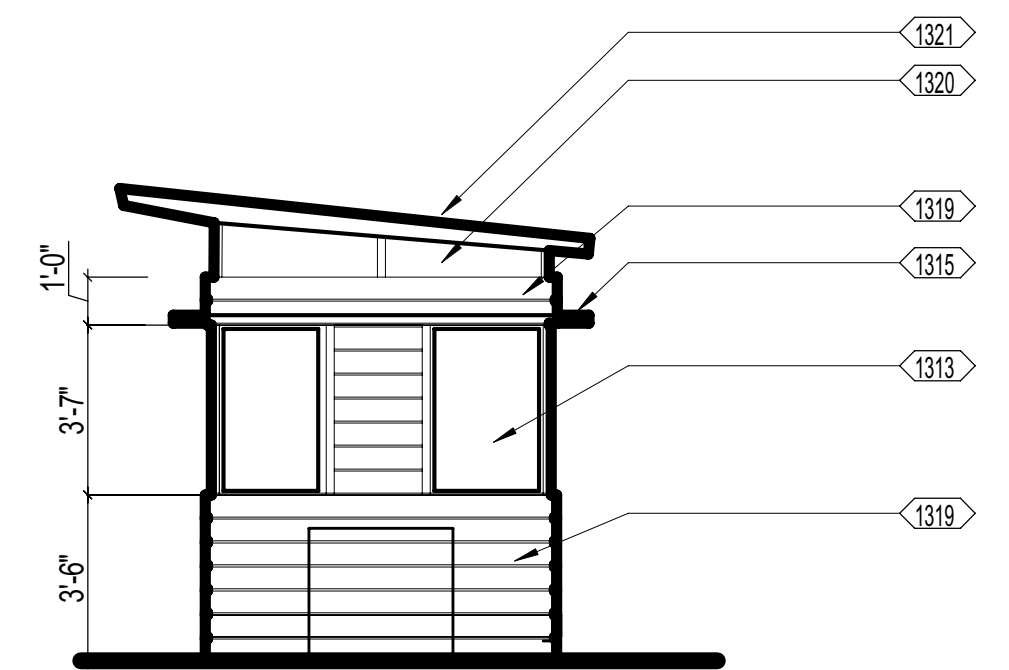
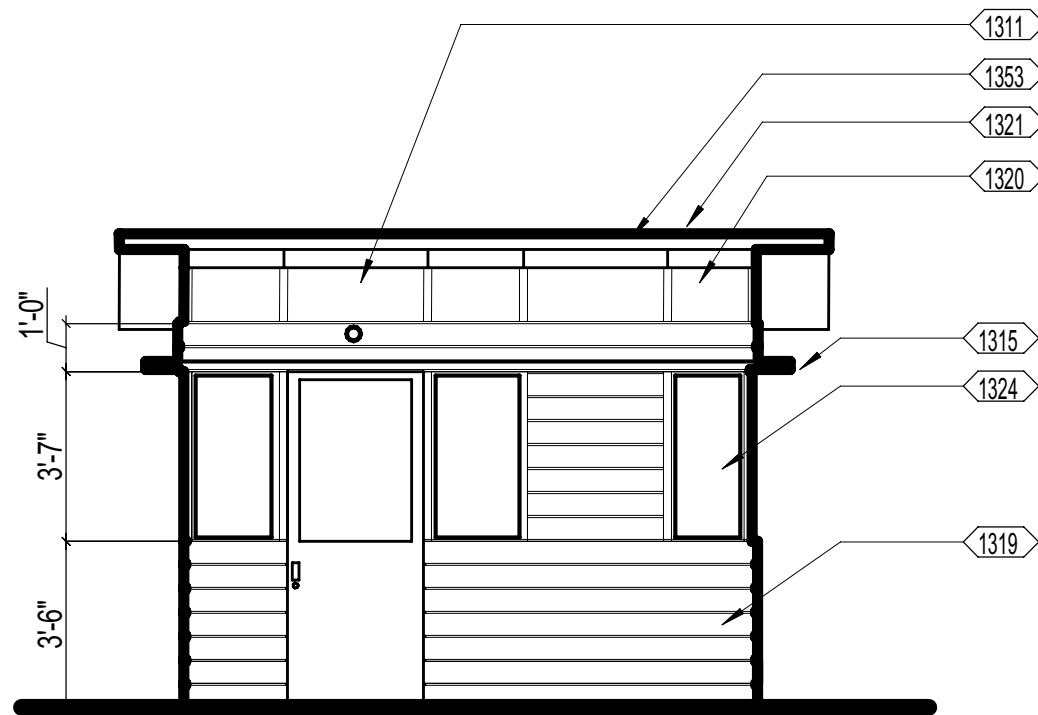


11 MAIN GATE WEST EL.

1/4" = 1'-0"

7 MAIN GATE NORTH EL.

1/4" = 1'-0"



16 SECTION 2

1/2" = 1'-0"

12 MAIN GATE EAST EL.

1/4" = 1'-0"

8 MAIN GATE SOUTH EL.

1/4" = 1'-0"

4 MAIN GATE FOUNDATION

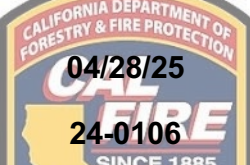
1/4" = 1'-0"

RELATIVE BORDER SCALE IN INCHES

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applicable regulations. Final approval is subject
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Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch

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West Sacramento, California 95605



Issue		
No.	Date	Description
1		

Project
**OES SECURITY
UPGRADES**
3850 SCHRIEVER AVENUE
MATHER, CA 95665
SACRAMENTO COUNTY
**OFFICE OF EMERGENCY
SERVICES**

Supervisor	Designed	Drawn
DS	LQ	LQ
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

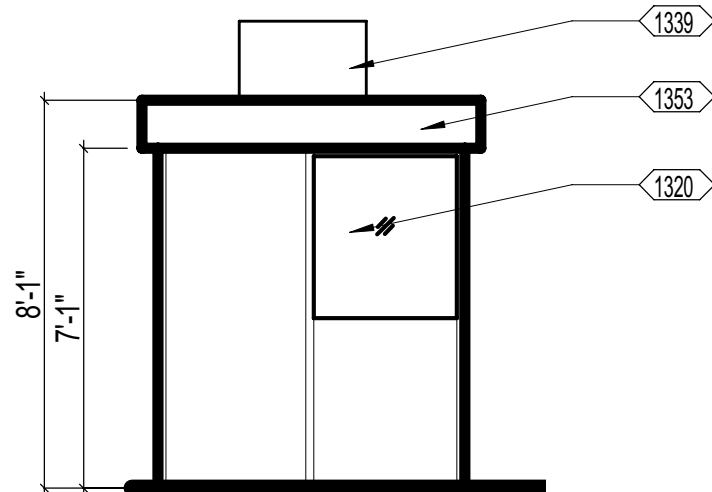
Sheet Title
**SECONDARY GUARD
HOUSE PLANS &
ELEVATIONS**

Project Number
00000000009324

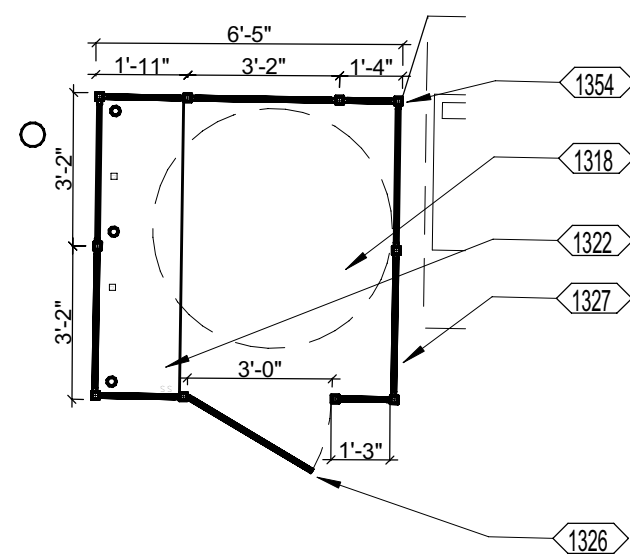
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	Sheet Number A402

RELATIVE BORDER SCALE IN INCHES

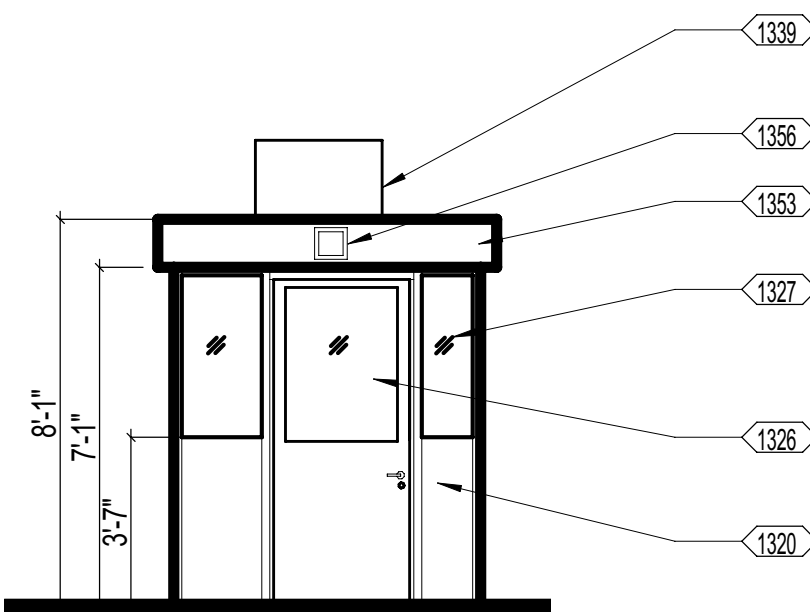
ISSUE DATE: SEPTEMBER 4, 2025



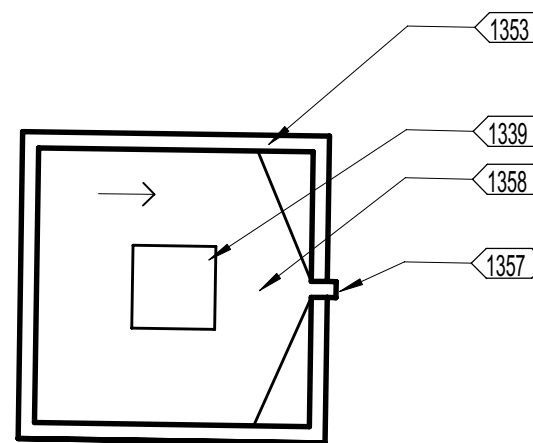
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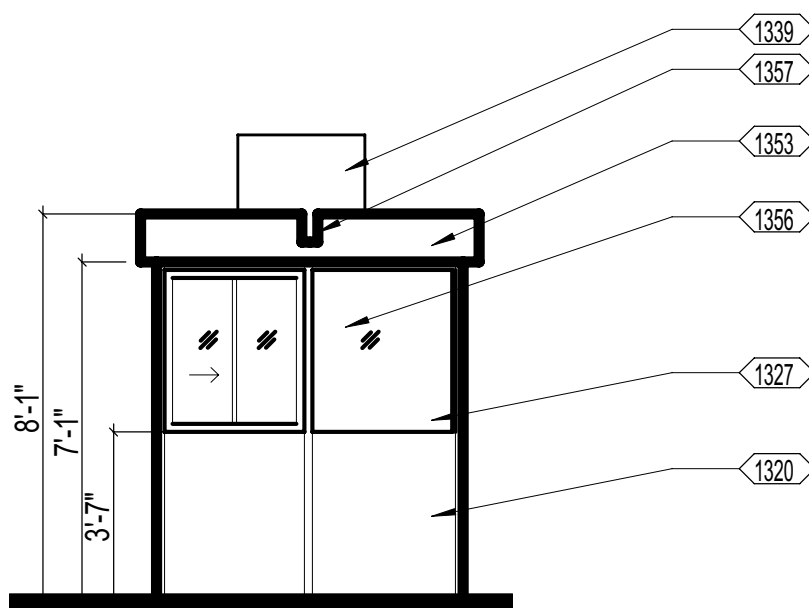
1 SECONDARY GATE PLAN 1/4" = 1'-0"



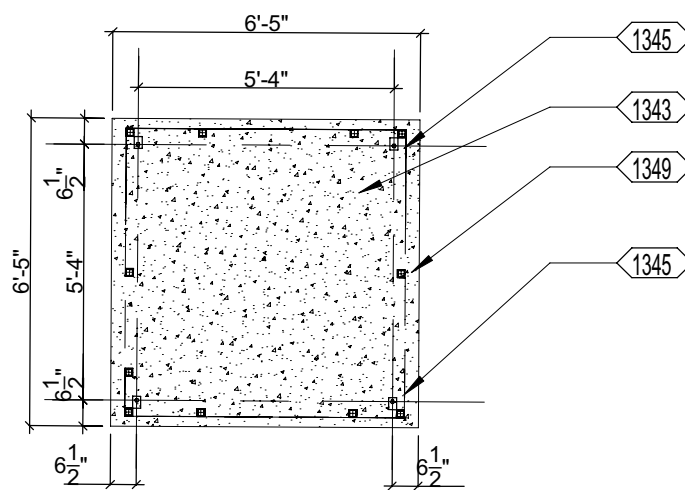
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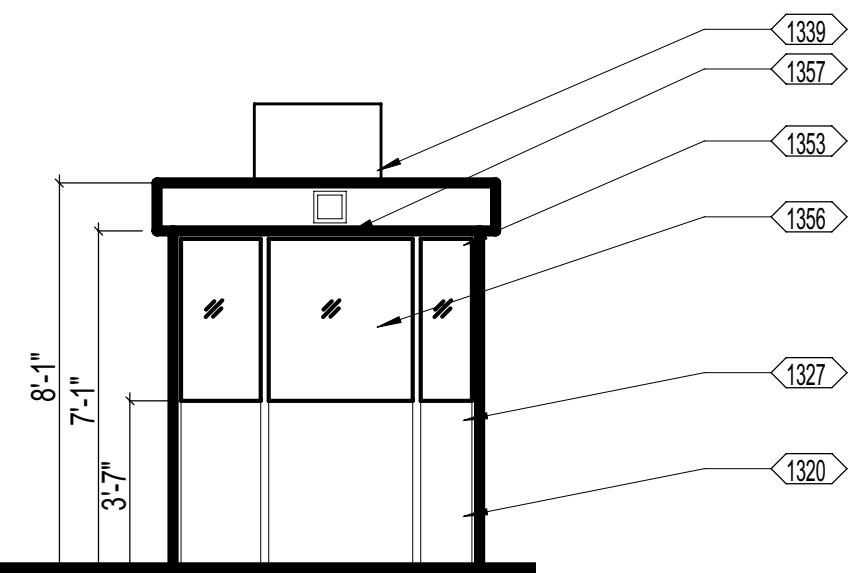
2 ROOF PLAN 1/4" = 1'-0"



6 SEC. GATE EL W 1/4" = 1'-0"



3 FOUNDATION PLAN 1/4" = 1'-0"



7 SEC. PLACER EL N 1/4" = 1'-0"

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GENERAL SERVICES

Department of General Services
Architecture & Engineering Sections

State of California

Real Estate Services Division
Project Management & Development Branch

707 Third Street, Suite 4-105
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Issue		
No.	Date	Description
1		

Project
**OES SECURITY
UPGRADES**
3850 SCHRIEVER AVENUE
MATHER, CA 95665
SACRAMENTO COUNTY
**OFFICE OF EMERGENCY
SERVICES**

Supervisor	Designed	Drawn
DS	LQ	LQ
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

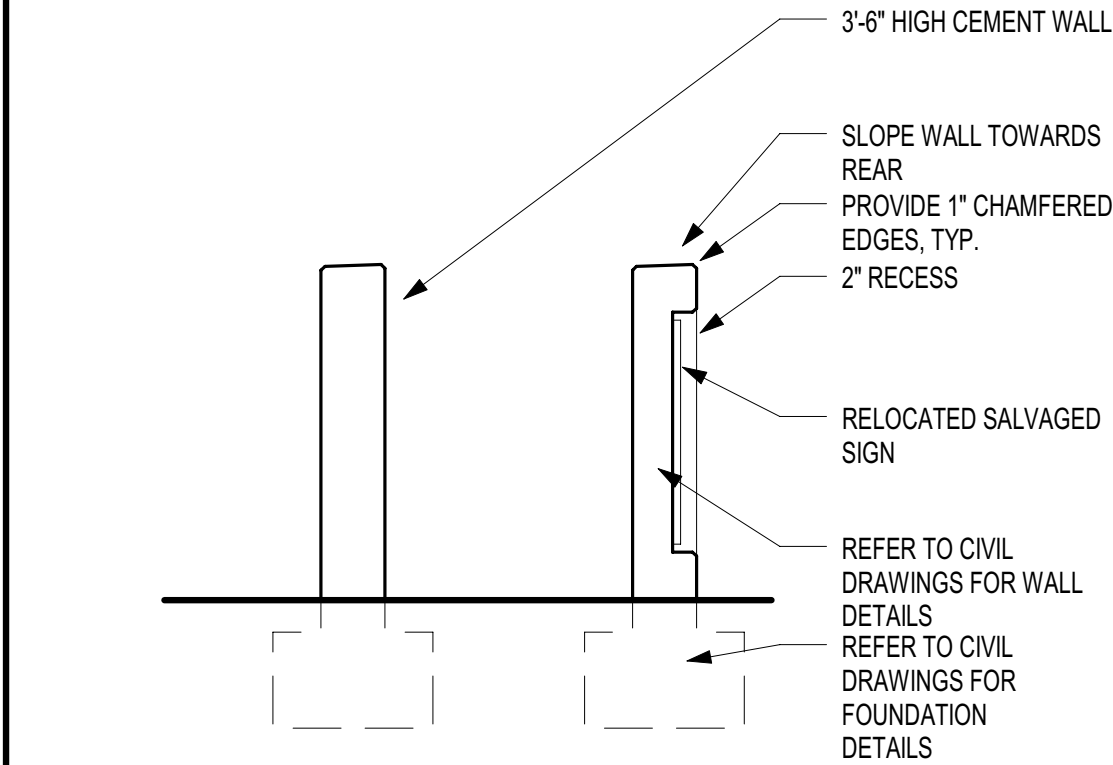
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**ENLARGED SITE
PLAN AND DETAILS**

Project Number
00000000009324

	Sheet Scale
	Sheet Number A403

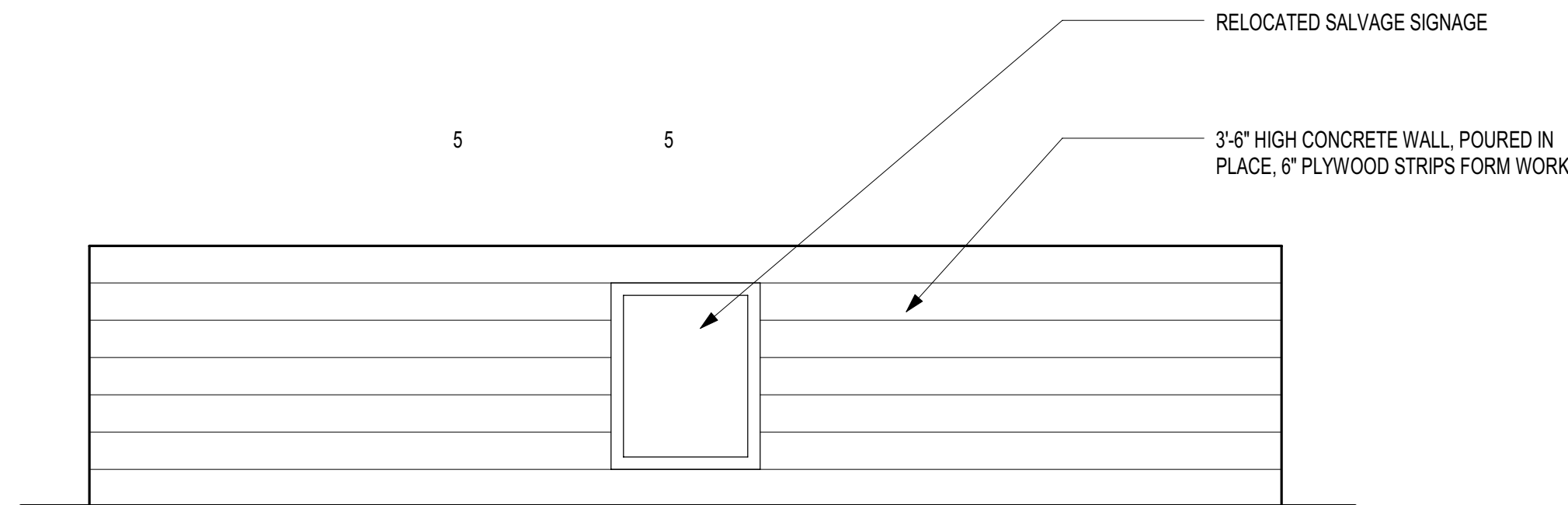
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ISSUE DATE: SEPTEMBER 4, 2025



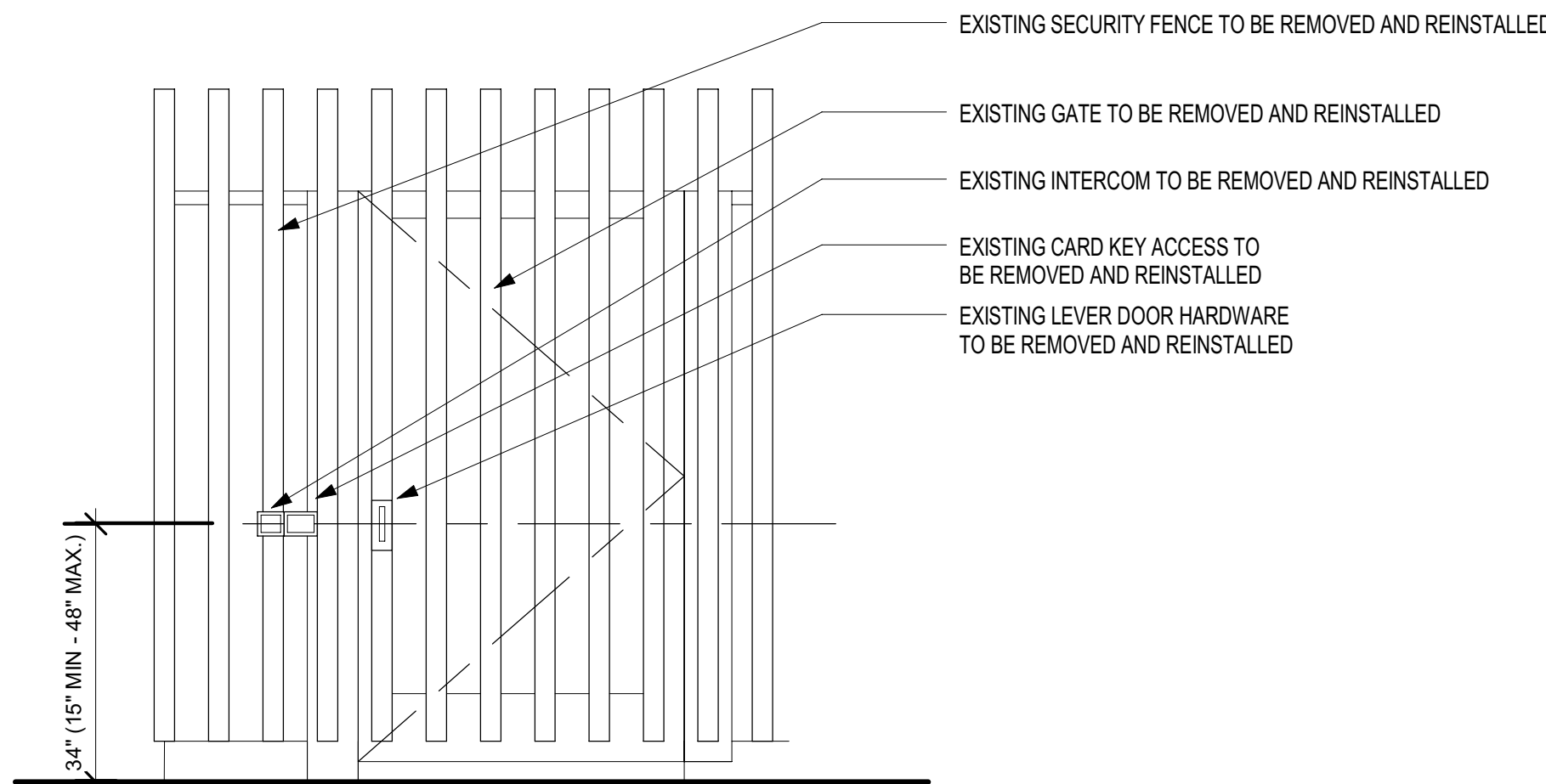
5 SITE WALL SECTION

1/2" = 1'-0"



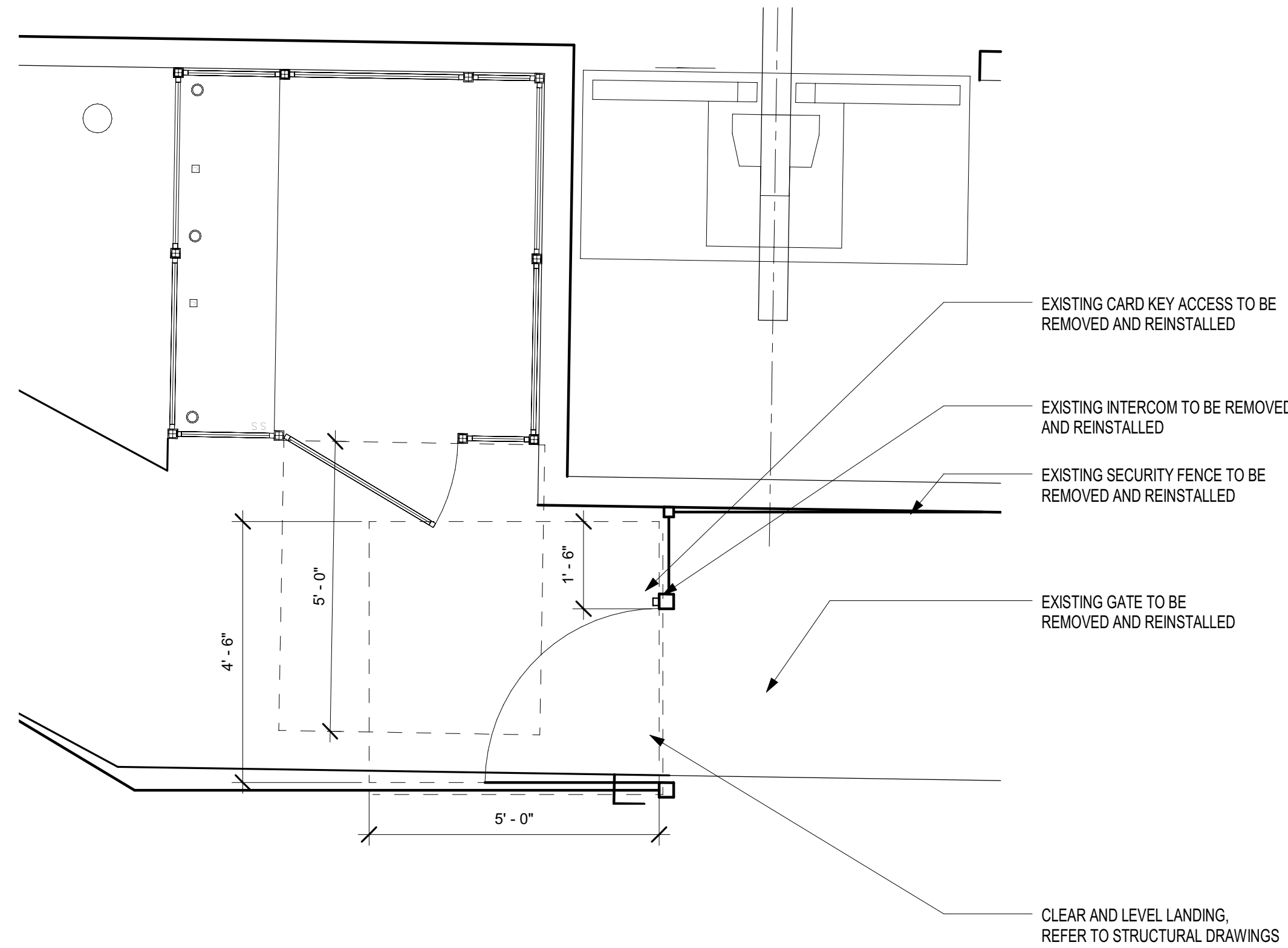
1 SITE WALL ELEVATION

1/2" = 1'-0"



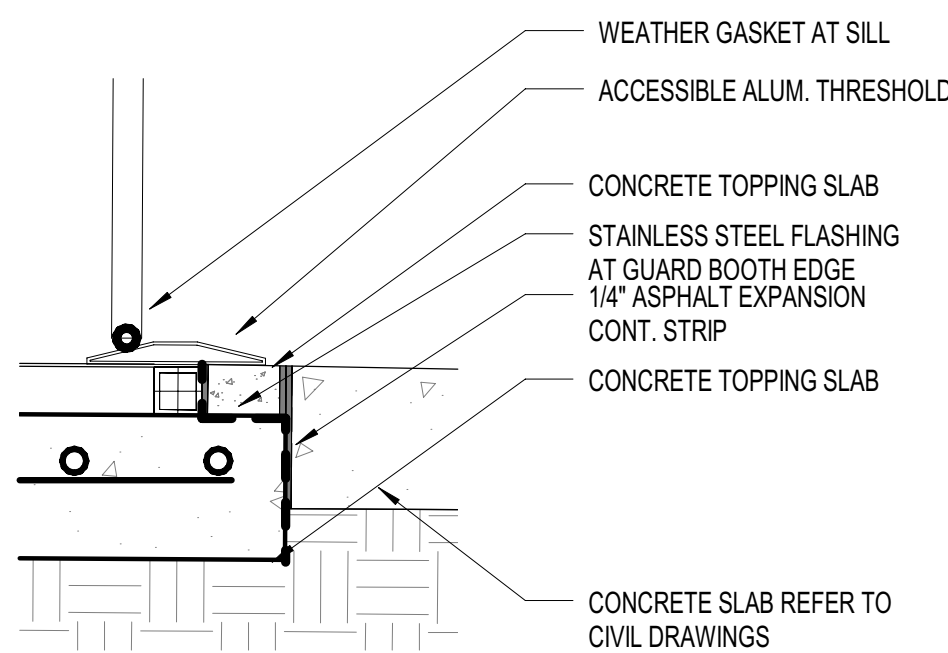
6 GATE ELEVATION

1/2" = 1'-0"



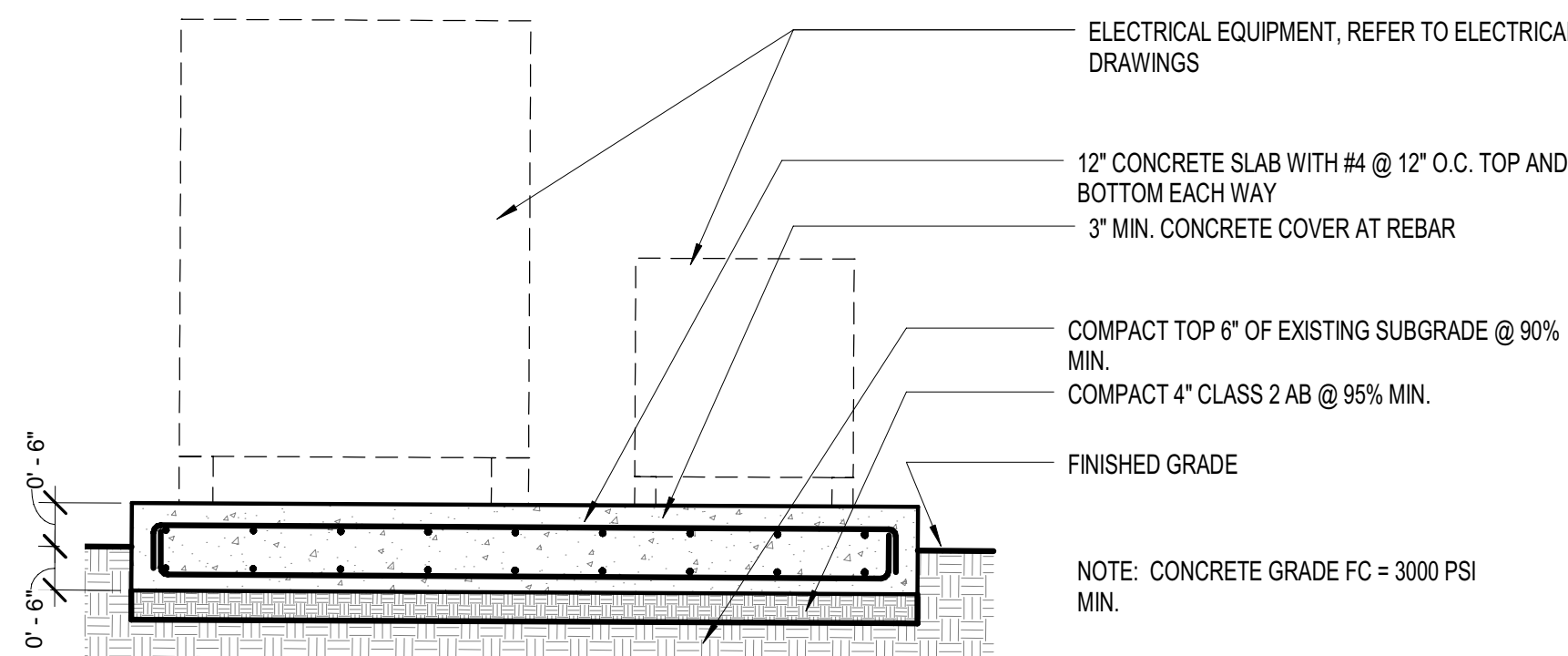
3 OLD PLACERVILLE ENLARGED GATE PLAN

1/2" = 1'-0"



7 SITE WALL THRESHOLD

1 1/2" = 1'-0"



4 SITE WALL SECTION SLAB ELEC

1/2" = 1'-0"

RELATIVE BORDER SCALE IN INCHES

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Department of General Services
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West Sacramento, California 95605



Issue No.	Date	Description
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Project
OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95665
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor DS Designed LQ Drawn LQ

DSA App No. 02-122133 SFM Permit No. 24-N-0106-C-DR

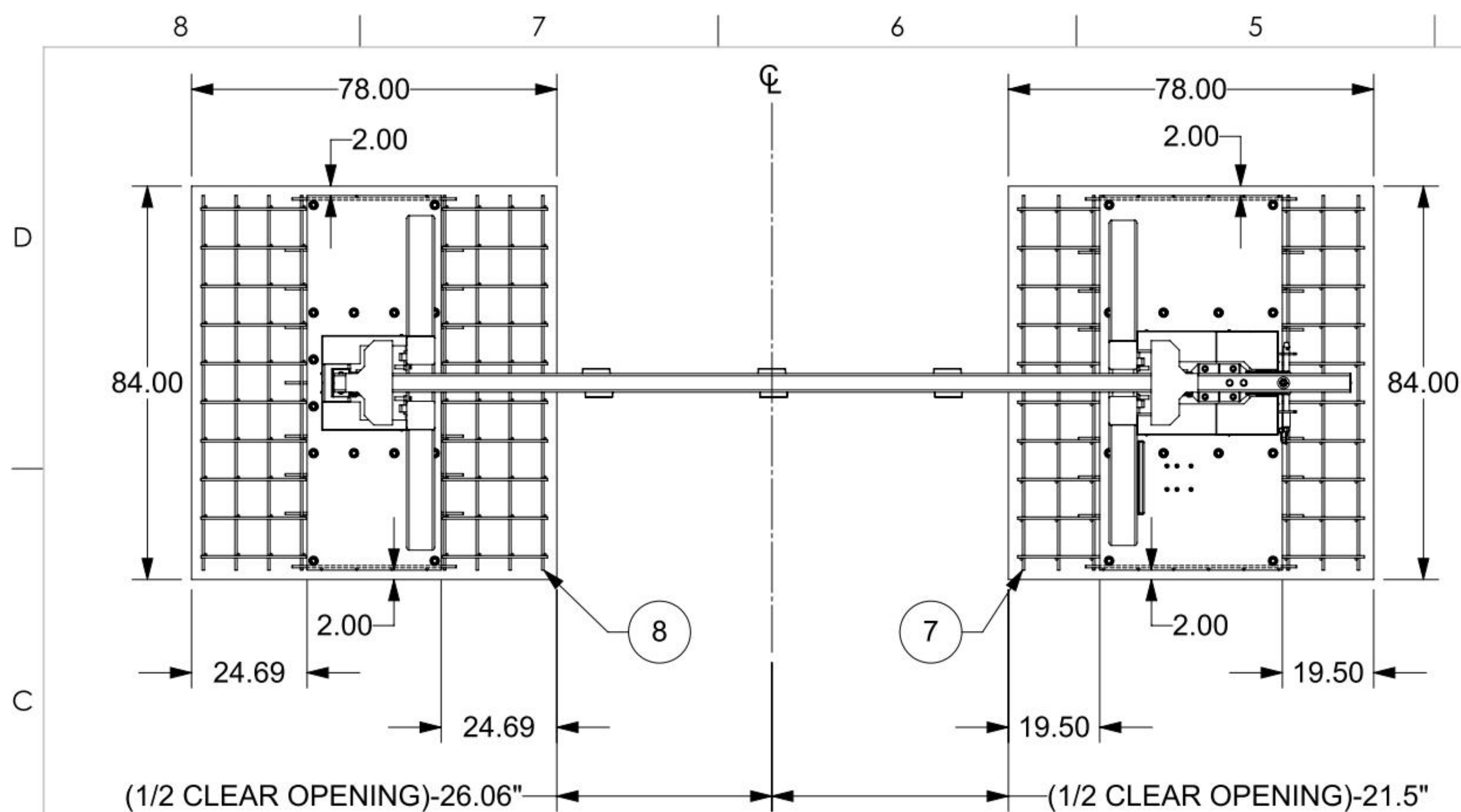
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BARRIER GATE REFERENCE DRAWING 1

Project Number
00000000009324

Sheet Scale
Sheet Number
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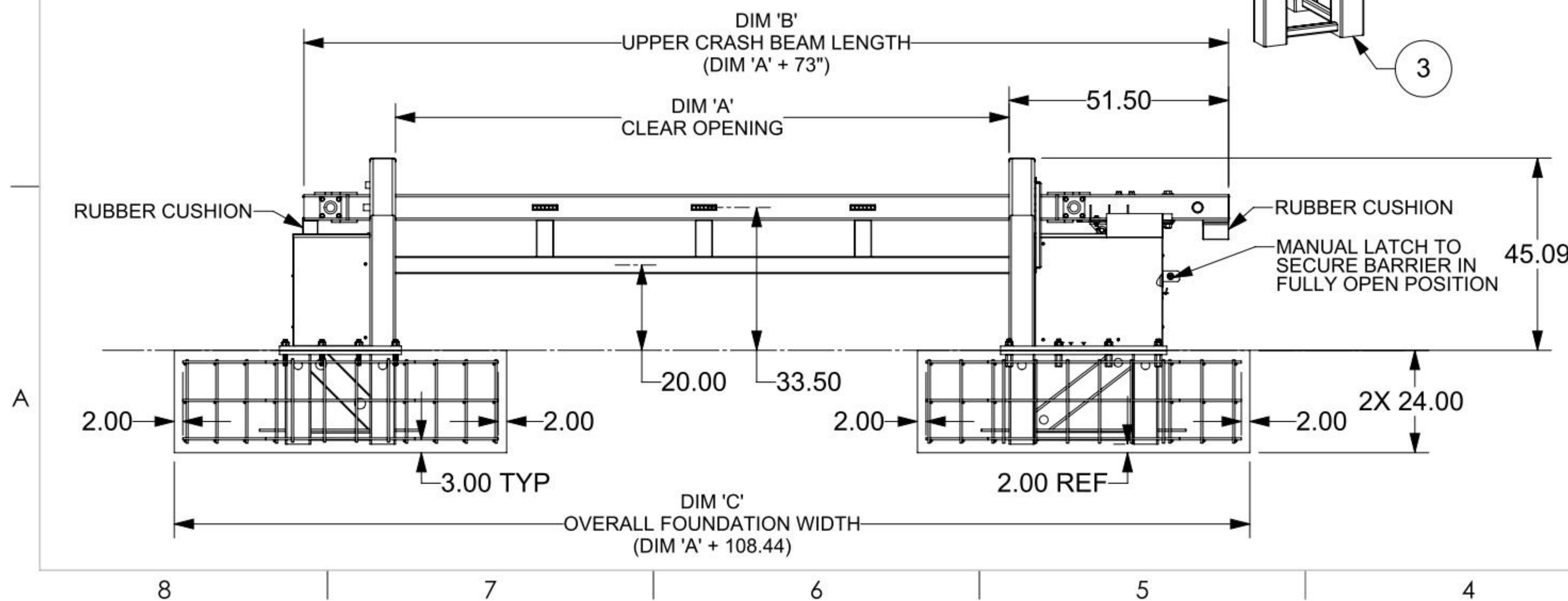
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CLEAR OPENING 'A' (FEET):	12 FT	13 FT	14 FT	15 FT	16 FT	17 FT	18 FT	19 FT	20 FT	21 FT	22 FT	23 FT	24 FT	25 FT
CLEAR OPENING 'A' (INCHES):	144 IN	156 IN	168 IN	180 IN	192 IN	204 IN	216 IN	228 IN	240 IN	252 IN	264 IN	276 IN	288 IN	300 IN
DIM 'B' (INCHES)	217 IN	229 IN	241 IN	253 IN	265 IN	277 IN	289 IN	301 IN	313 IN	325 IN	337 IN	349 IN	361 IN	373 IN
DIM 'C' (INCHES)	252.4 IN	264.4 IN	276.4 IN	288.4 IN	300.4 IN	312.4 IN	324.4 IN	336.4 IN	348.4 IN	360.4 IN	372.4 IN	384.4 IN	396.4 IN	408.4 IN
CRASH BEAM WEIGHT (POUNDS)	547 LB	573 LB	596 LB	618 LB	645 LB	667 LB	689 LB	716 LB	738 LB	761 LB	787 LB	809 LB	832 LB	854 LB

TABLE 1

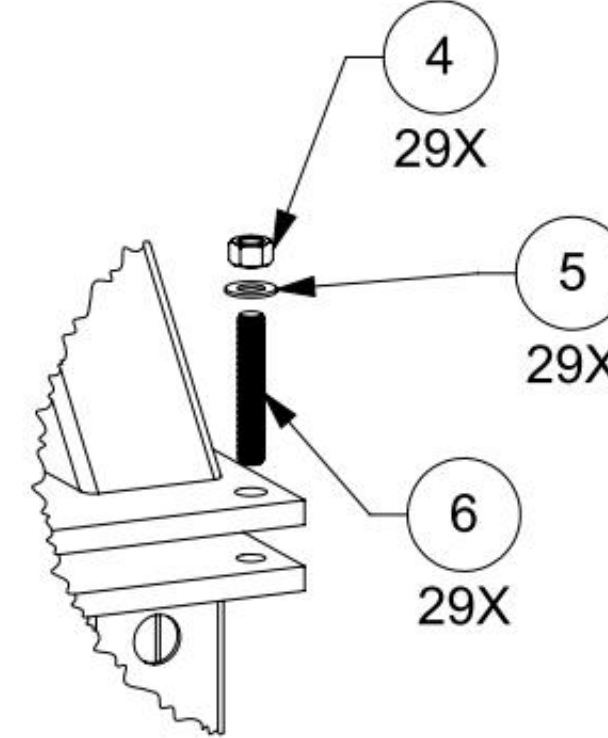
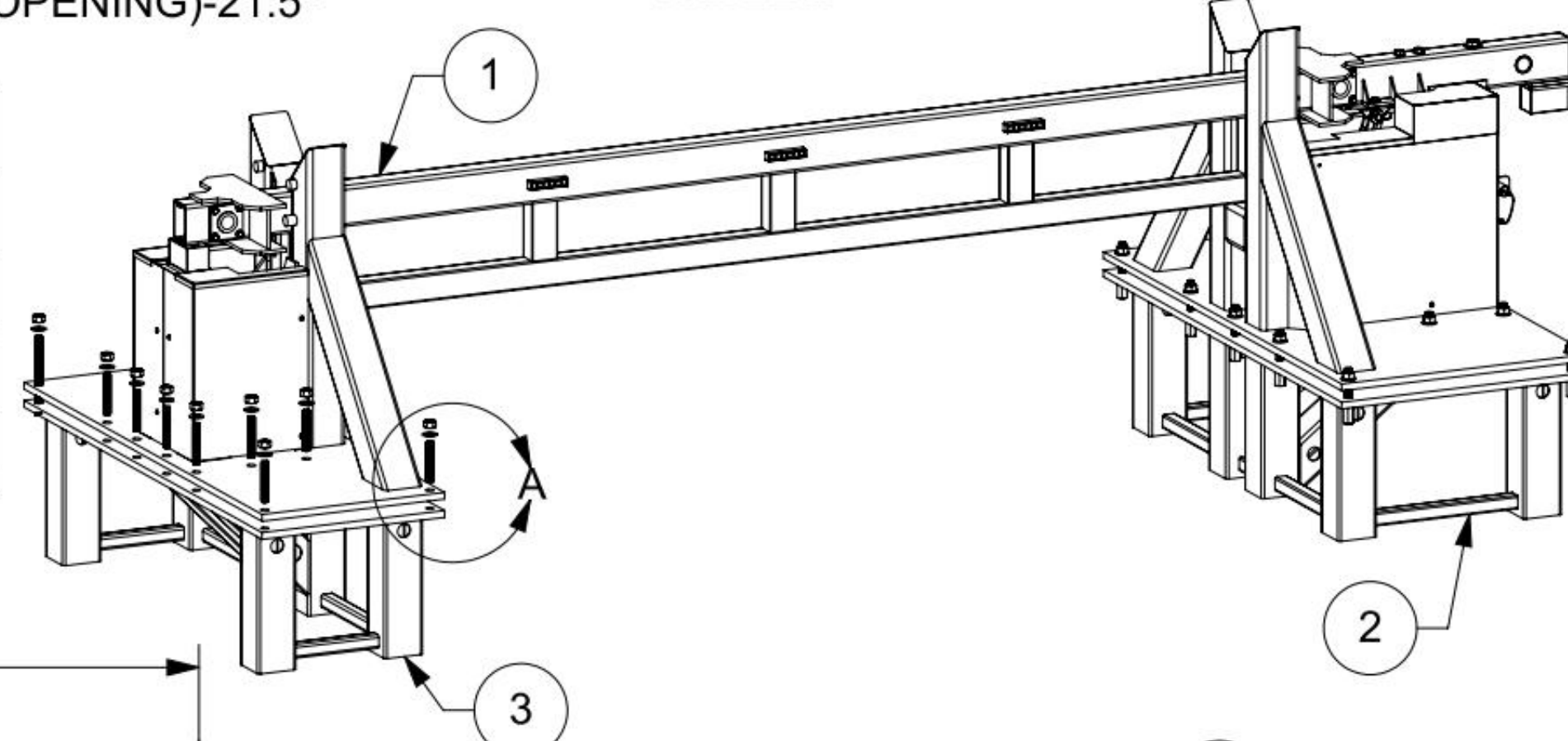


OPTIONS	PART NO.
LED FLASHING LIGHTS PACKAGE	B4090
CYLINDER HEATER	B4010
FULLY DOWN / UP LIMIT SWITCHES	B2020 / B2021

TABLE 3

ITEM	WEIGHT
UPPER HINGE BUTTRESS	1450 LB
UPPER RECEIVING BUTTRESS	1150 LB

TABLE 2



DETAIL A
SCALE 1:6

CONCRETE NOTES & RECOMMENDED SPECIFICATIONS:

- CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE.
- FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS, PROVIDED THE SIDES OF THE EXCAVATION ARE STABLE. WHERE CAVING OCCURS, PROVIDE SHORING. TYPE AND METHOD OF SHORING SHALL BE AT CONTRACTOR'S OPTION.
- THE EXCAVATION SHALL BE KEPT DRY AT ALL TIMES. GROUND WATER, IF ENCOUNTERED, SHALL BE PUMPED FROM THE EXCAVATION.
- CONCRETE SHALL BE LABORATORY DESIGNED, MACHINE MIXED, PRODUCING 3,000 PSI (20,68 MPa) AT 28 DAYS.
- CEMENT SHALL BE TESTED PORTLAND CEMENT CONFORMING TO ASTM C150, TYPE II ONLY.
- AGGREGATES SHALL CONFORM TO ASTM C33 & B GRADE PER STANDARD SPECIFICATIONS. MAXIMUM SIZE OF AGGREGATE SHALL BE 1-1/2 INCHES (38mm).
- REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60 (60,000 PSI OR 413.7MPa).
- HOOKS AND BENDS SHALL CONFORM TO ACI STANDARD 318, LATEST REVISION. INSIDE DIAMETER OFF HOOKS AND BENDS SHALL BE AT LEAST SIX (6) BAR DIAMETERS.
- PROVIDE SPACER BARS, CHAIRS, SPREADERS, BLOCKS, ETC. AS REQUIRED TO POSITIVELY HOLD THE STEEL IN PLACE BEFORE CONCRETE IS POURED.
- CONCRETE SHALL BE CONVEYED FROM THE MIXER TO FINAL DEPOSIT BY METHODS THAT WILL PREVENT SEPARATION OR LOSS OF MATERIALS.
- CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY SUITABLE MEANS DURING PLACEMENT AND SHALL BE THOROUGHLY WORKED AROUND REINFORCEMENT AND EMBEDDED FIXTURES AND CORNERS OF FORMS.
- CONCRETE SHALL BE MAINTAINED ABOVE 50°F (10°C) AND IN A MOIST CONDITION FOR AT LEAST SEVEN (7) DAYS AFTER PLACEMENT. ADEQUATE EQUIPMENT SHALL BE PROVIDED FOR HEATING CONCRETE MATERIALS AND PROTECTING CONCRETE DURING FREEZING OR NEAR FREEZING WEATHER.
- WHERE EXTERIOR WALL FACE REQUIRES SHORING AND/OR FORMING, THE FORMS SHALL BE SUBSTANTIAL AND SUFFICIENTLY TIGHT TO PREVENT LEAKAGE. FORMS SHALL NOT BE REMOVED UNTIL THE CONCRETE IS SEVEN (7) DAYS OLD.
- BACKFILLING SHALL BE DONE BY DEPOSITING AND TAMPING INTO PLACE CLEAN SAND OR POURING LEAN CONCRETE, TO 95% COMPACTION. WATER JETTING SHALL NOT BE ALLOWED.
- CONDUITS AND PIPES OF ALUMINUM SHALL NOT BE ALLOWED.
- CONSTRUCTION JOINTS NOT INDICATED ON THE DRAWINGS SHALL NOT BE ALLOWED. WHERE A CONSTRUCTION JOINT IS TO BE MADE, THE SURFACE OF THE CONCRETE SHALL BE THOROUGHLY CLEANED AND ALL LAITANCE AND STANDING WATER REMOVED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT AREAS AGAINST DAMAGE AND SHALL REPAIR OR PATCH ALL DAMAGED AREAS TO MATCH EXISTING IMPROVEMENTS.
- CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA CLEAN AT ALL TIMES AND AT COMPLETION OF WORK, REMOVE ALL SURPLUS MATERIALS, EQUIPMENT AND DEBRIS AND LEAVE THE PREMISES IN A CLEAN CONDITION ACCEPTABLE TO THE OWNER OR OWNER'S REPRESENTATIVE.

REV.	DESCRIPTION	DRWN BY	DATE	APPRD BY	DATE
A	ECO 2018-104	AWL	10/30/2019		
B	ECO 2020-006	AWL	1/29/2020		
C	ECO 2020-32	MO	4/1/2020		
D	ECO 2020-074	AWL	7/6/2020		
E	ECO 2020-125	MO	7/1/2020		

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES.

TOLERANCES:
X = ± .000FT
XX = ± .000FT
XXX = ± .010FT
ANGLES = ± °

SURFACE FINISH
V2

REMOVE ALL BURRS AND BREAK SHARP EDGES .02 MAX.

DELTA SCIENTIFIC CORPORATION
40005 DELTA LANE
PALMDALE, CA 93551 U.S.A.
(805) 575-1000 FAX (805) 575-1109

DSC7090 M30 BOLT DOWN
GENERAL ARRANGEMENT / FOUNDATION SPEC

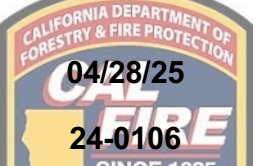
DRWN BY DATE 9/13/2019
CHD BY DATE
APPR BY DATE

DRAWING NO. 15718
SCALE: 1:18
SHEET 1 OF 3

BARRIER GATES DESIGN CALCULATIONS AND PLANS SHALL BE PREPARED, STAMPED AND SEALED BY A CALIFORNIA STATE REGISTERED CIVIL / STRUCTURAL ENGINEER AND SUBMITTED FOR THE STATE REVIEW AND APPROVAL PRIOR TO FABRICATION.

RELATIVE BORDER SCALE IN INCHES

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Department of General Services
Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch
707 Third Street, Suite 4-105
West Sacramento, California 95605



Issue		
No.	Date	Description
1		

Project
**OES SECURITY
UPGRADES**
3850 SCHRIEVER AVENUE
MATHER, CA 95665
SACRAMENTO COUNTY
**OFFICE OF EMERGENCY
SERVICES**

Supervisor DS	Designed LQ	Drawn LQ
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR
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Sheet Title
**BARRIER GATE
REFERENCE
DRAWING 2**

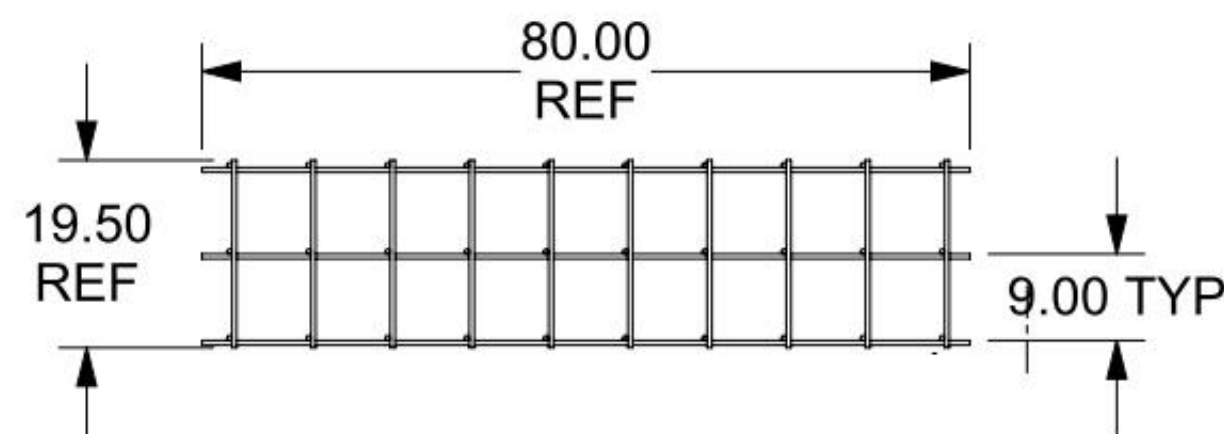
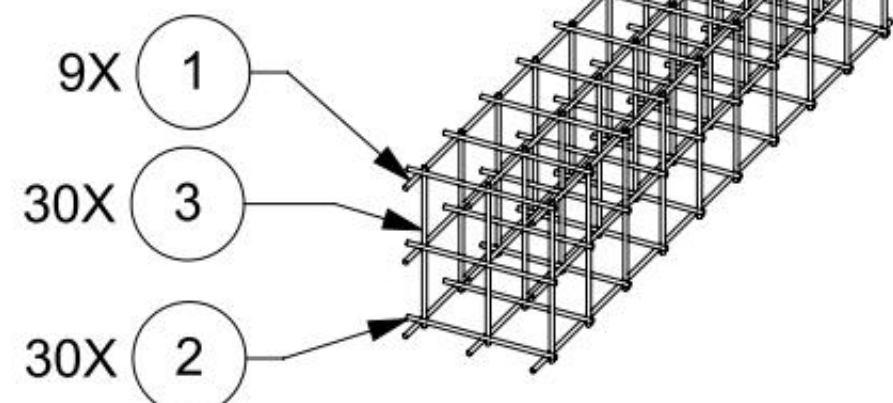
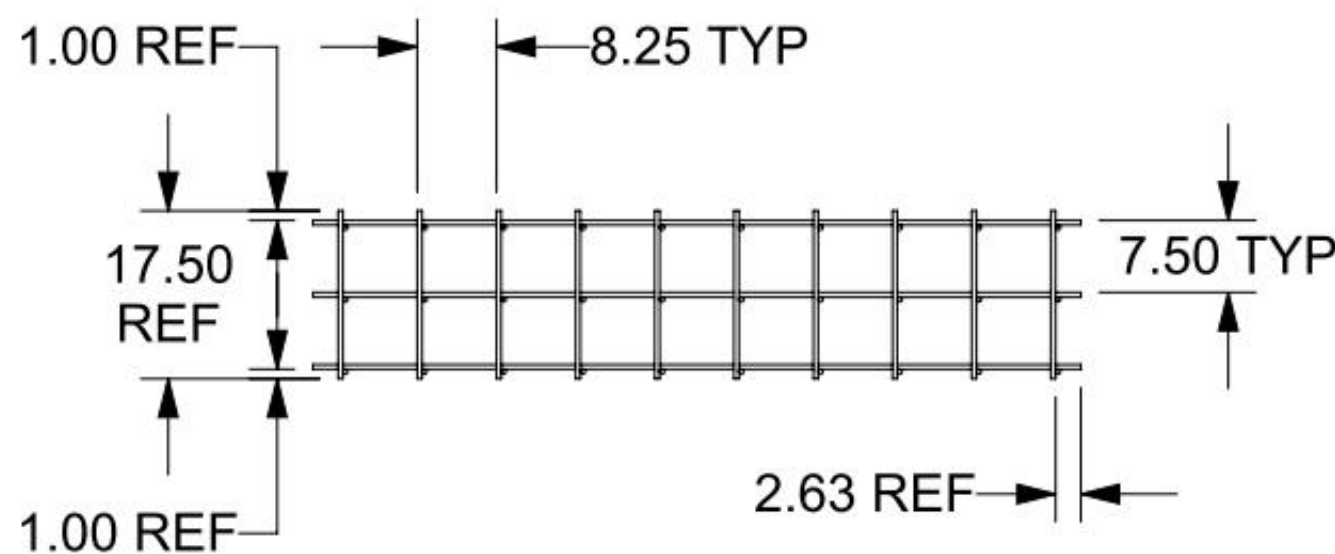
Project Number
00000000009324

	Sheet Scale
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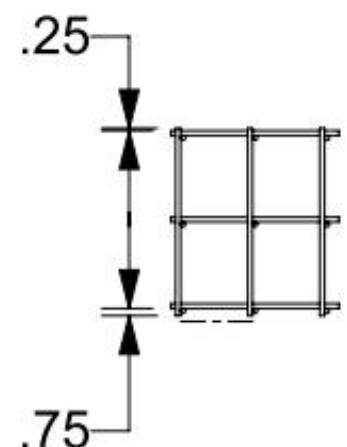
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ISSUE DATE: SEPTEMBER 4, 2025

ITEM	QTY	DESCRIPTION/MATERIAL	CUT/ SHEAR	CUT-L	ENDCUT	WT EA
1	9	1/2" REBAR	CUT	80.00	90/90	4.45
2	30	1/2" REBAR	CUT	17.50	90/90	0.97
3	30	1/2" REBAR	CUT	19.50	90/90	1.09

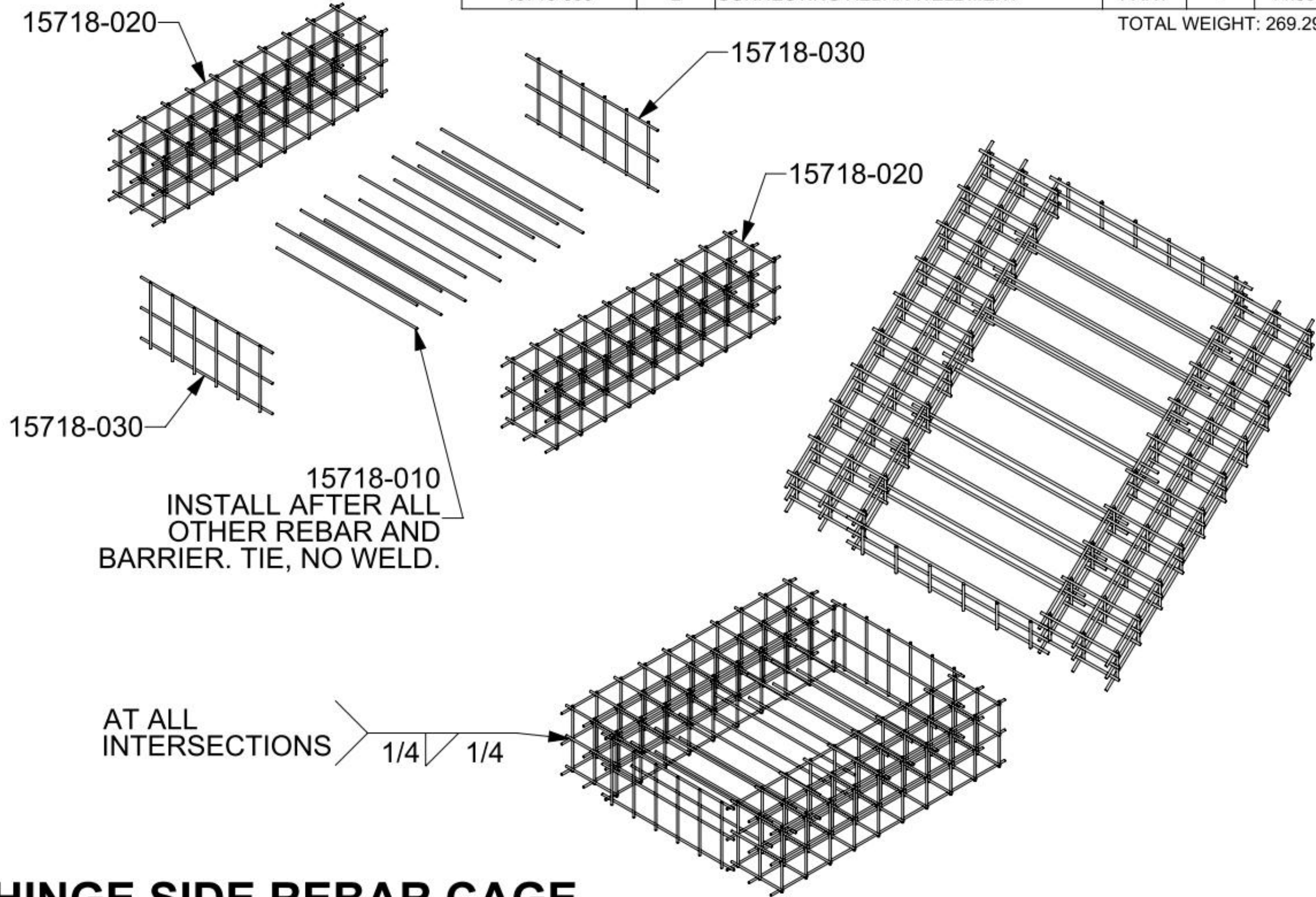


**15718-020
LARGE SECTION
REBAR WELDMENT**



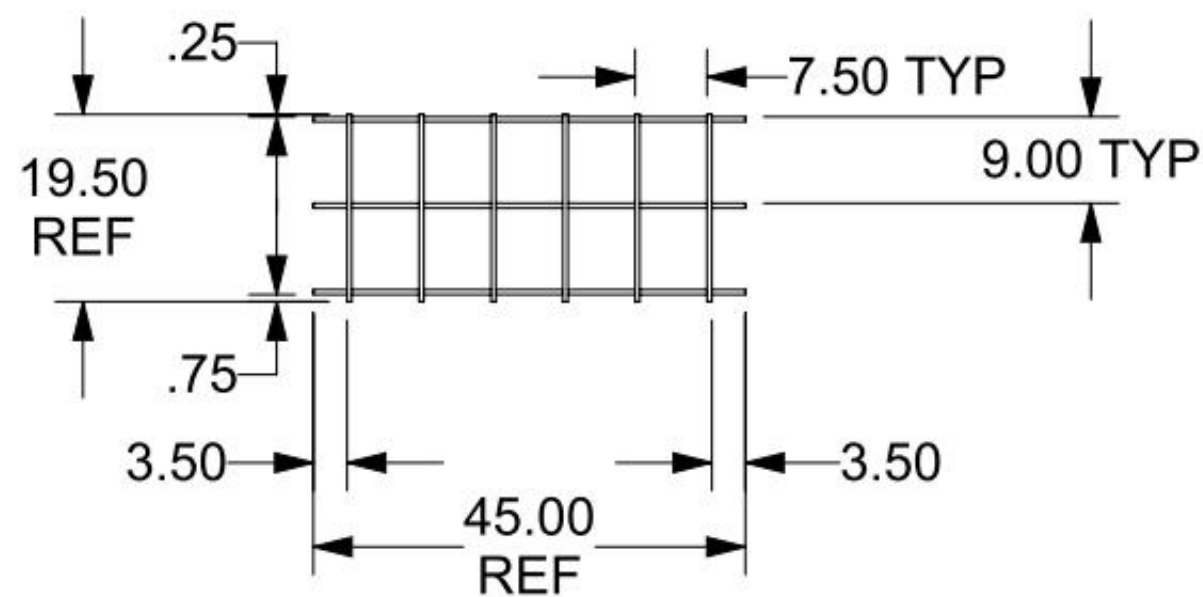
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15718-020	2	LARGE SECTION REBAR WELDMENT	PART	-	101.90
15718-030	2	CONNECTING REBAR WELDMENT	PART	-	14.03

TOTAL WEIGHT: 269.29

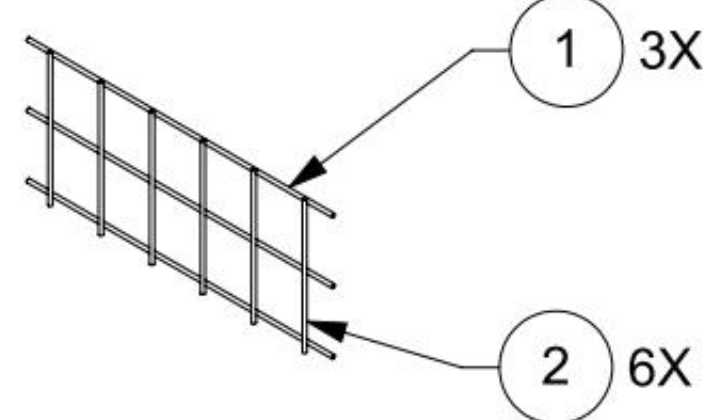


HINGE SIDE REBAR CAGE

ITEM	QTY	DESCRIPTION/MATERIAL	CUT/ SHEAR	CUT-L	ENDCUT	WT EA
1	3	1/2" REBAR	CUT	45.00	90/90	2.51
2	6	1/2" REBAR	CUT	19.50	90/90	1.09



**15718-030
CONNECTING REBAR
WELDMENT**



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TOLERANCES: .X = ± .000FT .XX = ± .000FT .XXX = ± .010FT ANGLES = ± °		SURFACE FINISH: R2		REMOVE ALL BURRS AND BREAK SHARP EDGES (2 MAX.)	
DESIGNED BY M.D.	DATE 9/13/2019	DRAWING NO. 15718	REV. E	SCALE: 1:16 SHEET 2 OF 3	

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RELATIVE BORDER SCALE IN INCHES

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6/4/2024 11:08:56 AM

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Department of General Services
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Issue		
No.	Date	Description
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Project
**OES SECURITY
UPGRADES**
3850 SCHRIEVER AVENUE
MATHER, CA 95665
SACRAMENTO COUNTY
**OFFICE OF EMERGENCY
SERVICES**

Supervisor DS	Designed LQ	Drawn LQ
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR
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Sheet Title
**BARRIER GATE
REFERENCE
DRAWING 3**

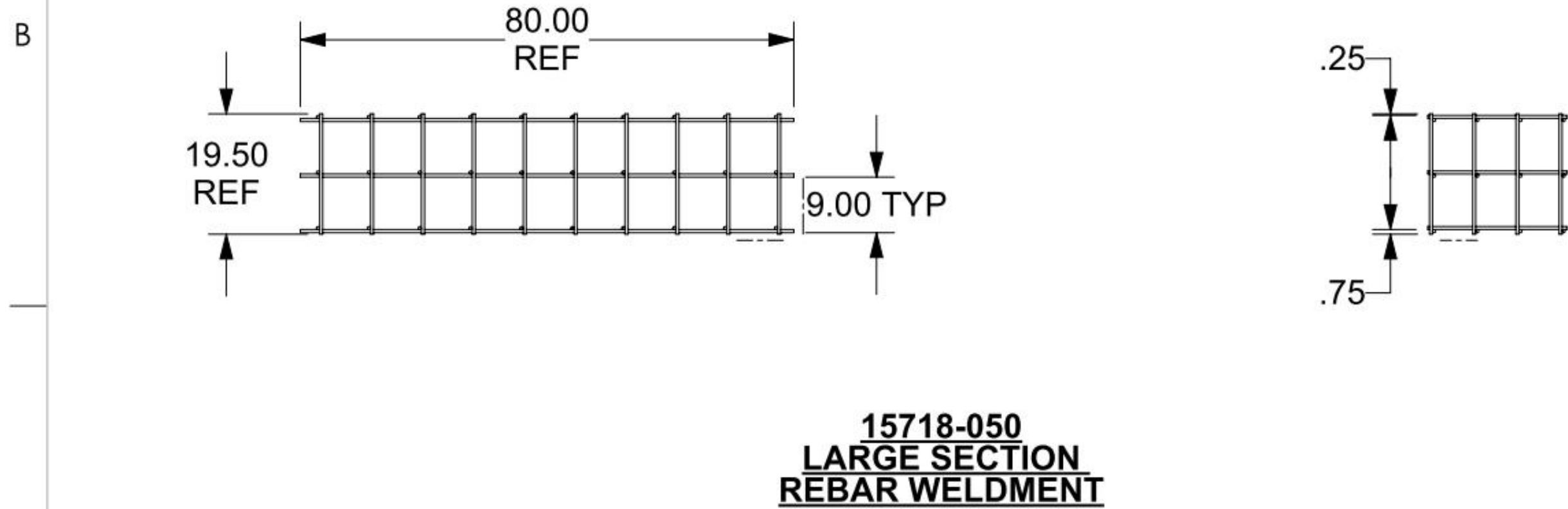
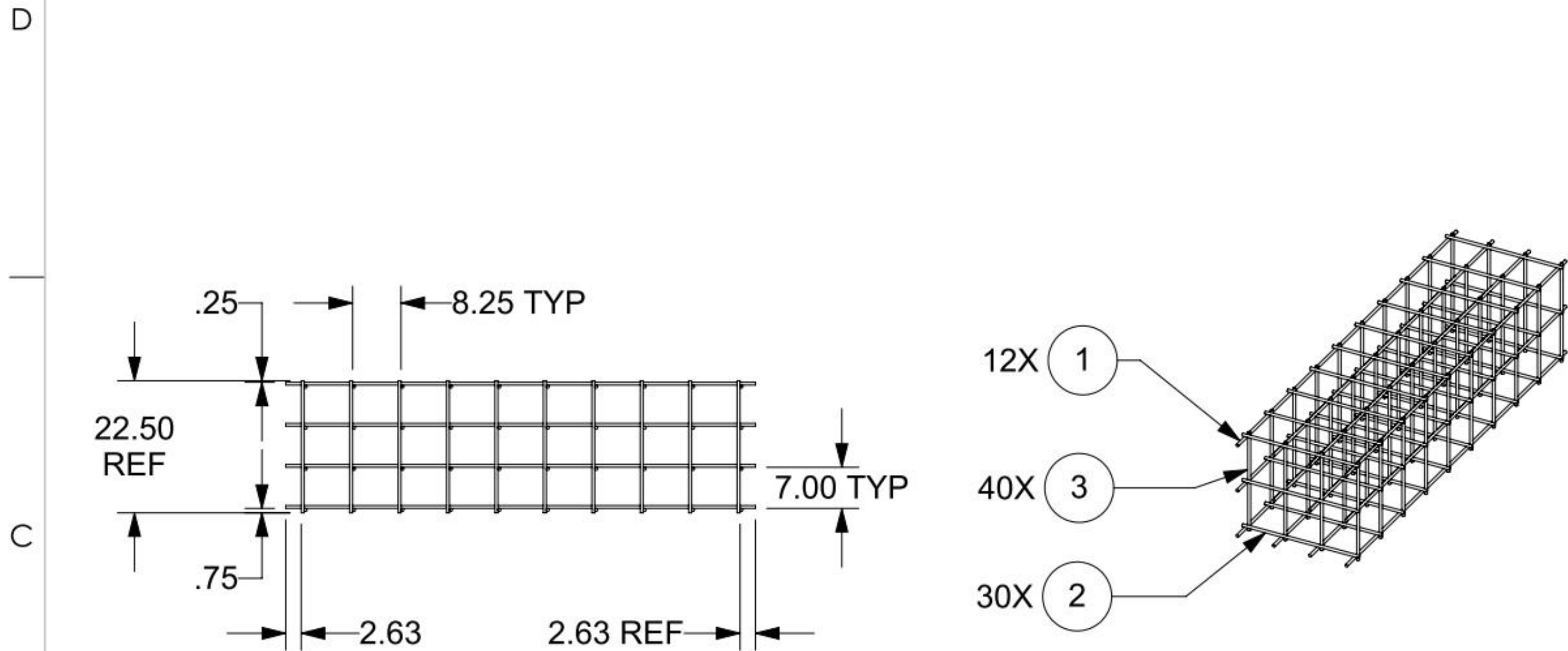
Project Number
00000000009324

	Sheet Scale
	Sheet Number A503

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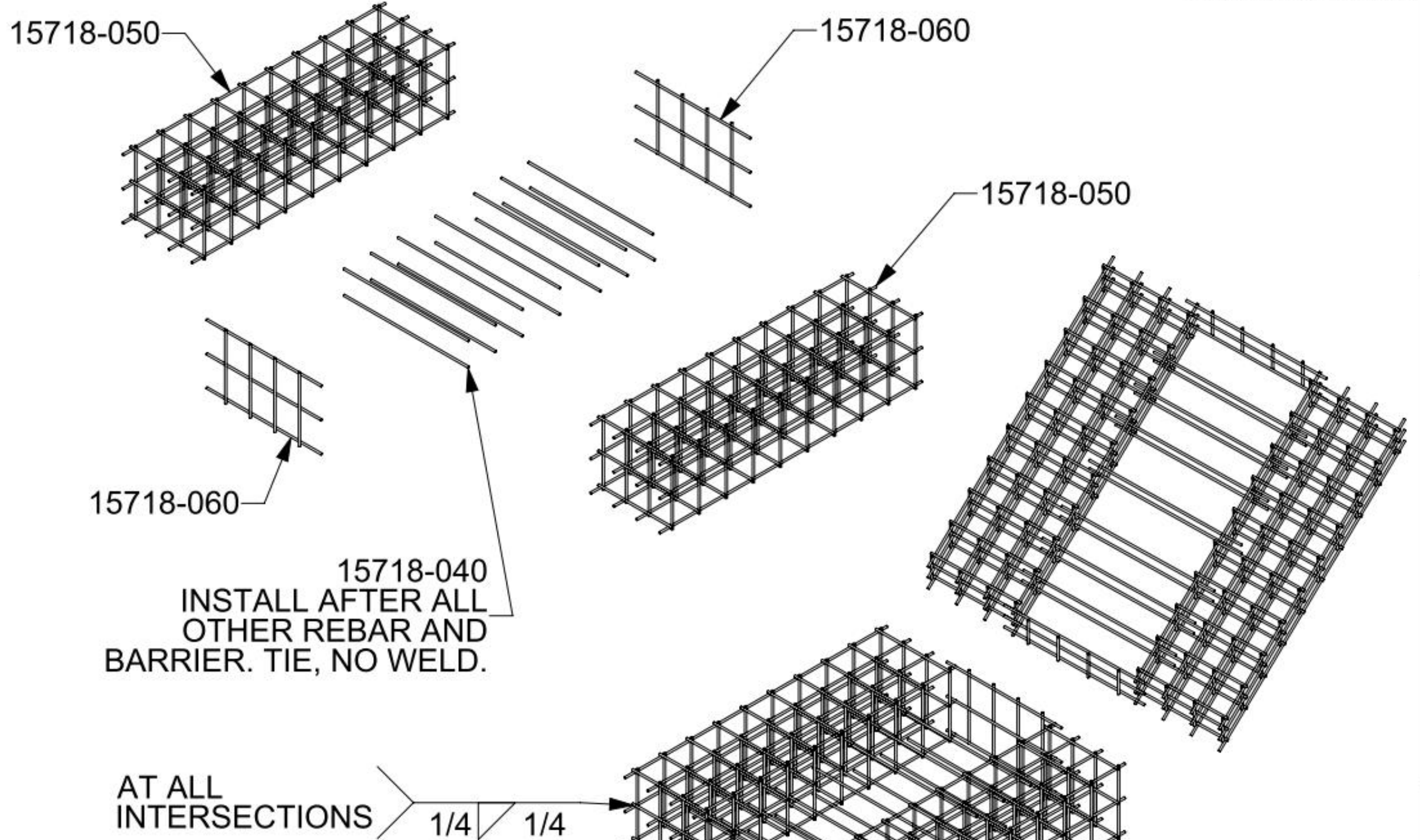
ISSUE DATE: SEPTEMBER 4, 2025

ITEM	QTY	DESCRIPTION/MATERIAL	CUT/ SHEAR	CUT-L	ENDCUT	WT EA
1	12	1/2" REBAR	CUT	80.00	90/90	4.45
2	30	1/2" REBAR	CUT	22.50	90/90	1.25
3	40	1/2" REBAR	CUT	19.50	90/90	1.09



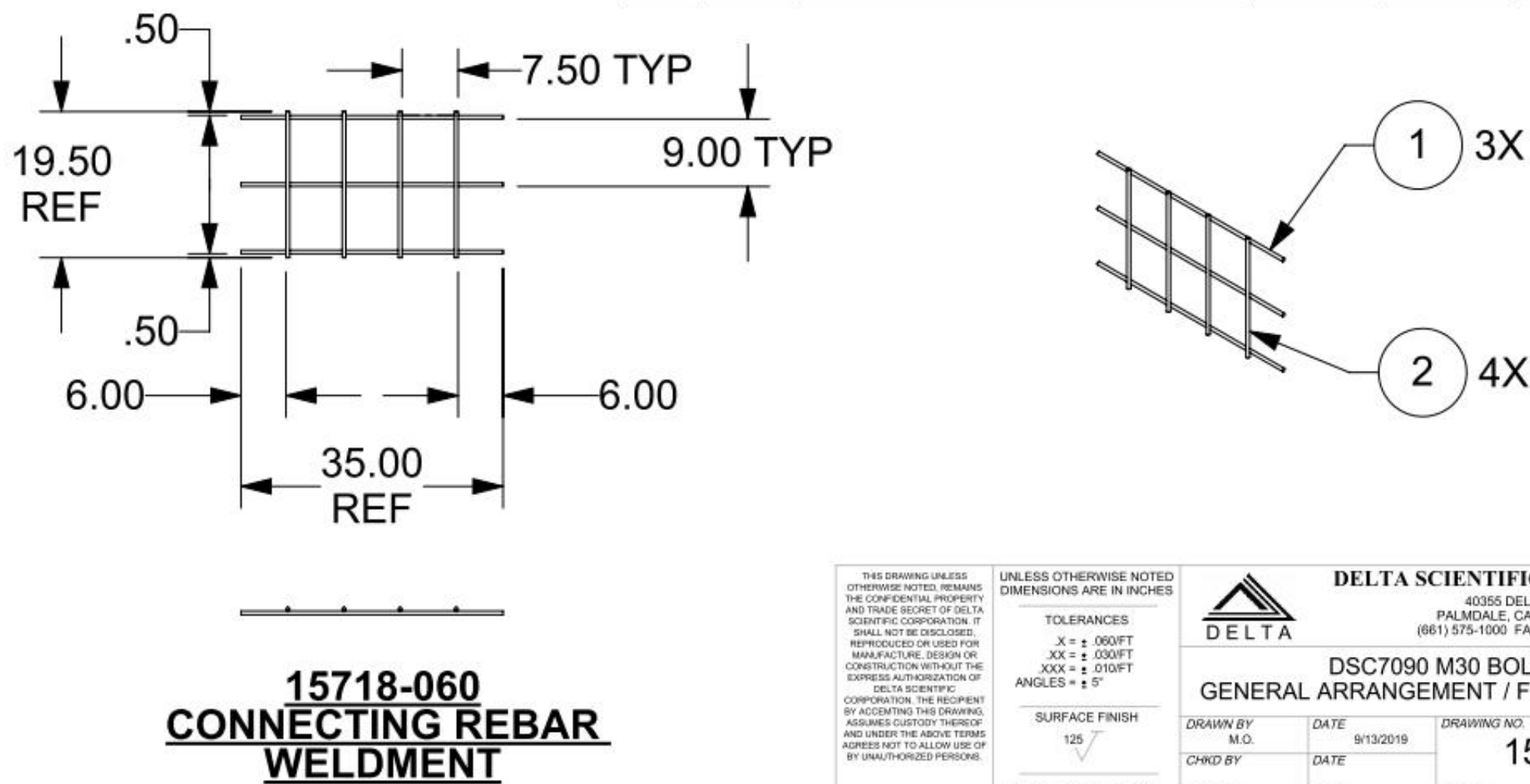
WELDMENT/PARTS	REQ'D	DESCRIPTION/MATERIAL	CUT/ SHEAR	CUT-L	WT EA
15718-040	14	1/2" REBAR 38.00 LONG	CUT	38.00	2.12
15718-050	2	LARGE SECTION REBAR WELDMENT	PART	-	134.48
15718-060	2	CONNECTING REBAR WELDMENT	PART	-	10.19

TOTAL WEIGHT: 318.96



RECEIVING SIDE REBAR CAGE

ITEM	QTY	DESCRIPTION/MATERIAL	CUT/ SHEAR	CUT-L	ENDCUT	WT EA
1	3	1/2" REBAR	CUT	35.00	90/90	1.95
2	4	1/2" REBAR	CUT	19.50	90/90	1.09



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TOLERANCES
X = + .000FT
XXX = + .000FT
XXX = + .010FT
ANGLES = ± 5°

SURFACE FINISH
125

REMOVE ALL BURRS AND BREAK SHARP EDGES. Q2 MAX.

DELTA SCIENTIFIC CORPORATION
40355 DELTA LANE
PALMDALE, CA 93551 U.S.A.
(805) 375-1000 FAX (805) 375-1109

DSC7090 M30 BOLT DOWN
GENERAL ARRANGEMENT / FOUNDATION SPEC

DRAWN BY M.D.	DATE 9/13/2019	DRAWING NO. 15718	REV E
CHKD BY	DATE	SCALE 1:16	SHEET SHEET 3 OF 3
APPV BY	DATE		

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RELATIVE BORDER SCALE IN INCHES

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6/4/2024 11:09:01 AM
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5
A103



6
A103



7
A103



8
A103



1
A103



2
A103



3
A103



4
A103

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 02-122133 INC.
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 05/14/2025

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04/28/25
24-0106
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GENERAL SERVICES

Department of General Services
Architecture & Engineering Sections

State of California

Real Estate Services Division
Project Management & Development Branch

707 Third Street, Suite 4-105
West Sacramento, California 95605



Issue		
No.	Date	Description
1		

Project
**OES SECURITY
UPGRADES**
3850 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
**OFFICE OF EMERGENCY
SERVICES**

Supervisor DS	Designed LQ	Drawn LQ
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
**EXISTING
CONDITIONS -
PRIMARY ENTRANCE**

Project Number
00000000009324

	Sheet Scale
	Sheet Number A901

RELATIVE BORDER SCALE IN INCHES

ISSUE DATE: SEPTEMBER 4, 2025

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Issue		
No.	Date	Description
1		

Project
**OES SECURITY
UPGRADES**
3650 SCHRIEVER AVENUE
MATHER, CA 95665
SACRAMENTO COUNTY
**OFFICE OF EMERGENCY
SERVICES**

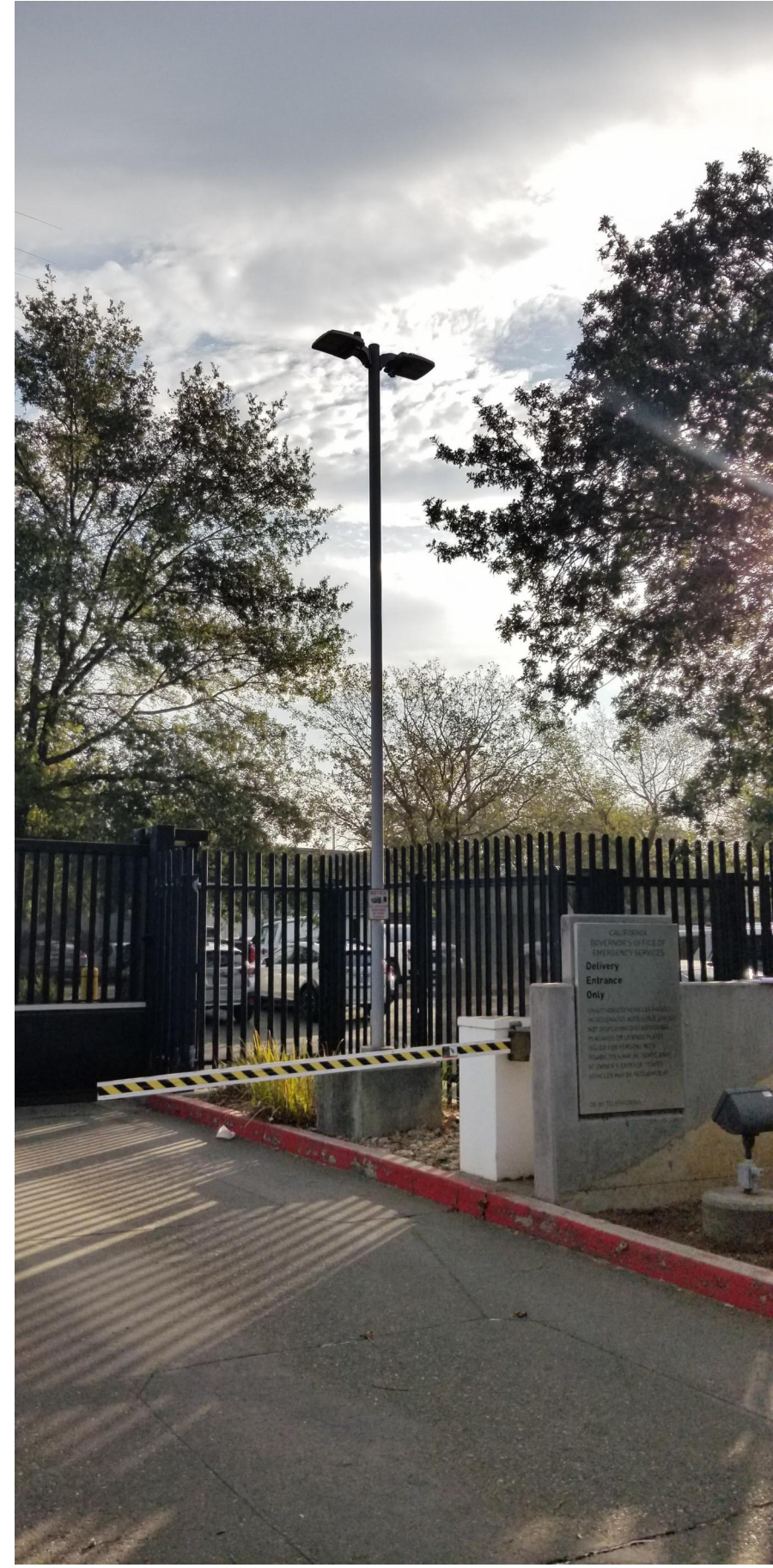
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
**EXISTING
CONDITIONS -
SECONDARY**

Project Number
00000000009324

	Sheet Scale
	Sheet Number A902

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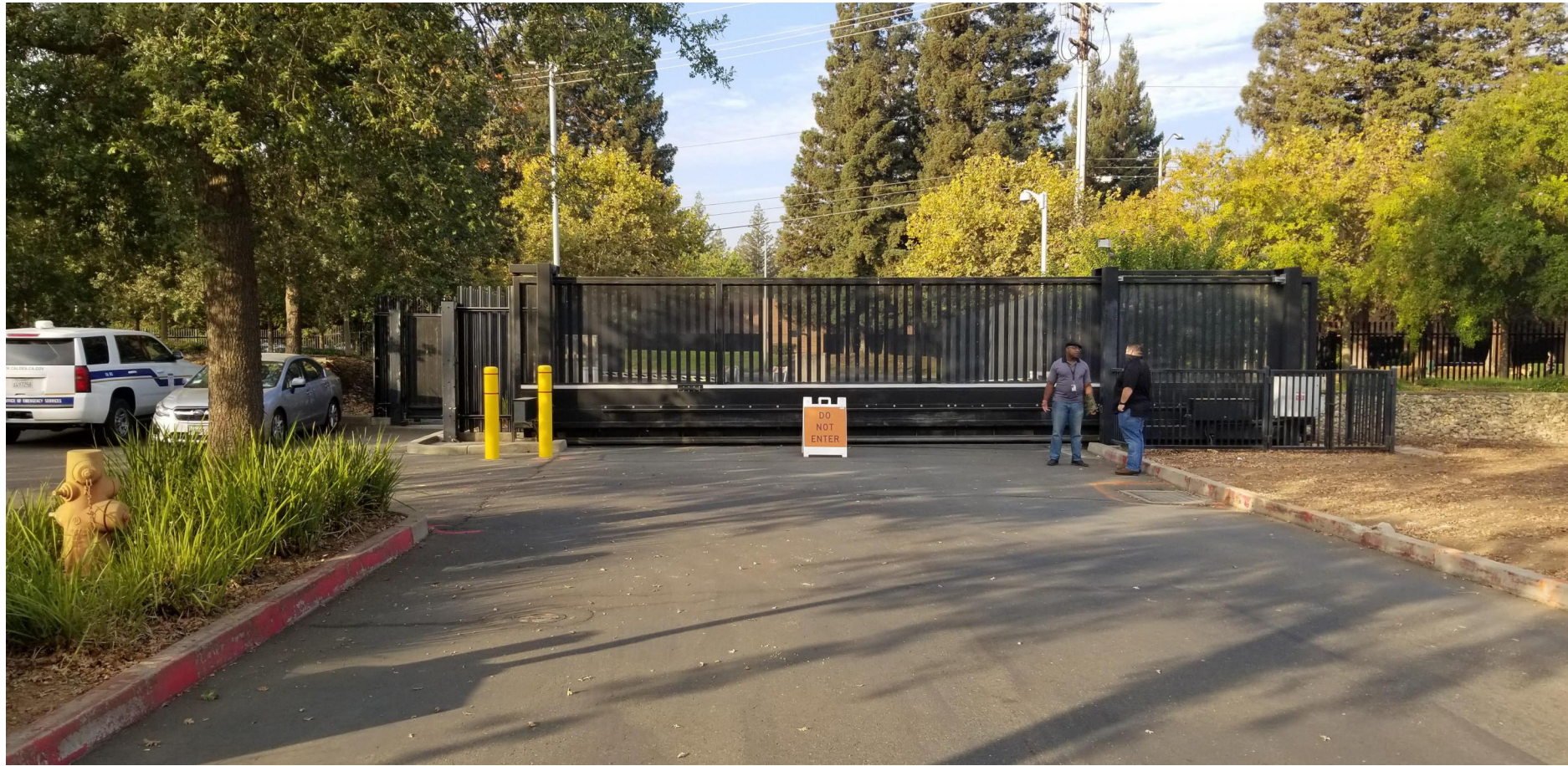
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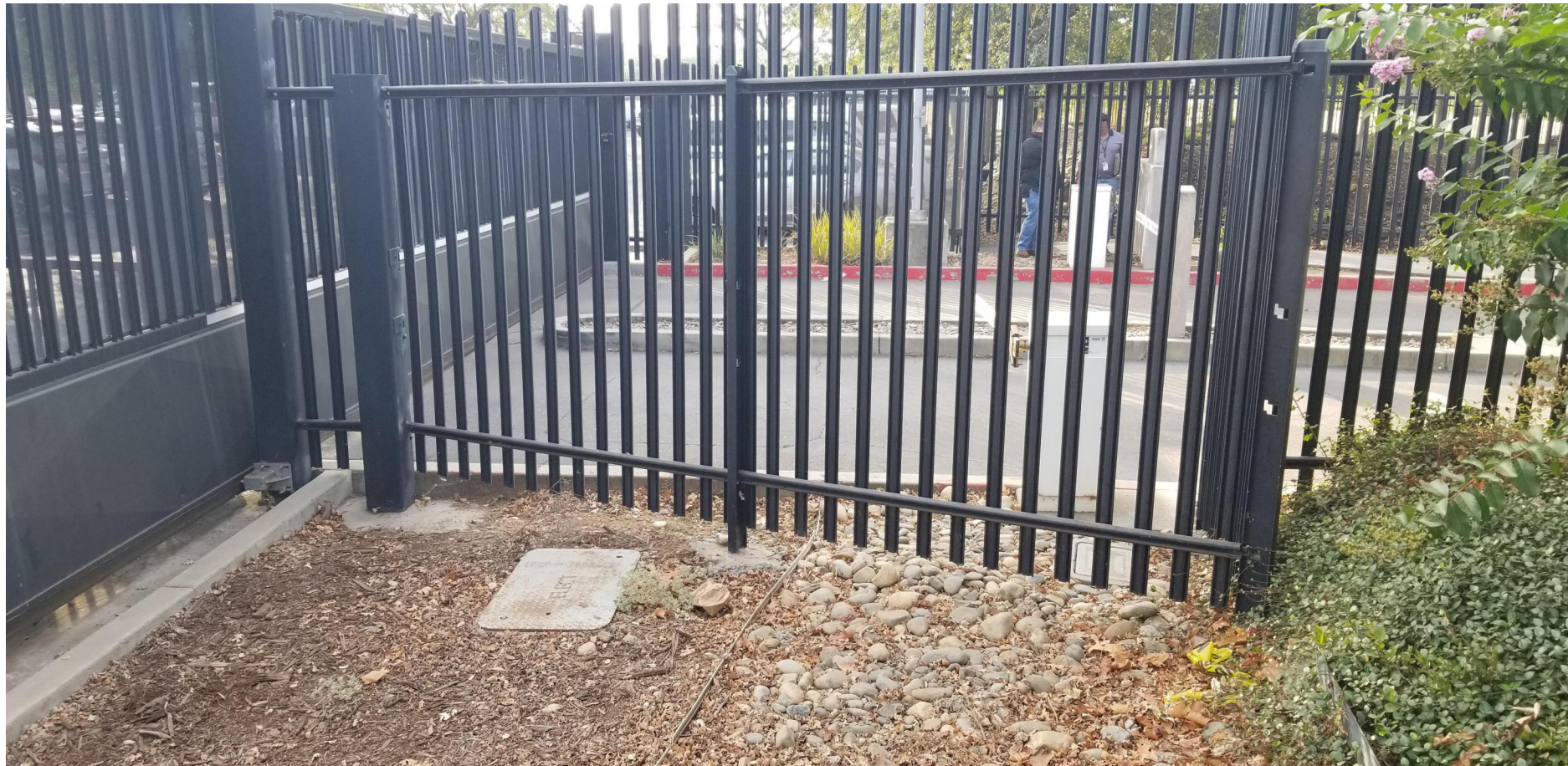
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CAD File: X:\Projects\00xxxx\009324\DWG\PLT\E001 ELECTRICAL LEGEND.dwg Plot Date: Apr 08, 2025 - 11:27pm Plotted by: telee

24 X 36

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GRAPHIC SYMBOLS FOR ELECTRICAL WIRING AND LAYOUT DIAGRAMS										
SYMBOL		DESCRIPTION	SYMBOL		DESCRIPTION	SYMBOL		DESCRIPTION	REMODEL WORK	
									TO REMAIN	REMOVE
		POLE-TOP ELECTROLIER	S		SINGLE-POLE SWITCH			CIRCUIT BREAKER, SINGLE-POLE		
		POLE-ARM ELECTROLIER	S _K		KEY OPERATED SWITCH			CIRCUIT BREAKER, DOUBLE-POLE		
		POLE-ARM DUAL ELECTROLIER	S _{WP}		WEATHERPROOF SWITCH			CIRCUIT BREAKER, THREE-POLE		
CEILING	WALL		S _D		LOW VOLTAGE, NETWORKABLE, SWITCH WITH DIMMING CONTROL			CIRCUIT BREAKER, WITH GROUND FAULT CIRCUIT INTERRUPTER		
		EXIT LIGHT			LOW VOLTAGE, NETWORKABLE, DUAL TECHNOLOGY, WALL-MOUNTED OCCUPANCY SENSOR SWITCH WITH DIMMING CONTROL			CIRCUIT BREAKER, SINGLE-POLE, SWITCHED NEUTRAL		
		SURFACE OR PENDANT INDIVIDUAL LED FIXTURE			LOW VOLTAGE, NETWORKABLE, DUAL TECHNOLOGY, CEILING-MOUNTED OCCUPANCY SENSOR SWITCH WITH DIMMING CONTROL			CONTACT, NORMALLY OPEN		
		RECESSED INDIVIDUAL LED FIXTURE			LOW VOLTAGE OCCUPANCY SENSOR POWER PACK			CONTACT, NORMALLY CLOSED		
		SURFACE OR PENDANT CONTINUOUS ROW FLUORESCENT OR LED FIXTURES	S _T		MANUAL MOTOR STARTING SWITCH, THERMAL OVERLOAD TYPE			PUSHBUTTON SWITCH, NORMALLY CLOSED		
		RECESSED INDIVIDUAL LED FIXTURE WITH EMERGENCY LED DRIVER	S _{HP}		MANUAL MOTOR STARTING SWITCH, WITHOUT OVERLOAD ELEMENT			PUSHBUTTON SWITCH, NORMALLY OPEN		
		SURFACE OR PENDANT INDIVIDUAL LED FIXTURE WITH EMERGENCY LED DRIVER	S _{TS}		TIMER SWITCH			SWITCH, SINGLE-POLE		
		EMERGENCY LIGHTING UNIT	S _{TS}		TIMER SWITCH			SWITCH, DOUBLE-POLE		
		BLANK OUTLET	PEC		PHOTOELECTRIC CELL			SWITCH, SINGLE-POLE, DOUBLE-THROW		
		JUNCTION BOX			PUSHBUTTON			SWITCH, DOUBLE-POLE		
		SINGLE RECEPTACLE OUTLET			PUSHBUTTON STATION MOTOR CONTROL			SWITCH, SINGLE-POLE, 3-POSITION		
		DUPLEX RECEPTACLE OUTLET			PUSHBUTTON STATION			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		FOURPLEX RECEPTACLE OUTLET			BELL			SWITCH, SINGLE-POLE, 3-POSITION		
		SPLIT-WIRED DUPLEX RECEPTACLE OUTLET			COMBINATION BELL-BUZZER			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		SPLIT-WIRED FOURPLEX RECEPTACLE OUTLET			PRESSURE SWITCH			SWITCH, SINGLE-POLE, 3-POSITION		
		DUPLEX RECEPTACLE OUTLET (WITH GFCI)			CONTROL RELAY			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		DUPLEX RECEPTACLE OUTLET, WEATHERPROOF (WITH GFCI)			FLOW SWITCH			SWITCH, SINGLE-POLE, 3-POSITION		
		SINGLE, SPECIAL PURPOSE RECEPTACLE OUTLET			HAND DRYER NOZZLE			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		RANGE OUTLET			HAND DRYER			SWITCH, SINGLE-POLE, 3-POSITION		
		CLOCK HANGER RECEPTACLE			FUSIBLE DISCONNECT SWITCH			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		FAN			NON-FUSIBLE DISCONNECT SWITCH			SWITCH, SINGLE-POLE, 3-POSITION		
		FLUSH FLOOR SINGLE RECEPTACLE OUTLET			MAGNETIC MOTOR STARTER			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		FLUSH FLOOR DUPLEX RECEPTACLE OUTLET			COMBINATION MAGNETIC MOTOR STARTER			SWITCH, SINGLE-POLE, 3-POSITION		
		FLUSH FLOOR SPECIAL PURPOSE OUTLET			TRANSFORMER			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		FLOOR TELEPHONE/DATA OUTLET			FLUSH-MOUNTED PANELBOARD			SWITCH, SINGLE-POLE, 3-POSITION		
		MULTI-FLOOR OUTLET, 2 OR MORE GANG			SURFACE-MOUNTED PANELBOARD			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		MULTI-OUTLET ASSEMBLY			EQUIPMENT ENCLOSURE			SWITCH, SINGLE-POLE, 3-POSITION		
		TELEPHONE OUTLET			MSF POWER BREAK			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		DATA OUTLET			KEYPAD FOR ALARM SYSTEM			SWITCH, SINGLE-POLE, 3-POSITION		
		TELEPHONE/DATA OUTLET			MOTION DETECTOR (MICROWAVE/PASSIVE INFRARED)			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		SOUND SYSTEM LOUD SPEAKER OUTLET			CCTV CAMERA			SWITCH, SINGLE-POLE, 3-POSITION		
		RADIO OUTLET			SECURITY ALARM PANEL			SWITCH, DOUBLE-POLE, DOUBLE-THROW		
		TELEVISION OUTLET			SECURITY ALARM ANNUNCIATOR			SWITCH, SINGLE-POLE, 3-POSITION		
		MICROPHONE OUTLET						SWITCH, DOUBLE-POLE, DOUBLE-THROW		

LEGEND

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RELATIVE BORDER SCALE IN INCHES

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\IE02 ELECTRICAL ABBREVIATIONS & GENERAL NOTES.dwg Plot Date: Apr 08, 2025 -3:11:27pm Plotted by: tollee

A		F		M		S	
A	AMPERES	F	FUSE	MAX	MAXIMUM	S	STARTER COIL
AC	ALTERNATING CURRENT OR ASPHALT CONCRETE	FC	FIBER CABLE	MB	MAIN BREAKER	SCH	SCHEDULE
A/C	AIR CONDITIONING	FL	FAILURE LIGHT	MC	METALLIC CONDUIT	SD	SERVICE DISCONNECT
AFCI	ARC FAULT CIRCUIT INTERRUPTER	FLA	FULL LOAD AMPERES	MCA	MINIMUM CIRCUIT AMPACITY	SEC	SECONDS
AFF	ABOVE FINISHED FLOOR	FLEX	FLEXIBLE CONDUIT	MCP	MOTOR CIRCUIT PROTECTOR	SFR	SEAL FAILURE RELAY
AI	ANALOG INPUT	FLS	FLOW SWITCH	MCC	MOTOR CONTROL CENTER	SPD	SURGE PROTECTIVE DEVICE
AL	ALARM LIGHT	FO	FIBER OPTIC	MD	MOTOR DISCONNECT	SPR	STANDBY POWER RECEPTACLE
AO	ANALOG OUTPUT	FR	FAILURE RESET/FLAME RESISTANT	MH	MOUNTING HEIGHT	SQ	SQUARE
AR	ALARM RESET	FS	FLOAT SWITCH	MIN	MINIMUM	SS	SELECTOR SWITCH
ATS	AUTOMATIC TRANSFER SWITCH	G		MISC	MISCELLANEOUS	ST	STARTER
AVC	AIR VOLUME CONTROLLER	GA	GAUGE	MM	FIBER MULTI MODE	STD	STANDARD
B		GB	GROUND BAR	MSF	MODULAR SYSTEM FURNITURE	SV	SOLENOID VALVE
BC	BARE COPPER	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	MT	EMPTY CONDUIT	T	
BD	BUILDING DISCONNECT	GND	GROUND	N		TB	TERMINAL BLOCK
BLDG	BUILDING	GRS	GALVANIZED RIGID STEEL	(N)	NEW	TC	TELEPHONE CABLE
BP	BOOSTER PUMP	H		NB	NEUTRAL BUS	TDR	TIME DELAY RELAY
BRK	BREAKER	HP	HORSEPOWER	NC	NORMALLY CLOSED	TGB	TELECOMMUNICATIONS GROUND BUS BAR
C		HPS	HIGH PRESSURE SODIUM	NO.	NUMBER	TGLS	TOGGLE SWITCH
C	CONDUIT	I		NOS.	NUMBERS	TM	TIME METER
CAT	CATEGORY	IC	IRRIGATION CONTROLLER	NO	NORMALLY OPEN	TMGB	TELECOMMUNICATIONS MAIN GROUND BUS BAR
CB	CIRCUIT BREAKER	ICC	IRRIGATION CONTROLLER CABINET	NSW	NEUTRAL SWITCHING BREAKER	TOT	TOTAL
CCTV	CLOSED CIRCUIT TELEVISION	IR	INDUCTION RELAY	O		TS	TIMER SWITCH
CD	CONTROL DISCONNECT	ISR	INTRINSICALLY SAFE RELAY	O/C	ON CENTER	TSW	TEST SWITCH
CKT	CIRCUIT	J		OG	ORIGINAL GROUND	TTB	TELEPHONE TERMINAL BOARD
CL	CHAIN LINK	JB	JUNCTION BOX	OH	OVERHEAD	TYP	TYPICAL
CLR	CLEAR/CLEARANCE	K		OL	OVERLOAD	U	
COMM	COMMUNICATION	KV	KILOVOLT	P		UON	UNLESS OTHERWISE NOTED
CR	CONTROL RELAY	KVA	KILOVOLT AMPERES	P	POLE (CIRCUIT BREAKER)	UPS	UNINTERRUPTIBLE POWER SUPPLY
CS	CURRENT SWITCH	KW	KILOWATT	PB	PULL BOX OR PUSHBUTTON	V	
CT	CURRENT TRANSFORMER	L		PCP	PUMP CONTROL PANEL	V	VOLT(S)
D		L	LIGHT/LENGTH	PD	PUMP DISCONNECT	VAR	VARIABLE/VARIES
DC	DIRECT CURRENT	LC	LIGHTING CONTACTOR	PEC	PHOTOELECTRIC CONTROL	W	
DI	DIGITAL INPUT	LCD	LIQUID CRYSTAL DISPLAY	PFR	PHASE FAILURE RELAY	W	WATT/WIDTH
DIA	DIAMETER	LCP	LIGHTING CONTROL PANEL	PFRD	PHASE FAILURE RELAY DISCONNECT	WLS	WATER LEVEL SWITCH
DMM	DIGITAL MULTIMETER	LD	LIGHTING DISCONNECT	PL	PILOT LIGHT	WP	WEATHERPROOF
DO	DIGITAL OUTPUT	LED	LIGHT EMITTING DIODE	PS	PRESSURE SWITCH	X	
DP	DUPLEX PLUG RECEPTACLE	LL	LIQUID LEVEL RELAY	PTS	POWER TRANSFER SWITCH	XFMR	TRANSFORMER
DS	DOOR SWITCH	LLC	LIQUID LEVEL CONTROLLER	PV	PHOTOVOLTAIC		
E		LP	LIGHT PANEL	PVC	POLYVINYL CHLORIDE		
(E)	EXISTING	LS	LIGHT SWITCH	R			
EF	EXHAUST FAN	LT	LIGHT TRANSFORMER	RES	RESISTOR		
ELEV	ELEVATION	LTO	LIGHT TRANSFORMER OVERLOAD	RGS	RIGID GALVANIZED STEEL		
				RTB	RADIO TERMINAL BOARD		

ABBREVIATIONS

GENERAL NOTES

- SEPARATE GROUNDED (NEUTRAL) CONDUCTOR MUST BE USED FOR EACH 120-VOLT CIRCUIT UNLESS OTHERWISE NOTED.
- HOMERUNS TO PANELBOARDS MUST BE INSTALLED AS SHOWN ON THE PLANS. HOMERUNS MUST NOT BE COMBINED.
- A SINGLE INSULATED EQUIPMENT GROUNDING CONDUCTOR, SIZED AS REQUIRED, MUST BE INSTALLED IN EACH CONDUIT RUN.
- EXISTING CONDITIONS DEPICTED ARE DERIVED FROM EXISTING DRAWINGS AND LIMITED FIELD INVESTIGATION. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND ADJUST ELECTRICAL WORK AS REQUIRED.
- ITEMS SHOWN DASHED ARE EXISTING.
- ITEMS SHOWN DASHED WITH "X's" ARE EXISTING TO BE DEMOLISHED OR REMOVED. THEY SHALL BE REMOVED COMPLETE, INCLUDING BOXES, SUPPORTS, BRANCH CIRCUITRY, ETC. CONDUITS SHALL BE REMOVED TO THE NEAREST ACCESSIBLE REUSED JUNCTION POINT OR SHALL BE CUT-OFF AND CAPPED BEHIND OR BELOW EXISTING FINISHED SURFACES TO REMAIN, AS APPLIES. CONDUCTORS SHALL BE REMOVED TO SOURCE OR TO THE NEAREST REUSED JUNCTION POINT, AS APPLIES.
- EXISTING ELECTRICAL WORK, NOT BEING REUSED, THAT IS NOT SHOWN, DISCOVERED DURING DEMOLITION WORK SHALL BE REMOVED. UNCOVERED ELECTRICAL WORK THAT IS REQUIRED FOR CONTINUED OPERATION SHALL BE RELOCATED AS NECESSARY, EXTEND EXISTING CIRCUITRY AS REQUIRED.
- ALL REMOVED ITEMS THAT, IN THE OPINION OF THE STATE, ARE SALVAGEABLE SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED TO THE STATE AT A LOCATION ON SITE OF ITS CHOOSING. ALL OTHER REMOVED ITEMS SHALL BE CONSIDERED SCRAP AND SHALL BE DISPOSED OF OFF-SITE IN A LAWFUL MANNER.
- PROVIDE NEW, UPDATED, TYPEWRITTEN PANEL SCHEDULES IN EACH PANELBOARD WITHIN SCOPE OF WORK.

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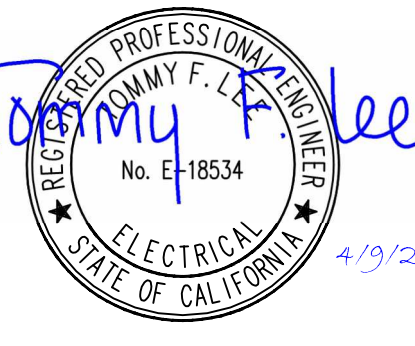


04/28/25
24-0106
SINCE 1858

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Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch
707 Third Street, Suite 4-105
West Sacramento, California 95605



4/9/25

Issue		
No.	Date	Description

Project

OES SECURITY UPGRADES

3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY

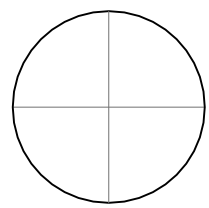
OFFICE OF EMERGENCY SERVICES

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
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DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR
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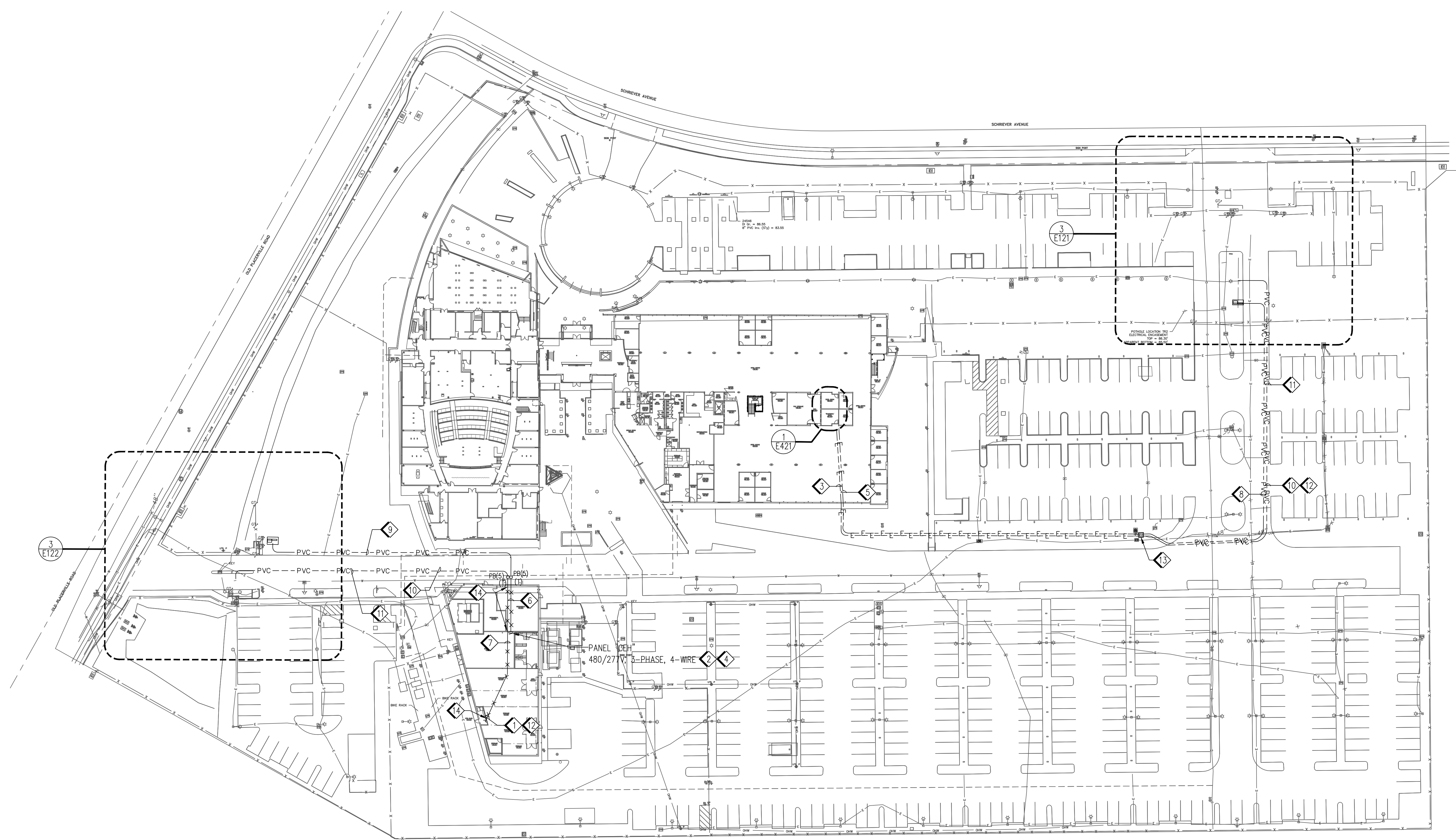
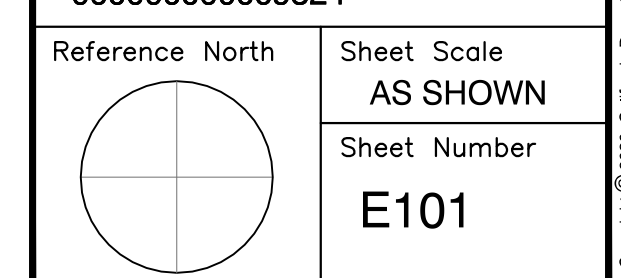
ELECTRICAL ABBREVIATIONS & GENERAL NOTES

Project Number 000000000009324	
Reference North 	Sheet Scale NONE
	Sheet Number E002

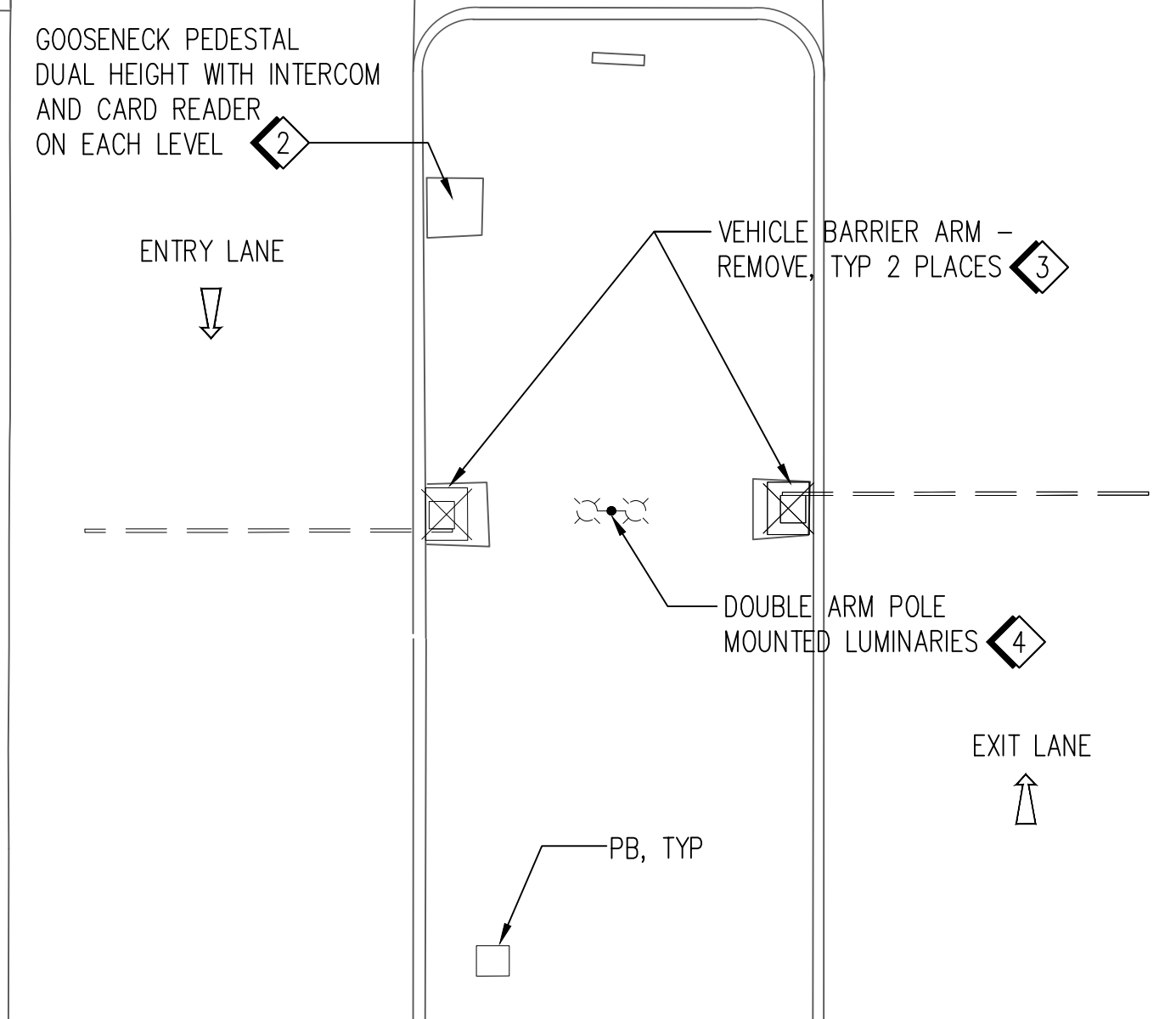
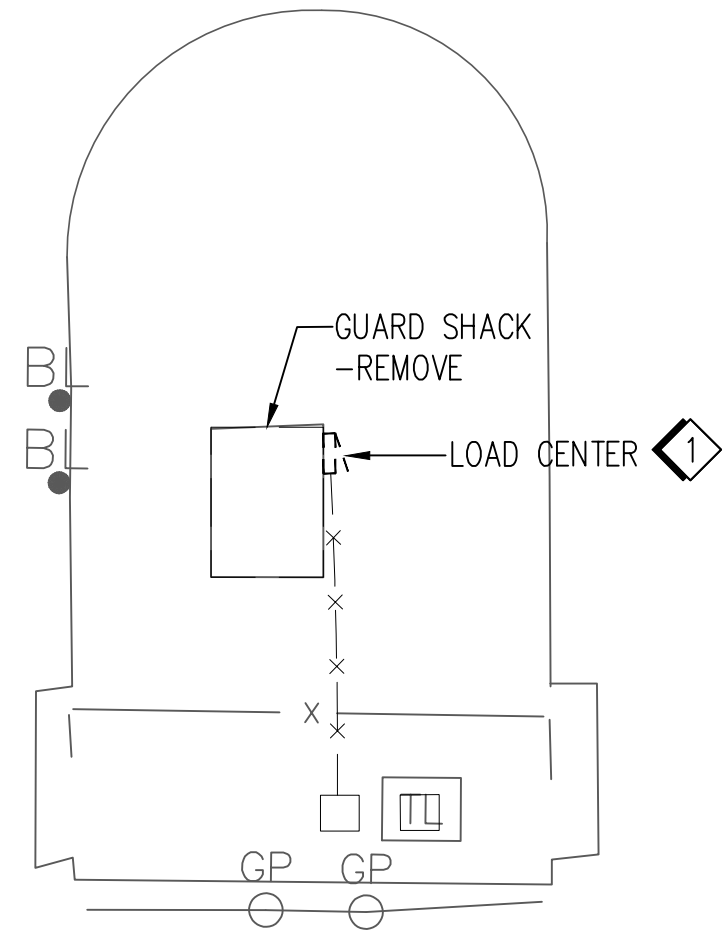
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- A. FOR TRENCHING, SEE DETAIL 1 ON SHEET E521.
- B. FOR PANEL SCHEDULES, SEE SHEET E621.
- C. FOR PULL BOX DETAILS, SEE SHEET E622.
- D. FOR TELECOMMUNICATION EQUIPMENT SCHEDULES, SEE DETAIL 3 ON SHEET E622.
- E. FOR FIBER CABLE SCHEDULE, SEE DETAIL 4 ON SHEET E622.
- F. FOR EXACT TRENCHING ROUTE DETAIL, SEE CIVIL PLAN ON SHEET C502.
- G. CONDUITS MOUNTED ON WALL SHALL BE ANCHORED TO EXISTING METAL FRAMING, ROUTED AROUND EXISTING LOUVERS AS REQUIRED.

1 | GENERAL NOTES


$$1'' = 40' - 0''$$


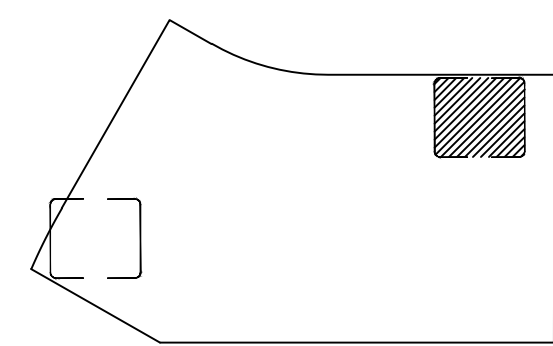
SCHRIEVER AVENUE



1 GENERAL NOTES

- 1 REMOVE POWER CABLE FROM LOAD CENTER. CAPPED THE EXPOSED CONDUCTORS AND COIL THE POWER CABLE INSIDE THE PULL BOX FOR FUTURE USE.
- 2 PRIOR TO REMOVING THE PEDESTAL, IDENTIFY AND LABEL ALL POWER CABLES, LOW VOLTAGE CONDUCTORS FOR CARD READER AND INTERCOM DEVICES. REMOVE CABLES AND CONDUCTORS FROM THE DEVICES AND PROTECT CABLES AND CONDUCTORS FOR REINSTALLATION WITH NEW DEVICES. SALVAGE EXISTING CARD READER AND INTERCOM DEVICES.
- 3 TURN OFF THE CIRCUIT BREAKERS FOR GATE MOTORS AT PANEL "BEL1E" IN BUILDING B BEFORE REMOVING THE BARRIER GATES SYSTEM. LABEL THE CIRCUIT BREAKERS AS "SPARE". REMOVE EXISTING FOUNDATION AND PULL BACK POWER CONDUCTORS TO THE NEAREST PULL BOX. LABEL AND CAPPED POWER CONDUCTORS AS "SPARE".
- 4 SALVAGE LIGHT POLE AND LUMINARIES SYSTEM FOR REINSTALLATION WITH NEW FOUNDATION. REMOVE EXISTING FOUNDATION AND PULL BACK POWER CONDUCTORS FOR LIGHTING SYSTEM TO THE NEAREST PULL BOX FOR FUTURE RECONNECTION.

2 KEY NOTES



3 PARTIAL DEMOLITION PLAN - PRIMARY ENTRANCE

1/8"=1'-0"

KEY PLAN - PRIMARY ENTRANCE

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 02-122133 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 05/14/2025

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04/28/25
24-0106
FIRE
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Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch

707 Third Street, Suite 4-105
West Sacramento, California 95605

RECORDED PROFESSIONAL ENGINEER
TOMMY F. LEE
No. E-18534
ELECTRICAL
STATE OF CALIFORNIA
4/9/25

Issue		
No.	Date	Description

Project
OES SECURITY UPGRADES

3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY

OFFICE OF EMERGENCY SERVICES

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
PARTIAL DEMOLITION PLAN - PRIMARY ENTRANCE

Project Number 000000000009324		
Reference North	Sheet Scale AS SHOWN	Sheet Number E111

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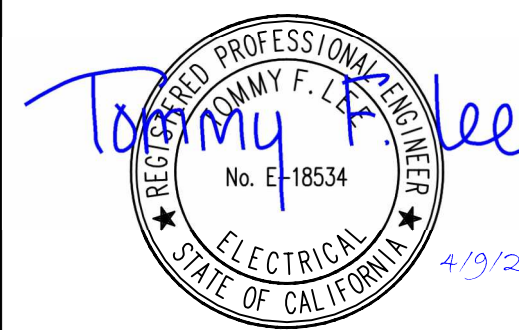


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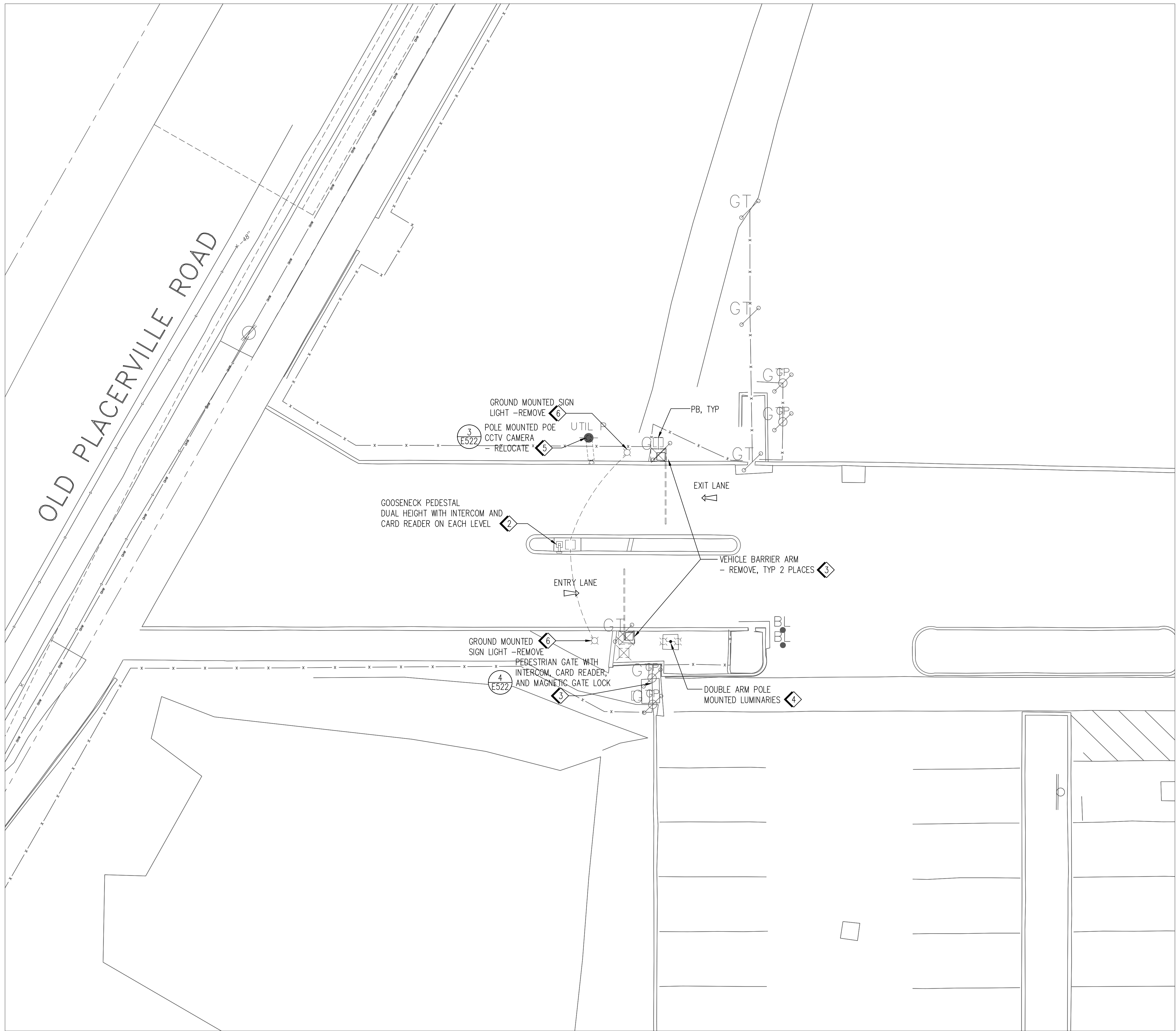
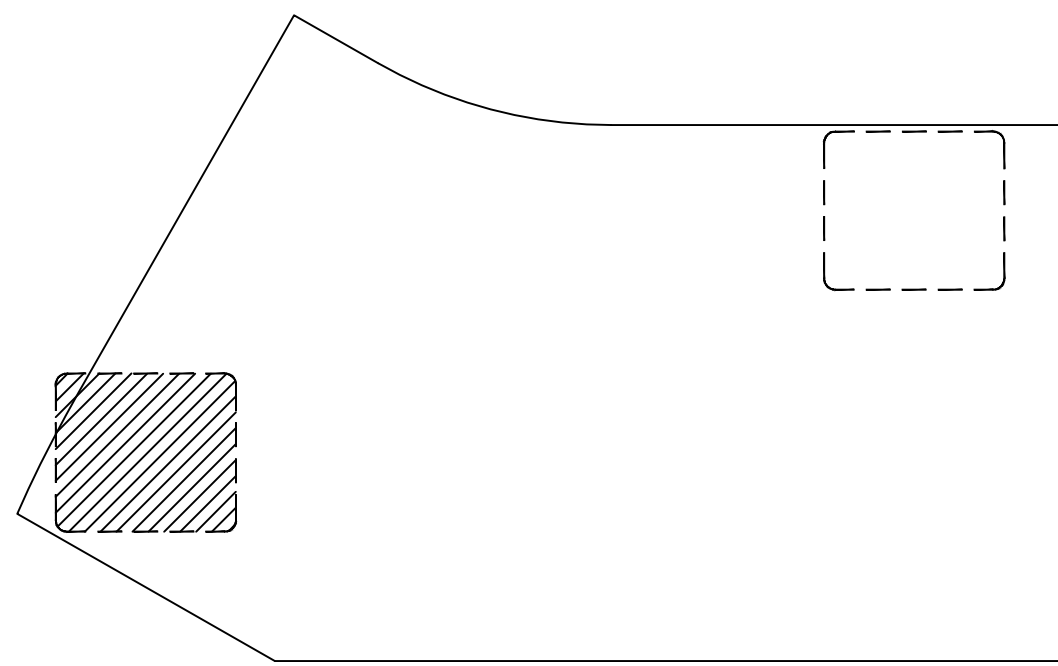
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1 GENERAL NOTES

- NOT USED
- PRIOR TO REMOVING THE PEDESTAL, IDENTIFY AND LABEL ALL POWER CABLES, LOW VOLTAGE CONDUCTORS FOR CARD READER AND INTERCOM DEVICES. REMOVE CABLES AND CONDUCTORS FROM THE DEVICES AND PROTECT CABLES AND CONDUCTORS FOR REINSTALLATION WITH NEW DEVICES. SALVAGE EXISTING CARD READER AND INTERCOM DEVICES.
- TURN OFF THE CIRCUIT BREAKERS FOR GATE MOTORS AT PANEL "CEL" IN BUILDING C BEFORE REMOVING THE BARRIER GATES SYSTEM. LABEL THE CIRCUIT BREAKERS AS "SPARE". REMOVE EXISTING FOUNDATION AND PULL BACK POWER CONDUCTORS TO THE NEAREST PULL BOX. LABEL AND CAPPED POWER CONDUCTORS AS "SPARE".
- SALVAGE LIGHT POLE AND LUMINARIES SYSTEM FOR REINSTALLATION WITH NEW FOUNDATION. REMOVE EXISTING FOUNDATION AND PULL BACK POWER CONDUCTORS FOR LIGHTING SYSTEM TO THE NEAREST PULL BOX FOR FUTURE RECONNECTION.
- SALVAGE POLE, CCTV CAMERA, NEMA 3R ENCLOSURE AND POE POWER INJECTOR FOR REINSTALLATION WITH NEW FOUNDATION AT NEW LOCATION. REMOVE EXISTING POLE FOUNDATION. INTERCEPT CCTV CAMERA CABLE FROM THE NETWORK SIDE AND PLACE IT IN NEW PULL BOX FOR FUTURE CONNECTION. PULL BACK POWER CONDUCTORS FOR POE INJECTOR TO THE NEAREST PULL BOXES FOR FUTURE RECONNECTION.
- REMOVE EXISTING LIGHT FOUNDATION. IDENTIFY AND SPLICE POWER CONDUCTORS FOR LIGHTING WITH WEATHERPROOF CONNECTOR AND EXTEND CONDUIT TO NEAREST PULL BOX FOR FUTURE CONNECTION.

2 KEY NOTES



3 PARTIAL DEMOLITION PLAN - SECONDARY ENTRANCE

1/8"=1'-0"

KEY PLAN - SECONDARY ENTRANCE

Issue		
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3650 SCHRIEVER AVENUE
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SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
PARTIAL DEMOLITION PLAN - SECONDARY ENTRANCE

Project Number 000000000009324		
Reference North	Sheet Scale AS SHOWN	Sheet Number E112

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ISSUE DATE: SEPTEMBER 4, 2025

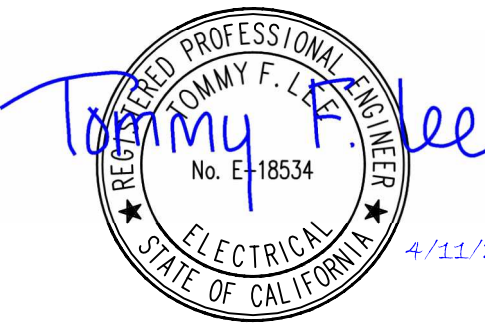


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J.ABDELSAYED	T.LEE	T.LEE
DSA App No.	SFM Permit No.	
02-122133	24-N-0106-C-DR	

Sheet Title
PARTIAL MODIFIED PLAN - PRIMARY ENTRANCE

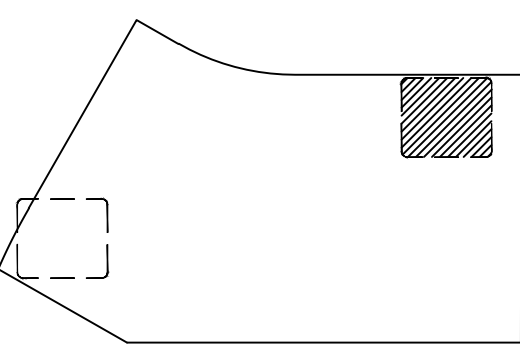
Project Number	
000000000009324	
Reference North	Sheet Scale
	AS SHOWN
	Sheet Number
	E121

1. LOCATION OF GATE OPERATORS, LOOP DETECTORS, AND VEHICLE ACCESS LOCK BOX ARE ARBITRARY ONLY. EXACT LOCATIONS SHALL BE PER EQUIPMENT AND DEVICE MANUFACTURER RECOMMENDATIONS AND SHALL BE VERIFIED IN THE FIELD.
2. GATE OPERATORS SHALL BE INSTALLED COMPLETE WITH PRIMARY AND SECONDARY ENTRAPMENT PROTECTION REQUIREMENTS IN CONFORMANCE WITH CLASS 2, UL 325 ENTRAPMENT PROTECTION. ENTRAPMENT PROTECTION DEVICES AND ITS CONNECTION ARE NOT SHOWN ON THE PLANS. PROVIDE CONDUIT, CONDUCTORS OR CABLES AND OTHER APPURTENANCES FOR THOSE THAT ARE NOT SHOWN BUT ARE REQUIRED TO OPERATE THE GATE SYSTEM SAFELY.
3. PROVIDE CONCRETE PAD AND UNIT STAND FOR GATE OPERATORS. CONCRETE PAD AND PEDESTAL MOUNTING STAND INSTALLATION SHALL BE PER GATE OPERATOR MANUFACTURER RECOMMENDATION.
4. FOR EXACT LOCATION OF THE RELOCATED LIGHT POLE FOUNDATION, SEE CIVIL SHEETS.
5. FOR VEHICLE SENSING LOOP INSTALLATION DETAIL, SEE DETAIL 3 ON SHEET E521.
6. INSTALL WIRING AND CONDUCTORS ON HYDRAULIC GATE CONTROL SYSTEM, SEE SCHEMATICS DIAGRAM ON SHEET E656. PROVIDE HYDRAULIC GATE LED FLASHING LIGHTS AND SIGNAL LIGHTS AS SHOWN ON DETAIL 2 SHEET E657
7. FOR PANEL SCHEDULES, SEE SHEET E621.
8. FOR TELECOMMUNICATION EQUIPMENT SCHEDULE, SEE DETAIL 3 ON SHEET E622.

1 GENERAL NOTES

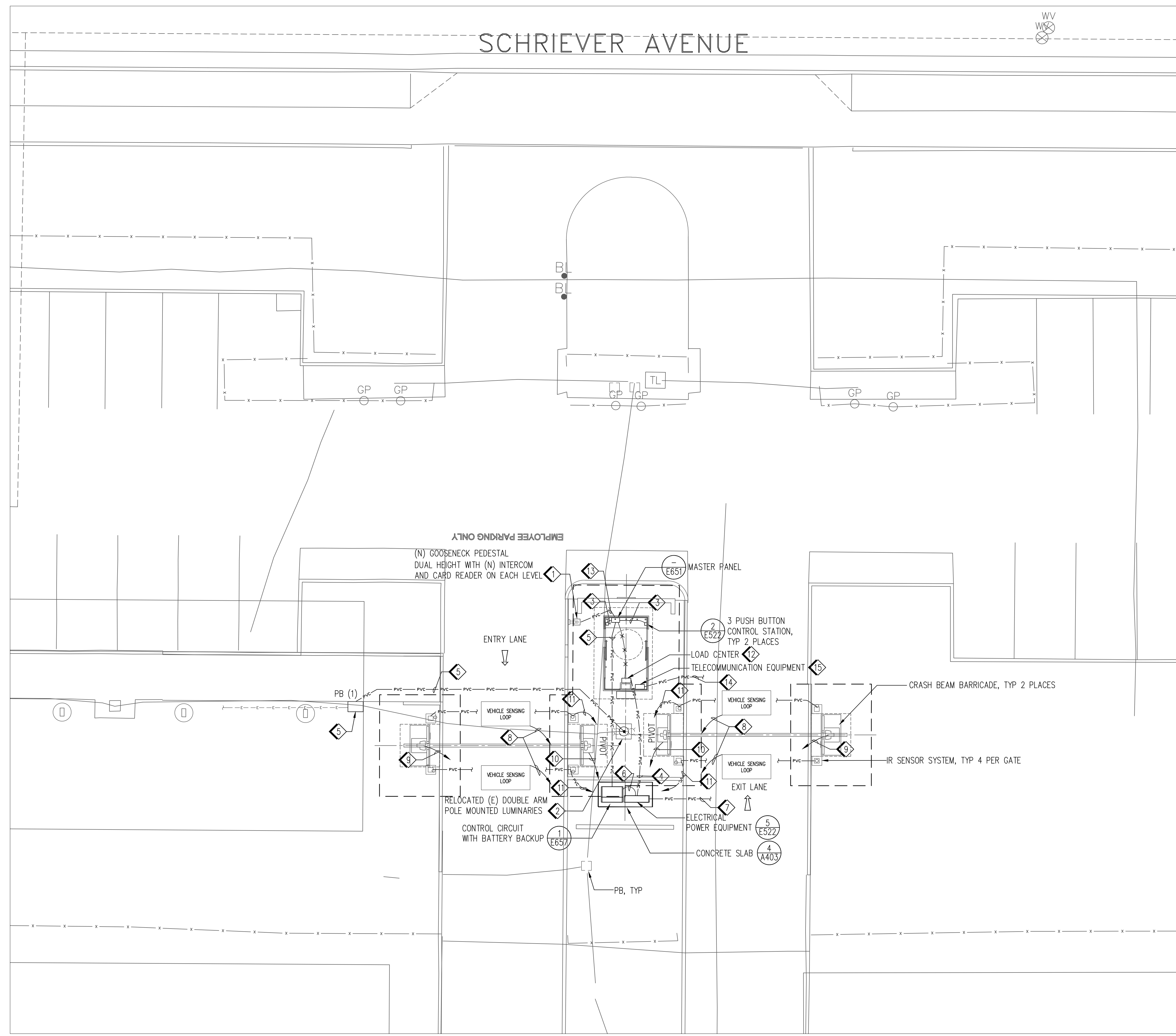
- 1 FOR INSTALLATION OF GOOSENECK PEDESTAL DUAL HEIGHT, SEE DETAIL 2 ON SHEET E521. REWIRE PREVIOUSLY IDENTIFIED (E) CABLES AND CONDUCTORS TO NEW CARD READERS AND INTERCOM DEVICES. EXTEND (E) CABLES AND CONDUCTORS WITH NEW CONDUIT AND CONDUCTORS TO NEW DEVICES AS NEEDED. CARD READER AND INTERCOM PEDESTAL SHALL BE COMPATIBLE WITH (E) SECURITY SYSTEM. CARD READER SHALL ABLE TO OPEN THE ENTRANCE GATE AND ALSO ABLE TO ACTIVATE (E) ROLLING SECURITY GATE IF CARD CREDENTIALS ARE VALID.
- 2 LIGHT POLE ANCHOR BASKET SHALL BE VERIFIED BEFORE NEW FOUNDATION IS ESTABLISHED. INSTALL AND REWIRE LIGHT POLE AND LUMINARIES WITH NEW CONDUIT AND CONDUCTORS TO NEW PULL BOX.
- 3 3/4"C, CONTROL CABLE AS REQUIRED.
- 4 1"C, 3#8, 1#10 GND (CKT# HCA 5/7)
- 5 3/4"C, 1 CAT 6 ETHERNET CABLE.
- 6 1 1/2"C, 6#10, 1#10 GND (CKT# HPUA 1/3/5 AND HPUA 2/4/6). 1"C, 4#10, 1#10 GND (CKT# HCA 1/3 AND HCA 2/4).
- 7 2"C, 3#2, 1#8 GND. FOR CONTINUATION SEE SITE PLAN ON SHEET E101.
- 8 3/4"C, TWISTED PAIR/LOOP FOR VEHICLE LOOPS TO HYDRAULIC POWER UNIT CONTROL CABINET.
- 9 3/4"C, CONTROL CONDUCTORS FOR MEGLOCK TO HYDRAULIC POWER UNIT CONTROL CABINET.
- 10 1"C, CONTROL CABLES FOR FULLY UP AND FULLY DOWN LIMIT SWITCHES TO HYDRAULIC POWER UNIT CONTROL CABINET. 3/4"C, 2#12,1#12 GND BARRIER HEATER (CKT# HCA6).
- 11 3/4"C, CONTROL CONDUCTORS FOR IR SENSOR SYSTEM TO HYDRAULIC POWER UNIT CONTROL CABINET.
- 12 PROVIDE A DEDICATE CIRCUIT OUTLET FOR MASTER TOUCH CONTROL PANEL WITH 2#12, 1#12 GND.
- 13 3/4"C, 2#12. TERMINATE KNOX BOX CONDUCTORS AT NORMALLY CLOSE INPUT TO GATE MASTER CONTROL PANEL.
- 14 1"C, PVC, 1 FC (MM), 1#8 GND. FOR CONTINUATION SEE SITE PLAN ON SHEET E101.
- 15 TERMINATE 1 FC (MM) ON FIBER PATCH PANEL AND 1#8 GND CONDUCTOR AT GROUND BAR. USE LC CONNECTORS TO CONNECT CABLES FIBER PATCH PANEL, PATCH PANEL, AND NETWORK POE+ SWITCH DEVICE INSIDE WALL MOUNTED CABINET AS REQUIRED.

2 KEY NOTES



KEY PLAN - PRIMARY ENTRANCE

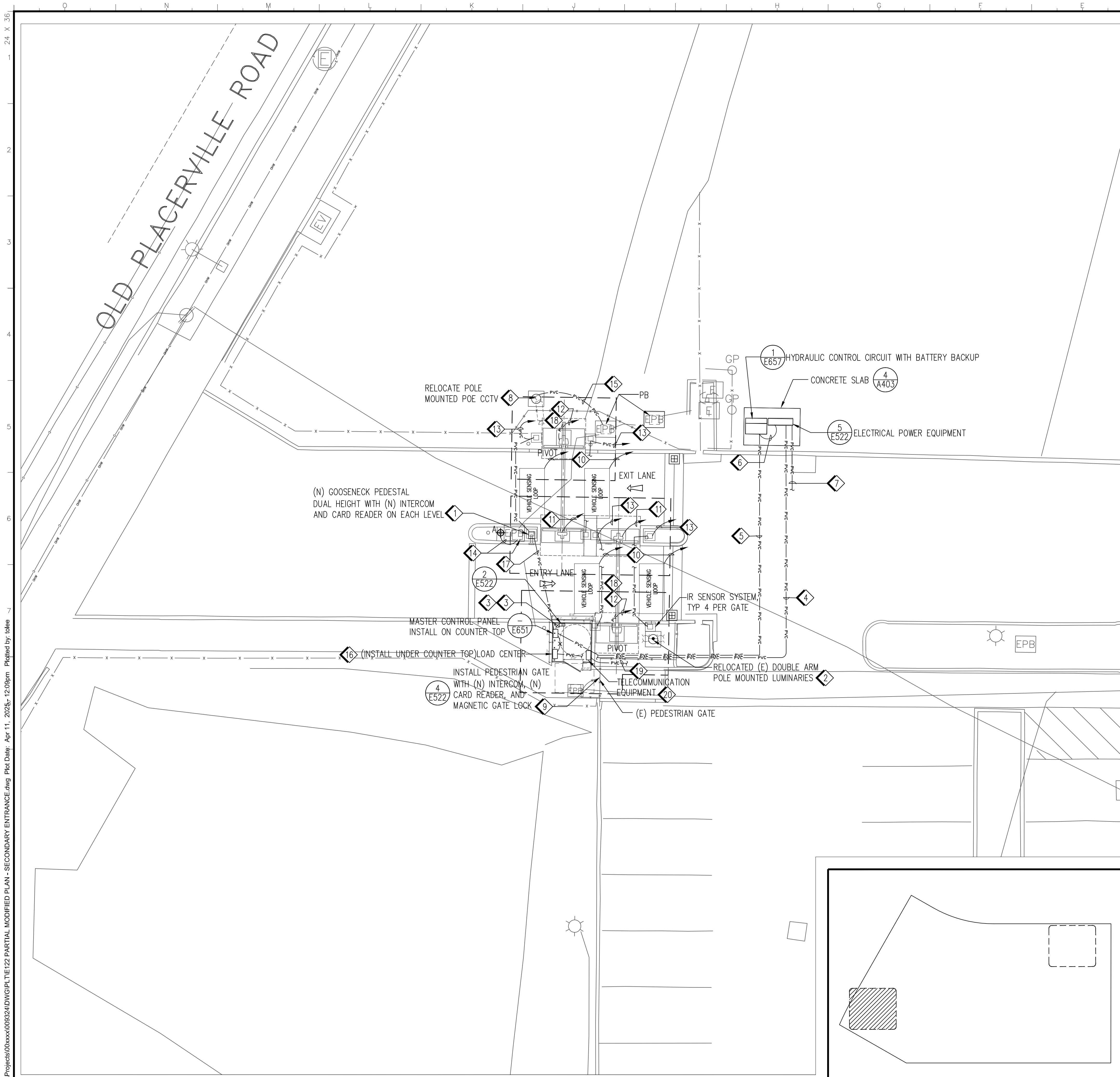
SCHRIEVER AVENUE



3 PARTIAL MODIFIED PLAN - PRIMARY ENTRANCE

1/8"=1'-0"

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\122 PARTIAL MODIFIED PLAN - SECONDARY ENTRANCE.dwg Plot Date: Apr 11, 2025, 12:09pm Plotted by: llee



CAD File: X:\Projects\00xxxx\009324\DWG\PLT\E152 CCTV PLANS.dwg Plot Date: Apr 08, 2025 - 11:29pm Plotted by: lelee

- 1

1/2" C WITH CAT 6 CABLE. TERMINATE CAT 6 CABLE BETWEEN WALL MOUNTED CCTV CAMERA AND CAT 6 PATCH PANEL AT TELECOMMUNICATION EQUIPMENT. FOR CCTV CAMREA INSTALLATION DETAIL, SEE DETAIL 1 ON SHEET E522.
- 2

EXTERIOR WALL MOUNT CCTV NETWORK CAMERA LOCATION.
- 3

RELOCATED POLE, CCTV CAMERA, AND NEMA 3R JUNCTION BOX LOCATION.
- 4

3/4" C, CAT 6 CABLE FROM NEW PULL BOX TO EXISTING POE INJECTOR INSIDE NEMA 3R JUNCTION BOX.
- 5

SPLICE EXISTING AND NEW CAT 6 CABLES WITH WATERPROOF COUPLER .THE COUPLER SHALL BE PLACED IN THE WEATHERPROOF ELECTRICAL CONNECTION BOX AND PLACE THE BOX INSIDE THE PULL BOX.
- 6

SEE NOTE 15 ON SHEET E122 FOR CCTV CAMERA POWER.
- 7

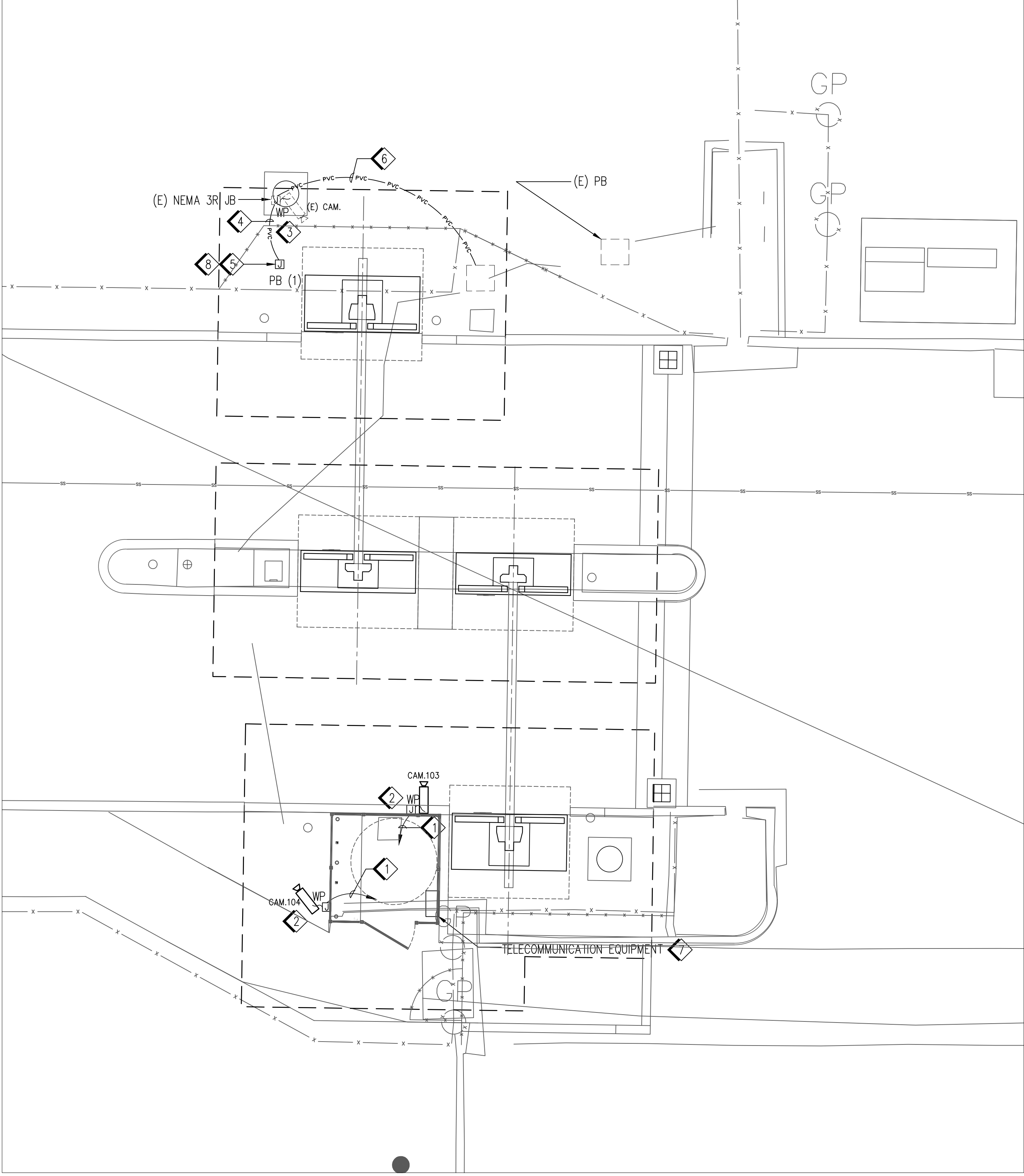
FOR TELECOMMUNICATION SCHEDULE, SEE DETAIL 3 ON SHEET E622. FOR CCTV CAMERA SCHEMATIC DIAGRAM, SEE DETAIL 1 ON SHEET E651.
- 8

FOR PULL BOX SCHEDULE, SEE DETAIL 6 ON SHEET E622.

CAMERA NAME	DISCRPTION	MANUFACTURER	MODEL #	LENS	MOUNTING		AREA	OPTICS	RECORD SETTING	RESOLUTION	POWER	COLOR
					TYPE	DETAIL						
CAM.101	NETWORK OUTDOOR CAMREA	AXIS, OR EQUAL	Q1798-LE	CLEAR	WALL	THIS SHEET	PRIMARY ENTRANCE	FIXED	CONTINUOUS	10 MP @ 4K	POE	WHITE
CAM.102	NETWORK OUTDOOR CAMREA	AXIS, OR EQUAL	Q1798-LE	CLEAR	WALL	THIS SHEET	PRIMARY ENTRANCE	FIXED	CONTINUOUS	11 MP @ 4K	POE	WHITE
CAM.103	NETWORK OUTDOOR CAMREA	AXIS, OR EQUAL	Q1798-LE	CLEAR	WALL	THIS SHEET	SECONDARY ENTRANCE	FIXED	CONTINUOUS	12 MP @ 4K	POE	WHITE
CAM.104	NETWORK OUTDOOR CAMREA	AXIS, OR EQUAL	Q1798-LE	CLEAR	WALL	THIS SHEET	SECONDARY ENTRANCE	FIXED	CONTINUOUS	13 MP @ 4K	POE	WHITE

2

KEY NOTES



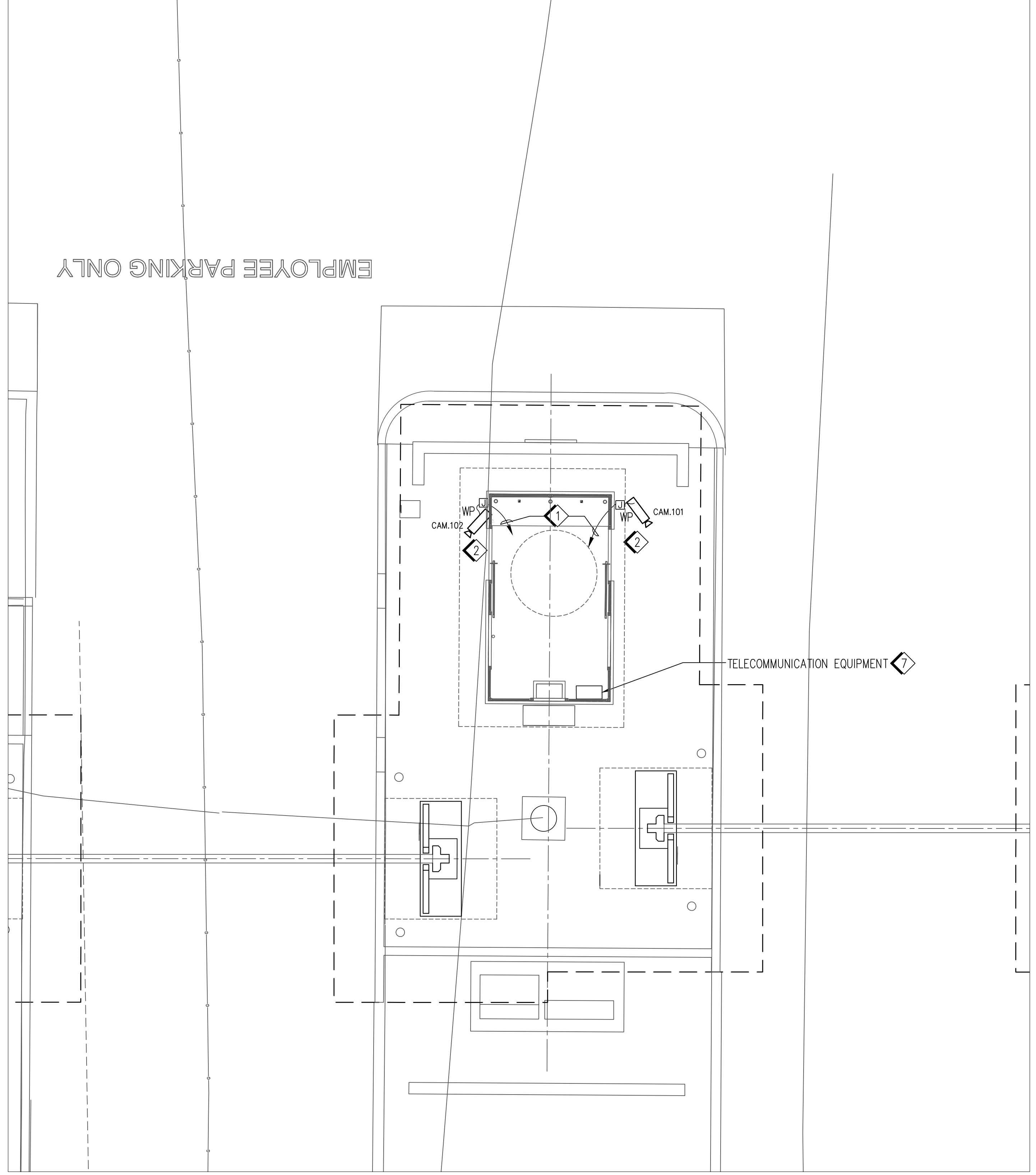
4

GUARD HOUSE - SECONDARY ENTRANCE

1/4"=1'-0"

1

CCTV CAMREA SCHEDULE



3

GUARD HOUSE - PRIMARY ENTRANCE

1/4"=1'-0"

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 02-122133 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 05/14/2025

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04/28/25

24-0106

SINCE 1850

FIRE

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Department of General Services
Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch

707 Third Street, Suite 4-105
West Sacramento, California 95605

RECORDED PROFESSIONAL ENGINEER
TOMMY F. LEE
No. E-18534
ELECTRICAL
STATE OF CALIFORNIA
4/9/25

Issue		
No.	Date	Description

Project
OES SECURITY UPGRADES

3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY

OFFICE OF EMERGENCY SERVICES

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

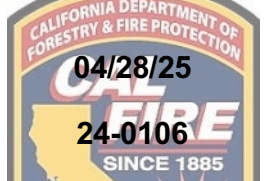
Sheet Title
CCTV PLANS

Project Number
000000000009324

Reference North	Sheet Scale AS SHOWN
	Sheet Number E152

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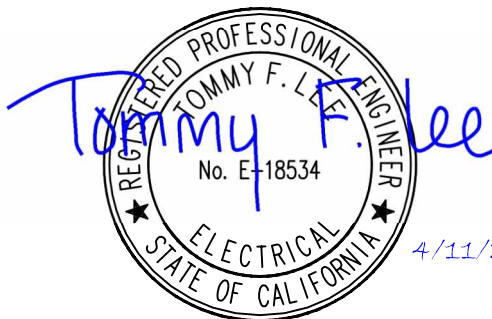


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Issue		
No.	Date	Description

Project
OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

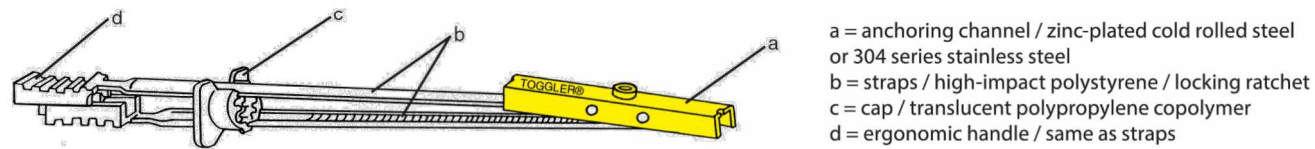
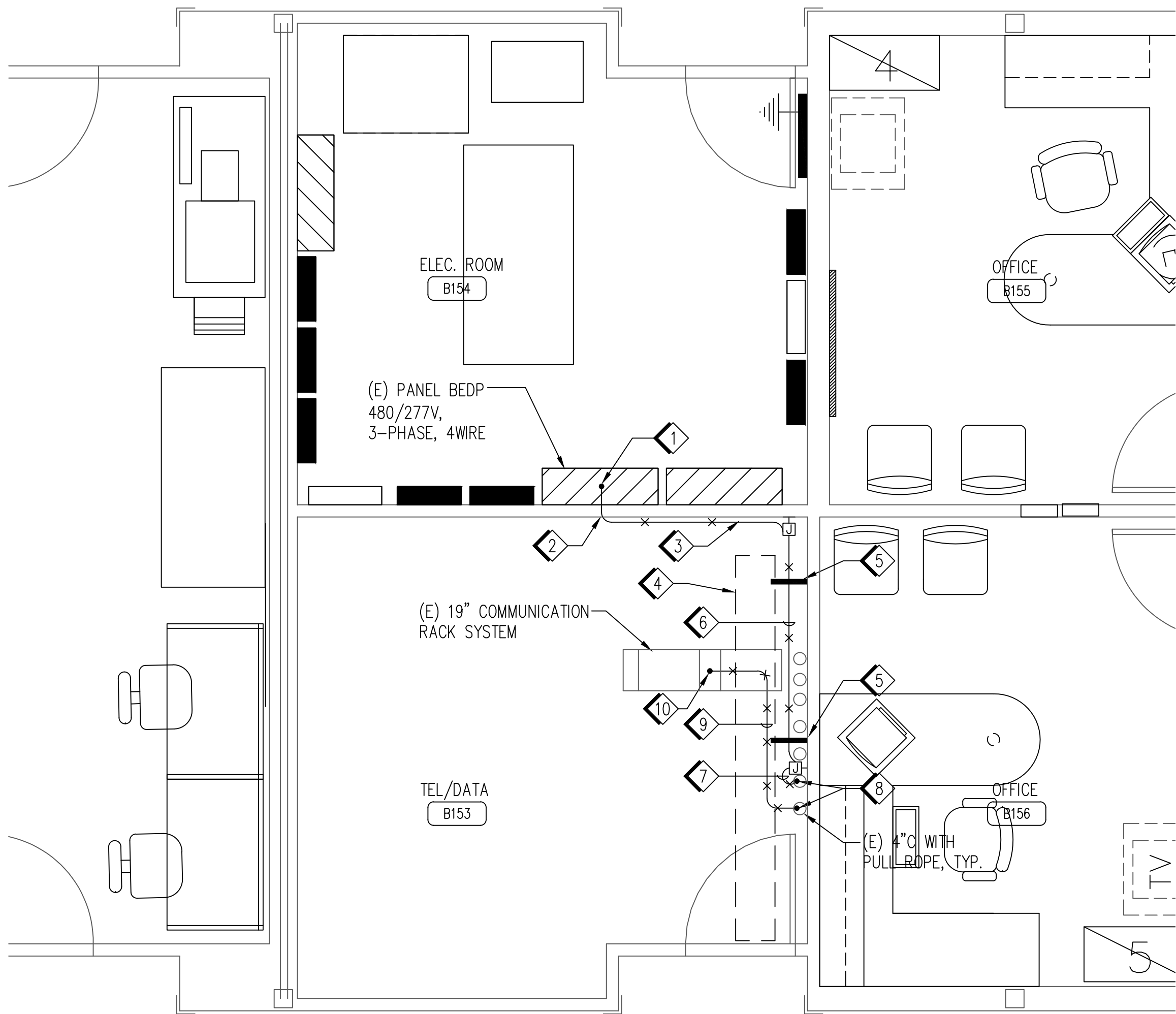
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ENLARGED FLOOR PLAN - BUILDING B AND DETAILS

Project Number 000000000009324		
Reference North 	Sheet Scale AS SHOWN	Sheet Number E421

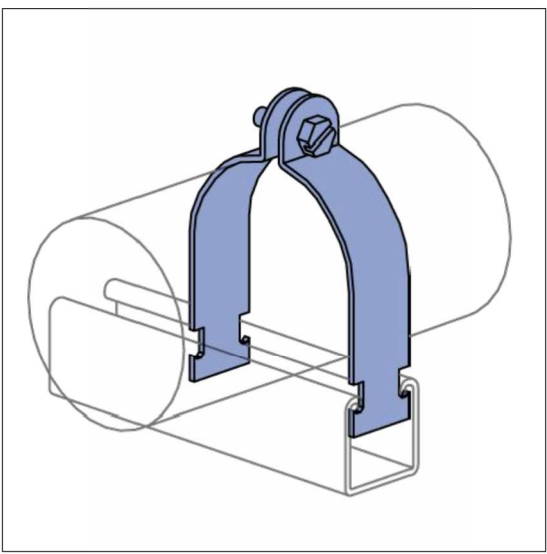
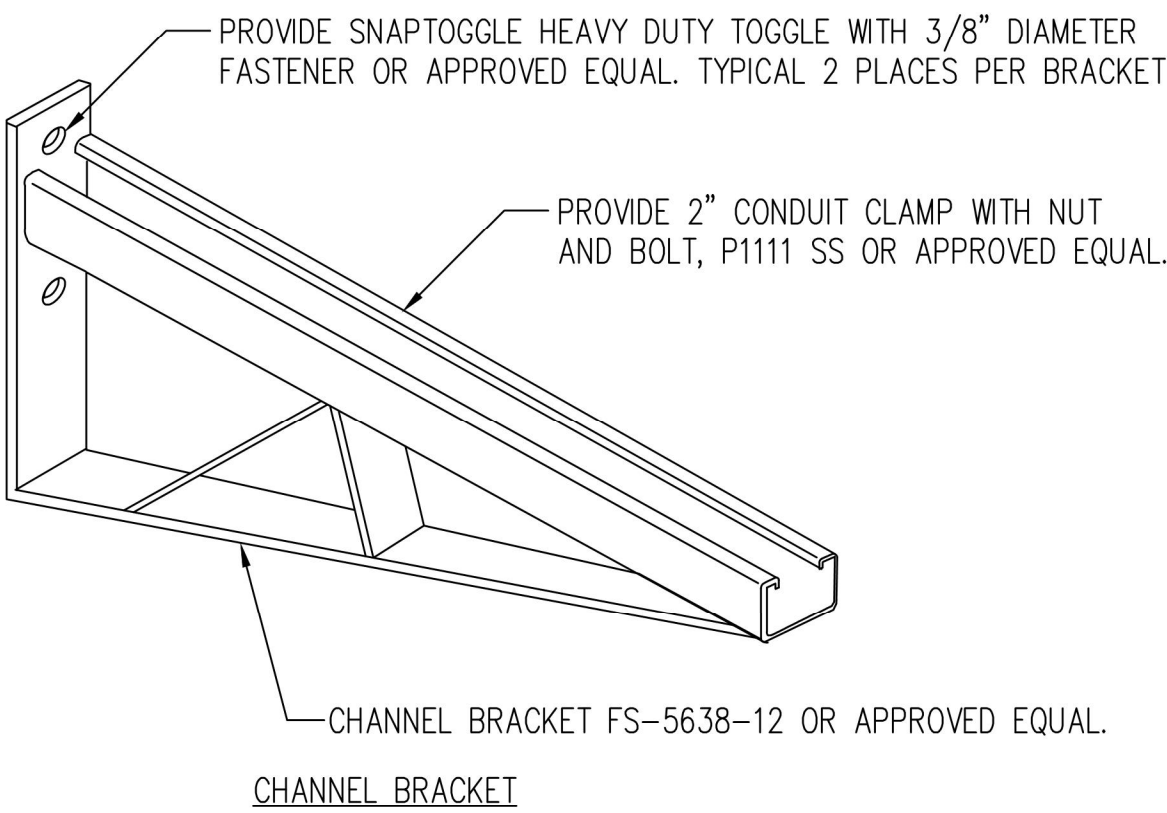
- 1 INSTALL 40A/3P CB AT CIRCUIT SPACE NUMBER 8/10/12 ON (E) PANEL BEDP FOR PRIMARY ENTRANCE GATE AND TERMINATE 3#2 CONDUCTORS AT THE CIRCUIT BREAKER. UPDATE THE PANEL DIRECTORY AS "PRIMARY ENTRANCE POWER".
- 2 CORE DRILL THROUGH THE WALL AS REQUIRED TO INSTALL CONDUIT AND CONDUCTORS. PROVIDE JOINT SEALANT AROUND PENETRATIONS ON BOTH SIDES OF THE WALL.
- 3 INSTALL 2"C, EMT, 3#2, 1#8 GND ON (E) WALL WITH CONDUIT SUPPORTS.
- 4 (E) 12" WIDE LADDER RACK SYSTEM AT 7'-2" A.F.F.
- 5 FOR CHANNEL BRACKET INSTALLATION DETAIL, SEE DETAIL 3 ON THIS SHEET.
- 6 2"C, EMT, 3#2, 1#8 GND ON CHANNEL BRACKET WITH CONDUIT CLAMPS.
- 7 2" ENT (ELECTRICAL CONDUIT PVC FLEXIBLE NONMETALLIC TUBING - GREY COLOR), 3#2, 1#8 GND.
- 8 FOR CONTINUATION OF CONDUIT AND CONDUCTORS INSIDE (E) 4"C, SEE SITE PLAN ON SHEET E101.
- 9 1" CORRUGATED CONDUIT - ORANGE COLOR, 1 FC (MM), 1#8 GND (FROM TMCB).
- 10 TERMINATE 1 FC (MM) ON FIBER PATCH PANEL AND 1#8 GND CONDUCTOR AT GROUND BAR. USE LC CONNECTORS TO CONNECT CABLES FIBER PATCH PANEL, PATCH PANEL, AND NETWORK POE+ SWITCH DEVICE AS REQUIRED. MOUNT TELECOMMUNICATION EQUIPMENT AT LOWER OPEN SPACE OF RACKING SYSTEM.

1 KEY NOTES

NONE



HEAVY DUTY TOGGLE



CONDUIT CLAMP

NOTES: CHANNEL BRACKET SHALL BE INSTALLED WITHIN 30" BELOW UNDERSIDE OF METAL DECK COMMUNICATION RACEWAY SYSTEM. CONTRACTOR SHALL PROTECT CABLE TRAY IN-PLACE FOR CONTINUOUS BUILDING OPERATIONS. CONTRACTOR SHALL TAKE INTO CONSIDERATION OF LIMITED ACCESS DUE TO THE EXISTING CABLE TRAY OBSTRUCTION AND INCLUDE PROVISIONS FOR ACCESS NEEDED FOR CONDUIT INSTALLATION, NOT LIMITED TO SCAFFOLD AS REQUIRED.

3 CONDUIT MOUNTING DETAIL

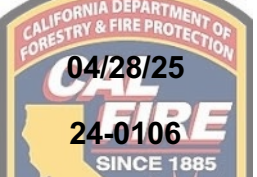
NO SCALE

2 ENLARGED FLOOR PLAN - BUILDING B

3/8" = 1'-0"

RELATIVE BORDER SCALE IN INCHES

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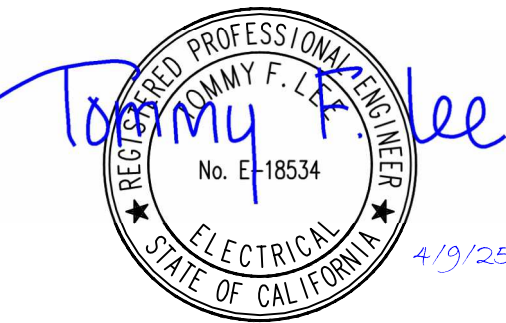


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No.	Date	Description

Project
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MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

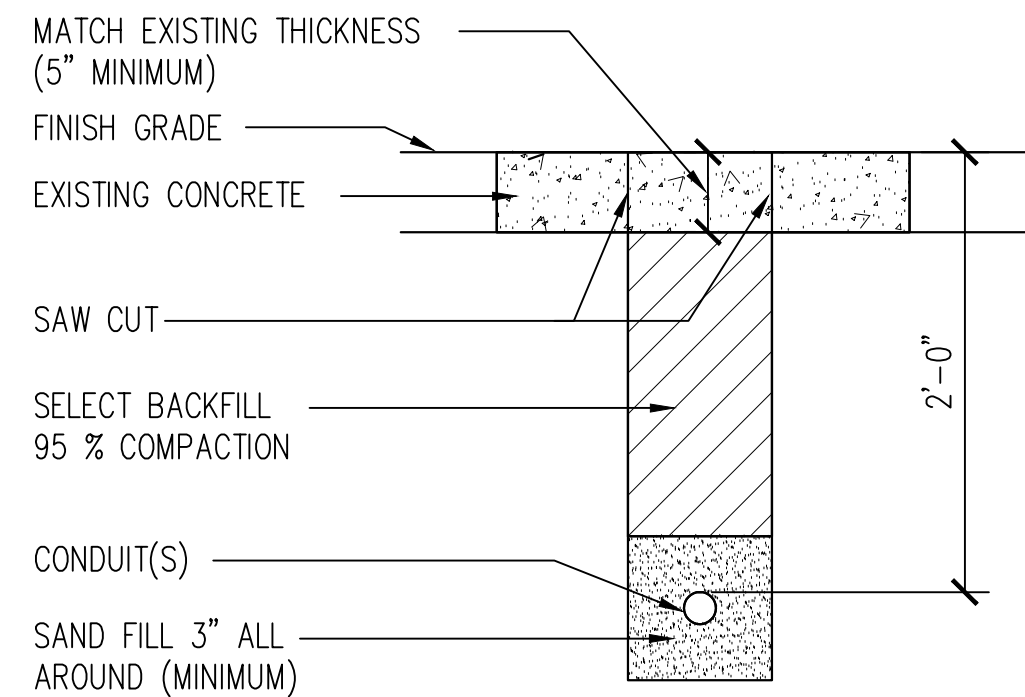
Supervisor J.ABELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
DETAILS 1

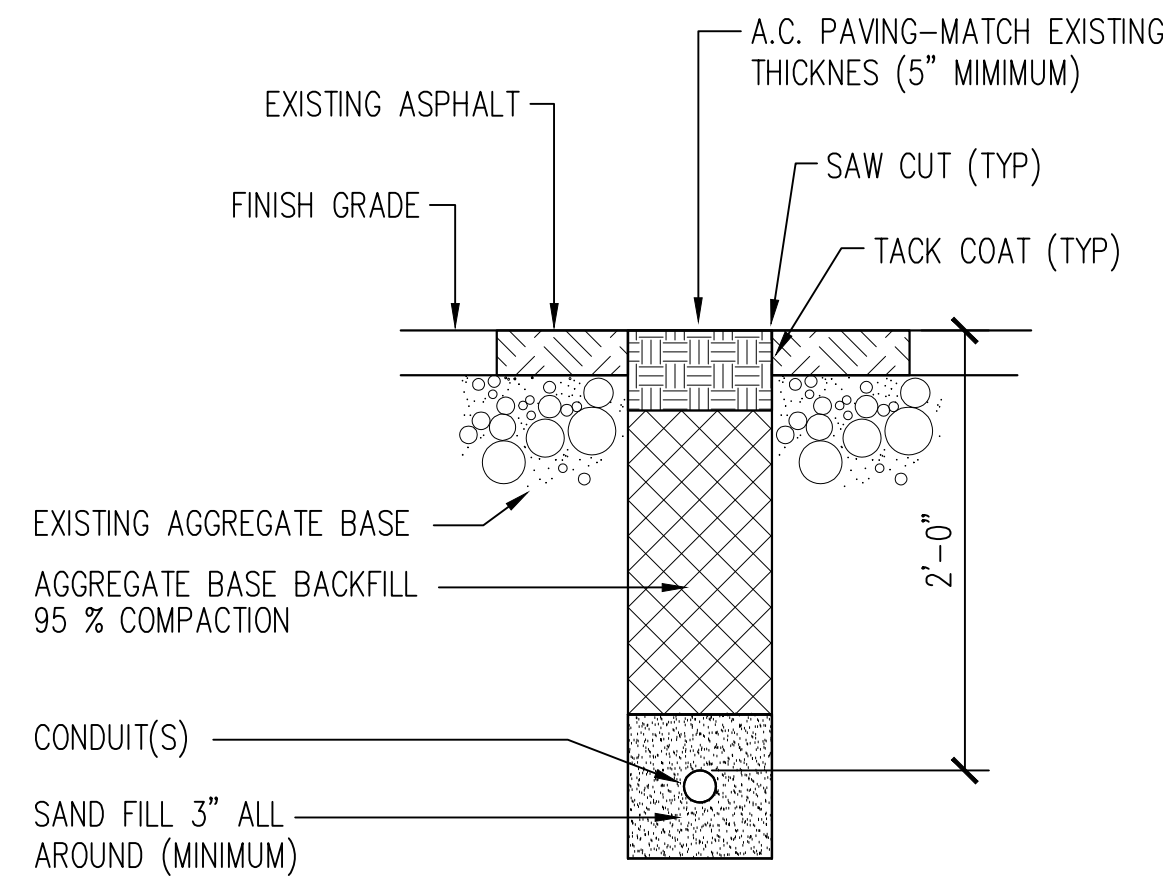
Project Number 000000000009324		
Reference North 	Sheet Scale NONE	Sheet Number E521

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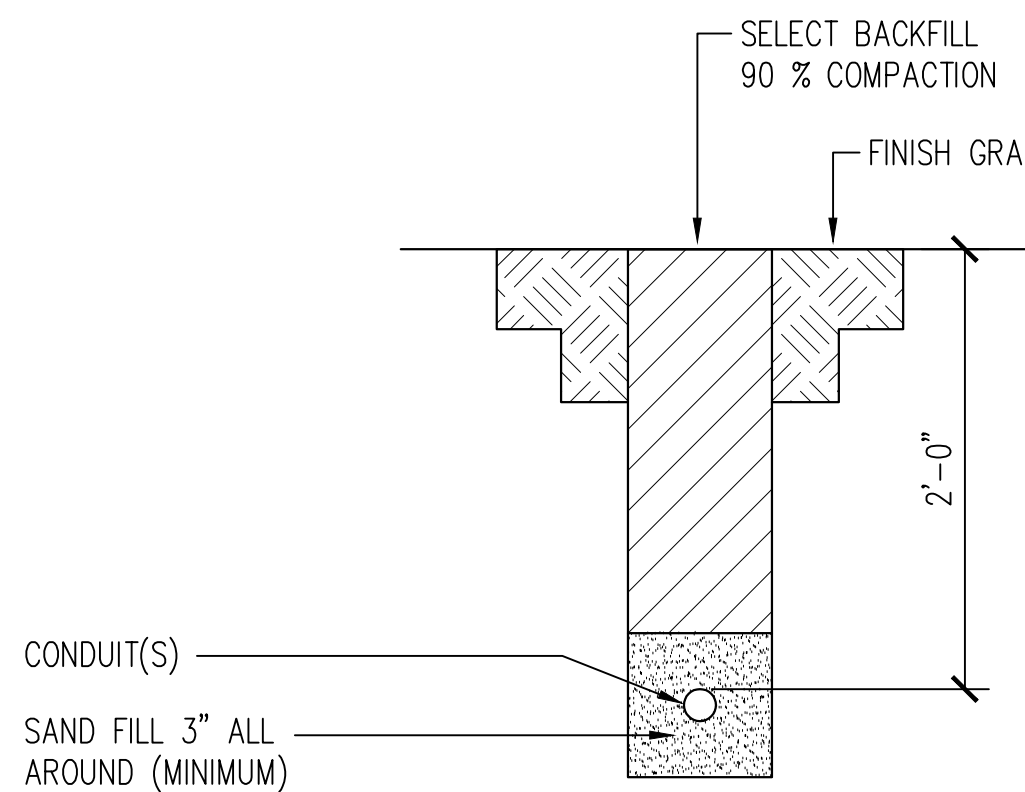
V2



C TRENCH DETAIL-CONCRETE PAVING



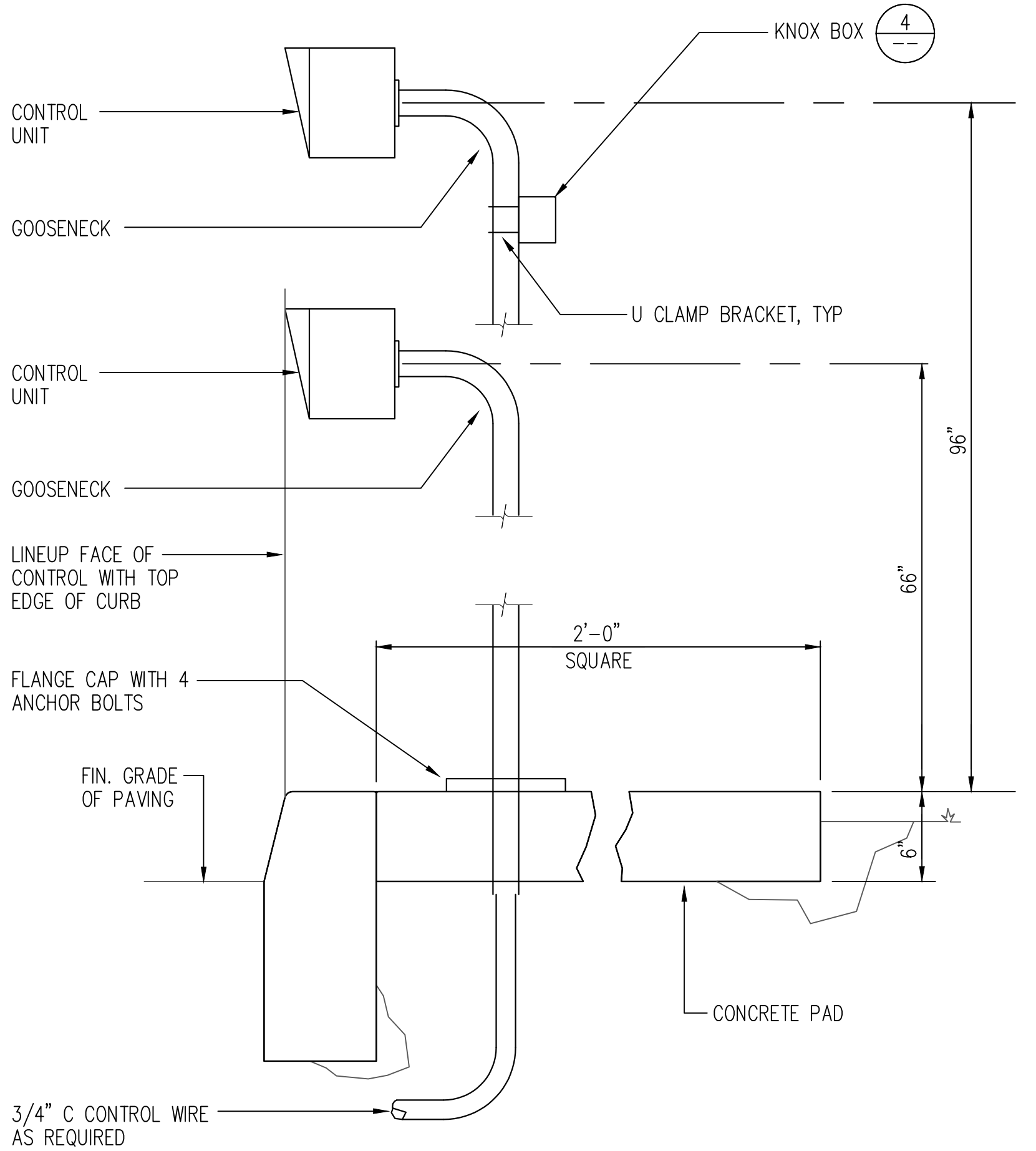
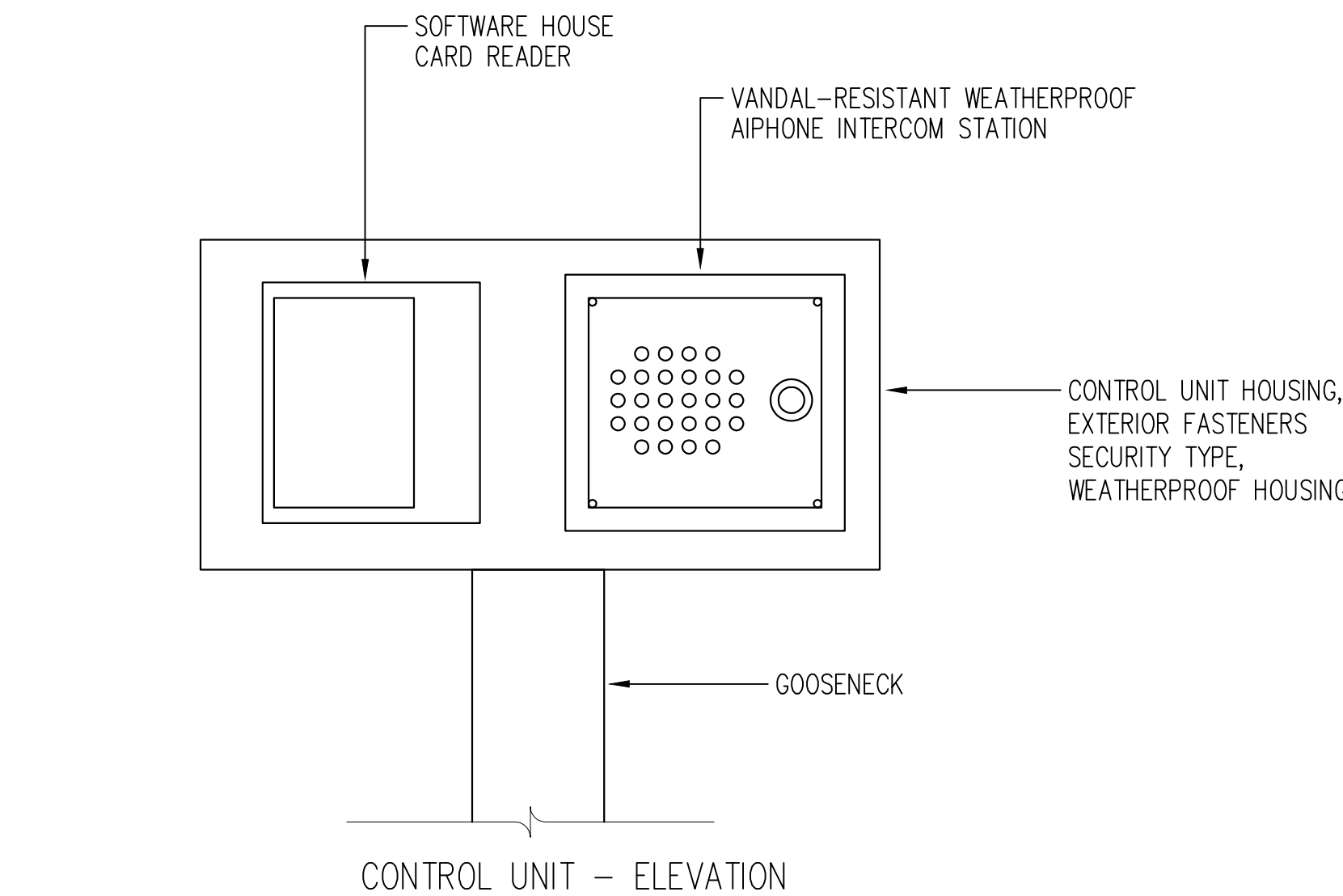
B TRENCH DETAIL-ASPHALT PAVING



A TRENCH DETAIL-DIRT AREA

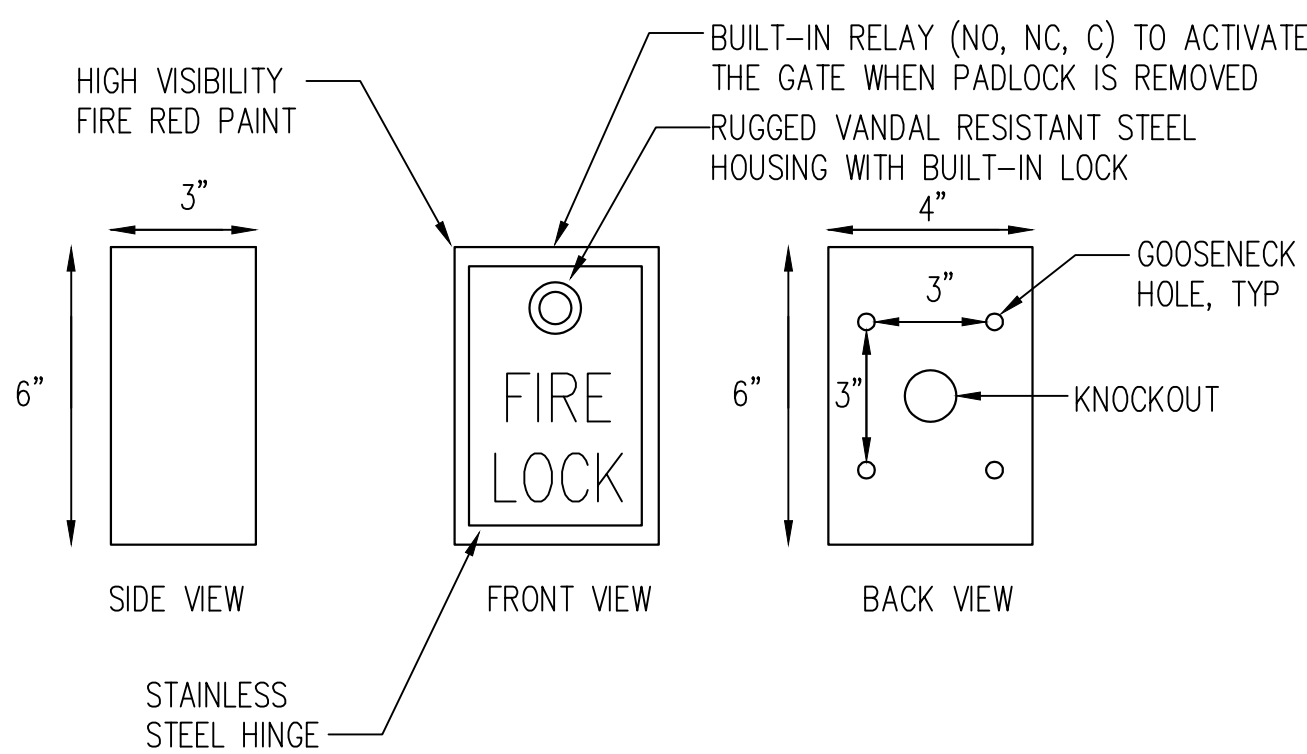
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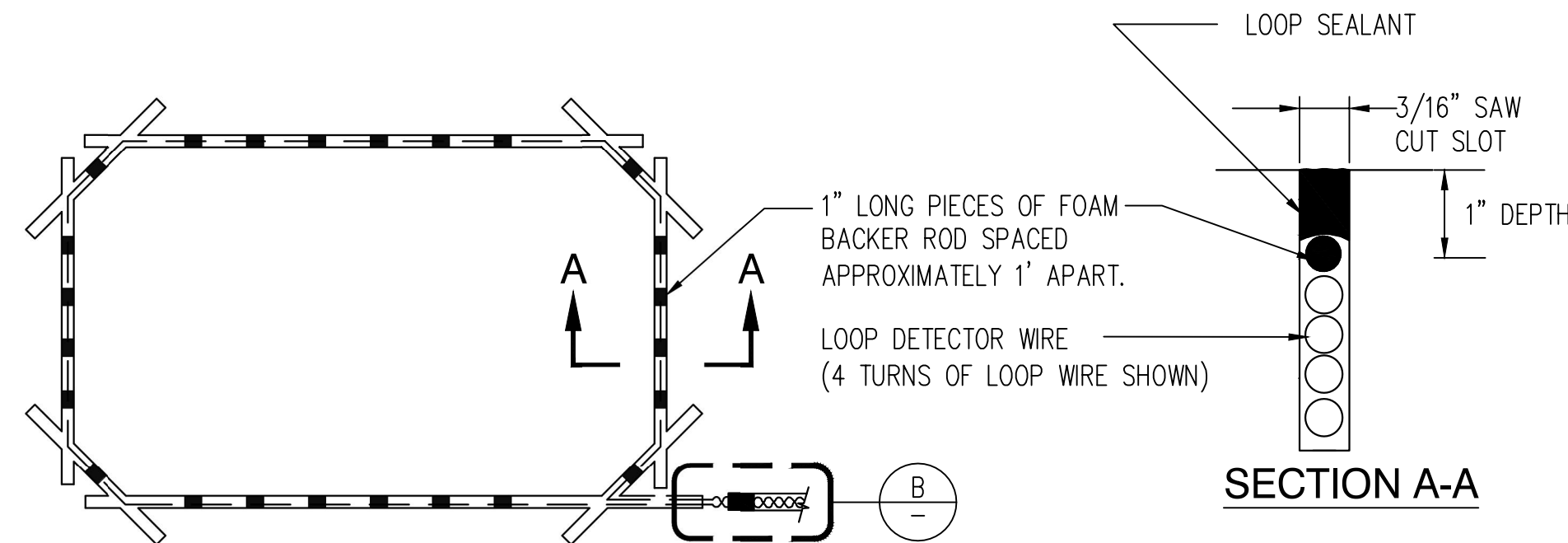
2 GOOSENECK PEDESTAL DUAL HEIGHT DETAIL

NO SCALE



4 KNOX BOX DETAIL

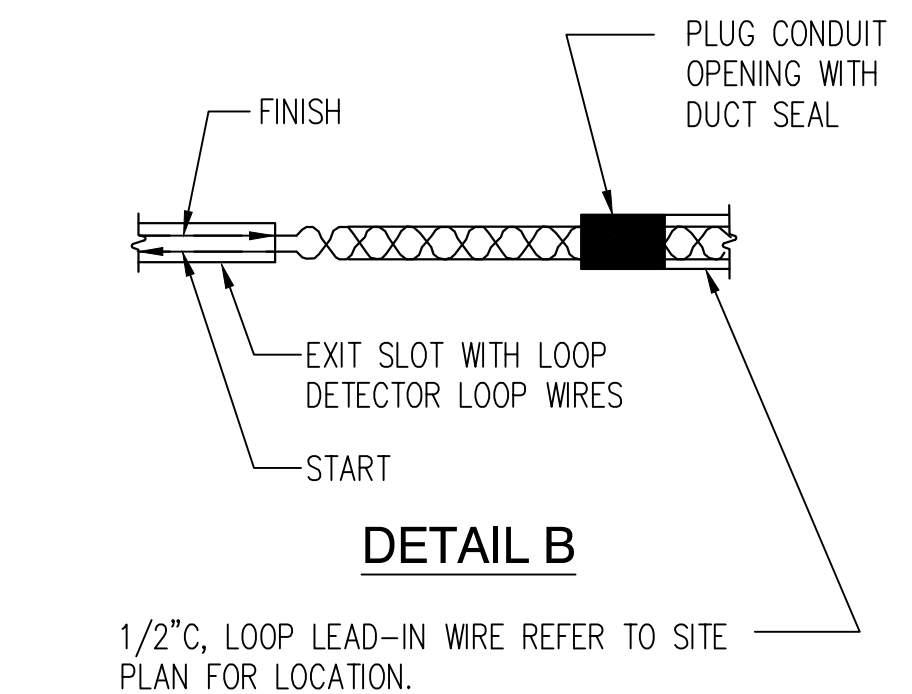
NO SCALE



NOTES FOR TYPICAL LOOP LAYOUT:

- DEPTH OF SAW CUT WILL VARY DEPENDING ON THE NUMBER OF WIRE TURNS, TYPICALLY 1 1/2" FOR 1-3 TURNS AND 2" FOR 4-6 TURNS. THE SAW CUT MUST BE FREE FROM LOOSE DEBRIS.
- THE LOOP SHALL BE RECTANGLE WITH 45 DEGREE ANGLED CORNERS. DO NOT ALLOW THE RECTANGLE SAW CUTS TO CONNECT IN THE CORNERS OR THE TRIANGLE PIECES THAT ARE CREATED WILL EVENTUALLY BREAK FREE FROM THE ROADWAY.
- THE LOOP WIRE SHALL BE 18 AWG CROSS LINKED POLYETHYLENE (XLPE) INSULATED WIRE WITH COLD SEALANT.
- THE LOOP WIRES MUST BE HELD SECURELY IN THE BOTTOM OF THE SLOT BY MEANS OF A PLASTIC FOAM TYPE MATERIAL CALLED "BACKER ROD".
- THE LEAD-IN WIRE IS A CONTINUATION OF THE LOOP WIRE (NO SPLICING). THE LEAD-IN WIRE MUST BE TIGHTLY TWISTED TOGETHER WITH A MINIMUM OF 6 TURNS PER FOOT. USE TAPE ON THE TWISTED END TO HOLD THE WIRES TOGETHER. THIS PREVENTS FALSE CALLS FROM MOVEMENT BETWEEN THE WIRES.

CAUTION: DO NOT FRACTURE WIRE INSULATION. LOOPS SHORTED TO GROUND WILL CAUSE DETECTOR MALFUNCTION. WHEN PLACING WIRE IN THE SLOT, DO NOT USE SCREWDRIVER OR OTHER SHARP TOOLS.



THE NUMBER OF WIRE TURNS REQUIRED FOR EACH LOOP
LOOP AREA (SQ. FT.) MULTIPLY LOOP WIDTH BY LOOP LENGTH

LOOP AREA IN SQUARE FEET	NUMBER OF TURNS REQUIRED
6-12	6
12-60	4
60-240	3

3 VEHICLE SENSING LOOP DETAIL

NO SCALE

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\E521 DETAILS 1.dwg Plotted by: Dalee Apr 08, 2025 - 11:29pm

RELATIVE BORDER SCALE IN INCHES

ISSUE DATE: SEPTEMBER 4, 2025

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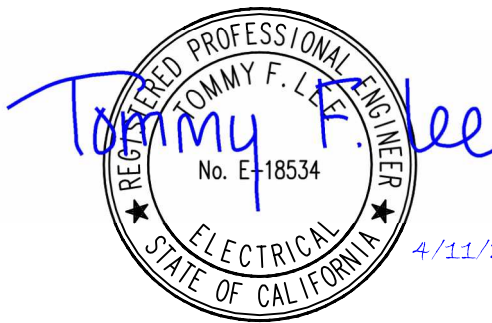


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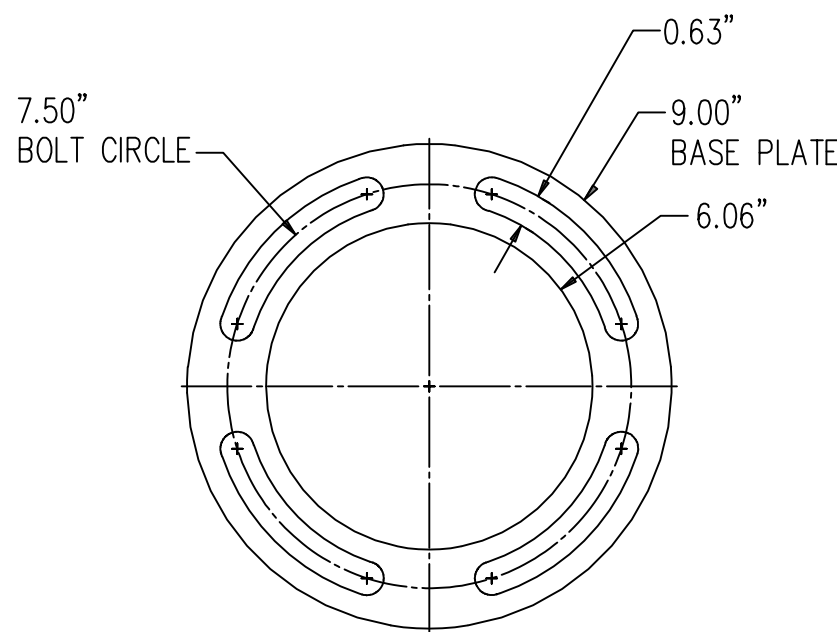
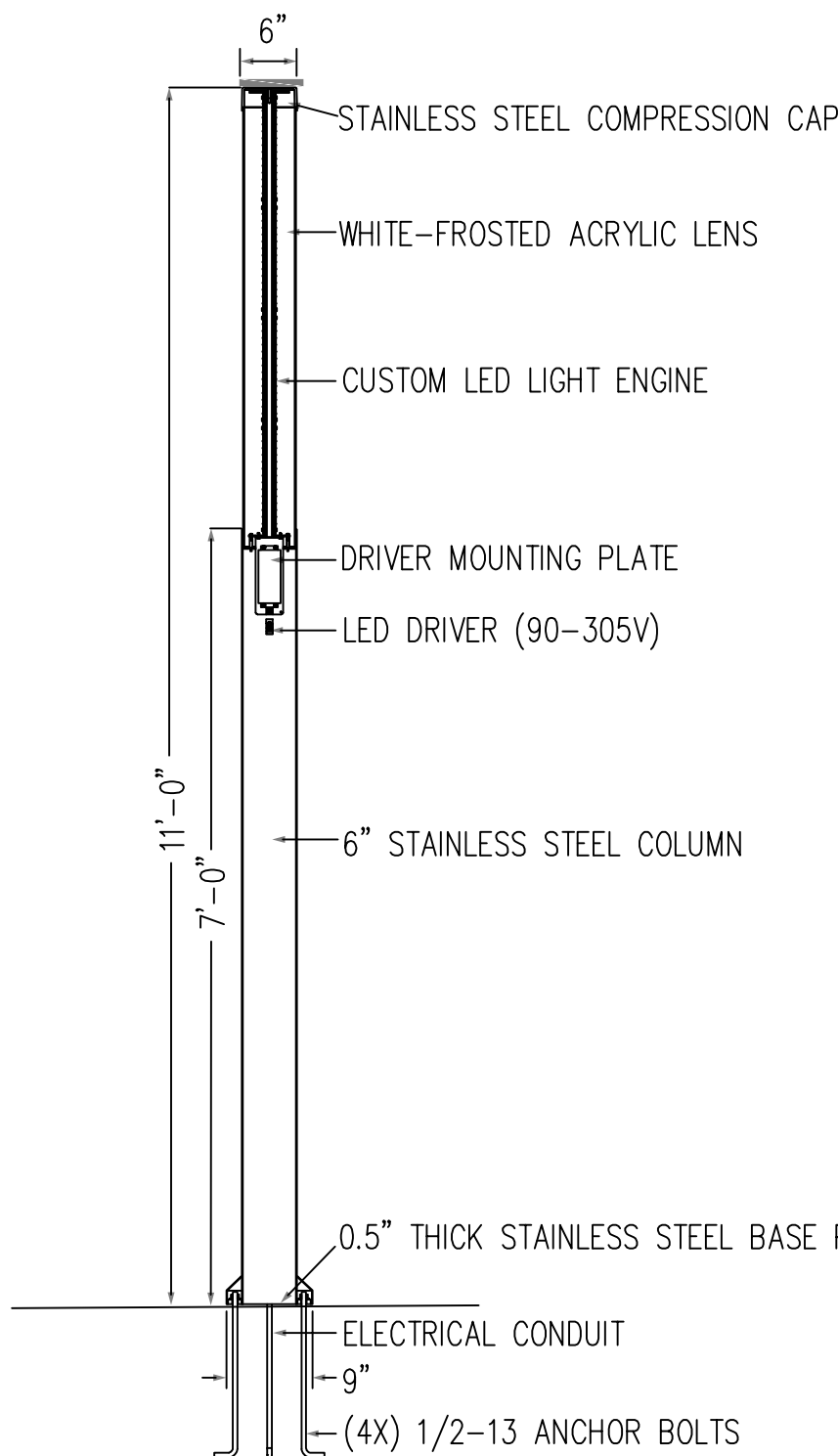
Issue		
No.	Date	Description

Project
OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor	Designed	Drawn
J ABDELSAYED	T.LEE	T.LEE
DSA App No.	SFM Permit No.	
02-122133	24-N-0106-C-DR	

Sheet Title
DETAILS 2

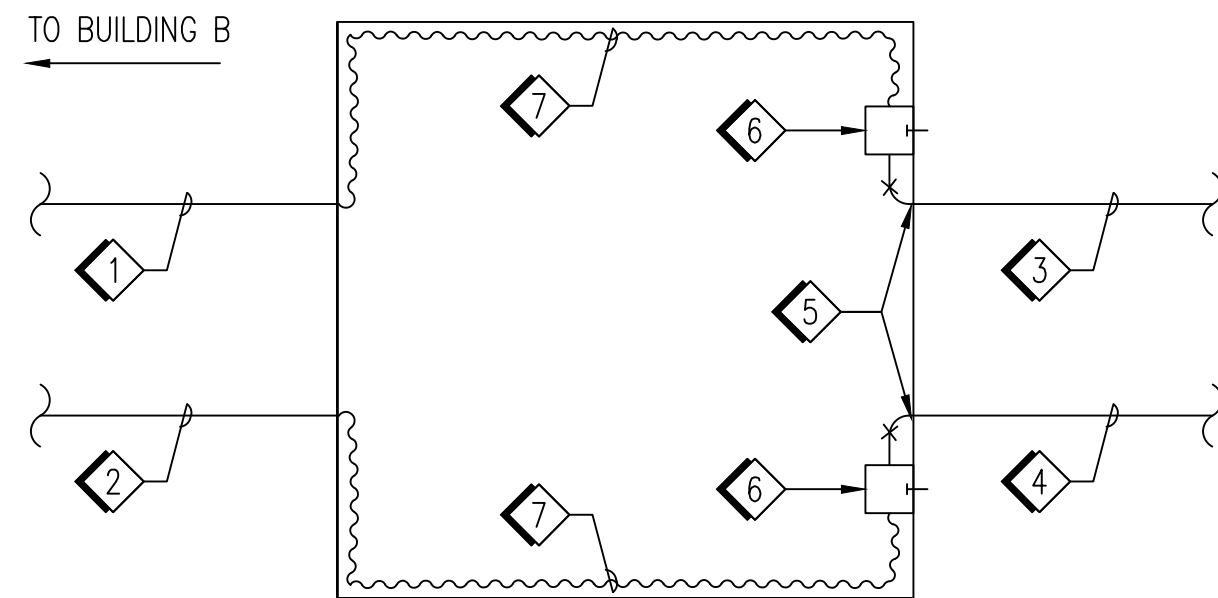
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Reference North	Sheet Scale	Sheet Number
	NONE	E522



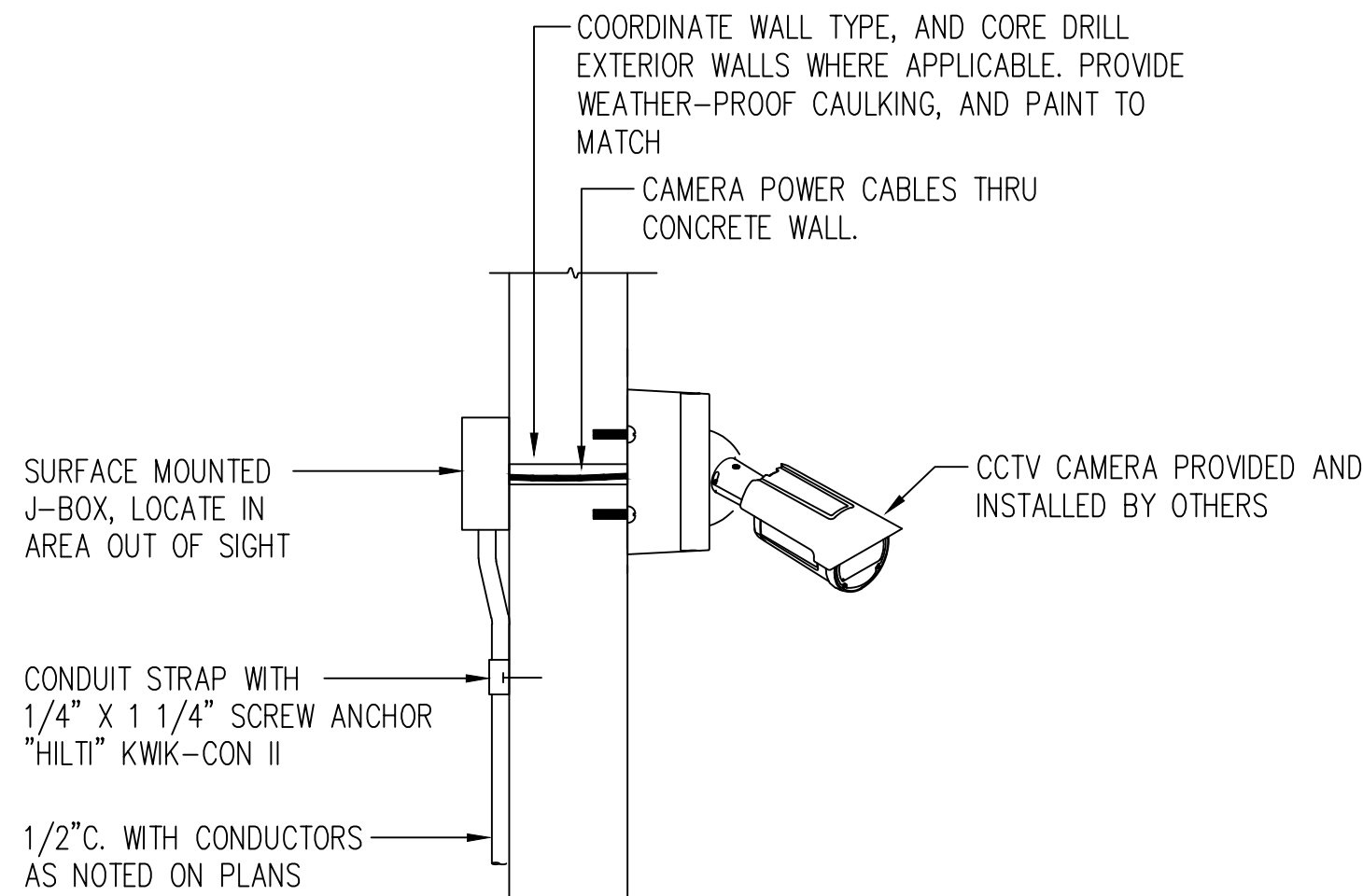
BASE PLATE MOUNTING DETAIL

KEY NOTES:

- 2" ENT (ELECTRICAL CONDUIT PVC FLEXIBLE NONMETALLIC TUBING - GREY COLOR), 3#2, 1#8 GND INSIDE (E) 4" CONDUIT.
- 1" CORRUGATED CONDUIT - ORANGE COLOR, 1 FC (MM), 1#8 GND INSIDE (E) 4" CONDUIT.
- 2"C, PVC, 3#2, 1#8 GND.
- 1"C, PVC, 1 FC (MM), 1#8 GND.
- DRILL (E) SERVICE BOX TO SUIT NEW CONDUIT. FILLING GAP WITH MORTAR TO PREVENT WATER PENETRATION.
- USE LIQUID TIGHT CONDUIT CONNECTORS TO CONNECT CONDUIT TO NEMA 3R JUNCTION BOX.
- PROVIDE CONDUIT SUPPORT ATTACH TO EXISTING SERVICE BOX.

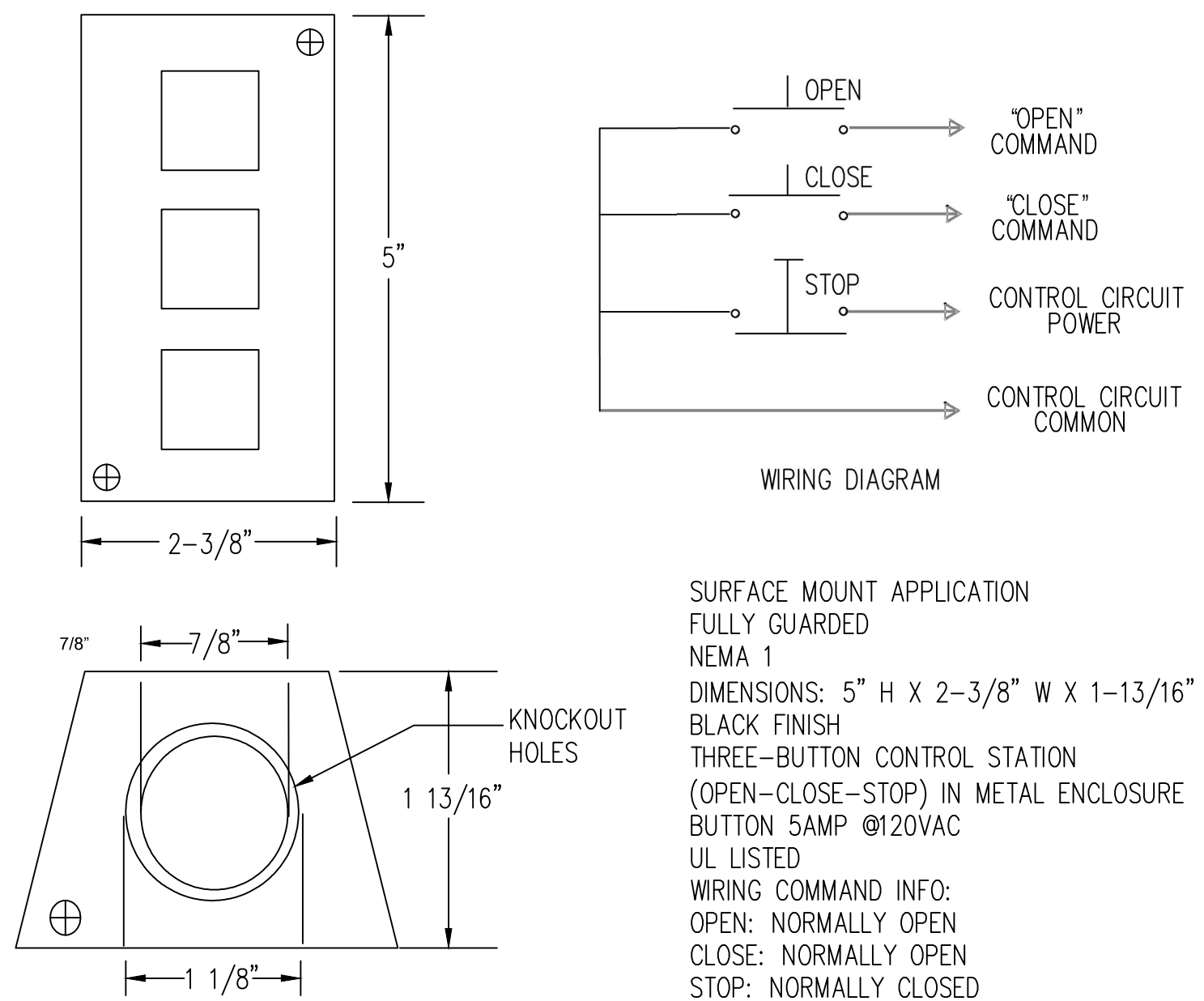


NOTE: (2) EXISTING 4"C INSIDE THE SERVICE BOX TO EAST END CAMPUS IS NOT SHOWN FOR CEARITY



1 CCTV CAMERA WALL MOUNTING

NO SCALE



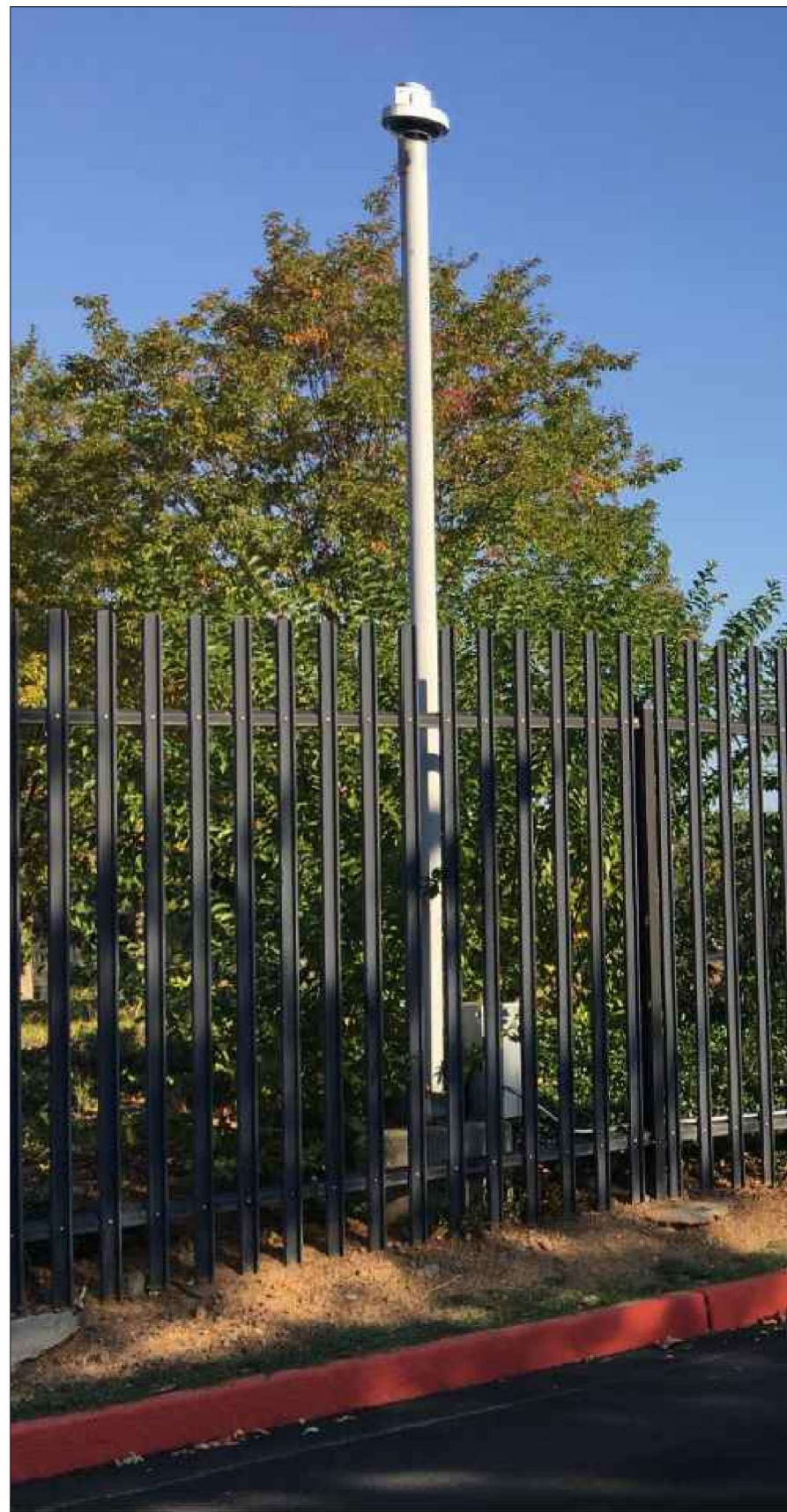
SURFACE MOUNT APPLICATION
FULLY GUARDED
NEMA 1
DIMENSIONS: 5" H X 2-3/8" W X 1-13/16" D
BLACK FINISH
THREE-BUTTON CONTROL STATION
(OPEN-CLOSE-STOP) IN METAL ENCLOSURE
BUTTON 5AMP @120VAC
UL LISTED
WIRING COMMAND INFO:
OPEN: NORMALLY OPEN
CLOSE: NORMALLY OPEN
STOP: NORMALLY CLOSED

2 3 PUSH BUTTON CONTROL STATION

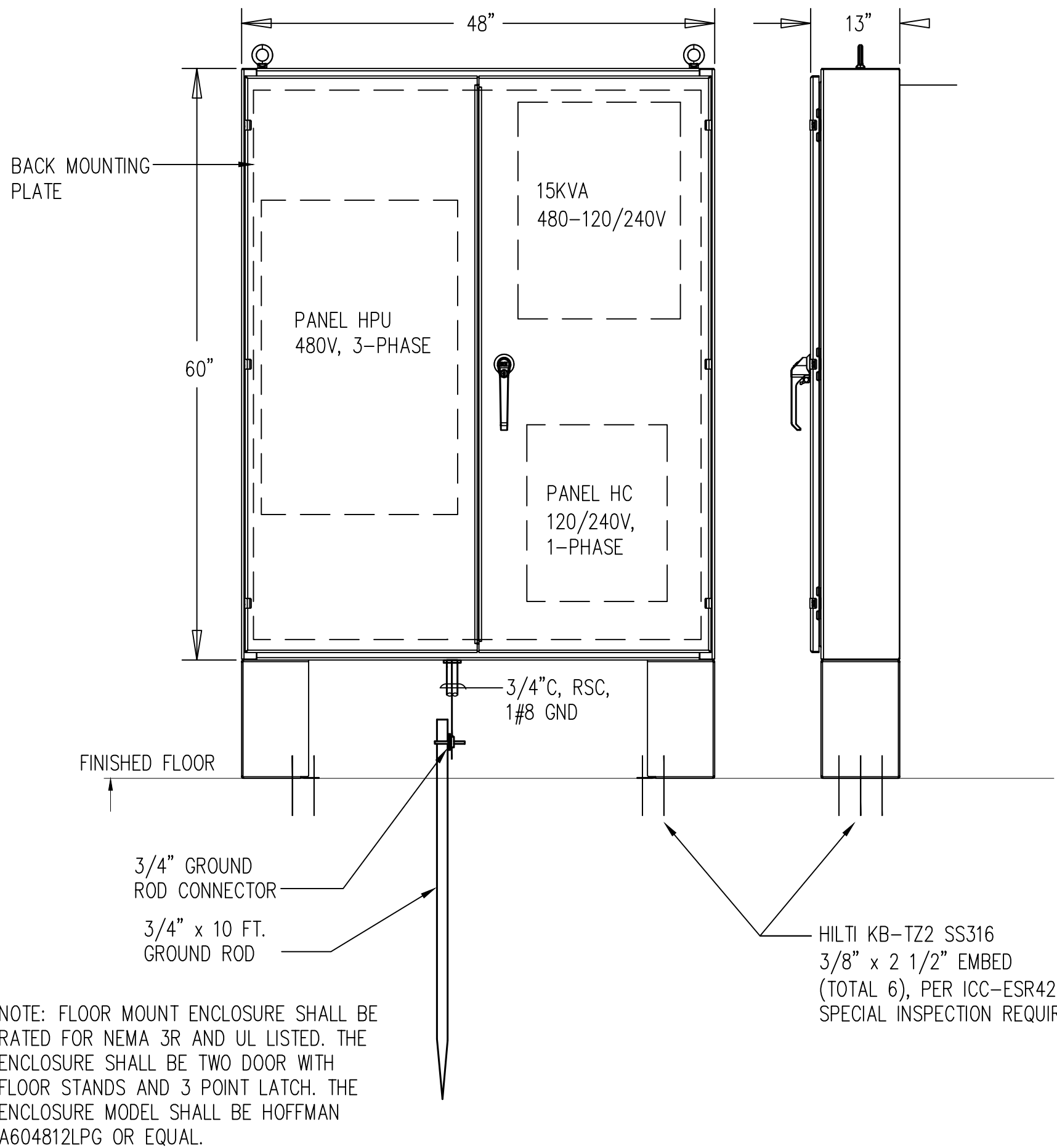
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4 STAFF ENTRANCE GATE



3 RELOCATE EXISTING OUTDOOR CAMERA, JUNCTION BOX AND POLE



NOTE: FLOOR MOUNT ENCLOSURE SHALL BE RATED FOR NEMA 3R AND UL LISTED. THE ENCLOSURE SHALL BE TWO DOOR WITH FLOOR STANDS AND 3 POINT LATCH. THE ENCLOSURE MODEL SHALL BE HOFFMAN A604812LPG OR EQUAL.

5 ELECTRICAL POWER EQUIPMENT

NONE

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\ES21 PANEL AND LIGHTING SCHEDULES.dwg Plot Date: Apr 11, 2025 - 12:10pm Plotted by: tolce

TYPE	DESCRIPTION	MANUFACTURER	LAMPS	BALLASTS	TOTAL WATTS	VOLT	MT'G.
A	6" DIA LED COLUMN LIGHT FIXTURE, 11" TALL	FORMS SURFACES	LED 30K, 80CRI	NA	182	MVOLT	BUG RATING: B1-U5-G2
	FROSTED WHITE ACRYLIC LENS	LPLCO-612					
	CUSTOM LED LIGHT ENGINE	OR EQUAL					
	WET LOCATION LISTED						
	4" TALL, 360 DEGREE WIDE DISTRIBUTION						
	7" TALL 6" DIA STAINLESS STEEL COLUMN BOTTOM						
	BASE PLATE AND GROUND MOUNT BRACKET						

(B) PANEL: BEDP													LOCATION: ELECTRICAL ROOM AT BUILDING B	
CODE	DESCRIPTION	LOAD	BKR	CIR	A	B	C	CIR	BKR	LOAD	DESCRIPTION	CODE		
L	PANEL BEH1/ PANEL BEH2	11030	100/3	1	21833			2		10803	TRANSFORMER T10	G		
L		11210		3		23675		4	70/3	12465		G		
L		7330		5			20210	6		12880		G		
G	TRANSFORMER T9	11518	70/3	7	13918			8		2400	PANEL HPUB AT PRIMARY ENTRANCE	M		
G		14030		9		22930		10	40/3	8900		M		
G		23930		11			32830	12		8900		M		
				13	0			14						
				15		0		16						
				17			0	18						
				19	0			20						
				21		0		22						
				23			0	24						
				25	0			26						
				27			0	28						
				29			0	30						
					0									
						0								
							0							
	PANEL BEM1	25500	225/3		25500									
		25500				25500								
						25500								
					61251	72105	78540							
SIZE:		400A		GROUND:				STANDARD		NOTES:				
VOLTAGE:		480/277		MOUNTING:				SURFACE						
PHASE:		3		ENCLOSURE:				NEMA 1						
WIRE:		4		FED FROM:				SOURCE FED FROM						
MAIN:		CIRCUIT BREAKER		CONNECTED KVA:				211.9						
BREAKER AIC RATING:		18K		CONNECTED AMPS:				255.0						
BUS:		COPPER		DEM AND KVA:				145.0						
NEUTRAL:		STANDARD		DEM AND AMPS:				174.5						
CODE DESCRIPTIONS: L = LIGHTING, R = RECEPTACLE, G = GENERAL EQUIPMENT, C = CONTINUOUS, H = HVAC, M = MOTOR														

(B) PANEL: CEH								LOCATION:		ELECTRICAL ROOM AT BUILDING C		
CODE	DESCRIPTION	LOAD	BKR	CIR	A	B	C	CIR	BKR	LOAD	DESCRIPTION	CODE
M	CEC-1	1300	20/3	1	2600			2	20/3	1300	WBP-1	M
M		1300				2600		4				M
M		1300					2600	6		1300		M
M		500		7	2500			8	15/2	2000		WATER JACKET
M	FC-13	500	15/3	9		2500		10		2000	HEATHER	C
M		500		11			500	12	0	SPACE		
M		300		13	4730			14		4430	EUH-1	M
M		300		15		4730		16	20/3	4430		M
M	300				4730	18		4430	M			
		19	3080			20		3080	C			
	SPARE		20/3	21		3080		22	40/3	3080	UPS	C
				23			3080	24		3080		C
				25	3400			26		1000		M
M		8900		27		9900		28	20/3	1000		JOCKEY PUMP
M	PANEL HPUB AT SECONDARY ENTRANCE	8900	40/3	29			9900	30		1000		M
M		2660		31	2760			32	20/1	100	LCPIC	C
M		2660		33		3860		34	20/1	1200	LIGHTING - ELECTRICAL RM	L
M		2660		35			4460	36	20/1	1800	LIGHTING - CHILLER/BLR	L
M	GEF-1,2	2660	15/3	37	4460			38	20/1	1800	LIGHTING - GAGE AREA	L
M		2660		39		4410		40	20/1	1750	OUTSIDE LIGHTING	L
M		2660		41			4410	42	20/1	1750	OUTSIDE LIGHTING	L
					23530	31080	29680					
SIZE:		125A	GROUND:					STANDARD		NOTES:		
VOLTAGE:		480	MOUNTING:					SURFACE				
PHASE:		3	ENCLOSURE:					NEMA 1				
WIRE:		4	FED FROM:					SOURCE FED FROM				
MAIN:		LUGS	CONNECTED KVA:					84.3				
BREAKER AIC RATING:		10K	CONNECTED AMPS:					101.4				
BUS:		COPPER	DEMAND KVA:					91.9				
NEUTRAL:		STANDARD	DEMAND AMPS:					110.6				
CODE DESCRIPTIONS: L = LIGHTING, R = RECEPTACLE, G = GENERAL EQUIPMENT, C = CONTINUOUS, H = HVAC, M = MOTOR												

PANEL: HPUA										LOCATION:		INSIDE ELECTRICAL POWER EQUIPMENT	
CODE	DESCRIPTION	LOAD	BKR	CIR	A	B	C	CIR	BKR	LOAD	DESCRIPTION	CODE	
M	ENTRY GATE	1200	15/3	1	2400			2		1200	EXIT GATE	M	
M		1200		3		2400		4	15/3	1200		HYDRAULIC POWER UNIT	M
M	1200	5				2400		6		1200	M		
G	15KVA 480-120/240V TRANSFORMER	6500		40/2	7	6500			8		0		
G		6500			9		6500		10		0		
		0	11				0	12		0			
		0	13		0			14		0			
		0	15			0		16		0			
		0	17			0	18		0				
					8900	8900	2400						
SIZE:		125A	GROUND:				STANDARD		NOTES:				
VOLTAGE:		480	MOUNTING:				SURFACE						
PHASE:		3	ENCLOSURE:				NEMA 1						
WIRE:		4	FED FROM:				SOURCE FED FROM						
MAIN:		40A CIRCUIT BREAKER	CONNECTED KVA:				20.2						
BREAKER AIC RATING:		10K	CONNECTED AMPS:				24.3						
BUS:		COPPER	DEM AND KVA:				20.5						
NEUTRAL:		STANDARD	DEM AND AMPS:				24.7						
CODE DESCRIPTIONS: L = LIGHTING, R = RECEPTACLE, G = GENERAL EQUIPMENT, C = CONTINUOUS, H = HVAC, M = MOTOR													

NOTE: PANEL HPUB IS SIMILAR TO PANEL HPUA AND PANEL HPUB IS LOCATED INSIDE ELECTRICAL POWER EQUIPMENT AT SECONDARY ENTRANCE.

PANEL										LOCATION		INSIDE ELECTRICAL POWER EQUIPMENT	
CODE	DESCRIPTION	LOAD	BKR	CIR	A	B	CIR	BKR	LOAD	DESCRIPTION	CODE		
G	ENTRY GATE BACKUP POWER	2000	30/2	1	4000			2	30/2	2000	EXIT GATE BACKUP POWER	G	
G		2000		3		4000		4		2000	CABINET	G	
G	GUARD HOUSE LOADCENTER	2500	40/2	5	2908			6	20/1	408	BARRIER HEATER	G	
G		2500		7		2500		8	20/1		SPARE		
		0		9		0		10		0			
		0		11				12		0			
							6908	6500					
SIZE:		125A	GROUND:				STANDARD		NOTES:				
VOLTAGE:		120/240	MOUNTING:				SURFACE						
PHASE:		1	ENCLOSURE:				NEMA 1						
WIRE:		3	FED FROM:				SOURCE FED FROM						
MAIN:		80A CIRCUIT BREAKER	CONNECTED KVA:				13.4						
BREAKER AIC RATING:		10K	CONNECTED AMPS:				55.9						
BUS:		COPPER	DEM AND KVA:				13.4						
NEUTRAL:		STANDARD	DEM AND AMPS:				55.9						
CODE DESCRIPTIONS: L = LIGHTING, R = RECEPTACLE, G = GENERAL EQUIPMENT, C = CONTINUOUS, H = HVAC, M = MOTOR													

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\T622 PULL BOX & CABLE SCHEDULES.dwg Plot Date: Apr 11, 2025 - 12:10pm Plotted by: tolue

TELECOMMUNICATION EQUIPMENT SCHEDULE				
BLDG	RACK/CABINET	FIBER PATCH PANEL	PATCH PANEL	POE+ SWITCH
MAIN GAURD HOUSE	WALL MOUNT CABINET 24.5"H X 19"W X 18"D	WALL MOUNT SINGLE PANEL HOUSING WITH BUILT-IN SPLICE TRAY WITH ROUTING GUIDES, CCH CONNECTOR PANEL. CORNING SPH-01P, OR EQUAL.	RACK MOUNT PATCH PANEL FLAT STANDARD QUICKPORT STYLE PANEL. CAT 6 JACKS, PROVIDE 24 PORTS MIN. WITH 25% SPARE. PANDUIT OR EQUAL.	RACK MOUNT 16-PORT POE+ SWITCH. POE+ POWER: 240W, 2x1GIGABIT ETHERNET TP/SFP COMBO UPLINKS, CISCO MANAGEMENT SOFTWARE, CISCO CATALYST 16-PORT SWITCH C1000-16FP-2G-L, OR EQUAL.
SECONDARY GAURD HOUSE	11U RACK SPACE SUPPORTS 100 lbs. CPI CHATSWORTH STANDARD			
UPS CLOSET AT BUILDING C	SWING GATE MODEL NO. 13602-718, OR EQUAL.			
TEL/DATA RM153 AT BUILDING B		SILMILAR TO ABOVE SPECIFICATION EXCEPT RACK MOUNT UNIT		

E16_S

3	TELECOMMUNICATION EQUIPMENT SCHEDULE	NO SCALE
---	--------------------------------------	----------

TYPE	USE	DESCRIPTION	MANUFACTURER
MM	NETWORK CONNECTION	6 STRAND MULTI MODE FIBER CABLE (OM3)	BELDEN, CORNING, PANDUIT OR EQUAL

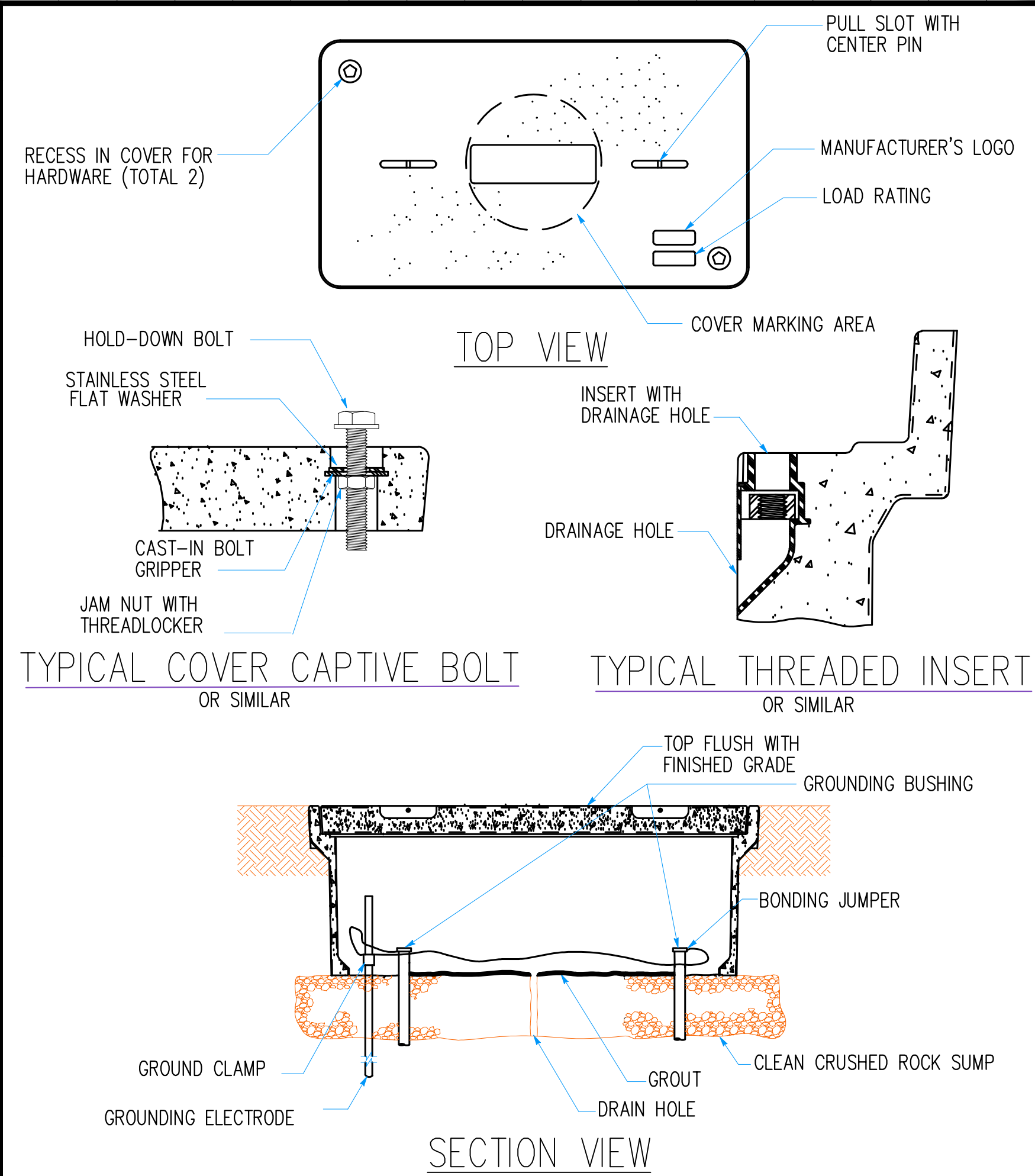
USE	DESCRIPTION	MANUFACTURER
NETWORKED CONTROLS CONNECTION	CATEGORY 6	BELDEN, BERK-TEK, MOHAWK OR EQUAL

4	FIBER CABLE SCHEDULE	NO SCALE
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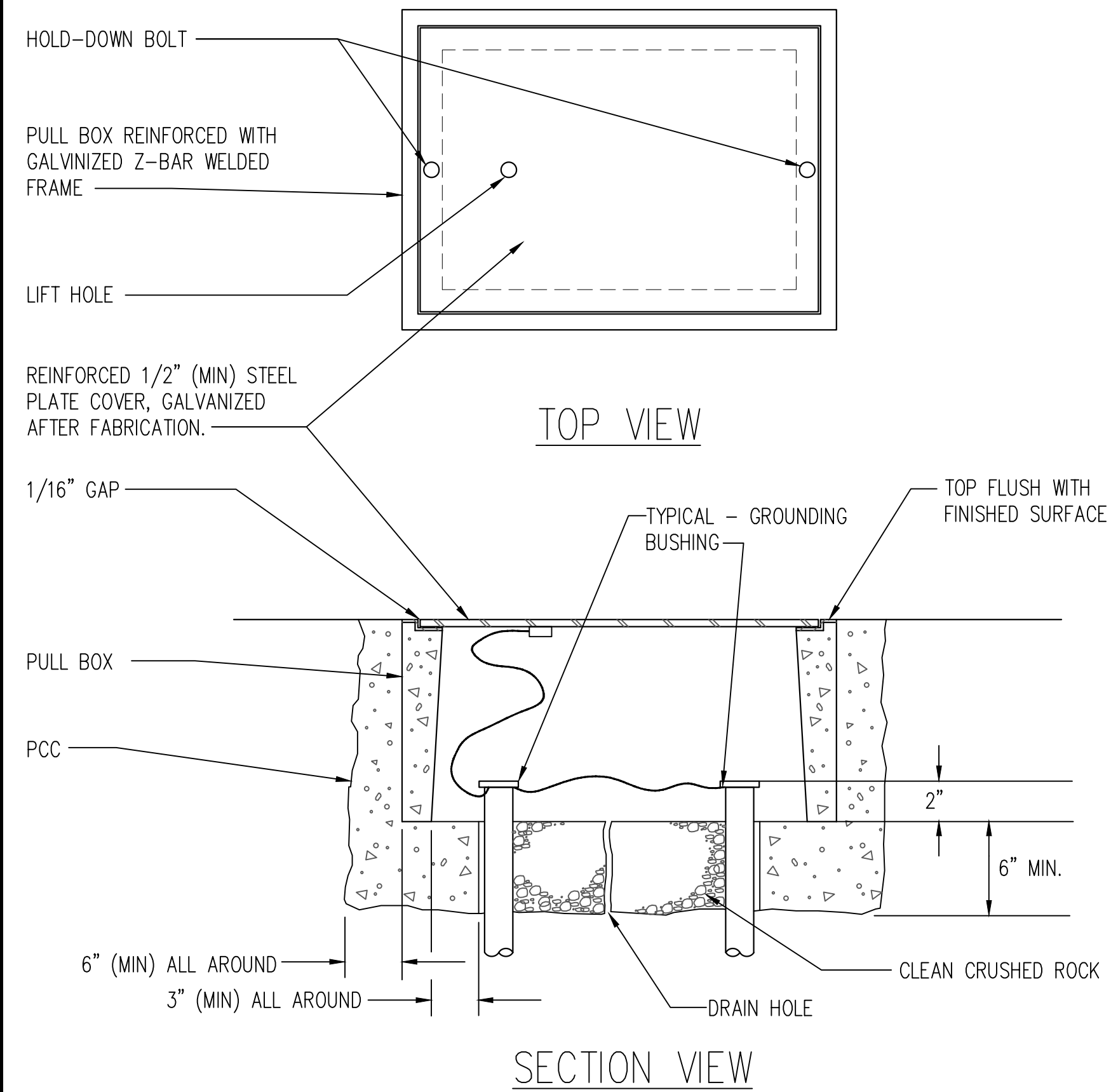
5	CAT 6 CABLE SCHEDULE	NO SCALE
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PULL BOX SCHEDULE											
TYPE	BASIS OF DESIGN MANUFACTURERS	MODEL	DOT PB SIZE	TRAFFIC RATED	CONSTRUCTION		DISCRPTION	NOMINAL DIMENSIONS (IN)			REMARKS
					BODY	COVER		WIDTH	LENGTH	DEPTH	
1	<u>JENSEN PRECAST</u> CHISTY	HN 1017 N09	3 1/2	N	POLYMER CONCRETE	POLYMER CONCRETE	OPEN BOTTOM, BOLT-DOWN COVER.	10	17	12	
2	<u>JENSEN PRECAST</u> CHISTY	HT 1324 B1324	5(T)	Y	GAL. STEEL WELDED FRAME CONCRETE BOX	STEEL DIAMOND PLATE LID	OPEN BOTTOM, BOLT-DOWN COVER.	13	24	12	

6	PULL BOX SCHEDULE	NO SCALE
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1	PULLBOX DETAIL	NOT TO SCALE
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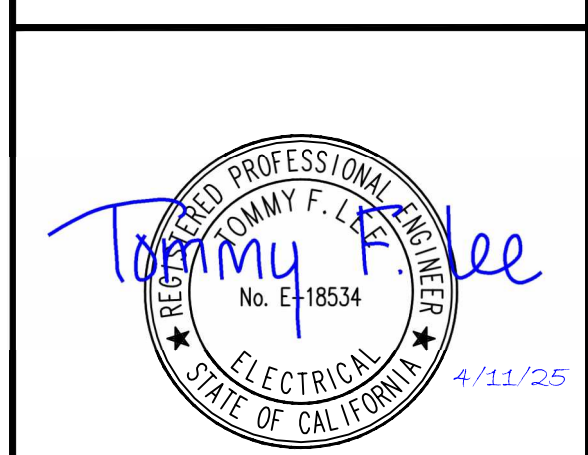


2	TRAFFIC PULLBOX DETAIL	NOT TO SCALE
---	------------------------	--------------



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GENERAL SERVICES

Department of General Services
Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch
707 Third Street, Suite 4-105
West Sacramento, California 95605



Issue		
No.	Date	Description

Project
OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
----------------------------	-------------------	----------------

DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR
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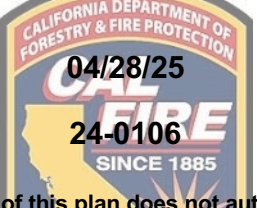
Sheet Title
PULL BOX, CABLE SCHEDULES & TELE COMM EQUIPMENT

Project Number 000000000009324

Reference North 	Sheet Scale NONE
	Sheet Number E622

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\E624 POWER DIAGRAM AND SCHEMATICS.dwg Plot Date: Apr 15, 2025 - 2:23pm Plotted by: tlee

OFFICE OF THE STATE FIRE MARSHAL
APPROVED FIRE AND PANIC ONLY

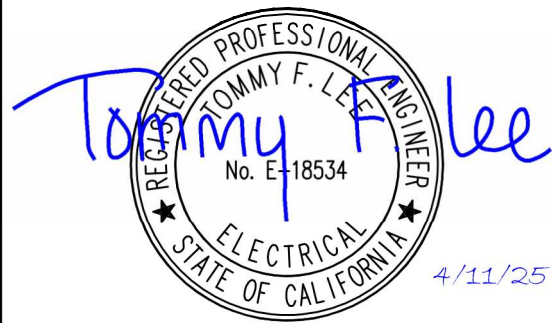


Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.



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Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch

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West Sacramento, California 95605

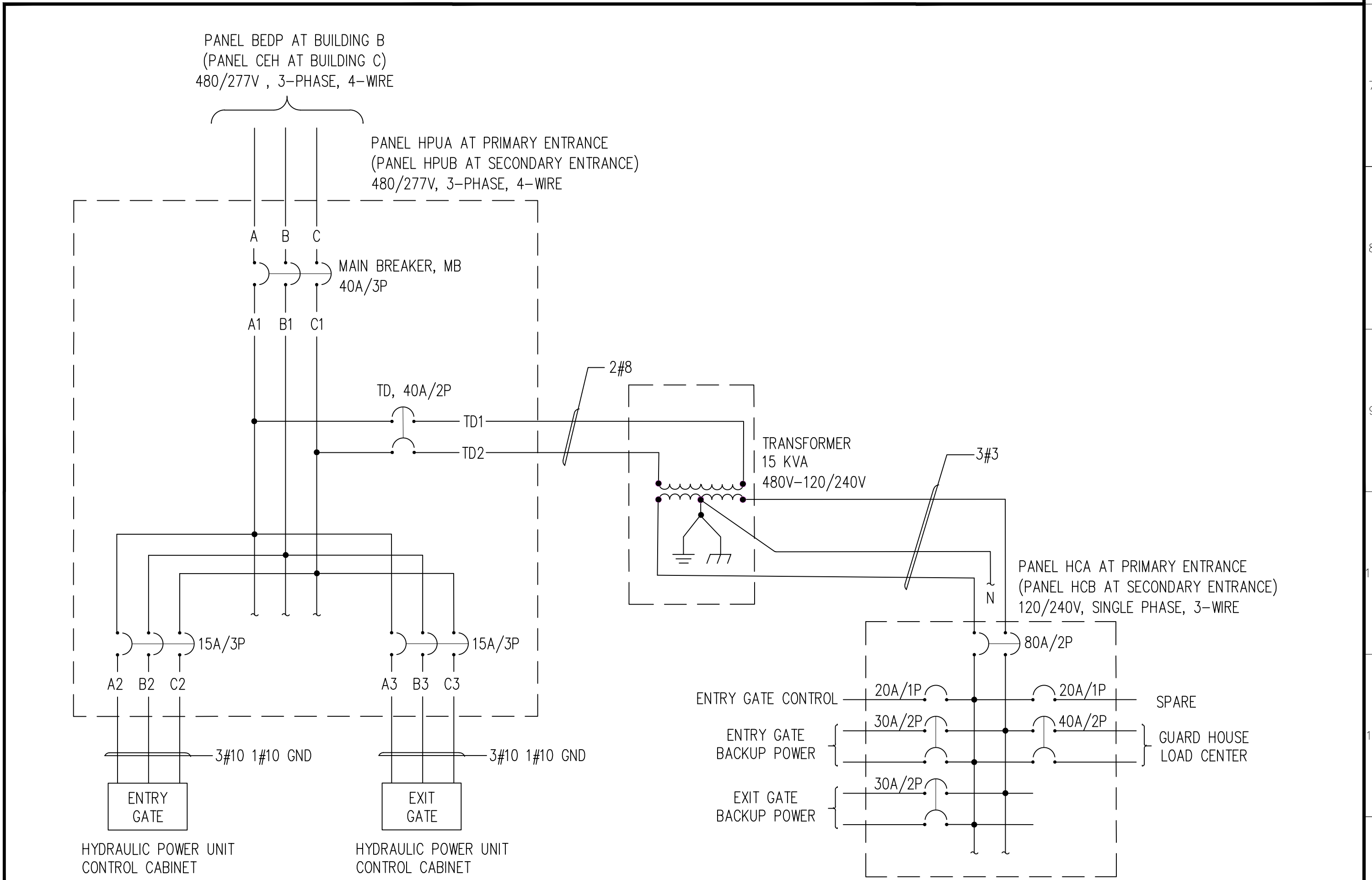


Issue		
No.	Date	Description

Project		
OES SECURITY UPGRADES		
3650 SCHRIEVER AVENUE MATHER, CA 95655 SACRAMENTO COUNTY		
OFFICE OF EMERGENCY SERVICES		
Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 02-122133		SFM Permit No. 24-N-0106-C-DR

Sheet Title
POWER DIAGRAM AND SCHEMATICS

Project Number 000000000009324	
Reference North 	Sheet Scale NONE
	Sheet Number E624



1 ELECTRICAL POWER EQUIPMENT WIRING DIAGRAM

NO SCALE

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\E651 CCTV CAMERA SCHEMATICS DIAGRAM.dwg Plot Date: Apr 08, 2025 - 11:30pm Plotted by: tolee

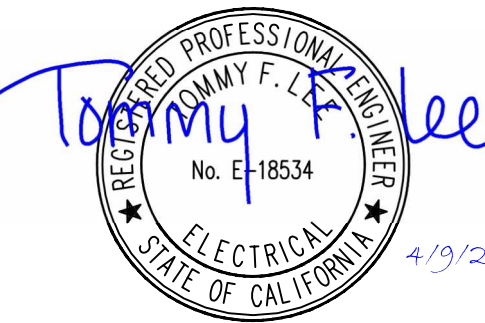
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West Sacramento, California 95605



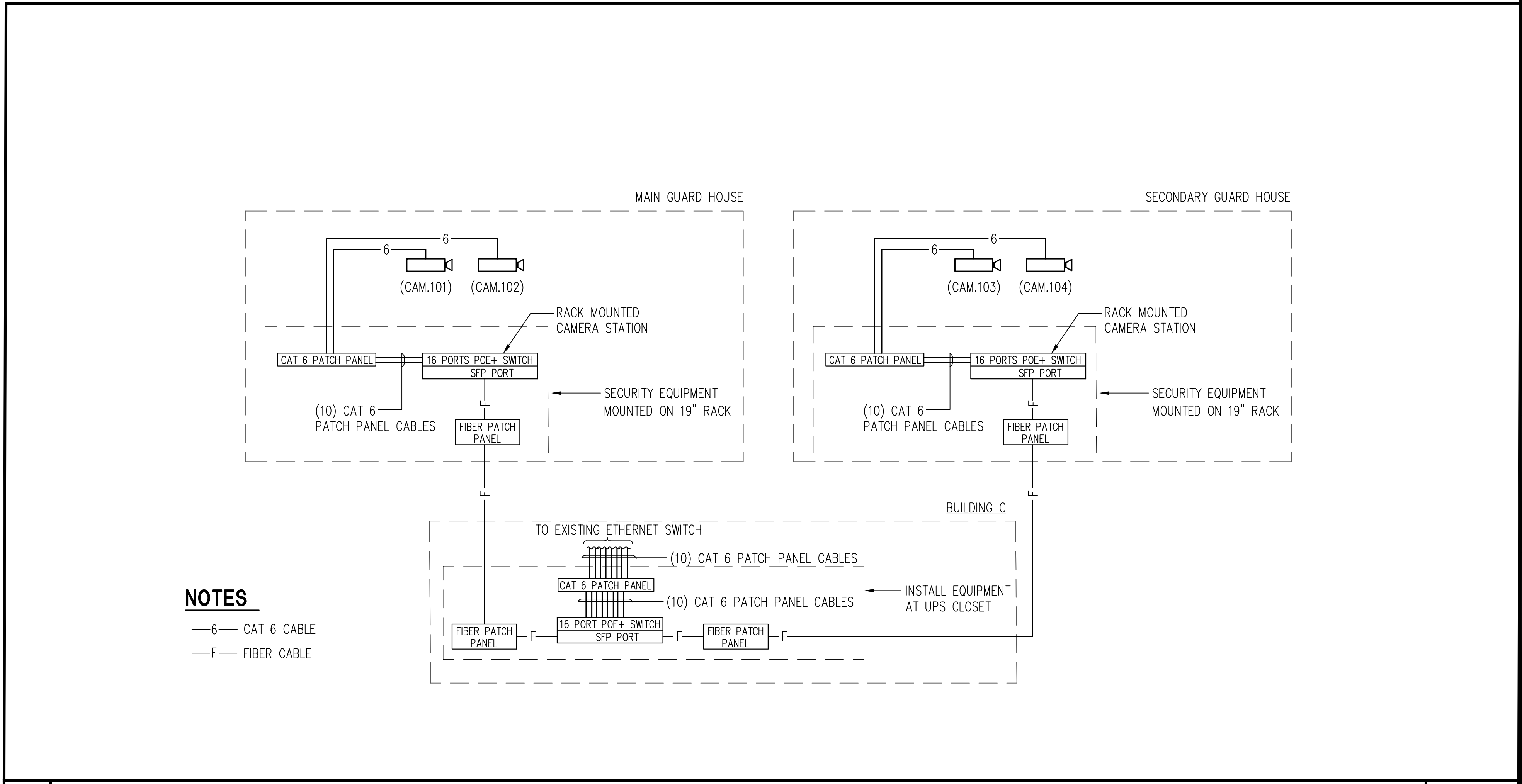
Issue		
No.	Date	Description

Project
OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
CCTV CAMERA SCHEMATICS DIAGRAM

Project Number 000000000009324		
Reference North 	Sheet Scale NONE	Sheet Number E651



NOTES

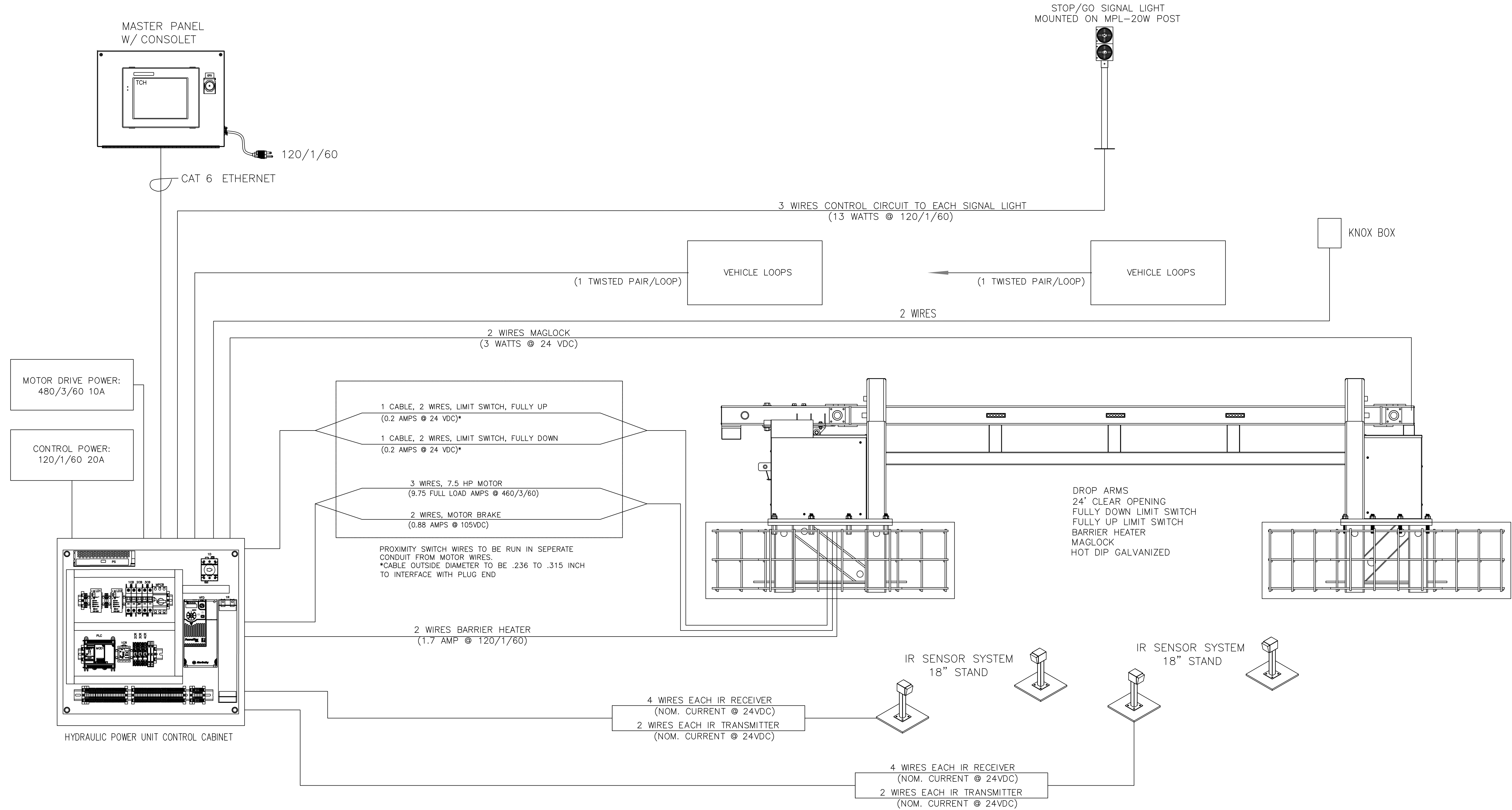
- 6 CAT 6 CABLE
- F FIBER CABLE

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\E656 GATE CONTROL SCHEMATICS DIAGRAM.dwg Plot Date: Apr 08, 2025 - 11:30pm Plotted by: toleg

DESCRIPTION OF ELECTRICAL REQUIREMENT ON HYDRAULIC POWERED DROP ARM BEAM BARRIER SYSTEM:
DELTA SCIENTIFIC CORPORATION, DSC 7090 M30 BARRIER SYSTEM OR EQUAL. THE BARRIER MUST BE CRASH TESTED FOR ASTM M30/P1 RATING.
MASTER PANEL WITH CONSOLE
HYDRAULIC CONTROL CIRCUIT
FULLY DOWN LIMIT SWITCH
FULLY UP LIMIT SWITCH
BARRIER HEATER
MAGLOCK
LED FLASING PACKAGE
IR SENSOR SYSTEM WITH 18" STAND
TRAFFIC DETECTION LOOPS
4 LED STOP/SIGNAL LIGHTS MOUNTED ON MPL-20W POST PER BARRIER

1 GENERAL NOTES

NONE



1 HYDRAULIC GATE CONTROL SCHEMATICS DIAGRAM

NO SCALE

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APPROVED FIRE AND PANIC ONLY

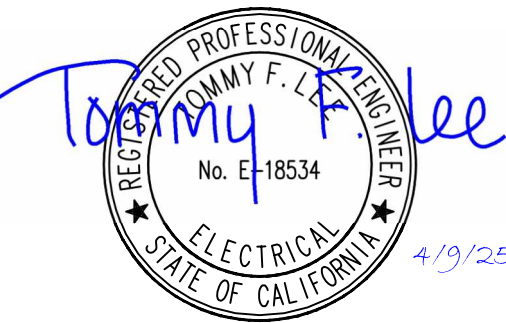


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Real Estate Services Division
Project Management & Development Branch

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Issue		
No.	Date	Description

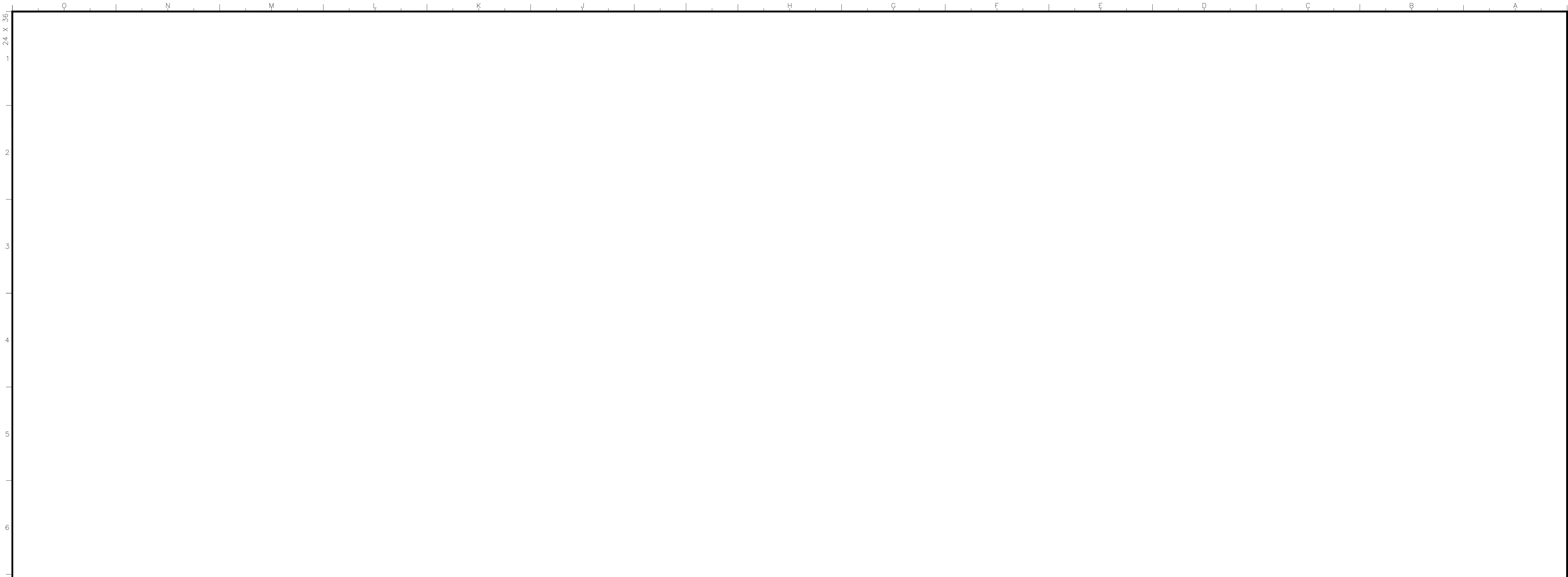
Project
RIVERSIDE REPLACEMENT PLAYGROUNDS
3044 HORACE ST.
RIVERSIDE, CA 92506
RIVERSIDE COUNTY
CALIFORNIA DEPARTMENT OF EDUCATION

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 04-123405	SFM Permit No. N/A	

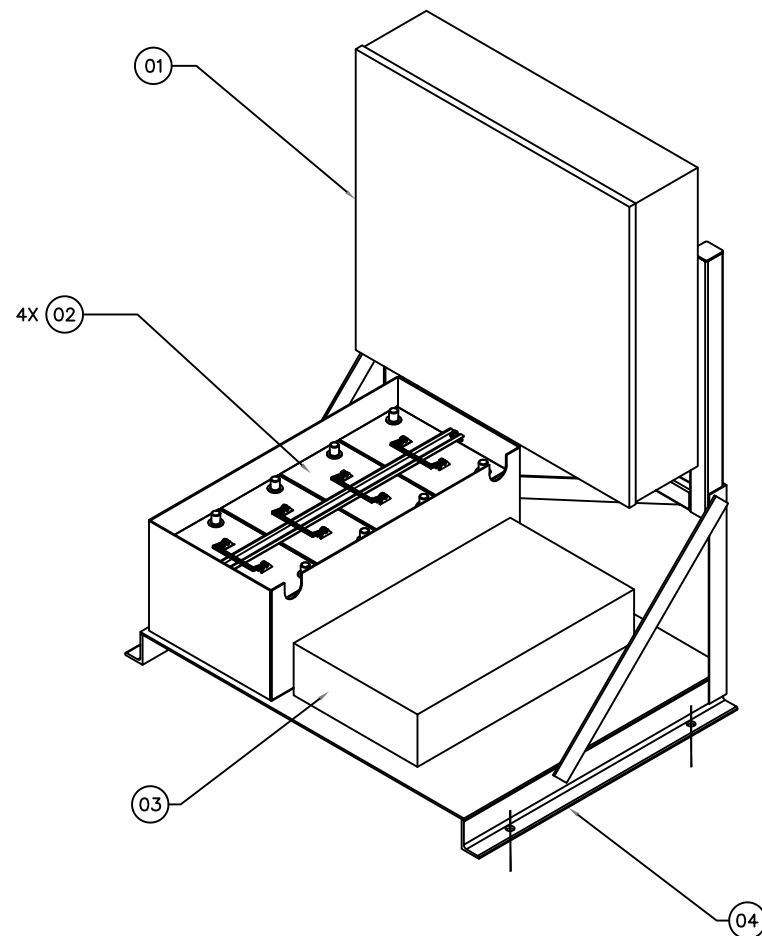
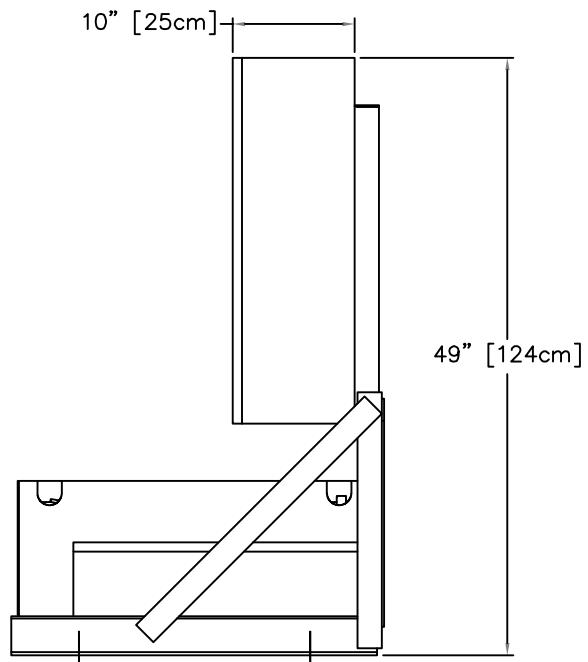
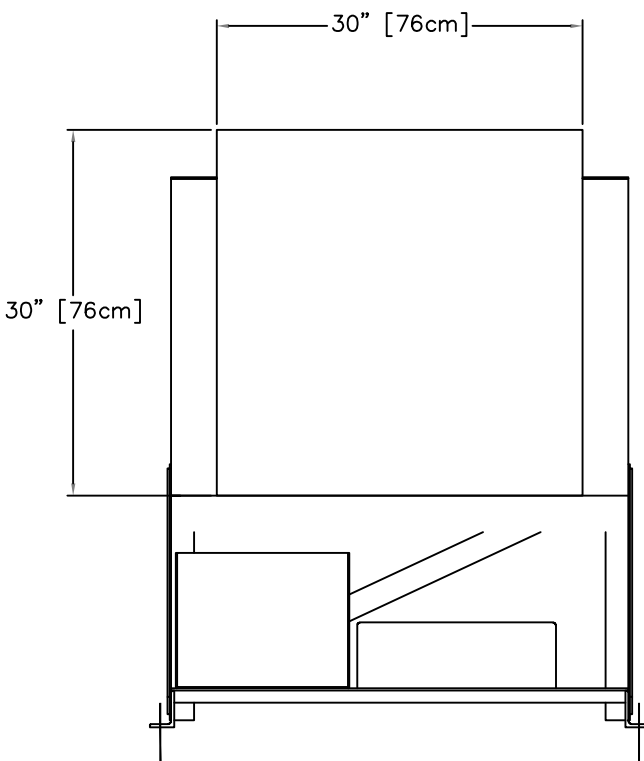
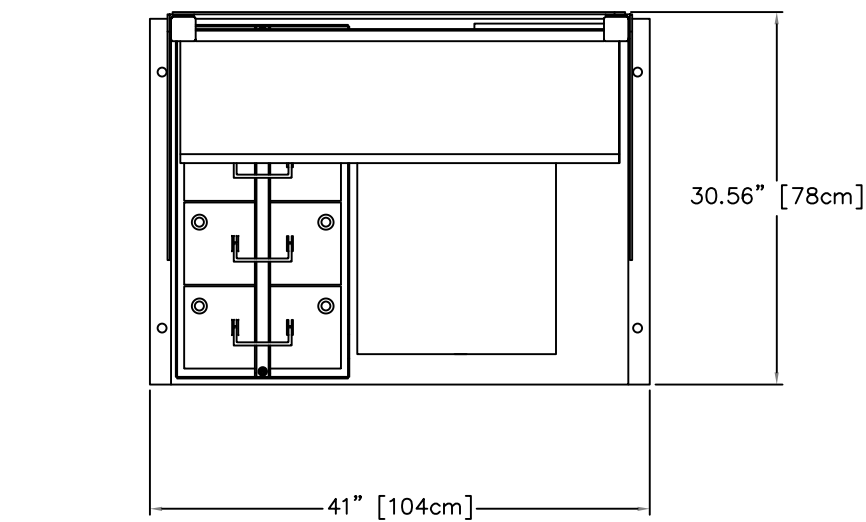
Sheet Title
GATE CONTROL SCHEMATICS DIAGRAM

Project Number 00000000010619		
Reference North 	Sheet Scale NONE	Sheet Number E656

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\E657 GATE BATTERY BACKUP SYSTEM.dwg Plot Date: Apr 08, 2025 - 11:30pm Plotted by: Dale



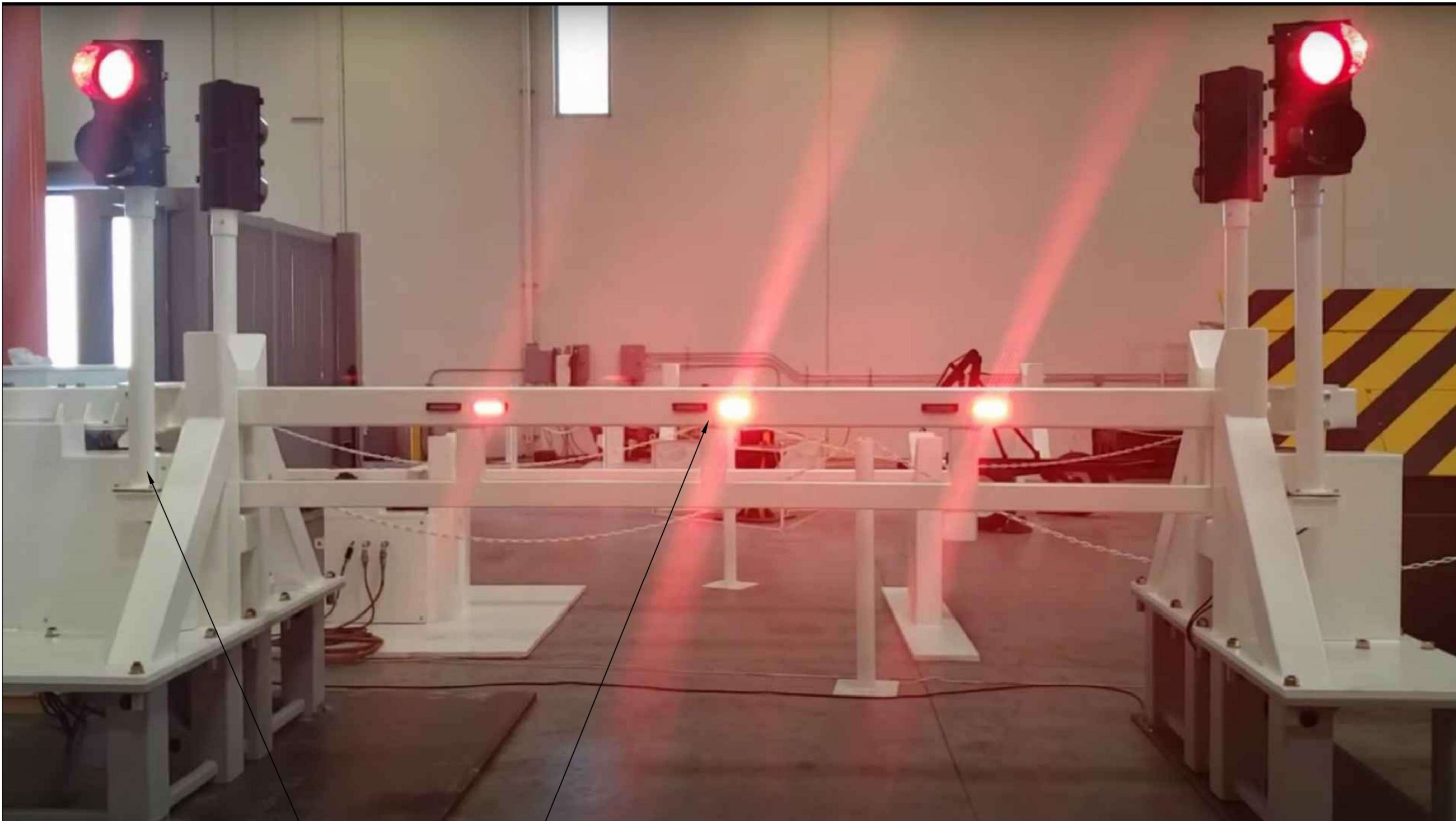
ITEM	REQ'D.	DESCRIPTION	STK. NO.
01	1	CONTROL CIRCUIT	J9924-30
02	4	BATTERY, 12V, DEEP CYCLE, 105 A-H	2461-47
03	1	INVERTER/CHARGER, 10KW, 240VAC, 48VDC	2464-142
04	1	DELTA SIZED EMPU SKID	B1249D



HILTI KB-TZ2 SS316 (4) 1/2" DIA. X 3 1/4" EMBED
PER ICC-ESR 4266
(SPECIAL INSPECTION NEEDED)

1 HYDRAULIC GATE BATTERY BACKUP SYSTEM EMPU SKID LAYOUT

NO SCALE



RED/GREEN LED FLASHING LIGHTS ON BEAM BARRIER ARM
RED/GREEN LED SIGNAL LIGHTS WITH POST, TYPICAL 4 PER GATE

2 HYDRAULIC GATE LED FLASHING LIGHTS AND SIGNAL LIGHTS

NO SCALE

RELATIVE BORDER SCALE IN INCHES

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 02-122133 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☒
DATE: 05/14/2025

OFFICE OF THE STATE FIRE MARSHAL
APPROVED FIRE AND PANIC ONLY

04/28/25
24-0106
FIRE
SINCE 1885

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applicable regulations. Final approval is subject
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GENERAL SERVICES

Department of General Services
Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch

707 Third Street, Suite 4-105
West Sacramento, California 95605

Tommy F. Lee
REGISTERED PROFESSIONAL ENGINEER
No. E-18534
ELECTRICAL
STATE OF CALIFORNIA
4/9/25

Issue		
No.	Date	Description

Project
OES SECURITY
UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY
SERVICES

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

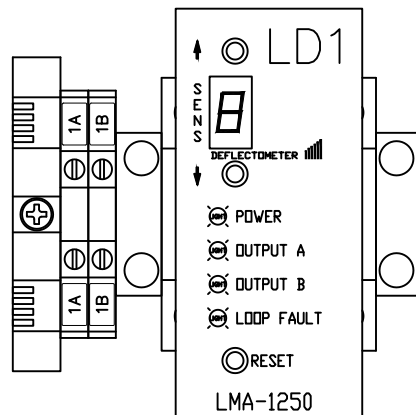
Sheet Title
GATE BATTERY
BACKUP SYSTEM AND
SKID LAYOUT

Project Number 000000000009324	Sheet Scale NONE
Reference North 	Sheet Number E657

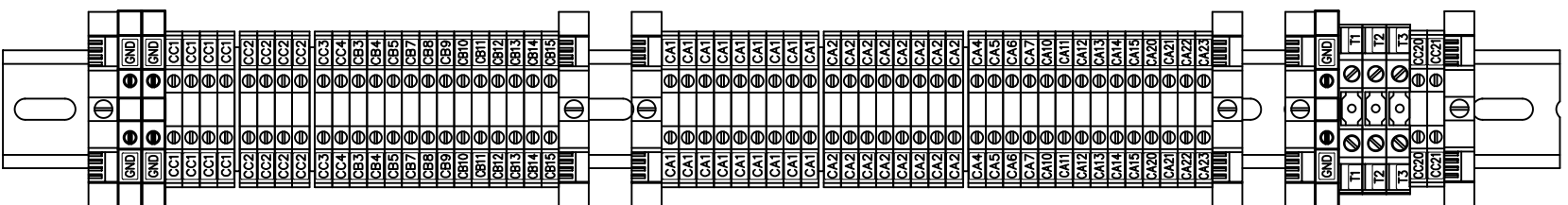
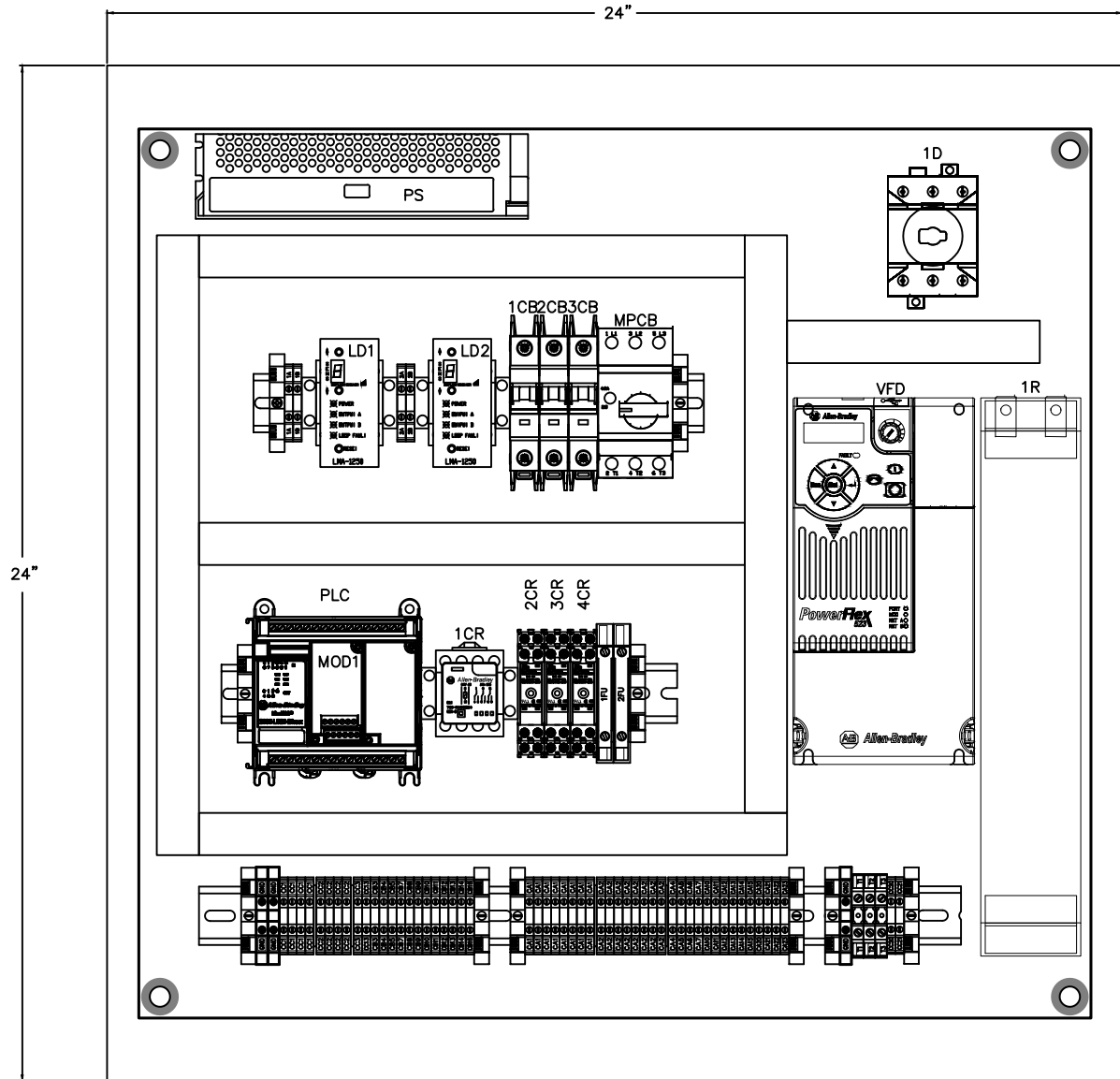
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ISSUE DATE: SEPTEMBER 4, 2025

ITEM	REQ'D.	DESCRIPTION	STK. NO.
1D	1	DISCONNECT, 40 AMP MAX	2531-96
PS	1	POWER SUPPLY, 120V/240V, 50/60 HZ/24 VDC, 150 WATTS	2461-25
PLC	1	PLC, 24 VDC POWERED	2457-302
MOD1	1	OUTPUT MODULE, RELAY 4-CHANNEL	2457-311
VFD	1	VARIABLE FREQUENCY DRIVE (VFD), 480 VAC @ 7.5 HP	2472-133
R1	1	DRIVE BRAKE RESISTOR, 500W, 100 OHM	2472-126
MPCB	1	MOTOR PROTECTION CIRCUIT BREAKERS, 14.5-20 AMPS	2531-180
1CB-2CB	2	CIRCUIT BREAKER, 1-POLE, 8 AMP	2459-240
3CB	1	CIRCUIT BREAKER, 1-POLE, 1 AMPS	2459-232
LD1-LD2	2	LOOP DETECTOR, 24VDC	LMA-1250-LV
1CR	1	RELAY, 3PDT, 24VDC	2457-05
2CR-4CR	3	RELAY, 2PDT, 24VDC	2457-120
1FU	1	FUSE, 250 VOLTS, 1 AMP, DUAL ELEMENT,	2459-118
2FU	1	FUSE, 125 VOLTS, 2 AMP, DUAL ELEMENT,	2459-22
D1-D5	4	DIODE, 1A MAX	3548-01
O2	1	ENCLOSURE, NEMA 4, 24" x 24" x 8"	2462-13
O3	1	ALUMINUM BACK PANEL	STOCK
O4	58	TERMINALS, 12 AWG MAXIMUM	2460-60A
O5	3	TERMINALS, 8 AWG MAXIMUM	2460-80
O6	3	GROUNDING TERMINALS	2460-61
O7	10	TERMINAL END BLOCKS	2460-62
O8	2	FUSE BLOCK	2460-63
O9	1	STANDARD 11-PIN RELAY BASE	2457-22
10	1	MICRO SD CARD, (INSTALLED IN PLC SLOT)	STOCK
11	AR	DIN RAIL	STOCK



LOOP TERMINALS
LD1 SHOWN, LD2 SIMILAR

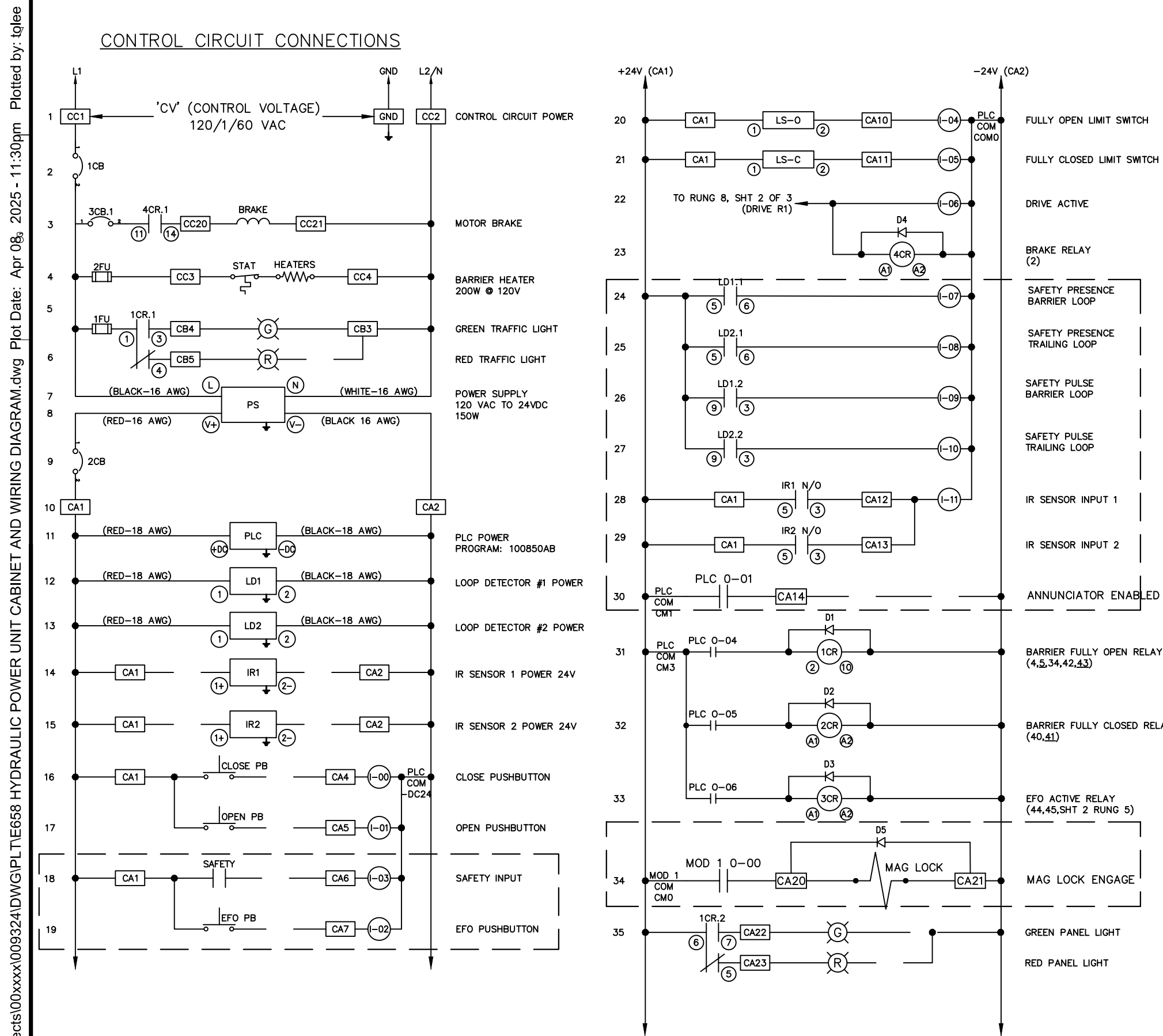


TERMINALS

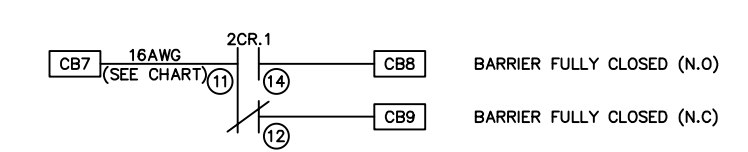
1 HYDRAULIC POWER UNIT CONTROL CABINET

NO SCALE

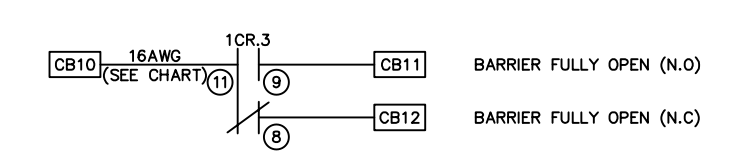
CONTROL CIRCUIT CONNECTIONS



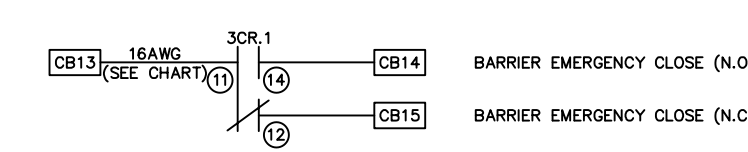
BARRIER FULLY CLOSED CONTACTS



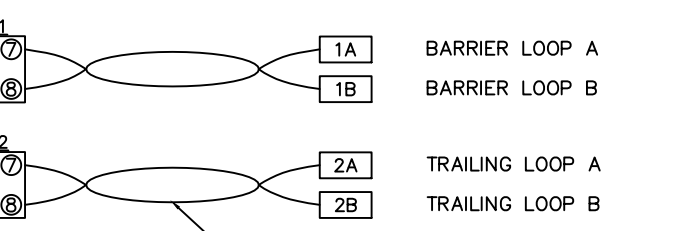
BARRIER FULLY OPEN CONTACTS



BARRIER EMERGENCY CLOSE CONTACTS



LOOP TERMINATIONS



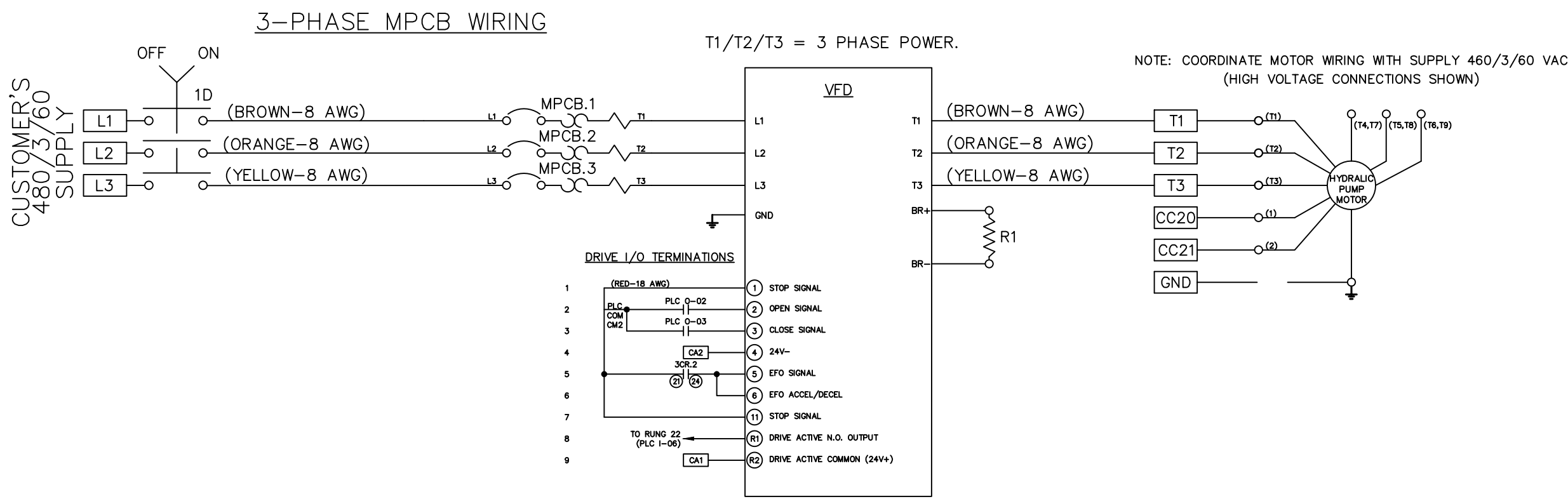
NOTES: WIRES MUST BE TWISTED PAIRS.
6 TWISTS PER FOOT MINIMUM.

2 HYDRAULIC POWER UNIT CONTROL CIRCUIT WIRING DIAGRAM

NO SCALE

3 HYDRAULIC POWER UNIT CONTROL CIRCUIT WIRING DIAGRAM

NO SCALE



OFFICE OF THE STATE FIRE MARSHAL
APPROVED FIRE AND PANIC ONLY

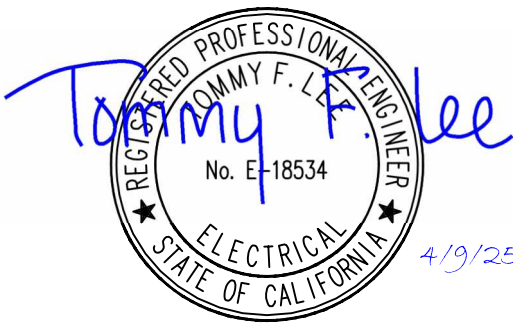


Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.



Department of General Services
Architecture & Engineering Sections
State of California
Real Estate Services Division
Project Management & Development Branch

707 Third Street, Suite 4-105
West Sacramento, California 95605



Issue		
No.	Date	Description

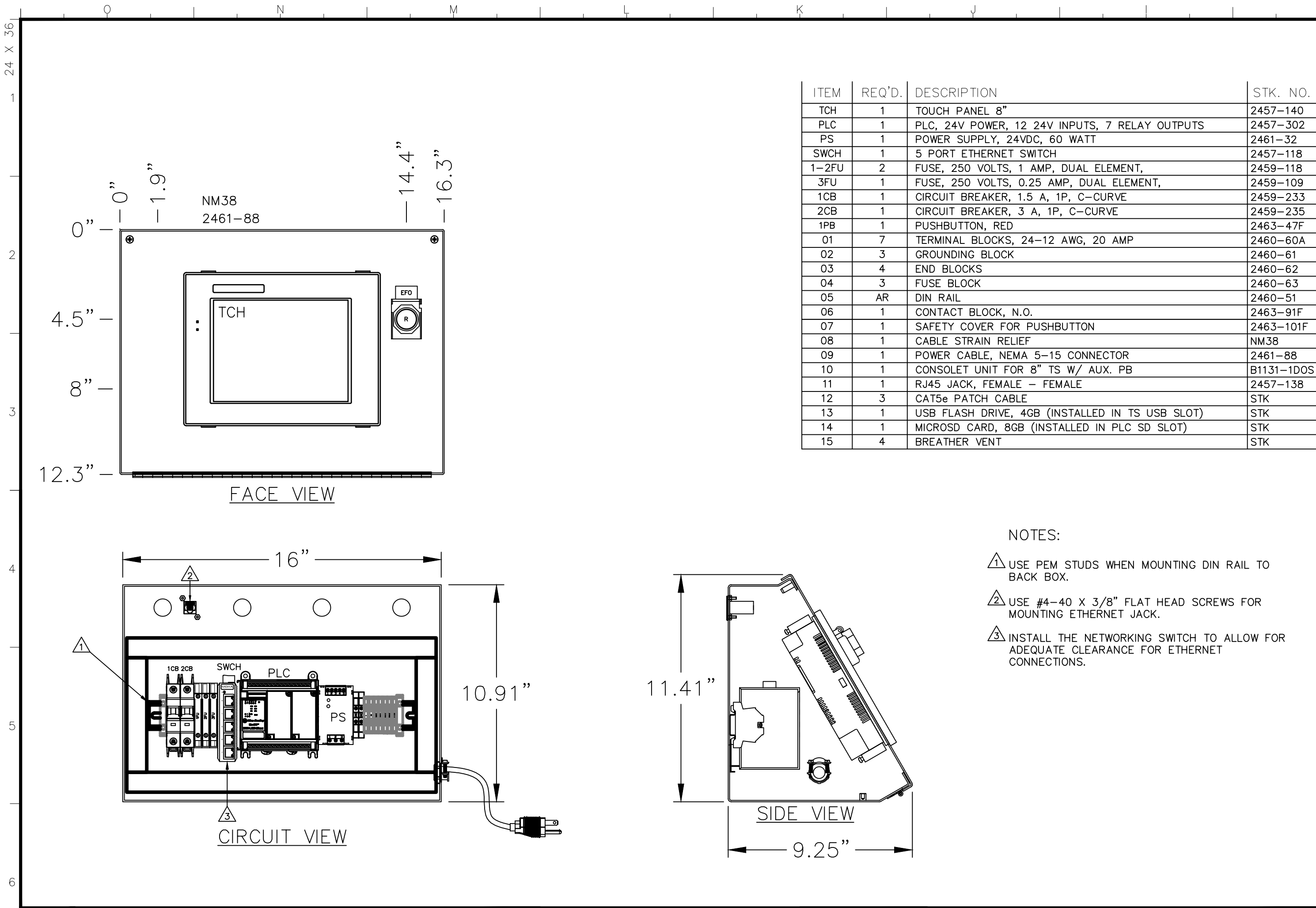
Project
OES SECURITY UPGRADES
3650 SCHRIEVER AVENUE
MATHER, CA 95655
SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES

Supervisor J.ABDELSAYED	Designed T.LEE	Drawn T.LEE
DSA App No. 02-122133	SFM Permit No. 24-N-0106-C-DR	

Sheet Title
HYDRAULIC POWER UNIT CABINET AND WIRING DIAGRAM

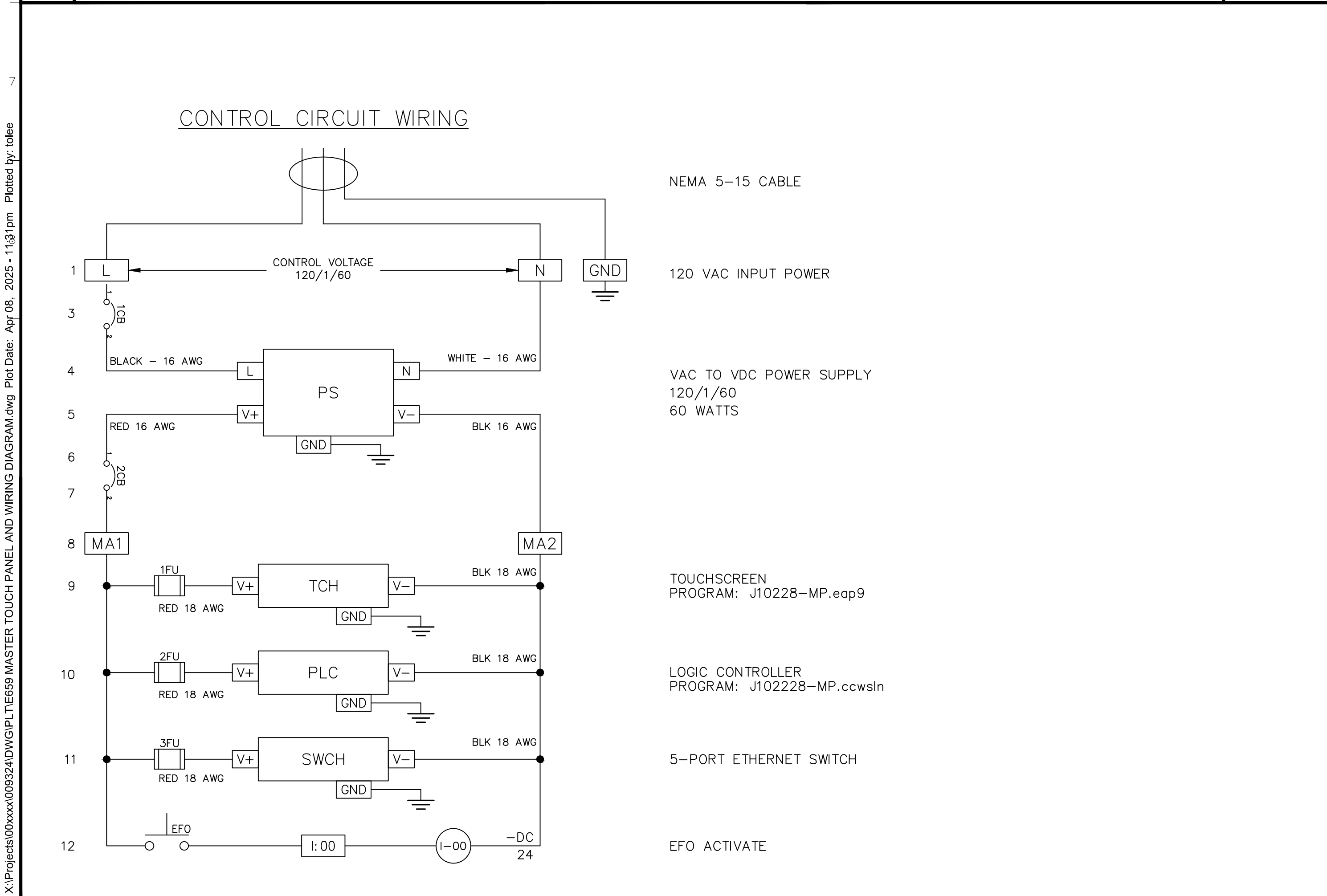
Project Number 000000000009324		
Reference North 	Sheet Scale NONE	Sheet Number E658

CAD File: X:\Projects\00xxxx\009324\DWG\PLT\E659 MASTER TOUCH PANEL AND WIRING DIAGRAM.dwg Plot Date: Apr 08, 2025 - 11:31pm Plotted by: tollee



1 MASTER TOUCH SCREEN CONSOLEIT

NO SCALE



2 MASTER TOUCH SCREEN CONSOLEIT WIRING DIAGRAM

NO SCALE

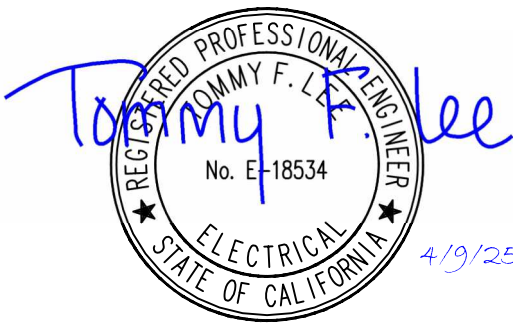
3 MASTER TOUCH SCREEN CONSOLEIT WIRING DIAGRAM

NO SCALE



DGS
GENERAL SERVICES

Department of General Services
Architecture & Engineering Sections
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Project Management & Development Branch
707 Third Street, Suite 4-105
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Issue

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Project

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24-N-0106-C-DR

Sheet Title
MASTER TOUCH PANEL AND WIRING DIAGRAM

Project Number
000000000009324

Reference North

Sheet Scale
NONE

Sheet Number
E659