

ABBREVIATIONS

A	- ACCESSIBLE	JT	- JOINT
AC	- ASPHALT CONCRETE	LAM	- LAMINATE (D)
AC	- AIR CONDITIONING	MATL	- MATERIAL
ACOUS	- ACOUSTICAL	MAX	- MAXIMUM
ADD	- ADDENDUM	MECH	- MECHANICAL
ADJ	- ADJUSTABLE or	MIN	- MINIMUM
	ADJACENT	MIR	- MIRROR
ALUM	- ALUMINUM	MISC	- MISCELLANEOUS
ARCH	- ARCHITECT (URAL)	MTL	- METAL
BD	- BOARD	(N)	- NEW
BLDG	- BUILDING	NIC	- NOT IN CONTRACT
BLKNG	- BLOCKING	NO	- NUMBER
BM	- BEAM	NTS	- NOT TO SCALE
BOT	- BOTTOM	O/	- OVER
BUR	- BUILT UP ROOFING	OC	- ON CENTER
C	- CARPET	OD	- OUTSIDE DIAMETER
CJ	- CATCH BASIN	OPP	- OPPOSITE
CB	- CONTROL JOINT	PL	- PROPERTY LINE
CLG	- CEILING	PLAM	- PLASTIC LAMINATE
CMU	- CERAMIC MOSAIC (TILE)	PLAS	- PLASTER
	- CONCRETE MASONRY	PLT	- PLATE
	UNIT	PLYWD	- PLYWOOD
CO	- CLEAN OUT	PNL	- PANEL
COL	- COLUMN	POC	- POINT OF CONNECTION
CONC	- CONCRETE	PRSV	- PRESERVATIVE
CSK	- COUNTERSINK	PTDF	- TREATED DOUGLAS FIR
CW	- COLD WATER	PTN	- PARTITION
DET	- DETAIL	PVC	- POLYVINYL CHLORIDE
DF	- DRINKING FOUNTAIN	R	- RISER
DIA	- DIAMETER	RD	- ROOF DRAIN
DIAG	- DIAGONAL	REF	- REFERENCE
DIM	- DIMENSION	REFR	- REFRIGERATOR
DIV	- DIVISION	RECD	- REQUIRED
DS	- DOWNSPOUT	REWD	- REDWOOD
DWG	- DRAWING	RWL	- RAIN WATER LEADER
E	- ENAMEL	SCH	- SCHEDULE
(E)	- EXISTING	SD	- STORM DRAIN
EA	- EACH	SEC	- SECTION
EJ	- EXPANSION JOINT	SF	- SQUARE FEET
ELEV	- ELEVATION	SHT	- SHEET
ELECT	- ELECTRICAL	SHTG	- SHEATHING
EQ	- EQUAL	SIM	- SIMILAR
EXT	- EXTERIOR	SPEC	- SPECIFICATIONS
(F)	- FUTURE	SQ	- SQUARE
FAB	- FABRICATION	SS	- STAINLESS STEEL
FAC	- FACTORY	STN	- STAIN
FD	- FLOOR DRAIN	STD	- STANDARD
FF	- FINISHED FLOOR	STL	- STEEL
FIN	- FINISH	TEMP	- TEMPERED
FND	- FOUNDATION	T&G	- TONGUE-AND-GROOVE
FCC	- FACE OF CONCRETE	THRU	- THROUGH
FOF	- FACE OF FINISH	TJ	- TOOL JOINT
FOP	- FACE OF PLYWOOD	TOC	- TOP OF CURB, CRICKET, or CONCRETE
FOS	- FACE OF STUD	TOP	- TOP OF PARAPET
FRP	- FIBERGLASS REINFORCED PLASTIC PANELS	TOS	- TOP OF SLAB, SHEATHING, or STEEL
	- FOOTING	TS	- TOP OF SHEATHING
GA	- GAUGE	TV	- TELEVISION
GB	- GYPSUM BOARD	TV	- TYPICAL
GL	- GLASS or GLAZING	UON	- UNLESS OTHERWISE NOTED
GLV	- GALVANIZED	VCT	- VINYL COMPOSITION TILE
GSM	- GALVANIZED SHEET METAL	VCTB	- VINYL COVERED TACKBOARD
GYP	- GYPSUM	VIF	- VERIFY IN FIELD
HB	- HOSE BIBB	WVC	- VINYL WALL COVERING
HDW	- HARDWOOD	W	- WITH
HM	- HOLLOW METAL	WD	- WOOD
HOR	- HORIZONTAL	WF	- WIDE FLANGE
HT	- HEIGHT	WS	- WOOD SCREW
HW	- HOT WATER	WV	- WAINSCOT
ID	- INSIDE DIAMETER	WVCT	- AT
INV	- INVERT	±	- PLUS/MINUS

SYMBOLS LEGEND

	ROOM NAME		ROOM NUMBER
	ROOM AREA		DEMOLITION SCHEDULE TAG
	ROOM NUMBER		CEILING
	ROOM NAME		WALL
	ROOM NUMBER		FLOOR/BASE
	EXTERIOR ELEVATION REFERENCE		SECTION NUMBER
	SHEET NUMBER		DETAIL NUMBER
	INTERIOR ELEVATION NUMBER		DOOR NUMBER
	AUXILIARY INTERIOR ELEVATION NUMBER		WINDOW NUMBER
	WALL TYPE		ACCESSORY TAG
	CEILING HEIGHT TAG		KEYNOTE REFERENCE OR COLOR DESIGNATION

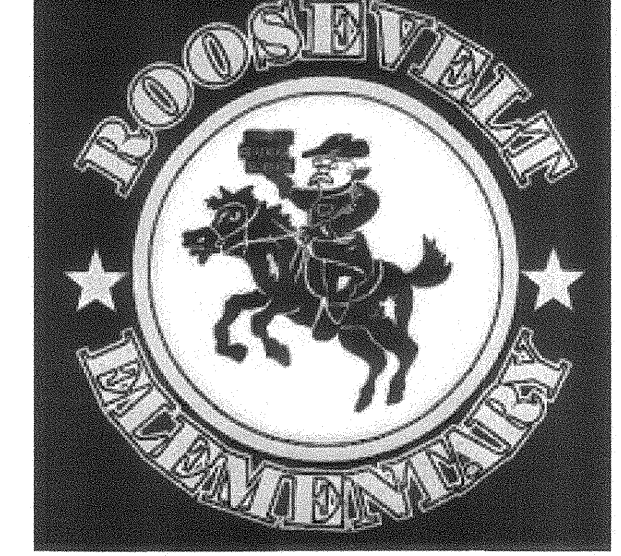
DSA ADMIN. REQUIREMENTS

- A COPY OF PARTS 1 TO 5, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
- CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
- NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO THE DSA FOR APPROVAL.
- SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDA, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.
- CONSTRUCTION CHANGE DOCUMENTS MUST BE SIGNED BY THE FOLLOWINGS:
 - ARCHITECT OR ENGINEER OF RECORD.
 - STRUCTURAL ENGINEER (WHEN APPLICABLE)
 - DELEGATED PROFESSIONAL ENGINEER.
- MATERIALS AND THEIR INSTALLATION SHALL COMPLY WITH APPLICABLE CODES, STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
- PER CBC 11B-104.1 "ALL DIMENSIONS ARE SUBJECT TO CONVENTIONAL INDUSTRY TOLERANCES EXCEPT WHERE THE REQUIREMENT IS STATED AS A RANGE WITH SPECIFIC MINIMUM AND MAXIMUM END POINTS."
- ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24, AND APPROVED TESTS AND INSPECTIONS SHEET.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT; AND SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24. COSTS OF RE-TEST SHALL BE PER GENERAL CONDITIONS.
- DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24.
- A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.
- CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (Form SSS-9) IN ACCORDANCE WITH SECTIONS 4-336 AND 4-343, PART 1, TITLE 24.
- THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341, PART 1, TITLE 24.
- THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTIONS 4-343, PART 1, TITLE 24.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DIRECTIVES-C.C.D., OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- A "DSA CERTIFIED" INSPECTOR WITH CLASS (3) CERTIFICATION IS REQUIRED FOR THIS PROJECT.

GENERAL NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA CODE OF REGULATIONS (TITLE DOCUMENTS) AND ALL OTHER LOCAL CODES AND ORDINANCES OF THE GOVERNING AUTHORITY HAVING JURISDICTION AND AS IDENTIFIED UNDER APPLICABLE CODES ON THIS SHEET. IT IS THE INTENT OF THESE DOCUMENTS TO COMPLY HERETO.
- ALL DRAWINGS SHALL BE USED IN CONCERT WITH EACH OTHER. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCY BETWEEN THE DOCUMENTS, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ARCHITECT. REFER TO THE ARCHITECTURAL AND ENGINEERING DRAWINGS FOR PLACEMENT, ORIENTATION AND COORDINATION OF WORK. INFORMATION SHOWN IN LARGER SCALE IS INTENDED TO SUPPLEMENT INFORMATION OF SMALLER, PRECEDING REFERENCE DRAWINGS. LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
- NOTATIONS MARKED "TYPICAL" (TYP) SHALL BE CONSISTENT THROUGHOUT AS SUCH REFERENCE NOMENCLATURE, SYMBOLS AND DRAWING INDICATIONS OF LIKE OR SIMILAR KIND.
- DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONSTRUCTION CONDITIONS AND DIMENSIONS PRIOR TO ORDERING, FABRICATING OR INSTALLING ANY ASSOCIATED WORK. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY ASSOCIATED WORK.
- CONTRACTOR SHALL VERIFY, AT THE SITE, ALL EXISTING CONDITIONS PRIOR TO SUBMITTAL OF BIDS. SITE VISITS DURING BIDDING SHALL BE COORDINATED WITH THE OWNER IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATIONS.
- CONTRACTOR SHALL PROTECT ALL EXISTING WORK. ANY DAMAGED WORK SHALL BE REPLACED WITH THE SAME MATERIALS, INCLUDING MATCHING THE EXISTING COLORS AND TEXTURES.
- EXISTING WORK IS SHOWN FOR REFERENCE ONLY. THE OWNER AND/OR ARCHITECT DO NOT GUARANTEE EXISTING CONDITIONS AS SHOWN ON THESE DOCUMENTS.
- CONTRACTOR(S) SHALL BE RESPONSIBLE FOR THEIR OWN CLEANUP AS WORK PROGRESSES.
- MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS THAT ARE DISCOVERED DURING THE PROGRESS OF THE WORK SHALL BE REPORTED TO THE OWNER IN WRITING. WORK IN THAT PARTICULAR AREA SHALL BE SUSPENDED UNTIL THE OWNER TESTS THE SUSPECT MATERIAL AND IT IS FOUND TO BE SAFE, OR THE MATERIAL HAS BEEN PROPERLY ABATED.
- ALL WORK IS NEW UNLESS OTHERWISE NOTED.
- IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONSTRUCTION DOCUMENTS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN.
- STORAGE OF CONSTRUCTION MATERIAL AND EFFECT OF WORK ON EXISTING OCCUPIED AREAS SHALL BE APPROVED BY THE LOCAL FIRE AUTHORITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL WORK PROVIDED BY OTHERS UNDER SEPARATE CONTRACT.
- KEYNOTES USED ON THE ARCHITECTURAL DRAWINGS ARE FOR ASSEMBLIES, MATERIAL REFERENCES AND NOTES. REFER TO THE KEYNOTE LIST ON THE RESPECTIVE DRAWING FOR THE INFORMATION WHICH RELATES TO EACH KEYNOTE.
- DURING CONSTRUCTION, COMPLIANCE WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION WILL BE ENFORCED.
- DURING CONSTRUCTION, COMPLIANCE WITH CBC CHAPTER 33, SAFETY WILL BE ENFORCED.
- NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO DSA FOR APPROVAL.
- SUBSTITUTIONS AFFECTING DSA REGULATIONS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDA AND APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.

BAKERSFIELD CITY SCHOOL DISTRICT



ROOSEVELT E.S. - MARQUEE SIGN

2324 VERDE ST., BAKERSFIELD, CA 93304

DSA FILE NO.: 15-6 DSA APP NO.: 03-118198 AGENCY TRACKING NO.: 63321-271

SHEET INDEX

GENERAL

G1000 GENERAL NOTES
Total: 1

ARCHITECTURAL

A1100 OVERALL & PARTIAL SITE PLANS
Total: 1

STRUCTURAL

S1100 STRUCTURAL NOTES
S1101 STRUCTURAL NOTES
S2100 STRUCTURAL DETAILS
Total: 3

ELECTRICAL

E1.0 SYMBOLS & GENERAL NOTES
E1.1 GENERAL ELECTRICAL SPECIFICATIONS
E2.0 SITE ELECTRICAL PLAN
E2.1 SINGLE LINE DIAGRAM
E3.0 DETAILS
Total: 5

Grand Total: 10 Sheets

APPLICABLE CODES

- CALIFORNIA CODE OF REGULATIONS, TITLE 24 - BUILDING STANDARDS**
- 2016 CALIFORNIA ADMINISTRATIVE CODE (CAC) (Title 24, Part 1, CCR)
 - 2016 CALIFORNIA BUILDING CODE (CBC), Volumes 1 & 2 (Title 24, Part 2, CCR) (2015 International Building Code with 2016 California amendments)
 - 2016 CALIFORNIA ELECTRICAL CODE, Title 24, Part 3, CCR) (2014 National Electrical Code with 2016 California amendments)
 - 2016 CALIFORNIA MECHANICAL CODE (CMC), Title 24, Part 4, CCR) (2015 Uniform Mechanical Code with 2016 California amendments)
 - 2016 CALIFORNIA PLUMBING CODE (CPC), Title 24, Part 5, CCR) (2015 Uniform Plumbing Code with 2016 California amendments)
 - 2016 CALIFORNIA ENERGY CODE, (Title 24, Part 6, CCR)
 - 2016 CALIFORNIA HISTORICAL BUILDING CODE, (Title 24, Part 8, CCR)
 - 2016 CALIFORNIA FIRE CODE (CFC), Title 24, Part 9, CCR) (2015 International Fire Code with 2016 California amendments)
 - 2016 CALIFORNIA EXISTING BUILDING CODE, (Title 24, Part 10, CCR) (2015 International Building Code with 2016 California amendments)
 - 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), Title 24, Part 11, CCR) - 2016 California Green Building Standards Code applies at those portions designated by California Building Standards Commission.
 - 2016 CALIFORNIA REFERENCE STANDARDS CODE, (Title 24, Part 12, CCR)
- 2010 ADA STANDARDS FOR ACCESSIBILITY DESIGN, U.S. Department of Justice
- 2016 NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2015 Edition
- 2016 NFPA 72, NATIONAL FIRE ALARM CODE AND SIGNALING CODE, 2015 Edition
- NOTE: SOME CODES MAY NOT APPLY IF WORK REGULATED BY SUCH CODES IS NOT WITHIN THE SCOPE OF THIS PROJECT.

PROJECT DIRECTORY

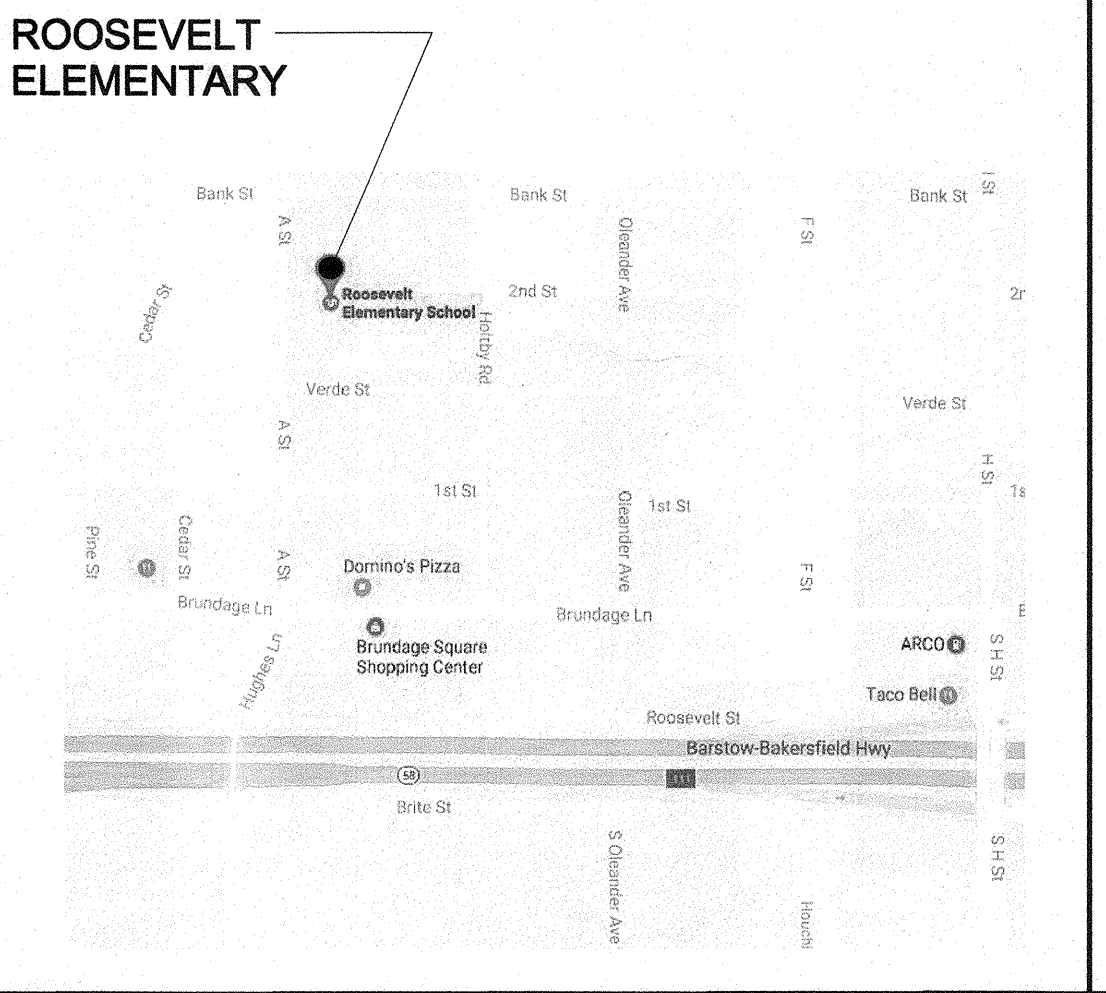
OWNER:
BAKERSFIELD CITY SCHOOL DISTRICT
1501 FELIZ DRIVE
BAKERSFIELD, CA 93307
PHONE: (661) 636-4000
FAX: (661) 636-4130
CONTACT: RANDY ROWLES
PRINCIPAL ARCHITECT

STRUCTURAL:
SMITH STRUCTURAL GROUP, LLP
811 EL CAPITAN WAY, SUITE 240
SAN LUIS OBISPO, CA 93401
PHONE: (805) 439-2110
CONTACT: MICHAEL PAROLINI
PRINCIPAL

ARCHITECT:
IBI GROUP ARCHITECTURE PLANNING
4119 BROAD STREET, SUITE 210
SAN LUIS OBISPO, CA 93401
PHONE: (805) 546-0433
FAX: (805) 546-0504
CONTACT: RICK MELLO
PRINCIPAL

ELECTRICAL:
FERRANTI ENGINEERING
1211 MARICOPA HWY, SUITE 260
OJAI, CA 93023
PHONE: (805) 705-4772
FAX: (805) 705-4772
CONTACT: DALE FERRANTI
PRINCIPAL

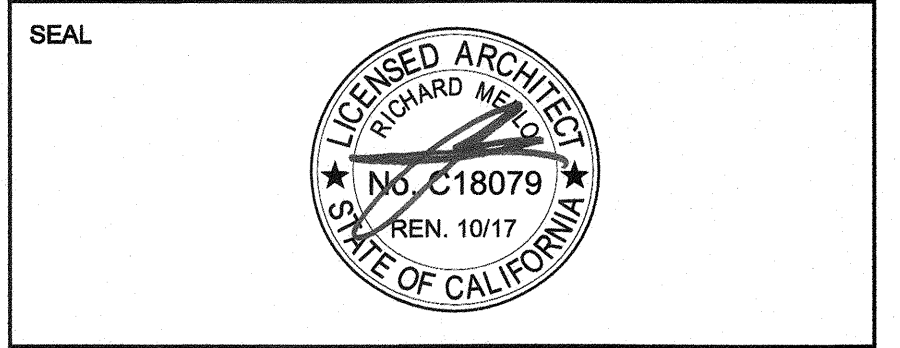
VICINITY MAP



PRIME CONSULTANT

ARCHITECTURE PLANNING

IBI San Luis Obispo
4119 Broad Street, Suite 210
San Luis Obispo, CA 93401
805.546.0433 fax: 805.546.0504



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AGENCY TRACKING NO. 63321-271
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-118198

AC: [Signature] Date: OCT 25 2017

BAKERSFIELD CITY SCHOOL DISTRICT

ROOSEVELT E.S. - MARQUEE SIGN
2324 VERDE ST., BAKERSFIELD, CA 93304

OPSC or OSHPD PROJ. NO. 17146.000

PROJECT NO. 17146.000

DRAWN BY: rRr

CHKD BY: RM

ISSUE DATE: 10/25/2017

SHEET TITLE

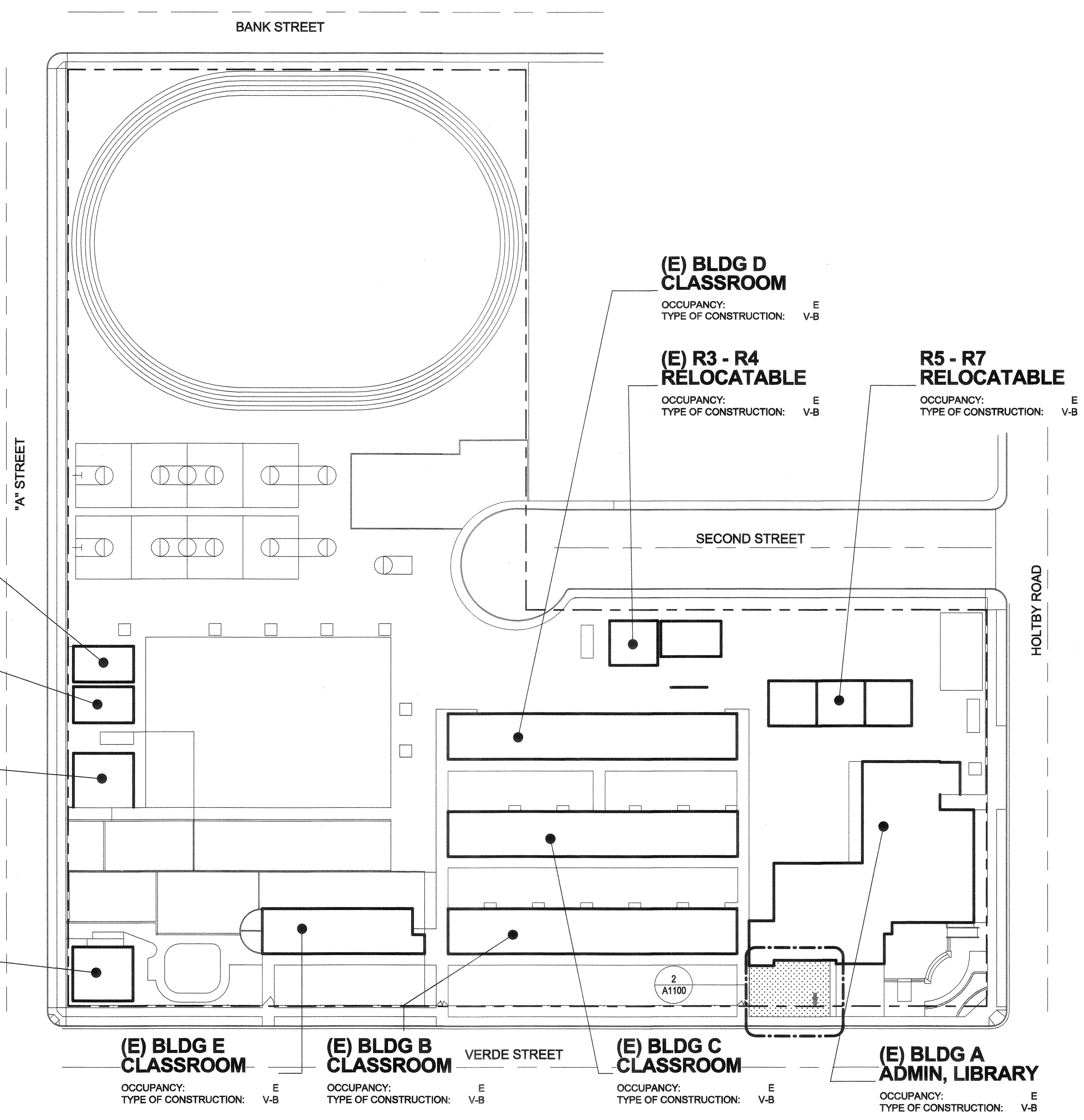
GENERAL NOTES

G1000

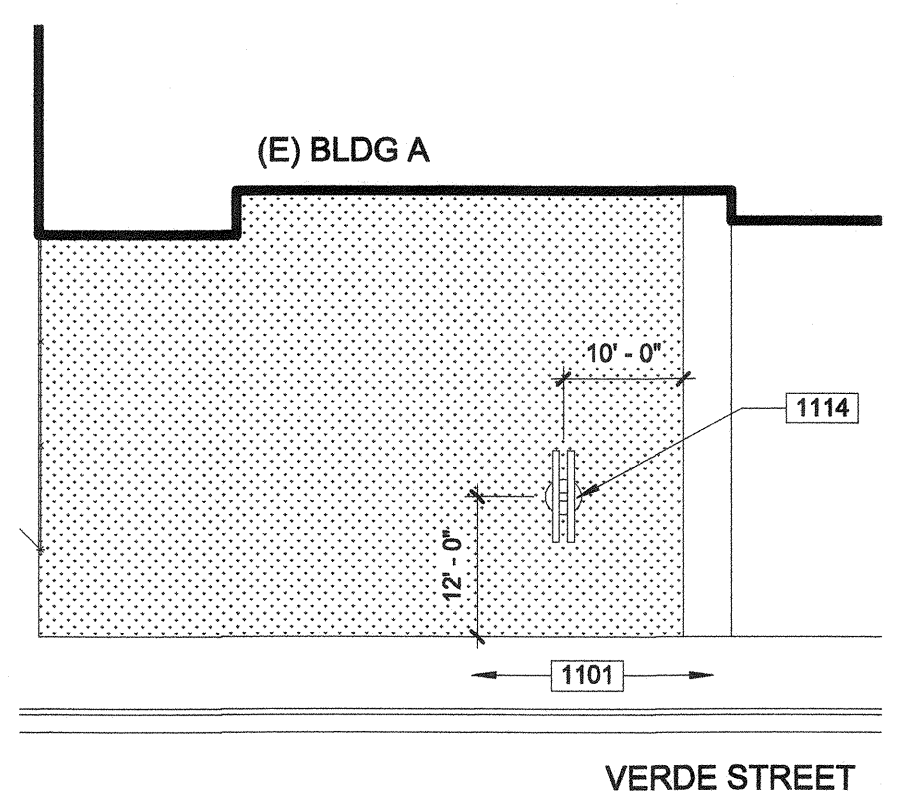
SHEET NUMBER

CONSTRUCTION DOCUMENTS

PLOT DATE: 10/17/2017 10:15:43 AM C:\Users\Ruben.Ruiz\Documents\REV172016\ATV_2017-03-23_ROOSEVELT.V2016_Ruben.Ruiz.rvt



1 OVERALL SITE PLAN - ROOSEVELT ELEMENTARY SCHOOL



2 PARTIAL SITE PLAN

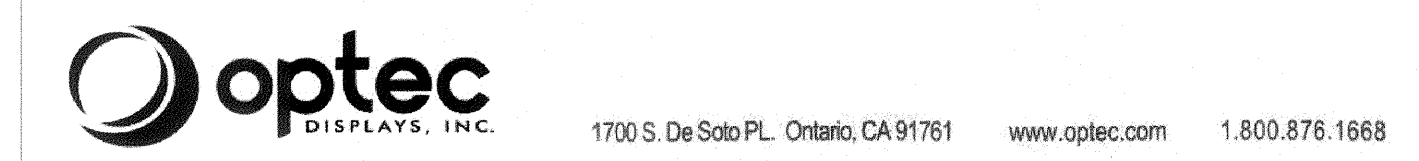
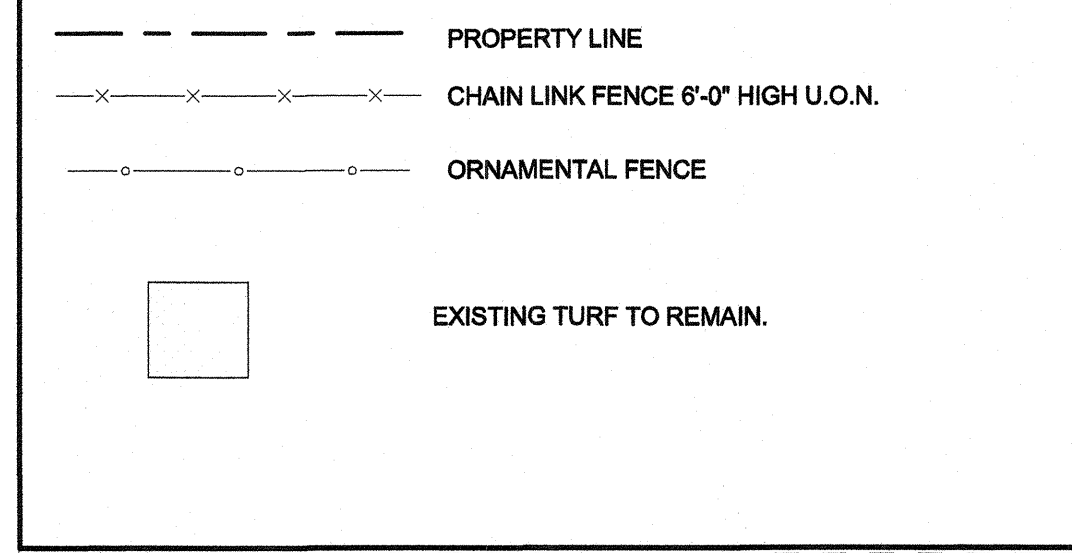
1000-GENERAL NOTES

- REFER TO ELECTRICAL DRAWINGS FOR UNDERGROUND UTILITIES.
- PRIOR TO ANY UNDERGROUND SITE WORK, VERIFY LOCATION OF ALL EXISTING UTILITIES WITH UNDERGROUND SERVICE ALERT (U.S.A.).
- CONTRACTOR SHALL REPLACE IN KIND ANY EXISTING IMPROVEMENTS DAMAGED BY DEMOLITION OR CONSTRUCTION ACTIVITIES.

1100 - KEYNOTES

- 1101 (E) CONCRETE/A.C. WALK TO REMAIN.
 1114 PROVIDE POLE MOUNTED MARQUEE SIGN. VERIFY WITH DISTRICT FOR EXACT LOCATION AND ORIENTATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

LEGEND



Date: 06/08/2017

Rusty Taylor
 Sign Solutions of California
 332 E. Norris Rd Suite 7
 Bakersfield CA 93308

Projects:

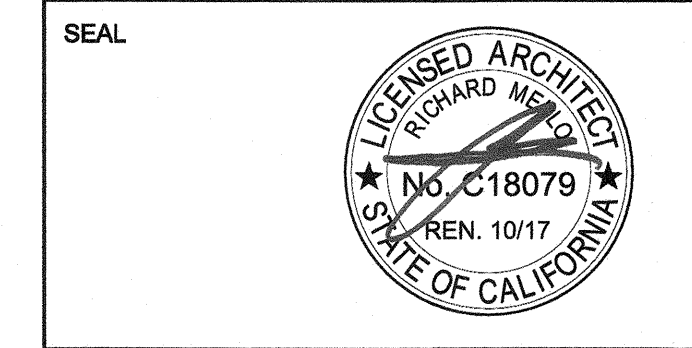
- Evergreen Elementary - 2600 Rose Marie Dr., Bakersfield, CA
- Stella Hills Elementary - 3800 Jewett Ave., Bakersfield, CA
- Thorner Elementary - 5501 Thorner St., Bakersfield, CA
- Roosevelt Elementary - 2324 Verde St., Bakersfield, CA
- Harris Elementary - 4110 Gamsey Ln, Bakersfield, CA
- William Penn Elementary - 2201 San Emidio St., Bakersfield, CA

The EMC Boards sold for this project are designed and built to 2016 CBC at 150mph w/ 3 sec. gust wind load with an Exposure C.

Sincerely

George Lin
 Optec Displays Inc.
 1700 S De Soto PL
 Ontario, CA 91761

PRIME CONSULTANT
IBI ARCHITECTURE PLANNING
 San Luis Obispo
 4119 Broad Street, Suite 210
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03-118198
 AC: FR, FL, SS, A
 DATE: OCT 25 2017

BAKERSFIELD CITY SCHOOL DISTRICT

ROOSEVELT E.S. - MARQUEE SIGN
 2324 VERDE ST., BAKERSFIELD, CA 93304

OPSC or OSHPD PROJ. NO.:

PROJECT NO:	17148.000
DRAWN BY:	rRr
CHKD BY:	RM
ISSUE DATE:	10/25/2017

SHEET TITLE
OVERALL & PARTIAL SITE PLANS

SHEET NUMBER
A1100

CONSTRUCTION DOCUMENTS
 PLOT DATE: 10/17/2017 10:17:06 AM C:\Users\Ruben.Ruiz\Documents\REV12016\ATV_2017-03-23_ROOSEVELT.V2016_Ruben.Ruiz.rvt

STRUCTURAL DESIGN VALUES

All values reported are unfactored and strength level, unless noted otherwise

Gravity Design Data		Value
Dead Loads:		
Electronic Sign		800 lbs.
Wind Design Data		
Design Wind Speed (3-sec gust), V_{ULT}		115 mph
Design Wind Speed (3-sec gust), V_{ASD}		85 mph
Risk Category		III
Exposure Category		C
Applicable Internal Pressure Coefficient		± 0.18
Design Wind Pressure(s)		$q_s = 24.8$ psf
Design Wind Force		$F = 1,730$ lbs.
Earthquake Design Data		
Risk Category		III
Importance Factor, I_e		1.25
Mapped Spectral Response Accelerations		$S_m = 1.089$ g $S_s = 0.404$ g
Site Class		D
Spectral Response Coefficients		$S_{ap} = 0.773$ g $S_{m1} = 0.430$ g
Seismic Design Category		D
Analysis Procedure Used	Equivalent Lateral Force Procedure (ASCE 7, 12.8)	
Nonbuilding Structure, not Similar to Building System	Signs and Billboards, Chapter 15 ASCE 7-10	
Response Modification Factor $R = 3$		
Seismic Response Coefficient $C_s = 0.323$		
Design Base Shear $V = 570$ lbs.		
Geotechnical Design Data		
Geotechnical Report prepared by: 2016 California Building Code, Chapter 18A		Value
Allowable Soil Bearing Pressure (DL + LL)		1500 psf
Design Passive Pressure, Unconstrained, P_p		100 pcf
Design Skin Friction, f_s		100 psf

SPECIAL INSPECTION

GENERAL NOTES

- All Special Inspection shall be provided in accordance with CBC Section 1704A and 1705A.
- Where Special Inspection is required, all inspection or testing shall be provided by an "approved agency" in accordance with CBC Section 1702A.1, 1703A.1 and 1704A.1.
- Special Inspectors shall keep records of inspections. The Special Inspector shall furnish inspection reports to the Authority Having Jurisdiction, and to the Architect or Engineer of Record. Reports shall indicate that work inspected was done in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Authority Having Jurisdiction and to the Architect or Engineer of Record prior to the completion of that phase of work. A final report documenting required Special Inspections and correction of any discrepancies noted in the inspections shall be submitted at a point in time agreed upon by the permit applicant and the Authority Having Jurisdiction prior to the start of work.
- Special Inspectors shall be approved by local Authority Having Jurisdiction in accordance with CBC Section 1704A.2.1.
- Local Authority Having Jurisdictions may require Special Inspection for "Special Cases" in accordance with CBC Section 1705A.1.1.
- Contractor's responsibility: Each contractor responsible for the construction of a Main Lateral-Force-Resisting System, listed in the Statement of Special Inspection shall submit a written statement of responsibility to the Authority Having Jurisdiction and the owner prior to the commencement of work on the system or component. The contractor's statement of responsibility shall contain the following:
 - Acknowledgement of awareness of the special requirements contained in the statement of special inspections;
 - Acknowledgement that control will be exercised to obtain conformance with the construction documents approved by the Authority Having Jurisdiction;
 - Procedures for exercised control within the contractor's organization, the method and frequency of reporting and the distribution of the reports; and
 - Identification and qualifications of the person(s) exercising such control and their position(s) in the organization.
- Refer to Special Inspection requirements by other disciplines not included herein.

CONCRETE CONSTRUCTION^{AO}

Verification and Inspection	Continuous	Periodic
1. Inspection of reinforcing steel including prestressing tendons, and placement. ²		✓
2. Inspection of reinforcing steel welding in accordance with Table 1705.2.2, Item 5b. ^d		✓
3. Inspection of anchors cast in concrete. ^e		✓
4. Inspection of anchors post installed in hardened concrete members. ^{2,4,6}		✓
5. Verifying use of required design mix. ⁸		✓
6. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete. ^h	✓	
7. Inspection of concrete and shotcrete placement for proper application techniques. ¹	✓	
8. Inspection for maintenance of specified curing temperature and techniques. ¹		✓
9. Inspection of prestressed concrete. ² a. Application of prestressing forces b. Grouting of bonded prestressing tendons in the Seismic Force-Resisting System	✓	
10. Erection of precast concrete members. ¹		✓
11. Verification of in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs. ⁶		✓
12. Inspect formwork for shape, location and dimensions of the concrete member being formed. ¹		✓

Notes: Concrete Construction

- Where applicable, see also CBC Section 1705A.12, Special Inspections for seismic resistance
- Specific requirements for Special Inspection shall be included in the research report for the anchor issued by an approved source in accordance with ACI 318-14 Section 17.8.2 or other requirements. Where specific requirements are not provided, Special Inspection requirements shall be specified by the Registered Design Professional and shall be approved by the Building Official prior to the commencement of the work.
- ACI 318: Ch. 20, 25.2, 25.3, 26.5-1-26.5.3, CBC: 1908A.4
- AWS D1.4, ACI 318: 26.5.4
- ACI 318: 17.8.2
- ACI 318: 17.8.2.4, 17.8.2
- ACI 318: Ch. 19, 26.4.3, 26.4.4, CBC: 1904A.1, 1904A.2
- ASTM C172, ASTM C31, ACI 318: 26.4.5, 26.12, CBC: 1908A.10, 1908A.2, 1908A.3
- ACI 318: 26.4.5, CBC: 1908A.6, 1908A.7, 1908A.8
- ACI 318: 26.4.7-26.4.9, CBC: 1908A.9
- ACI 318: 26.9.2.1, 26.9.2.3
- ACI 318: Ch. 26.8
- ACI 318: 26.10.2
- ACI 318: 26.10.1 (b)
- CBC Section 1705A.3 and Table 1705A.3
- See Special Cases Special Inspection for more requirements

STEEL CONSTRUCTION^{BO}

Verification and Inspection	Continuous	Periodic
Required verification and inspection of steel construction		
1. Material verification of structural steel, cold-formed steel deck, high-strength bolts, nuts and washers:		
a. For structural steel, identification markings to conform to AISI 360, or ASTM Standards Specified in approved Construction Documents. Manufacturer's certificate of compliance required.		✓
2. Material verification of structural steel or cold-form steel deck:		
a. Identification markings to conform to ASTM standards specified in the approved construction documents.		✓
b. Manufacturer's certified test reports.		✓
3. Inspection of high-strength bolting:		
a. Snug-tight joints		✓
b. Pretensioned and slip-critical joints using turn-of-nut with matchmarking, twist off bolt or direct tension indicator methods of installation		✓
c. Pretensioned and slip-critical joints using turn-of-nut without matchmarking or calibrated wrench methods of installation	✓	
4. Material verification of weld filler materials:		
a. Identification markings to conform to AWS specification in the approved Construction Documents		✓
b. Manufacturer's certificate of compliance required		✓
5. Inspection of welding:		
a. Structural steel and cold formed steel deck:		
1) Complete and partial joint penetration groove welds	✓	
2) Multi-pass fillet welds	✓	
3) Single-pass fillet welds $> \frac{3}{16}$ "	✓	
4) Plug and slot welds	✓	
5) Single-pass fillet welds $< \frac{3}{16}$ "		✓
6) Floor and roof deck welds ^c		✓
b. Reinforcing steel: ^d		
1) Verification of weldability of reinforcing steel other than ASTM A706.		✓
2) Reinforcing steel resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special structural walls of concrete and shear reinforcement.	✓	
3) Shear reinforcement	✓	
4) Other reinforcing steel		✓
6. Inspection of steel frame joint details for compliance:		
a. Details such as bracing and stiffening		✓
b. Member locations		✓
c. Application of joint details at each connection		✓
Inspection tasks prior to welding		
1. Welding procedure specifications (WSPs) available	✓	
2. Manufacturer certifications for welding consumables available	✓	
3. Material identification (type/grade)		✓
4. Welder identification system ^g		✓
5. Fit-up of groove welds (including joint geometry) Joint preparation, dimensions, cleanliness, tacking, backing type and fit		✓
6. Configuration and finish of access holes		✓
7. Fit-up of fillet welds Dimensions, cleanliness, tacking		✓
8. Check welding equipment		
Inspection tasks during welding		
1. Use of qualified welders		✓
2. Control and handling of welding consumables Packaging, exposure control		✓
3. No welding over cracked tack welds		✓
4. Environmental conditions Wind speed within limits, precipitation and temperature		✓

STEEL CONSTRUCTION, CONTINUED

Verification and Inspection	Continuous	Periodic
Inspection tasks during welding (Continued)		
5. WPS followed Settings on welding equipment, travel speed, selected welding materials, shielding gas type/flow rate, preheat applied, interpass temperature maintained min./max., proper position (F, V, H, OH)		✓
6. Welding techniques Interpass and final cleaning, each pass within profile limitations		✓
Inspection tasks after welding		
1. Welds cleaned		✓
2. Size, length and location of welds	✓	
3. Welds meet visual acceptance criteria Crack prohibition, weld/base-metal fusion, crater cross section, weld profiles, weld size, undercut, porosity	✓	
4. Arc strikes	✓	
5. K-Area ^f	✓	
6. Backing removed and weld tabs removed (if required)	✓	
7. Repair activities	✓	
8. Document acceptance or rejection of welded joint or member	✓	
Inspection tasks prior to bolting ^g		
1. Manufacturer's certifications available for fastener materials	✓	
2. Fasteners marked in accordance with ASTM requirements		✓
3. Proper fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded from shear plane)		✓
4. Proper bolting procedure selected for joint detail		✓
5. Connecting elements, including the appropriate faying surface condition and hole preparation, if specified, meet applicable requirements		✓
6. Pre-installation certification testing by installation personnel observed and documented for fastener assemblies and methods used		✓
7. Proper storage provided for bolts, nuts, washer and other fastener components		✓
Inspection tasks during bolting		
1. Fastener assemblies, of suitable condition, placed in all holes and washers (if required) are positioned as required		✓
2. Joint brought to the snug-tight condition prior to the pretensioning operation		✓
3. Fastener component not turned by the wrench prevented from rotating		✓
4. Fasteners are pretensioned in accordance with the RCSC specification, progressing systematically from the most rigid point toward the free edges, see Minimum Bolt Pretension table below		✓
Inspection tasks after bolting		
1. Document acceptance or rejection of bolted connections	✓	
Notes: Steel Construction		
a. CBC Section 1705A.2 and Table 1705A.2.2		
b. CBC Section 1707A.11.1		
c. AWS D1.3		
d. AWS D1.4, ACI 318: Section 3.5.2		
e. The fabricator or erector, as applicable, shall maintain a system by which a welder who has welded a joint or member can be identified. Stamps, if used, shall be the low-stress type.		
f. When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3 inches of the weld		
g. All methods of installation for high strength bolts shall require verification of pre-tension by a Skidmore-Welch calibrator for each batch or source of bolts used (see minimum pre-tension chart below).		

CAST-IN-PLACE DEEP FOUNDATIONS⁹

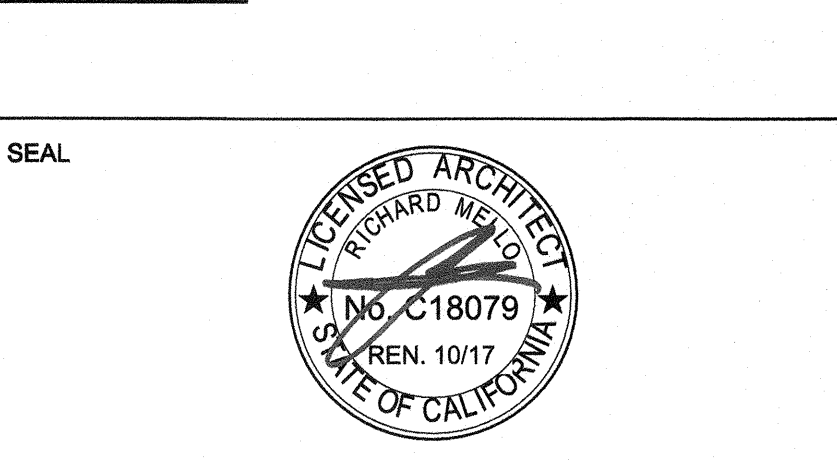
Verification and Inspection	Continuous	Periodic
1. Inspect drilling operations and maintain complete and accurate records for each element.	✓	
2. Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end bearing strata capacity. Record concrete or grout volumes.	✓	
3. For concrete elements, perform additional inspections and see Concrete Construction chart, this sheet, in accordance with CBC Section 1705A.3.		

Notes: Cast-in-place Deep Foundations
a. CBC Section 1705A.8 and Table 1705A.8

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REGISTERED PROFESSIONAL ENGINEER
MICHAEL E. PARSONS
No. 5405
STATE OF CALIFORNIA

DATE SIGNED:
10.25.17

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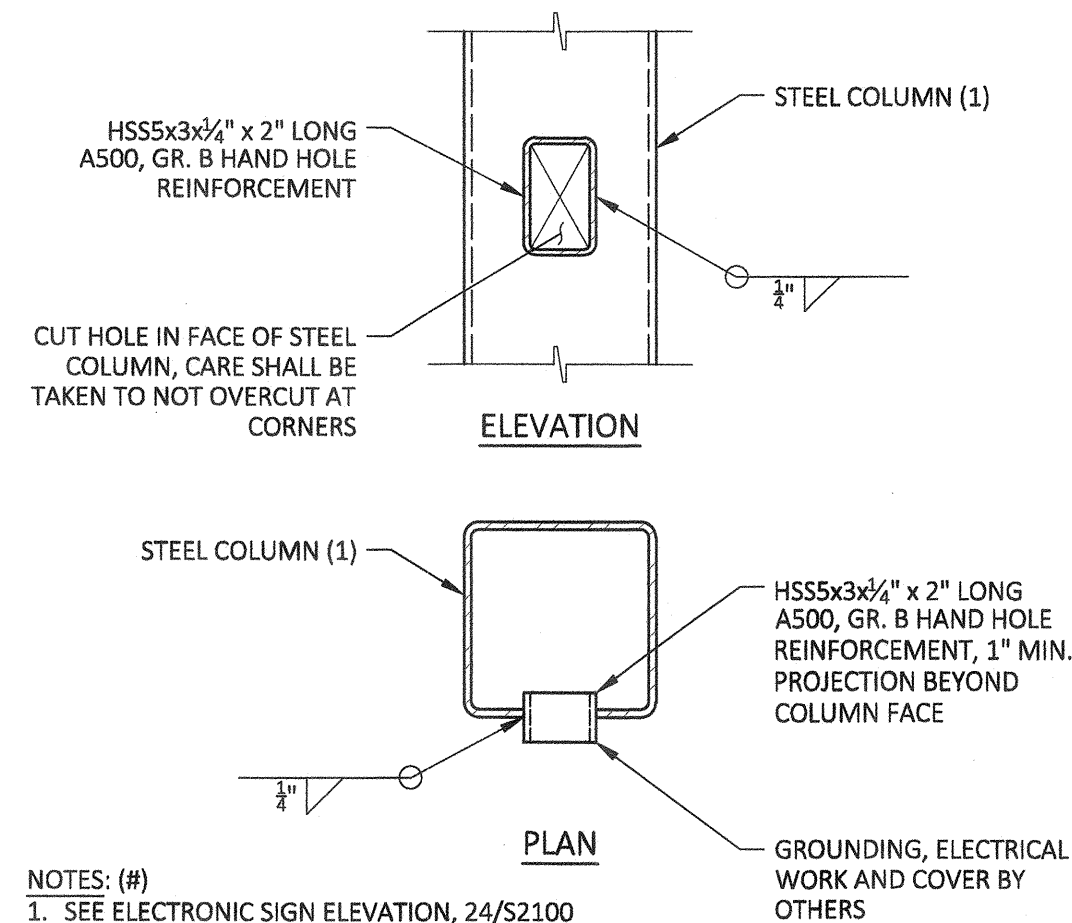
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STRUCTURAL NOTES

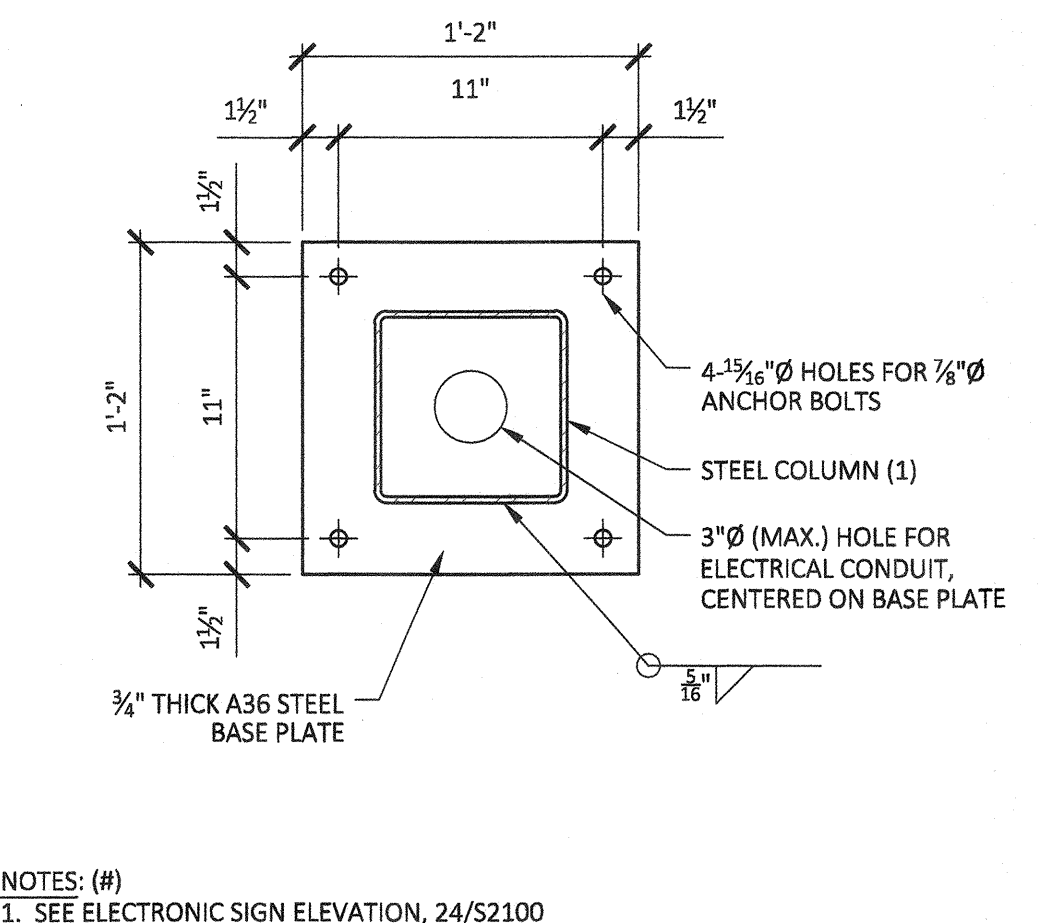
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S1101

CONSTRUCTION DOCUMENTS



41 CONDUIT HAND HOLE



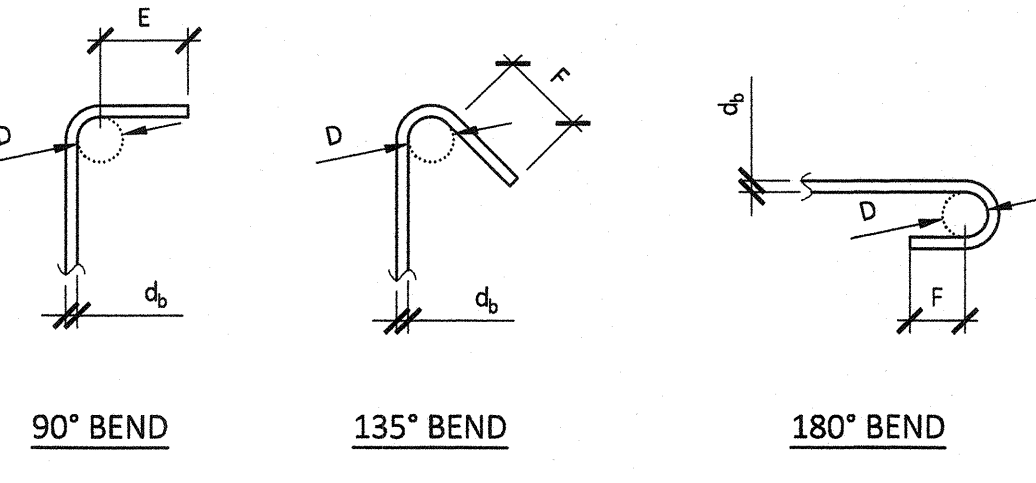
31 BASE PLATE

Concrete Reinforcing Splices (1)(2)

Bar Size	Concrete Reinforcing Splices (1)(2)	
	Class B (3) Splice	f _y (Min.)
#3	21"	40 ksi
#4	27"	40 ksi
#5	51"	60 ksi
#6	61"	60 ksi
#7	71"	60 ksi
#8	82"	60 ksi
#9	92"	60 ksi
#10	103"	60 ksi

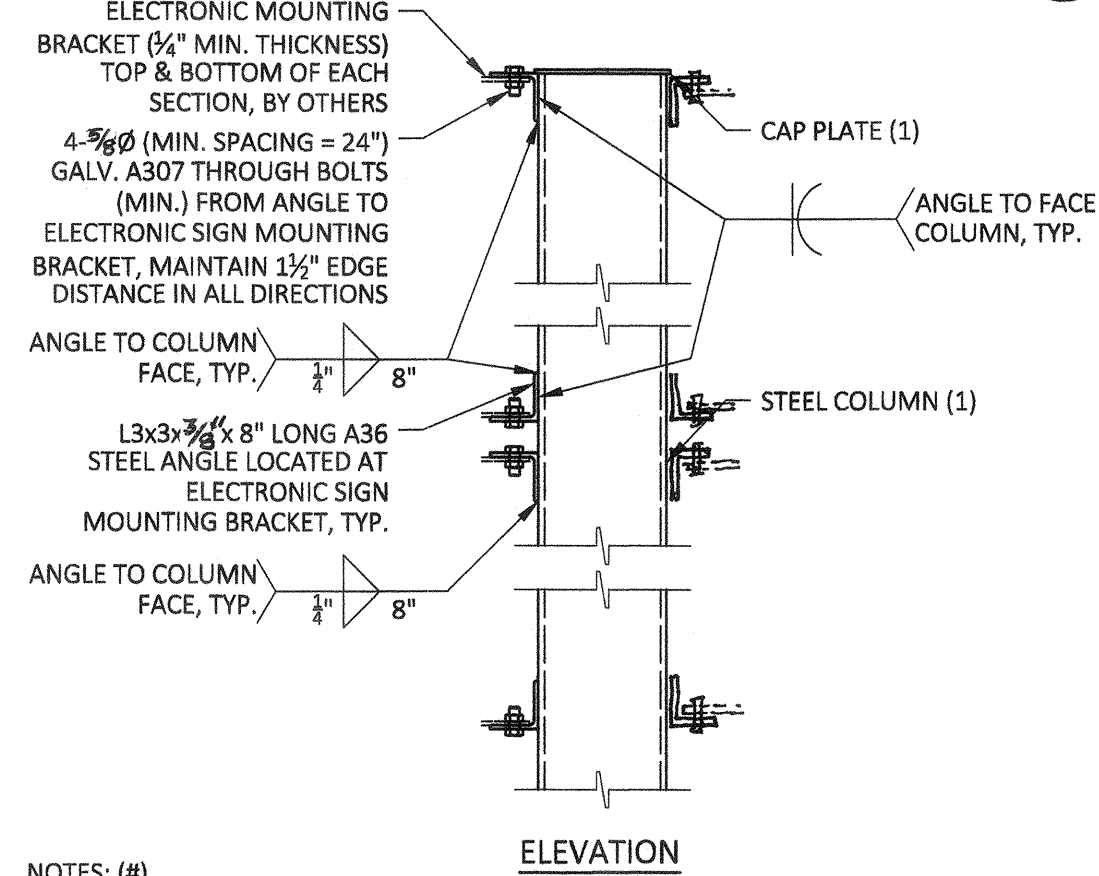
NOTES: (#)
 1. LAP LENGTHS LISTED APPLY TO ALL LOCATIONS: VERTICAL, HORIZONTAL, TOP, BOTTOM, AND SITE WALLS
 2. WHERE BARS OF A DIFFERENT SIZE ARE LAPPED, THE LAP LENGTH SHALL BE THE LENGTH REQUIRED BY THE LARGER BAR
 3. ALL SPLICES SHALL BE CONSIDERED CLASS B UNLESS SPECIFICALLY NOTED OTHERWISE

11 TYPICAL LAP SPLICES

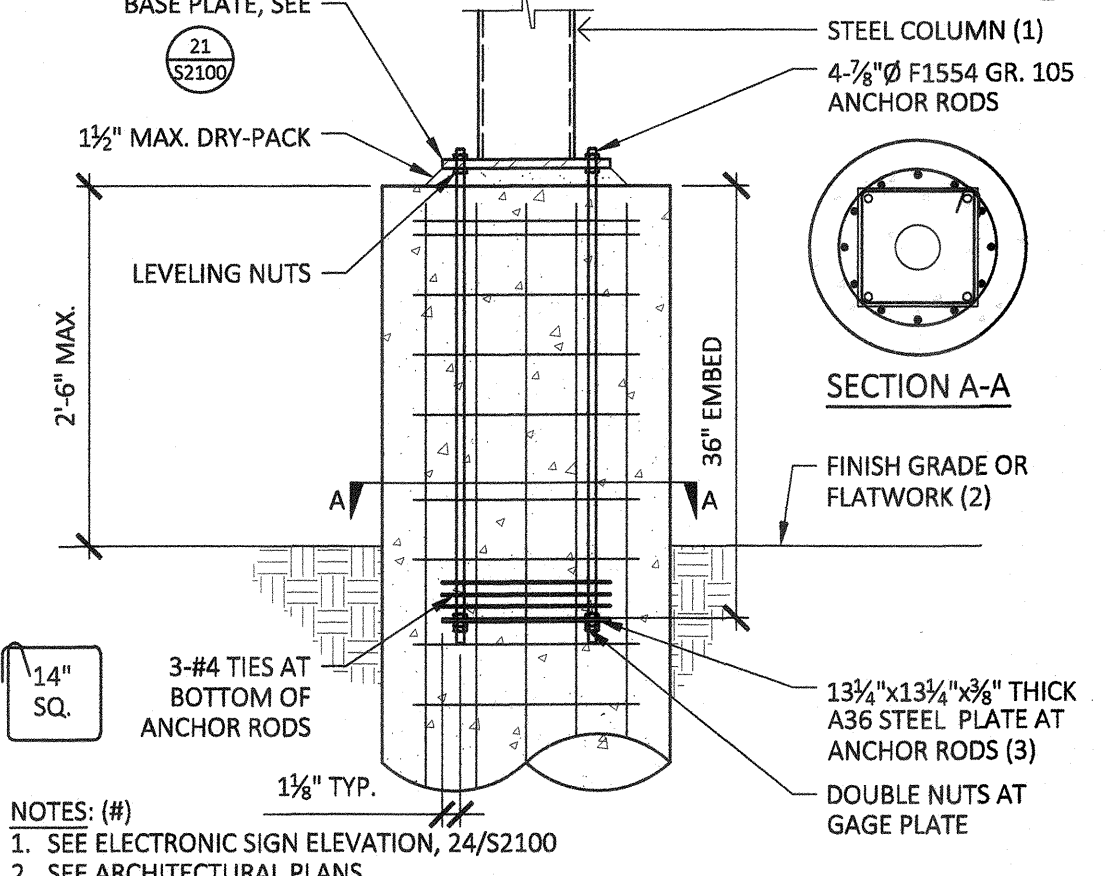


Dimension of Standard Bends

Bar Size	Dimension of Standard Bends		
	D	E	F (6d _b) [3" min.]
#3	1 1/2"	2 3/4"	3"
#4	2"	3"	3"
#5	2 1/2"	3 3/4"	3 3/4"

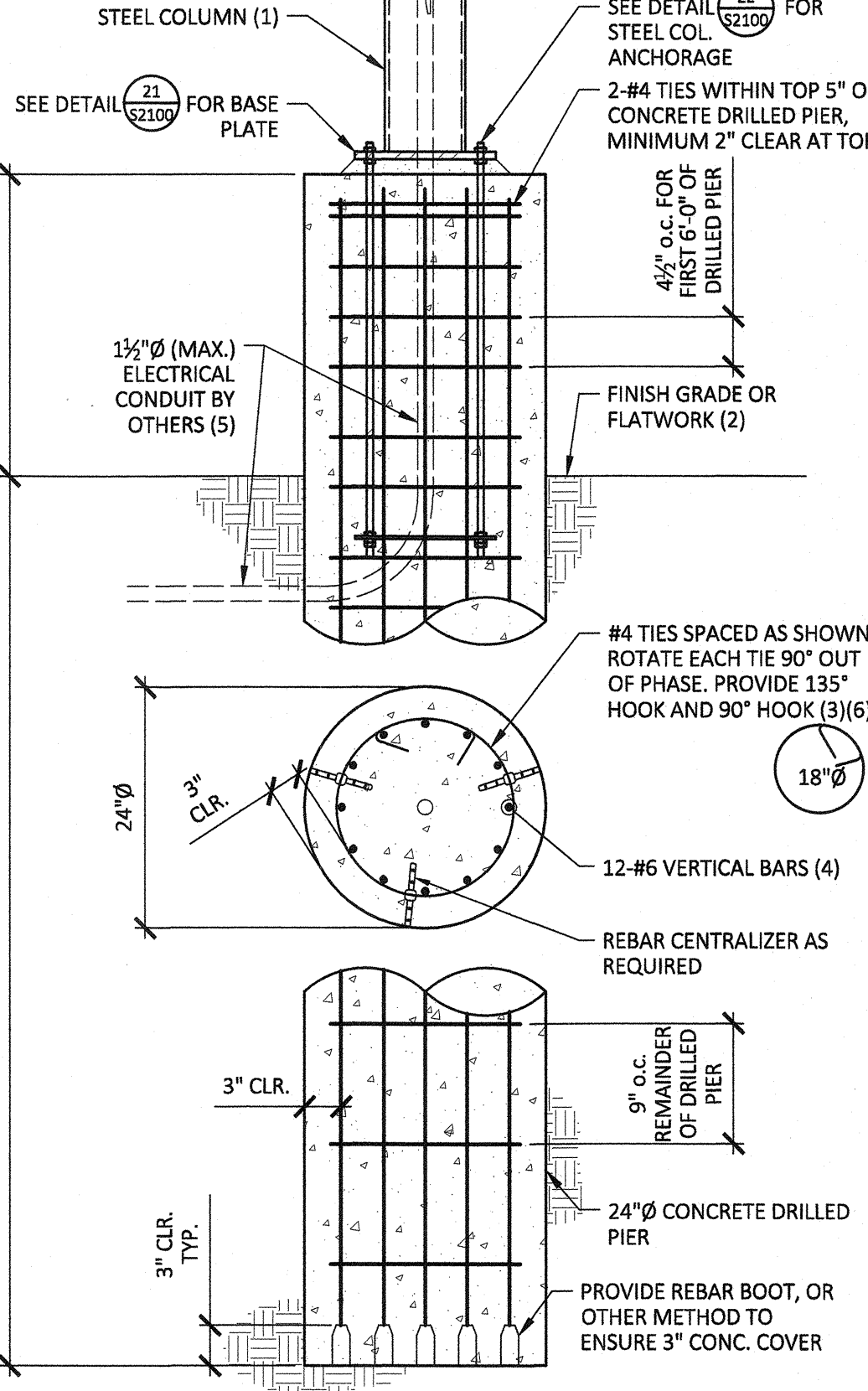


42 ELECTRONIC SIGN MOUNT



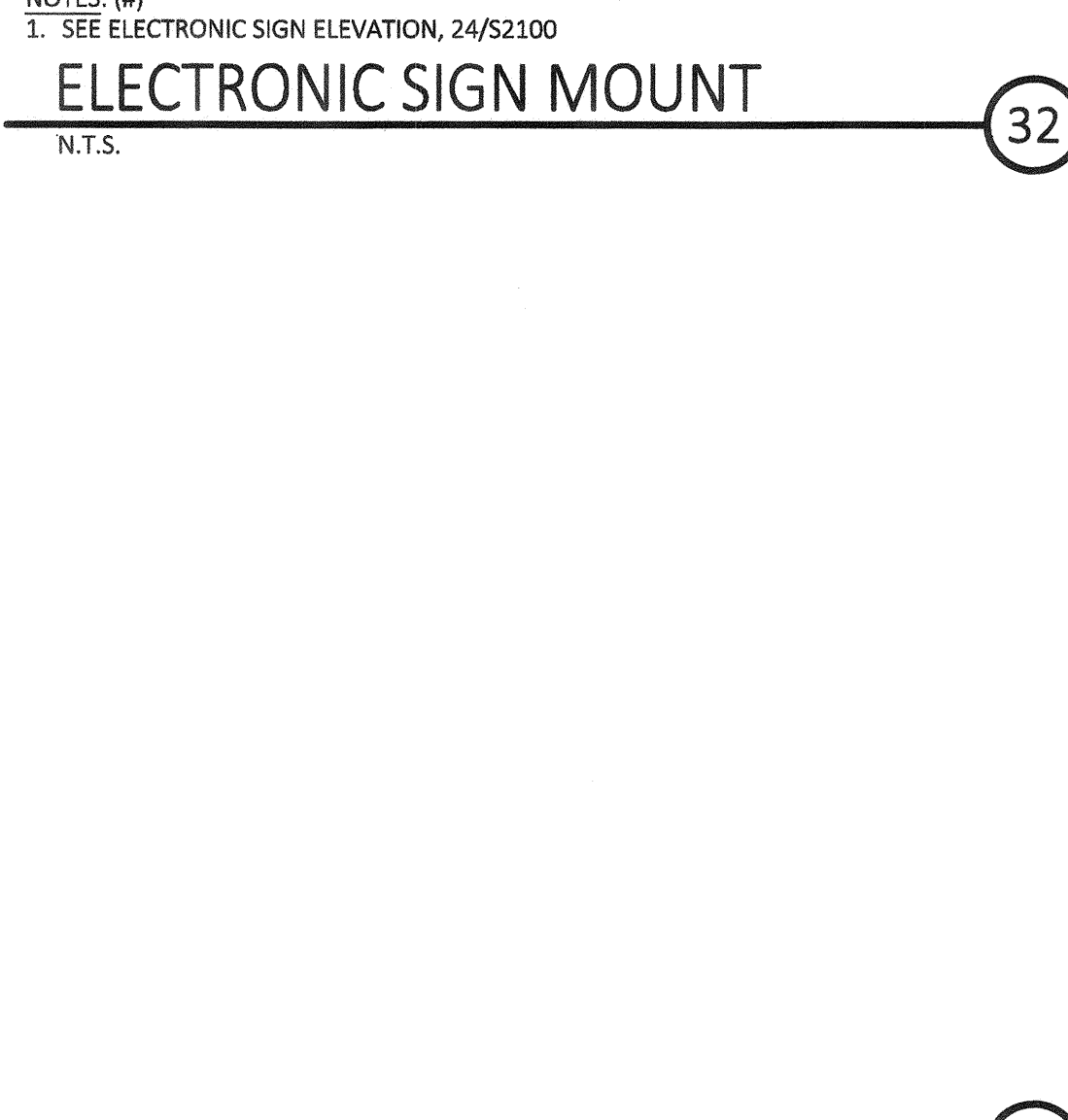
22 STEEL COL. ANCHORAGE

12 TIE AND STIRRUP BENDS

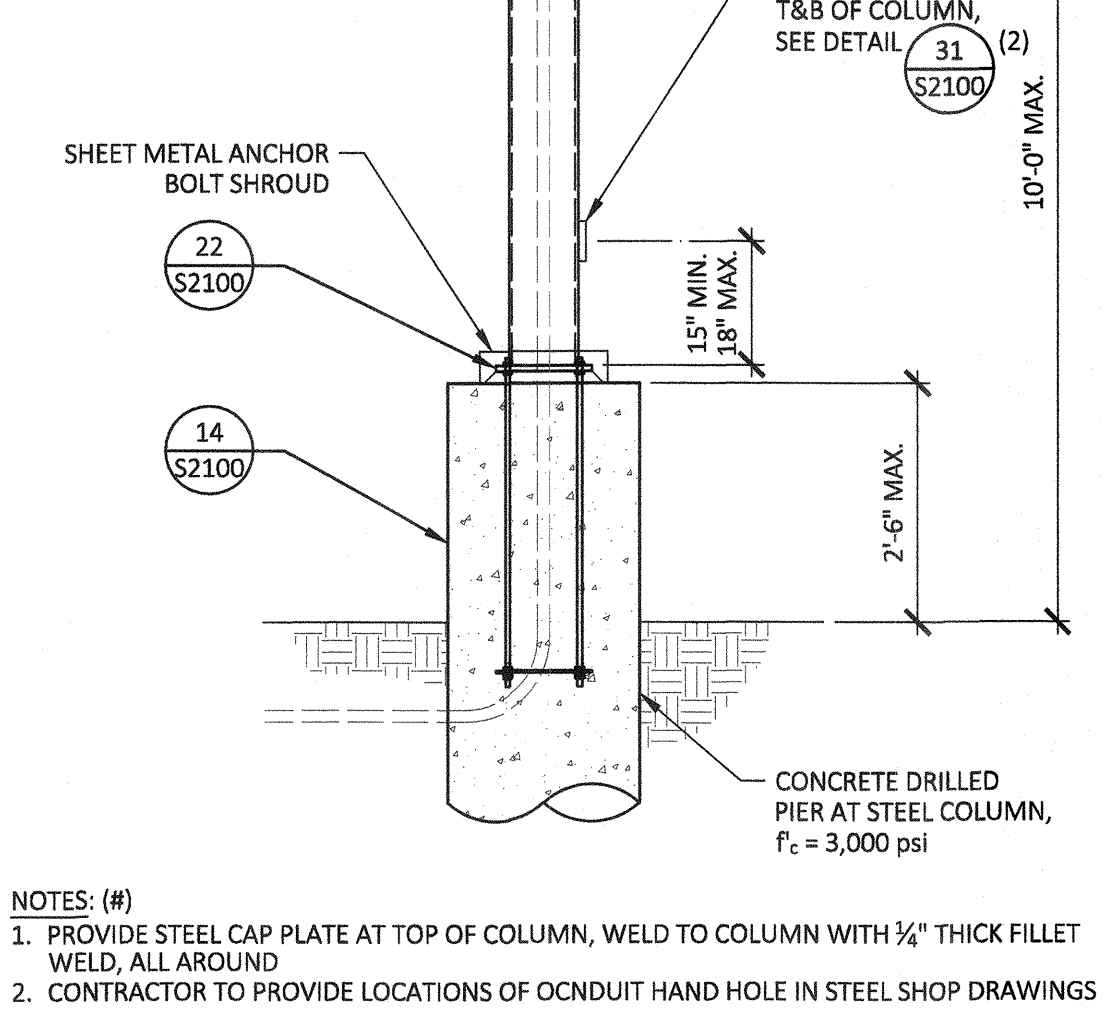


NOTES: (#)
 1. SEE ELECTRONIC SIGN ELEVATION, 24/S2100
 2. SEE ARCHITECTURAL PLANS
 3. SEE DETAIL 12/S2100 FOR REINFORCEMENT BEND REQUIREMENTS
 4. SPLICE REINFORCEMENT PER 11/S2100 AS REQUIRED. ALL SPLICES ARE TO BE CLASS B.
 5. CONDUIT SHALL BE CENTERED ON DRILLED PIER AND BASE PLATE. LOCATION OF CONDUIT APPROACH SHOWN GRAPHICALLY ONLY FOR REFERENCE, VERIFY ACTUAL CONDITIONS IN FIELD
 6. TIE SHALL OVERLAP ITSELF A MINIMUM OF 6" AND HOOK AT VERTICAL BARS. MAXIMUM OF THREE VERTICAL BAR SPACINGS BETWEEN HOOKS

14 CONCRETE DRILLED PIER



43 ELECTRONIC SIGN ELEV.



24 ELECTRONIC SIGN ELEV.

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STRUCTURAL DETAILS

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S2100

CONSTRUCTION DOCUMENTS

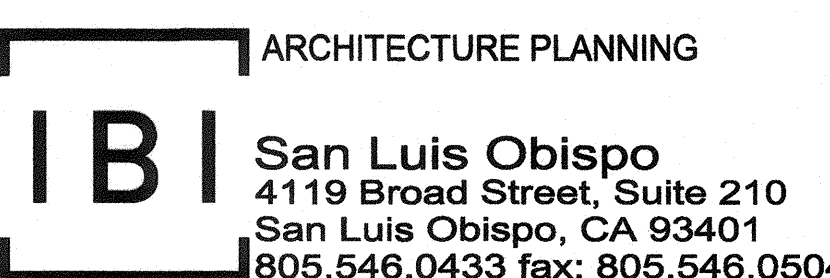
GENERAL: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM AS SHOWN ON THE DRAWINGS... UNDERGROUND HANDHOLES AND BOXES: INSTALL HANDHOLES AND BOXES LEVEL AND PLUMB AND WITH ORIENTATION AND DEPTH COORDINATED WITH CONNECTING CONDUITS... TRANSFORMERS: TRANSFORMERS SHALL BE TP-1 RATED, DRY TYPE, SHEET METAL ENCLOSED, CLASS 20 DEGREES INSULATION... CONDUIT: CONDUIT INSTALLED WITHIN CONCEALED AREAS MAY BE EMIT OR RIGID STEEL, IN EXPOSED AREAS SUBJECT TO CONDUIT DAMAGE... WIRING DEVICES: SINGLE-POLE SWITCHES SHALL BE 20 AMPERES, 120/277 VOLT, AC, SIDE AND BACK WIRED, HUBBELL CAT. #HBL-1221-W... TERMINAL CABINETS: TERMINAL CABINETS SHALL BE FLUSH OR SURFACE MOUNTED AS INDICATED WITH HINGED DOORS AND LOCK... COLOR CODE SECONDARY SERVICE, FEEDER AND BRANCH CIRCUIT CONDUCTORS WITH FACTORY APPLIED COLOR AS FOLLOWS:

208Y/120 VOLTS	PHASE	480Y/277 VOLTS
BLACK	BROWN	BROWN
RED	ORANGE	ORANGE
BLUE	YELLOW	YELLOW
WHITE	WHITE	WHITE
GREEN	NEUTRAL GROUND	GREEN

TERMINAL CABINETS
TERMINAL CABINETS SHALL BE FLUSH OR SURFACE MOUNTED AS INDICATED WITH HINGED DOORS AND LOCK. MATCH PANEL BOARD LOCK. EXTERIOR FINISH TO BE SAME AS FOR PANEL BOARDS. PROVIDE 3/4" PLYWOOD BACKING INSIDE OF CABINET. PROVIDE PROPER NUMBER OF TERMINALS IN CABINETS AS REQUIRED.
PROVIDE FLAT MOUNT TERMINAL BLOCKS MOUNTED ON PLYWOOD BACKING INSIDE TERMINAL CABINETS FOR CONDUCTOR TERMINATION. PROVIDE QUANTITY OF TERMINAL BLOCKS FOR EACH SYSTEM AS REQUIRED. TERMINAL BLOCKS SHALL BE KULKA STANDARD 600-800A SERIES AS MANUFACTURED BY MARATHON SPECIAL PRODUCTS.
PROVIDE A BAKEITRE NAMEPLATE FASTENED WITH SCREWS TO THE FACE OF EACH TERMINAL CABINET WHICH WILL IDENTIFY IT.
MATCH PANEL KEY
PROVIDE CIRCUIT DIRECTORY AND HOLDER ON INSIDE OF DOOR WITH ONE LINE FOR EACH CONDUCTOR ENTERING AND EACH CONDUCTOR LEAVING CABINET.

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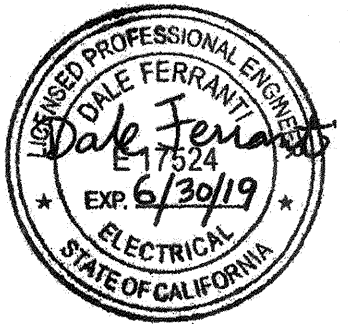
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GENERAL ELECTRICAL SPECIFICATIONS

E1.1

CONSTRUCTION DOCUMENTS

SHEET NOTES

- CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT AT 811 TO LOCATE UNDERGROUND UTILITIES AT LEAST 2 WORKING DAYS PRIOR TO DIGGING. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF EXISTING IMPROVEMENTS PRIOR TO START OF CONSTRUCTION.
- VERIFY LOCATION OF ALL BUILDINGS AND APPENDICES ON ARCHITECTURAL AND CIVIL PLANS.
- FIELD VERIFY LOCATION ON ALL UNDERGROUND UTILITIES PRIOR TO TRENCHING. SCHEDULE AND COORDINATE ALL SITE WORK WITH OWNER PRIOR TO ANY TRENCHING.
- CONTRACTOR SHALL VERIFY LOCATION & REQUIREMENTS OF ALL DEVICES/EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO BID PROPOSAL, ROUGH-IN, AND FINISH.
- CONTRACTOR SHALL, IN ROUTING ALL CIRCUITS, INCREASE CONDUCTOR & CONDUIT SIZE TO ALLOW FOR VOLTAGE DROP SHOULD THE CONTRACTOR EXCEED ROUTING INDICATED ON DRAWINGS. ENGINEER OF RECORD MUST BE NOTIFIED PRIOR TO ANY DEVIATIONS FROM APPROVED PLAN CHECK (PERMIT SET) DRAWINGS.
- ALL 90 DEGREE CONDUIT BENDS AND RISERS SHALL BE PVC COATED RIGID STEEL.
- CONTRACTOR SHALL COORDINATE AND PROVIDE ALL SITE ELECTRICAL SERVICE REQUIREMENTS WITH SERVING UTILITY.
- ALL SERVICE ENTRANCE EQUIPMENT SHOP DRAWINGS SHALL BE SUBMITTED TO THE LOCAL UTILITY COMPANY FOR APPROVAL WITH WRITTEN APPROVAL RECEIVED PRIOR TO SUBMISSION TO ELECTRICAL ENGINEER FOR APPROVAL.
- VERIFY LOCATION OF ALL EQUIPMENT ON ARCHITECTURAL AND CIVIL PLANS.
- MINIMUM CONDUIT BURIAL DEPTH IS 24". 36" MINIMUM BELOW STREETS AND PARKING LOTS, FOR 0-600 VOLT SYSTEMS.
- PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTORS IN ALL OCCUPIED CONDUITS.
- 1" CONDUIT MINIMUM UNDERGROUND.
- COORDINATE WORK WITH OTHER TRADES, OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS, DEVICES, AND WIRING REQUIRED, WHETHER SHOWN ON THE ELECTRICAL DRAWINGS OR NOT.
- CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURER'S RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE, AND PER LOCAL AUTHORITIES HAVING JURISDICTION.
- FIELD CONDITIONS GOVERN DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS PRIOR TO START OF WORK. THE ARCHITECT/ENGINEER SHALL BE NOTIFIED OF POSSIBLE FIELD PROBLEMS PRIOR TO DEMOLITION. CONTRACTOR SHALL NOTIFY DISTRICT REPRESENTATIVE OF WORK BEING PERFORMED. COORDINATE WITH DISTRICT REPRESENTATIVE.
- ALL EMPTY CONDUITS SHALL BE PROVIDED WITH DIMENSIONED NYLON PULL STRING.
- CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OR TRENCHING. CONTRACTOR SHALL PROTECT ALL EXISTING/REMAINING UTILITIES IN PLACE. CONTRACTOR, AT HIS SOLE EXPENSE, SHALL REPAIR ANY UTILITY SYSTEMS DAMAGED DURING CONSTRUCTION.

KEY NOTES

- (NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)
- APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION.
 - PROVIDE COMMUNICATIONS PULLBOX. PROVIDE 11"x17" TRAFFIC RATED PULLBOX WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "COMMUNICATIONS". #81017BOX WITH #81017-51JH COVER, BY CHRISTY CONCRETE.
 - PROVIDE POWER PULLBOX. PROVIDE 11"x17" TRAFFIC RATED PULLBOX WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "ELECTRIC". #81017BOX WITH #81017-51JH COVER, BY CHRISTY CONCRETE.
 - COMMUNICATIONS CABLES SHALL BE PROVIDED IN SEPARATE RACEWAY WITHIN METAL POLE. PROVIDE 1-1/4" LIQUID TITE FLEXIBLE NONMETALLIC CONDUIT FOR COMMUNICATIONS CABLES. VERIFY & PROVIDE PER MARQUEE SIGN VENDOR'S SHOP DRAWINGS & APPROVED SUBMITTALS.

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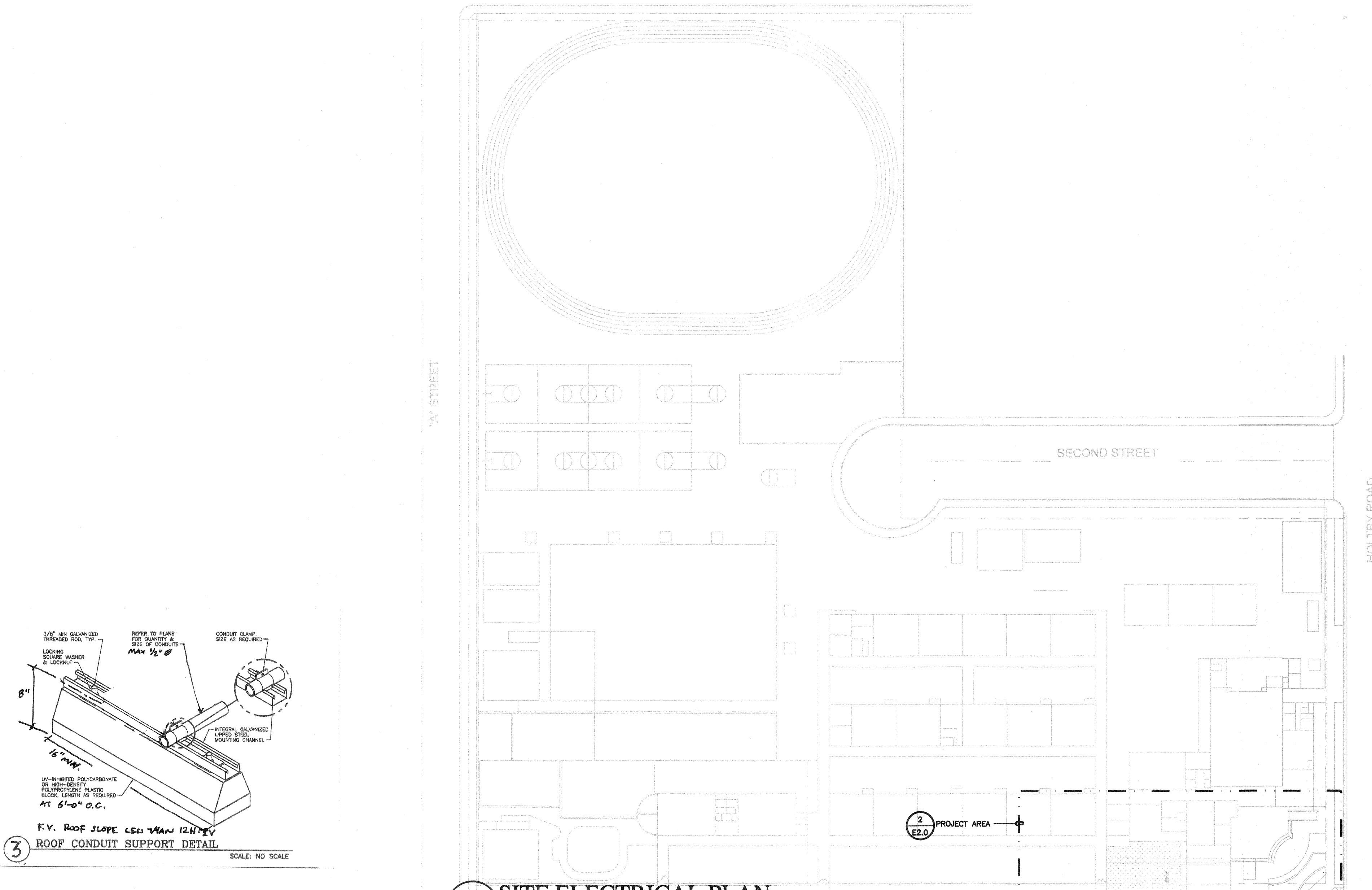
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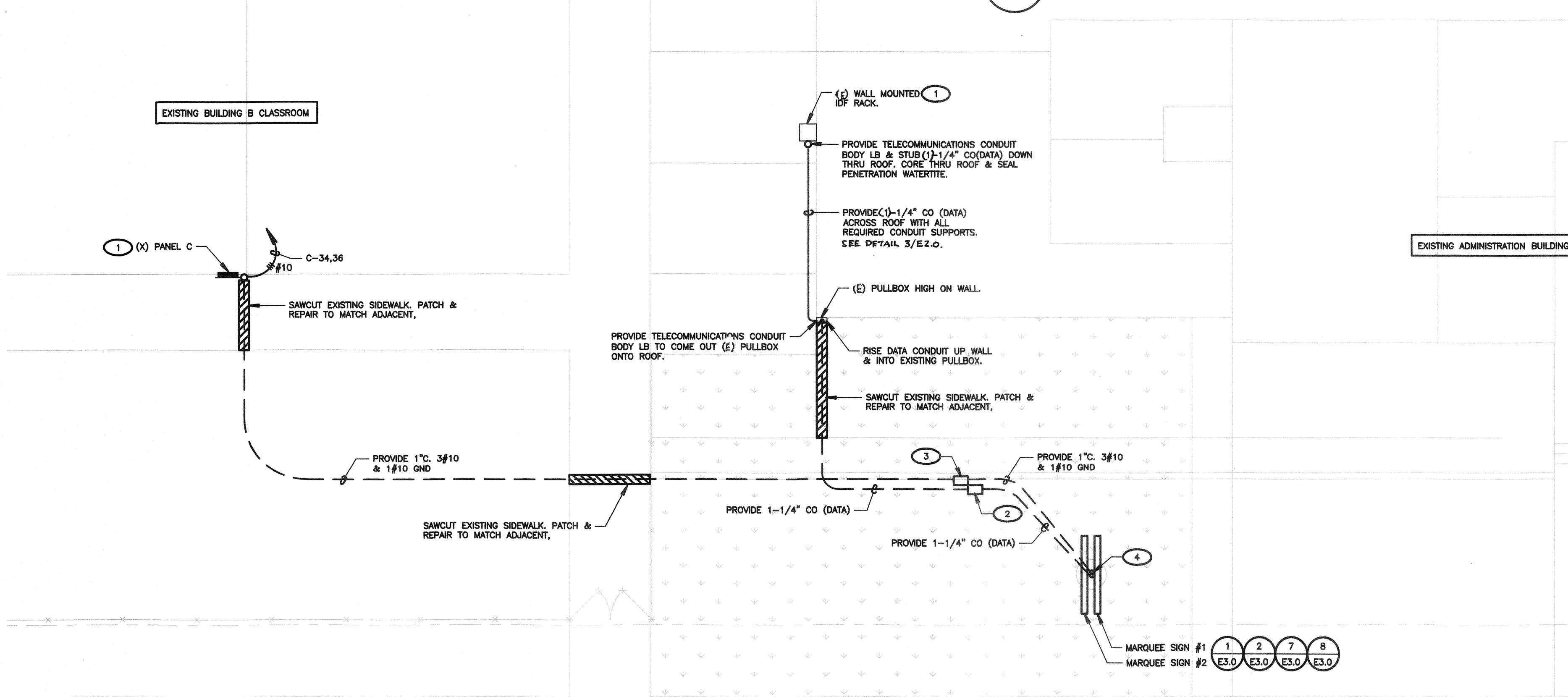
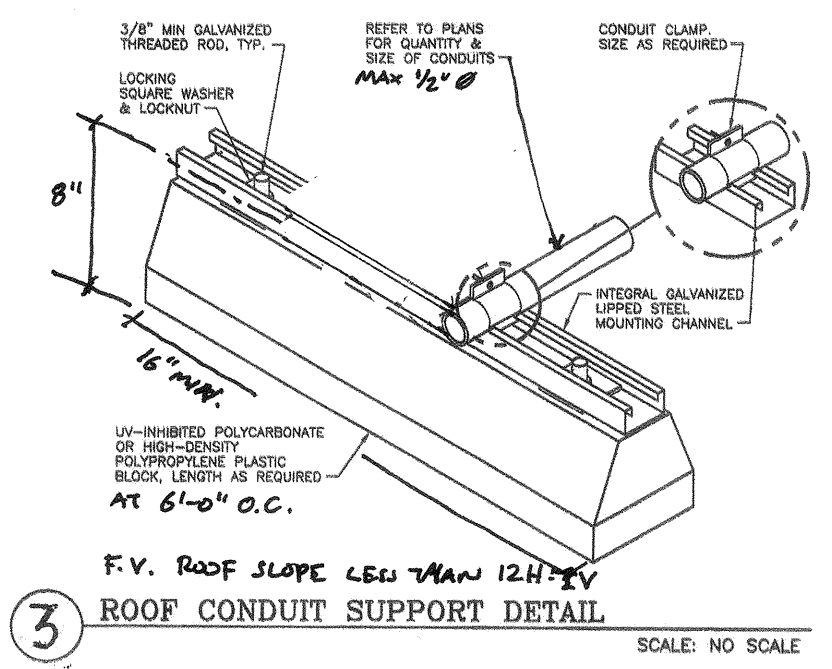
SITE ELECTRICAL PLAN

SHEET NUMBER

E2.0



1 SITE ELECTRICAL PLAN
 SCALE: 1"=50'-0"



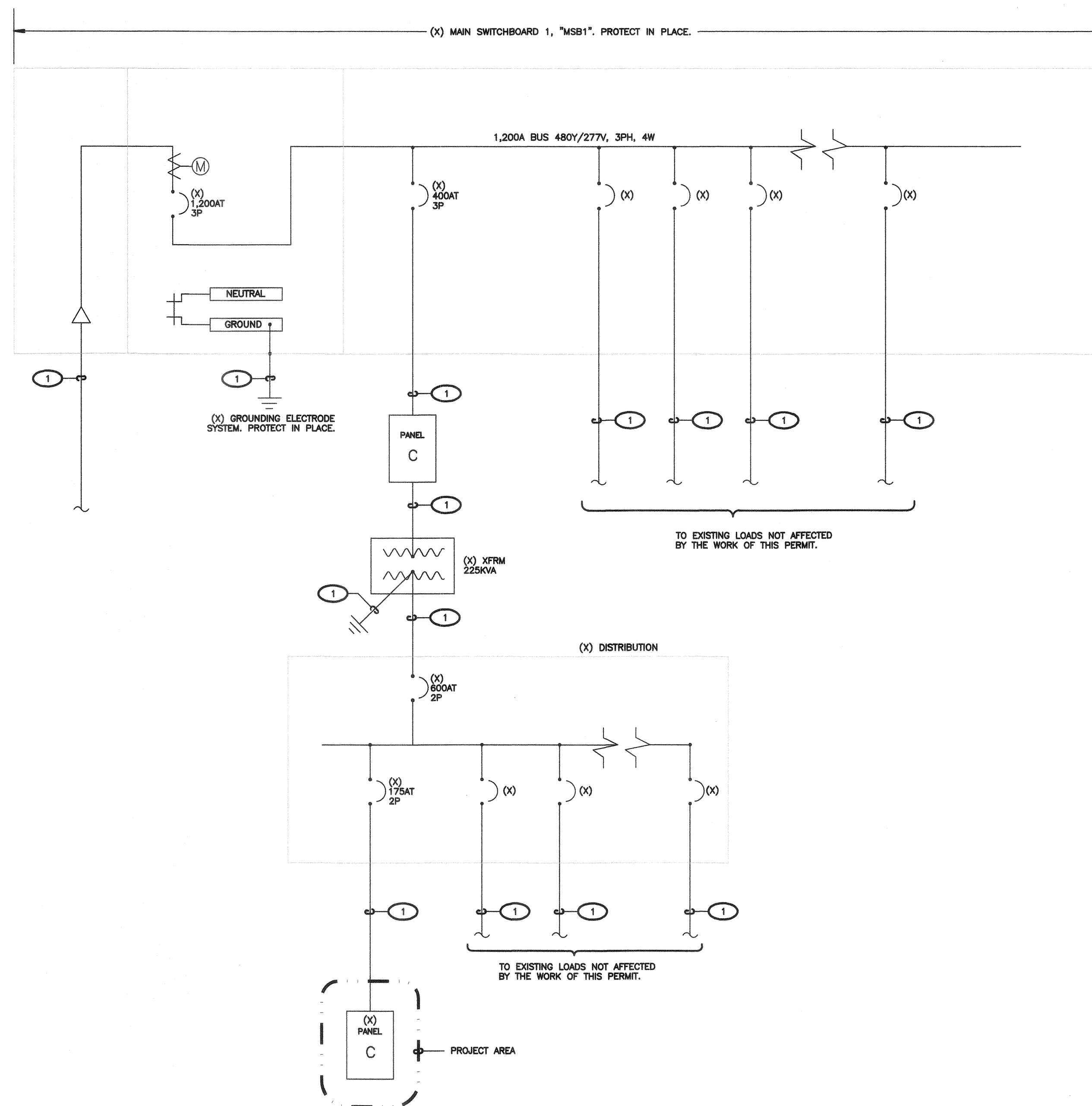
2 MARQUEE SIGN ELECTRICAL PLAN
 SCALE: 1/8"=1'-0"

NOTE: CONTRACTOR SHALL PROVIDE ALL GROUNDING & BONDING PER CEC ARTICLE 600.7.
 600.7(B) BONDING:
 METAL PARTS AND EQUIPMENT OF SIGNS AND OUTLINE LIGHTING SYSTEMS SHALL BE BONDED TOGETHER AND TO THE ASSOCIATED TRANSFORMER OR POWER-SUPPLY EQUIPMENT GROUNDING CONDUCTOR OF THE BRANCH CIRCUIT OR FEEDER SUPPLYING THE SIGN OR OUTLINE LIGHTING SYSTEM AND SHALL MEET THE REQUIREMENTS OF 250.90.

NOTE: REFER TO **E3.0** FOR LOCATION OF GROUND LUG AT MARQUEE SIGN FOR GROUNDING AND BONDING PROVISIONS, PER CEC 600.7. PROVIDE BONDING AND GROUNDING CONDUCTORS EQUAL IN SIZE TO THE EQUIPMENT GROUNDING CONDUCTOR AND BOND TO ALL GROUNDING LUGS ASSOCIATED WITH MARQUEE SIGN(S). VERIFY AND PROVIDE PER MARQUEE SIGN VENDOR'S SHOP DRAWINGS AND APPROVED SUBMITTALS.

NOTE: CONTRACTOR SHALL PROVIDE ALL REQUIRED LOW VOLTAGE CABLING TO MARQUEE SIGN. VERIFY & PROVIDE PER MARQUEE SIGN SHOP DRAWINGS & APPROVED SUBMITTALS.

CONSTRUCTION DOCUMENTS



1 SINGLE LINE DIAGRAM
SCALE: NOT TO SCALE

(E) PANEL

PANEL C		VOLTAGE 208Y/ 120V PHASE 3 WIRE 4		MAIN 200A MCB										
SOURCE		A.I.C. 10,000		ENCLOSURE NEMA 3R										
PANEL LOCATION		BUS AMPERE RATING: 225		MOUNTING FLUSH										
C K T	VA LOAD			L C L	CIRCUIT BREAKER	BUS	CIRCUIT BREAKER	OUTLETS	L C L	LOAD DESCRIPTION	VA LOAD			C K T
	LINE A	LINE B	LINE C								LINE A	LINE B	LINE C	
1														2
3														4
5														6
7														8
9														10
11														12
13														14
15														16
17														18
19														20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42
SUBTOTALS											1200	1200		
NOTES:											LINE TOTALS	1,200	1,200	
											LCL ADDER			
											TOTAL VA/PH	1,200	1,200	
											LINE AMPS	11	11	

EXISTING PANEL GENERAL NOTES:
1. UON, ALL LOAD DESCRIPTIONS ARE EXISTING.
2. UON, ALL CIRCUIT BREAKERS DESIGNATED IN PANEL SCHEDULE ARE EXISTING.

SHEET NOTES

- VERIFY LOCATION OF ALL BUILDINGS AND APPENDICES ON ARCHITECTURAL AND CIVIL PLANS.
- CONTRACTOR SHALL VERIFY LOCATION & REQUIREMENTS OF ALL DEVICES/EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO BID PROPOSAL, ROUGH-IN, AND FINISH.
- CONTRACTOR SHALL, IN ROUTING ALL CIRCUITS, INCREASE CONDUCTOR & CONDUIT SIZE TO ALLOW FOR VOLTAGE DROP SHOULD THE CONTRACTOR EXCEED ROUTING INDICATED ON DRAWINGS. ENGINEER OF RECORD MUST BE NOTIFIED PRIOR TO ANY DEVIATIONS FROM APPROVED PLAN CHECK (PERMIT SET) DRAWINGS.
- ALL 90 DEGREE CONDUIT BENDS AND RISERS SHALL BE PVC COATED RIGID STEEL.
- VERIFY LOCATION OF ALL EQUIPMENT ON ARCHITECTURAL AND CIVIL PLANS.
- PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTORS IN ALL OCCUPIED CONDUITS.
- 1" CONDUIT MINIMUM UNDERGROUND.
- COORDINATE WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS, DEVICES, AND WIRING REQUIRED, WHETHER SHOWN ON THE ELECTRICAL DRAWINGS OR NOT.
- CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURERS RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE, AND PER LOCAL AUTHORITIES HAVING JURISDICTION.
- FIELD CONDITIONS GOVERN DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS PRIOR TO START OF WORK. THE ARCHITECT/ENGINEER SHALL BE NOTIFIED OF POSSIBLE FIELD PROBLEMS PRIOR TO DEMOLITION.
- ALL EMPTY CONDUITS SHALL BE PROVIDED WITH DIMENSIONED NYLON PULL STRING.
- CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OR TRENCHING. CONTRACTOR SHALL PROTECT ALL EXISTING/REMAINING UTILITIES IN PLACE. CONTRACTOR, AT HIS SOLE EXPENSE, SHALL REPAIR ANY UTILITY SYSTEMS DAMAGED DURING CONSTRUCTION.
- UNLESS NOTED OTHERWISE, ALL DEVICES AND TERMINATIONS SHALL BE RATED FOR 75 DEGREES CELSIUS.
- ALL CONDUCTORS #8 AND SMALLER SHALL BE THIN/THIN CU. ALL CONDUCTORS #6 AND LARGER SHALL BE XHHW-2 CU.
- PER CEC 110.24, SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. THE FIELD MARKING(S) SHALL INCLUDE THE DATE THE FAULT CURRENT CALCULATION WAS PERFORMED AND BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.
- PER CEC 110.16, ELECTRICAL EQUIPMENT, SUCH AS SWITCHBOARDS, PANELBOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

KEY NOTES

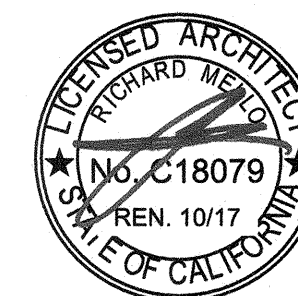
(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

- 1 EXISTING FEEDER PROTECT IN PLACE.

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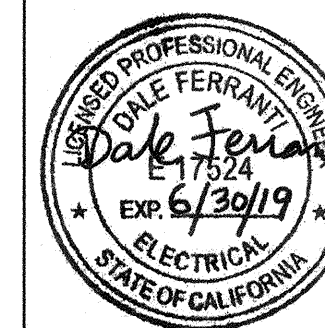
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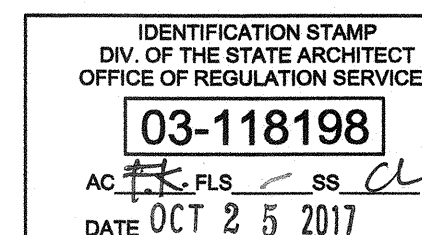
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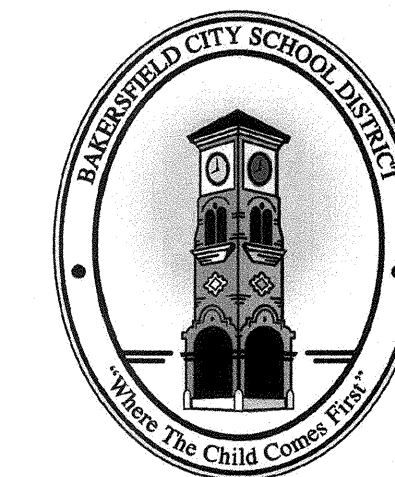
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FILE NO. 15-6



BAKERSFIELD CITY SCHOOL DISTRICT



ROOSEVELT E.S. - MARQUEE SIGN
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OPSC or OSHPD PROJ. NO.:

PROJECT NO.:

DRAWN BY: VZ

CHK'D BY: DF

ISSUE DATE: 10/19/2017

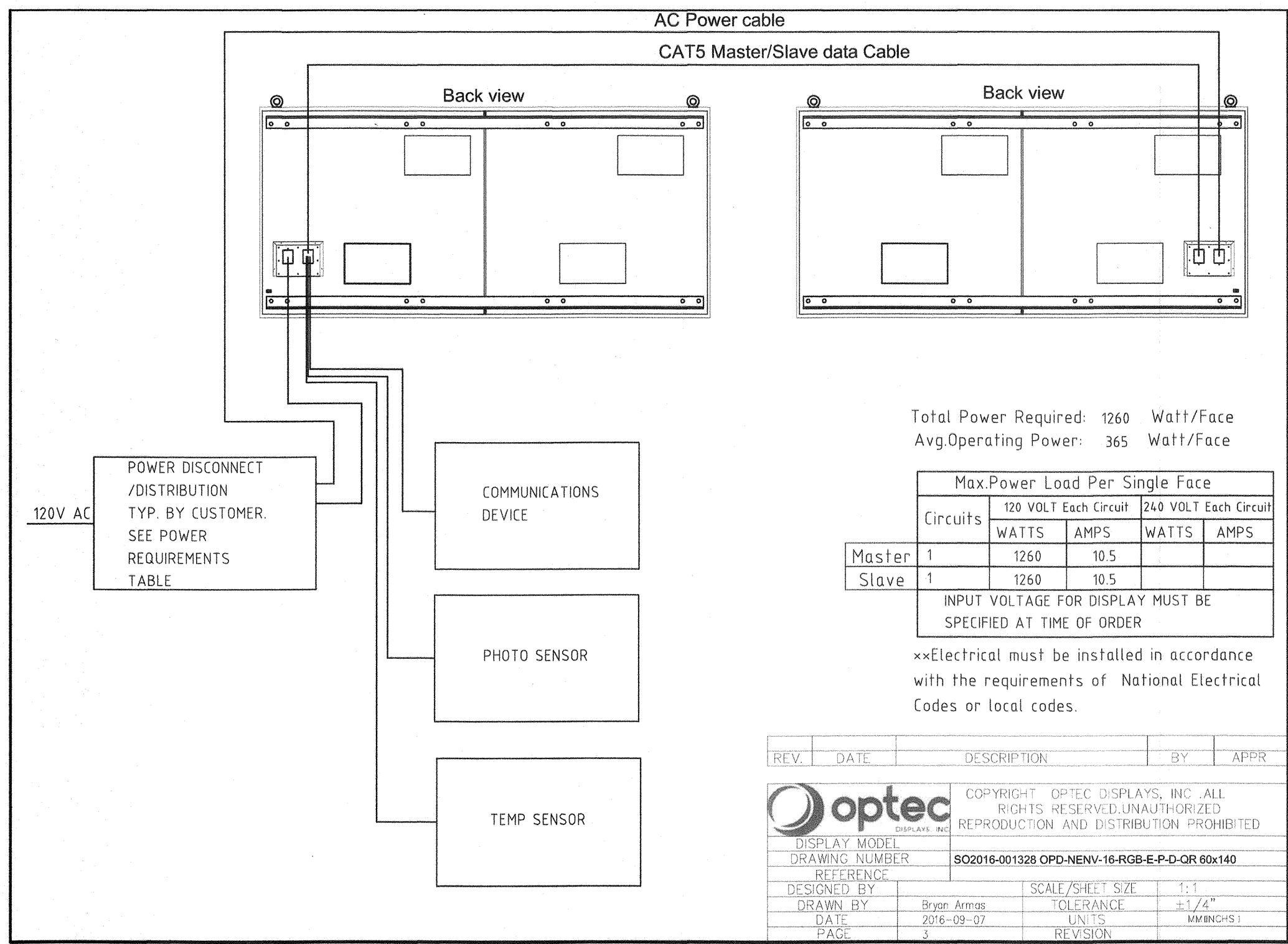
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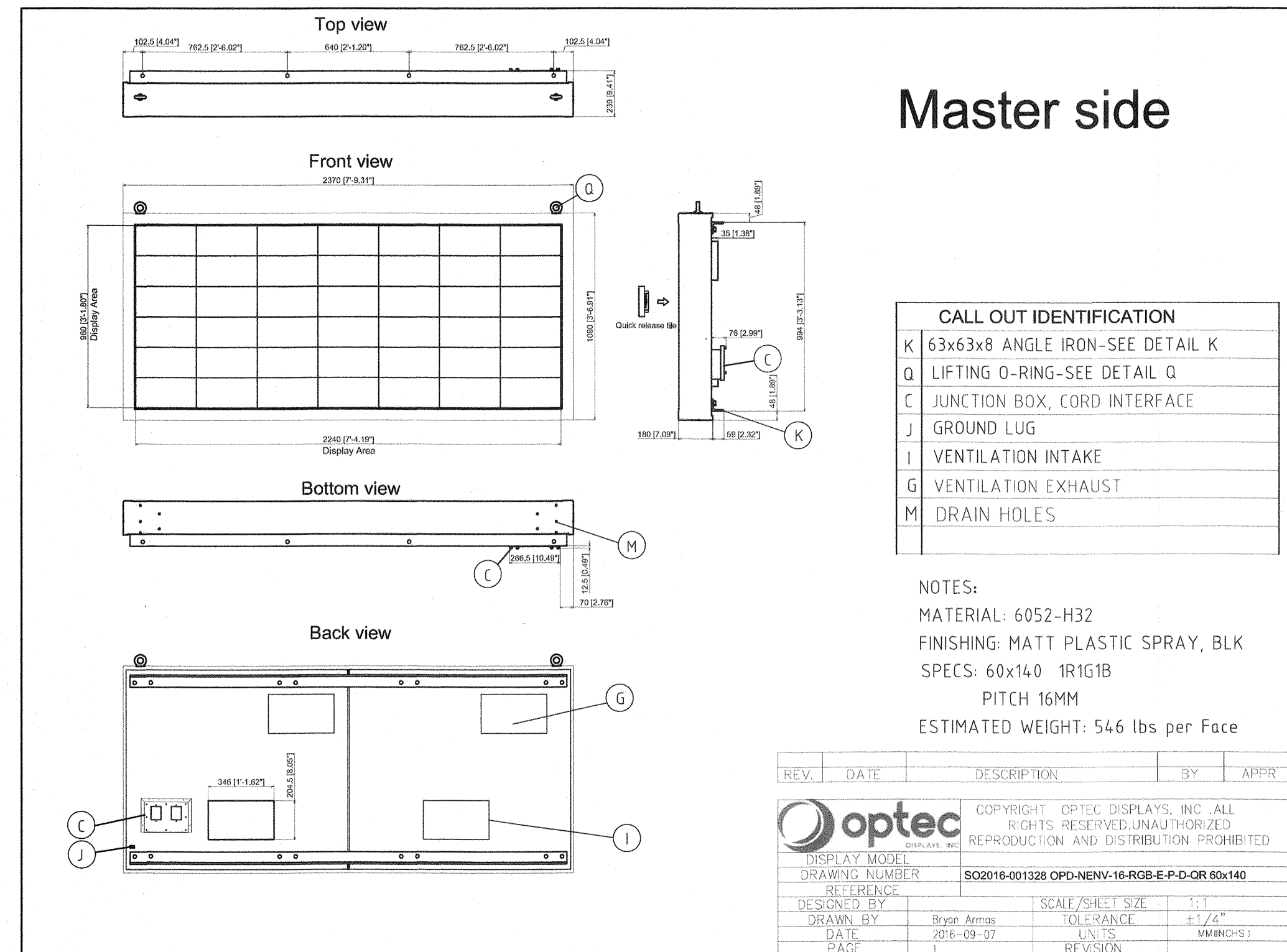
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E2.1

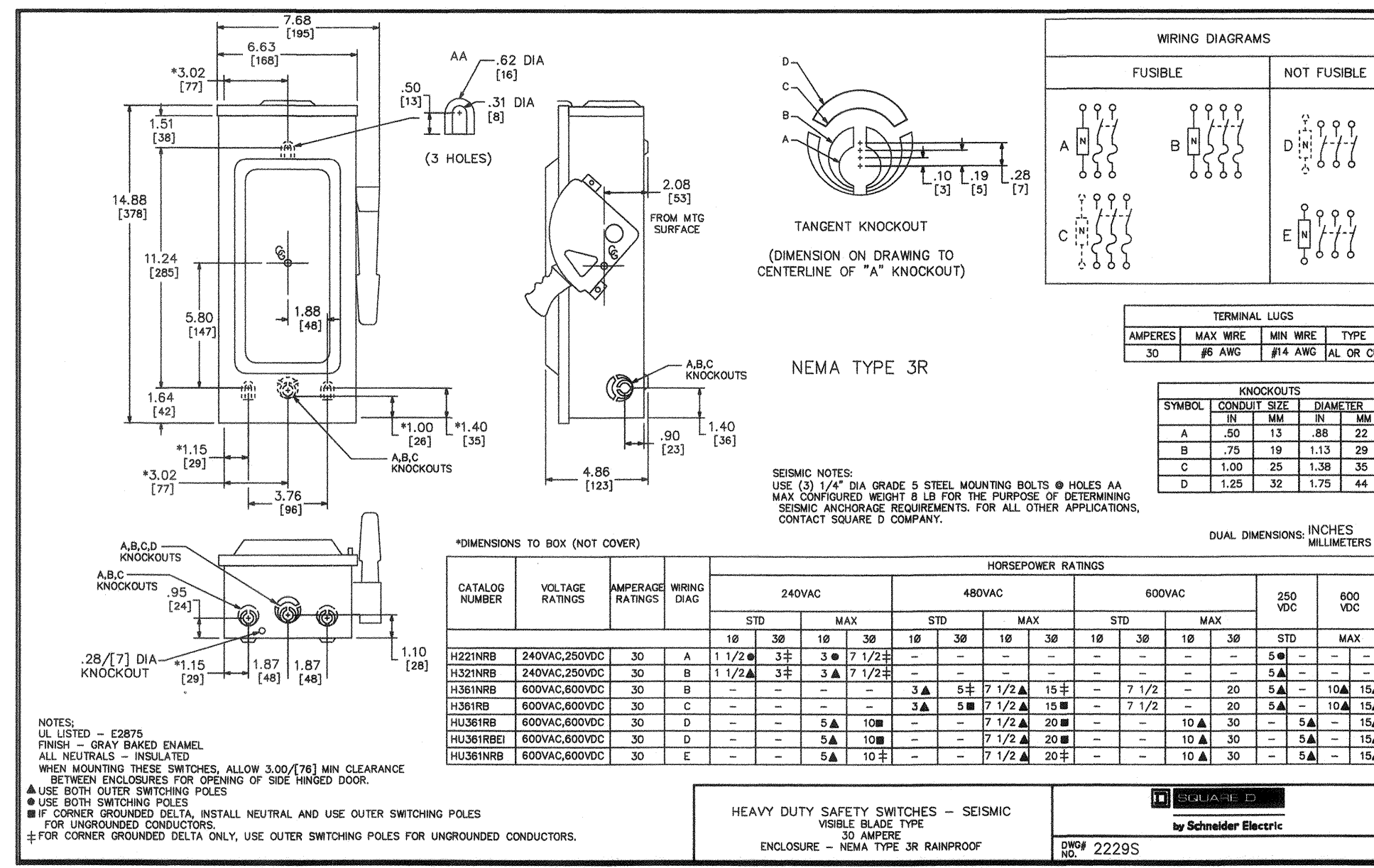
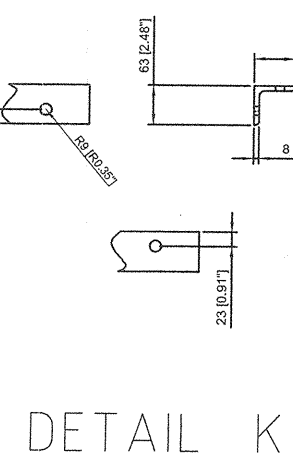
CONSTRUCTION DOCUMENTS



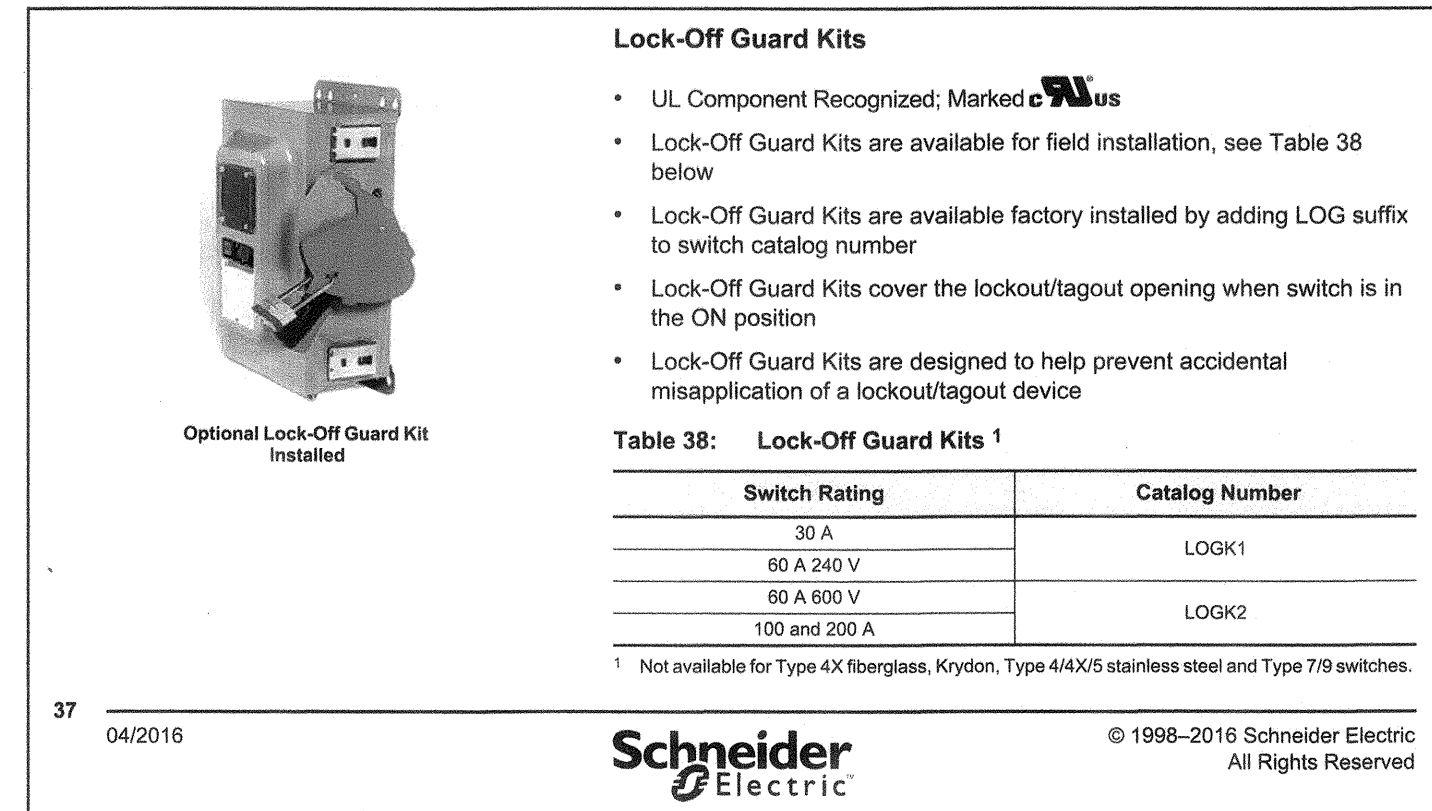
7 MARQUEE SIGN VENDOR DRAWING
SCALE: NOT TO SCALE



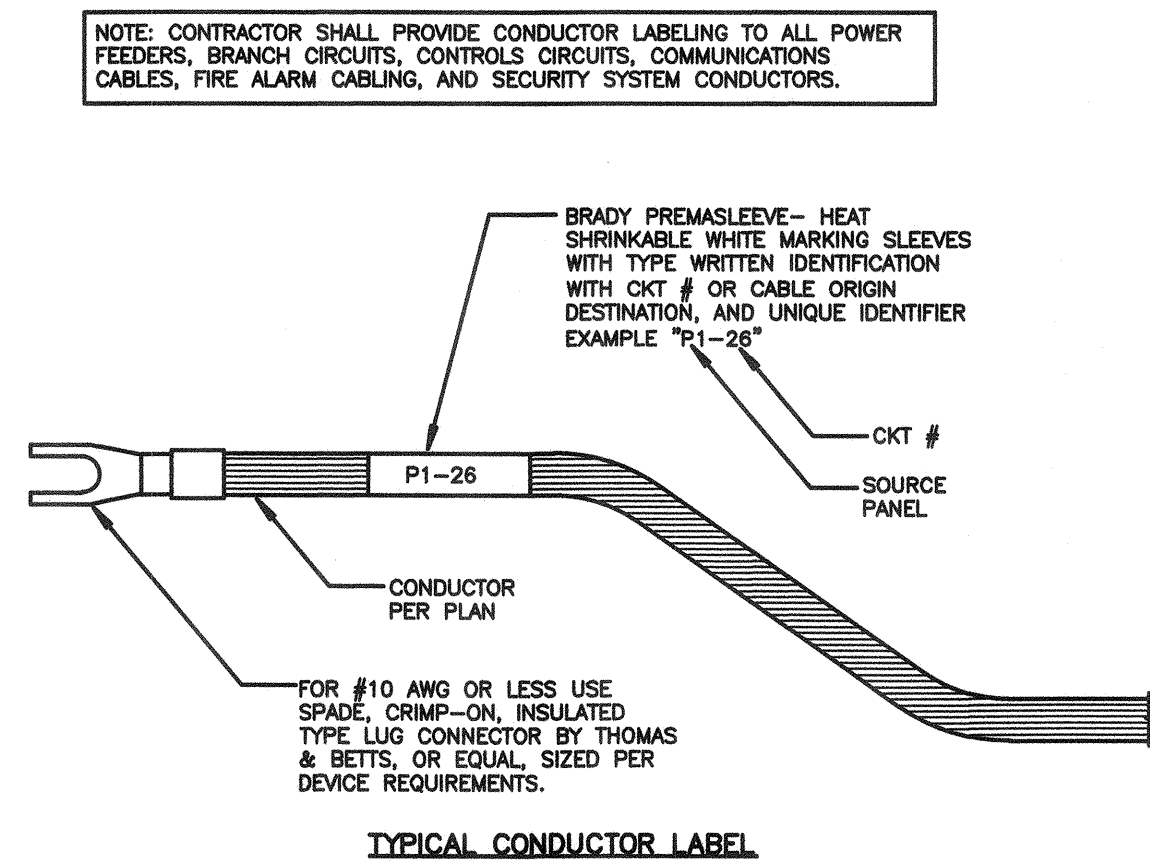
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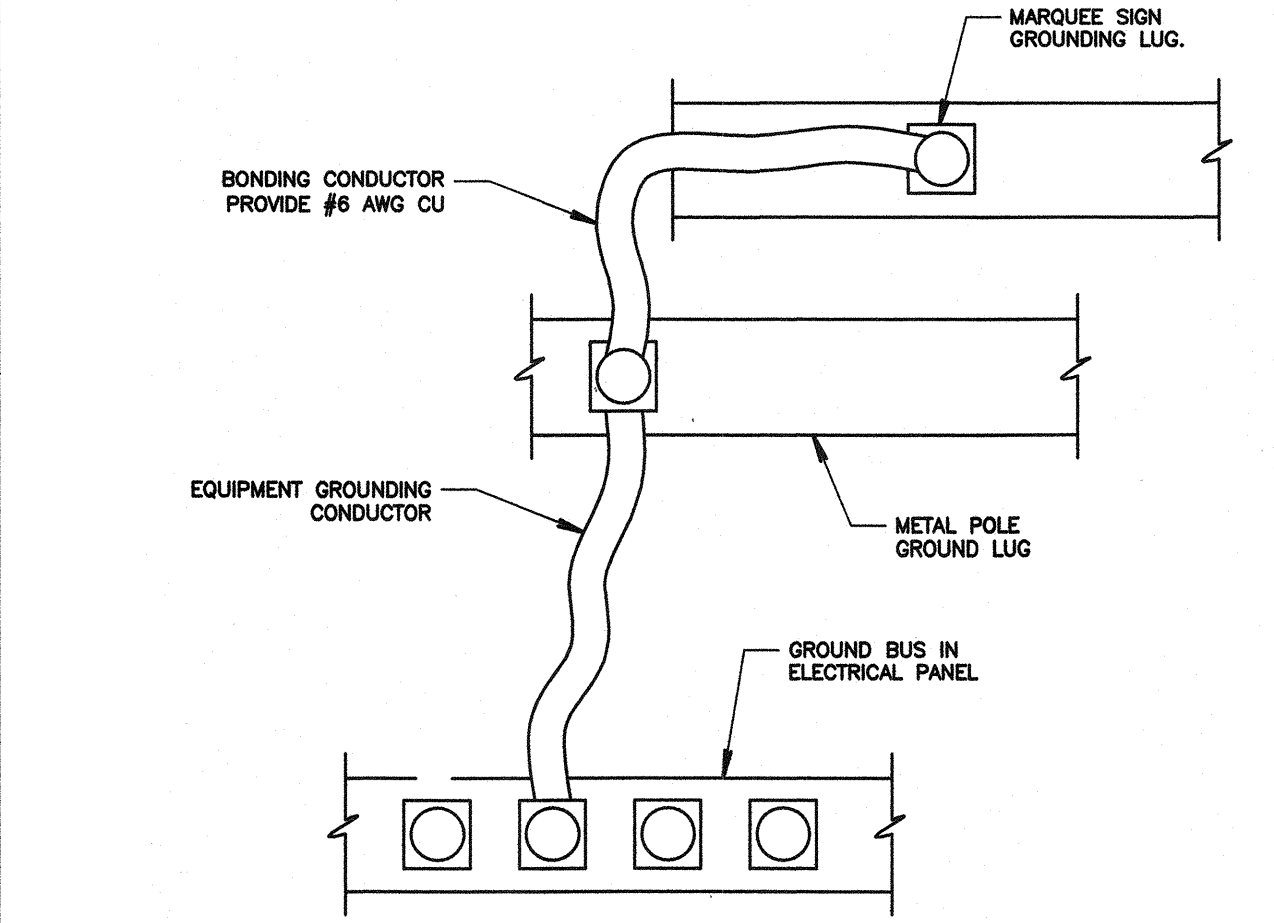
4 MARQUEE SIGN SAFETY VENDOR DRAWING
SCALE: NOT TO SCALE



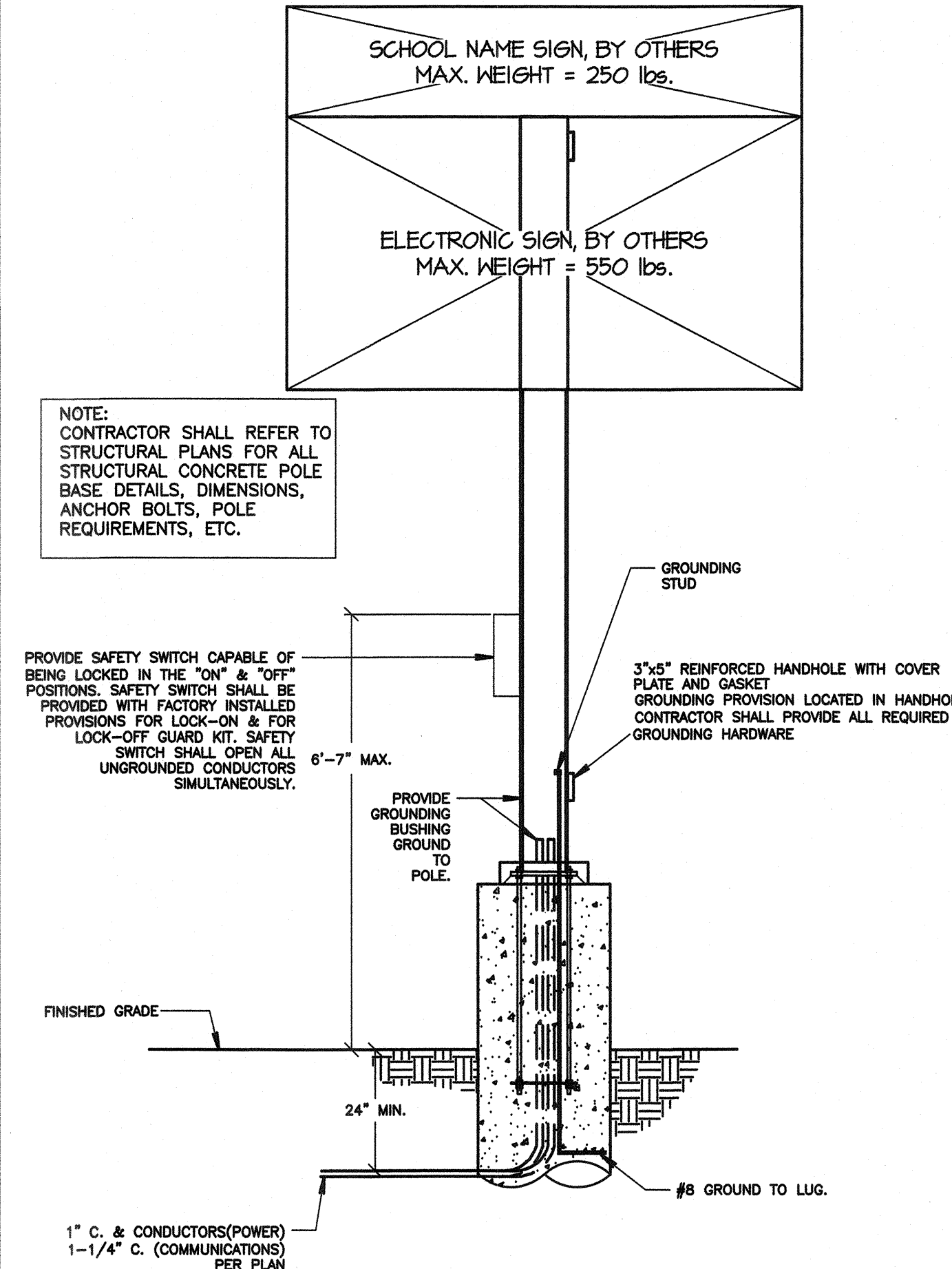
5 TYPICAL MARQUEE LOCK-OFF GUARD KIT DETAIL
SCALE: NOT TO SCALE



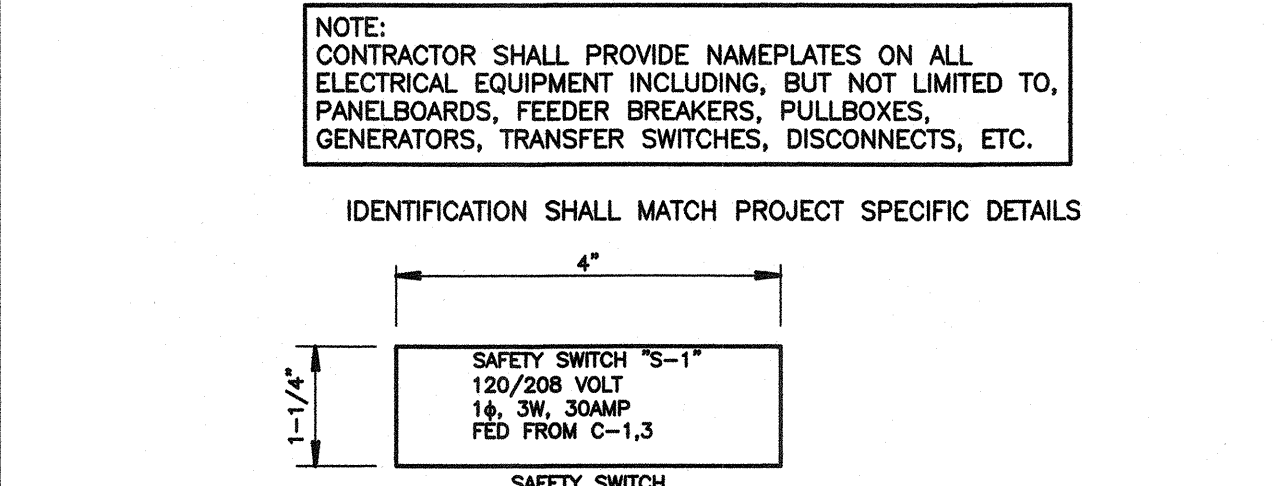
6 TYPICAL LABELING DETAIL
SCALE: NOT TO SCALE



1 MARQUEE SIGN BONDING DIAGRAM
SCALE: NOT TO SCALE



2 MARQUEE SIGN ELECTRICAL DETAIL
SCALE: NOT TO SCALE



3 TYPICAL NAMEPLATE DETAILS
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RICHARD M. IBI
No. C18079
RENEWED 10/17
STATE OF CALIFORNIA

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BAKERSFIELD CITY SCHOOL DISTRICT

ROOSEVELT E.S. - MARQUEE SIGN
2324 VERDE ST., BAKERSFIELD, CA 93304

BAKERSFIELD CITY SCHOOL DISTRICT
Where the Child Comes First

OPSC or OSHPD PROJ. NO:

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SHEET TITLE

DETAILS

SHEET NUMBER

E3.0

CONSTRUCTION DOCUMENTS