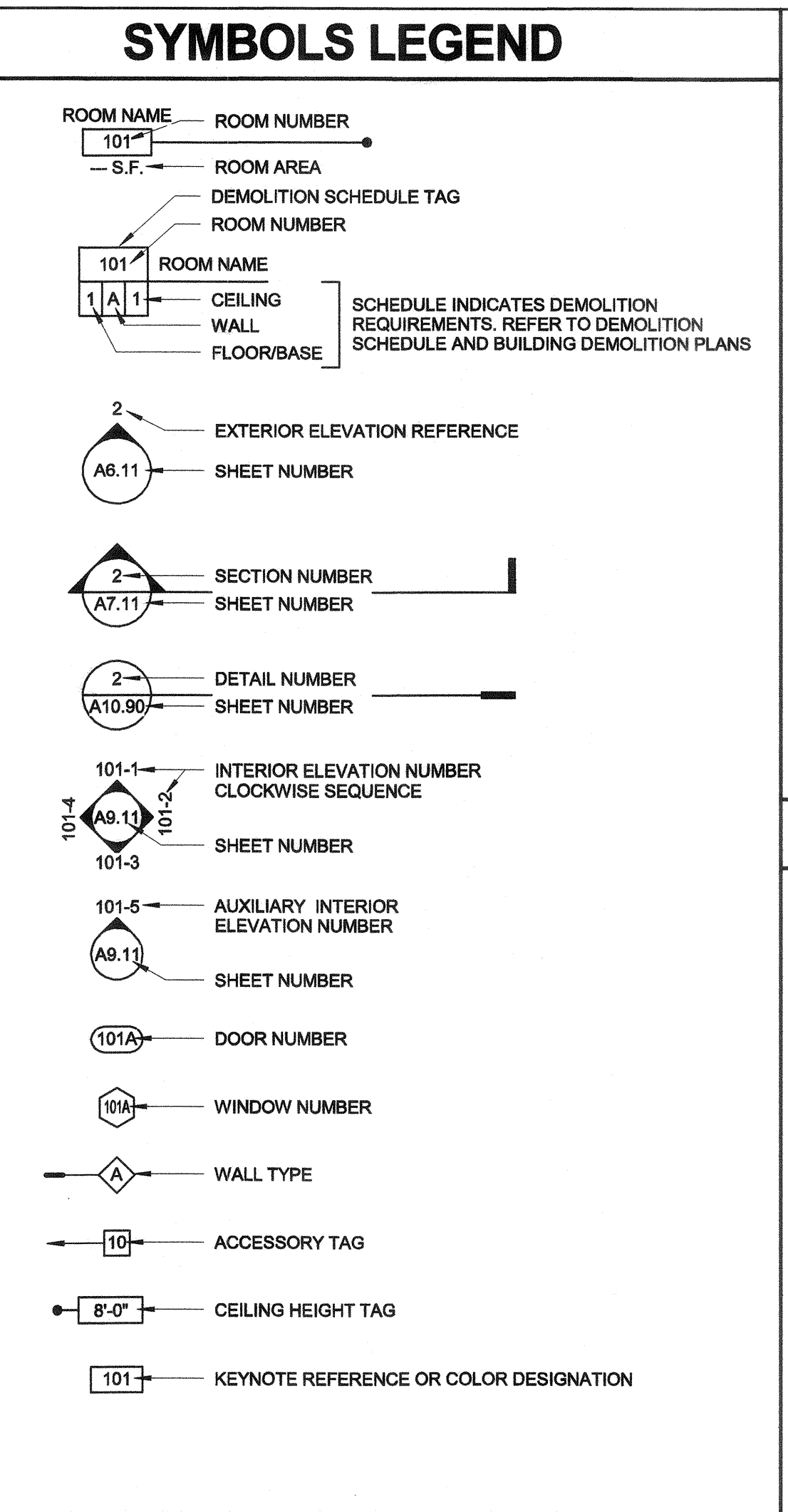


ABBREVIATIONS

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
BLKG	-BLOCKING	NO	-NUMBER
BM	-BEAM	NTS	-NOT TO SCALE
BOT	-BOTTOM	OC	-OVER
BUR	-BUILT UP ROOFING	OP	-ON CENTER
C	-CARPET	OPP	-OUTSIDE DIAMETER
CB	-CATCH BASIN	PL	-PROPOSE
CJ	-CONTROL JOINT	PL	-PROPERTY LINE
CLG	-CEILING	PLAM	-PLASTIC LAMINATE
CT	-CERAMIC MOSAIC (TILE)	PLAS	-PLASTER
CMU	-CONCRETE MASONRY UNIT	PLT	-PLATE
		PLWD	-PLYWOOD
CO	-CLEAN OUT	PNL	-PANEL
COL	-COLUMN	POC	-POINT OF CONNECTION
CONC	-CONCRETE	PTDF	-PRESERVATIVE TREATED DOUGLAS FIR
CSK	-COUNTERSINK	PTN	-PARTITION
CW	-COLD WATER	PVC	-POLYVINYL CHLORIDE
DET	-DETAIL	R	-RISER
DF	-DRINKING FOUNTAIN	RD	-ROOF DRAIN
DIA	-DIAMETER	REF	-REFERENCE
DIAG	-DIAGONAL	REFR	-REFRIGERATOR
DIM	-DIMENSION	REQD	-REQUIRED
DIV	-DIVISION	RDWD	-REDWOOD
DS	-DOWNSPOUT	RVL	-RAIN WATER LEADER
DWG	-DRAWING	SCH	-SCHEDULE
E	-EXISTING	SD	-STORM DRAIN
(E)	-EXISTING	SEC	-SECTION
EA	-EACH	SF	-SQUARE FEET
EJ	-EXPANSION JOINT	SHT	-SHEET
ELEV	-ELEVATION	SHTG	-SHEATHING
ELECT	-ELECTRICAL	SIM	-SIMILAR
EQ	-EQUAL	SPEC	-SPECIFICATIONS
EXT	-EXTERIOR	SQ	-SQUARE
(F)	-FUTURE	SS	-STAINLESS STEEL
FAB	-FABRICATION	STN	-STAIN
FAC	-FACTORY	STD	-STANDARD
FD	-FLOOR DRAIN	STL	-STEEL
FF	-FINISHED FLOOR	TEMP	-TEMPERED
FIN	-FINISH	T&G	-TONGUE-AND-GROOVE
FND	-FOUNDATION	THRU	-THROUGH
FNC	-FACE OF CONCRETE	TJ	-TOOL JOINT
FOF	-FACE OF FINISH	TOC	-TOP OF CURB, CRICKET, or CONCRETE
FOP	-FACE OF PLYWOOD	TOP	-TOP OF PARAPET
FOS	-FACE OF STUD	TOS	-TOP OF SLAB, SHEATHING, or STEEL
FRP	-FIBERGLASS REINFORCED PLASTIC PANELS	TS	-TOP OF SHEATHING
		TV	-TELEVISION
FTG	-FOOTING	TYP	-TYPICAL
GA	-GAUGE	UON	-UNLESS OTHERWISE NOTED
GB	-GYPSUM BOARD	VCT	-VINYL COMPOSITION TILE
GL	-GLASS or GLAZING	VCTB	-VINYL COVERED TACKBOARD
GLV	-GALVANIZED	VIF	-VERIFY IN FIELD
GSM	-GALVANIZED SHEET METAL	WVC	-VINYL WALL COVERING
GYP	-GYPSUM	W	-WITH
HB	-HOSE BIBB	WD	-WOOD
HDW	-HARDWOOD	WF	-WIDE FLANGE
HM	-HOLLOW METAL	WS	-WOOD SCREW
HOR	-HORIZONTAL	WSCOT	-WAINSCOT
HT	-HEIGHT	@	-AT
HW	-HOT WATER	±	-PLUS/MINUS
ID	-INSIDE DIAMETER		
INV	-INVERT		



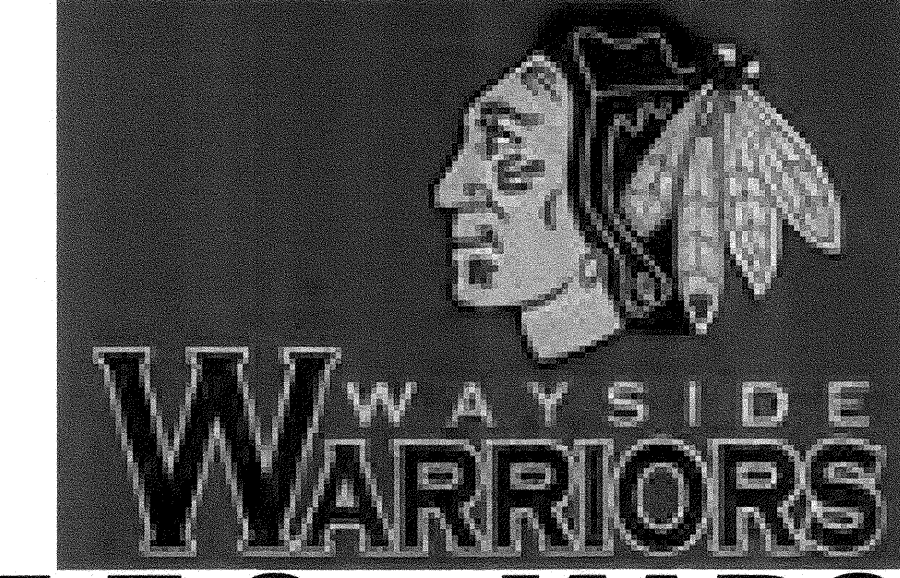
DSA ADMIN. REQUIREMENTS

- 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 FOLLOWING:
 - ARCHITECT OR ENGINEER OF RECORD.
 - STRUCTURAL ENGINEER (WHEN APPLICABLE)
 - DELEGATED PROFESSIONAL ENGINEER.
 - DSA.
- 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-8) 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.O.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 ALSUCH 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



WAYSIDE E.S. - MARQUEE SIGN

1000 MING AVE., BAKERSFIELD, CA 93307

DSA FILE NO.: 15-6 DSA APP NO.: 03-118201 AGENCY TRACKING NO.: 63321-273

SHEET INDEX

<h4 style="text-align: center;">GENERAL</h4> <p>G1000 GENERAL NOTES Total: 1</p>	<h4 style="text-align: center;">ARCHITECTURAL</h4> <p>A1100 OVERALL & PARTIAL SITE PLANS Total: 1</p>	<h4 style="text-align: center;">STRUCTURAL</h4> <p>S1100 STRUCTURAL NOTES S1101 STRUCTURAL NOTES S2100 STRUCTURAL DETAILS Total: 3</p>
<h4 style="text-align: center;">ELECTRICAL</h4> <p>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</p> <p>Grand Total: 10 Sheets</p>		

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, CR) (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)
 - 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

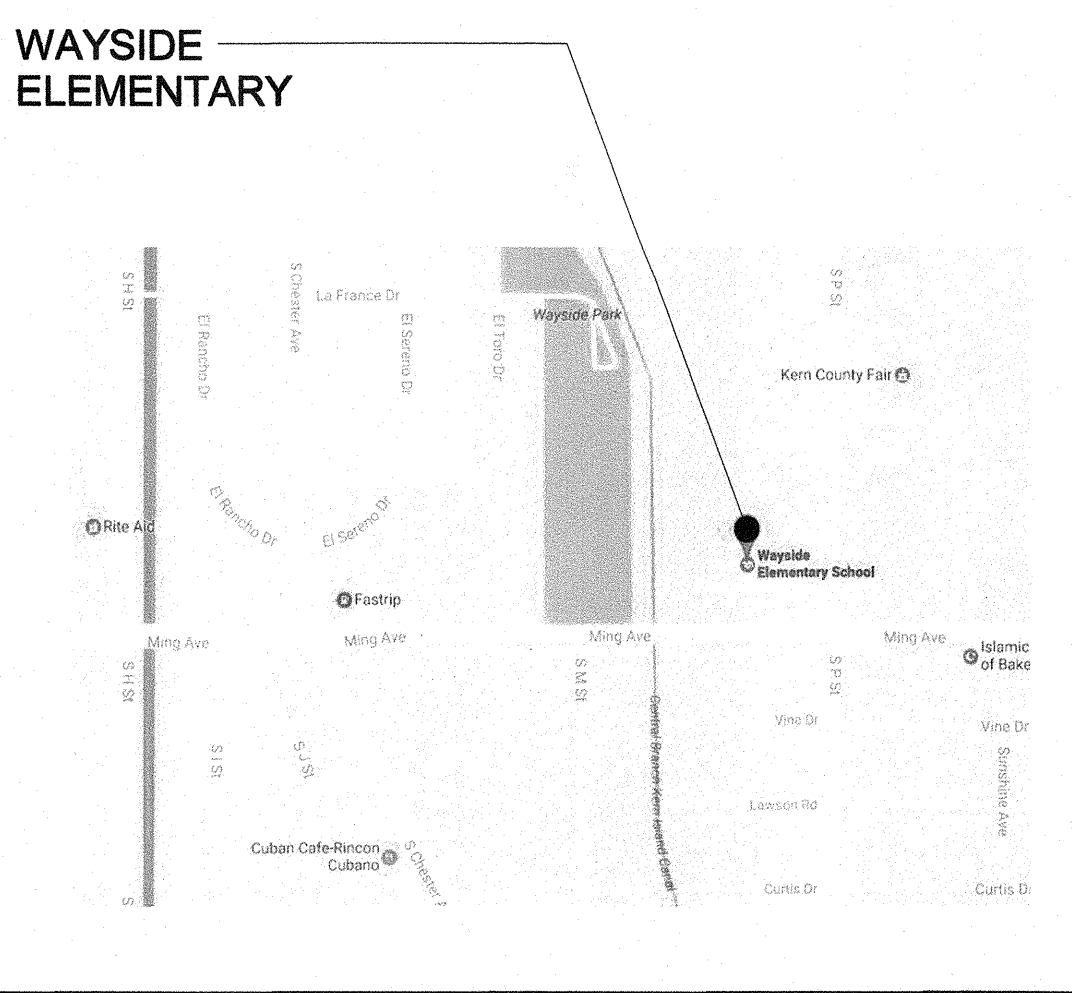
OWNER:
BAKERSFIELD CITY SCHOOL DISTRICT
1501 FELIZ DRIVE
BAKERSFIELD, CA 93307
PHONE: (861) 636-4000
FAX: (861) 636-4130
CONTACT: RANDY ROWLES
PRINCIPAL ARCHITECT

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

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:
CONTACT: DALE FERRANTI
PRINCIPAL

VICINITY MAP



PRIME CONSULTANT

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NO.	DATE	APPRD.	DESCRIPTION

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AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-273
FILE NO. 15-6

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

03-118201

AC *R. Mello* *SS* *CS*
DATE OCT 2 5 2017

BAKERSFIELD CITY SCHOOL DISTRICT

WAYSIDE E.S. - MARQUEE SIGN

1000 MING AVE., BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:

PROJECT NO: 17146.000

DRAWN BY: rRr

CHKD BY: RM

ISSUE DATE: 06/22/2017

SHEET TITLE

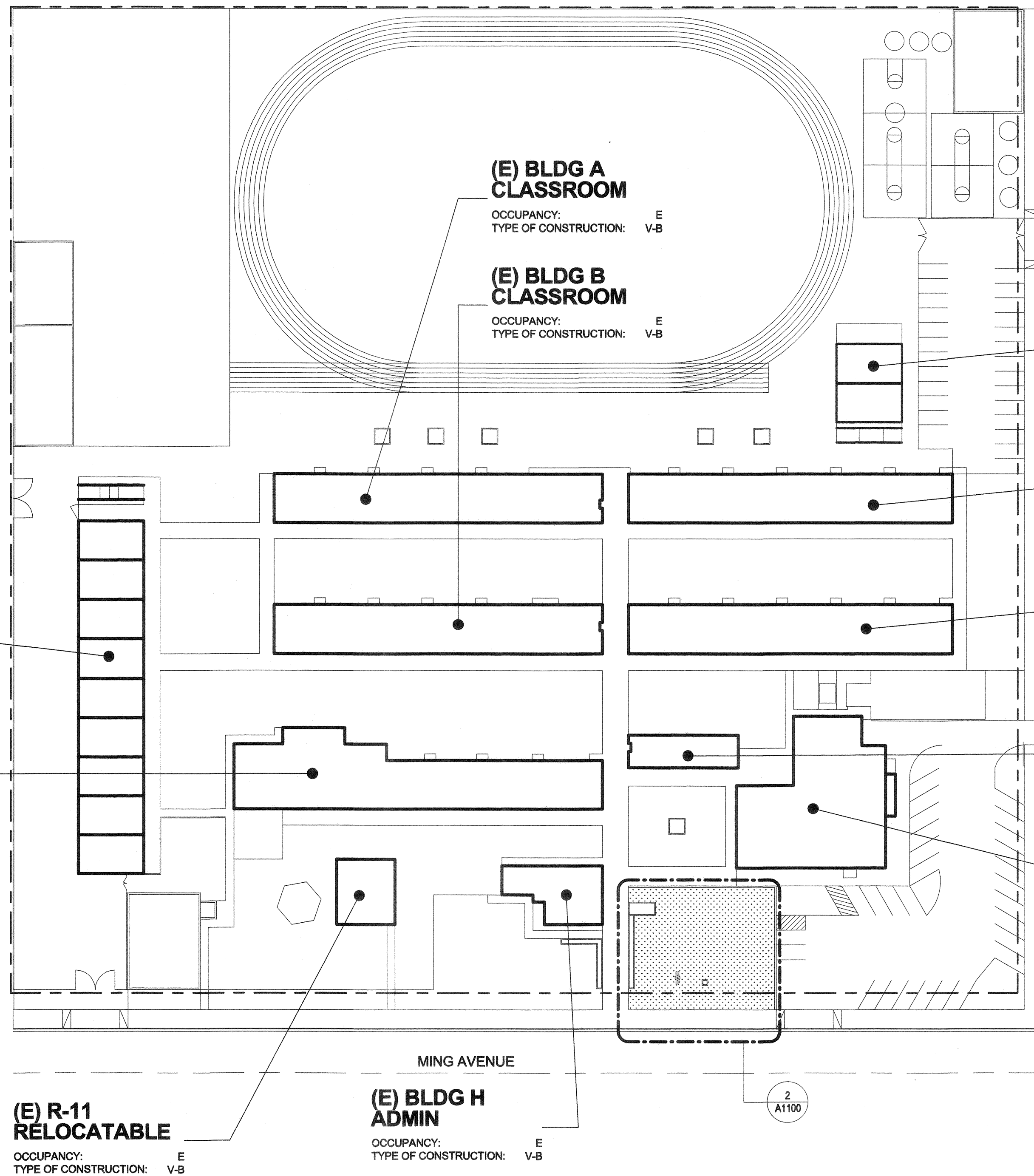
GENERAL NOTES

G1000

CONSTRUCTION DOCUMENTS

**(E) R1 - R10
RELOCATABLE**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

**(E) BLDG C
CLASSROOM**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B



**(E) BLDG A
CLASSROOM**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

**(E) BLDG B
CLASSROOM**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

**(E) R13 - R14
RELOCATABLE**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

**(E) BLDG D
CLASSROOM**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

**(E) BLDG E
CLASSROOM**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

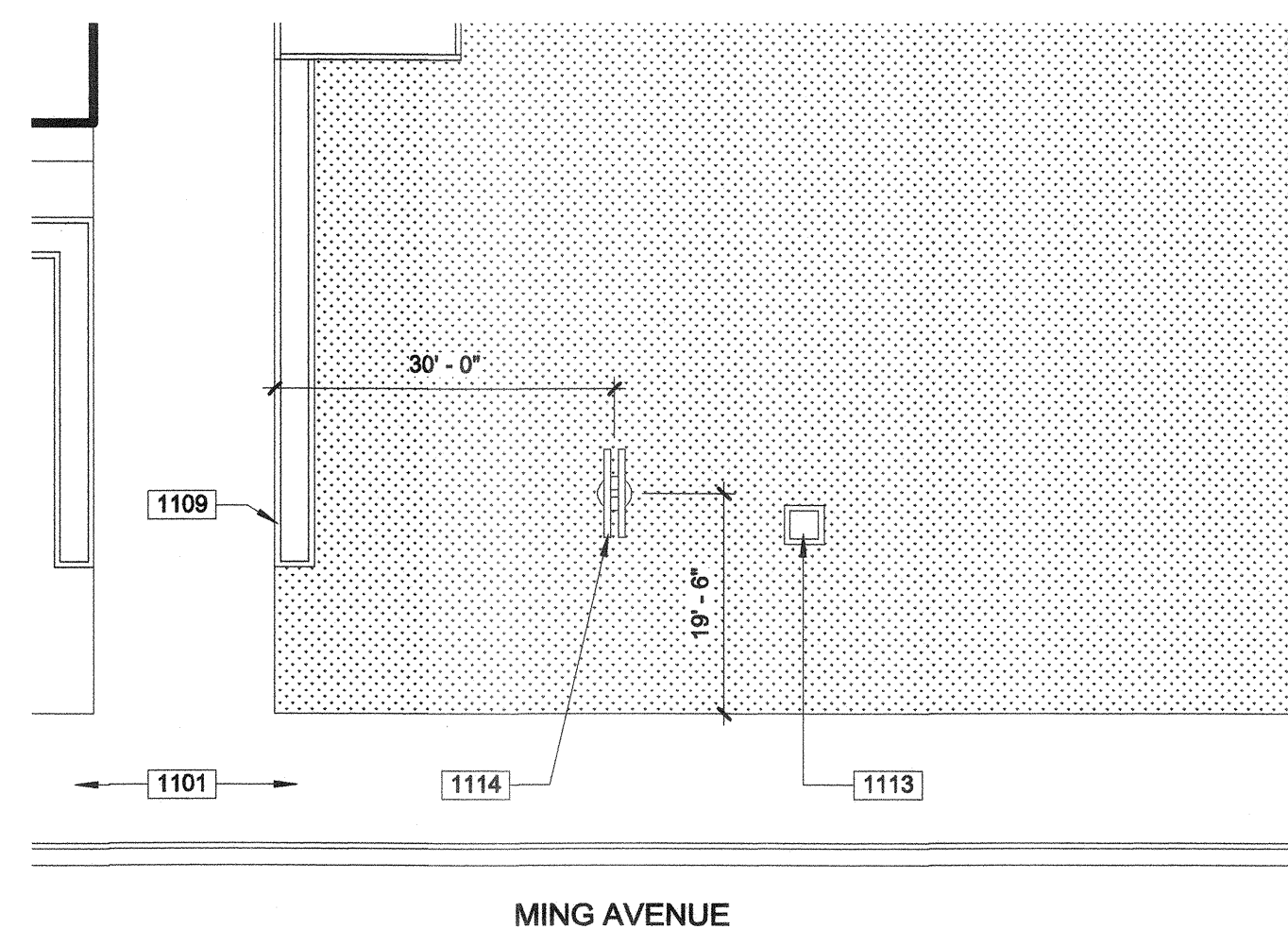
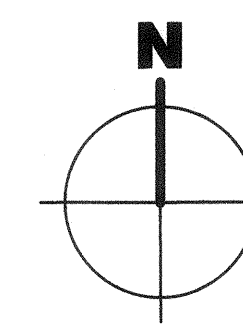
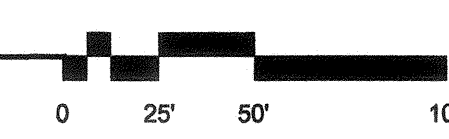
**(E) BLDG G
CLASSROOM**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

**(E) BLDG F
MULTIPURPOSE**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

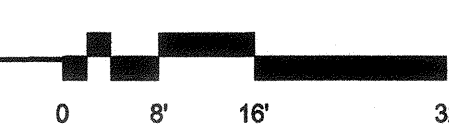
**(E) R-11
RELOCATABLE**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

**(E) BLDG H
ADMIN**
OCCUPANCY: E
TYPE OF CONSTRUCTION: V-B

1 OVERALL SITE PLAN - WAYSIDE 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.
- 1109 (E) PLANTER TO REMAIN.
- 1113 (E) AREA DRAIN TO REMAIN.
- 1114 PROVIDE POLE MOUNTED MARQUEE SIGN. VERIFY WITH DISTRICT FOR EXACT LOCATION AND ORIENTATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

LEGEND

- PROPERTY LINE
- x-x-x-x- CHAIN LINK FENCE 6'-0" HIGH U.O.N.
- o-o-o-o- ORNAMENTAL FENCE
- [Hatched Box] EXISTING TURF TO REMAIN.



Date: 06/07/2017

Keith Pfeffer
Vital Signs of Bakersfield
6703 Rosedale Highway
Bakersfield CA 93308

Project:

Harding Elementary School - 3201 Pico Ave, Bakersfield, CA
Wayside Elementary School - 1000 Ming Ave, 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.

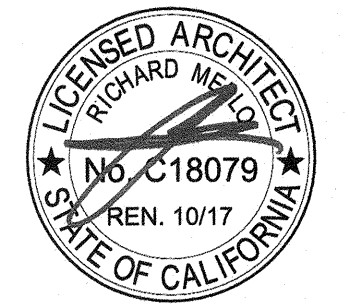
Sincerely

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

PRIME CONSULTANT

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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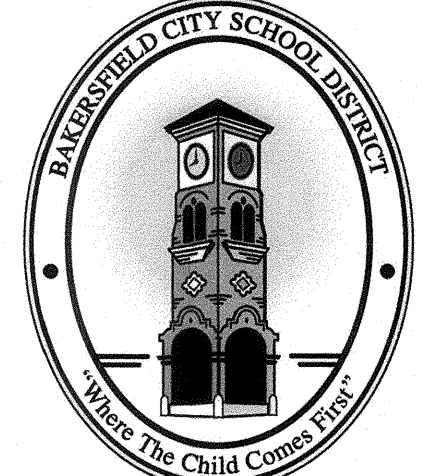
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BAKERSFIELD CITY SCHOOL DISTRICT



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OPSC or OSHPD PROJ. NO:

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DRAWN BY: rRr

CHKD BY: RM

ISSUE DATE: 06/22/2017

SHEET TITLE

**OVERALL & PARTIAL
SITE PLANS**

SHEET NUMBER

A1100

CONSTRUCTION DOCUMENTS

PLOT DATE: 10/17/2017 10:37:29 AM C:\Users\Ruben.Ruiz\Documents\REV\72016\ATW_2017-03-23_WAYSIDE-V2016_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	Value
Design Wind Speed (3-sec gust), V_{U17}	115 mph
Design Wind Speed (3-sec gust), V_{SD}	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	Value
Risk Category	III
Importance Factor, I_e	1.25
Mapped Spectral Response Accelerations	$S_{10} = 1.113$ g $S_{0.2} = 0.412$ g
Site Class	D
Spectral Response Coefficients	$S_{DS} = 0.783$ g $S_{0.2} = 0.436$ 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	$V = 520$ lbs.
Geotechnical Design Data	Value
Geotechnical Report prepared by:	2016 California Building Code, Chapter 18A
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 CONSTRUCTION⁸⁰

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. ⁴		✓
3. Inspection of anchors cast in concrete. ⁹		✓
4. Inspection of anchors post installed in hardened concrete members. ^{3,4,5}		✓
5. Verifying use of required design mix. ⁶		✓
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. ⁷	✓	
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: ⁸ 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. ¹⁰		✓
12. Inspect formwork for shape, location and dimensions of the concrete member being formed. ¹¹		✓

- 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 CONSTRUCTION⁸⁰

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 ²		✓
b. Reinforcing steel: ⁴		
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 ⁶		✓
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 ⁷	✓	
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 ⁸		
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-Welhelm callibrator for each batch or source of bolts used (see minimum pre-tension chart below).		

CAST-IN-PLACE DEEP FOUNDATIONS⁸⁰

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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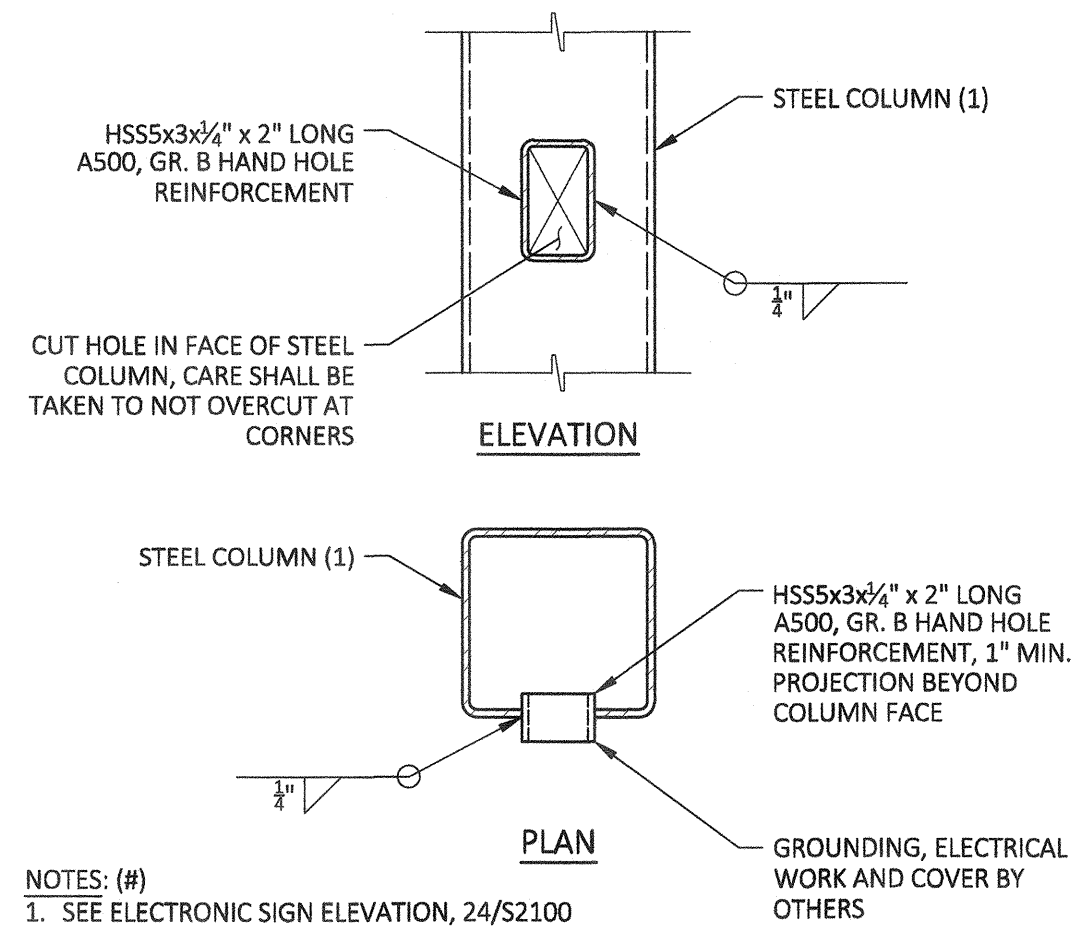
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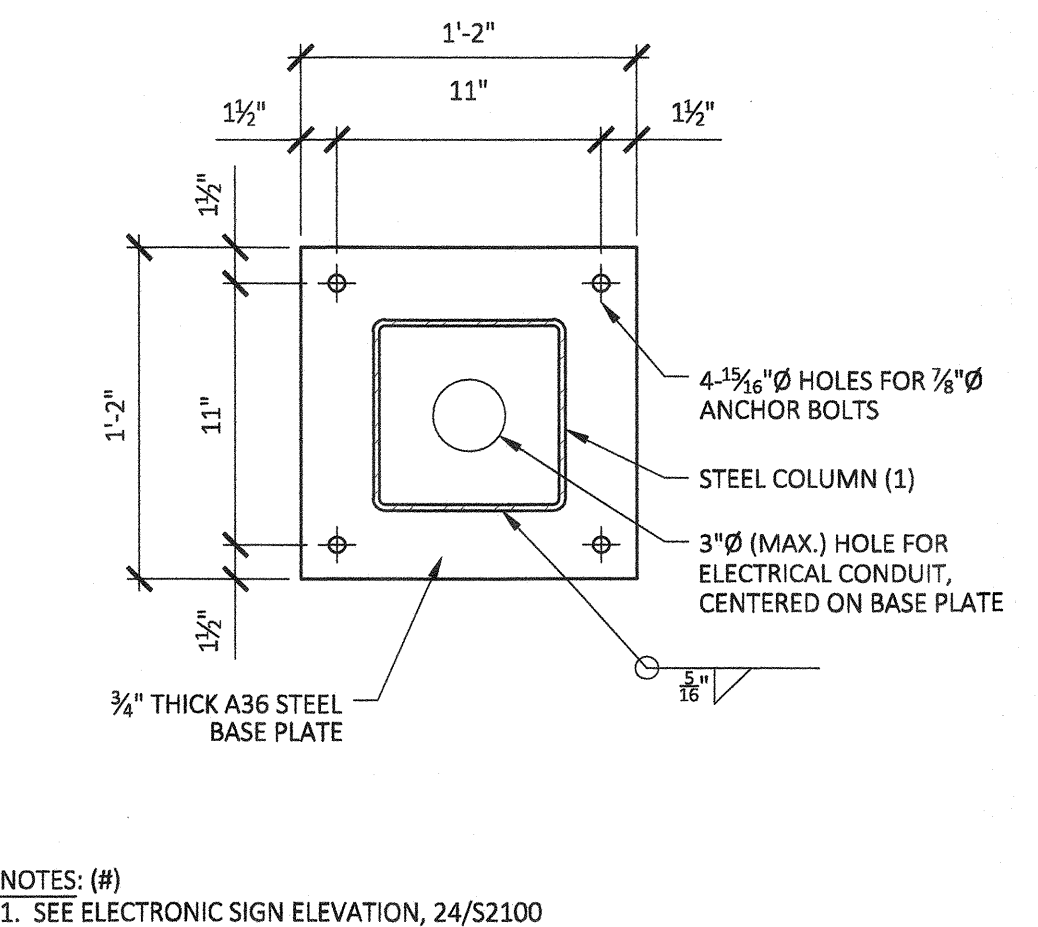
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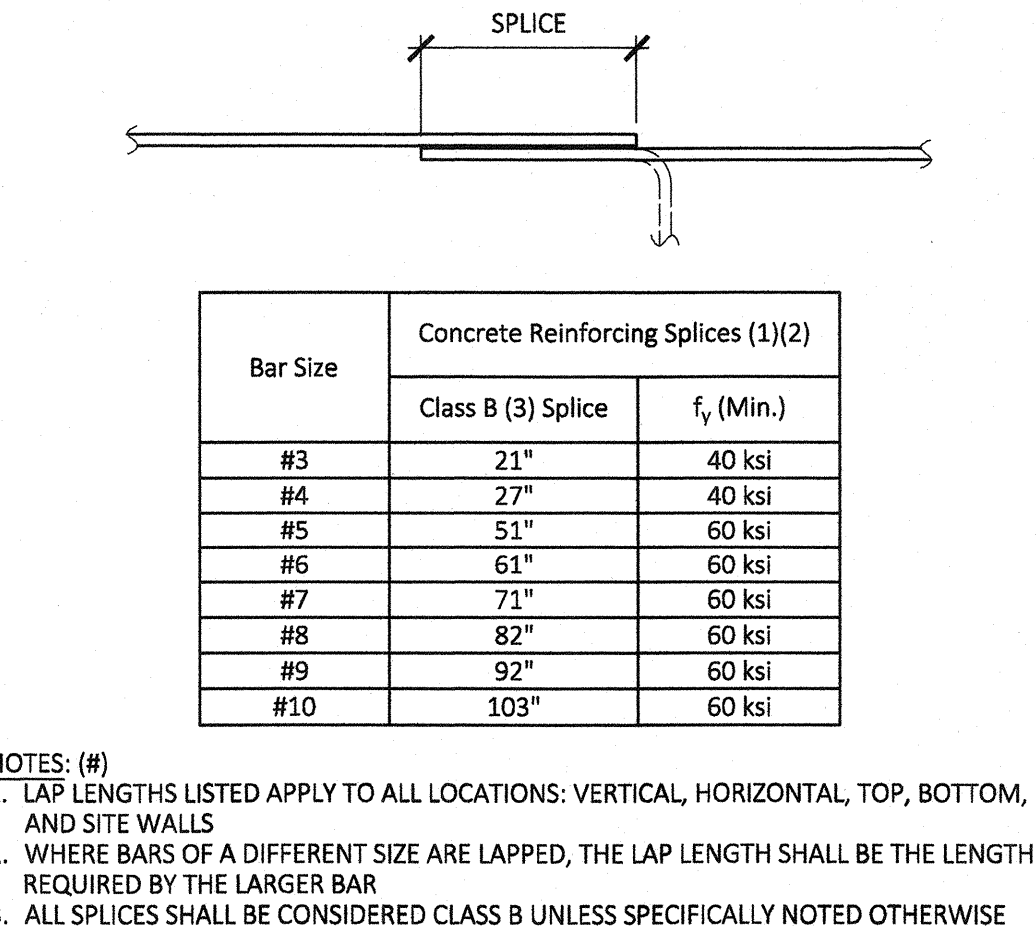
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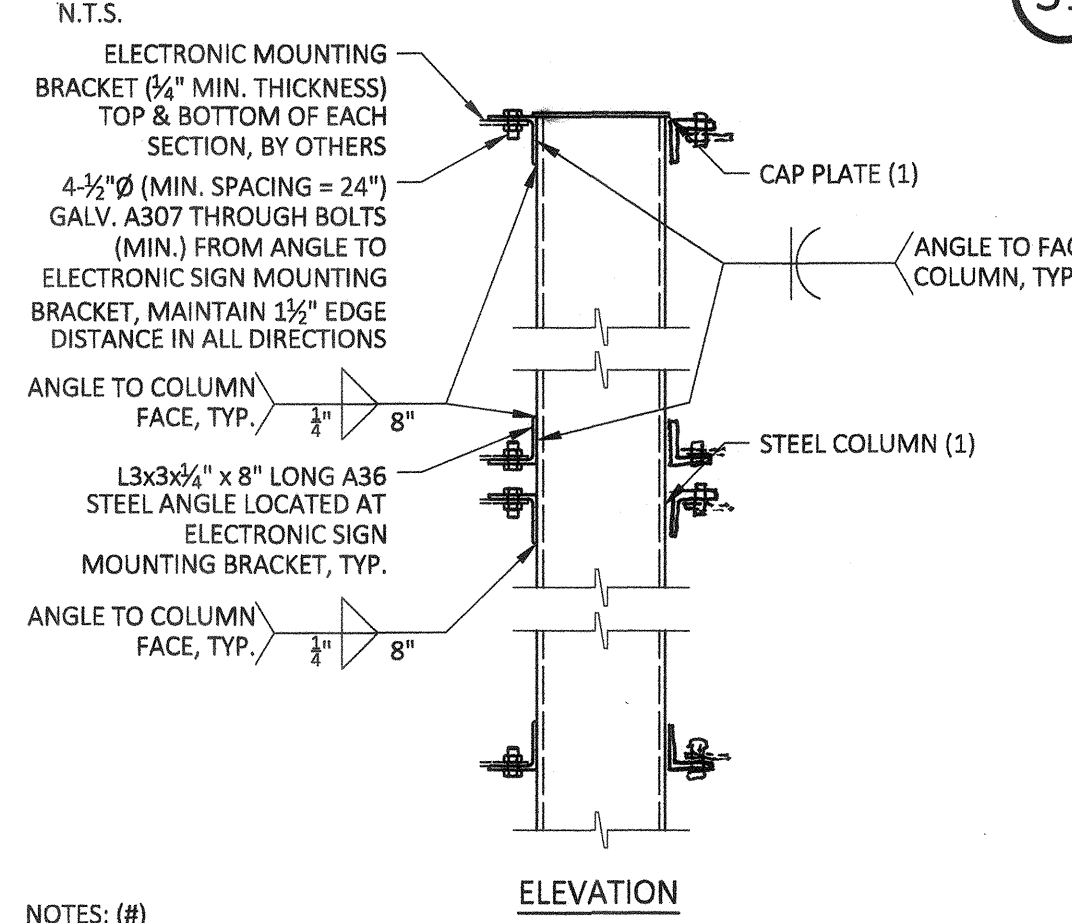
41 CONDUIT HAND HOLE



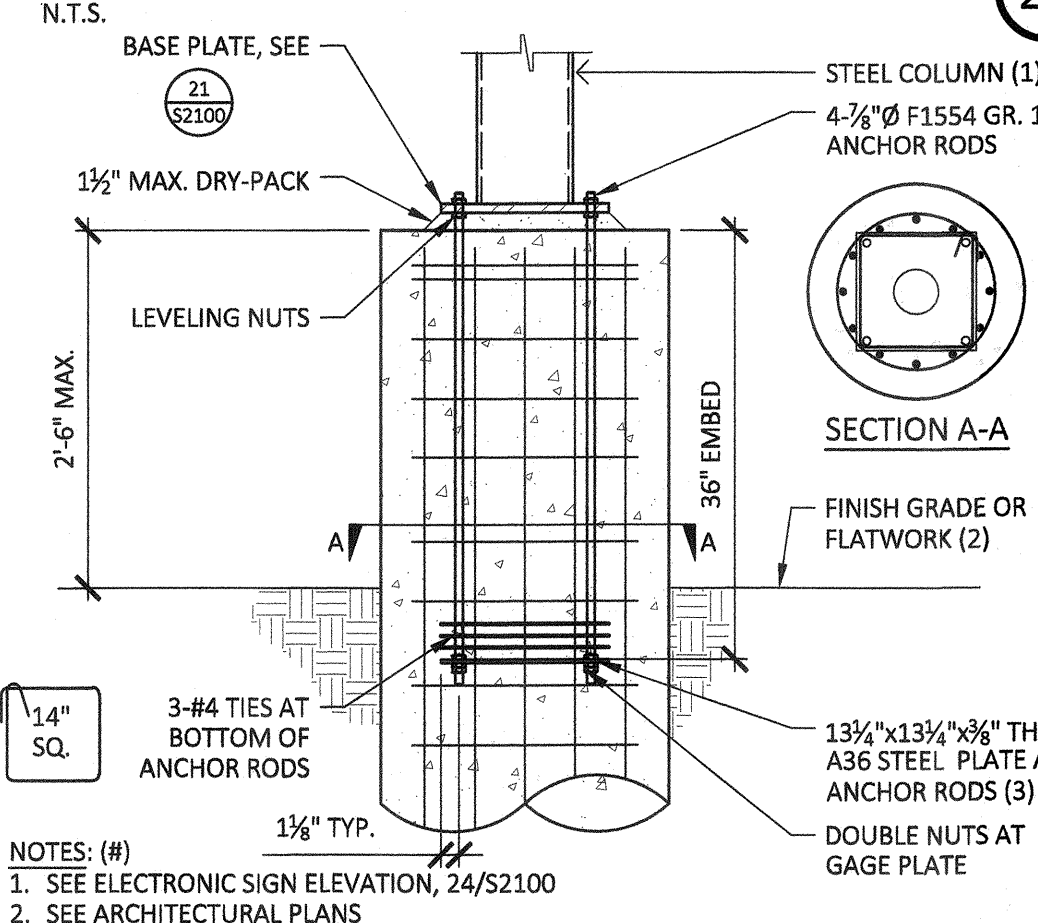
31 BASE PLATE



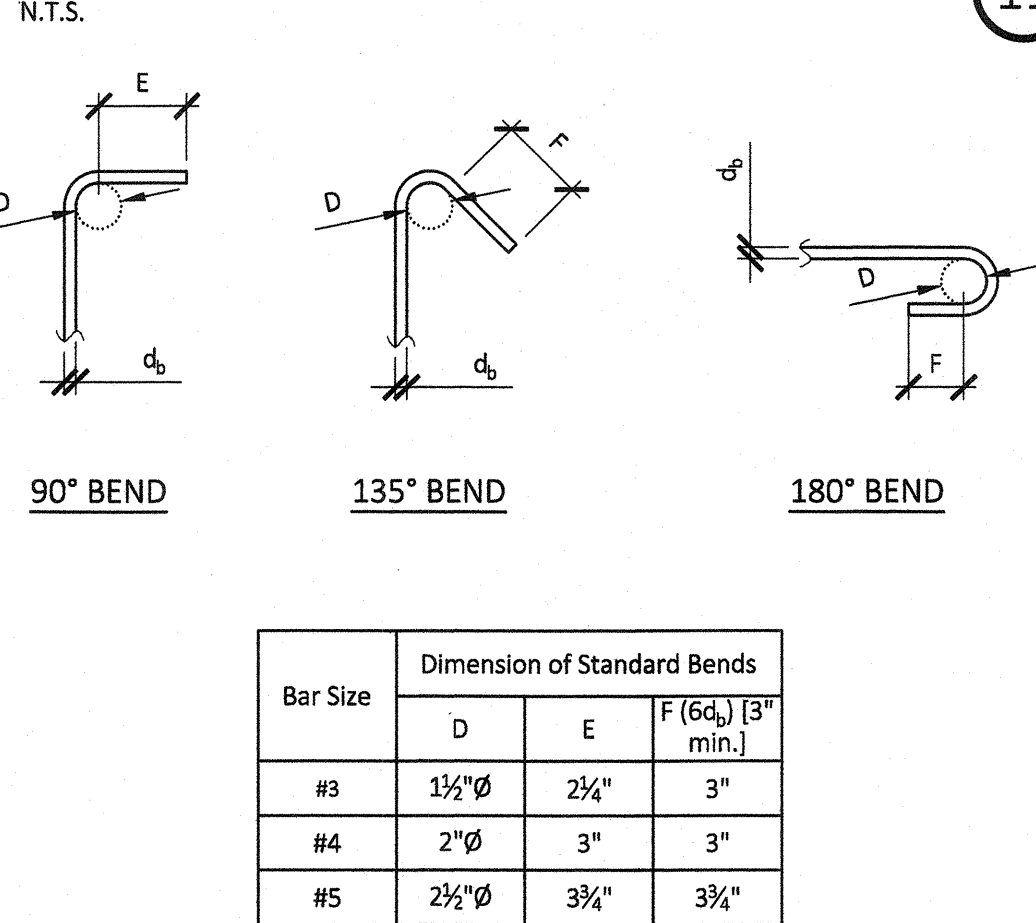
11 TYPICAL LAP SPLICES



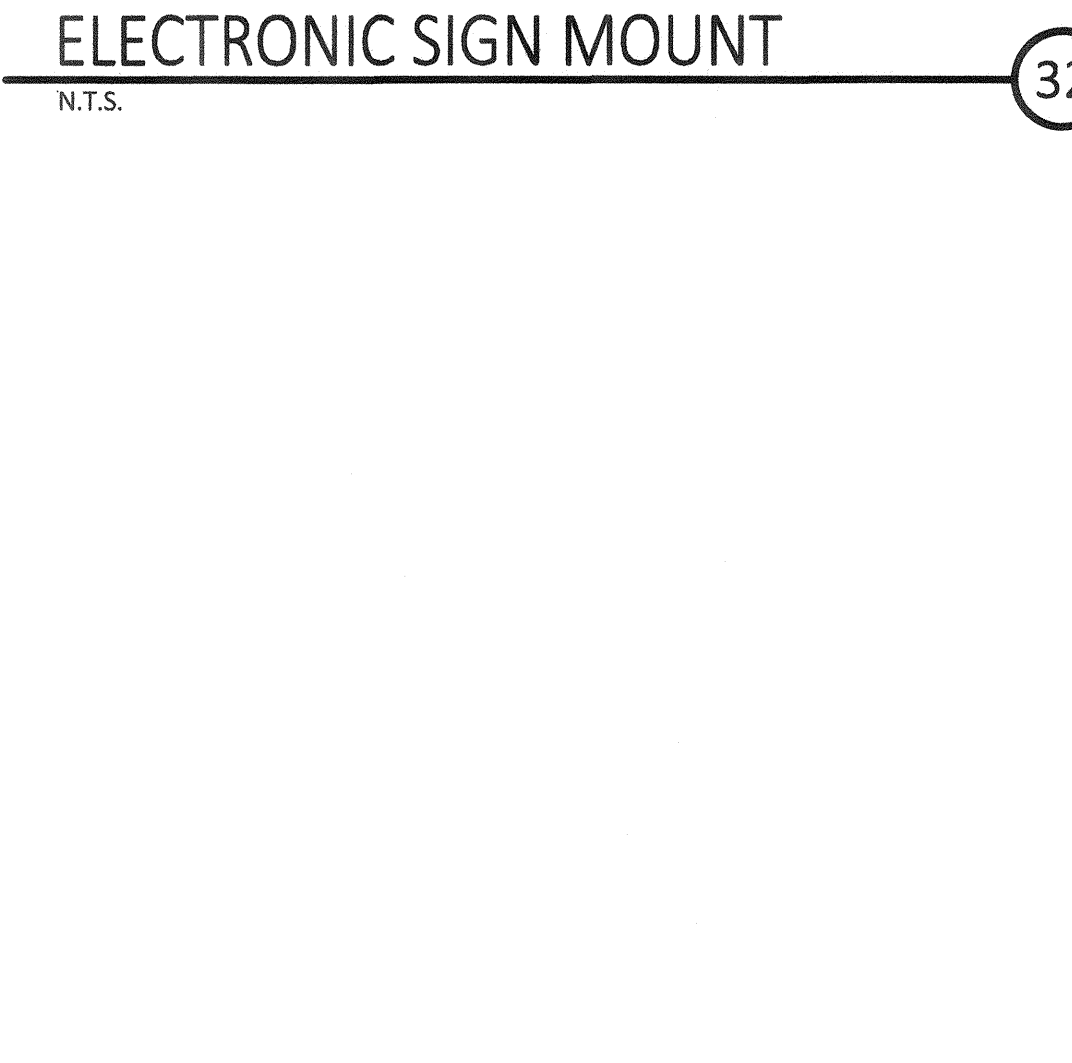
42 ELECTRONIC SIGN MOUNT



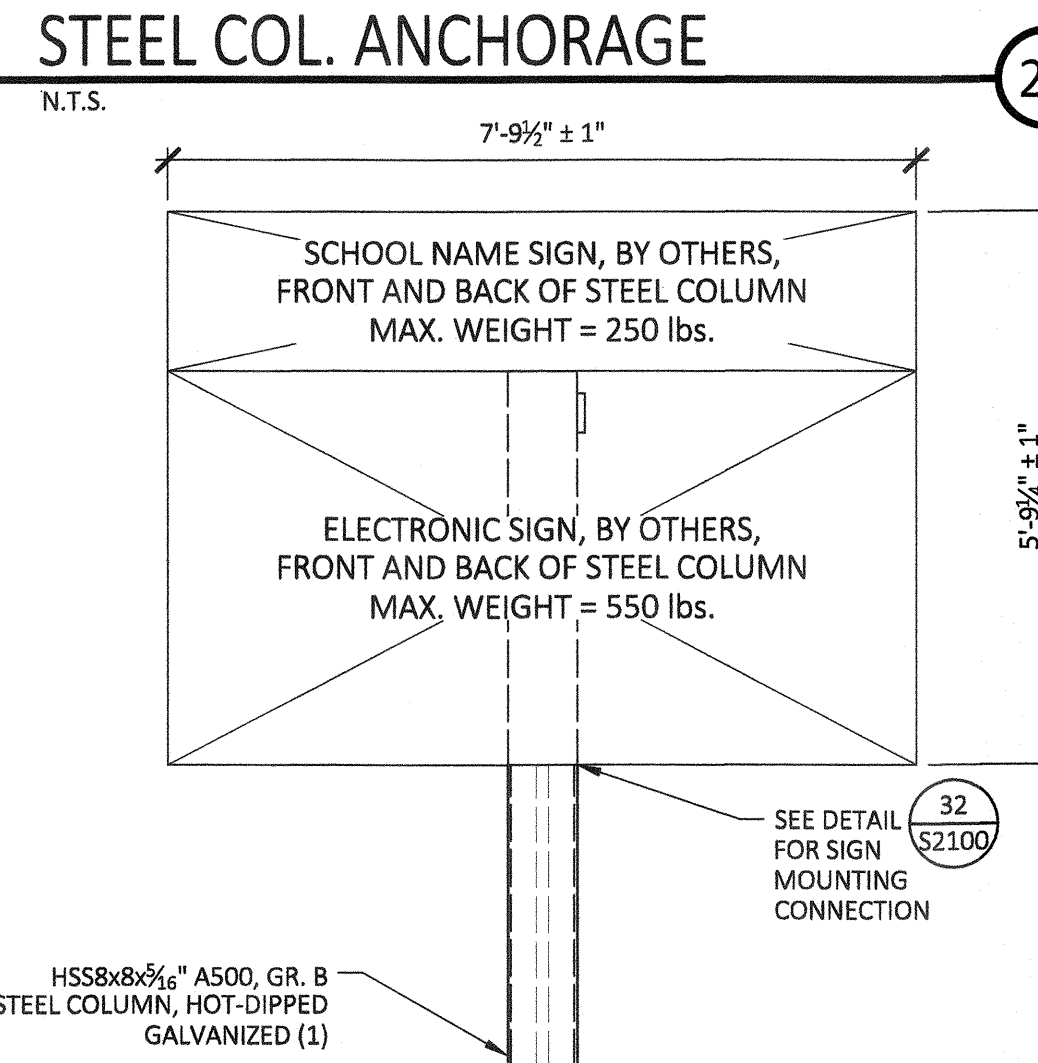
22 STEEL COL. ANCHORAGE



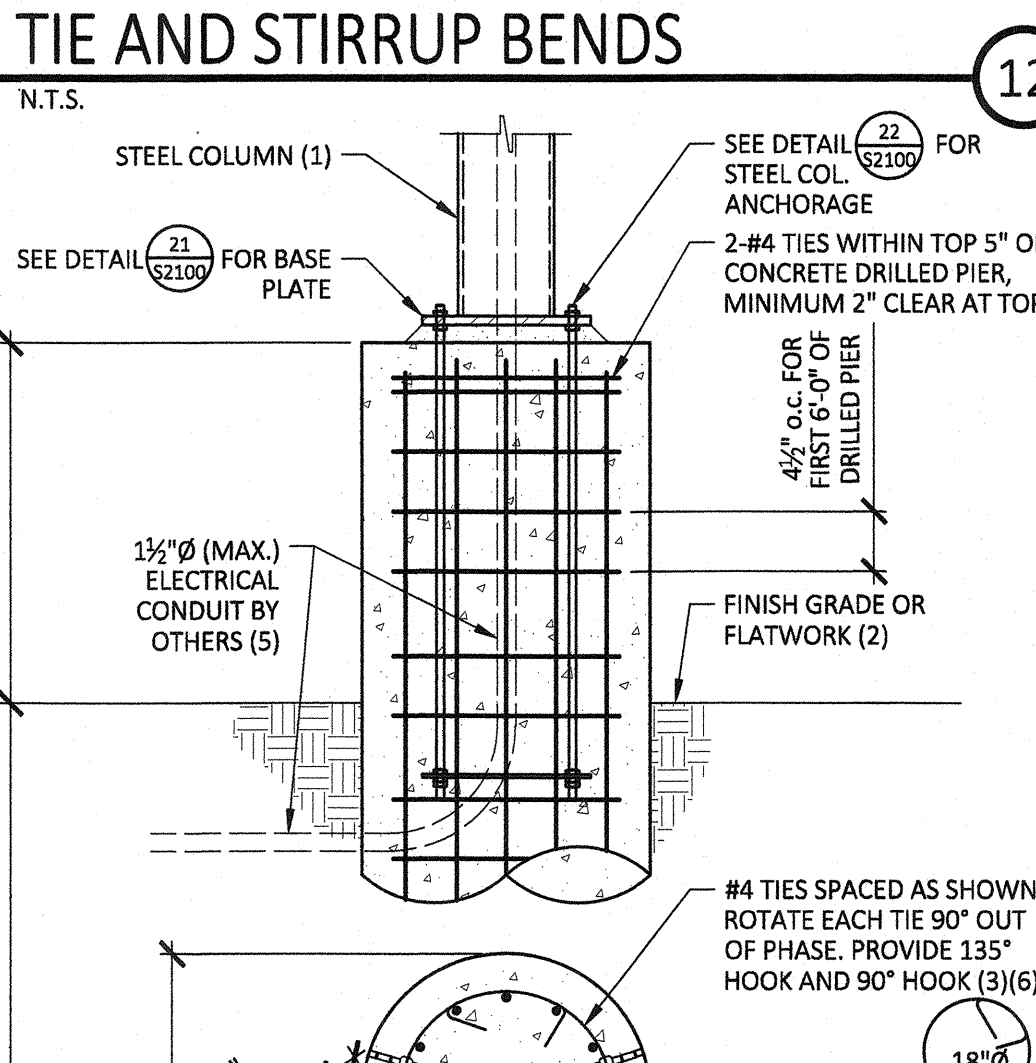
12 TIE AND STIRRUP BENDS



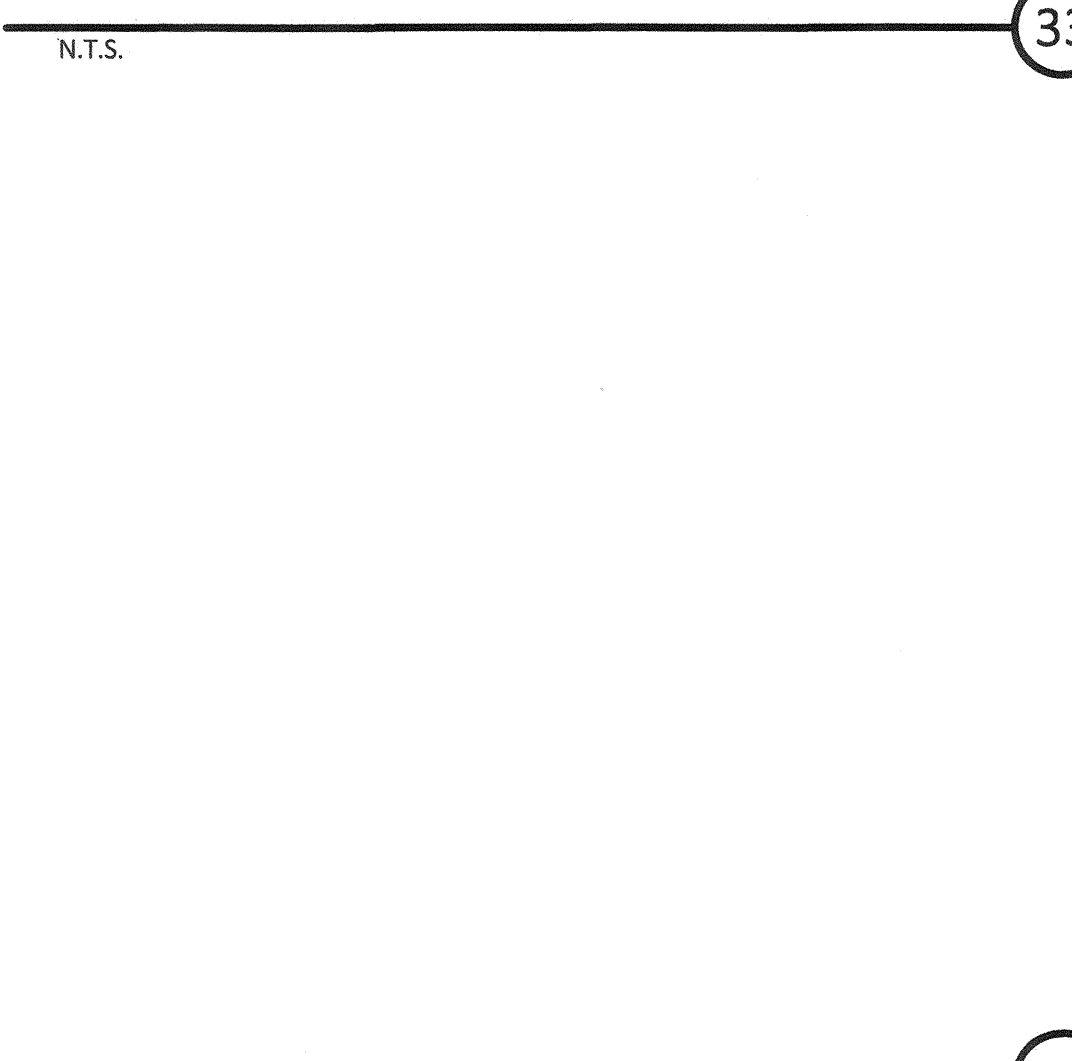
43 ELECTRONIC SIGN ELEV.



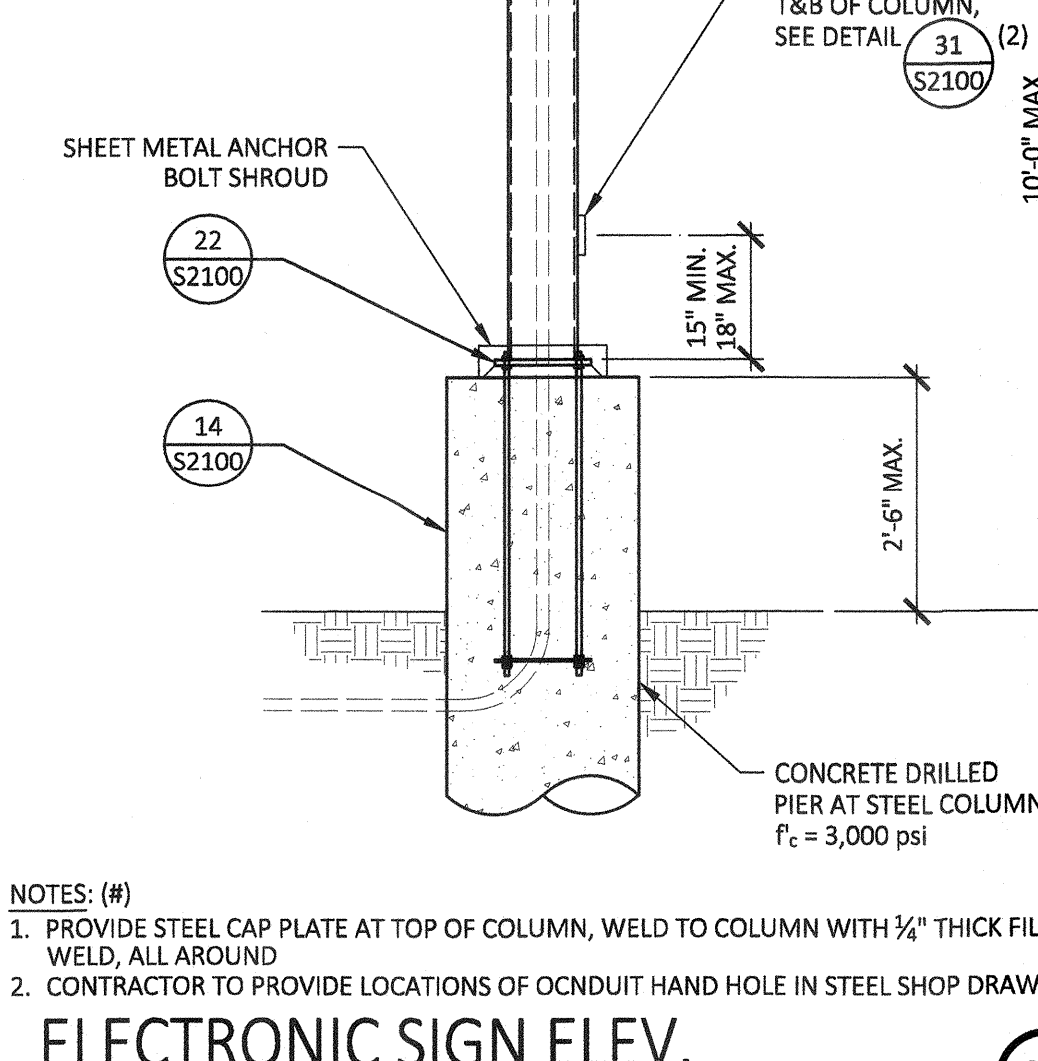
33 CONCRETE DRILLED PIER



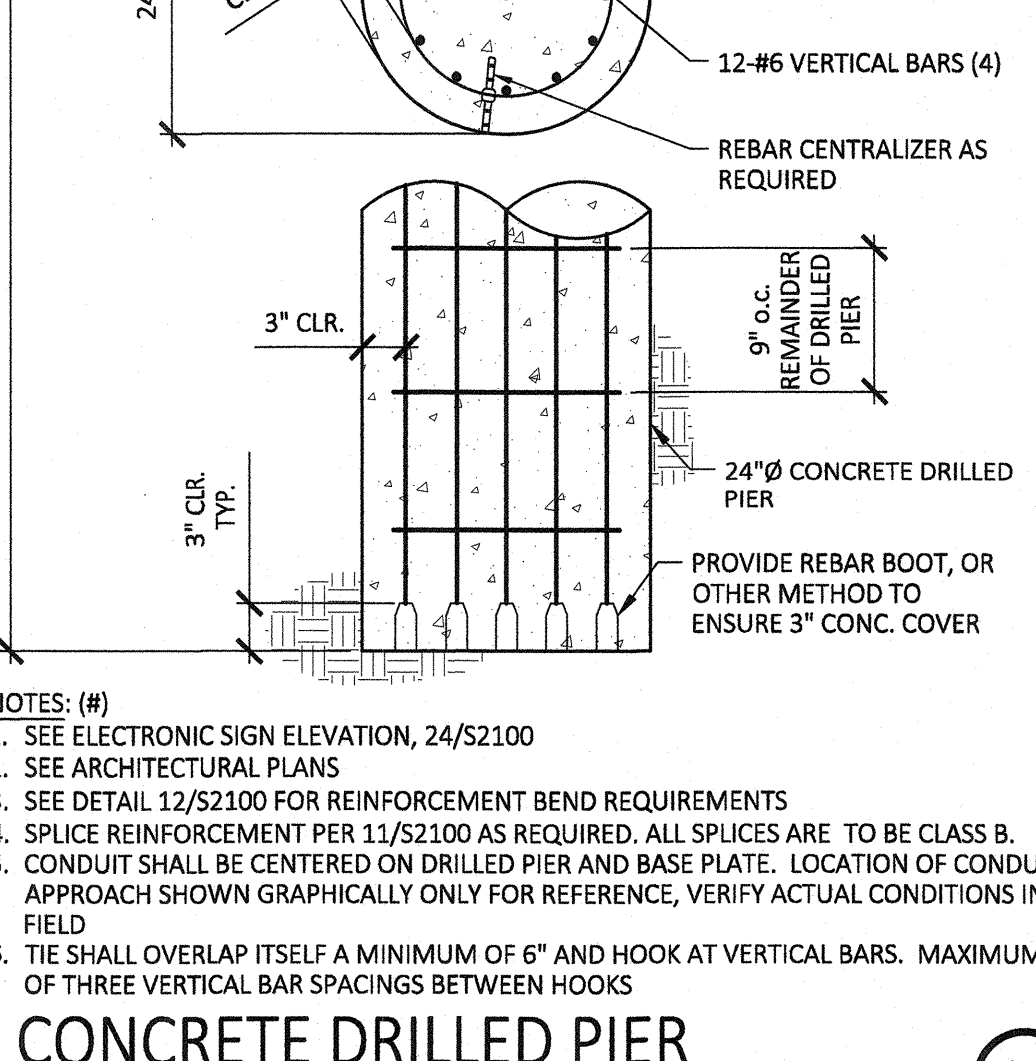
12 TIE AND STIRRUP BENDS



44 ELECTRONIC SIGN ELEV.



33 CONCRETE DRILLED PIER



12 TIE AND STIRRUP BENDS

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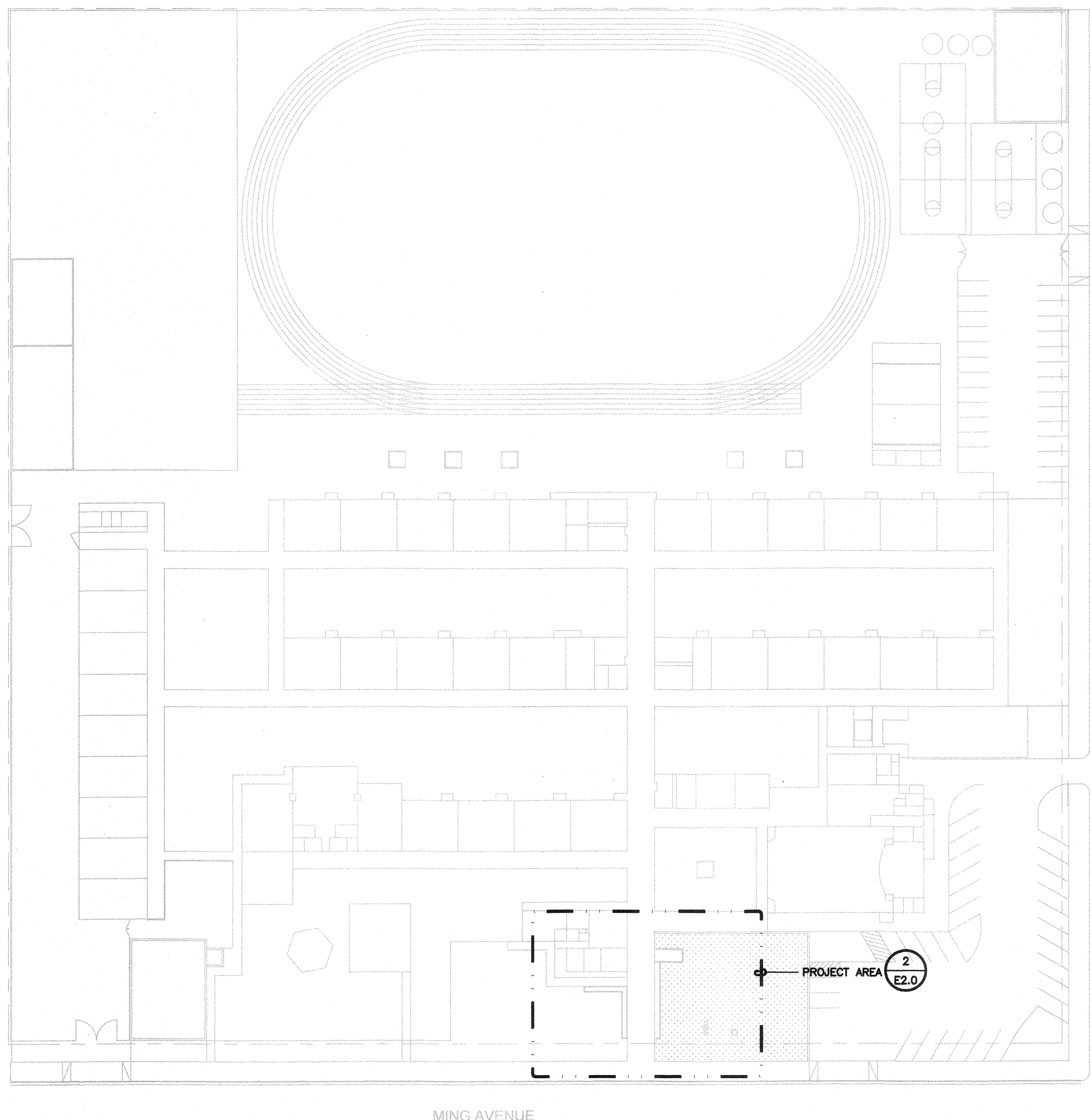
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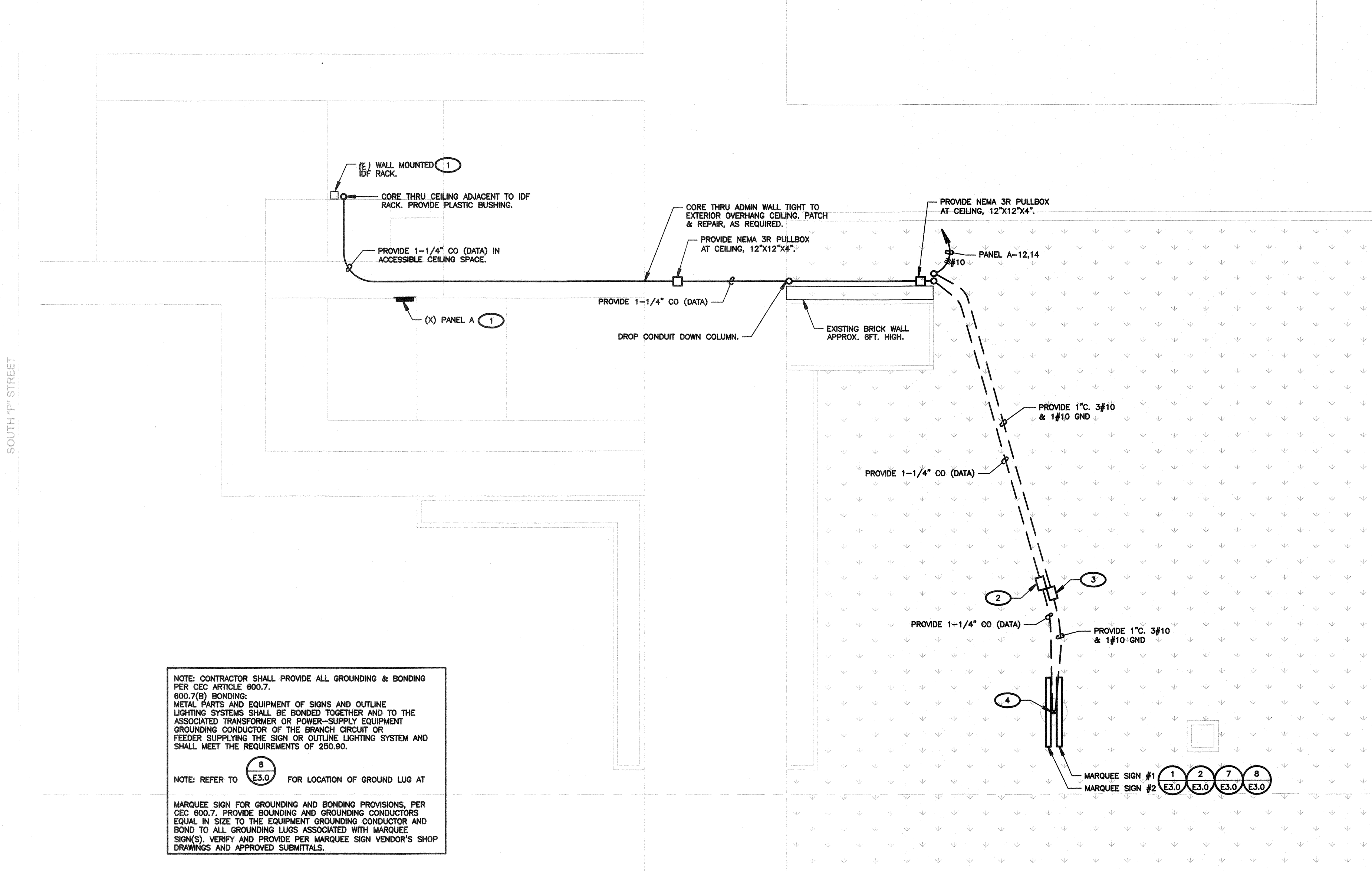
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S2100

CONSTRUCTION DOCUMENTS



1 SITE ELECTRICAL PLAN
SCALE: 1"=60'-0"



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

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 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. 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

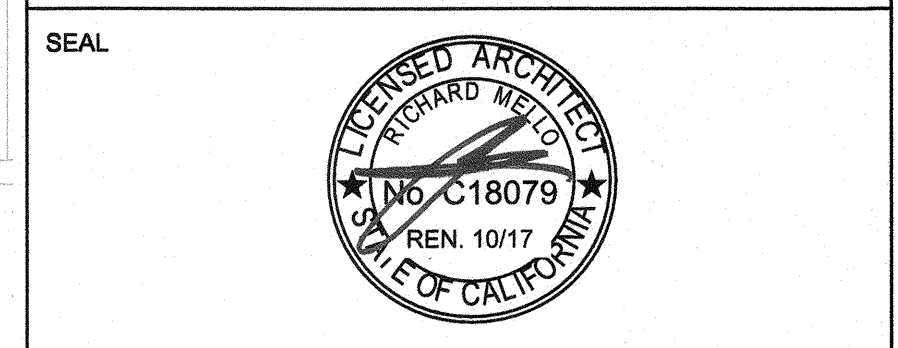
- (NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)
- APPROXIMATE LOCATION. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION.
 - PROVIDE COMMUNICATIONS PULLBOX. PROVIDE 11"x17" TRAFFIC RATED PULLBOX WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "COMMUNICATIONS". #B1017BOX WITH #B1017-51JH COVER, BY CHRISTY CONCRETE.
 - PROVIDE POWER PULLBOX. PROVIDE 11"x17" TRAFFIC RATED PULLBOX WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "ELECTRIC". #B1017BOX WITH #B1017-51JH 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.

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 250.80.

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 CABLEING TO MARQUEE SIGN. VERIFY & PROVIDE PER MARQUEE SIGN SHOP DRAWINGS & APPROVED SUBMITTALS.

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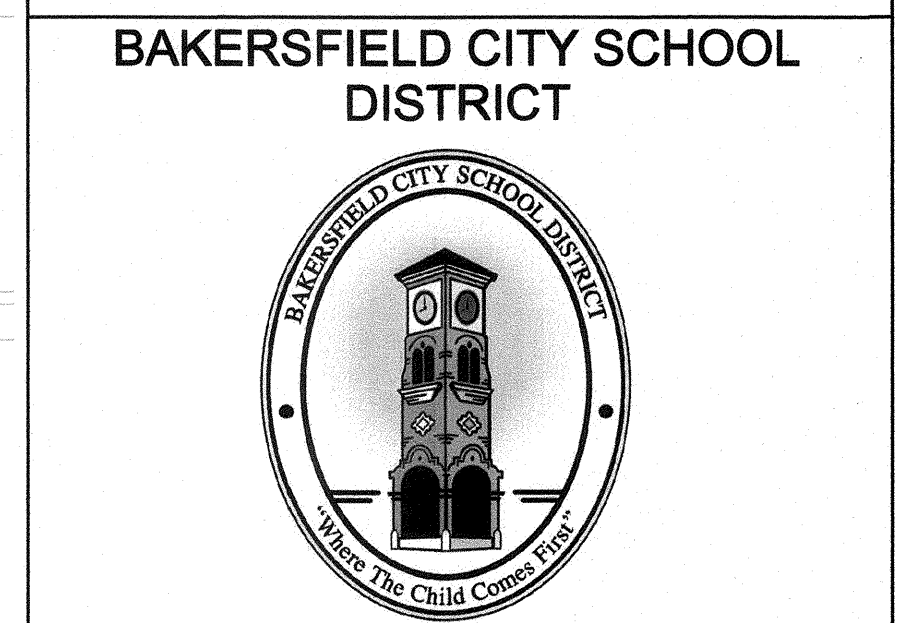
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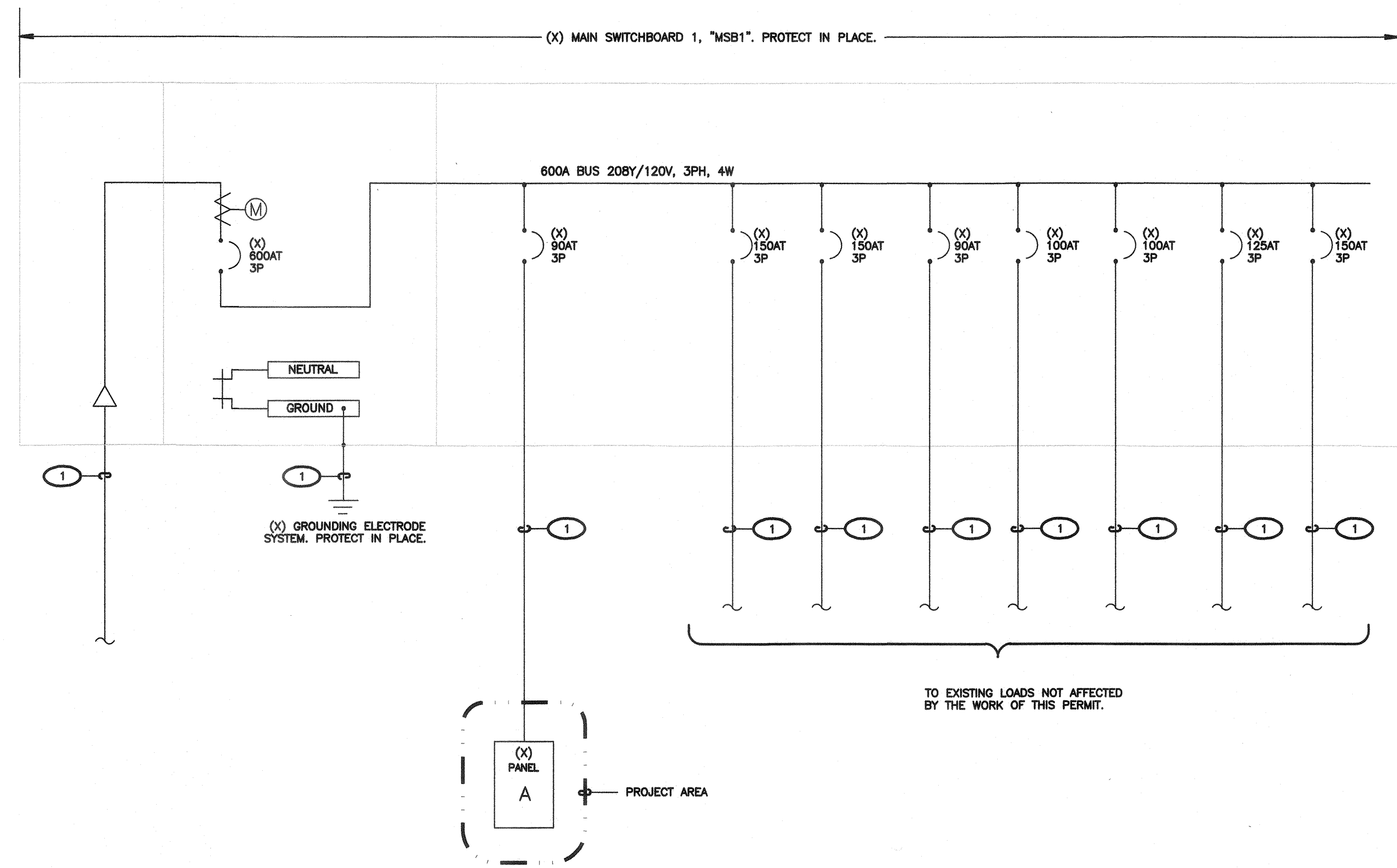
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SHEET NUMBER
E2.0



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Call before you dig.

CONSTRUCTION DOCUMENTS



1 SINGLE LINE DIAGRAM
SCALE: NOT TO SCALE

SHEET NOTES

- VERIFY LOCATION OF ALL BUILDINGS AND APPENDITURES 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 THHN/THWN 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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FERRANTI ENGINEERING
 CONSULTING ELECTRICAL ENGINEERS
 1211 MARICOPA HWY, SUITE 250
 OJAI, CA 93023
 (805) 705-4772
 DALEFERRANTI@LIVE.COM

AGENCY INFORMATION:
 AGENCY TRACKING NO. 63321-273
 FILE NO. 15-6
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
03-118201
 AC FL SS
 DATE OCT 25 2017

BAKERSFIELD CITY SCHOOL DISTRICT

WAYSIDE E.S. - MARQUEE SIGN

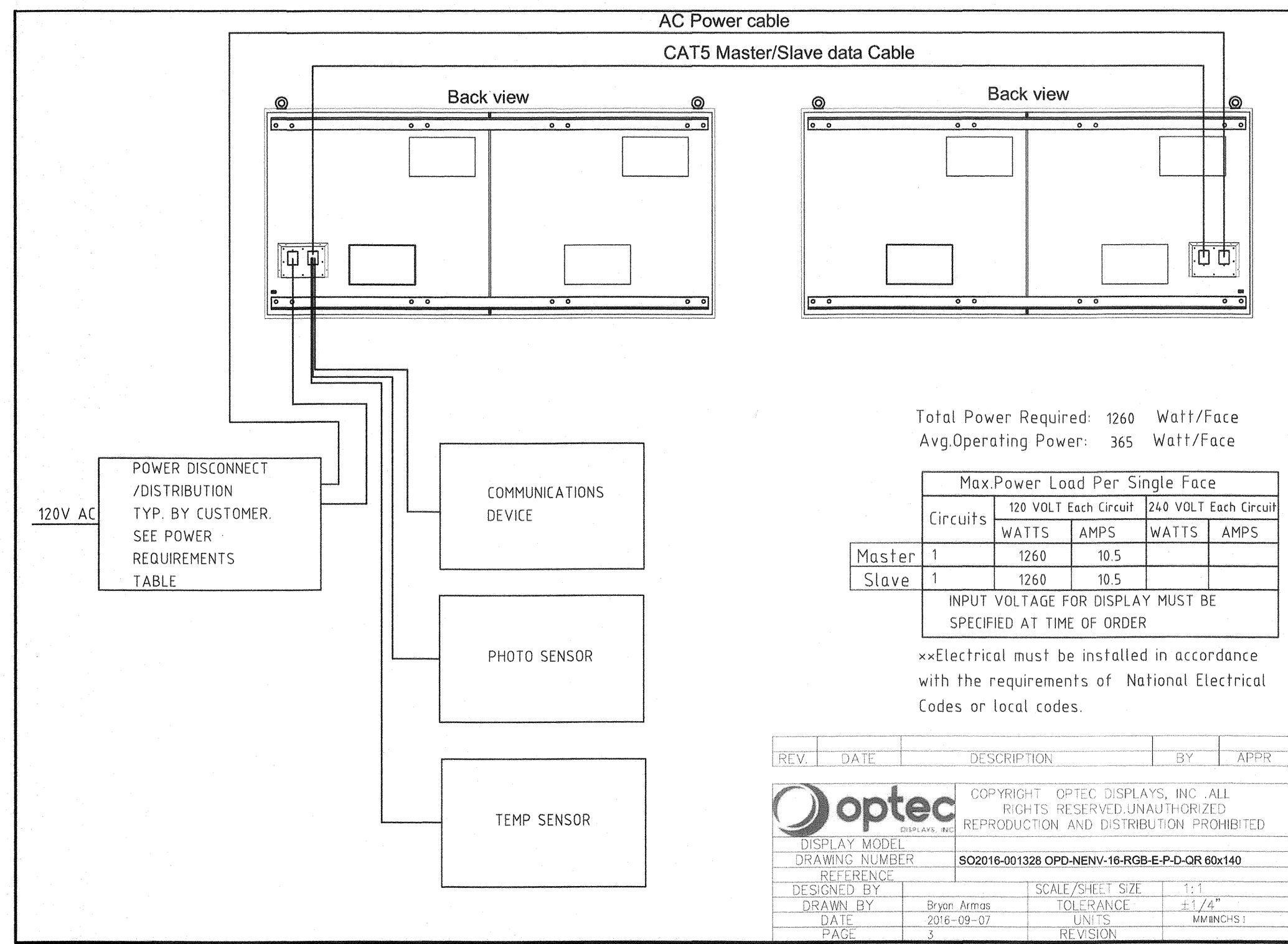
1000 MING AVE., BAKERSFIELD, CA 93307
 OPSC or OSHPD PROJ. NO:
 PROJECT NO:
 DRAWN BY: VZ
 CHK'D BY: DF
 ISSUE DATE: 10/19/2017
 SHEET TITLE
SINGLE LINE DIAGRAM

SHEET NUMBER
E2.1

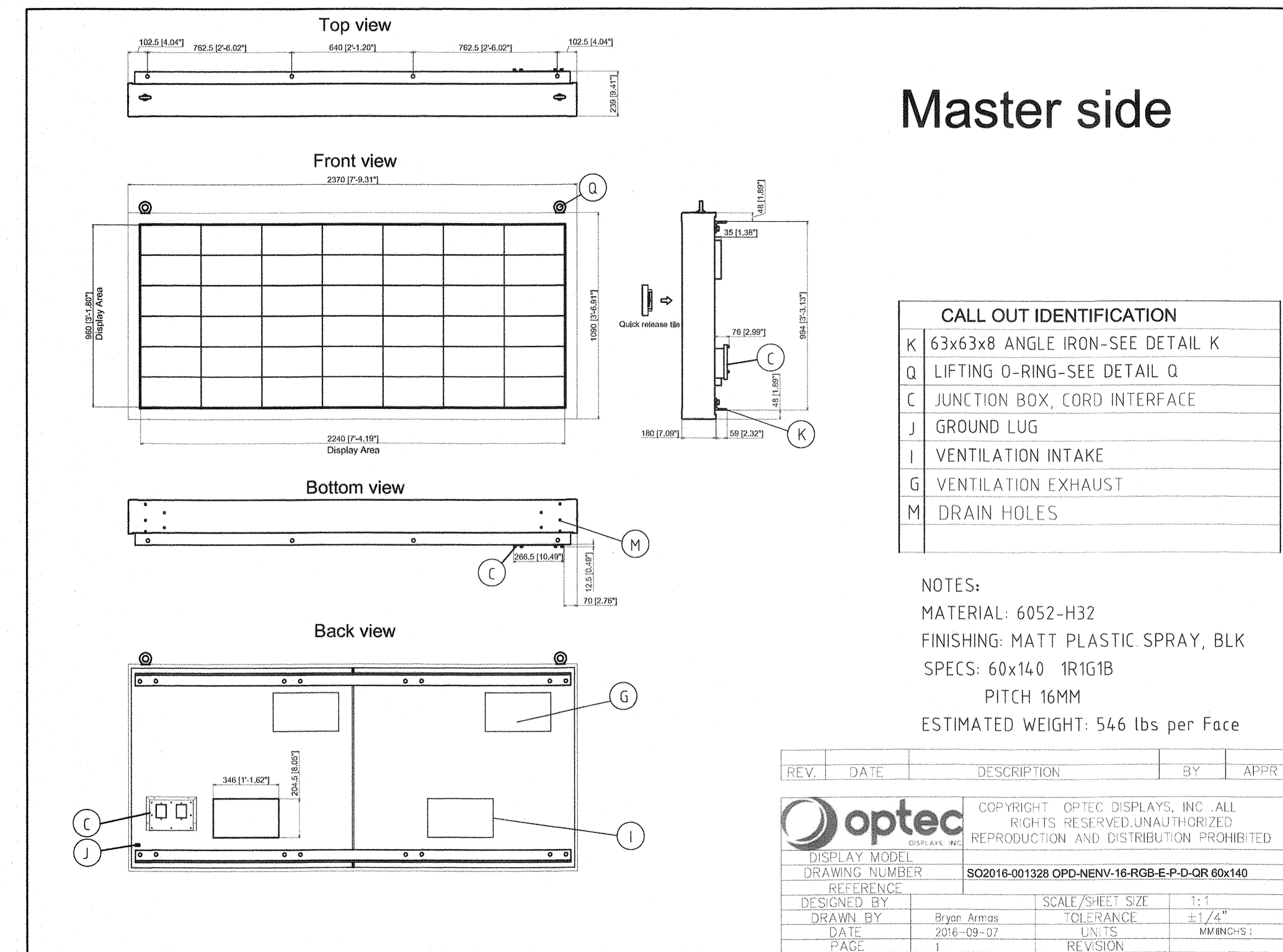
C K T		VA LOAD			LOAD DESCRIPTION												VA LOAD			C K T			
LINE A	LINE B	LINE C	LINE C	LINE C	MIS	REC	LTS	POL	TRP	A	B	C	TRP	POL	LTS	REC	MIS	LINE A	LINE B	LINE C	LINE C		
1																							2
3																							4
5																							6
7																							8
9																							10
11																							12
13																							14
15																							16
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21																							22
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25																							26
27																							28
29																							30
31																							32
33																							34
35																							36
37																							38
39																							40
41																							42
SUBTOTALS																		1260	1260				
NOTES:																		LINE TOTALS	1,260	1,260			
14 SPACE PANEL																		LCL ADDER	1,260	1,260			
																		TOTAL VA/PH	11	11			
																		LINE AMPS					

EXISTING PANEL GENERAL NOTES:
 1. UON, ALL LOAD DESCRIPTIONS ARE EXISTING.
 2. UON, ALL CIRCUIT BREAKERS DESIGNATED IN PANEL SCHEDULE ARE EXISTING.
 * EXISTING CIRCUIT BREAKER IN SPACE #12 SHALL BE RELOCATED TO THIS POSITION. PROVIDE ALL NECESSARY WORK & MATERIALS IN ORDER TO MAINTAIN INTEGRITY OF EXISTING BRANCH CIRCUIT.
 □ PROVIDE CIRCUIT BREAKER IN EXISTING SPACE.

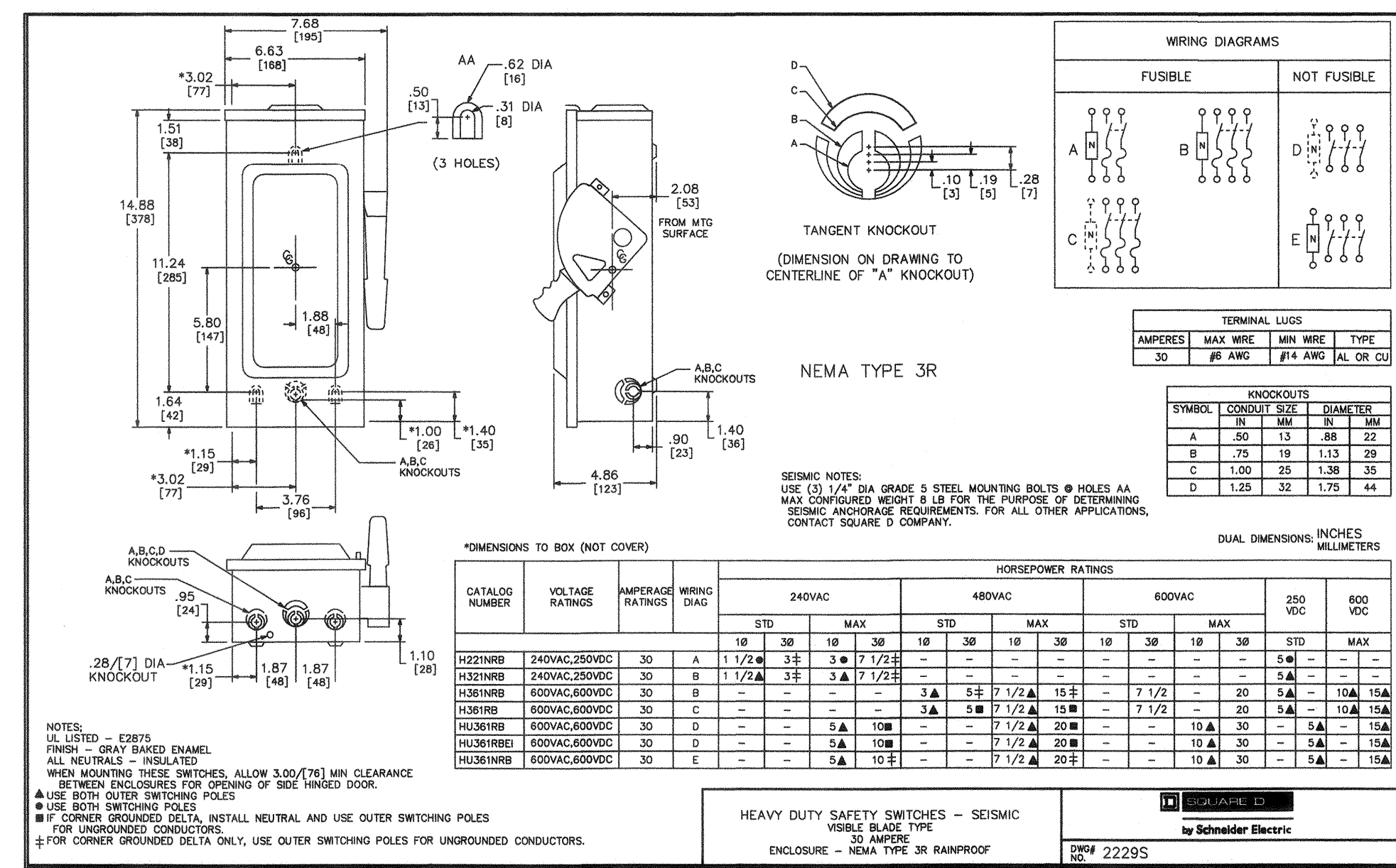
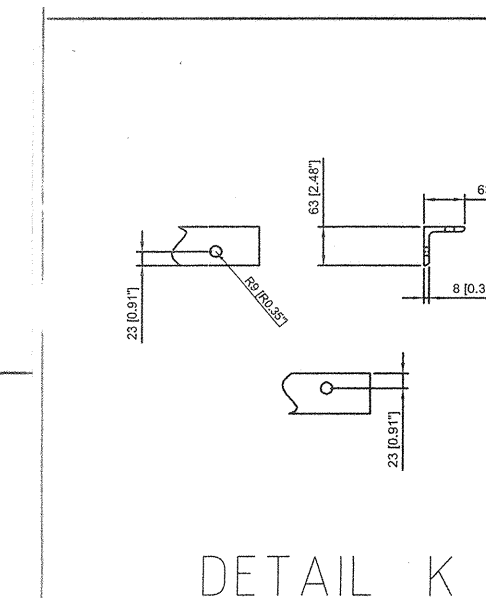
CONSTRUCTION DOCUMENTS



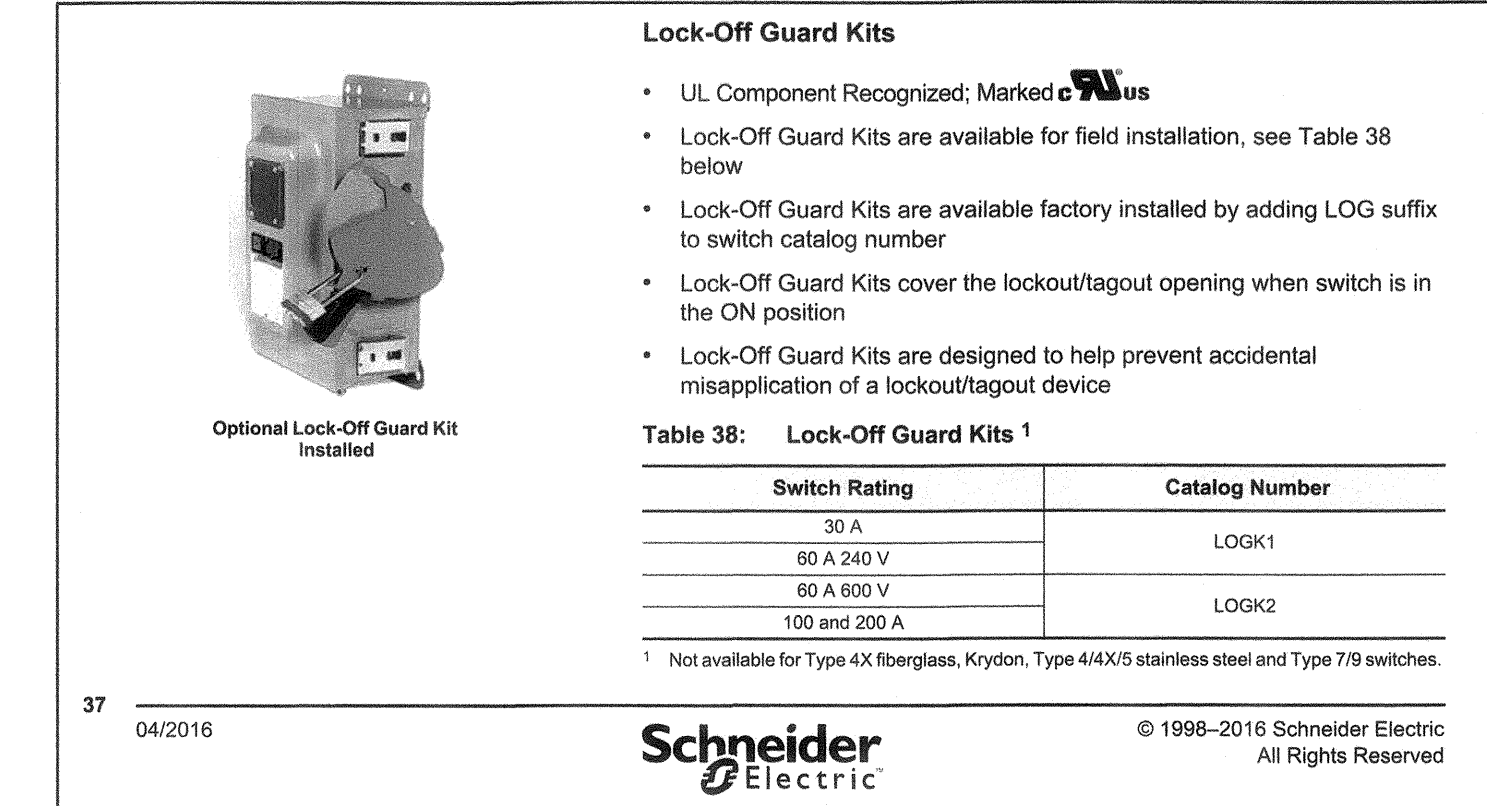
7 MARQUEE SIGN VENDOR DRAWING
SCALE: NOT TO SCALE



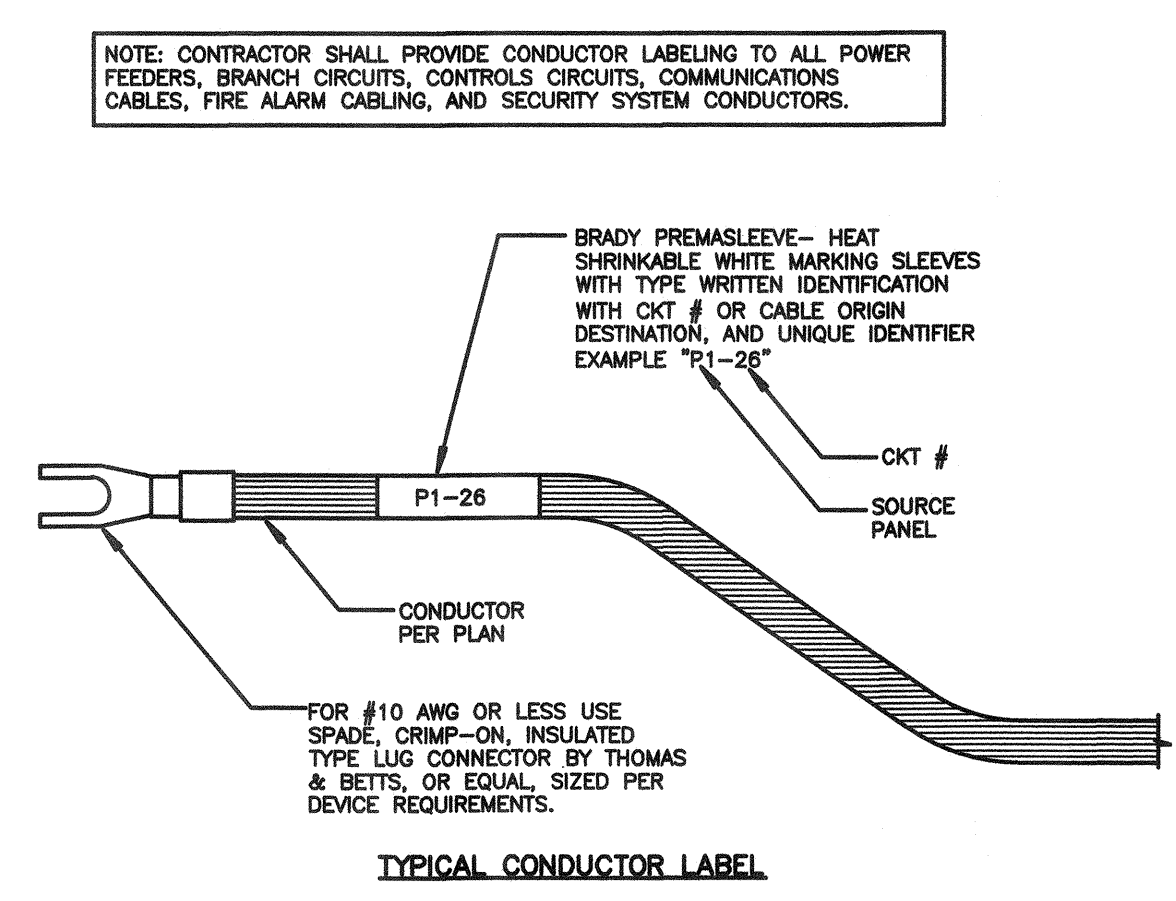
8 MARQUEE SIGN VENDOR DRAWING
SCALE: NOT TO SCALE



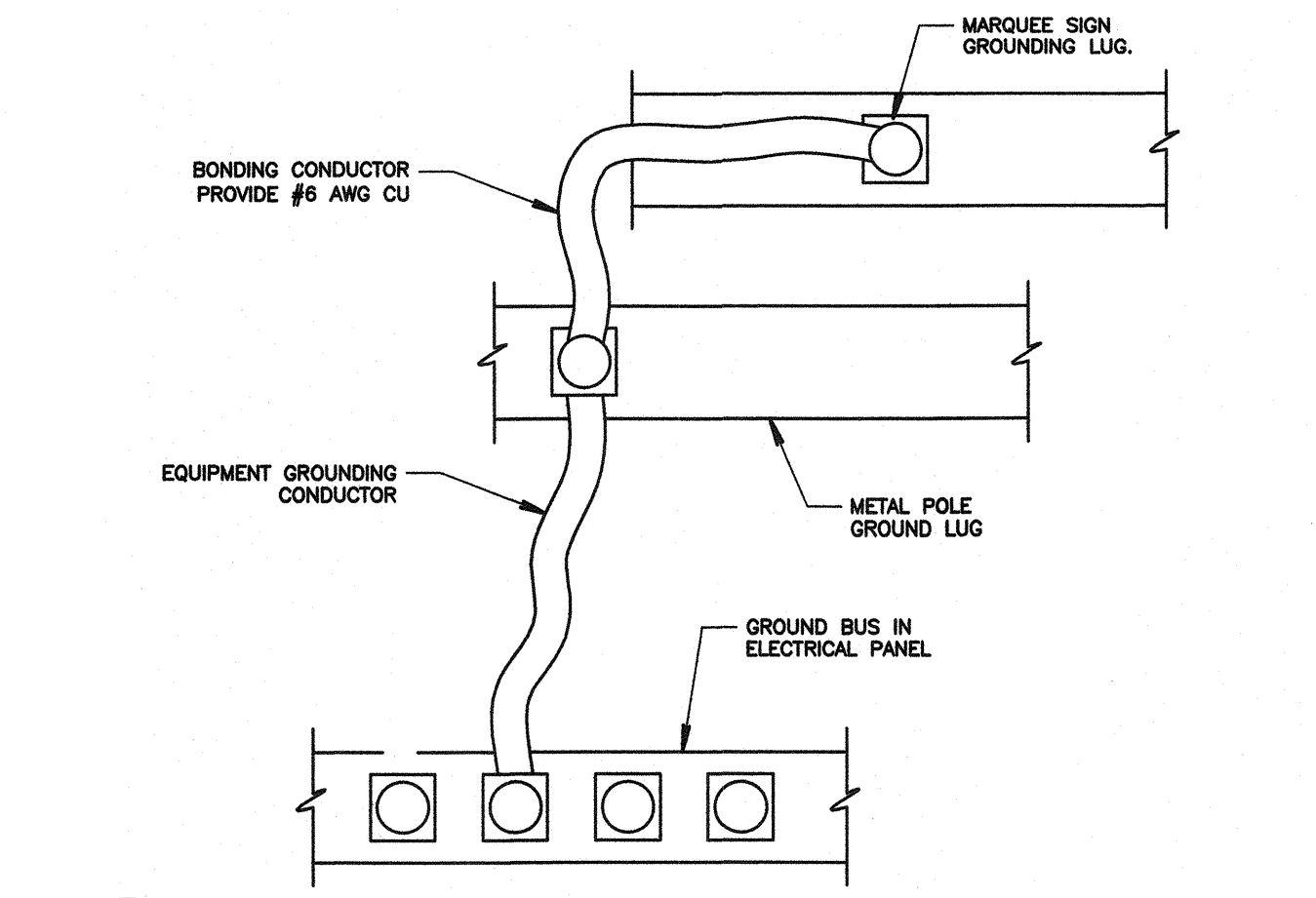
4 MARQUEE SIGN SAFETY VENDOR DRAWING
SCALE: NOT TO SCALE



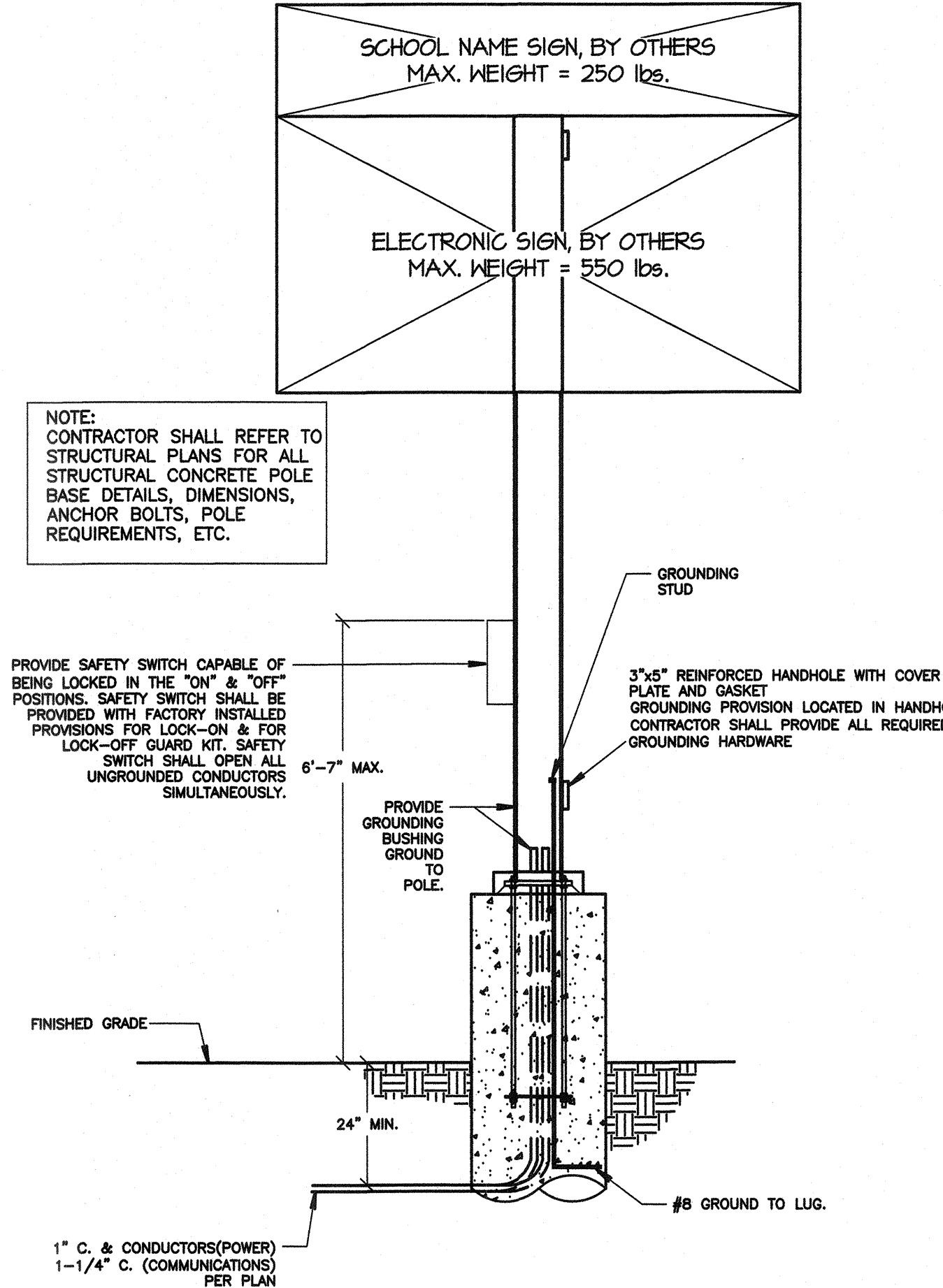
5 TYPICAL MARQUEE LOCK-OFF GUARD KIT DETAIL
SCALE: NOT TO SCALE



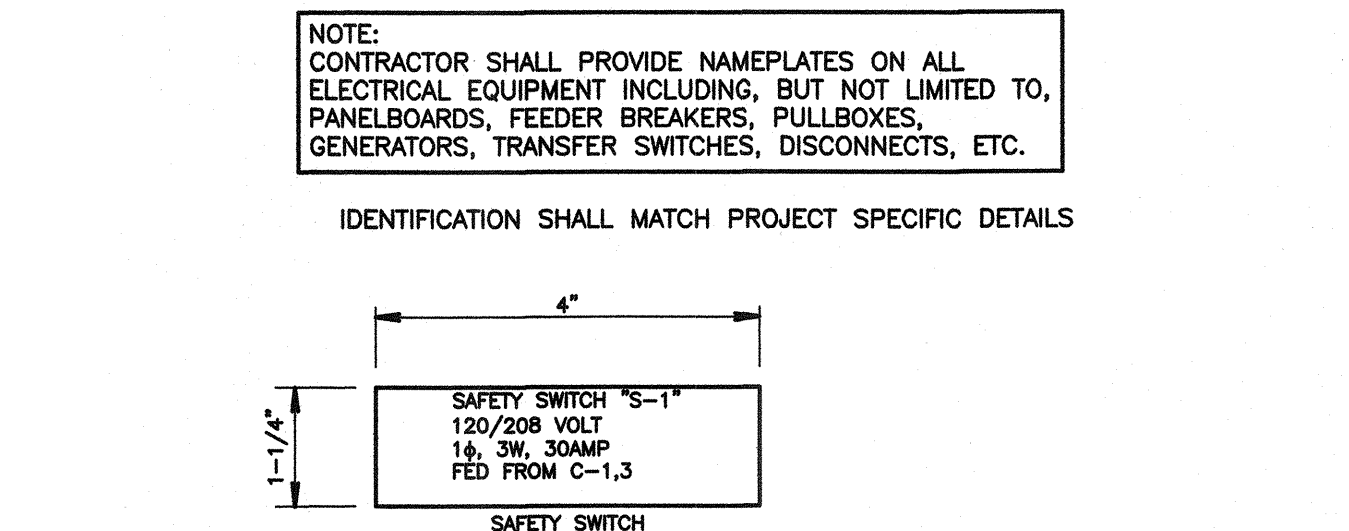
6 TYPICAL LABELING DETAIL
SCALE: NOT TO SCALE



1 MARQUEE SIGN BONDING DIAGRAM
SCALE: NOT TO SCALE



2 MARQUEE SIGN ELECTRICAL DETAIL
SCALE: NOT TO SCALE



3 TYPICAL NAMEPLATE DETAILS
NOT TO SCALE

PRIME CONSULTANT

ARCHITECTURE PLANNING

IBI San Luis Obispo
4119 Broad Street, Suite 210
San Luis Obispo, CA 93401
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SEAL

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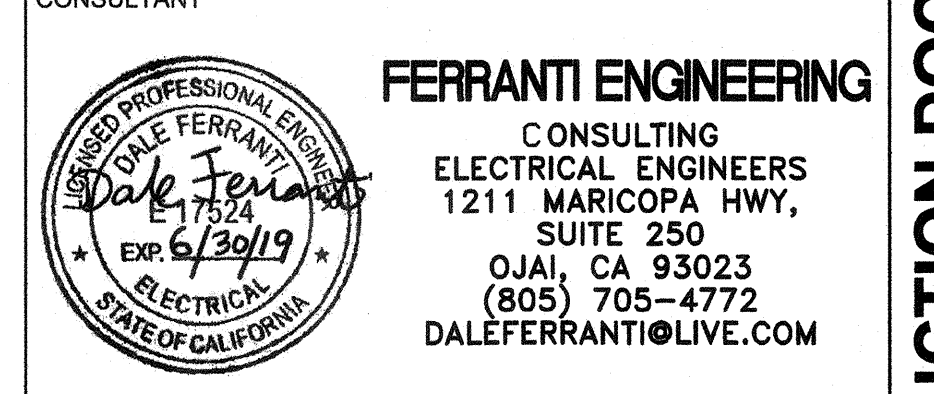
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REVISIONS

NO.	DATE	APPRD.	DESCRIPTION
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SHEET TITLE

DETAILS

SHEET NUMBER

E3.0

CONSTRUCTION DOCUMENTS