

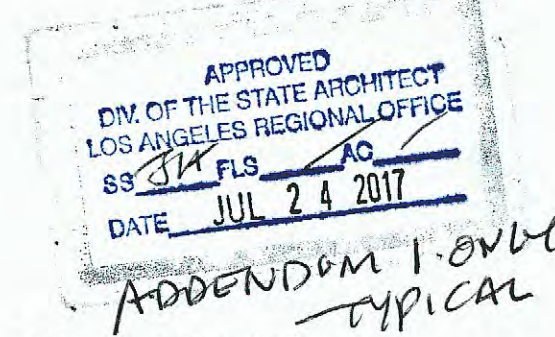


DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL BAKERSFIELD CITY SCHOOL DISTRICT

DSA FILE NO. :15-6

PTN: 63321-168

DSA APPL. NO. : 03-116415



GENERAL

PROJECT ADDRESS:
1015 NOBLE AVE.
BAKERSFIELD, CA 93305

PROJECT DESCRIPTION:

THE PROJECT SHALL CONSIST OF FOLLOWING ITEMS HERE IN TO INCLUDE BUT NOT NECESSARILY LIMITED TO, REMOVAL OF (3) EXISTING BUILDINGS FROM THE SCHOOL SITE. CLASSROOMS WILL BE REPLACED WITH (4) PORTABLE CLASSROOM BUILDINGS. SCOPE OF WORK INCLUDES ALL WORK ASSOCIATED WITH PLACING THE NEW BUILDING PLUS ACCESSIBLE RAMPS, STAIRS, WALKS, PLAY YARDS, SITE AND AMPHITHEATER. THIS APPLICATION HAS BEEN LINKED TO THE ACCESSIBLE IMPROVEMENT AND FIRE ALARM PROVIDED UNDER A#03-115810 AND CERTIFICATION OF THIS PROJECT CANT OCCUR UNTIL A#03-115810 IS CERTIFIED.

GOVERNING CODES

2013 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA BUILDING CODE (CBC), VOLUME 1 AND 2, TITLE 24 C.C.R.
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2013 CALIFORNIA FIRE CODE (FC), PART 9, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19, STATE FIRE MARSHAL - PUBLIC SAFETY
TITLE 24, CALIFORNIA BUILDING AND FIRE CODE (PARTS 1-4 INCLUSIVE)
NFPA 13, INSTALLATION OF FIRE SPRINKLER SYSTEMS
NFPA 14, STANDARD FOR THE INSTALLATION OF PRIVATE SERVICE MAINS
NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS (2013 EDITION)
NFPA 20, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
NFPA 25, INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS (WITH CALIFORNIA AMENDMENTS)
NFPA 72 NATIONAL F.A. AND SIGNALING CODE (2013 EDITION)

ENFORCING AGENCY:

DIVISION OF THE STATE ARCHITECT, LOS ANGELES
BAKERSFIELD FIRE DEPARTMENT

FLOOD ZONE:

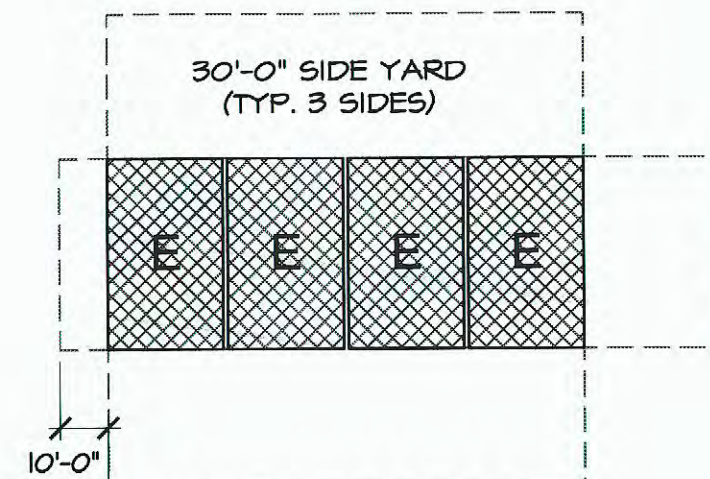
A REVIEW OF FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE MAPPING FOR THE AREA OF THE SUBJECT SITE (COMMUNITY PANEL NUMBER 6023023006, DATED SEPTEMBER 26, 2008), INDICATES THAT THE SUBJECT SITE IS WITHIN "FANAL NOT PRINTED - NO SPECIAL FLOOD HAZARD AREAS."

NOTES:

1. A COPY OF TITLE 24 C.C.R. PARTS 1 THROUGH 5 AND 9 SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
2. ALL CONSTRUCTION CHANGE DOCUMENTS AND ADDENDA TO BE SIGNED BY THE ARCHITECT AND THE OWNER AND APPROVED BY DSA. CONSTRUCTION CHANGE DOCUMENTS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-336, TITLE 24 PART 1, DSA IR A-6 AND NO WORK SHALL COMMENCE UNTIL APPROVED BY DSA.
3. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF TITLE 24 SECTION 4-335, PART 1, AND APPROVED T & I SHEET
4. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH TITLE 24 SECTION 4-335 OF PART 1, AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR.
5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE CONCRETE PER TITLE 24 SECTION 4-331, PART 1.
6. INSPECTOR SHALL BE APPROVED BY DSA. INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH TITLE 24 SECTION 4-342, PART 1. THIS PROJECT REQUIRES A DSA APPROVED CLASS 3 INSPECTOR.
7. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH TITLE 24 SECTION 4-334, PART 1.
8. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM 555-6) IN ACCORDANCE WITH TITLE 24 SECTION 4-336 AND 4-343, PART 1.
9. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH TITLE 24 SECTION 4-333(A) AND 4-341, PART 1.
10. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH TITLE 24 SECTION 4-343, PART 1.
11. DSA IS NOT SUBJECT TO ARBITRATION.
12. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
13. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES

BUILDING INFORMATION

PORTABLE CLASSROOM BUILDING:
• CONSTRUCTION TYPE: V-B (NON-SPRINKLERED)
• OCCUPANCY TYPE: E (EDUCATION)
• ALLOWABLE AREA:
E = 9500 SQ. FT.
• SQUARE FOOTAGE UNDER BASE ALLOWABLE SQUARE FOOTAGE
NO ALLOWABLE INCREASE CALCULATED FOR THIS PROJECT
• ACTUAL AREA:
E = 9240 SQ. FT.



PROJECT INFORMATION

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

APPLICATION NO. 03-116415 FILE NO. 15-6

THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET
 THIS DRAWING, PAGE OF SPECIFICATIONS/CALCULATIONS

HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

1. DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341, AND 4-344" OF TITLE 24, PART 1.

I CERTIFY THAT:
 ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX WITH *

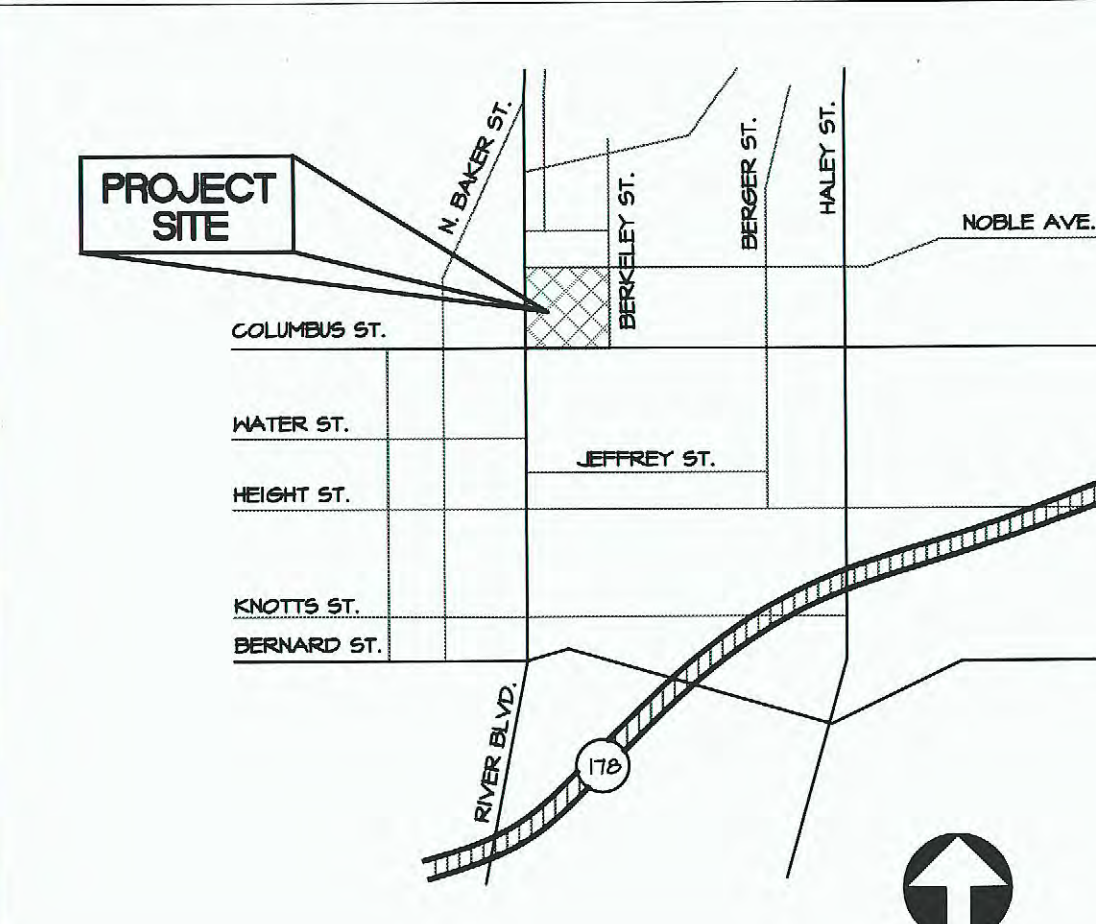
IS/ARE IN GENERAL CONFORMANCE AND
 HAVE BEEN COORDINATED

ARCHITECT'S SIGNATURE: ROBERT V. THORNTON
ARCHITECT/SENIOR PARTNER
TETER, LLP
DATE: 6/5/17

C-29052 LICENSE NUMBER
OT-31-15 EXPIRATION DATE

ARCHITECT'S STATEMENT

BUILDING ANALYSIS



VICINITY MAP

SCALE: N.T.S.

SHEET INDEX

GENERAL	MANUFACTURE (04-114102) *
6000 COVER SHEET	A-0 COVER SHEET
	A-0A T&I FORMS
	A-01 SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE
	A-02 SCHEDULE
	A-03A ENERGY CALC'S - PRF FORMS - ZONE 14 WORST CASE
	A-03B ENERGY CALC'S - PRF FORMS - ZONE 15 WORST CASE
	A-03C ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE
	A-03A ENERGY CALC'S - ELC FORMS - 24'X40' BUILDINGS
	A-03B ENERGY CALC'S - LTO / MCH FORMS - 24'X40' BUILDINGS
	A-03C ENERGY CALC'S - LTI FORMS - 24'X40' BUILDINGS
	A-03D ENERGY CALC'S - ELC FORMS - 120'X40' BUILDINGS
	A-03E ENERGY CALC'S - LTO / MCH FORMS - 120'X40' BUILDINGS
	A-03F ENERGY CALC'S - LTI FORMS - 120'X40' BUILDINGS
	A-07 DESIGN ENERGY VALUES BY ZONE & CALGREEN SPECIFICATIONS
	A-1.01 FLOOR PLAN - 24' X 40'
	A-2.11 REFLECTED CEILING PLAN - 24' X 40' VAULTED CEILING
	A-2.13 REFLECTED CEILING PLAN - 48' X 40' - VAULTED CEILING
	A-2.20 CEILING DETAILS - T GRID
	A-2.21 CEILING DETAILS - HARD LID
	A-3.04 ROOF PLAN
	A-3.50 ROOF DETAILS
	A-4.01 EXTERIOR ELEVATIONS
	A-5.02 CROSS SECTION - DUAL SLOPE - 0.018", B.U., OR TPO ROOF DECK
	A-5.05 CROSS SECTION
	A-5.51 ARCHITECTURAL DETAILS - WOOD STUD - PLASTER
	A-5.70 ARCHITECTURAL DETAILS - FLOOR
	A-5.80 ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
	A-5.81 ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
	A-6.01 INTERIOR ELEVATIONS
	F-2.11 CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR
	F-2.50 CONCRETE FOUNDATION DETAILS - BELOW GRADE
	F-2.51 CONCRETE FOUNDATION DETAILS - CONCRETE
	S-0.1 STRUCTURAL SPECIFICATIONS
	S-1.11 FLOOR FRAMING PLAN - CONCRETE FLOOR
	S-1.60 FLOOR FRAMING DETAILS - CONCRETE FLOOR
	S-2.11 ROOF FRAMING PLAN - 0.018", BUILT UP, OR TPO ROOF - 20 PSF
	S-2.51 ROOF FRAMING DETAILS - DUAL SLOPE
	S-2.60 ROOF FRAMING DETAILS
	S-3.02 BUILDING SECTION - DUAL SLOPE ROOF
	S-5.00 WALL FRAMING ELEVATIONS - WOOD STUDS
	S-5.10 WALL FRAMING DETAILS - WOOD STUDS
	S-5.11 WALL FRAMING DETAILS - WOOD STUDS
	S-5.12 WALL FRAMING OPENING SCHEDULE / WOOD STUDS
	P-1.01 PLUMBING DETAILS AND SCHEDULE
	M-0.1 MECHANICAL NOTES, SCHEDULES, AND DETAILS
	M-1.01 MECHANICAL PLAN - WALL MOUNT - 24' X 40'
	E-1.01 ELECTRICAL PLAN

MANUFACTURE PROJECT SPECIFIC *

A-0N COVER SHEET
A-0.2N SCHEDULE
A-1.01N FLOOR PLAN
A-2.11N REFLECTED CEILING PLAN
A-3.04N ROOF PLAN
A-3.50N ROOF DETAILS
A-4.01N EXTERIOR ELEVATIONS
A-6.01N INTERIOR ELEVATIONS
F-2.11N CONCRETE FOUNDATION KEY PLAN
P-1.01N PLUMBING DETAILS AND SCHEDULE
M-1.01N MECHANICAL PLAN
E-1.01N ELECTRICAL

LOCATION MAP

SCALE: N.T.S.

OWNER
BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CALIFORNIA 93305
(661) 631-5005
CONTACT: RANDY ROWLES

PROJECT ARCHITECT
TETER, LLP
1200 DISCOVERY DRIVE, STE. 160
BAKERSFIELD, CALIFORNIA 93309
PHONE: (661) 843-8400
FAX: (661) 843-8448
CONTACT: ROBERT V. THORNTON

CIVIL ENGINEER
PORTER & ASSOCIATES, INC.
1200 21ST STREET
BAKERSFIELD, CALIFORNIA 93301
(661) 321-0362
CONTACT: FRED W. PORTER

LANDSCAPE ARCHITECT
ROBERT BORO LANDSCAPE ARCHITECT
P.O. BOX 4734
FRESNO, CALIFORNIA 93144
PHONE: (559) 266-4367
FAX: (559) 266-3005
CONTACT: RICHARD VAILLANCOUR

ELECTRICAL ENGINEER
TETER, LLP
1535 N. PALM AVENUE, STE. 201
FRESNO, CALIFORNIA 93711
PHONE: (559) 431-0887
FAX: (559) 438-1554
CONTACT: EVAN BASTIAN

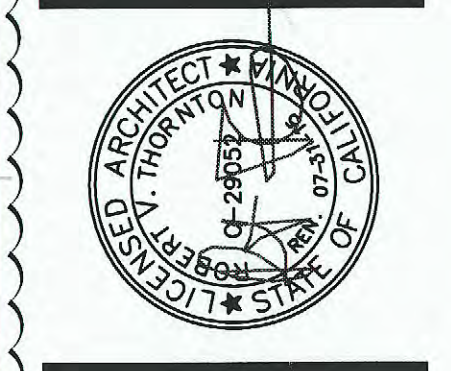
GEOTECHNICAL ENGINEER
B5K ASSOCIATES
100 22 STREET
BAKERSFIELD, CALIFORNIA 93301
PHONE: (661) 321-0671
FAX: (661) 324-4218
CONTACT: ON MAN LAU

PROJECT DIRECTORY

ADDENDUM #1	DATE	DESCRIPTION
1	4/14/17	
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FILE NUMBER: 15-6
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL: 03-116415

DATE: _____
AC: _____ FLS: _____ SS: _____



TETER, LLP
7535 N. PALM AVE. 201 | FRESNO, CA 93711 | 559-437-0887
123 S. BRIDGE ST. 100 | VISALIA, CA 93271 | 559-426-6246
1200 DISCOVERY DR. 160 | BAKERSFIELD, CA 93307 | 661-843-8400
ARCHITECTS ENGINEERS CONNECTED



DOH PORTABLE
REPLACEMENT
NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE
COVER SHEET

PROJECT NO. 15-4630

DRAWING G000

CIVIL IMPROVEMENT PLANS

NOBLE ELEMENTARY SCHOOL DOH PORTABLE REPLACEMENT

1015 NOBLE AVENUE BAKERSFIELD, CA

BENCHMARK USED:

TOP OF CURB AT NORTH END OF NORTHWEST CURB RETURN AT THE INTERSECTION OF COLUMBUS STREET AND BERKELEY STREET (SEE KEY MAP)

ELEVATION = 495.10 (ASSUMED DATUM)

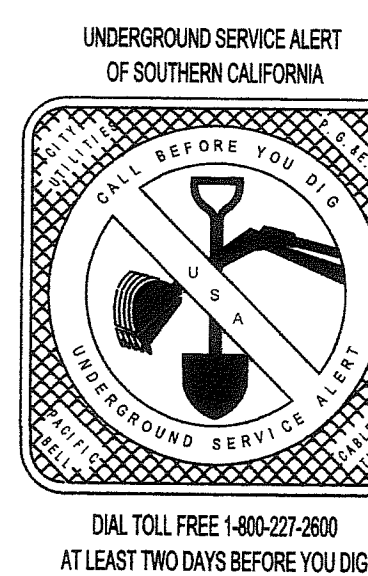
GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THIS PLAN, THE CALIFORNIA BUILDING CODE, CITY OF BAKERSFIELD ORDINANCE, LATEST EDITION AND STANDARDS PERTAINING THERETO. THESE DOCUMENTS SHALL BE MADE A PART HEREOF.
- ALL CONSTRUCTION WITHIN THE CITY RIGHT-OF-WAY OR CITY EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF BAKERSFIELD STANDARDS AND STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2010. THESE STANDARDS, DRAWINGS AND DETAILS SHALL BE CONSIDERED A PART OF THESE PLANS AND THE CONTRACTOR SHALL OBTAIN A COPY FOR HIS USE.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS BEFORE START OF CONSTRUCTION. AN OPEN STREET PERMIT SHALL BE OBTAINED FROM THE CITY OF BAKERSFIELD PUBLIC WORKS DEPARTMENT FOR ANY WORK TO BE PERFORMED IN THE EXISTING, ACCEPTED STREET RIGHT-OF-WAY, UNLESS SECURED BY AN IMPROVEMENT AGREEMENT, APPROVED INSURANCE AND SECURITY BASED ON AN APPROVED ENGINEER'S ESTIMATE FOR THE WORK PERFORMED WITHIN THE STREET RIGHT-OF-WAY SHALL BE POSTED PRIOR TO ISSUANCE OF A PERMIT.
- 24 HOUR NOTICE: PRIOR TO THE START OF ANY PHASE OF CONSTRUCTION, THE CITY CONSTRUCTION INSPECTION SECTION SHALL BE GIVEN AT LEAST 24 HOURS NOTICE. THE SECTION MAY BE NOTIFIED AT (661) 326-3049.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING DIMENSIONS, DATA AND MEASUREMENTS AT THE BUILDING SITE PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. PORTER & ASSOCIATES, INC. MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.
- EXISTING UTILITY AND UNDERGROUND LINES HAVE BEEN SHOWN ON THIS PLAN ACCORDING TO AVAILABLE RECORDS. THE ENGINEER IS NOT RESPONSIBLE FOR POSSIBLE ERRORS OR OMISSIONS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO BEGINNING OF ANY WORK. UNDERGROUND SERVICE ALERT (U.S.A.: 1-800-227-2600) SHALL BE CONTACTED AT LEAST TWO WORKING DAYS PRIOR TO ANY CONSTRUCTION OR EXCAVATION.
- ANY EXISTING IMPROVEMENTS OR UTILITIES THAT ARE REMOVED, DAMAGED OR UNDERCUT BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED BY THE ENGINEER AND APPROVED BY THE GOVERNING AUTHORITY.
- IF A PROBLEM OR CONFLICT SHOULD ARISE DURING THE COURSE OF THE PROJECT, IT IS THE RESPONSIBILITY OF THE OWNER OR THE CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO ANY FURTHER WORK.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND SUPERVISION NECESSARY FOR A COMPLETE AND FUNCTIONAL PRODUCT.
- ALL WORK WHICH IS DEFECTIVE IN ITS CONSTRUCTION OR DEFICIENT IN ANY OF THE REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE REMEDIED, OR REMOVED AND REPLACED BY THE CONTRACTOR IN AN ACCEPTABLE MANNER, AND NO COMPENSATION WILL BE ALLOWED FOR SUCH CORRECTION.
- IN THE EVENT CONSTRUCTION STAKING BASED ON THE CONSULTANT'S PLANS, DRAWINGS OR OTHER DOCUMENTS IS ACCOMPLISHED BY ANYONE OTHER THAN THE CONSULTANT, THE OWNER OR CONTRACTOR SHALL NOTIFY THE BUILDING OFFICIAL IN WRITING AS TO THE CHANGE OF ENGINEER IN RESPONSIBLE CHARGE.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT; INCLUDING EROSION, SEDIMENTATION & DUST CONTROL PLAN AND STORM WATER POLLUTION PREVENTION PLAN IMPLEMENTATION AND THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- IF THE CONTRACTOR IS IN DOUBT AS TO THE MEANING OF ANY PART OF THE DRAWINGS AND SPECIFICATIONS OR FINDS DISCREPANCIES IN OR OMISSIONS FROM THE DRAWINGS, HE SHALL SUBMIT A WRITTEN REQUEST FOR AN INTERPRETATION OR A CORRECTION THEREOF, PRIOR TO FILING HIS BID PRICE FOR THE PROJECT.
- PORTER & ASSOCIATES, INC. WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ANY AND ALL CHANGES TO THESE PLANS MUST BE APPROVED IN WRITING BY PORTER & ASSOCIATES, INC.

ABBREVIATIONS

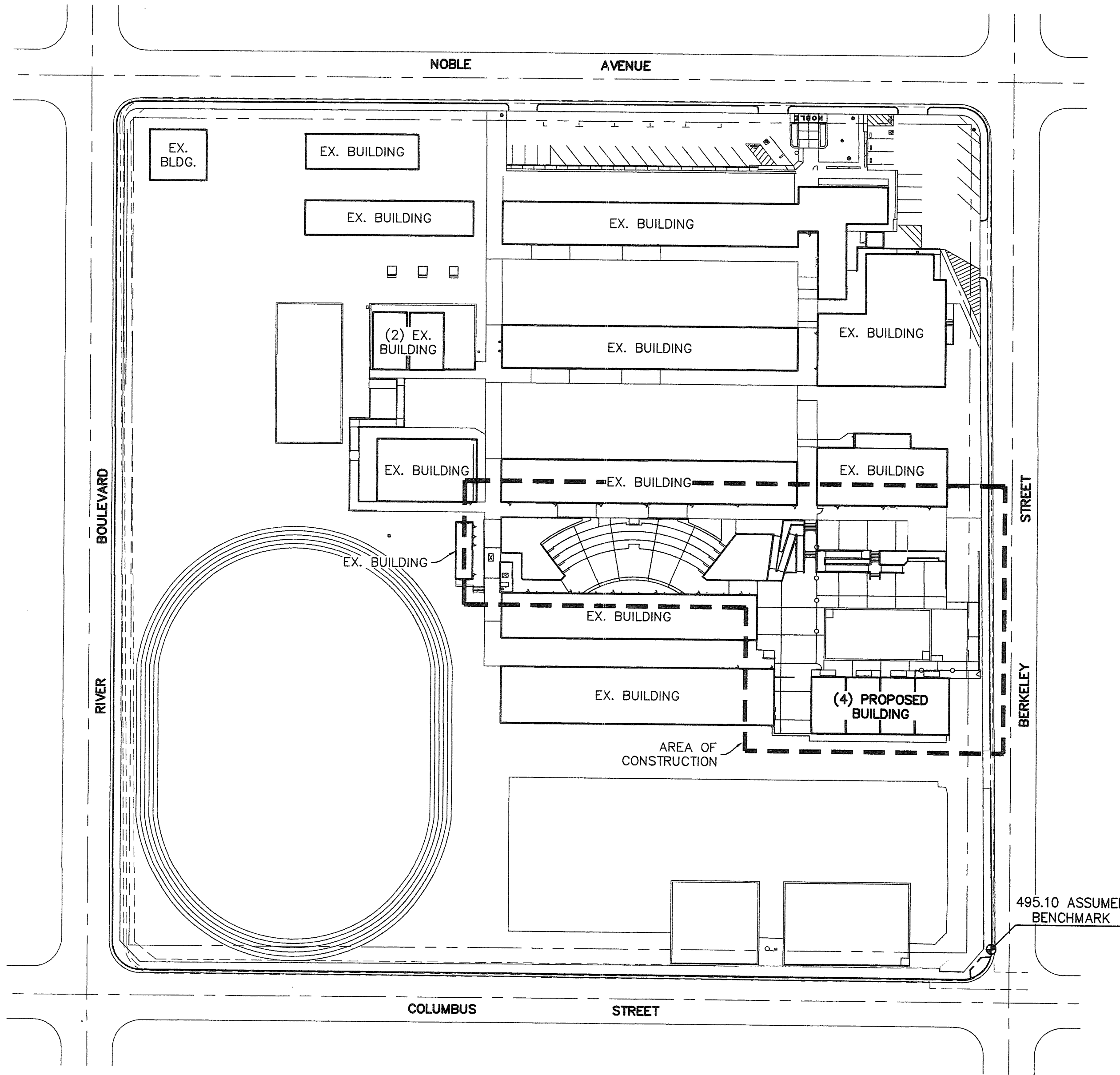
TYPICAL ALL SHEETS UNLESS SUPERSEDED BY SHEET DEFINITION

EX	EXISTING
FUT	FUTURE
FG	FINISHED GROUND
FS	FINISHED SURFACE
FP	FINISHED PAD
FF	FINISHED FLOOR
NG or OG	NATURAL/ORIGINAL GROUND
EP	EDGE OF ASPHALT CONCRETE PAVEMENT
AC	TOP OF ASPHALT CONCRETE PAVEMENT
AB	AGGREGATE BASE
ASB	AGGREGATE SUB-BASE
CL	CENTERLINE
DWY or D/A	DRIVEWAY OR DRIVE APPROACH
FL	FLOWLINE
GB	GRADE BREAK
TOG	TOP OF GRATE/CATCH BASIN INLET
TOC	TOP OF CONCRETE
TW	TOP OF WALL
CONC	CONCRETE
BW	BACK OF SIDEWALK
TC	TOP OF CURB
BCR	BEGIN CURB RETURN
ECR	END CURB RETURN
PI	POINT OF INTERSECTION
EC	END CURVE
BC	BEGIN CURVE
PVIC	VERTICAL CURVE POINT OF INTERSECTION
POVC	POINT ON VERTICAL CURVE
VC	VERTICAL CURVE
BVC	BEGIN VERTICAL CURVE
EVC	END VERTICAL CURVE
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
~	ON THIS SHEET
MAX	MAXIMUM
MIN	MINIMUM
TYP	TYPICAL
El or ELEV	ELEVATION
BDRY	BOUNDARY
R	RADIUS
L	LENGTH
AF	ACRE-FEET
SF	SQUARE FEET
LF	LINEAR FEET
EA	EACH
CY	CUBIC YARDS
ESMT	EASEMENT
RW	RIGHT-OF-WAY
SD	STORM DRAIN
CB	CATCH BASIN
SWR	SANITARY SEWER
MH	MANHOLE
WTR	WATER
G	GAS
REQ'D	REQUIRED
ICV	IRRIGATION CONTROL VALVE



SHEET No. INDEX

(1)	TITLE SHEET
(2)	NOTES
(3)	TOPO SURVEY
(4)	GRADING PLAN—WEST HALF
(5)	GRADING PLAN—EAST HALF
(6)	SEWER AND WATER PLAN



KEY MAP
SCALE: 1"=60'

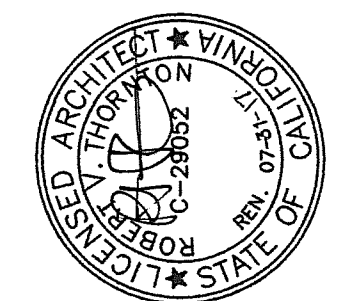


PORTER & ASSOCIATES, INC.
ENGINEERING & SURVEYING
1200 21st Street, Bakersfield, California 93301
661.327.0362 FAX 661.327.1065

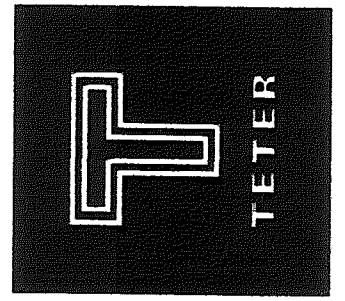
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8/06/15	DSA BACK CHECK
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FILE NUMBER: 15-6
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL: 03-116415

AC *K* FLS *OB* SS *JH*
DATE: NOV 10 2015



TETER, LLP
7535 N. PALM AVE. 201 | FRESNO, CA 93711 | 889.437.0887
125 S. BRIDGE ST. 101 | VISALIA, CA 93291 | 889.428.8244
1200 DISCOVERY DR. 101 | BAKERSFIELD, CA 93307 | 661.663.9000
ARCHITECTS ENGINEERS CONNECTED



DOH PORTABLE
REPLACEMENT
NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE
TITLE SHEET

PROJECT NO.
15-9630
DRAWING
C1

GRADING NOTES

- 1. ALL GRADING AND SITE PREPARATION SHALL CONFORM TO THIS PLAN, APPENDIX J OF CALIFORNIA BUILDING CODE, AND THE KERN COUNTY CODE OF BUILDING REGULATIONS, THESE DOCUMENTS SHALL BE MADE A PART HEREOF.
2. ALL DESIGN ELEVATIONS SHOWN ARE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
3. THE GEOTECHNICAL ENGINEER (DURING CONSTRUCTION), DESIGN ENGINEER, AND BUILDING OFFICIAL SHALL BE NOTIFIED AT LEAST 2 DAYS BEFORE THE START OF ANY WORK AND PRIOR TO PLACING ANY FILL MATERIAL.
...
19. SURFACE DRAINAGE SHALL BE 1% MINIMUM, EXCEPT AS WAIVED BY THE BUILDING OFFICIAL.
20. ALL CUT AND FILL SLOPES SHALL BE 2:1 (2 HORIZONTAL TO 1 VERTICAL) OR FLATTER, UNLESS OTHERWISE NOTED AND APPROVED BY THE GEOTECHNICAL ENGINEER.

GRADING NOTES CONTINUED

- 21. FILL SLOPES SHALL NOT TOE OUT WITHIN 12 FEET HORIZONTALLY OF THE TOP OF EXISTING OR PLANNED CUT SLOPES.
22. ALL SLOPES IN EXCESS OF 3 FEET IN VERTICAL HEIGHT SHALL BE PREPARED AND MAINTAINED TO CONTROL AGAINST EROSION.
23. FOR HILL-SIDE DEVELOPMENT, A BERM OR DRAINAGE SWALE SHALL BE CONSTRUCTED ALONG THE TOP OF ALL CUT AND FILL HILL-SIDE SLOPES TO PREVENT RUNOFF FROM GOING OVER THE SLOPE.
...
30. UPON COMPLETION OF GRADING AND BEFORE THE START OF CONSTRUCTION, A FINAL GEOTECHNICAL INVESTIGATION COVERING THE SITE PREPARATION AND GRADING SHALL BE SUBMITTED TO THE ENGINEER AND BUILDING DEPARTMENT BY THE GEOTECHNICAL ENGINEER.

ON-SITE SEWER SPECIFICATIONS

- 1. SEE OFF-SITE IMPROVEMENT PLANS FOR SEWER CONSTRUCTION WITHIN CITY OF BAKERSFIELD RIGHT OF WAY.
2. ALL MATERIALS INSTALLATION SHALL CONFORM TO CHAPTER 1 OF THE CITY OF BAKERSFIELD SUBDIVISION DESIGN MANUAL AND WITH THE RECOMMENDATIONS OF THE MANUFACTURER.
3. ALL PIPE AND FITTINGS SHALL BE MARKED OR STAMPED WITH THE TRADE BRAND NAME OF THE MANUFACTURER, AND STRENGTH OR CLASS OF PIPE.
...
9. PRIOR TO FINAL ACCEPTANCE OF THE SEWER SYSTEM, ALL ON-SITE LINES SHALL BE INSPECTED WITH VIDEO EQUIPMENT DESIGNED FOR THIS PURPOSE AND AS APPROVED BY THE ENGINEER.

CONCRETE SPECIFICATIONS

- 1. CONCRETE SHALL CONTAIN 505 POUNDS OF CEMENTITIOUS MATERIAL UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER.
2. CONCRETE SHALL CONFORM TO SECTION 90 OF CALTRANS STANDARD PLANS AND SPECIFICATIONS DATED MAY 2010.
3. CEMENT SHALL BE IN CONFORMANCE WITH ASTM C150, TYPE 2 AND SHALL BE ENTIRELY FROM ONE MANUFACTURER.
...
9. COMPACT SUBGRADE UNDER ALL CONCRETE CURBS, FLATWORK, ETC. TO A MINIMUM DEPTH OF 4" TO 90% MAXIMUM DENSITY.

ACCESSIBILITY NOTES

- 1. ACCESSIBILITY NOTES ARE PROVIDED FOR REFERENCE ONLY. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE CALIFORNIA BUILDING CODE AND ADA STANDARDS. THE CONTRACTOR SHALL OBTAIN THE LATEST EDITION THEREOF.
2. CURB RAMPS SHALL BE 8.33% MAXIMUM GRADE.
3. PERPENDICULAR CURB RAMP SIDE SLOPES SHALL NOT EXCEED 10% GRADIENT.
...
11. ALL ACCESSIBLE DOORS SHALL HAVE LEVEL LANDINGS IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, CURRENT EDITION.

ASPHALT CONCRETE NOTES

- 1. THIS SECTION COVERS THE FURNISHING OF LABOR AND EQUIPMENT FOR EXCAVATION, TRENCHING, BACKFILLING AND ALL OTHER EARTHWORK OPERATIONS REQUIRED TO COMPLETE THE INSTALLATION OF ASPHALT PAVING AS INDICATED ON THE DRAWINGS AND HEREIN SPECIFIED.
2. AGGREGATE BASE SHALL BE "CLASS 2" UNLESS OTHERWISE NOTED AND SHALL CONFORM TO THE PROVISIONS IN SECTION 26, "AGGREGATE BASES," OF THE CALTRANS STANDARD SPECIFICATIONS, MAY 2006, UNLESS OTHERWISE NOTED.
...
11. A TINTED PRE-EMERGENT HERBICIDE SHALL BE APPLIED OVER NATURAL GROUND IN ALL AC PAVED PARKING LOT AREAS AND DRIVE AISLES PRIOR TO PLACING ANY BASE OR PAVING.

STORM DRAIN NOTES:

- UNLESS OTHERWISE SPECIFIED ON THESE PLANS, THE STORM DRAIN PIPE SHALL BE ONE OF THE FOLLOWING:
A. REINFORCED CONCRETE PIPE (R.C.P.): REINFORCED CONCRETE PIPE SHALL BE CLASS IV (ASTM C76) AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 65 OF THE CALTRANS STANDARD SPECIFICATIONS DATED MAY 2006.
...
11. ACCEPTABLE CORRUGATED POLYETHYLENE PIPE MANUFACTURER: a. HANCOR "SURE LOK" OR EQUAL.
b. PE PIPE BACKFILL SHALL BE CLASS I OR CLASS II BACKFILL MATERIALS FOR PIPE BEDDING, BACKFILL TO 6" ABOVE TOP OF PIPE.

ON-SITE WATER SPECIFICATIONS

- THE FOLLOWING NOTES SHALL APPLY TO THE ON-SITE WATER SYSTEM (INCLUDING FIRE SERVICE) FROM THE SERVICE CONNECTION TO THE BUILDING. ALL OTHER ASPECTS OF THE ON-SITE WATER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF BAKERSFIELD STANDARDS AND SPECIFICATIONS FOR DOMESTIC WATER SYSTEMS, CURRENT EDITION.
1. CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, LABOR, EQUIPMENT, SUPERVISION AND TESTING NECESSARY FOR A COMPLETE INSTALLATION OF THE WATER SYSTEM.
2. WATER PIPE 4" AND LARGER SHALL MEET THE REQUIREMENTS OF AWWA C900, CLASS 150. JOINTS SHALL HAVE ELASTOMERIC GASKETS AND CONFORM TO ASTM D3139. WATER PIPE 3" AND SMALLER SHALL CONFORM TO ASTM D1785 SCHEDULE 40 AND SHALL HAVE SOLVENT WELDED JOINTS. PIPE SHALL BE INSTALLED IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS.
...
11. CONTRACTOR SHALL COMPLY WITH TRENCHING RECOMMENDATIONS IN SOILS REPORT.

ON-SITE TRENCHING NOTES

- 1. TRENCHING SHALL MEET THE REQUIREMENTS OF CAL-OSHA TRENCHING ORDERS AND THE CONTRACTOR SHALL COMPLY WITH SECTION 6422 OF THE LABOR CODE.
2. TRENCHING SHALL BE BACKFILLED AND COMPACTED PER CITY OF BAKERSFIELD STANDARD DETAIL ST-22.
3. ALL EXISTING PAVING AND SURFACING REMOVED, DAMAGED OR UNDERCUT SHALL BE REPLACED IN ACCORDANCE WITH THE CITY OF BAKERSFIELD STANDARD DETAIL ST-6.
...
11. CONTRACTOR SHALL COMPLY WITH TRENCHING RECOMMENDATIONS IN SOILS REPORT.

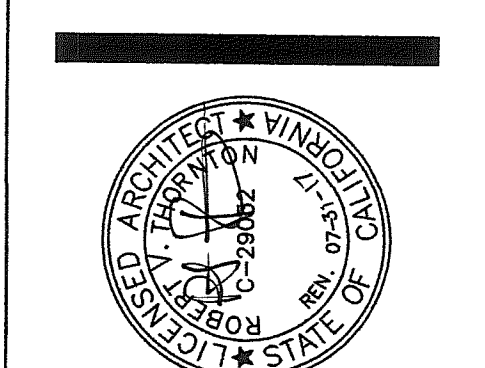
NOTE TO CONTRACTOR

ALL MANHOLES AND CLEANOUTS WITHIN DEVELOPMENT, INCLUDING EXISTING MANHOLES, SHALL BE ADJUSTED TO FINISH GRADE IN ACCORDANCE WITH CITY OF BAKERSFIELD STANDARDS. EXISTING MANHOLES MAY REQUIRE REMOVAL OF EXISTING CONE, AND REMOVAL OR "CHANGE OUT" OF BARREL RINGS.
THE PROVIDED WATER NOTES ARE GUIDELINES ONLY. THE CONTRACTOR SHALL OBTAIN THE LATEST SET OF DETAILS AND SPECIFICATIONS FROM THE CITY OF BAKERSFIELD DOMESTIC WATER DIVISION PRIOR TO ANY CONSTRUCTION. CONTACT WATER MANAGER AT (661)326-3715.

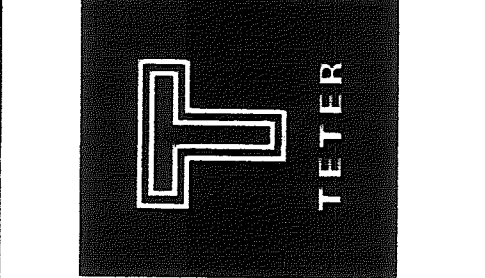
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DATE: NOV 10 2015



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1200 INDEPENDENT DR. | 1601 INDEPENDENT, CA 92689 | 661.843.9000
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DOH PORTABLE REPLACEMENT
NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE
NOTES

PROJECT NO. 15-9630

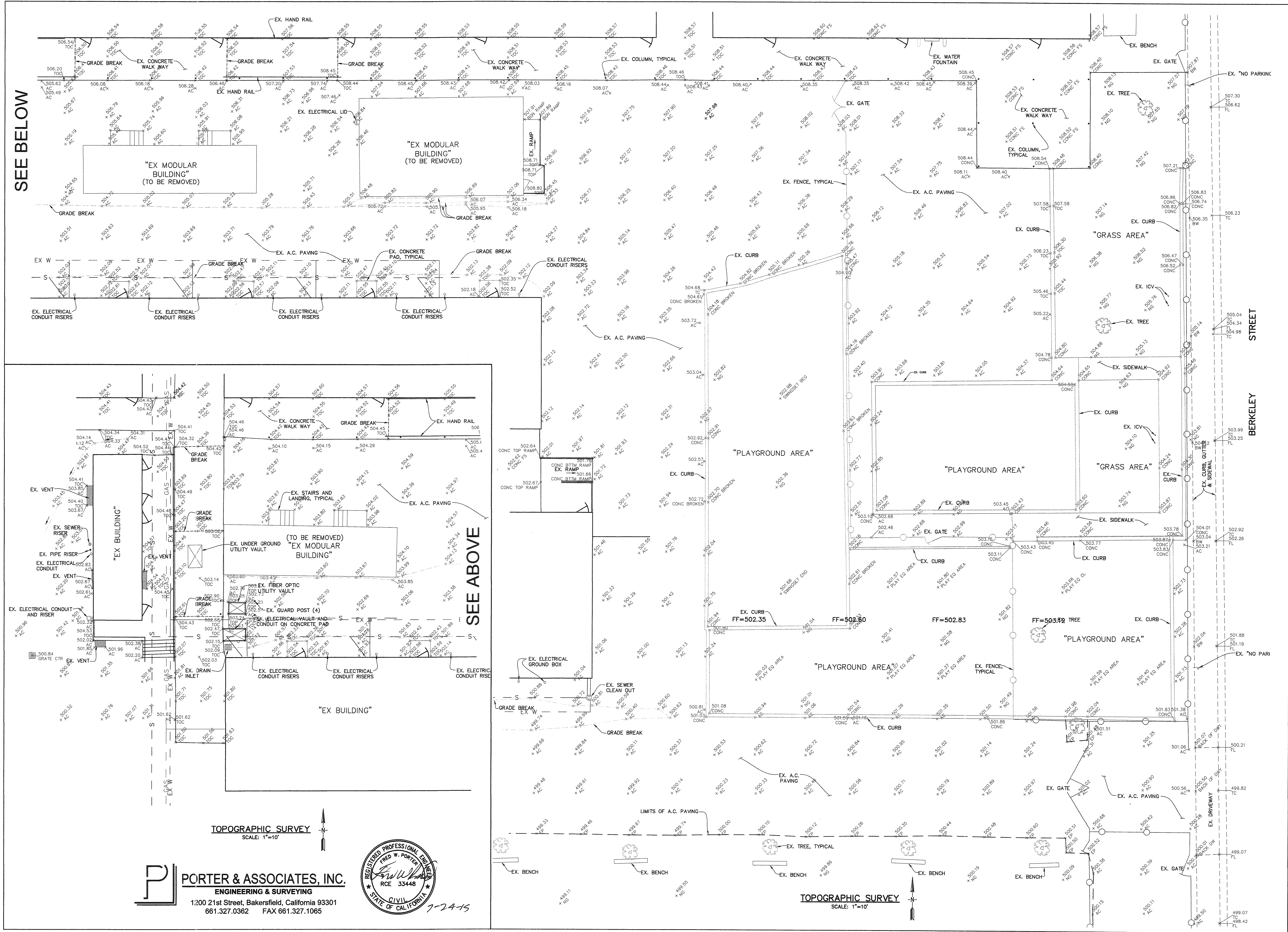
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PORTER & ASSOCIATES, INC.
ENGINEERING & SURVEYING
1200 21st Street, Bakersfield, California 93301
661.327.0362 FAX 661.327.1065



DATE: 7/26/15

SEE BELOW



TOPOGRAPHIC SURVEY
SCALE: 1"=10'

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1200 21st Street, Bakersfield, California 93301
661.327.0362 FAX 661.327.1065



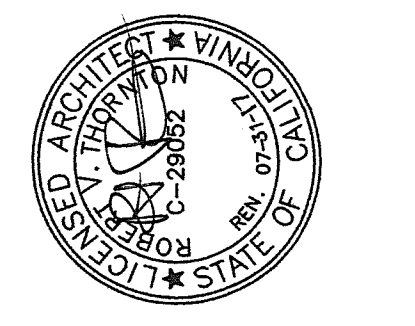
TOPOGRAPHIC SURVEY
SCALE: 1"=10'

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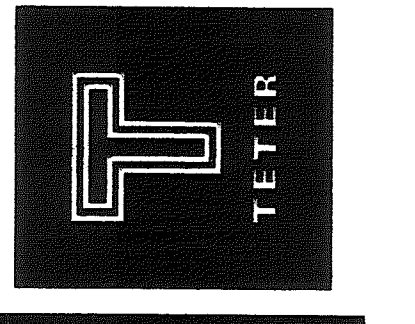
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125 S. BRIDGE ST. 100 | VISALIA, CA 93291 | 867-438-8244
1200 DISCOVERY DR. | HANFORD, CA 93230 | 867-438-8244
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BAKERSFIELD, CA
DRAWING TITLE
TOPOGRAPHIC SURVEY

PROJECT NO.

15-9630

DRAWING

C3

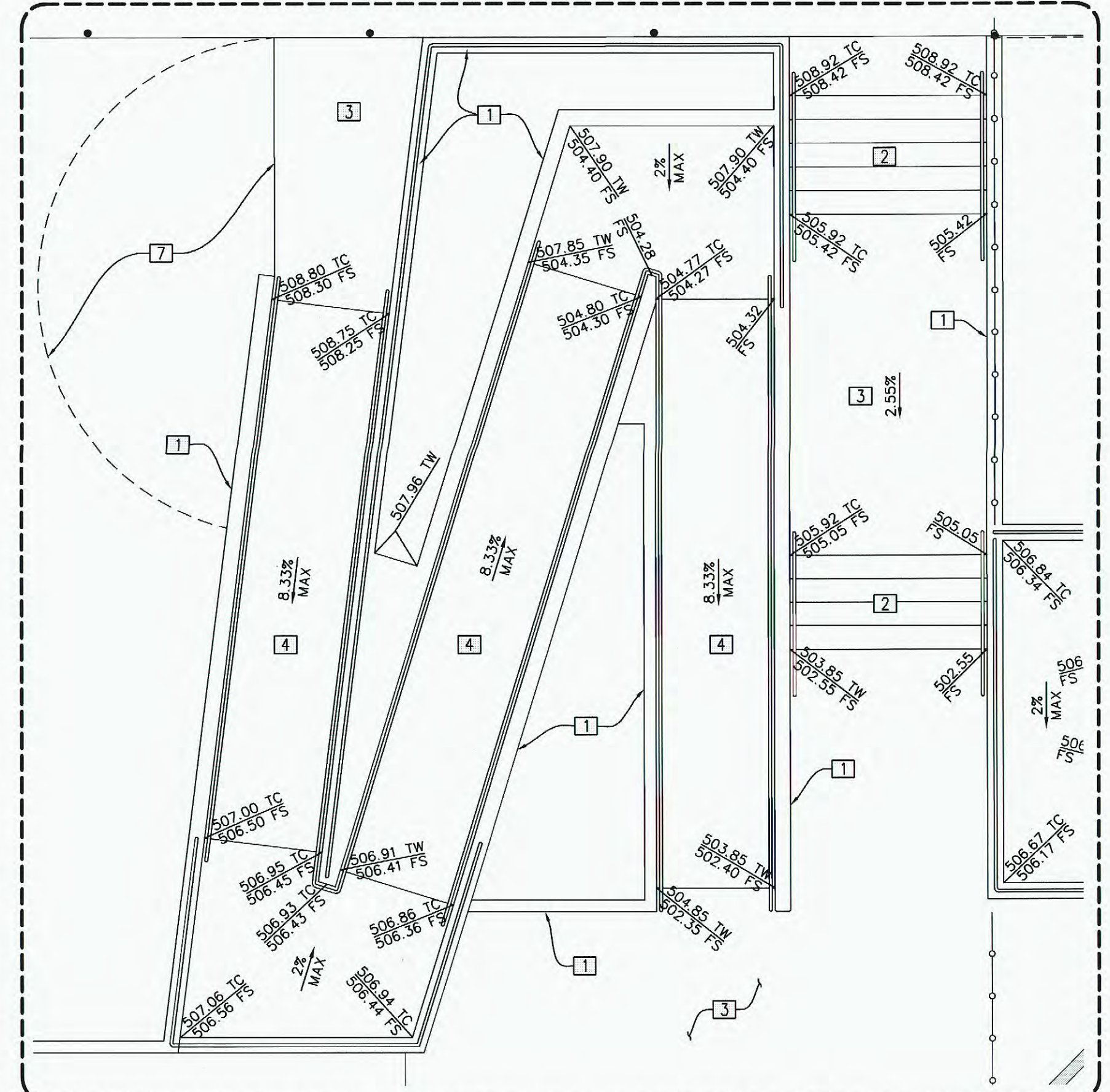
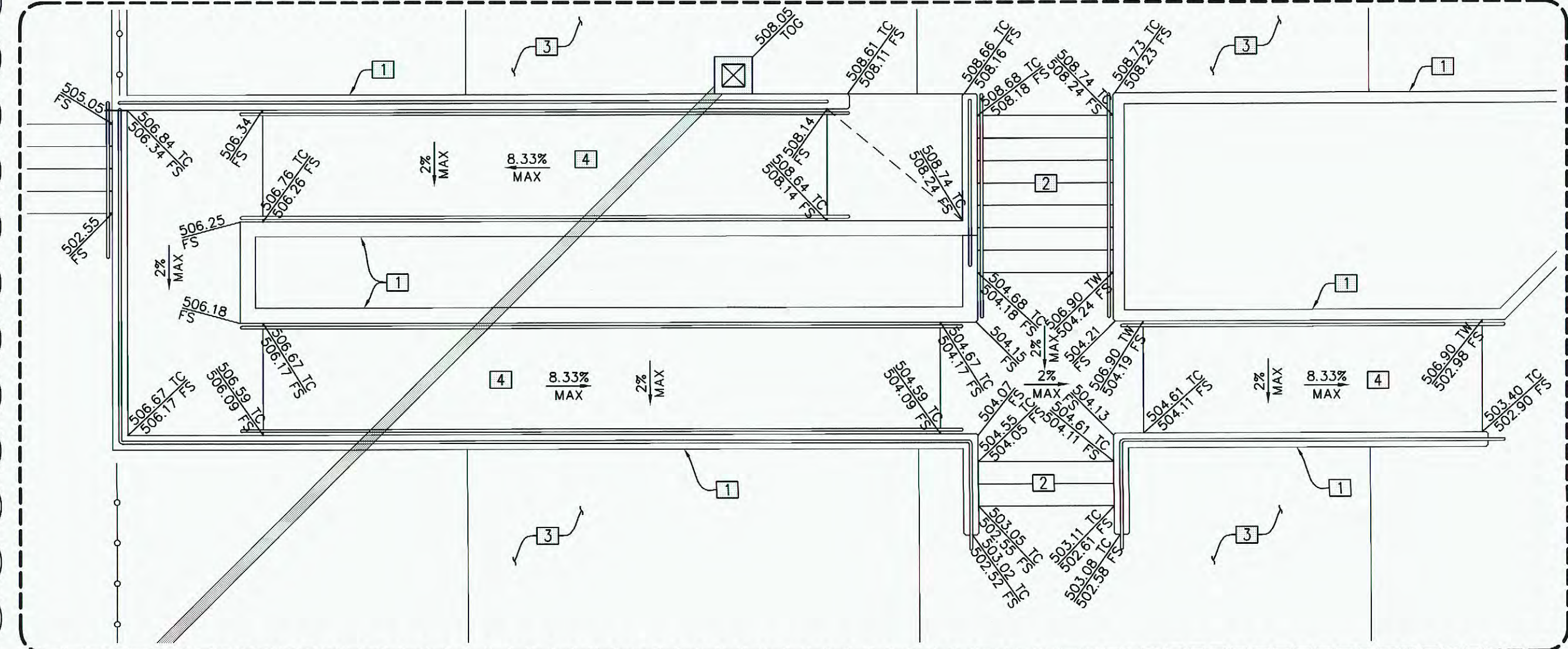
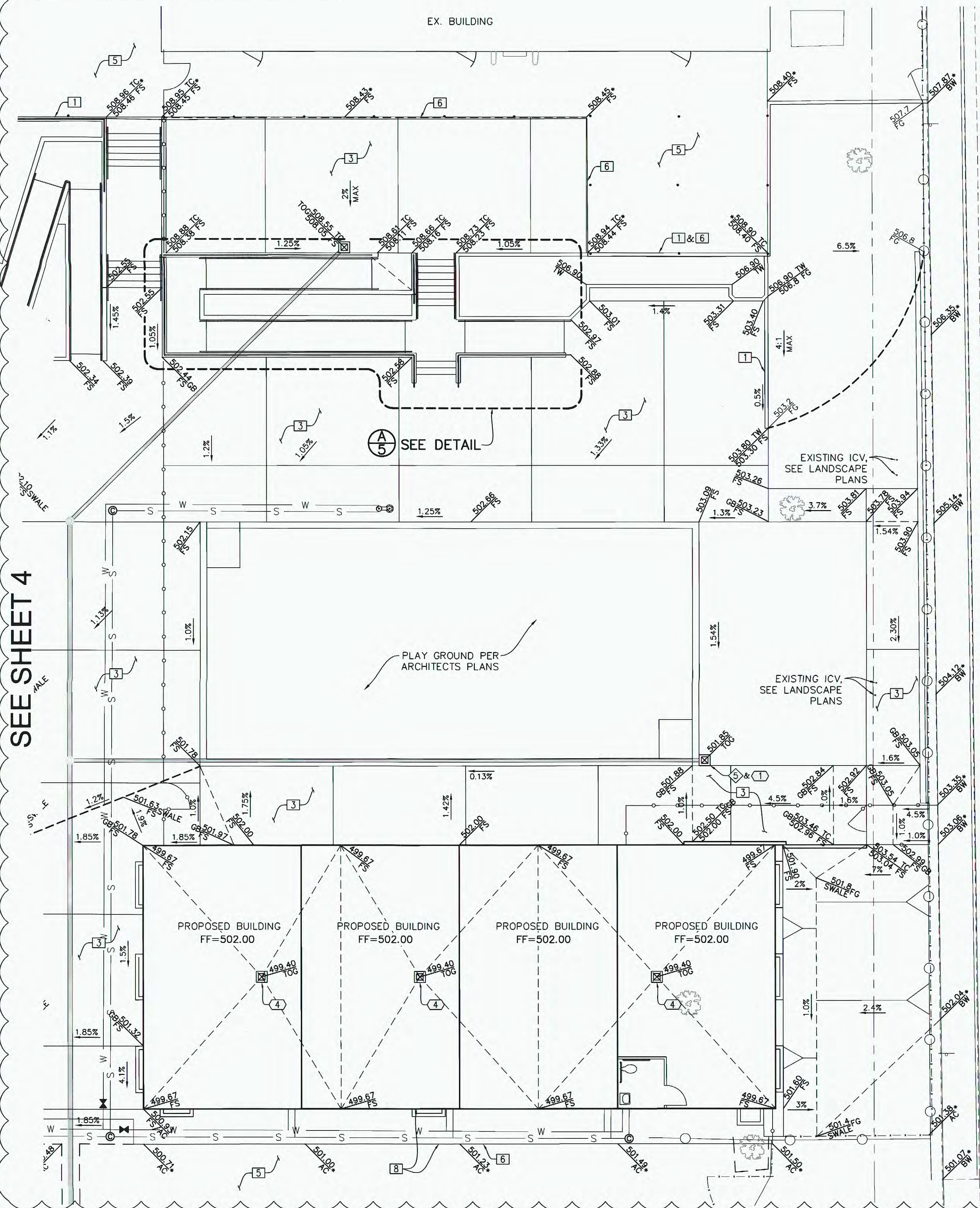
LEGEND

	EDGE OF PAVEMENT SAWCUT LINE
	EXISTING WATER LINE
	PROPOSED WATER LINE
	EXISTING SEWER LINE
	PROPOSED SEWER LINE
	EXISTING GAS LINE
	PROPOSED SEWER CLEANOUT
	EXISTING ELECTRICAL LID
	RELOCATE PER ELECTRICAL PLANS
	EXISTING GRADE
	DESIGN GRADE
	DESIGN SLOPE
	EXISTING TREE (SEE LANDSCAPE PLANS)

- GRADING CONSTRUCTION NOTES**
- CONSTRUCT CONCRETE CURB PER DETAIL (A/C4) OR RETAINING WALL. SEE ARCHITECT'S PLANS FOR ADDITIONAL DETAILS.
 - CONSTRUCT EQUAL HEIGHT RISERS PER ARCHITECT'S PLANS.
 - CONSTRUCT 4" THICK CONCRETE WALK AND/OR FLAT WORK PER ARCHITECT'S PLAN. REFER TO ARCHITECT'S PLAN FOR DIMENSIONS NOT SHOWN.
 - CONSTRUCT 4" THICK CONCRETE ACCESSIBLE RAMP. REFER TO ARCHITECT'S PLANS FOR RAMP DETAILS.
 - EXISTING CONCRETE TO REMAIN, PROTECT IN PLACE.
 - SAWCUT TO NEAT, CLEAN VERTICAL FACE.
 - FEATHER PATCH AC TO MATCH EXISTING @ 5% MAX SLOPE.
 - PATCH ASPHALT WITH 2" A.C. PAVING OVER 4" CLASS II AGGREGATE BASE OVER 12" NAT. GRD. COMPACTED TO 95% MAX DENSITY.

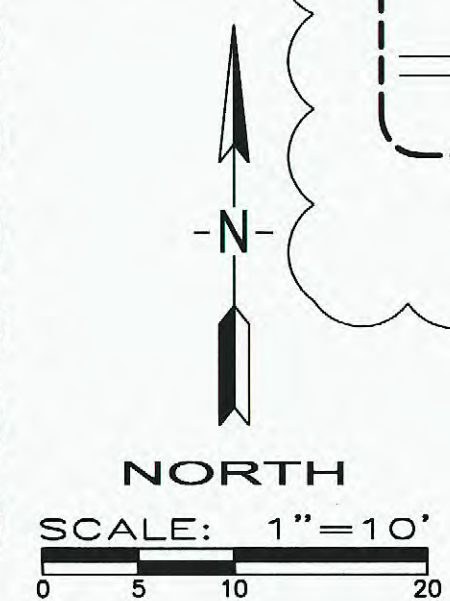
- NOTES:**
- WARP CONCRETE TO CALIFORNIA PUBLIC ACCESSIBILITY STANDARDS TO MATCH FINISHED FLOOR AT ALL BUILDING ACCESS OPENINGS.
 - SEE ARCHITECT'S PLANS FOR ALL DIMENSIONS NOT SHOWN.
 - ALL EXISTING FEATURES ARE HALF TONED.
 - SEE SHEET 4 FOR STORM DRAIN INVERT TABLE AND STORM DRAIN PIPELINE TABLE.
- CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLES, CLEANOUTS, JUNCTION BOXES, VALVE COVERS, MONUMENT ENCASEMENTS, ETC. TO FINISHED GRADE PER COUNTY STANDARDS. CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING UTILITIES WITH UTILITY OWNER. CONTRACTOR SHALL OBTAIN COUNTY ENCROACHMENT PERMIT FOR ALL WORK WITHIN COUNTY RIGHT-OF-WAY AND EASEMENTS.
- EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN BASED ON AVAILABLE RECORDS PROVIDED BY THE OWNER. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

- STORM DRAIN CONSTRUCTION NOTES**
- INSTALL STORM DRAIN PIPE PER TABLE ON THIS SHEET.
 - STORM DRAIN INVERTS PER TABLE ON THIS SHEET.
 - INSTALL CHRISTY U21 DRAIN BOX OUTLET BUBBLER WITH DRY WELL PER DETAIL (C4).
 - INSTALL PVC PIPE WYE, TEE OR ELL (SEE PIPELINE TABLE FOR SIZE)
 - CONSTRUCT 4" STORM DRAIN CLEANOUT PER DETAIL (C6).
 - CONSTRUCT CHRISTY V12 DRAIN BOX DRY WELL PER DETAIL (X/XX).
- NOTES:** 1. SEE SHEET C4 FOR STORM DRAIN INVERT TABLE AND STORM DRAIN PIPELINE TABLE.



SEE SHEET 4

BERKELEY STREET



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LOS ANGELES REGIONAL OFFICE
SS: DF/LS AC
DATE: JUL 24 2011

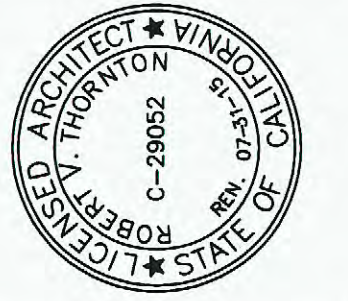
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661.327.0362 FAX 661.327.1065

REGISTERED PROFESSIONAL ENGINEER
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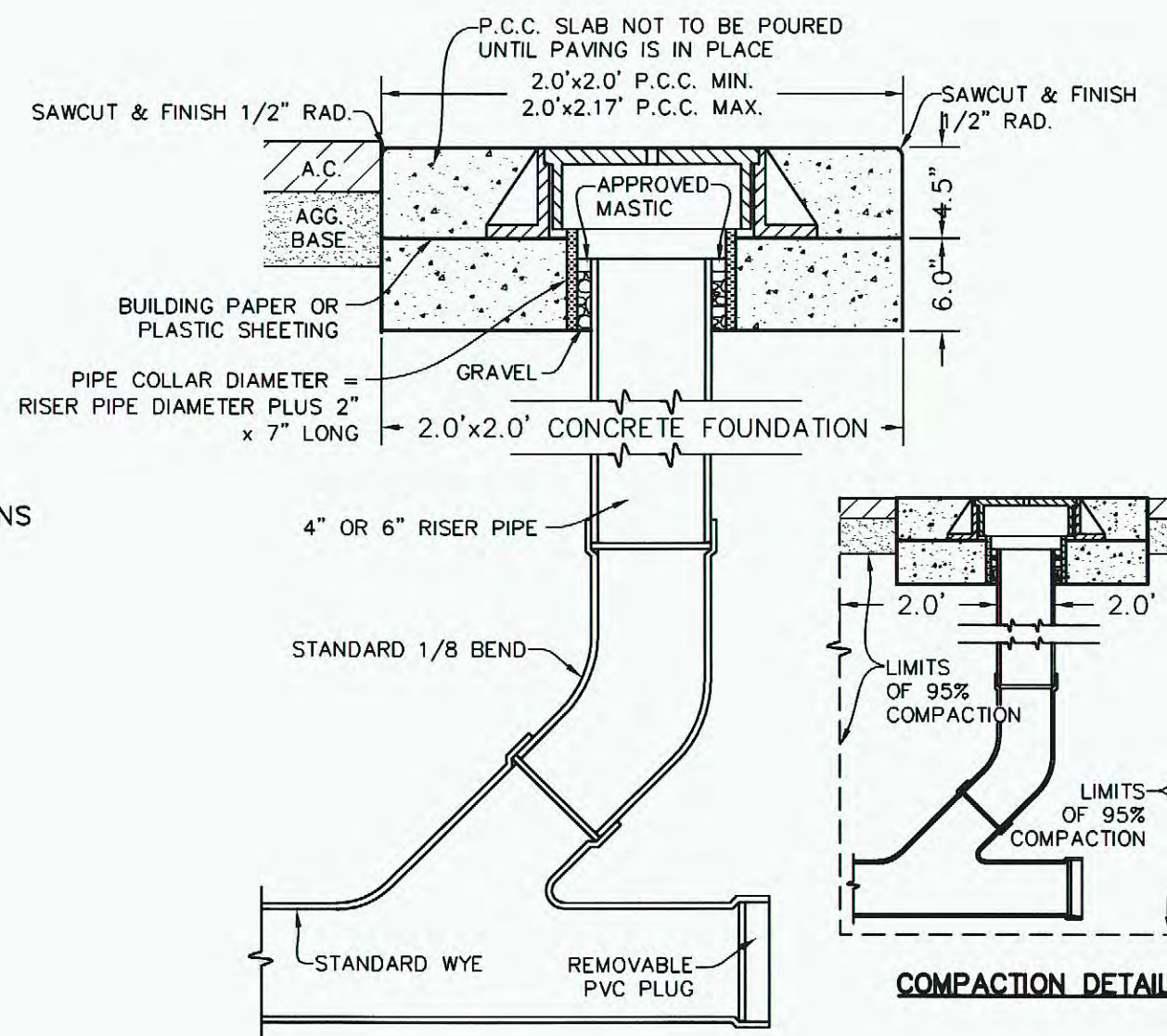


DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE
GRADING PLAN-EAST HALF

PROJECT NO. 15-9630
DRAWING **C5**

LEGEND

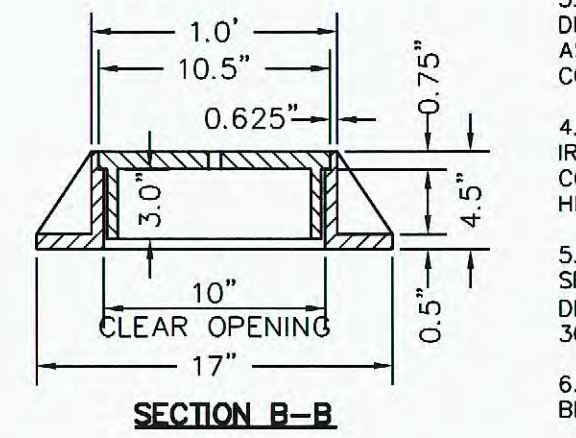
- EDGE OF PAVEMENT
- SAWCUT LINE
- EX W --- EXISTING WATER LINE
- W --- PROPOSED WATER LINE
- S --- EXISTING SEWER LINE
- S --- PROPOSED SEWER LINE
- GAS --- EXISTING GAS LINE
- GAS --- PROPOSED SEWER CLEANOUT
- EXISTING ELECTRICAL LID
- RELOCATE PER ELECTRICAL PLANS
- EXISTING GRADE
- DESIGN GRADE
- DESIGN SLOPE
- EXISTING TREE (SEE LANDSCAPE PLANS)



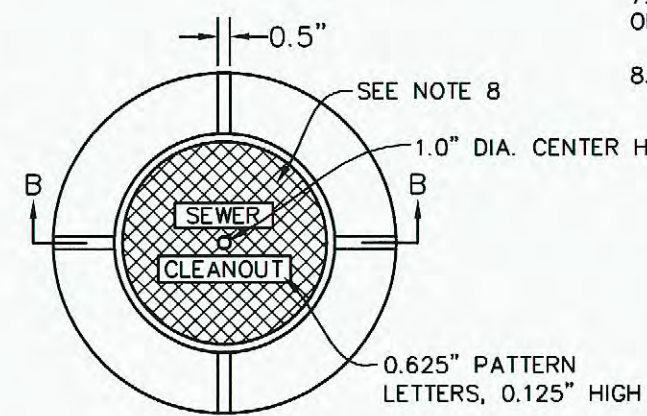
CLEANOUT SECTION

CLEANOUT NOTES:

1. ALL WORK SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE SPECIFICATIONS ENTITLED "STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, BUSINESS AND TRANSPORTATION AGENCY, DEPARTMENT OF TRANSPORTATION", APPROVED CURRENT EDITION.
2. ALL CONCRETE SHALL BE CLASS "A".
3. CONCRETE SHALL HAVE NO ADDITIVES UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER.
4. CONCRETE SHALL BE CURED WITH A WHITE PIGMENTED CURING COMPOUND PER SEC. 90-7.01B OF THE STANDARD SPECS.
5. TOP OF SLAB SHALL BE TROWELED SMOOTH AND GIVEN A LIGHT BROOM FINISH.
6. 95% RELATIVE COMPACTION IS REQUIRED FOR ALL BACKFILL WITHIN 24" OF THE RISER PIPE.
7. BUILDING PAPER OR PLASTIC SHALL BE PLACED BETWEEN THE 6" CONCRETE FOUNDATION AND 4.5" SLAB.
8. FILL CAVITY BETWEEN PIPE AND COLLAR WITH GRAVEL TO WITHIN 1/2" OF TOP OF PIPE. CAULK REMAINING 1/2" WITH APPROVED MASTIC TO TOP OF PIPE FOR WATER TIGHT SEAL.
9. COLLAR SHALL BE VCP, ABS, OR PVC PIPE.
10. FINISHED PCC SLAB TO BE 1/8" MIN. AND 1/4" MAX. BELOW FINISHED PAVING SURFACE.



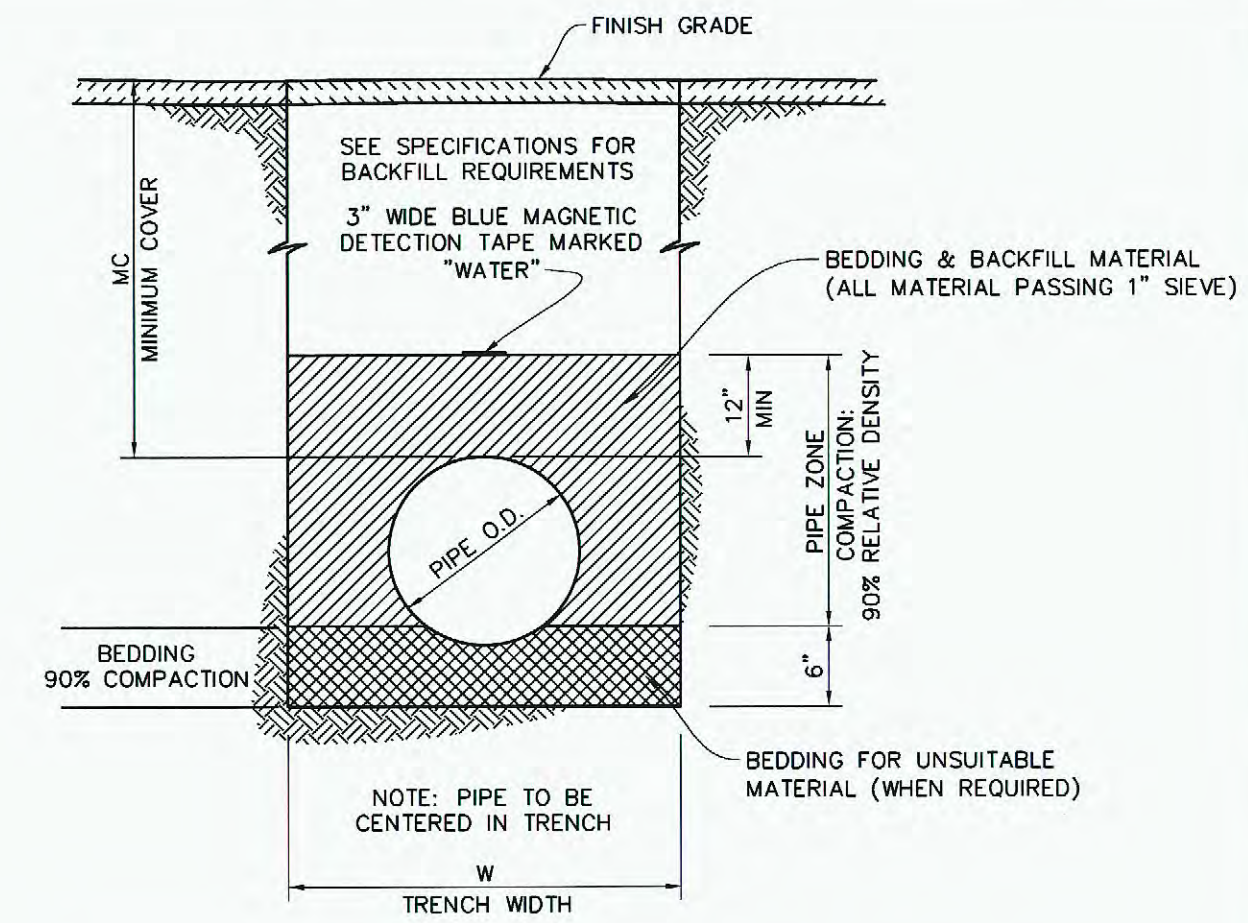
SECTION B-B



CLEANOUT FRAME & COVER

CLEANOUT COVER NOTES:

1. ALL FRAMES AND COVERS SHALL BE TESTED FOR ACCURACY OF FIT AND SHALL BE MARKED IN SETS PRIOR TO DELIVERY.
2. THE SEATS OF FRAMES AND BEARING FACES OF THE COVERS SHALL BE MACHINED FOR A SMOOTH NON-ROCKING FIT BETWEEN THE TWO CASTINGS.
3. CASTINGS SHALL BE THOROUGHLY CLEANED AND DIPPED TWICE IN A QUICK-DRYING, JET-BLACK ASPHALTIC COMPOUND TO PROVIDE A PROTECTIVE COATING.
4. ALL FRAMES AND COVERS SHALL BE GRAY CAST IRON, FREE FROM WARPS, CRACKS, HOLES, SWELLS, AND COLD-SHOT, AND SHALL HAVE A WORKMANLIKE FINISH. HIGHWAY LOADING SHOULD BE HS 20-44.
5. CASTING SHALL CONFORM TO THE PROVISIONS OF THE SPECIFICATIONS FOR GRAY-IRON CASTINGS, SERIAL DESIGNATION ASTM: A-48 (LATEST REVISION), CLASS No. 30B.
6. THE NAME OF THE MANUFACTURING COMPANY SHALL BE ON THE UNDERSIDE OF THE COVER.
7. ASSEMBLY SHALL BE DESIGNED FOR HIGHWAY LOADING OF HS 20-44.
8. 2.0"x1.0" DIAMOND MAT 0.125" DEEP.



TRENCH DIMENSIONS		
PIPE SIZE	W	MC
4"	22"	30"
6"	24"	30"
8"	30"	30"
10", 12"	36"	36"

NOTE: EMBEDMENT MATERIALS SHALL BE CLASS I OR II PER A.S.T.M. D2321 MAX SIZE=1"

TYPICAL PVC PIPE TRENCH SECTION

SEWER CONSTRUCTION NOTES

1. TIE INTO EXISTING SEWER. MINIMUM DEPTH OF SEWER SHALL BE 4.33' FROM TOP OF EXISTING CLEANOUT AND MINIMUM SIZE SHALL BE 4". CONTRACTOR SHALL VERIFY SIZE, LOCATION AND DEPTH OF SEWER IN FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES. IF MINIMUM SIZE AND DEPTH ARE NOT ACCEPTABLE, CONTRACTOR SHALL PROVIDE BID FOR ALTERNATE CONSTRUCTION AS SHOWN ON PLAN.
2. CONSTRUCT 4" PVC SEWER AT MINIMUM 1% SLOPE (DISTANCES SHOWN). CONTRACTOR SHALL ENSURE 1 FOOT MINIMUM HORIZONTAL SEPARATION FROM PROPOSED WATER LINE AND 1 FOOT MINIMUM VERTICAL SEPARATION BELOW PROPOSED WATER LINE.
3. STUB SEWER TO BUILDING. CONTRACTOR SHALL COORDINATE SIZE AND LOCATIONS WITH MODULAR BUILDING PLANS.
4. CONSTRUCT 4" SEWER CLEANOUT PER DETAIL (A/C6) (MAX 100' SPACING)

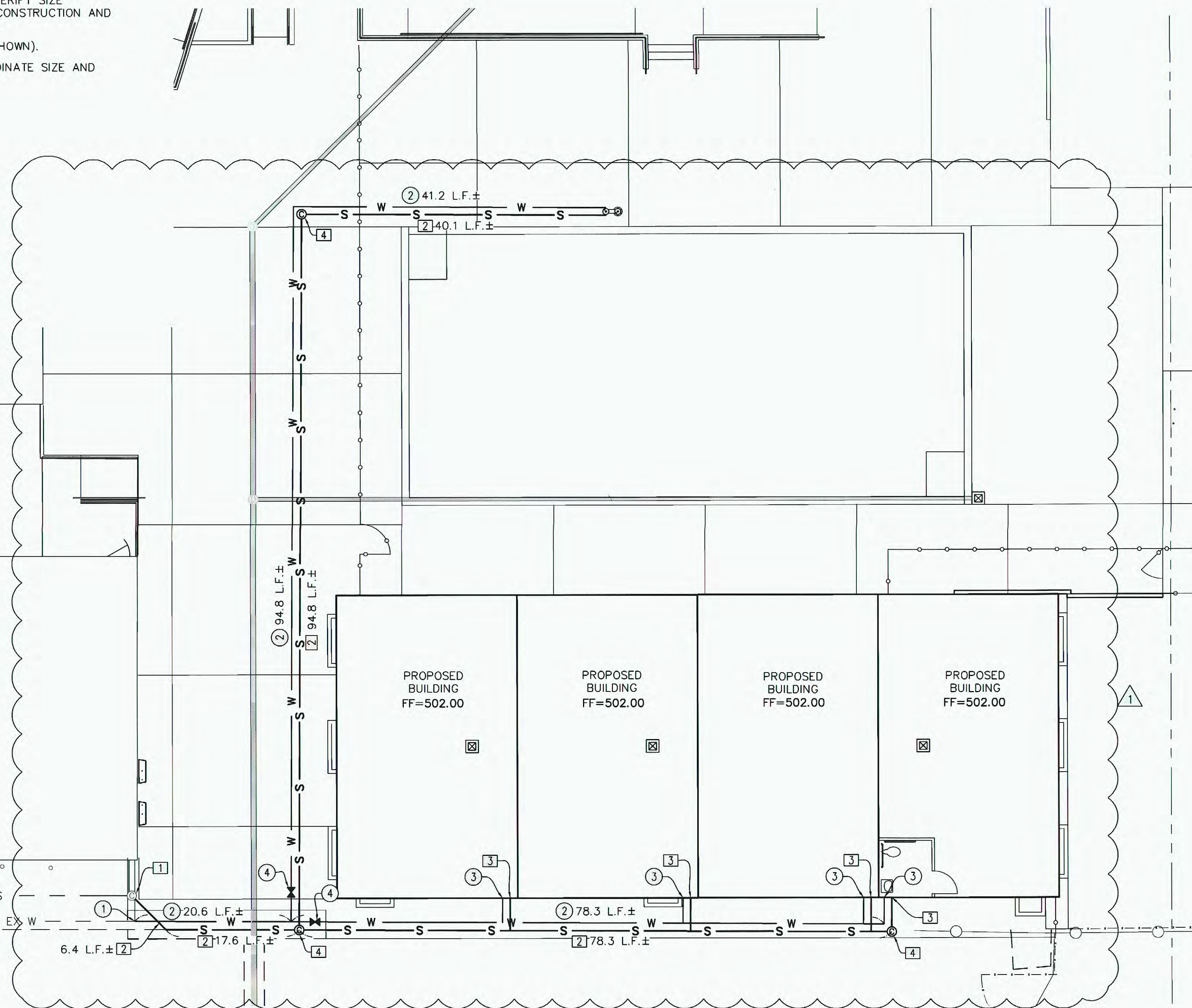
NOTES:

1. BUILDING PLUMBER SHALL INSTALL SEWER CLEANOUTS AT BUILDING
2. BUILDING PLUMBER SHALL INSTALL WATER VALVE AT BUILDING
3. CONTRACTOR SHALL INSTALL ALL ELBOWS, TEES & APPURTENANCES AS NECESSARY TO FURNISH A COMPLETE PROJECT
4. CONTRACTOR SHALL ENSURE POSITIVE FLOW ON ALL SEWER PIPE PRIOR TO BACKFILLING

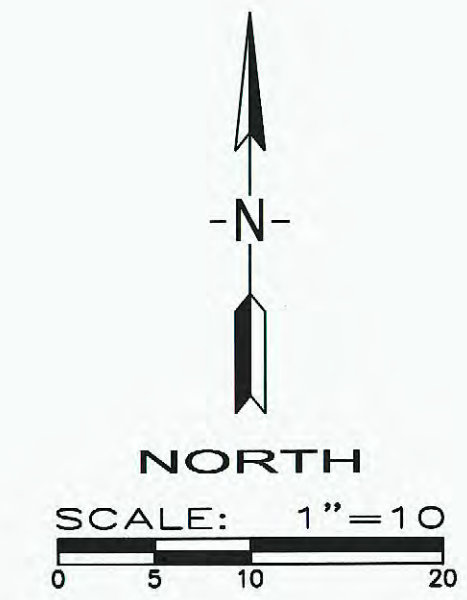
WATER CONSTRUCTION NOTES

1. TIE INTO EXISTING WATER LINE. CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF EXISTING LINE IN FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
2. INSTALL 2" PVC DOMESTIC WATER LINE (DISTANCES SHOWN).
3. STUB WATER TO BUILDING CONTRACTOR SHALL COORDINATE SIZE AND LOCATIONS WITH MODULAR BUILDING PLANS.
4. INSTALL SHUT OFF VALVE IN VALVE BOX WITH LID.

SEWER/STORM DRAIN CLEANOUT DETAIL



APPROVED
DIV. OF THE STATE ARCHITECT
LOS ANGELES REGIONAL OFFICE
SS *JH* FLS *RO*
DATE JUL 24 2017
03116415



REGISTERED PROFESSIONAL ENGINEER
FRED W. PORTER
RCE 33448
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STATE OF CALIFORNIA

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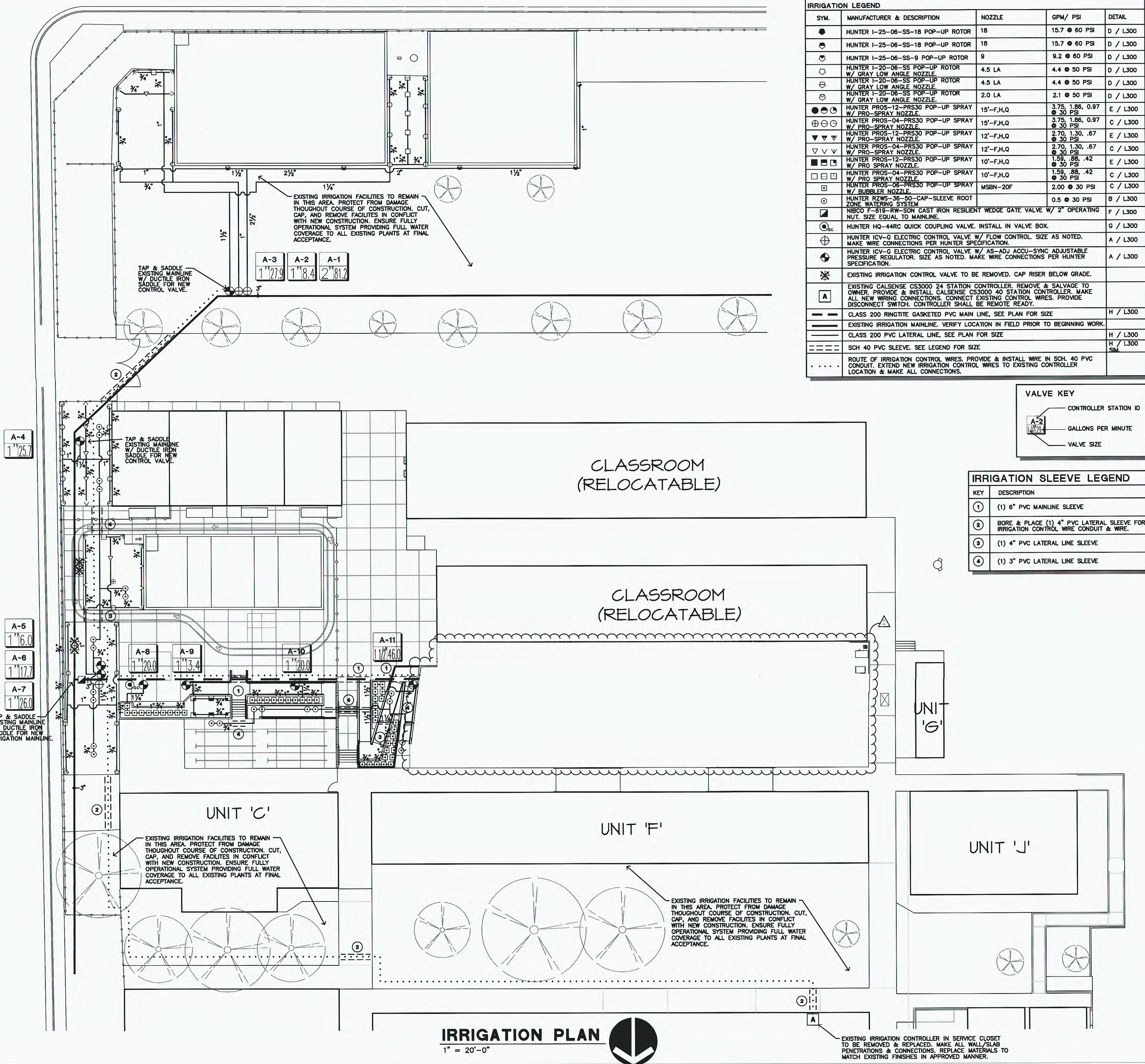


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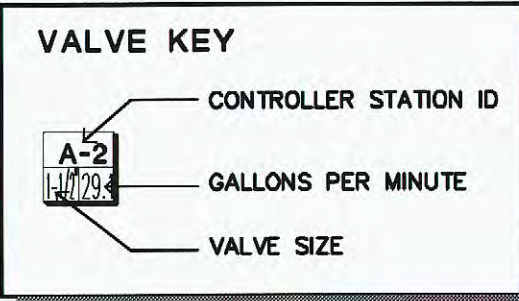


DOH PORTABLE
REPLACEMENT
NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE
SEWER AND WATER PLAN

PROJECT NO. 15-9630
DRAWING C6



SYM.	MANUFACTURER & DESCRIPTION	NOZZLE	GPM/ PSI	DETAIL
●	HUNTER I-25-06-SS-18 POP-UP ROTOR	18	15.7 @ 60 PSI	D / L300
○	HUNTER I-25-06-SS-18 POP-UP ROTOR	18	15.7 @ 60 PSI	D / L300
○	HUNTER I-25-06-SS-9 POP-UP ROTOR	9	9.2 @ 60 PSI	D / L300
○	HUNTER I-20-06-SS POP-UP ROTOR W/ GRAY LOW ANGLE NOZZLE	4.5 LA	4.4 @ 50 PSI	D / L300
○	HUNTER I-20-06-SS POP-UP ROTOR W/ GRAY LOW ANGLE NOZZLE	4.5 LA	4.4 @ 50 PSI	D / L300
○	HUNTER I-20-06-SS POP-UP ROTOR W/ GRAY LOW ANGLE NOZZLE	2.0 LA	2.1 @ 50 PSI	D / L300
●	HUNTER PROS-12-PRS30 POP-UP SPRAY W/ PRO-SPRAY NOZZLE	15'-F,H,Q	3.75, 1.86, 0.97 @ 30 PSI	E / L300
●	HUNTER PROS-04-PRS30 POP-UP SPRAY W/ PRO-SPRAY NOZZLE	15'-F,H,Q	3.75, 1.86, 0.97 @ 30 PSI	C / L300
▽	HUNTER PROS-12-PRS30 POP-UP SPRAY W/ PRO-SPRAY NOZZLE	12'-F,H,Q	2.70, 1.30, .67 @ 30 PSI	E / L300
▽	HUNTER PROS-04-PRS30 POP-UP SPRAY W/ PRO-SPRAY NOZZLE	12'-F,H,Q	2.70, 1.30, .67 @ 30 PSI	C / L300
■	HUNTER PROS-12-PRS30 POP-UP SPRAY W/ PRO-SPRAY NOZZLE	10'-F,H,Q	1.59, .88, .42 @ 30 PSI	E / L300
■	HUNTER PROS-04-PRS30 POP-UP SPRAY W/ PRO-SPRAY NOZZLE	10'-F,H,Q	1.59, .88, .42 @ 30 PSI	C / L300
□	HUNTER PROS-08-PRS30 POP-UP SPRAY W/ BUBBLER NOZZLE	MSBN-20F	2.00 @ 30 PSI	C / L300
○	HUNTER RZWS-36-50-CAP-SLEEVE ROOT ZONE WATERING SYSTEM		0.5 @ 30 PSI	B / L300
■	HIBCO F-512-RW-SOW CAST IRON RESILIENT WEDGE GATE VALVE W/ 2" OPERATING NUT. SIZE EQUAL TO MAINLINE.			F / L300
○	HUNTER HQ-44RC QUICK COUPLING VALVE. INSTALL IN VALVE BOX.			G / L300
⊕	HUNTER ICV-0 ELECTRIC CONTROL VALVE W/ FLOW CONTROL. SIZE AS NOTED. MAKE WIRE CONNECTIONS PER HUNTER SPECIFICATION.			A / L300
⊕	HUNTER ICV-0 ELECTRIC CONTROL VALVE W/ AS-ADJ ACCU-SYNC ADJUSTABLE PRESSURE REGULATOR. SIZE AS NOTED. MAKE WIRE CONNECTIONS PER HUNTER SPECIFICATION.			A / L300
✱	EXISTING IRRIGATION CONTROL VALVE TO BE REMOVED. CAP RISER BELOW GRADE.			
A	EXISTING CALSENSE CS3000 24 STATION CONTROLLER. REMOVE & SALVAGE TO OWNER. PROVIDE & INSTALL CALSENSE CS3000 40 STATION CONTROLLER. MAKE ALL NEW WIRING CONNECTIONS. CONNECT EXISTING CONTROL WIRES. PROVIDE DISCONNECT SWITCH. CONTROLLER SHALL BE REMOTE READY.			
---	CLASS 200 RINGITE GASKETED PVC MAIN LINE. SEE PLAN FOR SIZE			H / L300
---	EXISTING IRRIGATION MAINLINE. VERIFY LOCATION IN FIELD PRIOR TO BEGINNING WORK.			
---	CLASS 200 PVC LATERAL LINE. SEE PLAN FOR SIZE			H / L300
---	SCH 40 PVC SLEEVE. SEE LEGEND FOR SIZE			H / L300
.....	ROUTE OF IRRIGATION CONTROL WIRES. PROVIDE & INSTALL WIRE IN SCH. 40 PVC CONDUIT. EXTEND NEW IRRIGATION CONTROL WIRES TO EXISTING CONTROLLER LOCATION & MAKE ALL CONNECTIONS.			SM



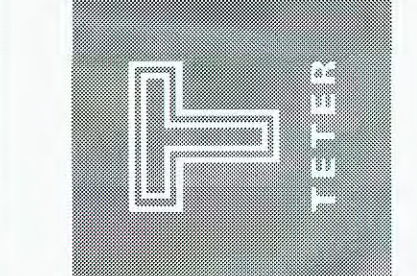
KEY	DESCRIPTION
①	(1) 6" PVC MAINLINE SLEEVE
②	BORE & PLACE (1) 4" PVC LATERAL SLEEVE FOR IRRIGATION CONTROL WIRE CONDUIT & WIRE.
③	(1) 4" PVC LATERAL LINE SLEEVE
④	(1) 3" PVC LATERAL LINE SLEEVE

- IRRIGATION NOTES**
- LATERAL LINES SHALL BE CLASS 200 PVC.
 - ADJUST ALL IRRIGATION HEADS TO ELIMINATE OVERSPRAY ON ADJACENT HARD SURFACE AREAS. PROVIDE ADJUSTABLE ARC NOZZLE FOR IRRIGATION HEADS WHERE OVERSPRAY IS EXCESSIVE. PROVIDE CHECK VALVES WHERE NEEDED TO PREVENT LOW HEAD DRAINAGE.
 - PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE.
 - IRRIGATION SYSTEM DESIGN: 120 G.P.M. @ 70 PSI AT POINT OF CONNECTION.
 - DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY AT NO EXPENSE TO THE OWNER.
 - SPLICING OF 24 VOLT WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 24" COIL OF EXCESS WIRE AT EACH SPLICE. LABEL ALL WIRES W/ WATERPROOF MARKERS AT ALL SPLICES. VALVE MANIFOLDS AND CONTROLLER.
 - INSTALL VALVE BOXES 12" FROM AND PERPENDICULAR TO WALKS, CURB, LAWN, BUILDINGS OR LANDSCAPE FEATURES. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, LAWN, ETC. AND EACH BOX SHALL BE 6" APART. SHORT SIDE OF THE VALVE BOX SHALL BE PARALLEL TO WALK, CURB, LAWN ETC. INSTALL ONE VALVE PER BOX ONLY.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL MATERIAL APPEARING ON PLAN.
 - CONCRETE THRUST BLOCKS SHALL BE PROVIDED ON ALL MAINLINE PIPING. THEY ARE TO BE LOCATED AT ALL ABRUPT CHANGES IN PIPELINE GRADE, CHANGES TO HORIZONTAL ALIGNMENT, REDUCTION IN PIPE SIZES, END OF LINE AND IN-LINE VALVES TO ABSORB ANY AXIAL THRUST OF THE PIPE. THE PIPE MANUFACTURER'S RECOMMENDATIONS FOR THRUST BLOCKS MUST BE FORMED AGAINST UNDISTURBED EARTH.
 - ALL MAIN LINE PIPES SHALL BE PRESSURE TESTED PER STANDARD IRRIGATION SPECIFICATIONS WITH THE VALVES INSTALLED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT NEEDED. IF ANY LEAKS DEVELOP, THE REPAIRS ARE TO BE MADE AND TEST REPEATED UNTIL THE SYSTEM IS PROVEN WATERTIGHT. THE CONTRACTOR IS TO CENTER LOAD THE PIPE AND LEAVE ALL JOINTS EXPOSED FOR INSPECTION. THE PRESSURE TEST SHALL BE OBSERVED AND APPROVED BY THE INSPECTOR. WHEN THE PIPE IS PROVEN WATERTIGHT AND ONLY THEN MAY THE LINE BE BACKFILLED.
 - THE CONTRACTOR SHALL PROVIDE AND KEEP AN UP-TO-DATE "RECORD DRAWING" SHOWING ALL CHANGES TO THE ORIGINAL DRAWINGS AND EXACT LOCATIONS OF FACILITIES INSTALLED, BEFORE FINAL INSPECTION. THE CONTRACTOR SHALL FURNISH "RECORD DRAWINGS" TO THE PROJECT INSPECTOR.
 - THE CONTRACTOR SHALL PROVIDE ONE CONTROLLER CHART FOR EACH CONTROLLER INSTALLED. THE CHART SHALL SHOW THE AREA IRRIGATED BY THE CONTROLLER AND SHALL BE THE MAXIMUM SIZE THE CONTROLLER DOOR WILL ALLOW. THE CHART MAY BE REDUCED DRAWING OF THE RECORD DRAWINGS. THE CHART SHALL BE COLORED WITH A DIFFERENT COLOR FOR EACH STATION. THE CHART SHALL BE LAMINATED OR COVERED IN A WATERTIGHT ENVELOPE.
 - THE CONTRACTOR SHALL PROVIDE TWO (2) INDIVIDUALLY BOUND SETS OF OPERATION AND MAINTENANCE MANUALS. REFER TO SPECIFICATION SECTION 32 84 00 FOR INFORMATION REQUIREMENTS.
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING A COMPLETE, FUNCTIONING IRRIGATION SYSTEM AS DIRECTED BY THE OWNER. CONTRACTOR SHALL FURNISH ALL APPURTENANT ITEMS, MATERIALS, LABOR, EQUIPMENT NECESSARY TO PROVIDE A COMPLETELY FUNCTIONAL IRRIGATION SYSTEM WHETHER SOLELY SHOWN OR CALLED FOR ON PLANS & SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INCLUDE SUCH ITEMS IN THEIR PRICE FOR THE WORK. NO ADDITIONAL COMPENSATION WILL BE AUTHORIZED FOR WORK DEEMED INCLUDED IN THE CONTRACT BY OWNER.
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR: CONTROL WIRE TERMINATION AT CONTROLLER, SCHEDULING WATER TIMES & PROGRAMS FOR THE IRRIGATION CONTROLLERS ON SITE, PROVIDING THE CORRECT AMOUNT OF WATER AFFORDED TO THE PLANT MATERIAL ON THE PROJECT FOR OPTIMUM GROWTH. CONTRACTOR SHALL PROGRAM ALL CONTROLLERS TO UTILIZE THE TOTAL DESIGN FLOW OF THE IRRIGATION SYSTEM. PROGRAMMING SHALL ATTEMPT TO BALANCE THE FLOW AT 120 GPM BY USING ALL CONTROLLERS ON SITE. THIS REQUIREMENT SHALL RUN FROM START OF CONTRACT UNTIL FINAL ACCEPTANCE OF IRRIGATION SYSTEM. NO ADDITIONAL COMPENSATION SHALL BE AUTHORIZED FOR WORK NEEDED TO: PROGRAM, SCHEDULE OR TO SET UP WATERING CYCLES DEEMED INCLUDED IN THE CONTRACT BY THE OWNER.
 - ALL IRRIGATION CONTROL WIRE SHALL BE INSTALLED IN SCHEDULE 40 PVC ELECTRICAL CONDUIT BELOW GRADE. MINIMUM SIZE SHALL BE 1" SIZE CONDUIT TO ACCEPT CONTROL WIRES FREELY AND TO ALLOW EASE OF WIRE PULL. PROVIDE LONG RADIUS ELBOW AT ALL TURNS AND SWEEPS INTO VALVE BOXES.
 - THE CONTRACTOR SHALL PROVIDE A LANDSCAPE & IRRIGATION MAINTENANCE SCHEDULE AND AN IRRIGATION AUDIT, SURVEY, & IRRIGATION WATER USE ANALYSIS AS PART OF THE CONTRACT WORK. THE MAINTENANCE SCHEDULE, IRRIGATION AUDIT, SURVEY, & IRRIGATION WATER USE ANALYSIS SHALL COMPLY WITH THE STATE OF CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE.
 - MAINTAIN OPERATIONAL EXISTING IRRIGATION SYSTEM THROUGHOUT COURSE OF CONSTRUCTION. REPAIR EXISTING IRRIGATION NOT SHOWN TO BE REMOVED OR DEMOLISHED THAT IS DAMAGED DURING CONSTRUCTION.
 - THE IRRIGATION DESIGN & IRRIGATION CONSTRUCTION DOCUMENTS WERE PREPARED BASED UPON DISTRICT PROVIDED RECORD INFORMATION & FIELD MEASUREMENT VERIFICATION. COORDINATION OF NEW WORK & VERIFICATION OF EXISTING CONDITIONS WILL BE REQUIRED OF THE CONTRACTOR. CONTRACTOR SHALL MAKE ALL ADJUSTMENTS & ADDITIONS NEEDED TO FIT FIELD CONDITIONS THAT PROVIDES HEAD TO HEAD COVERAGE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION AS PART OF THE CONTRACT PRICE.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND SUSTAINING THE EXISTING PLANTING AT THE SCHOOL SITE FOR THE DURATION OF THE CONTRACT. TURF, SHRUBS, AND TREES SHALL BE IN GOOD HEALTH, FLOURISHING AND GROWING NATURALLY AT FINAL ACCEPTANCE.
 - RELOCATE, REPAIR OR REPLACE EXISTING LATERAL LINES AND HEADS AFFECTED BY NEW WORK, AS NECESSARY, TO PROVIDE FULL COVERAGE TO EXISTING AREAS OF SCHOOL SITE THAT ARE TO REMAIN. CONTRACTOR SHALL PROVIDE ALL TOOLS, LABOR, MATERIAL AND EQUIPMENT TO PROVIDE A COMPLETELY FUNCTIONAL IRRIGATION SYSTEM THROUGHOUT THE ENTIRE SCHOOL SITE AS SHOWN ON THE DRAWINGS AND IDENTIFIED IN THE SPECIFICATIONS. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR REPAIRS AND REPLACEMENT DEEMED NEEDED BY THE OWNER.
 - THE CONTRACTOR SHALL PROVIDE AN IRRIGATION SCHEDULE AS PART OF THE CONTRACT WORK. THE SCHEDULE SHALL COMPLY WITH THE STATE OF CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE.

FILE NUMBER:	IDENTIFICATION STAMP:	DATE:	MARK:	DESCRIPTION:
05/17/2017	ADDITION #1	05/17/2017	A	DSA BACK CHECK

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 ARCHITECTS ENGINEERS CONNECTED



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 NOBLE ELEMENTARY SCHOOL
 BAKERSFIELD, CA
 DRAWING TITLE
IRRIGATION PLAN

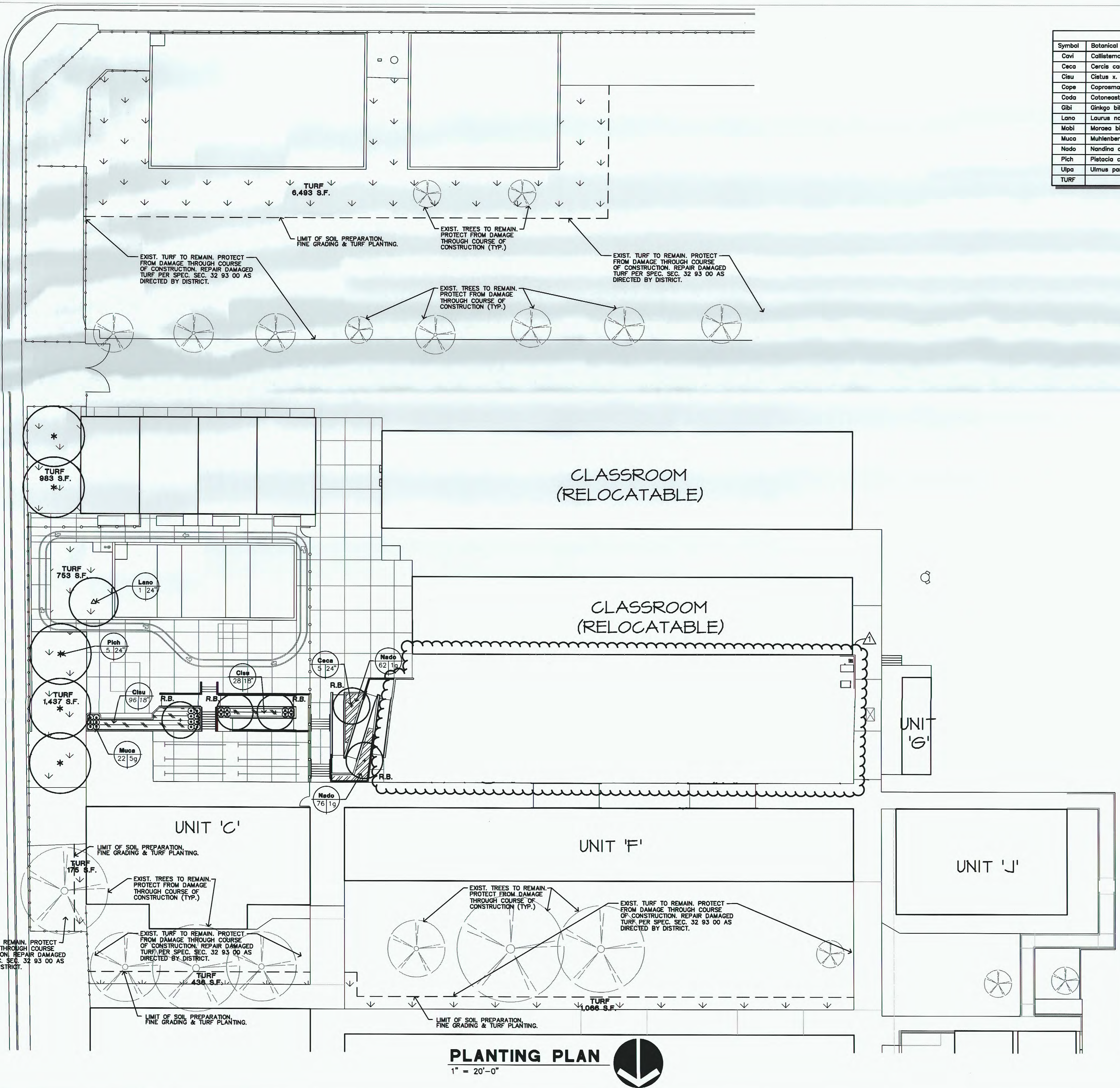
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 15-4630
 DRAWING
L100

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REGISTERED LANDSCAPE ARCHITECT
 ROBERT L. BORO - C-181
 STATE OF CALIFORNIA
 EXP. 1/30/17

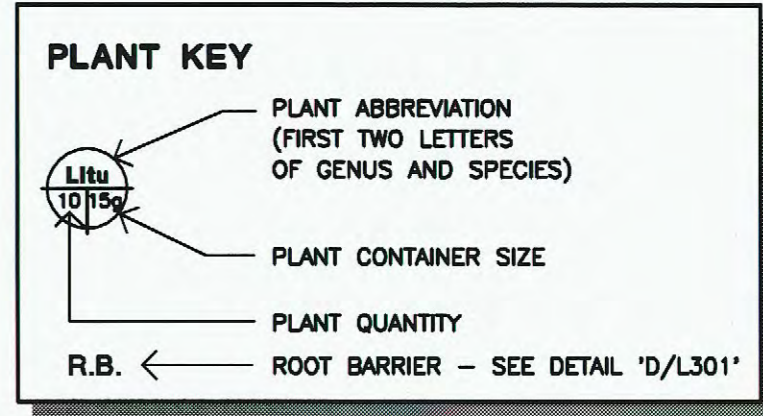
IRRIGATION PLAN
 1" = 20'-0"

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Symbol	Botanical Name	Common Name	Size	Quantity	Comments
Cavi	Callistemon viminalis 'Little John'	Dwarf Bottlebrush	5 Gal	33	
Ceca	Cercis canadensis texensis 'Oklahoma'	Eastern Redbud	24" Box	5	STANDARD, TRIPLE-STAKED.
Cieu	Cistus x. 'Sunset'	Rockrose	1 Gal	124	TRI-SPACE @ 18" O.C.
Cope	Coprosma petriei 'Verde Vista'	Mirror Shrub	1 Gal	115	TRI-SPACE @ 24" O.C.
Coda	Cotoneaster dammeri 'Lowfast'	Bearberry Cotoneaster	1 Gal	244	TRI-SPACE @ 30" O.C.
Gibi	Ginkgo biloba 'Princeton Sentry'	Maidenhair Tree	24" Box	2	STANDARD, TRIPLE-STAKED.
Lano	Laurus nobilis	Greccio Laurel	24" Box	1	STANDARD, TRIPLE-STAKED.
Mabi	Moraea bicolor	Fortnight Lily	1 Gal	9	
Muca	Muhlenbergia capillaris 'Regal Mist'	Pink Muhly	5 Gal	22	
Nado	Nandina domestica 'Fire Power'	Heavenly Bamboo	1 Gal	138	TRI-SPACE @ 14" O.C.
Pich	Pistacia chinensis 'Keith Davey'	Chinese Pistache	24" Box	5	STANDARD, TRIPLE-STAKED.
Upa	Ulmus parvifolia 'Allee'	Chinese Elm	24" Box	4	STANDARD, TRIPLE-STAKED.
TURF		SOD		11,343 S.F.	REFER TO SPEC. SEC. 32 93 00.

- PLANTING NOTES**
- QUANTITIES ARE LANDSCAPE ARCHITECTS ESTIMATE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL MATERIAL APPEARING ON PLAN.
 - DO NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
 - SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, MATERIALS AND EXECUTION.
 - ALL PLANT MATERIAL SHALL BE APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION.
 - FINAL LOCATION OF ALL PLANT MATERIALS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE.
 - CONTRACTOR SHALL NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT OBSERVATION SCHEDULES.
 - SEE DETAILS AND SPECIFICATIONS FOR STAKING METHOD, PLANT PIT DIMENSION AND BACKFILL REQUIREMENTS.
 - IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANS, CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE LANDSCAPE ARCHITECT, WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE THE MATERIALS.
 - ALL GROUND COVER SHALL EXTEND BENEATH TALLER PLANT MATERIAL.
 - NO PLANTING SHALL BE DONE UNTIL INSTALLATION OF THE IRRIGATION SYSTEM IS COMPLETED, FINAL GRADES HAVE BEEN ESTABLISHED, PLANTING AREAS HAVE BEEN PROPERLY GRADED AND SOIL PREPARED, AND THE WORK APPROVED BY THE LANDSCAPE ARCHITECT.
 - PROVIDE ROOT BARRIER FOR TREES WHERE INDICATED ON PLAN.
 - PROVIDE ARBOR GUARD FOR ALL TREES IN TURF AREAS.
 - RECONDITION EXISTING TURF WHERE CALLED FOR AND WHERE DAMAGE FROM CONSTRUCTION OCCURS. RECONDITIONING SHALL INCLUDE BUT NOT NECESSARILY BE LIMITED TO SCALPING, AERATION OF COMPACTED SOIL, SOIL PREPARATION, FINE GRADING, TURF INSTALLATION, AND TURF ESTABLISHMENT.
 - WHERE NEW CONSTRUCTION OCCURS ADJACENT TO EXISTING PLANT MATERIAL, CARE SHALL BE TAKEN TO PROTECT SUCH PLANTING.
 - PROVIDE & PLACE 3" THICK LAYER OF WOOD TOP DRESS MULCH IN ALL PLANTING AREAS.
 - THE CONTRACTOR SHALL PROVIDE A SOILS FERTILITY ANALYSIS & SOIL MANAGEMENT REPORT AS PART OF THE CONTRACT WORK. ALL SOILS ANALYSIS & SOIL MANAGEMENT PLANS SHALL COMPLY WITH THE STATE OF CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE. SOIL AMENDMENTS SHALL BE ADJUSTED TO SATISFY THE RESULTS OF THE SOILS MANAGEMENT PLAN. SUBMIT DOCUMENTATION TO OWNER VERIFYING IMPLEMENTATION OF SOILS MANAGEMENT PLAN.
 - EXISTING PLANT MATERIALS SHOWN ON PLAN ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AT THE SITE TO FAMILIARIZE HIMSELF PRIOR TO BIDDING & START OF WORK. REMOVE ALL TREES, SHRUBS & GROUND COVER IN CONFLICT W/ NEW PLANTING IMPROVEMENTS. CLEAR & GRUB ROOTBALL ENTIRELY AND ROOTS 1" IN DIA. AND LARGER. PLACE SANDY LOAM FILL AS NEEDED TO MEET NEW GRADES.
 - ERADICATE EXISTING TURF WITH TWO (2) APPLICATIONS OF HERBICIDE IN AREAS TO RECEIVE NEW TURF. REMOVE ALL VEGETATIVE MATTER COMPLETELY AND ROOT MASS TO A MINIMUM OF FOUR INCHES DEEP FROM ORIGINAL GRADE. PROVIDE AND PLACE NEW SANDY LOAM FILL IN AREAS NEEDED TO MEET NEW GRADES AND AS DEFINED IN SPEC. SEC. 32 93 00. GRADE ALL AREAS TO PROMOTE POSITIVE DRAINAGE. ELIMINATE ALL HUMPS AND HOLLOWES.



PLANTING PLAN
1" = 20'-0"



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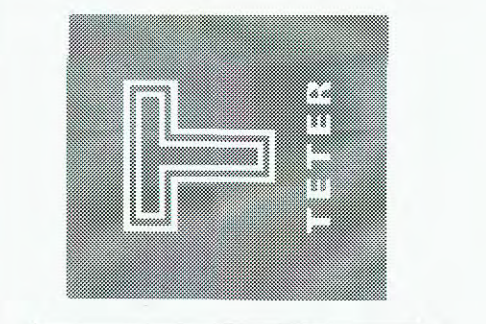
FILE NUMBER: 05/17/2017 ADDENDUM #1

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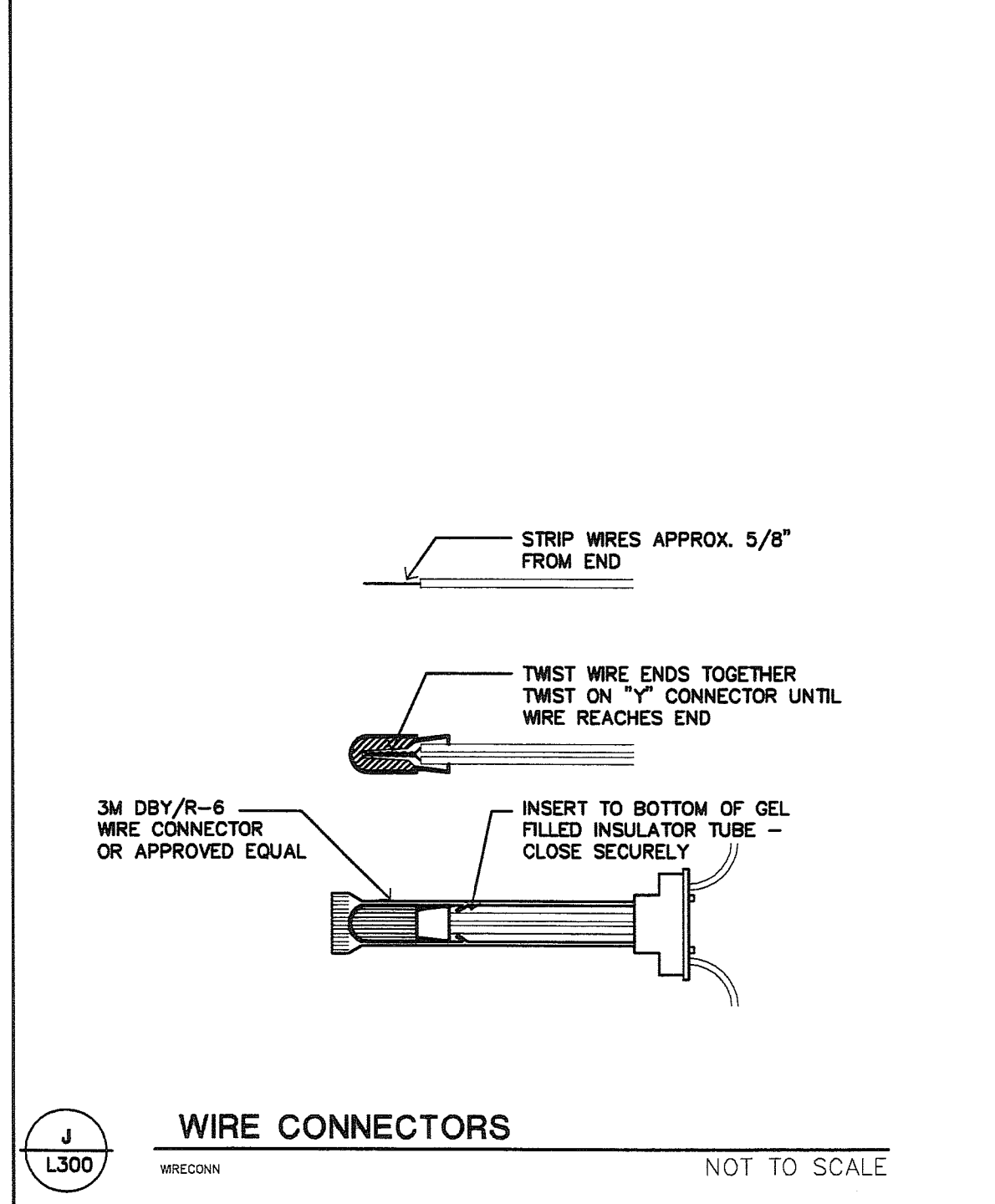
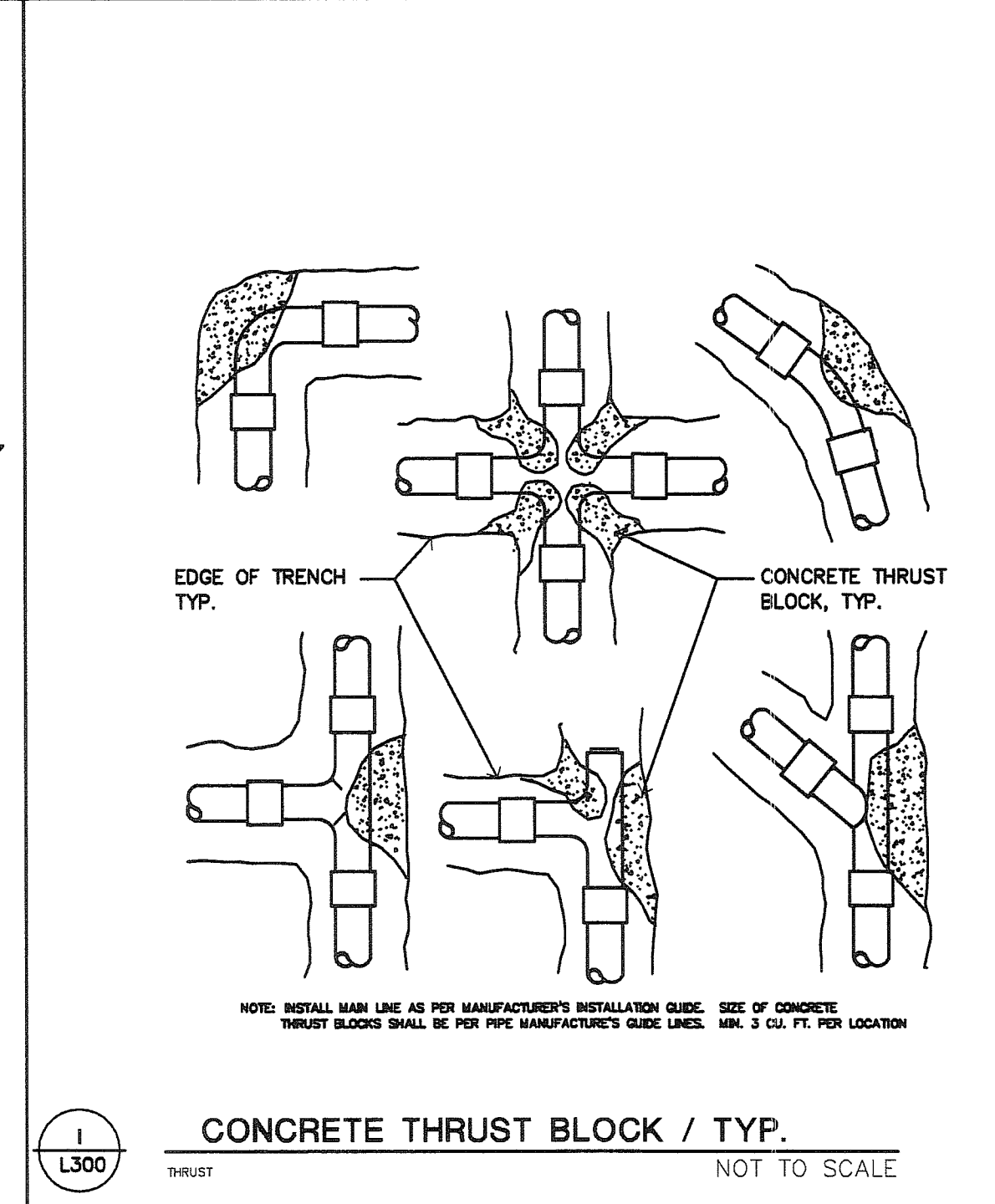
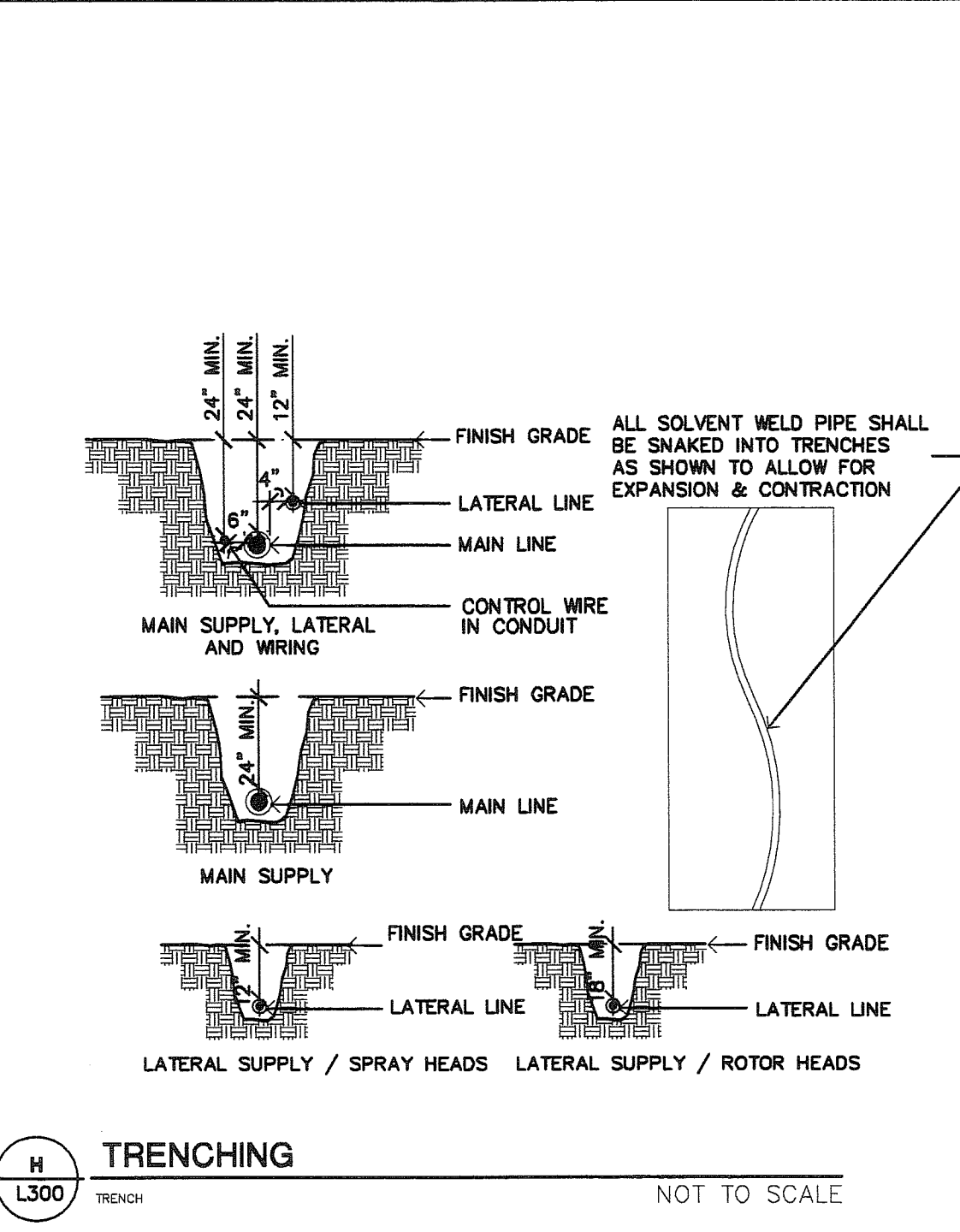
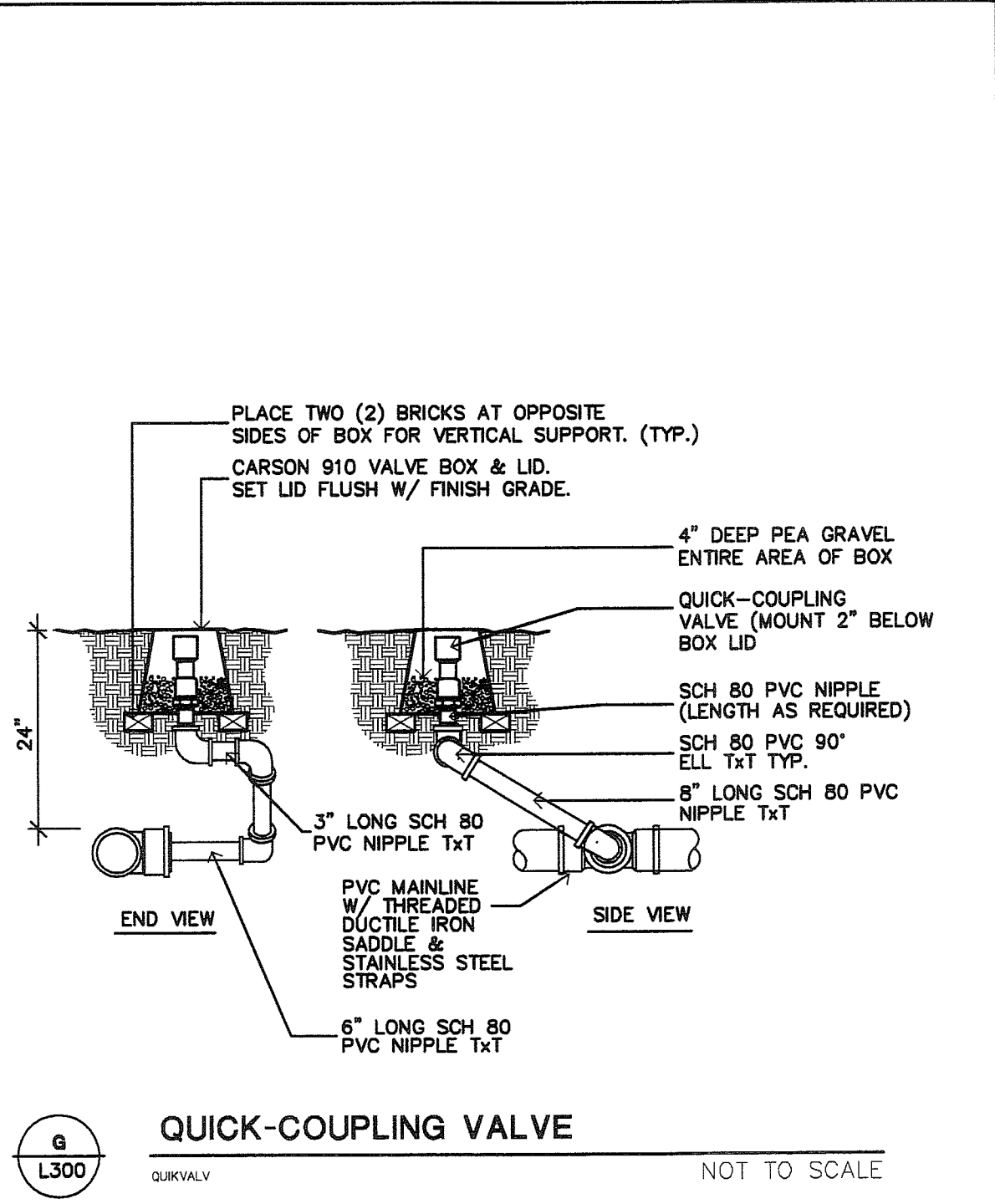
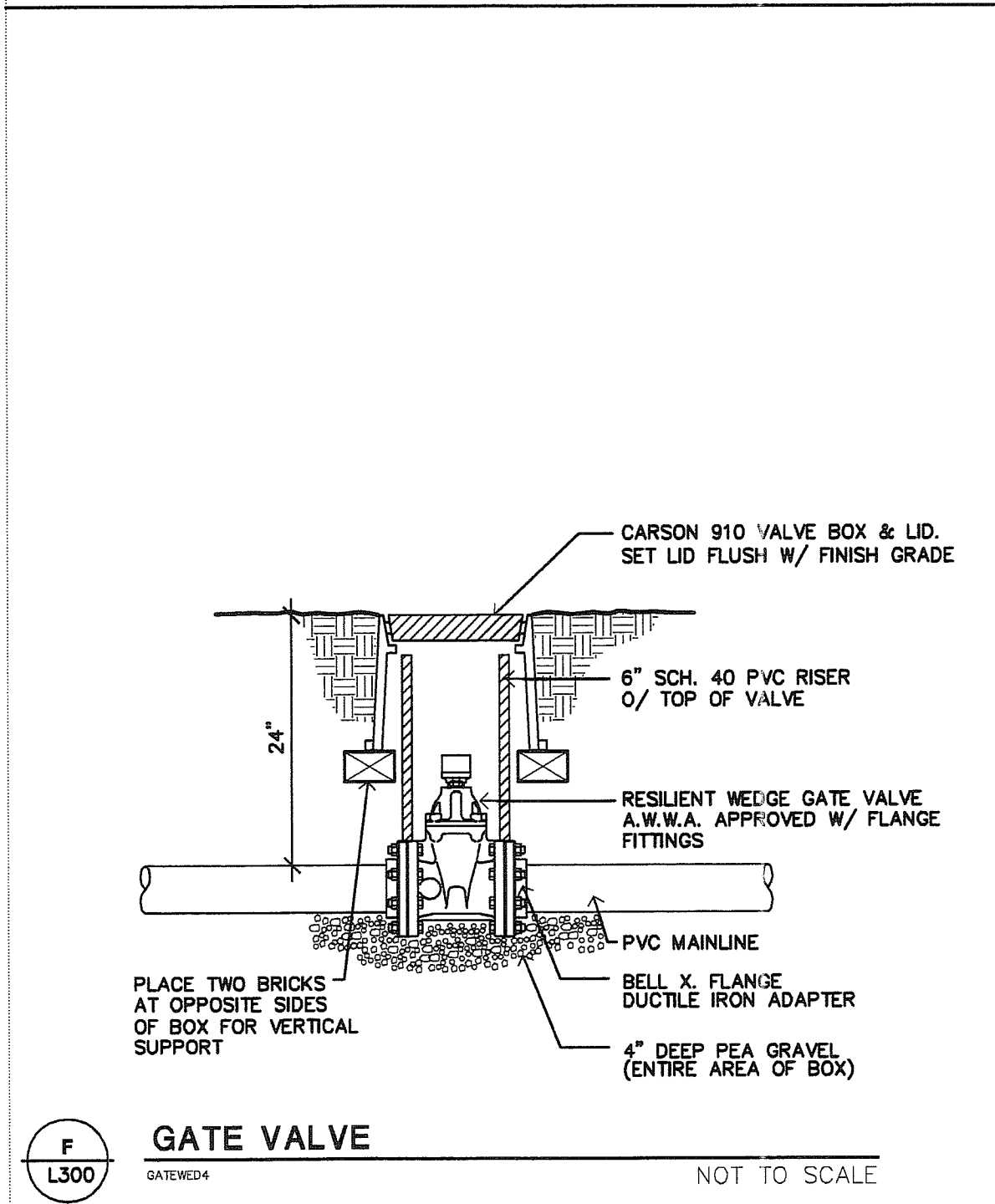
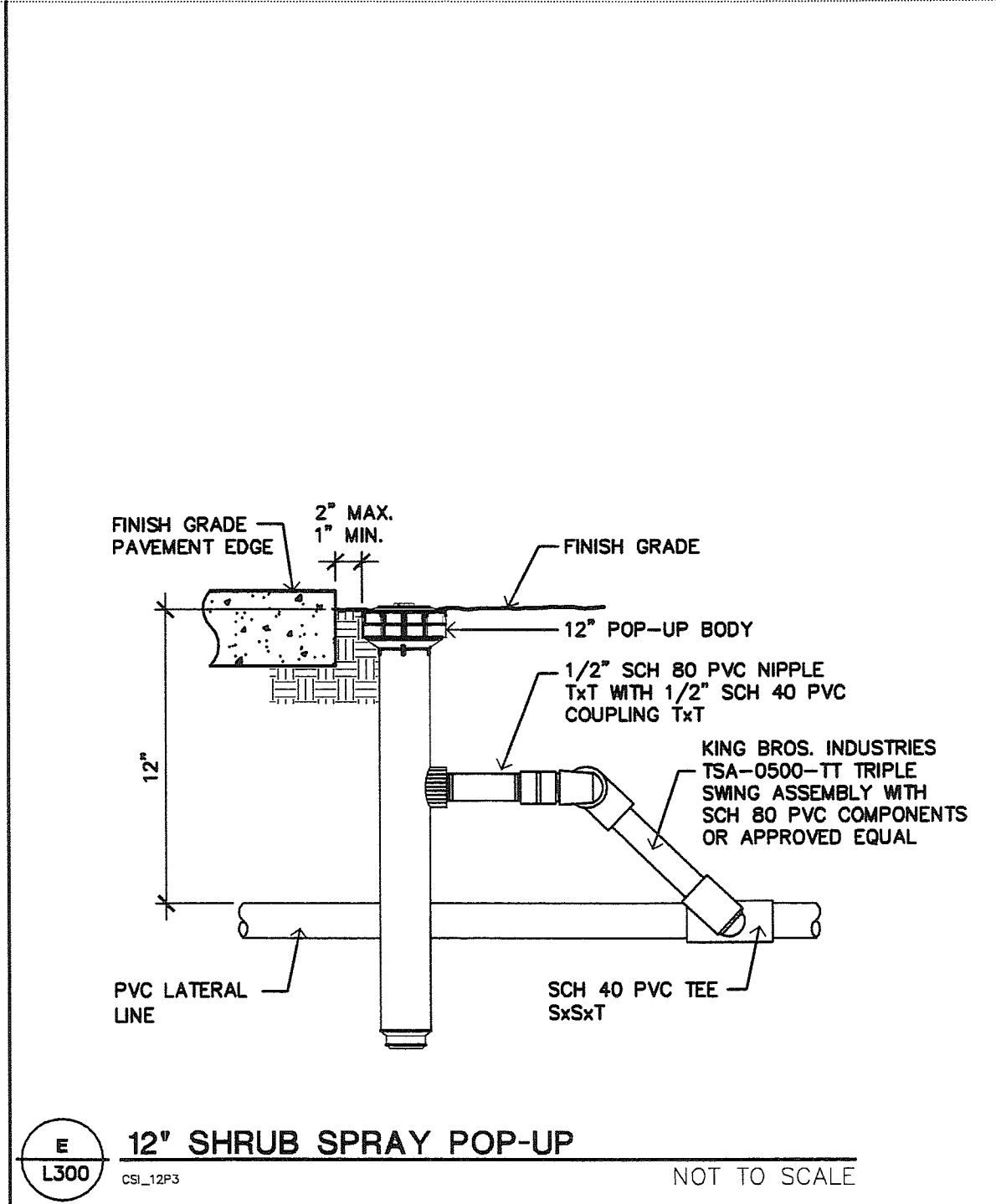
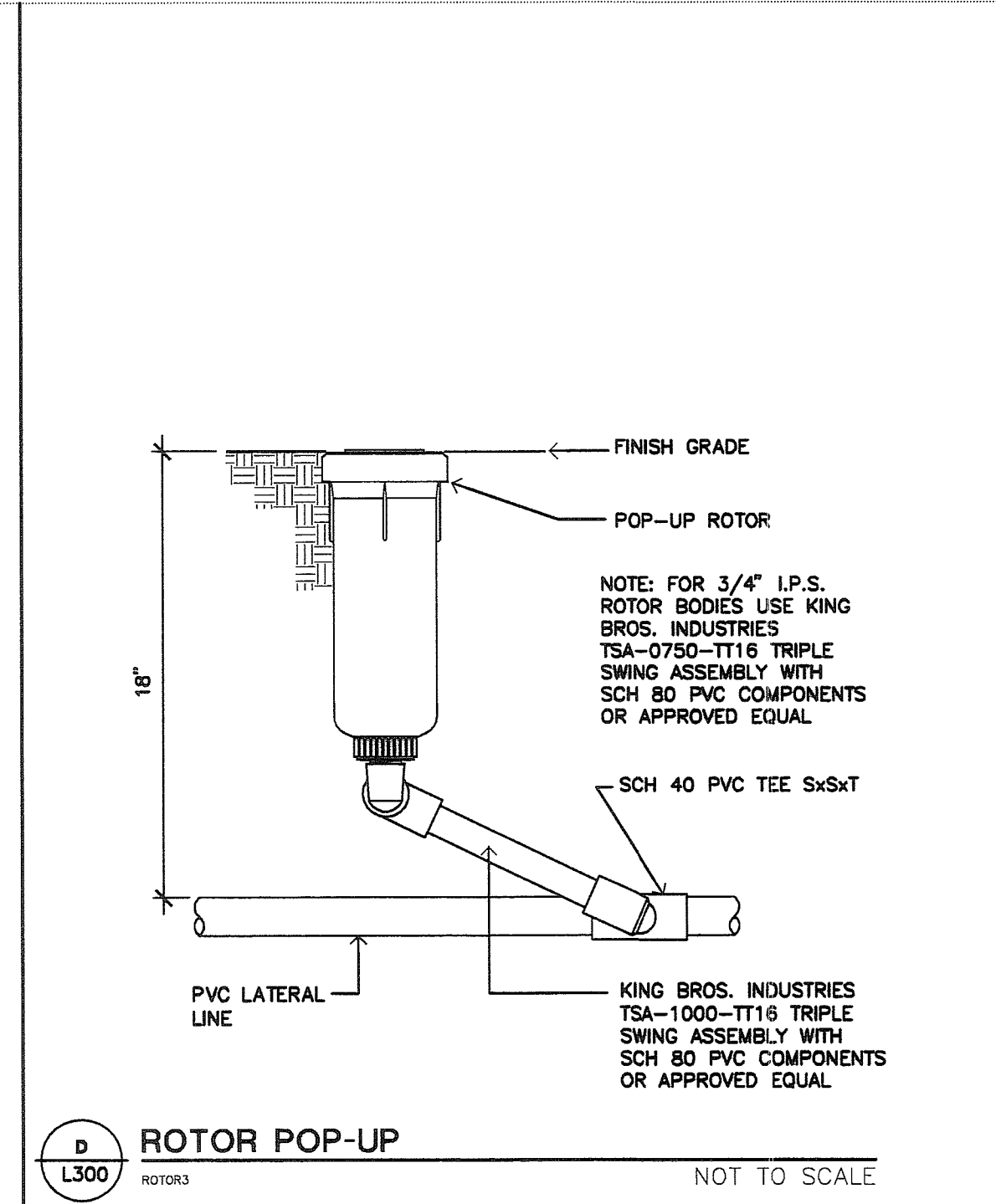
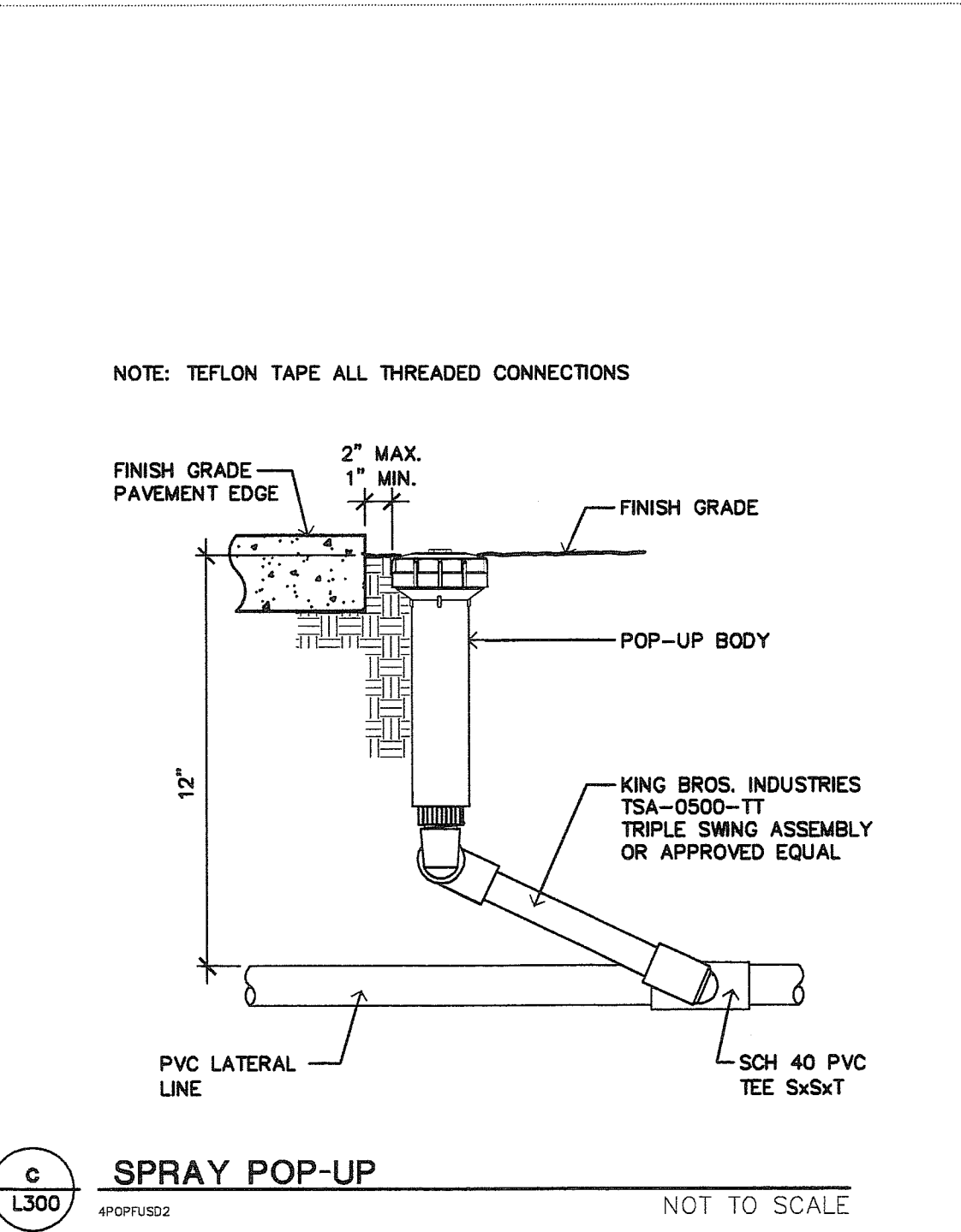
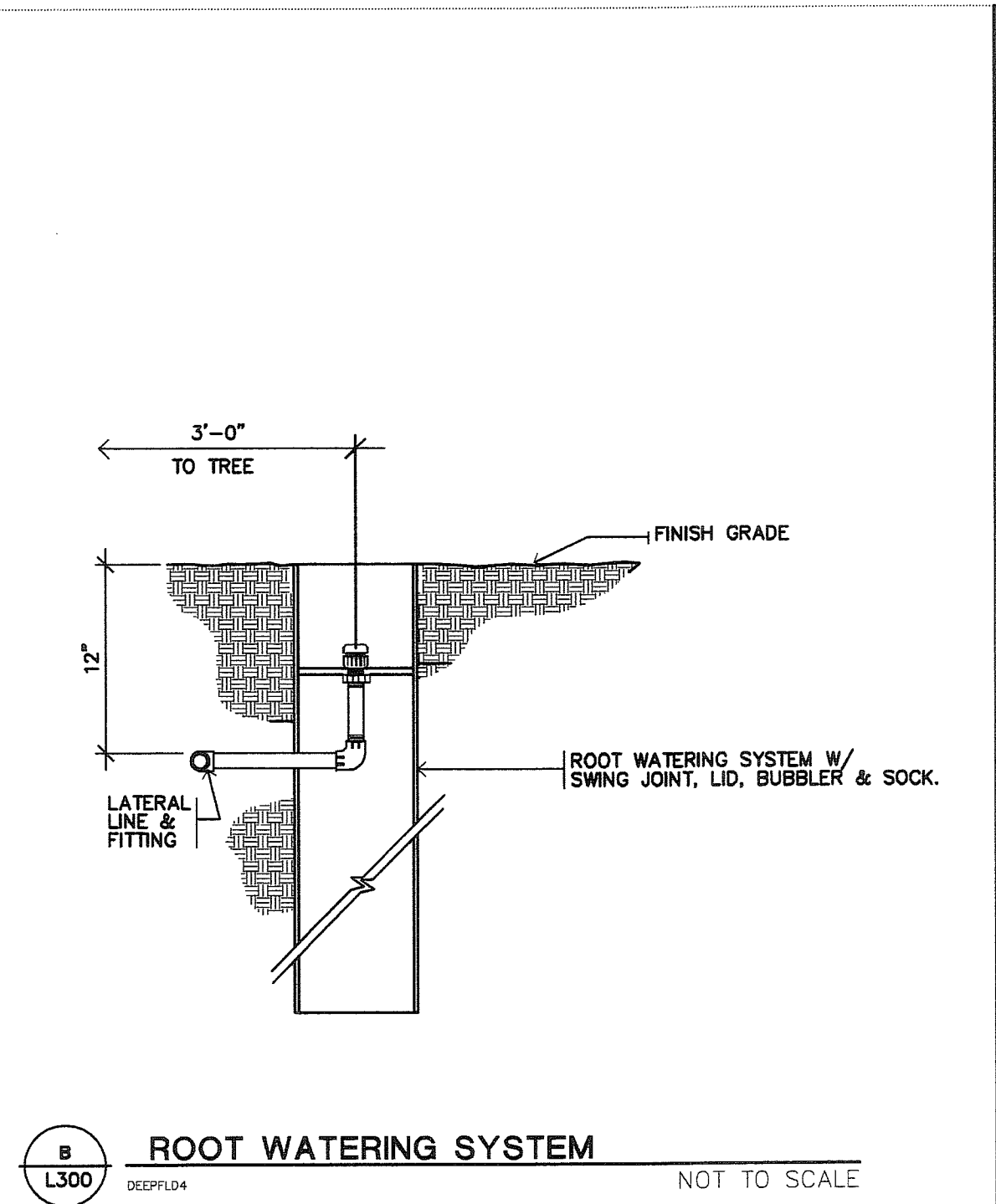
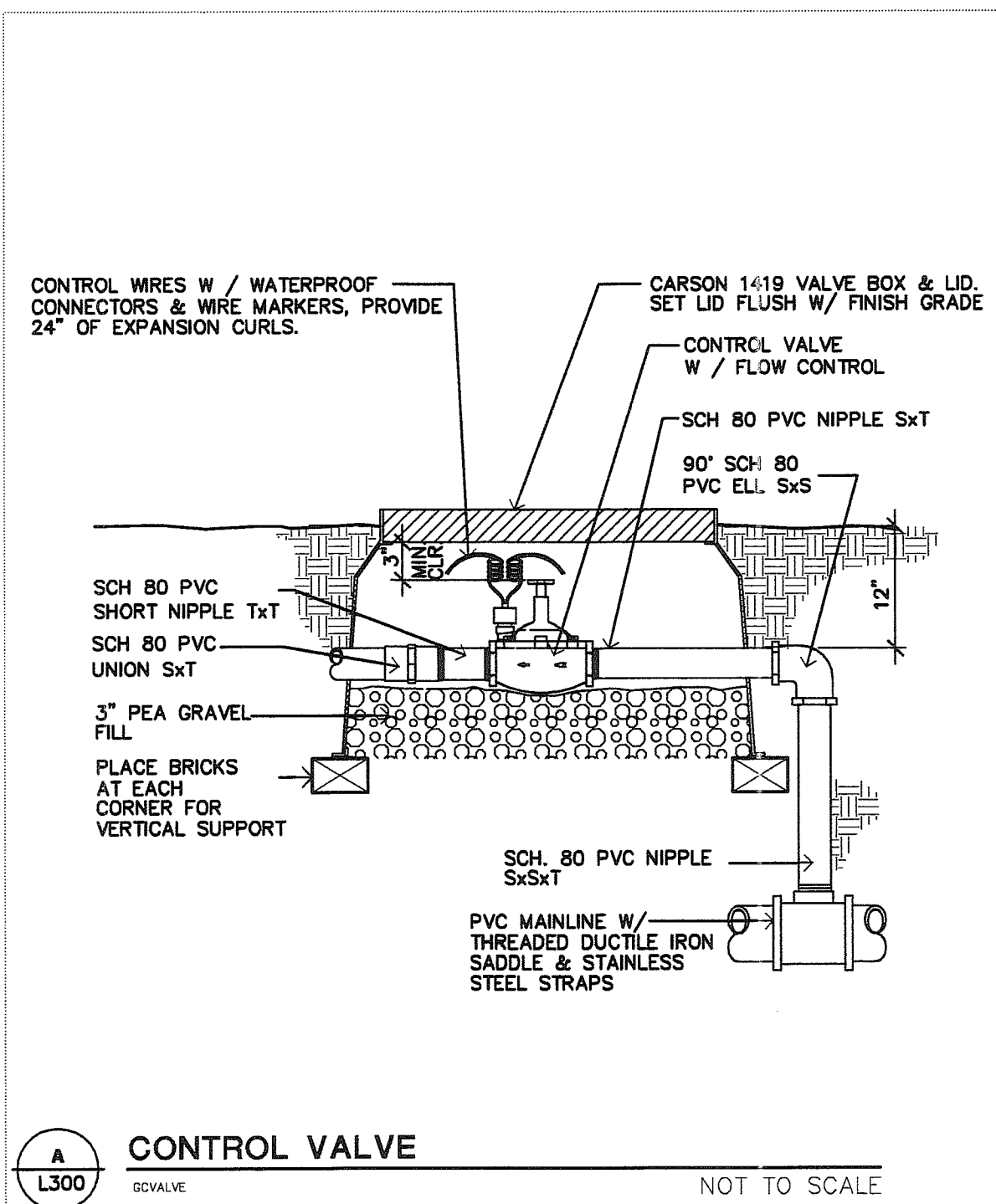


DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE: PLANTING PLAN

PROJECT NO. 15-4630
DRAWING L200

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DATE: NOV 10 2015

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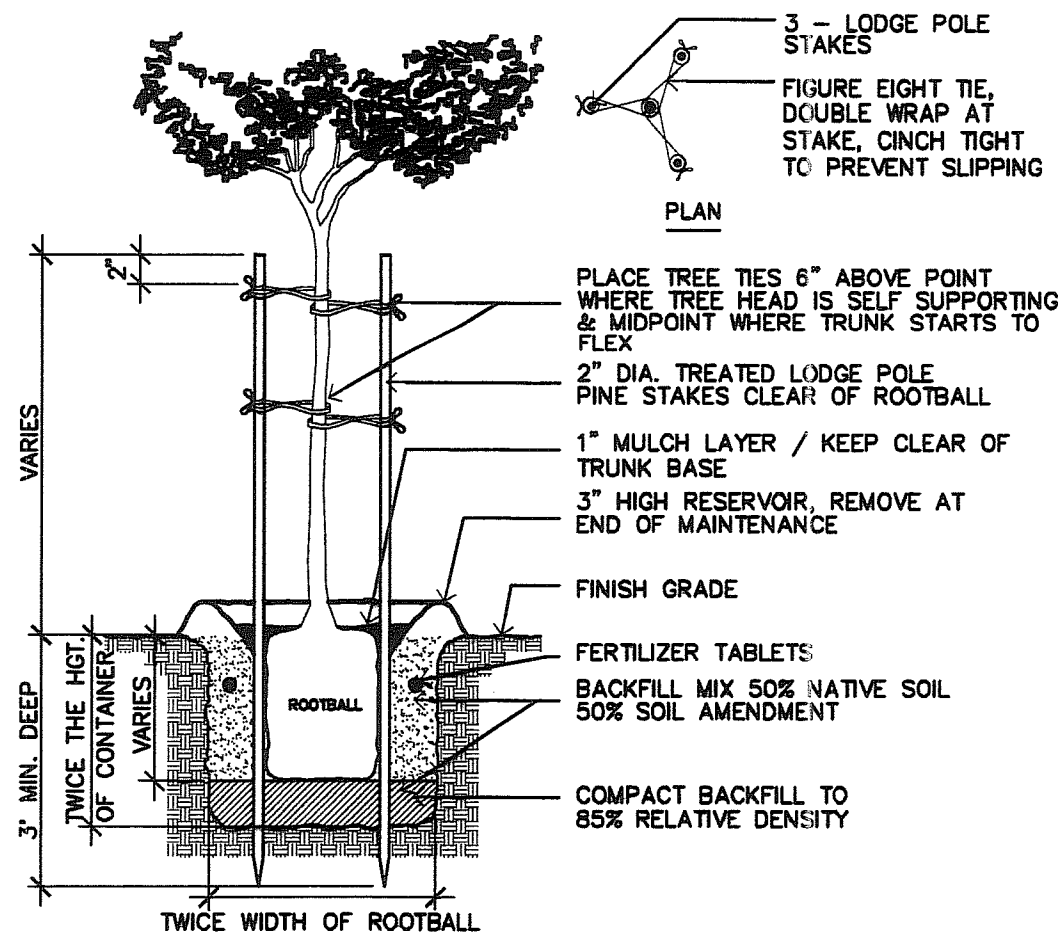
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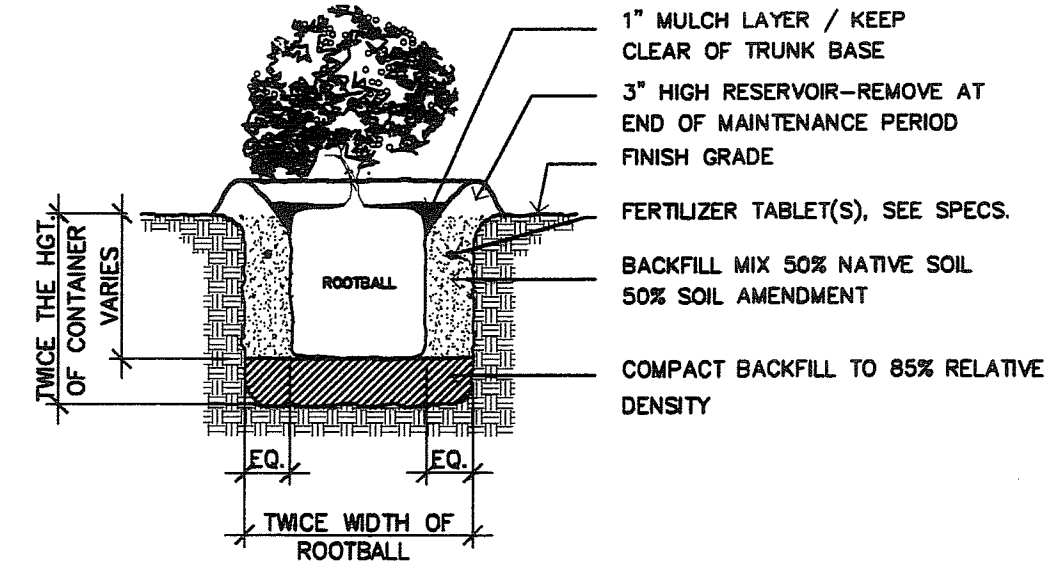
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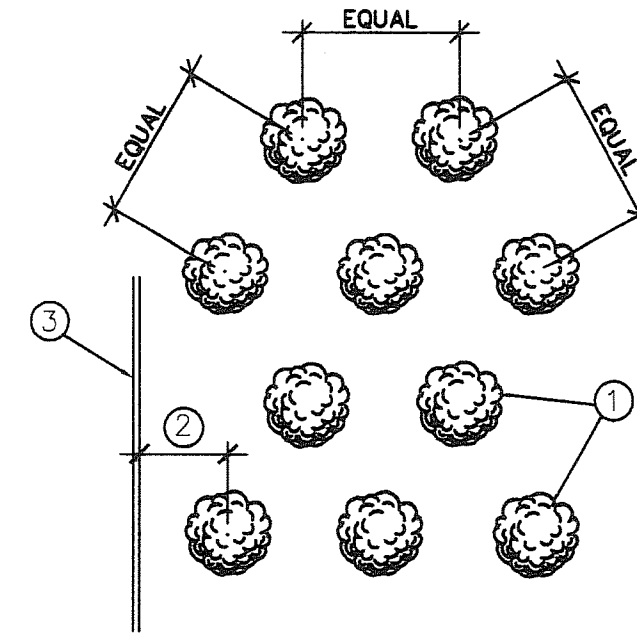
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A
L301 TREE PLANTING / TRIPLE STAKE
NOT TO SCALE

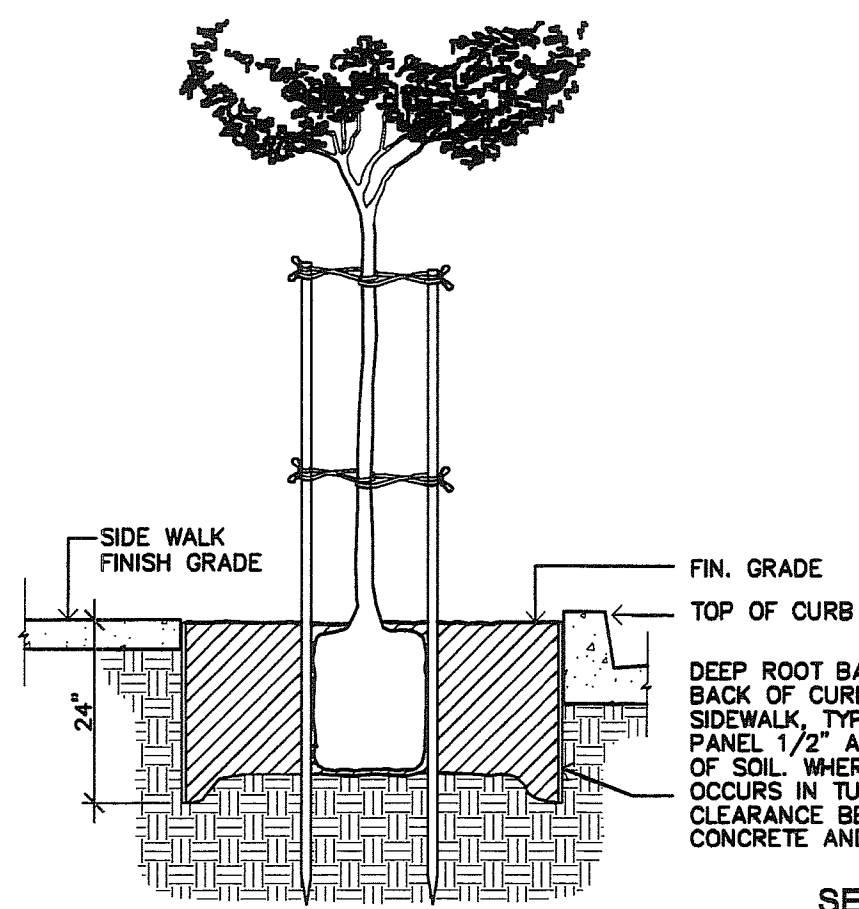


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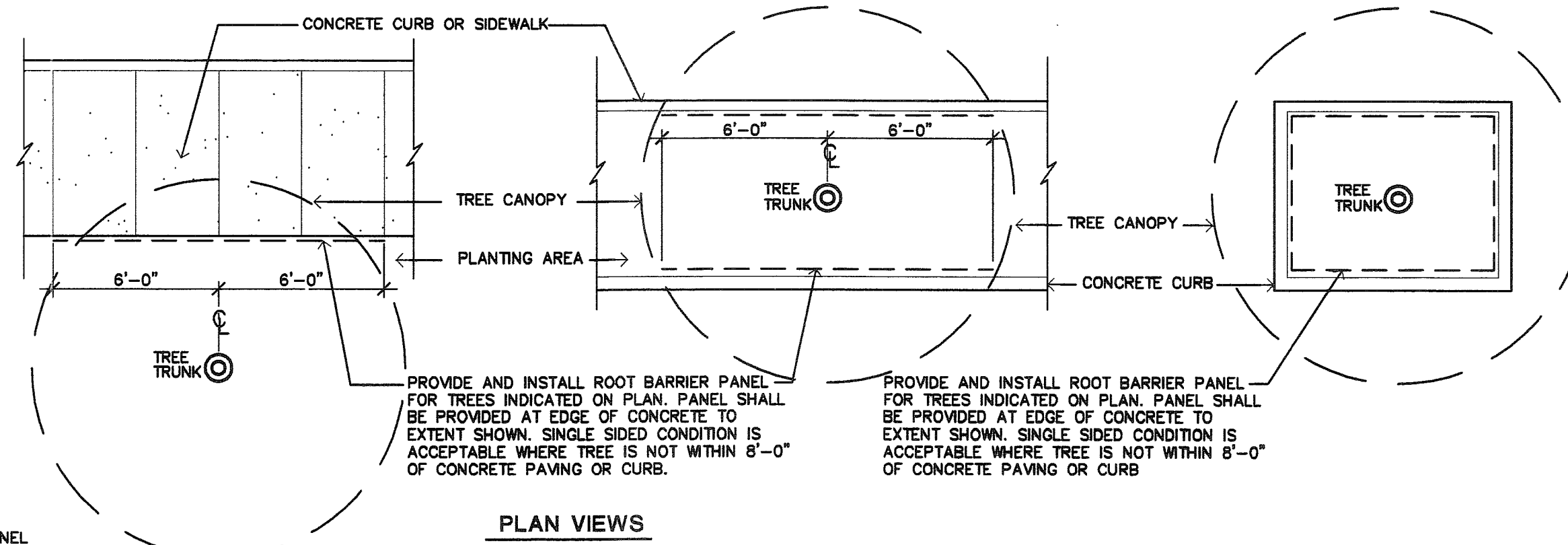


C
L301 GROUND COVER PLANTING
NOT TO SCALE

- LEGEND
1. LOCATE PLANTS WITH EQUAL SPACING AS INDICATED ON PLAN (TRIANGULAR SPACING.)
 2. 1/2 ON CENTER SPACING.
 3. PAVING, BUILDING OR HEADER SHOWING PLANTING AREA LIMIT.



D
L301 ROOT BARRIER INSTALLATION
NOT TO SCALE

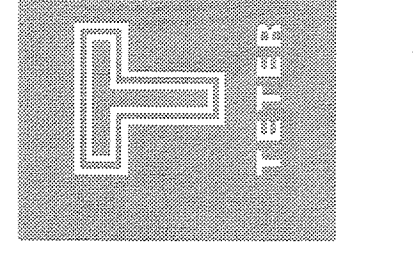


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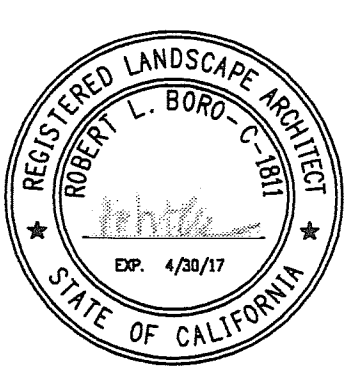
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NOT USED	17	NOT USED	13
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NOT USED	20	NOT USED	16

ROOM NAME SYMBOL

ROOM NAME
ROOM NAME
XXXX

KEYNOTE SYMBOL

XXXX

DOOR SYMBOL

XXXX

WINDOW SYMBOL

XXXX

FINISH SYMBOL

XXXX

BUILDING GRID SYMBOL

XXXX

REVISION MARK SYMBOL

XXXX

ELEVATION SYMBOLS

XXXX

DETAIL SYMBOL

XXXX

SECTION SYMBOL

XXXX

ELEVATION SYMBOL

XXXX

NORTH ARROW SYMBOL

NORTH

DETAIL CUT SYMBOL

XXXX

CEILING HEIGHT SYMBOL

XXXX

ABBREVIATIONS: WHEN USED IN THESE DOCUMENTS SHALL CONFORM TO THE FOLLOWING LIST UNLESS OTHERWISE NOTED. DRAWINGS OF OTHER DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL) MAY CONTAIN SPECIFIC ABBREVIATIONS, REFERENCES, AND LEGENDS WITH INTERPRETATION INTENDED ONLY FOR THOSE DISCIPLINES.

<p>AND ANGLE</p> <p>AT CENTERLINE</p> <p>DIAMETER OR ROUND</p> <p>PERPENDICULAR</p> <p>PLATE OR PROPERTY LINE</p> <p>FOUND OR NUMBER</p> <p>EXISTING</p> <p>NEA</p> <p>RELOCATED</p> <p>DEMOLISH OR REMOVE</p> <p>AIR CONDITIONING</p> <p>ASPHALT CONCRETE PAVING</p> <p>ACOUSTICAL</p> <p>ACOUSTIC CEILING TILE</p> <p>ANCHOR BOLT</p> <p>AMERICANS WITH DISABILITIES ACT</p> <p>AMERICANS WITH DISABILITIES ACT ACCESSIBLE GUIDELINES</p> <p>ADJUSTABLE</p> <p>ADJACENT</p> <p>ABOVE FINISH FLOOR</p> <p>ABOVE FINISH GRADE</p> <p>AGGREGATE</p> <p>ALTERNATE</p> <p>ALUMINUM</p> <p>ANODIZED</p> <p>ACOUSTIC PANEL CEILING</p> <p>APPROXIMATE</p> <p>ARCHITECTURAL</p> <p>AUDIO VISUAL</p> <p>BOARD</p> <p>BUILDING</p> <p>BLOCK</p> <p>BLOCKING</p> <p>BEAM</p> <p>BOTTOM</p> <p>BEARING</p> <p>BETWEEN</p> <p>BUILT-UP ROOF(ING)</p> <p>CURB AND GUTTER</p> <p>CABINET</p> <p>CABLE TELEVISION</p> <p>CARRIAGE BOLT</p> <p>CEMENT</p> <p>CERAMIC</p> <p>CUBIC FOOT</p> <p>CAST IRON</p> <p>CONSTRUCTION JOINT</p> <p>CHAIN LINK FENCE</p> <p>CEILING</p> <p>CLOSET</p> <p>CLEAR</p> <p>CLASSROOM</p> <p>CONCRETE MASONRY UNIT</p> <p>COUNTER</p> <p>COLUMN</p> <p>CONCRETE</p> <p>CONNECTION</p> <p>CONSTRUCTION</p> <p>CONTINUOUS</p> <p>CONTRACTOR</p> <p>CARPET</p> <p>COLD ROLLED CHANNEL</p> <p>CENTER</p> <p>COUNTERSINK</p> <p>CUBIC YARD</p> <p>DISABLED ACCESS</p> <p>DOUBLE</p> <p>DEMOLISH OR DEMOLITION</p> <p>DRINKING FOUNTAIN OR DOUGLAS FIR</p> <p>DETAIL</p> <p>DIAGONAL</p> <p>DIAMETER</p> <p>DIMENSION</p> <p>DISPENSER</p> <p>DOWN</p> <p>DEEP</p> <p>DOWN SPOUT</p> <p>DRAWING(S)</p> <p>DRAWER</p> <p>EAST</p> <p>EACH</p> <p>EXHAUST FAN</p> <p>ENGINEER</p> <p>EXPANSION JOINT</p> <p>ELEVATION</p> <p>ELECTRIC(AL)</p> <p>ELEVATOR</p> <p>EMBEDMENT</p> <p>EMERGENCY</p> <p>ENCLOSURE</p> <p>EQUAL</p> <p>EQUIPMENT</p> <p>EVAPORATIVE</p> <p>EACH WAY</p> <p>EXHAUST</p> <p>EXISTING</p> <p>EXPANSION</p> <p>EXTERIOR</p> <p>FIRE ALARM</p> <p>FLAT BAR</p> <p>FURNISHED BY OWNER OR OTHERS</p> <p>FLOOR DRAIN</p> <p>FIRE DEPARTMENT CONNECTION</p> <p>FOUNDATION</p> <p>FIRE EXTINGUISHER</p> <p>FIRE EXTINGUISHER CABINET</p> <p>FACTORY FINISH</p> <p>FINISH FLOOR</p> <p>FINISH GRADE</p> <p>FIRE HYDRANT</p> <p>FLAT HEAD MACHINE SCREW</p> <p>FLAT HEAD WOOD SCREW</p> <p>FINISH</p> <p>FIXTURE</p> <p>FLOORING</p>	<p>FLASHING</p> <p>FLUORESCENT</p> <p>FACE OF</p> <p>FACE OF CONCRETE</p> <p>FACE OF FINISH</p> <p>FACE OF MASONRY</p> <p>FACE OF STUD</p> <p>FIBERGLASS</p> <p>REINFORCED PLASTIC</p> <p>FIRE SPRINKLER(S)</p> <p>FIRE SPRINKLER HEAD</p> <p>FOOT OR FEET</p> <p>FURNITURE</p> <p>FURNITURE</p> <p>FUTURE</p> <p>FIELD VERIFY</p> <p>GAUGE</p> <p>GALVANIZED</p> <p>GRAB BAR</p> <p>GENERAL CONTRACTOR</p> <p>GENERAL</p> <p>GALVANIZED IRON</p> <p>GLASS</p> <p>GROUND</p> <p>GRADE</p> <p>GYP(SUM)</p> <p>HOSE BIBB</p> <p>HARDBOARD</p> <p>HOLLOW CORE</p> <p>HEAD</p> <p>HEAVY DUTY</p> <p>HEADER</p> <p>HARDWARE</p> <p>HARDWOOD</p> <p>HOLLOW METAL</p> <p>HOLLOW METAL DOOR</p> <p>HOLLOW METAL FRAME</p> <p>HORIZONTAL</p> <p>HOUR</p> <p>HOLLOW STEEL SECTION</p> <p>HEIGHT</p> <p>HEATING/VENTILATING</p> <p>AIR CONDITIONING</p> <p>HIGHWAY</p> <p>INSIDE DIAMETER OR DIMENSION</p> <p>INFORMATION</p> <p>INSULATION</p> <p>INTERIOR</p> <p>JANITOR</p> <p>JOINT</p> <p>KITCHEN</p> <p>KNOCK OUT</p> <p>KNOCK OUT PANEL</p> <p>LABORATORY</p> <p>LAMINATE</p> <p>LAVATORY</p> <p>LAG BOLT</p> <p>LAG BOLT</p> <p>LINEAL FOOT</p> <p>LEFT HAND</p> <p>LIBRARY</p> <p>LIGHT</p> <p>LIGHT WEIGHT</p> <p>MACHINE</p> <p>MAINTENANCE</p> <p>MASONRY</p> <p>MAXIMUM</p> <p>MACHINE BOLT</p> <p>METAL BUILDING MANUFACTURER</p> <p>MECHANICAL</p> <p>MEDIUM</p> <p>MEMBRANE</p> <p>METAL</p> <p>MANUFACTURER</p> <p>MANHOLE</p> <p>MARKER</p> <p>MINIMUM</p> <p>MISCELLANEOUS</p> <p>MASONRY OPENING</p> <p>MOUNTED</p> <p>MEETING</p> <p>MULLION</p> <p>NORTH</p> <p>NOT IN CONTRACT</p> <p>NUMBER</p> <p>NOMINAL</p> <p>NOISE REDUCTION COEFFICIENT</p> <p>NOT TO SCALE</p> <p>OVERALL</p> <p>ON CENTER</p> <p>OUTSIDE DIAMETER OR DIMENSION</p> <p>OFFICE</p> <p>OWNER FURNISHED, CONTRACTOR INSTALLED</p> <p>OWNER FURNISHED, OWNER INSTALLED</p> <p>OVER FLOW DRAIN</p> <p>OPPOSITE HAND</p> <p>OVER HEAD COILING DOOR</p> <p>OVAL HEAD MACHINE SCREW</p> <p>OVAL HEAD WOOD SCREW</p> <p>OPENING</p> <p>OPPOSITE</p> <p>OVER</p> <p>ORIGINAL</p> <p>OVER HEAD</p> <p>OPEN WEB STEEL JOIST</p> <p>POST INDICATOR VALVE</p> <p>PLASTIC LAMINATE</p> <p>PROPERTY LINE</p> <p>PLATE</p> <p>PLASTER</p> <p>PLYWOOD</p> <p>PLYWOOD</p> <p>PAIR</p> <p>POUNDS PER SQUARE FOOT</p> <p>POUNDS PER SQUARE INCH</p>	<p>POINT</p> <p>PAPER TOWEL DISPENSER</p> <p>PRESSURE TREATED DOUGLAS FIR</p> <p>PARTITION</p> <p>POLYVINYL CHLORIDE</p> <p>QUANTITY</p> <p>RADIUS</p> <p>THERMAL RESISTANCE (NUMBER AS INDICATED)</p> <p>RETURN AIR</p> <p>ROOF DRAIN</p> <p>REFLECTED</p> <p>REFRIGERATOR</p> <p>REINFORCED/ING/MENT</p> <p>REMOVE</p> <p>REQUIRED</p> <p>RESILIENT</p> <p>RIGHT HAND</p> <p>ROUND HEAD WOOD SCREW</p> <p>ROOM</p> <p>ROUGH OPENING</p> <p>RIGHT-OF-WAY</p> <p>RESHWOOD</p> <p>RAIN WATER LEADER</p> <p>SOUTH</p> <p>SUPPLY AIR</p> <p>SOLID CORE</p> <p>SCHEDULE</p> <p>STORM DRAIN</p> <p>SECTION</p> <p>SQUARE FEET OR FOOT</p> <p>SHOWER</p> <p>SHEATHING</p> <p>SIMILAR</p> <p>SHEET METAL</p> <p>SLAB-ON-GRADE</p> <p>SPECIFICATION(S)</p> <p>SPEAKER</p> <p>SQUARE</p> <p>STAINLESS STEEL</p> <p>STATION</p> <p>SOUND TRANSMISSION CLASS</p> <p>STANDARD</p> <p>STEEL</p> <p>STORAGE</p> <p>STRUCTURAL</p> <p>SUSPENDED</p> <p>SIDE WALK</p> <p>SYMMETRICAL</p> <p>TOP OF</p> <p>TOP OF CONCRETE</p> <p>TOP OF FOOTING</p> <p>TOP OF STEEL</p> <p>TOP OF PAVEMENT</p> <p>TEMPORARY</p> <p>TEMPERED</p> <p>TONGUE AND GROOVE</p> <p>THREADED</p> <p>THICK</p> <p>TENANT IMPROVEMENT</p> <p>TACK BOARD</p> <p>TELEPHONE</p> <p>TELEPHONE TERMINAL</p> <p>BACK BOARD</p> <p>TELEVISION</p> <p>TYPICAL</p> <p>UNDERGROUND</p> <p>UNLESS NOTED OTHERWISE</p> <p>URNAL</p> <p>VINYL COMPOSITION TILE</p> <p>VERTICAL</p> <p>VENT TO ROOF</p> <p>VINYL WALL COVERING</p> <p>VERIFY IN FIELD</p> <p>WEST OR WIDTH/WIDE</p> <p>WITH</p> <p>WATER CLOSET</p> <p>WHEEL CHAIR</p> <p>WOOD</p> <p>WINDOW</p> <p>WIDE FLANGE</p> <p>WATER HEATER</p> <p>WITHIN</p> <p>WITHOUT</p> <p>WATERPROOF OR WEATHERPROOF</p> <p>WOOD SCREW</p> <p>WEIGHT</p> <p>WELDED WIRE FABRIC.</p> <p>TRANSFORMER</p>
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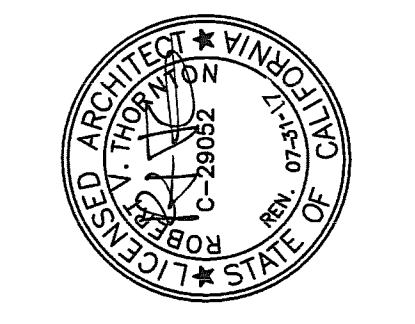
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MARK	DATE	DESCRIPTION
A	8/06/15	DSA BACK CHECK

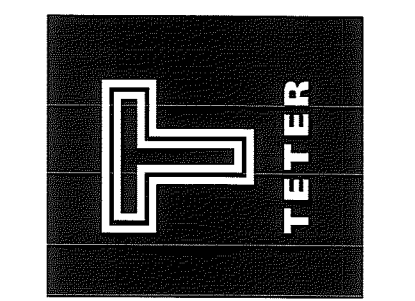
FILE NUMBER: 15-6
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL: 03-116415

AC FL SS JH

DATE: NOV 10 2015



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125 S. BRIDGE ST. 150 | VISALIA, CA 93291 | 959.625.5446
1200 DISCOVERY DR. 100 | DANFORTHVILLE, CA 95917 | 959.460.9660



DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA

DRAWING TITLE
ABBREVIATIONS AND SYMBOL LEGEND

PROJECT NO.
15-4630

DRAWING
A001

PLOT DATE: 10/6/15

Pre-Tracker Project Information

Origin Id 03	App Number 51487	Status 3
Project Name NOBLE ELEM		
% AC Check Complete 100	% AC Check Change	% SS Check Complete 100
% Construction Complete 100	% Construction Change	% SS Check Change
Return Date 3/17/1989	Stamp Date 8/24/1989	PC Start Date 2/21/1989
Closed Date 5/24/1995	Close Letter Type 1	PC Finish Date 3/7/1989
Project Notes	Approval Date 1/16/1990	Cancel/Void Date

Project Closeout Status

Office ID: 03	Application #: 104224	File #: 15-6
Project Name: Noble Elementary School		
Project Scope: Construction of 12 C.R. Bldg's, Library Bldg, Restroom Bldg (All Relocatables) (Portion 1) Alteration to Admin /C.R. Bldg		
Field Engineer: Clortea, Michael		
Engineer Recomm. Date: 12/12/2005	Void/Cancelled Date:	
90 Day Letter Date: 1/12/2006	90 Day Exp. Date: 4/12/2006	
90 Day Ext. Date: 4/13/2006	Ext. 90 Day Exp. Date: 7/12/2006	
Last Closed Date: 8/22/2005	Last Closed Letter Type: #1-Certification & Close of File	

KEYNOTES

- EXISTING HI-LOW ACCESSIBLE DRINKING FOUNTAIN TO REMAIN
- NEW HI-LOW ACCESSIBLE DRINKING FOUNTAIN

GENERAL NOTES

A. KEYNOTES APPLY TO THIS SHEET ONLY.

LEGEND

BUILDINGS:

	EXISTING BUILDING WITH NO WORK UNDER THIS APPLICATION
	NEW BUILDING UNDER THIS APPLICATION (SEE RELOCATABLE MANUFACTURER DRAWINGS)

SITE INFORMATION:

- B BOYS ACCESSIBLE RESTROOM
- G GIRLS ACCESSIBLE RESTROOM
- S STAFF ACCESSIBLE RESTROOM
- (E) (E) FIRE HYDRANT
- (E) (E) SLOPE DOWN
- (E) PROPERTY LINE
- (E) CHAIN LINK FENCE
- (E) 6'-0" HIGH CHAIN LINK FENCE
- (E) ORNAMENTAL FENCE
- (E) PATH OF TRAVEL (P.O.T.)
- (E) EXIT DISCHARGE TO AREA OF REFUGE

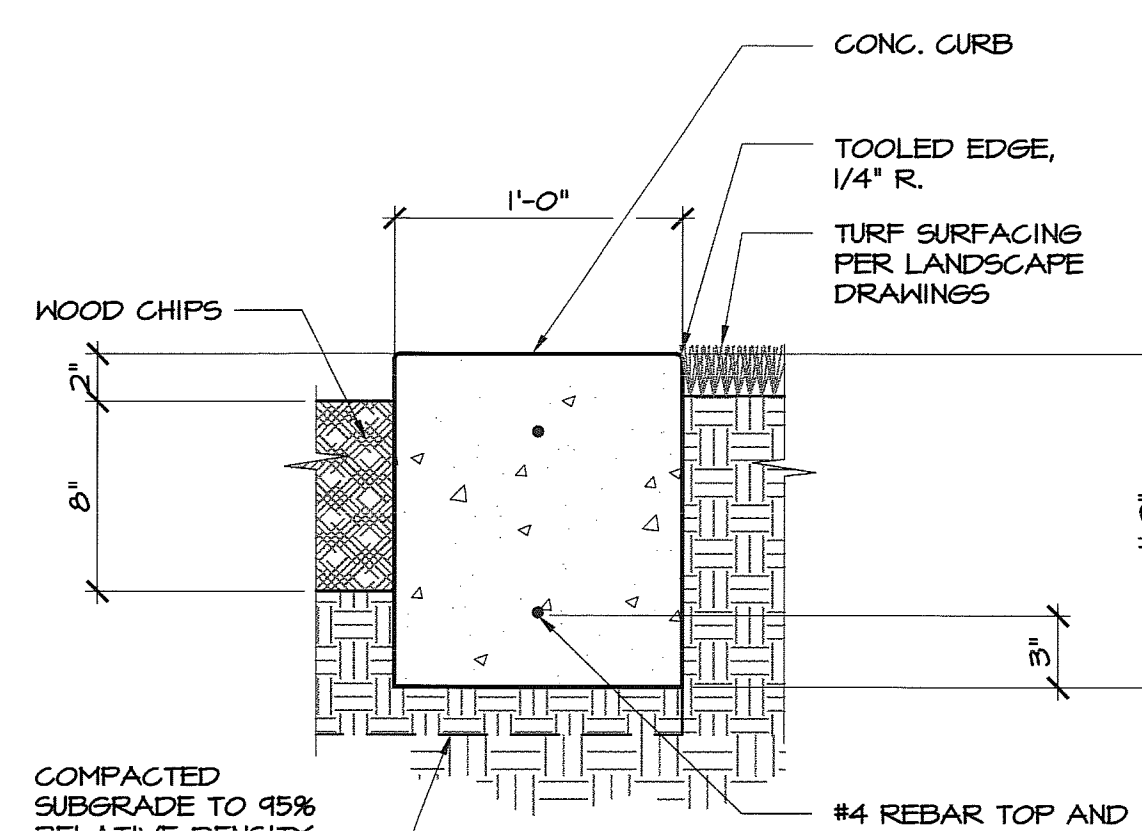
DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT I) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR FINDINGS OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCOMPLIANT BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENTS.

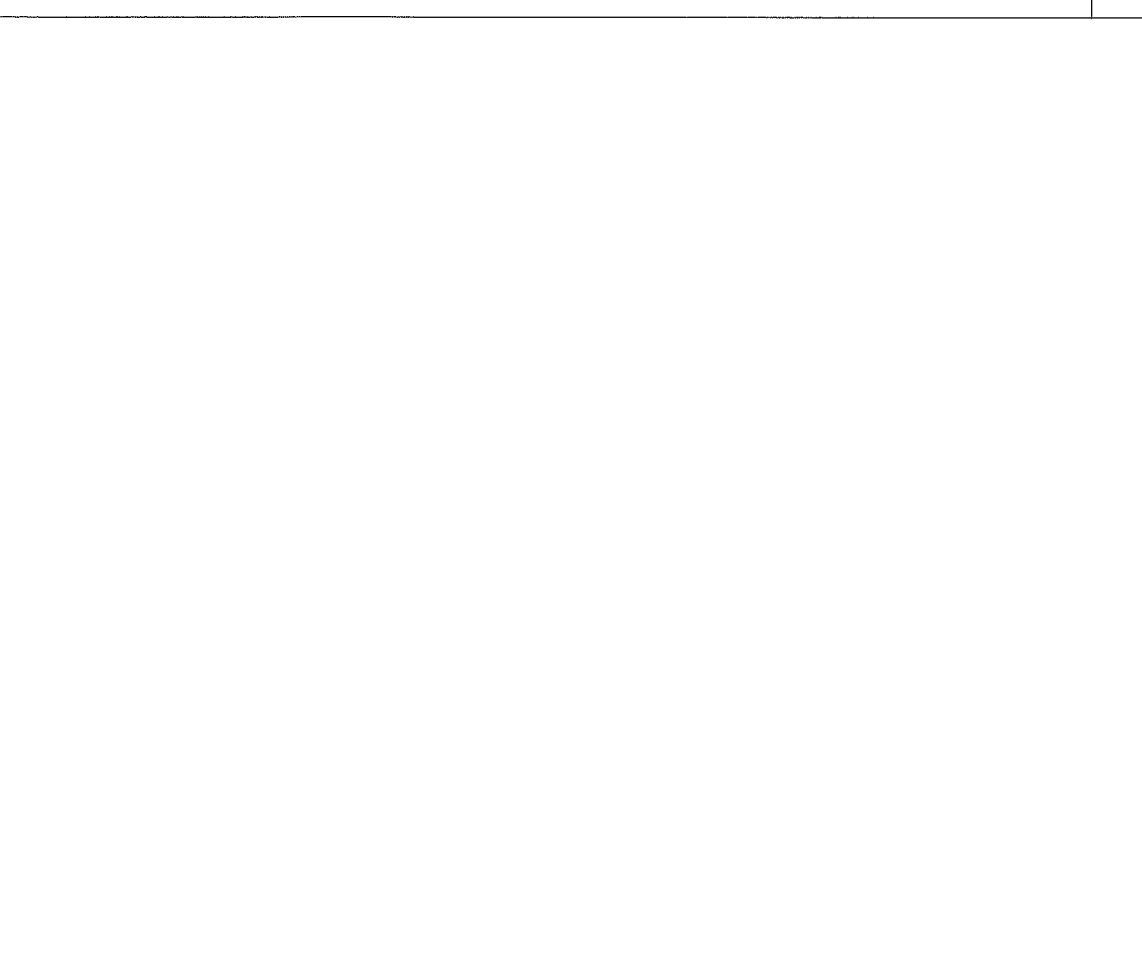
PARKING SUMMARY

PARKING LOT #1	
11	TOTAL PARKING STALLS
1	REQUIRED VAN ACCESSIBLE PARKING STALL
1	ACTUAL NUMBER OF VAN ACCESSIBLE PARKING STALL PROVIDED ON SITE
PARKING LOT #2	
21	TOTAL PARKING STALLS
1	REQUIRED VAN ACCESSIBLE PARKING STALL
1	ACTUAL NUMBER OF VAN ACCESSIBLE PARKING STALL PROVIDED ON SITE

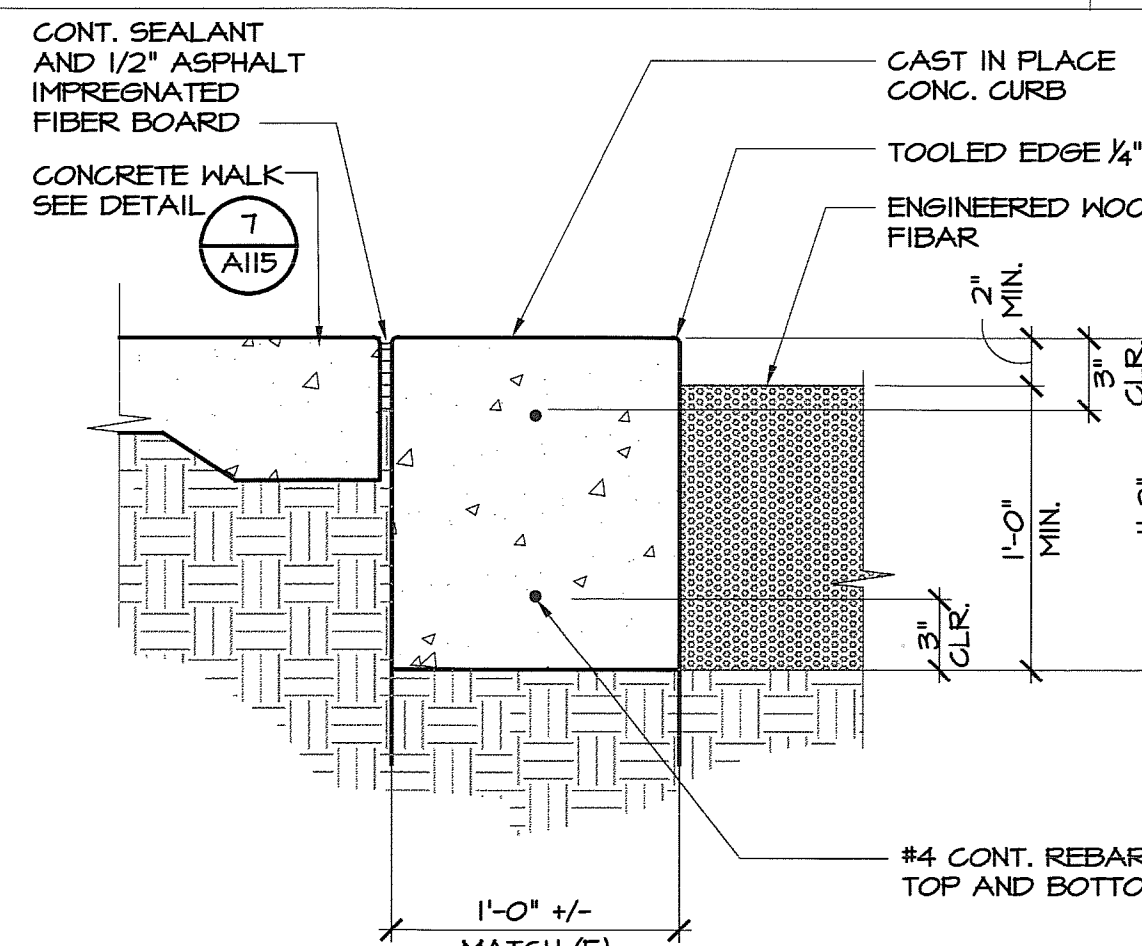
NOT USED



CONCRETE HEADER



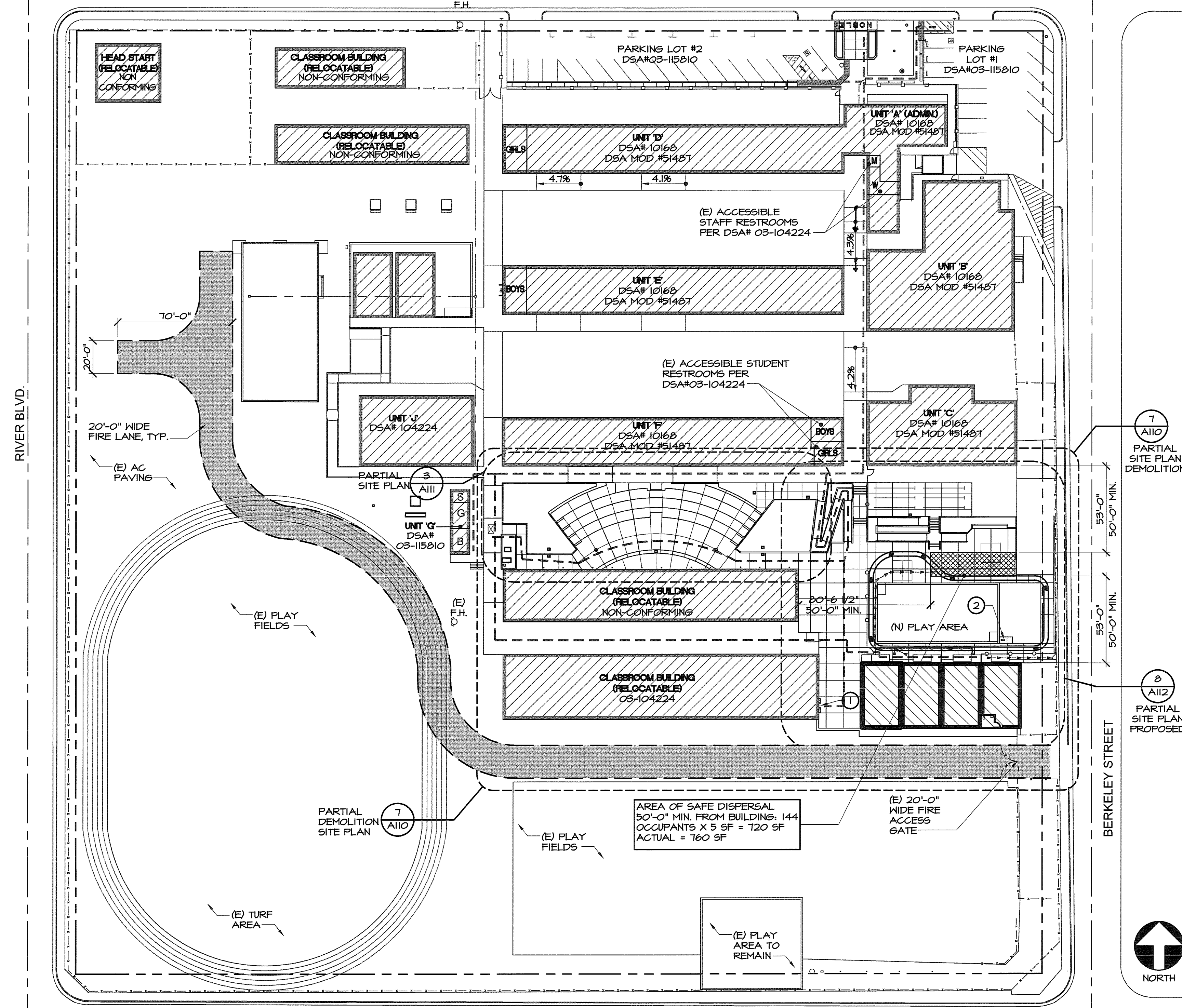
NOT USED



(N) CONCRETE CURB

1 1/2" = 1'-0" 8

NOBLE AVENUE



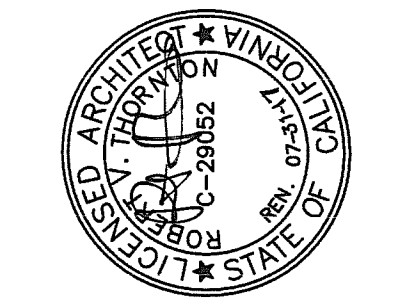
OVERALL SITE PLAN

1" = 40'-0" 12

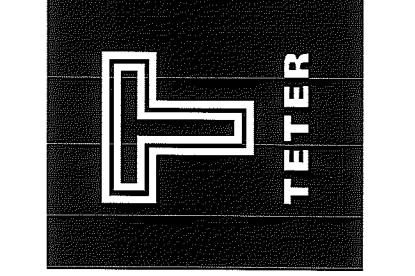
DATE	DESCRIPTION
8/06/15	DSA BACK CHECK

FILE NUMBER: 15-6
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL: 03-116415

AC: *FLS* *SS* *JIT*
DATE: NOV 10 2015



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125 S. BRIDGE ST. 150 | VISALIA, CA 93271 | 559.626.5246
1200 BROADWAY DR. 100 | BAKERSFIELD, CA 93301 | 805.860.9600
ARCHITECTS ENGINEERS CONNECTED



DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE
OVERALL SITE PLAN

PROJECT NO.
15-9630

DRAWING
A100

PLG DATE: 11/06/15

LOCAL FIRE AUTHORITY REVIEW

To facilitate the Division of the State Architect's (DSA) approval of the Fire/Life Safety portion of a project, DSA requires Local Fire Authority (LFA) review of certain elements as identified in this form. Use of this form is mandatory for projects that add square footage to a campus or if any item on this form is relevant to the project. For additional information, see DSA 810 Instructions and DSA Policy 09-01.

PROJECT INFORMATION
School District/Owner: Bakersfield City School District
Project Name/School: Noble Elementary School
Project Address: 1015 Noble Avenue Bakersfield, CA 93305

LOCAL FIRE AUTHORITY (LFA)
LFA Agency Name: BAKERSFIELD FIRE DEPT.
LFA Reviewer Name: ERNIE MEDINA
Title: FIRE PLANS EXAMINER
Email: emedina@bakershfire.us
Telephone Number: (661) 326-3652

I have reviewed and responded to the applicable items for this project as listed below.
LFA Reviewer's Signature: Ernie Medina
Date: 6/18/15
Review Key: "Y" = Complies with LFA requirements "N" = Not approved (complete Section 8)
"NA" = Not applicable to the project "NR" = LFA elects not to review

Table with 8 rows and 5 columns (Description, Y, N, NA, NR). Contains review items 1-8 regarding fire safety requirements.

Vertical table with columns for DATE, DESCRIPTION, MARK, and DSA 07C Submitted.

FILE NUMBER: 15-6 IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APPL: 03-116715

AC - FLs, SS, JTK DATE: NOV 10 2015



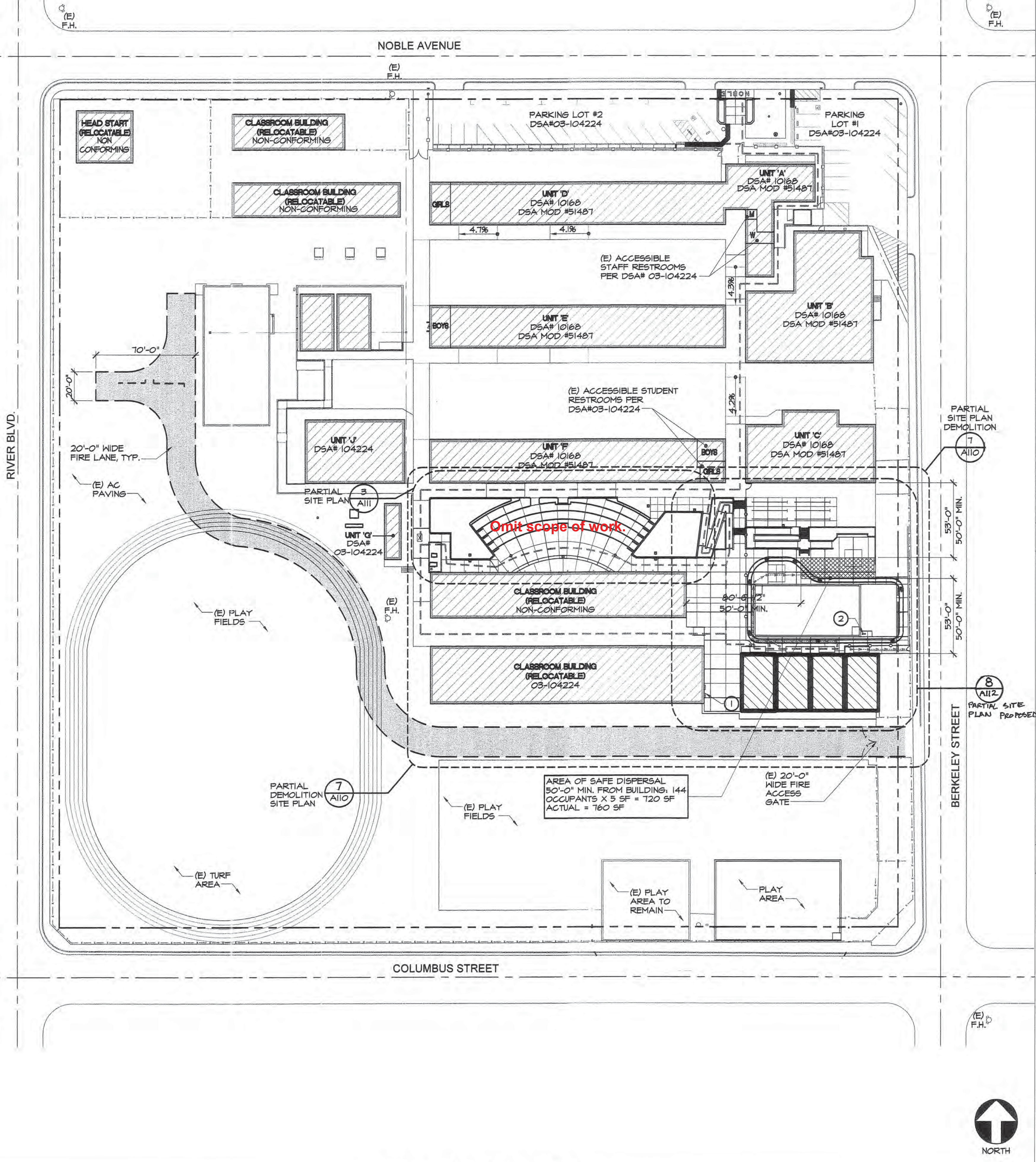
TETER, LLP 7555 N. PALM AVE. 201 | FRESNO, CA 93711 | 559-437-0887 1225 S. BRIDGE ST. 150 | VESALIA, CA 93291 | 559-425-5244 1200 DISCOVERY DR. 160 | BAKERSFIELD, CA 93309 | 661-840-9400 ARCHITECTS ENGINEERS CONNECTED



DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL BAKERSFIELD, CA DRAWING TITLE OVERALL SITE PLAN (LFA)

PROJECT NO. 15-4630

DRAWING A100F



NOT USED

1"=40'-0" 12 NOT USED

KEYNOTES

- 1. EXISTING HI-LOW ACCESSIBLE DRINKING FOUNTAIN TO REMAIN
2. NEW HI-LOW ACCESSIBLE DRINKING FOUNTAIN

GENERAL NOTES

A. KEYNOTES APPLY TO THIS SHEET ONLY.

LEGEND

- BUILDINGS:
EXISTING BUILDING WITH NO WORK UNDER THIS APPLICATION
NEW BUILDING UNDER THIS APPLICATION (SEE RELOCATABLE MANUFACTURER DRAWINGS)
SITE INFORMATION:
(E) FIRE HYDRANT
(E) SLOPE DOWN
PROPERTY LINE
(E) CHAIN LINK FENCE
6'-0" HIGH CHAIN LINK FENCE
(E) ORNAMENTAL FENCE
EXIT DISCHARGE TO AREA OF REFUGE

7

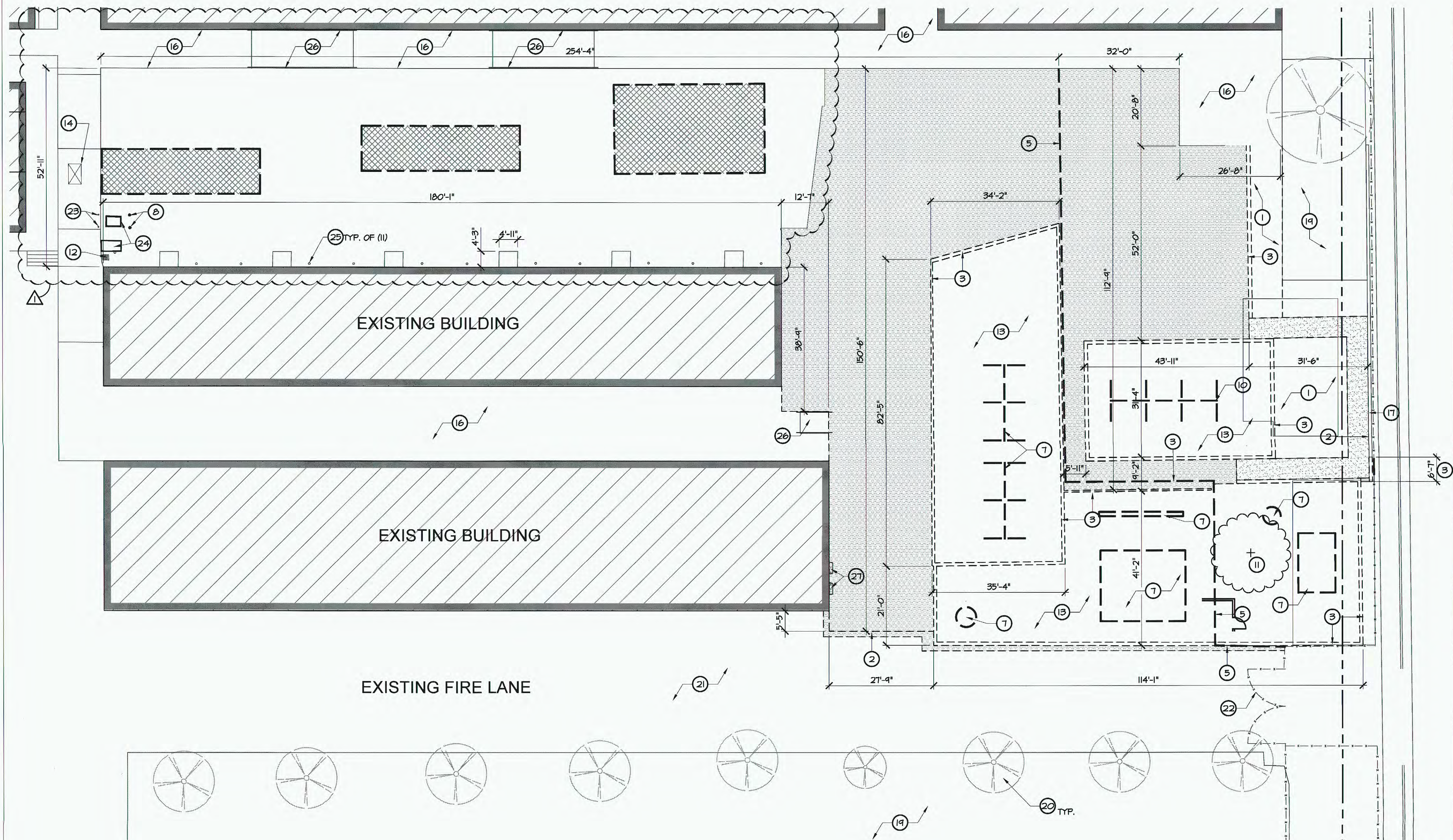
8

2

4

OVERALL SITE PLAN





PARTIAL DEMOLITION SITE PLAN



1/16"=1'-0" 7

KEYNOTES



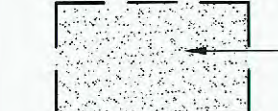
1. REMOVE EXISTING TURF, REROUTE (E) IRRIGATION SYSTEM AS REQUIRED
2. LINE OF SAWCUT
3. REMOVE EXISTING CONCRETE CURB
4. REMOVE (E) SOIL AND REPLACE WITH ENGINEERED WOOD FIBER SEE DETAIL (B) AND GENERAL NOTE F.
5. REMOVE EXISTING CHAIN LINK FENCE AND/OR GATE AND MOW CURB
6. NOT USED
7. REMOVE EXISTING PLAY STRUCTURE
8. REMOVE EXISTING BOLLARD
9. REMOVE EXISTING TETHERBALL POST AND FOOTING
10. NOT USED
11. EXISTING TREE TO BE REMOVED - GRIND DOWN EXISTING ROOTS SYSTEM TO 12" BELOW GRADE
12. EXISTING DRAIN INLET TO BE REVISED - SEE CIVIL DRAWINGS
13. EXISTING WOOD CHIPS, REMOVE, SALVAGE, AND RELOCATE TO OWNER DESIGNATED LOCATION
14. EXISTING ELECTRICAL PULL BOXES, RAISE TO NEW CONCRETE LEVEL
15. CONCRETE RAMP FLUSH W/ EXISTING ASPHALT PAVING AT TOP. SEE (A) A115
16. EXISTING CONCRETE PAVING TO REMAIN/PROTECT
17. EXISTING CONCRETE CURB TO REMAIN
18. EXISTING POST TO REMAIN
19. EXISTING LANDSCAPE AREA TO REMAIN/PROTECT
20. EXISTING TREES TO REMAIN
21. EXISTING ASPHALT PAVING TO REMAIN
22. EXISTING FENCE AND/OR GATE TO REMAIN
23. REMOVE EXISTING BOLLARD
24. EXISTING ELECTRICAL COMPONENTS, - SEE ELECTRICAL DRAWINGS
25. EXISTING ELECTRICAL CONDUIT RISERS TO REMAIN - SEE ELECTRICAL DRAWINGS
26. EXISTING RAMP AND HANDRAIL TO REMAIN
27. EXISTING HI-LOW DRINKING FOUNTAIN TO REMAIN PER A# 03-104224
28. EXISTING PLAY STRUCTURE TO REMAIN
29. NEW CONCRETE CURB, SEE (B) A100

LEGEND

BUILDINGS:

-  EXISTING BUILDING:
NO SCOPE OF WORK IN THIS PROJECT
-  RELOCATE EXISTING BUILDING:
REMOVE EXISTING RELOCATABLE BUILDING & DELIVER TO OWNER DESIGNATED LOCATION OFF SITE

SITE INFORMATION:

-  X REMOVE EXISTING CHAIN LINK FENCE
-  REMOVE ASPHALT PAVING, (SEE CIVIL DRAWING FOR ADDITIONAL INFORMATION)
-  REMOVE CONCRETE PAVING, (SEE CIVIL DRAWING FOR ADDITIONAL INFORMATION)

GENERAL NOTES

- A. KEYNOTES APPLY TO THIS DRAWING ONLY
- B. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION
- C. REFER TO LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION
- D. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- E. GROUND SURFACES SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F 1951

4/3/2017	ADDENDUM 1	DESCRIPTION	DATE	11/10/15	DSA BACK CHECK
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FILE NUMBER: 15-6
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL: 03-116415

AC: _____ FLS: _____ SS: _____

DATE: _____



APPROVED
DIV. OF THE STATE ARCHITECT
LOS ANGELES REGIONAL OFFICE
SS: TH FLS: 16
DATE: JUL 24 2017

TETER, LLP
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1226 BRIDGEWAY | BAKERSFIELD, CA 93311 | 555.663.3446
1226 BRIDGEWAY DR. | BAKERSFIELD, CA 93305 | 555.663.3446



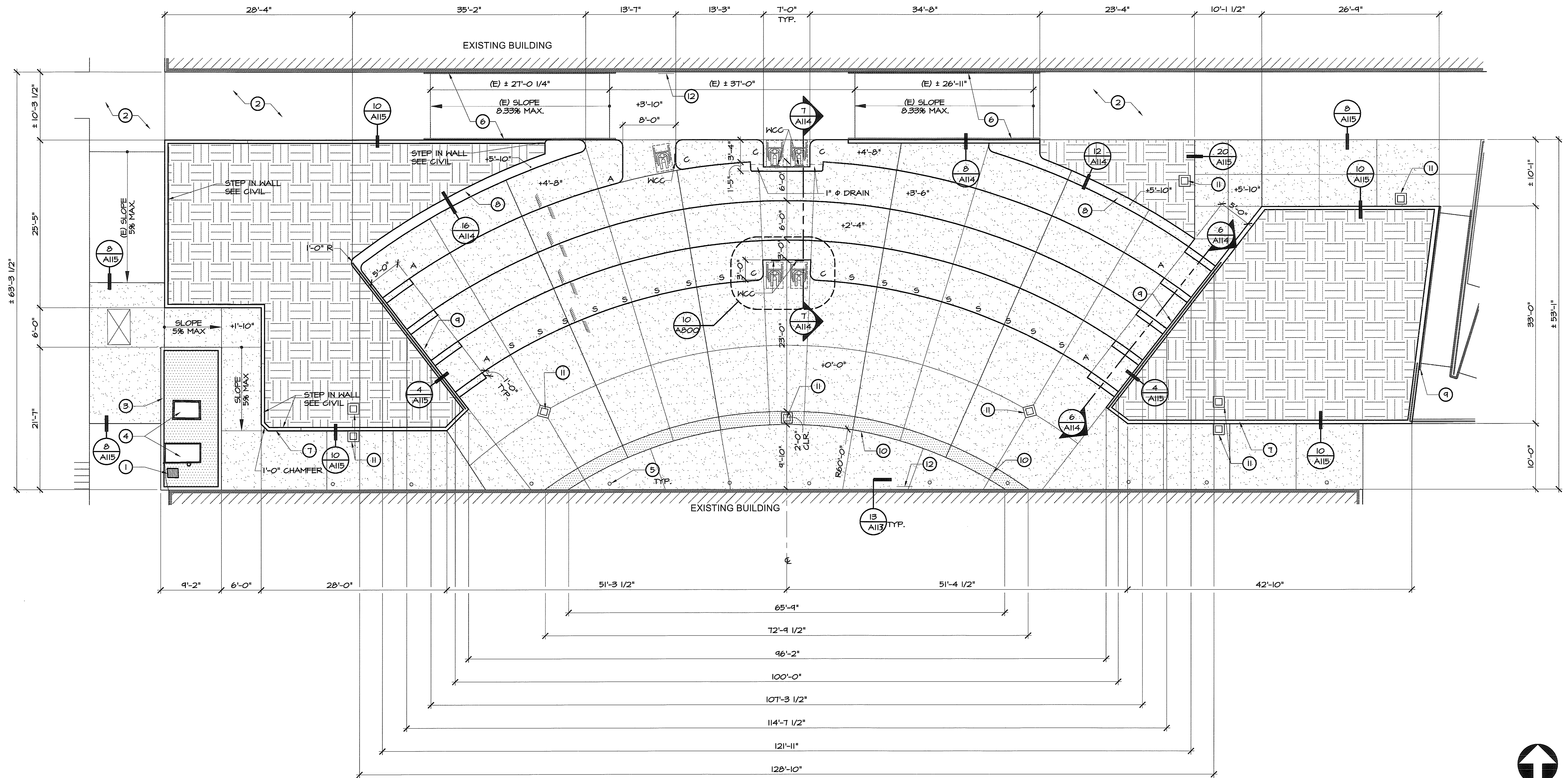
DOH PORTABLE
REPLACEMENT
NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE
PARTIAL DEMOLITION SITE PLAN

PROJECT NO.

15-4630

DRAWING

A110



PARTIAL SITE PLAN

1/8" = 1'-0" 3

KEYNOTES

1. EXISTING DRAIN INLET TO BE REVISED - FLUSH WITH NEW AC PAVING
2. EXISTING CONCRETE PAVING TO REMAIN/PROTECT
3. 6" RAISED CONCRETE CURB
4. EXISTING ELECTRICAL COMPONENTS - SEE ELECTRICAL DRAWINGS
5. EXISTING ELECTRICAL CONDUIT RISERS TO REMAIN - SEE ELECTRICAL DRAWINGS
6. EXISTING RAMP AND HANDRAIL TO REMAIN
7. CONCRETE RAISED PLANTER, SEE (10) A115
8. CONCRETE PLANTER / SEATING WALL
9. HANDRAIL, SEE (11) A113
10. 2'-0" WIDE EXPOSED AGGREGATE TEXTURE WITH STAINLESS STEEL EDGE
11. DRAIN, SEE CIVIL DRAWINGS - GRATING OPENING SHALL BE 1/2" MAX. FOR DRAINS ON THE WALKWAYS
12. ASSISTED LISTENING SIGN, SEE (4) A100 FOR SIGN REQUIRED

LEGEND

- EXISTING BUILDING: NO SCOPE OF WORK IN THIS PROJECT
- (N) 4" THICK CONCRETE PAVING CONSTRUCTION, ISOLATION, CONTRACTION JOINT, SEE (7) A115
- (N) ASPHALT PAVING
- (N) PLANTER SEE LANDSCAPE DRNGS.
- 30X48 CLEAR SPACE FOR WHEELCHAIR
- XX-X WALL SIGNAGE, SEE (4) A100

SEATING (CBC 11B-221)	
WHEELCHAIR SEAT (5 REQUIRED): PER TABLE 11B-221.2.1	5 PROVIDED
COMPANION SEAT (1 PER WHEELCHAIR REQ'D): (ONE PER WHEEL CHAIR SPACE PER CBC 11B-221.3)	5 PROVIDED
SEMI-AMBULATORY (1% REQUIRED): (1% OF ALL SEATS SHALL BE SEMI-AMBULATORY PER CBC 11B-221.6)	16 PROVIDED
AISLE SEAT: (5% OF ALL AISLE SEATS SHALL BE DESIGNATED AISLE SEATS PER CBC 11B-221.4)	4 PROVIDED
REGULAR SEAT:	253 PROVIDED
TOTAL NUMBER OF SEATS:	263

- A. KEYNOTES APPLY TO THIS DRAWING ONLY
- B. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION
- C. REFER TO LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION
- D. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

GENERAL NOTES

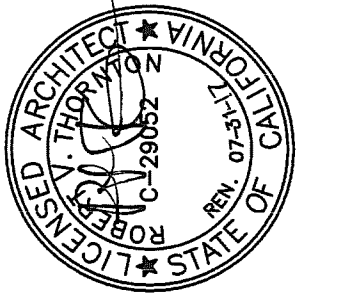
REQUIRED ASSISTIVE LISTENING SYSTEM:
 (12) PORTABLE ASSISTIVE LISTENING SYSTEM RECEIVERS WITH HEARING AID COMPATIBILITY SHALL BE PROVIDED BY OWNER FOR USE IN AMPHITHEATER. RECEIVERS SHALL INCLUDE A 1/8 INCH STANDARD MONO JACK AND SHALL INTERFACE WITH THE TELECOILS IN HEARING AIDS VIA NECKLOOPS. SYSTEM SHALL PROVIDE A SOUND PRESSURE LEVEL RANGE OF 110 dB MIN. AND 118 dB MAX. WITH A DYNAMIC RANGE ON THE VOLUME CONTROL OF 50 dB. THE SIGNAL-TO-NOISE RATIO FOR INTERNALLY GENERATED NOISE SHALL BE 18 dB MIN. PEAK CLIPPING SHALL NOT EXCEED 18 dB OF CLIPPING RELATIVE TO THE PEAKS OF SPEECH. SYSTEM SHALL FULLY COMPLY WITH 2013 CBC SECTIONS: 11B-219 AND 11B-106. WALL MOUNTED SIGN(S) COMPLYING WITH CBC SECTION 11B-216.10 AND DETAIL 4 (ALS-1) ON SHEET A100 SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR AS INDICATED ON THE FLOOR PLAN.

ASSISTED LISTENING SYSTEM

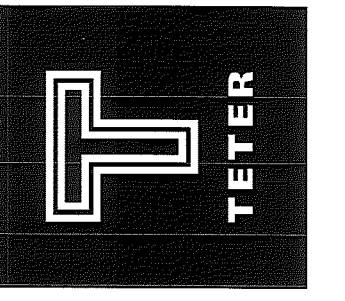
DATE	DESCRIPTION
8/08/15	DSA BACK CHECK

FILE NUMBER: 15-6
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 DIVISION OF THE STATE ARCHITECT
 APPL: 03-116415

AC: *FLS* SS: *JA*
 DATE: NOV 10 2015



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 123 S. BRIDGE ST. 150 | VISALIA, CA 93271 | 559.425.2244
 1200 DISCOVERY DR. 160 | BAKERSFIELD, CA 93307 | 661.843.8400

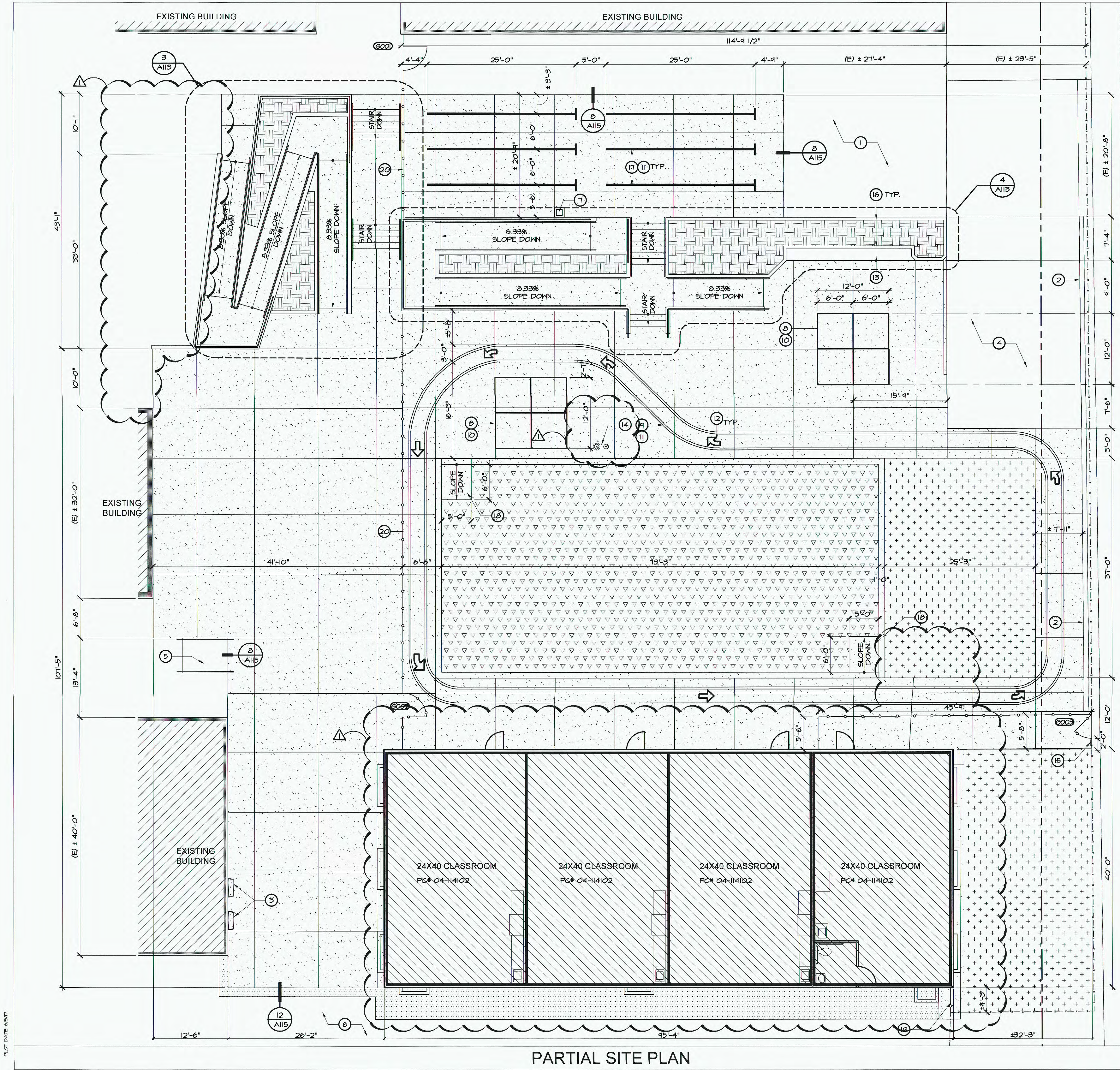


DOH PORTABLE
 REPLACEMENT
 NOBLE ELEMENTARY SCHOOL
 BAKERSFIELD, CA
 DRAWING TITLE
 PARTIAL SITE PLAN

PROJECT NO.
 15-4630

DRAWING
A111

PLOT DATE: 10/6/15



PARTIAL SITE PLAN

KEYNOTES

1. EXISTING CONCRETE PAVING TO REMAIN / PROTECT
2. EXISTING CONCRETE CURB TO REMAIN
3. EXISTING HI-LOW DRINKING FOUNTAIN TO REMAIN
4. EXISTING LANDSCAPE AREA TO REMAIN / PROTECT, RETURN ALL ADJACENT LANDSCAPE AFFECTED BY CONSTRUCTION ACTIVITIES TO EXISTING CONDITION LANDSCAPE DRAWINGS
5. EXISTING RAMP AND HANDRAIL TO REMAIN
6. EXISTING ASPHALT PAVINGS TO REMAIN
7. DRAIN, SEE CIVIL DRAWINGS
8. NEW FOUR SQUARE
9. NEW BIKE TRAIL
10. 2" WIDE WHITE PAINT STRIPING
11. 4" WIDE WHITE PAINT STRIPING
12. NEW PAINTED DIRECTION ARROWS
13. NEW CONCRETE BENCH
14. NEW HI-LOW DRINKING FOUNTAIN
15. EXIT SIGN FENCE MOUNTED SEE DETAIL
16. CONCRETE RAISED PLANTER
17. STUDENT LINE UP
18. PLAY YARD ACCESS RAMP, SEE
19. CHAIN LINK FENCE INFILL
20. 4'-0" HIGH CHAIN LINK FENCE

LEGEND

- BUILDINGS:**
- EXISTING BUILDING: NO SCOPE OF WORK IN THIS PROJECT
 - NEW BUILDING: PROVIDE AC PAVING UNDER BUILDING, PROVIDE A 2" GROWN AT THE CENTER OF BUILDING AND SLOPE OUT TO THE PERIMETER TO PREVENT WATER FLOODING
- SITE INFORMATION:**
- (E) 6'-0" HIGH CHAIN LINK FENCE/GATE
 - (N) 6'-0" HIGH CHAIN LINK FENCE - U.N.O.
 - (N) CONCRETE PAVING CONSTRUCTION ISOLATION, CONTRACTION JOINT, SEE
 - (N) TURF- SEE LANDSCAPE DWGS.
 - (N) ASPHALT PAVING
 - ENGINEERED WOOD FIBAR SEE GENERAL NOTE B.
 - (N) PLANTER SEE LANDSCAPE DWGS.
 - SEE GATE SCHEDULE

GENERAL NOTES

- A. KEYNOTES APPLY TO THIS DRAWING ONLY.
- B. GROUND SURFACES SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F 1951

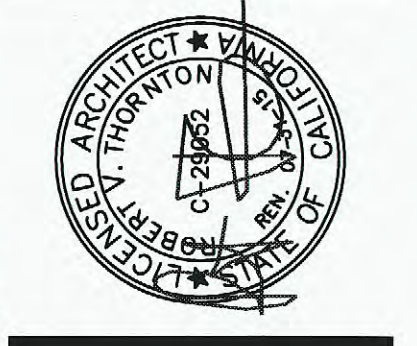
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DATE	DESCRIPTION	MARK	DATE	DESCRIPTION
04/04/2017	ADDENDUM 1		11/10/15	DSA BACK CHECK

FILE NUMBER: 15-6
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
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DATE:



APPROVED
 DIV. OF THE STATE ARCHITECT
 LOS ANGELES REGIONAL OFFICE
 SS FLS AC
 DATE: JUL 24 2017

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 125 S. BRIDGE ST. 150 | VISALIA, CA 93291 | 555.653.9246
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ARCHITECTS ENGINEERS CONNECTED

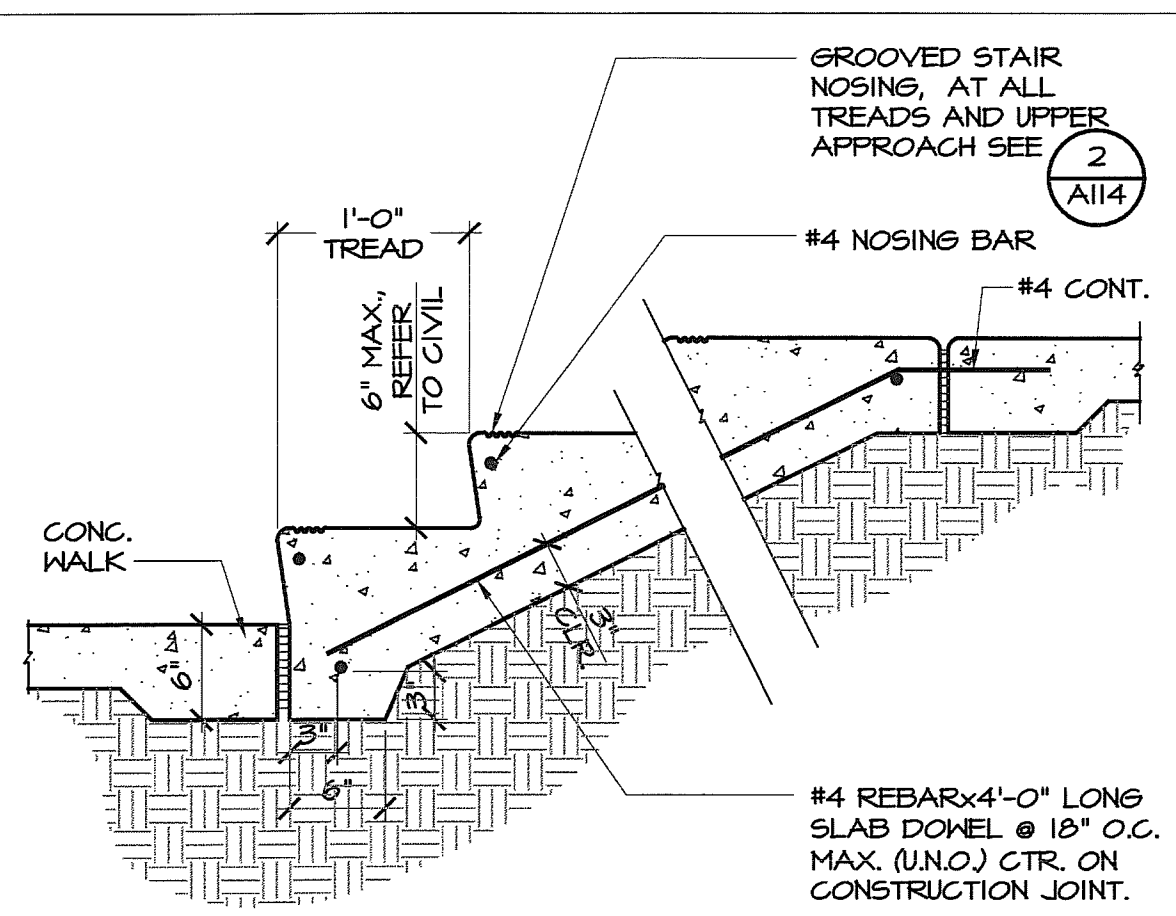


DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL
 BAKERSFIELD, CA
 DRAWING TITLE
PARTIAL SITE PLAN

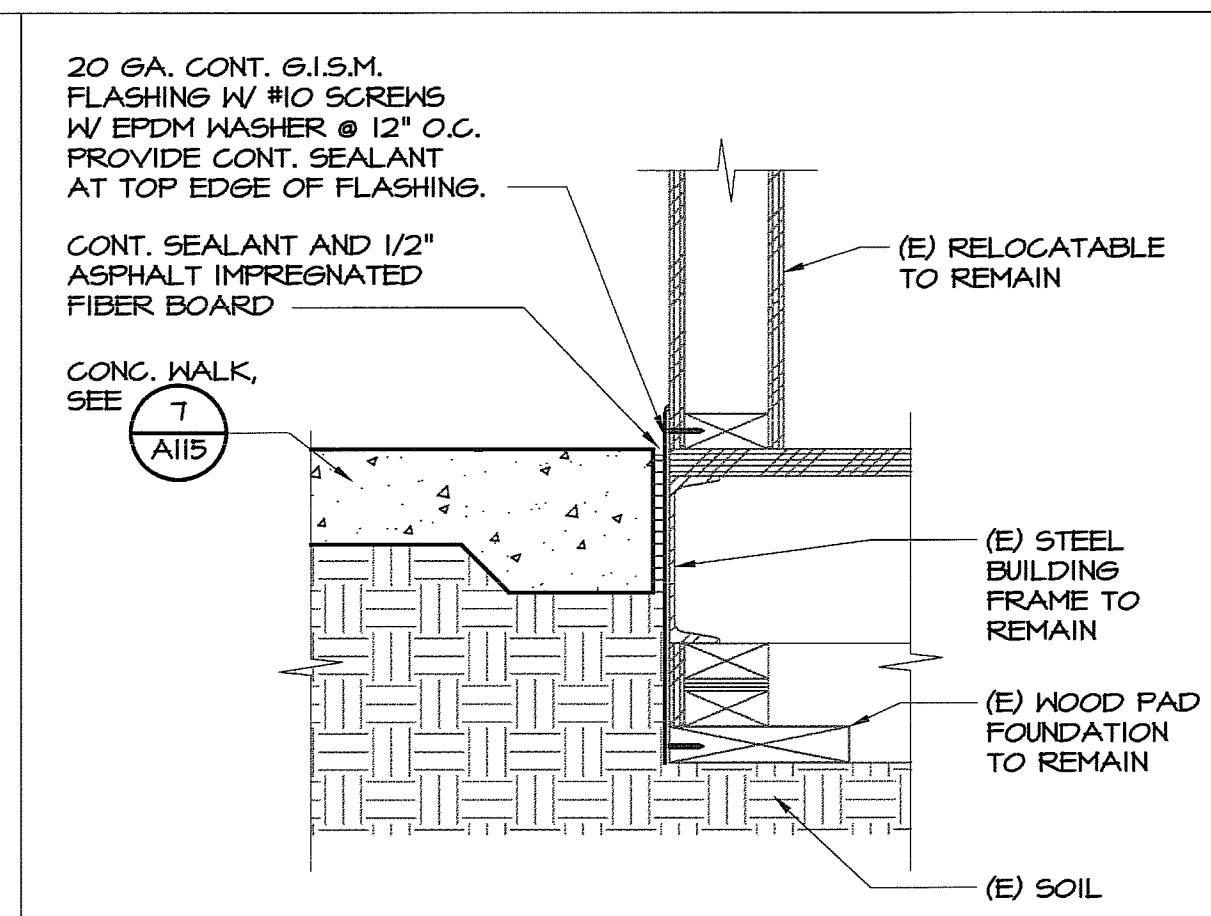
PROJECT NO.
15-4630

DRAWING
A112

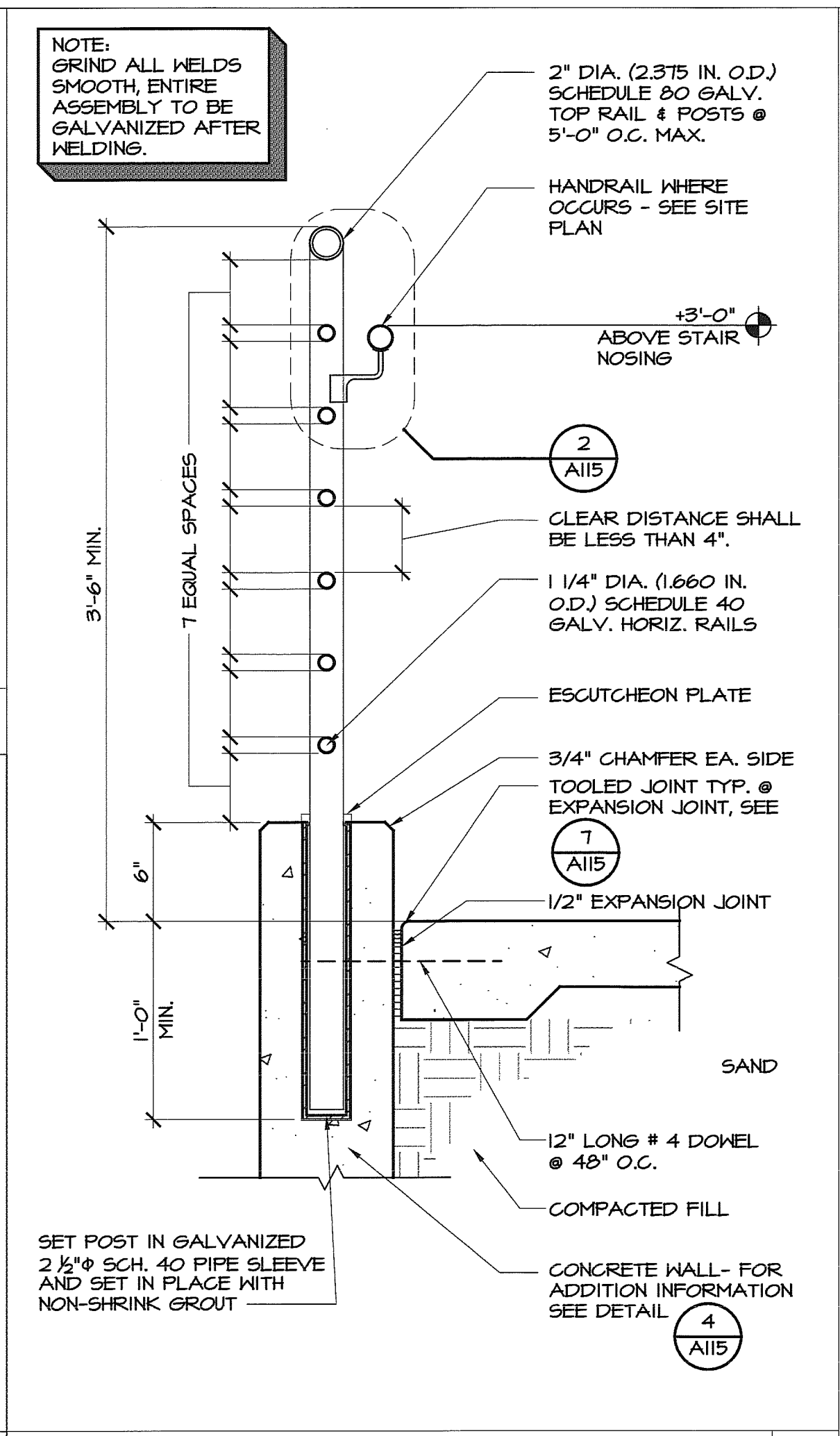




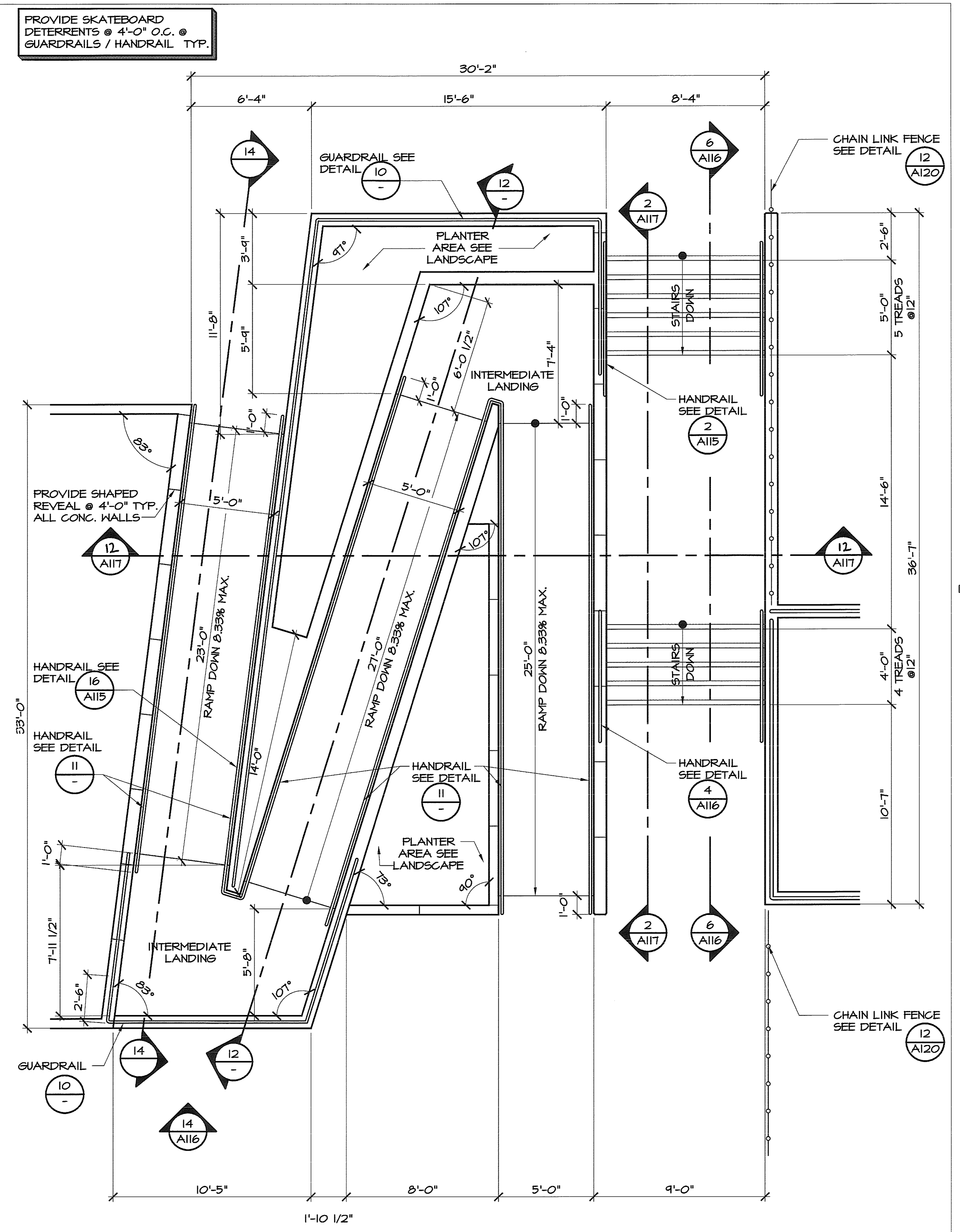
CONCRETE STAIR DETAIL 1'-0" 17



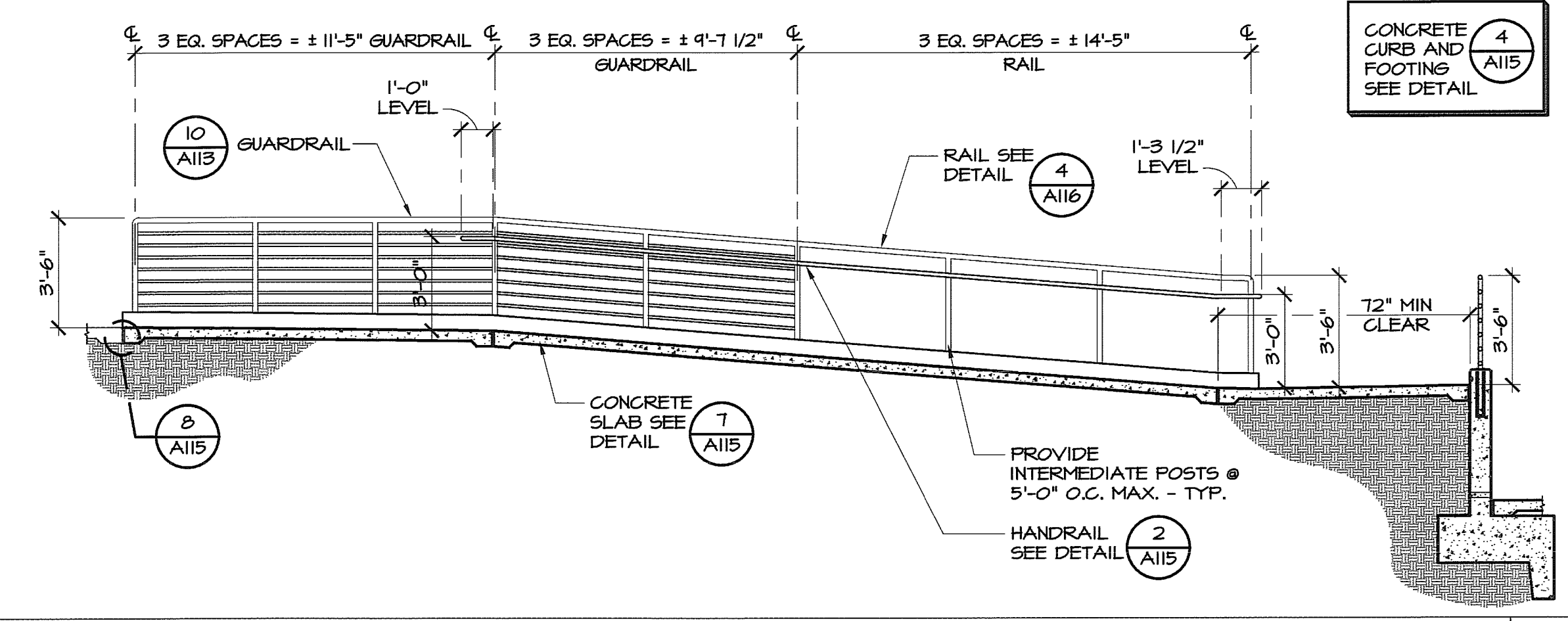
CONC. WALK @ (E) BUILDING 1 1/2'-1'-0" 13



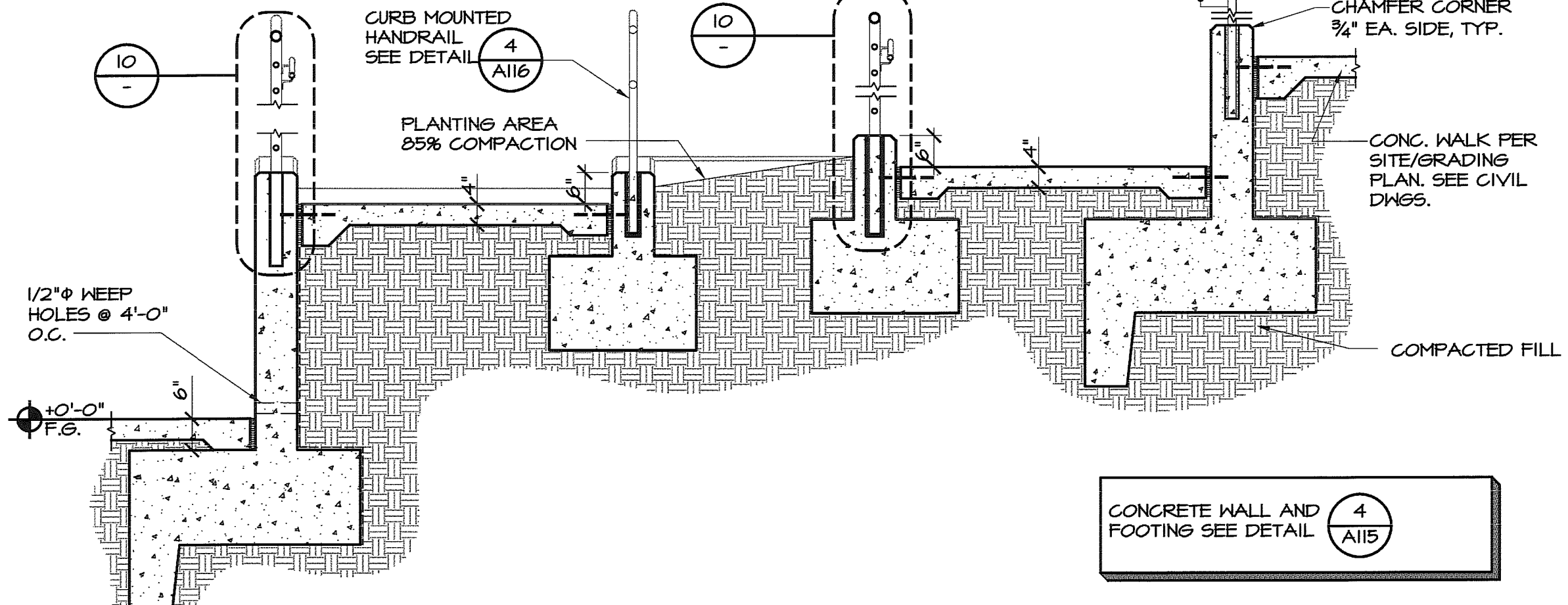
GUARDRAIL 1 1/2' = 1'-0" 10



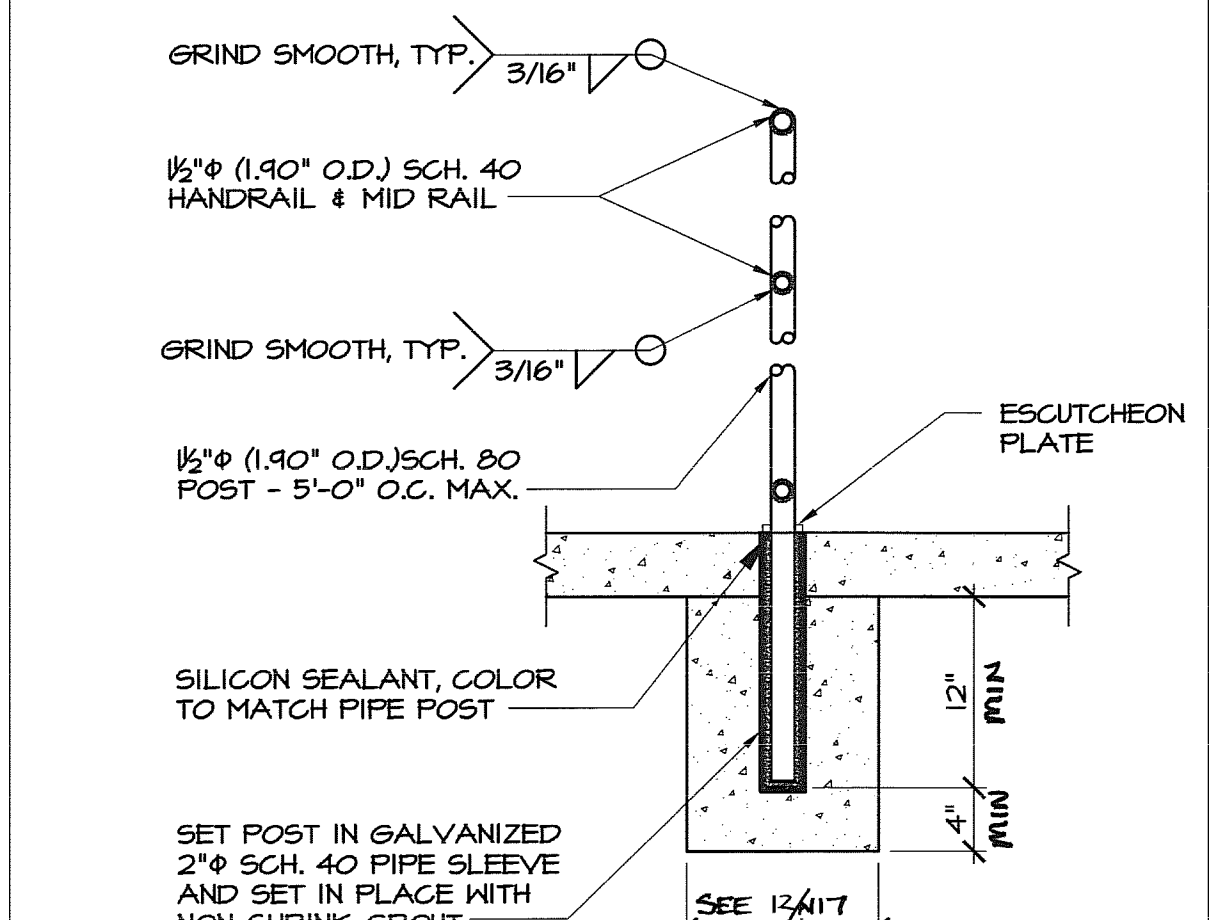
RAMP / STAIR 1/4" = 1'-0" 3



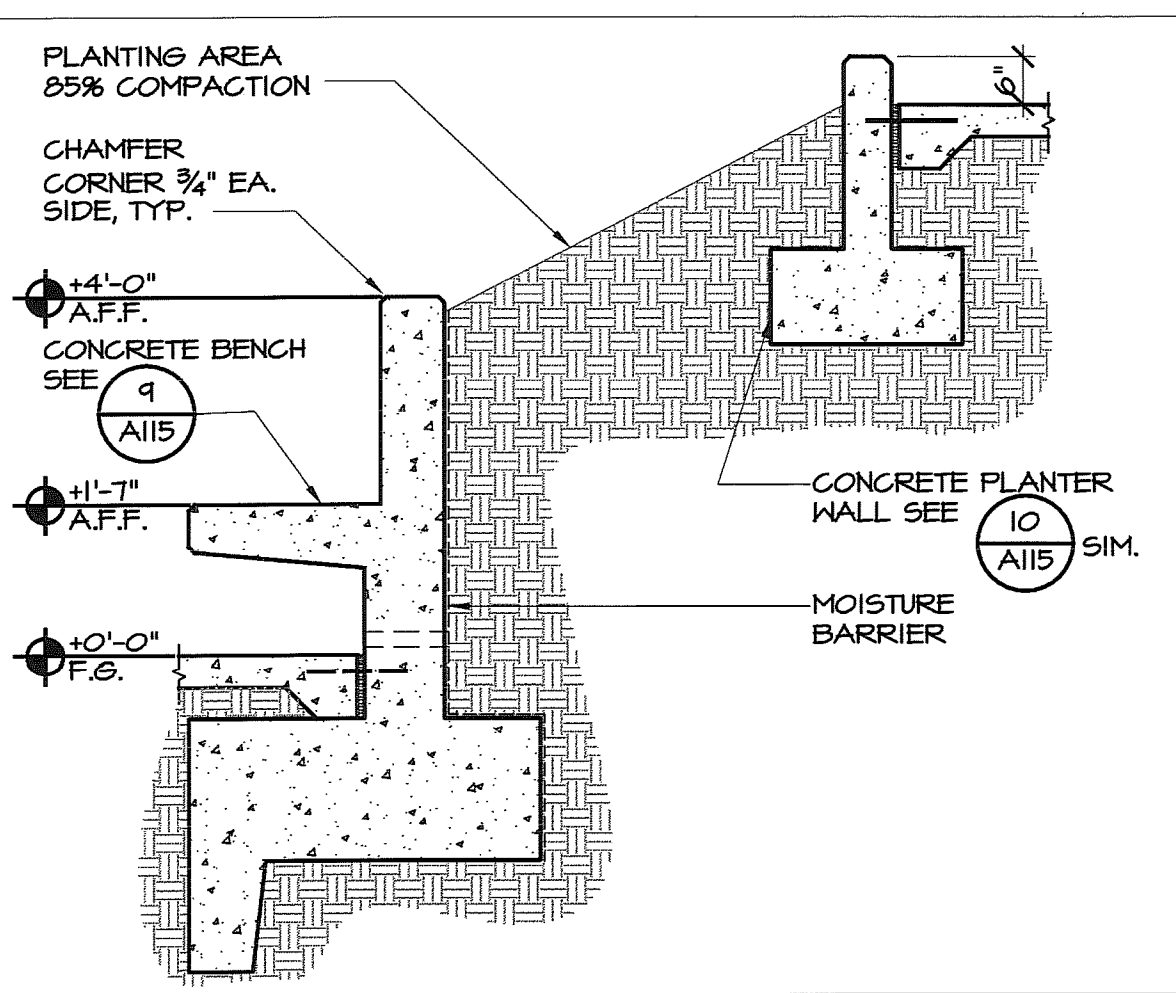
RAMP ELEVATION / SECTION 1/4" = 1'-0" 14



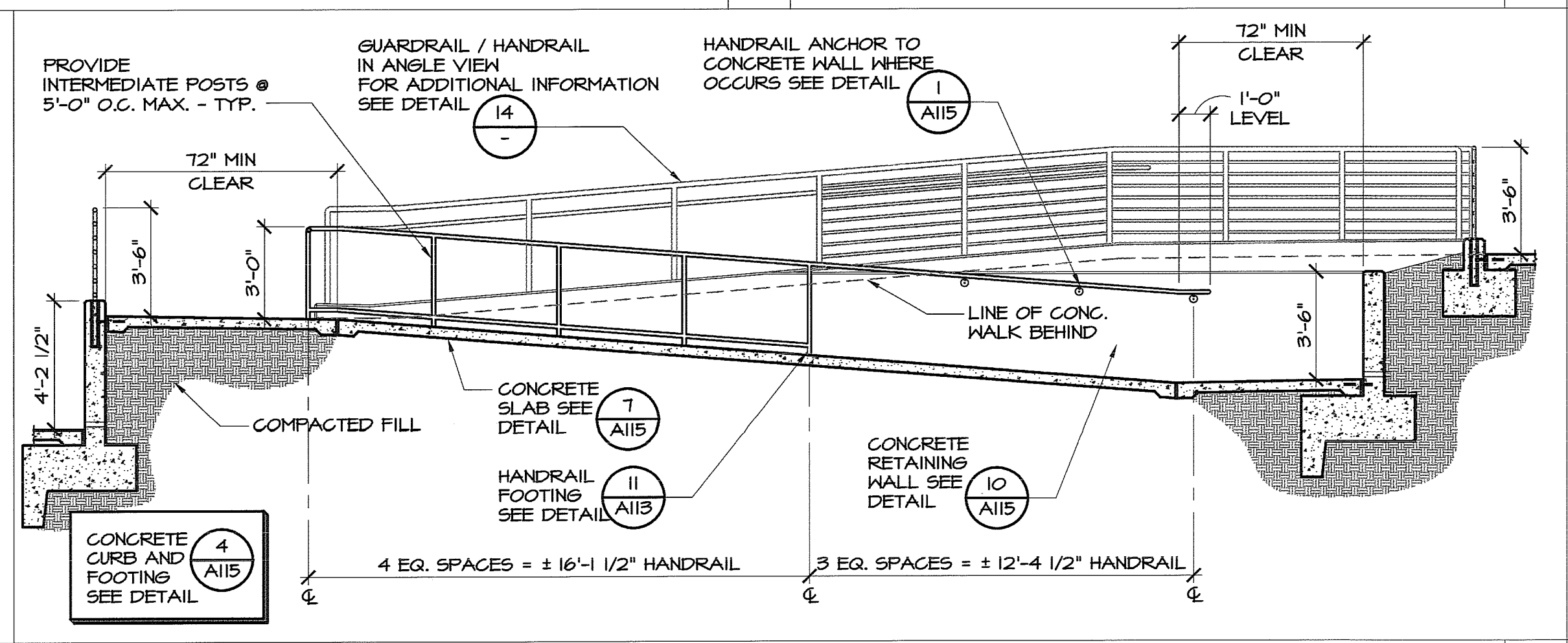
RAMP 1/2" = 1'-0" 15



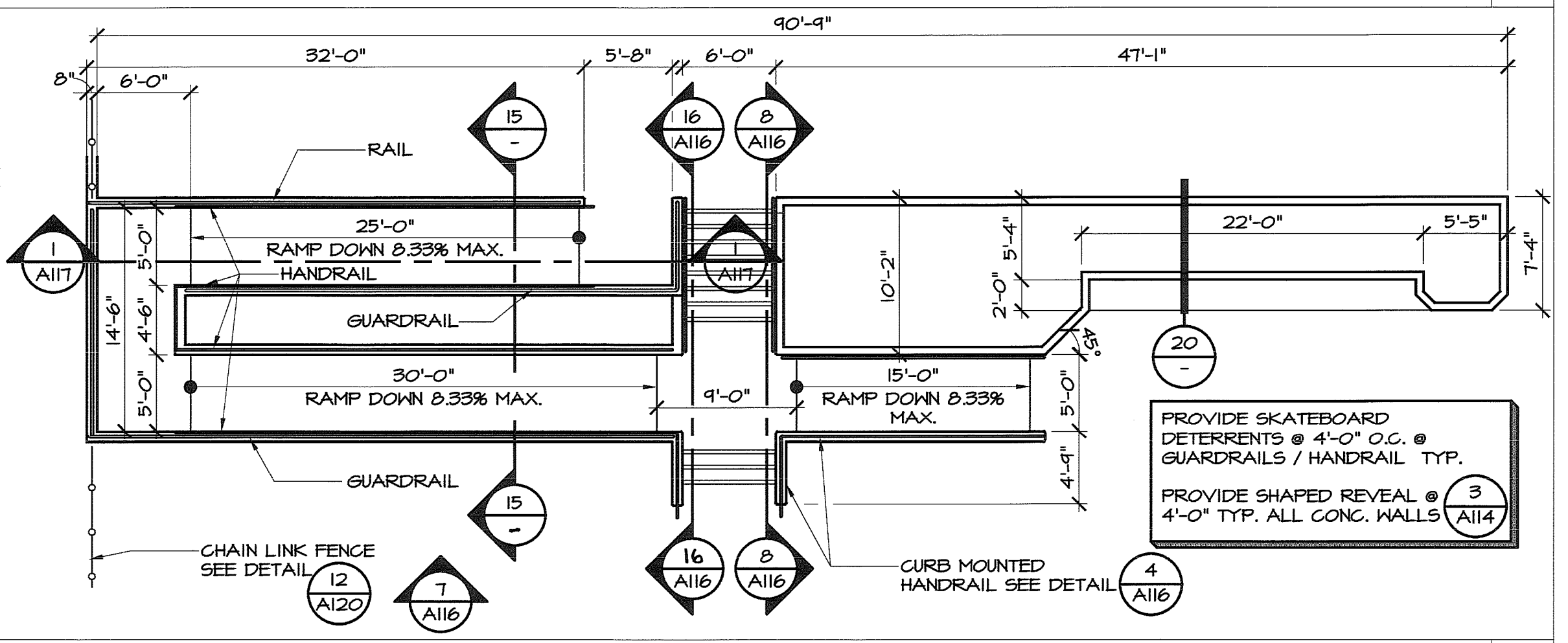
HANDRAIL AND FOOTING 1'-1'-0" 11



PLANTER SECTION 1/2" = 1'-0" 20



RAMP ELEVATION / SECTION 1/4" = 1'-0" 12



RAMP/STAIR 1/8" = 1'-0" 4

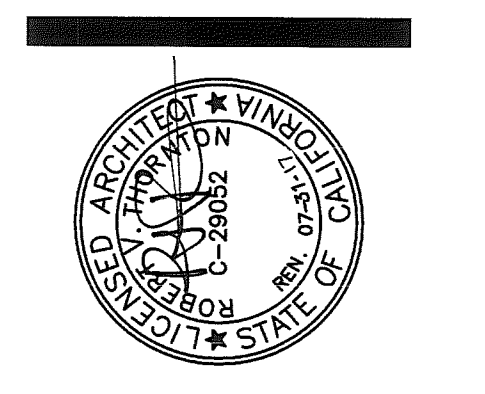
NOTE: GRIND ALL WELDS SMOOTH, ENTIRE ASSEMBLY TO BE GALVANIZED AFTER WELDING.

PROVIDE SKATEBOARD DETERRENTS @ 4'-0" O.C. @ GUARDRAILS / HANDRAIL TYP.

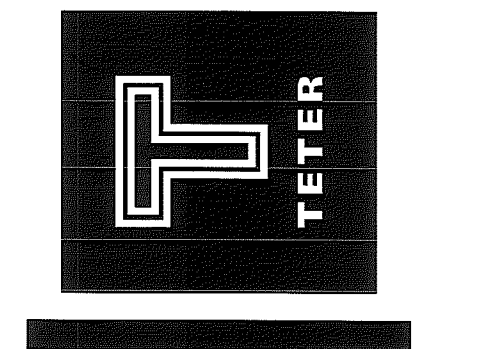
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8/06/15	DSA BACK CHECK

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DATE: NOV 10 2015



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DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE
SITE PLAN

PROJECT NO.
15-4630

DRAWING
A113

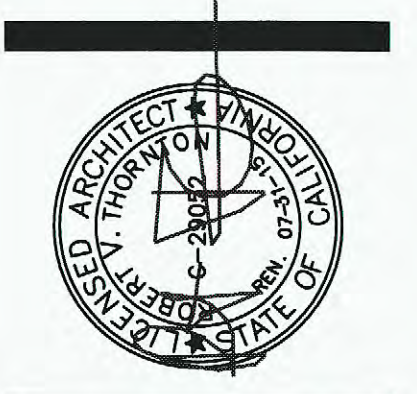
PLOT DATE: 10/6/15

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DATE	DESCRIPTION	MARK
04/04/17	ADDENDUM 1	
11/10/15	DSA BACK CHECK	A

FILE NUMBER: 15-6
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL: 03-116415

AC: FLS SS
 DATE:



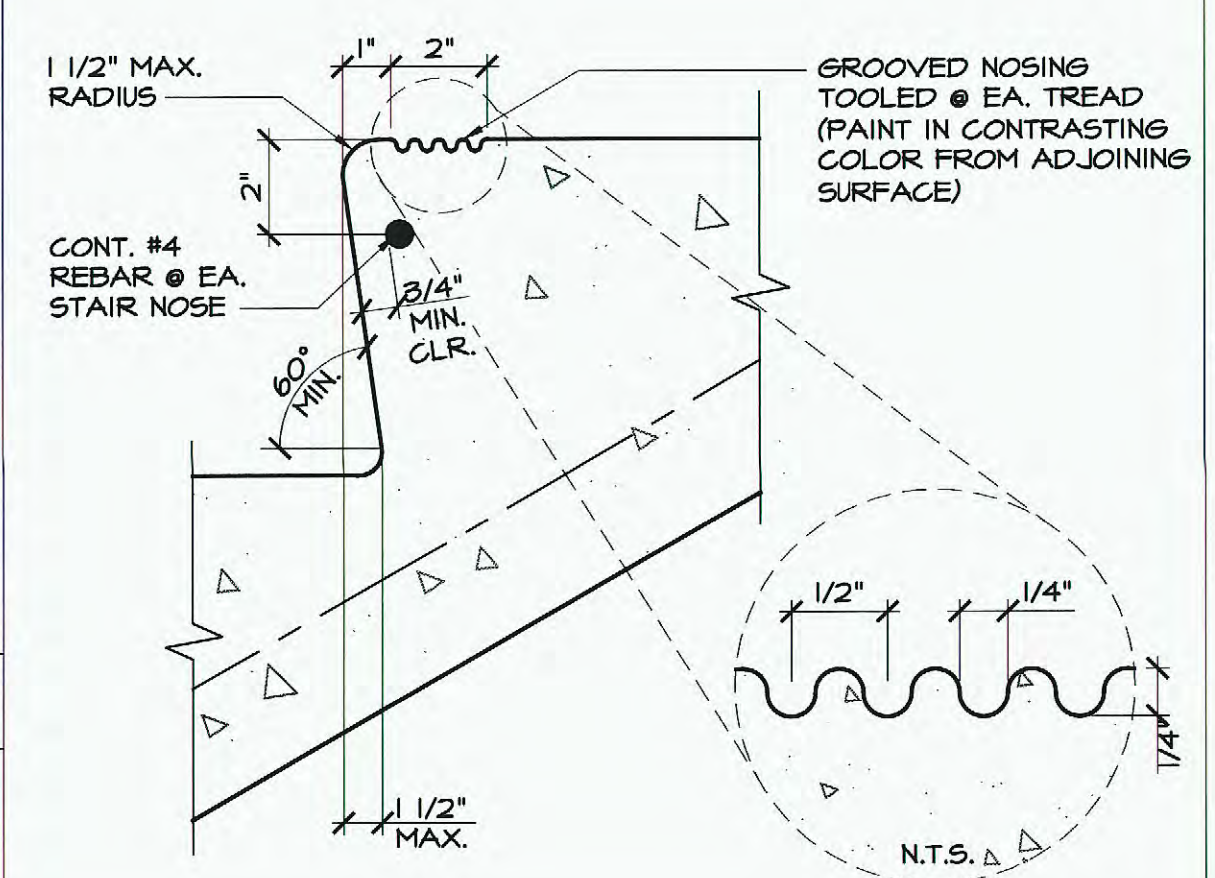
TETER, LLP
 ARCHITECTS ENGINEERS CONNECTED
 7335 N. PALM AVE. 201 | FRESNO, CA 93711 | 559.437.6887
 1208 DISCOVERY DR. | BAKERSFIELD, CA 93301 | 805.843.8400



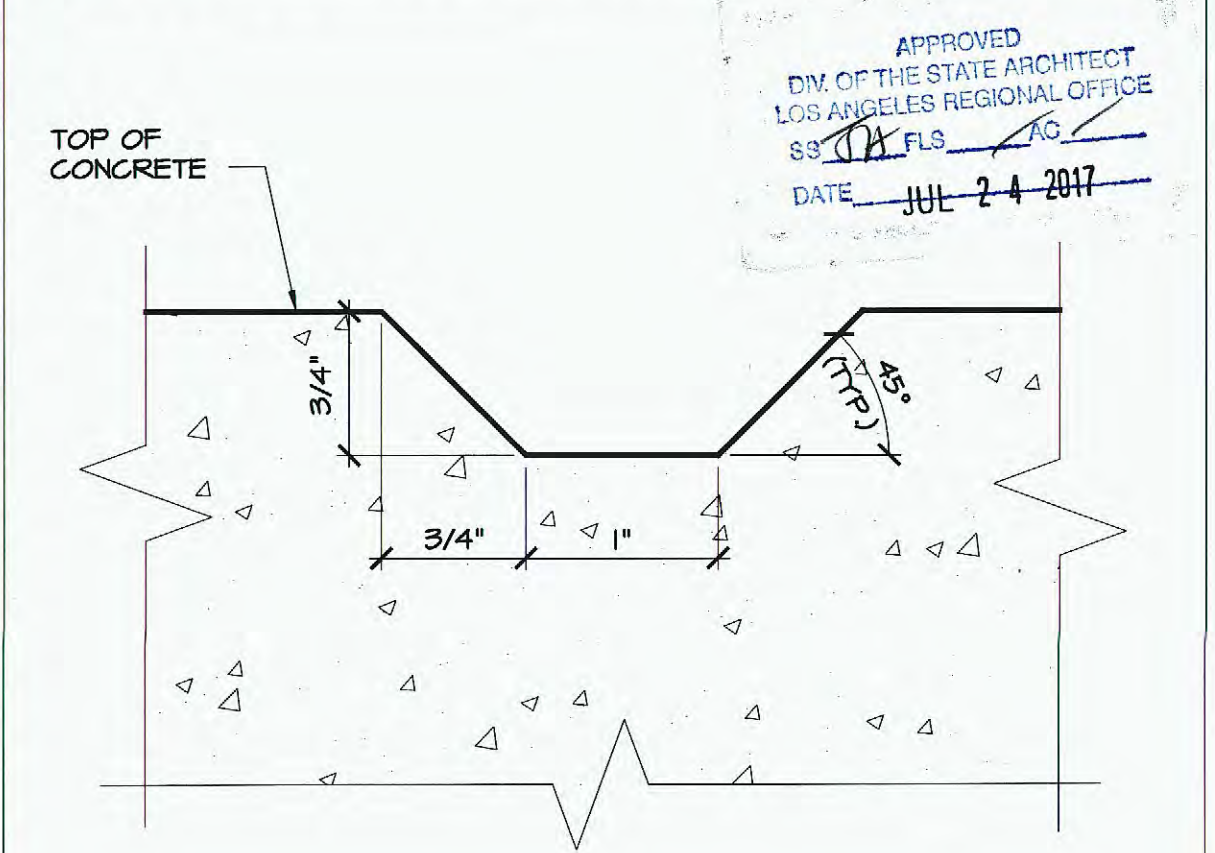
**DOH PORTABLE
 REPLACEMENT
 NOBLE ELEMENTARY SCHOOL**
 BAKERSFIELD, CA
 DRAWING TITLE
SITE DETAILS

PROJECT NO.
15-4630

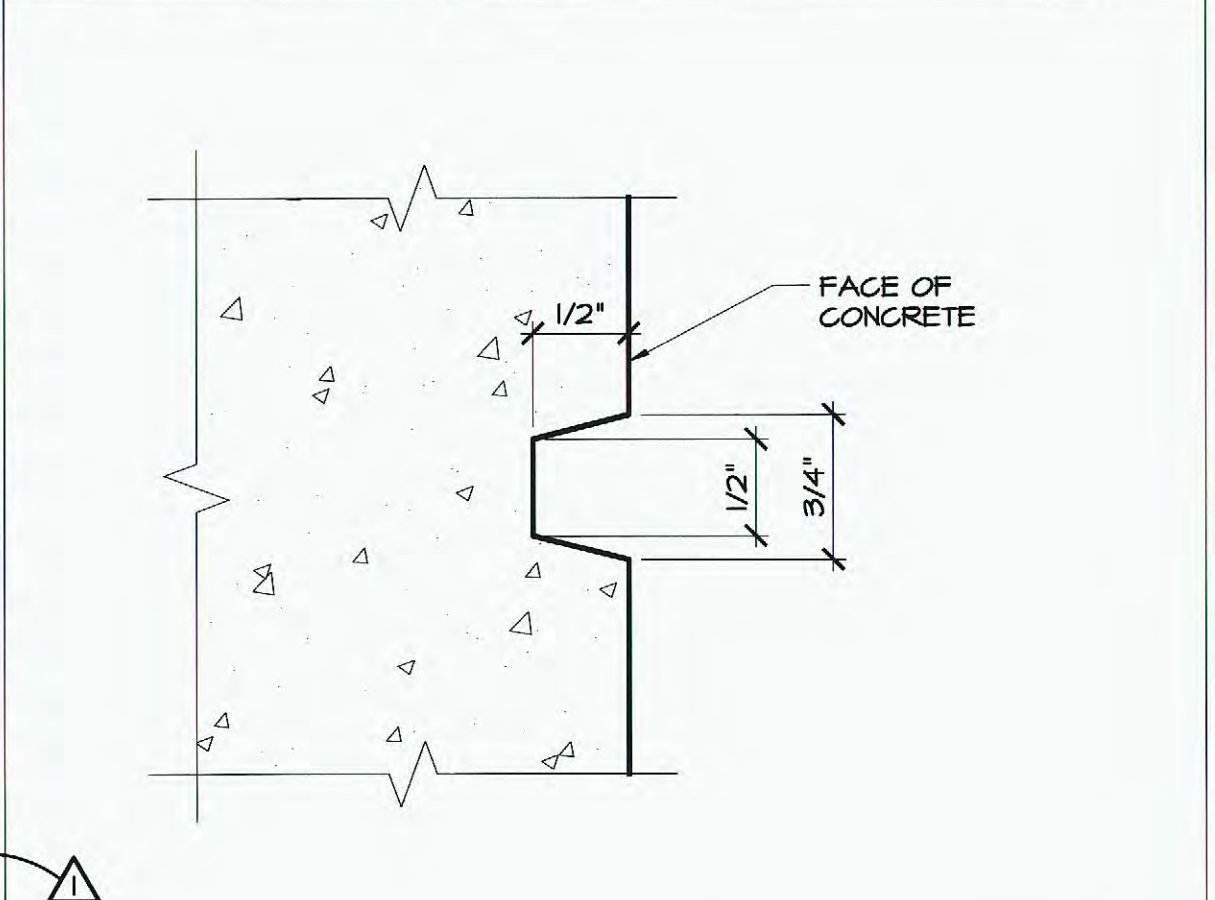
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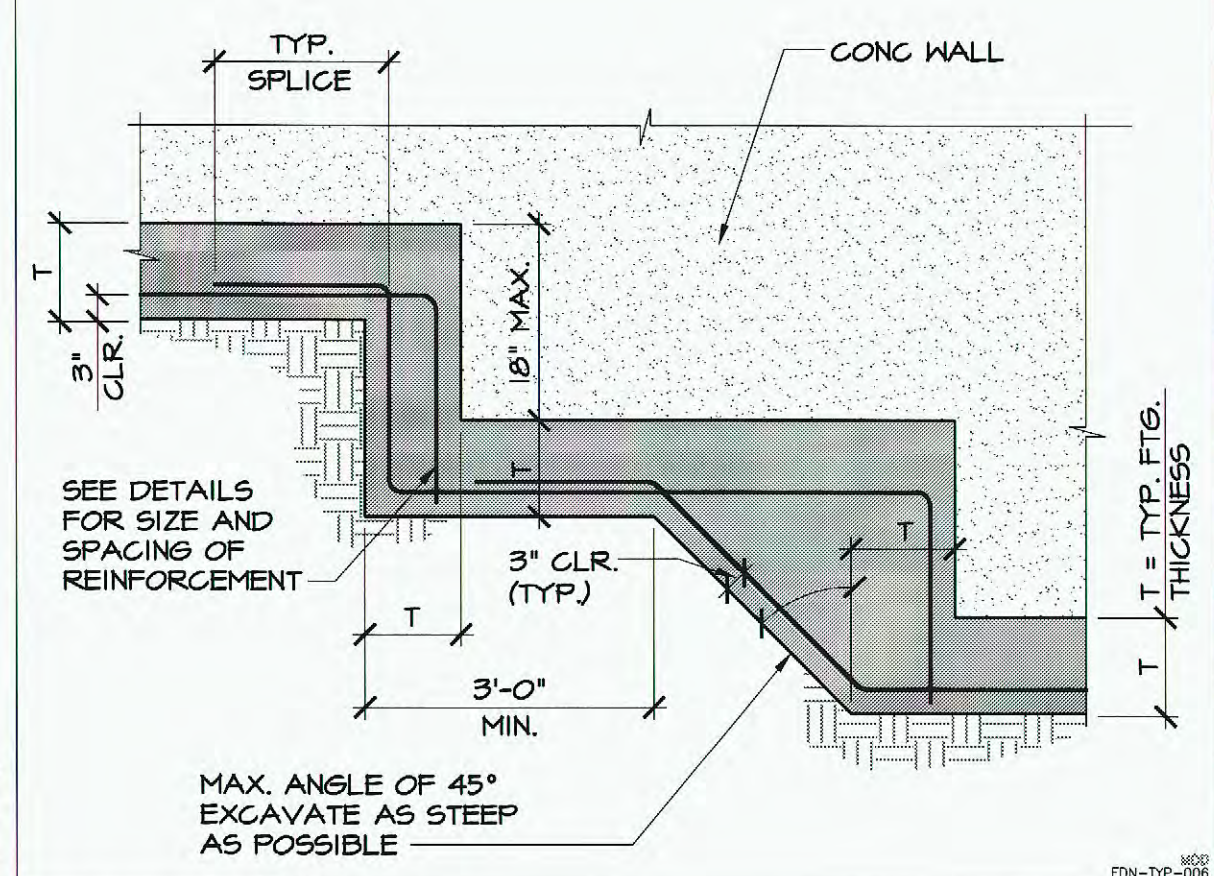
GROOVED TREAD NOSING 3" = 1'-0" 2



SHAPED REVEAL 1" = 1'-0" 3



HORIZ. REVEAL 1" = 1'-0" 4



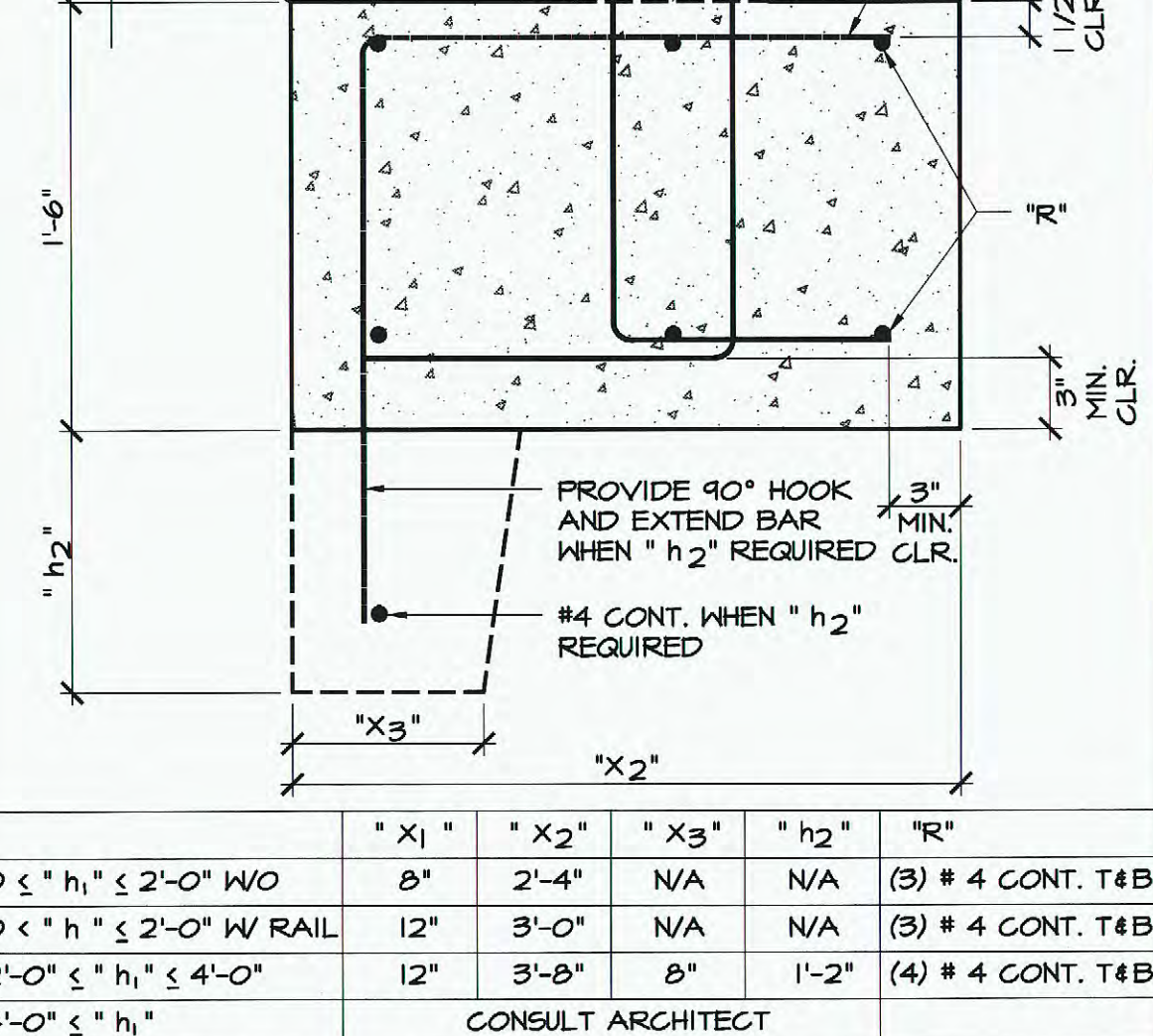
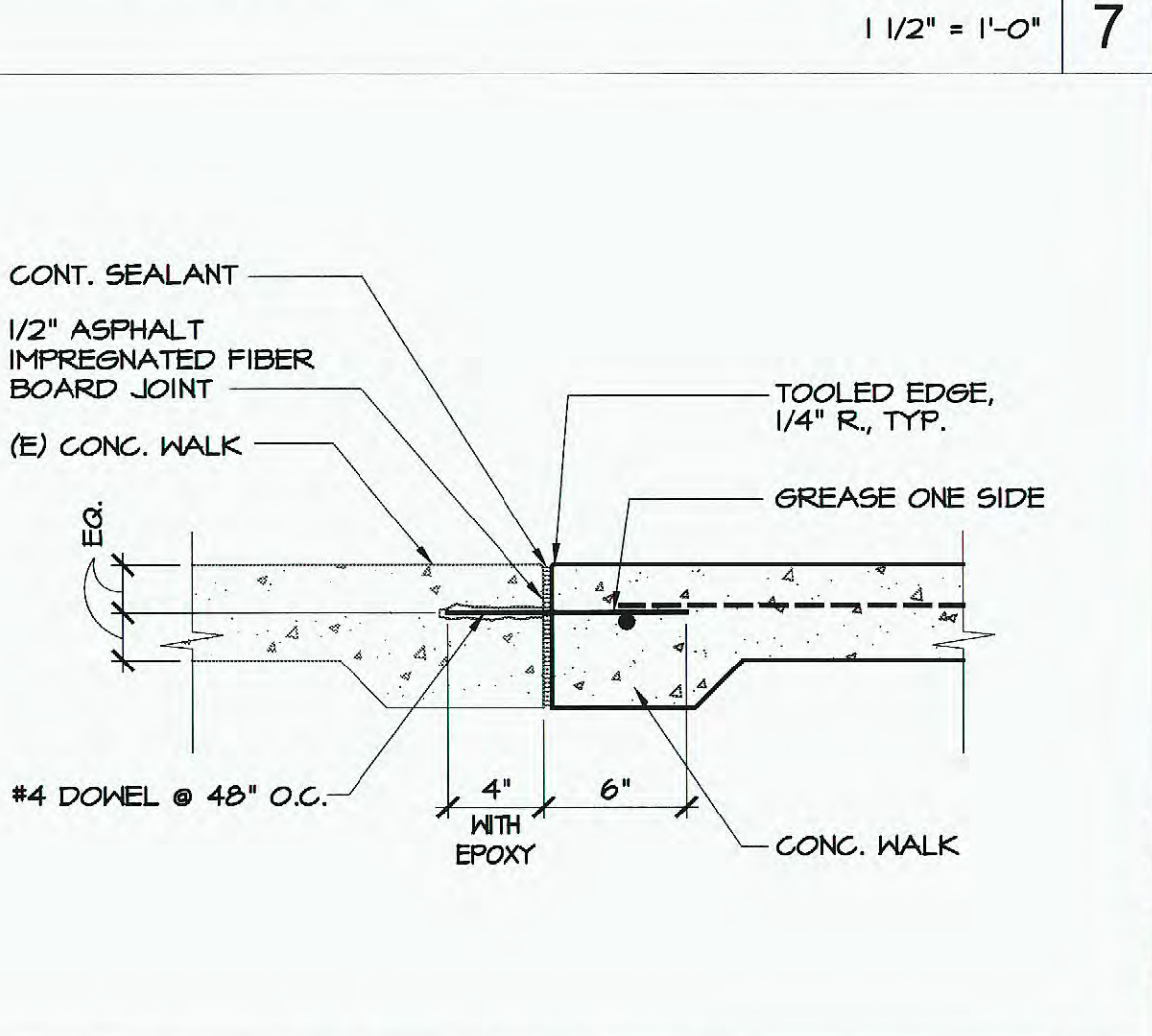
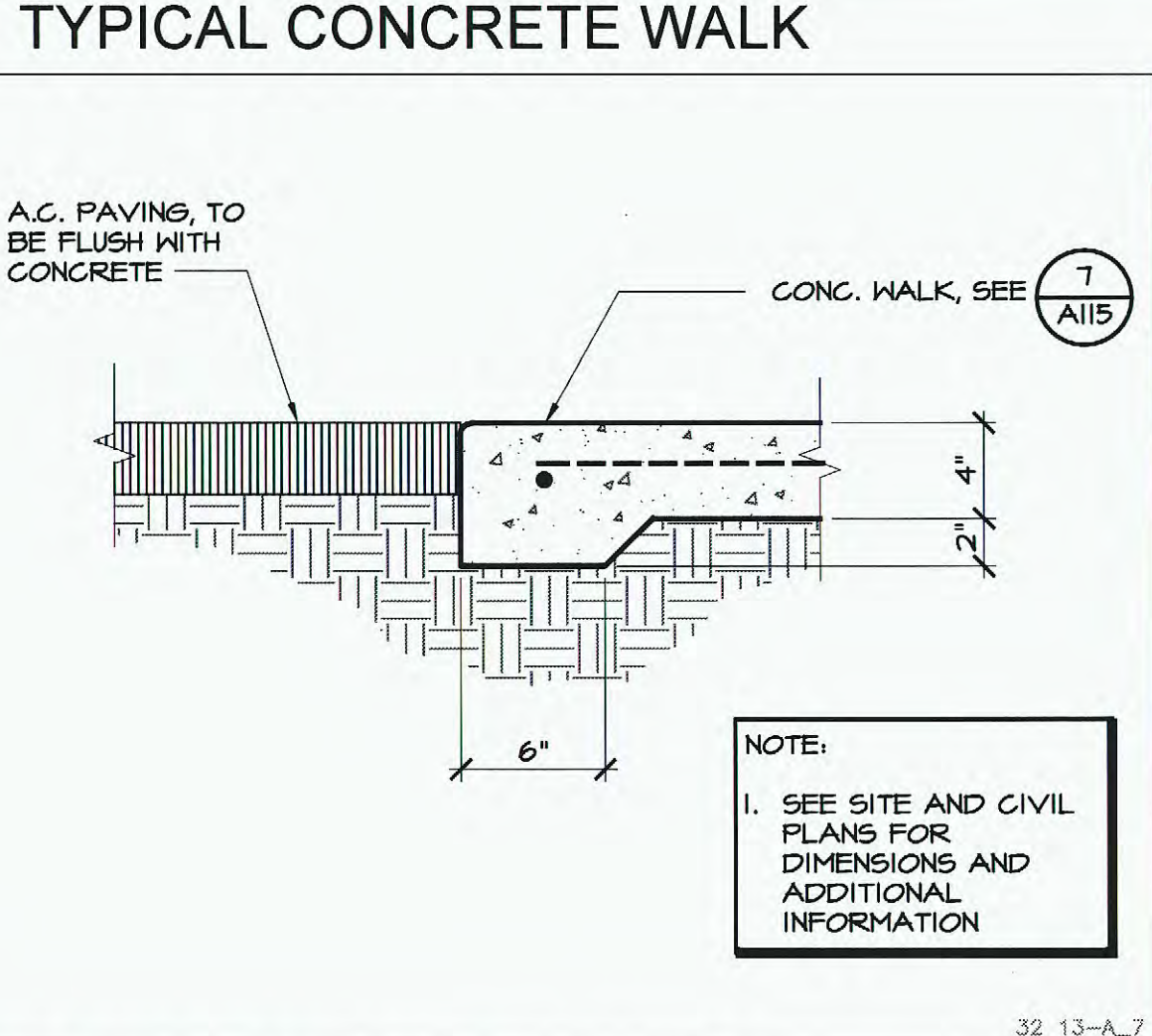
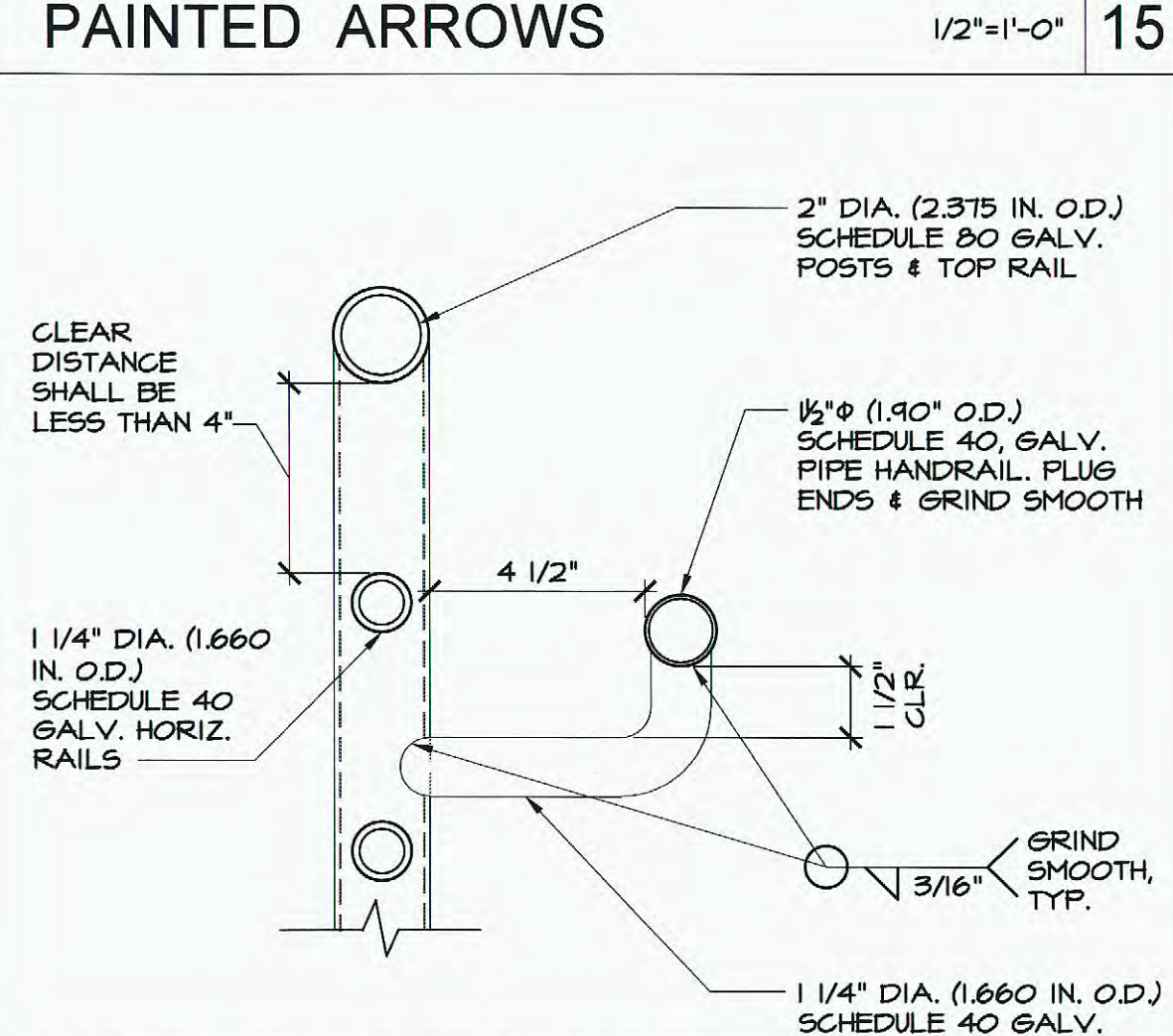
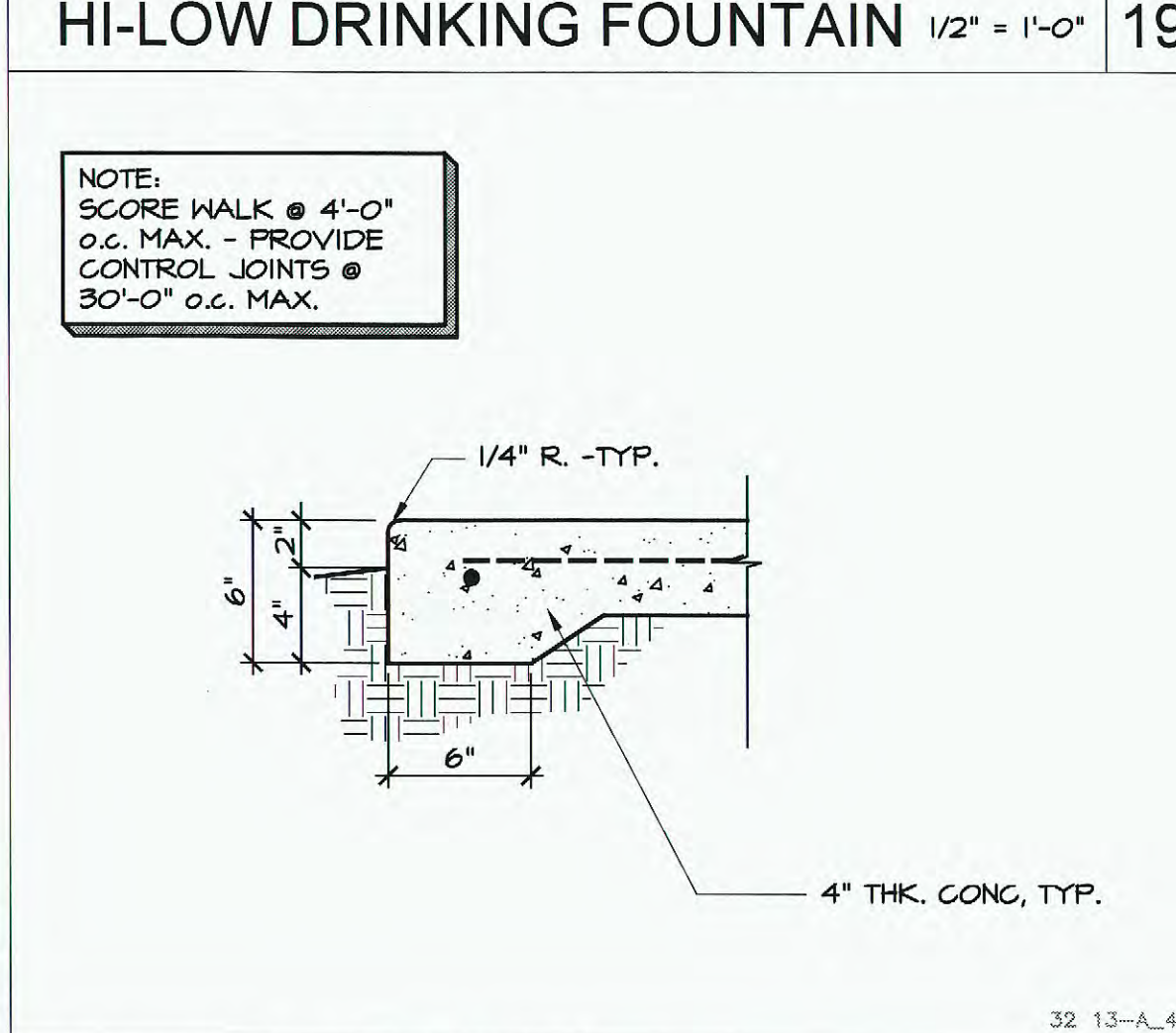
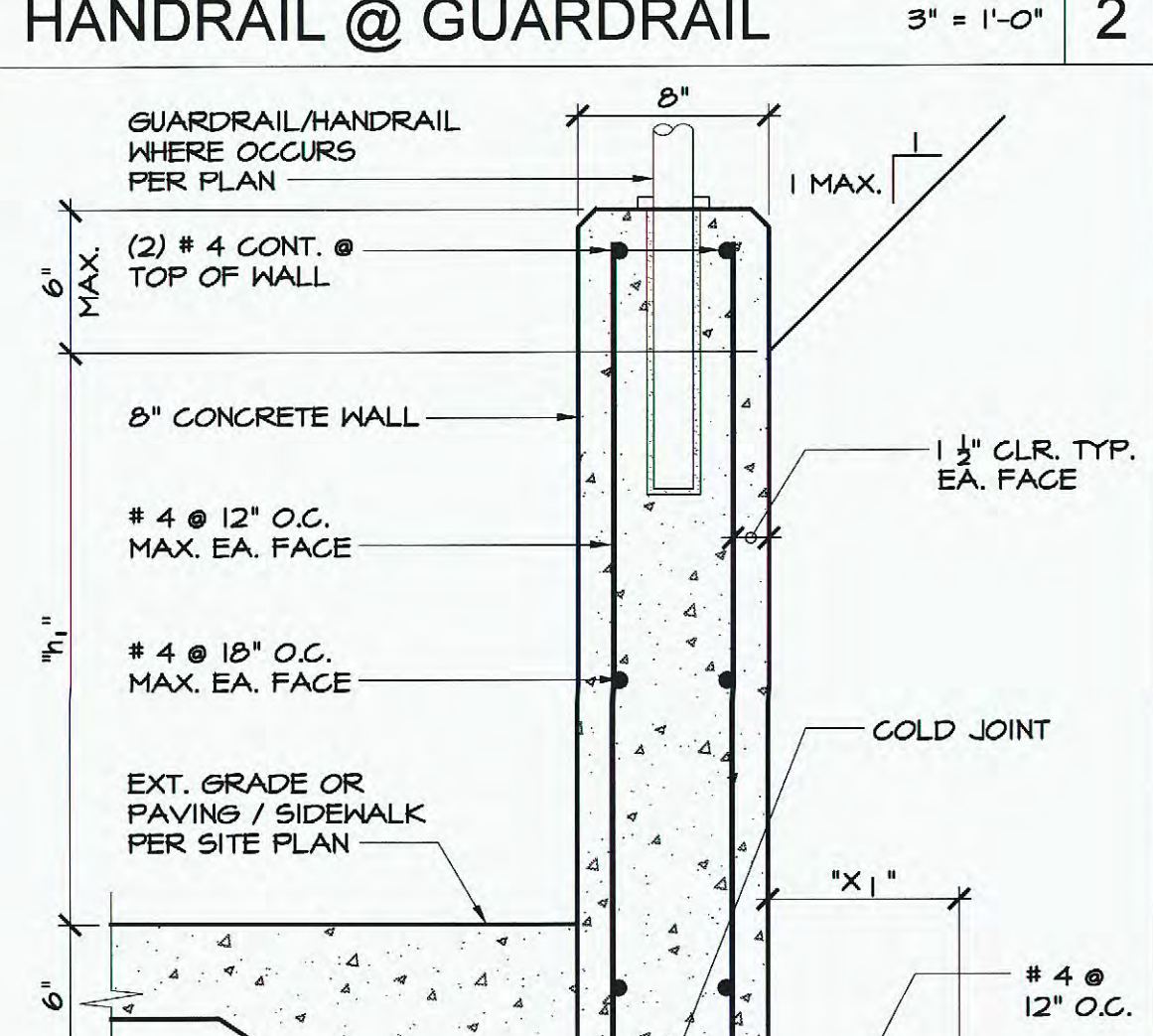
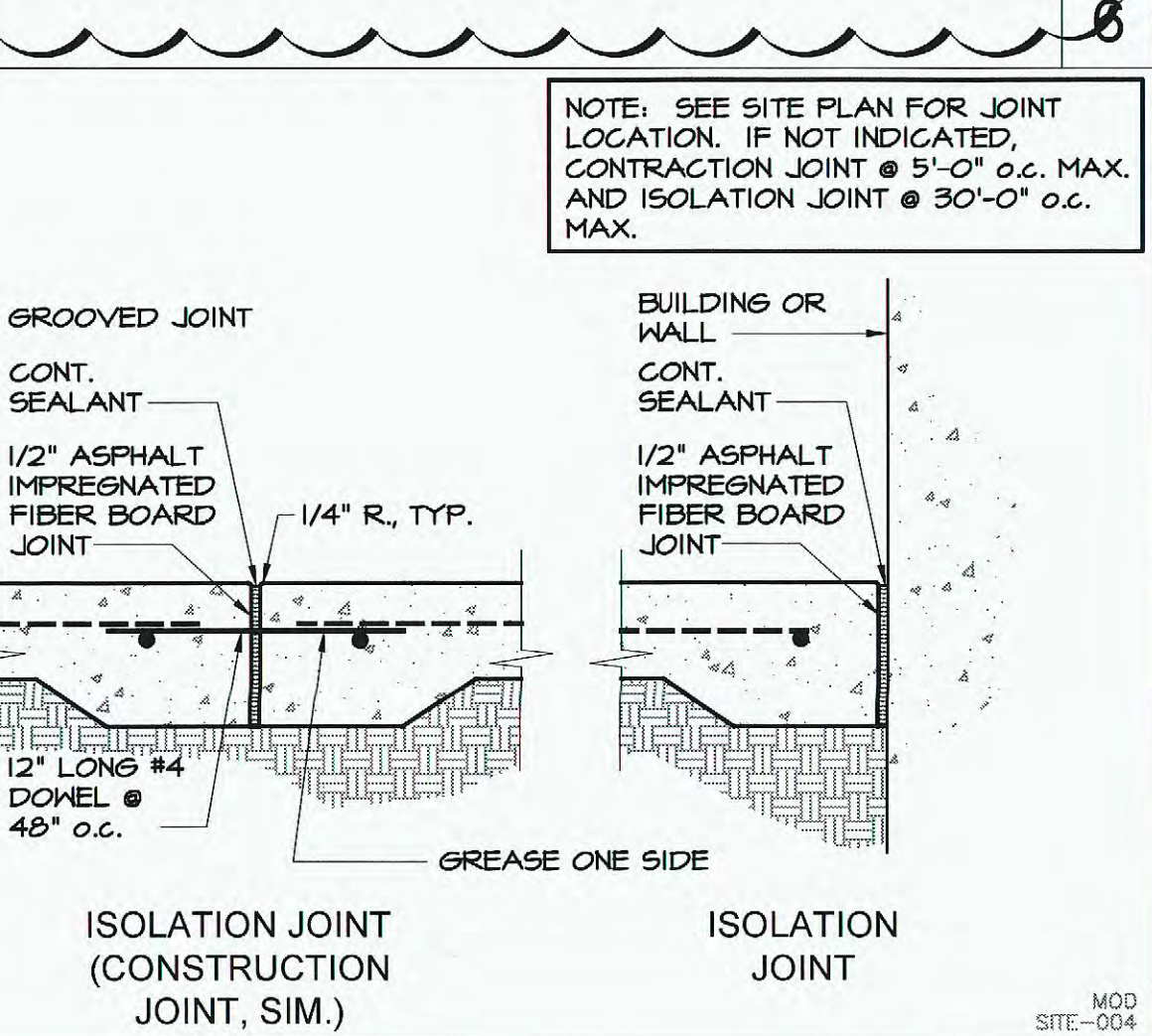
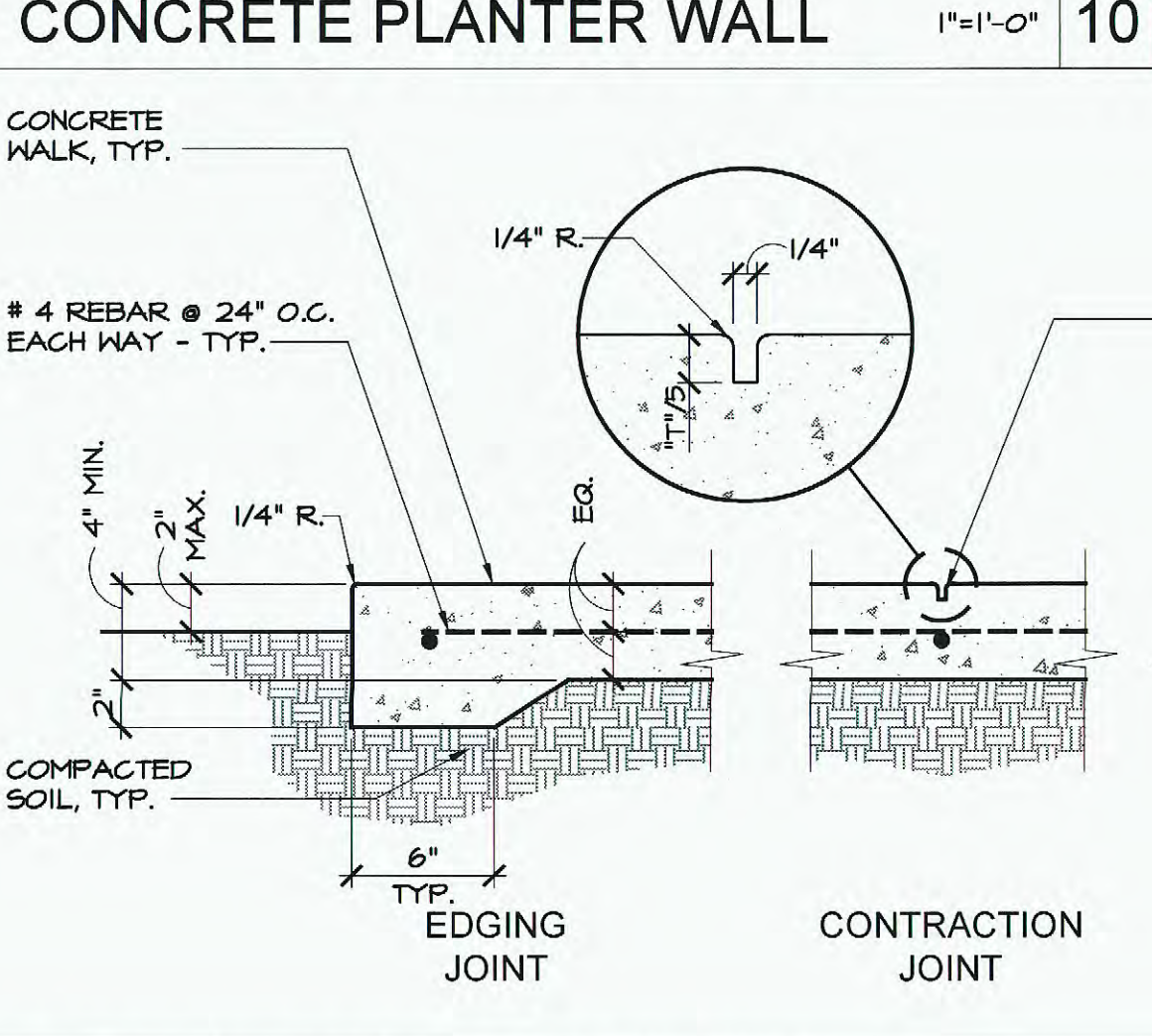
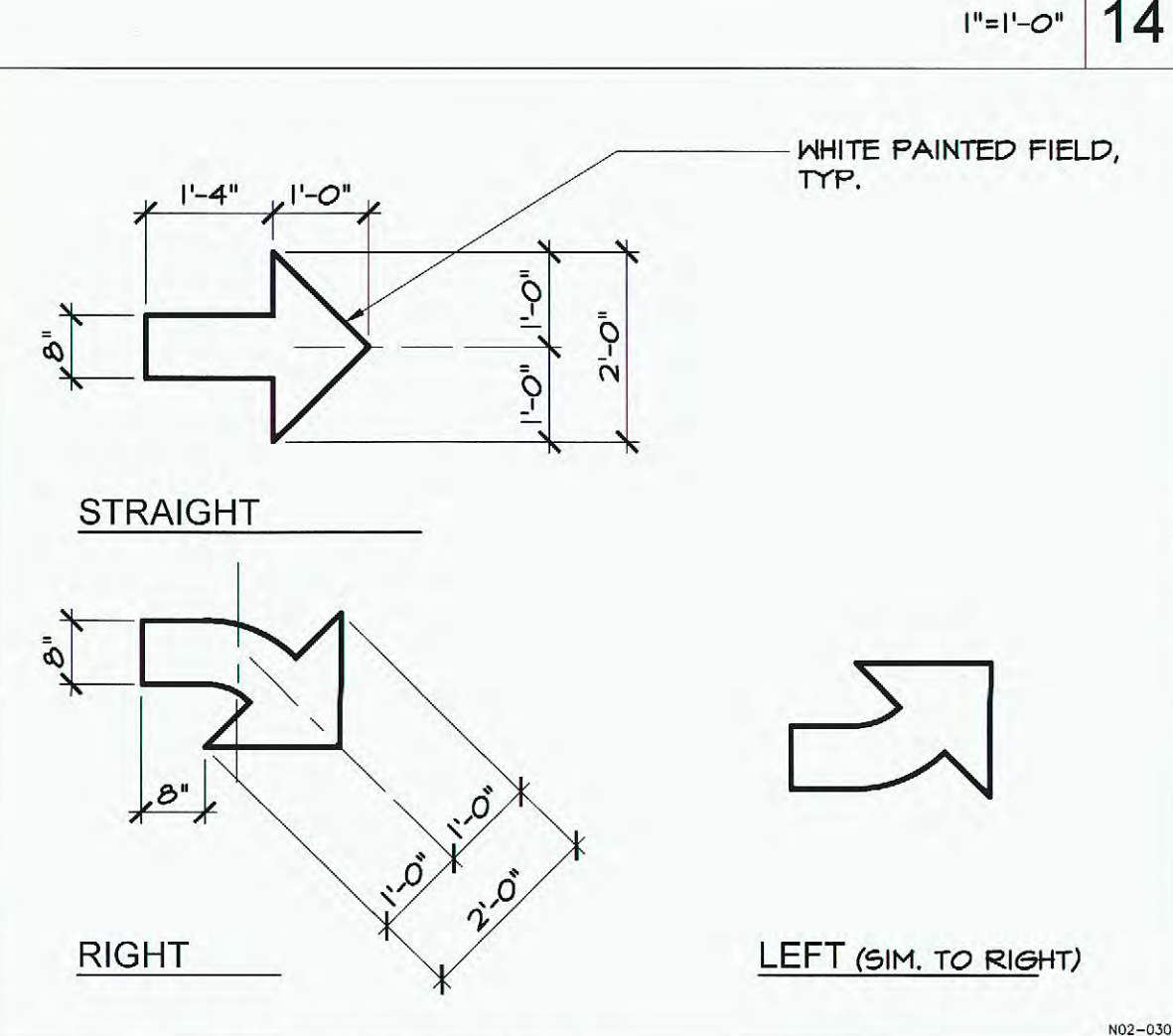
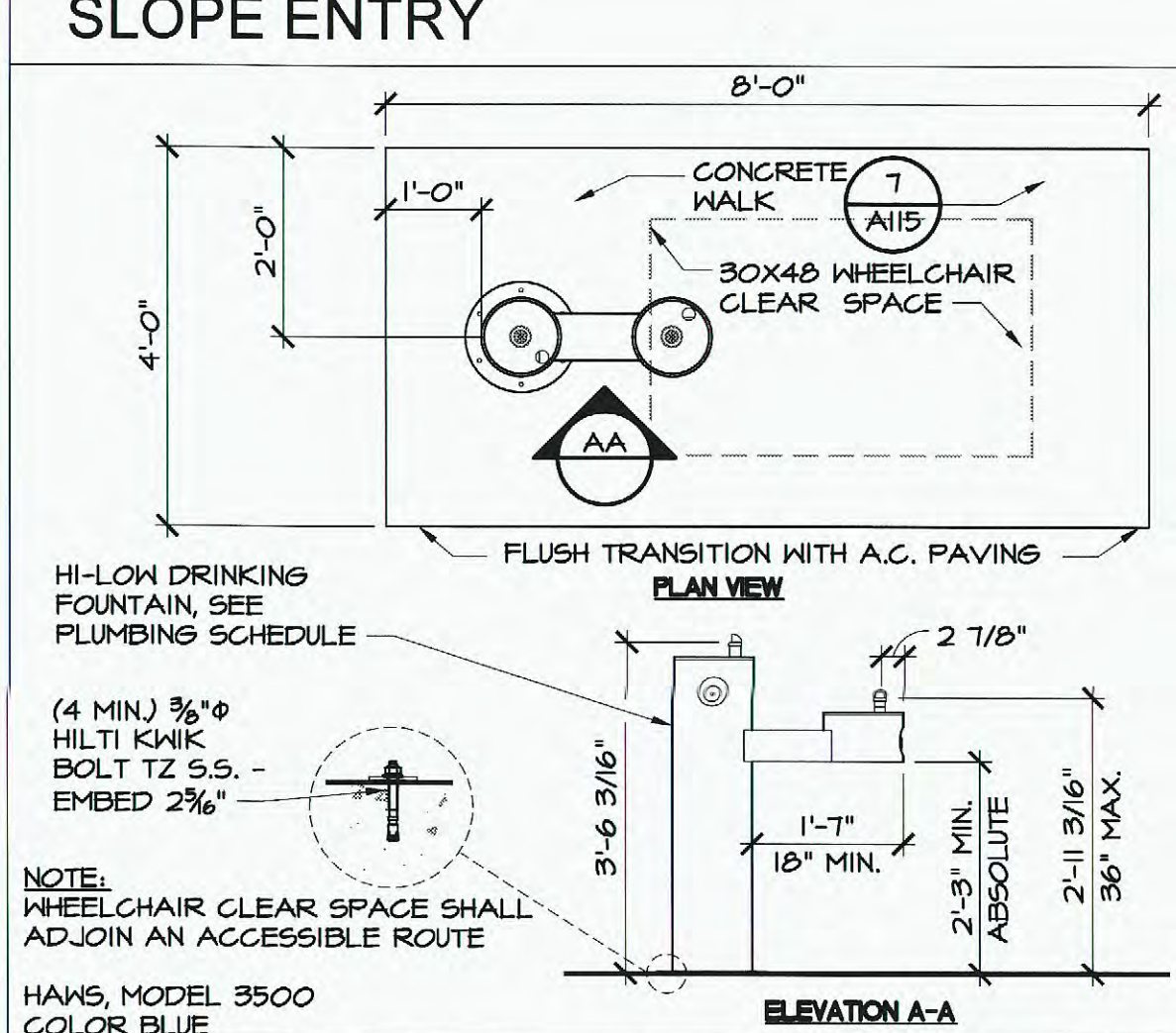
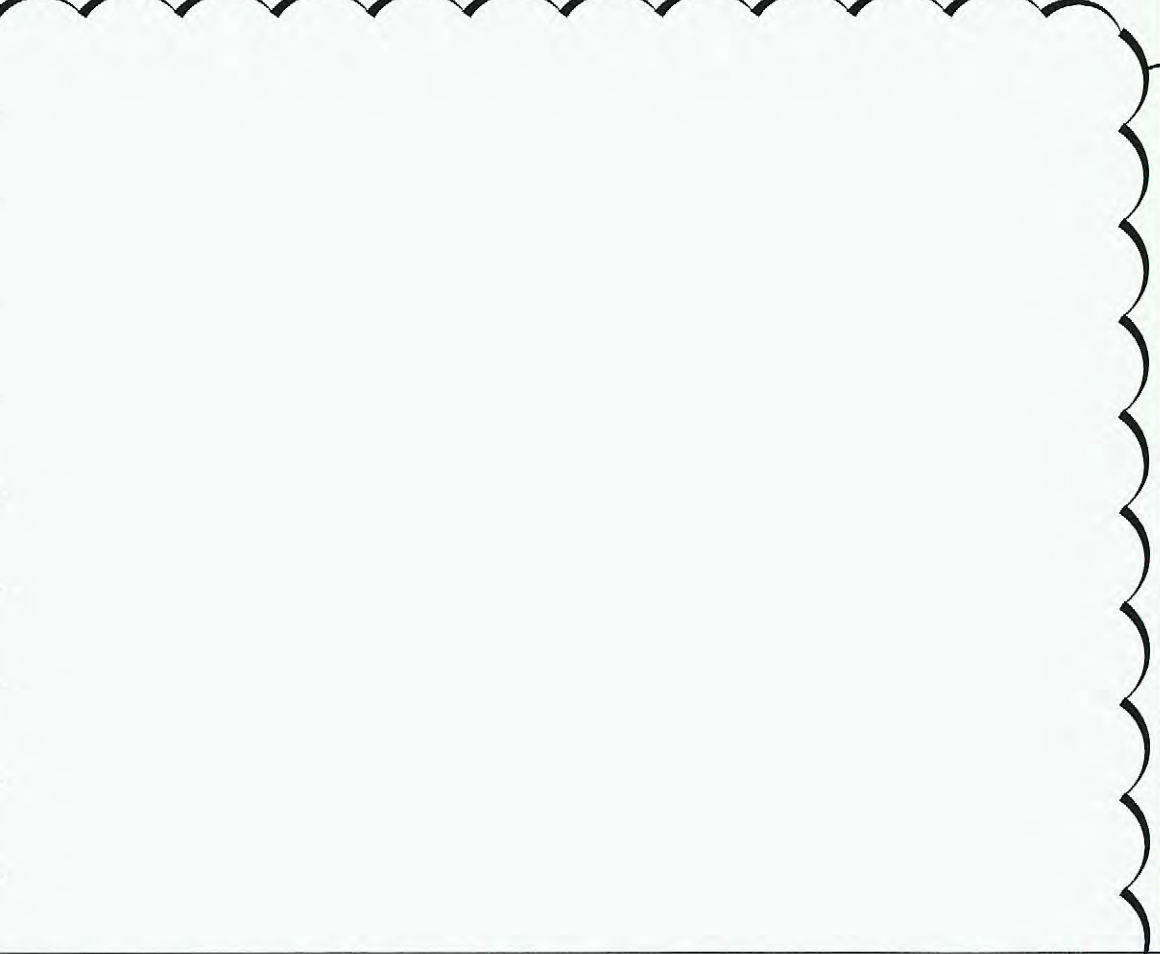
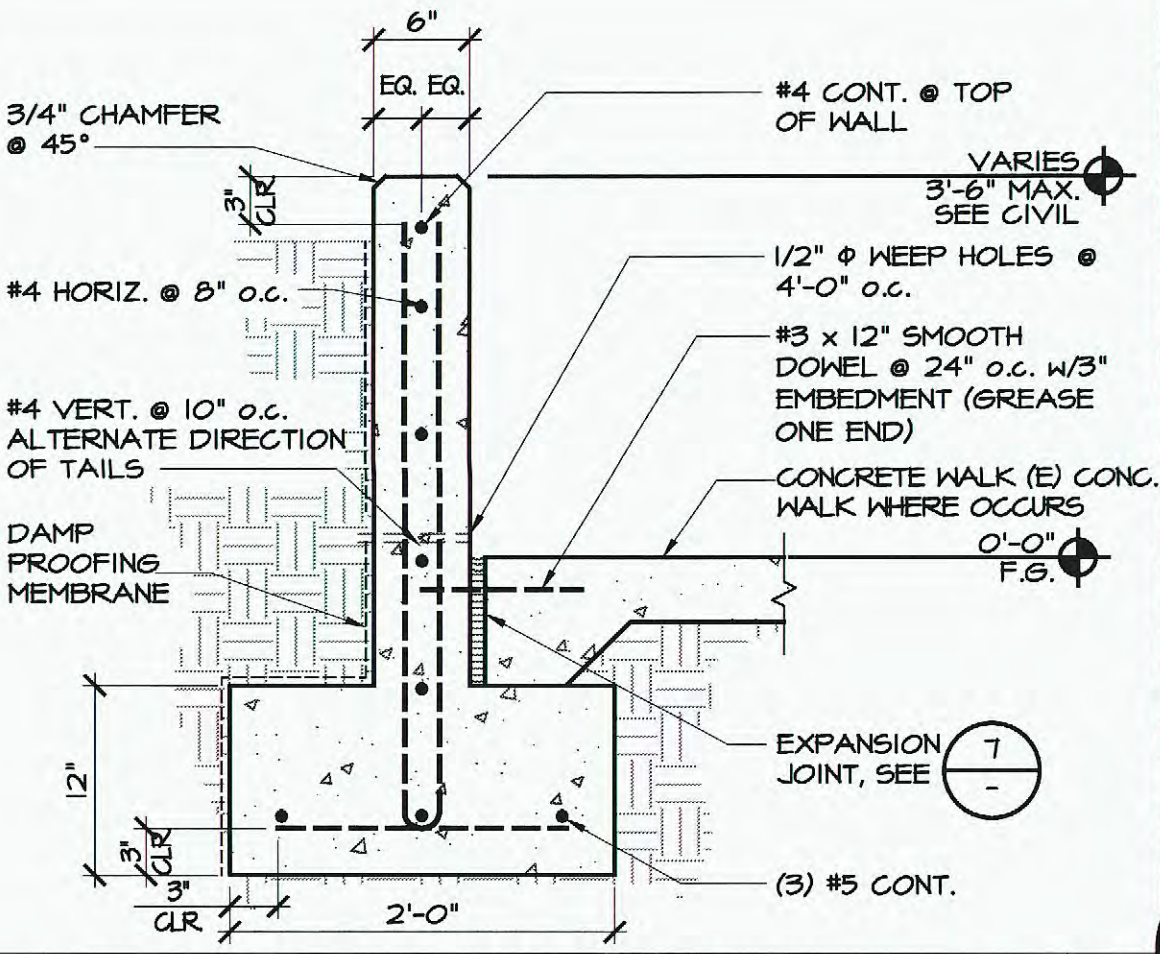
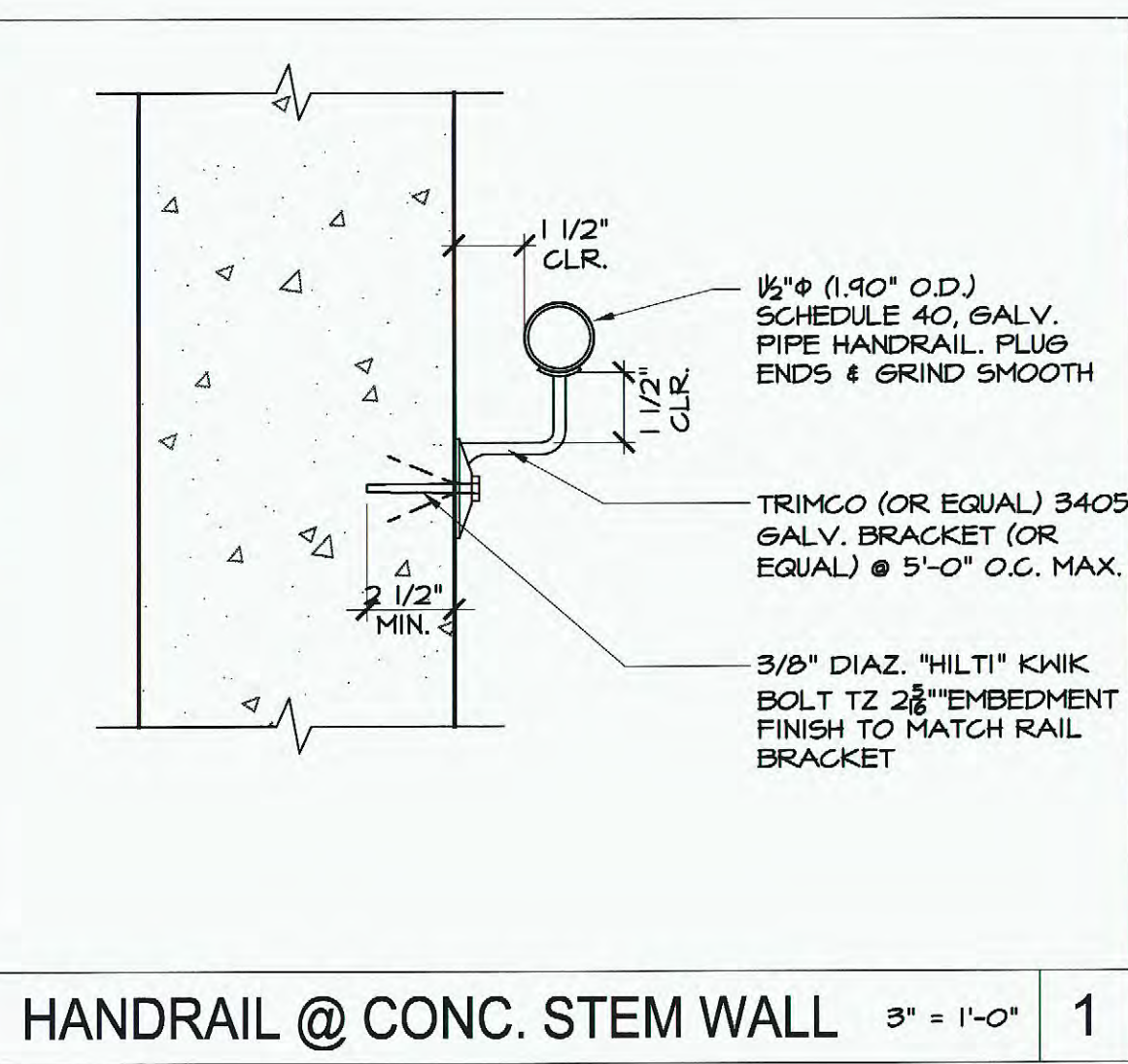
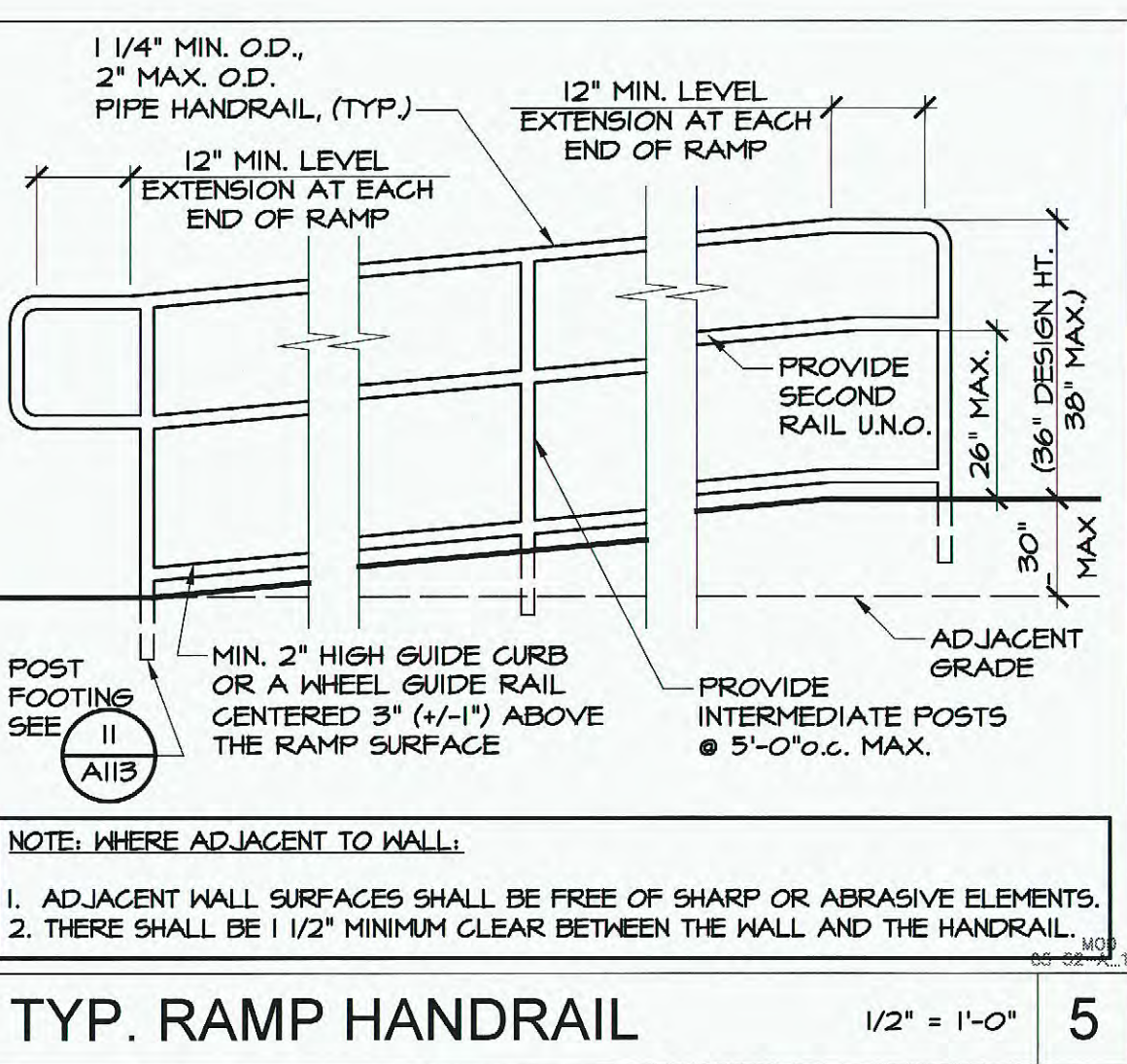
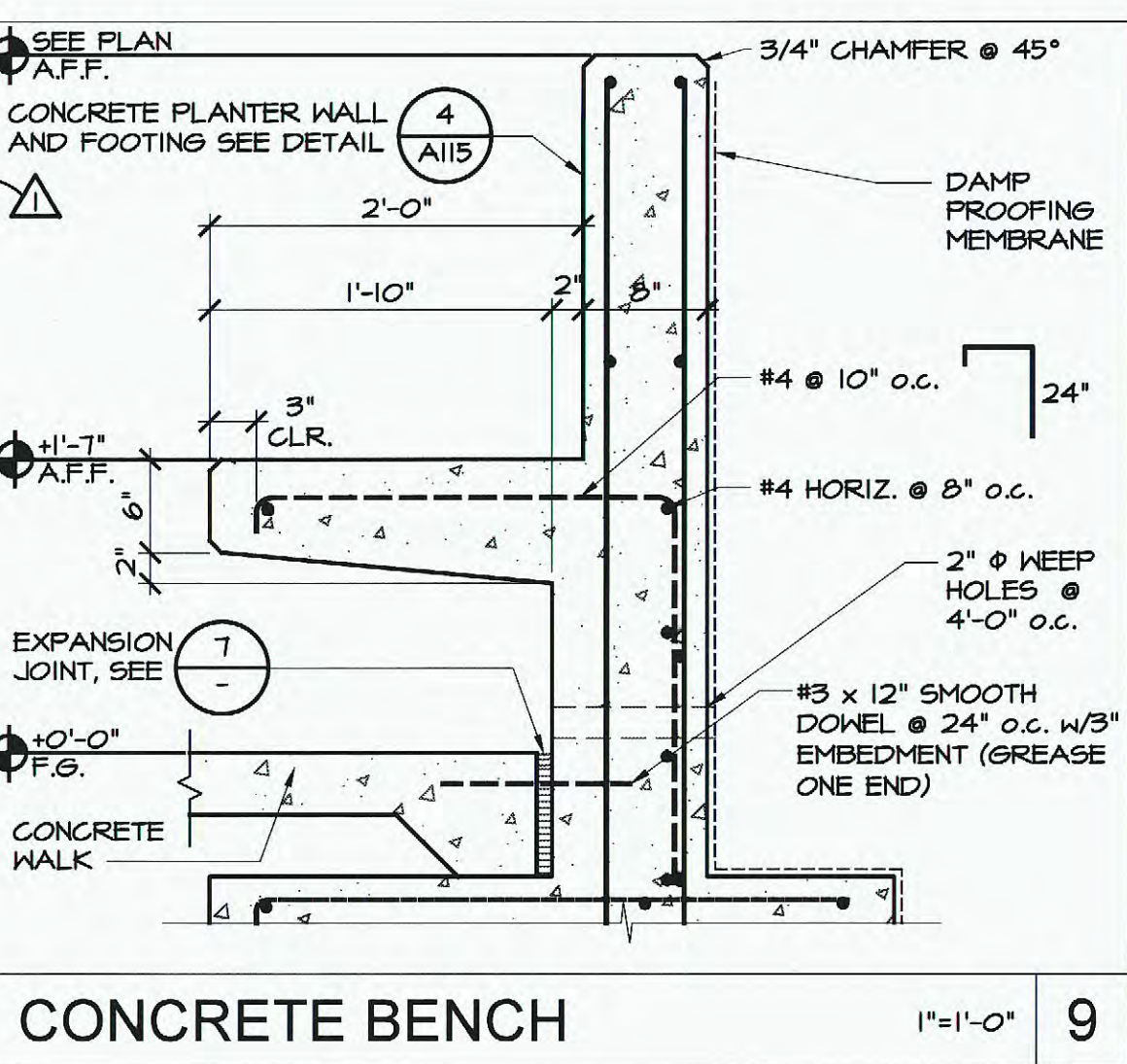
STEP FOOTING N.T.S. 20

16

12

8

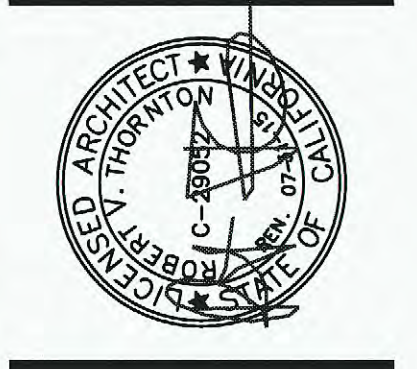
PLT DATE: 4/4/17



04/04/17	ADDENDUM 1	DATE	11/10/15	DESCRIPTION	DSA BACK CHECK
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FILE NUMBER: 15-6
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AC FLS SS
 DATE: JUL 24 2017



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 ARCHITECTS ENGINEERS CONNECTED



DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL
 BAKERSFIELD, CA
 DRAWING TITLE
 SITE DETAILS

PROJECT NO.
 15-4630

DRAWING

A115

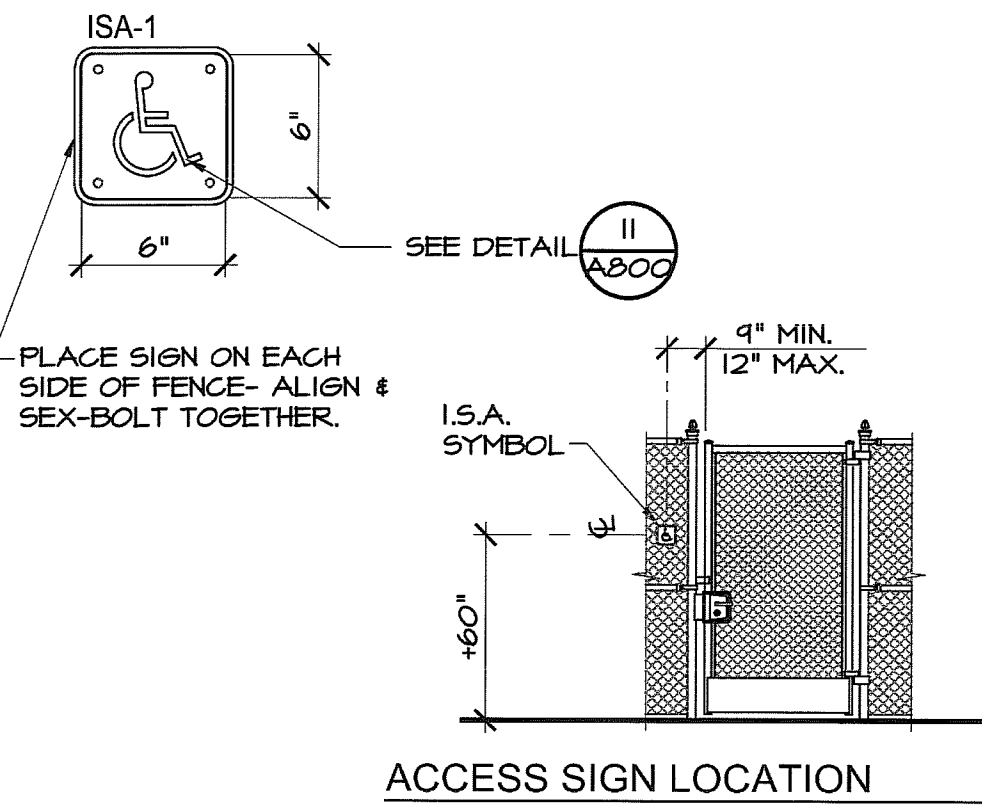
PLOT DATE: 4/11/17

32 13-A-4

32 13-A-7

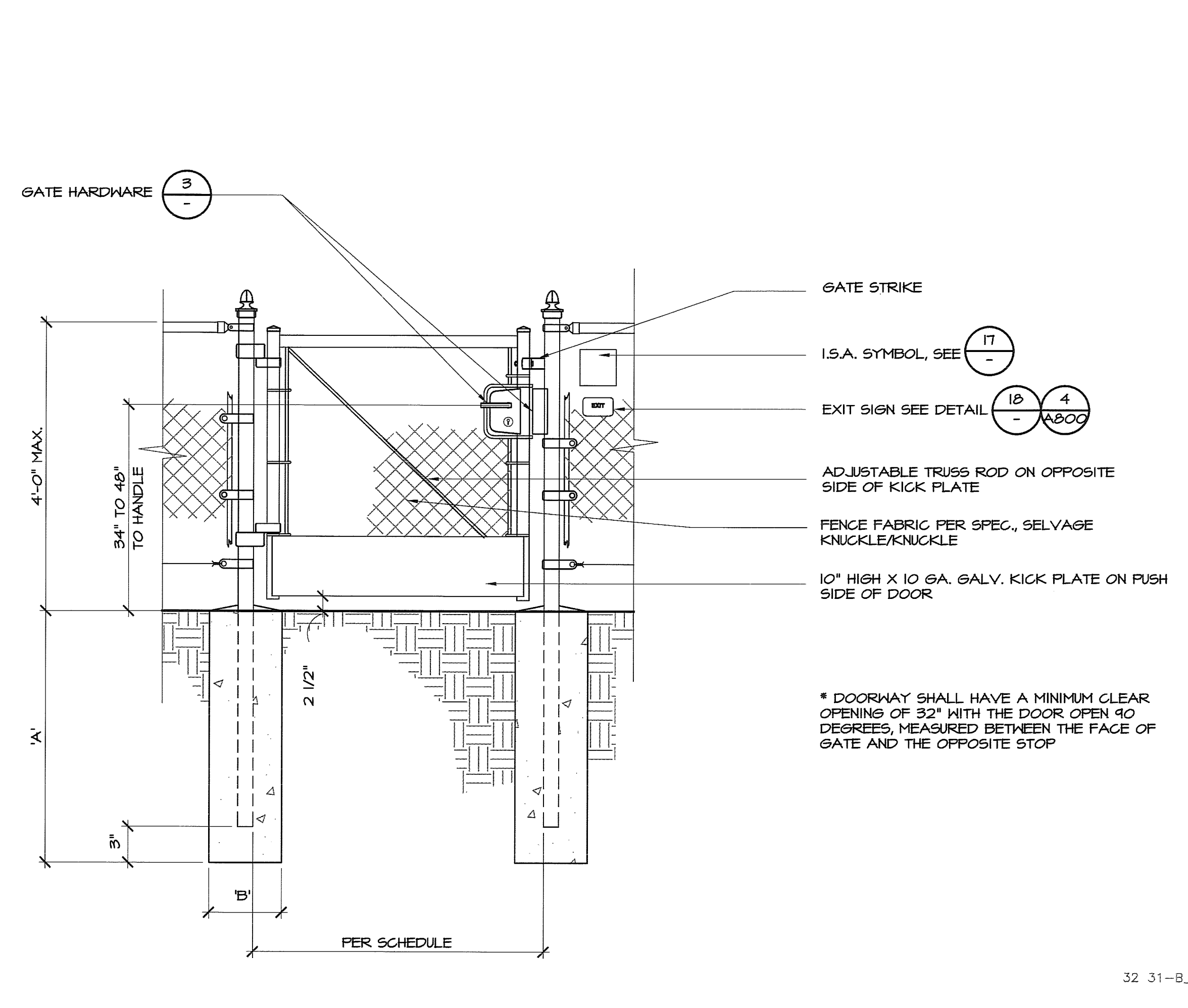
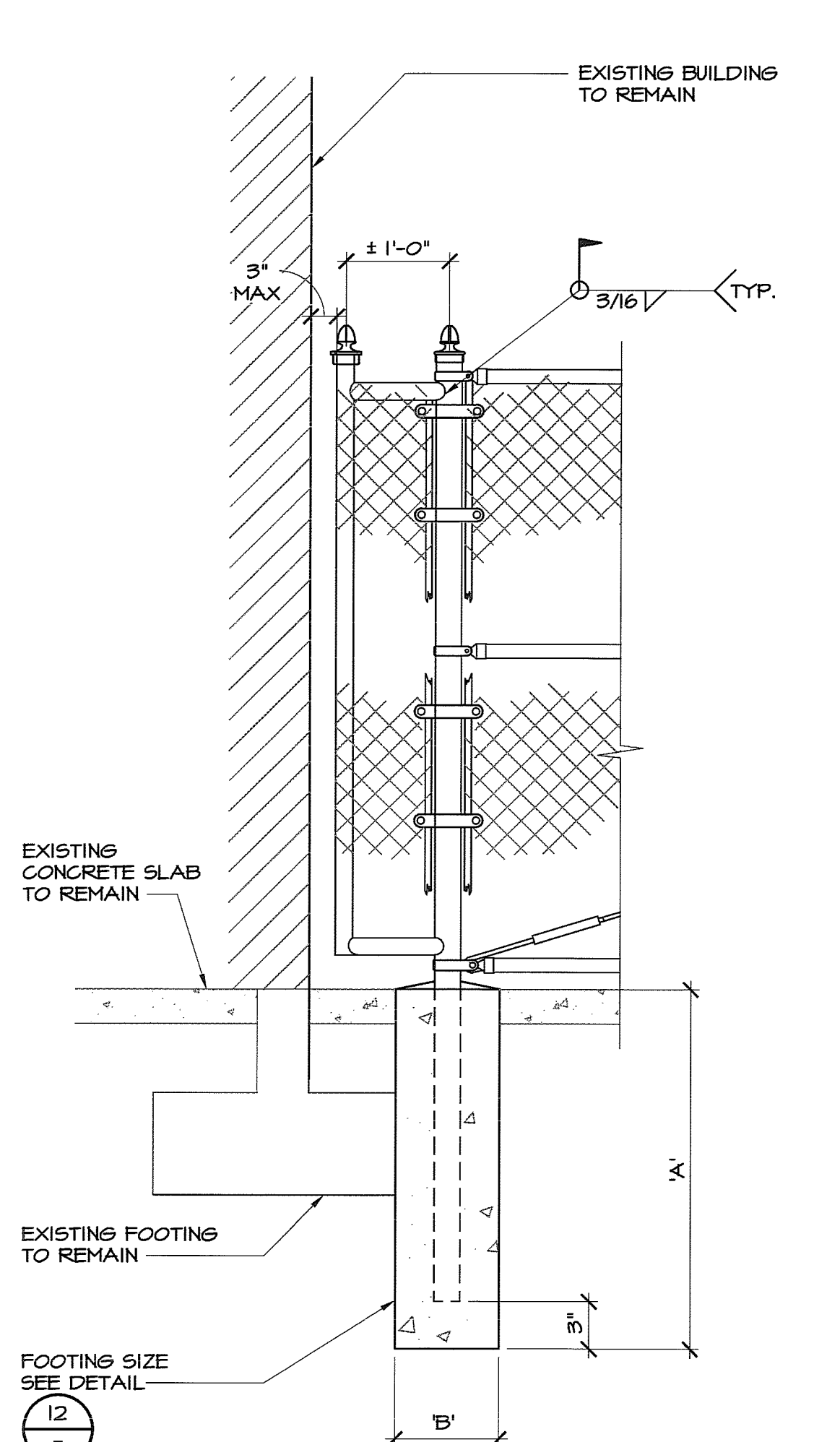
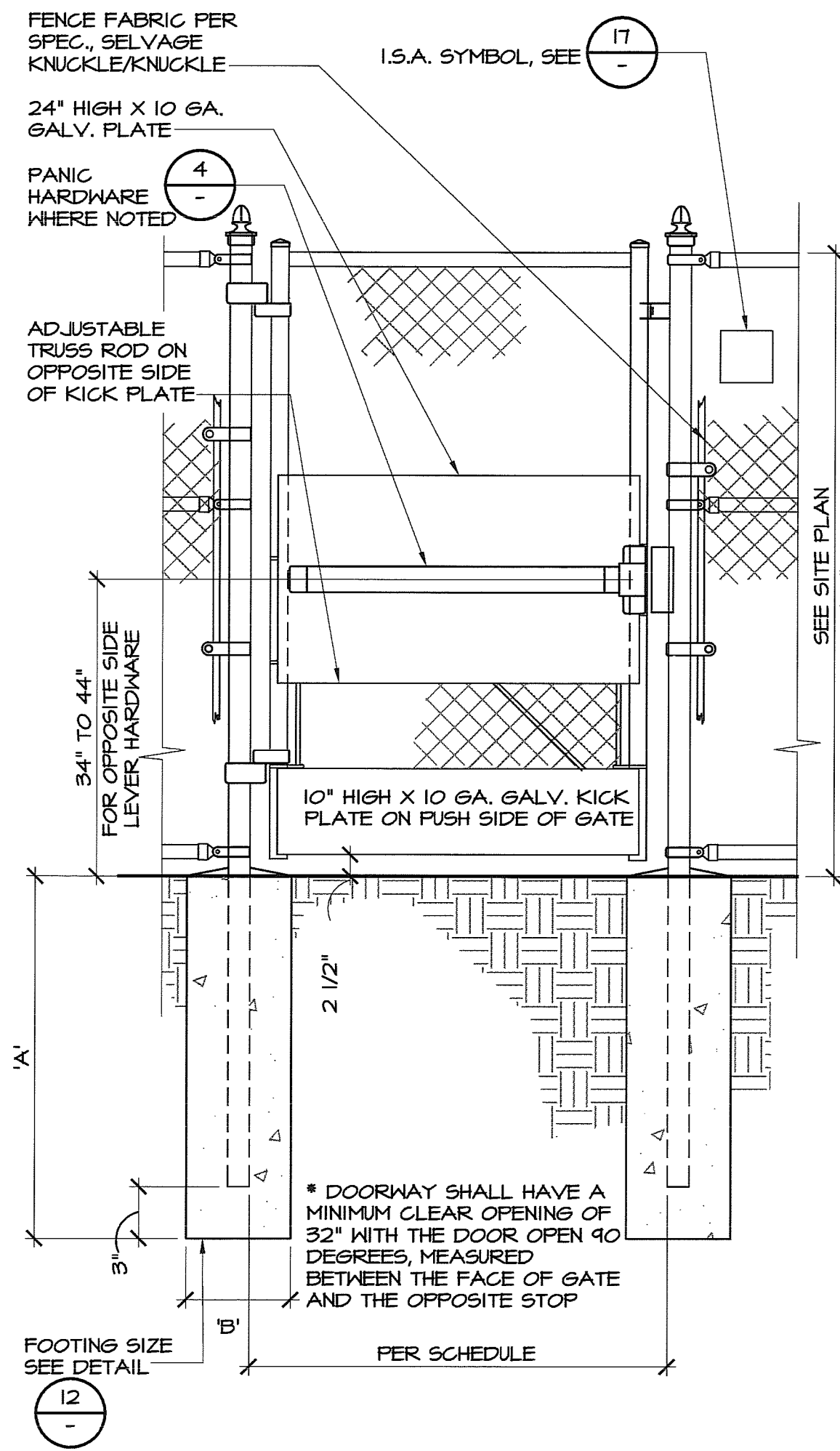
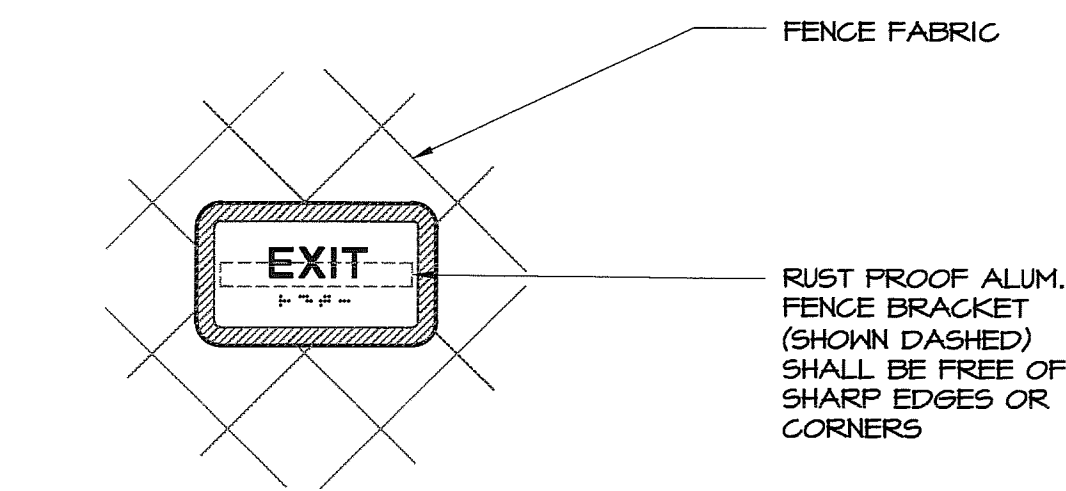
MOD SITE-004

FENCE MOUNTED ACCESS SIGN CBC 11TB5.0.1 & 2



GATE SIGNAGE

N.T.S. 17



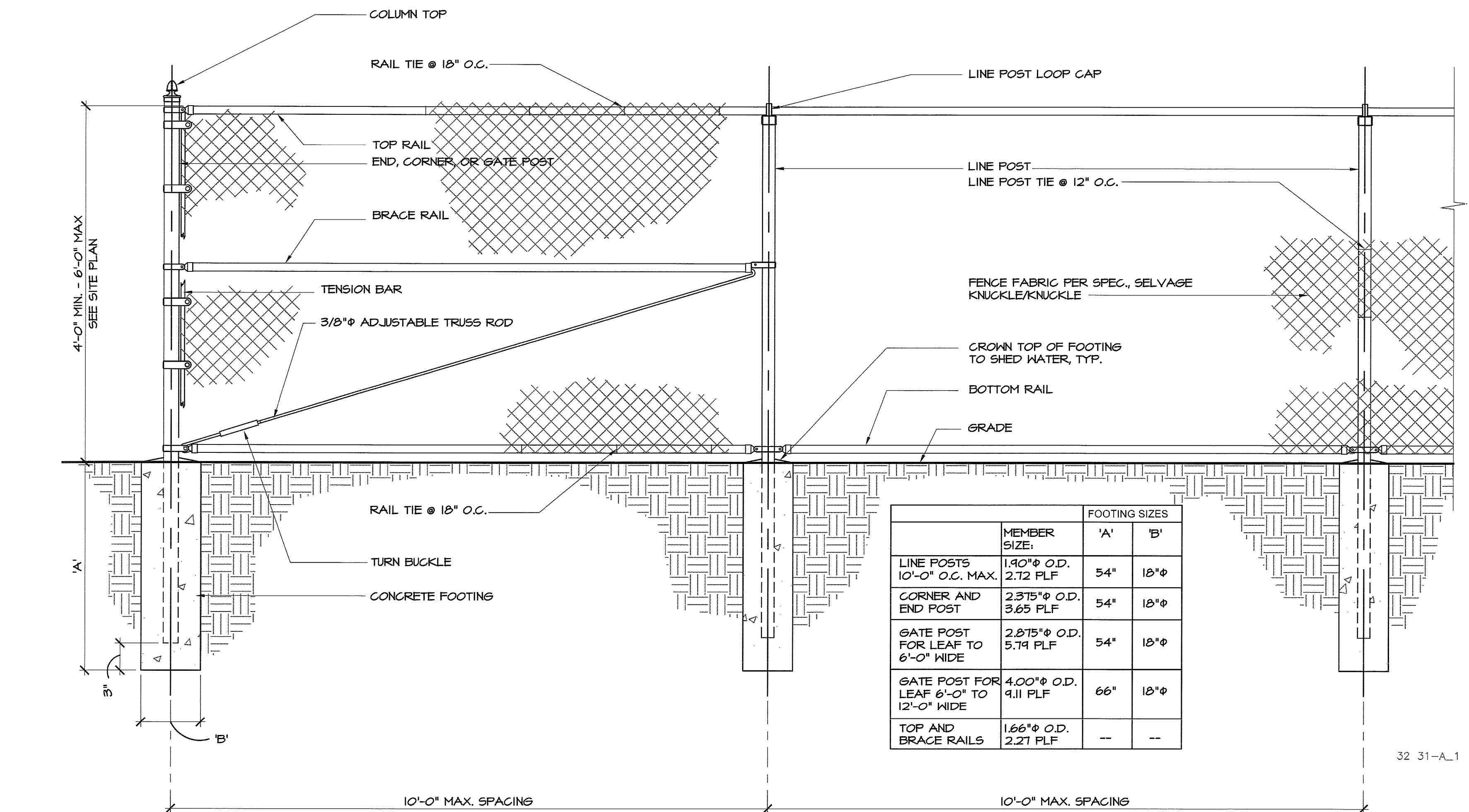
EXIT SIGN

3" = 1'-0" 18

C.L. SINGLE GATE (ACCESSIBLE) 3/4" = 1'-0" 14

FENCE POST DETAIL 3/4" = 1'-0" 10

C.L. SINGLE GATE (ACCESSIBLE) 3/4" = 1'-0" 2



TYPICAL CHAIN LINK FENCE

3/4" = 1'-0" 12

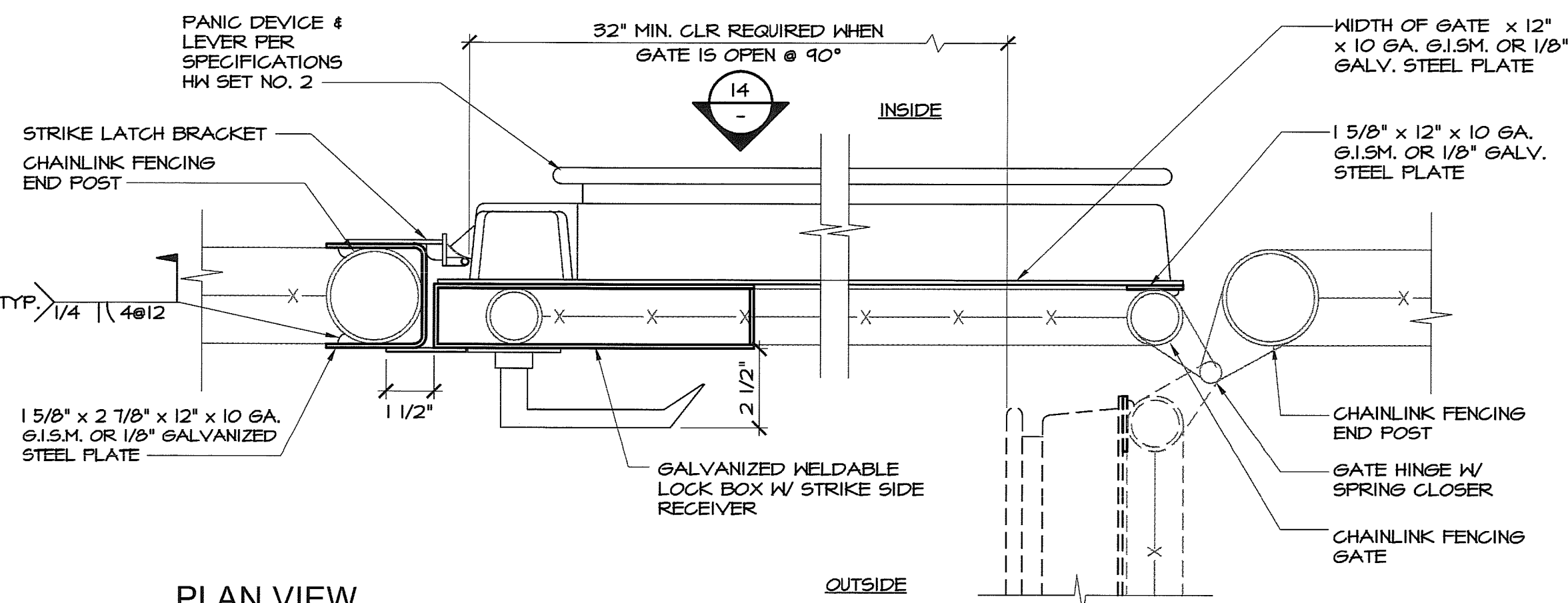
GATE SCHEDULE						
MARK	CLEAR WIDTH	HEIGHT	MATERIAL	FINISH	HARDWARE GROUP	REMARKS
6001	4'-0"	6'-0"	CHAIN LINK	FF	1	2/A120
6002	4'-0"	6'-0"	CHAIN LINK	FF	1	2/A120
6003	4'-0"	6'-0"	CHAIN LINK	FF	2	14/A120

FF = FACTORY FINISH

GATE SCHEDULE

GATE HARDWARE

1" = 1'-0" 3



PANIC HARDWARE AT GATE

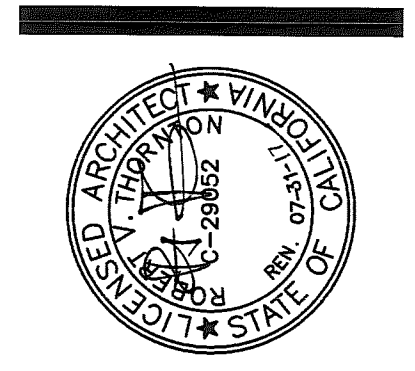
3" = 1'-0" 4

MARK	DATE	DESCRIPTION
A	8/06/15	DSA BACK CHECK

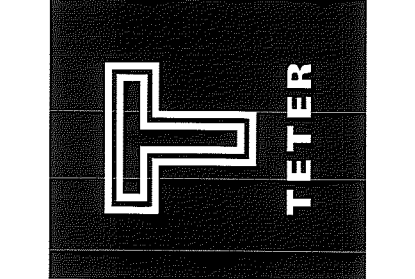
FILE NUMBER: 15-6
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL: 03-116415

AC *FLS* SS *JH*

DATE: NOV 10 2015



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1200 DISCOVERY DR. 160 | BANGORFIELD, CA 95007 | 561.640.8400



DOH PORTABLE
REPLACEMENT
NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA
DRAWING TITLE
SITE DETAILS

PROJECT NO.
15-4630

DRAWING

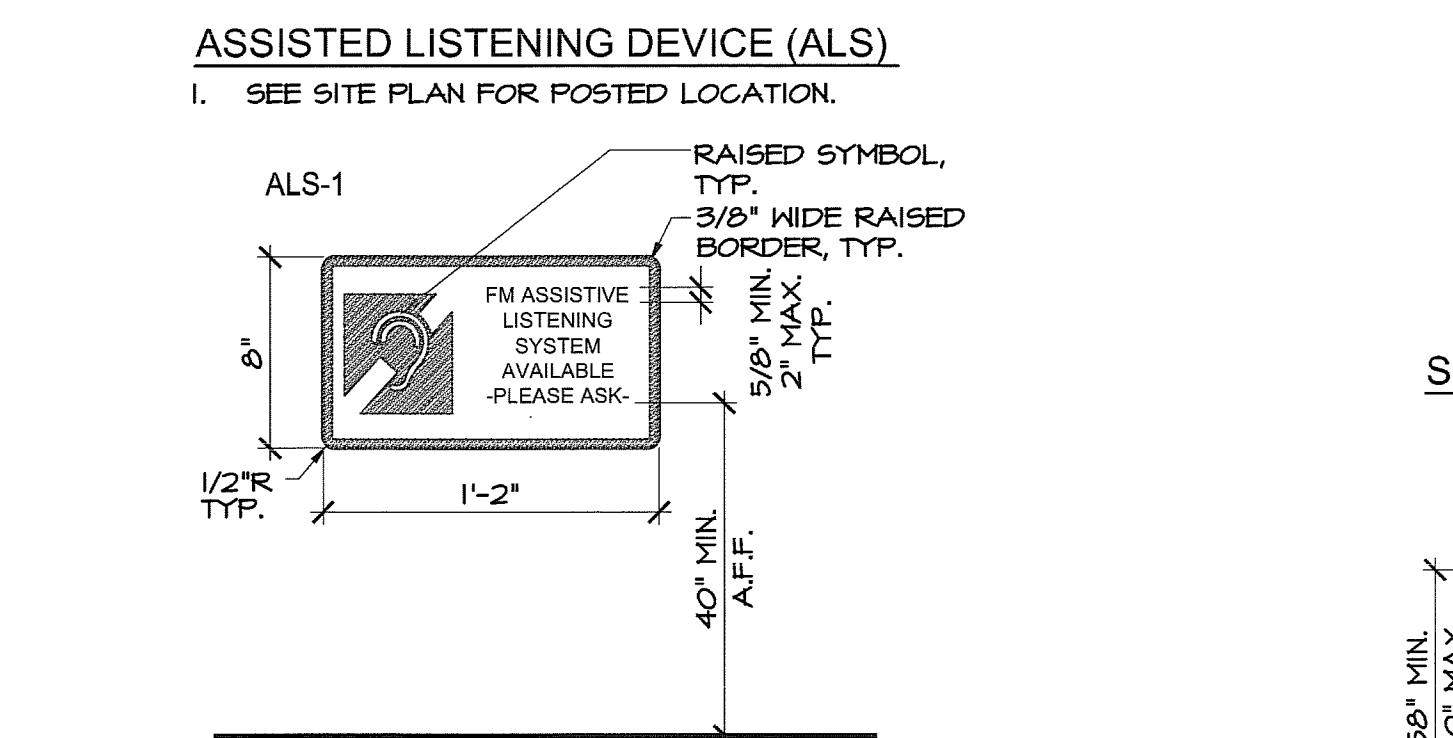
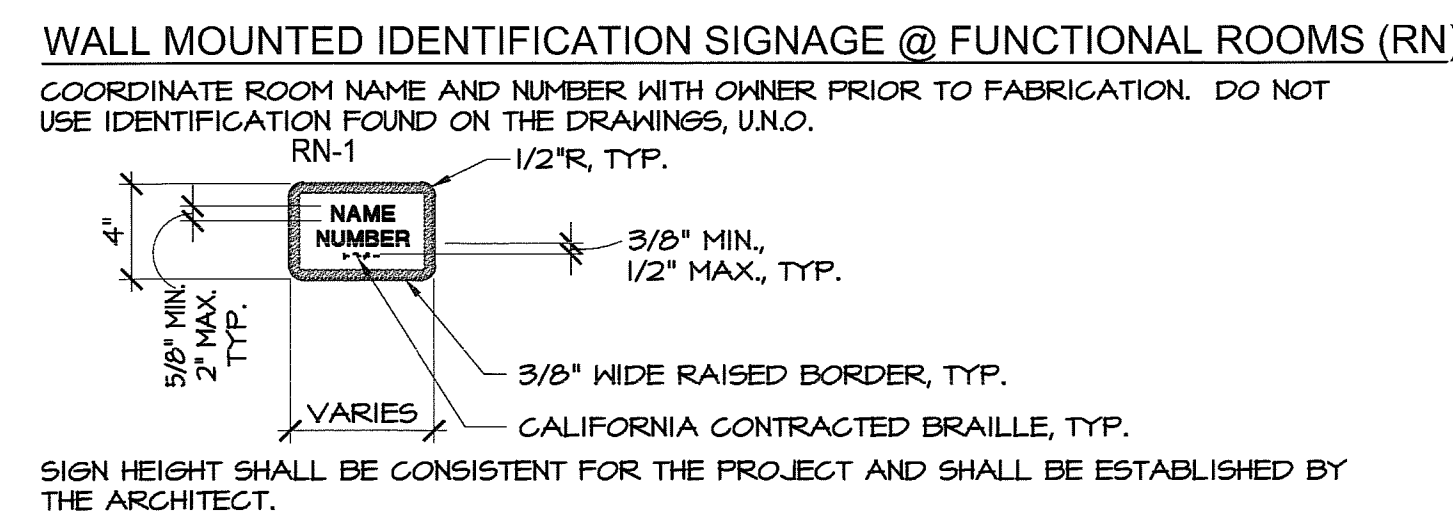
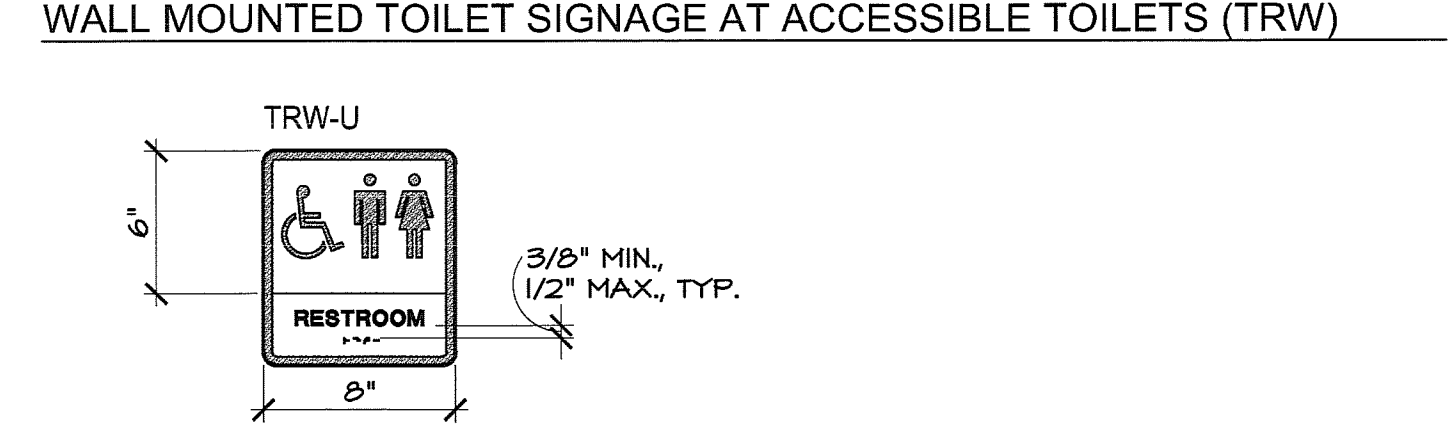
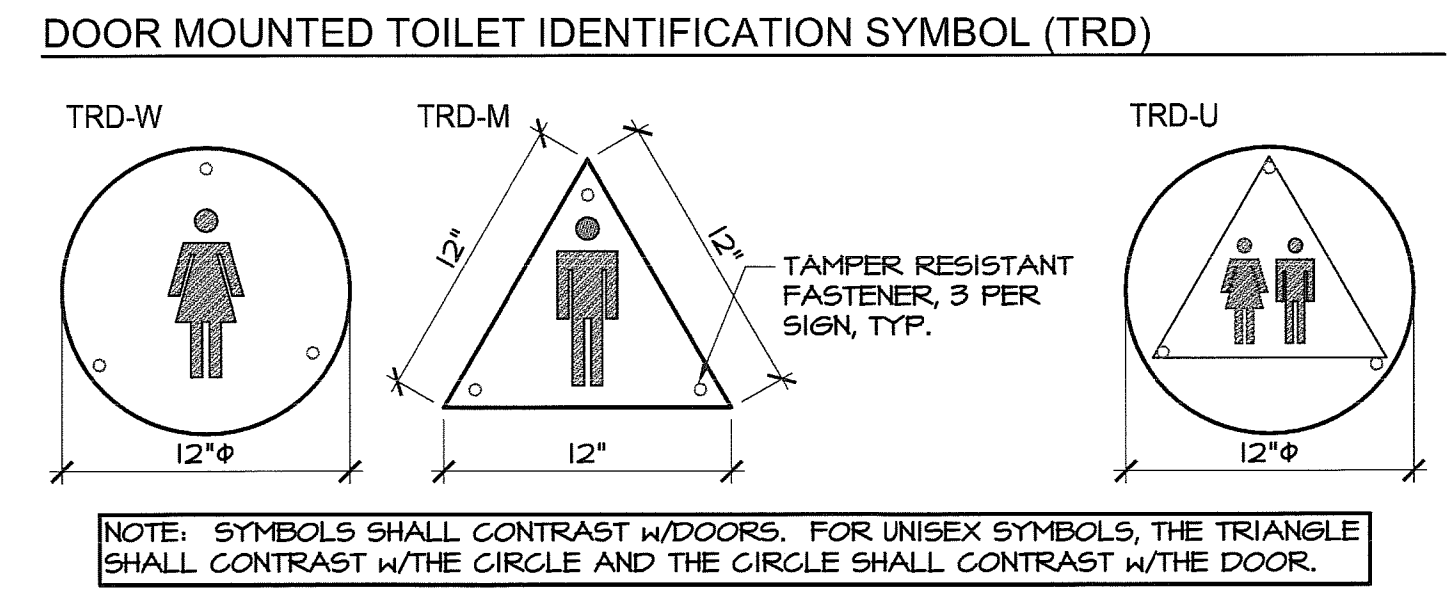
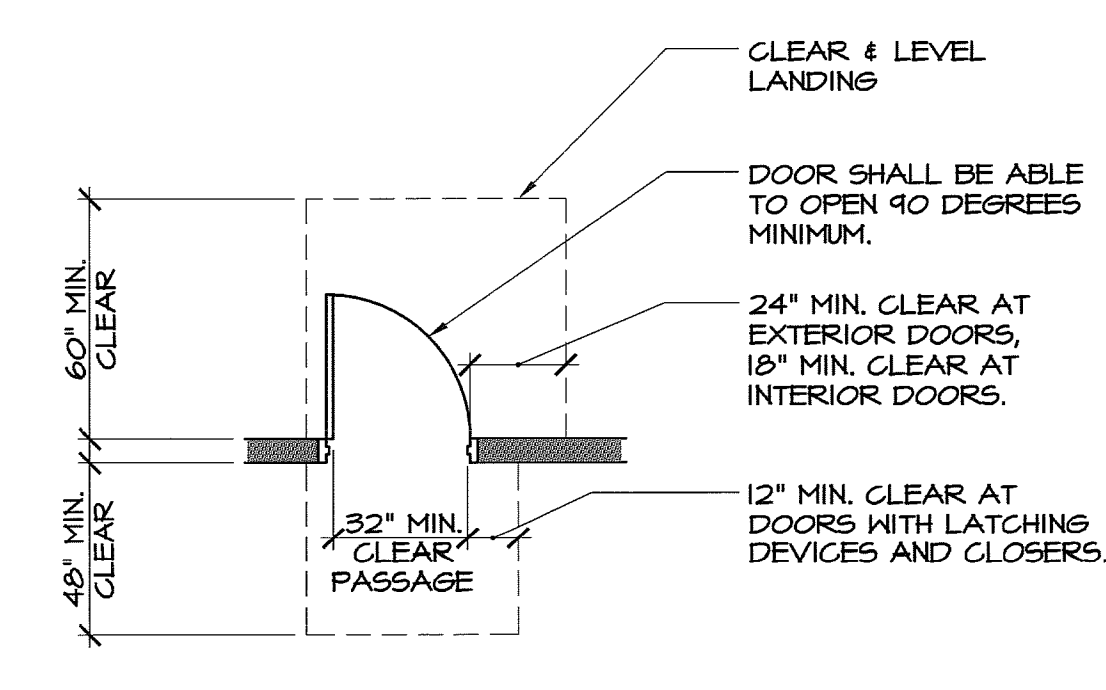
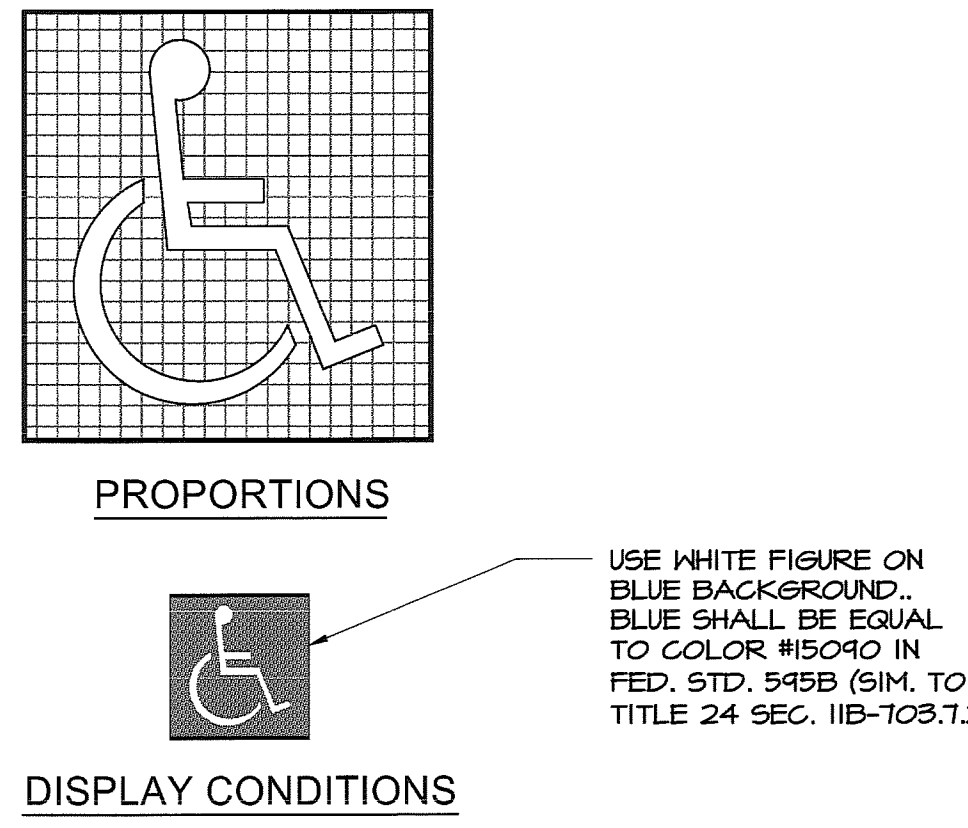
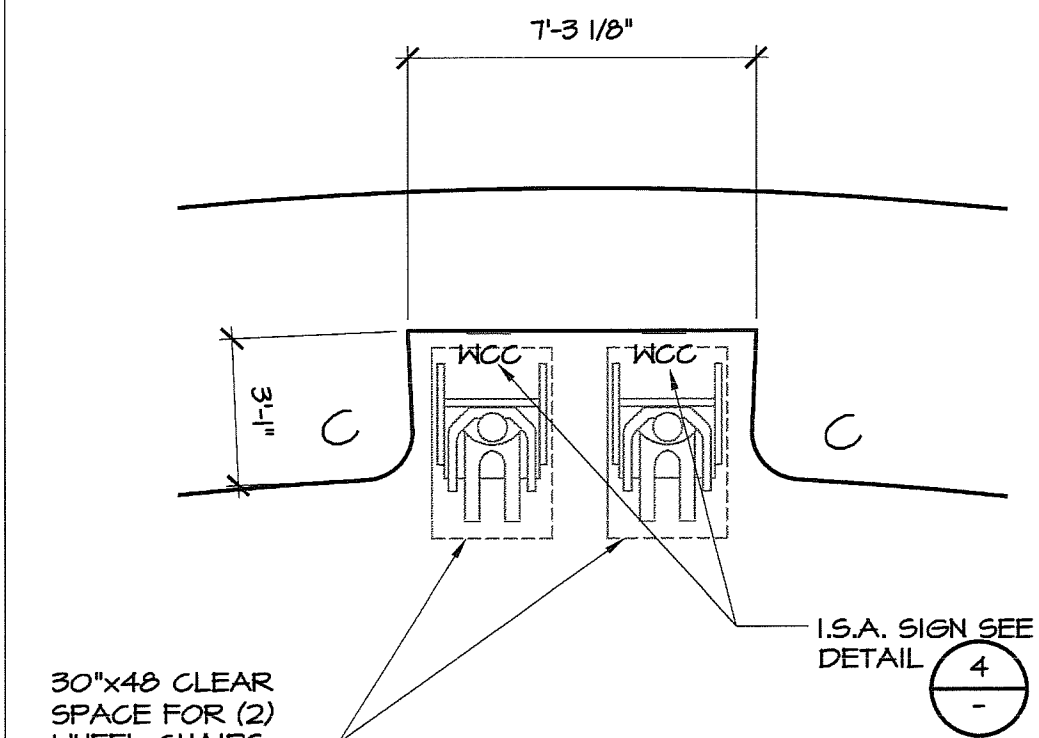
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PLOT DATE: 10/6/15

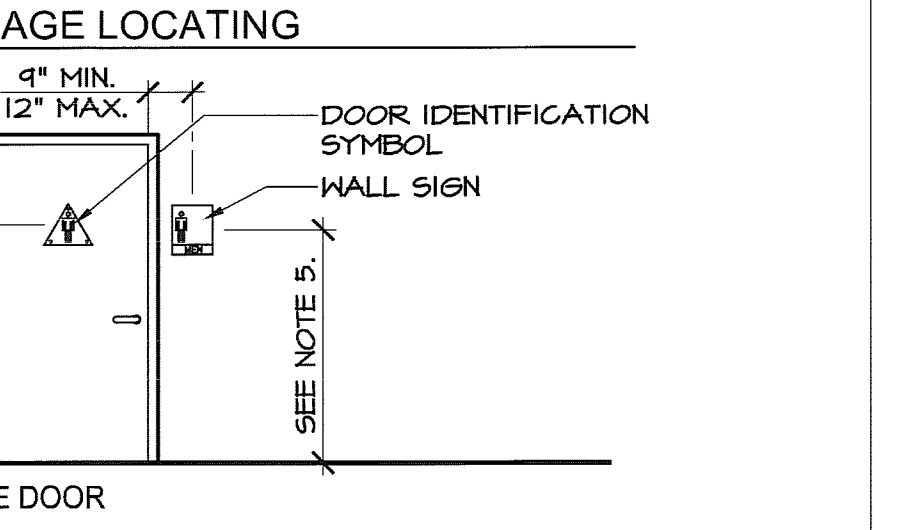
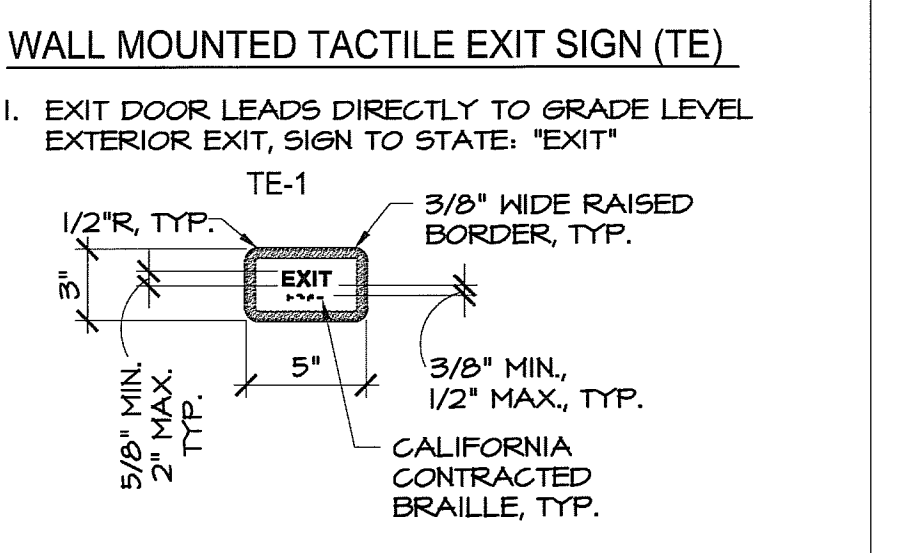
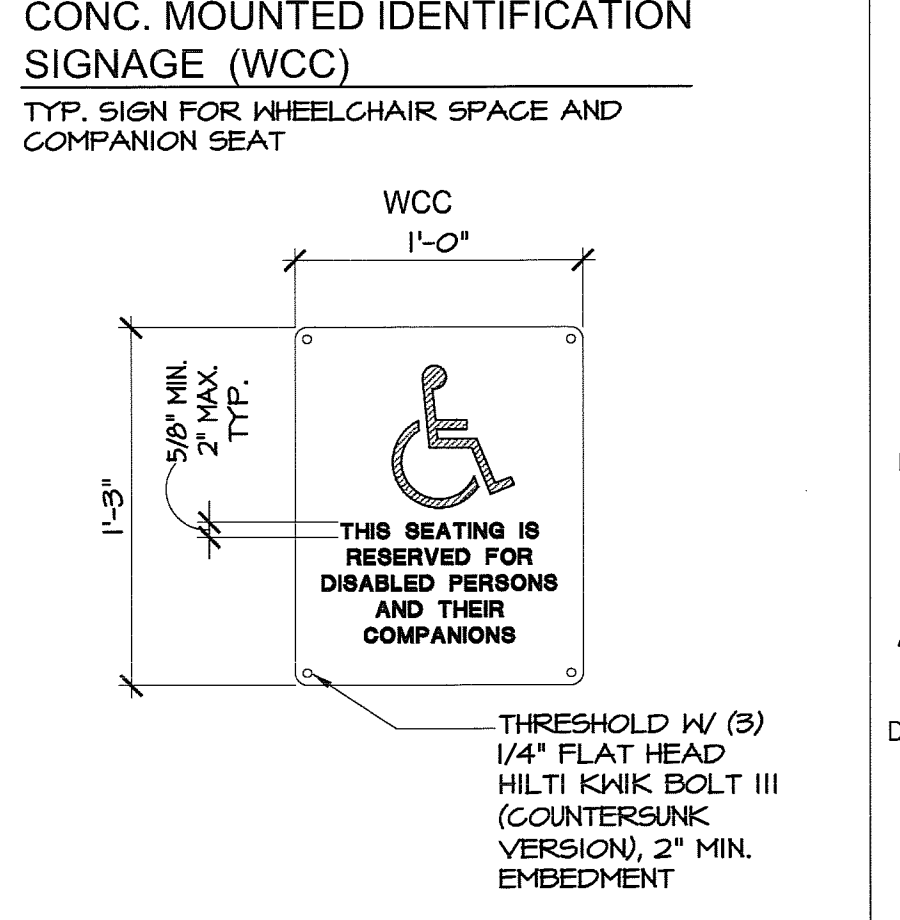
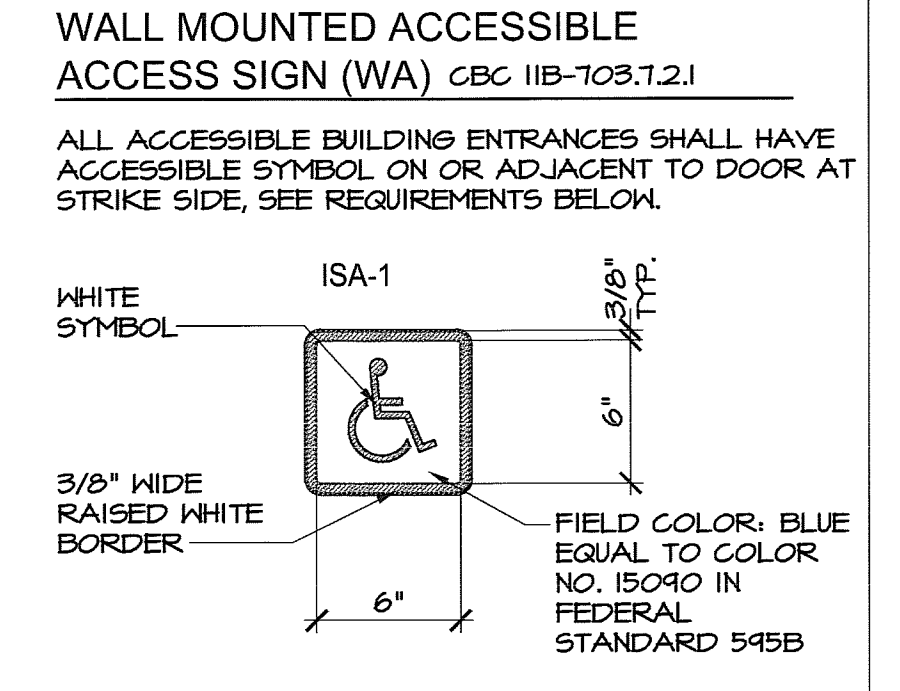
32 31-B_4

32 31-A_1

NOT USED	17	NOT USED	13	NOT USED	9
NOT USED	18	NOT USED	14	ACCESSIBLE SPACES	1/4" = 1'-0" 10
NOT USED	19	NOT USED	15	INTERNATIONAL SYMBOL OF ACCESSIBILITY	N.T.S. 11
NOT USED	20	NOT USED	16	WHEELCHAIR CLEAR SPACE AT DOORS	1/4" = 1'-0" 12



GENERAL NOTES:
 REF. 2013 CBC 11B-103
RAISED CHARACTERS AND BRAILLE.
 1. LETTERS AND NUMBERS ARE TO BE RAISED 1/32", SAN SERIF UPPER CASE CHARACTERS.
 2. LETTERS ARE TO BE UPPER CASE TEXT, SIZE 5/8" TO 2".
 3. RAISED CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15% MAXIMUM OF THE HEIGHT OF THE CHARACTER.
 4. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH 2013 CBC 11B-103.3, 11B-103.4, TABLE 11B-103.3.1, AND FIGURE 11B-103.3.1.
FINISH AND CONTRAST:
 1. CHARACTER, SYMBOLS, AND BACKGROUND SHALL HAVE AN EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH.
 2. CHARACTERS AND SYMBOLS SHALL HAVE A CONTRASTING COLOR WITH THE CHARACTERS AND BACKGROUND.
MOUNTING LOCATION AND HEIGHT:
 1. PERMANENT IDENTIFICATION SIGN SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR.
 2. AT PAIR OF DOORS, PERMANENT IDENTIFICATION SIGN SHALL BE MOUNTED WHERE INTERFERENCE WITH THE DOOR SWING DOES NOT OCCUR, PREFERABLY ON THE RIGHT.
 3. AT DOORS WITH NO CLEARANCE ON STRIKE SIDE, PERMANENT IDENTIFICATION SIGN SHALL BE MOUNTED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
 4. PERMANENT IDENTIFICATION SIGN SHALL BE MOUNTED TO ALLOW FOR A PERSON TO APPROACH WITHIN 3" OF THE SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
 5. WALL MOUNTED SIGNAGE WITH RAISED CHARACTERS AND BRAILLE SHALL BE MOUNTED SUCH THAT THE BASELINE OF THE LOWEST LINE OF BRAILLE TEXT SHALL BE NOT LESS THAN 48 INCHES ABOVE THE FINISH FLOOR, AND THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS SHALL BE NO MORE THAN 60 INCHES ABOVE FINISH FLOOR.
 6. ROOM IDENTIFICATION SIGNAGE SHALL BE LOCATED OUTSIDE OF THE ROOM BEING IDENTIFIED ADJACENT TO THE ENTRANCE DOOR TO THE ROOM.
 7. EXIT SIGNAGE SHALL BE LOCATED WITHIN THE ROOM/SPACE BEING EXITED ADJACENT TO THE DOOR AS IT IS APPROACHED TO EXIT FROM THE ROOM/SPACE.
 8. I.S.A. SYMBOL SEE DETAIL 11



WALL MOUNTED ACCESSIBLE ACCESS SIGN (WA) CBC 11B-103.7.2.1
 ALL ACCESSIBLE BUILDING ENTRANCES SHALL HAVE ACCESSIBLE SYMBOL ON OR ADJACENT TO DOOR AT STRIKE SIDE, SEE REQUIREMENTS BELOW.
CONC. MOUNTED IDENTIFICATION SIGNAGE (WCC)
 TYP. SIGN FOR WHEELCHAIR SPACE AND COMPANION SEAT.
WALL MOUNTED TACTILE EXIT SIGN (TE)
 1. EXIT DOOR LEADS DIRECTLY TO GRADE LEVEL EXTERIOR EXIT, SIGN TO STATE: "EXIT"

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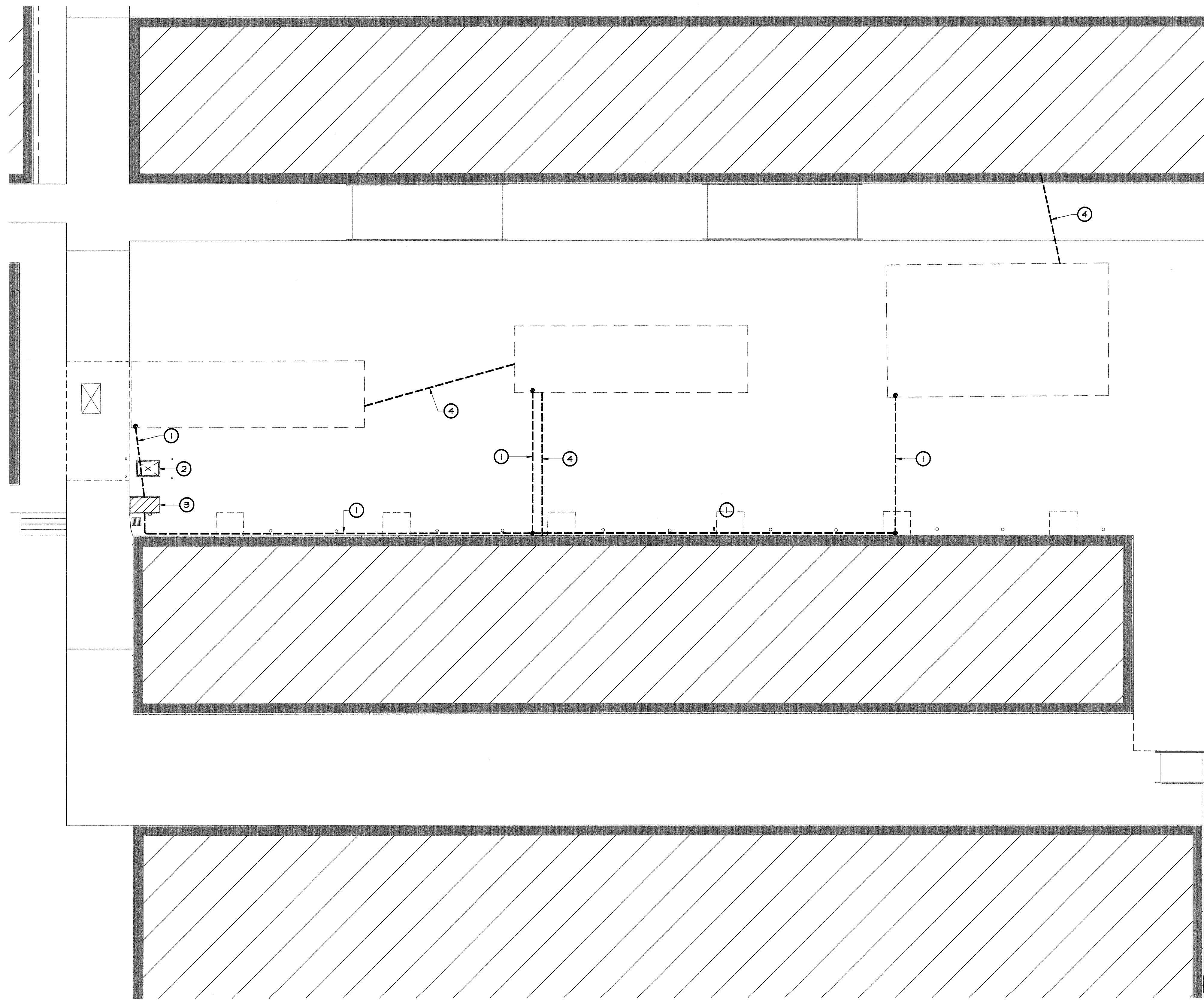
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 DRAWING TITLE
 DETAILS

PROJECT NO. 15-4630
 DRAWING 10 14-A-1
 N.T.S. 4

PLOT DATE: 11/05/15



KEYNOTES

- ① REMOVE (E) OVERHEAD POWER CONNECTION TO (E) BUILDING BEING REMOVED AND RE-LABEL (E) SOURCE CIRCUIT BREAKER AS 'SPARE'.
- ② (E) PS#1 TRANSFORMER SHALL REMAIN, TRACE, LOCATE, AND PROTECT (E) PS#1 PRIMARY AND SECONDARY FEEDERS DURING CONSTRUCTION.
- ③ (E) SWITCHBOARD SHALL REMAIN, TRACE, LOCATE AND PROTECT (E) UNDERGROUND FEEDERS FROM SWITCHBOARD DURING CONSTRUCTION.
- ④ REMOVE (E) OVERHEAD SIGNAL CONNECTIONS TO (E) BUILDING BEING REMOVED.

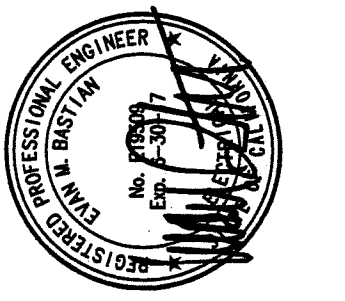
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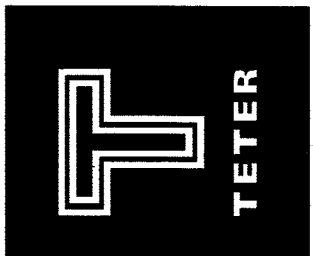
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DEMOLITION NOTES

- A. ELECTRICAL FACILITIES SHOWN DASHED ARE EXISTING.
1. THOSE SHOWN LIGHTWEIGHT (FADED) SHALL REMAIN AND REQUIRE MODIFICATION AS NOTED.
 2. THOSE SHOWN HEAVYWEIGHT (DARK) REQUIRE REMOVAL OR RELOCATION AS NOTED.
- B. EXISTING ELECTRICAL FACILITIES AND CIRCUITING SHOWN ARE BASED ON LIMITED RECORD DRAWINGS AND LIMITED SITE VISITS. THE DRAWINGS MAY NOT ACCURATELY REPRESENT ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND RING OUT EXISTING CIRCUITS TO DETERMINE EXACT ROUTING.

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 BAKERSFIELD, CA
 DRAWING TITLE
 DEMOLITION ELECTRICAL SITE PLAN

PROJECT NO.
 15-4630

DRAWING
 E100

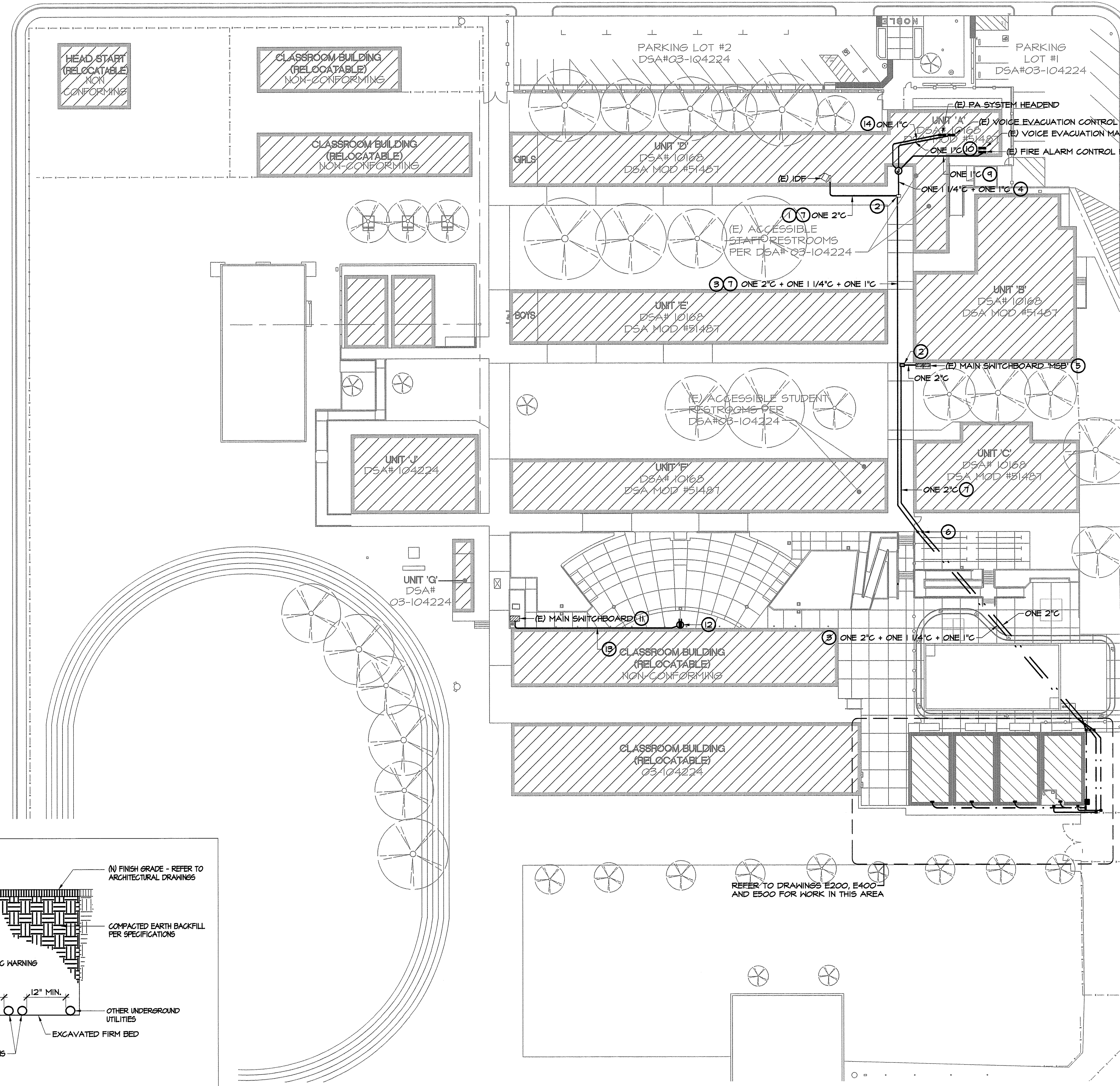
ELECTRICAL DEMOLITION PLAN

SCALE: 1" = 10'-0" 1

NOBLE AVENUE

RIVER BLVD.

BERKELEY STREET



KEYNOTES

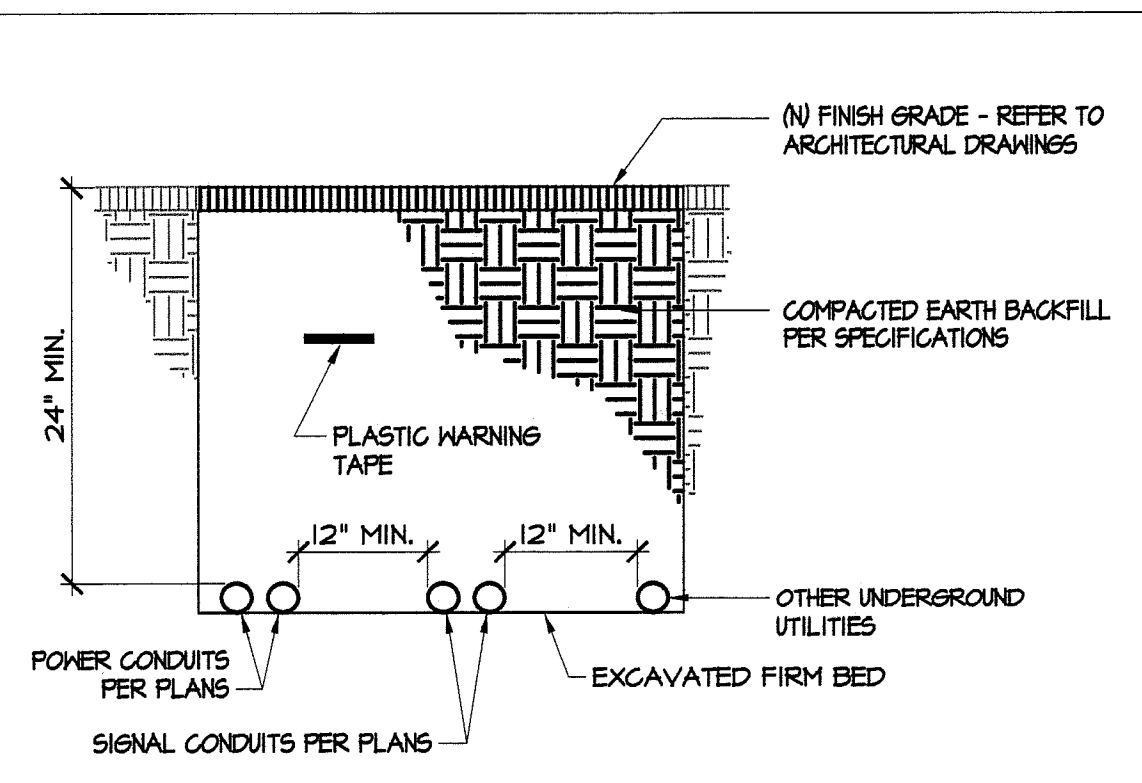
- 1 ONE 2" C, ONE TYPE 'FO' CABLE.
- 2 18"x18"x6" WEATHERPROOF FULLCAN MOUNTED TO TOP OF CANOPY.
- 3 ONE 2" C, ONE TYPE 'FO' CABLE + ONE 1 1/4" C, ONE TYPE 'FAS' CABLE AND ONE TYPE 'FSS' CABLE + ONE 1" C, ONE TYPE 'SS' CABLE.
- 4 ONE 1 1/4" C, ONE TYPE 'FAS' CABLE AND ONE TYPE 'FSS' CABLE + ONE 1" C, ONE TYPE 'SS' CABLE.
- 5 PROVIDE AND INSTALL ONE (1) 125A, 3-POLE CIRCUIT BREAKER AT (E) MAIN SWITCH BOARD 'MSB' FOR PROTECTION OF (N) FEEDER TO (N) TRANSFORMER 'T-R'.
- 6 ROUTE CONDUITS DOWN FROM TOP OF CANOPY DOWN TO GRADE ADJACENT TO (E) CANOPY SUPPORT. PAINT CONDUITS TO MATCH (E) SURROUNDING AREA.
- 7 ROUTE CONDUIT TO TOP OF CANOPY.
- 8 (E) FIRE ALARM EQUIPMENT INSTALLED UNDER DSA #03-115810, CGD #02.
- 9 ONE 1" C, ONE TYPE 'FAS' CABLE.
- 10 ONE 1" C, ONE TYPE 'FSS' CABLE.
- 11 PROVIDE AND INSTALL ONE (1) 20A, 1-POLE CIRCUIT BREAKER AT (E) MAIN SWITCHBOARD 'MSB' FOR PROTECTION OF NEW EXTERIOR RECEPTACLE BRANCH CIRCUIT.
- 12 WEATHERPROOF OFFC TYPE RECEPTACLE WITH "IN-USE" TYPE COVER AT +18" AFG.
- 13 ROUTE CONDUIT ALONG UNDERSIDE OF BUILDING EASE AND PAINT TO MATCH (E) SURROUNDING AREA.
- 14 ONE 1" C, ONE TYPE 'SS' CABLE.

GENERAL NOTES

- A. PROVIDE AND INSTALL ELECTRICAL FEEDERS PER SINGLE LINE DIAGRAM.
- B. PROVIDE AND INSTALL PULLBOXES PER DETAIL 9/E800.
- C. SITE CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW FINAL GRADE.
- D. SPECIAL PRECAUTION SHALL BE TAKEN WHEN TRENCHING TO LOCATE, PROTECT AND PRESERVE EXISTING UNDERGROUND UTILITIES. ANY DAMAGE CAUSED DURING THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED.
- E. ALL PATCHING REQUIRED DUE TO DEMOLITION OR NEW CONSTRUCTION WORK ON (E) WALLS, CEILING, FLOORS, AND/OR ROOFS SHALL BE FINISHED TO MATCH (E) SURROUNDING AREAS.
- F. EXISTING ELECTRICAL FACILITIES AND CIRCUITING SHOWN ARE BASED ON LIMITED RECORD DRAWINGS AND LIMITED SITE VISITS. THE DRAWINGS MAY NOT ACCURATELY REPRESENT ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND RING OUT EXISTING CIRCUITS TO DETERMINE EXACT ROUTING.
- G. REFER TO DETAIL 2/E101 FOR TYPICAL UNDERGROUND CONDUIT TRENCH SECTION.

FIRE ALARM INSTALLATION NOTES

- A. THE LOCATION OF AUTOMATIC DETECTORS, MANUAL PULL STATIONS AND OTHER FIRE ALARM EQUIPMENT AND DEVICES, AS SHOWN ON PLAN, ARE FOR REFERENCE ONLY, AND DO NOT CONSTITUTE SHOP DRAWINGS WHICH ARE REQUIRED FOR REVIEW AND APPROVAL.
- B. ALL DRAWINGS ARE DIAGRAMMATIC ONLY, AND SHALL NOT BE USED IN DETERMINING ACTUAL CONDUIT ROUTING. THE CONTRACTOR SHALL VERIFY ALL CONDUIT ROUTING CONDITIONS AT THE PROJECT SITE AS CONSTRUCTION PROGRESSES.
- C. ALL FIRE ALARM DATA COMMUNICATIONS AND INITIATING CIRCUITS SHALL BE INSTALLED UTILIZING SOLID COPPER CONDUCTORS WITH OUTER COVERING COLORS PER THE SPECIFICATIONS AND AS SHOWN ON THE DRAWINGS. ALL SMOKE DAMPER AND REMOTE TROUBLE INDICATOR CIRCUITS SHALL BE YELLOW. ALL CIRCUITS SHALL BE INDIVIDUALLY LABELED, BOTH AT THE DEVICE END AND AT THE SIGNAL TERMINAL CABINET AND/OR FIRE ALARM MASTER PANEL TERMINATION POINT.
- D. ALL FIRE ALARM CIRCUITS SHALL BE CONTINUOUS FROM DEVICE TO DEVICE. SPLICES ARE NOT ALLOWED UNLESS IN COVERED JUNCTION BOXES ON APPROVED TERMINAL BLOCKS. 'T' TAPPING IS ALLOWED ONLY IN INITIATION LOOPS CONNECTING ADDRESSABLE DEVICES AND ONLY UNDER THESE CONDITIONS UNDER NO CIRCUMSTANCES SHALL 'T' TAPPING BE PERMITTED BETWEEN CONVENTIONAL DEVICES.
- E. SMOKE DETECTORS SHALL BE INSTALLED AWAY FROM AIR SUPPLY GRILLES AT A MINIMUM DISTANCE OF 3' PER NFPA 72 11.8.3.5 OR GREATER AS RECOMMENDED BY THE MANUFACTURER.
- F. CONTRACTOR SHALL SYNCHRONIZE TWO OR MORE STROBES IN ONE ROOM AND TWO OR MORE HORNS WITHIN HEARING OF EACH OTHER.



CONDUIT TRENCH SECTION NTS 2

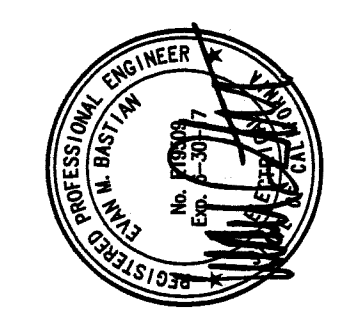
ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0" 1

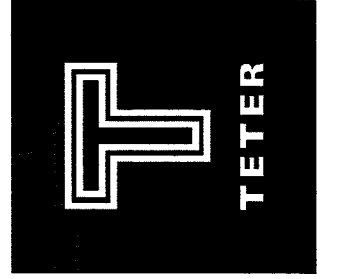
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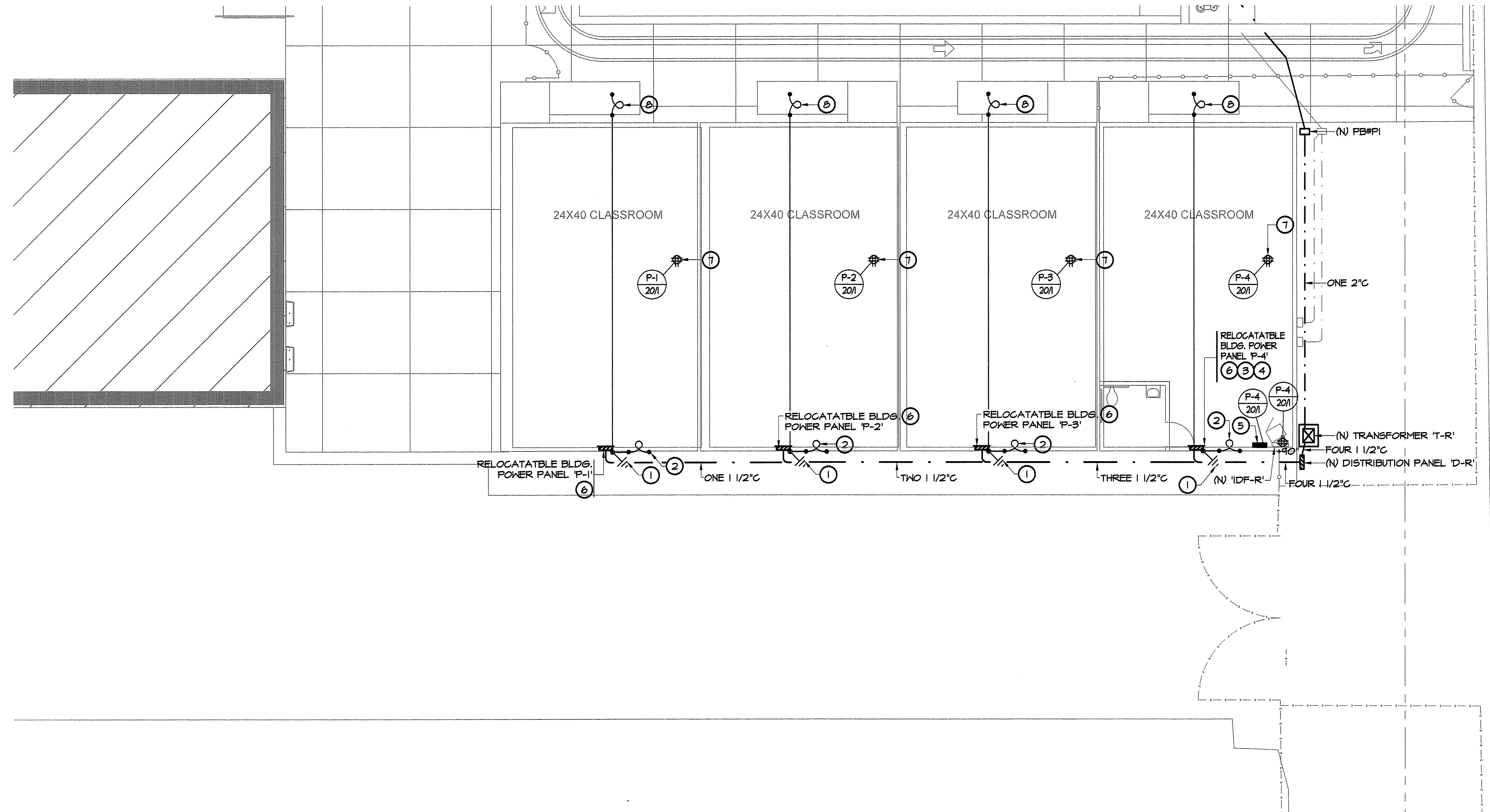
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 DRAWING TITLE: OVERALL ELECTRICAL SITE PLAN
 PROJECT NO.: 15-4630
 DRAWING: E101



KEYNOTES

- ① PROVIDE AND INSTALL SYSTEM GROUNDING FACILITIES PER DETAIL 6/E800 AND GROUND WELL PER DETAIL 5/E800.
- ② PROVIDE AND INSTALL GROUNDING LUGS ON BOTH SIDES OF RIGID METAL BEAMS AND BOND SECTIONS OF RELOCATABLE BUILDING TOGETHER WITH #6 CU BONDING JUMPER.
- ③ PROVIDE AND INSTALL ONE (1) 20A, 1-POLE CIRCUIT BREAKER AT RELOCATABLE BLDG. POWER PANEL 'P-4' FOR PROTECTION OF NEW IDF RECEPTACLE BRANCH CIRCUIT.
- ④ PROVIDE AND INSTALL ONE (1) 20A, 1-POLE CIRCUIT BREAKER AT RELOCATABLE BUILDING POWER PANEL 'P-4' FOR PROTECTION OF NEW FIRE ALARM VISUAL DEVICE BOOSTER PANEL BRANCH CIRCUIT. CIRCUIT BREAKER SHALL BE RED IN COLOR, BE LABELED 'FIRE ALARM CIRCUIT', AND SHALL HAVE A MECHANICAL LOCK-ON DEVICE.
- ⑤ PROVIDE 120VAC POWER CONNECTION TO FIRE ALARM VISUAL DEVICE BOOSTER PANEL.
- ⑥ PROVIDE AND INSTALL ONE (1) 20A, 1-POLE CIRCUIT BREAKER AT RELOCATABLE BUILDING POWER PANEL 'P-4' FOR PROTECTION OF ADDITIONAL RECEPTACLE BRANCH CIRCUIT.
- ⑦ QUADRIPLEX RECEPTACLE FLUSH MOUNTED IN CEILING.
- ⑧ PROVIDE AND INSTALL GROUNDING LUGS AND #6 CU GND TO BOND METAL HANDRAIL AND RAMP TO THE BUILDING GROUNDING ELECTRODE SYSTEM.

GENERAL NOTES

- A. PROVIDE AND INSTALL ELECTRICAL FEEDERS PER SINGLE LINE DIAGRAM.
- B. PROVIDE AND INSTALL PULLBOXES PER DETAIL 9/E800.
- C. SITE CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW FINAL GRADE.
- D. SPECIAL PRECAUTION SHALL BE TAKEN WHEN TRENCHING TO LOCATE, PROTECT AND PRESERVE EXISTING UNDERGROUND UTILITIES. ANY DAMAGE CAUSED DURING THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED.
- E. ALL PATCHING REQUIRED DUE TO DEMOLITION OR NEW CONSTRUCTION WORK ON (E) WALLS, CEILINGS, FLOORS, AND/OR ROOFS SHALL BE FINISHED TO MATCH (E) SURROUNDING AREAS.
- F. EXISTING ELECTRICAL FACILITIES AND CIRCUITING SHOWN ARE BASED ON LIMITED RECORD DRAWINGS AND LIMITED SITE VISITS. THE DRAWINGS MAY NOT ACCURATELY REPRESENT ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND RING OUT EXISTING CIRCUITS TO DETERMINE EXACT ROUTING.
- G. REFER TO DETAIL 2/E101 FOR TYPICAL UNDERGROUND CONDUIT TRENCH SECTION.

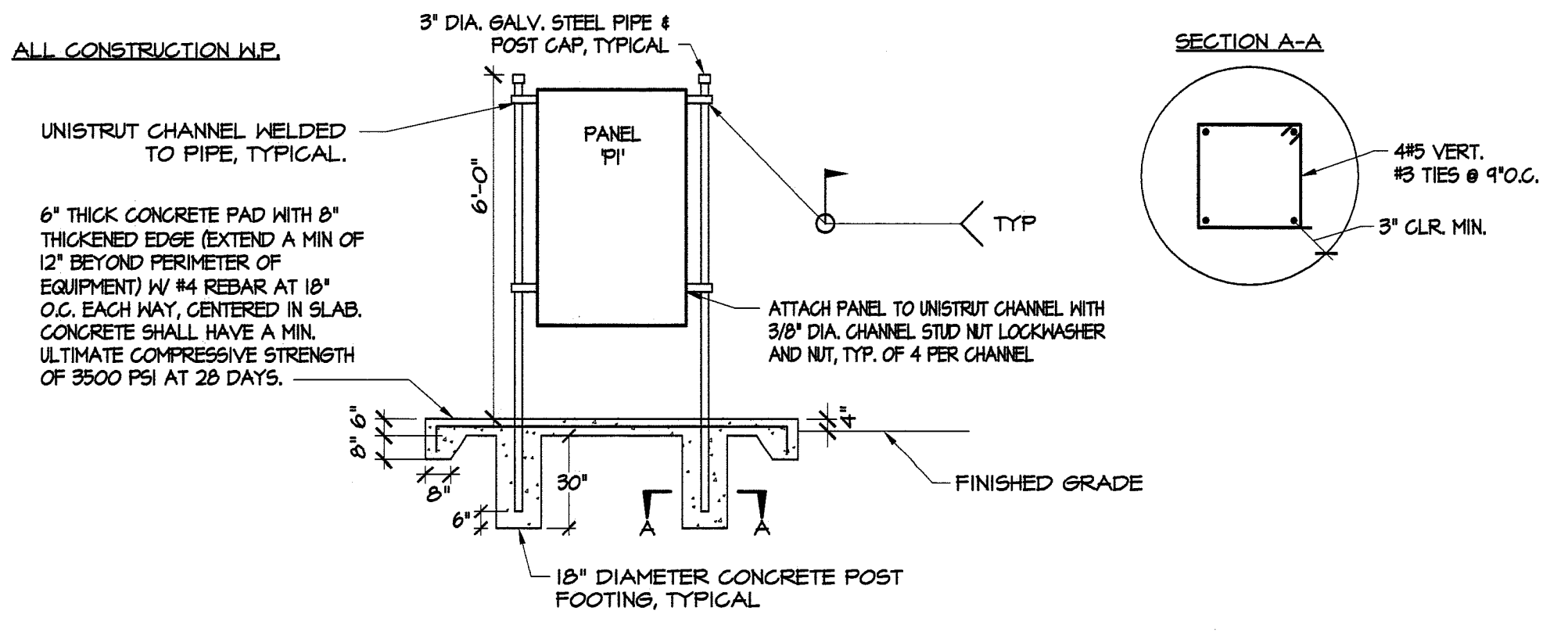
POWER AND GROUNDING PLANS

SCALE: 1/8" = 1'-0" 1

PANEL: D-R				400 AMP BUS				MAIN: 300A CB				LOCATION: SOUTHWEST OF NEW RELOCATABLES			
NEW PANELBOARD				120/208V, 3 PH, 4 W				TRIP: THERMAL-MAGNETIC				MOUNTING: POST/STRUT PER 2/E200			
100% RATED NEUTRAL				A.I.C.: 10000 A				ENCLOSURE: NEMA 3R							
CIRCUIT NO.	BREAKER	SERVES	LOAD	VOLT-AMPERES			SERVES	BREAKER	CIRCUIT						
				A	B	C									
1	1	RELO BLDG POWER PANEL 'P-1'	5180	10340			RELO BLDG POWER PANEL 'P-2'	100	2						
3	3		5240		10520			100	2						
5	5	RELO BLDG POWER PANEL 'P-3'	5180			10340	RELO BLDG POWER PANEL 'P-4'	100	2						
7	7		5240	10520				100	2						
9	9	SPARE	0	0	0	0	SPACE	20	1						
11	11	SPARE	0	0	0	0	SPACE	20	1						
13	13	SPARE	0	0	0	0	SPACE	20	1						
15	15	SPARE	0	0	0	0	SPACE	20	1						
17	17	SPARE	0	0	0	0	SPACE	20	1						
19	19	SPARE	0	0	0	0	SPACE	20	1						
21	21	SPARE	0	0	0	0	SPACE	20	1						
23	23	SPARE	0	0	0	0	SPACE	20	1						
25	25	SPARE	0	0	0	0	SPACE	20	1						
27	27	SPARE	0	0	0	0	SPACE	20	1						
29	29	SPARE	0	0	0	0	SPACE	20	1						
TOTAL CONNECTED LOAD (VA):			20880	10520	10340										
25% LCL/LML (VA):			0	0	0										
TOTAL CALCULATED LOAD (VA):			20880	10520	10340	TOTAL CALCULATED LOAD FOR PANEL:									
TOTAL CALCULATED LOAD (AMPS):			174.0	87.7	84.3	41760 VA									

PANEL SCHEDULE

3

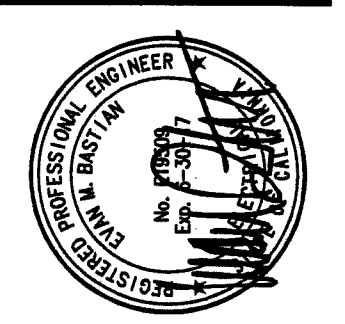


POST/STRUT PANEL MOUNTING

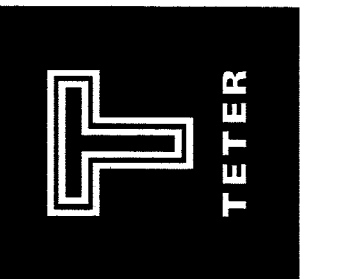
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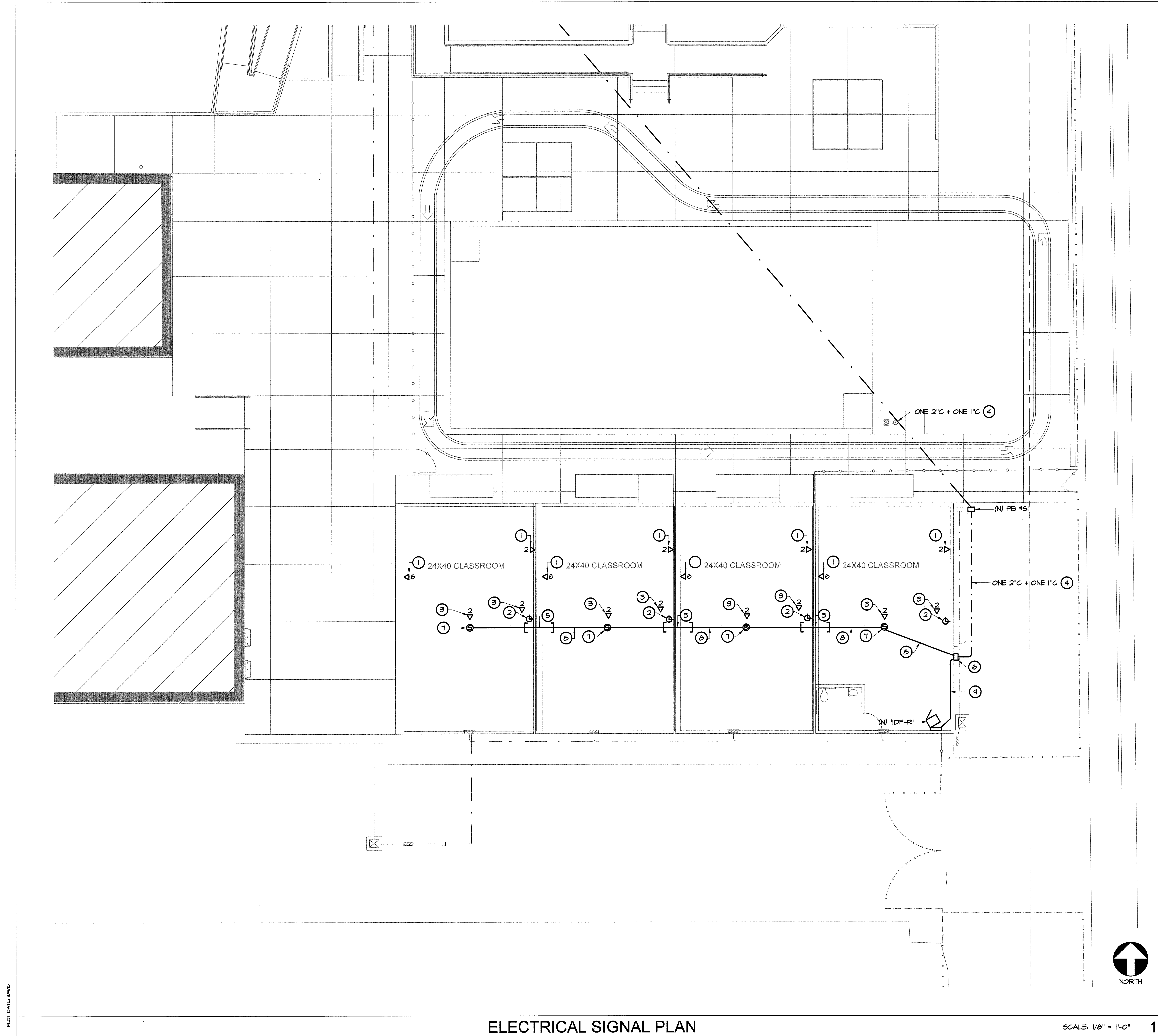


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 BAKERSFIELD, CA
 DRAWING TITLE
POWER AND GROUNDING PLANS

PROJECT NO.
15-4630

DRAWING
E200

PLOT DATE: 11/10/15



KEYNOTES

- ① PROVIDE AND INSTALL DATA OUTLET ON WALL WITH SURFACE MOUNTED RACEWAY TO ACCESSIBLE ATTIC SPACE ABOVE CEILING, HUBBELL #77 OR EQUIVALENT.
- ② PROVIDE AND INSTALL ATOMIC-TYPE CLOCK ON WALL AT CLOCK OUTLET. COORDINATE EXACT CLOCK REQUIREMENTS WITH OWNER.
- ③ DATA OUTLET FLUSH MOUNTED IN CEILING.
- ④ ONE 2" C, ONE TYPE 'FO' CABLE + ONE 1" C, ONE TYPE 'SS' CABLE.
- ⑤ PROVIDE ONE 4" BETWEEN BUILDINGS TO FACILITATE INSTALLATION OF SIGNAL CABLING.
- ⑥ 18"x18"x6" WEATHERPROOF PULLCAN MOUNTED TO BUILDING EXTERIOR.
- ⑦ PROVIDE AND INSTALL INTERCOMMUNICATION SYSTEM SPEAKER FLUSH MOUNTED IN CEILING. COORDINATE INTERCOMMUNICATION SYSTEM SPEAKER REQUIREMENTS WITH OWNER.
- ⑧ ONE 3/4" C, ONE TYPE 'S' CABLE (SPEAKER). COORDINATE SPEAKER CABLING REQUIREMENTS WITH OWNER.
- ⑨ ONE 2" C, ONE TYPE 'FO' CABLE.

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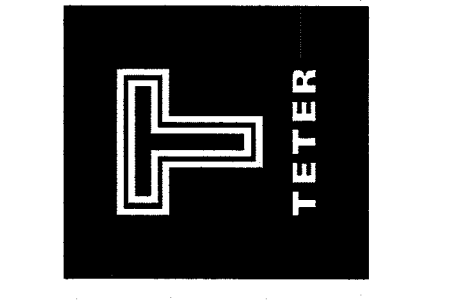
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GENERAL NOTES

- A. CONDUIT AND CONDUCTORS FOR NEW DATA OUTLETS AND NEW FIRE ALARM DEVICES IN WALLS SHALL BE CONCEALED.
- B. ALL PATCHING REQUIRED DUE TO WORK ON RELOCATABLE BUILDING WALLS, CEILINGS, FLOORS, AND/OR ROOFS SHALL BE FINISHED TO MATCH SURROUNDING AREAS.
- C. EACH DATA CABLE SHALL BE HOMERUN FROM OUTLET TO NEW 'IDF-R' IN SOUTHEAST RELOCATABLE BUILDING.
- D. DATA CABLES SHALL BE NEATLY BUNDLED WITH VELCRO STRAPS AT 36" O.C., AND SHALL BE INDEPENDENTLY SUPPORTED FROM J-HOOKS WITHIN THE ACCESSIBLE ATTIC SPACE.
- E. TERMINATE DATA CABLES ON MODULAR PATCH PANELS AT NEW 'IDF-R' IN SOUTHEAST RELOCATABLE BUILDING.
- F. REFER TO DETAIL 2/E101 FOR TYPICAL UNDERGROUND CONDUIT TRENCH SECTION.



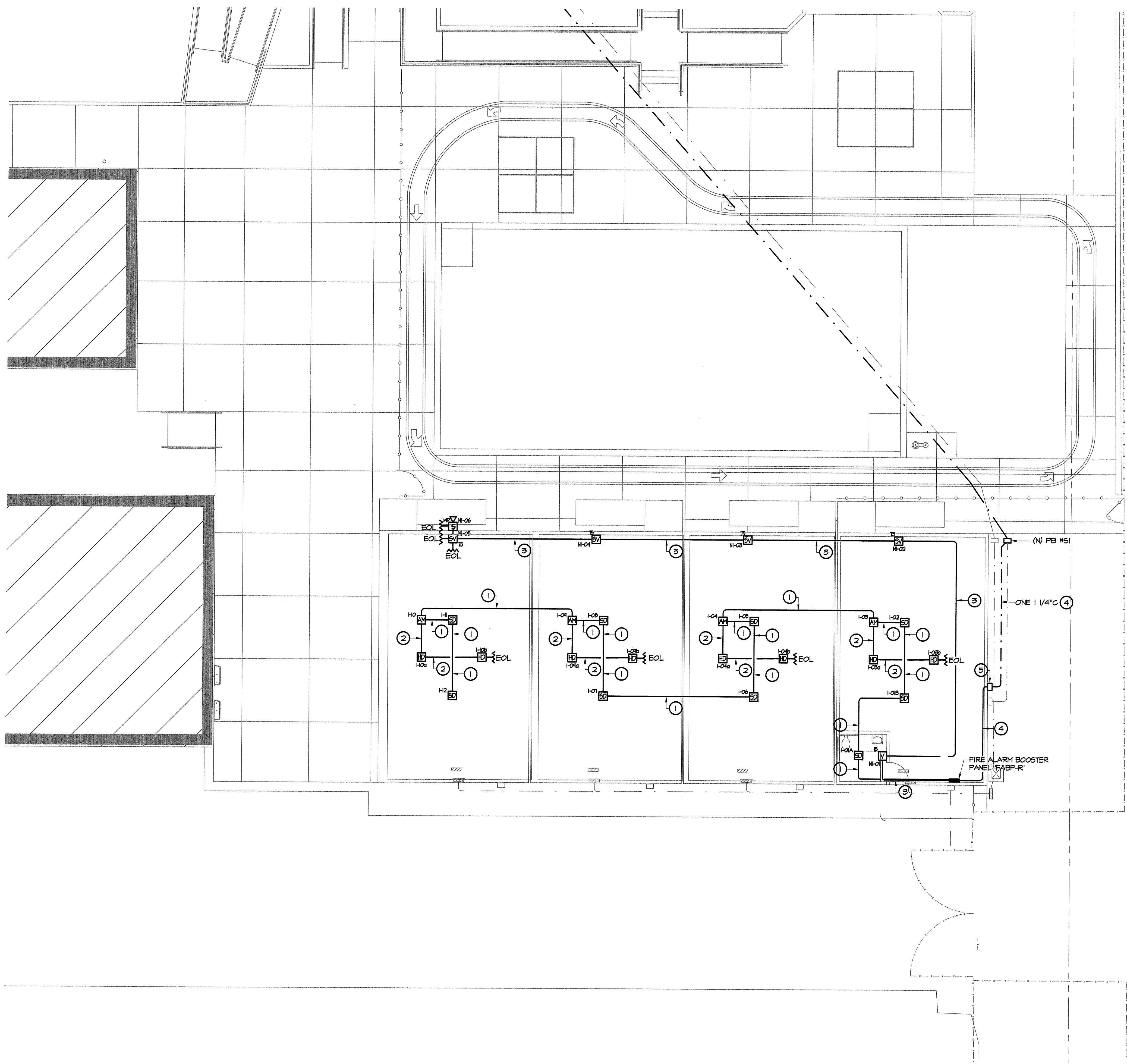
**DOH PORTABLE
 REPLACEMENT
 NOBLE ELEMENTARY SCHOOL**
 BAKERSFIELD, CA
 DRAWING TITLE
SIGNAL PLAN

PROJECT NO.
15-4630
 DRAWING
E400

ELECTRICAL SIGNAL PLAN

SCALE: 1/8" = 1'-0" **1**

PL07 DATE: 11/10/15

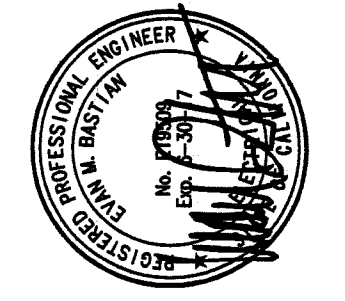


KEYNOTES

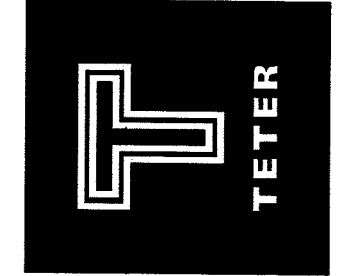
- ① ONE 3/4"Ø, ONE TYPE FA' CABLE.
- ② ONE 3/4"Ø, 2#14 CU THIN.
- ③ ONE 3/4"Ø, ONE TYPE FN' CABLE AND ONE TYPE FS' CABLE.
- ④ ONE 1 1/4"Ø, ONE TYPE FAS' CABLE AND ONE TYPE FSS' CABLE.
- ⑤ 12"x12"x6" WEATHERPROOF FULLBOX MOUNTED TO BUILDING EXTERIOR.

MARK	DATE	DESCRIPTION
A	11/10/15	DSA BACK CHECK

FILE NUMBER: 15-6
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APPL: 03-116415
 AC FLS SS JH
 DATE: NOV 10 2015



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ARCHITECTS ENGINEERS CONNECTED



FIRE ALARM INSTALLATION NOTES

- A. REFER TO 5/6100 FOR FIRE ALARM DEVICE ELEVATIONS.
- B. THE LOCATION OF AUTOMATIC DETECTORS, MANUAL PULL STATIONS AND OTHER FIRE ALARM EQUIPMENT AND DEVICES, AS SHOWN ON PLAN, ARE FOR REFERENCE ONLY, AND DO NOT CONSTITUTE SHOP DRAWINGS WHICH ARE REQUIRED FOR REVIEW AND APPROVAL.
- C. ALL DRAWINGS ARE DIAGRAMMATIC ONLY, AND SHALL NOT BE USED IN DETERMINING ACTUAL CONDUIT ROUTING. THE CONTRACTOR SHALL VERIFY ALL CONDUIT ROUTING CONDITIONS AT THE PROJECT SITE AS CONSTRUCTION PROGRESSES.
- D. ALL FIRE ALARM DATA, COMMUNICATIONS AND INITIATING CIRCUITS SHALL BE INSTALLED UTILIZING SOLID COPPER CONDUCTORS WITH OUTER COVERING COLORS PER THE SPECIFICATIONS AND AS SHOWN ON THE DRAWINGS. ALL SMOKE DAMPER AND REMOTE TROUBLE INDICATOR CIRCUITS SHALL BE YELLOW. ALL CIRCUITS SHALL BE INDIVIDUALLY LABELED, BOTH AT THE DEVICE END AND AT THE SIGNAL TERMINAL CABINET AND/OR FIRE ALARM MASTER PANEL TERMINATION POINT.
- E. ALL FIRE ALARM CIRCUITS SHALL BE CONTINUOUS FROM DEVICE TO DEVICE. SPLICES ARE NOT ALLOWED UNLESS IN COVERED JUNCTION BOXES ON APPROVED TERMINAL BLOCKS. "T" TAPPING IS ALLOWED ONLY IN INITIATION LOOPS CONNECTING ADDRESSABLE DEVICES AND ONLY UNDER THESE CONDITIONS. UNDER NO CIRCUMSTANCES SHALL "T" TAPPING BE PERMITTED BETWEEN CONVENTIONAL DEVICES.
- D. SMOKE DETECTORS SHALL BE INSTALLED AWAY FROM AIR SUPPLY GRILLES AT A MINIMUM DISTANCE OF 3' PER NFPA 72 11.8.3.5 OR GREATER AS RECOMMENDED BY THE MANUFACTURER.
- E. CONTRACTOR SHALL SYNCHRONIZE TWO OR MORE STROBES IN ONE ROOM AND TWO OR MORE HORNS WITHIN HEARING OF EACH OTHER.

**DOH PORTABLE
 REPLACEMENT
 NOBLE ELEMENTARY SCHOOL**
 BAKERSFIELD, CA
 DRAWING TITLE
FIRE ALARM PLAN

PROJECT NO.
15-9630

DRAWING
E500

ELECTRICAL FIRE ALARM PLAN

SCALE: 1/8" = 1'-0" **1**

PLOT DATE: 11/10/15

FIRE ALARM SYSTEM DESCRIPTION
 THE FIRE ALARM/EMERGENCY VOICE ALARM COMMUNICATION SYSTEM DESCRIBED BY THESE DRAWINGS AND ASSOCIATED SPECIFICATIONS IS AN AUTOMATIC SYSTEM. THIS SYSTEM UTILIZES SMOKE DETECTORS ON CEILING AND IN THE ROOM HOUSING THE FIRE ALARM SYSTEM EQUIPMENT, WITH HEAT DETECTORS IN ATTIC SPACES. THE SYSTEM IS ADDRESSABLE AND IS WIRED CLASS B WITHIN THE BUILDINGS AND CLASS B BETWEEN BUILDINGS.

FIRE ALARM APPROVAL
 THE FIRE ALARM SYSTEM DESIGN IS A "COMPLETE PLAN SUBMITTAL" PER DSA FIRE ALARM SUBMITTAL GUIDELINES. THE CONTRACTOR SHALL INSTALL THE SYSTEM AS SHOWN AND AS HEREIN SPECIFIED. IF ANY SUBSTITUTION OF FIRE ALARM EQUIPMENT IS TO BE REQUESTED, SUCH REQUEST SHALL BE MADE A MINIMUM OF TWO WEEKS PRIOR TO PROJECT BID DATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE SUBSTITUTION PER THE DSA GUIDELINES AND SHALL PAY ALL ADDITIONAL COSTS REQUIRED TO ACCOMMODATE REVIEW OF THE SUBSTITUTED FIRE ALARM SYSTEM BY DSA, WHETHER OR NOT SUCH APPROVAL IS GIVEN. THE CONTRACTOR'S SUBMITTAL SHALL INCLUDE MANUFACTURER'S CATALOG CUT SHEETS AND CFSM LISTING SHEETS FOR THE INDIVIDUAL COMPONENTS COMPRISING THE SUBSTITUTED FIRE ALARM SYSTEM, BATTERY LOAD CALCULATIONS AND VOLTAGE DROP CALCULATIONS FOR EACH SIGNALING CIRCUIT.

APPLICABLE CODES AND STANDARDS
 2013 CA BUILDING CODE - PARTS 1 & 2, TITLE 24, CCR (2012 IBC AND CALIFORNIA AMENDMENTS)
 2013 CA ELECTRICAL CODE - PART 3, TITLE 24, CCR (2011 NEC AND CALIFORNIA AMENDMENTS)
 2013 CA MECHANICAL CODE - PART 4, TITLE 24, CCR (2012 UMC AND CALIFORNIA AMENDMENTS)
 2013 CA PLUMBING CODE - PART 5, TITLE 24, CCR (2012 UPC AND CALIFORNIA AMENDMENTS)
 2013 CA FIRE CODE - PART 9, TITLE 24, CCR (2012 IFC AND CALIFORNIA AMENDMENTS)
 2013 CA REFERENCE STANDARDS CODE - PART 12, TITLE 24, CCR
 2013 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS AND 2013 CALIFORNIA AMENDMENTS
 2013 NFPA 72, NATIONAL FIRE ALARM CODE, AND 2013 CALIFORNIA AMENDMENTS
 PUBLIC SAFETY STATE FIRE MARSHAL REGULATIONS - TITLE 19, CCR
 DSA GUIDELINES FOR FIRE AND LIFE SAFETY SYSTEMS, DIVISION OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES.

FIRE ALARM GENERAL NOTES

- UNDERGROUND AND EXTERIOR CONDUITS WILL HAVE WATER-TIGHT FITTINGS. (CFC 110.11 AND 300.6)
- OUTLETS ON OPPOSITE SIDES OF A FIRE RATED WALL SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL SPACING OF TWO FEET.
- FIRE ALARM DEVICE MOUNTING HEIGHTS SHALL BE AS FOLLOWS:
 - FULL STATION - 48" TO TOP OF DEVICE ABOVE FINISHED FLOOR. (CALDAG)
 - INTERIOR SPEAKER - AT LEAST 90" TO THE TOP OF DEVICE ABOVE FINISHED FLOOR AND NOT LESS THAN 6" BELOW FINISHED CEILING. (NFPA 72 18.4.2.1, CALDAG)
 - HALL-MOUNTED STROBE OR SPEAKER-STROBE - AT LEAST 80" TO BOTTOM OF LENS AND NOT GREATER THAN 96" TO TOP OF LENS ABOVE FINISHED FLOOR AND NOT LESS THAN 6" BELOW FINISHED CEILING. (NFPA 72 18.5.3.1, CALDAG)
- AUDIBLE SIGNAL DEVICES OF A FIRE ALARM SYSTEM INTENDED TO ALERT ALL OCCUPANTS SHALL BE SO LOCATED AND UNOBSTRUCTED AS TO CAUSE A LEVEL OF AUDIBILITY OF AT LEAST 15 dBA ABOVE AVERAGE AMBIENT SOUND LEVEL BUT NOT LESS THAN 75 dBA AT TEN FEET, OR MORE THAN 110 dBA IN TOTAL. (NFPA 72 18.4.3.1, 18.4.1.2 AND CFC 907.5.2.1)
- AMBIENT NOISE LEVELS SHALL BE CONSTRUCTED TO MEAN THAT WHICH CAN NORMALLY BE EXPECTED TO EXIST WHEN THE FACILITY, BUILDING, ROOM OR AREA IS FUNCTIONING UNDER NORMAL OPERATIVE OR WORKING CONDITIONS. (CFC 907.5.2.1.1)
- AUDIBLE DEVICES SHALL SOUND THE CA UNIFORM FIRE ALARM SIGNAL IN TEMPORAL MODE. PROVIDE AT LEAST ONE EXTERIOR AUDIBLE DEVICE ON BUILDING FOR E OCCUPANCIES. (CFC 907.5.2.1.3)
- VISUAL DEVICES SHALL NOT EXCEED TWO FLASHES PER SECOND AND SHALL NOT BE SLOWER THAN ONE FLASH EVERY SECOND. (NFPA 72 18.5.3.1)
- COMPLETE THE NFPA 72 RECORD OF COMPLETION, TESTING ALL DEVICES AND APPLIANCES. PROVIDE A COPY OF THE COMPLETED RECORD OF COMPLETION TO THE OWNER (SCHOOL DISTRICT), ARCHITECT, LOCAL FIRE AUTHORITY, AND DSA VIA THE PROJECT INSPECTOR. TESTING OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE LOCAL FIRE AUTHORITY AND THE DSA INSPECTOR OF RECORD (IOR). FINAL TEST SHALL INCLUDE READ OUT VERIFICATION FORM FROM CENTER STATION. (NFPA 72 TABLE 14.4.3.2)
- THE AUTOMATIC FIRE ALARM SYSTEM SHALL BE INSTALLED, TESTED, AND MAINTAINED IN ACCORDANCE WITH THE STATE FIRE MARSHAL'S REGULATIONS (CFC 907.6, 907.1, 907.8, NFPA 72 CHAPTER 14)

FIRE ALARM CODES AND NOTES

FIRE ALARM SYSTEM OPERATIONAL MATRIX

DEVICE	ACTIVATE EVACUATION SIGNALS/STROBES	ANNUNCIATE AT BUILDING FACP AND ALL REMOTE ANNUNCIATORS	SEND SIGNAL TO CENTRAL STATION
FIRE ALARM PANEL SYSTEM TROUBLE		X	X
SMOKE DETECTOR	X	X	X
HEAT DETECTOR	X	X	X

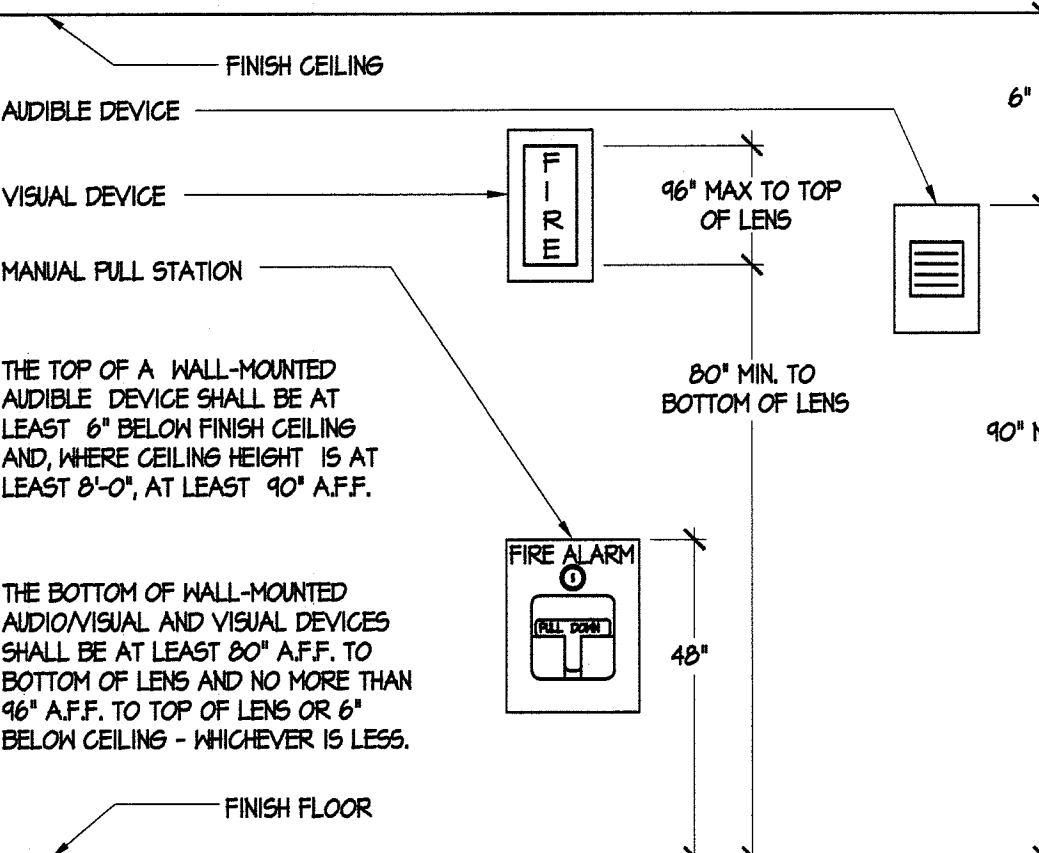
FIRE ALARM OPERATIONAL MATRIX

FIRE ALARM SYSTEM EQUIPMENT LEGEND

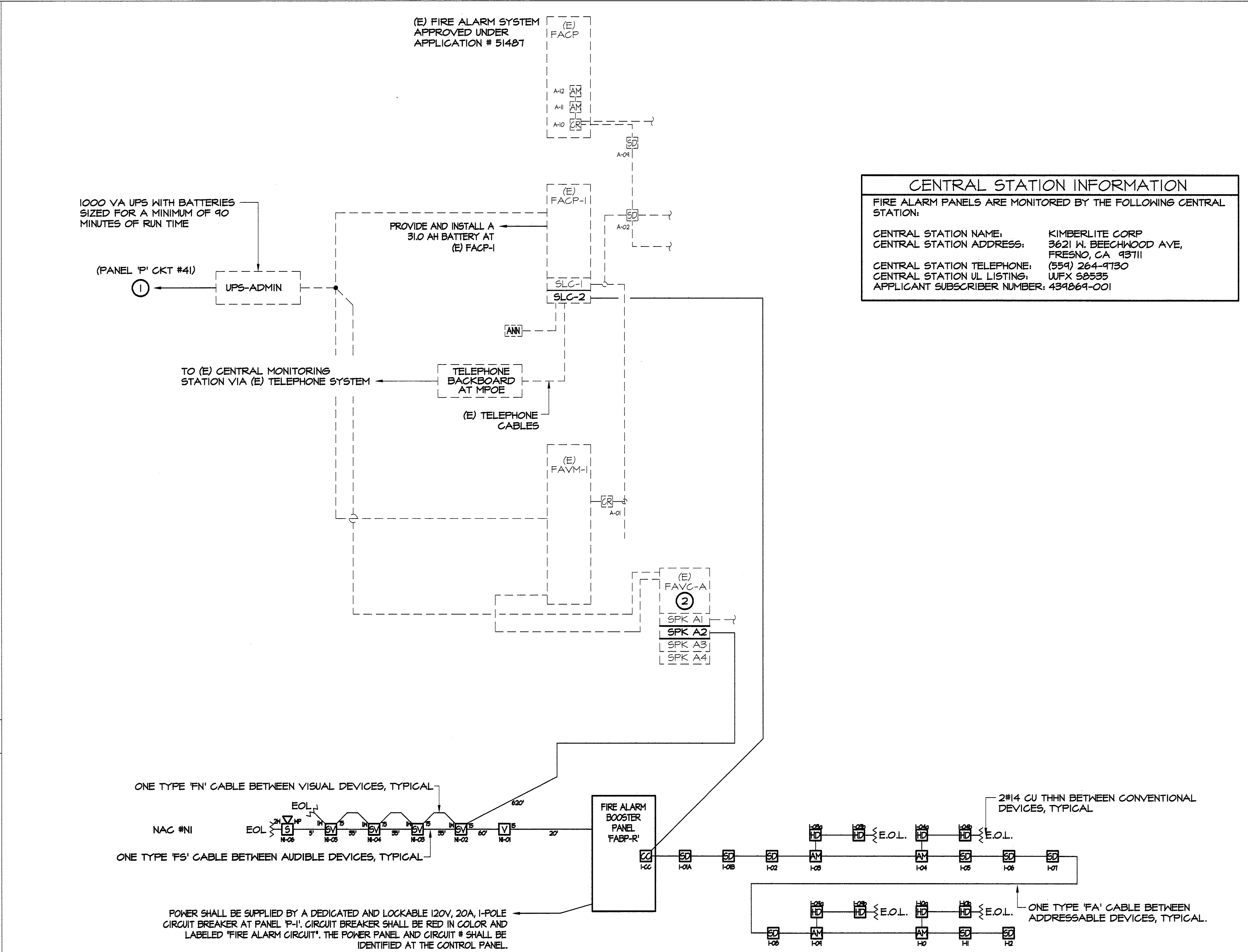
SYMBOL	DESCRIPTION
■	(E) FIRE ALARM CONTROL PANEL 'FACP' W/ 18.0 AH BATTERIES AND BATTERY CHARGER, HOCHIKI - FIRENET 4127 C.S.F.M. #7165-0410.0154
■	(E) FIRE ALARM VOICE MASTER PANEL 'FAVM-1' W/ 7 AH BATTERIES, EVAX HMX-MPI6 C.S.F.M. #6911-1446.0103
■	FIRE ALARM BOOSTER PANEL 'FABP' W/ 7 AH BATTERIES, HOCHIKI - FN-642-ULADA C.S.F.M. #7315-0410.0166
■	FIRE ALARM TRANSPONDER PANEL 'FATP' W/ 12 AH BATTERIES, (50W) HOCHIKI #EVAX-50 C.S.F.M. #6911-0410.0176
■	ADDRESSABLE MONITOR MODULE HOCHIKI - DCP-D11M C.S.F.M. #7300-0410.0150
■	CONVENTIONAL HEAT DETECTOR - ATTIC MOUNTED - 194°F FIXED TEMP. SYSTEM SENSOR #5604 C.S.F.M. #7210-1653.0167
■	ADDRESSABLE SMOKE DETECTOR HOCHIKI - ALN-V C.S.F.M. #7172-0410.0204
■	(E) ADDRESSABLE CONTROL RELAY MODULE HOCHIKI - DCP-50V-1R C.S.F.M. #7300-0410.0150
■	OUTDOOR WALL MOUNT SPEAKER 25V GENTEX #65PKR C.S.F.M. #7320-0569.0141
■	INDOOR WALL MOUNT SPEAKER 25V/SELECTABLE CANDELA STROBE - GENTEX #65PK24MLPR C.S.F.M. #7320-0569.0140
■	INDOOR WALL MOUNT STROBE - 15cd GENTEX #653-24WR C.S.F.M. #7125-0569.0123

FIRE ALARM MONITORING NOTE
 AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AS AMENDED BY ARTICLE 91. THE SUPERVISING STATION SHALL BE LISTED AS EITHER WFX OR WJS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY OWNER.

FIRE ALARM LEGEND



FIRE ALARM DEVICE ELEVATIONS



SECONDARY POWER SUPPLIES: BATTERY
PATHWAY / CIRCUITS (CLASS): CLASS B
PATHWAY SURVIVABILITY: LEVEL 0

SB575 - GREEN OAKS FAMILY ACADEMY ELEMENTARY SCHOOL
 FIRE PROTECTION ACT REQUIREMENTS FOR AUTOMATIC FIRE ALARM SYSTEMS

THE FIRE DETECTION AND ALARM SYSTEM FOR THE AREAS AND/OR BUILDINGS WITHIN THE SCOPE OF WORK OF THIS PROJECT:

COMPLIES WITH SB575.

A FULLY-AUTOMATIC SYSTEM HAS BEEN DESIGNED FOR ALL AREAS, OR

THE AREAS AND/OR BUILDINGS ARE SPRINKLERED ABOVE THE CEILING, SO HEAT DETECTORS ARE EXEMPTED FROM ABOVE-CEILING AREAS. THE SYSTEM IS OTHERWISE FULLY AUTOMATIC.

AN AUTOMATIC DIALER TO A UL-APPROVED CENTRAL STATION:

IS EXISTING, OR

IS INCLUDED AS PART OF THIS PROJECT.

IS EXEMPT FROM SB575

THE TOTAL PROJECT CONSTRUCTION VALUE IS LESS THAN \$200,000, OR

THE PROJECT CONSISTS OF ONLY MODULAR BUILDINGS WHICH ARE TEMPORARY; THESE BUILDINGS SHALL BE REMOVED NO MORE THAN THREE YEARS FROM THE INSTALLATION DATE UNLESS A THREE-YEAR EXTENSION IS APPROVED BY DSA, OR

THE PROJECT IS NOT FUNDED UNDER CHAPTER 125 OF THE LEROY F. GREENE SCHOOL FACILITIES ACT. IT IS FUNDED BY LOCAL BONDS.

SB575 COMPLIANCE

FIRE ALARM RISER DIAGRAM

(E) PANEL 'FACP-1' BATTERY POWER CALCULATIONS

QTY.	DEVICE	DESCRIPTION	STANDBY CURRENT	STANDBY CURRENT	ALARM CURRENT	ALARM CURRENT
1	FACP-1	HOCHIKI - 4127 FIRENET SERIES	0.3500	0.3500	0.6200	0.6200
1	FABP-1	HOCHIKI - 642 ULADA	0.0000	0.0000	0.0000	0.0000
1	FATP-1	HOCHIKI - 50V-1R	0.0200	0.0200	0.0200	0.0200
1	ANN	ADDRESSABLE ANNUNCIATOR	0.0200	0.0200	0.1100	0.1100
1	SLC	ADDRESSABLE SMOKE DETECTOR	0.0068	0.0068	0.0068	0.0068
1	LED	DEVICE ALARMS	0.0000	0.0000	0.0250	0.0250
23	SD	HOCHIKI - ALK-V	0.0090	0.2063	0.0008	0.0884
12	HD	HOCHIKI - ATT-EA	0.0043	0.0504	0.0009	0.0060
2	F	HOCHIKI - 100-AMS	0.0011	0.0021	0.0007	0.0013
2	AM	HOCHIKI - DIMM	0.0006	0.0012	0.0005	0.0010
2	CR	HOCHIKI - SOB-R	0.0003	0.0006	0.0002	0.0003
9	SD	HOCHIKI - ALN-V	0.0008	0.0041	0.0009	0.0049
8	HD	HOCHIKI - ALN-V	0.0009	0.0036	0.0009	0.0043
2	AM	HOCHIKI - DIMM	0.0006	0.0012	0.0007	0.0013
TOTALS			0.7679	0.9200		
TOTAL ALARM AMP-HOURS (15 MIN) =			0.25 HR x 0.921 A	=	0.2302 A-H	
TOTAL STANDBY AMP-HOURS (24 HRS) =			24 HR x 0.768 A	=	18.4320 A-H	
TOTAL REQUIRED AMP-HOURS =					18.6622 A-H	
TOTAL DESIGN AMP-HOURS WITH 20% SAFETY FACTOR =					22.3946 A-H	
BATTERY CAPACITY REQUIREMENTS					31.000 A-H	

CENTRAL STATION INFORMATION
 FIRE ALARM PANELS ARE MONITORED BY THE FOLLOWING CENTRAL STATION:
 CENTRAL STATION NAME: KIMBERLITE CORP
 CENTRAL STATION ADDRESS: 3621 N. BEECHWOOD AVE, FRESNO, CA 93711
 CENTRAL STATION TELEPHONE: (559) 264-4750
 CENTRAL STATION UL LISTING: ULFX 58533
 APPLICANT SUBSCRIBER NUMBER: 4394661-001

'FAVC-A' BATTERY POWER CALCULATIONS

QTY.	DEVICE	DESCRIPTION	STANDBY CURRENT	ALARM CURRENT	ALARM CURRENT
1	FABP	HOCHIKI - FN-642-ULADA	0.0000	0.0000	0.0000
2	SV75	GENTEX - 75CD - SSPK24CLR - 4W MAX	0.0000	0.0000	0.0000
4	SV75	GENTEX - 75CD - SSPK24CLR - 4W MAX	0.0000	0.0000	0.0000
3	SV75	GENTEX - 75CD - SSPK24CLR - 4W MAX	0.0000	0.0000	0.0000
TOTALS			0.0000	0.0000	0.0000
TOTAL ALARM AMP-HOURS (15 MIN) =			0.25 HR x 3.680 A	=	0.9200 A-H
TOTAL STANDBY AMP-HOURS (24 HRS) =			24 HR x 0.290 A	=	6.9600 A-H
TOTAL REQUIRED AMP-HOURS =					7.8800 A-H
TOTAL DESIGN AMP-HOURS WITH 20% SAFETY FACTOR =					9.4560 A-H
BATTERY CAPACITY REQUIREMENTS					12.000 A-H

NAC CIRCUIT #1 VOLTAGE DROP CALCULATION

QTY.	DEVICE	DESCRIPTION	ALARM CURRENT	TOTAL ALARM CURRENT
1	V-15	GENTEX - 75CD - SSPK24CLR - 4W MAX	0.0000	0.0000
4	SV75	GENTEX - 75CD - SSPK24CLR - 4W MAX	0.0000	0.0000
TOTAL CURRENT ADDED TO CIRCUIT			0.0000	0.0000
LENGTH OF WIRE FROM FABP TO LAST DEVICE (IN FEET) =				179
ACTUAL SIZE OF WIRE INSTALLED =				18 AWG
CALCULATED VOLTAGE DROP (IN VOLTS) =				0.300
CIRCUIT VOLTAGE CALCULATED AT LAST DEVICE (IN VOLTS) =				22.7 VDC
PERCENT VOLTAGE DROP (%) =				1.35 %

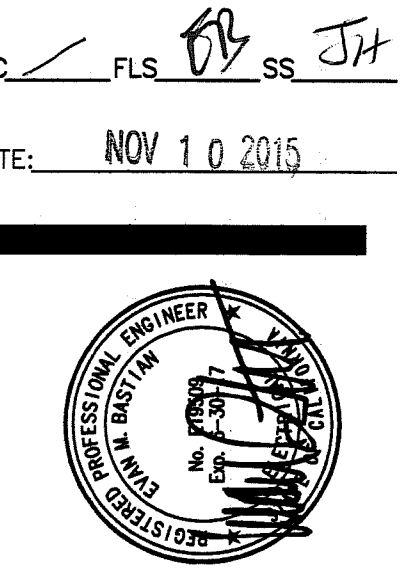
PANEL 'FABP-R' BATTERY POWER CALCULATIONS

QTY.	DEVICE	DESCRIPTION	STANDBY CURRENT	ALARM CURRENT	ALARM CURRENT
1	FABP	HOCHIKI - FN-642-ULADA	0.0000	0.0000	0.0000
1	V-15	GENTEX - 75CD - SSPK24CLR - 4W MAX	0.0000	0.0000	0.0000
4	SV75	GENTEX - 75CD - SSPK24CLR - 4W MAX	0.0000	0.0000	0.0000
TOTALS			0.0000	0.0000	0.0000
TOTAL ALARM AMP-HOURS (15 MIN) =			0.25 HR x 0.648 A	=	0.1620 A-H
TOTAL STANDBY AMP-HOURS (24 HRS) =			24 HR x 0.090 A	=	2.1600 A-H
TOTAL REQUIRED AMP-HOURS =					2.3220 A-H
TOTAL DESIGN AMP-HOURS WITH 20% SAFETY FACTOR =					2.7864 A-H
BATTERY CAPACITY REQUIREMENTS					7.000 A-H

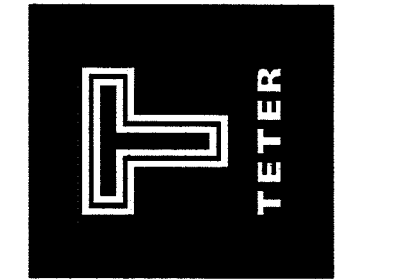
BATTERY AND VOLTAGE DROP CALCULATIONS

FILE NUMBER: 15-6
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ARCHITECTS ENGINEERS CONNECTED



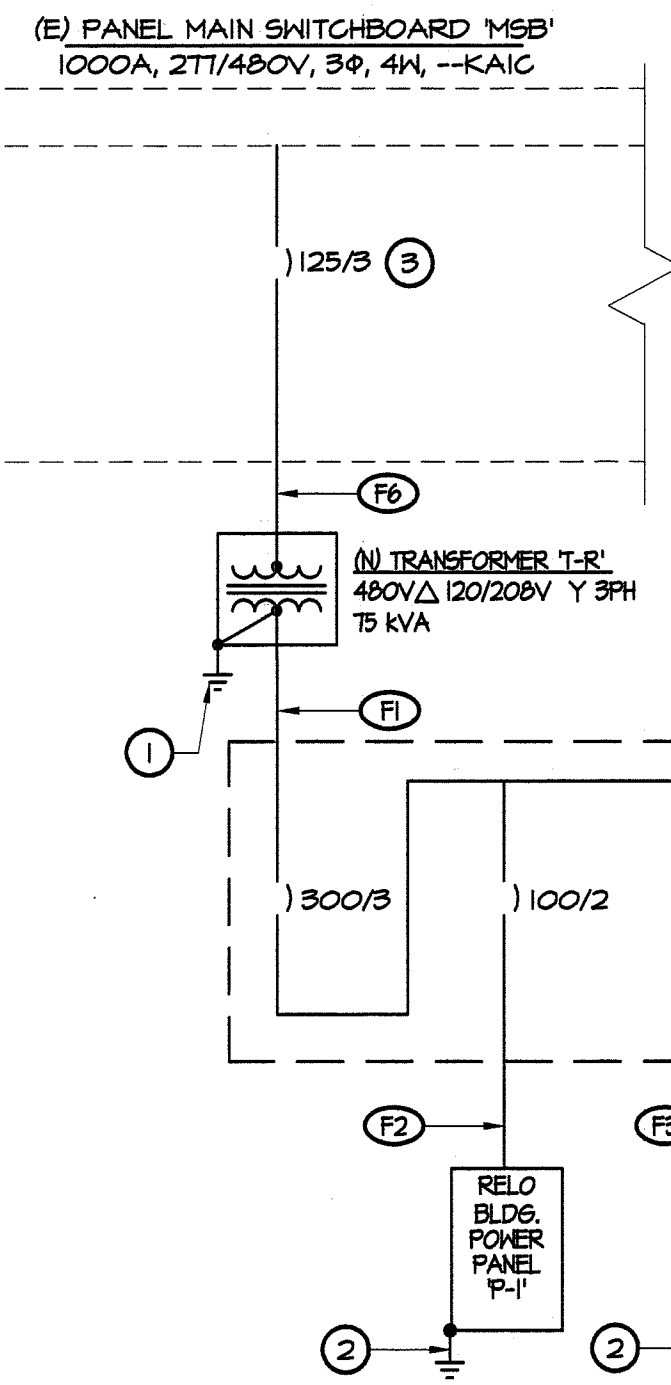
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 1200 DISCOVERY DR. SUITE 100 | BAKERSFIELD, CA 93309 | 805.860.8800



DOH PORTABLE REPLACEMENT ROBE ELEMENTARY SCHOOL
 BAKERSFIELD, CA
 DRAWING TITLE: FIRE ALARM RISER DIAGRAM & CALCULATIONS

PROJECT NO. 15-4630

DRAWING E700



KEYNOTES

1. TRANSFORMER GROUND PER DETAIL 3/E800.
2. PROVIDE GROUNDING ELECTRODE SYSTEM AT RELOCATABLE BUILDING PER DETAIL 6/E800.
3. PROVIDE AND INSTALL ONE (1) 125A, 3-POLE CIRCUIT BREAKER AT (E) MAIN SWITCHBOARD 'MSB' FOR PROTECTION OF (N) FEEDER TO (N) TRANSFORMER T-R'.

FEEDER	ORIGIN	DESTINATION	CONDUIT	CONDUCTORS	CALCULATED VOLTAGE DROP	REMARKS
F1	(N) TRANSFORMER T-R'	(N) DISTRIBUTION PANEL 'D-R'	ONE 3" C	4#350 KCMIL CU THHN, 1#4 CU GND	0.14%	
F2	(N) DISTRIBUTION PANEL 'D-R'	RELO BLDG. POWER PANEL P-1'	ONE 1 1/2" C	3#12 CU THHN, 1#6 CU GND	0.40%	
F3	(N) DISTRIBUTION PANEL 'D-R'	RELO BLDG. POWER PANEL P-2'	ONE 1 1/2" C	3#12 CU THHN, 1#6 CU GND	0.43%	
F4	(N) DISTRIBUTION PANEL 'D-R'	RELO BLDG. POWER PANEL P-3'	ONE 1 1/2" C	3#12 CU THHN, 1#6 CU GND	1.13%	
F5	(N) DISTRIBUTION PANEL 'D-R'	RELO BLDG. POWER PANEL P-4'	ONE 1 1/2" C	3#12 CU THHN, 1#6 CU GND	1.47%	
F6	(E) MAIN SWITCHBOARD 'MSB'	(N) TRANSFORMER T-R'	ONE 2" C	3#1 CU THHN, 1#6 CU GND	1.75%	

CODES, RULES & REGULATIONS

ALL WORK SHOWN HEREIN SHALL COMPLY WITH THE CURRENT REGULATIONS OF THE CALIFORNIA STATE FIRE MARSHAL, CALIFORNIA BUILDING CODE, TITLES 8 AND 19 THROUGH 24, SERVING UTILITY RULES AND ALL OTHER APPLICABLE CODES, RULES AND REGULATIONS. NOTHING IN THESE PLANS OR SPECIFICATIONS SHALL BE INTERPRETED AS TO PERMIT ANY WORK NOT IN CONFORMANCE WITH THESE CODES, RULES AND REGULATIONS. WHERE WORK OF A GREATER DEGREE IS INDICATED IN THESE PLANS OR SPECIFICATIONS, THAT REQUIREMENT SHALL GOVERN SUCH WORK.

GENERAL NOTES (TYPICAL)

1. COORDINATE ELECTRICAL PANEL AND TERMINAL CABINET LOCATIONS AND ROUTING OF UNDERGROUND CONDUITS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO COMMENCEMENT OF ANY ROUGH-IN WORK FOR THIS EQUIPMENT.
2. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES WHOSE WORK WILL IMPACT PLACEMENT OR CONNECTION OF ELECTRICALLY POWERED EQUIPMENT REGARDLESS OF RESPONSIBILITY FOR SUPPLYING EQUIPMENT.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTERS 13, 24 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
2. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 6 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND THE ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

1. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.
2. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPINGS, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE:
PIPING, DUCTWORK, AND ELECTRICAL SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.3, 13.6.7, 13.6.5.6, AND 2013 CBC, SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25, AND 1616A.1.26.

THE BRACINGS AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPM#).

COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

ELECTRICAL SYMBOL LEGEND

DIMENSIONS INDICATED ARE MEASURED TO CENTERLINE OF ENCLOSURE, U.O.N.

SYMBOL	DESCRIPTION
A.F.F.	DENOTES ABOVE FINISHED FLOOR
A.F.S.	DENOTES ABOVE FINISHED GRADE
C	DENOTES CONDUIT
CB	DENOTES CIRCUIT BREAKER
C.O.	DENOTES CONDUIT ONLY
EOL	DENOTES END OF LINE RESISTOR
FACP	DENOTES FIRE ALARM CONTROL PANEL
FABP	DENOTES FIRE ALARM BOOSTER PANEL
TC	DENOTES TERMINAL CABINET
U.G.	DENOTES UNDERGROUND INSTALLATION
U.O.N.	DENOTES UNLESS OTHERWISE NOTED
WP	DENOTES WEATHERPROOF CONSTRUCTION
①	ELECTRICAL KEYNOTES: DENOTES KEYNOTE #1 OF KEYNOTES ON SAME SHEET
⊕	CIRCUIT HOME RUN: DENOTES PANEL A, GKT, R3, - 3/4" C, MINIMUM, U.O.N.
---	CONDUIT IN ATTIC/WALL: DENOTES 3/4" C - 2#12 AWG CU THHN + 1#2 CU GND, U.O.N.
----	CONDUIT, UNDERGROUND: DENOTES 3/4" C - 2#12 AWG CU THHN + 1#2 CU GND, U.O.N.
-----	DENOTES EXISTING CONDUIT RUN TO REMAIN
---	CONDUIT RUN - STUBBED, CAPPED AND LABELED.
⊙	JUNCTION BOX, SIZE PER NEC.
zzzz	ELECTRICAL PANELBOARD PER PLANS, FLUSH MOUNTED IN WALL
zzz	ELECTRICAL PANELBOARD PER PLANS
XD	DATA OUTLET IN WALL @ 1#12 U.O.N. WITH 1" CABLES TO 1" OF SCHEDULED INDEXES AND STATION SIDE JACKS (1)(2)
2/2D	COMBINATION VOICE AND DATA OUTLET IN WALL WITH 1" CABLES TO 1" OF 1" THO T-CABLES TO TELEPHONE RACK/BOX AT 1" OF (1)(6)
⊙	CLOCK PER PLAN @ 12" BELOW CEILING, U.O.N.
⊕	FIRE ALARM SMOKE DETECTOR ON CEILING, U.O.N.
⊕	FIRE ALARM HEAT DETECTOR IN ATTIC, U.O.N.
⊕	FIRE ALARM MANUAL CALL STATION @ 48" ± TO TOP OF BOX, U.O.N.
⊕	FIRE ALARM ADDRESSABLE CONTROL MODULE
⊕	WEATHERPROOF EXTERIOR FIRE ALARM SPEAKER @ 10'-0", U.O.N.
⊕	FIRE ALARM INDIVIDUAL ADDRESSABLE MONITOR MODULE
⊕	FIRE ALARM SPEAKER/STROBE ALARM UNIT @ 48" MINIMUM, U.O.N.
⊕	FIRE ALARM CIRCUIT END OF LINE RESISTOR

ELECTRICAL SYMBOLS NOTES:

- (1) RUN 1" C CONCEALED IN WALL AND STUB INTO ACCESSIBLE ATTIC SPACE ABOVE NEAREST T-BAR CEILING, U.O.N.
- (2) 45 BACKBOX WITH SINGLE GANG TRIM AND COVERPLATE.

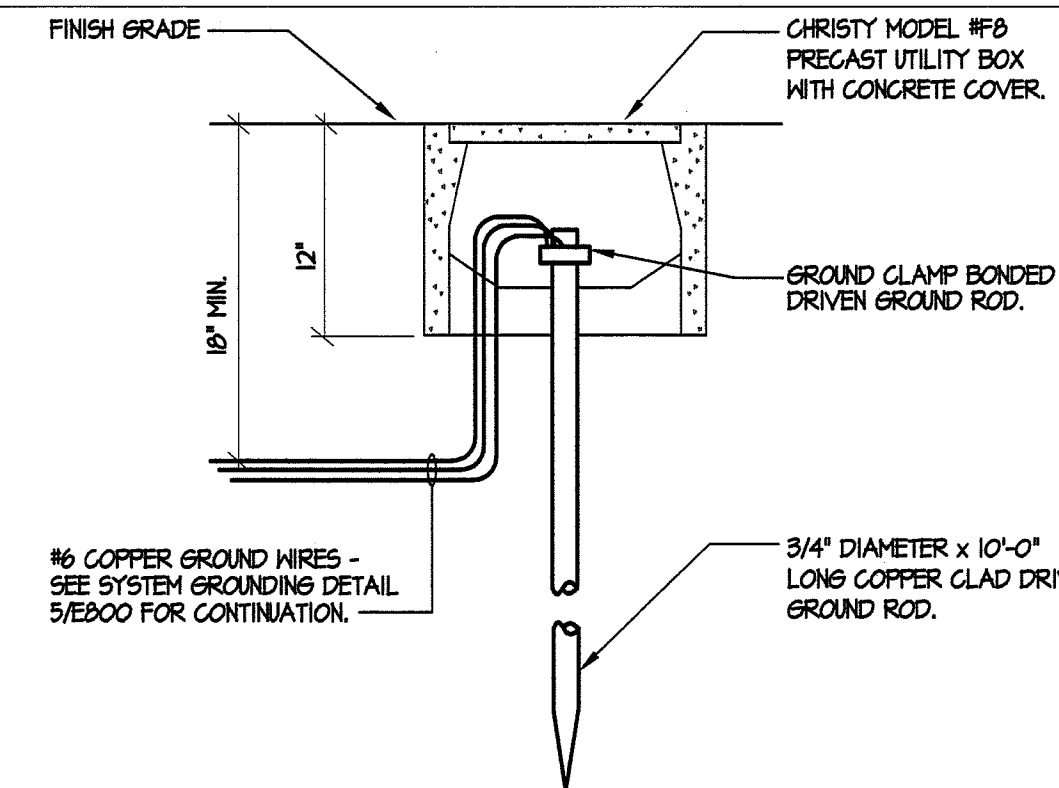
SINGLE LINE DIAGRAM

SIGNAL CABLE SCHEDULE

CABLE DESIGNATION	DESCRIPTION	MANUFACTURER & CATALOG #	SYSTEM	USE
D'	4 UTP #25 AWG CATEGORY 6A	GENERAL CABLE #183814	DATA	BUILDING DATA CABLE
FA'	2#16 AWG CU SHIELDED PFL	WEST PENN #491 OR EQUIVALENT	FIRE ALARM/ VOICE EVACUATION	BUILDING ADDRESSABLE SLG CABLE
FAS'	1 TWISTED PR #16 AWG SHIELDED PFL, AQUASEAL	WEST PENN #4244 OR EQUIVALENT	FIRE ALARM/ VOICE EVACUATION	SITE ADDRESSABLE SLG CABLE
FN'	2#12 CU SOLID SHIELDED PFL	WEST PENN #474 OR EQUIVALENT	FIRE ALARM	BUILDING VISUAL NOTIFICATION APPLIANCE CABLE
FS'	2#14 CU SOLID SHIELDED PFL/R/CIG	WEST PENN #495 OR EQUIVALENT	FIRE ALARM/ VOICE EVACUATION	BUILDING VOICE EVACUATION SPEAKER CABLE
FSS'	2#14 CU SHIELDED PFL, AQUASEAL	WEST PENN #4245 OR EQUIVALENT	FIRE ALARM/ VOICE EVACUATION	SITE VOICE EVACUATION SPEAKER CABLE
FO'	COMPOSITE FIBER OPTIC CABLE 62.5/125 WITH (12) MULTI-MODE FIBERS	OPTICAL CABLE CORP D2012-D-MLS-4-K-R OR EQUIVALENT	DATA	SITE FIBER OPTIC CABLE**
SS'	6 PAIR #22 AWG SHIELDED	SEALING FIBER RDP FE-81 01-021-02	PA SYSTEM	SITE SPEAKER CABLE**
S'	2 TWISTED PAIR #22 AWG SHIELDED	BELDEN 82723	PA SYSTEM	BUILDING SPEAKER CABLE**

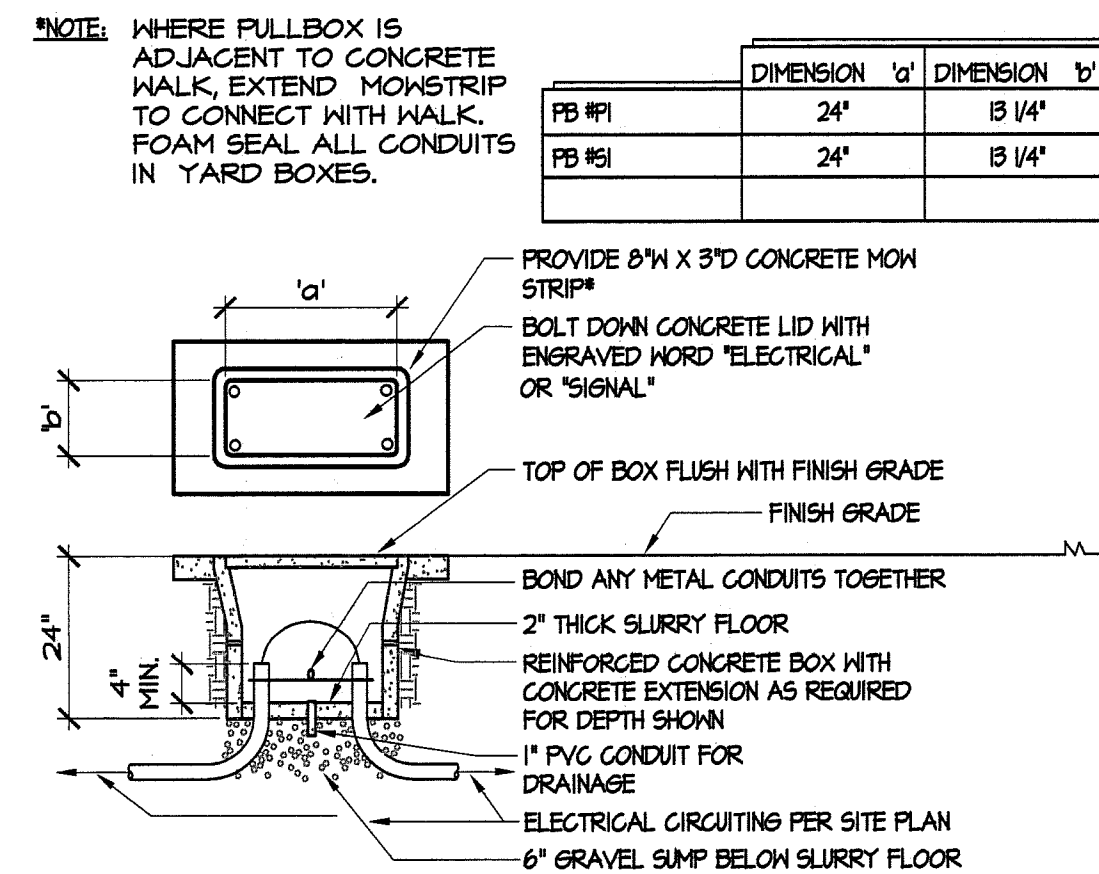
** - VERIFY EXACT FIBER OPTIC AND SPEAKER CABLE REQUIREMENTS WITH OWNER.

GENERAL NOTES

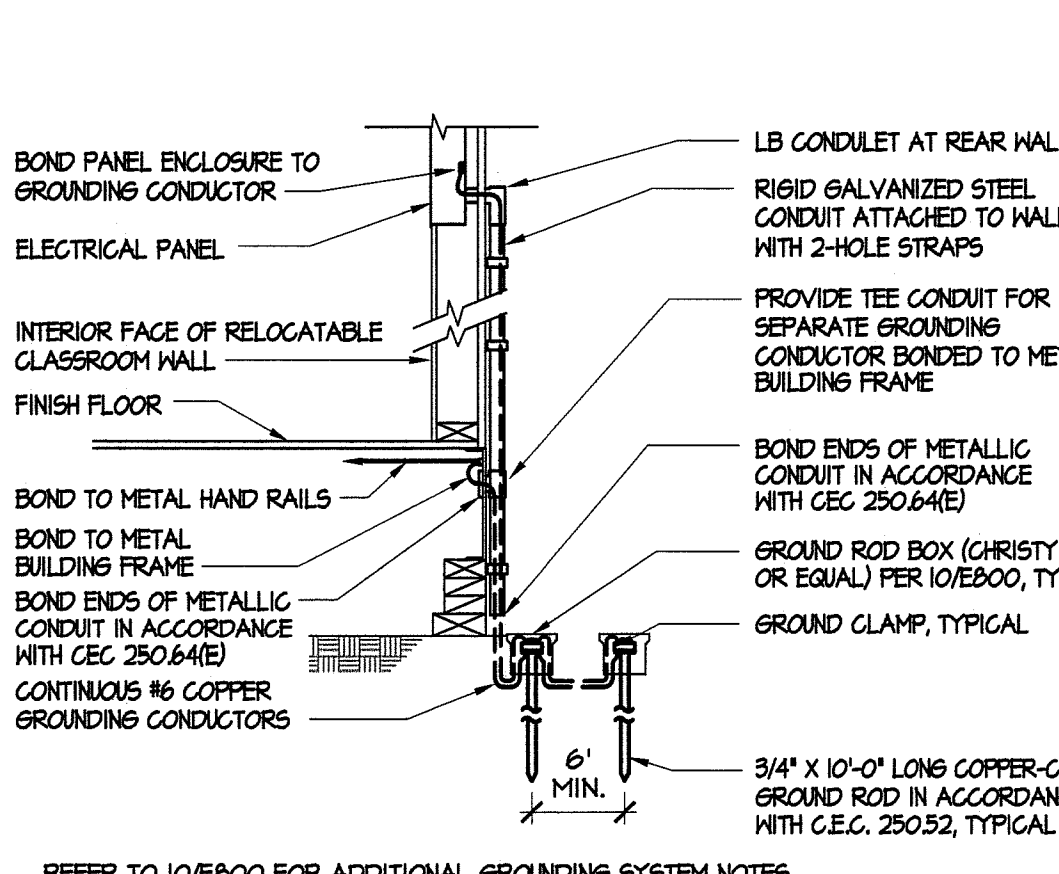


SIGNAL CABLE SCHEDULE

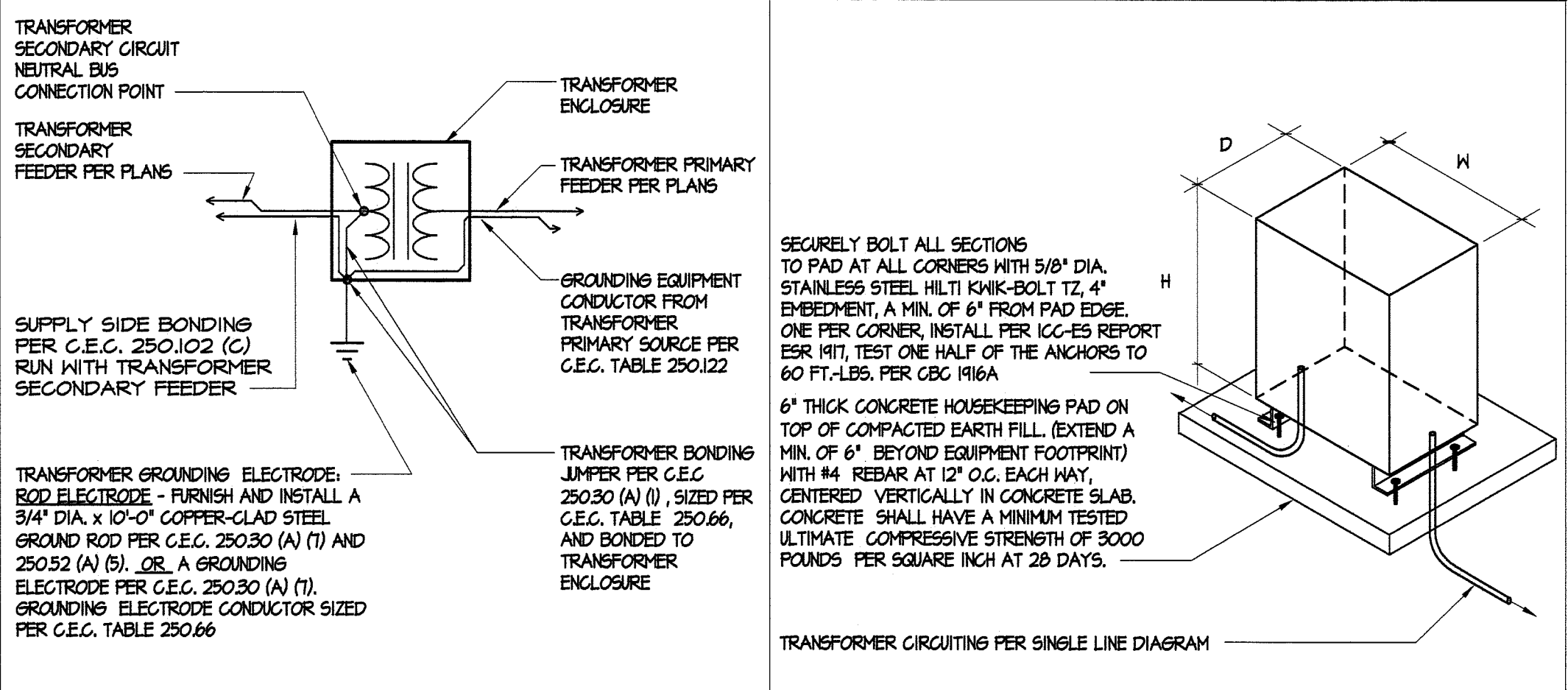
- NOTES:
1. SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250.66.
 2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (CEC 250.52). IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH THE EARTH FOR 10 FT. OR MORE, IF AVAILABLE (CEC 250.52).
 3. ALL MODULES OF METAL FRAME BUILDINGS SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
 4. PROVIDE TWO GROUND RODS NOT LESS THAN 6' APART.
 5. WHERE MODULAR BUILDINGS ARE INSTALLED ON CONCRETE FOUNDATIONS, A UFER GROUND SHALL BE INSTALLED IN THE FOOTING PER CEC 250.52(A)(3).
 6. OTHER GROUNDING METHODS IDENTIFIED IN CEC 250 SHALL BE ACCEPTABLE MEANS TO ACHIEVE ADEQUATE GROUNDING OF METAL BUILDINGS IN COMPLIANCE WITH THE ABOVE.



GROUND WELL



SYMBOL LEGEND



TRANSFORMER GROUND

TRANSFORMER DESIGNATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	KVA RATING	GROUNDING CONDUCTOR	ENCLOSURE	DIMENSIONS (H X H X D)	WEIGHT	REMARKS
T-R	480 DELTA	208Y/120	75	#2 CU	NEMA 3R	31" X 30" X 20"	585 LBS.	① ② ③

- TRANSFORMER SCHEDULE NOTES:
- ① UL TYPE EE NEMA TP-1 COMPLIANT.
 - ② TRANSFORMER GROUND PER DETAIL 3/E800.
 - ③ TRANSFORMER MOUNTING PER DETAIL 2/E800.

GROUNDING SYSTEM NOTES

UG PULLBOX

MODULAR BUILDING GROUND

TRANSFORMER SCHEDULE

TABLE, LLP, HEREBY certifies that the information contained herein is true and correct to the best of its knowledge and belief, and that it is not aware of any circumstances which would render this information misleading or incomplete.

DATE	REVISION
11/10/15	A

FILE NUMBER: 15-6
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL: 03-116415

AC: [Signature] FLS: [Signature] SS: [Signature] JH

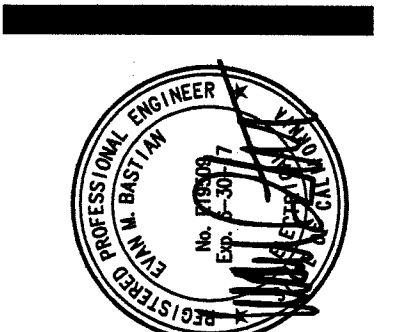
DATE: NOV 10 2015

ARCHITECTS ENGINEERS CONNECTED

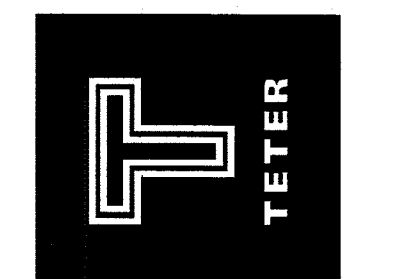
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DOH PORTABLE REPLACEMENT NOBLE ELEMENTARY SCHOOL
BAKERSFIELD, CA

DRAWING TITLE
ELECTRICAL DETAILS, NOTES AND LEGEND

PROJECT NO.
15-4630

DRAWING
E800