

PROJECT DIRECTORY

OWNER
KINGSBURG JOINT UNION
HIGH SCHOOL DISTRICT

1900 18th AVENUE
KINGSBURG, CA 93631
(559) 897-7721

CONTACT: DON SHOEMAKER, SUPT.
E-MAIL: dshoemaker@kingsburghigh.com

PROJECT ARCHITECT
TAYLOR GROUP ARCHITECTS

410 PARK CREEK DRIVE
CLOVIS, CA 93611
(559) 708-4046

CONTACT: PHIL METTLER
E-MAIL: phil.m@tgrouparchitects.com

CIVIL ENGINEER
GATEWAY ENGINEERING

405 PARK CREEK DR.
CLOVIS, CA 93611
(559) 320-0344

CONTACT: JOEY DAGGETT
E-MAIL: joey@gatewayeng.com

LANDSCAPE ARCHITECT
WOOD ARCHITECTURE, LLP

115 S DOLLNER ST.
VISALIA, CA 93291
(559) 786-9800

CONTACT: TYSON CARROLL
E-MAIL: tyson@woodarchitecture.com

ELECTRICAL ENGINEER
DPG ENGINEERING

6702 N. CEDAR AVE.
FRESNO, CA 93710
(559) 276-5144

CONTACT: DAVOR GOLIK
E-MAIL: davor@dpgeengineering.com

SCOPE OF WORK

- DEMOLITION OF EXISTING 12,000 SQ. FT. ASPHALT APRON USED FOR EQUIPMENT STORAGE OUTSIDE EXISTING AG SHOP + MUSIC BUILDING (ORIGINAL DSA PROJECT NO. 02-10151)
- CONSTRUCTION OF NEW STEEL CANOPY OVER STORAGE AREA
- CONSTRUCTION OF NEW CONCRETE APRON, SLOPED WALKWAY AND STAIRS AT AREA OF DEMOLISHED ASPHALT APRON
- BARRIER REMOVAL AND CORRECTION OF NON-COMPLIANT FEATURES AT EXISTING STAFF AND STUDENT RESTROOMS (ORIGINAL DSA PROJECT NO. 02-10151)

DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE STATEMENT

THE PATH OF TRAVEL (P.O.T.) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC), 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 WITH THE CBC HAVE BEEN IDENTIFIED AND 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 A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

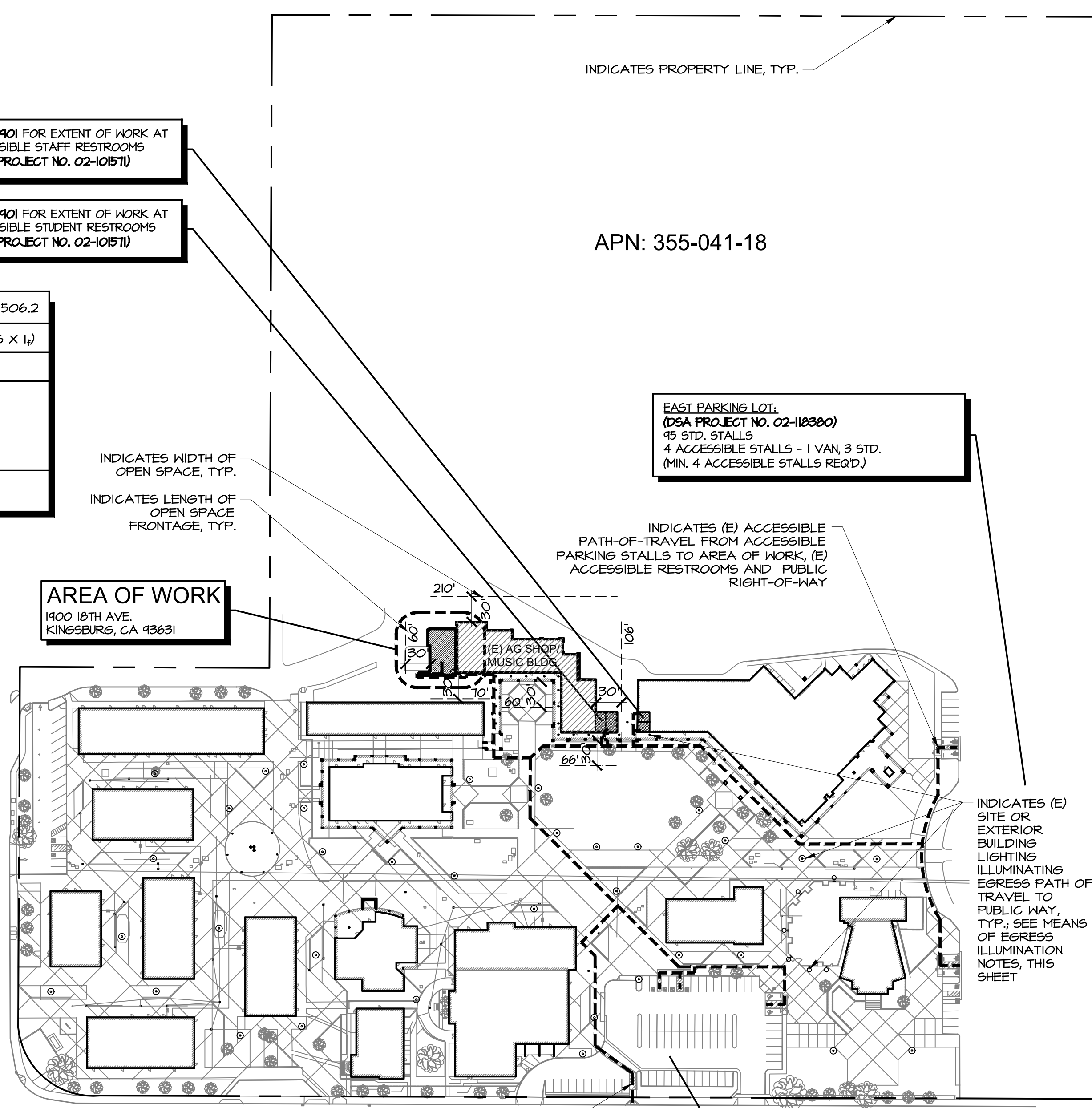
DURING CONSTRUCTION IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

PROJECT LOCATION, SITE PLAN, CODE ANALYSIS & ACCESSIBLE PATH-OF-TRAVEL N.T.S.

SEE DETAIL 12/A101 FOR EXTENT OF WORK AT EXISTING ACCESSIBLE STAFF RESTROOMS (ORIGINAL DSA PROJECT NO. 02-10151)

SEE DETAIL 16/A101 FOR EXTENT OF WORK AT EXISTING ACCESSIBLE STUDENT RESTROOMS (ORIGINAL DSA PROJECT NO. 02-10151)

APN: 355-041-18



EAST PARKING LOT,
(DSA PROJECT NO. 02-10380)
45 STD. STALLS
4 ACCESSIBLE STALLS - 1 VAN, 3 STD.
(MIN. 4 ACCESSIBLE STALLS REQ'D)

SOUTH PARKING LOT,
(DSA PROJECT NO. 02-10380)
61 STD. STALLS
6 ACCESSIBLE STALLS - 2 VAN, 4 STD.
(MIN. 3 ACCESSIBLE STALLS REQ'D)

AREA OF WORK
1900 18TH AVE.
KINGSBURG, CA 93631

APN: 355-041-18

INDICATES (E) ACCESSIBLE PATH-OF-TRAVEL FROM ACCESSIBLE PARKING STALLS TO AREA OF WORK, (E) ACCESSIBLE RESTROOMS AND PUBLIC RIGHT-OF-WAY

INDICATES (E) SITE OR EXTERIOR BUILDING LIGHTING ILLUMINATING EGRESS PATH OF TRAVEL TO PUBLIC WAY, TYP.; SEE MEANS OF EGRESS ILLUMINATION NOTES, THIS SHEET

INDICATES ACCESSIBLE PATH-OF-TRAVEL TO PUBLIC RIGHT-OF-WAY

INDICATES PROPERTY LINE, TYP.

INDICATES WIDTH OF OPEN SPACE, TYP.

INDICATES LENGTH OF OPEN SPACE FRONTAGE, TYP.

INDICATES (E) ACCESSIBLE PATH-OF-TRAVEL FROM ACCESSIBLE PARKING STALLS TO AREA OF WORK, (E) ACCESSIBLE RESTROOMS AND PUBLIC RIGHT-OF-WAY

INDICATES (E) SITE OR EXTERIOR BUILDING LIGHTING ILLUMINATING EGRESS PATH OF TRAVEL TO PUBLIC WAY, TYP.; SEE MEANS OF EGRESS ILLUMINATION NOTES, THIS SHEET

INDICATES ACCESSIBLE PATH-OF-TRAVEL TO PUBLIC RIGHT-OF-WAY

INDICATES PROPERTY LINE, TYP.

INDICATES WIDTH OF OPEN SPACE, TYP.

INDICATES LENGTH OF OPEN SPACE FRONTAGE, TYP.

SINGLE STORY JUSTIFICATION (SINGLE OCC.) 506.2

OCCUPANCY	CODE REF.	MAX. ALLOWABLE AREA (EQUATION 5-1), $A_a = A_t + (N_s \times I_p)$
E	TABLE 506.2	$9,500 + (9,500 \times 0.48) = 14,060$ SQ. FT.

PER CBC 506.3 - FRONTAGE INCREASE.

$W = (L_1 \times W_1 + L_2 \times W_2 \dots) / F$ (EQUATION 5-4); $(522' \times 30') / 522' = 30'$

$I_p = [F / (P - 0.25)] W / 30$ (EQUATION 5-5); $[522' / (715' - 0.25) 30' / 30'] = 0.48$

GROSS BUILDING AREA: 9,850 SQ. FT. (EXIST.) + 1,750 SQ. FT. (PROPOSED) = 11,600 SQ. FT. - OK

PATH-OF-TRAVEL NOTES

PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER-FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL CLEARANCE (11B-303.4). P.O.T. IS A MIN. OF 48" WIDE (11B-403.5.1, EX. 3), BARRIER-FREE ROUTE WITH SLIP-RESISTANT SURFACE. THE RUNNING SLOPE SHALL BE 5% MAX. IN THE DIRECTION OF TRAFFIC FLOW AND THE CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:40 (11B-403.3). PASSING SPACES (11B-403.5.3) OF 60" X 60" MIN. ARE LOCATED NOT MORE THAN 200' APART. WALKS WITH CONTINUOUS GRADIENTS HAVE 60" IN LENGTH OF LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN. (11B-307.4) AND FREE OF PROTRUDING OBJECTS (11B-307) GREATER THAN 4" PROTECTION FROM WALL ABOVE 27" AND LESS THAN 20". OBJECTS PROTRUDING INTO THE P.O.T. SHALL NOT REDUCE THE CLEAR WIDTH OR MANEUVERING SPACE REQUIRED FOR THE ACCESSIBLE ROUTES (11B-307.5). THERE IS NO DROP-OFF OVER 4" AT THE EDGE OF WALK OR LANDING UNLESS IDENTIFIED BY A GUARD, A HANDRAIL, OR A WARNING CURB AT LEAST 6" IN HEIGHT ABOVE THE WALK (11B-303.5).

EXISTING GATE NOTES

ALL EXISTING GATES IN INDICATED PATH OF TRAVEL (P.O.T.) MUST COMPLY WITH CBC 11B-404 REQUIREMENTS. PROVIDE A 24" MIN. STRIKE-SIDE CLEARANCE ON THE PULL-SIDE OF THE GATE AND A SMOOTH SURFACE AT THE BOTTOM 10" OF THE PUSH-SIDE OF THE GATE. PROVIDE LEVER-STYLE, ADA-COMPLIANT HARDWARE. GATES FOUND TO BE NON-COMPLIANT SHALL BE BROUGHT INTO COMPLIANCE AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT

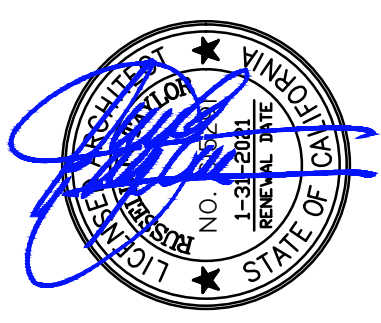
MEANS OF EGRESS ILLUMINATION NOTES

EXISTING SITE LIGHTING AND EXTERIOR BUILDING LIGHTING HAS BEEN OBSERVED TO PROVIDE A MIN. OF 1 FOOTCANDLE (1 LUX) OF ILLUMINATION AT THE WALKING SURFACE FROM THE EXITS AT THE AREA OF WORK TO PUBLIC WAY IN COMPLIANCE WITH CBC 1008.2.3; SEE SITE PLAN, THIS SHEET

PROPOSED AG SHOP CANOPY FOR: KINGSBURG HIGH SCHOOL 1900 18th AVE. KINGSBURG, CA 93631 (DSA PROJECT NO. 02-118435)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118435 INC:
REVIEWED FOR
SS FLS ACS
DATE: 10/06/2020

THE TAYLOR GROUP ARCHITECTS
10 RIVER PARK PLACE EAST, SUITE 208 • FRESNO, CA 93720 • P-559.708.4046



PROJECT INFORMATION

PROJECT DATA

SITE ADDRESS: 1900 18TH ST.
KINGSBURG, CA 93631

APN: 355-041-18

SITE AREA: 3.05 ACRES

AREA OF EXISTING BLDG.: 9,850 SQ. FT.

AREA OF PROPOSED ADDITION: 1,750 SQ. FT.

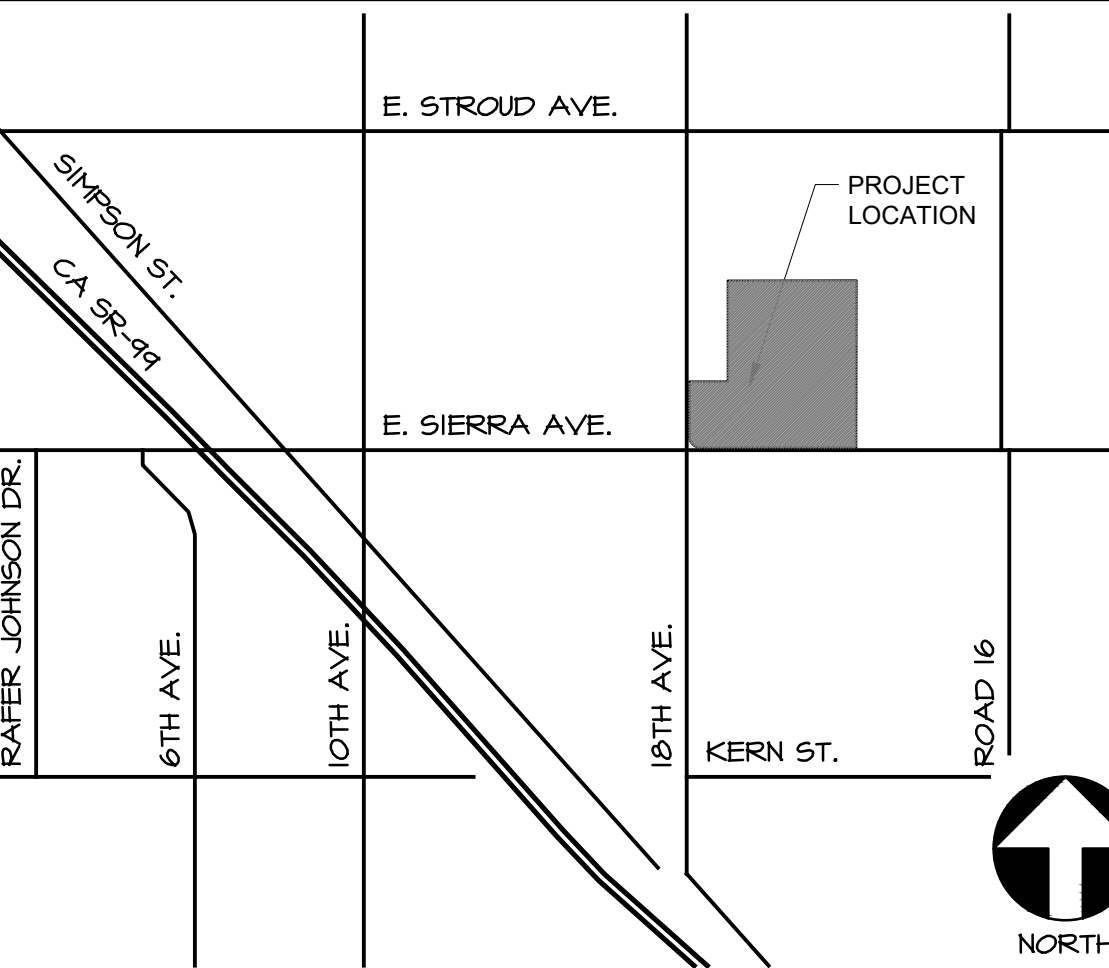
FIRE SPRINKLERS: NO

TYPE OF CONSTRUCTION: V-N

OCCUPANCY: E

NOTE: NO ADDITIONAL OCCUPANT LOAD IS PROPOSED; ALL OCCUPANTS OF ADDITION WILL BE STUDENTS/OCCUPANTS OF ADJACENT LAB AND CLASSROOM SPACE IN EXISTING BUILDING

VICINITY MAP N.T.S.



GOVERNING CODES

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
2019 CALIFORNIA ADMINISTRATIVE CODE (CAC) - PART 1 OF TITLE 24, CCR
2019 CALIFORNIA BUILDING CODE (CBC) - PART 2 OF TITLE 24, CCR
2019 CALIFORNIA REFERENCED STDS. CODE - PART 12 OF TITLE 24, CCR
ADA STANDARDS FOR ACCESSIBLE DESIGN (2010 ADAS)

NOTE: PROVIDE TEMPORARY FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION IN ACCORDANCE WITH 2019 CFG CHAPTER 33

SHEET INDEX (15 TOTAL)

MARK	DATE	DESCRIPTION
C	06/30/2020	COVER SHEET
G100	06/18/2020	GRADING LAYOUT PLAN
6001		GENERAL NOTES & DSA BIO FORM
A201		PLANS AND EXTERIOR ELEVATIONS
A401		MISCELLANEOUS DETAILS
5000		SHEET SPECIFICATIONS
5001		TYPICAL DETAIL
5100		FOUNDATION PLAN
5300		ROOF FRAMING PLAN
5400		SECTION
5500		FOUNDATION DETAILS
5600		FRAMING DETAILS
E100		LIGHTING FLOOR PLAN & VOLTAGE DROP
E200		TITLE 24
E300		NRCC

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.: 02-118435
FILE NO.: 10-H10

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:

- design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
- 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, (Title 24, Part 1, Section 4-317 (b))

Signed: Russell F. Taylor
10/6/2020

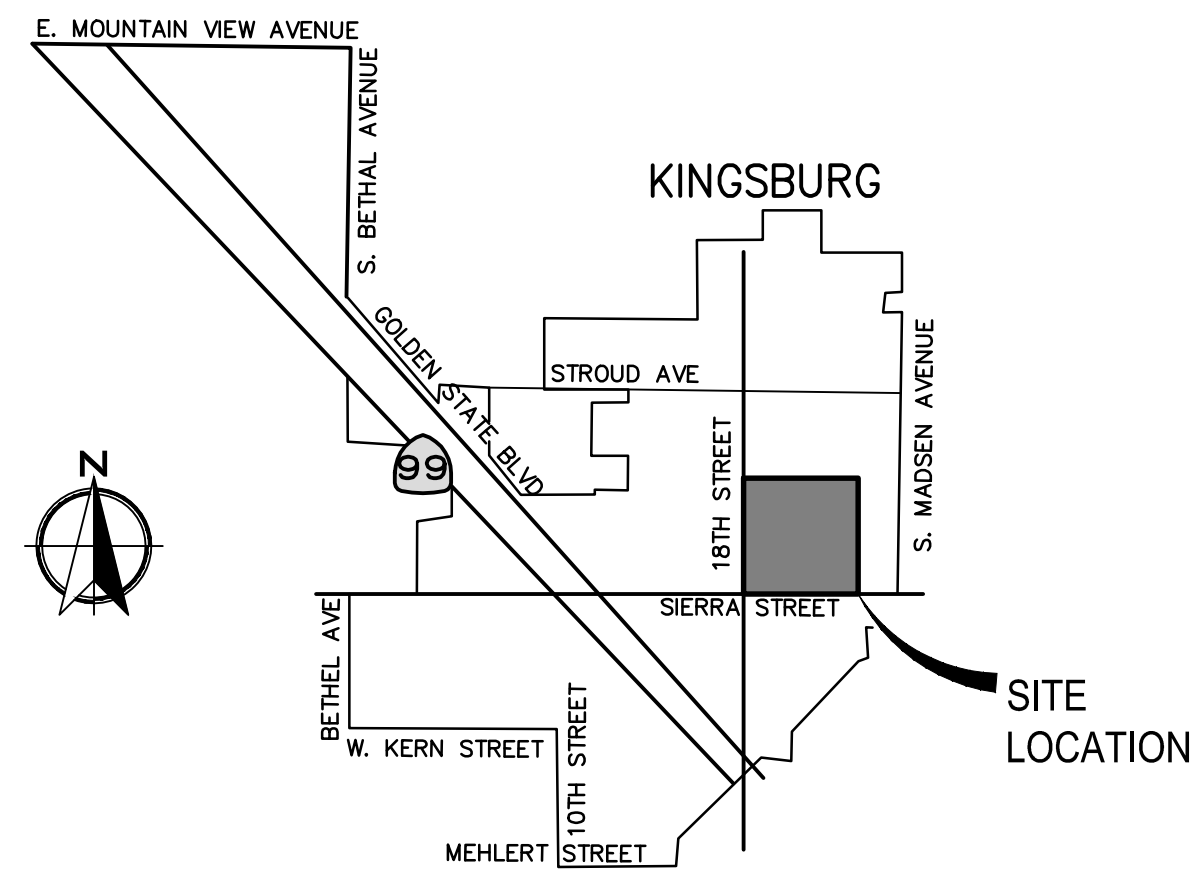
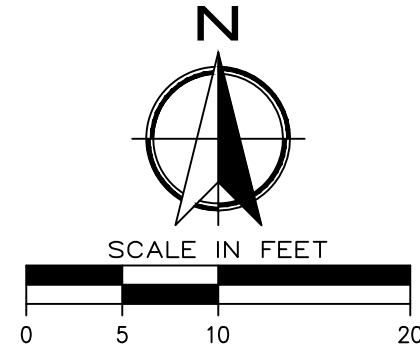
MARK	DATE	DESCRIPTION
	06/30/2020	DSA REVIEW SET
	06/18/2020	BACKCHECK SUBMITTAL

NEW AG BUILDING CANOPY FOR:
KINGSBURG HIGH SCHOOL
1900 18th AVENUE
KINGSBURG, CA 93631
COVER SHEET

PROJECT NO. 17-029.02
DRAWING C
www.tgrouparchitects.com



Know what's below. Call before you dig.



VICINITY MAP

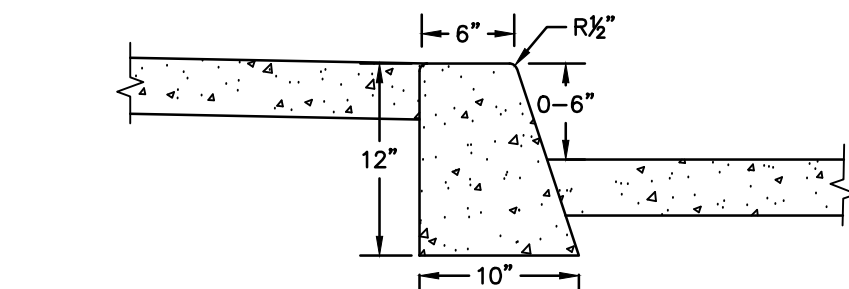
N.T.S.

GRADING NOTES

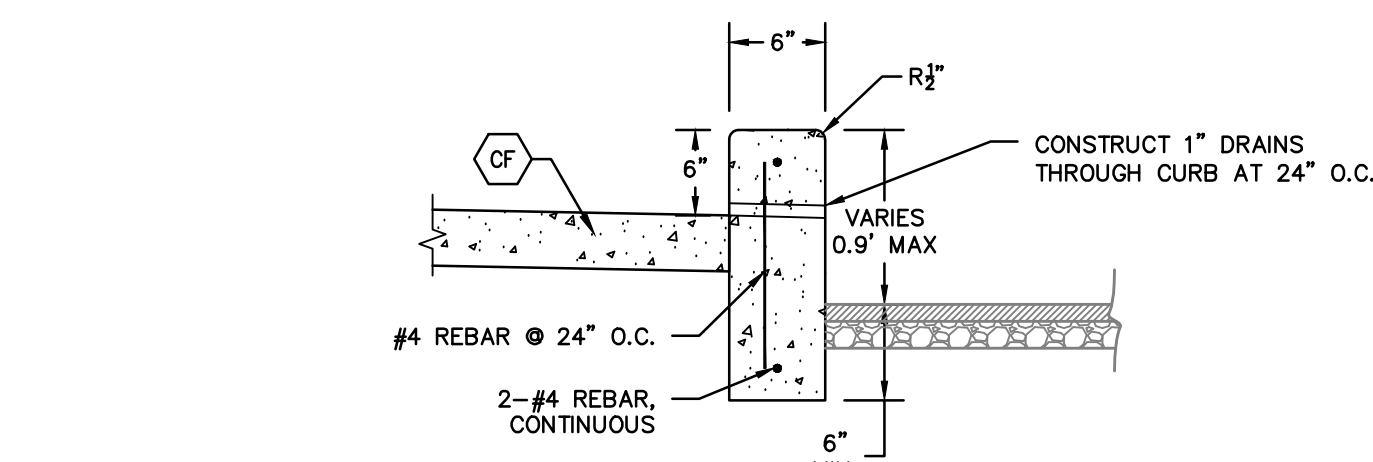
- 1. NO GRADING SHALL BE ONTO ADJACENT PROPERTY.
2. PROVIDE COMPACTION REPORTS PREPARED BY AN APPROVED TESTING AGENCY.
3. UPON COMPLETION OF PAVING, PROVIDE AN "AS-GRADED" TO THE ENGINEER OF RECORD.
4. THE OVERALL BUILDING SITE SHALL HAVE A MINIMUM SLOPE OF 0.5% IN ALL AREAS, TO AN APPROVED DRAINAGE FACILITY OR A PUBLIC STREET.
5. THE CONTRACTOR SHALL OBTAIN A GRADING PERMIT AND ABIDE BY ALL CONDITIONS THEREOF AND PAY PERMIT FEES.
6. THE GRADING CONTRACTOR SHALL REMOVE ALL ORGANIC MATTER, DEBRIS, AND OTHER DELETERIOUS MATERIAL FROM THE SITE.
7. FINISH GRADE SHALL BE 8 INCHES BELOW BUILDING FINISH FLOOR ELEVATION WITH A MINIMUM OF 5% SLOPE AWAY FROM THE BUILDING FOR AT LEAST 10 FEET OR AS LIMITED BY PROPERTY LINES.
8. THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR DUST CONTROL FOR THE WORK. DUST CONTROL MEASURES SHALL BE FULLY AND ADEQUATELY CARRIED OUT ON WEEKDAYS, WEEKENDS AND HOLIDAYS, AND WHEN NECESSARY, BEFORE OR AFTER NORMAL WORKING HOURS. A DUST CONTROL PLAN APPROVED BY SJVAPCD MAY BE REQUIRED AND IS THE CONTRACTOR'S RESPONSIBILITY.
9. ANY VERTICAL CUT OR FILL DIFFERENTIAL EQUAL TO OR GREATER THAN TWELVE (12) INCHES BETWEEN ADJACENT PROPERTIES SHALL BE SUPPORTED BY AND APPROVED RETAINING WALL. DIFFERENTIALS LESS THAN 12 INCHES SHALL HAVE A MINIMUM SLOPE OF 2 HORIZONTAL TO 1 VERTICAL.
10. ALL FILLS USED TO SUPPORT THE FOUNDATIONS OF ANY BUILDING OR STRUCTURE SHALL BE PLACED UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER, AND THE PLACEMENT OF THE FILL SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER OR HIS QUALIFIED REPRESENTATIVE. A SOIL INVESTIGATION REPORT OF SATISFACTORY PLACEMENT OF FILL, BOTH ACCEPTABLE TO THE BUILDING OFFICIAL, SHALL BE SUBMITTED.
11. ALL RETAINING WALLS REQUIRE SEPARATE BUILDING PERMITS IN ADDITION TO THE GRADING PERMIT.
12. NO PERMANENT ON-SITE WATER RETENTION IS ALLOWED.
13. MAINTAIN MINIMUM FINISHED FLOOR ELEVATIONS AS SHOWN FOR EACH BUILDING. PAD ELEVATIONS ARE DEPENDENT UPON THICKNESS OF FLOOR SYSTEMS SPECIFIED BY BUILDING ARCHITECT(S). MAINTAIN A MINIMUM 2% SLOPE AWAY FROM PROPOSED BUILDING FOR A MINIMUM OF 10 FEET.
14. ALL GRADING SHALL COMPLY WITH SECTION 3300 OF THE 2016 CBC.
15. ANY SURVEY MONUMENTS WITHIN THE AREA OF WORK SHALL BE PRESERVED OR RESET BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR.
16. MAXIMUM CROSS SLOPE OF ALL LANDINGS, RAMPS, WALKS & AT HC PARKING STALLS SHALL BE 1/4-INCH PER FOOT MAXIMUM.
17. PROTECT ALL IMPROVEMENTS TO REMAIN.
18. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF KINGSBURG IMPROVEMENT STANDARD DRAWINGS AND SPECIFICATIONS.
19. ALL PROPOSED AND EXISTING VALVES (CAP AND LID), MANHOLES, AND CLEANOUTS AFFECTED BY THIS WORK SHALL BE ADJUSTED TO GRADE AS NECESSARY AND INCLUDED IN THIS WORK.
20. ANY DIRT TRACKED ONTO ANY CITY STREET FROM THIS PROJECT SHALL BE SWEEPED UP AT THE END OF EACH WORK DAY TO THE SATISFACTION OF THE CITY ENGINEER.
21. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK OF THE CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES AND THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES IN THE WORK AREA. THE CONTRACTOR SHALL NOTIFY U.S.A. TWO (2) DAYS PRIOR TO BEGINNING ANY EXCAVATION.
22. THE COSTS OF ALL REPEAT TESTING REQUIRED FOR ACCEPTANCE OF WORK SHALL BE FULLY BORNE BY THE CONTRACTOR.
23. NO WATER MAIN VALVES SHALL BE CLOSED BY THE CONTRACTOR EXCEPT IN THE CASE OF A BROKEN MAIN. THE CONTRACTOR SHALL NOTIFY THE CITY IMMEDIATELY AFTER A LINE IS BROKEN.
24. AGGREGATE BASE SHALL BE CLASS II, 1/2" MAX., PER STATE OF CALIFORNIA STANDARD SPECIFICATIONS, SECTION 26.
25. COMPACTION TESTS SHALL BE WITHIN TWO PERCENTAGE POINTS OF OPTIMUM MOISTURE TO BE CONSIDERED AS PASSING.

NOTES

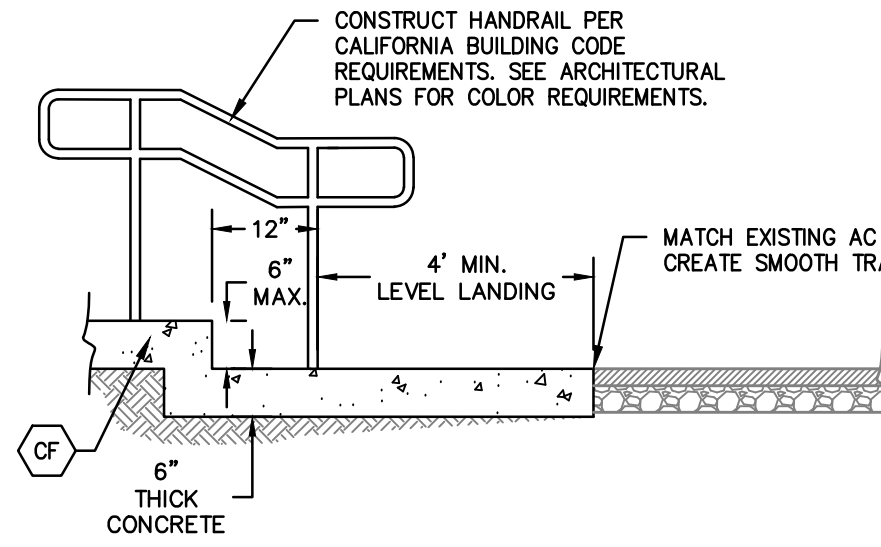
- 1. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.
2. WHERE UNDERGROUND OR SURFACE STRUCTURES ARE SHOWN ON THE PLANS, THE LOCATIONS, DEPTH AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN OR THAT THEY REPRESENT ALL THE STRUCTURES THAT MAY BE ENCOUNTERED.
3. CONTRACTOR SHALL NOTIFY "USA" (UNDERGROUND SERVICE ALERT) AT 811, TWO WORKING DAYS BEFORE COMMENCING EXCAVATION AND ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK, OF CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES, AND CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES WITHIN THE WORK AREA.
4. WHEN THE CONSTRUCTION INVOLVES RECONSTRUCTION, MODIFICATION, REVISION OR EXTENSION OF EXISTING SURFACE OR SUBSURFACE STRUCTURES, PIPES, OR APPURTENANCES, THE CONTRACTOR MUST VERIFY EXISTING LOCATION AND ELEVATIONS OF ITEMS SHOWN ON THE PLANS PRIOR TO CONSTRUCTION. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES AND/OR FIELD CONDITIONS THAT DIFFER IN ANY WAY OR ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS, IN WRITING, BEFORE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY QUESTIONS THAT MAY ARISE CONCERNING THE INTENT, PLACEMENT, OR LIMITS OF DIMENSIONS OR GRADES NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT.



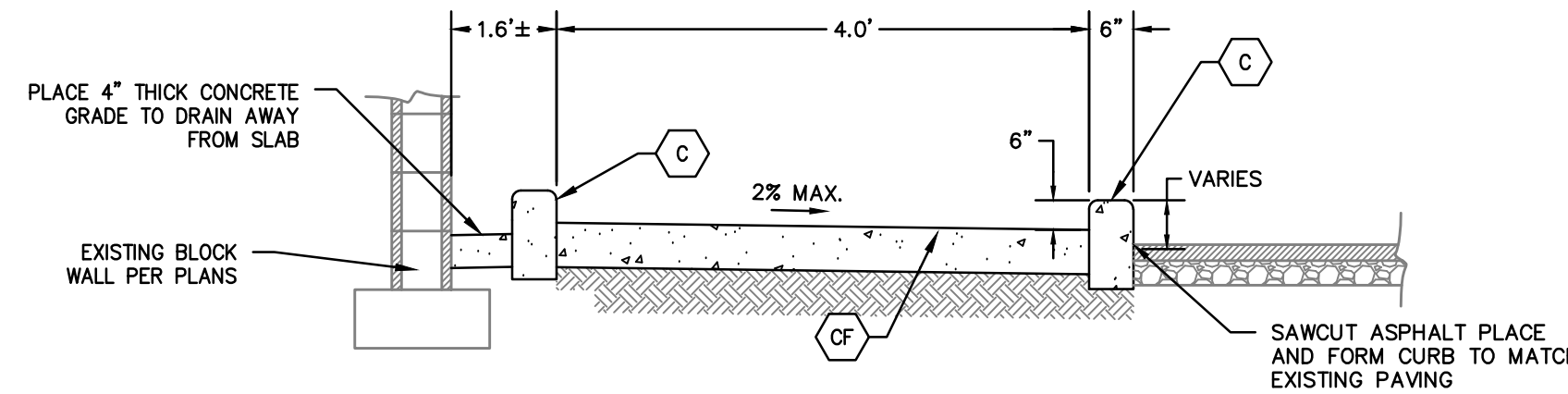
C2 CONCRETE CURB CONSTRUCTION DETAIL



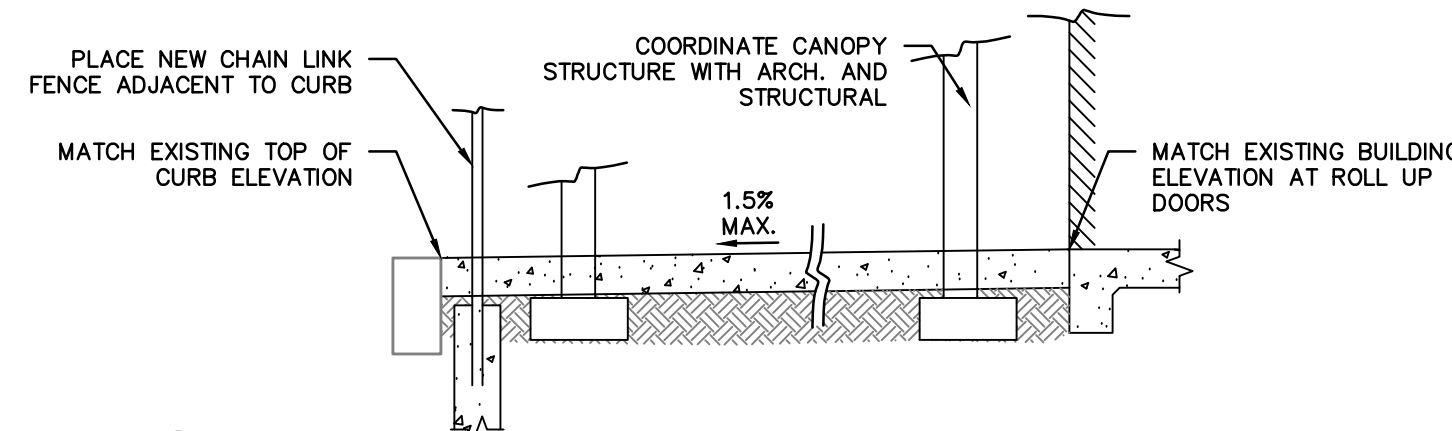
C VARIABLE HEIGHT CURB CONSTRUCTION DETAIL



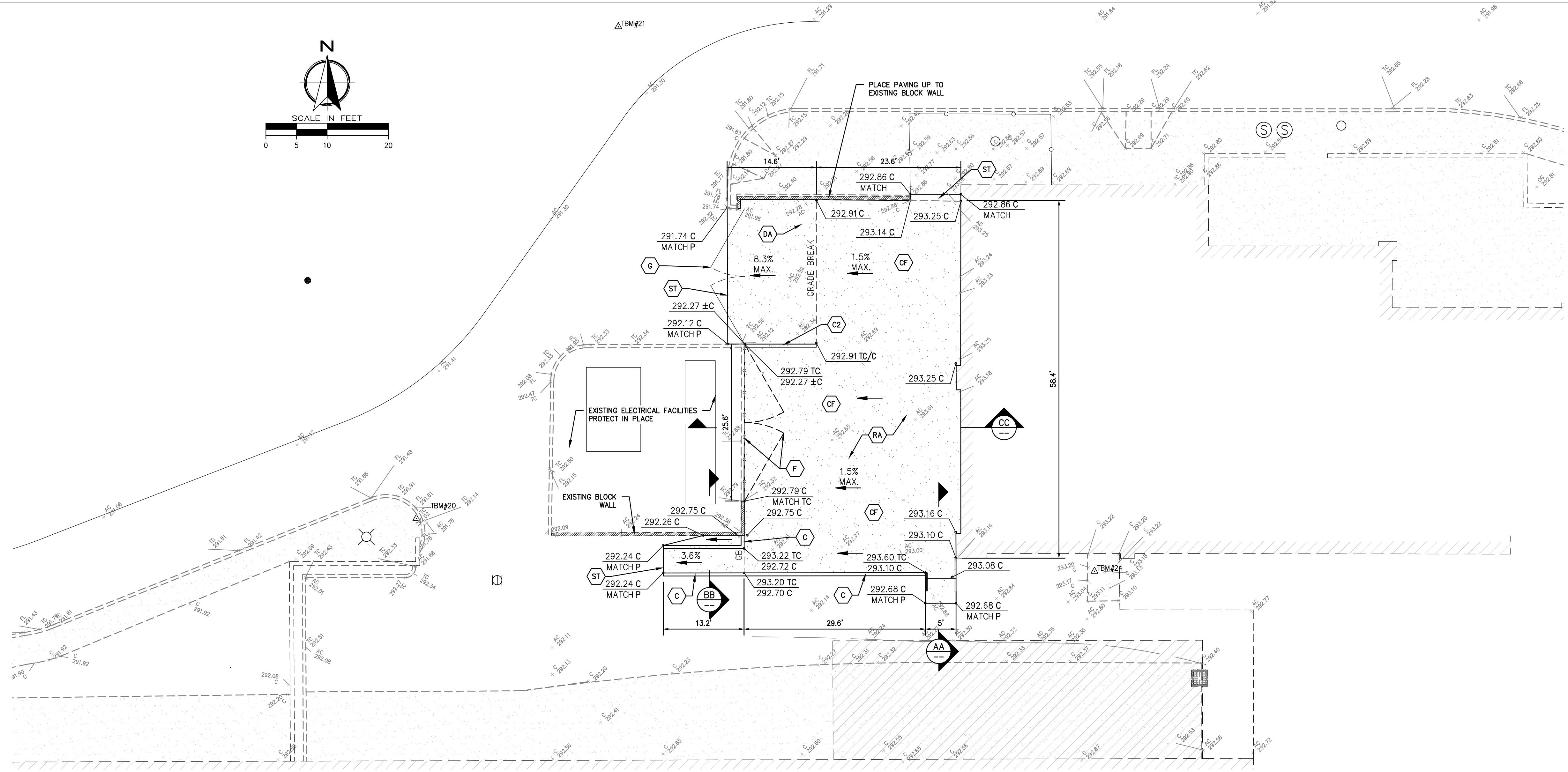
AA SECTION A-A AT STAIRS



BB SECTION B-B



CC SECTION C-C



CONSTRUCTION SYMBOLS

- C CONSTRUCT VARIABLE HEIGHT CURB PER DETAIL
C2 CONSTRUCT VARIABLE HEIGHT CURB PER DETAIL
CF PLACE MIN. 6" THICK CONCRETE FLATWORK WITH #5 REBAR @ 12" O.C., EACH WAY. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS
DA DRIVE ACCESS RAMP AS SHOWN. CROSS SLOPE SHALL NOT EXCEED 8.3%. SAWCUT EXISTING ASPHALT AND PLACE FINISH CONCRETE TO MATCH
F REMOVE EXISTING CHAIN LINK GATE. FURNISH AND INSTALL NEW 6" HIGH CHAIN LINK FENCE. COORDINATE COLOR AND TYPE TO MATCH EXISTING FENCING.
G SALVAGE AND REINSTALL GATE AND POSTS. CENTER GATE ON NEW DRIVE APPROACH. BACKFILL POST HOLES TO 95%.
RA SAWCUT AND REMOVE EXISTING ASPHALT IN CONFLICT WITH PROPOSED IMPROVEMENTS AND SAFELY DISPOSE OF OFFSITE. OVEREXCAVATE AND COMPACT SUBGRADE IN ACCORDANCE WITH THE SOILS REPORT AND STRUCTURAL DRAWINGS.
ST CONTRACTOR SHALL SAWCUT EXISTING IMPROVEMENTS AND ENSURE A SMOOTH, WATER TIGHT TRANSITION FROM PROPOSED TO EXISTING THROUGHOUT.

LINETYPE LEGEND

Table with columns for EXISTING and PROPOSED linetypes, including CENTERLINE, EASEMENT, PROPERTY LINE, RIGHT-OF-WAY, CHAIN LINK FENCE, CURB AND GUTTER, EDGE OF PAVEMENT, GRADE BREAK, and RETAINING WALL.

SYMBOLS LEGEND

Table with columns for EXISTING and PROPOSED symbols, including ELECTRIC VAULT, GUARD POST, STORM DRAIN MANHOLE, CATCH BASIN, CONTROL POINT, DIRECTION OF FLOW, SPOT ELEVATION, LIMITS OF ASPHALT CONCRETE PAVING, and LIMITS OF CONCRETE FLATWORK.

ABBREVIATIONS

Table listing abbreviations for various construction elements like aggregate base, asphalt concrete, benchmark, concrete, compacted native soil, control point, crown, drive approach, drain inlet, drainage, edge of concrete, edge of pavement, electrical vault, finish grade, flow line, grade break, linear feet, manhole, on center, pavement, pavement=concrete, radius, right-of-way, storm drain, square feet, street light station, standard, top of curb, top of wall, valley gutter, water.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118435 INC.
REVIEWED FOR
SS FLS ACS
DATE: 10/06/2020



Revision table with columns for DATE, DESCRIPTION, and REVISIONS.

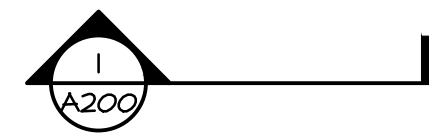
NEW AG BUILDING CANOPY FOR:
KINGSBURG HIGH SCHOOL
1900 18th AVENUE
KINGSBURG, CA 93631
GRADING LAYOUT PLAN
DSA PROJECT NO 02-118435



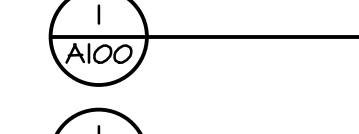
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GRAPHIC SYMBOLS

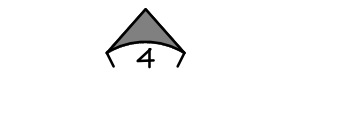
ARCHITECTURAL



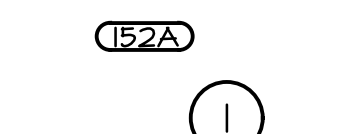
SECTIONS



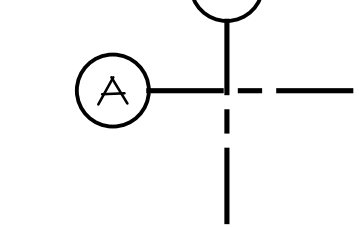
DETAILS



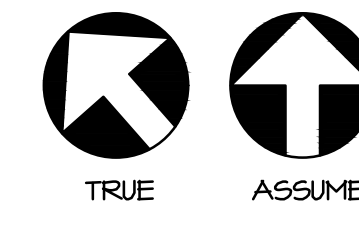
INTERIOR ELEVATIONS



DOOR MARK



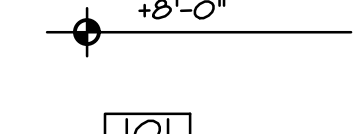
GRID LINE



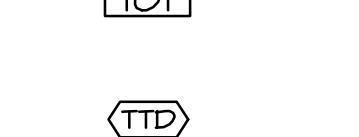
NORTH ARROW



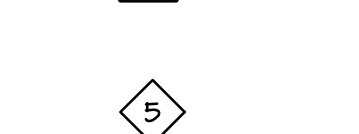
KEYNOTE



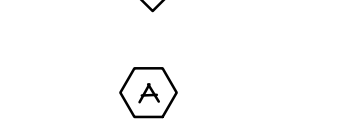
ELEVATION MK.



ROOM NUMBERS



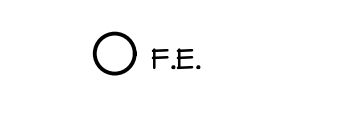
BEAM MARK, PLUMBING
FIXTURE MARK, MECHANICAL
EQUIPMENT, FOOTING MARK



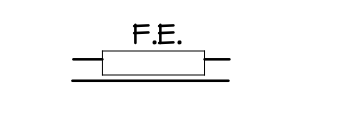
WALL TYPE



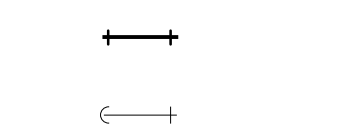
WINDOW MARK



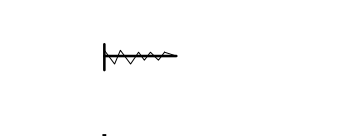
REVISIONS



BRACKET MOUNTED FIRE
EXTINGUISHER, 3A:40BC.

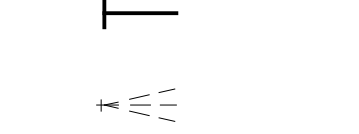


RECESSED WALL CABINET
MOUNTED FIRE EXTINGUISHER,
3A:40BC.



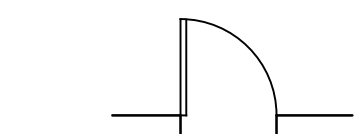
THRU BOLT

CARRIAGE BOLT

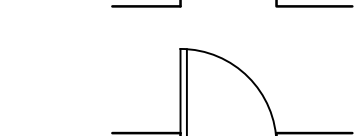


LAG BOLT

COMMON NAIL



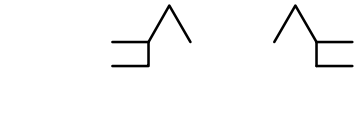
EXPANSION BOLT



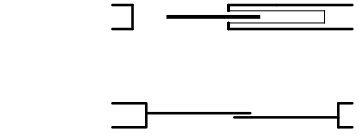
NEW DOOR



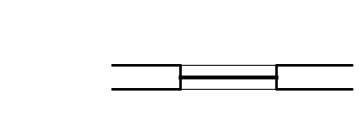
DOUBLE ACTING
DOOR



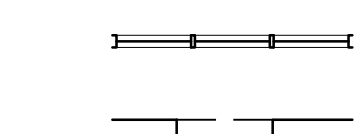
BI-FOLDING DOOR



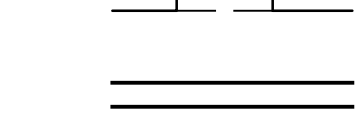
POCKET DOOR



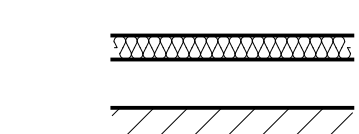
SLIDING DOOR



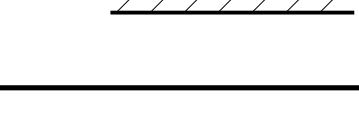
WINDOW



STOREFRONT SYSTEM



CASED OPENING



STUD WALL



SOUND INSULATED WALL

CONC. MASONRY WALL

MATERIAL DESIGNATIONS

PLAN/SECTION

	EARTH
	POROUS FILL
	STRUCTURAL CONCRETE
	BRICK, MASONRY
	FIRE BRICK
	GRANITE
	ASPHALTIC CONCRETE
	ROCK
	TERRAZZO
	METAL (LARGE SCALE)
	WOOD - FINISH
	WOOD - ROUGH (BLOCKINGS)
	WOOD - ROUGH (CONTINUOUS)
	INSULATION (LOOSE OR BATT)
	INSULATION (RIGID)
	GLASS
	ACOUSTIC TILE
	CERAMIC TILE
	GYPSUM WALL BOARD (LARGE SCALE)
	GYPSUM SHEATHING, SAND LEVELING BED
	RESILIENT FLOORING
	PLYWOOD
	PLASTER, SAND, CEMENT, GROUT
	PARTICLE BOARD

SYMBOLS AS ABBREVIATIONS

∠	ANGLE
CL	CENTERLINE
¢	PENNY
⊥	PERPENDICULAR
∅	ROUND/ DIAMETER
■	SQUARE
FL	PROPERTY LINE
FL	FLOW LINE

ABBREVIATIONS

ABV.	ABOVE
AC	ACOUSTICAL
AC	AIR CONDITIONING/ASPHALT CONCRETE
ADH.	ADHESIVE
ADJ.	ADJACENT/ADJUSTABLE
A.F.F.	ABOVE FINISHED FLOOR
ALT.	ALTERNATE
ALUM.	ALUMINUM
ANOD.	ANODIZED
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
BV.	BETWEEN
BD.	BOARD
BLDG.	BUILDING
BLN.	BELOW
BTM.	BOTTOM
BRZ.	BRONZE
CABT.	CABINET
CF	CUBIC FEET
CLR.	CLEAR(ANCE)
CMJ	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
COND.	CONDITION
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS OR CONTINE
CONTR.	CONTRACTOR
CPT	CARPETED
CT	CERAMIC TILE
CH	COLD WATER
DBL.	DOUBLE
DEMO	DEMOLISH/DEMOLITION
DET.	DETAIL
DF	DRINKING FOUNTAIN/DOUGLAS FIR
DIAG.	DIAGONAL
DIR.	DIRECTION
DN	DOWN
DR	DOOR
DRWG.	DRAWING
DRWR.	DRAWER
EA.	EACH
ELEV.	ELEVATION
ELEC.	ELECTRICAL
EP	ELECTRICAL PANEL BOARD
EQ.	EQUAL
EQUIP.	EQUIPMENT
EXIST.	EXISTING
EXP.	EXPOSED
EXT.	EXTERIOR
FF.	FINISH FLOOR
FLR.	FLOORING
FLOU.	FLUORESCENT
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.S.	FIRE SPRINKLER
GA.	GAGE/GAUGE
G.C.	GENERAL CONTRACTOR
GL.	GLASS/LAZING
GYP. BD.	GYPSUM BOARD
HARDBD.	HARDBOARD
HC	HOLLOW CORE
HCAP	HANDICAP
HM	HOLLOW METAL
HORIZ.	HORIZONTAL
HT.	HEIGHT
HSP	HOLLOW STRUCTURAL SECTION
HW	HOT WATER
HARDWD.	HARDWOOD
ID.	INSIDE DIAMETER
IN.	INCH
INCL.	INCLUDED(ING)
INCL.	INCLUDED(ING)
INT.	INTERIOR
JO.	JOINT
LAM.	LAMINATED
LAV.	LAVATORY
L.F.	LINEAR FOOT
MATL.	MATERIALS
MAX.	MAXIMUM
MECH.	MECHANICAL
MED.	MEDIUM
MTL.	METAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MK.	MARK
NA.	NOT APPLICABLE TO THIS PROJECT
NC	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
NTS	NOT TO SCALE
O.	OVER
O.C.	ON CENTER(S)
O.D.	OUTSIDE DIAMETER
O.F.C.I.	OWNER FURNISH/CONTRACTOR INSTALL
ON	OVERHEAD
OPG.	OPENING
OPP.	OPPOSITE
PH	PANIC HARDWARE
PBD.	PARTICLE BOARD
PREFIN.	PREFINISHED
PL	PLATE
PLAM.	PLASTIC LAMINATE
PLBG.	PLUMBING
PR.	PAIR
PSD	POWDERED SOAP DISPENSER
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PTD	PAPER TOWEL DISPENSER
PLYND.	PLYWOOD
QT	QUARRY TILE
R	RADIUS
REFRIG.	REFRIGERATOR
REIN.	REINFORCED(ING)
REQD.	REQUIRED
RES.	RESILIENT
REV.	REVISIONS/REVISED
RH.	ROOM
R.O.	ROUGH OPENING
RWD.	REDWOOD
SC	SOLID CORE
SCD	SEAT COVER DISPENSER
SHT.	SHEET
SHTG.	SHEATHING
SIM.	SIMILAR
SND	SANITARY NAPKIN DISPOSAL
SNT.	SEALANT
SNV	SANITARY NAPKIN VENDOR
SPEC.	SPECIFICATIONS
SQ.	SQUARE
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
SYM.	SYMMETRICAL
TEL.	TELEPHONE
TEMP.	TEMPERATURE
T&G	TONGUE & GROOVE
TGB	TOILET GRAB BAR
THK.	THICKNESS
T.O.M.	TOP OF MALL
T.S.	TUBE STEEL
TTD	TOILET TISSUE DISPENSER
TYP.	TYPICAL
U	URINAL
UC.	UNDERCUT
U.O.N.	UNLESS OTHERWISE NOTED
VERT.	VERTICAL
VCT	VINYL COMPOSITION TILE
VNG	VINYL WALLCOVERING
W	WITH
WO	WITHOUT
WC	WATER CLOSET
WH.	WATER HEATER
HT.	HEIGHT
YD.	YARD

GENERAL NOTES

- UNLESS OTHERWISE INDICATED, ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL CODES ADOPTED & AMENDED BY THE GOVERNING AUTHORITY.
- UNLESS OTHERWISE INDICATED, ALL DIMENSIONS ARE INDICATED TO THE FACE OF STUD WALLS.
- CONTRACTOR SHALL VISIT THE JOB SITE & FAMILIARIZE HIMSELF W/ ALL CONDITIONS WHICH MAY HAVE AN EFFECT ON HIS WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS & THE ACTUAL CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- DRAWINGS ARE NOT TO BE SCALED FOR ANY REASON. DIMENSIONS SHALL GOVERN.
- TAKE FIELD MEASUREMENTS AS REQUIRED. DISCREPANCIES BETWEEN DRAWINGS & FIELD DIMENSIONS SHALL BE REPORTED TO OWNER PRIOR TO FABRICATION.
- PROVIDE ATTACHMENT & CONNECTION DEVICES & METHOD NECESSARY FOR SECURING WORK.
- WHERE MOUNTING HEIGHTS ARE NOT INDICATED, INSTALL INDIVIDUAL COMPONENTS AT STANDARD MOUNTING HEIGHTS RECOGNIZED WITHIN THE INDUSTRY FOR THE PARTICULAR APPLICATION INDICATED. REFER QUESTIONABLE MOUNTING HEIGHT DECISIONS TO THE OWNER FOR FINAL DECISION.
- SEE SPECIFICATIONS FOR MATERIAL GRADES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY CONFLICTS HEREIN PRIOR TO START OF WORK ON THAT ITEM.
- NO ADDITIONAL ROOF OPENINGS OR ROOF MOUNTED EQUIPMENT IS ALLOWED BEYOND THAT WHICH IS SHOWN ON THESE PLANS WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
- WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR SIMILAR CONSTRUCTION ON THE PROJECT.
- WHERE NO SPECIFIC STANDARDS ARE APPLIED TO A MATERIAL OR METHOD OF CONSTRUCTION TO BE USED IN THE WORK, ALL SUCH MATERIALS & METHODS ARE TO MAINTAIN STANDARDS OF THE INDUSTRY.
- MATERIALS, EQUIP., ETC. NOT INDICATED ON DRAWINGS OR SPECIFIED HEREIN BUT ESSENTIAL TO THE SUCCESSFUL & EFFICIENT COMPLETION OF THE INSTALLATION SHALL BE FURNISHED & INSTALLED.
- EXAMINE SUBSTRATES & OTHER CONDITIONS UNDER FINISH MATERIALS FOR COMPLIANCE W/ REQUIREMENTS FOR APPLICATION OF FINISH MATERIAL. DO NOT BEGIN APPLICATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- MANUFACTURER'S INSTRUCTION. COMPLY W/ MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS & RECOMMENDATIONS TO THE EXTENT THAT THOSE INSTRUCTIONS & RECOMMENDATIONS ARE MORE EXPLICIT OR STRINGENT THAN REQUIREMENTS CONTAINED IN CONTRACT DOCUMENTS
- OBTAIN EACH CLASSIFICATION OF WORK FROM A SINGLE SOURCE AS REQUIRED IN SPECIFICATIONS.
- THESE PLANS & RELATED DOCUMENTS MUST BE AVAILABLE AT THE JOB SITE DURING ANY INSPECTION ACTIVITY.
- CONTRACTOR SHALL OBTAIN A BUILDING PERMIT FROM THE GOVERNING AUTHORITY PRIOR TO BEGINNING CONSTRUCTION OPERATIONS.
- VERIFY THAT MAX. GROSS SLOPE OF ALL NEW LANDINGS, RAMPS, AND/OR WALKS TO BE MAX. 1.5% PER FOOT.
- PROVIDE ALL-WEATHER ACCESS TO ALL AREAS OF THE DEVELOPMENT DURING ALL PHASES OF CONSTRUCTION.

CODE COMPLIANCE STATEMENT

ALL WORK SHALL BE IN ACCORDANCE WITH THE 2019 CALIFORNIA BUILDING CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA MECHANICAL CODE, CALIFORNIA ELECTRICAL CODE, CALIFORNIA FIRE CODE, AND TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS ALL AS AMENDED AND ADOPTED BY THE GOVERNING AUTHORITIES, UNLESS SUPERCEDED BY OTHER CODE REQUIREMENTS (DELINEATED BELOW).

DRAWING ORGANIZATION

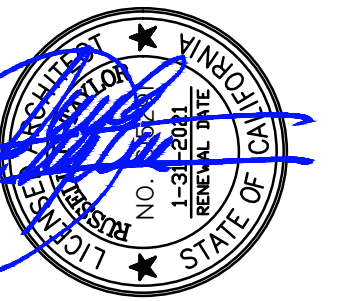
THE ORGANIZATION OF THESE DRAWINGS IS NOT INTENDED TO CONTROL THE DIVISION OF WORK AMONG SUBCONTRACTORS. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DIVIDE THE WORK.

THE INTENT OF THE DRAWINGS IS TO COVER ALL WORK AND CONDITIONS FOR THE PROJECT. IF OTHER CONDITIONS ARE DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A PROPOSAL OF THE WORK TO BE DONE TO THE ARCHITECT FOR REVIEW AND APPROVAL.

COPIES OF THESE DRAWINGS ARE SUPPLIED TO THE OWNER, AND THE CONTRACTOR FOR USE IN THE CONSTRUCTION OF THIS PROJECT ONLY. THE DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO A THIRD PARTY WITHOUT FIRST OBTAINING THE WRITTEN PERMISSION OF THE TAYLOR GROUP ARCHITECTS. ALL DRAWINGS PREPARED BY THE TAYLOR GROUP ARCHITECTS ARE AND SHALL REMAIN THE PROPERTY OF THE TAYLOR GROUP ARCHITECTS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-118435 INC:
REVIEWED FOR
SS FLS ACS
DATE: 10/06/2020

THE TAYLOR GROUP ARCHITECTS
10 RIVER PARK PLACE EAST, SUITE 208 • FREESNO, CA 93720 • P. 559.708.4046



DSA 810 FORM:

810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings*.

PROJECT INFORMATION

School District/Owner: Kingsburg Joint Union High School District

Project Name/School: Kingsburg High School

Project Address: 1900 18th Ave., Kingsburg, CA 93631

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? <i>(If yes, provide a copy of the test data.)</i>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? <i>(If yes, indicate FHSZ classification below.)</i>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Refer to the following website for FHSZ locations: http://egis.fire.ca.gov/FHSZ/	Moderate <input type="checkbox"/>	High <input type="checkbox"/> Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) <i>(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)</i>	WIFA <input type="checkbox"/>	

DSG DSA 810 (revised 01/30/20) DIVISION OF THE STATE ARCHITECT

DEPARTMENT OF GENERAL SERVICES

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DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.			<input checked="" type="checkbox"/>	
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5. Fire Hydrants: Number and spacing does not meet CFC requirements.			<input checked="" type="checkbox"/>	
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.			<input checked="" type="checkbox"/>	
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			<input checked="" type="checkbox"/>	
7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: _____

LFA Review Official: _____

Title: _____ Work Phone: _____

Work Email: _____

LFA Reviewer's Signature: _____ Date: _____

DSG DSA 810 (revised 01/30/20) DIVISION OF THE STATE ARCHITECT

DEPARTMENT OF GENERAL SERVICES

Page 2 of 4 STATE OF CALIFORNIA

MARK	DATE	DESCRIPTION
	06/30/2020	DSA REVIEW SET
	06/18/2020	BACKCHECK SUBMITTAL

NEW AG BUILDING CANOPY FOR:
KINGSBURG HIGH SCHOOL
1900 18th AVENUE
KINGSBURG, CA 93631

GENERAL NOTES & DSA 810 FORM

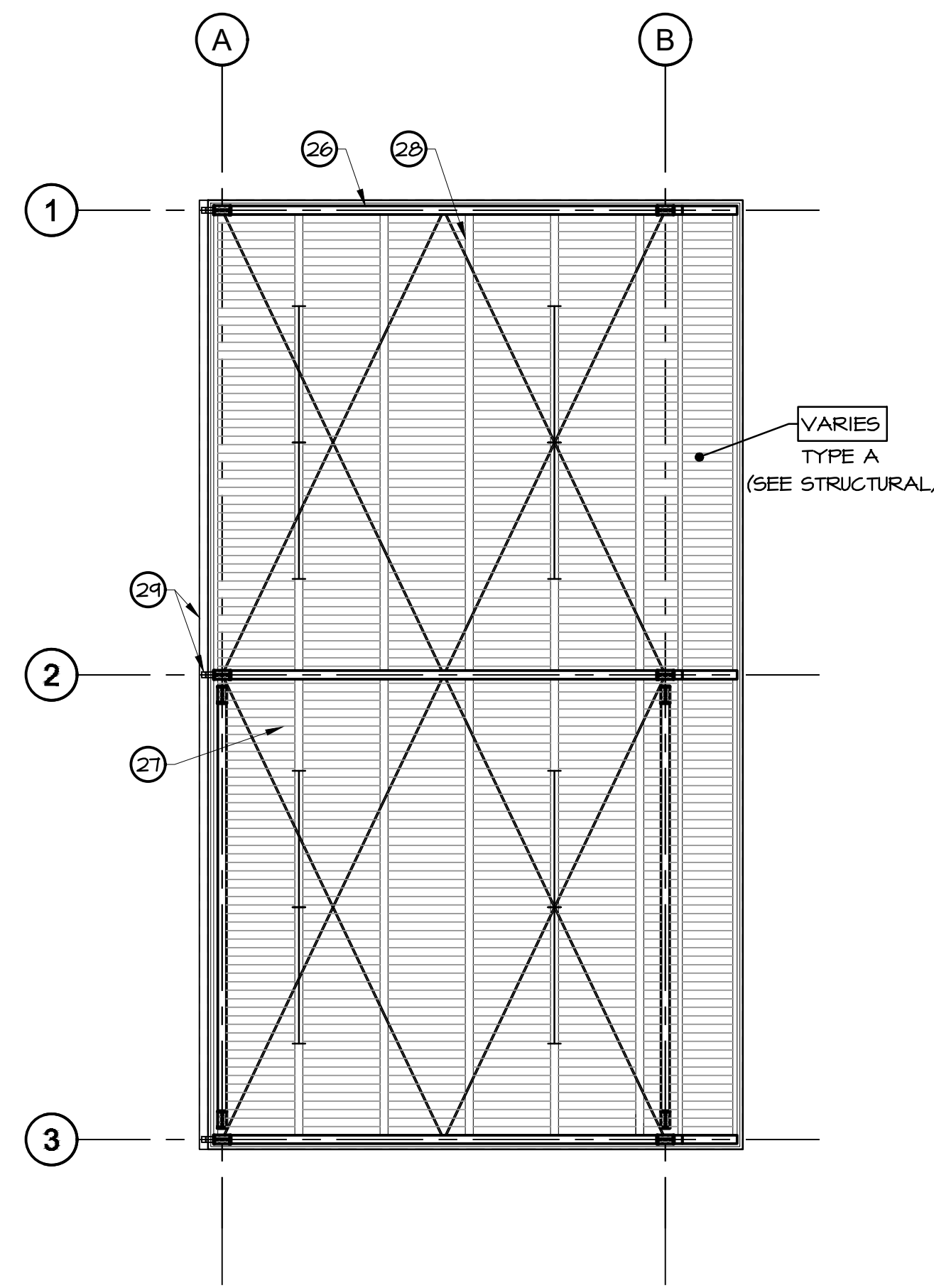
DSA PROJECT NO 02-118435

The Taylor Group expressly reserves all rights in these drawings. The drawings, the design and the design are an instrument of professional service. It is not to be used in whole or in part for any other project without the written authorization of the Taylor Group Architects.

PROJECT NO.
17-029.02

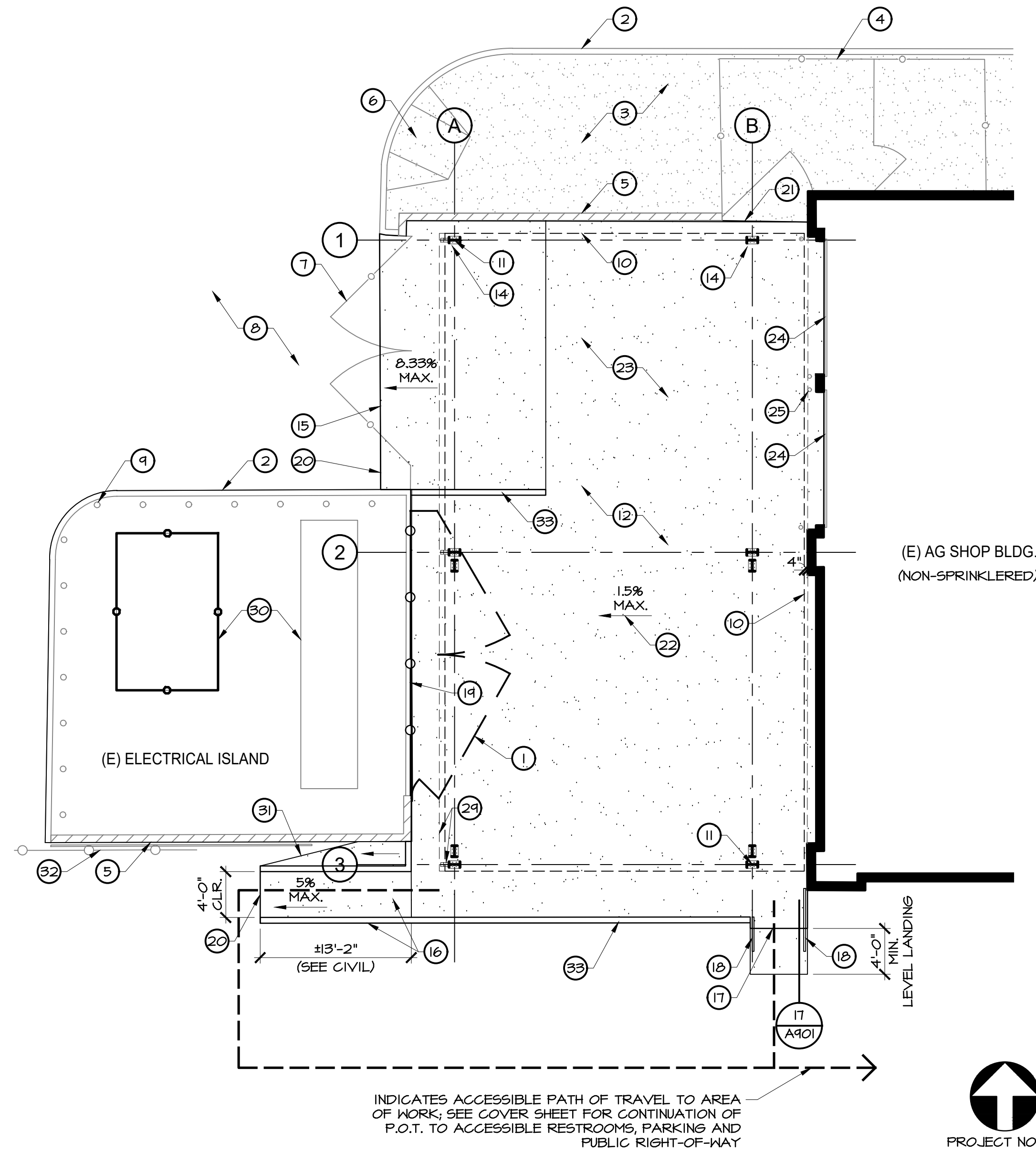
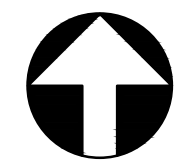
DRAWING
G001

www.tgarchitects.com



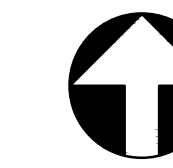
REFLECTED CEILING PLAN

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



KEYNOTE FLOOR PLAN

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



CEILING LEGEND

- TYPE A METAL ROOFING
- LED STRIPLIGHT FIXTURE; SEE ELECTRICAL PLANS

KEYNOTES

1. (E) CHAIN LINK GATE TO BE REMOVED
2. (E) CONCRETE CURB
3. (E) CONCRETE WALK
4. (E) CHAIN LINK FENCE
5. (E) CMU WALL
6. (E) CURB RAMP
7. (E) CHAIN LINK GATE TO REMAIN; CENTER WITH (N) DRIVE APPROACH
8. (E) VEHICLE DRIVE
9. (E) BOLLARDS TO REMAIN, TYP.
10. INDICATES EXTENT OF (N) METAL CANOPY
11. (N) COLUMN, TYP.
12. (N) 6" CONCRETE SLAB W/ #5 REBAR 12" O.C. EA. WAY; MAX. 1.5% SLOPE AWAY FROM (E) SHOP AREA
13. INDICATES LOCATION OF (N) COLUMN PAD FOOTING, TYP.
14. COORDINATE (N) COLUMN PAD FOOTING W/ (E) CMU WALL CONT. FOOTING
15. (N) DRIVE APPROACH W/ 0.33% MAX. SLOPE
16. (N) CONCRETE SLOPED WALK W/ 6" H RAISED CONCRETE CURB, 5% MAX. SLOPE IN DIRECTION OF TRAVEL AND MAX. 1.5% CROSS-SLOPE
17. (N) CONCRETE STEP; SEE SEE CIVIL DWGS. FOR GRADES.
18. (N) 1-1/2" DIA. HANDRAIL; SEE DETAIL
19. (N) CHAIN LINK FENCE INFILL
20. FLUSH TRANSITION
21. FEATHER/GRIND CONCRETE AT TRANSITION; PROVIDE 1/2" MAX. OFFSET BETWEEN (N) CONC. & (E) CONC.
22. INDICATES DIRECTION OF SLOPE, TYP.
23. (E) ASPHALT TO BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION; CONTRACTOR TO DETERMINE EXTENT OF DEMOLITION REQUIRED
24. (E) ROLL-UP DOOR
25. (E) DOOR PROTECTION POST TO BE REMOVED AND REPLACED, TYP.
26. BEAM, TYP.; SEE STRUCTURAL
27. CROSS BRACING, TYP.; SEE STRUCTURAL
28. Z-PURLIN, TYP.; SEE STRUCTURAL
29. RAIN GUTTER AND DOWNSPOUT, TYP.
30. (E) ELECTRICAL EQUIPMENT
31. SLOPE (N) CONC. TO DIVERT WATER TO END OF (N) WALKWAY
32. (E) SLIDING GATE AND TRACK
33. 6" H RAISED CONC. CURB; SEE CIVIL

GENERAL NOTES

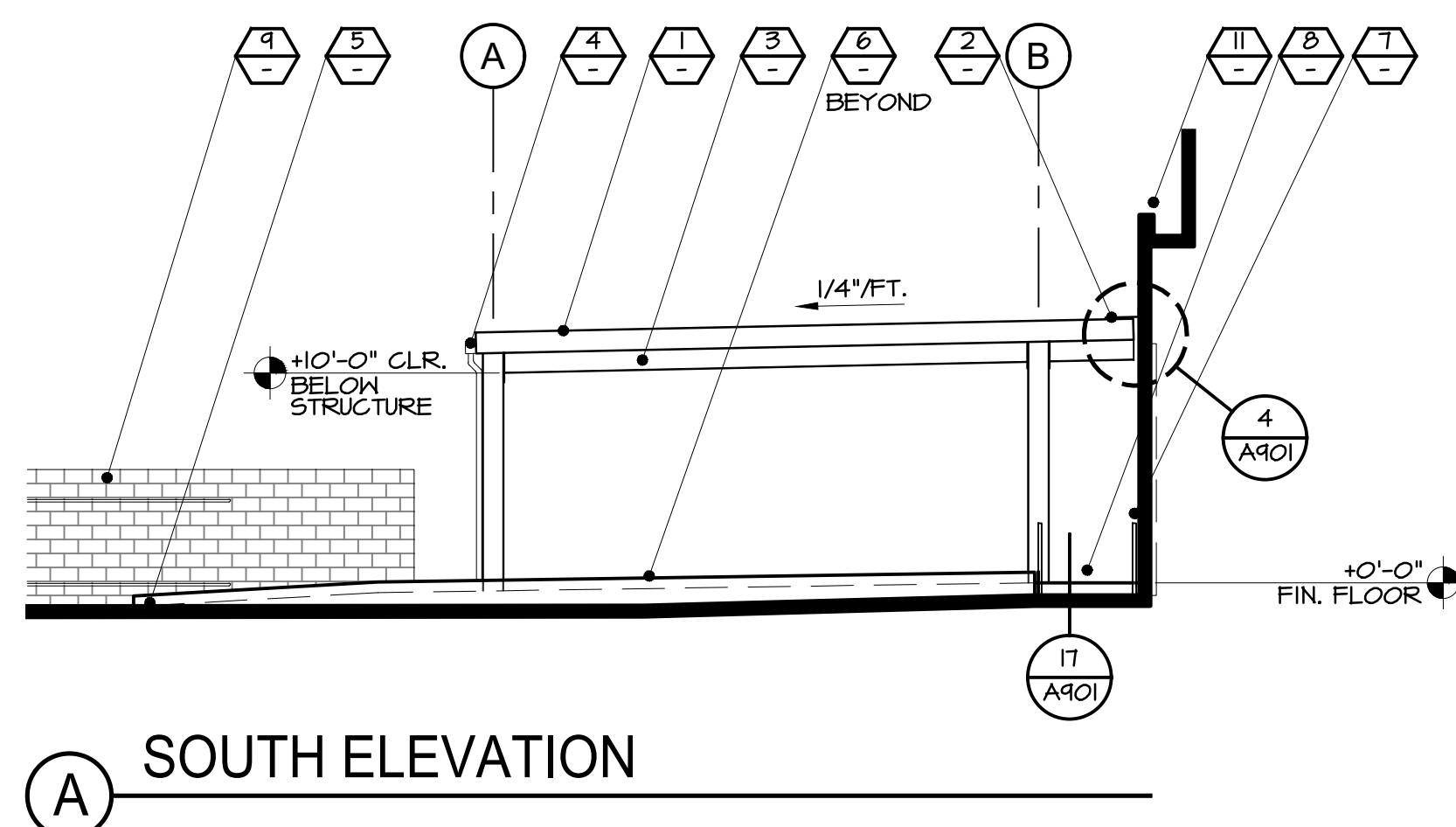
1. ALL ACCESSIBILITY-RELATED ITEMS TO COMPLY W/ CBC CHAPTER 11B AND 2010 ADAS
2. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY THE DSA

EXTERIOR FINISH SCHEDULE

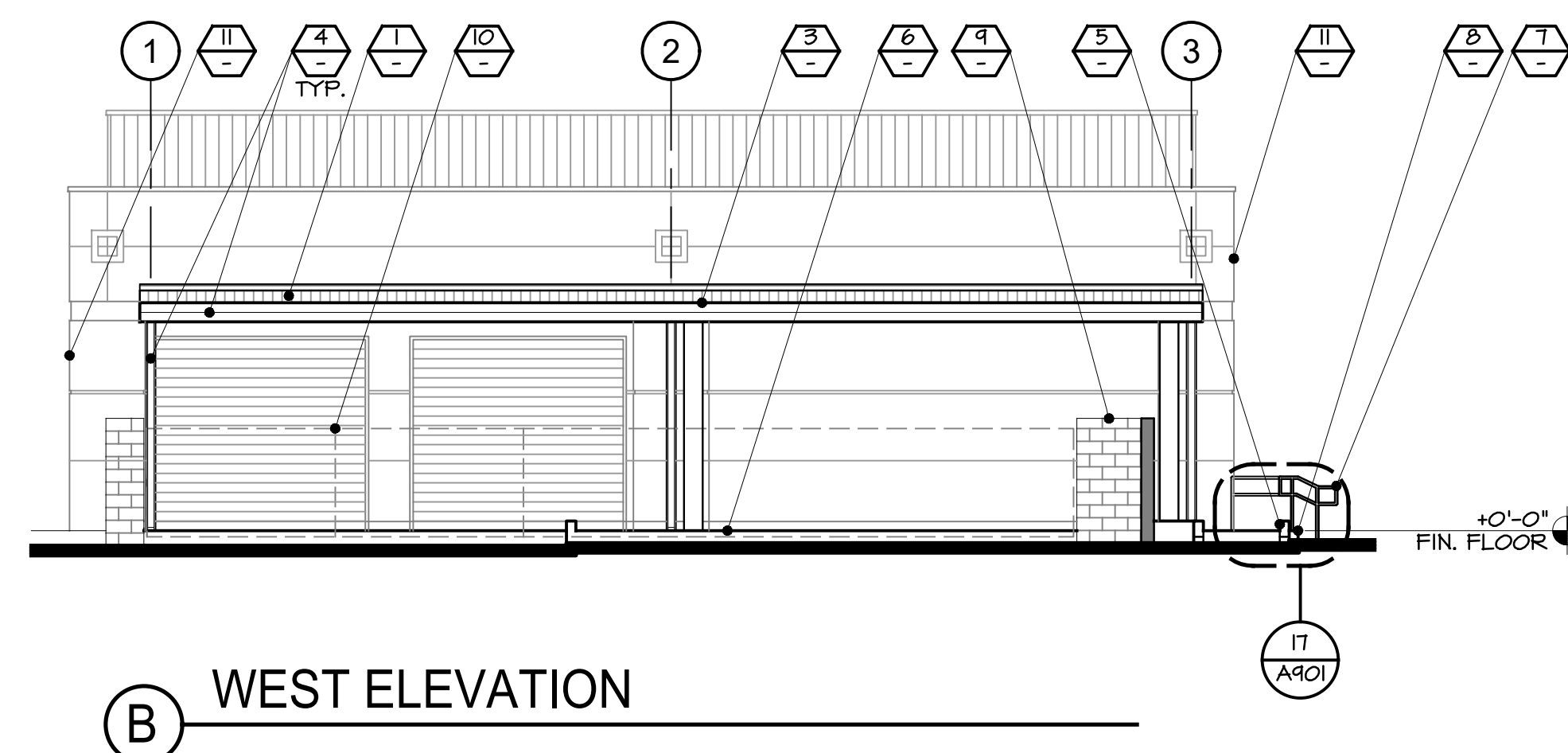
MARK	MATERIAL	DESCRIPTION
1	METAL ROOFING	-
2	CONTINUOUS FLASHING	SEE DETAIL 4/A901
3	PREFABRICATED METAL CANOPY STRUCTURE	-
4	CONT. SHT. MTL. GUTTER AND DOWNSPOUT	-
5	CONC. CURB	-
6	CONC. SLAB	-
7	HANDRAIL	-
8	STEP	-
9	CMU WALL	-
10	INDICATES CHAIN-LINK FENCE AND GATE	-
11	INDICATES ADJACENT EXISTING AG SHOP BUILDING	-

EXTERIOR PAINTING SCHEDULE

ITEM LISTED	THE FOLLOWING ITEMS SHALL BE PAINTED; UNLESS OTHERWISE INDICATED, PAINTING REQUIRED AT ALL OF EA. ITEM LISTED	THE FOLLOWING ITEMS DO NOT REQUIRE FIELD PAINTING, EXCEPT FOR TOUCH-UP AS REQUIRED IN SPECIFICATIONS:
EXPOSED GSM FLASHING & CAPS METAL BUILDING COMPONENTS RAIN GUTTER & DOWNSPOUT HANDRAILS/GUARDRAILS PROTECTIVE BOLLARDS		PREFINISHED ROOF PANELS EXPOSED CONCRETE



SOUTH ELEVATION



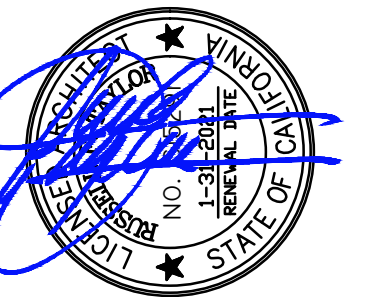
WEST ELEVATION

EXTERIOR ELEVATIONS

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

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DIV. OF THE STATE ARCHITECT
APP: 02-118435 INC:
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DATE: 10/06/2020

THE TAYLOR GROUP ARCHITECTS
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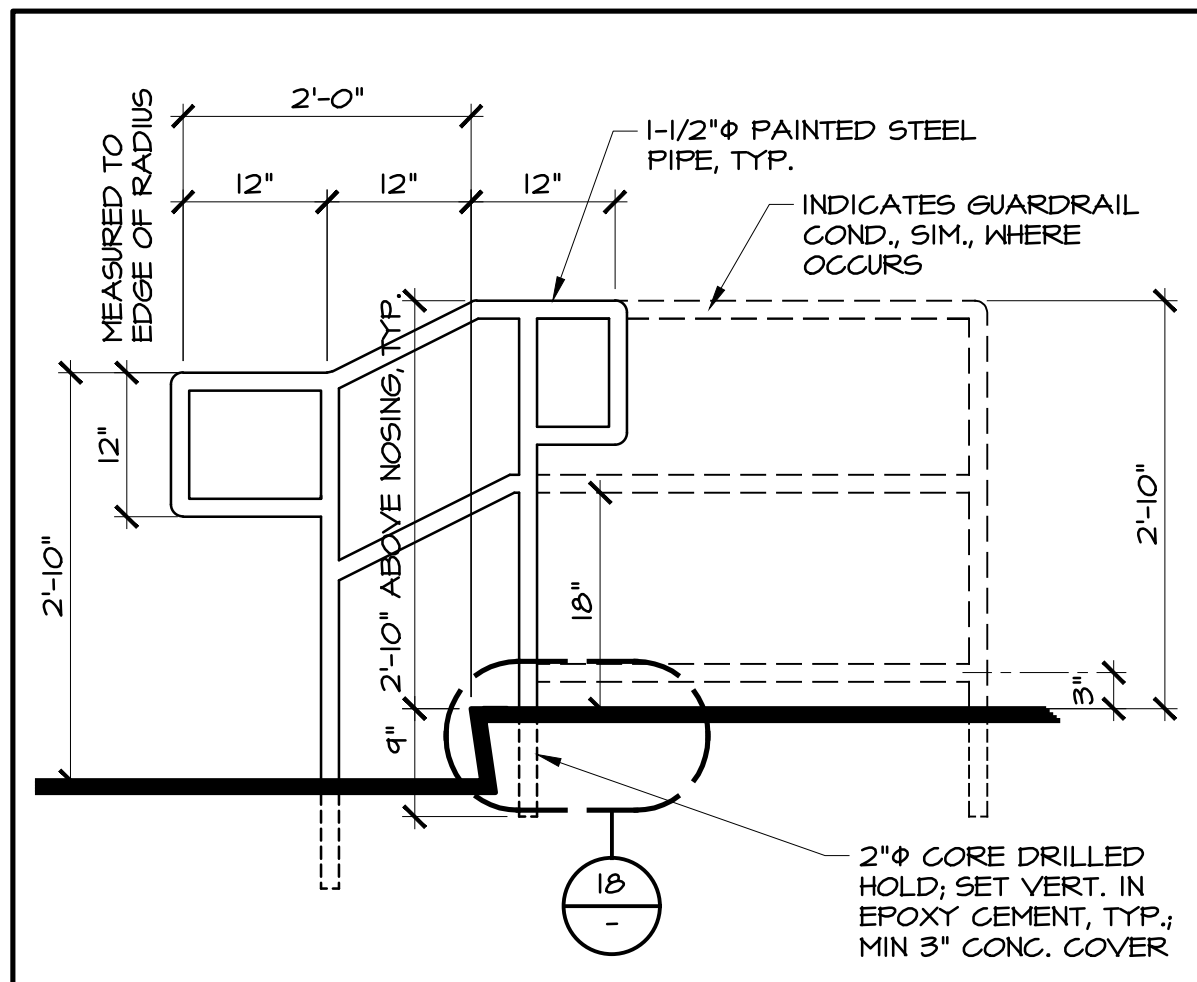


MARK	DATE	DESCRIPTION
1	06/30/2020	DSA REVIEW SET
1	08/18/2020	BACKCHECK SUBMITTAL

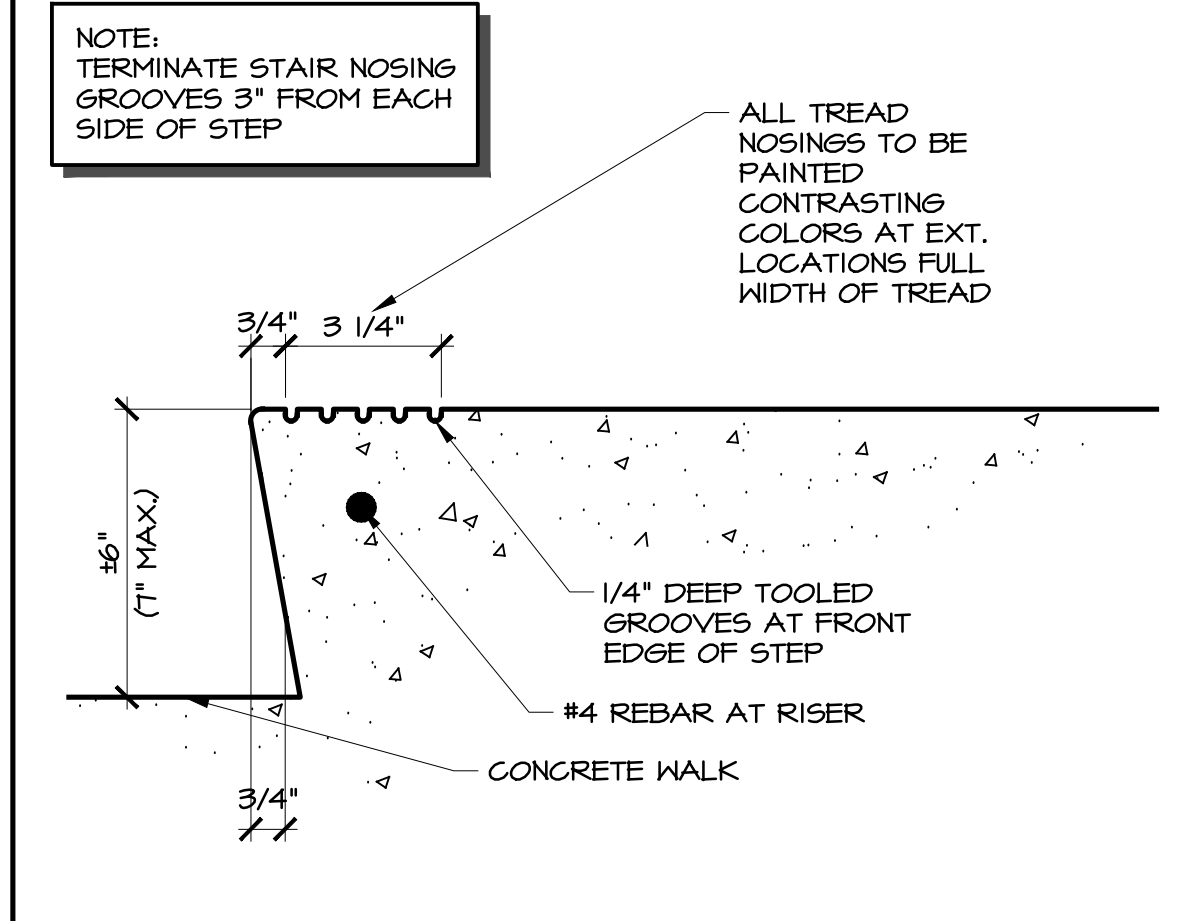
NEW AG BUILDING CANOPY FOR:
KINGSBURG HIGH SCHOOL
1900 18th AVENUE
KINGSBURG, CA 93631
PLANS & EXTERIOR ELEVATIONS
DSA PROJECT NO 02-118435

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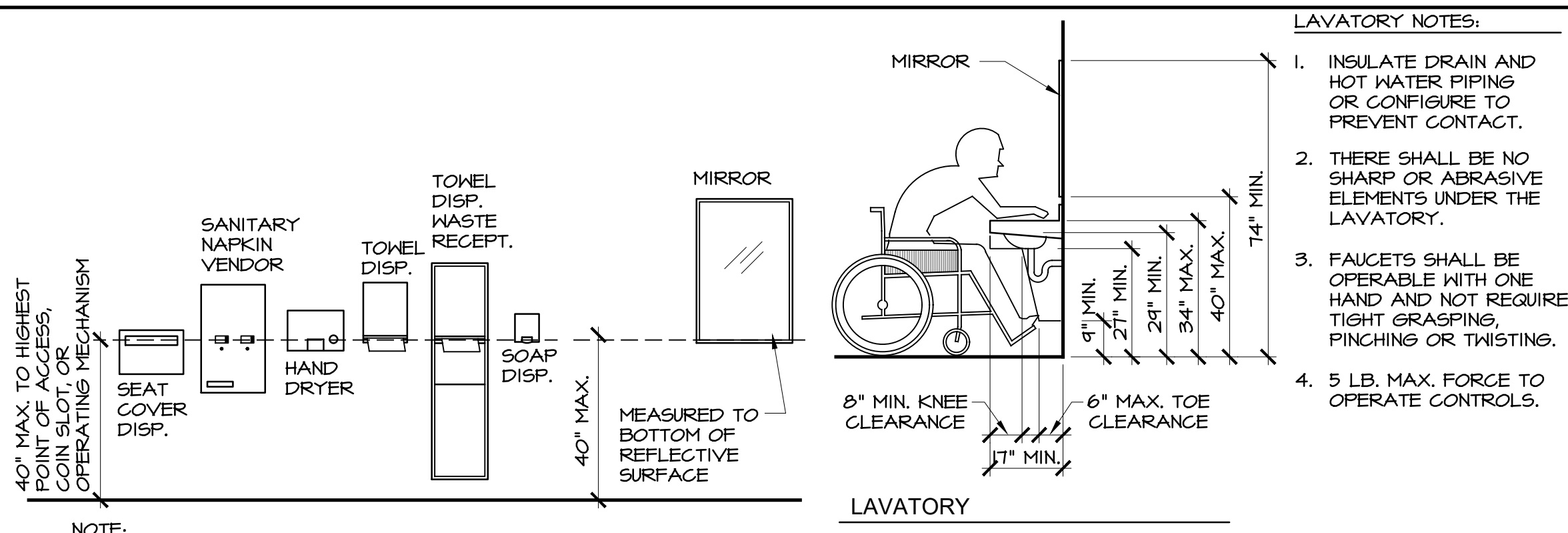
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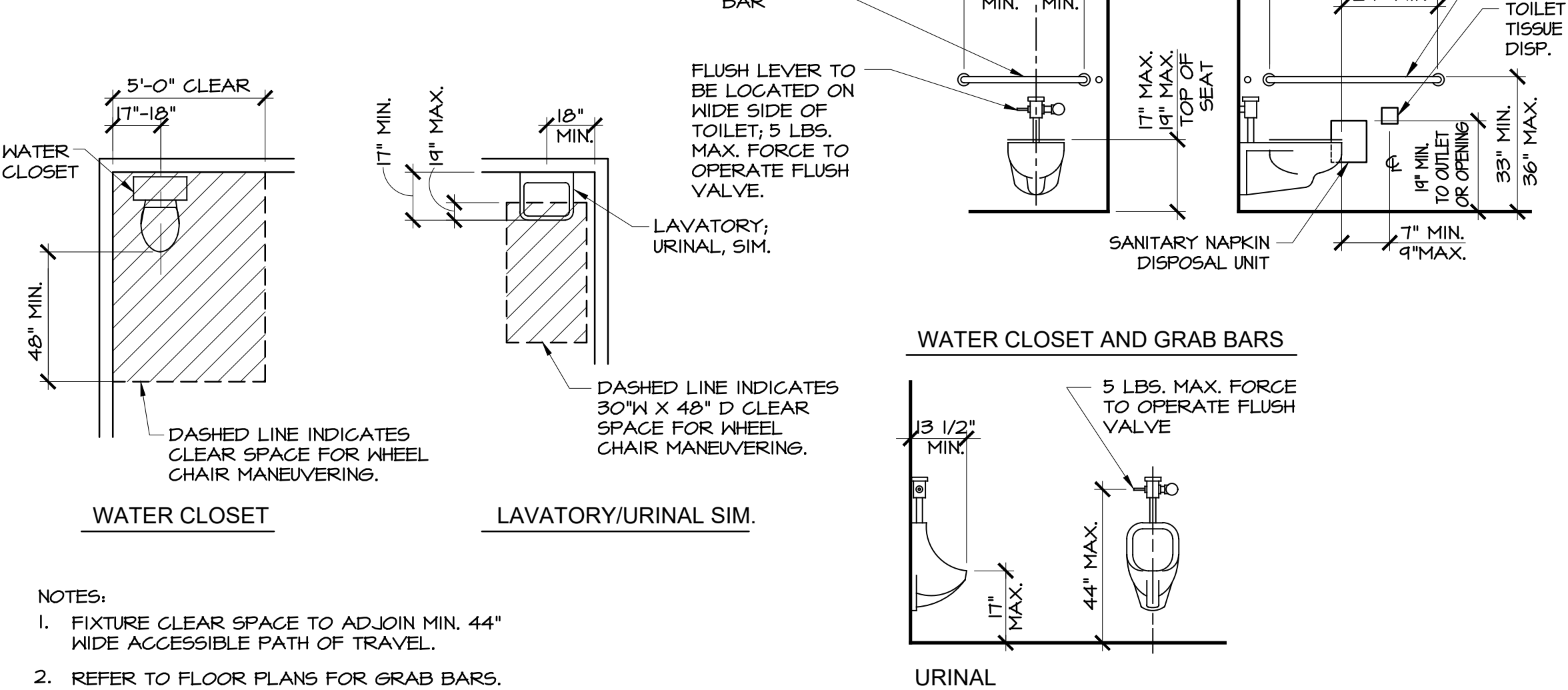
TYP. HANDRAIL @ STAIRS 3/4"=1'-0" 17



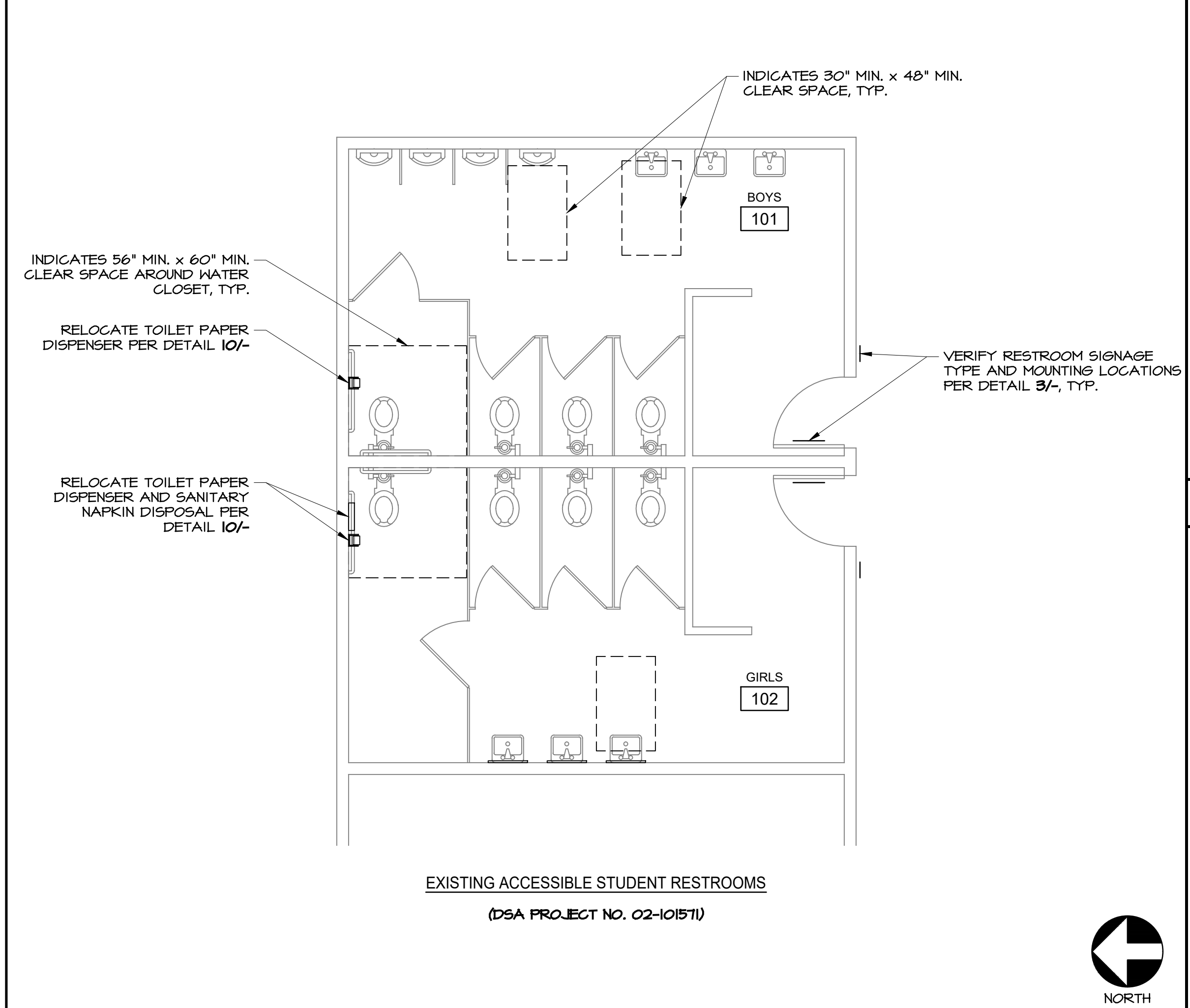
GROOVES @ CONCRETE STEP N.T.S. 18



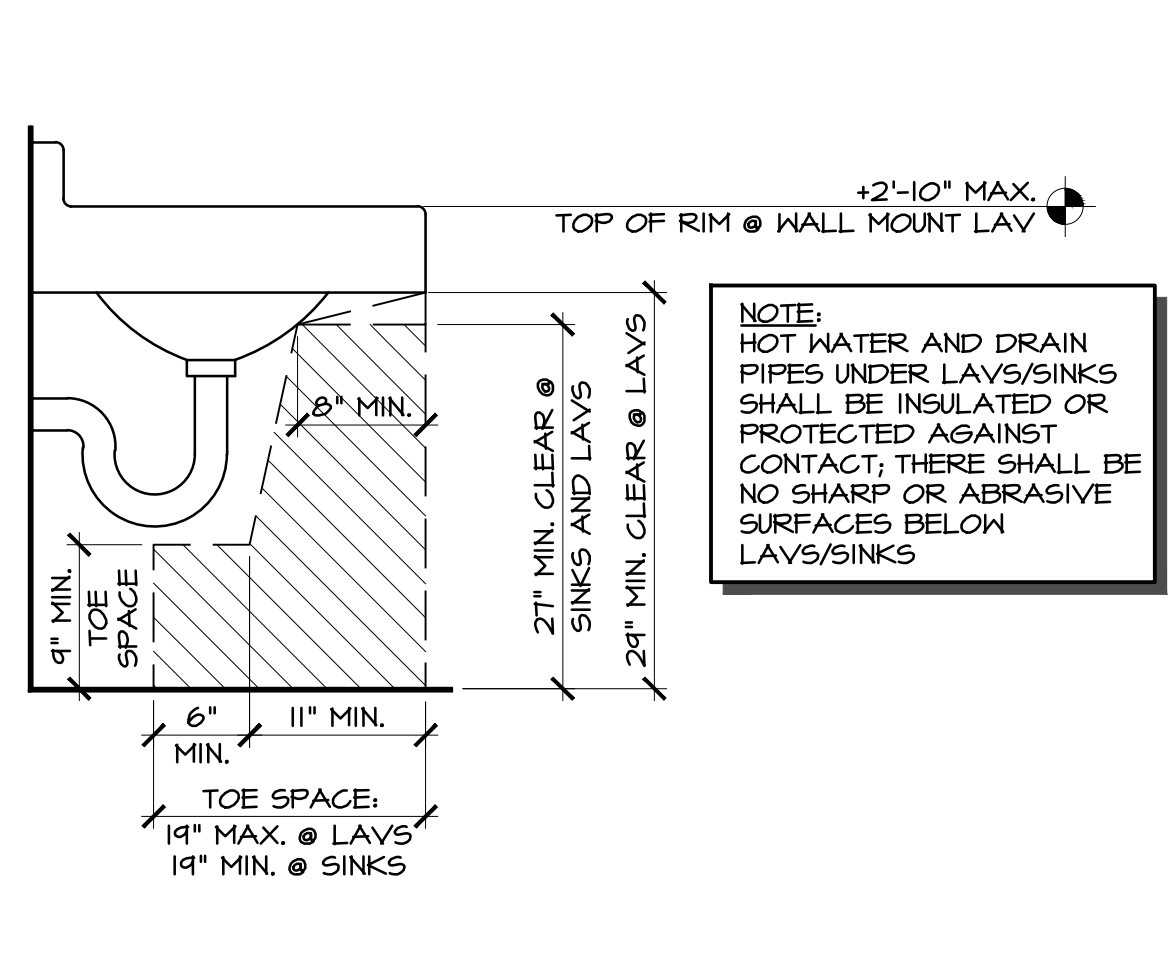
LAVATORY NOTES:
1. INSULATE DRAIN AND HOT WATER PIPING OR CONFIGURE TO PREVENT CONTACT.
2. THERE SHALL BE NO SHARP OR ABRASIVE ELEMENTS UNDER THE LAVATORY.
3. FAUCETS SHALL BE OPERABLE WITH ONE HAND AND NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING.
4. 5 LB. MAX. FORCE TO OPERATE CONTROLS.



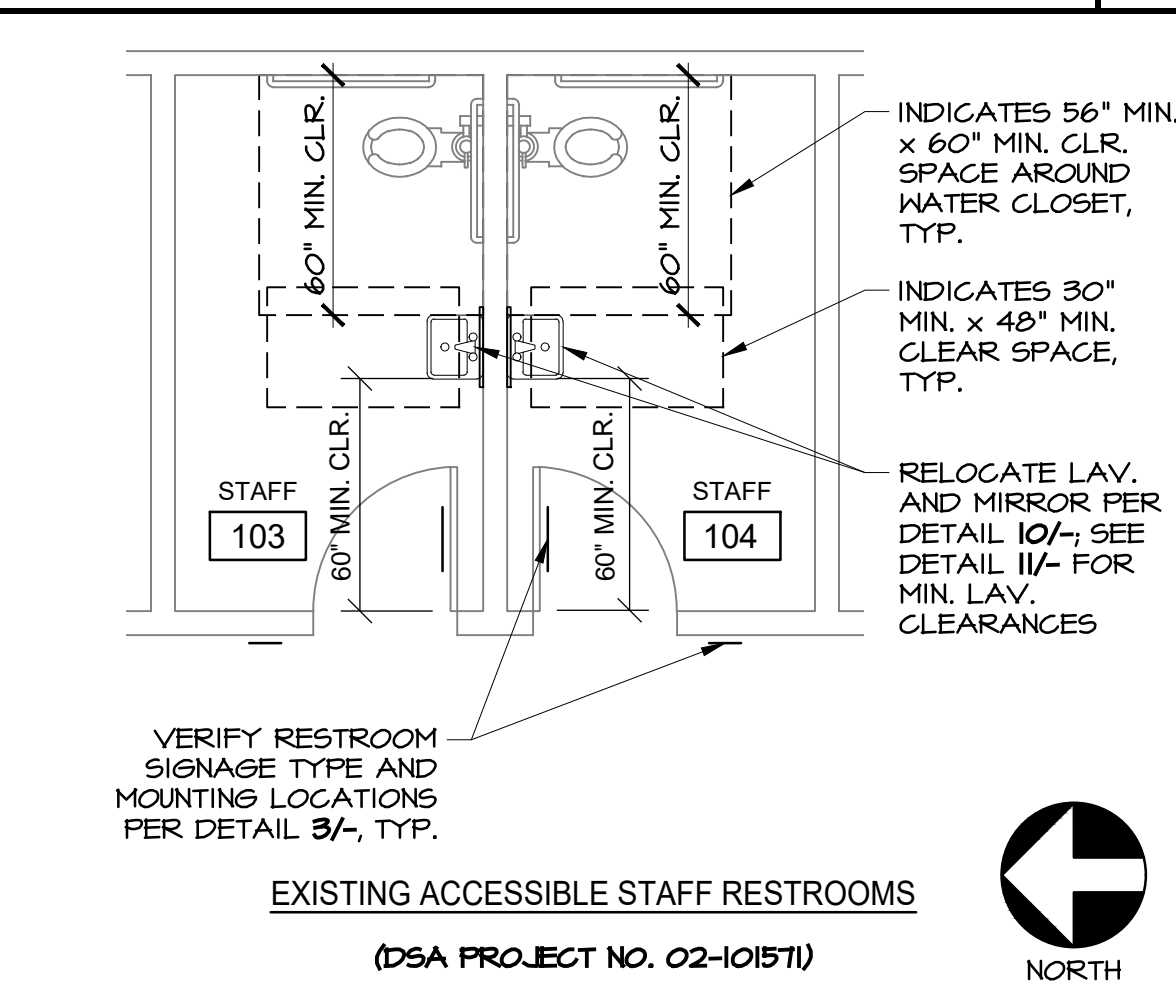
TYPICAL ACCESSIBLE FIXTURE CLEARANCES & MOUNTING HEIGHTS N.T.S. 10



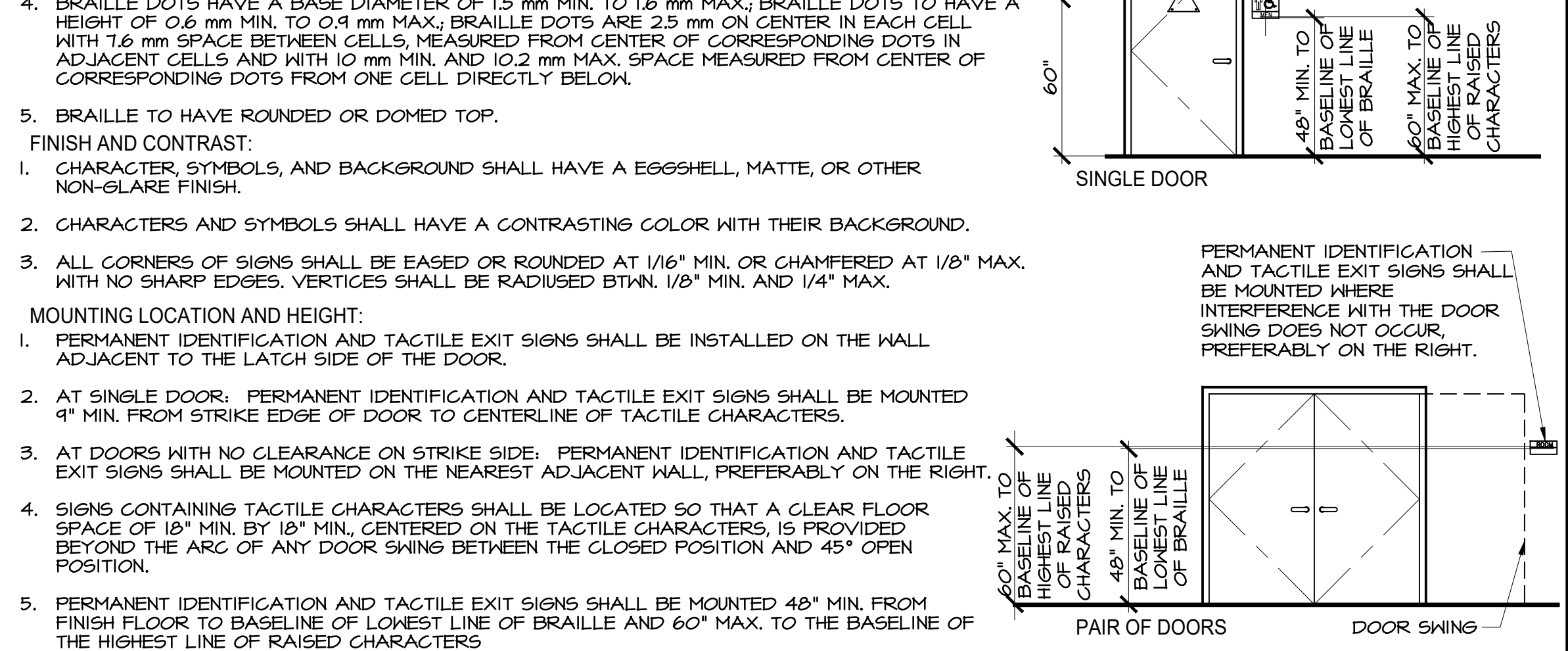
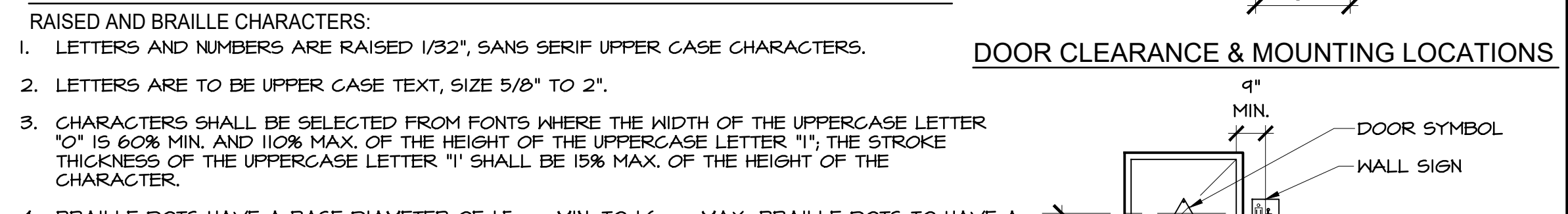
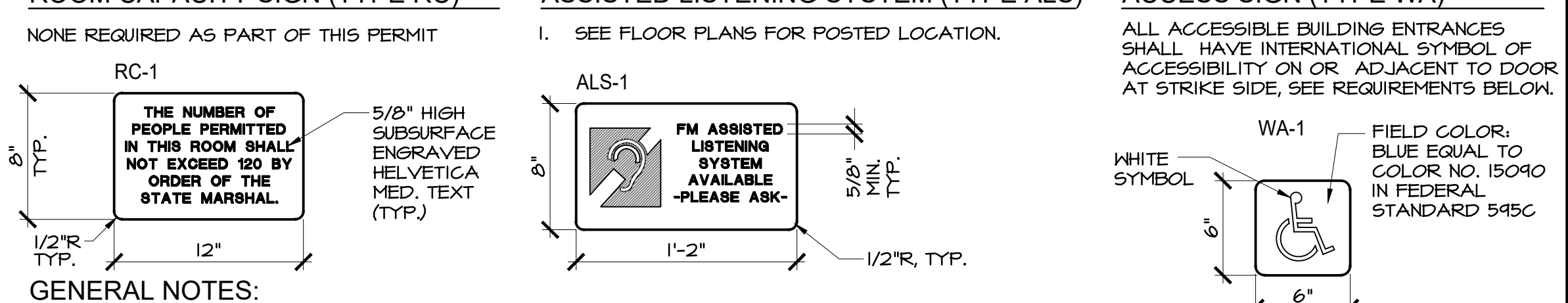
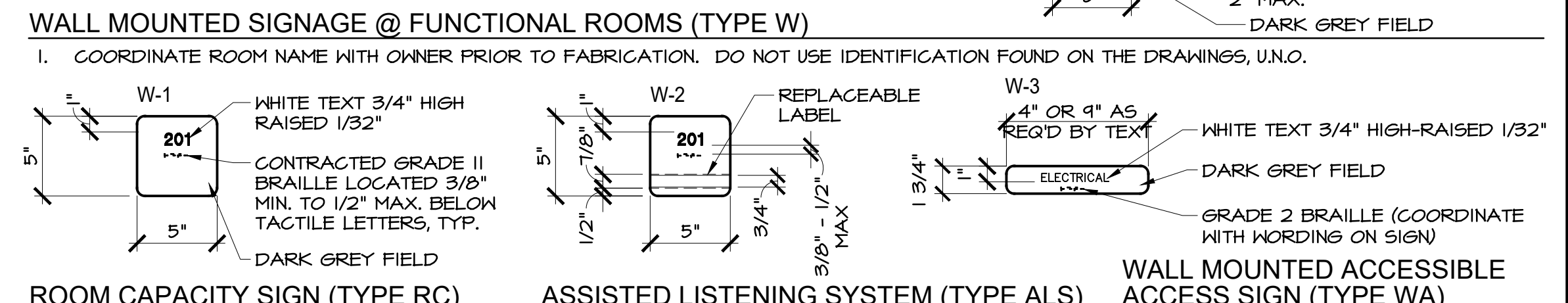
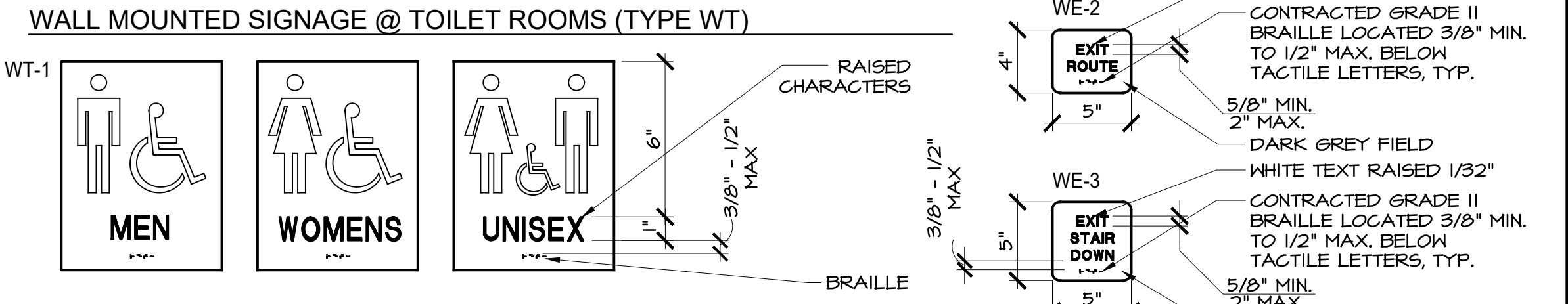
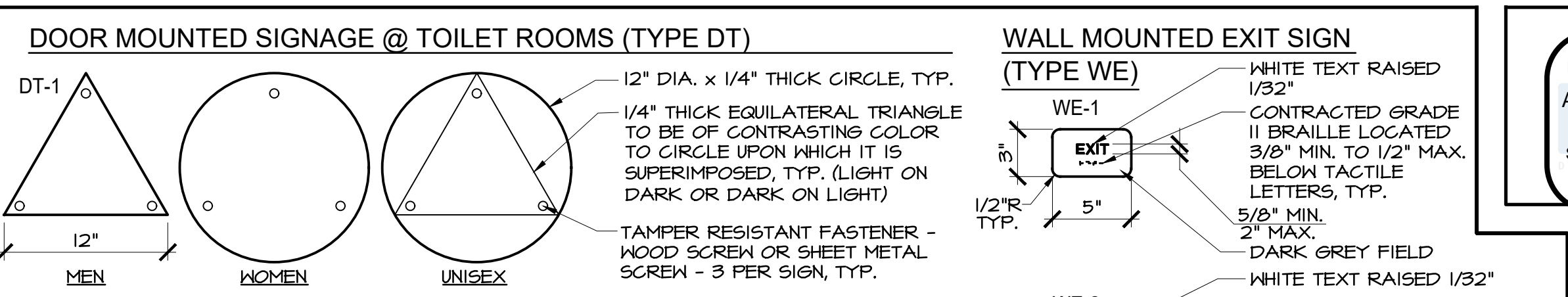
ENLARGED RESTROOM PLAN 1/4"=1'-0" 16



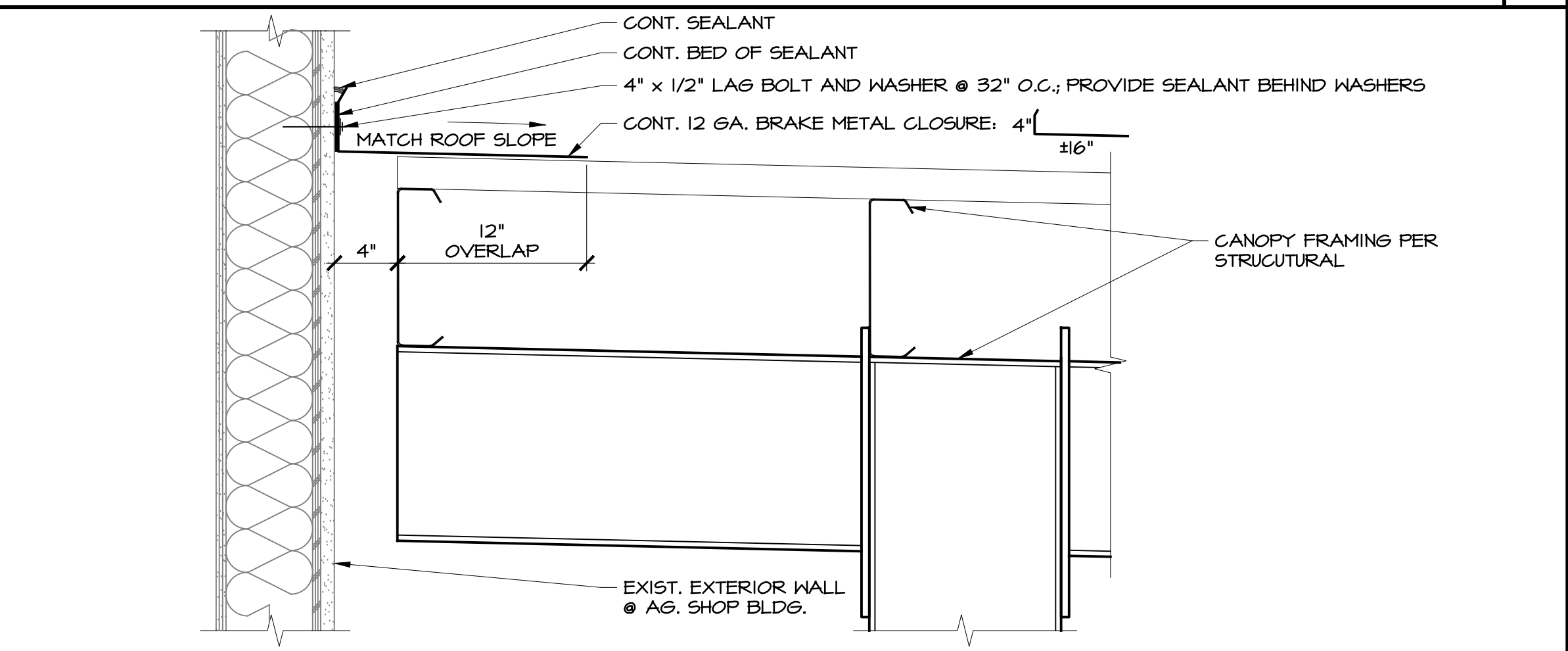
MIN. LAVATORY CLEARANCES N.T.S. 11



ENLARGED RESTROOM PLAN 1/4"=1'-0" 12



DOOR CLEARANCE & MOUNTING LOCATIONS N.T.S. 3



FLASHING @ EXIST. AG SHOP BLDG. 1/2"=1'-0" 4

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KINGSBURG, CA 93631

MISCELLANEOUS DETAILS

DSA PROJECT NO 02-118435

PROJECT NO.
17-029.02

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SPECIAL INSPECTION REQUIREMENTS

STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD ¹
I. MATERIAL VERIFICATION			
a. VERIFY THAT ALL MATERIALS ARE APPROPRIATELY MARKED AND THAT MILL CERTIFICATES INDICATE MATERIAL PROPERTIES THAT COMPLY WITH REQUIREMENTS.	-	X	AISC 360 CH. N (TYP.)
2. INSPECTION OF WELDING:			
a. VERIFY WELD FILLER MATERIAL MANUFACTURER'S CERTIFICATE OF COMPLIANCE	-	X	-
b. INSPECT GROOVE, MULTI-PASS FILLET WELDS > 5/16", PLUS 4 SLOT WELDS	X	-	-
c. INSPECT SINGLE-PASS FILLET WELDS ≤ 5/16"	-	X	-

SPECIAL STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD ¹
I. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:			
a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	-	X	APPLICABLE ASTM MATERIAL STANDARDS
b. MANUFACTURER'S CERTIFIED TEST REPORTS.	-	X	-

CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD ¹
I. INSPECTION OF REINFORCING STEEL PLACEMENT.			
2. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	-	X	ACI 318-14, 17.8.2
3. VERIFYING USE OF REQUIRED DESIGN MIX.	-	X	ACI 318-14, Ch. 19, 26.4.3, 26.4.4
4. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, AND PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C 172 ASTM C 31 ACI 318-14, 26.4.3, 26.4.4
5. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318-14, 26.5
6. VERIFICATION OF IN-SITU CONCRETE STRENGTH PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318-14, 26.11.2

SOIL PREPARATION

VERIFICATION AND INSPECTION	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	-	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X

STRUCTURAL STEEL

- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING CODES AND STANDARDS:
 - "MANUAL OF STEEL CONSTRUCTION" FIFTEENTH EDITION, 2016, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (INCLUDING SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A440 BOLTS, AND AISC CODE OF STANDARD PRACTICE)
 - "HOLLOW STRUCTURAL SECTIONS CONNECTIONS MANUAL", AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
 - "DETAILING FOR STEEL CONSTRUCTION", AMERICAN INSTITUTE OF STEEL CONSTRUCTION.

CHANNELS, ANGLES AND PLATES:	ASTM A36
WIDE FLANGE SHAPES:	ASTM A992 (GR. 50) OR ASTM A572 (GR. 50)
ALL OTHER SHAPES:	ASTM A36
- ALL UNFINISHED NUTS AND BOLTS (M.B.) SHALL BE ASTM A307 U.N.O.
- WHERE HIGH STRENGTH STEEL BOLTS (H.S.B.) ARE INDICATED, ASSEMBLY SHALL COMPLY WITH THE SPECIFICATIONS FOR STRUCTURAL JOINTS AS ENDORSED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) AS FOLLOWS:
 - ASTM A325-N, ASSEMBLY SHALL COMPLY WITH REQUIREMENTS FOR "BEARINGS" TYPE CONNECTIONS WITH THREADS INCLUDED IN THE SHEAR PLANE.
 - ASTM A325-SC, ASSEMBLY SHALL COMPLY WITH REQUIREMENTS FOR SLIP CRITICAL OR "FRICTION" TYPE CONNECTIONS. INSTALLATION SHALL FOLLOW EITHER "CALIBRATED WRENCH METHOD" OR "DIRECT TENSION INDICATOR". FATIGUE SURFACE CONDITIONS MUST MEET AISC SPECIFICATIONS.
- ANCHOR RODS:
 - ANCHOR RODS INCLUDE HOOKED, HEADED AND THREADED AND NUTTED ANCHORS. THE TERMS ANCHOR BOLT AND ANCHOR ROD ARE USED SYNONYMOSLY THROUGHOUT THESE DOCUMENTS. ALL ANCHOR ROD MATERIAL SHALL BE PER ASTM F1554 GRADE 55-WELDABLE (GRADE 36). A307 ANCHOR RODS MAY BE SUBSTITUTED FOR ASTM F1554 GRADE 36 AT CONTRACTOR'S OPTION. ALL ANCHOR RODS SHALL BE INSTALLED WITH STEEL WASHERS AT SHORT SLOTTED HOLES USING SNUG TIGHT INSTALLATION, UNLESS NOTED OTHERWISE.
 - ANCHOR MECHANISM SHALL CONSIST OF DOUBLE NUTS WITH A 3" SQ. x 1/2" WASHER BETWEEN U.N.O. TACK WELD WASHER AND NUTS IN PLACE.
 - WHERE ANCHORS ARE GALVANIZED, ENTIRE ASSEMBLY SHALL BE GALVANIZED WITH THE SAME PROCESS.
 - HEADED ANCHORS MAY BE SUBSTITUTED FOR CONVENTIONAL ANCHORS (REVERSE SUBSTITUTION NOT ALLOWED).
- ALL BOLT HOLES IN STEEL SHALL BE PUNCHED OR DRILLED. NO TORCHING OF HOLES ALLOWED. HOLES SHALL BE 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER, U.N.O.
- WELDING:
 - ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS USING THE SHIELDED ARC PROCESS AND IN ACCORDANCE WITH AWS STANDARDS. JOINT DETAILS SHALL COMPLY WITH AWS REQUIREMENTS FOR JOINTS ACCEPTED WITHOUT QUALIFICATION TESTS.
 - ALL WELDS SHALL BE UNIFORM IN SIZE AND APPEARANCE, AND FREE OF PINHOLS, POROSITY, UNDERCUTTING OR OTHER DEFECTS. ALL BUTT WELDS SHALL BE FULL PENETRATION.
 - NO WELDING PERMITTED ON MEMBERS SUPPORTING LOADS.
 - WELD METAL SHALL HAVE A NOMINAL TENSILE STRENGTH OF 70,000 PSI MINIMUM.
 - ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE RESISTING SYSTEM SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT MINUS 20° F. AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION. SEE ELEVATION DRAWINGS FOR LOCATIONS OF THE LATERAL FORCE RESISTING SYSTEM.
 - ALL STEEL SHALL BE THOROUGHLY CLEANED, REMOVING ALL LOOSE MILL SCALE, GREASE, DIRT AND FOREIGN MATTER BY SCRAPING OR SANDBLASTING.
 - ALL STEEL TO BE GREY PRIMER COLOR. DO NOT SHOP PAINT MEMBERS OR PORTIONS OF MEMBERS TO BE EMBEDDED IN CONCRETE OR MORTAR. PAINT EMBEDDED STEEL WHICH IS PARTIALLY EXPOSED ON EXPOSED PORTIONS AND INITIAL TWO INCHES OF EMBEDDED PORTIONS ONLY. DO NOT PAINT SURFACES WHICH ARE TO BE WELDED INCLUDING TOP FLANGES OF MEMBERS SUPPORTING STEEL DECKING WHICH ARE TO BE WELDED. FINAL PAINT AND COLOR FOR EXPOSED STEEL SHALL BE PER OWNER'S SPECIFICATION.

CONCRETE MATERIALS SPECIFICATION

- ALL CONCRETE CONSTRUCTION AND DESIGN SHALL BE IN COMPLIANCE WITH THE FOLLOWING CODES AND IN THE FOLLOWING ORDER OF PRECEDENCE:
 - 2019 CALIFORNIA BUILDING CODE W/ DSA AMENDMENTS
 - ACI 318-14
 - ACI 301-16
- CEMENT SHALL BE TYPE II UNLESS WRITTEN CONSENT GIVEN BY THE ENGINEER PRIOR TO THE CONCRETE MIX DESIGN.
- CONCRETE SHALL HAVE THE FOLLOWING MATERIAL PROPERTIES:

USE/LOCATION	f'c (psi)	SLUMP (in)	w/c RATIO	MAX AGG. SIZE
FOUNDATION	3,000	4	0.48	1"

 - AGGREGATE SHALL COMPLY WITH ASTM C33 FOR HARD ROCK (H.R.).
 - FLYASH MAY BE USED TO REPLACE A PORTION OF THE PORTLAND CEMENT. THE RATED OF FLYASH TO THE TOTAL OF THE FLYASH AND CEMENT IN A MIX SHALL NOT EXCEED 20%. FLYASH SHALL CONFORM TO ASTM C618, TYPE C OR F.
- ADMIXTURES USED IN THE MIX DESIGN SHALL RECEIVE THE PRIOR APPROVAL OF THE ENGINEER.
- CONCRETE REINFORCING BARS SHALL MEET THE FOLLOWING REQUIREMENTS:
 - STANDARD- ASTM A615
 - TYPE- GRADE 60
 - BENDING- COLD BENT
- SPLICES IN REINFORCING STEEL SHALL BE LAPPED ACCORDING TO 24 U.N.O.

TO 24 U.N.O.	300
--------------	-----
- DIMENSIONS OF ALL REINFORCEMENT BENDS AND HOOKS SHALL BE IN ACCORDANCE WITH 44 AND 44 U.N.O.

44	300
44	300
- PARALLEL BARS SHALL BE SEPARATED BY THE GREATER OF 1/2 DIAMETERS OR 1". BARS INDICATED AS CONTINUOUS MAY BE FABRICATED IN CONVENIENT LENGTHS IF LAP SPLICES ARE STAGGERED A MINIMUM OF 24".
- MINIMUM CONCRETE COVER FOR STEEL REINFORCEMENT SHALL BE AS FOLLOWS:

CAST AGAINST EARTH (EXCEPT SLABS ON GRADE)	3"
SLABS ON GRADE	1 1/2"
EXPOSED TO EARTH OR WEATHER	1 1/2"
#5 BARS AND SMALLER	1 1/2"
#6 BARS AND LARGER	2"
NOT EXPOSED OR IN CONTACT WITH GROUND SLABS, WALLS, OR FRAMING	3/4"
#11 BARS AND SMALLER	1 1/2"
#14 AND #18 BARS	1 1/2"
- ALL REINFORCING STEEL, ANCHOR RODS, AND DOWELS SHALL BE FIRMLY SECURED IN THEIR CORRECT POSITION PRIOR TO THE POURING OF CONCRETE.
- ANCHOR RODS SHALL HAVE HEAVY HEX HEADS AND SHALL CONFORM TO ASTM F1554 GRADE 36, U.N.O.
- ALL MOLDS, FILLETS, GROOVES, ETC. SHOWN ON THE DRAWINGS SHALL BE PROVIDED FOR IN THE FORM WORK PRIOR TO THE PLACEMENT OF CONCRETE.
- CONCRETE SHALL BE BATCHED AND DELIVERED IN ACCORDANCE WITH ASTM C94. WATER SHALL NOT BE ADDED TO CONCRETE DURING EITHER DELIVERY OR PLACEMENT.
 - WATER IS PERMITTED TO BE ADDED TO CONCRETE BATCH AT PROJECT SITE PRIOR TO PLACEMENT OF BATCH PROVIDED THAT THE AMOUNT ADDED DOES NOT EXCEED THE AMOUNT ALLOWED ON THE DELIVERY TICKET.
- ALL FOUNDATION ANCHORAGE SHALL BE WET SET. EPOXY ANCHORAGE IS NOT PERMITTED.

SOILS AND FOUNDATION NOTES

- NOMINAL TOP OF FLOOR SLAB ELEVATION = DATUM 0'-0" UNLESS OTHERWISE NOTED.
- ALLOWABLE SOIL BEARING PRESSURES ARE PER SOILS REPORT BY KRAZIAN & ASSOCIATES PROJECT NO. 012-20093, DATED JUNE 29, 2020. SOIL PARAMETERS:

ALLOWABLE PASSIVE PRESSURE	350 PCF
ALLOWABLE COEFFICIENT OF FRICTION	0.40
ALLOWABLE BEARING PRESSURE:	
DEAD LOAD ONLY	1,875 PSF
DEAD-PLUS-LIVE LOAD	2,500 PSF
TOTAL LOAD INCLUDING WIND & SEISMIC	3,325 PSF
- ALL SOIL OVER-EXCAVATION, SCARIFICATION, ENGINEERED FILL, COMPACTION, & INSPECTION SHALL BE PREPARED IN ACCORDANCE WITH THE SOILS REPORT LISTED ABOVE.
- EXCAVATION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION PROCEDURES AND FOR PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES.

COLD-FORMED STEEL

- COLD-FORMED METAL FRAMING SHALL CONFORM TO "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", AISI 2016 EDITION.
- ALL PURLINS, GIRTS, AND ACCESSORIES SHALL MEET THE MINIMUM REQUIREMENTS OF ASTM A653 AND SHALL HAVE A G60 COATING U.N.O.
- STEEL YIELD STRENGTH SHALL BE AS FOLLOWING:
 - 50 KSI FOR 16 GAGE (-54 MIL SPEC.) AND THICKER
 - 33 KSI FOR 18 GAGE (-43 MIL SPEC.) AND THINNER
- PURLIN & GIRT FLANGES SHALL NOT BE CUT OR NOTCHED WITHOUT ENGINEER'S PRIOR APPROVAL.
- SCREWS SHALL BE SELF-DRILLING TAPPING SCREWS, #8 MINIMUM U.N.O. A MINIMUM OF TWO SCREWS SHALL BE USED TO CONNECT ALL MEMBER TO MEMBER CONNECTIONS.
- WELDING OF ALL COLD-FORMED STEEL SHALL COMPLY WITH AWS D1.3. ALL WELDS OF GALVANIZED STEEL SHALL BE PAINTED WITH ZINC-RICH PAINT.

GENERAL STRUCTURAL

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2019 CALIFORNIA BUILDING CODE (CBC) W/ DSA AMENDMENTS AND ALL OTHER REFERENCE DOCUMENTS AND STANDARDS LISTED THEREIN.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, MEASUREMENTS, LINES, GRADES, LOCATIONS AND DETAILS OF EXISTING FIELD CONDITIONS PRIOR TO STARTING CONSTRUCTION, ERECTION OR SHOP DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR INCONSISTENCIES.
- WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDA.
- ANY ENGINEERING DESIGN, PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW, SHALL BEAR THE SEAL OF A REGISTERED ENGINEER RECOGNIZED BY THE BUILDING CODE JURISDICTION OF THIS PROJECT.
- PRODUCT INSTALLATION BY CONTRACTOR SHALL BE PERFORMED IN ACCORDANCE WITH ALL REFERENCED ICG-ES REPORTS. ALTERNATE PRODUCTS AND ASSOCIATED ICG-ES REPORTS MAY BE SUBMITTED BY CONTRACTOR FOR REVIEW AND ACCEPTANCE BY ENGINEER OF RECORD.
- CONTRACTOR SHALL ENSURE THAT ALL WORK CONFORM TO THE LATEST APPLICABLE CONSTRUCTION SAFETY REQUIREMENTS OF O.S.H.A. AND ANY OTHER GOVERNMENTAL AGENCY HAVING JURISDICTION IN THE AREA OF THE WORK.
 - ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE BEST STANDARDS AND PRACTICES OF THE TRADE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES.
 - THE TERM 'CONTRACTOR' AS USED HEREIN AND ON THE DRAWINGS SHALL ALSO BE APPLICABLE TO EACH SUBCONTRACTOR AS REQUIREMENTS PERTAIN TO HIS TRADE.
- DO NOT SCALE DRAWINGS. LARGE SCALE DETAILS HAVE PRIORITY OVER THOSE AT SMALLER SCALE.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAIL, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.
- TYPICAL DETAILS MAY NOT NECESSARILY BE CUT ON PLANS, BUT APPLY UNLESS NOTED OTHERWISE.
- THE CONTRACT STRUCTURAL DRAWINGS AND NOTES REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO BRACINGS, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE THE ABOVE ITEMS.
- CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FLOORS OR ROOF. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.
- SHORING AND BRACING: IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DESIGN AND PROVIDE ADEQUATE SHORING, BRACING AND FORM WORK AS REQUIRED FOR THE CONSTRUCTION OF THE BUILDING. PROVIDE TEMPORARY BRACING AS REQUIRED TO HOLD THE VARIOUS ELEMENTS IN PLACE UNTIL FINAL SUPPORT IS SECURELY ANCHORED.
- OPENINGS, HOLES, ETC. SHALL NOT BE PLACED IN SLABS, DECKS, ROOF FLOOR OR WALL PLANES UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. OBTAIN APPROVAL FROM THE ENGINEER OF RECORD BEFORE PROCEEDING WITH ANY SUCH OPENINGS NOT SHOWN ON STRUCTURAL DRAWINGS.
- LATERALLY BRACE ALL SUSPENDED EQUIPMENT AND CEILINGS IN CONFORMANCE WITH THE BUILDING CODE.
- IT IS THE INTENT OF THESE STRUCTURAL PLANS TO PROVIDE DETAILS NECESSARY TO GUIDE THE GENERAL CONTRACTOR WITH STRUCTURAL ASPECTS OF THE PROJECT ONLY. CIVIL, GRADING, ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND LANDSCAPING FEATURES SHALL BE COORDINATED WITH THE OWNER.
- OPTIONS ARE FOR CONTRACTOR'S CONVENIENCE. IF AN OPTION IS CHOSEN, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CHANGES, APPROVALS AND THE COORDINATION OF THE WORK WITH ALL RELATED TRADES AND SUPPLIERS.

BASIS OF DESIGN

- GRAVITY DESIGN LOADS:

ROOF LIVE LOAD	20 PSF
ROOF DEAD LOAD	8 PSF (INCLUDES 3 PSF COLLATERAL)
- SEISMIC CRITERIA:

RISK CATEGORY	II
IMPORTANCE FACTOR, I _a	1.25
IMPORTANCE FACTOR, I _w	1.0
S _s	0.582
S ₁	0.226
SITE CLASS	D
S _{DS}	0.517
S _{D1}	0.323
SEISMIC DESIGN CATEGORY	D
SEISMIC FORCE RESISTING SYSTEM(S)	STEEL OMF
RESPONSE MODIFICATION FACTOR(S), R	3.5
SYSTEM OVERSTRENGTH FACTOR(S), Ω	3.0
REFLECTION AMPL. FACTOR, C _d	3.0
- WIND CRITERIA:

BASIC WIND SPEED	101 MPH
EXPOSURE CATEGORY	C
IMPORTANCE FACTOR	1.0
ENCLOSURE TYPE	OPEN

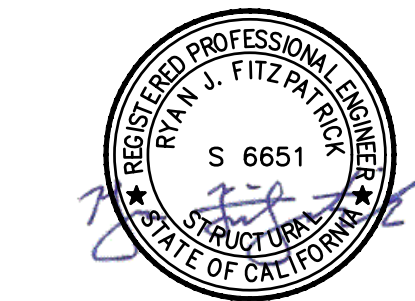
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KINGSBURG, CA 93631
SHEET SPECIFICATIONS

DSA PROJECT NO 02-118435



zeltmacher
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111 S. Court St., Ste. 210, Visalia, CA 93291
contact: 559.553.0337; zeltmacher.com
ZSDE Project No.: 19-129.00

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DETAIL

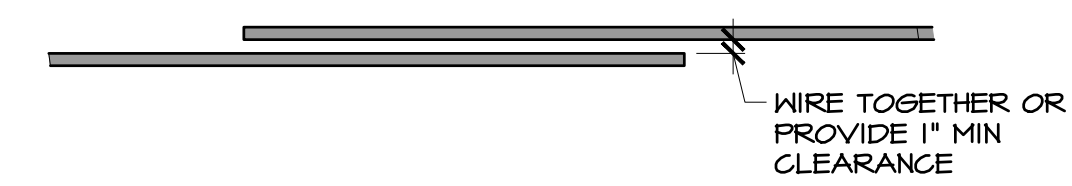
1"=1'-0" 8H

PLOT DATE:

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APP: 02-118435 INC:
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DATE: 10/06/2020

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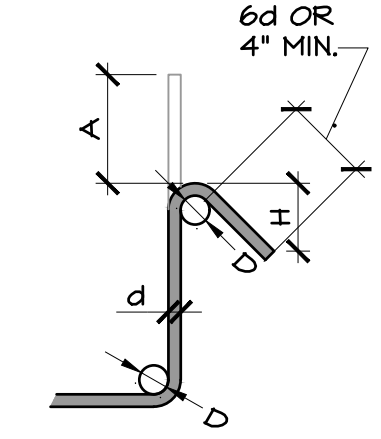
TENSION SPLICE	F _c (psi)	GRADE 60 REINFORCEMENT								
		BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10
CLASS B	3000	TOP BAR	28"	31"	41"	56"	81"	93"	104"	116"
		BTM BAR	22"	24"	36"	43"	63"	72"	81"	84"



- NOTES:
- SPLICE LENGTHS ARE GIVEN FOR BARS WITH A MINIMUM CLEAR COVER OF 1 BAR DIAMETER AND BARS WITH A MINIMUM CLEAR SPACING OF 2 BAR DIAMETERS. FOR ALL OTHER BASES MULTIPLY BY 1.5
 - ADJACENT SPLICES SHALL BE STAGGERED A MINIMUM OF TWICE THE SPLICE LENGTH.
 - TOP BARS ARE HORIZONTAL REINFORCEMENT WITH MORE THAN 12" OF FRESH CONCRETE PLACED BELOW HORIZONTAL REINFORCEMENT.

REIN. BAR SPLICE - CLASS B N.T.S. **2H**

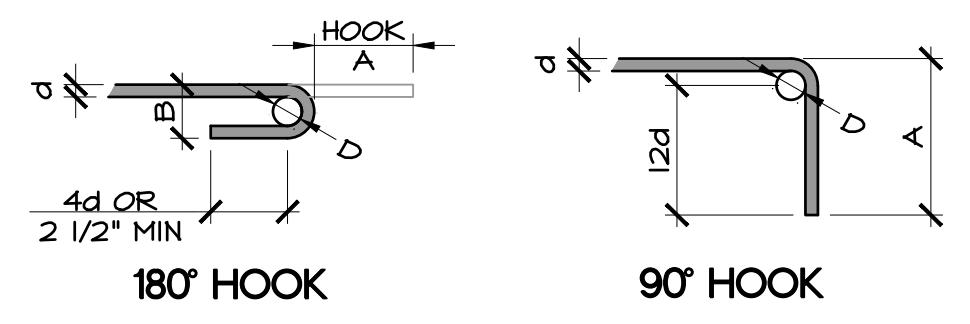
BAR SIZE	D	135° SEISMIC HOOK	
		A	E
#3	1 1/2"	5"	3 3/4"
#4	2"	5 1/2"	4"
#5	2 1/2"	6"	4 1/4"



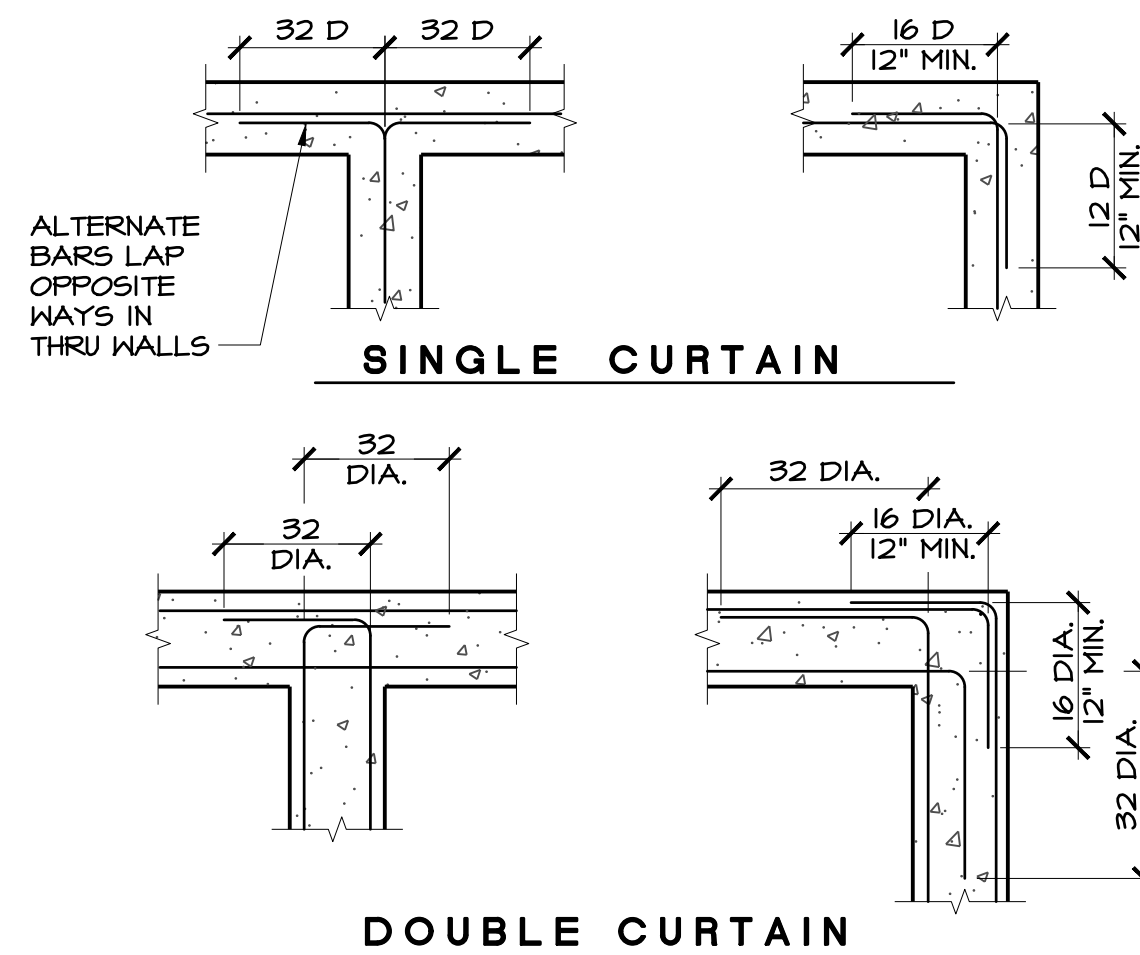
- NOTES:
- 135 DEGREE COLUMN TIE HOOKS MAY NOT BE BENT TO LESS DIAMETER OF COLUMN VERTICAL BAR ENCLOSED IN HOOK.
 - FOR WELDED WIRE FABRIC- INSIDE DIAMETER OF BENDS FOR STIRRUPS AND TIES SHALL BE AT LEAST FOUR WIRE DIAMETERS FOR WIRE LARGER THAN D6 OR W6 AND TWO WIRE DIAMETERS FOR ALL OTHER WIRES. BENDS WITH INSIDE DIAMETER OF LESS THAN 8d SHALL BE LESS THAN FOUR DIAMETERS FROM THE NEAREST WELD INTERSECTION.

STANDARD HOOKS N.T.S. **4H**

BAR SIZE	D	180° HOOK		90° HOOK
		A	B	A
#3	2 1/4"	5"	3"	6"
#4	3"	6"	4"	8"
#5	3 3/4"	7"	5"	10"
#6	4 1/2"	8"	6"	1'-0"
#7	5 1/4"	10"	7"	1'-2"
#8	6"	11"	8"	1'-4"
#9	9 1/2"	1'-3"	1'-0"	1'-5"
#10	10 3/4"	1'-5"	1'-3"	1'-10"

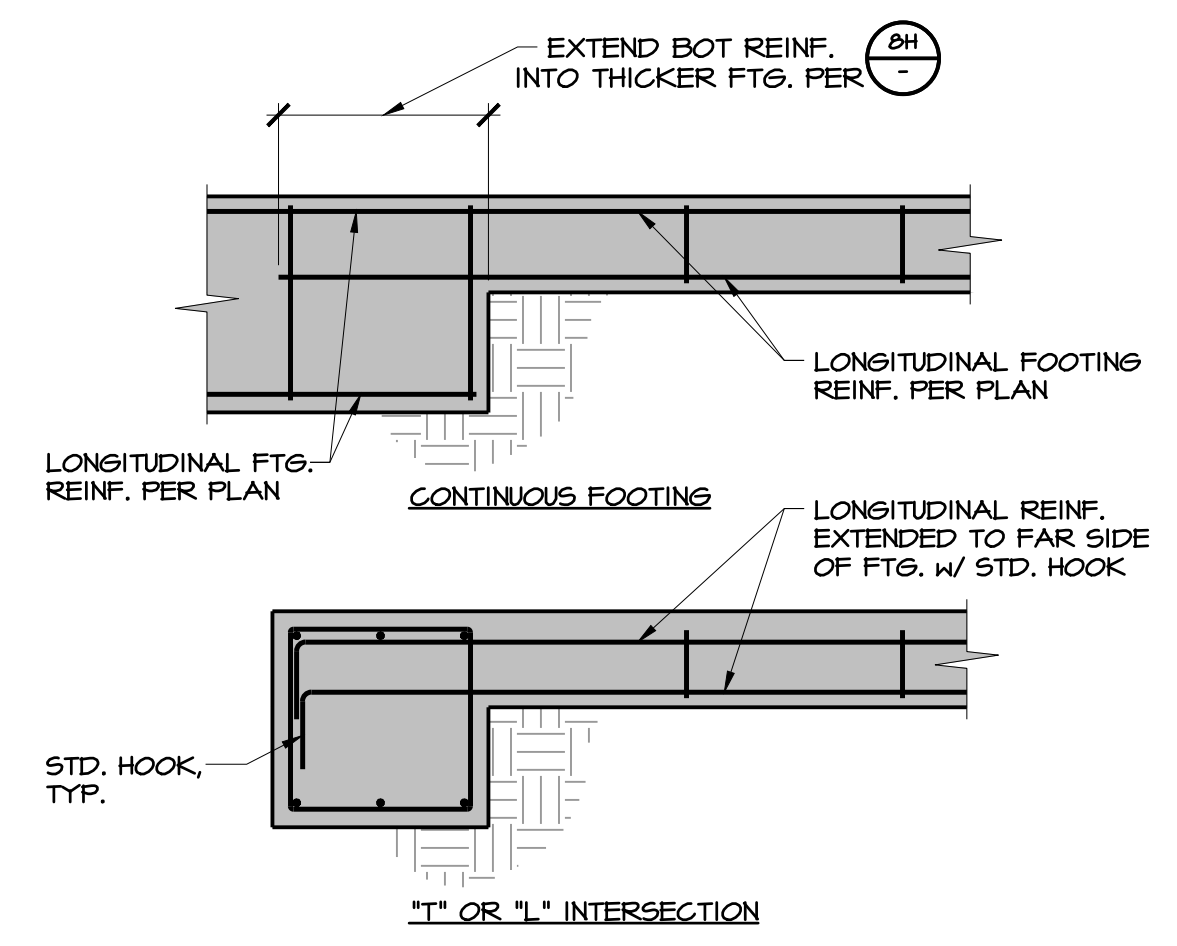


STANDARD HOOKS N.T.S. **6H**

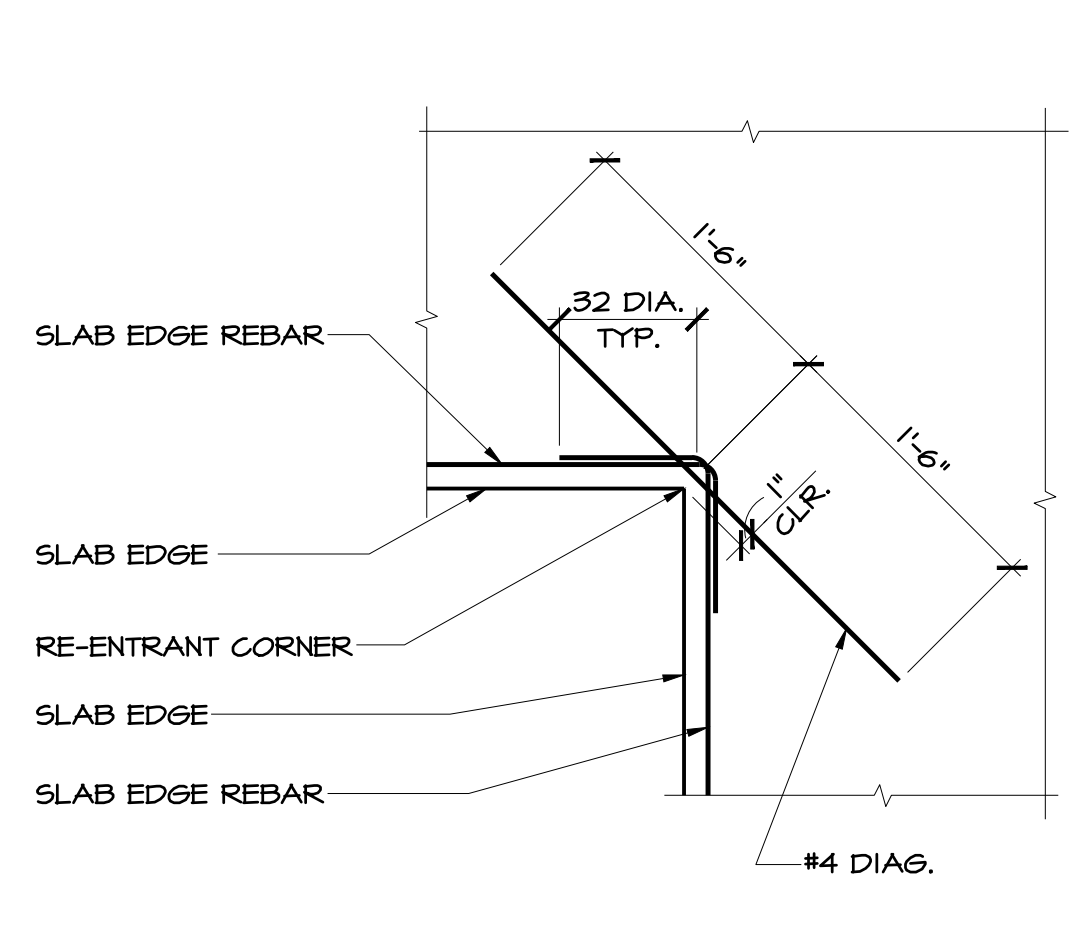


REIN. • FTG. INTERSECT N.T.S. **8H**

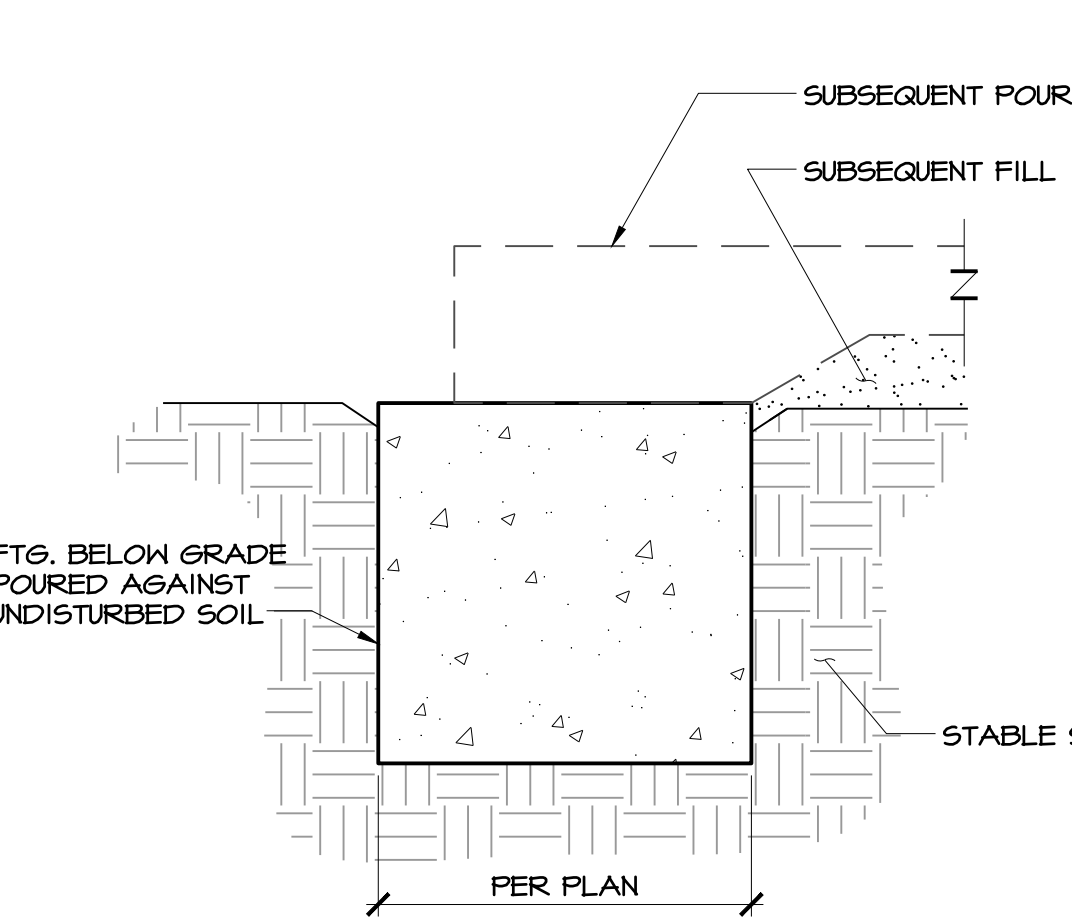
REIN. AT ADJACENT FTG. N.T.S. **4B**



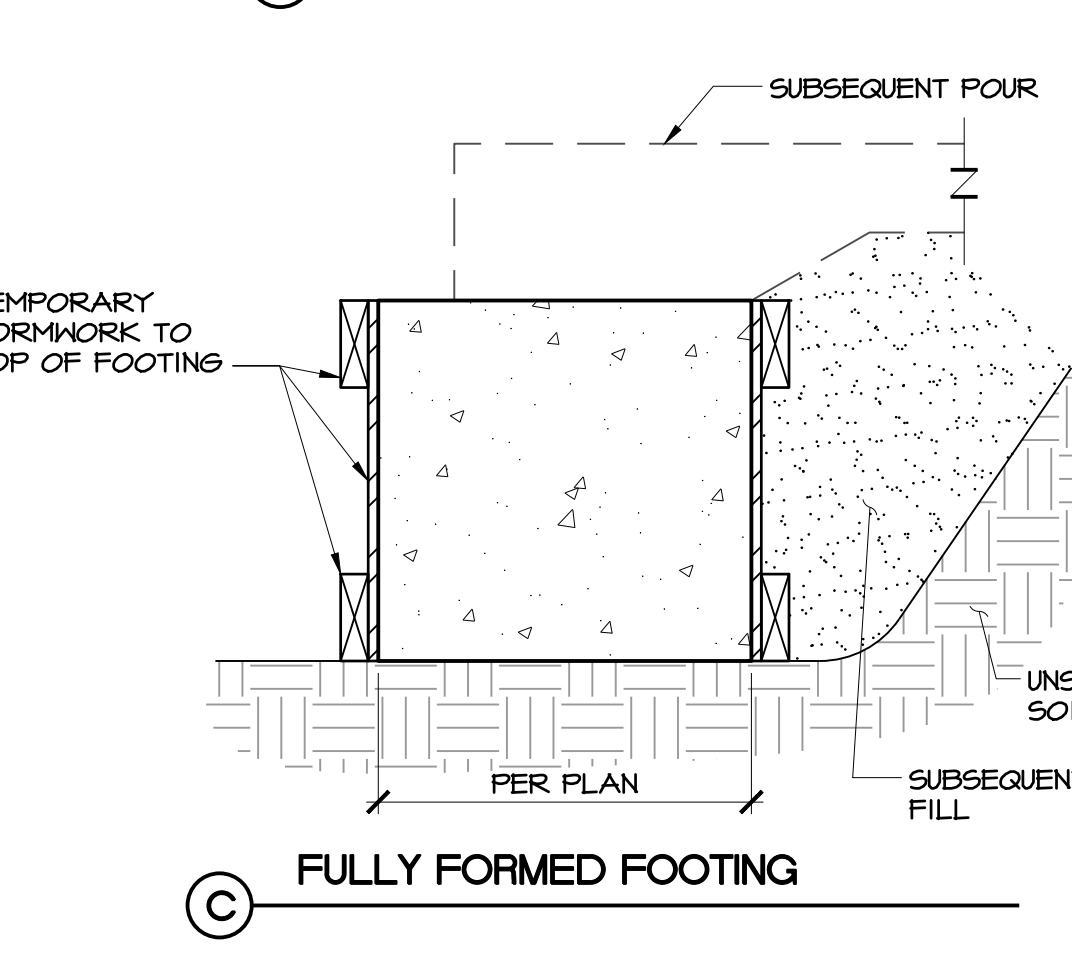
SLAB RE-ENTRANT CORNER N.T.S. **4D**



SLAB RE-ENTRANT CORNER N.T.S. **4F**

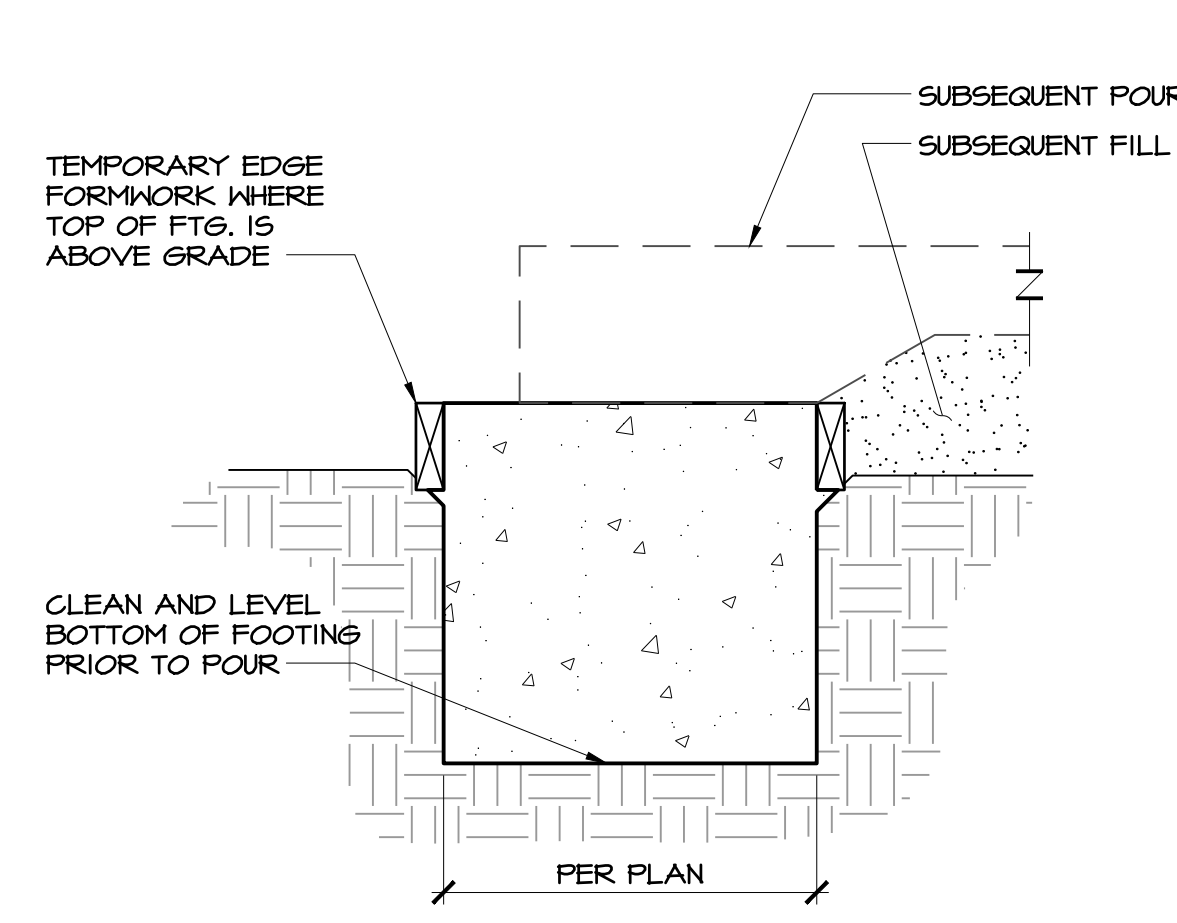


UNFORMED FOOTING N.T.S. **6K**



SLAB RE-ENTRANT CORNER N.T.S. **8F**

TYPICAL FOUNDATION FORMWORK N.T.S. **8B**

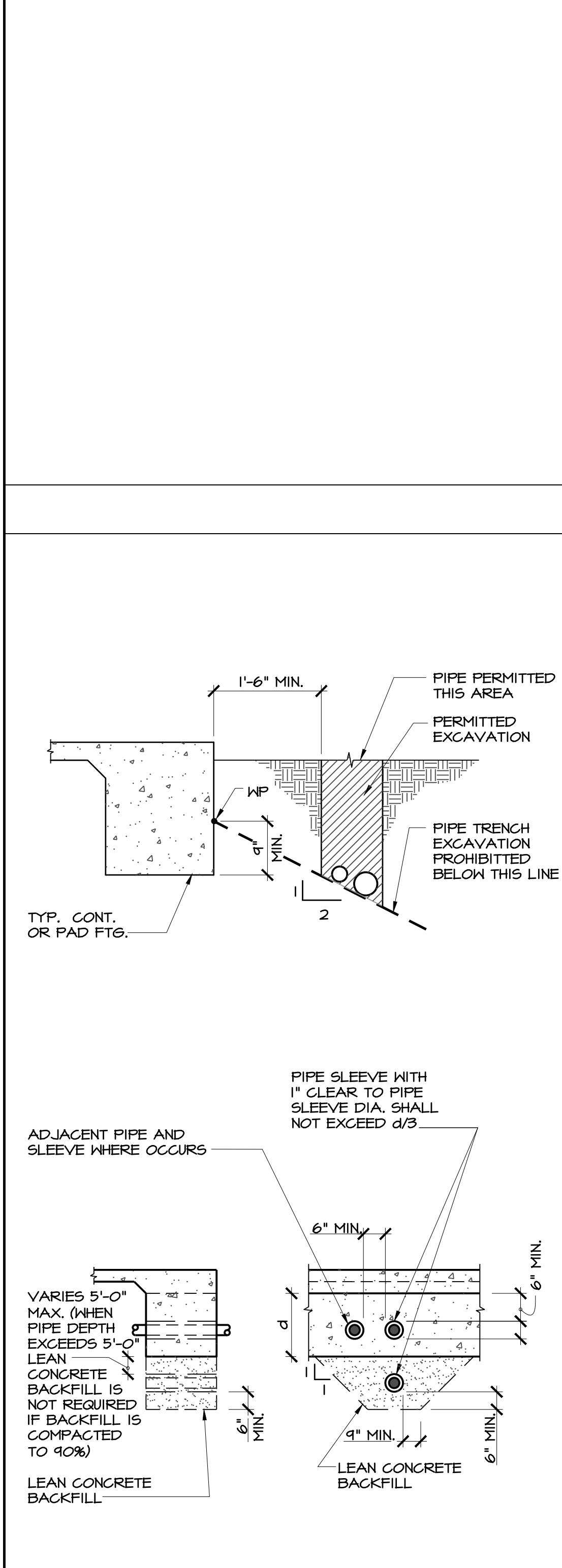


TYPICAL FOUNDATION FORMWORK N.T.S. **8B**

- NOTES:
- ALL FOOTINGS SHALL BE PLACED PER THE TYPICAL REQUIREMENTS OF DETAIL (A).
 - FOOTINGS MAY BE POURED PER DETAIL (B) WHERE SOIL IS CONSIDERED STABLE AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
 - FULLY FORM FOOTING PER DETAIL (C) WHERE SOIL IS CONSIDERED UNSTABLE AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
 - ALL TEMPORARY FORMWORK SHALL BE REMOVED PRIOR TO THE PLACEMENT OF SUBSEQUENT FILL.
 - STAKES ARE NOT PERMITTED INSIDE THE FOOTING.
 - SEE THE SOILS REPORT OF ADDITIONAL REQUIREMENTS.

TYPICAL FOUNDATION FORMWORK N.T.S. **8B**

PIPES ADJACENT TO FOOTING N.T.S. **8B**



PIPES ADJACENT TO FOOTING N.T.S. **8B**

DATE	DESCRIPTION
06/30/20	DSA REVIEW SET
09/17/2020	BACKCHECK SUBMITTAL

NEW AG BUILDING CANOPY FOR:
KINGSBURG HIGH SCHOOL
1900 18th AVENUE
KINGSBURG, CA 93631
TYPICAL DETAIL

DSA PROJECT NO 02-118435

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COLUMN SCHEDULE

SYM.	DESCRIPTION	DETAIL
1	W12x40	SD 5500

FOOTING SCHEDULE

SYM.	DESCRIPTION
F1	1'-0" W x 2'-0" DP CONT. FT'G W/ #5 CONT. TOP & BTM
F2	4'-6" SQ. x 2'-0" DP PAD FT'G W/ (5) #5 @ 8" O.C. EA. WAY TOP & BTM
F3	5'-6" x 4'-6" x 2'-0" DP PAD FT'G W/ #5 @ 8" O.C. EA. WAY TOP & BTM

FOUNDATION NOTES

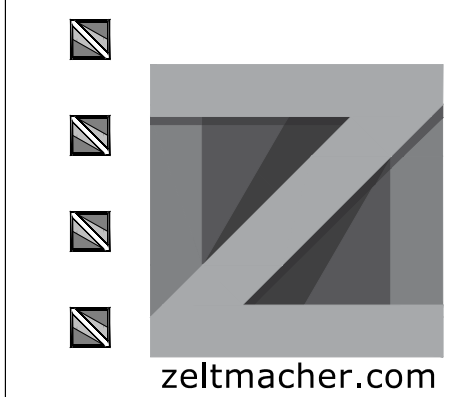
- SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONED FLOOR PLAN AND SEE CIVIL DRAWINGS FOR SLAB PLAN.
- ALL EMBEDDED ITEMS SHALL BE IN PLACE AND SECURE PRIOR TO POURING OF CONCRETE.
- SEE 5000 FOR SHEET SPECIFICATIONS.
- FOR TYPICAL DETAILS SEE SHEETS 5001.

LEGEND

- ① BUILDING GRID
- COLUMN TYPE PER SCHEDULE
- TOP OF FOOTING TYPE PER SCHEDULE
- ELEVATION REFERENCED FROM TOP OF EXISTING SLAB
- CONCRETE FOOTING
- H BUILDING COLUMN PER SCHEDULE

LEGEND, SCHEDULES, + NOTES

6K



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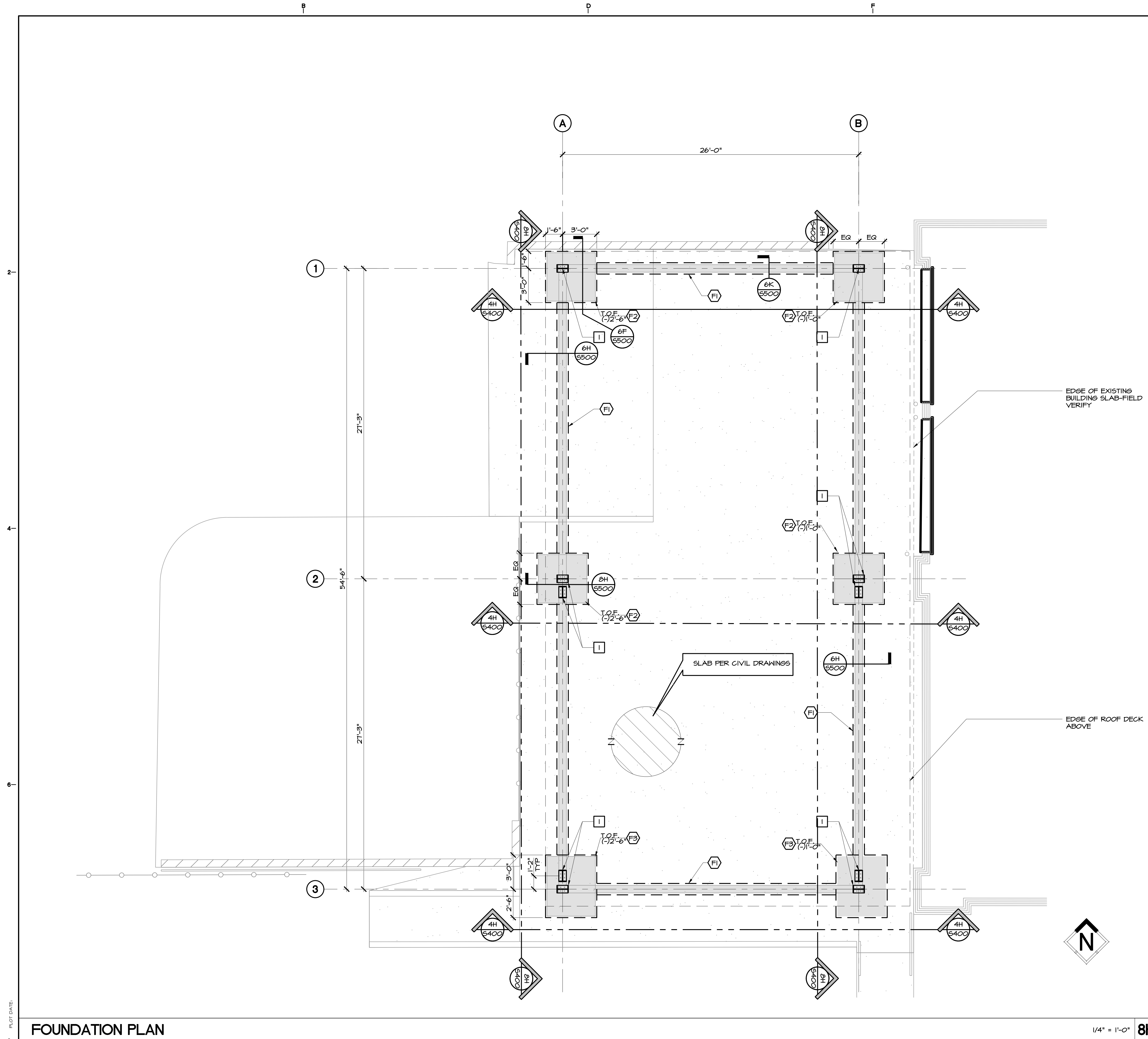


NEW AG BUILDING CANOPY FOR:
 KINGSBURG HIGH SCHOOL
 1900 18th AVENUE
 KINGSBURG, CA 93631
 FOUNDATION PLAN

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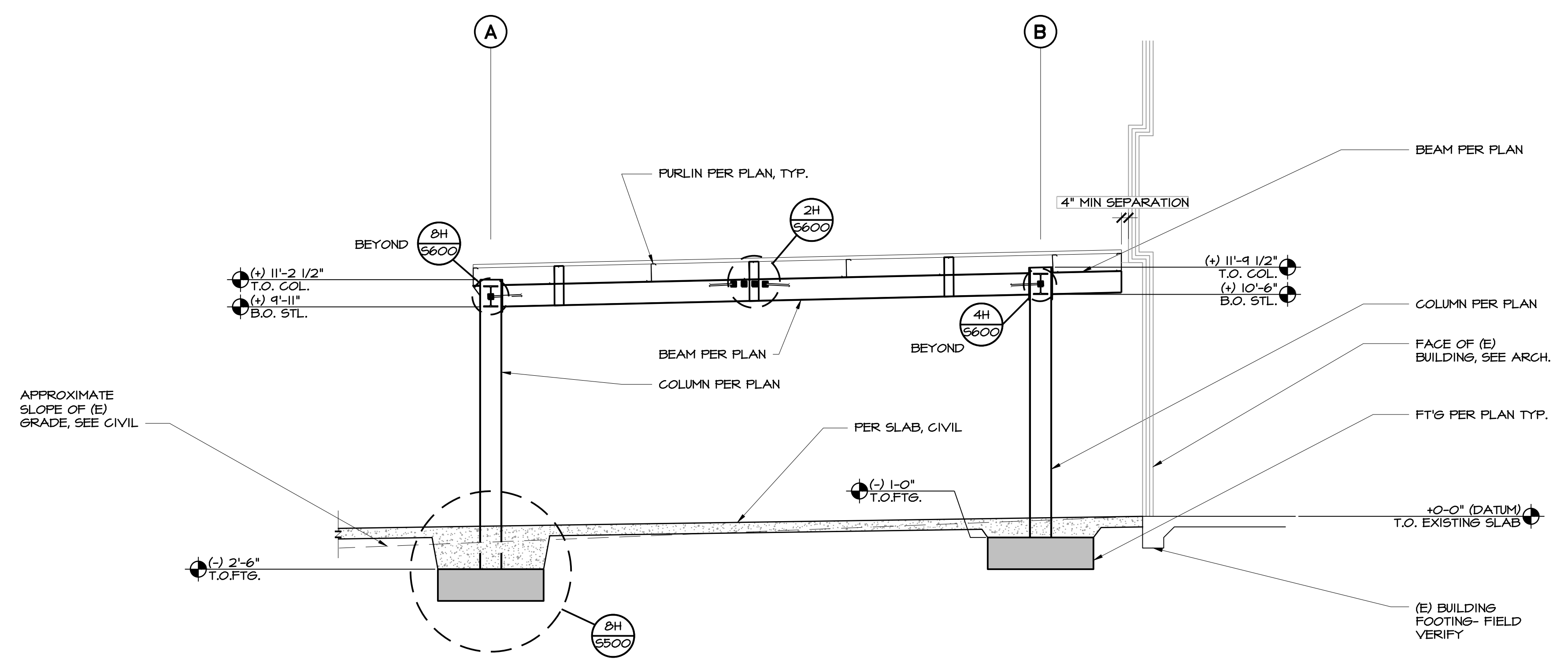
FOUNDATION PLAN

1/4" = 1'-0" 8H

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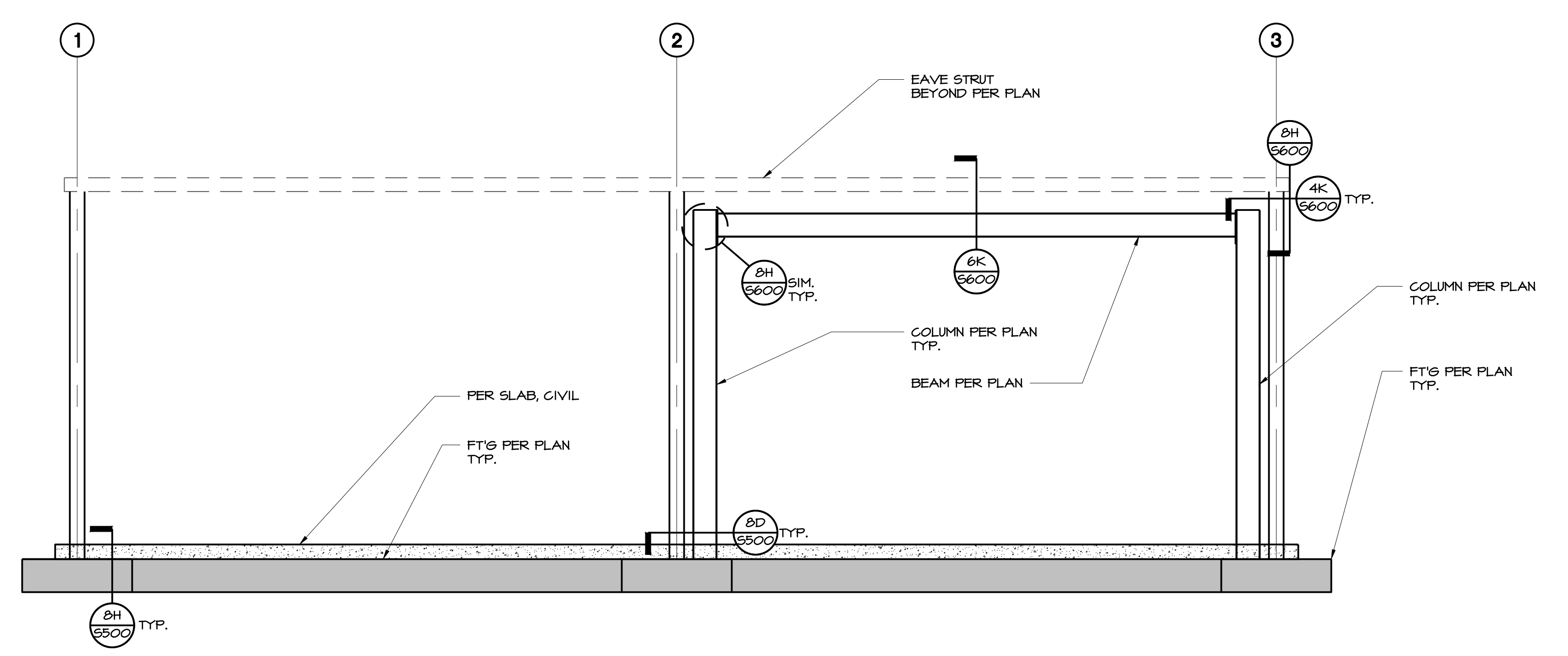
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2B

4B SECTION

1/4" = 1'-0" 4H



6B

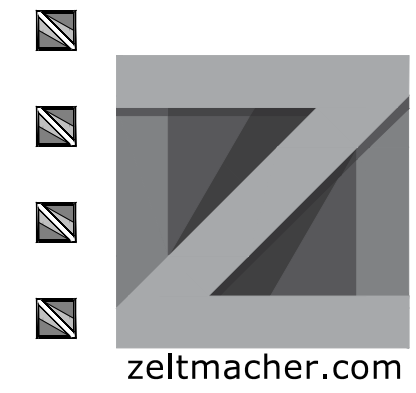
8B ELEVATION

1/4" = 1'-0" 8H

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 SECTION

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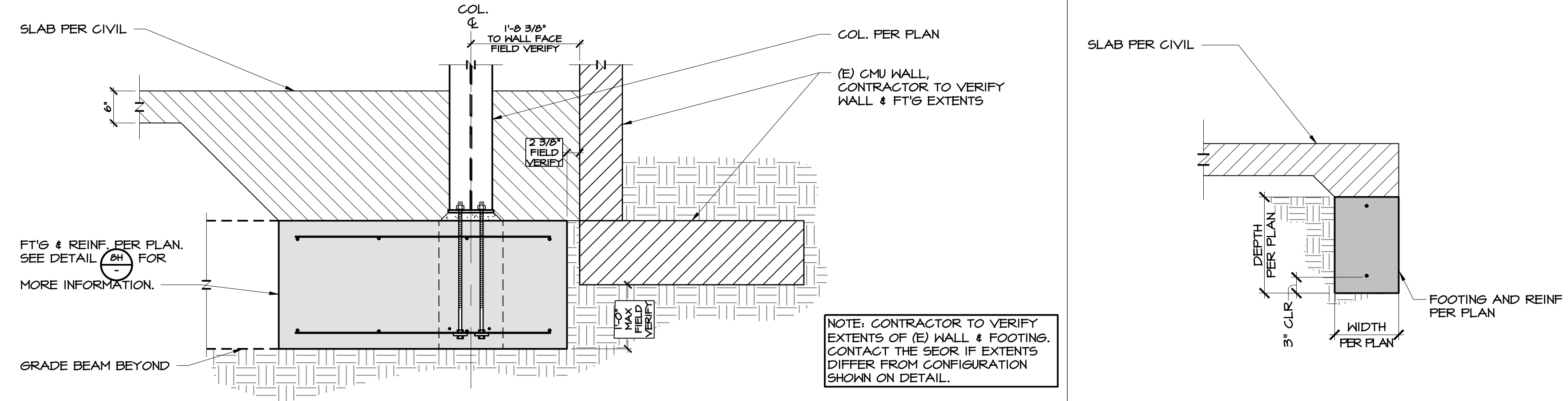
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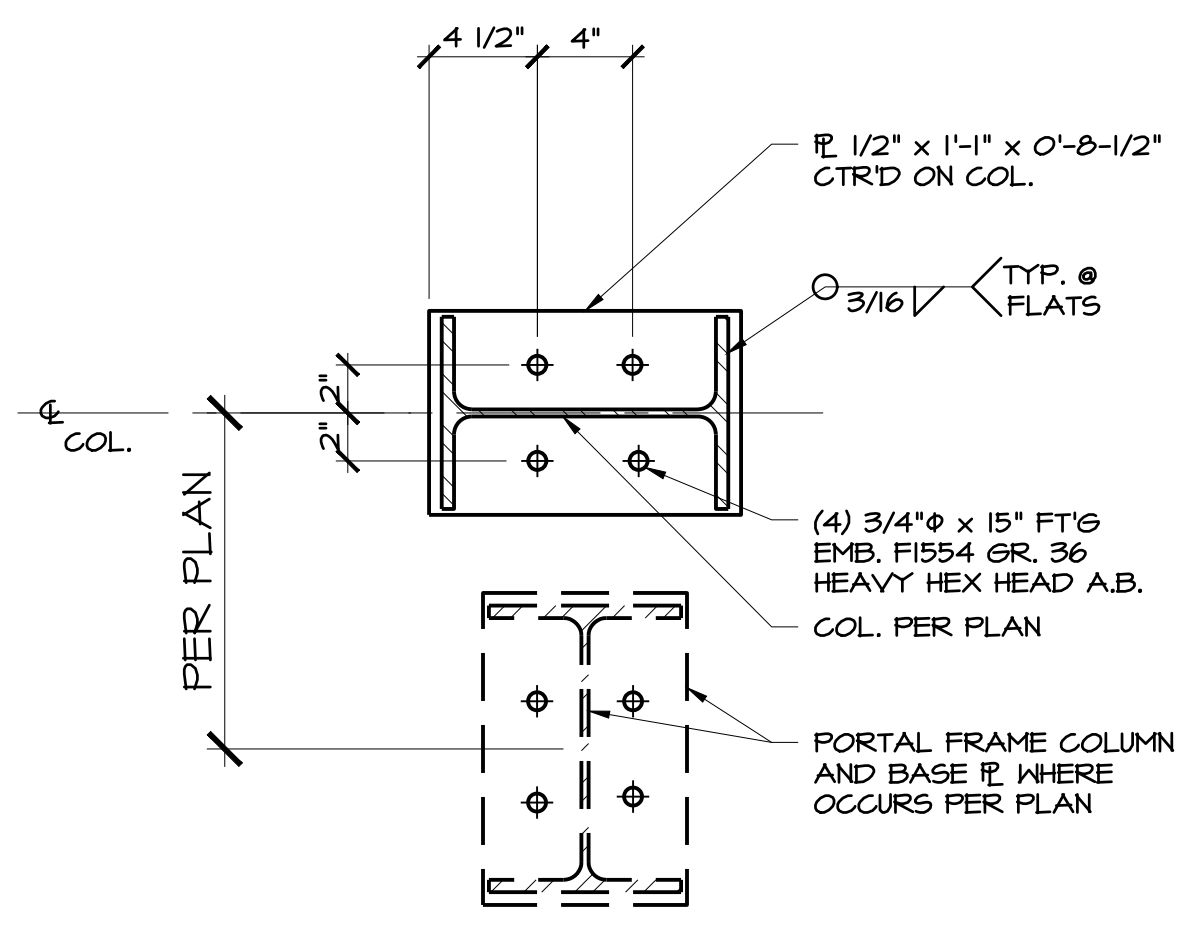
NEW AG BUILDING CANOPY FOR:
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 1900 18th AVENUE
 KINGSBURG, CA 93631
 FOUNDATION DETAILS

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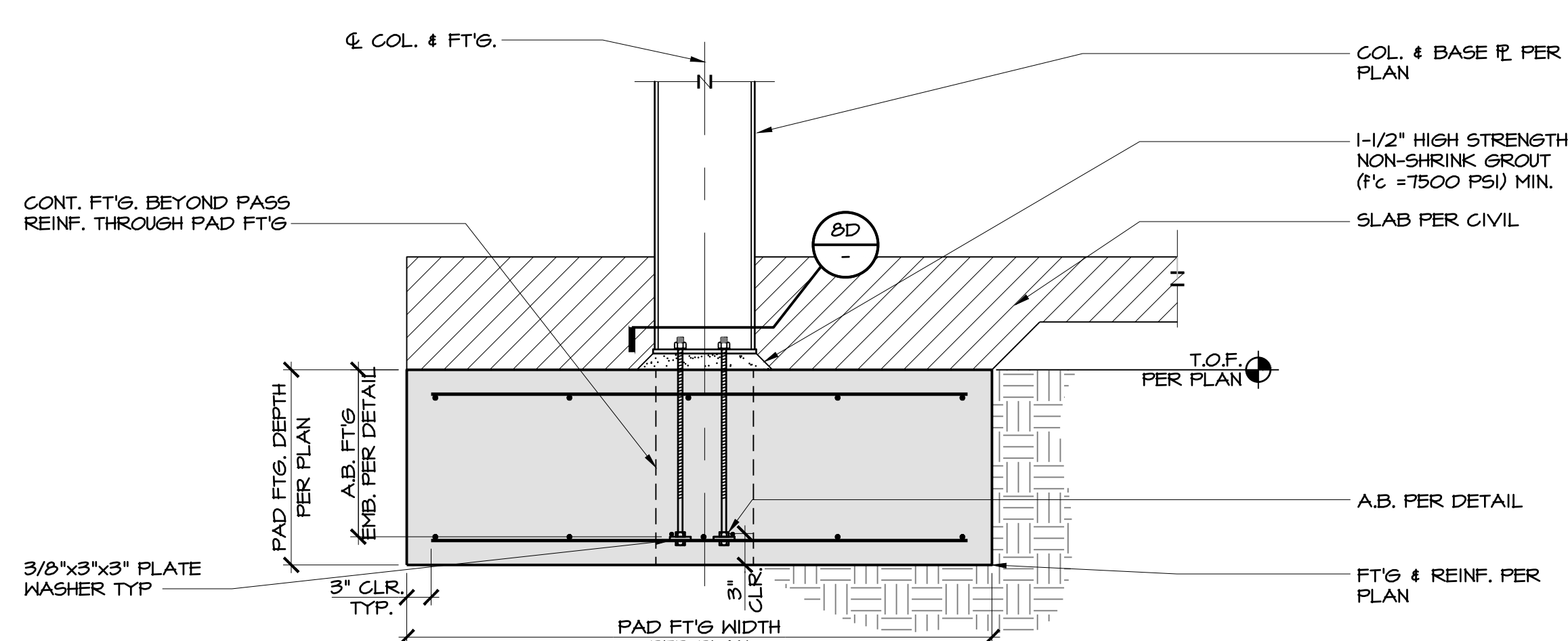


6B COLUMN PAD FOOTING AT (E) CMU WALL

N.T.S. **6F EXTERIOR CONT. FT'G** N.T.S.



8B COLUMN BASE PLATE 1 1/2" = 1'-0"



8D COLUMN PAD FOOTING N.T.S. **8H**

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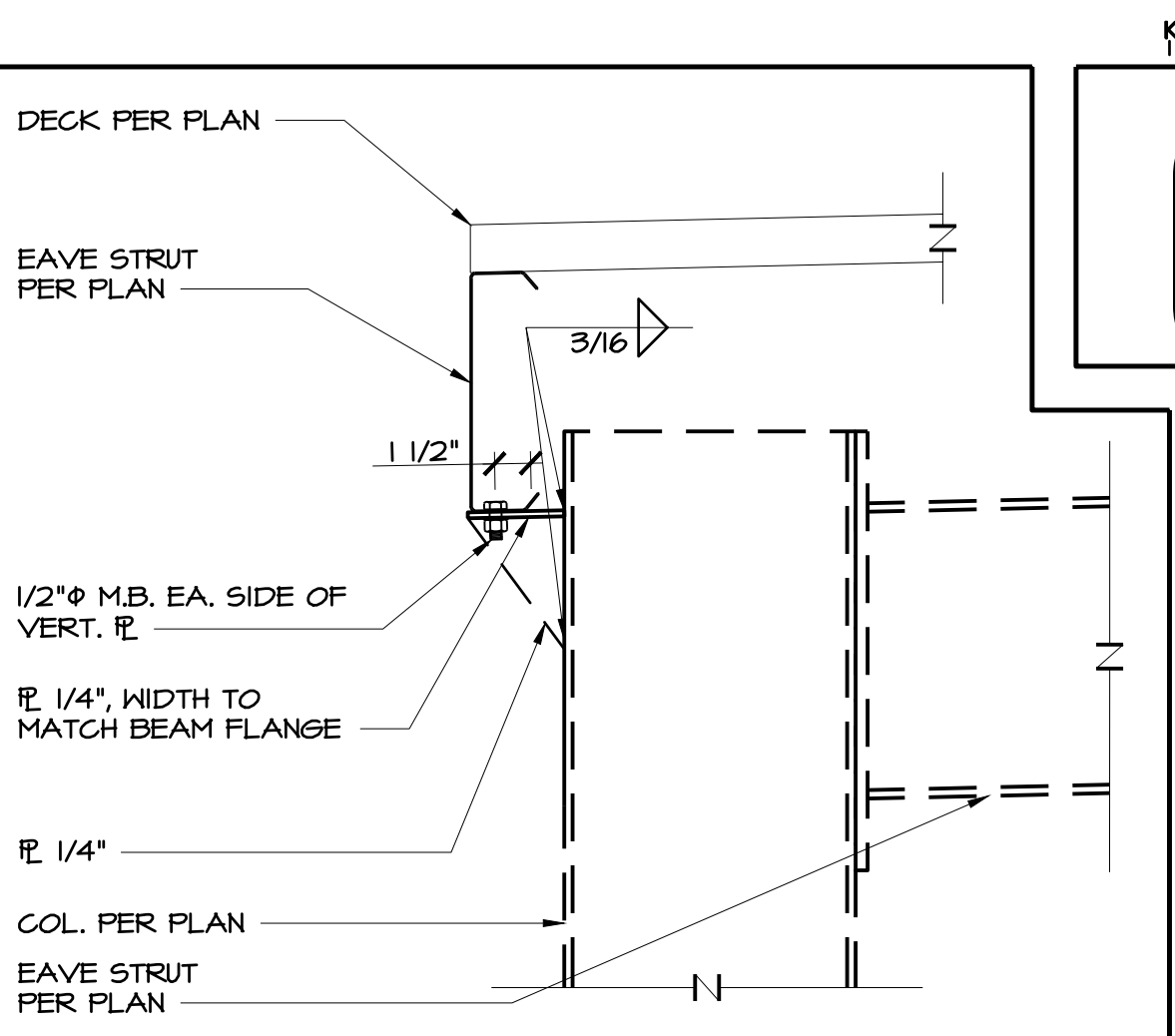
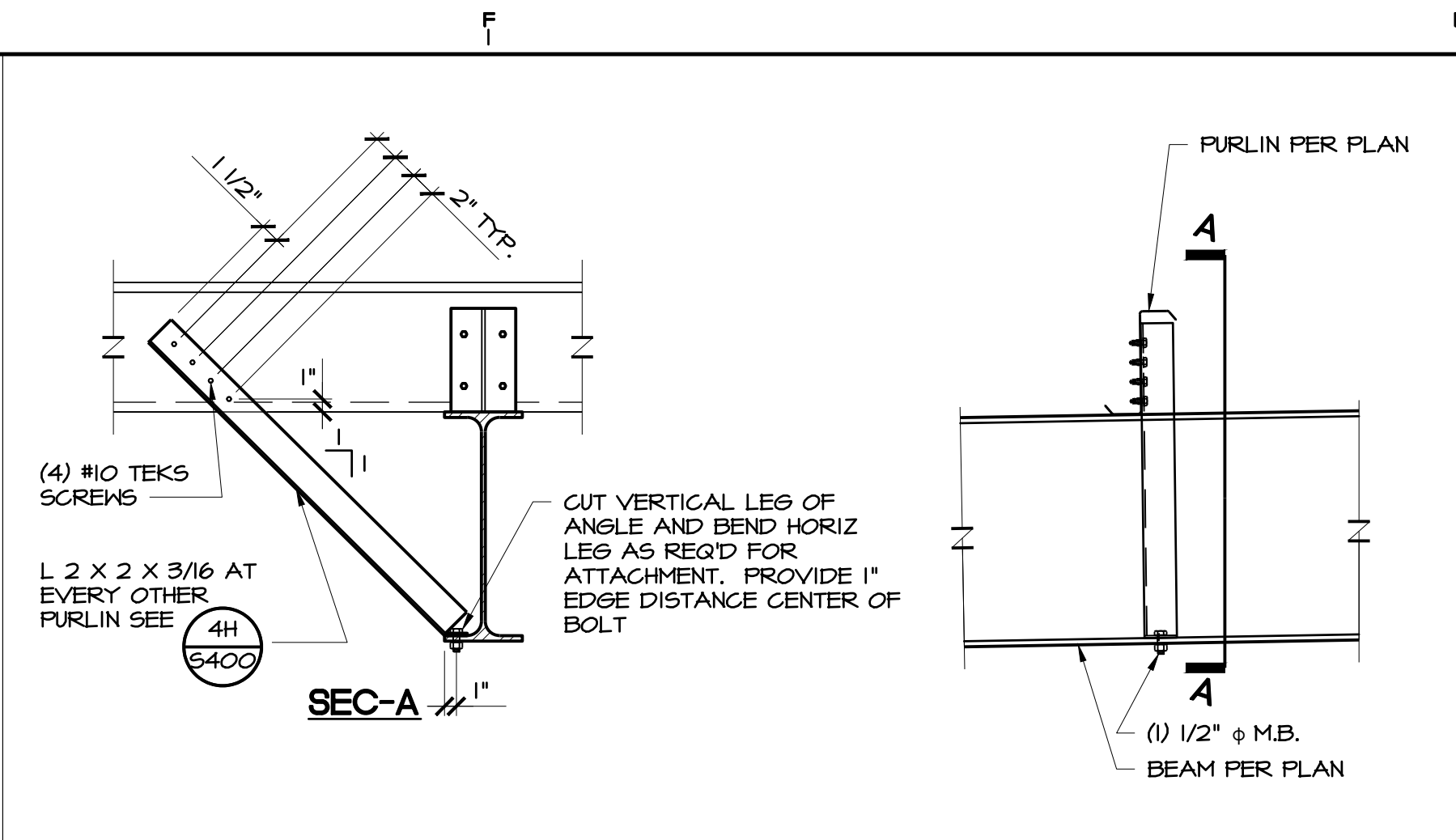
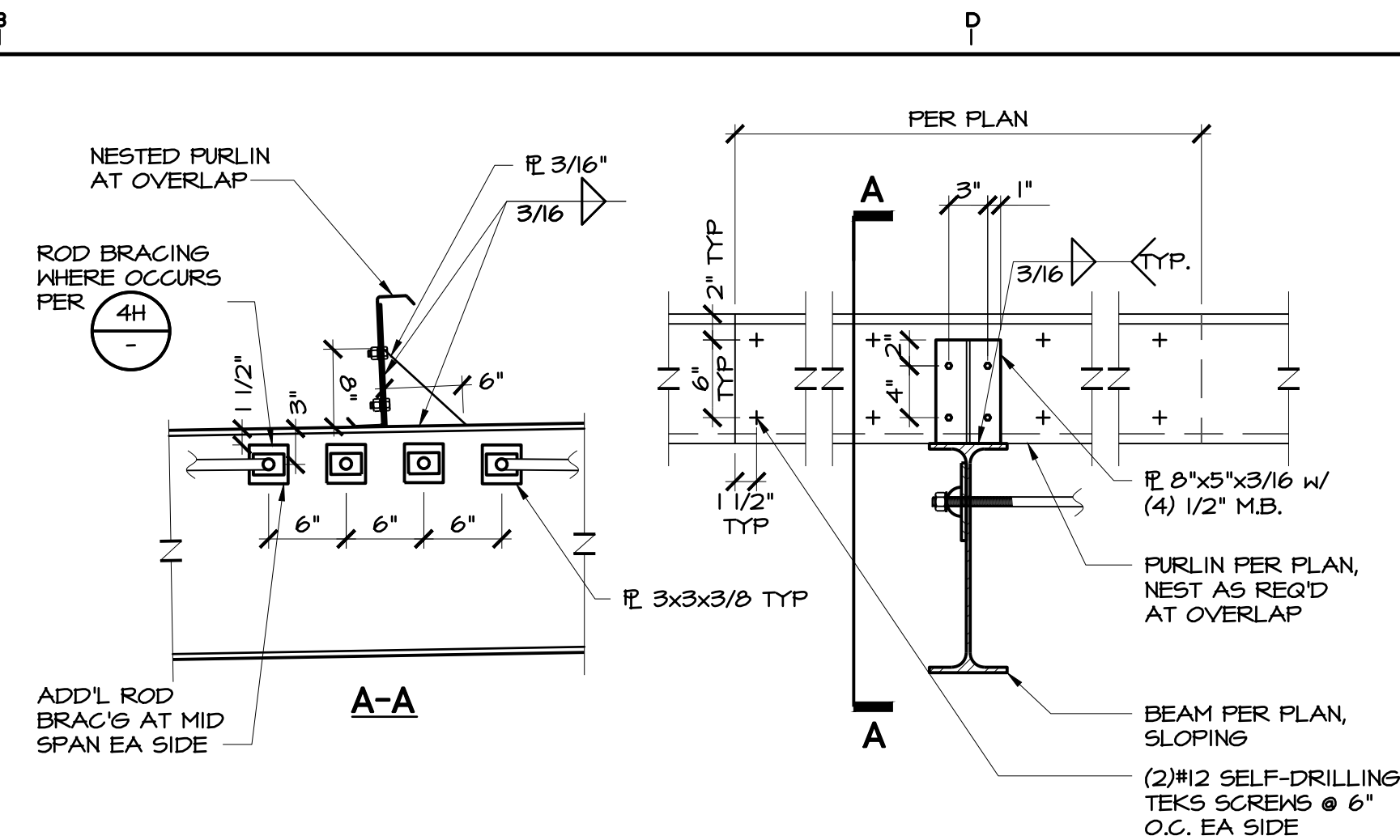
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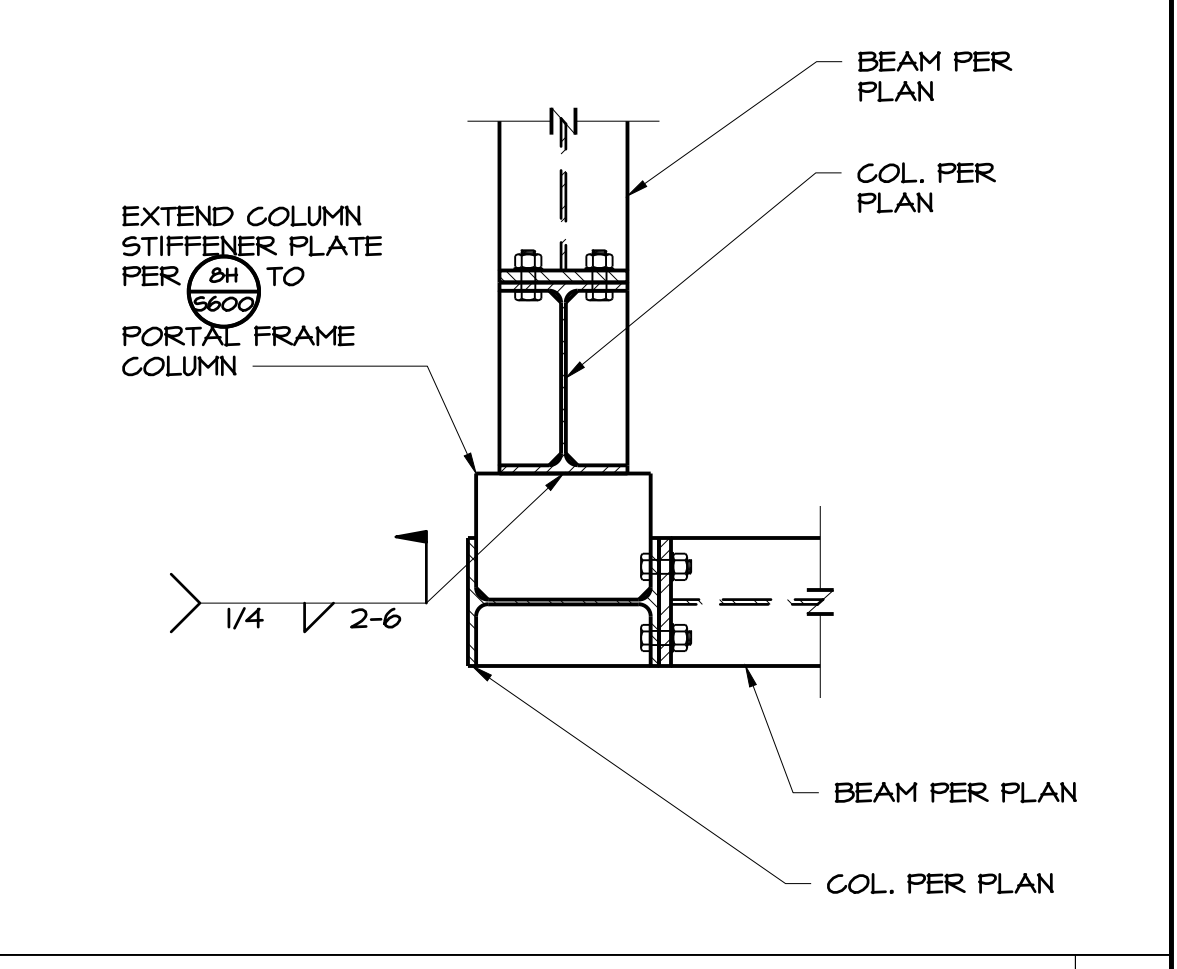
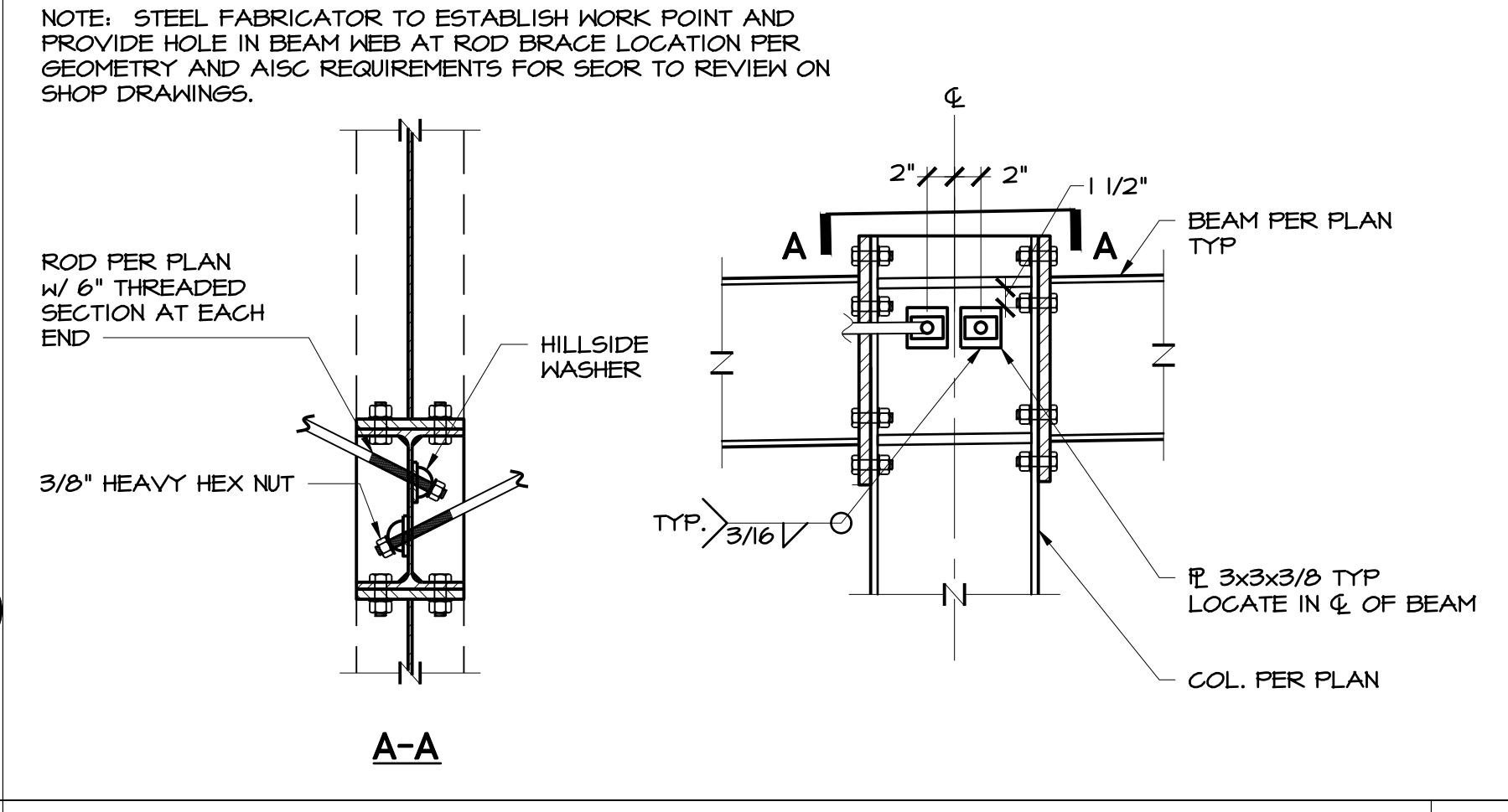
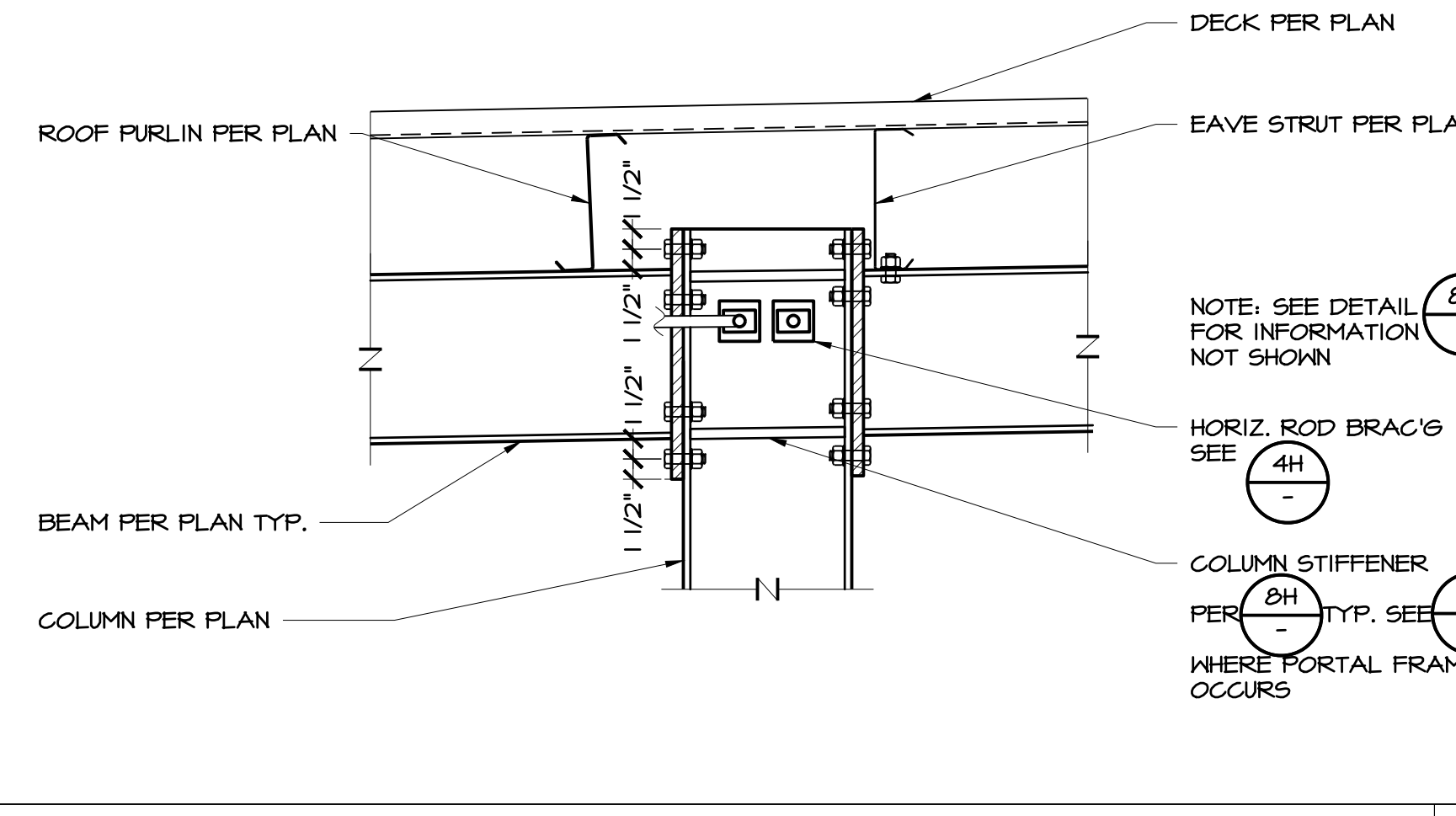
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2B WELDED PURLIN CLIP 1"=1'-0"

2E FLANGE BRACE DETAIL 1"=1'-0"

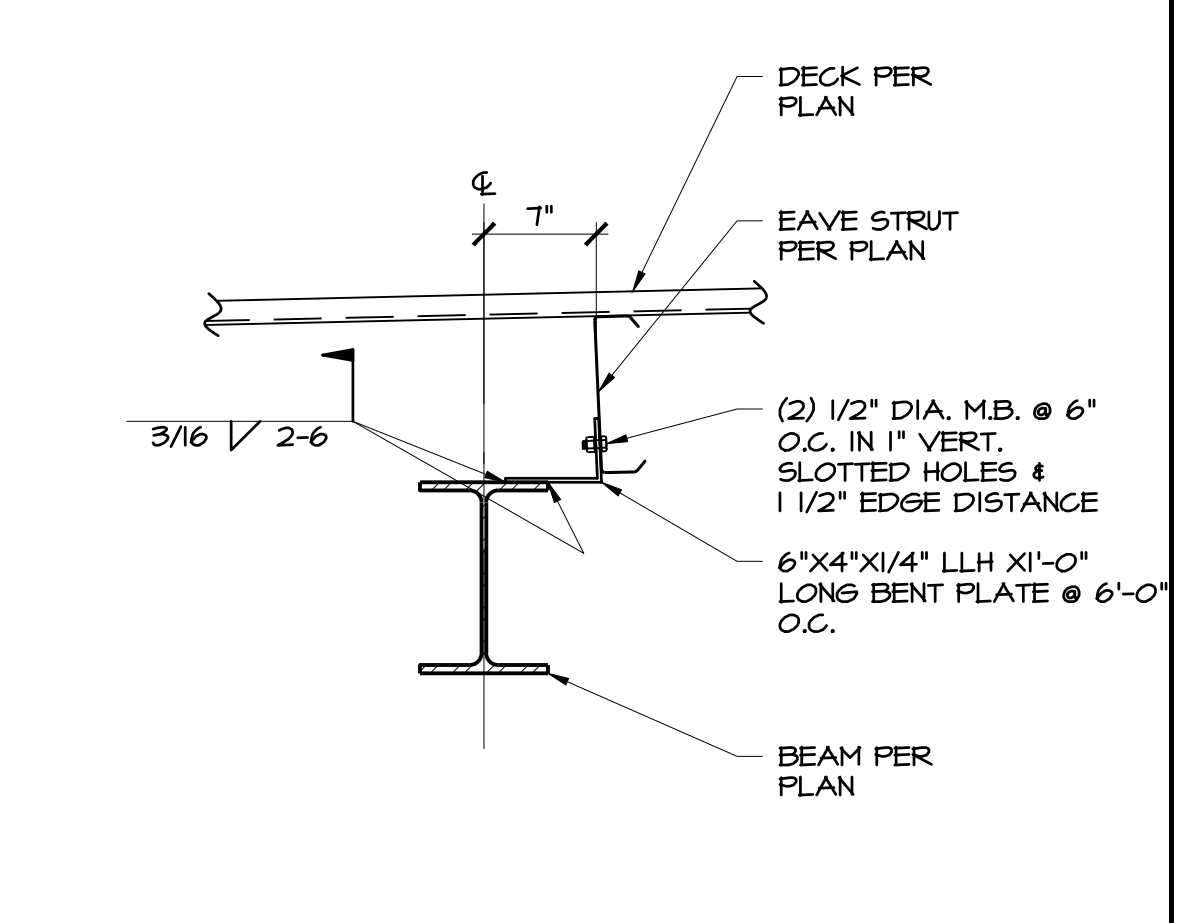
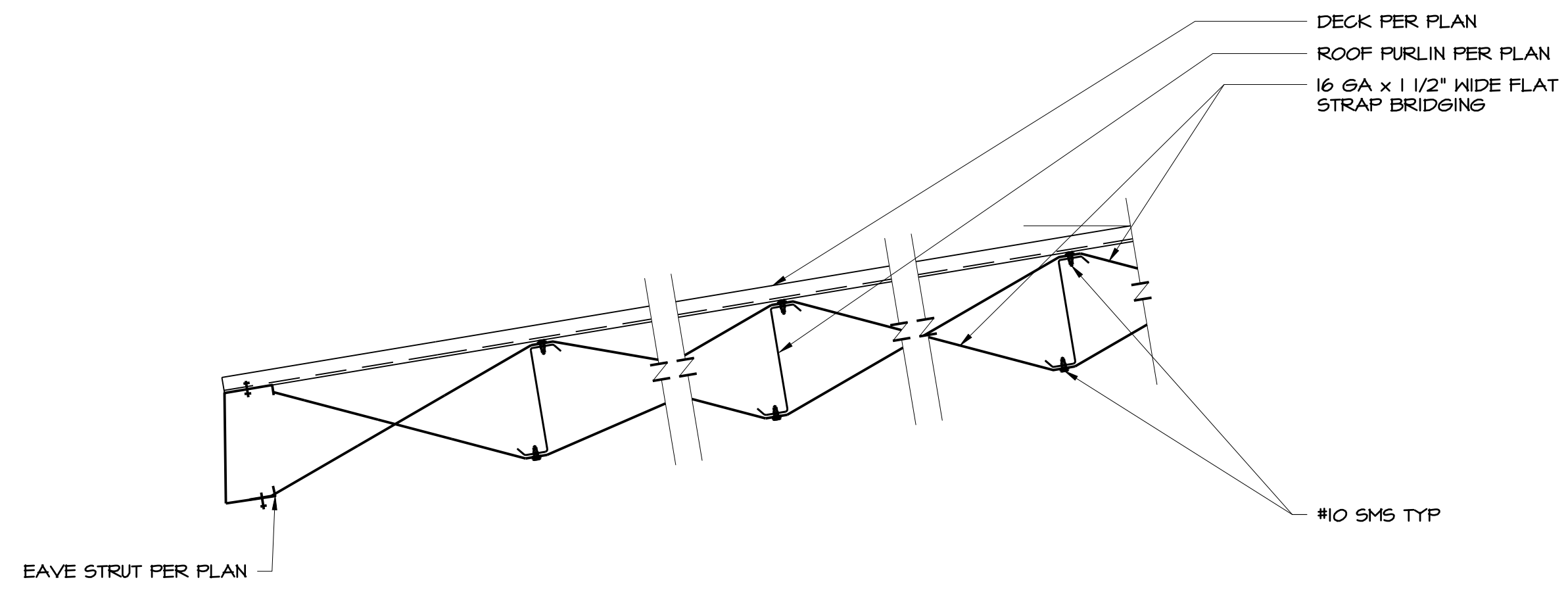
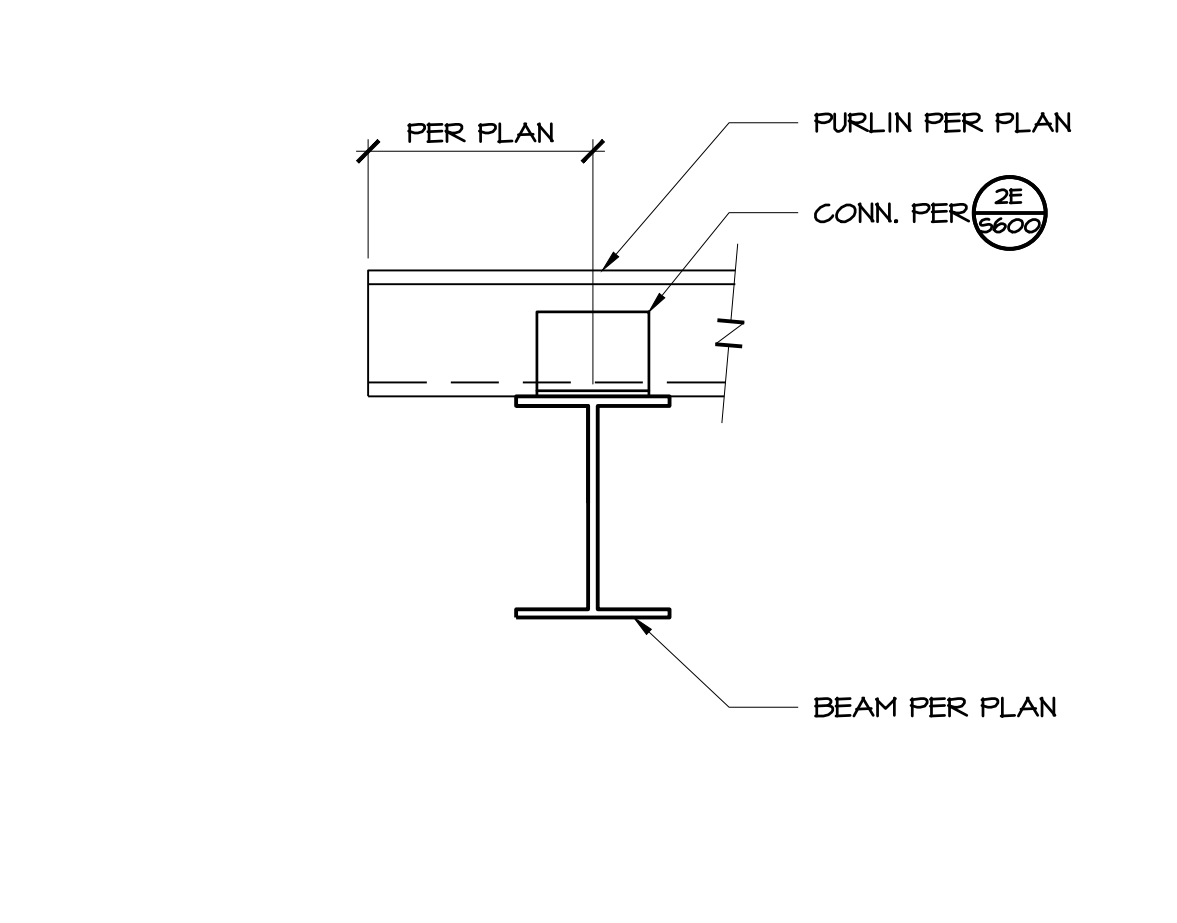
2H EAVE STRUT TO RIGID FRAME N.T.S. 2K



4B DOUBLE-SIDED MOMENT CONNECTION 1"=1'-0"

4E ROD DETAIL AT ROOF DETAIL 1"=1'-0"

4H FRAME TIE CONNECTION 1"=1'-0"



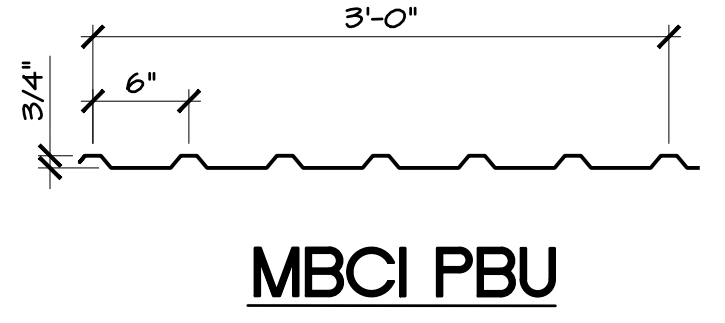
6B ENDWALL RAFTER TO BEAM N.T.S.

6D JOIST BRIDGING 1"=1'-0"

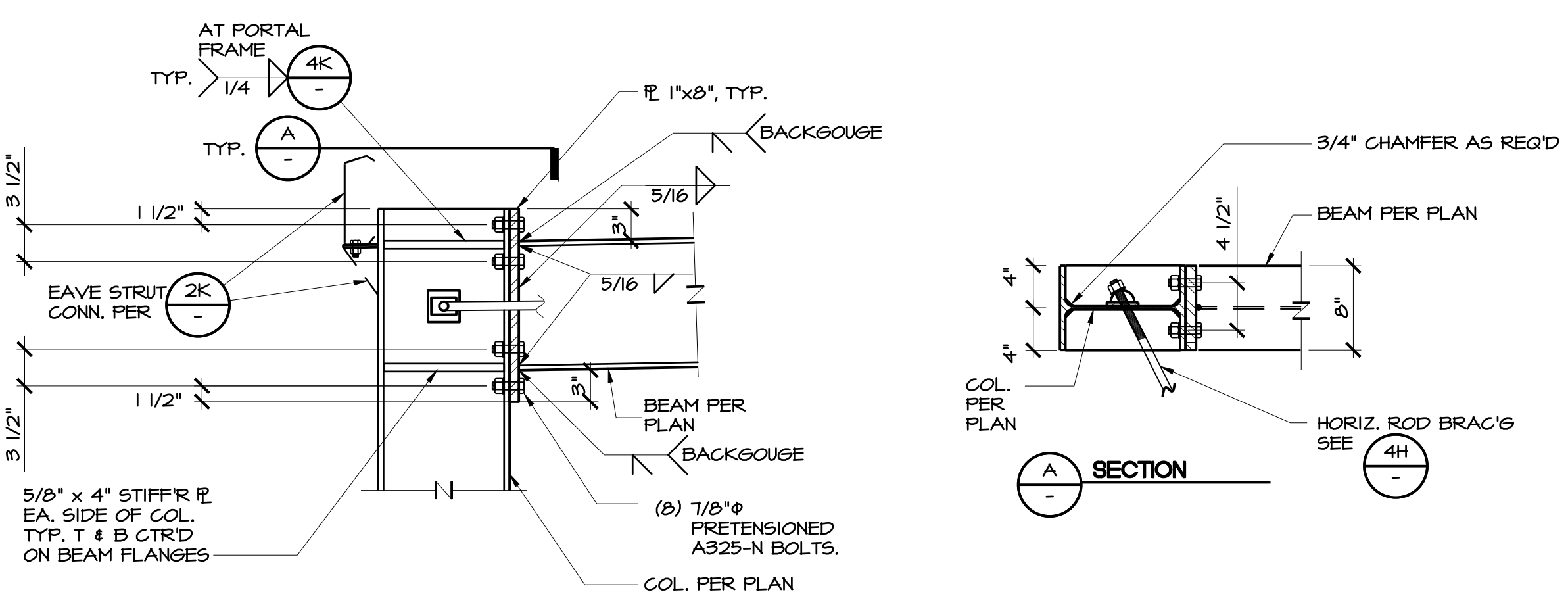
6H EAVE STRUT-TO-FRAME CONN. 1"=1'-0" 6K

ROOF DECK									
DECK MARK	DECK PROFILE	GAGE	NEGATIVE BENDING		POSITIVE BENDING		BEARING ATTACHMENT		REMARKS
			I _{xe}	S _{xe}	I _{xe}	S _{xe}	PERP. TO DECK	SIDE LAPS	
D1	PBU	24	0.0211	0.0526	0.0316	0.0514	#12-14x1 1/4 SELF-DRILLING TEK'S SCREW @ 6" O.C.	1/4"-14x1/8" LONG LIFE TEK SCREW @ 20" O.C.	COMPLY W/ ICC-ES REPORT ESR-3542

- NOTES:
- WHEREVER POSSIBLE, DECK LAYOUTS SHALL PROVIDE SHEETS OF SUFFICIENT LENGTH TO CONTINUOUS SPAN AT LEAST THREE SPANS, ENDS SHALL TERMINATE OVER A SUPPORT PERP. TO THE DECK.
 - DECK SHALL HAVE A MINIMUM OF 2" BEARING AT ALL SUPPORTING MEMBERS PERPENDICULAR TO DECK SPAN AND 2" AT ALL MEMBERS PARALLEL TO DECK SPAN.
 - DO NOT SUSPEND PIPING, LIGHT FIXTURES, CONDUITS OR OTHER UTILITIES FROM METAL DECK ALONE, AND DO NOT PLACE PIPES IN CONCRETE FILL OVER DECK.
 - DECK ATTACHMENTS TO STRUCTURAL MEMBERS, AS SCHEDULED, PER MANUFACTURERS RECOMMENDATIONS.



- NOTES:
- MATERIAL SHALL HAVE A 50,000 PSI MINIMUM YIELD STRENGTH, 60,000 PSI MINIMUM TENSILE STRENGTH



8D END BOLTED PLATE MOMENT CONNECTION N.T.S.

8H END BOLTED PLATE MOMENT CONNECTION 1"=1'-0"

ROOF DECK SCHEDULE/DETAIL

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REGISTERED PROFESSIONAL ENGINEER
RYAN J. FITZPATRICK
S 6651
STRUCTURAL ENGINEER
STATE OF CALIFORNIA

MARK	DATE	DESCRIPTION
-	06/30/20	DSA REVIEW SET
-	09/17/2020	BACKCHECK SUBMITTAL

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1900 18th AVENUE
KINGSBURG, CA 93631
FRAMING DETAILS

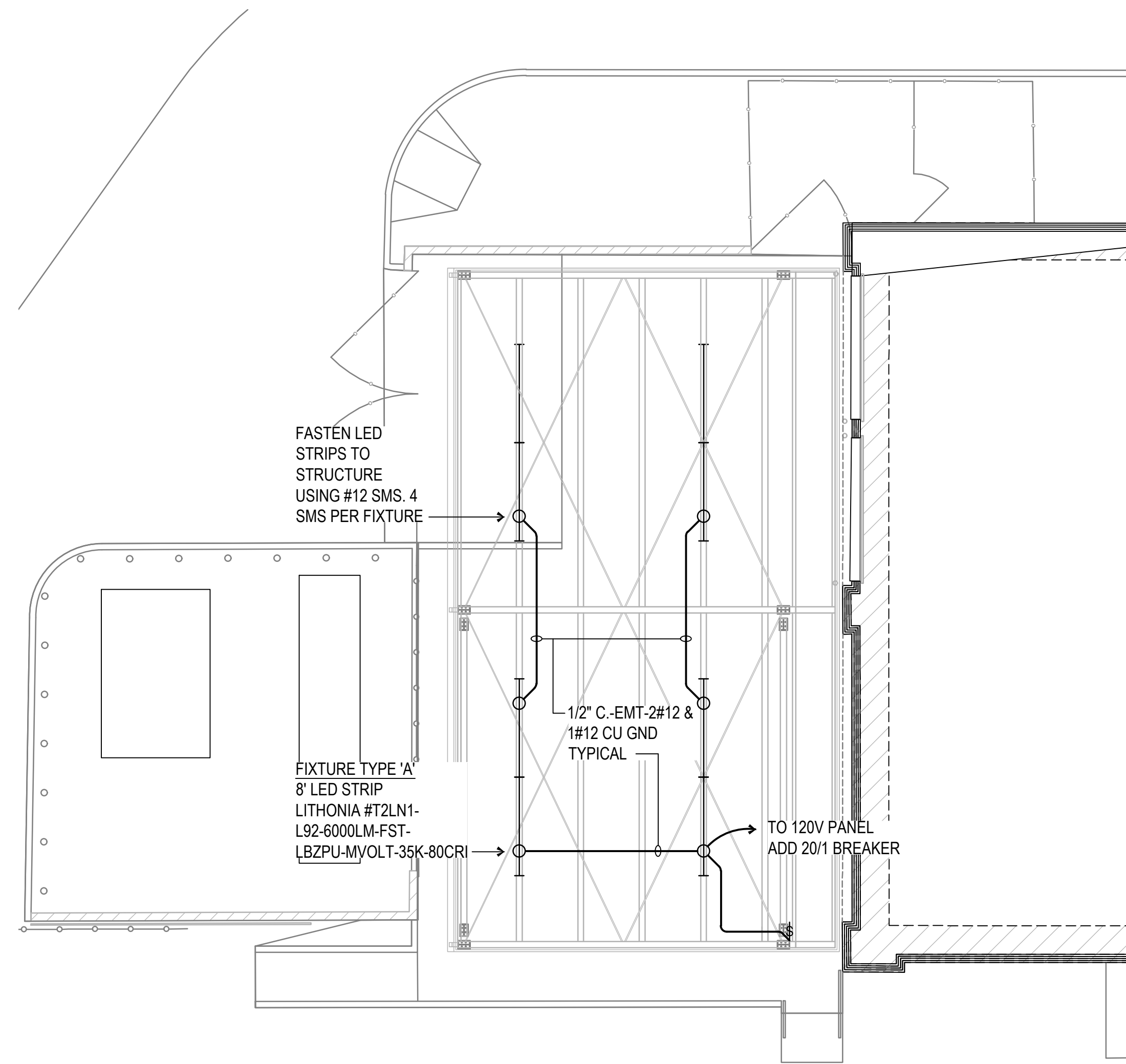
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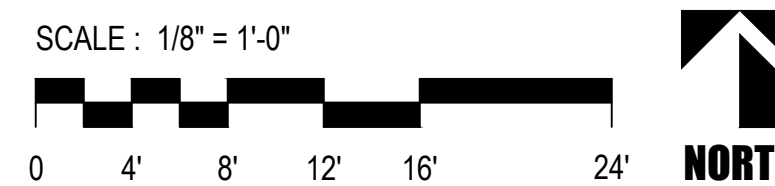
GENERAL ELECTRICAL NOTES

- SPECIFY THAT ONLY LISTED OR LABELED EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH INSTRUCTIONS INCLUDED IN THE LISTING AND LABELING (PER CEC-110.3(B)).
- SWITCHES SHALL BE MOUNTED A MAXIMUM OF 44" TO THE TOP. RECEPTACLES SHALL BE MOUNTED A MINIMUM OF 15" TO THE BOTTOM PER CBC 2016 SECTION 11B-308.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE A LABEL PER 2016 CEC ARTICLE 408.4(A). PROVIDE TYPED PANEL BOARD DIRECTORIES. PANEL BOARDS SHALL ALSO BE MARKED COMPLIANT WITH 2016 CEC 408.4(B) FOR ORIGINATED SOURCE OF POWER.
- EACH MULTIWIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES, SUCH AS HANDLE-TIES AND MULTI-POLE BREAKERS (PER CEC- 210.4(B)).
- ALL WORK SHALL MEET THE LATEST ADOPTED ADDITIONS OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 24 AND ALL OTHER APPLICABLE REGULATIONS, WHICH INCLUDE:

CALIFORNIA BUILDING CODE 2019
 CALIFORNIA ELECTRICAL CODE 2019
 NON RESIDENTIAL CEC ENERGY STANDARDS 2019



LIGHTING FLOOR PLAN



VOLTAGE DROP CALCULATION

VD (1 PHASE) = (2 * K * I * D) / CM	2	K	I	D	CM	VD	%@480	%@208	%@120	%@277	%@230	
LIGHTING CIRCUIT	2	12	3.2	200	15360	6530	2.352221	0.490046	1.130875	1.960184	0.849177	1.022705
K = 12 COPPER loaded +50%												
K = AL loaded +50%												
D = DISTANCE												
ENTER DATA IN SHADED BOXES ONLY												
CM = CIRCULAR MILS												
I = CURRENT												

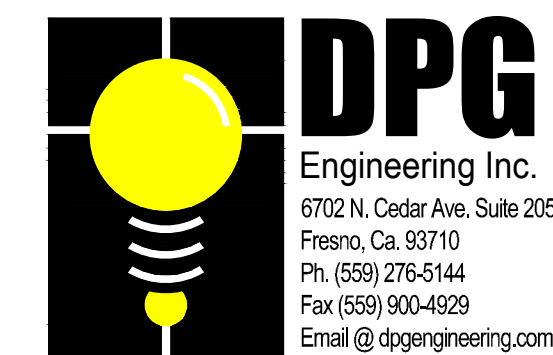
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NEW AG BUILDING CANOPY FOR:
 KINGSBURG HIGH SCHOOL
 1900 18th AVENUE
 KINGSBURG, CA 93631

LIGHTING FLOOR PLAN & VOLTAGE DROP

DSA PROJECT NO 02-118435

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STATE OF CALIFORNIA
Outdoor Lighting
 NCCCLTO-4 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NCCCLTO-4
 Project Name: KINGSBURG HIGH CANOPY Report Page: (Page 1 of 7)
 Project Address: 1900 18TH AVE Date Prepared: 6/25/2020

A. GENERAL INFORMATION

01 Project Location (City) KINGSBURG 04 Total Illuminated Hardscape Area (ft²) 0
 02 Climate Zone 13
 03 Outdoor Lighting Zone per Title 24 Part 1 §10.1.1.14 or as designated by Authority Having Jurisdiction (AHJ):
 LZ-0: Very Low - Undeveloped Parkland LZ-2: Moderate - Rural Areas LZ-4: High - Must be reviewed by CA Energy Commission for Approval
 LZ-1: Low - Developed Parkland LZ-3: Moderately High - Urban Areas

B. PROJECT SCOPE
 This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 or §141.0(b)(2), for alterations.
 My Project Consists of:
 01 New Lighting System Must Comply with Allowances from §140.7
 02 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No
 03 % of Existing Luminaires Being Altered¹ 04 Sum Total of Luminaires Being Added or Altered 05 Calculation Method
 < 10% >= 10% and < 50% >= 50%

Please proceed to Table F, Outdoor Lighting Fixture Schedule to define the project's luminaires.
¹ FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

Registration Number: Registration Date/Time: Registration Provider: Energysoft
 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.0.001 Schema Version: rev 20190401 Report Generated: 2020-06-25 13:22:25

STATE OF CALIFORNIA
Outdoor Lighting
 NCCCLTO-4 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NCCCLTO-4
 Project Name: KINGSBURG HIGH CANOPY Report Page: (Page 4 of 7)
 Project Address: 1900 18TH AVE Date Prepared: 6/25/2020

H. OUTDOOR LIGHTING CONTROLS
 This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
 When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Mandatory Controls

01	02	03	04	05
Area Description	Shut-Off §130.2(c)(1)	Auto-Schedule §130.2(c)(2)	Motion Sensor §130.2(c)(3)	Field Inspector
CANOPY CEILING	Photocontrol	Yes	Yes	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

* NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
 EX: Not permitted by health & safety to be turned off. EXCEPTION 1 to §130.2(c).

I. LIGHTING POWER ALLOWANCE (per §140.7)
 This table includes areas using allowance calculations per §140.7, General Hardscape Allowance is per Table 140.7-A, while "Use it or lose it" Allowances are per Table 140.7-B. Indicate which allowances are being used to support user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
 Calculated General Hardscape Lighting Power Allowance per Table 140.7-A (LZ 0, 1 & 4)
 This section does not apply to this project.
 Calculated General Hardscape Lighting Power Allowance per Table 140.7-B (LZ 2 & 3)
 This section does not apply to this project.

J. LIGHTING ALLOWANCE: PER APPLICATION
 This section does not apply to this project.

Registration Number: Registration Date/Time: Registration Provider: Energysoft
 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.0.001 Schema Version: rev 20190401 Report Generated: 2020-06-25 13:22:25

STATE OF CALIFORNIA
Outdoor Lighting
 NCCCLTO-4 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NCCCLTO-4
 Project Name: KINGSBURG HIGH CANOPY Report Page: (Page 2 of 7)
 Project Address: 1900 18TH AVE Date Prepared: 6/25/2020

C. COMPLIANCE RESULTS
 Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D, Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) §140.7 or §141.0(b)(2)										Compliance Results		
01	02	03	04	05	06	07	08	09	10	11	12	13
General Hardscape Allowance §140.7(a)(1) (See Table I)	Per Application §140.7(d)(2) (See Table J)	Sales Frontage §140.7(d)(2) (See Table K)	Ornamental §140.7(d)(2) (See Table L)	Per Specific Area §140.7(d)(2) (See Table M)	OR	Existing Power Allowance §141.0(b)(2) (See Table N)	Total Allowed (Watts)	Total Actual (Watts)	07 must be >= 08	08	09	10
0	---	---	---	---	OR	---	384	384	>=	384	COMPLIES	
Cutoff Compliance (See Table G for Details)										N/A		
Controls Compliance (See Table H for Details)										COMPLIES		

D. EXCEPTIONAL CONDITIONS
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Registration Number: Registration Date/Time: Registration Provider: Energysoft
 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.0.001 Schema Version: rev 20190401 Report Generated: 2020-06-25 13:22:25

STATE OF CALIFORNIA
Outdoor Lighting
 NCCCLTO-4 CALIFORNIA ENERGY COMMISSION
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K. LIGHTING ALLOWANCE: SALES FRONTAGE
 This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL
 This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA
 This table includes areas using the wattage allowance per specific area from Table 140.7-B. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01	02	03	04	05	06	07	08	09	10
Area Description	Specific Area Type per Table 140.7-B	CALCULATED ALLOWANCE (Watts)	Allowed Density (W/ft ²)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	Additional Allowance (Watts)
CANOPY	NonSalesCanopy	1650	0.27	445.5	A	48	8	384	384
Total Design Watts for this Area:									384
Total Allowance (Watts) All Areas:									384

¹ FOOTNOTES: See Table 140.7-B for rules for calculating the specific area (ft²) for these additional lighting allowances.
² For luminaires indicated in Table F as linear, wattage in column 07 & W/ft² instead of Watts/Luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
 This section does not apply to this project.

Registration Number: Registration Date/Time: Registration Provider: Energysoft
 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.0.001 Schema Version: rev 20190401 Report Generated: 2020-06-25 13:22:25

STATE OF CALIFORNIA
Outdoor Lighting
 NCCCLTO-4 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NCCCLTO-4
 Project Name: KINGSBURG HIGH CANOPY Report Page: (Page 7 of 7)
 Project Address: 1900 18TH AVE Date Prepared: 6/25/2020

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: DAVOR P. GOLIK P.E.
 Company: DPG Engineering, Inc.
 Address: 6702 N CEDAR #205
 City/State/Zip: FRESNO CA 93710
 Phone: 559 276 5144

Documentation Author Signature: *Davor Golik*
 Signature Date: 6-25-20
 CEA/REB Certification Identification (if applicable): E17151
 Phone: 559 276 5144

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following: under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: DAVOR P. GOLIK P.E.
 Company: DPG ENGINEERING
 Address: 6702 N CEDAR #205
 City/State/Zip: FRESNO CA 93710
 Date Signed: 2020-06-25
 License: E17151
 Phone: 559 276 5144

Responsible Designer Signature: *Davor Golik*

Registration Number: Registration Date/Time: Registration Provider: Energysoft
 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.0.001 Schema Version: rev 20190401 Report Generated: 2020-06-25 13:22:25

STATE OF CALIFORNIA
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 NCCCLTO-4 CALIFORNIA ENERGY COMMISSION
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 Project Name: KINGSBURG HIGH CANOPY Report Page: (Page 3 of 7)
 Project Address: 1900 18TH AVE Date Prepared: 6/25/2020

F. OUTDOOR LIGHTING FIXTURE SCHEDULE
 For new or altered lighting systems demonstrating compliance with §140.7, all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)(2), only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included).

Designed Wattage:

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Watts per luminaire ^{1,2}	How is Wattage determined	Total number of luminaires ³	Luminaire Status ⁴	Excluded per §140.7(a)	Design Watts	Cutoff Req. > 6,200 initial lumen output §130.2(b)(4)	Field Inspector
A	48 WATT LED <input type="checkbox"/> Linear	48	CEC Default	8	New	<input type="checkbox"/>	384	NA: < 6200 lumens	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Total Design Watts:							384		

¹ NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
 EX: Luminaire is lighting a stator. EXCEPTION 2 to §130.2(b).
² FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(a).
³ For linear luminaires, wattage should be indicated as W/ft² instead of Watts/Luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.
⁴ Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstated" for existing luminaires which are being removed and reinstalled as part of the project scope.
⁵ Compliance with mandatory cutoff requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by §130.2(a).

G. CUTOFF REQUIREMENTS (BUG)
 This section does not apply to this project.

Registration Number: Registration Date/Time: Registration Provider: Energysoft
 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.0.001 Schema Version: rev 20190401 Report Generated: 2020-06-25 13:22:25

STATE OF CALIFORNIA
Outdoor Lighting
 NCCCLTO-4 CALIFORNIA ENERGY COMMISSION
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 Project Name: KINGSBURG HIGH CANOPY Report Page: (Page 6 of 7)
 Project Address: 1900 18TH AVE Date Prepared: 6/25/2020

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_c compliance_documents/Nonresidential_Documents/NRCC

Yes	No	Form/Title	Field Inspector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LTO-01-E - Must be submitted for all buildings	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LTO-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Yes	No	Form/Title	Field Inspector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Registration Number: Registration Date/Time: Registration Provider: Energysoft
 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019.0.001 Schema Version: rev 20190401 Report Generated: 2020-06-25 13:22:25

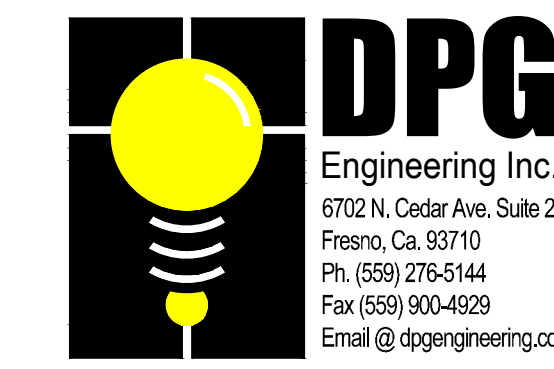
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-118435 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 10/06/2020



DATE	DESCRIPTION
06/30/20	DSA REVIEW SET
06/18/2020	BACK-CHECK SUBMITTAL

NEW AG BUILDING CANOPY FOR:
 KINGSBURG HIGH SCHOOL
 1900 18th AVENUE
 KINGSBURG, CA 93631
 TITLE 24
 DSA PROJECT NO 02-118435

PROJECT NO.
 17-029.02
 DRAWING
 E200
 www.tgarchitects.com



STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION NRCC-ELC-E

CERTIFICATE OF COMPLIANCE
 This document is used to demonstrate compliance with mandatory requirements in §130.5 for electrical systems in newly constructed nonresidential, high-rise residential and hotel/motel occupancies. Additions and alterations to electrical service systems in these occupancies will also use this document to demonstrate compliance per §141.0(a) or §141.0(b) for alterations.

Project Name: KINGSBURG HIGH SCHOOL CANOPY Report Page: Page 1 of 4
 Project Address: KINGSBURG Date Prepared: 6-25-2020

A. GENERAL INFORMATION

01 Project Location (city) _____ 02 Occupancy Types Within Project:

Office Retail Warehouse Hotel/ Motel School Support Areas
 Parking Garage High-Rise Residential Relocatable Healthcare Facilities Other (Write In): CANOPY

B. PROJECT SCOPE

Table Instructions: Include any electrical service systems that are within the scope of the permit application.

01	02	03	04	05	06
Electrical Service Designation/Description	Scope of Work ¹	Rating (kVA)	Utility Provided Metering System Exception to §130.5(a) ²	System subject to CA Elec Code Article 517 Exception to §130.5(a)&(b)	Demand Response Controls Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2, §130.1 and §130.3 and compliance documents NRCC-MCH, NRCC-LTI and NRCC-LTS will indicate when demand response controls are required.
EXISTING MSB	Add/Alt to feeders and branch circuits only		<input checked="" type="checkbox"/>	<input type="checkbox"/>	

¹ FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c), no other requirements from 130.5 are required.
² Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

C. COMPLIANCE RESULTS

Table Instructions: If this table says "DOES NOT COMPLY" refer to Table D, for guidance and review the Table that indicates "No".

01	02	03	04	05
Service Electrical Metering §130.5(a) (See Table F)	AND	Separation for Monitoring §130.5(b) (See Table G)	AND	Voltage Drop §130.5(c) (See Table H)
			AND	Controlled Receptacles §130.5(d) (See Table I)
Compliance Results				
COMPLIES with Exceptional Conditions				

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION NRCC-ELC-E

CERTIFICATE OF COMPLIANCE
 Project Name: KINGSBURG HIGH SCHOOL CANOPY Report Page: Page 3 of 4
 Project Address: KINGSBURG Date Prepared: 6-25-2020

J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www2.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC/

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-ELC-01-E - Must be submitted for all buildings.	<input type="checkbox"/>	<input type="checkbox"/>

K. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no Certificates of Acceptance applicable to electrical power distribution requirements.

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION NRCC-ELC-E

CERTIFICATE OF COMPLIANCE
 Project Name: KINGSBURG HIGH SCHOOL CANOPY Report Page: Page 2 of 4
 Project Address: KINGSBURG Date Prepared: 6-25-2020

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Table B indicates the project is exempt from §130.5(a) Service Electrical Metering requirements because the utility company has provided the project a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. SERVICE ELECTRICAL METERING

This Section Does Not Apply

G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING

This Section Does Not Apply

H. VOLTAGE DROP

Table Instructions: Please complete this table for entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with §130.5(c). For alterations, only the altered circuits must demonstrate compliance per §141.0(b)(2)P11.

01	02	03	04	05
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Location of Voltage Drop Calculations ¹	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector
EXISTING MSB	<input checked="" type="checkbox"/> Voltage drop < 5% <input type="checkbox"/> Permitted by CA Elec Code (Exception to §130.5(c)) [*]	In construction documents	E1	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

^{*} NOTES: If "Permitted by CA Elec Code" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.
¹ FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES

This Section Does Not Apply

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA
Electrical Power Distribution
 NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION NRCC-ELC-E

CERTIFICATE OF COMPLIANCE
 Project Name: KINGSBURG HIGH SCHOOL CANOPY Report Page: Page 4 of 4
 Project Address: KINGSBURG Date Prepared: 6-25-2020

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: DAVOR P. GOLIK P.E. Documentation Author Signature: *Davor P. Golik*
 Company: DPG ENGINEERING Signature Date: 6-25-2020
 Address: 6702 N CEDAR CEA/HERS Certification Identification (if applicable):
 City/State/Zip: FRESNO CA 93710 Phone: 559 276 5144

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: DAVOR P. GOLIK P.E. Responsible Designer Signature: *Davor P. Golik*
 Company: DPG ENGINEERING Date Signed: 6-25-2020
 Address: License: E17151
 City/State/Zip: Phone:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

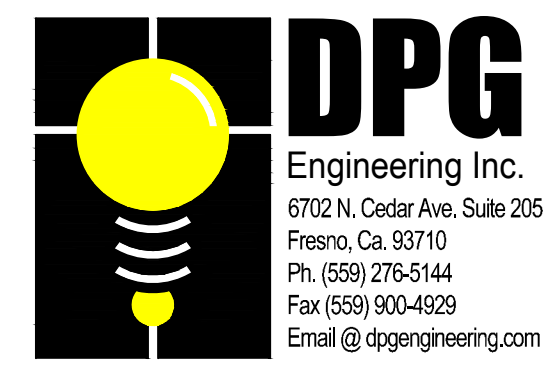
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 SS FLS ACS
 DATE: 10/06/2020



DATE	DESCRIPTION
06/30/20	DSA REVIEW SET
06/18/2020	BACK-CHECK SUBMITTAL

NEW AG BUILDING CANOPY FOR:
 KINGSBURG HIGH SCHOOL
 1900 18th AVENUE
 KINGSBURG, CA 93631
 NRCC

DSA PROJECT NO 02-118435



PROJECT NO.
 17-029.02
 DRAWING
 E300
 www.tgarchitects.com

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