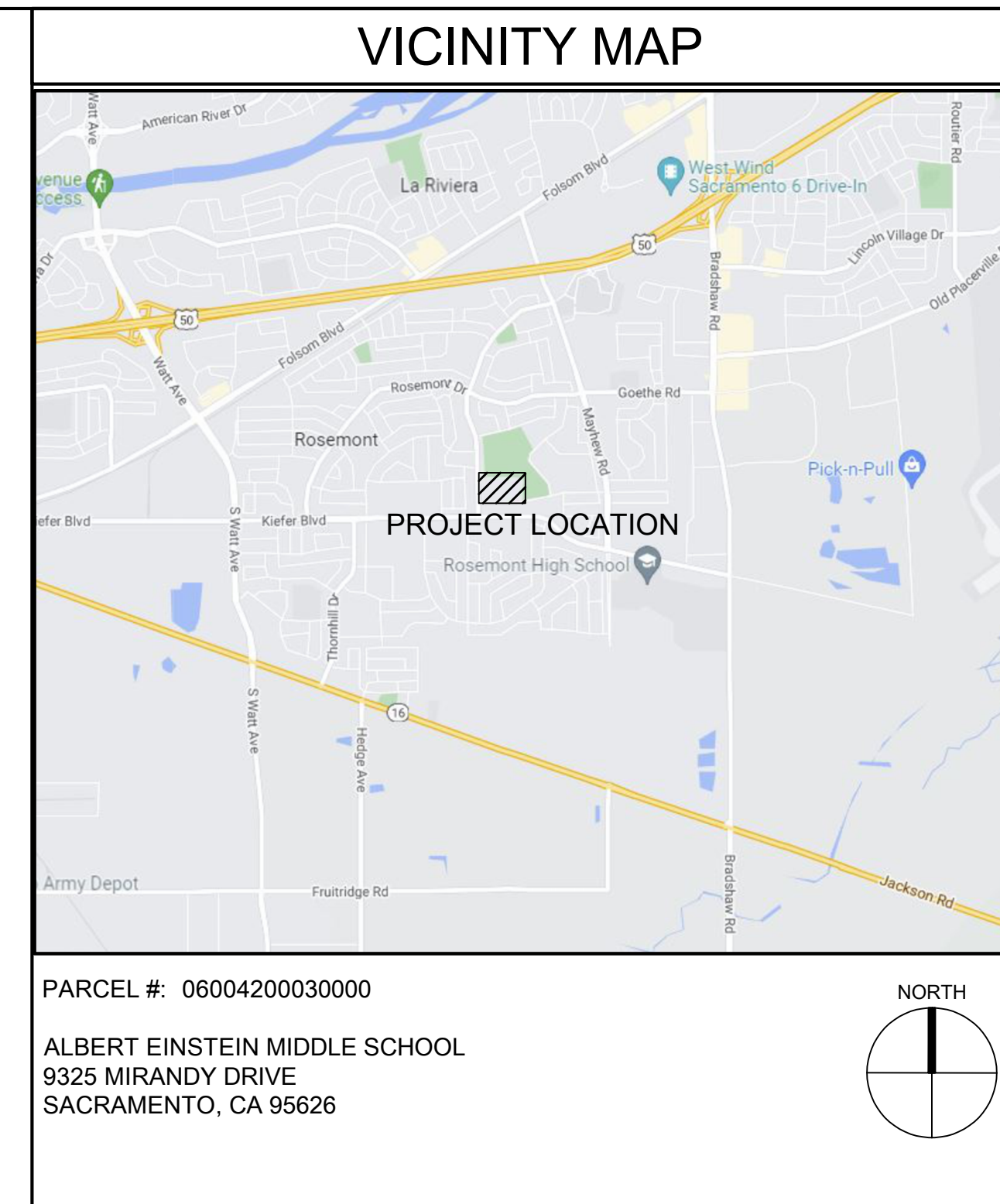


ALBERT EINSTEIN MIDDLE SCHOOL HVAC REPLACEMENT

9325 MIRANDY DRIVE
SACRAMENTO, CA 95826

BID PACKAGE A

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT



PARCEL #: 06004200030000
ALBERT EINSTEIN MIDDLE SCHOOL
9325 MIRANDY DRIVE
SACRAMENTO, CA 95626

AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL
HVAC REPLACEMENT

9325 MIRANDY DR
SACRAMENTO, CA 95826

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

GENERAL NOTES

- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE AND SHALL REPORT ANY DISCREPANCIES IN WRITING TO THE CONSTRUCTION MANAGER BY THE MEANS OF AN REQUEST FOR INFORMATION (RFI) OR AS PART OF THE APPLICABLE SHOP DRAWING/SUBMITTAL.
- SPECIFIC ITEMS NOTED TO BE VERIFIED OR FIELD VERIFIED ARE REQUIRED TO BE VERIFIED PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH THE WORK.
- CONTRACTOR IS RESPONSIBLE FOR ALL INCIDENTAL WORK NECESSARY TO COMPLETE THE INSTALLATION OF NEW WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL AND/OR REINSTALLATION OR ALL EXISTING ITEMS, OF PORTIONS OF THE EXISTING CONSTRUCTION WHETHER SHOWN OR NOT.
- THE EXISTING FACILITY HAS LEAD CONTAINING MATERIAL IN VARIOUS LOCATIONS. ANY PART OF THE WORK REQUIRING REMOVAL OF LEAD CONTAINING MATERIAL SHALL BE PERFORMED IN ACCORDANCE WITH THE LEAD ABATEMENT SPECIFICATIONS IN THE PROJECT MANUAL.
- ALL WORK, MATERIALS, METHODS, ETC. SHALL CONFORM TO ALL GOVERNING BUILDING CODES AND REGULATIONS.
- ANY CONFLICT BETWEEN THESE PLANS AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.
- ALL WORK SHALL BE IN COMPLETE CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS OR AS OTHERWISE OUTLINED IN THE SPECIFICATIONS.
- USE OF ANY NEW MATERIALS CONTAINING LEAD OR ASBESTOS IS PROHIBITED.
- DETAILS, MATERIALS AND SCOPE OF WORK SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS UNLESS SPECIFICALLY NOTED OTHERWISE.
- THE TERM "TYPICAL" OR "(TYP.)" SHALL BE CONSTRUED TO MEAN APPLYING TO ALL LIKE OR SIMILAR CONDITIONS IN THE AREAS DESIGNATED FOR WORK SCOPE.

GENERAL SCOPE OF WORK

HVAC SCOPE INCLUDES, BUT IS NOT LIMITED TO:

- REMOVING (4) EXISTING HVAC UNITS AND ALL CONNECTED ELECTRICAL, GAS, AND CONDENSATE LINES
- INSTALLING (4) NEW OFCI HVAC UNITS IN NEW LOCATIONS WITH NEW ELECTRICAL, GAS, AND CONDENSATE LINES.
- DEMOLISHING EXISTING T-BAR CEILING IN THREE CLASSROOMS AND ADJACENT SPACES SERVING CLASSROOMS (OFFICES, STORAGE ROOMS, RECORDING ROOMS, HALLWAYS, ETC.)
- REROUTING ALL MECHANICAL DUCTWORK TO NEW LOCATIONS IN EACH CLASSROOM
- INSTALLATION OF NEW T-BAR CEILING WITH NEW MECHANICAL VENTS AND LIGHTS.
- REMOVAL OF BUR ROOFING AND INSTALLATION OF NEW SINGLE-PLY ROOFING.

BECAUSE OF THE NATURE OF THE SCOPE OF THE PROJECT, IT HAS BEEN DETERMINED THAT ADA ACCESSIBILITY UPGRADES WILL NEED TO BE MADE AND IDENTIFIED WHICH INCLUDE BUT ARE NOT LIMITED TO:

UPGRADES TO THE GIRL'S RESTROOM:

- DEMOLISHING INTERIOR NON-STRUCTURAL WALLS AND EXISTING TOILET PARTITIONS
- INSTALLING NEW TOILET PARTITIONS
- REPLACEMENT OF SOME TOILET ACCESSORIES
- NEW SIGNAGE

UPGRADES TO THE BOY'S RESTROOM:

- DEMOLISHING INTERIOR NON-STRUCTURAL WALLS AND EXISTING TOILET PARTITIONS
- REMOVAL OF ONE URINAL
- ADDITION OF ONE AMBULATORY STALL INCLUDING NEW TOILET
- INSTALLATION OF NEW TOILET PARTITION SYSTEM
- REPLACEMENT OF TOILET ACCESSORIES
- NEW SIGNAGE

LOCKER ROOM IMPROVEMENTS INCLUDING LOCKER REPLACEMENT, LOCKER ROOM RESTROOM ACCESSIBILITY UPGRADES, AND GYMNASIUM BLEACHER IMPROVEMENTS.

INSTALLATION OF EV CHARGING STATIONS.

SITE WIDE PAVING REPLACEMENT AND/OR RESEALING OF EXISTING SURFACES. ACCESSIBLE PARKING REPLACEMENT.

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PROJECT TEAM

OWNER: SACRAMENTO CITY UNIFIED SCHOOL DISTRICT
5735 47TH AVENUE
SACRAMENTO, CA 95824
PHONE: (916) 643-7400
CONTACT: CHRIS RALSTON

CONSTRUCTION MANAGER: INNOVATIVE CONSTRUCTION SERVICES
5433 EL CAMINO AVENUE #2
CARMICHAEL, CA 95608
(916) 333-5701
CONTACT: ISAAC WHITE

ARCHITECT: NACHT & LEWIS ARCHITECTS
600 Q STREET, SUITE 100
SACRAMENTO, CALIFORNIA 95811
PHONE: (916) 329-4000
CONTACT: NAME OF AOR

STRUCTURAL ENGINEER: DEGENKOLB ENGINEERS
428 J STREET, SUITE 500
SACRAMENTO, CA 95814
PHONE: (916) 418-9100
CONTACT: JASON SCANLAN

CIVIL ENGINEER: WARREN CONSULTING ENGINEERS
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762
PHONE: (916) 985-1870
CONTACT: ANTHONY TESSANO

LANDSCAPE CONSULTANT: MTW GROUP
2707 K STREET, #201
SACRAMENTO, CA 95816
PHONE: (916) 369-3660
CONTACT: BRYAN WALKER

MECHANICAL/PLUMBING ENGINEER: CAPITAL ENGINEERING
11020 SUN CENTER DRIVE, SUITE 100
RANCHO CORDOVA, CA 95670
PHONE: (916) 851-3500
CONTACT: MATT BROOKS

ELECTRICAL ENGINEER: CAPITAL ENGINEERING
11020 SUN CENTER DRIVE, SUITE 100
RANCHO CORDOVA, CA 95670
PHONE: (916) 851-3500
CONTACT: MATT BROOKS

FIRE ALARM: KMM SERVICES, INC.
5433 EL CAMINO AVE #5
CARMICHAEL, CA 95608
PHONE: (916) 359-4000
CONTACT: RONNY KAGSTROM

ABBREVIATIONS AND SYMBOLS

Q. CENTERLINE	JT. JOINT
# DIAMETER OR ROUND	M.B. MARKER BOARD
(E) EXISTING	M.H. MANHOLE
	MTL. METAL
A.C. ASPHALT CONCRETE	(N) NEW
A.C.C. ACCESSIBLE	N.I.C. NOT IN CONTRACT
A.D. AREA DRAIN	NO. or # NUMBER
A.F.F. ABOVE FINISH FLOOR	N.T.S. NOT TO SCALE
ALUM. ALUMINUM	
ASPH. ASPHALT	
BD. BOARD	O.C. ON CENTER
BLDG. BUILDING	O.F.C.I. OWNER FURNISHED CONTR. INSTAL.
BOT. BOTTOM	O.F.O.I. OWNER FURNISHED OWNER INSTAL.
CAB. CABINET	OPNG. OPENINGS
C.G. CORNER GUARD	OPP. OPPOSITE
C.J. CONSTRUCTION JOINT	P.L. PROPERTY LINE
CLG. CEILING	P-LAM. PLASTIC LAMINATE
CLR. CLEAR	P.W.D. PLYWOOD
C.M.U. CONCRETE MASONRY UNIT	PREP. PREPARATION
COL. COLUMN	P.P. PIPE PENTRATION
CONC. CONCRETE	PRTN. PARTITION
CONT. CONTINUOUS	P.V. PIPE VENT
C.F.C.I. CONTRACTOR FURNISHED CONTRACTOR INSTALLED	
CTR. CENTER	R. RISER/RADIUS
DEMO. DEMONSTRATION	R.D. ROOF DRAIN
D.F. DRINKING FOUNTAIN	REF. REFERENCED
DIA. DIAMETER	R.O.D. ROOF HATCH
DIM. DIMENSION	R.W.L. RAIN WATER LEADER
D.S. DOWNSPOUT	
DTL. DETAIL	
DWG. DRAWING	SIM. SIMILAR
	STOR. STORAGE
E.F. EXHAUST FAN	SPEC. SPECIFICATION
E.J. EXPANSION JOINT	S.S. STAINLESS STEEL
EMERG. EMERGENCY	STD. STANDARD
ELEV. ELEVATION	STL. STEEL
E.W.C. ELECTRIC WATER COOLER	STR.L. STRUCTURAL
	SUSP. SUSPENDED
	SYM. SYMMETRICAL
F.D. FLOOR DRAIN	T.B. TACK BOARD
F.E. FIRE EXTINGUISHER	T.C. TOP OF CURB
F.H.C. FIRE HOSE CABINET	T.O.C. TOP OF CONCRETE
FIN. FINISH	T.O.S. TOP OF STEEL
FL. FLOOR	T.O.P. TOP OF PLATE
F.O.C. FACE OF CONCRETE	T.V. TELEVISION
F.O.F. FACE OF FINISH	T.O.W. TOP OF WALL
F.O.S. FACE OF STUDS	TYP. TYPICAL
F.O.W. FACE OF WALL	
F.R.P. FIBERGLASS REINFORCED PLASTIC	U.O.N. UNLESS OTHERWISE NOTED
	U.V. UNIT VENTILATOR
GA. GAUGE	VERT. VERTICAL
GALV. GALVANIZED	V.H. VENT HOOD
G.B. GRAB BAR	VTR. VENT THROUGH ROOF
GYP. GYPSUM	
H.B. HOSE BIBB	W/ WITH
H.C. HOLLOW CORE	W.C. WATER CLOSET
HGT. HT. HEIGHT	WD. WOOD
H.M. HOLLOW METAL	W/O WITHOUT
HR. HOUR	W.W.F. WELDED WIRE FABRIC
HVAC HVAC UNIT	W.V. WATER VALVE

APPLICABLE CODES

ALL WORK SHALL CONFORM TO THE FOLLOWING AND ALL OTHER APPLICABLE CODES AND ORDINANCES:

2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R.
2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R.
2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.
2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R.
2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.
2019 CALIFORNIA GREEN CODE, PART 11, TITLE 24, C.C.R.
2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
2019 ELEVATOR SAFETY ORDERS, PART 8, DIVISION 1, CHAPTER 4, SUBCHAPTER 6, TITLE 24, C.C.R.
2019 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS
2016 NFPA 13, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED
2016 NFPA 14, INSTALLATION OF STANDPIPE, PRIVATE HYDRANT, AND HOSE SYSTEMS
2016 NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
2016 NFPA 72, NATIONAL FIRE ALARM CODE, AS AMENDED

SYMBOLS LEGEND

SEE INDIVIDUAL SHEETS FOR ADDITIONAL SHEET SPECIFIC SYMBOLS/ LEGENDS NOT INDICATED
HERE - NOT ALL SYMBOLS/ LEGENDS WILL APPLY.

ROOM NAME	OFFICE	OPENING	34
ROOM NO.	T108	KEYNOTE	6
SECTION	SECTION NUMBER	WALL TYPE	3
	SHEET NUMBER	DATUM	
DETAIL	DETAIL NUMBER	WORK POINT OR CONTROL POINT	
	SHEET NUMBER	DIMENSION MARKS	
INTERIOR ELEVATION	DETAIL NUMBER	ELEVATION ORIENTATION	
	SHEET NUMBER		

ARCHITECT'S STATEMENT OF GENERAL CONFORMANCE

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))

BRIAN J. MAYTUM ARCHITECT
JANUARY 22, 2024
DATE

C-26867 LICENSE NO.
JANUARY 31, 2025 EXPIRATION DATE

BLEACHER SYSTEM

SH01	COVER SHEET
FP01	PLAN OF SEATING: BANK A
SC01	SECTION VIEW: BANK A
DT01	DETAILS
DT02	WALL BUCK LAYOUT: BANK A
CS1	COVER SHEET
CS1A	SPECIFICATIONS FOR MAXAM BLEACHERS
CS1B	SPECIFICATIONS FOR MAXAM BLEACHERS
CS2	PLAN OF SEATING: 9 5/8" RISE WITH COURTSIDE...
CS3	ELEVATION OF SEATING: 9 5/8" RISE
CS4	REAR VIEW OF 1-19 TIERS: 9 5/8" RISE
CS5	MAXAM SINGLE TIER ISO VIEW
D1	DECK CROSS SECTIONS
D2	DECK STABILIZER ASSEMBLY
D3	SEAT CONNECTION DETAILS
D4	FLEX ROW UNIT
D4A	FLEX ROW FRAME ASSEMBLY
D4B	END CUTOUTS: FIRST TIER
D4C	END CUTOUT FRAME ASSEMBLY
D5	TIER 2 POWERED FRAME ASSEMBLY
D6	FRAME ASSEMBLY: 9 5/8" RISE
D7	FRAME COMPONENT DETAILS
D8	TOP DECK SECTIONS CONTINUOUS WOOD BUCK
D8A	TOP DECK ATTACHMENT DETAILS
D9	FLOOR ATTACHMENT DETAILS
D9A	LOWER WALL ATTACHMENT DETAILS
D9B	WALL BUCK ATTACHMENT DETAILS
D10	INTERMEDIATE & REMOVABLE FRONT AISLE STEP...
D10A	HINGED FRONT AISLE STEP ASSEMBLY
D11	AISLE HANDRAILS AND SOCKETS
D11B	ROTATING AISLE HANDRAIL ASSEMBLY AND DETAILS:...
D12	END RAIL ASSEMBLY & DETAILS
D12A	RAIL KICK OUT ASSEMBLY & DETAILS
D12B	TOP END RAIL ASSEMBLY AND CONTINUOUS WOOD...

SHEET COUNT: 139

DEFERRED APPROVAL ITEMS

NONE.

REVISIONS

NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

DATE: 06/19/2023
JOB NO.: Y2243.00
SHEET TITLE
COVER SHEET
SHEET NO. G000



CONSULTANT

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ARCHITECT

CONSTRUCTION DOCUMENTS

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-FOURTH INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET

BID PACKAGE A



GENERAL NOTES

- 1. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY...
2. WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS...
3. IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION...
4. CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION...
5. THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY...
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE NECESSARY PRE-CONSTRUCTION SITE REVIEWS TO DETERMINE NECESSARY MEANS AND METHODS TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS...
7. WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS...
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION...
9. IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE...
10. NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS...
11. SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS...
12. ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS...
13. CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT...
14. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING...
15. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING...
16. NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE...
17. WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER...
18. ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP...
19. ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING...
20. 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED...
21. SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS...
22. ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDROSEEDED UNLESS OTHERWISE NOTED...
23. REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01...

ABBREVIATIONS

- NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.
AB AGGREGATE BASE
AC ASPHALTIC CONCRETE
AD AREA DRAIN
AFN ASSESSOR'S PARCEL NUMBER
ARY AIR RELEASE VALVE
ASB AGGREGATE SUB-BASE
BO BLOW-OFF VALVE
BV BUTTERFLY VALVE
BW BACK OF WALK
C/L CENTERLINE
CB CATCH BASIN
CJ CONTIGUOUS JOINT
CL CLASS
CMP CORRUGATED METAL PIPE
CATV CABLE TELEVISION
CO CLEANOUT
COMM COMMUNICATION
CONC. CONCRETE
CONST. CONSTRUCT
CR CURB RETURN
CS CONCRETE SURFACE
DC DOUBLE CHECK VALVE
DDC DOUBLE DETECTOR CHECK VALVE
DG DECOMPOSED GRANITE
DI DROP INLET
DIA DIAMETER
DIP DUCTILE IRON PIPE
DWG DRAWING
DS DOWNSPOUT
E ELECTRIC
EJ EXPANSION JOINT
EP EDGE OF PAVEMENT
ESMT EASEMENT
EX EXISTING
FS FIRE SERVICE LINE
FDC FIRE DEPARTMENT CONNECTION
FL FLOWLINE
FM SANITARY SEWER FORCE MAIN
FF FINISHED FLOOR ELEVATION
FH FIRE HYDRANT
G GAS
GB GRADE BREAK
GR GRATE ELEVATION
GRD GRADE ELEVATION
GV GATE VALVE
HB HOSE BIBB
HBD HEADER BOARD
HDPE HIGH DENSITY POLYETHYLENE PIPE
HP HIGH POINT
INV PIPE INVERT ELEVATION
JU JOINT UTILITY POLE
LF LINEAL FEET
LIP LIP OF GUTTER
LT LEFT
MS MOWSTRIP
NTS NOT TO SCALE
OH OVERHEAD
PAD BUILDING PAD
PCC PORTLAND CEMENT CONCRETE
PD PLANTER DRAIN
PIV POST INDICATOR VALVE
P/L PROPERTY LINE
PP POWER POLE
PUE PUBLIC UTILITY EASEMENT
PVC POLYVINYL CHLORIDE
RCP REINFORCED CONCRETE PIPE
R RADIUS
RIM MANHOLE RIM ELEVATION (SOLID COVER)
RP REDUCED PRESSURE BACKFLOW PREVENTER
RW RIGHT OF WAY
SCH SCHEDULE
SD STORM DRAIN
SDMH STORM DRAIN MANHOLE
SG SUBGRADE ELEVATION
SP FIRE SPRINKLER SERVICE
SS SANITARY SEWER
SSMH SANITARY SEWER MANHOLE
STD STANDARD
S/W SIDEWALK
TEL TELEPHONE
TC TOP OF CURB
TD TRENCH DRAIN
TDCB TRENCH DRAIN CATCH BASIN
TP TELEPHONE POLE
TRW TOP OF RETAINING WALL
TSW TOP OF SEAT WALL
TW TOP OF WALK ELEVATION
U UTILITY
UG UNDERGROUND
UON UNLESS OTHERWISE NOTED
VCP VITRIFIED CLAY PIPE
W WATER
W/ WITH
W/O WITHOUT
WV WATER VALVE

LEGEND

- NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.
PROPOSED GRADING & DRAINAGE SYMBOLS:
8" SD STORM DRAIN LINE (SIZE AND FLOW SHOWN)
SDMH STORM DRAIN MANHOLE (SDMH)
CB CATCH BASIN (CB)
DI DROP INLET (DI)
AD AREA DRAIN (AD)
PD PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
CO STORM DRAIN CLEANOUT
99.99 ELEVATION
FF=100.00 FINISHED FLOOR ELEVATION
PAD=99.33 BUILDING PAD ELEVATION
CONCRETE SIDEWALK
GRADED DIRECTION FOR DRAINAGE FLOW
SWALE
SLOPE
TREE TO BE REMOVED
RETAINING WALL
PROPOSED SANITARY SEWER SYMBOLS:
8" SS SANITARY SEWER LINE (SIZE AND FLOW SHOWN)
SSMH SANITARY SEWER MANHOLE (SSMH)
CO STORM DRAIN CLEANOUT FLUSHER BRANCH
PROPOSED WATER SYMBOLS:
8" W WATER LINE & SIZE
8" FS FIRE LINE & SIZE
8" DW DOMESTIC WATER LINE & SIZE
8" RW RECLAIMED WATER LINE & SIZE
8" IRR IRRIGATION SERVICE LINE & SIZE
8" NP NON POTABLE WATER LINE & SIZE
8" SP FIRE SPRINKLER SERVICE LINE & SIZE
GATE VALVE
WATER METER
FIRE HYDRANT ASSEMBLY
FDC FIRE DEPARTMENT CONNECTION
DC DETECTOR CHECK VALVE
DDC DOUBLE DETECTOR CHECK VALVE
RP REDUCED PRESSURE BACKFLOW PREVENTER
BUTTERFLY VALVE
AIR RELEASE VALVE + SIZE
BLOW-OFF VALVE + SIZE
PIV POST INDICATOR VALVE

CIVIL SHEET INDEX

Table with 3 columns: NO., DESCRIPTION, DATE. Lists sheets C0.1 through C6.1 including CIVIL GENERAL NOTES AND ABBREVIATIONS, TOPOGRAPHIC SURVEY, DEMOLITION PLAN, ENGINEERED FILL PLAN, GRADING PLAN, PAVING AND STRIPING PLAN, EROSION CONTROL PLAN, and DETAILS AND SECTIONS.

AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL HVAC REPLACEMENT

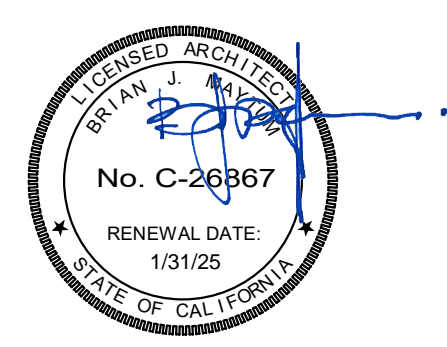
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

9325 MIRANDY DR SACRAMENTO, CA 95826



CONSULTANT

nacht & lewis 600 Q Street, Suite 100 Sacramento, CA 95811 www.nachtlewis.com 916.329.4000



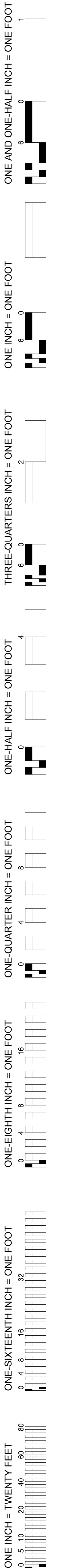
ARCHITECT

Table with 3 columns: NO., DESCRIPTION, DATE. Lists revisions: 1 DSA SUBMITTAL SET (12/22/2022), 2 DSA BACKCHECK SET (06/19/2023).

DATE 06/19/2023 JOB NO. Y2243.00 SHEET TITLE CIVIL GENERAL NOTES AND ABBREVIATIONS

SHEET NO.

C0.1



ALBERT EINSTEIN MIDDLE SCHOOL HVAC REPLACEMENT

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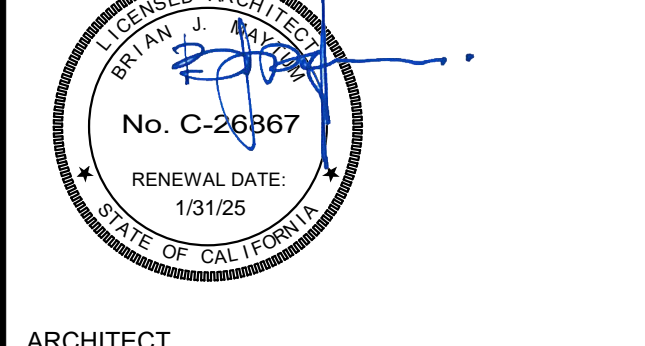
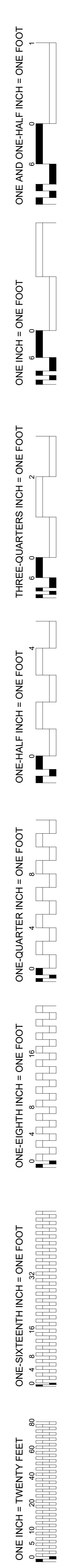
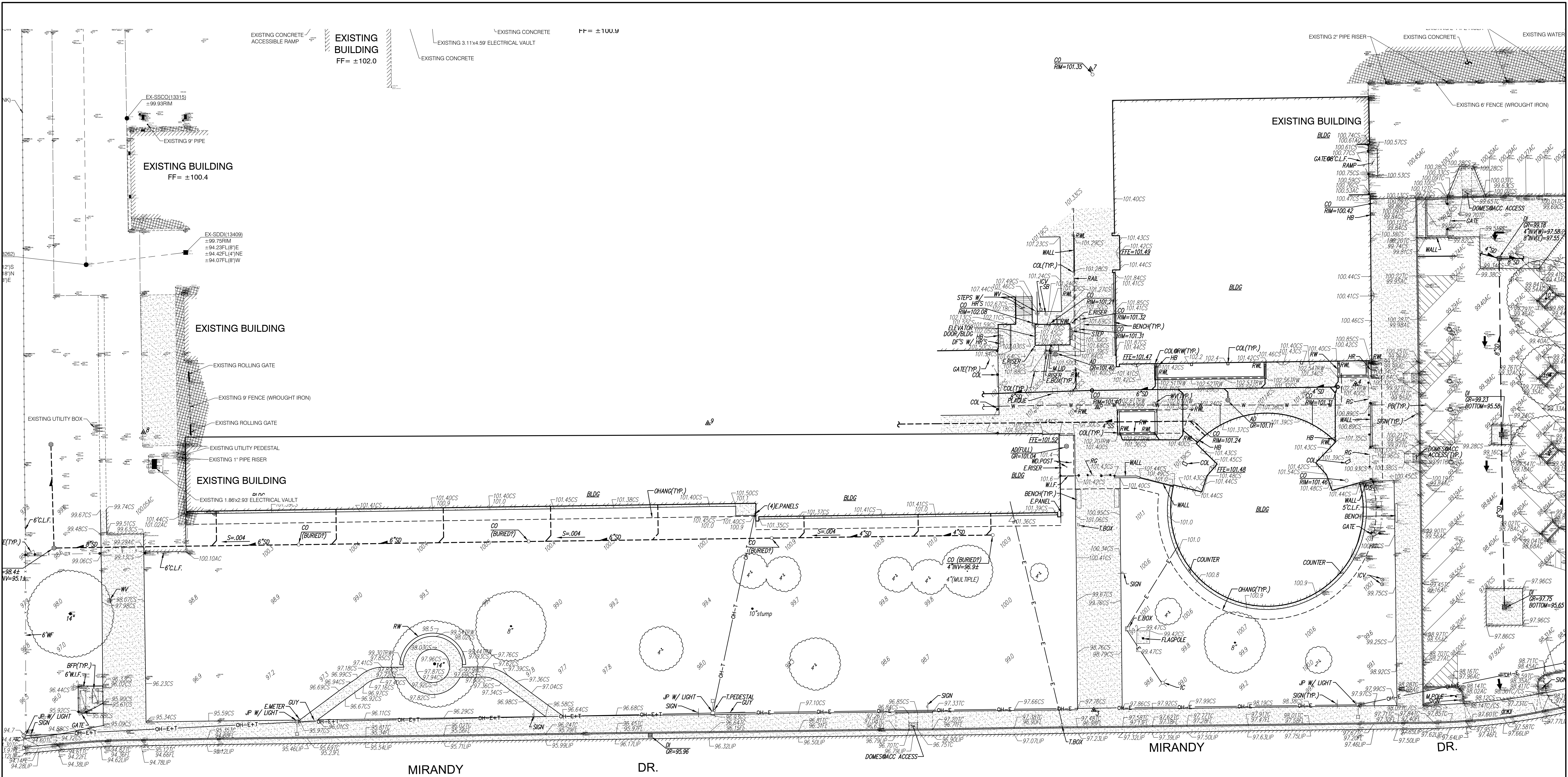


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DATE: 06/19/2023 JOB NO.: Y2243.00 SHEET TITLE:

TOPOGRAPHIC SURVEY

SHEET NO. C0.2



EXISTING TOPOGRAPHY

- Legend for existing topography symbols: property line, centerline, easement, property corner, drainage flow, fence, tree, slope, contour, concrete surface, edge of asphalt, edge of building, sign, post or bollard, ground elevation, hard surface elevation.

EXISTING UTILITIES

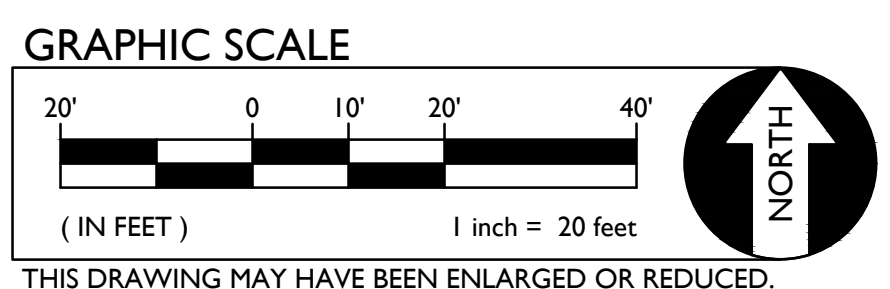
- Legend for existing utilities symbols: storm drain line, sanitary sewer line, water line, gas line, electric line, telephone line, fire hydrant, backflow preventer, sprinkler, etc.

ABBREVIATIONS

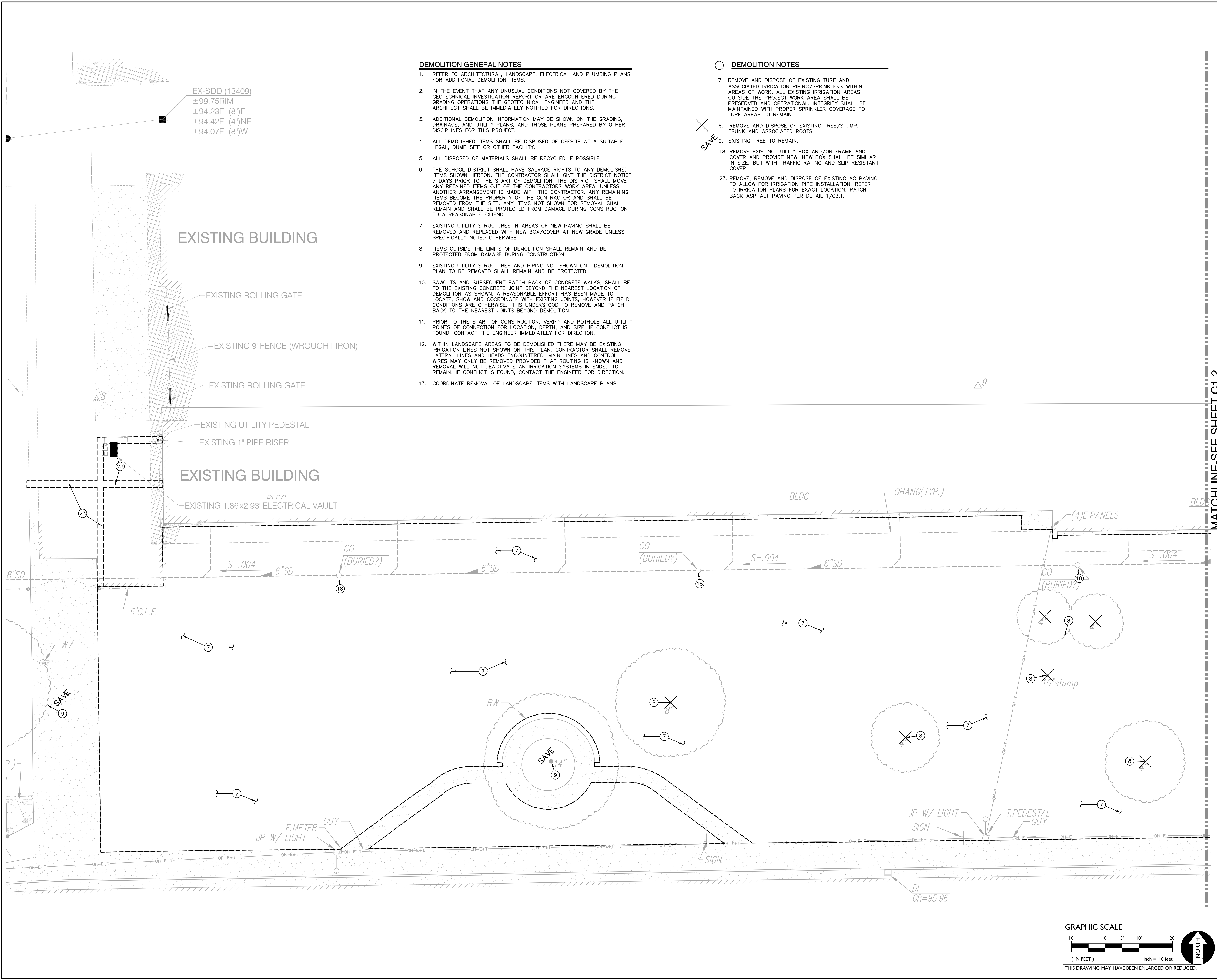
- Legend for abbreviations: AC, ACC, ACU, AD, APN, APP, B, BCM, BCF, BLDG, BOL, BOV, BR, B.W.F., C, CATV, CIP, C.L.F., CMP, COL, CONC, COND., CPF, CPS, CS, CO, DF, DFC, DI, DIA, DRIVEWAY, DS, DWG, E, ESM, F, FDC, FFE, FH, FL, FLOWLINE, FO, FS, GAS, GB, GR, GRB, GROD, GV, H, HBD, HP, HR, HIVE, HWP, ICP, ICV, INV, IRR, etc.

TBM LIST

Table with 4 columns: NUMBER, DESCRIPTION, NORTHING, EASTING, ELEVATION. Lists 4 points with coordinates and elevations.



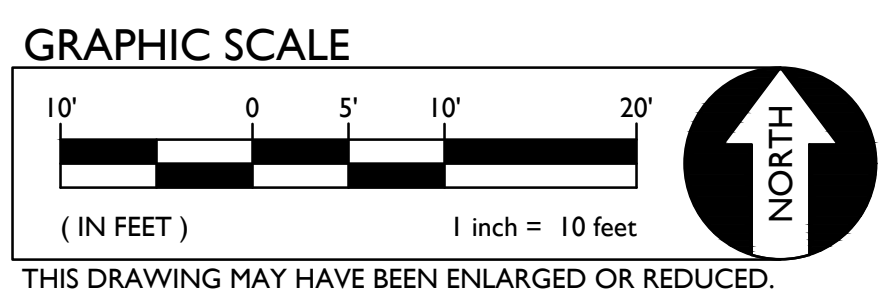
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 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



- DEMOLITION GENERAL NOTES**
- REFER TO ARCHITECTURAL, LANDSCAPE, ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL DEMOLITION ITEMS.
 - IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
 - ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
 - ALL DEMOLISHED ITEMS SHALL BE DISPOSED OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
 - ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
 - THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTEND.
 - EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
 - ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
 - EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.
 - SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS. HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
 - PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.
 - WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
 - COORDINATE REMOVAL OF LANDSCAPE ITEMS WITH LANDSCAPE PLANS.

- DEMOLITION NOTES**
- REMOVE AND DISPOSE OF EXISTING TURF AND ASSOCIATED IRRIGATION PIPING/SPRINKLERS WITHIN AREAS OF WORK. ALL EXISTING IRRIGATION AREAS OUTSIDE THE PROJECT WORK AREA SHALL BE PRESERVED AND OPERATIONAL. INTEGRITY SHALL BE MAINTAINED WITH PROPER SPRINKLER COVERAGE TO TURF AREAS TO REMAIN.
 - REMOVE AND DISPOSE OF EXISTING TREE/STUMP, TRUNK AND ASSOCIATED ROOTS.
 - EXISTING TREE TO REMAIN.
 - REMOVE EXISTING UTILITY BOX AND/OR FRAME AND COVER AND PROVIDE NEW. NEW BOX SHALL BE SIMILAR IN SIZE, BUT WITH TRAFFIC RATING AND SLIP RESISTANT COVER.
 - REMOVE, REMOVE AND DISPOSE OF EXISTING AC PAVING TO ALLOW FOR IRRIGATION PIPE INSTALLATION. REFER TO IRRIGATION PLANS FOR EXACT LOCATION. PATCH BACK ASPHALT PAVING PER DETAIL 1/C3.1.

MATCHLINE-SEE SHEET C1.2



AGENCY APPROVAL

**ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT**

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SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

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REGISTERED ARCHITECT
ANTHONY J. TASSANO
 No. C-26867
 RENEWAL DATE: 1/31/25
 STATE OF CALIFORNIA

ARCHITECT

CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

DATE 06/19/2023
 JOB NO. Y2243.00
 SHEET TITLE

DEMOLITION PLAN

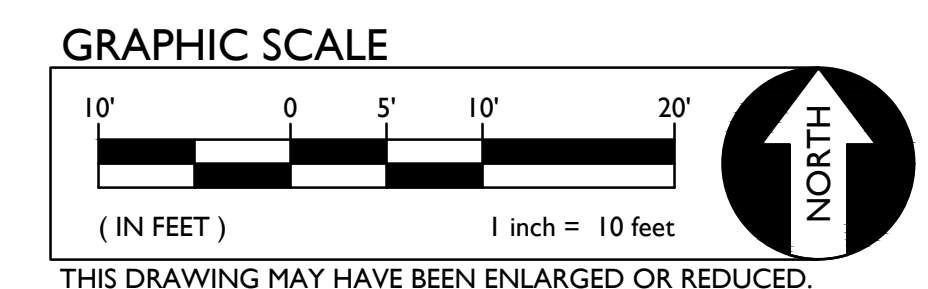
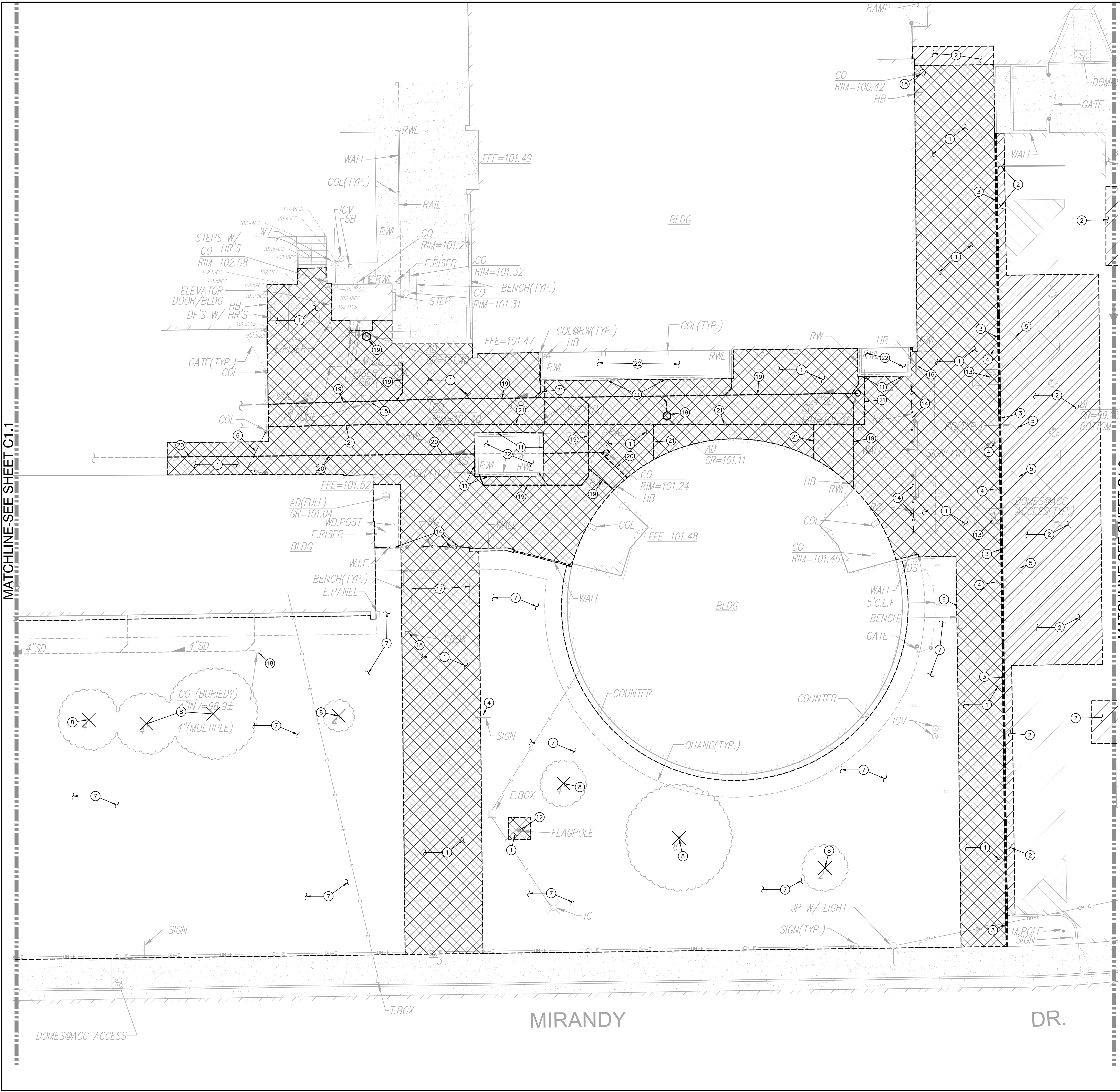
SHEET NO.

C1.1

BID PACKAGE A

- DEMOLITION GENERAL NOTES**
- REFER TO ARCHITECTURAL, LANDSCAPE, ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL DEMOLITION ITEMS.
 - IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
 - ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
 - ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
 - ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
 - THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTENT.
 - EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED AND REPLACED WITH NEW BOX/COVER AT NEW GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
 - ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
 - EXISTING UTILITY STRUCTURES AND PIPING NOT SHOWN ON DEMOLITION PLAN TO BE REMOVED SHALL REMAIN AND BE PROTECTED.
 - SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND THE NEAREST LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
 - PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.
 - WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.
 - COORDINATE REMOVAL OF LANDSCAPE ITEMS WITH LANDSCAPE PLANS.

- DEMOLITION NOTES**
- SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
 - SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
 - REMOVE AND DISPOSE OF EXISTING CONCRETE CURB TO EXTENT SHOWN.
 - REMOVE AND DISPOSE OF EXISTING SIGN, POST AND FOOTINGS.
 - REMOVE AND SALVAGE EXISTING PARKING BUMPER FOR REINSTALLATION.
 - REMOVE AND SALVAGE EXISTING BENCH, REINSTALL FOLLOWING PLACEMENT OF NEW CONCRETE.
 - REMOVE AND DISPOSE OF EXISTING TURF AND ASSOCIATED IRRIGATION PIPING/SPRINKLERS WITHIN AREAS OF WORK. ALL EXISTING IRRIGATION AREAS OUTSIDE THE PROJECT WORK AREA SHALL BE PRESERVED AND OPERATIONAL. INTEGRITY SHALL BE MAINTAINED WITH PROPER SPRINKLER COVERAGE TO TURF AREAS TO REMAIN.
 - REMOVE AND DISPOSE OF EXISTING TREE, TRUNK AND ASSOCIATED ROOTS.
 - EXISTING TREE TO REMAIN.
 - BLACK OUT EXISTING STRIPING.
 - EXISTING SEAT WALL TO REMAIN.
 - REMOVE AND RELOCATE EXISTING FLAG POLE, DISPOSE OF ASSOCIATED FOOTING.
 - REMOVE AND DISPOSE OF EXISTING TRUNCATED DOMES.
 - REMOVE AND DISPOSE OF EXISTING FENCE, GATES, POSTS AND ASSOCIATED FOOTINGS.
 - REMOVE AND SALVAGE EXISTING PLAQUE AND RETURN TO DISTRICT FOR RELOCATION.
 - REMOVE AND DISPOSE OF EXISTING BENCH.
 - REMOVE EXISTING UTILITY BOX AND/OR FRAME AND COVER AND PROVIDE NEW. NEW BOX SHALL BE SIMILAR IN SIZE, BUT WITH TRAFFIC RATING AND SLIP RESISTANT COVER.
 - REMOVE AND DISPOSE OF EXISTING STORM DRAIN PIPE TO EXTENTS SHOWN.
 - REMOVE AND DISPOSE OF EXISTING SEWER PIPE TO EXTENTS SHOWN.
 - REMOVE AND DISPOSE OF EXISTING WATER PIPE TO EXTENTS SHOWN.
 - REMOVE AND DISPOSE OF SHRUBS, VEGETATION AND ASSOCIATED IRRIGATION.



AGENCY APPROVAL

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REGISTERED ARCHITECT
ANTHONY J. TASSANO
No. C-26867
RENEWAL DATE: 1/31/25
STATE OF CALIFORNIA

ARCHITECT

CONSTRUCTION DOCUMENTS

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1	DSA SUBMITTAL SET	12/22/2022
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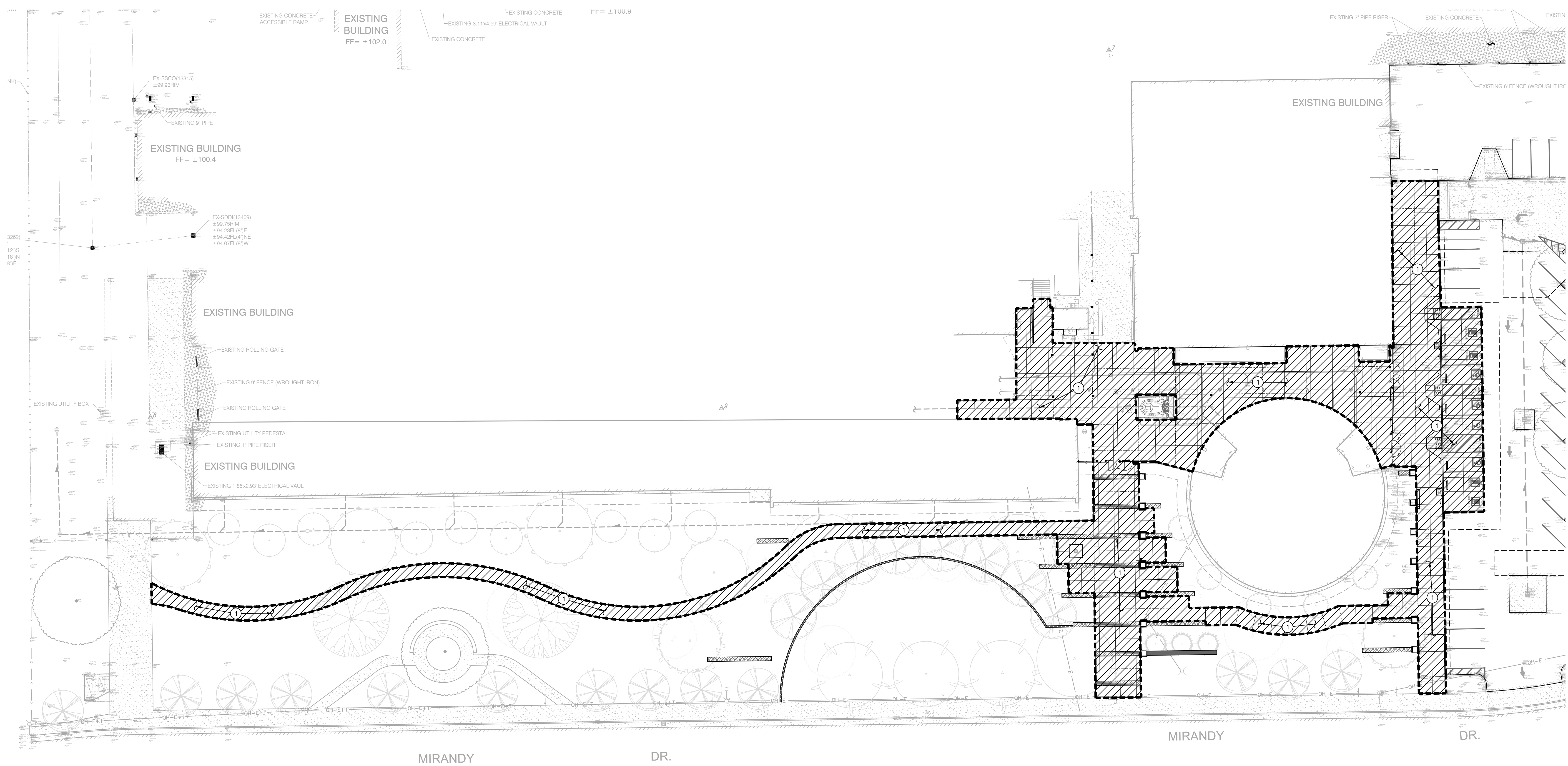
DATE 06/19/2023
JOB NO. Y2243.00
SHEET TITLE

**DEMOLITION
PLAN**

SHEET NO. **C1.2**

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET

ONE AND ONE-HALF INCH = ONE FOOT
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ENGINEERED FILL NOTES

- 1. FOLLOWING SITE CLEARING, STRIPPING AND DEMOLITION ACTIVITIES:
EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES, MOISTURE CONDITION TO AT LEAST THE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT RELATIVE COMPACTION. THE UPPER 6 INCHES OF PAVEMENT SUBGRADES SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT RELATIVE COMPACTION.

FILL, IF REQUIRED, SHALL BE PLACED IN LIFTS NOT EXCEEDING 6 INCHES IN COMPACTED THICKNESS, WITH EACH LIFT BEING THOROUGHLY MOISTURE CONDITIONED TO AT LEAST THE OPTIMUM MOISTURE CONTENT AND COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION WITH THE UPPER 6 INCHES OF PAVEMENT SUBGRADE BEING COMPACTED TO NOT LESS THAN 95 PERCENT RELATIVE COMPACTION.

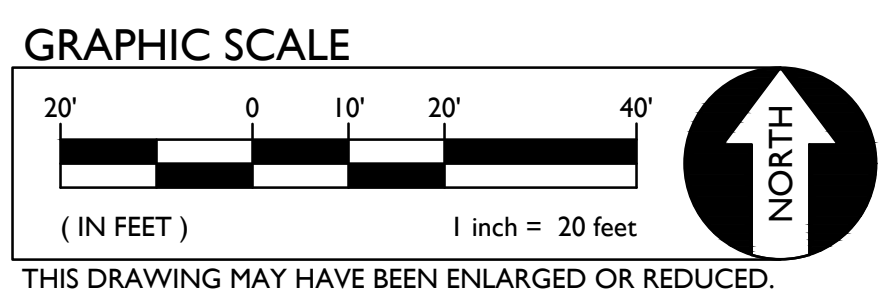
ENGINEERED FILL GENERAL NOTES

IN THE EVENT THAT ANY UNUSUAL CONDITIONS ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL LABORATORY OF RECORD AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED IN WRITING FOR DIRECTIONS.

NO BURNING OR BLASTING SHALL BE PERMITTED.

THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE OWNER TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.

AN UNDERGROUND SERVICE UTILITY LOCATOR WILL BE CONTACTED PRIOR TO EXCAVATION.

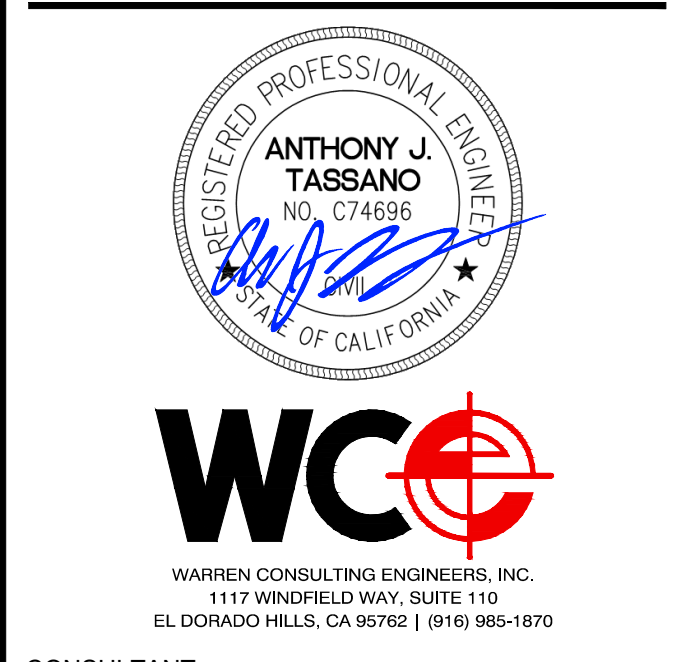


AGENCY APPROVAL

**ALBERT EINSTEIN MIDDLE SCHOOL
HVAC REPLACEMENT**

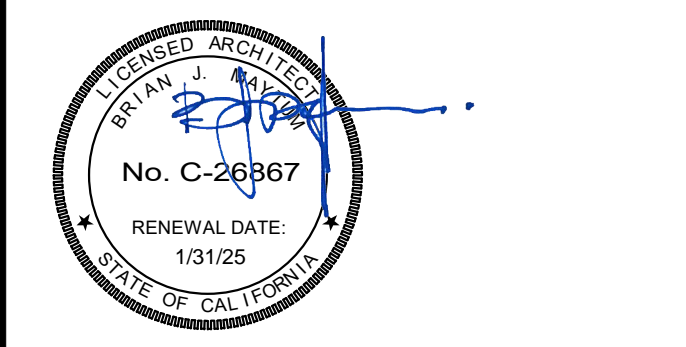
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CONSTRUCTION DOCUMENTS

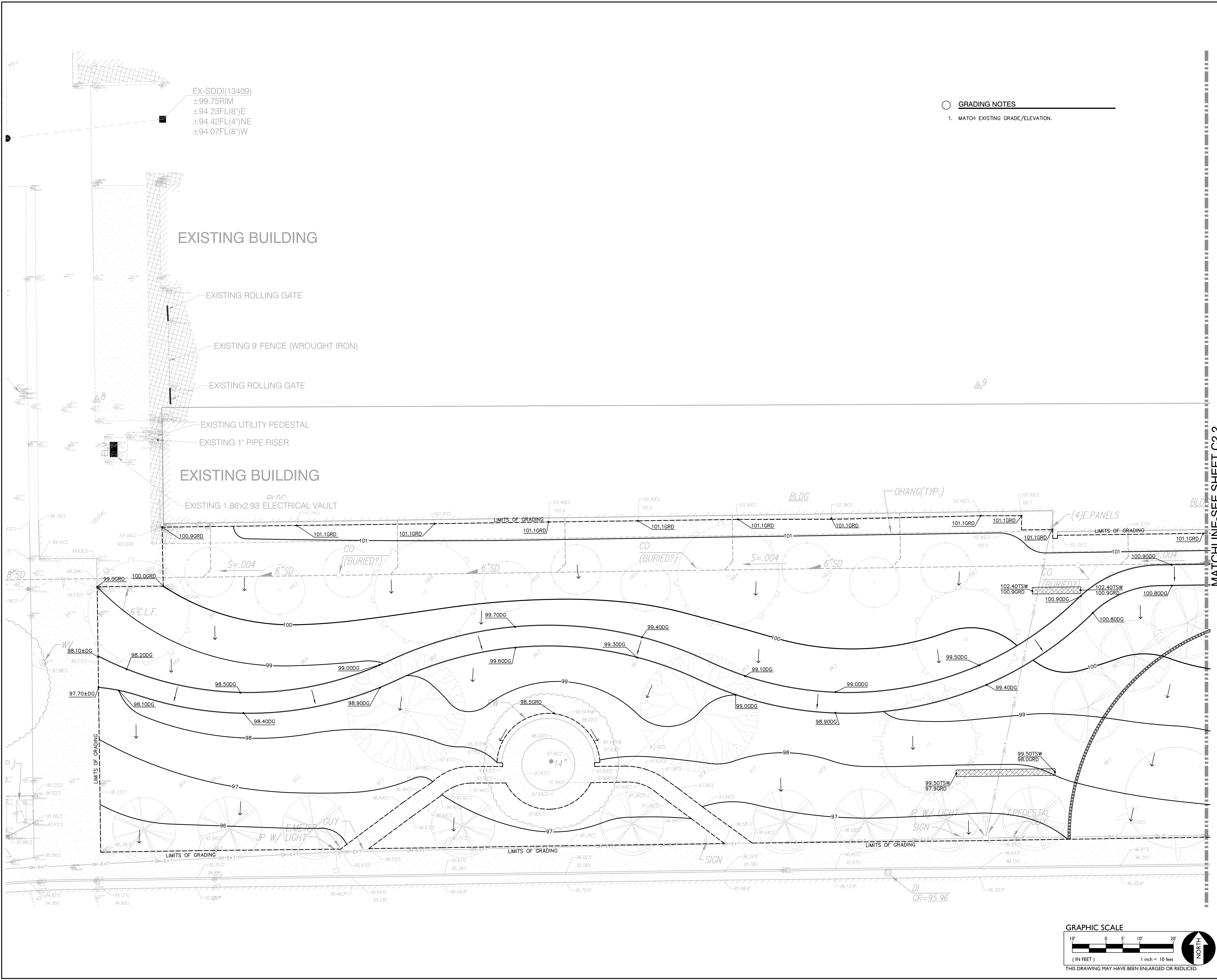
REVISIONS		
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DATE 06/19/2023
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SHEET TITLE

**ENGINEERED
FILL PLAN**

SHEET NO.
C1.4

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
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ONE INCH = TWENTY FEET



- GRADING NOTES**
1. MATCH EXISTING GRADE/ELEVATION.

MATCHLINE-SEE SHEET C2.2

AGENCY APPROVAL

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No. C-26367
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ARCHITECT

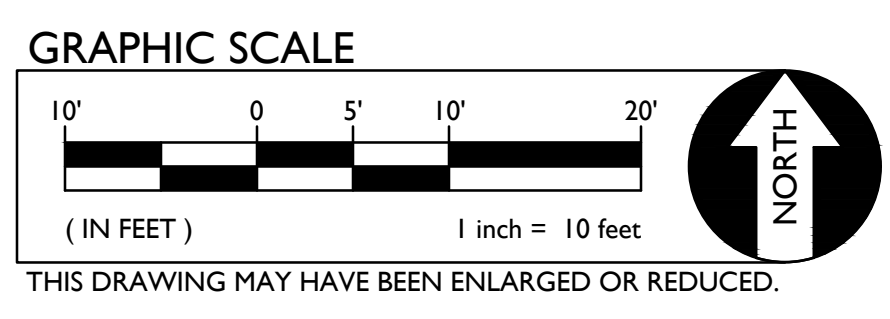
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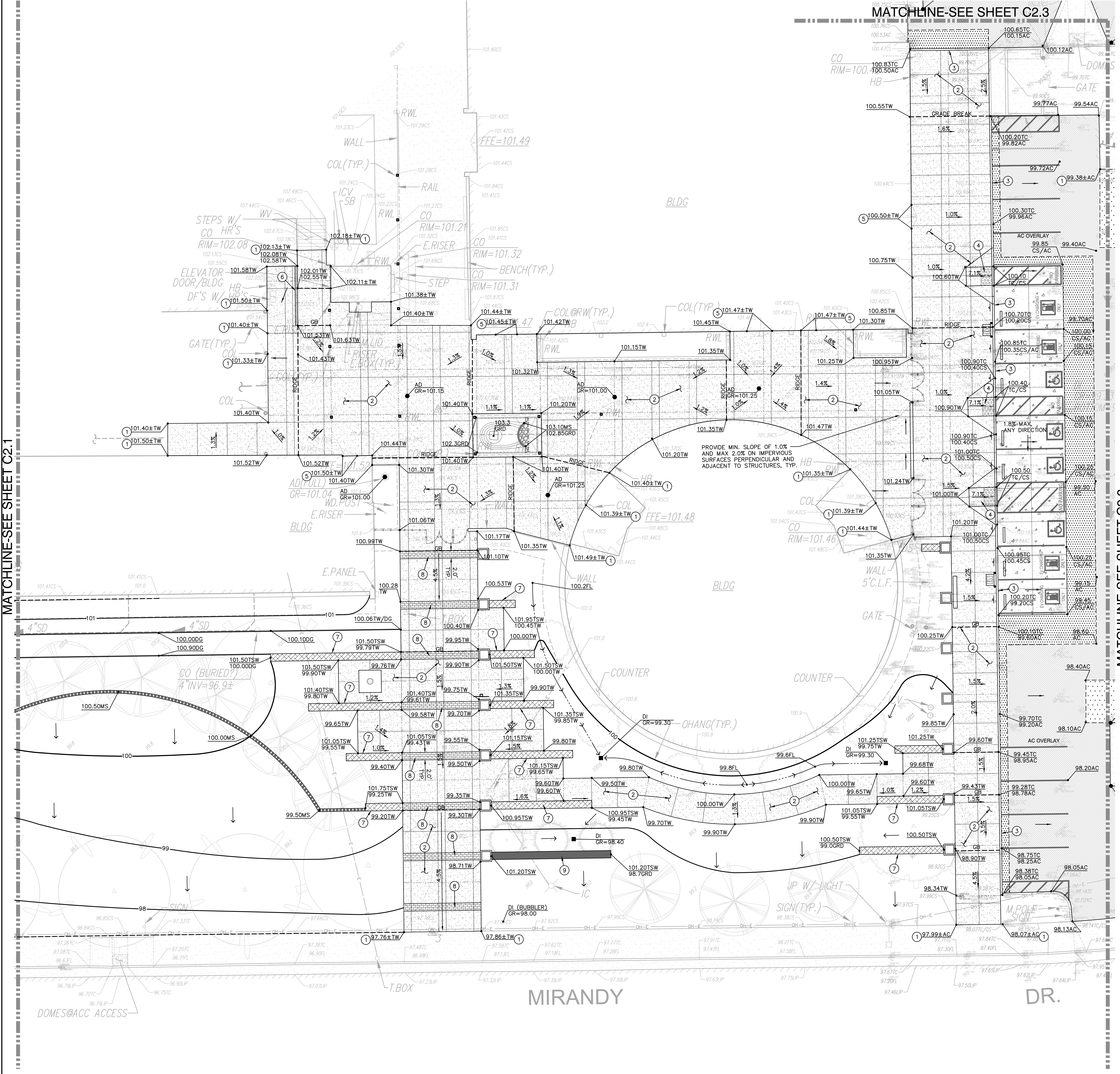
DATE 06/19/2023
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SHEET TITLE

GRADING PLAN

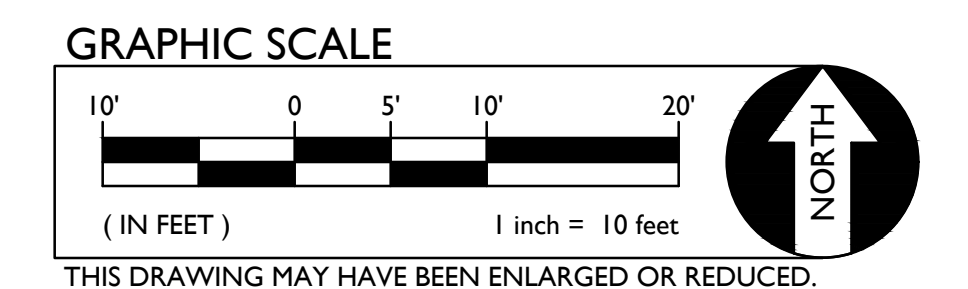
SHEET NO. **C2.1**



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 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



- GRADING NOTES**
- MATCH EXISTING GRADE/ELEVATION.
 - CONSTRUCT CONCRETE SIDEWALK PER (1) C6.1
 - CONSTRUCT CONCRETE CURB PER (2) C6.1
 - CONSTRUCT ACCESSIBLE CURB RAMP PER (3) C6.1
 - PROPOSED SIDEWALK ELEVATION SHALL NOT BE MORE THAN 1/2" BELOW EXISTING FINISH FLOOR ELEVATION.
 - CONSTRUCT 8" WIDE CONCRETE CURB WITH HANDRAIL PER (5) C6.1 (6) C6.1
 - CONSTRUCT CONCRETE SEAT WALL PER (15) C6.1
 - PLACE CONCRETE PAVERS PER (17) C6.1
 - CONSTRUCT 30" TALL CONCRETE SEATWALL PER (16) C6.1



AGENCY APPROVAL

**ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT**

9325 MIRANDY DR.
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SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

REGISTERED PROFESSIONAL ENGINEER

ANTHONY J. TASSANO
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 600 Q Street, Suite 100
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 916.329.4000

ARCHITECT

CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

DATE 06/19/2023
 JOB NO. Y2243.00
 SHEET TITLE

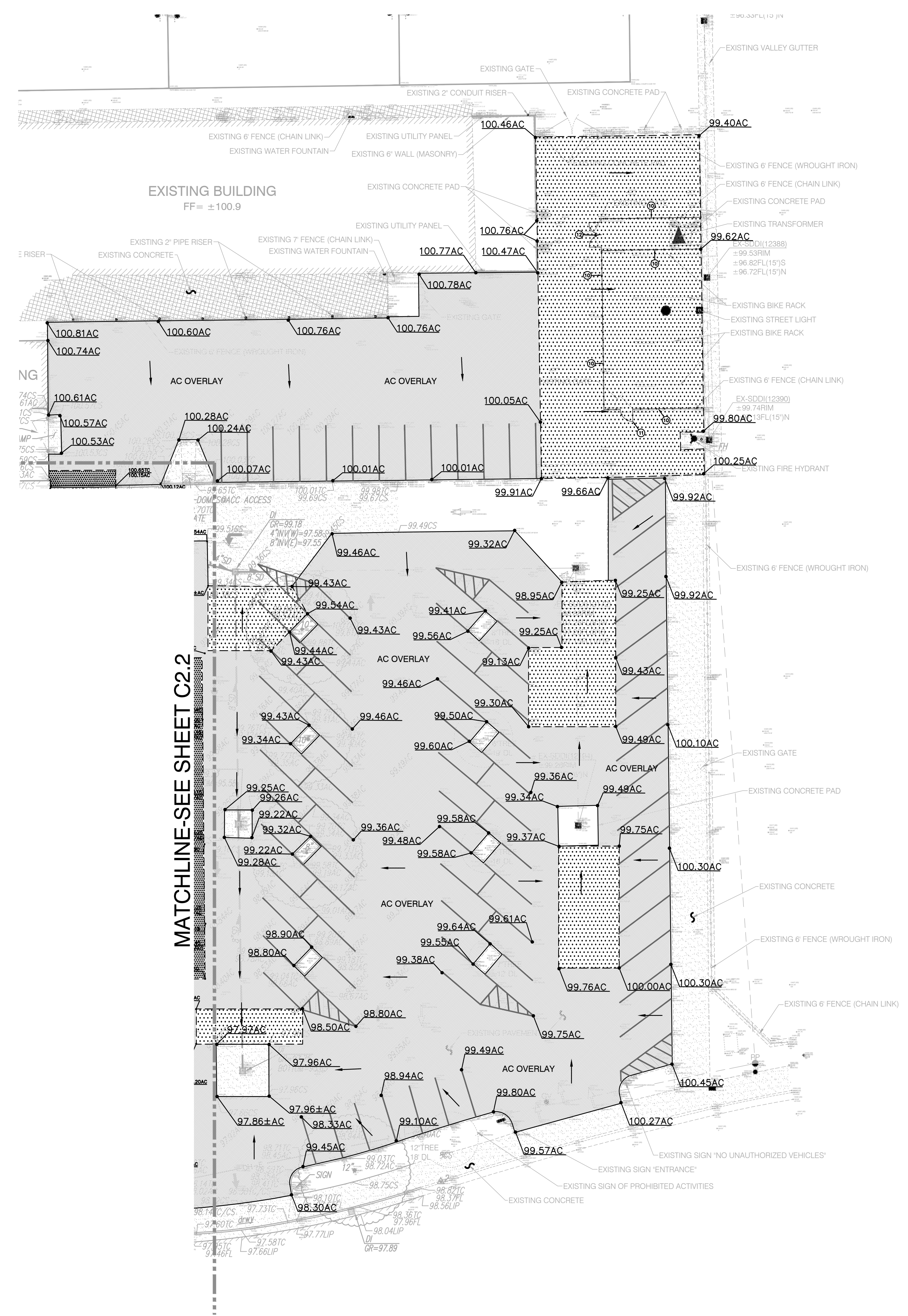
GRADING PLAN

SHEET NO. **C2.2**

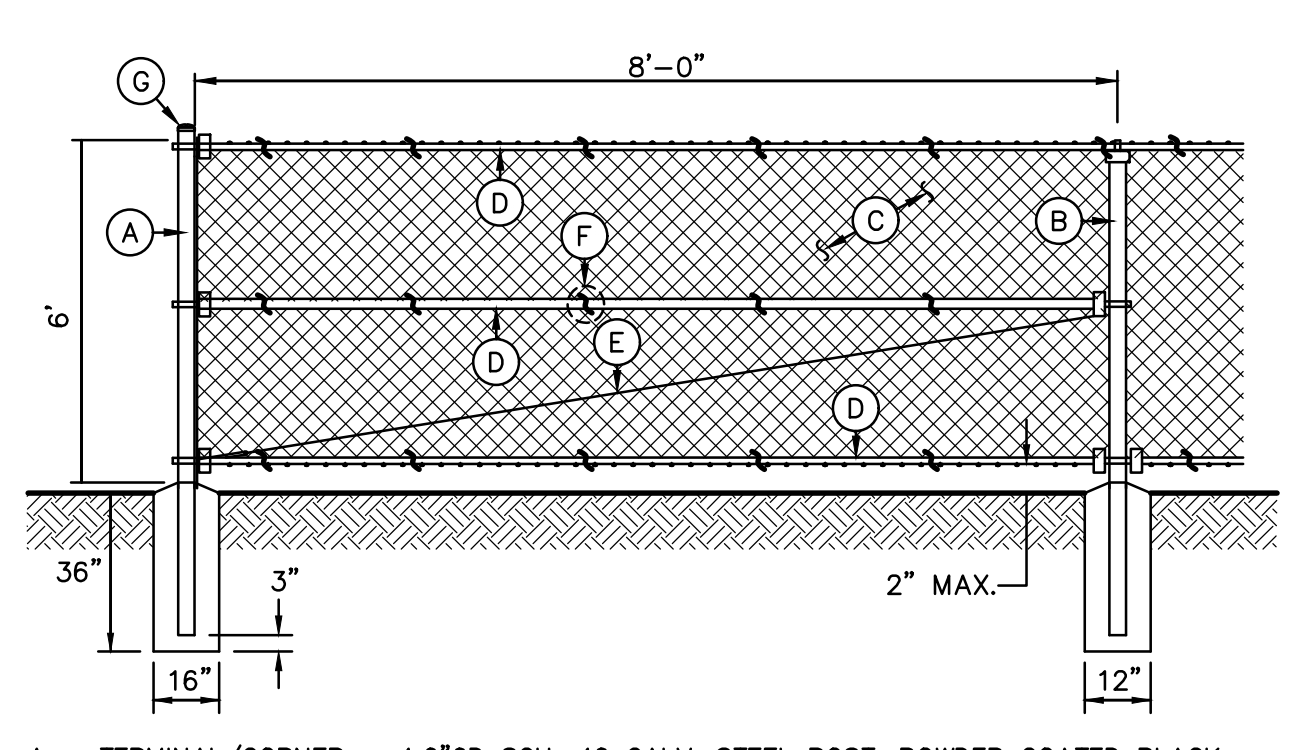
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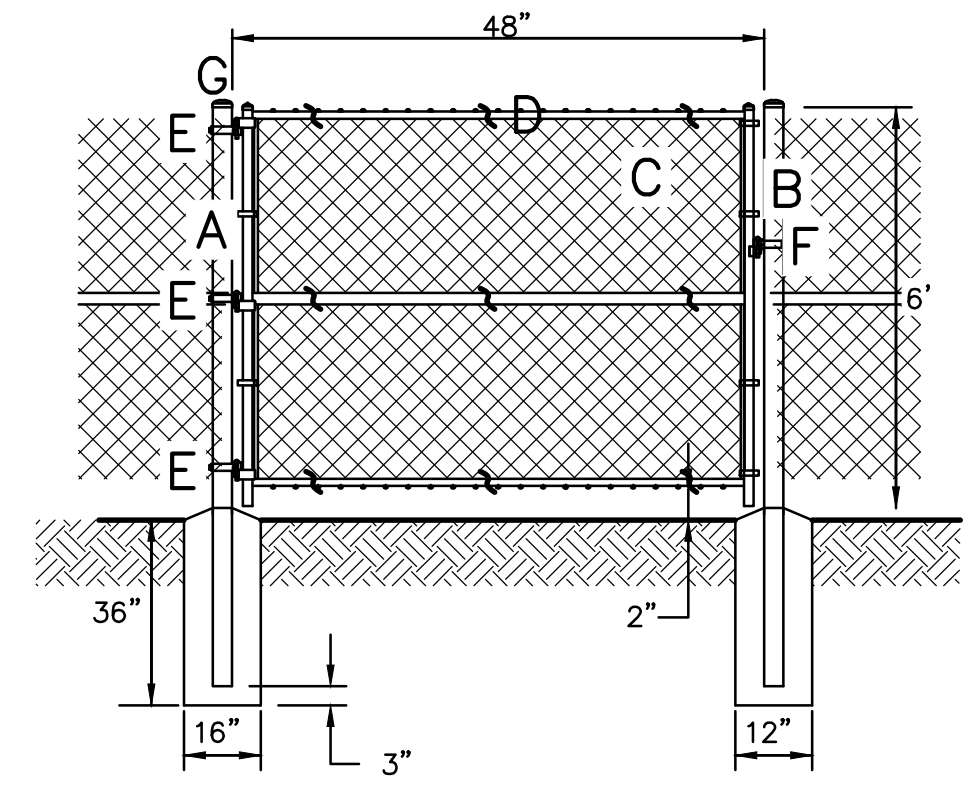
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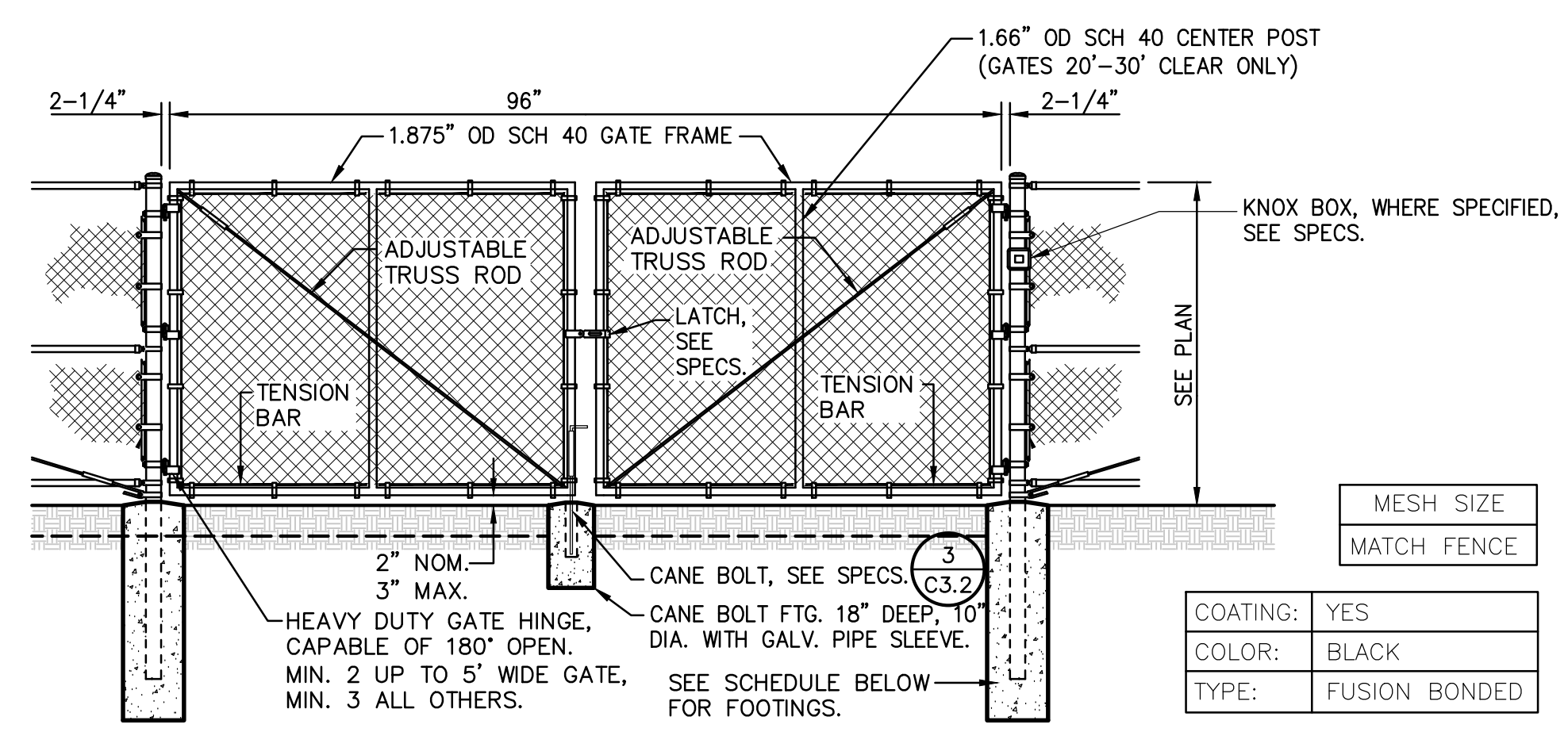
- GRADING NOTES**
- MATCH EXISTING GRADE/ELEVATION.
 - PLACE 6 FT BLACK VINYL CHAIN LINK FENCE AND POSTS. POSTS AND RAILS TO BE POWDER COATED BLACK. FABRIC TO BE 9 GA. 2" MESH, BLACK VINYL.
 - CONSTRUCT 6' TALL, 48" WIDE CHAIN LINK MAINTENANCE GATE PER
 - CONSTRUCT 6' TALL, 8' WIDE CHAIN LINK DOUBLE SWING MAINTENANCE ACCESS GATE PER



- 6' TALL CHAIN LINK FENCING**
 C2.3 BLACK VINYL COATED NO SCALE
- A - TERMINAL/CORNER - 4.0" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK.
 - B - LINE POST - 2.875" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK.
 - C - 9 GA. CHAIN LINK FENCE, BLACK VINYL, MESH PER PLAN.
 - D - 2.0" MESH - BLACK VINYL COATING
 - E - 1.68" OD SCH. 40 GALV. STEEL RAILS, POWDER COATED BLACK. TOP AND BOTTOM ALL SECTIONS, MID AT ALL CORNER AND TERMINAL POSTS.
 - F - 3/8" OD ADJUSTABLE INDUSTRIAL TRUSS ROD, POWDER COATED BLACK.
 - G - 9 GA. GALVANIZED STEEL TIES AT 12" OD HORIZ. AND VERT.
 - H - ALL CAPS AND FITTINGS HEAVY INDUSTRIAL GALV. GRADE, POWDER COATED BLACK.



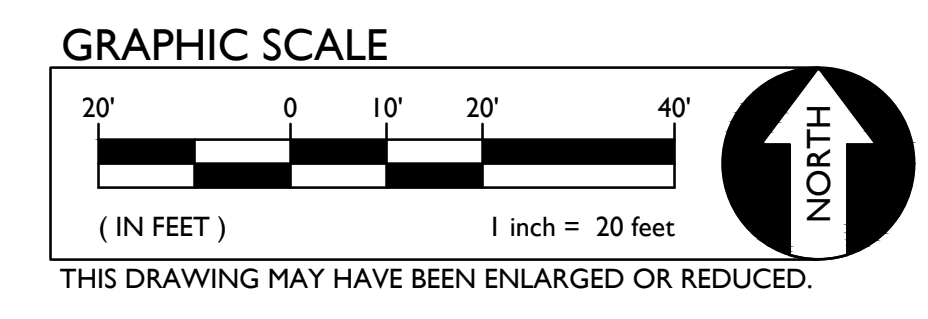
- SINGLE SWING CHAIN LINK GATE**
 C2.3 NO SCALE
- A - 4" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK.
 - B - 2 7/8" OD SCH. 40 GALV. STEEL POST, POWDER COATED BLACK.
 - C - FABRIC TO MATCH FENCE, BLACK VINYL COATED.
 - D - 1 5/8" OD SCH. 40 WELDED GALV. STEEL FRAME, POWDER COATED BLACK.
 - E - 180 DEGREE PRESSED STEEL INDUSTRIAL HINGE.
 - F - MALLEABLE IRON (LOCKABLE) GATE FORK LATCH, SEE 7/C3.1.
 - G - ALL CAPS AND FITTINGS HEAVY INDUSTRIAL GALV. GRADE, POWDER COATED BLACK.



FENCES TO 9' HEIGHT

POST DIA.	GATE LEAF	POST EMBED	DEPTH	DIA. (MIN)
4.0" OD	2'-4"	30"	36"	16"
4.0" OD	4.1'-9"	36"	42"	18"
4.0" OD	9.1'-12.5'	42"	48"	18"
6.0" OD	12.6'-18"	42"	48"	24"

3 TYPICAL CHAIN LINK MAINTENANCE / VEHICULAR GATE
 C2.3 NON-ACCESSIBLE VEHICULAR GATES ONLY NO SCALE

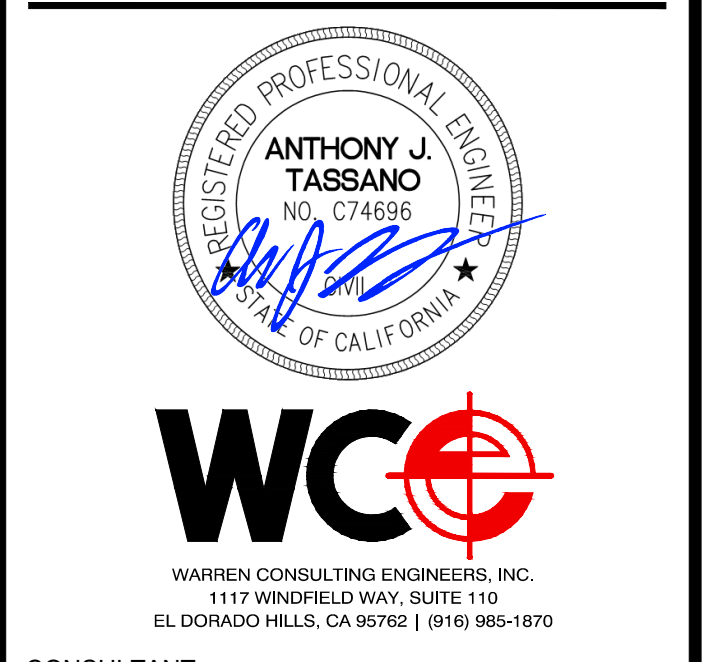


AGENCY APPROVAL

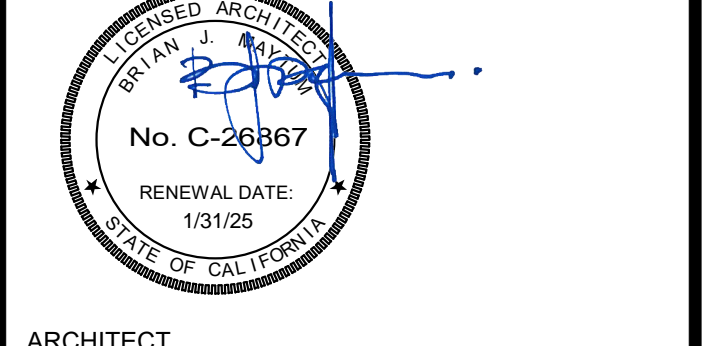
**ALBERT EINSTEIN MIDDLE SCHOOL
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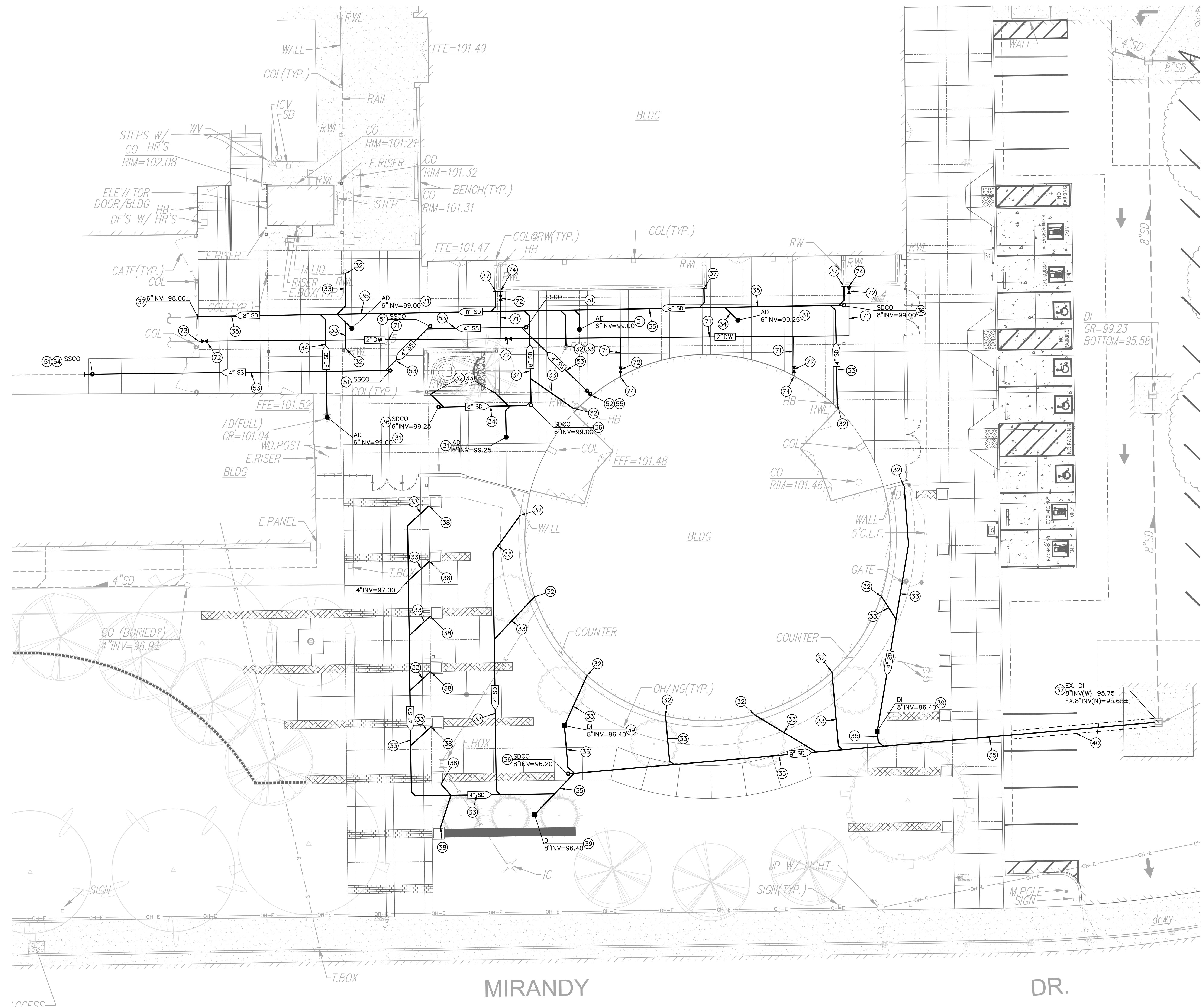
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SHEET NO.

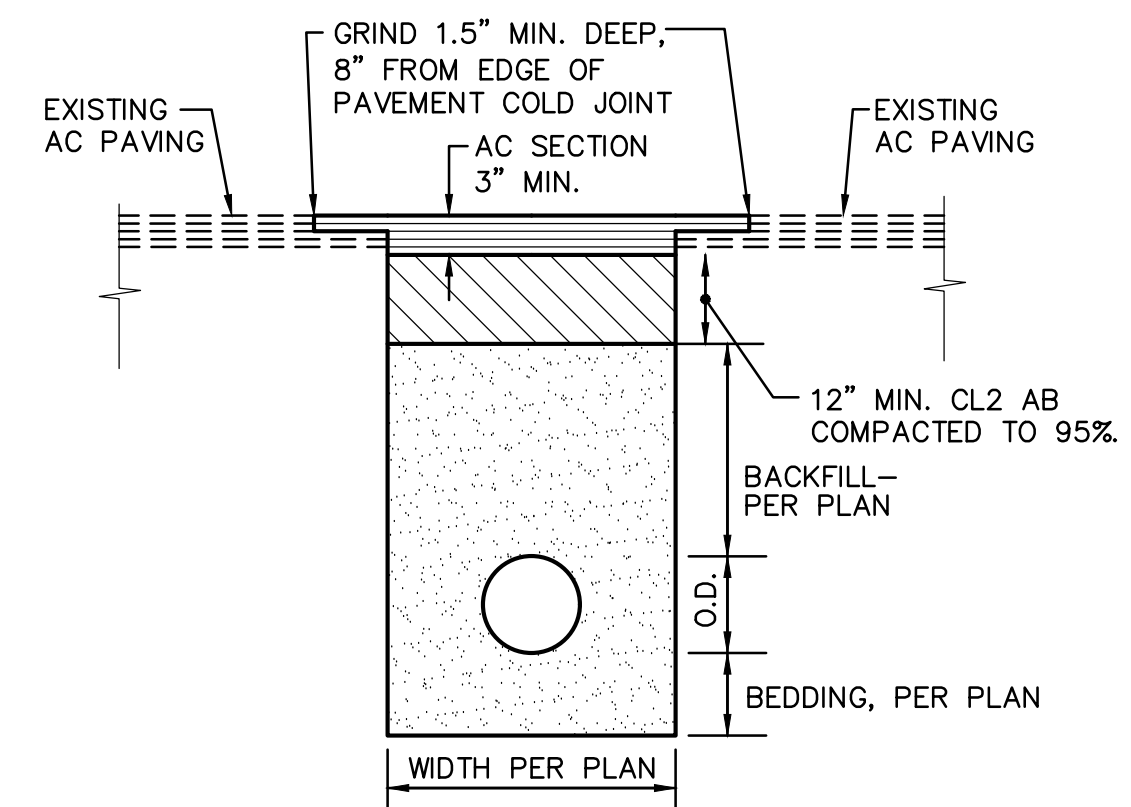
C2.3

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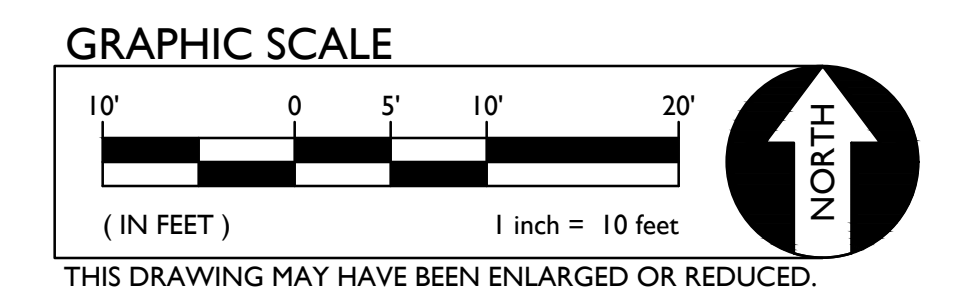
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- DRAINAGE NOTES**
- CONSTRUCT AREA DRAIN PER (7) C6.1
 - CONSTRUCT DOWNSPOUT CONNECTION PER (8) C6.1
 - PLACE 4" STORM DRAIN PER (9) C6.1
 - PLACE 6" STORM DRAIN PER (9) C6.1
 - PLACE 8" STORM DRAIN PER (9) C6.1
 - CONSTRUCT STORM DRAIN CLEANOUT PER (10) C6.1
 - CONNECT TO EXISTING STORM DRAIN. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
 - CONNECT TO PROPOSED PLANTER DRAIN. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION. REFER TO LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
 - CONSTRUCT DROP INLET PER (14) C6.1
 - PATCH BACK ASPHALT/CONCRETE AT PROPOSED STORM DRAIN TRENCH PER (1) C3.1
- SEWER NOTES**
- PLACE SEWER CLEANOUT PER (10) C6.1
 - PLACE 2-WAY SEWER CLEANOUT PER (11) C6.1
 - PLACE 4" SEWER PER (9) C6.1
 - CONNECT TO EXISTING SEWER. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
 - CONNECT TO BUILDING SEWER SERVICE WITH NEW 4" SEWER. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
- DOMESTIC WATER NOTES**
- PLACE 2" WATER PER (12) C6.1
 - PLACE GATE VALVE AND VALVE BOX. SIZE TO MATCH LINE SIZE PER (13) C6.1
 - CONNECT TO EXISTING WATER. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
 - CONNECT TO BUILDING WATER SERVICE. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.



1 C3.1 ASPHALT PATCH AT TRENCH NO SCALE



AGENCY APPROVAL

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REGISTERED ARCHITECT
 No. C-26867
 RENEWAL DATE: 1/31/25
 STATE OF CALIFORNIA

ARCHITECT

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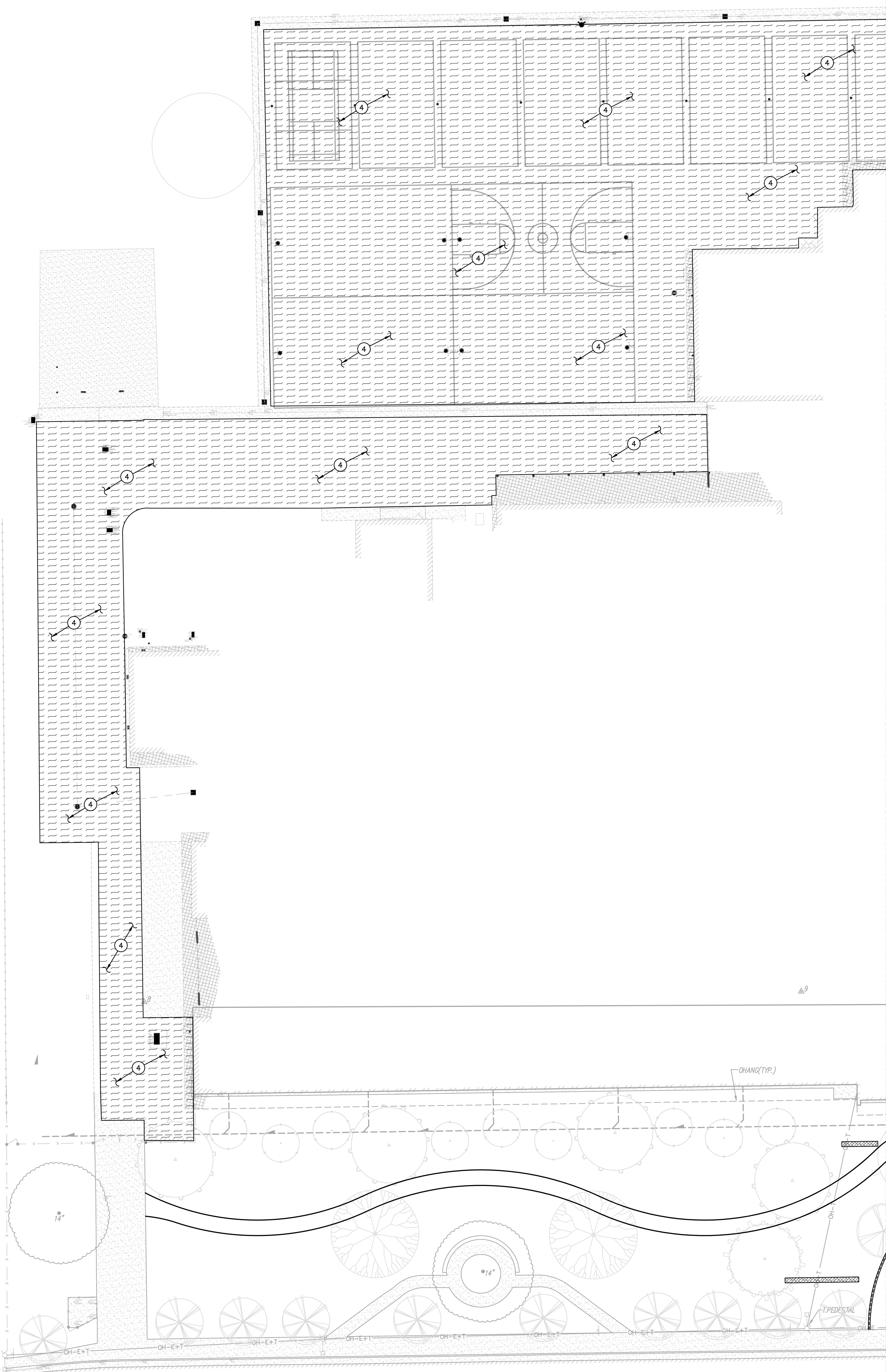
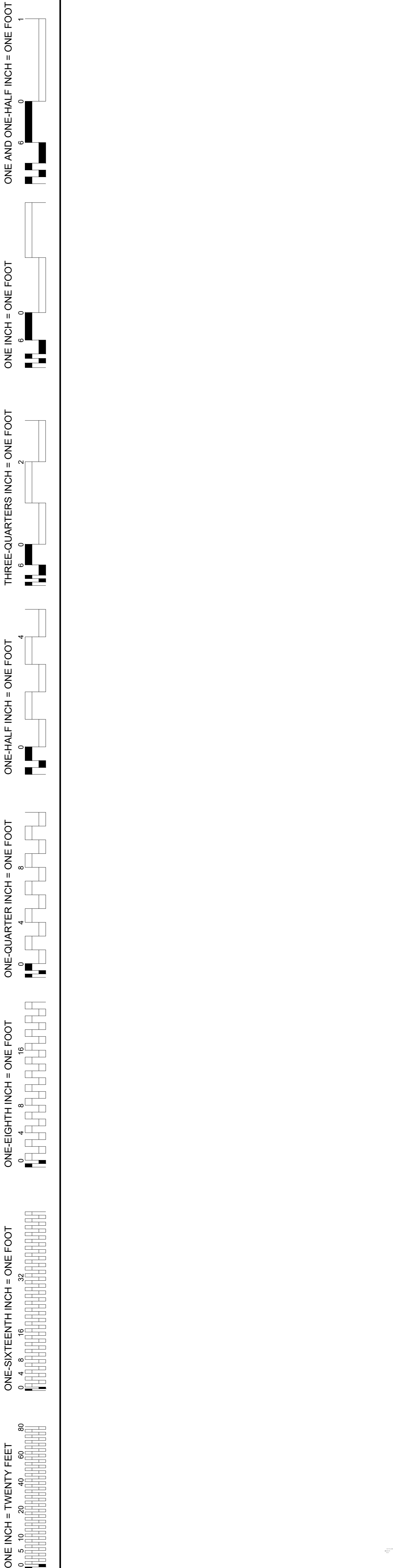
DATE 06/19/2023
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 SHEET TITLE

UTILITY PLAN

SHEET NO.

C3.1

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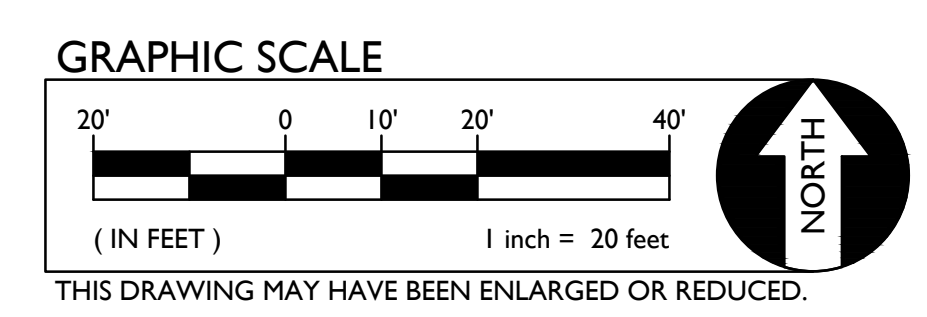


PAVING GENERAL NOTES:

1. ALL NEW ASPHALT PAVING TO BE PROVIDED WITH SEALCOAT PER SPECIFICATIONS.
2. PRIOR TO NEW SEALCOAT ON EXISTING ASPHALT SURFACES, FILL ALL CRACKS 1/4" INCHES OR WIDER WITH AN APPROVED CRACK FILLER.
3. SLOPE IN ACCESSIBLE STALLS AND UNLOAD ZONES SHALL NOT EXCEED 1.9% IN ANY DIRECTION.
4. SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS:
 CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 1.9%
 DIRECTION OF TRAVEL - 4.9%
 RAMP IN DIRECTION OF TRAVEL - 8.0%
 PLAZA 1.9% - IN ANY DIRECTION
5. ADJUST TO FINISH GRADE ALL UTILITY BOXES, FRAMES, COVERS SLEEVES, POST HOLES GRATES, ETC. FOUND IN AREA OF WORK, WHETHER SHOWN OR NOT. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.

PAVING LEGEND

- ④ TYPE 4 PAVING
 BLACK OUT EXISTING STRIPING, CRACK FILL AS NECESSARY AND PLACE TWO (2) APPLICATIONS OF SEAL COAT. FOLLOWING SEAL COAT PLACE TWO (2) APPLICATIONS OF STRIPING TO MATCH EXISTING STRIPING LAYOUT.
 CONTRACTOR SHALL DOCUMENT EXISTING STRIPING PRIOR TO PLACING SEAL COAT. CONTRACTOR IS RESPONSIBLE FOR MAKING NEW STRIPING MATCH WHAT WAS PREVIOUSLY EXISTING.



AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT

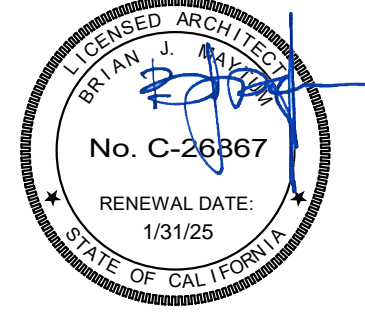
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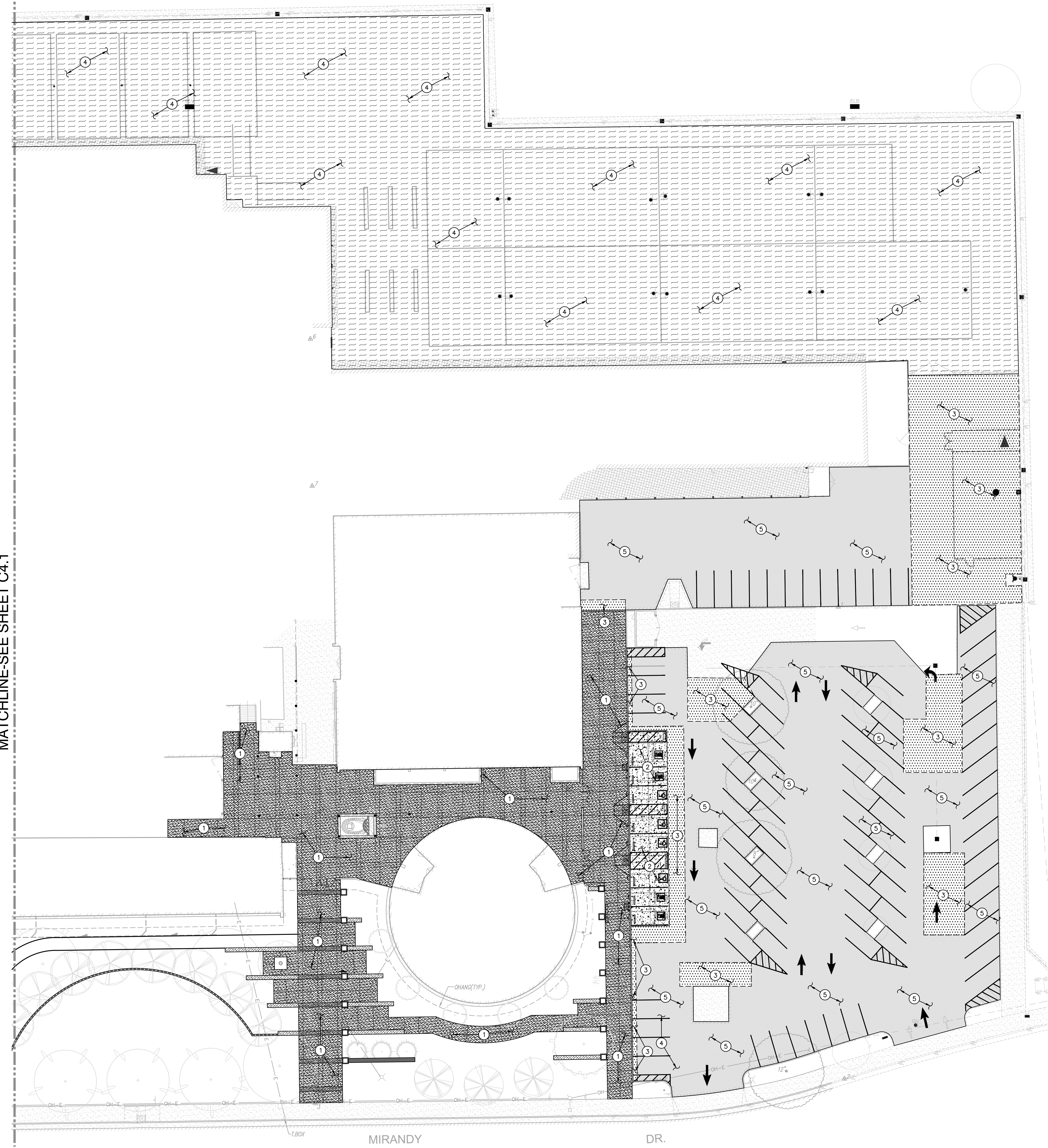
PAVING AND STRIPING PLAN

SHEET NO.

C4.1

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MATCHLINE-SEE SHEET C4.1

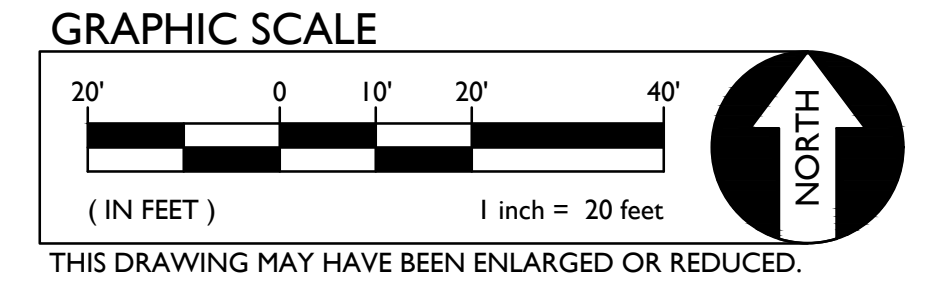


PAVING GENERAL NOTES:

- ALL NEW ASPHALT PAVING TO BE PROVIDED WITH SEALCOAT PER SPECIFICATIONS.
- PRIOR TO NEW SEALCOAT ON EXISTING ASPHALT SURFACES, FILL ALL CRACKS 1/4" INCHES OR WIDER WITH AN APPROVED CRACK FILLER.
- SLOPE IN ACCESSIBLE STALLS, EV ACCESSIBLE STALL AND UNLOAD ZONES SHALL NOT EXCEED 1.9% IN ANY DIRECTION.
- SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS:
CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 1.9%
DIRECTION OF TRAVEL - 4.9%
RAMP IN DIRECTION OF TRAVEL - 8.0%
PLAZA 1.9% - IN ANY DIRECTION
- ADJUST TO FINISH GRADE ALL UTILITY BOXES, FRAMES, COVERS SLEEVES, POST HOLES GRATES, ETC. FOUND IN AREA OF WORK, WHETHER SHOWN OR NOT. CLEAN OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.

PAVING LEGEND

- 1 TYPE 1 PAVING**
PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER 12" CLASS II AB ON SUBGRADE COMPACTED PER SPECIFICATIONS.
- 2 TYPE 2 PAVING**
PLACE 6" PCC WITH #4 REBAR @ 18" O.C.E.W. OVER 12" CLASS II AB ON SUBGRADE COMPACTED PER SPECIFICATIONS.
- 3 TYPE 3 PAVING**
PLACE 3" AC OVER 7" CLASS II AB ON TENSAR INTERAX NX750 GEOGRID OR BETTER. STATIC ROLL SUBGRADE PRIOR TO PLACEMENT OF GEOGRID. PLACE TWO (2) APPLICATIONS OF SEAL COAT.
- 4 TYPE 4 PAVING**
BLACK OUT EXISTING STRIPING, CRACK FILL AS NECESSARY AND PLACE TWO (2) APPLICATIONS OF SEAL COAT. FOLLOWING SEAL COAT PLACE TWO (2) APPLICATIONS OF STRIPING TO MATCH EXISTING STRIPING LAYOUT.
CONTRACTOR SHALL DOCUMENT EXISTING STRIPING PRIOR TO PLACING SEAL COAT. CONTRACTOR IS RESPONSIBLE FOR MAKING NEW STRIPING MATCH WHAT WAS PREVIOUSLY EXISTING.
- 5 TYPE 5 PAVING**
GRIND EXISTING AC PAVING DOWN APPROXIMATELY 1.5", CRACK FILL AS REQUIRED, PROVIDE A PETROMAT 4597 OR APPROVED EQUAL, AND PLACE A 1.5" MIN. ASPHALT OVERLAY. PLACE TWO (2) APPLICATIONS OF SEAL COAT.



AGENCY APPROVAL

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HVAC REPLACEMENT

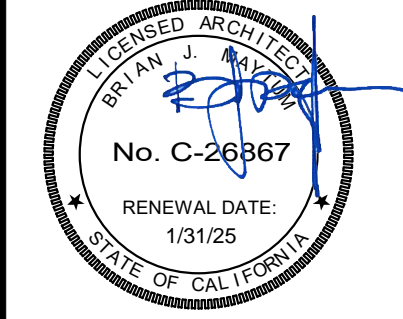
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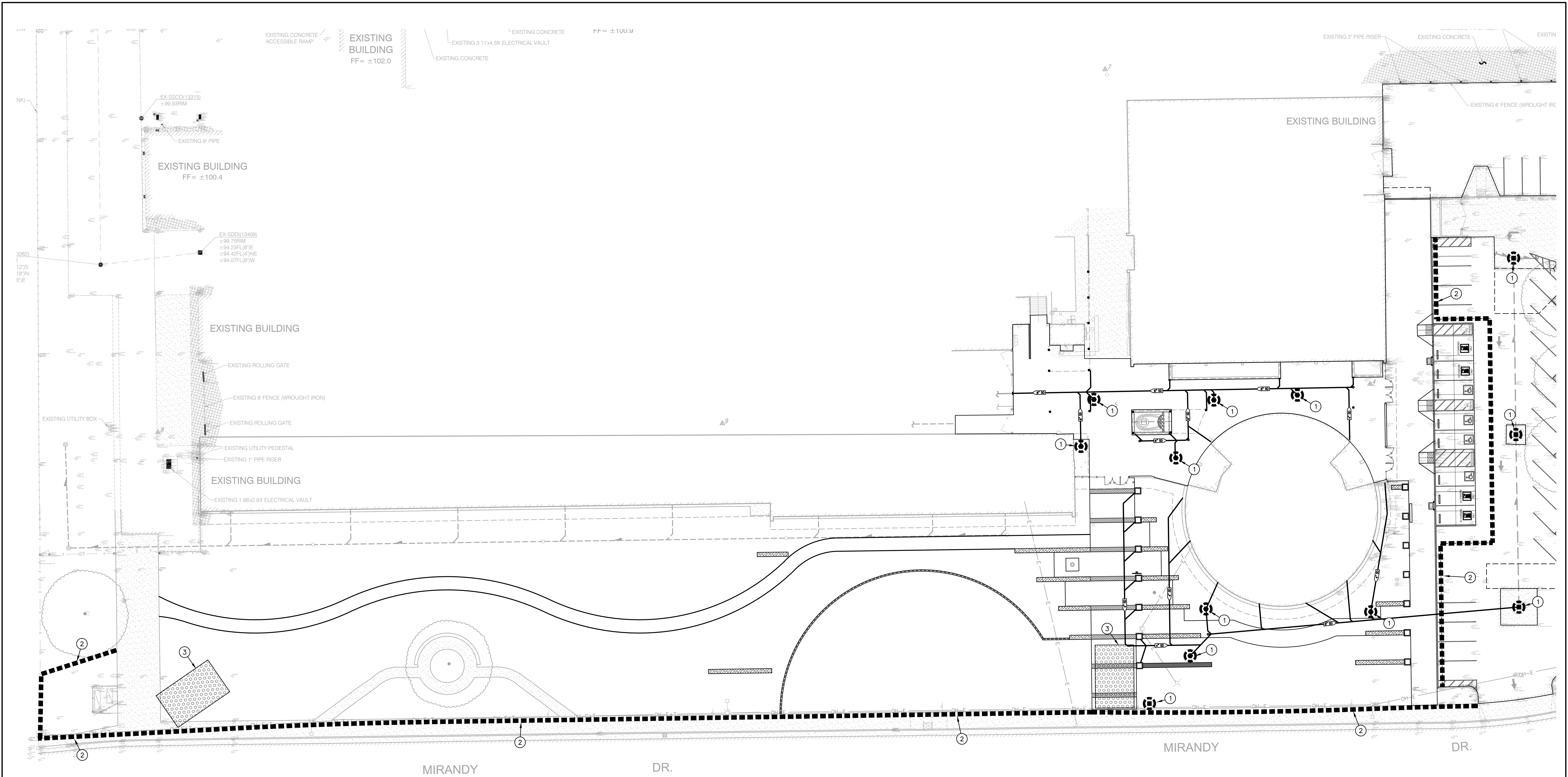
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PAVING AND STRIPING PLAN

SHEET NO.

C4.2

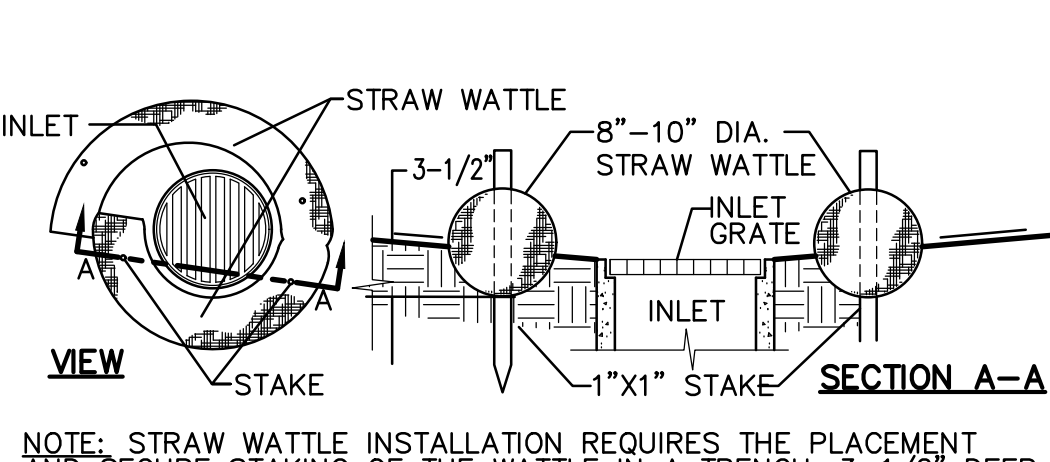
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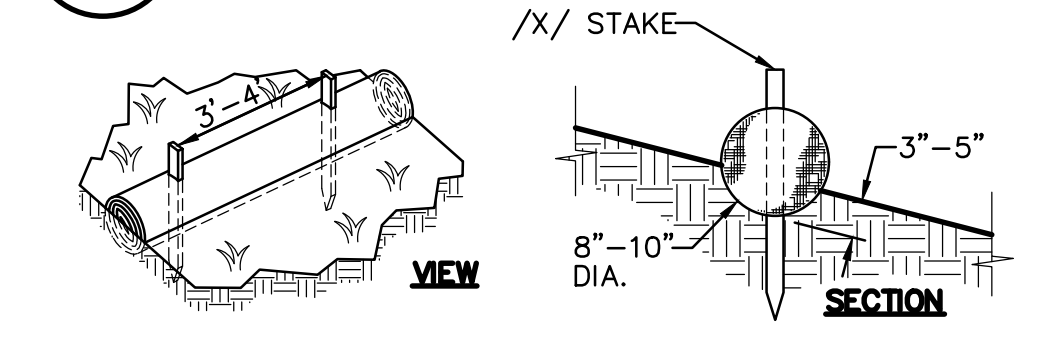
PHASE OF CONSTRUCTION	EROSION AND SEDIMENT CONTROL MEASURES																
	WET SEASON							WET & DRY SEASON									
	HYDRO SEEDING	STRAW MULCHING/TACTIFIER	SOIL BINDERS	PRESERVATION OF EXISTING VEGETATION	BLANKETS/MATS & GEOTEXTILES	FIBER ROLLS	DUST CONTROL	OUTLET PROTECTION	SILT FENCING	SAND/GRAVEL BAG BARRIERS	STORM DRAIN PROTECTION	SEDIMENT BASIN	SEDIMENT TRAP	DEWATERING	STABILIZED CONSTRUCTION ENTRANCE	MATERIAL & WASTE DISPOSAL LOCATION	CONCRETE WASHOUT
PRE-GRADING	X	X	X	X	X	X	X	N/A	N/A	N/A	N/A	X	X	X	X	X	X
CUT-FILL ACTIVITIES	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UNDERGROUND WORK	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STORM IMPROVEMENTS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CURB AND GUTTER	N/A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STREET IMPROVEMENTS		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PAVE OUT			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POST CONSTRUCTION		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MAINTENANCE SCHEDULE																	
DAILY*																	
WEEKLY*		X	X		X	X	X	X	X	X	X				X	X	X
MONTHLY*																	
BEFORE RAIN		X	X		X	X	X	X	X	X	X						
DURING RAIN		X	X		X	X	X	X	X	X	X						
AFTER RAIN		X	X		X	X	X	X	X	X	X						
AS NEEDED				X			X							X			

* = WHEN RAIN EVENT INSPECTIONS OCCURS, THEY MAY QUALIFY AS A DAILY, WEEKLY, OR MONTHLY INSPECTION AS APPLIES.

- LEGEND**
- 1. CONTRACTOR SHALL PROVIDE INLET FILTERS AT EXISTING AND PROPOSED DRAINAGE STRUCTURES PER DETAIL.
 - 2. CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE PER DETAIL.
 - 3. CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION SITE ACCESS PER DETAIL.

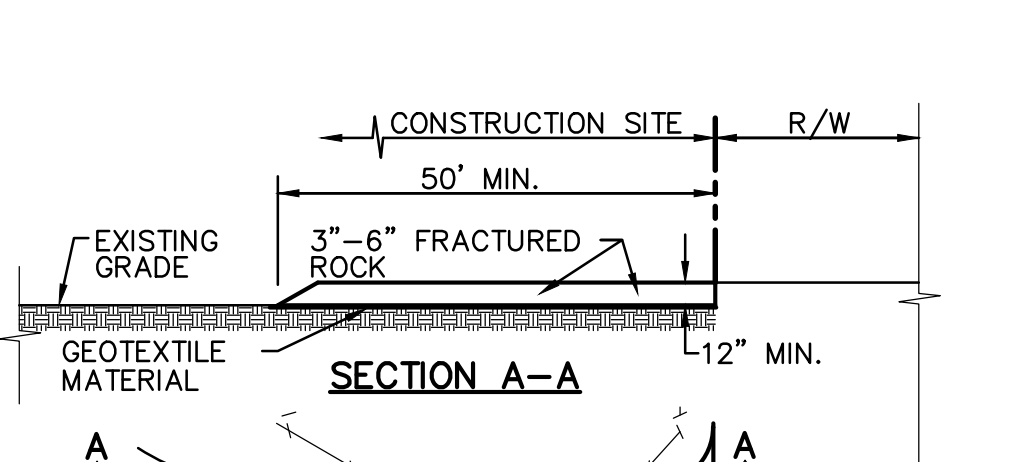


1 STRAW WATTLE INLET FILTER
NO SCALE



2 STRAW ROLLS
NO SCALE

- EROSION CONTROL NOTES**
- NOTE: EXACT LOCATION WILL BE COORDINATED BY CONTRACTOR AND PROJECT OSP.



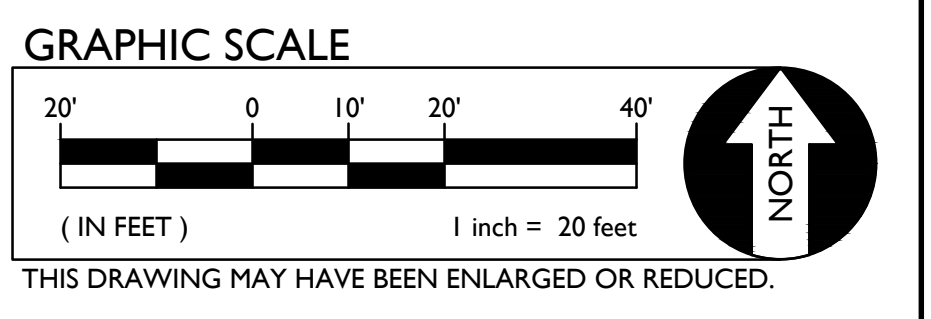
3 STABILIZED CONSTRUCTION SITE ACCESS
NO SCALE

SEDIMENT AND EROSION CONTROL MEASURES ON SWPPP MAP ARE MINIMUM BMP'S RECOMMENDED FOR COMPLIANCE. CONSTRUCTION SITE MUST BE MONITORED AND BMP'S SHALL BE MODIFIED DEPENDING ON CONSTRUCTION SCHEDULE AND RAIN EVENTS.

- MONITORING SCHEDULE**
- WITHIN 2 BUSINESS DAYS (48 HOURS) PRIOR TO EACH QUALIFYING RAIN EVENT.
 - EVERY 24 HOURS DURING A QUALIFYING RAIN EVENT.
 - WITHIN 2 BUSINESS DAYS (48 HOURS) AFTER EACH QUALIFYING RAIN EVENT RESULTING IN 0.50 INCHES OF RAIN OR MORE.
 - RECORD THE TIME, DATE AND RAIN GAUGE READING OF ALL QUALIFYING RAIN EVENTS.
 - QUARTERLY NON-STORM WATER DISCHARGE INSPECTIONS.
 - WEEKLY INSPECTIONS.

- ADD TO MAP AS LOCATED IN THE FIELD**
- CONSTRUCTION TRAILER.
 - VEHICLE/EQUIPMENT MAINTENANCE AND FUELING AREA.
 - COVERED WASTE STORAGE (DUMPSTERS).
 - STAGING AREA.
 - MATERIAL STORAGE.
 - SOIL STOCKPILES.
 - CONCRETE WASHOUT.

- EROSION AND SEDIMENT CONTROL GENERAL NOTES**
- IF CERTAIN SOIL TYPES (E.G. COLLOIDAL SOILS) ARE DETECTED, THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL TREATMENT MEASURES PRIOR TO DISCHARGE.
 - CONTRACTOR IS RESPONSIBLE FOR THE DEWATERING AND REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES JUST PRIOR TO THE COMMENCING OF THE FINAL GRADING AND PAVING OPERATIONS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE SITE TO MINIMIZE DUST CREATED DURING CONSTRUCTION.
 - PRIOR TO PLACEMENT OF HYDRO SEEDING, REMOVE TEMPORARY EROSION CONTROL MEASURES (STRAW WATTLE FENCE AND TRACKED LOOSE STRAW).
 - CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD REQUIREMENTS.
 - ALL MATERIALS STORED ON-SITE SHALL HAVE PROPER ENCLOSURES AND/OR COVERINGS.
 - CONTRACTOR SHALL MAINTAIN ALL WATTLE OR SILT FENCES AND OTHER STORM WATER POLLUTION PREVENTION DEVICES THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES WEEKLY AS WELL AS BEFORE, DURING, AND AFTER A STORM EVENT. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL AND POLLUTION PREVENTION DEVICES AT THE END OF CONSTRUCTION AS REQUIRED. REFER TO SPECIFICATIONS AND ADDITIONAL REQUIREMENTS.
 - CONTRACTOR SHALL PROVIDE AND MAINTAIN CONSTRUCTION FENCING THROUGHOUT THE PROJECT. THIS FENCING SHALL DETER PEDESTRIANS AND NON-CONSTRUCTION RELATED PERSONNEL FROM ENTERING THE CONSTRUCTION SITE AREA TO THE GREATEST POSSIBLE EXTENT. THE CONTRACTOR SHALL COORDINATE THIS FENCING LAYOUT WITH SCHOOL DISTRICT PERSONNEL PRIOR TO ANY FENCING PLACEMENT SO AS TO NOT SIGNIFICANTLY INTERFERE WITH SCHOOL OPERATION.
 - CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.
 - CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.



AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL HVAC REPLACEMENT

9325 MIRANDY DR
SACRAMENTO, CA 95826

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
C74896
STATE OF CALIFORNIA

WC
WARREN CONSULTING ENGINEERS, INC.
1117 WINDMILL HWY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

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REGISTERED ARCHITECT
ANTHONY J. TASSANO
No. C-26967
RENEWAL DATE 1/31/25
STATE OF CALIFORNIA

ARCHITECT

CONSTRUCTION DOCUMENTS

NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

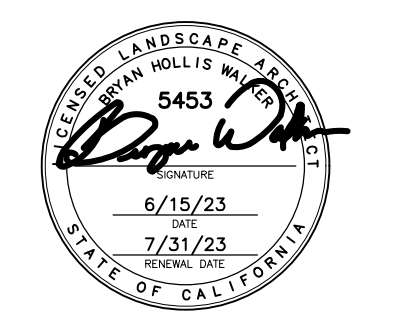
DATE 06/19/2023
JOB NO. Y2243.00
SHEET TITLE
EROSION CONTROL PLAN
SHEET NO.
C5.1

FILENAME: I:\22-204\CIVIL\DWG\22-204-C5.1.DWG

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AGENCY APPROVAL

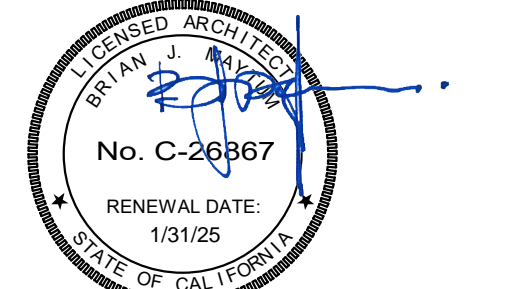
ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT
 9325 MIRANDY DR
 SACRAMENTO, CA 95826
 SACRAMENTO CITY UNIFIED SCHOOL DISTRICT



Bryan Hollis Walker C-5453

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ARCHITECT CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023
3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023

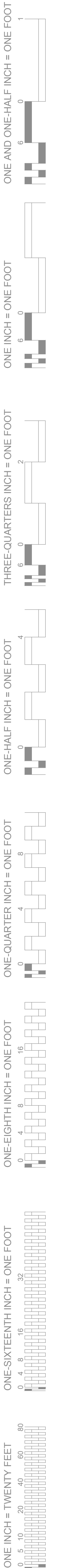
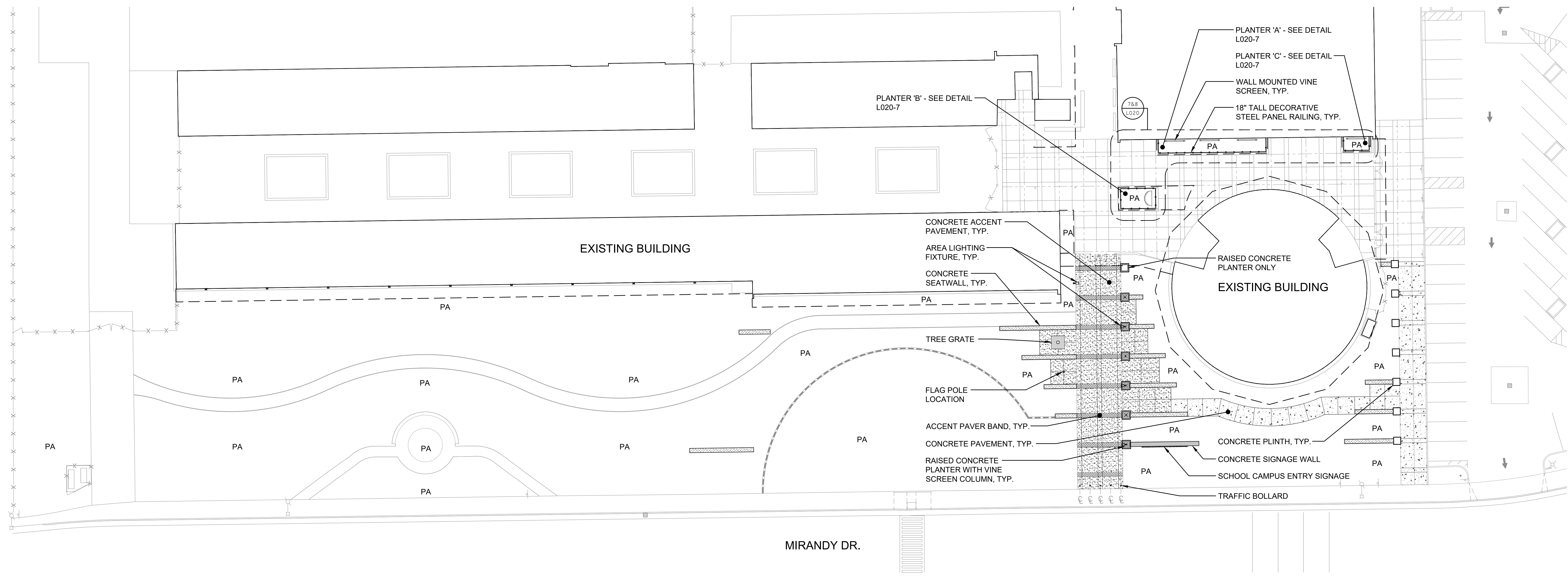
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SHEET TITLE

SITE PLAN

SHEET NO.

L010

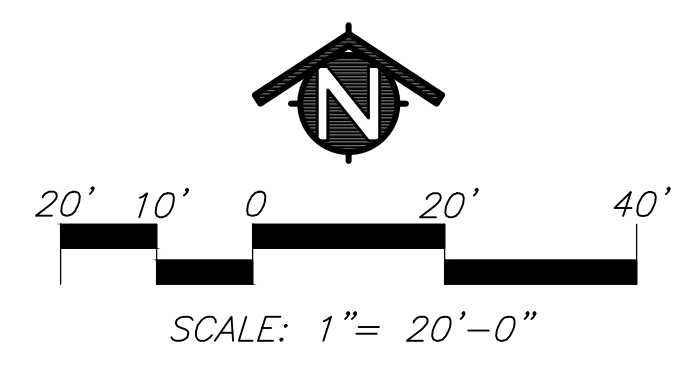


SITE PAVING AND AMENITY COLOR/FINISH SUBMITTAL SCHEDULE

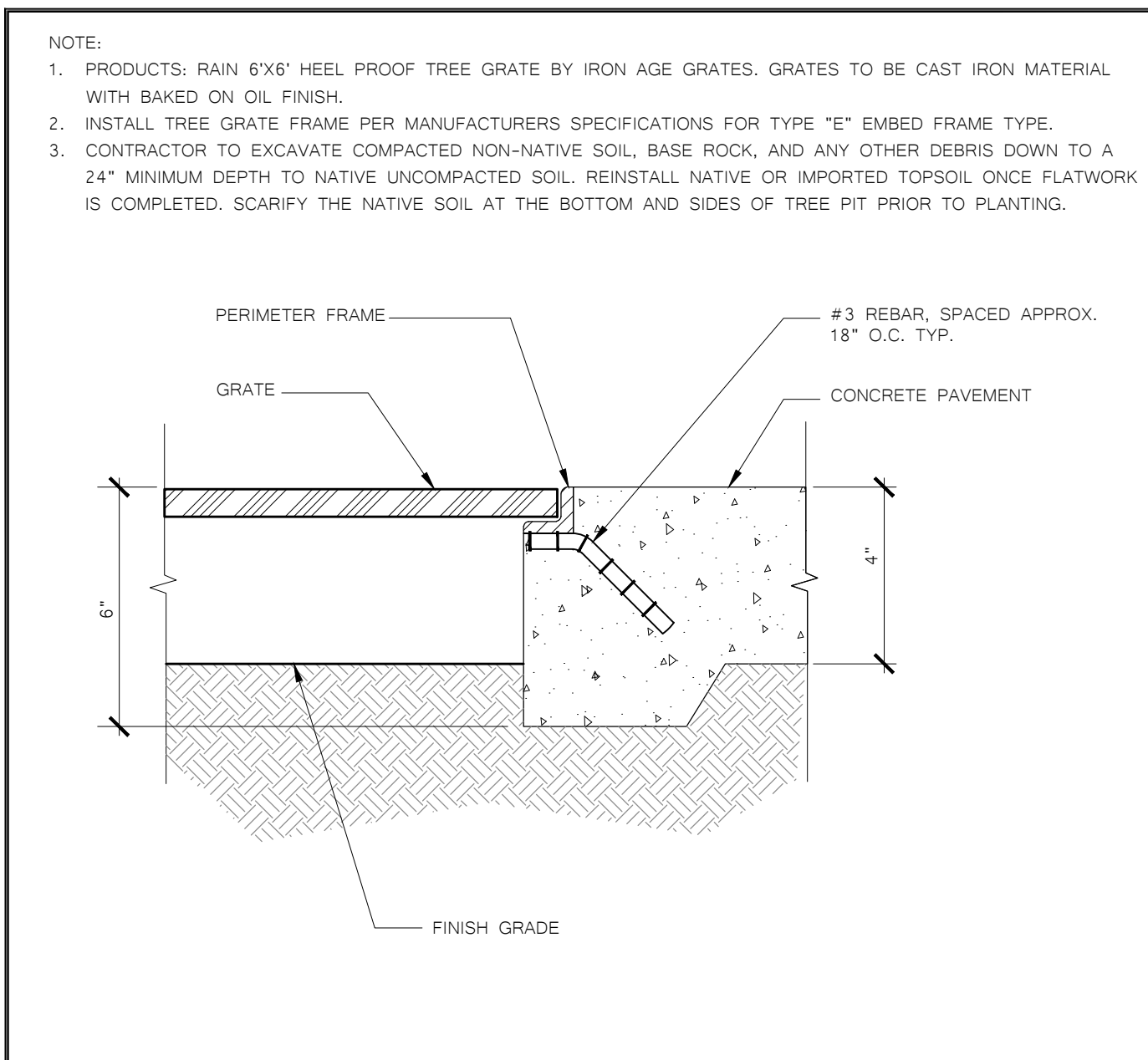
KEY	SITE ITEM
1	CONCRETE ACCENT PAVEMENT - DAVIS COLOR, MESQUITE #677
2	ACCENT PAVER BANDS - OAKLAND AND PESCADERO COLORS
3	BRICK INLAY BANDS - EBONY COLOR
4	GREEN SCREEN PANELS - BRONZE COLOR
5	REVAMP PANEL RAILING - GRAY HAMMERSTONE SEMI-GLOSS
6	AREA LIGHTING FIXTURE AND POLE - DARK BRONZE COLOR

NOTE: CONTRACTOR TO SUBMIT PHYSICAL SAMPLES OF THE COLORS AND FINISHES FOR THE ITEMS LISTED ABOVE FOR REVIEW AND APPROVAL OF THE OWNER AND LANDSCAPE ARCHITECT.

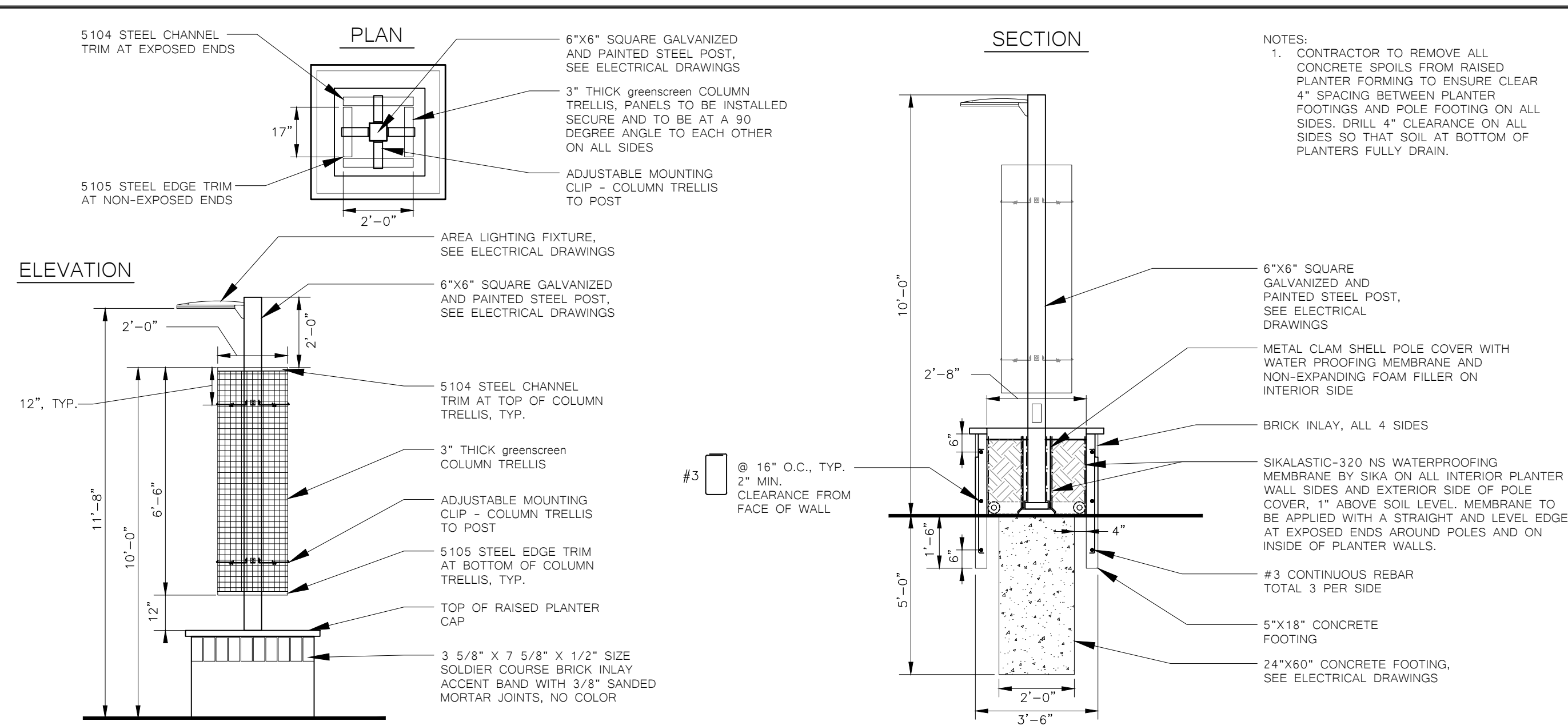
KEY	SITE LEGEND	KEY	SITE LEGEND
	CONCRETE PAVEMENT COLOR: NO COLOR FINISH: BROOM SEE CIVIL DRAWINGS FOR INSTALLATION DETAILS		WALL MOUNTED VINE SCREEN MANUFACTURER: greenScreen PRODUCT: 8' WIDE X 8' TALL PANEL WALL MOUNTED TRELLIS SYSTEM COLOR: BRONZE SEE DETAIL L020-4
	CONCRETE ACCENT PAVEMENT COLOR: DAVIS COLOR, MESQUITE #677 FINISH: LIGHT SALT FINISH SEE CIVIL DRAWINGS FOR INSTALLATION DETAILS		18" TALL DECORATIVE STEEL PANEL RAILING MANUFACTURER: REVAMP PANELS PRODUCT: SLOTTED PATTERN COLOR: GRAY HAMMERSTONE - SEMI-GLOSS SEE DETAILS L020-7 AND 8 FOR POST AND PANEL LAYOUT ENLARGEMENT AND FOOTING INSTALLATION
	ACCENT PAVER BAND MANUFACTURER: BASALITE CITYSCAPE SERIES INTERLOCKING PAVER SIZE: 6"W X 6"L, 6"W X 12"L, AND 6"W X 18"L, 80MM HEIGHT COLOR: OAKLAND AND PESCADERO SANDS MORTAR BED THICKNESS TO BE 1/2" WITH 3/8" JOINTS. COLORS AND SIZES OF PAVERS TO BE RANDOMIZED EVENLY. CONTRACTOR TO PROVIDE PAVER BAND LAYOUT MOCKUP FOR REVIEW AND APPROVAL OF OWNER AND LANDSCAPE ARCHITECT. ESTIMATED PAVER QUANTITIES PER SIZE: 60% IN 6" SIZE, 30% IN 12" SIZE, AND 10% IN 18" SIZE SEE CIVIL DRAWINGS FOR INSTALLATION DETAILS		SCHOOL CAMPUS ENTRY SIGNAGE 3/8" THICK LASER CUT METAL PLATE SIGN WITH HUSKY BLUE POWDER COAT FINISH BY PRISMATIC POWDERS SEE DETAIL L020-6
	RAISED CONCRETE PLANTER WITH POST AND VINE SCREEN COLUMN SIZE: 42" WIDE, 30" TALL WITH INTEGRATED CAP AND SOLDIER COURSE THIN BRICK INLAY BAND CONCRETE COLOR: NO COLOR FINISH: TROWEL BRICK BAND: EBONY COLOR MODULAR THIN BRICK BY H.C. HUDDOX, 3 5/8" X 7 5/8" X 1/2" SIZE MANUFACTURER: greenScreen PRODUCT: 20" WIDE PANEL TRELLIS SYSTEM MOUNTED TO 6"x6" TO GALVANIZED STEEL POST, POSTS WITH AREA LIGHT FIXTURE TO BE 12'-0" TALL, POSTS WITHOUT AREA LIGHT FIXTURE TO BE 10'-0" TALL COLOR: BRONZE SEE DETAILS L020-2, 3, 5, AND 10, ELECTRICAL DRAWINGS, AND STRUCTURAL DRAWINGS		CONCRETE SIGNAGE WALL SIZE: 24" WIDE, 36" TALL WITH SOLDIER COURSE THIN BRICK INLAY BAND, SOUTH AND EAST SIDES COLOR: NO COLOR SEE CIVIL DRAWINGS
	CONCRETE PLINTH SIZE: 36" WIDE, 36" TALL WITH INTEGRATED CAP AND SOLDIER COURSE THIN BRICK INLAY BAND FINISH: TROWEL COLOR: NO COLOR BRICK BAND: EBONY COLOR MODULAR THIN BRICK BY H.C. HUDDOX, 3 5/8" X 7 5/8" X 1/2" SIZE SKATE STOPPER PRODUCT: BRONZE MORGAN LASER SERIES WITH BRUSH FINISH AND BROWN PATINA BY SKATE STOPPERS, 1 EACH PER PLINTH, CENTERED ON SIDEWALK SIDE SEE DETAIL L020-9		AREA LIGHTING FIXTURE (4 TOTAL) MANUFACTURER: LITHONIA LIGHTING PRODUCT: DSXO L.E.D. WITH SQUARE POLE MOUNTING COLOR: DARK BRONZE FIXTURE AND POLE SEE ELECTRICAL DRAWINGS
	CONCRETE SEATWALL SIZE: 20" WIDE, 18" TALL WITH 2" INTEGRATED CAP AND RUNNING BOND THIN BRICK INLAY BAND FINISH: TROWEL COLOR: NO COLOR BRICK BAND: EBONY COLOR MODULAR THIN BRICK BY H.C. HUDDOX, 3 5/8" X 7 5/8" X 1/2" SIZE SKATE STOPPER PRODUCT: BRONZE LOS ANGELES T INSERT SERIES WITH BRUSH FINISH AND BROWN PATINA BY SKATE STOPPERS, SPACED 60" O.C. SEE CIVIL DRAWINGS FOR INSTALLATION DETAILS		TREE GRATE (1 TOTAL) MANUFACTURER: IRON AGE PRODUCT: RAIN HEEL PROOF GRATE WITH BAKED ON OIL FINISH SIZE: 6' X 6' SEE DETAIL L020-1
	RAISED CONCRETE PLANTER ONLY SIZE: 42" WIDE, 30" TALL WITH INTEGRATED CAP AND SOLDIER COURSE THIN BRICK INLAY BAND CONCRETE COLOR: NO COLOR FINISH: TROWEL BRICK BAND: EBONY COLOR MODULAR THIN BRICK BY H.C. HUDDOX, 3 5/8" X 7 5/8" X 1/2" SIZE SEE DETAIL L020-11		TRAFFIC BOLLARD (5 TOTAL) MANUFACTURER: STREET FURNITURE AUSTRALIA PRODUCT: WIDE BOLLARD B3F FLAT CAP AND SINGLE COLLAR SIZE: 6.5"W X 32.7"H COLOR: WOODLAND GREY SPACING: PLACED ON CENTER LINES OF CONCRETE BANDS AS SHOWN IN THE DRAWINGS SEE ARCHITECTURAL DRAWINGS FOR FOOTING INSTALLATION
			FLAG POLE LOCATION SEE ARCHITECTURAL DRAWINGS
			DENOTES PLANTER AREA



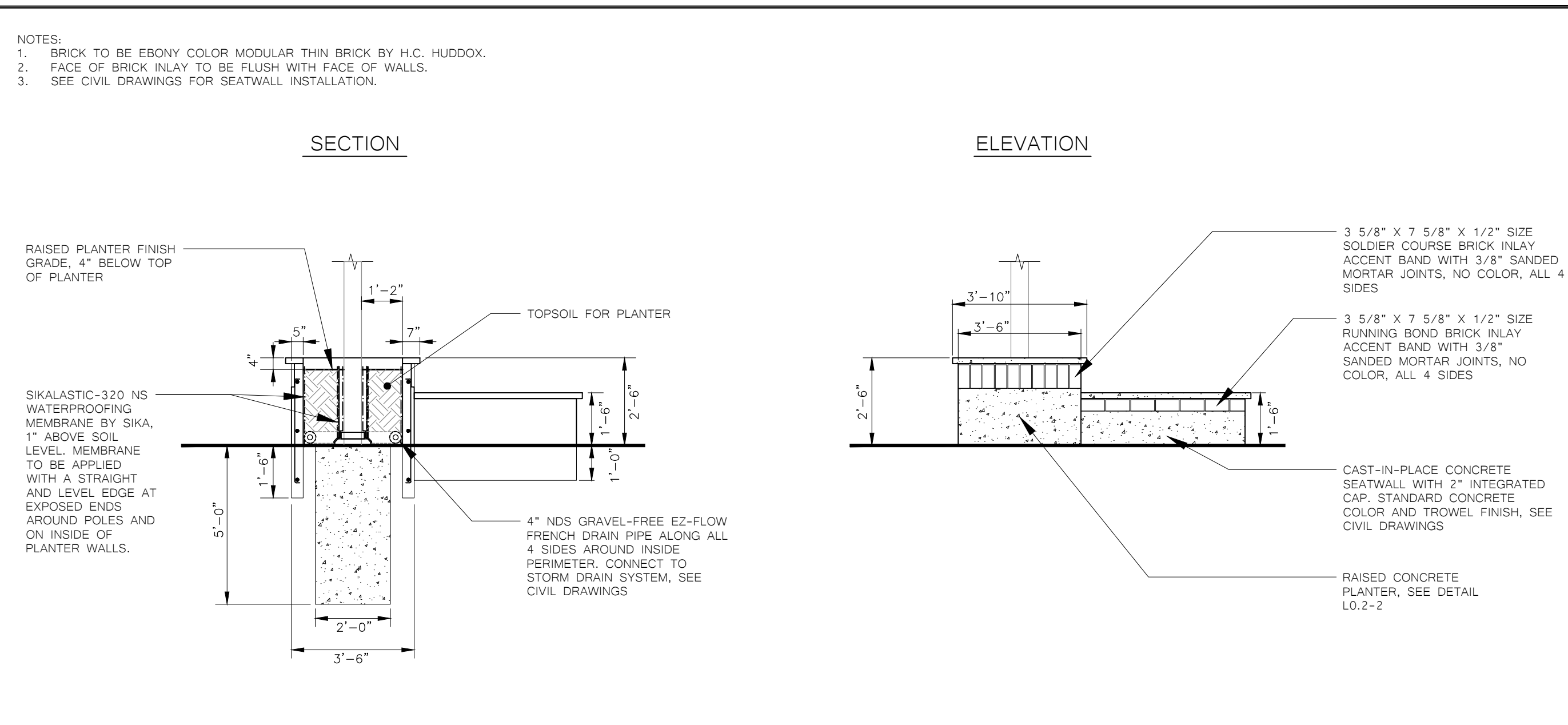
ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT



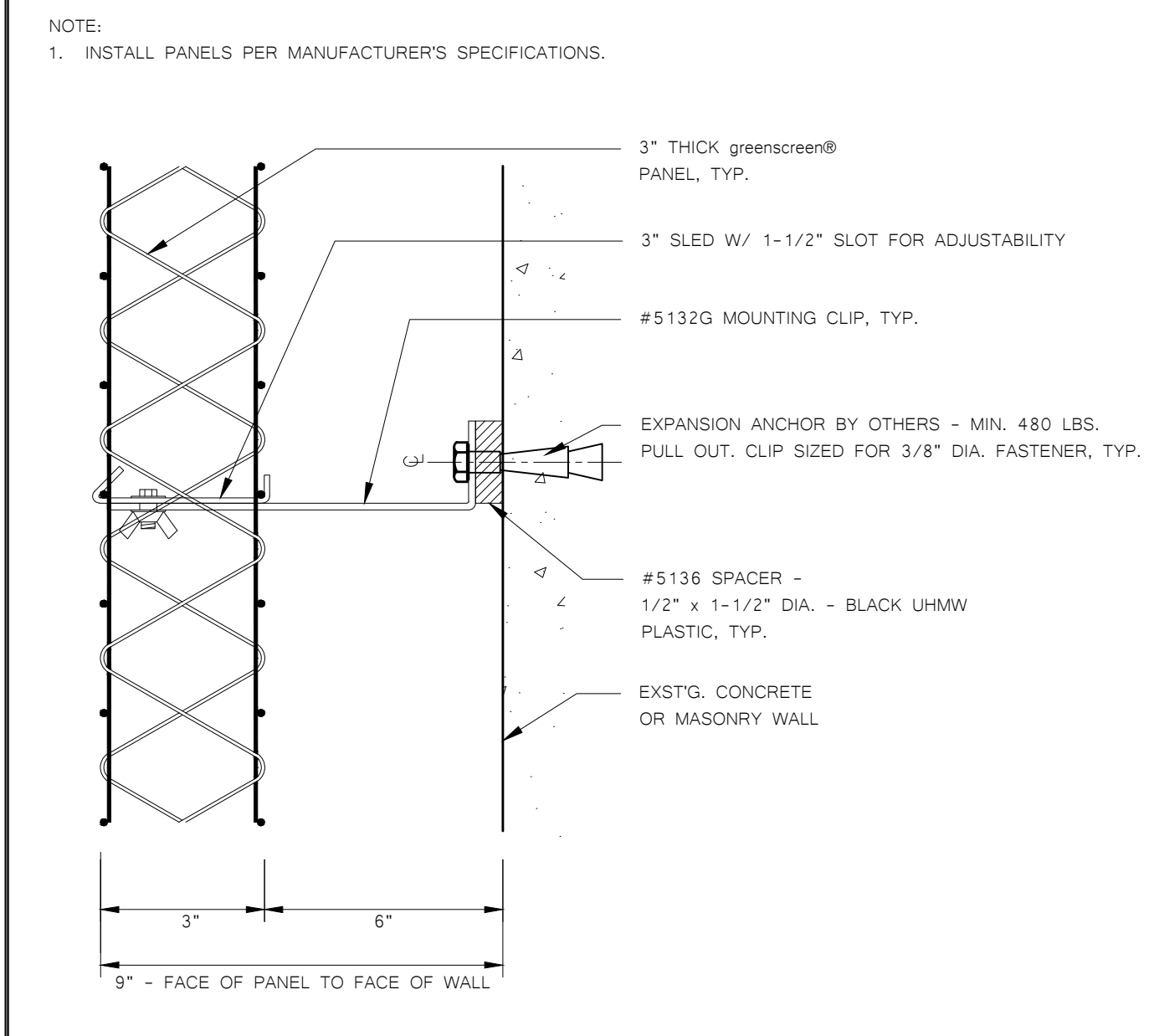
1 TREE GRATE FRAME DETAIL



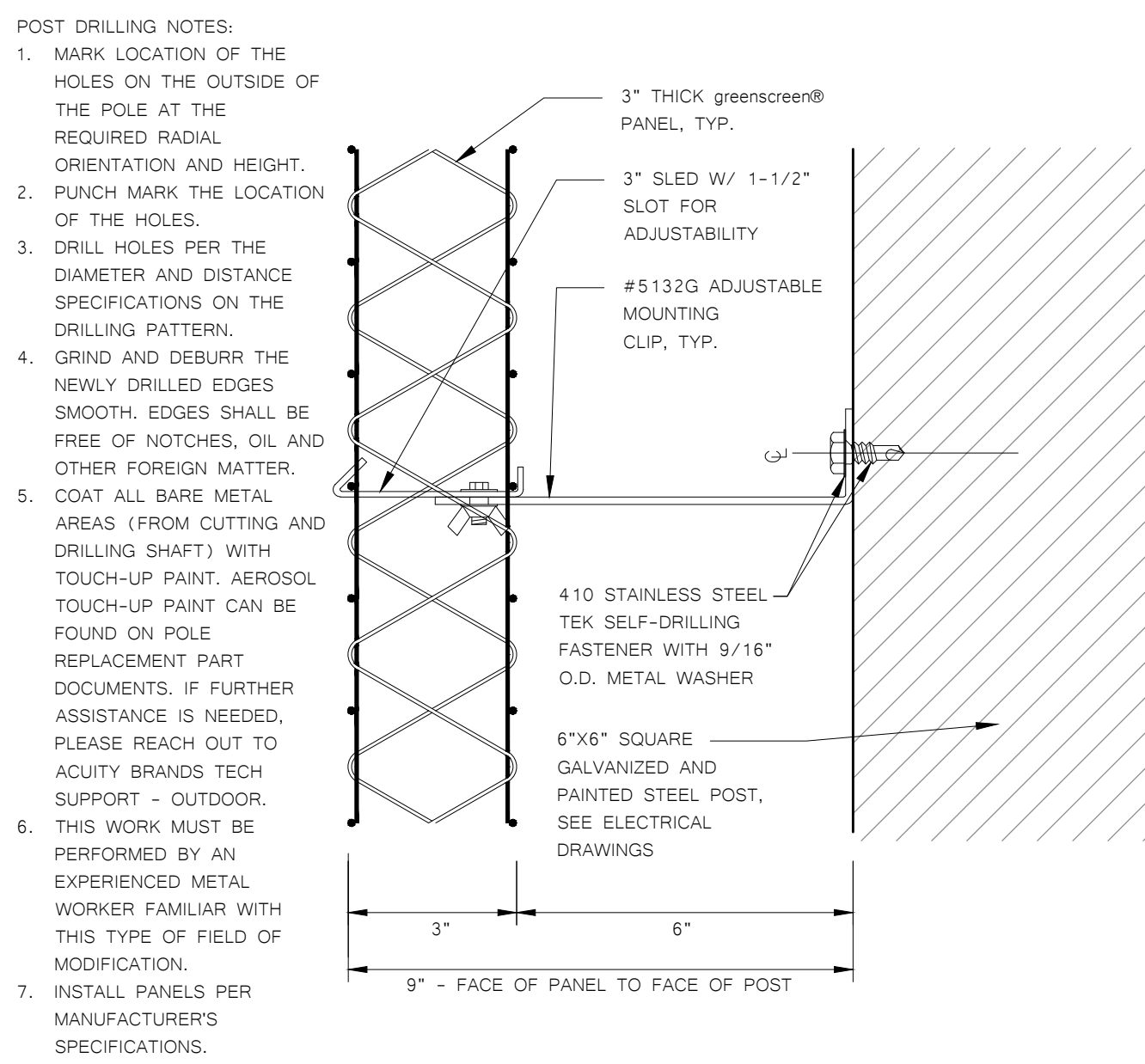
2 RAISED CONCRETE PLANTER WITH VINE SCREEN COLUMN AND AREA LIGHT FIXTURE



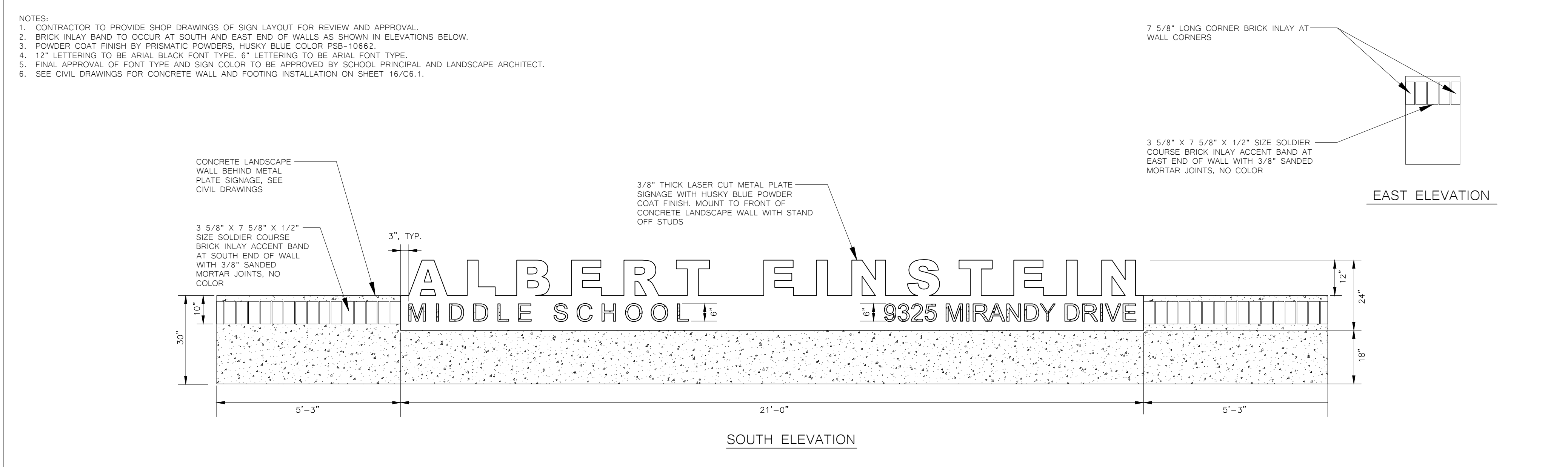
3 RAISED CONCRETE PLANTER WITH VINE SCREEN COLUMN



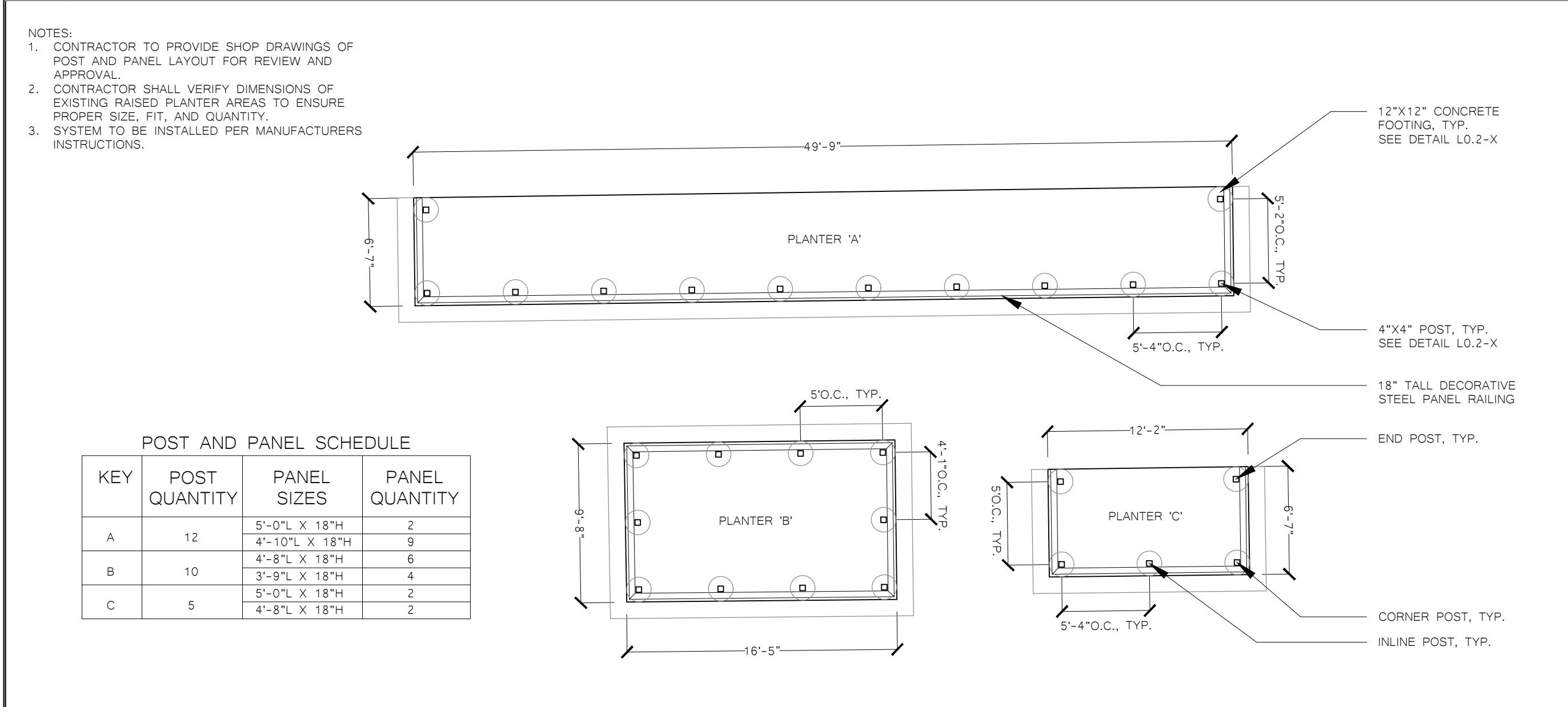
4 GREENSCREEN ATTACHMENT TO EXISTING WALL



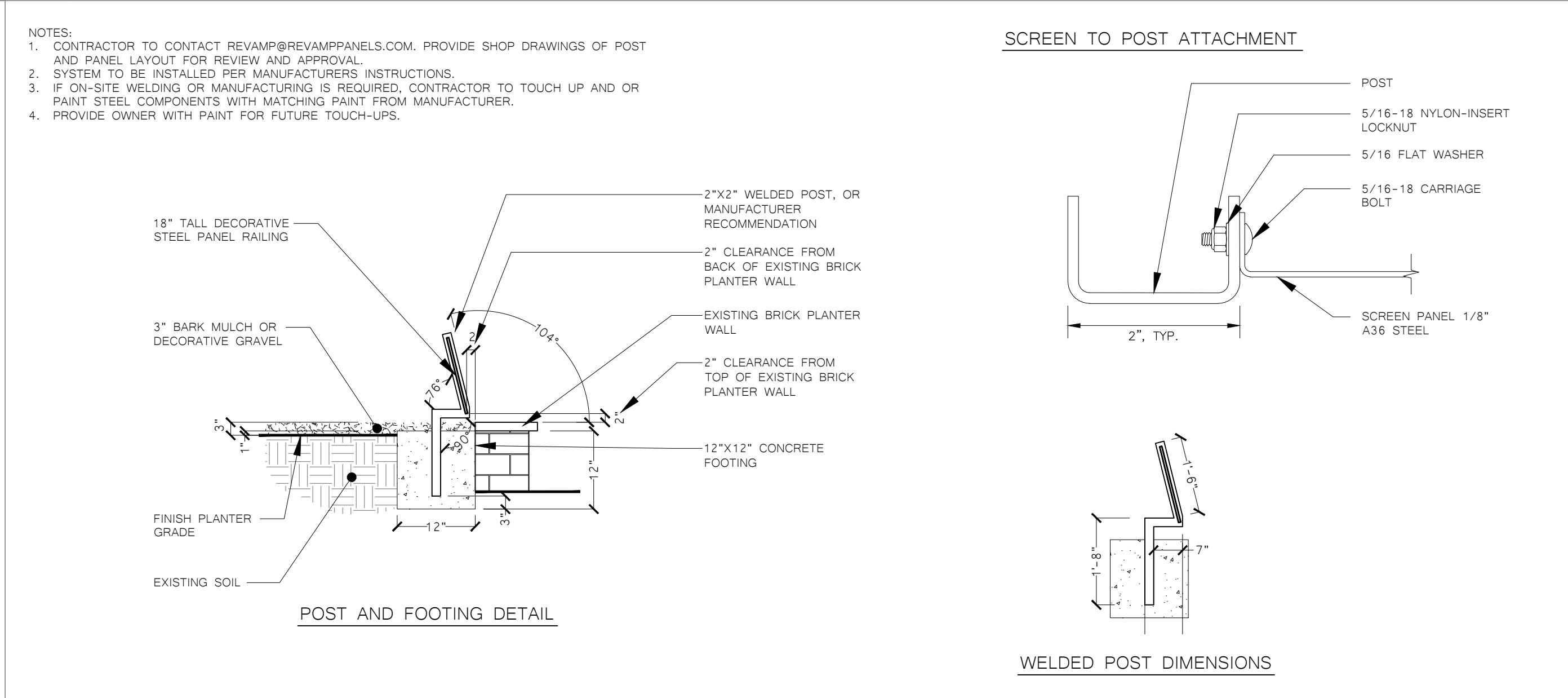
5 GREENSCREEN ATTACHMENT TO GALVANIZED POST



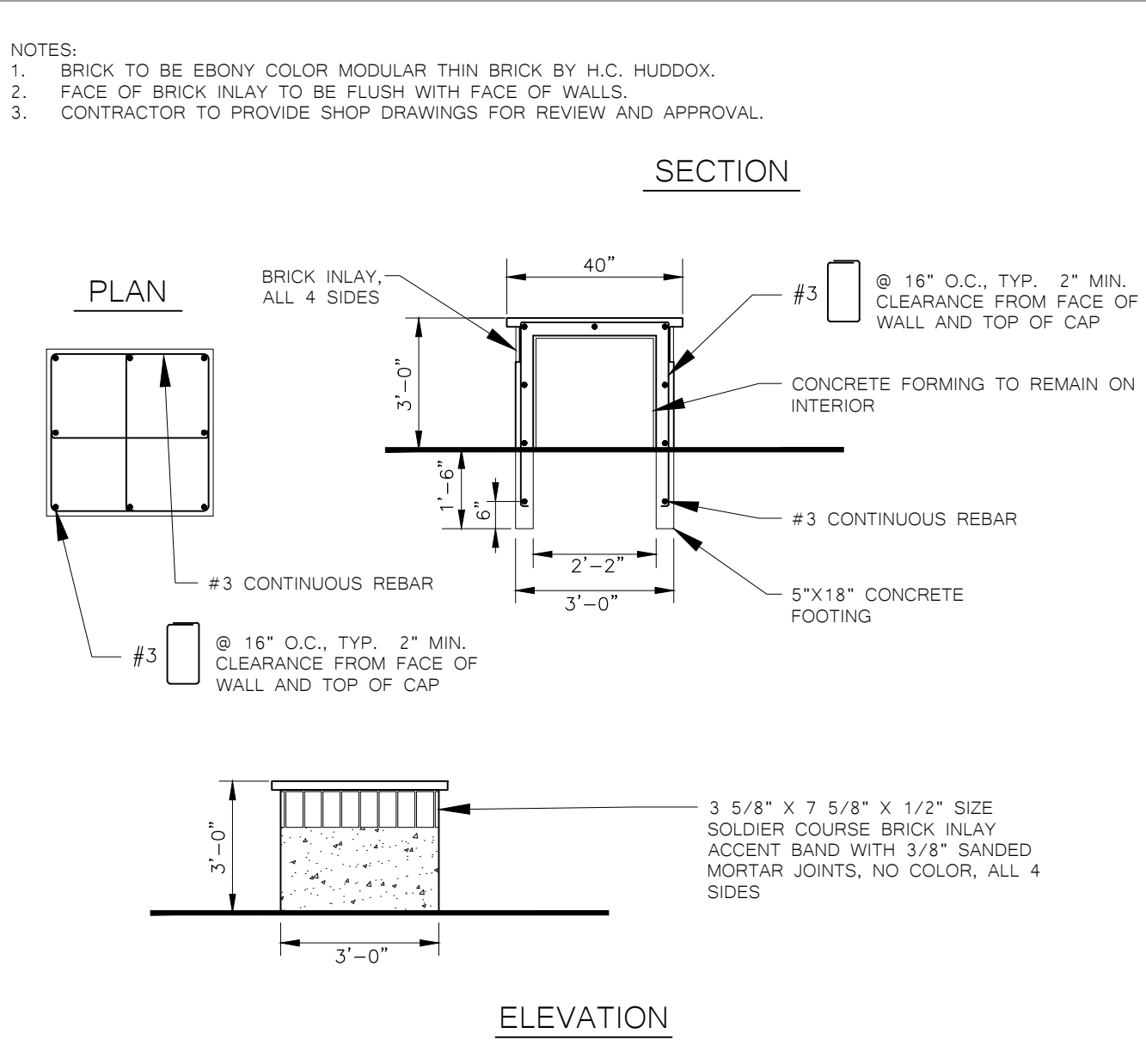
6 SCHOOL CAMPUS ENTRY SIGNAGE MOUNTED TO CONCRETE SIGNAGE WALL



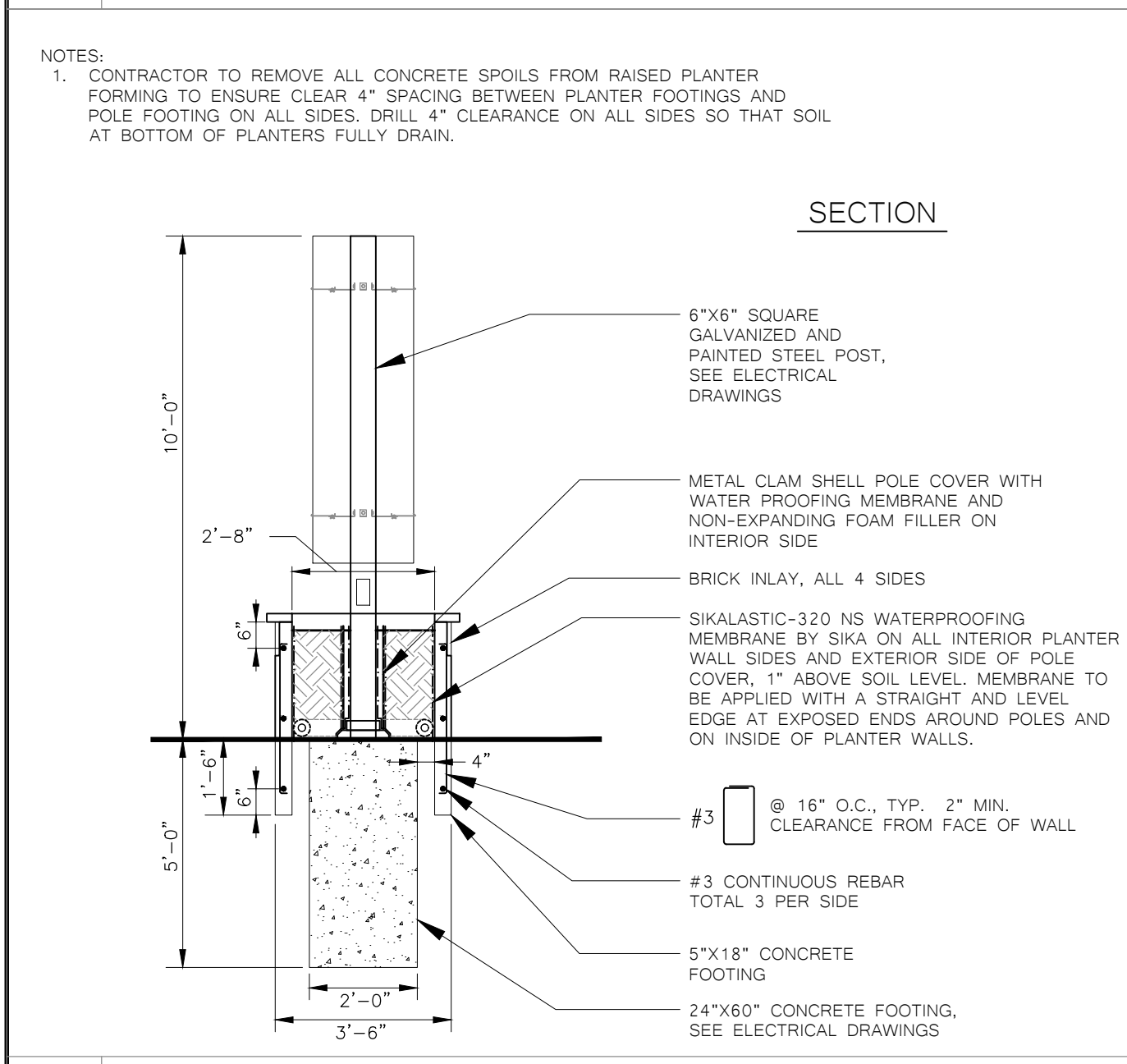
7 18" TALL DECORATIVE STEEL PANEL RAILING - POST AND FOOTING LAYOUT ENLARGEMENT



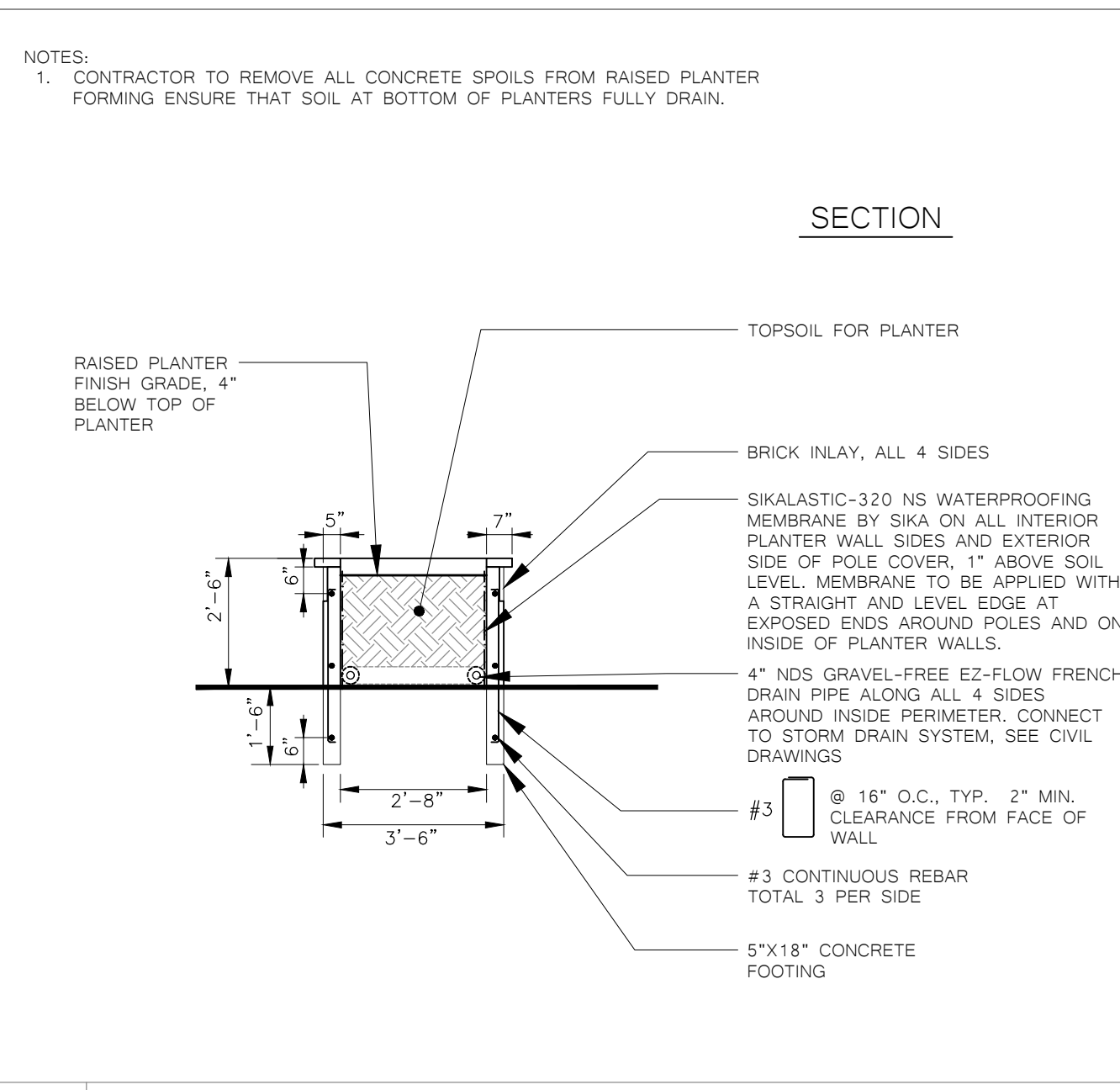
8 18" TALL DECORATIVE STEEL PANEL RAILING



9 CONCRETE PLINTH



10 RAISED CONCRETE PLANTER WITH VINE SCREEN COLUMN



11 RAISED CONCRETE PLANTER ONLY

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-120824 INC.
REVIEWED FOR
SS FLS ACS
DATE: 08/30/2023

AGENCY APPROVAL

**ALBERT EINSTEIN MIDDLE SCHOOL
HVAC REPLACEMENT**

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SACRAMENTO, CA 95826

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

SEAL OF THE STATE ARCHITECT
Bryan Hollis Walker
C-5453

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SEAL OF THE STATE ARCHITECT
No. C-26367
RENEWAL DATE 1/31/25
STATE OF CALIFORNIA

CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023
3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023
JOB NO.: Y2243.00
SHEET TITLE
**SITE INSTALLATION
DETAILS**

SHEET NO.
L020

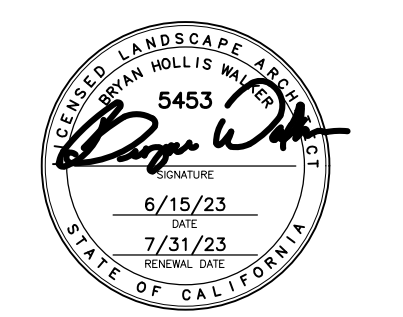
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AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT

9325 MIRANDY DR
 SACRAMENTO, CA 95826

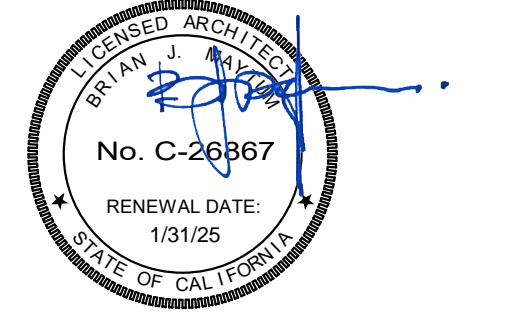
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT



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ARCHITECT CONSTRUCTION DOCUMENTS

REVISIONS		
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1	DSA SUBMITTAL SET	12/22/2022
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3	DSA BACKCHECK SET V3	07/17/2023

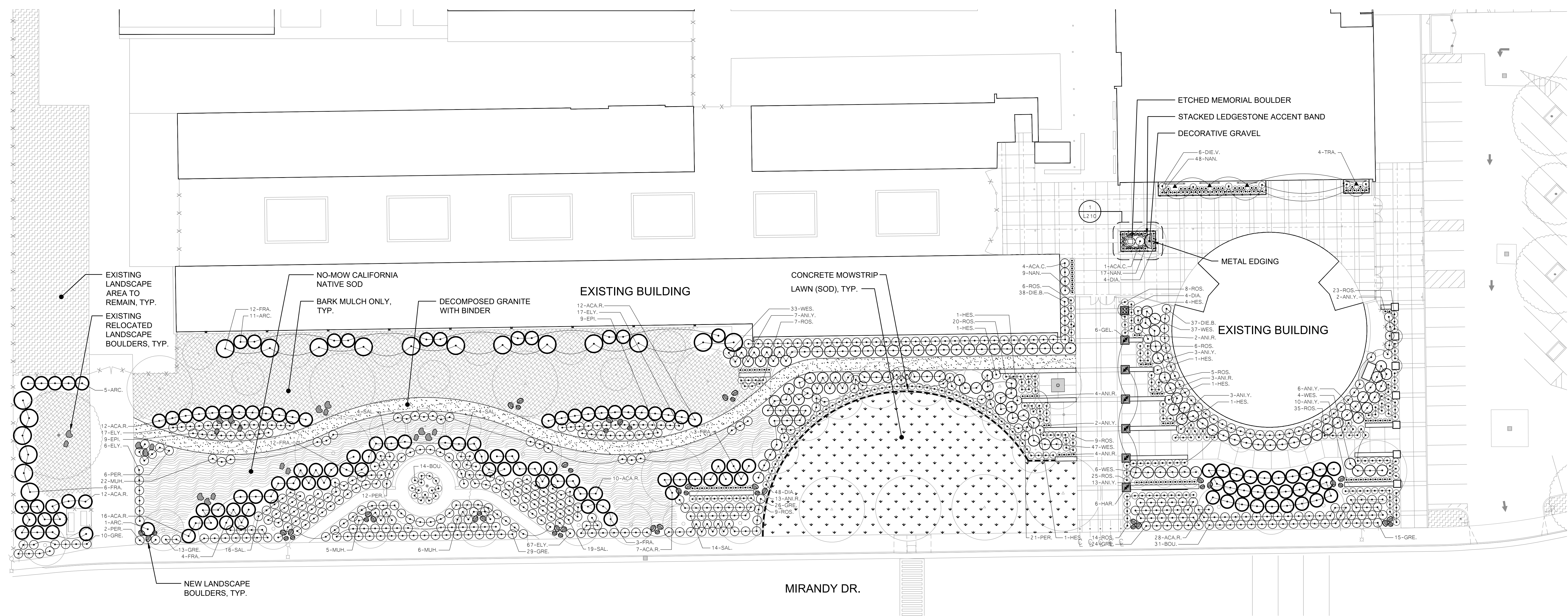
DATE: 07/17/2023

JOB NO.: Y2243.00

SHEET TITLE
TURF AND SHRUB PLANTING PLAN

SHEET NO.

L210



GENERAL LANDSCAPE REQUIREMENTS/NOTES

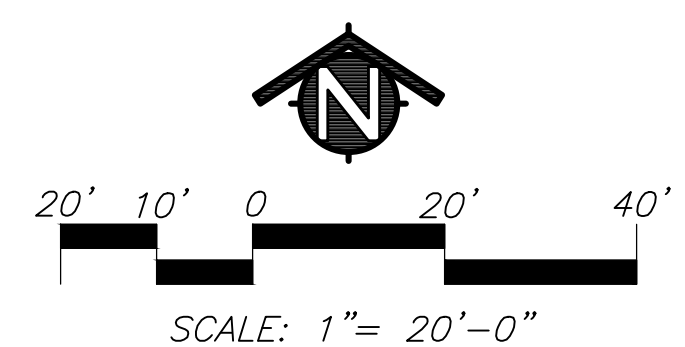
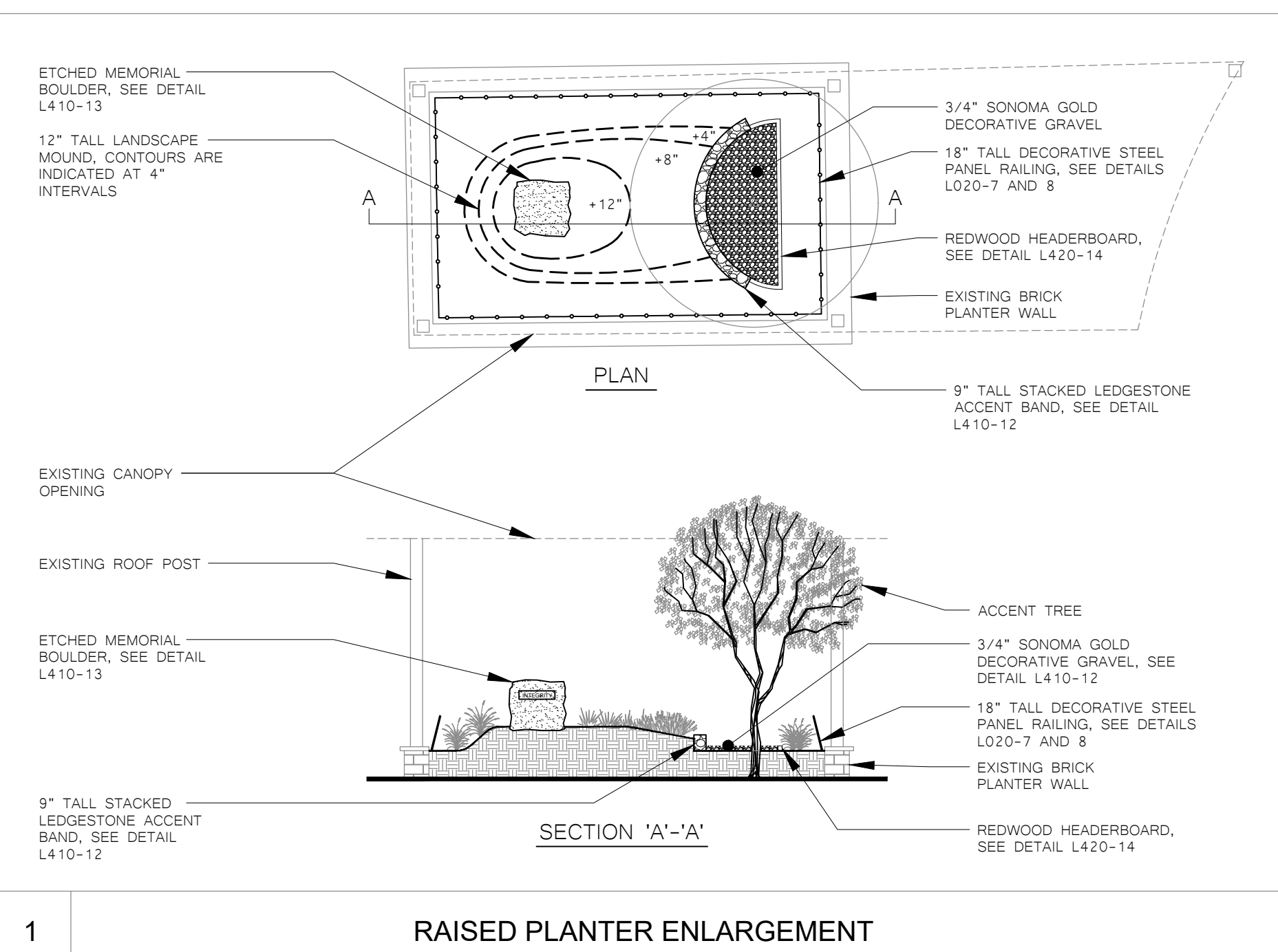
- NO PLANTING SHALL BE STARTED UNTIL SPRINKLER IRRIGATION SYSTEM HAS BEEN TESTED BY CONTRACTOR IN PRESENCE OF OWNER'S REPRESENTATIVE AND NOTED DEFICIENCIES CORRECTED.
 - NO PLANTING SHALL BE STARTED UNTIL SOIL PREPARATION AND FINISH GRADING OPERATIONS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
 - QUANTITIES SHOWN ON PLANT MATERIAL LIST ARE APPROXIMATE. PROVIDE QUANTITIES INDICATED ON LANDSCAPE PLAN.
 - PLANT MATERIAL IS SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
 - SEE SHEET L410 FOR PLANTING INSTALLATION DETAILS.
- ENVIRONMENTAL REQUIREMENTS:**
 GENERAL: PROCEED WITH WORK IN ORDERLY AND TIMELY MANNER TO COMPLETE INSTALLATION OF LANDSCAPING WITHIN CONTRACT LIMITS.
- PROTECTION:**
 EXISTING CONSTRUCTION: EXECUTE WORK IN AN ORDERLY AND CAREFUL MANNER TO PROTECT NEW CONCRETE WALKS, WORK OF OTHER TRADES, AND OTHER IMPROVEMENTS.
 EXISTING UTILITIES: DETERMINE LOCATION OF UNDERGROUND UTILITIES AND PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE. HAND EXCAVATE, AS REQUIRED, TO MINIMIZE POSSIBILITY OF DAMAGE TO UNDERGROUND UTILITIES. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY ALL PARTIES CONCERNED. BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES WITHIN CONSTRUCTION AREA; REPAIR DAMAGE TO UTILITIES THAT OCCUR AS A RESULT OF OPERATIONS OF THIS WORK.
 LANDSCAPING: PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS, OPERATIONS BY OTHER CONTRACTORS AND TRADES AND TRAFFIC. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED AT NO ADDITIONAL COST TO CONTRACT.
 ADVERSE CONDITIONS: WHEN CONDITIONS DETRIMENTAL TO SOIL OR PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE STARTING WORK.
- PLANTING AND TURF INSTALLATION SEASONS AND CONDITIONS**
 NO WORK SHALL BE DONE WHEN GROUND IS FROZEN, SNOW COVERED, TOO WET OR IN AN OTHERWISE UNSUITABLE CONDITION FOR AMENDING SOIL, FINISH GRADING OR PLANTING.

- SOIL TESTING/SOIL IMPROVEMENT:**
 SEE SPECIFICATIONS 32 90 00, SECTION 3.02 PREPARATION / A. SOIL TESTING AND / C. SOIL PREPARATION.
- SOIL PERCOLATION**
 EXCAVATE TREE PITS. FILL EXCAVATED TREE PITS WITH WATER TO 1/2 DEPTH OF PIT. PITS SHOULD DRAIN WITHIN 4 HOURS. IF PLANTING PITS DO NOT DRAIN, NOTIFY INSPECTOR IMMEDIATELY. PLANTING SHALL NOT BE STARTED UNTIL OWNER'S REPRESENTATIVE HAS RESOLVED A METHOD TO REMEDY DRAINAGE ISSUE.
- PLANT MATERIAL STANDARDS**
 PLANTS SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ANSI Z60.1-AMERICAN STANDARD FOR NURSERY STOCK, EXCEPT AS OTHERWISE STATED IN SPECIFICATIONS OR SHOWN ON DRAWINGS WHERE DRAWINGS OR SPECIFICATIONS ARE IN CONFLICT WITH ANSI Z60.1, DRAWINGS AND SPECIFICATIONS SHALL PREVAIL. PRUNE, THIN OUT AND SHAPE TREES IN ACCORDANCE WITH ANSI STANDARD HORTICULTURAL PRACTICE. PRUNE TREES TO RETAIN REQUIRED HEIGHT AND SPREAD, UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT. DO NOT CUT TREE LEADERS, AND REMOVE ONLY INJURED OR DEAD BRANCHES FROM FLOWERING TREES.
- EXISTING LANDSCAPE AND SPRINKLER IRRIGATION SYSTEM**
 WORK LIMITS OF THIS PROJECT EXTEND INTO AREAS THAT WERE PREVIOUSLY DEVELOPED UNDER OTHER CONTRACTS. PRIOR TO START OF WORK, CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO LOCATE ALL CONNECTIONS CALLED FOR ON DRAWINGS. WORK LIMITS/FENCING SHALL BE Laid OUT BY CONTRACTOR AND VERIFIED BY OWNER'S REPRESENTATIVE. FENCE TO BE INSTALLED AND IRRIGATION SYSTEM SHALL BE TESTED WITH CONTRACTOR, INSPECTOR, AND OWNER'S REPRESENTATIVE PRESENT. DEFICIENCIES SHALL BE NOTED AT THIS TIME AND ARE THE RESPONSIBILITY OF OWNER. AT COMPLETION OF WORK, SYSTEM WILL AGAIN BE TESTED. DEFICIENCIES NOTED AT THIS TIME THAT WERE NOT NOTED PREVIOUSLY WILL BE RESPONSIBILITY OF CONTRACTOR. EXISTING LANDSCAPE THAT HAS BEEN DAMAGED DUE TO CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER. PRIOR TO MAKING ANY CONNECTION TO MAIN LINE, CONTRACTOR SHALL NOTIFY OWNER 1 WEEK IN ADVANCE SO ADJUSTMENTS TO EXISTING WATERING PROGRAMS CAN BE MADE.

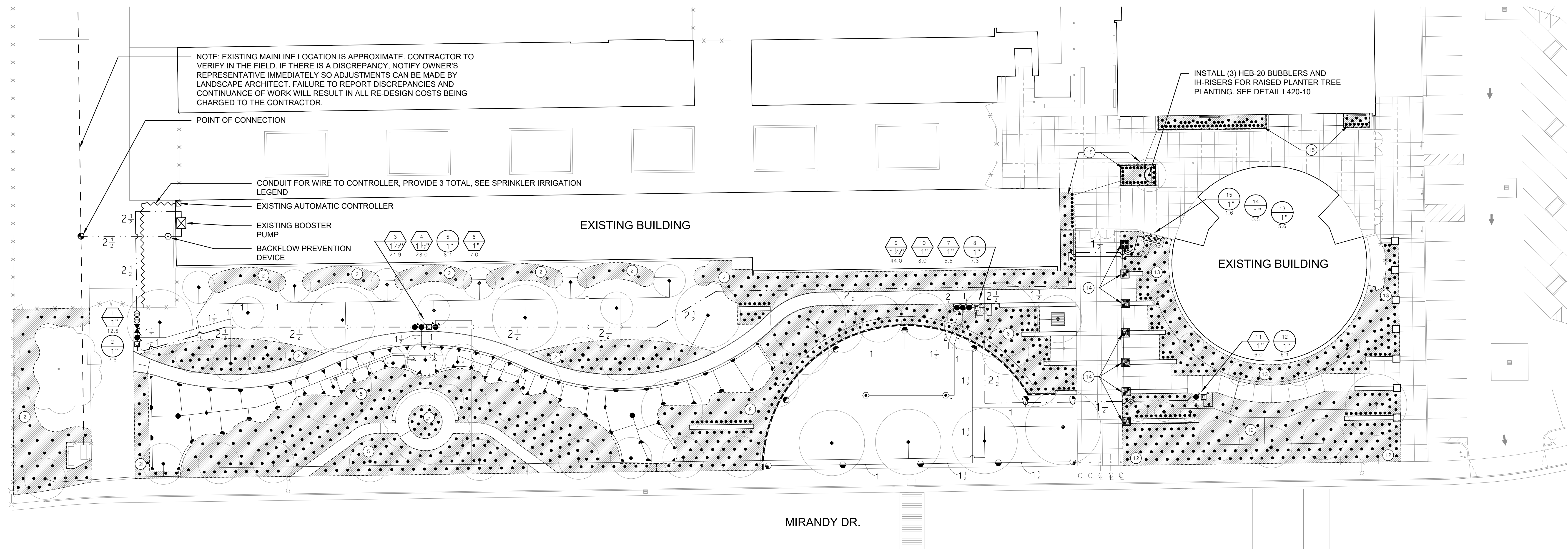
PLANT MATERIAL LIST

SIZE	QTY.	KEY	BOTANICAL NAME ... COMMON NAME	WATER USE
SHRUBS:				
5 G.C.	5	ACA.C.	ACACIA COGNATA 'COUSIN ITT' ... COUSIN ITT ACACIA	MEDIUM
5 G.C.	32	ARC.	ARCTOSTAPHYLOS DENISELERA 'HOWARD MCMINN' ... HOWARD MCMINN MANZANITA	LOW
5 G.C.	26	ANI.R.	ANGIOZANTHOS 'KANGA RED' ... RED KANGAROO PAW	LOW
5 G.C.	48	ANI.Y.	ANGIOZANTHOS 'YELLOW' ... YELLOW KANGAROO PAW	LOW
1 G.C.	58	DIA.	DIANELLA REVOLUTA 'CLARITY BLUE' ... CLARITY BLUE DIANELLA	LOW
5 G.C.	75	DIE.B.	DIETES BICOLOR ... WHITE FORTNIGHT LILY	LOW
5 G.C.	6	DIE.V.	DIETES GRANDIFLORA 'VARIEGATA' ... VARIEGATED FORTNIGHT LILY	LOW
1 G.C.	18	EPI.	EPILOBIUM CANUM ... CALIFORNIA FUSCHIA	LOW
5 G.C.	50	FRA.	FRANGULA CALIFORNICA 'MOUND SAN BRUNO' ... COFFEEBERRY	LOW
5 G.C.	10	HES.	HESPERALOE PARVIFLORA 'BRINKLIGHTS' ... RED YUCCA	LOW
5 G.C.	41	PER.	PEROVSKIA ATRIPLICIFOLIA ... RUSSIAN SAGE	LOW
5 G.C.	167	ROS.	ROSA 'FLOWER CARPET WHITE' ... WHITE CARPET ROSE	LOW
5 G.C.	57	SAL.	SALVIA 'BEE'S BUSS' ... BEE'S BUSS SAGE	LOW
ORNAMENTAL GRASSES:				
5 G.C.	45	BOU.	BOUTELOUA GRACILIS 'BLONDE AMBITION' ... BLUE GRAMA	LOW
5 G.C.	107	ELY.	ELYMUS CONDENSATUS 'CANYON PRINCE' ... GIANT WILD RYE	LOW
5 G.C.	33	MUH.	MUHLENBERGIA RIGENS ... DEER GRASS	LOW
GROUND COVER:				
5 G.C.	97	ACA.R.	ACACIA REDOLENS 'LOW BOY' ... PROSTRATE ACACIA	LOW
5 G.C.	117	GRE.	GREVILLEA LANGIERA 'MT. TAMBORITHA' ... WOOLLY GREVILLEA	LOW
5 G.C.	74	NAN.	NANDINA DOMESTICA 'MURASKI' ... FLRT HEAVENLY BAMBOO	MEDIUM
5 G.C.	127	WES.	WESTRINGIA FRUTICOSA 'MUNDI' ... COAST ROSEMARY	LOW
VINE PLANTING:				
5 G.C.	6	GEL.	GELSEMIUM SEMPERVIRENS ... CAROLINA JESSAMINE	MEDIUM
5 G.C.	10	HAR.	HARDENBERGIA VIOLEACEA ... PURPLE VINE LILAC	MEDIUM
5 G.C.	4	TRA.	TRACHELOSPERMUM ASIATICUM ... ASIAN STAR JASMINE	MEDIUM

KEY	LANDSCAPE LEGEND	KEY	LANDSCAPE LEGEND
	ETCHED MEMORIAL BOULDER		ETCHED MEMORIAL BOULDER 30"x30" CORDOVA BROWN BOULDER BY THOMPSON BUILDING MATERIALS SEE DETAIL L410-13
	TREES - NOT ALL SYMBOLS SHOWN		9" TALL STACKED LEDGESTONE ACCENT BAND QUARTZITE MINI LEDGE BY THOMPSON BUILDING MATERIALS COLOR: GOLD SIZE: 3" WIDE AND TALL, 6"-12" LONG SEE DETAIL L410-12
	SHRUBS		NEW LANDSCAPE BOULDERS (50 TOTAL) ARIZONA MOSS BOULDERS BY DECORATIVE STONE SOLUTIONS SEE DETAIL L410-4
	LAWN (SOD)		EXISTING RELOCATED LANDSCAPE BOULDERS (21 TOTAL) BOULDER TYPE SHOWN FOR CLARITY PURPOSES ONLY; NEW AND EXISTING BOULDERS TO BE EVENLY MIXED THROUGHOUT THE SITE SEE DETAIL L410-4
	DECOMPOSED GRANITE WITH BINDER		VINE PLANTING SEE DETAIL L410-7
	DECORATIVE GRAVEL		SHRUB QUANTITY
	NO-MOW CALIFORNIA NATIVE SOD		SHRUB KEY
	BARK MULCH ONLY		CONCRETE MOWSTRIP SEE DETAIL L410-11
	EXISTING LANDSCAPE AREA TO REMAIN		METAL EDGING PERMALOC CLEANLINE METAL EDGING, 4" X 3/16" SIZE SEE DETAIL L410-14
			EXISTING TREES TO REMAIN



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AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT

9325 MIRANDY DR
 SACRAMENTO, CA 95826

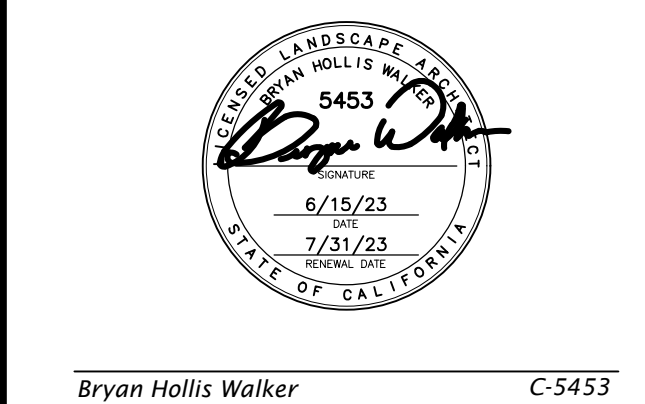
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

KEY	SPRINKLER IRRIGATION LEGEND
	EXISTING AUTOMATIC CONTROLLER: CONTROLLER "3" - HUNTER ACC2 PROVIDE 7 ADDITIONAL EXPANSION MODULES: A3M-600 CONTROLLER LOCATED IN UTILITY CLOSET. PROVIDE CONDUIT FOR CONTROL WIRES TO CONTROLLER. SPLICE WIRES NEAR CONTROLLER AND ENTER CONTROLLER HOUSING WITH 18AWG WIRE (MATCH EXISTING WIRE SIZE) LABEL ALL WIRE AT SPLICES WITH STATION NUMBER.
	POINT OF CONNECTION: THIS IRRIGATION SYSTEM IS DESIGNED TO OPERATE AT EXISTING STATIC WATER PRESSURE AND 45 PSI DYNAMIC WATER PRESSURE WITH A MAXIMUM FLOW OF 44 GPM. CONTRACTOR SHALL LOCATE EXISTING DOMESTIC MAINLINE IN THE FIELD. CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS.
	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE: WILKINS MODEL NO.375XL, 2" SIZE. PROVIDE CONCRETE SLAB, PIPE STAND, INSULATED ENCLOSURE, AND ALL INCIDENTAL WORK. COORDINATE EXACT LOCATION IN FIELD.
	EXISTING BOOSTER PUMP: WALL MOUNTED, LOCATED IN UTILITY CLOSET
	MASTER VALVE/FLOW SENSOR ASSEMBLY: MASTER VALVE - 2" NORMALLY CLOSED GRISWOLD #2000L FLOW SENSOR - BADGER 22055 INSERT IN 2" SADDLE TO BE CONNECTED TO AUTOMATIC CONTROLLER WITH UF-14 WIRE IN 1" CONDUIT.
	GATE VALVE: TYPE: LEEMCO GATE VALVE THREADED WITH A NON-RISING STEM AND HANDWHEEL. GATE VALVE INSTALLED IN A VALVE BOX WITH TOP OF BOX SET FLUSH TO FINISH GRADE. GATE VALVE TO BE LINE SIZE.
	PRESSURE MAIN LINE: TYPE: 2" SIZE AND SMALLER: ASTM D1785, PVC SCHEDULE 40, SOLVENT WELD. 2 1/2" SIZE AND LARGER: ASTM D2241 SDR 21, 200 PSI, RUBBER GASKETED WITH LEEMCO FITTINGS. TRENCH DEPTH: IN PLANTED AREAS: 24" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.
	EXITING MAIN LINE:
	LATERAL LINE: TYPE: ASTM D1785, PVC SCHEDULE 40, SOLVENT WELD ALL UNSIZED PIPE SHALL BE 3/4" SIZE. TRENCH DEPTH: IN PLANTED AREAS: POP-UP SPRAY HEADS - 12" MINIMUM COVER. ROTOR HEADS - 18" MINIMUM COVER. BUBBLER HEADS - 12" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT.

KEY	SPRINKLER IRRIGATION LEGEND
	AUTOMATIC CONTROL VALVE: HUNTER (CV-AS-ADJ WITH ACCU SYNC FOR STATIONS WITH A FLOW OF 5 GPM OR MORE FOR STATIONS WITH A FLOW BELOW 5 GPM, OMIT ACCU SYNC.
	QUICK COUPLER VALVE: RAINBIRD 44NP OR APPROVED EQUAL VALVES SHALL HAVE LOCKING RUBBER COVERS, INSTALLED IN VALVE BOXES. TOP OF VALVE BOX SHALL HAVE BOLT DOWN LID AND TOP SET LEVEL TO FINISH GRADE.
	LAWN POP-UP ROTOR HEADS: FULL CIRCLE HUNTER: 1-20-04-SS-PRB-4.0 HALF CIRCLE HUNTER: 1-20-04-SS-PRB-4.0 QUARTER CIRCLE HUNTER: 1-20-04-SS-PRB-4.0
	SHRUB POP-UP SPRAY HEADS: HUNTER: PROS-06-PRS40-CV WITH HUNTER MP815 SERIES NOZZLES. (40 PSI REGULATION) FULL, HALF, THREE-QUARTER, AND QUARTER SPRAY PATTERNS.
	SHRUB POP-UP SPRAY HEADS: HUNTER: PROS-06-PRS40-CV WITH HUNTER MP800SR SERIES NOZZLES. (40 PSI REGULATION) FULL AND HALF SPRAY PATTERNS.
	TREE BUBBLER HEADS (TWO HEADS PER SYMBOL): HUNTER R2WS-18-25-CV WITH INLINE CHECK VALVE
	AUTOMATIC DRIP IRRIGATION VALVE/FILTER/PRESSURE REGULATOR: HUNTER IC2-101-LF-25
	SHRUB BUBBLER: EMITTER TO BE HUNTER HEB-20 (2 GPH). IH RISER TO BE BURIED A MINIMUM DEPTH OF 3" BELOW GRADE. HUNTER IH-RISER EXTENSION TO EACH BUBBLER NOT SHOWN. SEE DETAILS L420-6, 10, AND L510-1 FOR INSTALLATION. PVC SCHEDULE 40 LATERAL LINES SHOWN ON PLAN. UNSIZED PIPE TO BE 3/4" SIZE. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT. LIMITS OF SHRUB BUBBLER PLACEMENT INDICATES VALVE STATION NUMBER PVC SCH 40 LATERAL LINE
	WIRE CONDUIT: PROVIDE (2) 1" CONDUITS FOR MASTER VALVE AND FLOW SENSOR. PROVIDE (1) CONDUIT SIZED FOR 20 CONTROL WIRES. PROVIDE 3 CONDUITS TOTAL.
	INDICATES CONTROL VALVE AND STATION NUMBER
	INDICATES CONTROL VALVE SIZE
	INDICATES GALLONS PER MINUTE

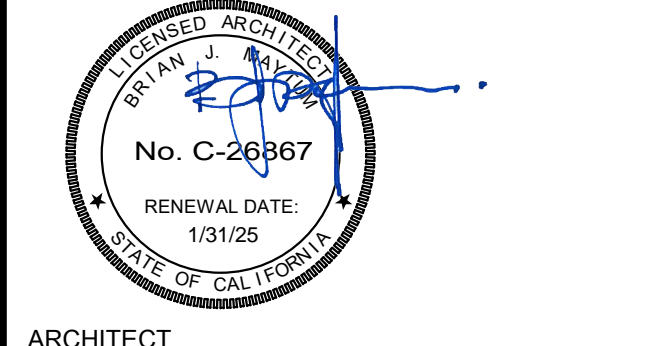
- SPRINKLER IRRIGATION NOTES**
- COMPOSITE BASE SHEET: PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILATION OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
 - DESIGN PRESSURE SHOWN ON PLANS HAS BEEN FURNISHED BY WATER COMPANY OR WATER DISTRICT SERVING SITE. VERIFY PRESSURE ON-SITE PRIOR TO THE INSTALLATION OF ANY SPRINKLER IRRIGATION EQUIPMENT. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
 - DETERMINE LOCATION OF UNDERGROUND UTILITIES. DAMAGE CAUSED BY INSTALLATION OF THIS WORK SHALL BE REPAIRED TO SATISFACTION OF GOVERNING AGENCY OR OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
 - SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
 - ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
 - TESTING:
 A. PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:
 SYSTEMS WITH BOOSTER PUMP:
 MAIN LINE - AT 100 PSI FOR 4 HOURS.
 LATERAL LINES - AT 100 PSI FOR 2 HOURS.
 B. COVERAGE TEST: NOTE: PRIOR TO REQUESTING COVERAGE TEST, INSURE ALL HEADS ARE SET PLUMBS, NOZZLES ARE ADJUSTED PROPERLY AND SYSTEM HAS BEEN CHECKED FOR AUTOMATION. REQUEST OWNER'S REPRESENTATIVES PRESENCE ON-SITE WHEN SPRINKLER SYSTEM IS COMPLETELY INSTALLED AND FULLY AUTOMATIC. PROVIDE ADEQUATE PERSONNEL AT THIS MEETING TO ADJUST AND FINE TUNE SYSTEM TO SATISFACTION OF OWNER'S REPRESENTATIVE.
 - LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
 - INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.
 - CONTROL WIRE SHALL BE UF-14; COLOR FOR LEAD AND WHITE FOR COMMON. SPLICES SHALL BE PERMITTED AT VALVE BOX LOCATIONS ONLY.
 - PROVIDE AND INSTALL AUTOMATIC CONTROLLER AND UF-14 CONTROL WIRE. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE 110V SERVICE AND SERVICE HOOKUP FROM POWER SOURCE TO AUTOMATIC CONTROLLER.
 - COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
 - NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.
 - FOR SPRINKLER IRRIGATION INSTALLATION DETAILS, SEE SHEET NO. L420.

- PRE-CONSTRUCTION SPRINKLER IRRIGATION NOTES**
- PRIOR TO START OF CONSTRUCTION CONTRACTOR REQUIRED TO CONTACT:
 NAME, TITLE: ANTHONY LEA
 PHONE NUMBER: (916) 317-9480
 TO SET UP A MEETING ON SITE TO OPERATE THE EXISTING SPRINKLER IRRIGATION SYSTEM AND DISCUSS THE MODIFICATIONS THAT ARE TO BE MADE TO THE EXISTING SYSTEM TO ACCOMMODATE FOR THE NEW CONSTRUCTION.
 - CONTRACTOR TO OPERATE AND PROGRAM EXISTING SPRINKLER IRRIGATION SYSTEM THAT IS TO REMAIN IN ORDER TO PROVIDE WATER TO THE EXISTING LANDSCAPE TO REMAIN.
 - CONTRACTOR TO REMOVE ALL EXISTING PIPE AND SPRINKLER HEADS WHEN THEY ARE IN NEW PLANTING AREAS.
 - CONTRACTOR TO RESTORE AND REPAIR ANY EXISTING SPRINKLER IRRIGATION SYSTEM OR EXISTING LANDSCAPE WHICH IS IN AREAS TO REMAIN THAT IS DAMAGED BY NEW WORK.
 - ALL WORK TO EXISTING SPRINKLER IRRIGATION SYSTEM TO BE COMPLETED PRIOR TO SITE DEMOLITION.



CONSULTANT

nacht&lewis
 600 Q Street, Suite 100
 Sacramento, CA 95811
 www.nachtandlewis.com
 916.329.4000

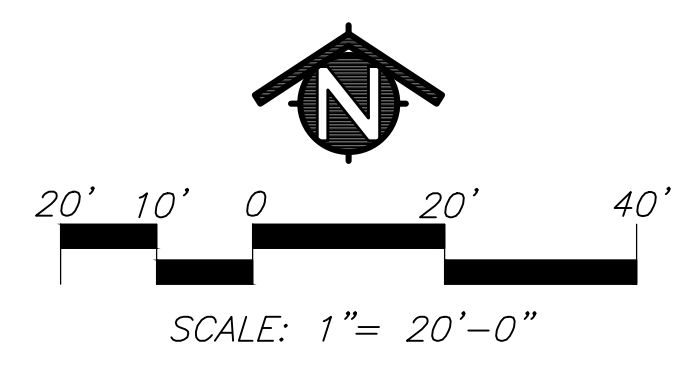


CONSTRUCTION DOCUMENTS

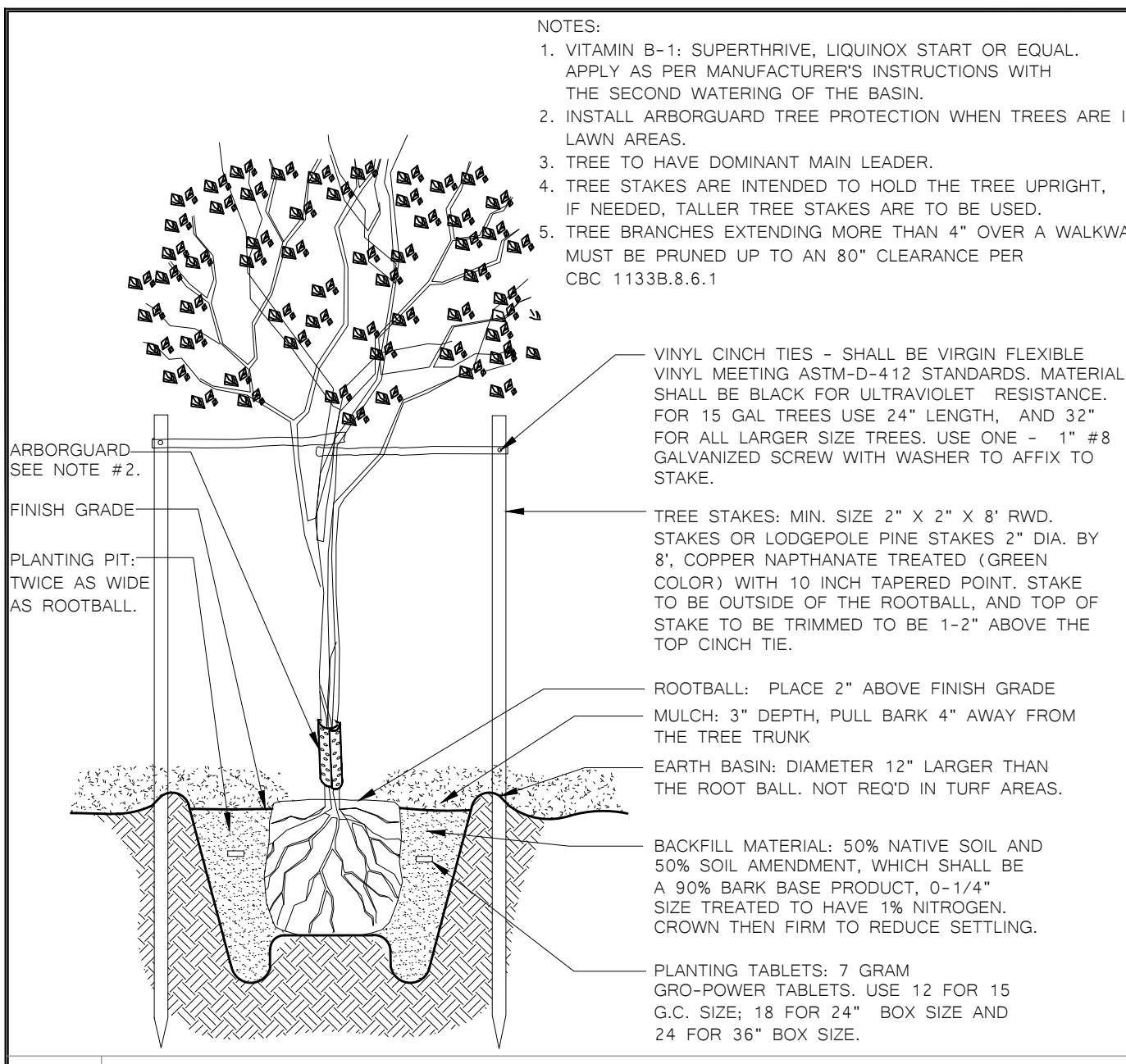
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023
3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023
 JOB NO.: Y2243.00
 SHEET TITLE
 LANDSCAPE IRRIGATION PLAN

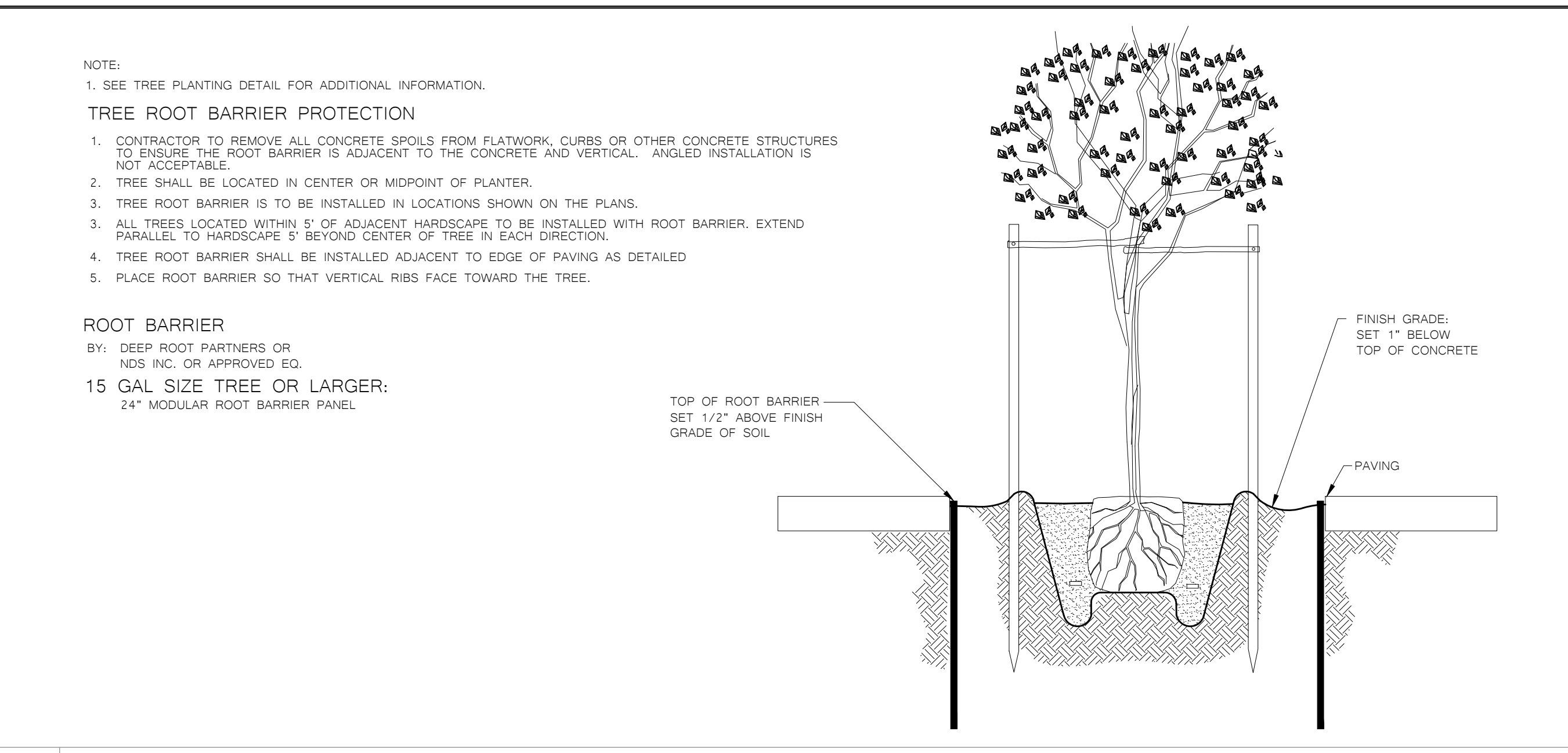
SHEET NO.
 L310



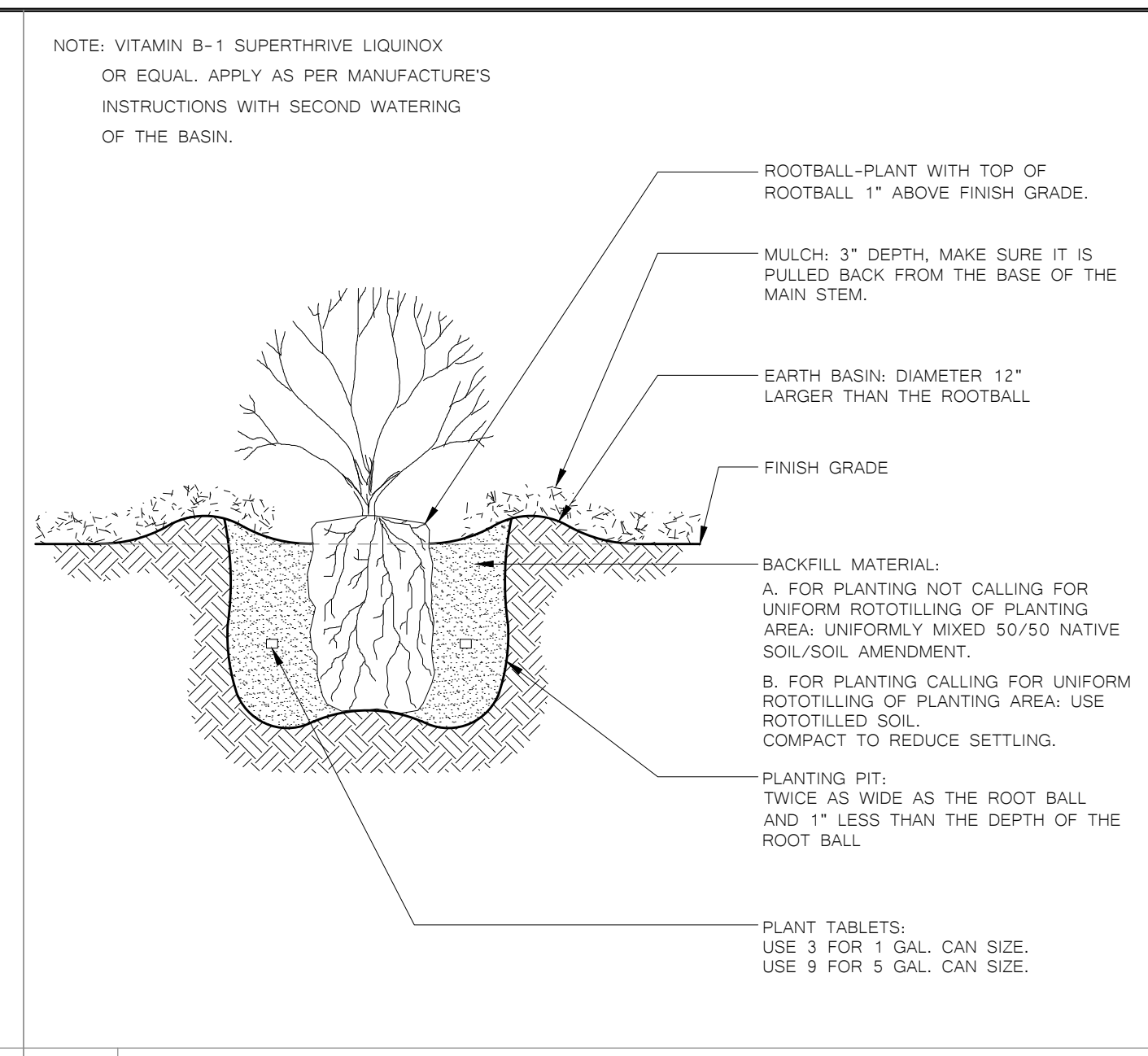
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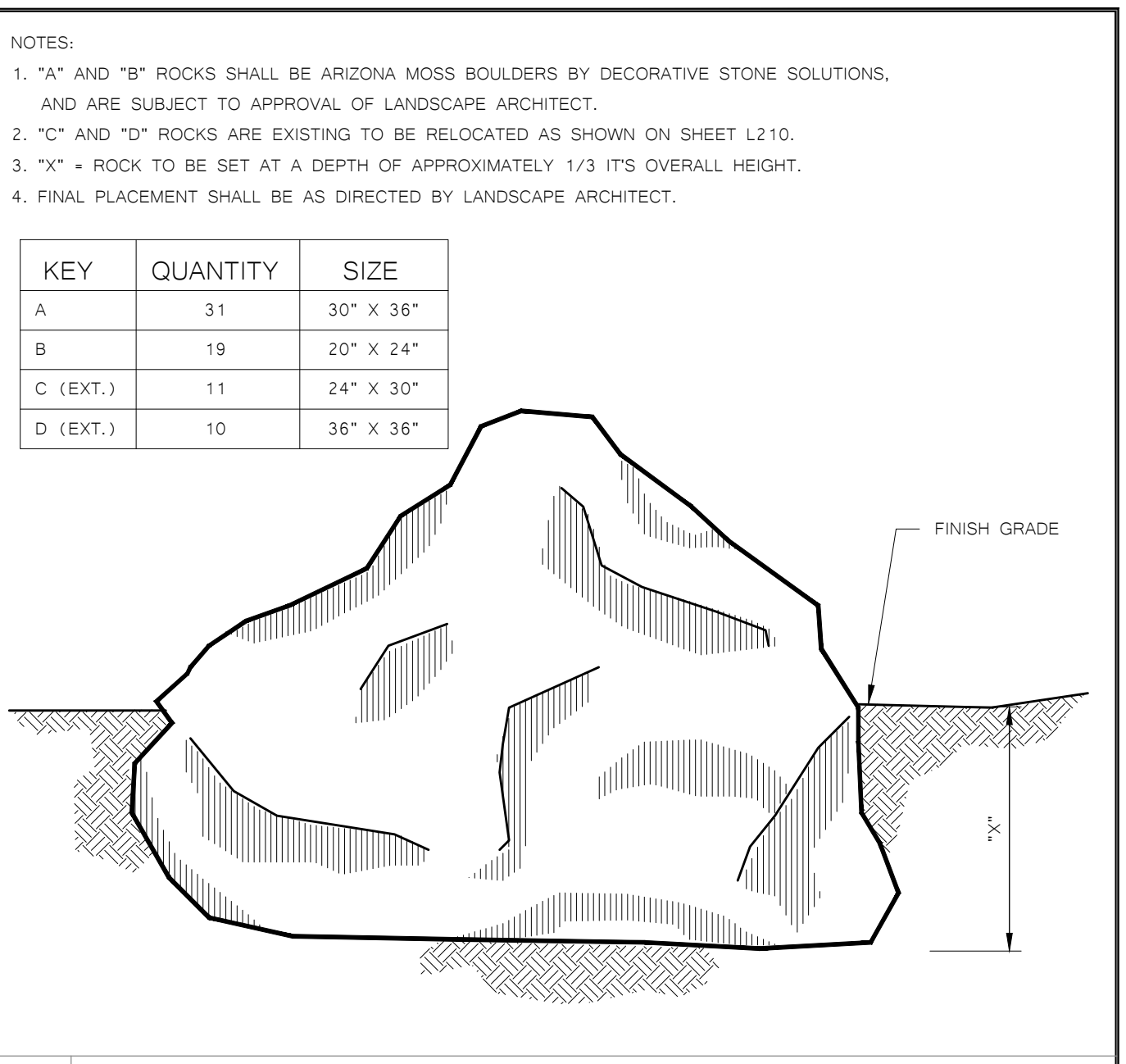
1 TREE PLANTING AND STAKING DETAIL



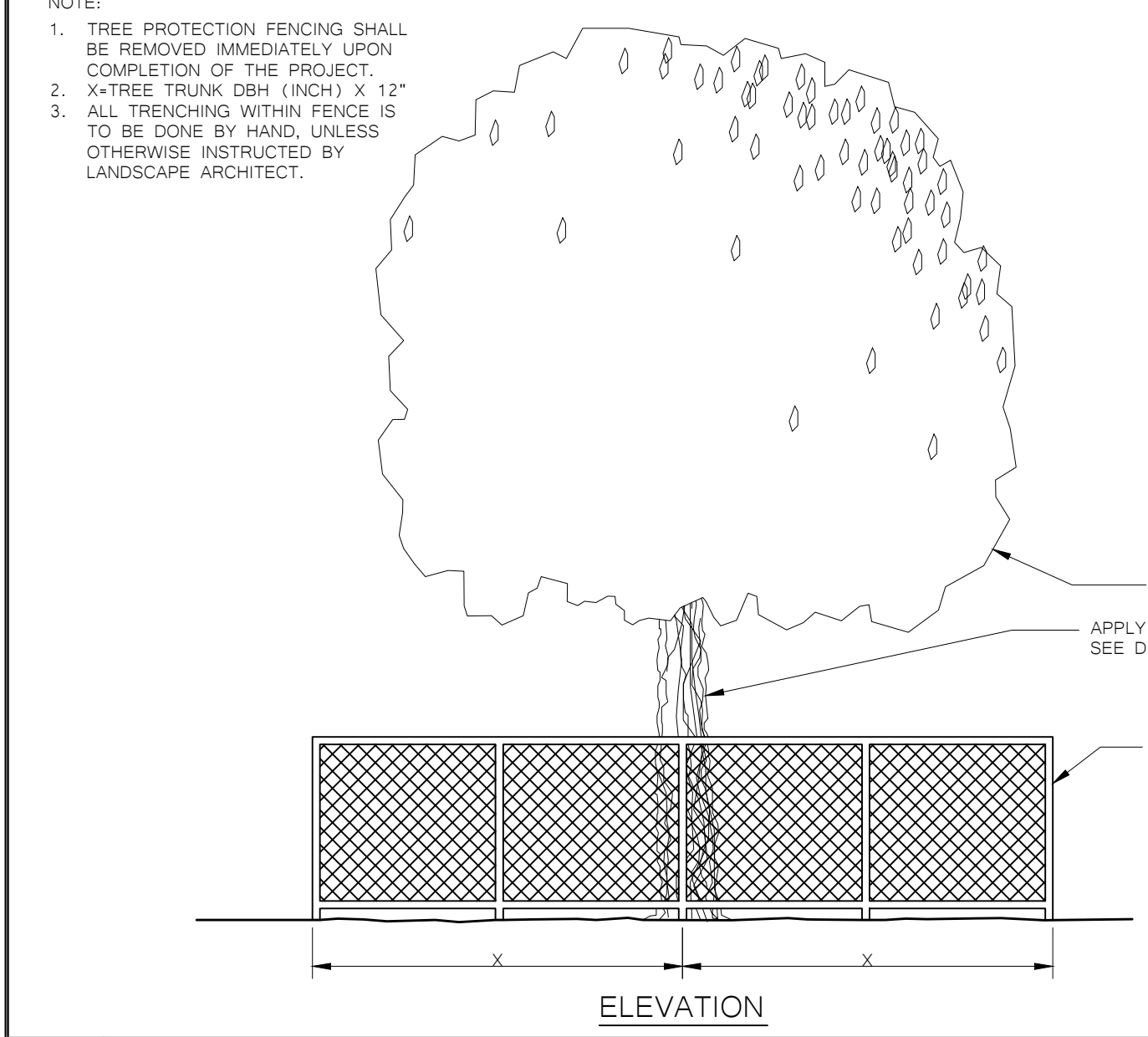
2 ROOT BARRIER CONTROL DETAIL



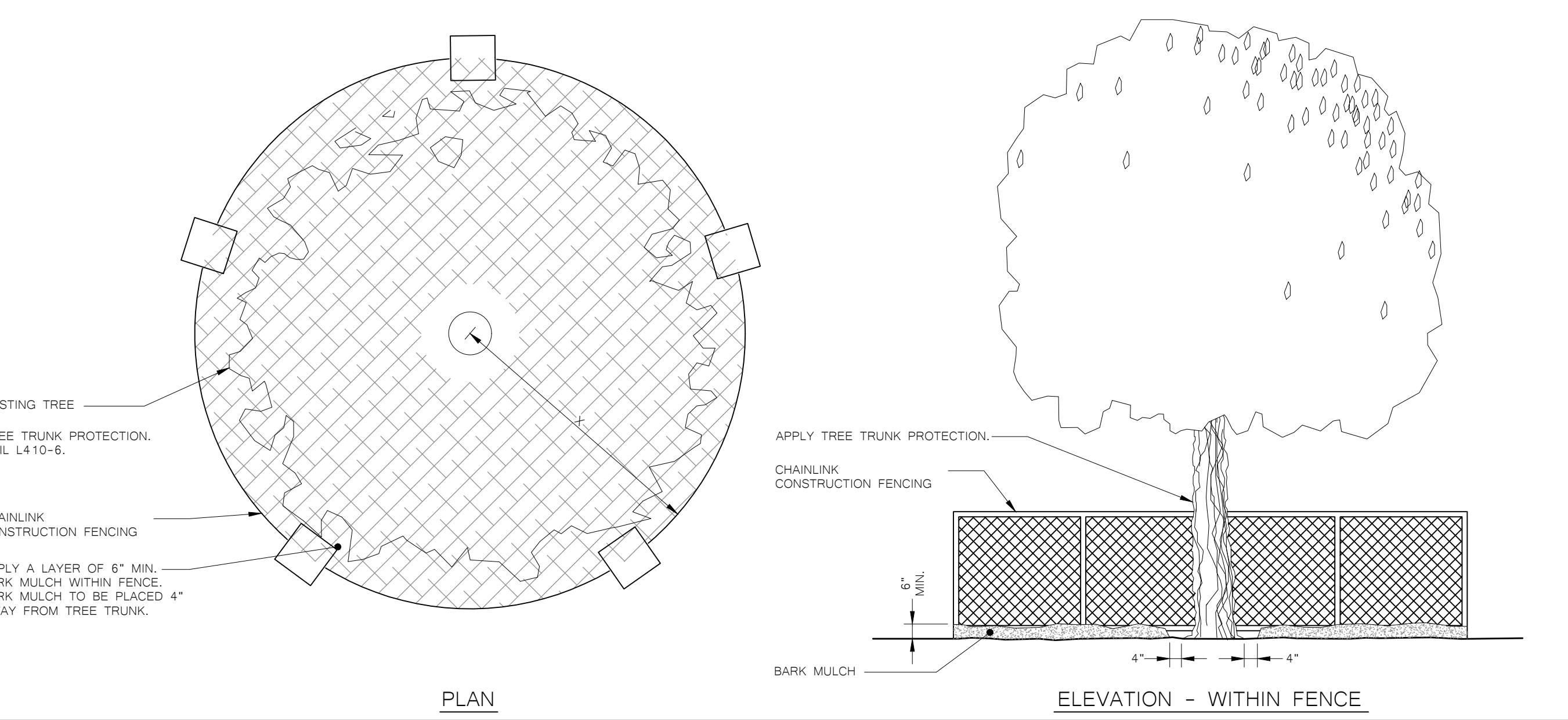
3 SHRUB PLANTING DETAIL



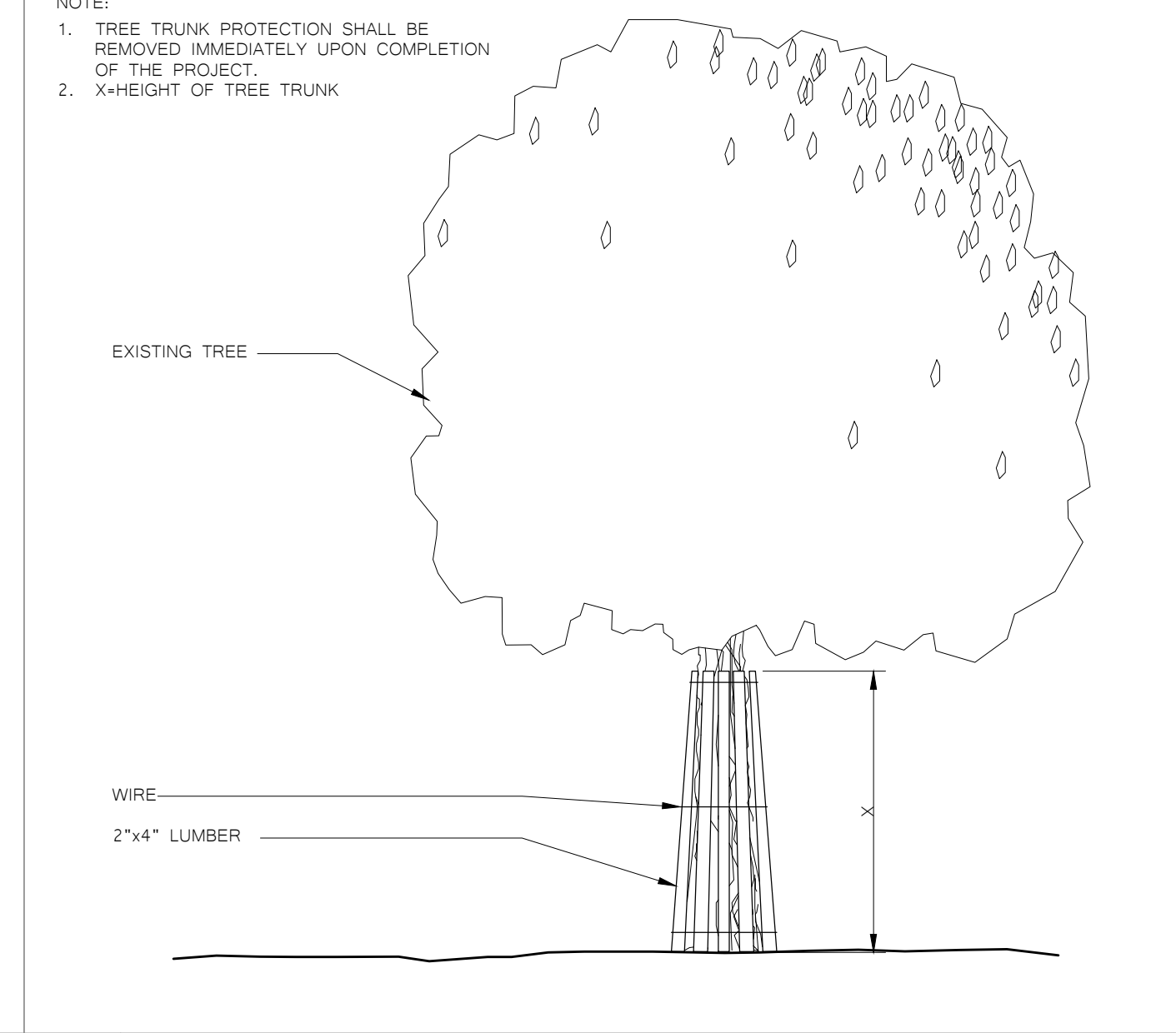
4 FIELDSTONE INSTALLATION DETAIL



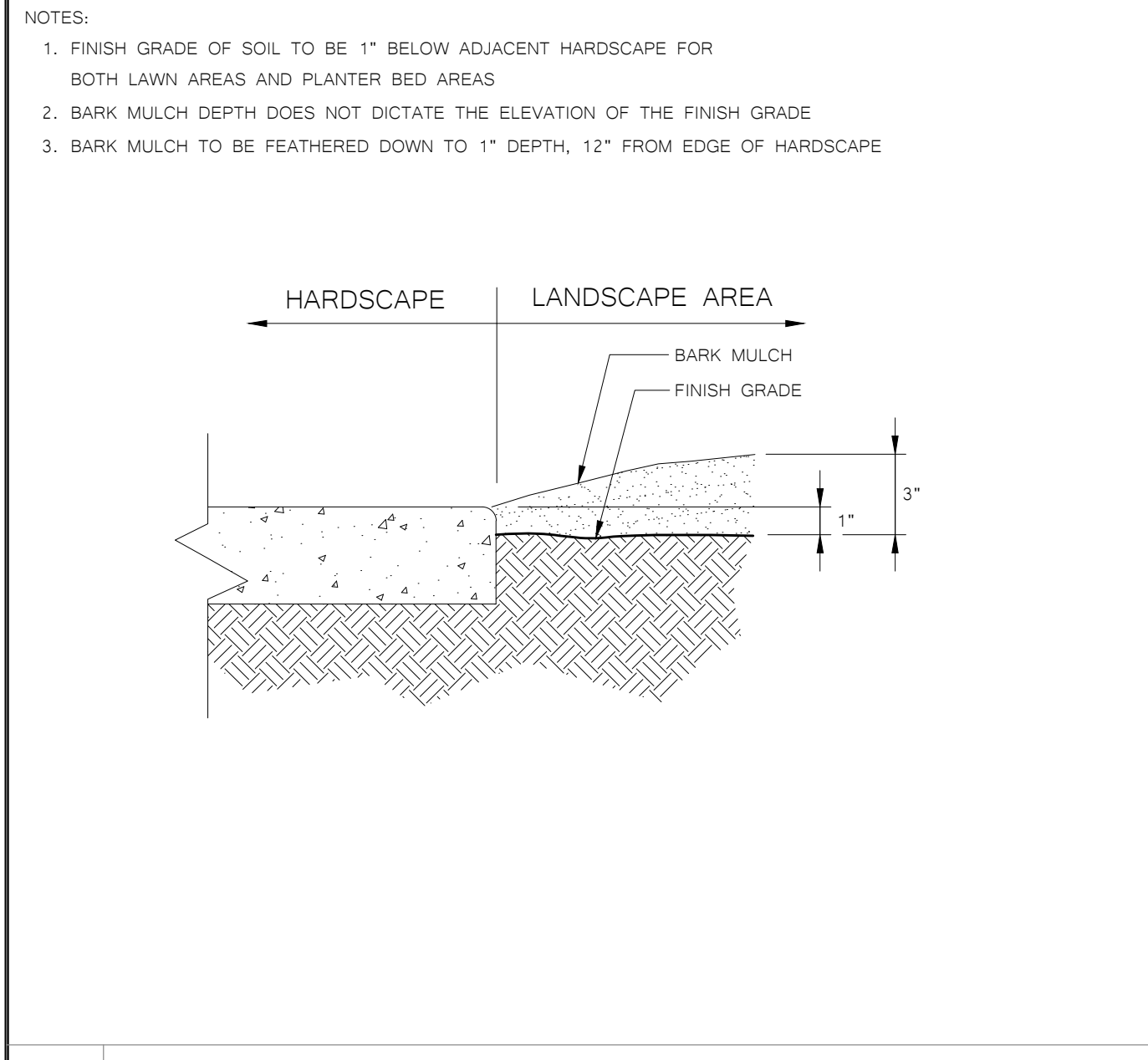
5 TREE PROTECTION FENCING DETAIL



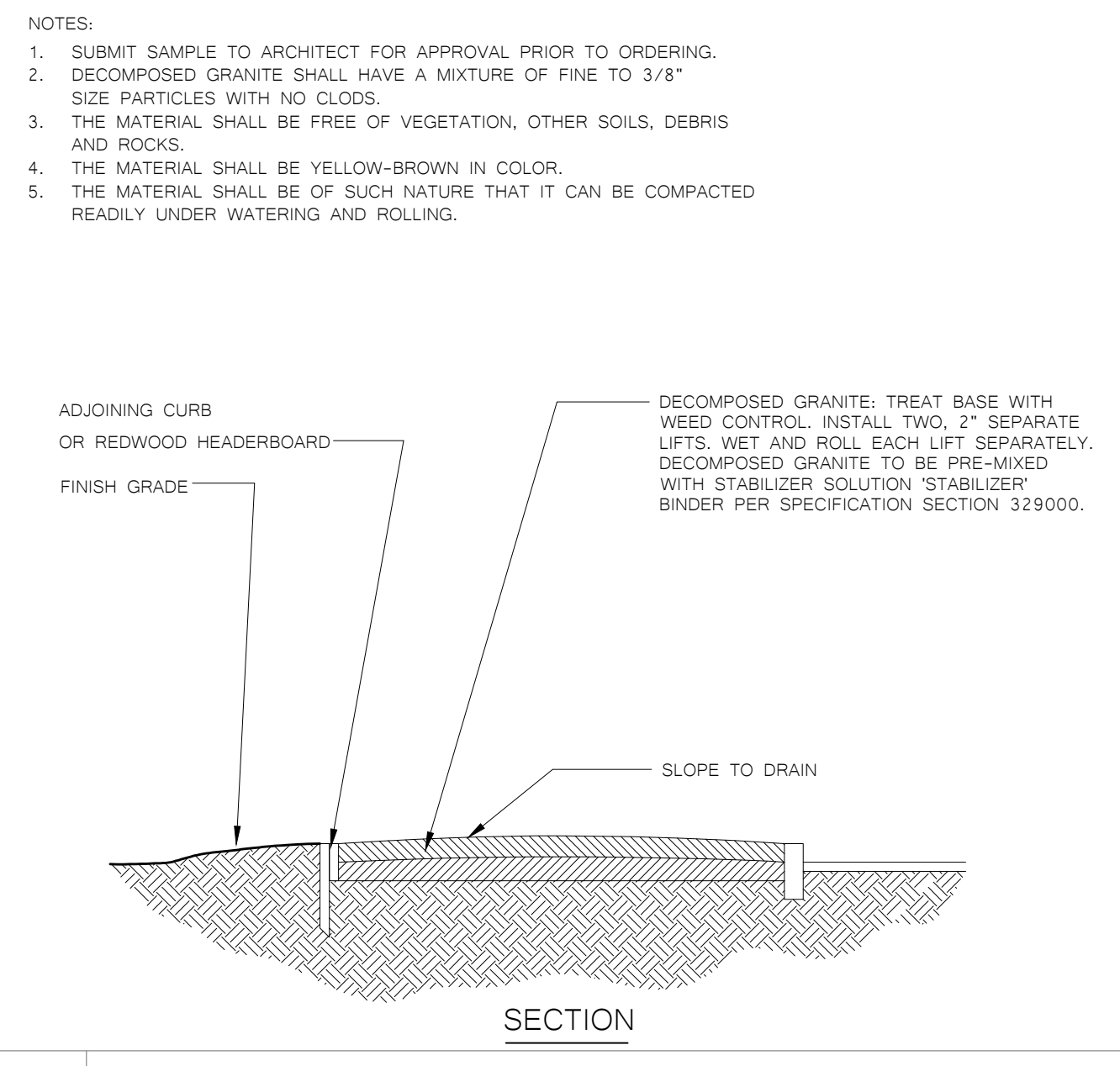
6 TREE TRUNK PROTECTION DETAIL



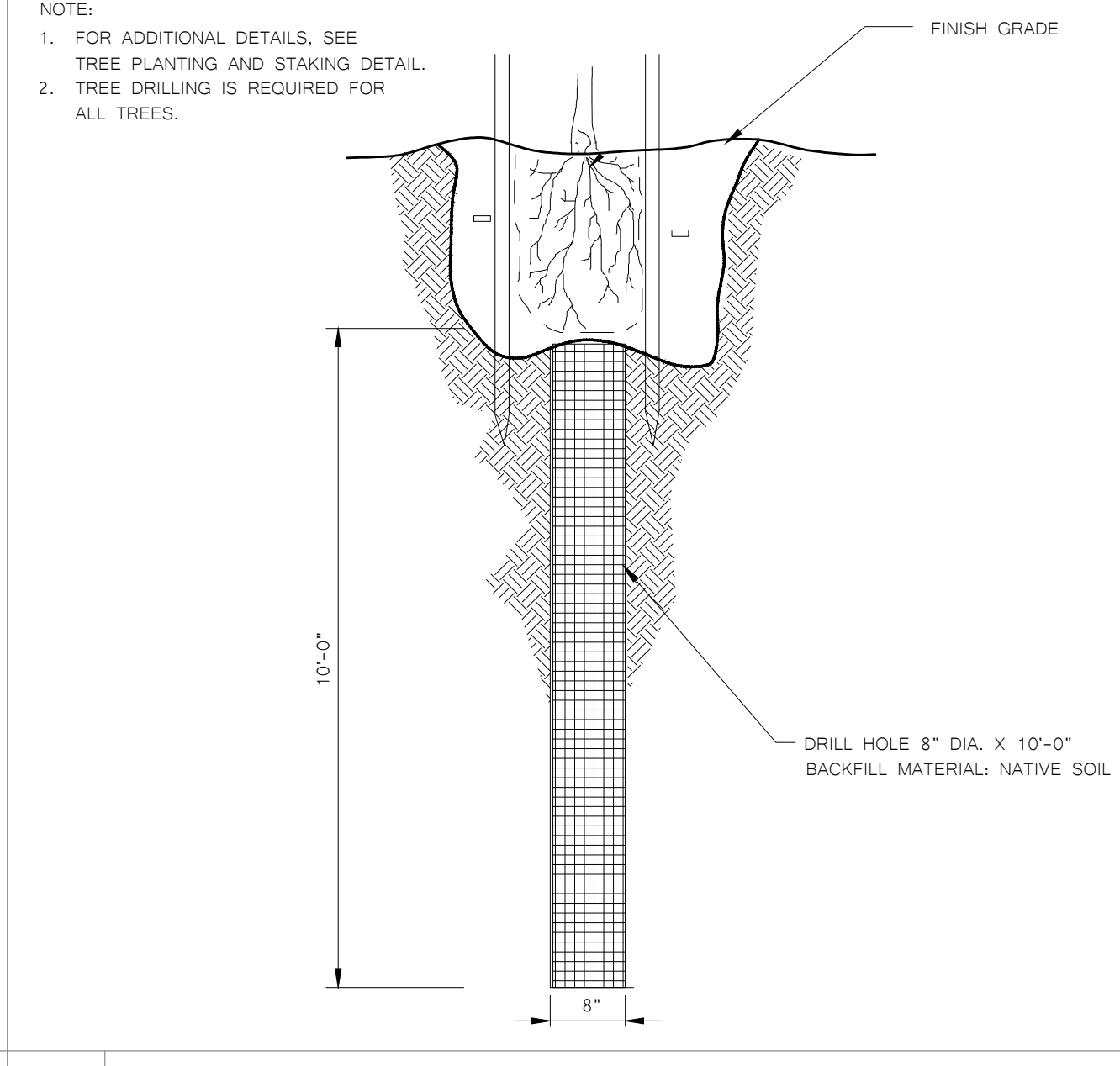
7 VINE PLANTING DETAIL



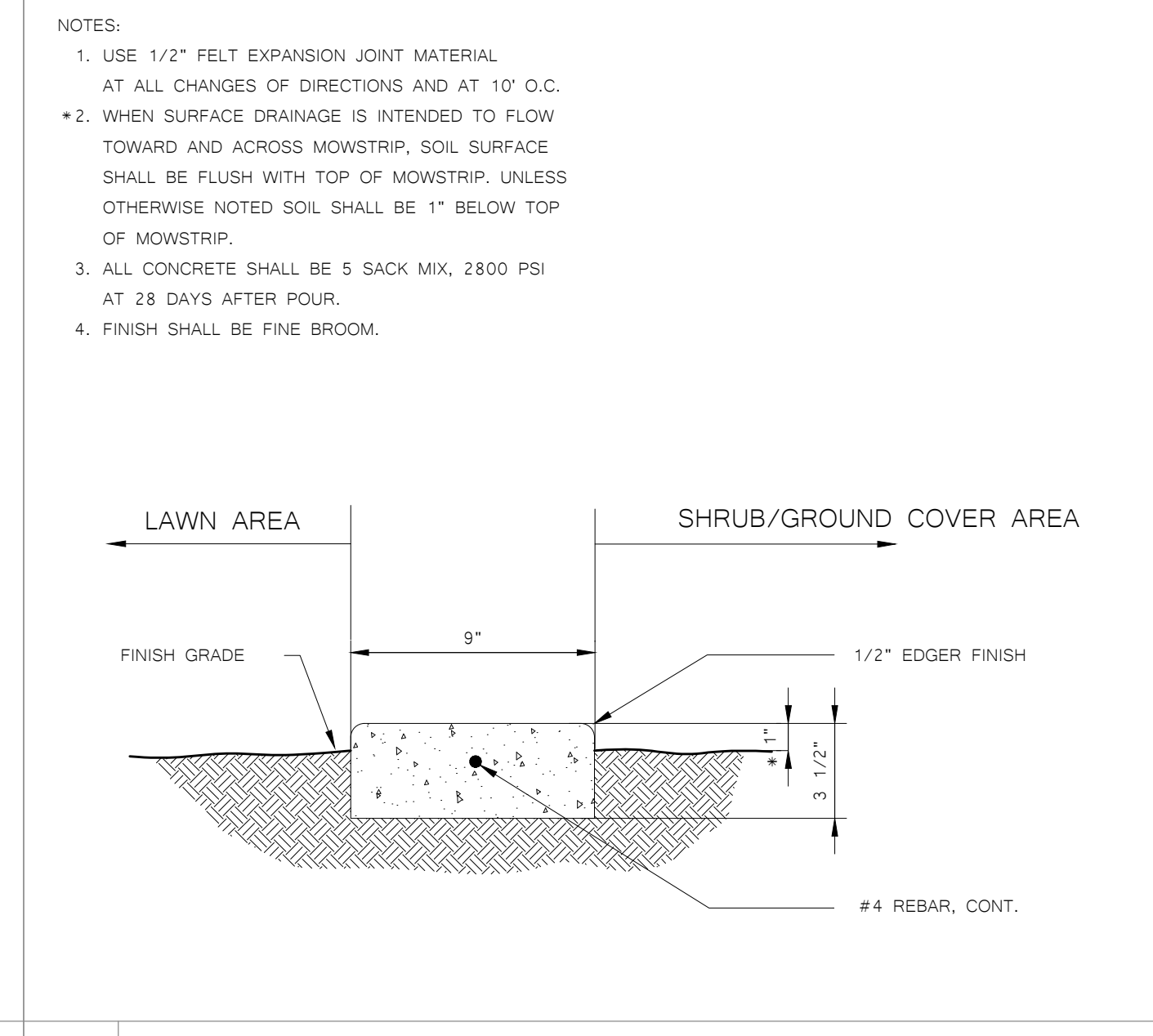
8 LANDSCAPE GRADE ADJACENT TO HARDSCAPE DETAIL



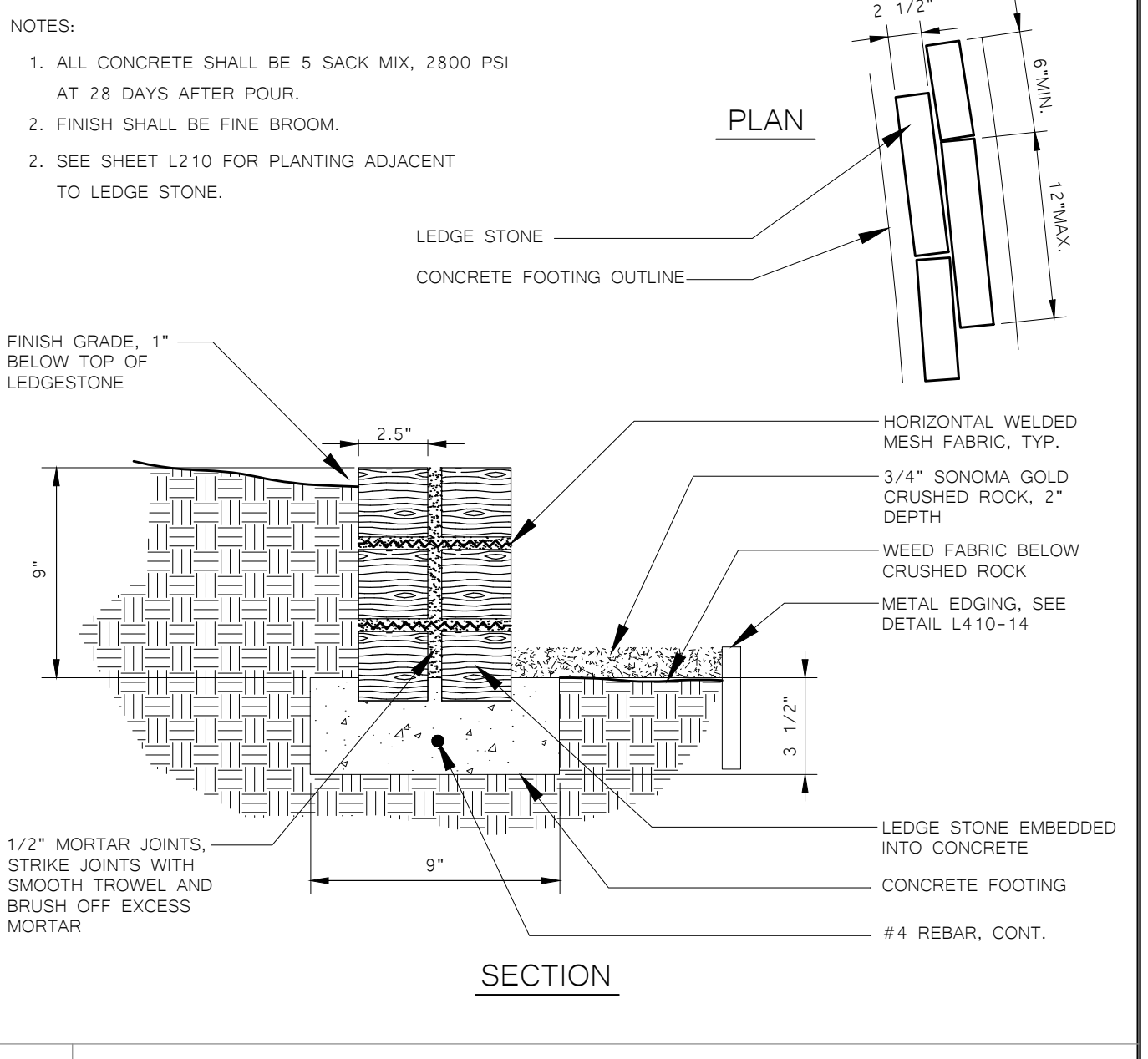
9 DECOMPOSED GRANITE/BINDER DETAIL



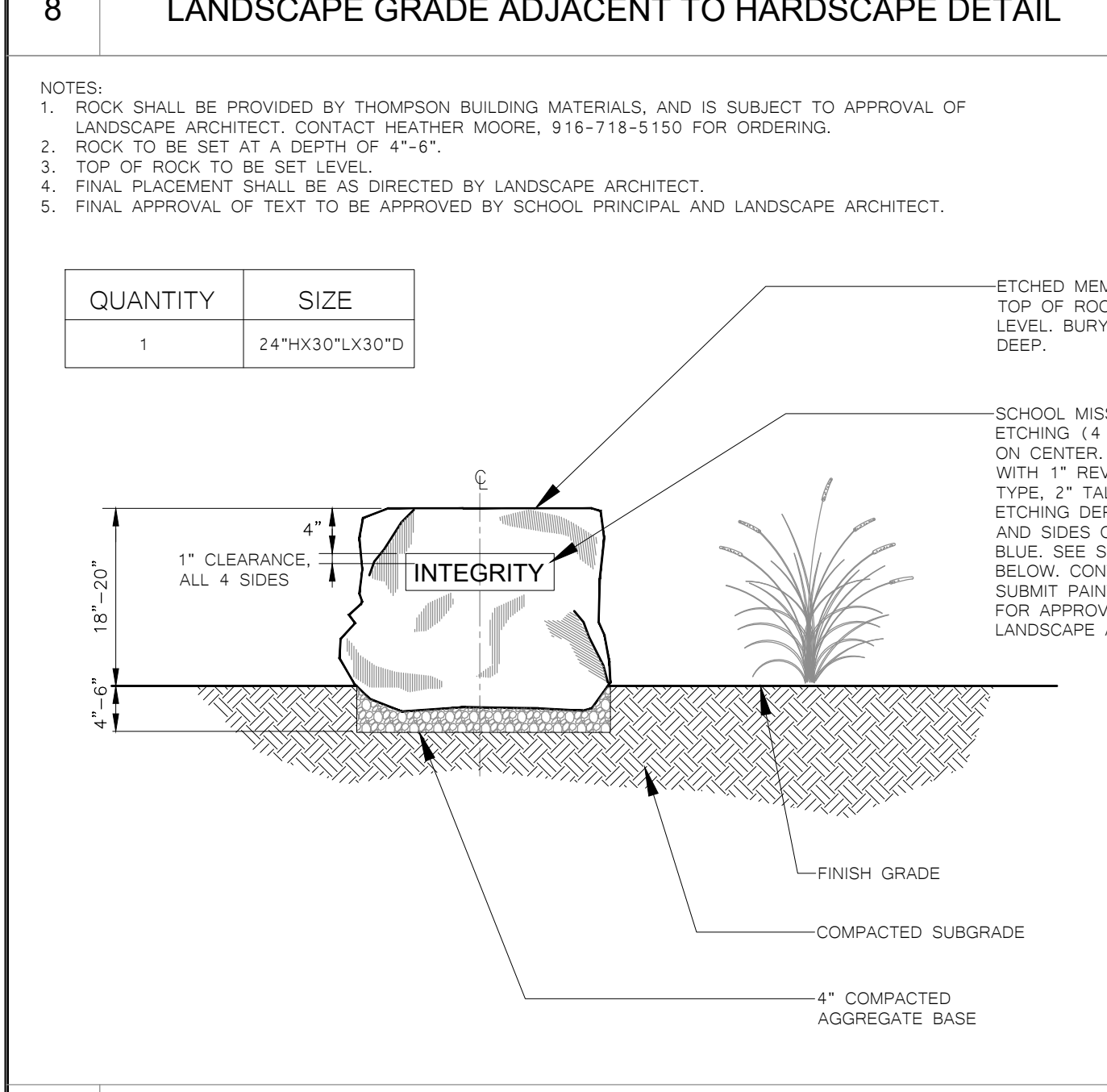
10 TREE DRILLING DETAIL



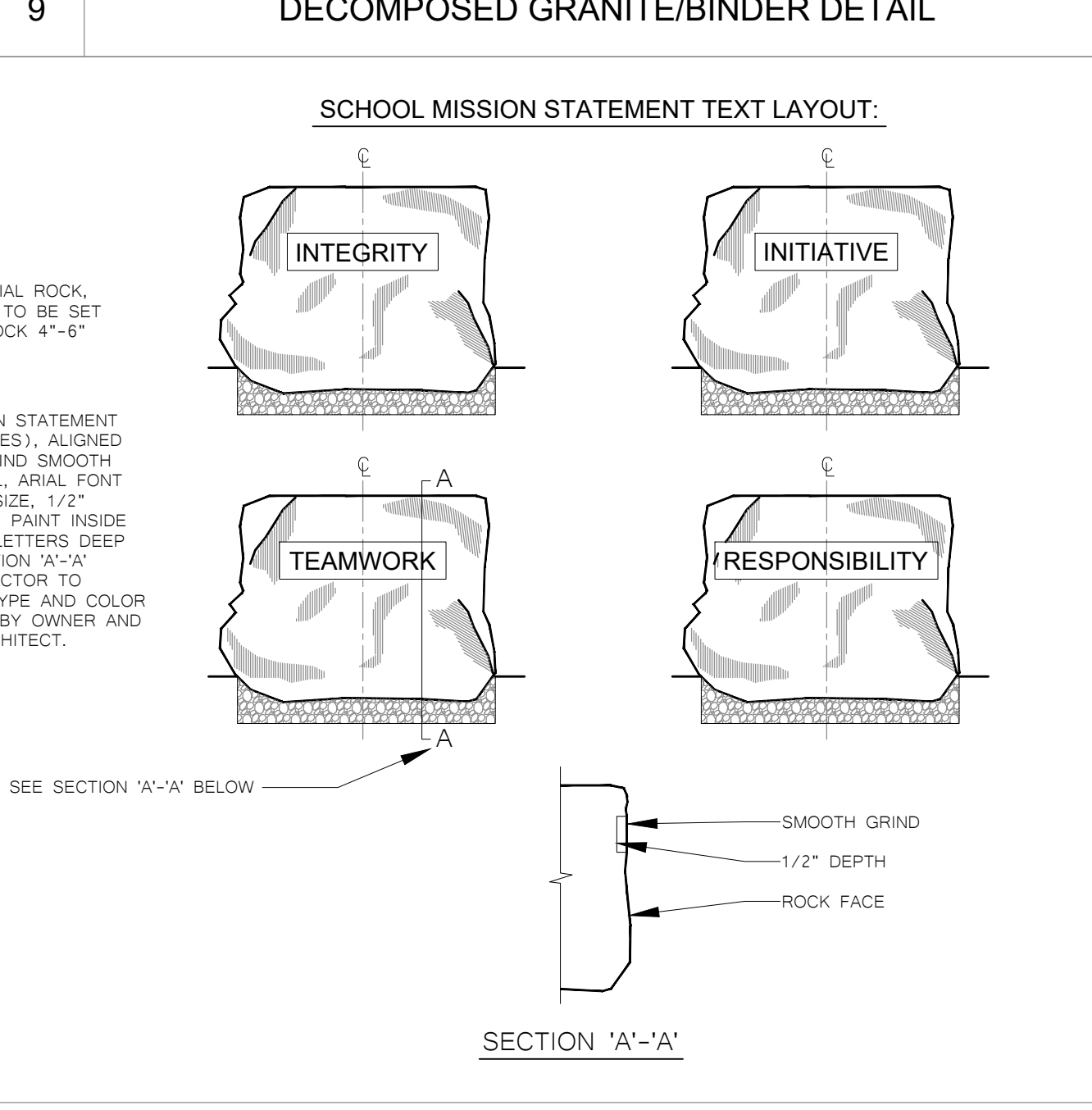
11 9" CONCRETE MOWSTRIP DETAIL



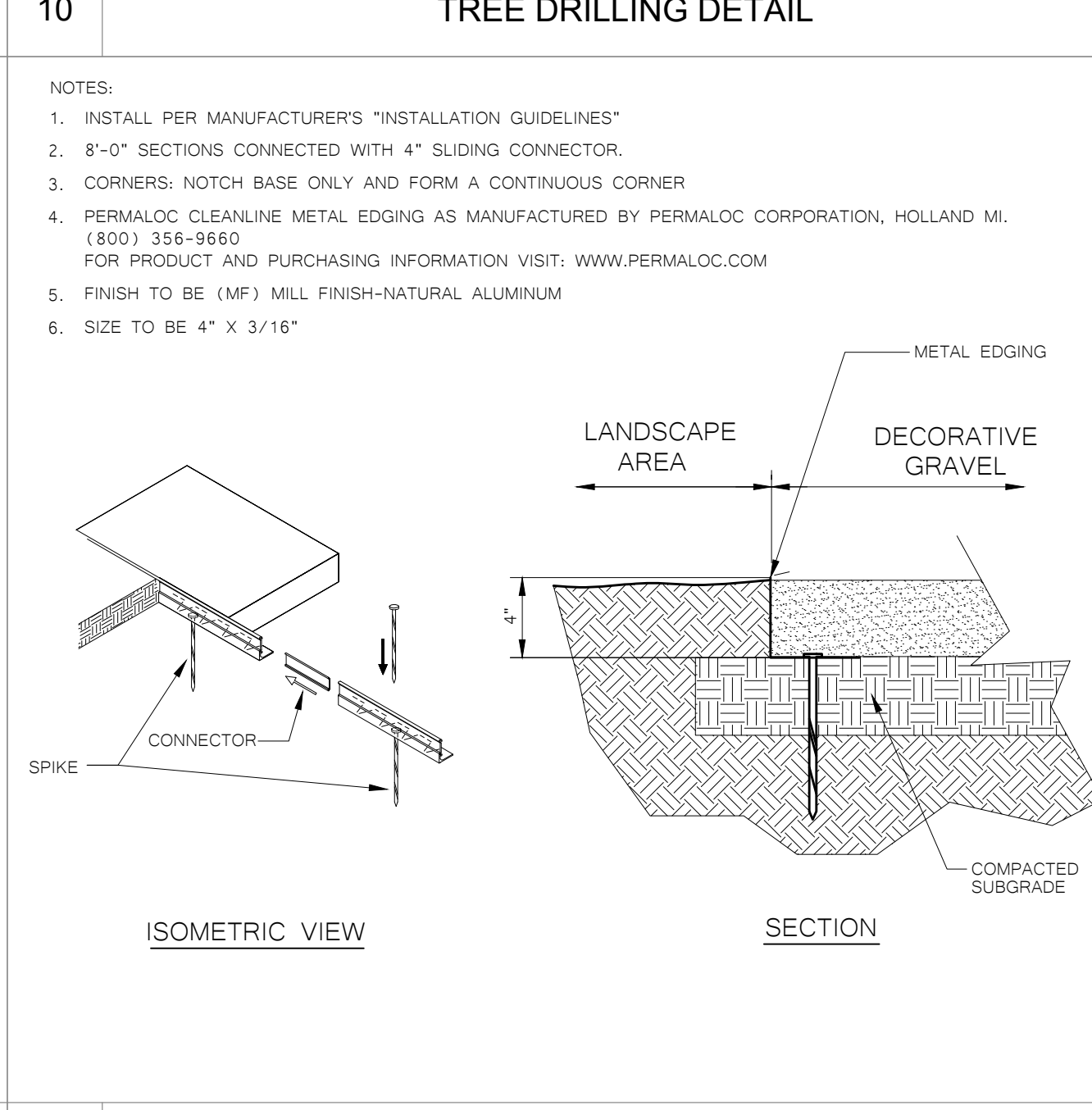
12 LEDGE STONE FOOTING DETAIL



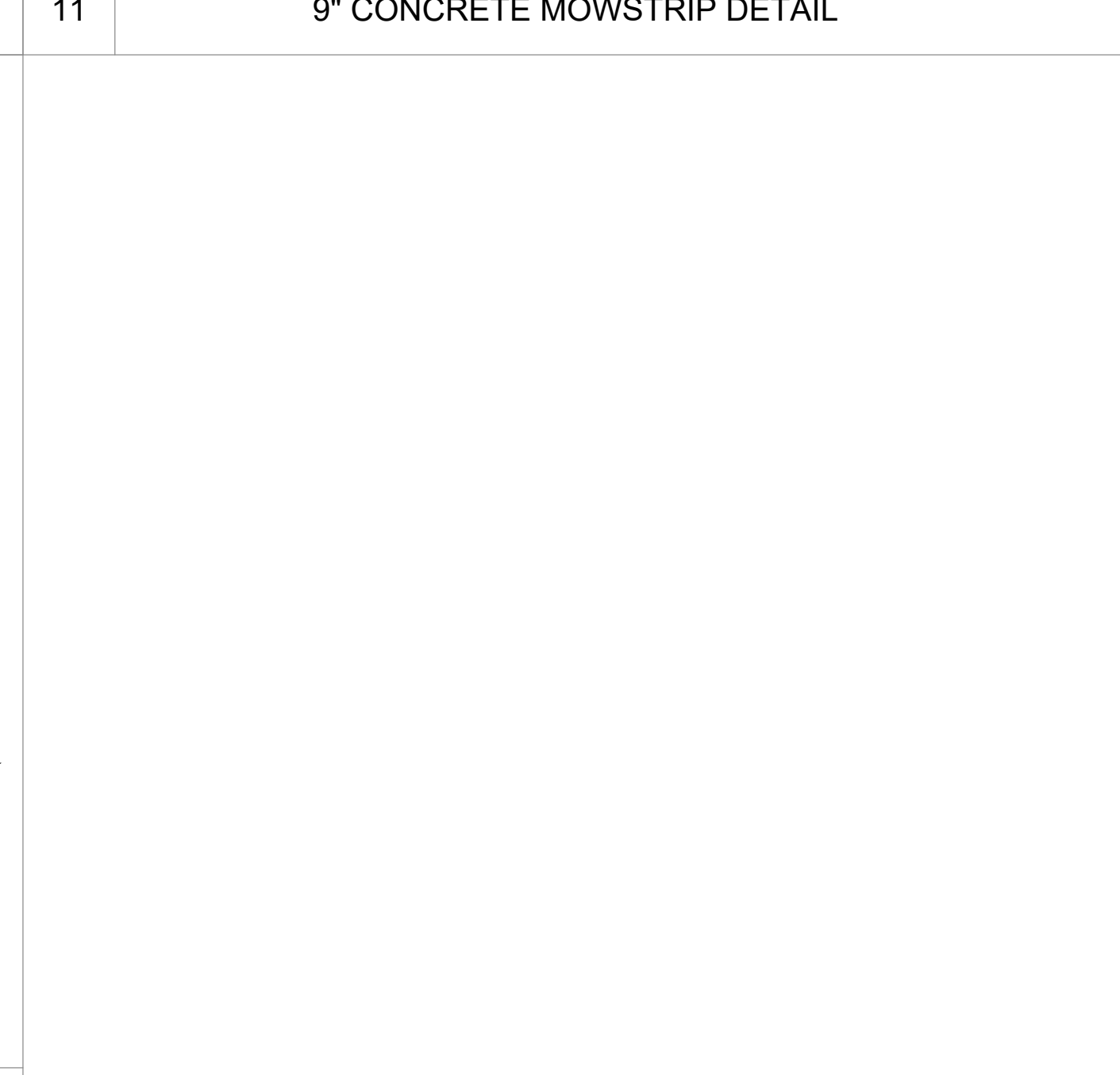
13 ETCHED MEMORIAL BOULDER DETAIL



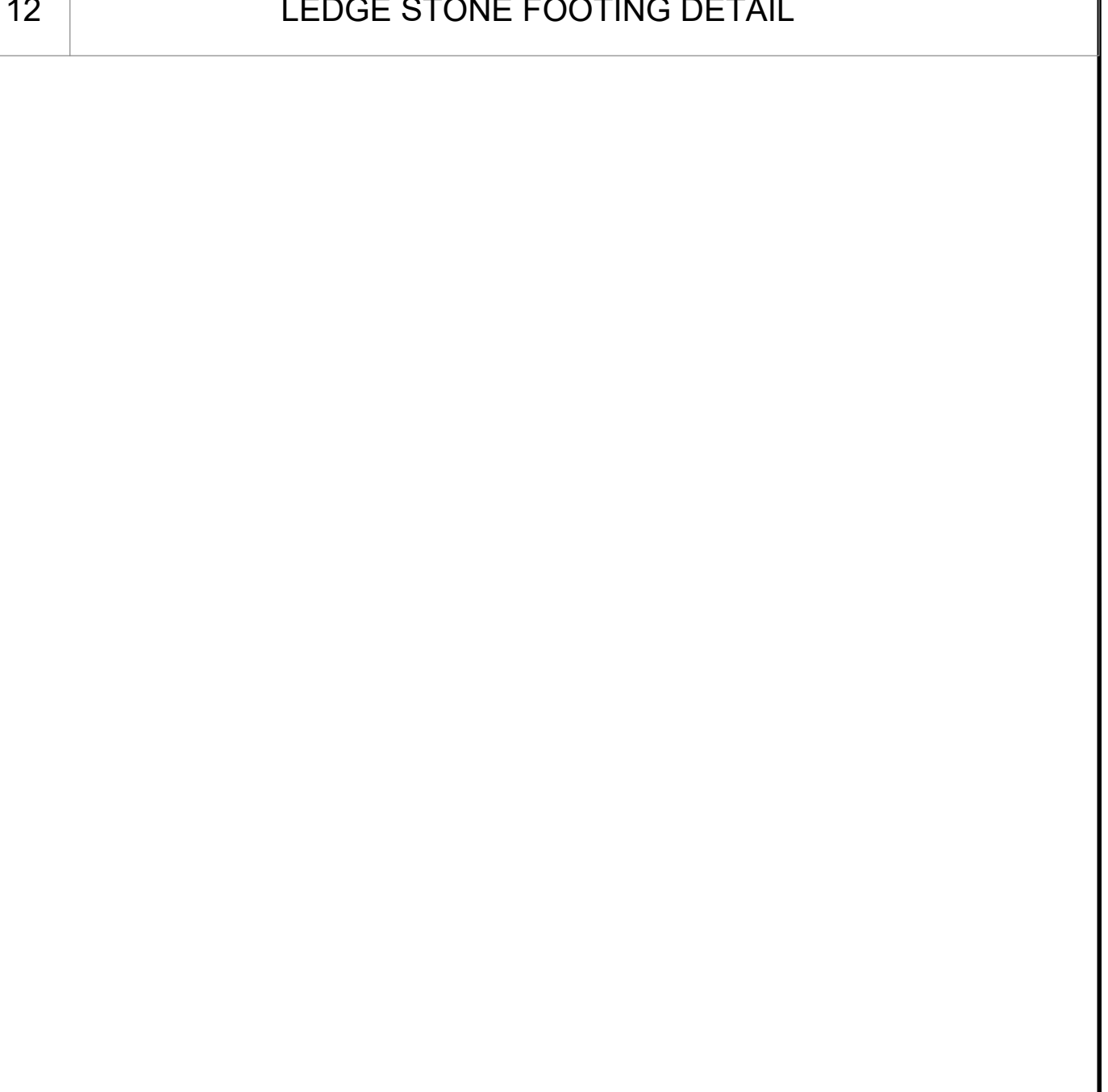
14 METAL EDGING DETAIL



15 METAL EDGING DETAIL



16 METAL EDGING DETAIL



17 METAL EDGING DETAIL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-120824 INC.
 REVIEWED FOR
 DATE: 08/30/2023

AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT

9325 MIRANDY DR
 SACRAMENTO, CA 95826

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

Bryan Hollis Walker
 CONSULTANT
 C-5453

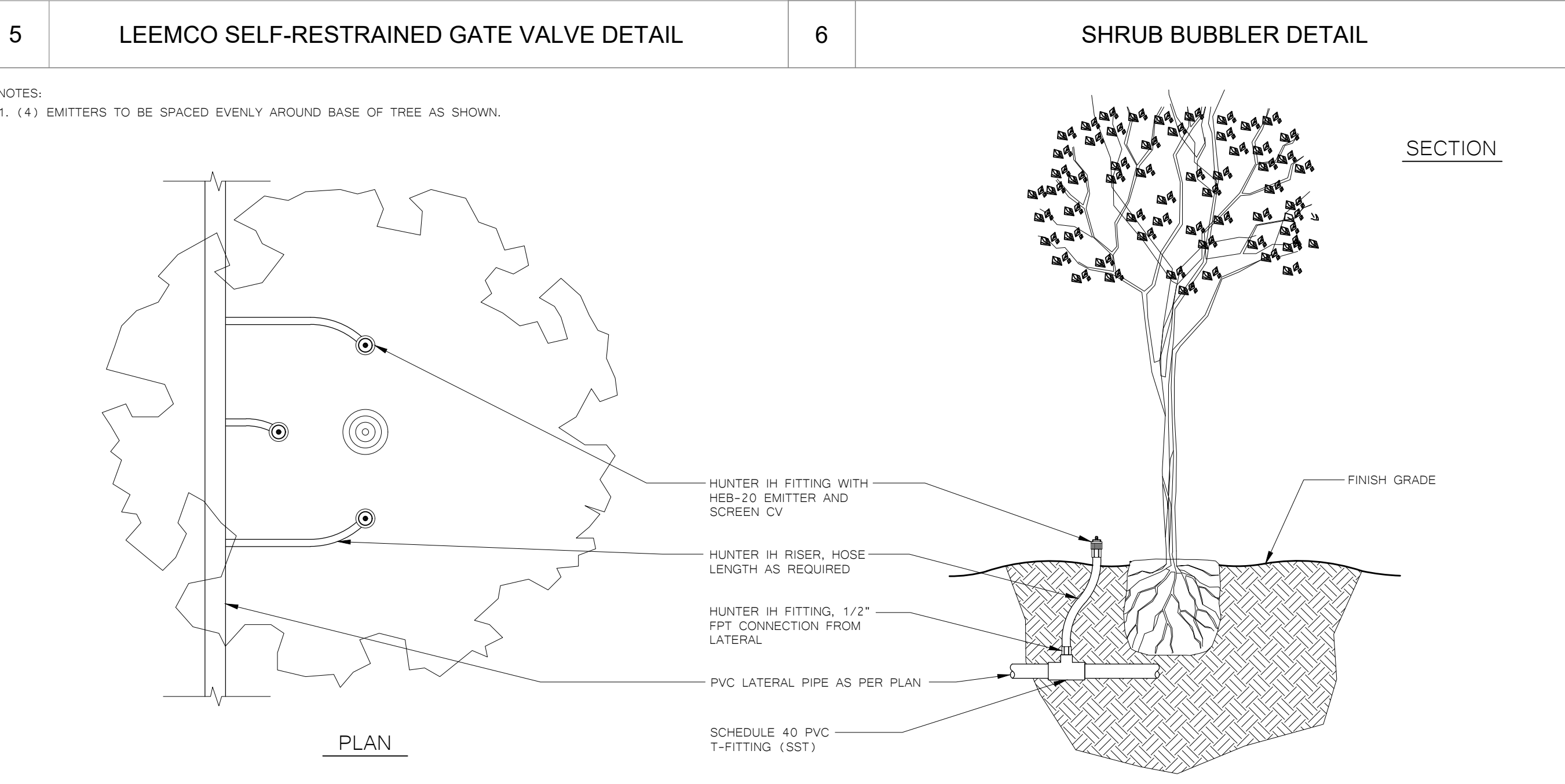
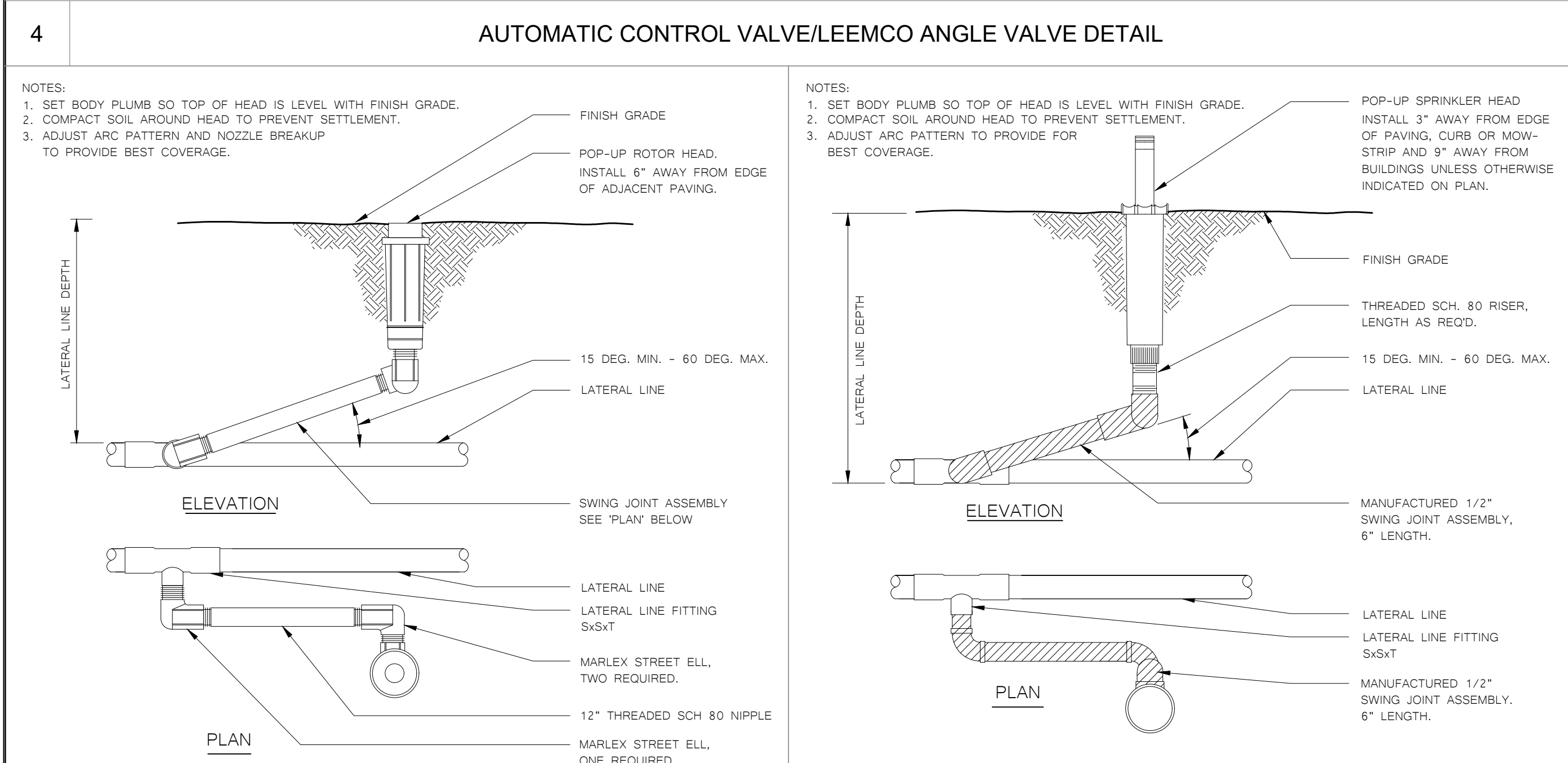
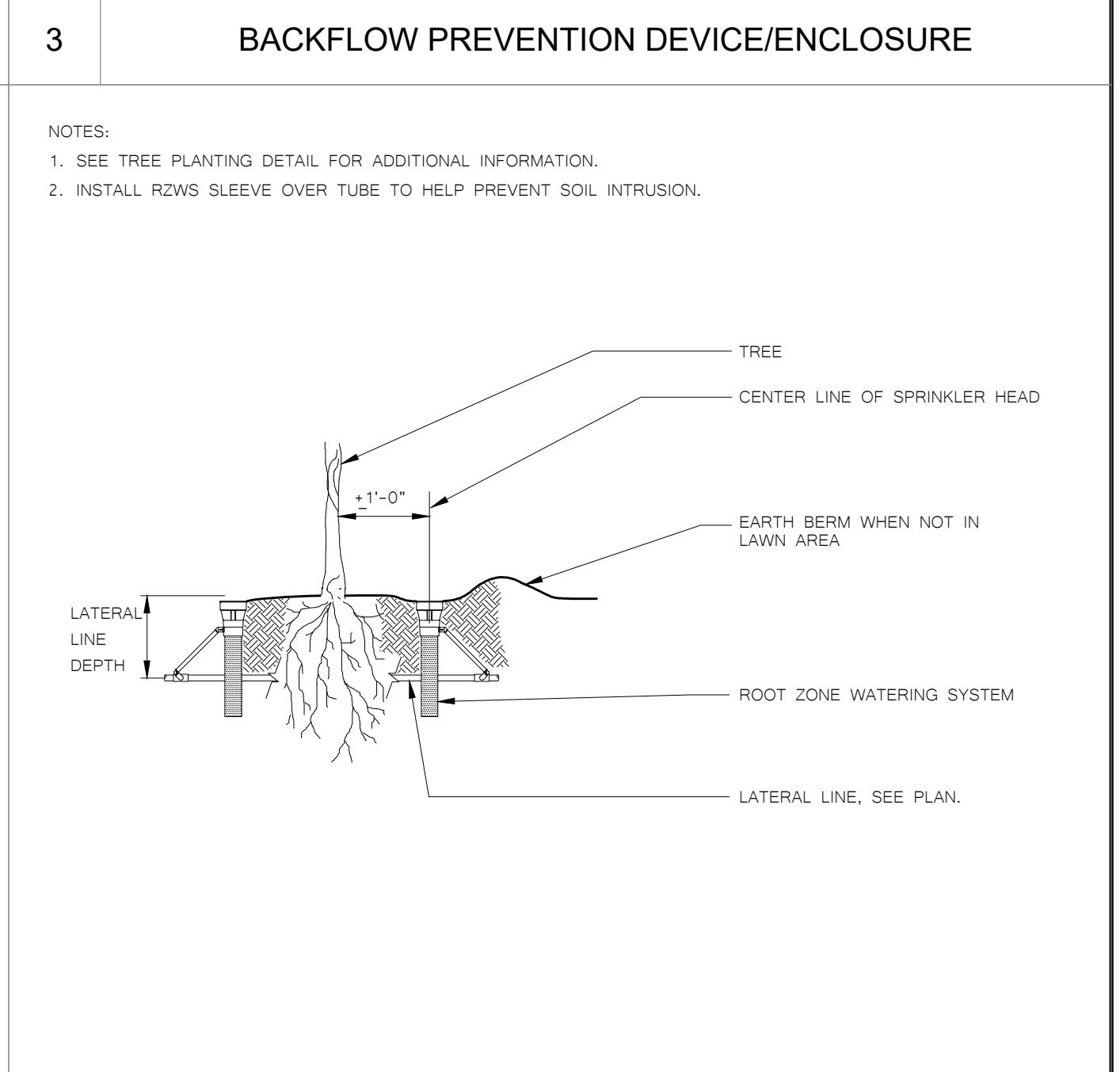
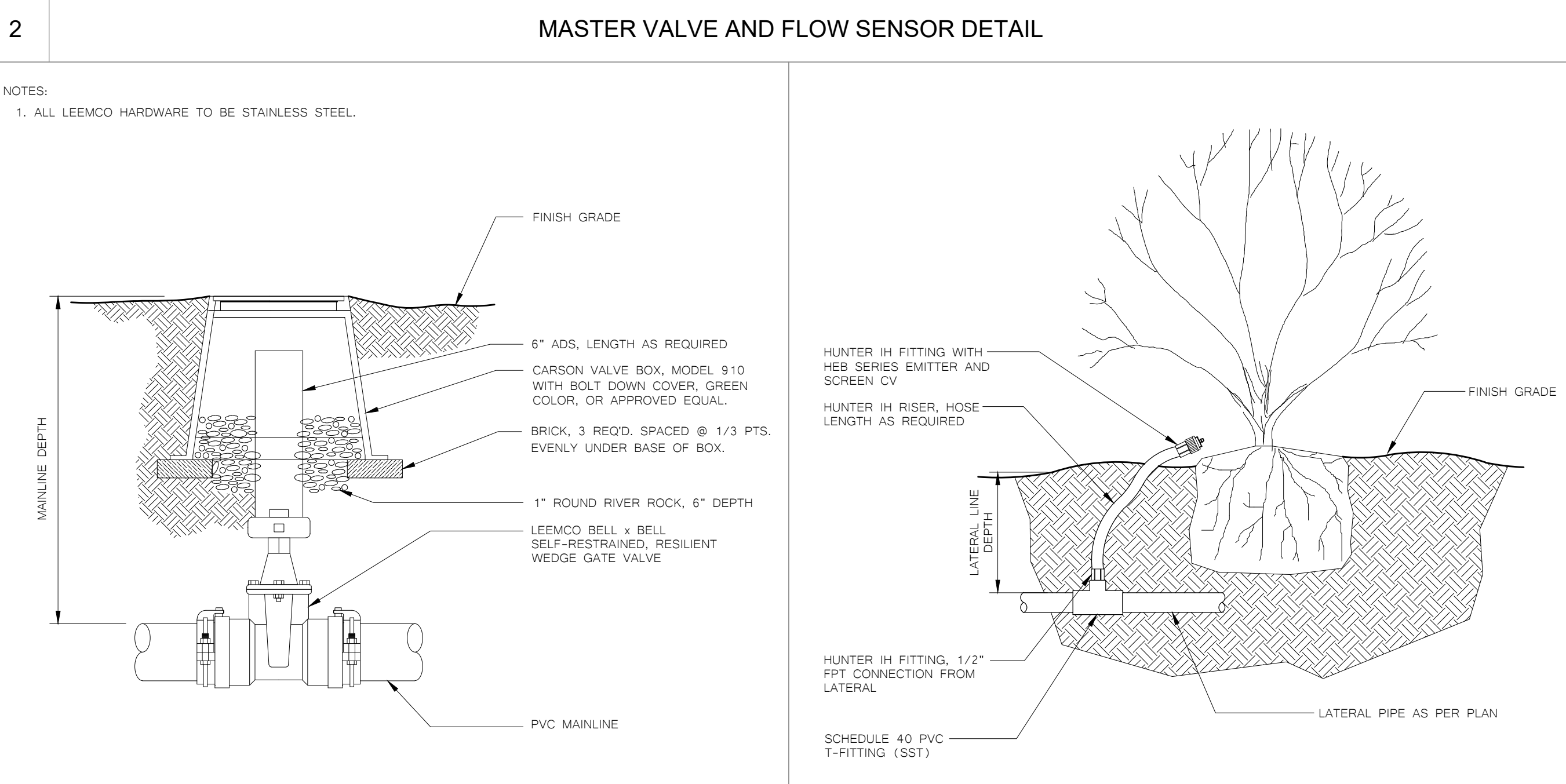
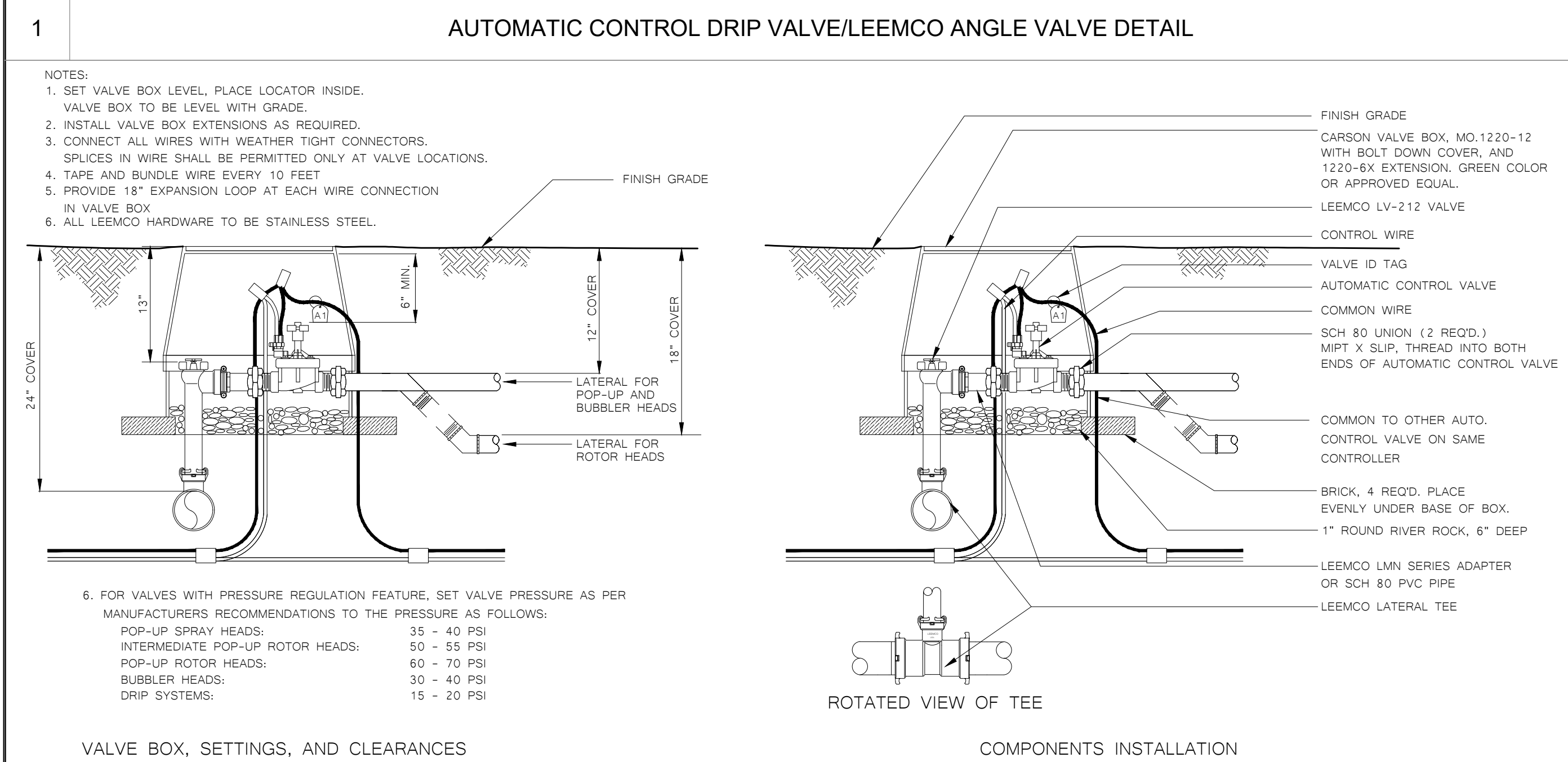
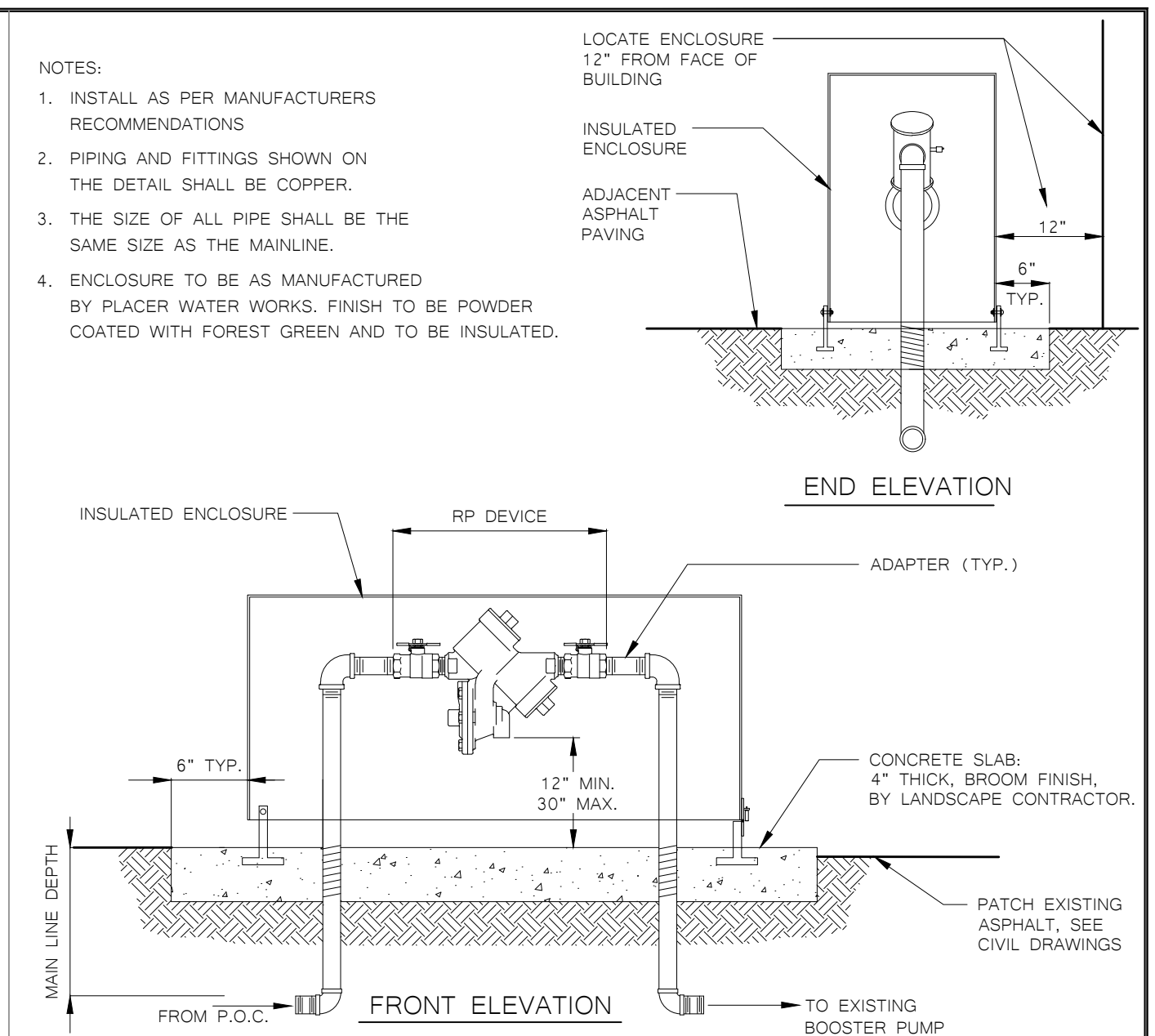
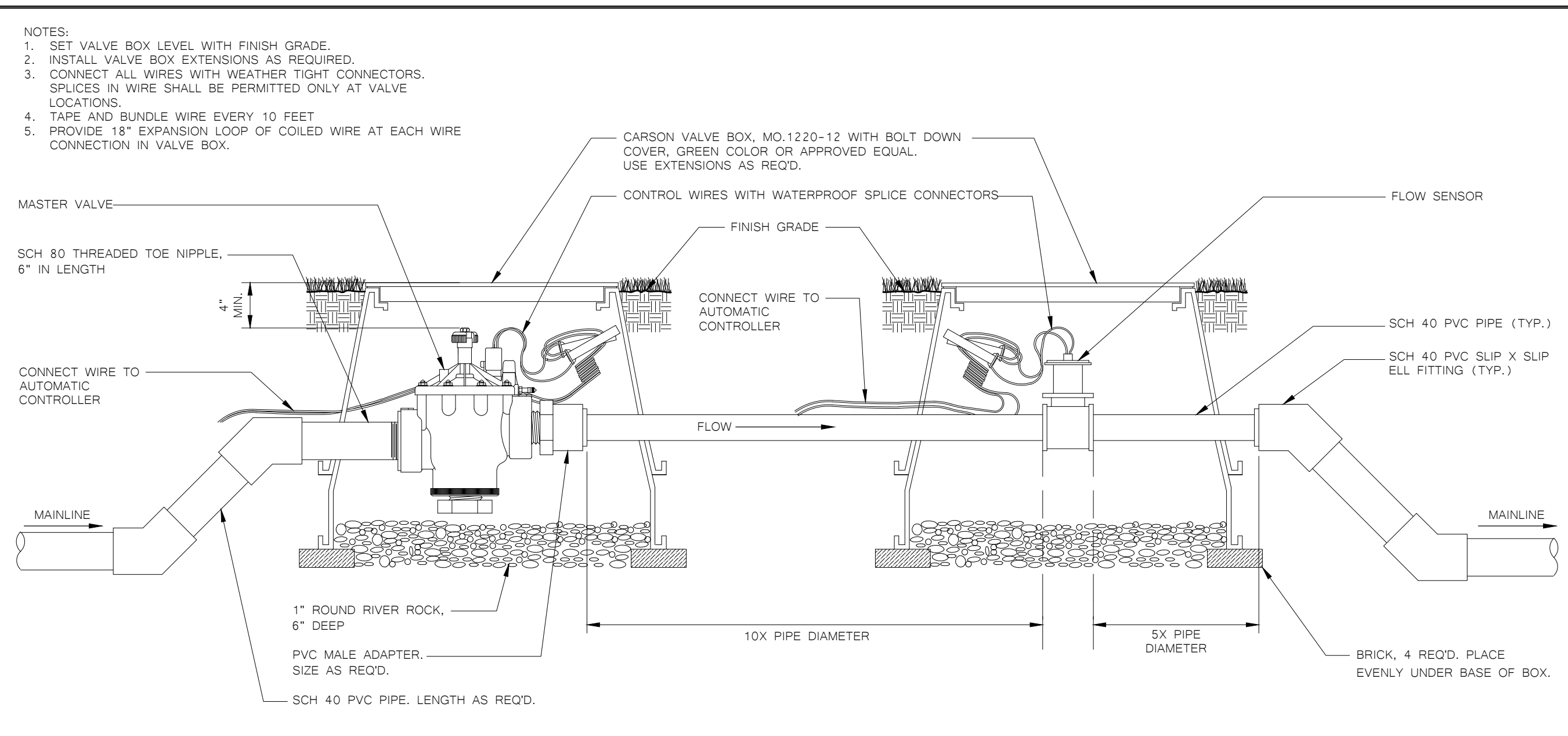
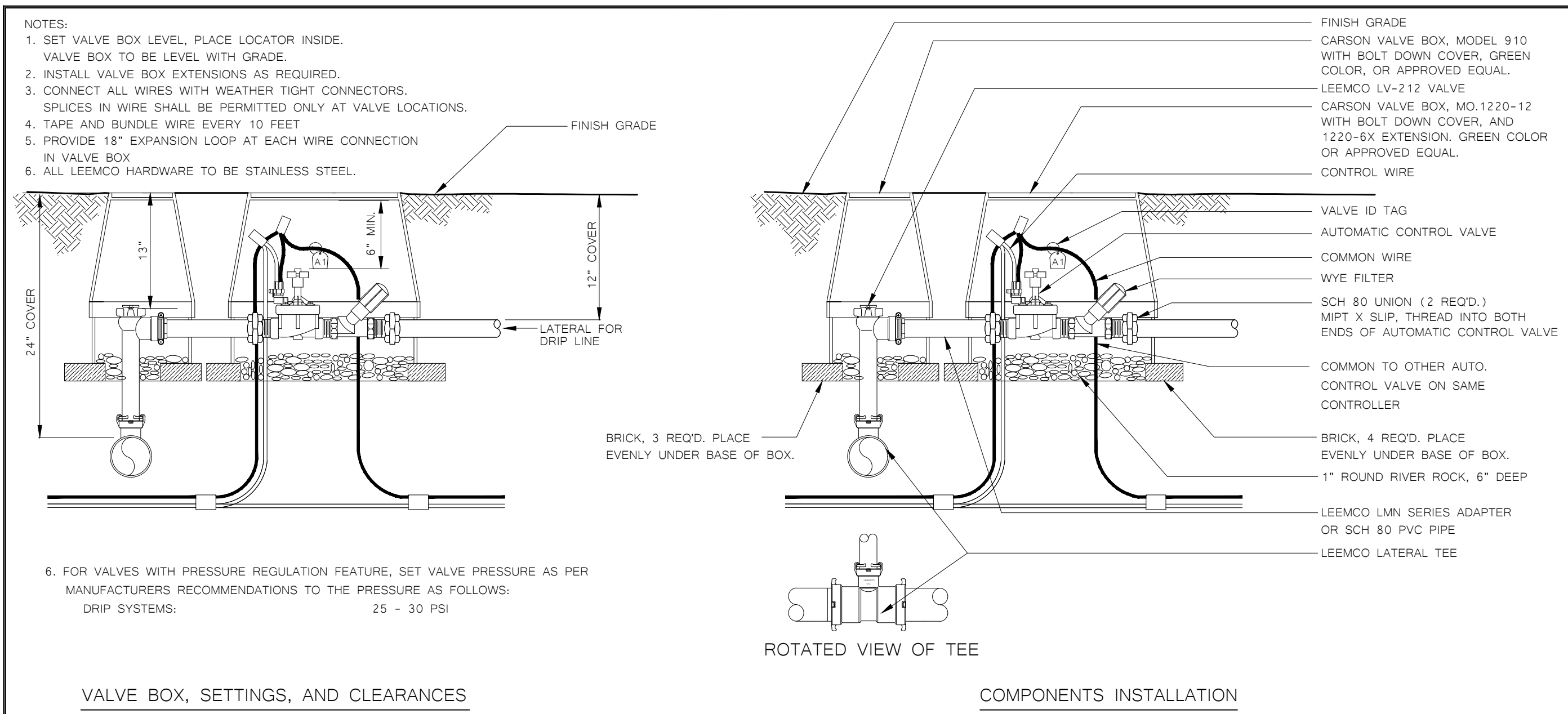
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REVISIONS

NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023
3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023
 JOB NO.: Y2243.00
 SHEET TITLE
 LANDSCAPE PLANTING DETAILS
 SHEET NO.
 L410

ONE AND ONE-HALF INCH = ONE FOOT
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DISTANCE CHART

REFER TO THE FOLLOWING TABLE THAT LISTS THE LENGTH (IN FEET) FOR EACH SIZE/TYPE FITTING WITHIN WHICH ALL JOINTS MUST BE RESTRAINED. ALL FITTINGS AND JOINT RESTRAINTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS & SPECIFICATIONS.

AS AN EXAMPLE, IF YOU ARE INSTALLING A 3" MAINLINE WITH A DIRECTIONAL CHANGE OF 90°, REFER TO CHART UNDER PIPE SIZE TO 3" AND UNDER BENDS 90 YOU WILL SEE THE DISTANCE OF 11". IF THERE IS ANY JOINT (VALVE, BELL, ETC.) YOU MUST INSTALL A JOINT RESTRAINT WITHIN 11" OF THE 90° MAINLINE DIRECTIONAL CHANGE.

PIPE SIZE	BENDS			REDUCERS			DEAD END	
	11"	22"	45"	90°	1 STEP	2 STEP	3 STEP	BLIND SERV. B.
2"	1'	1'	2'	6'	-	-	-	19'
2.5"	1'	2'	4'	9'	4'	-	-	23'
3"	2'	3'	6'	11'	8'	10'	-	30'
4"	2'	4'	9'	10'	14'	20'	31'	38'
6"	3'	6'	13'	23'	30'	40'	53'	60'
8"	4'	9'	15'	38'	39'	59'	79'	79'
10"	5'	9'	19'	45'	38'	66'	83'	90'
12"	5'	10'	21'	53'	38'	80'	83'	110'

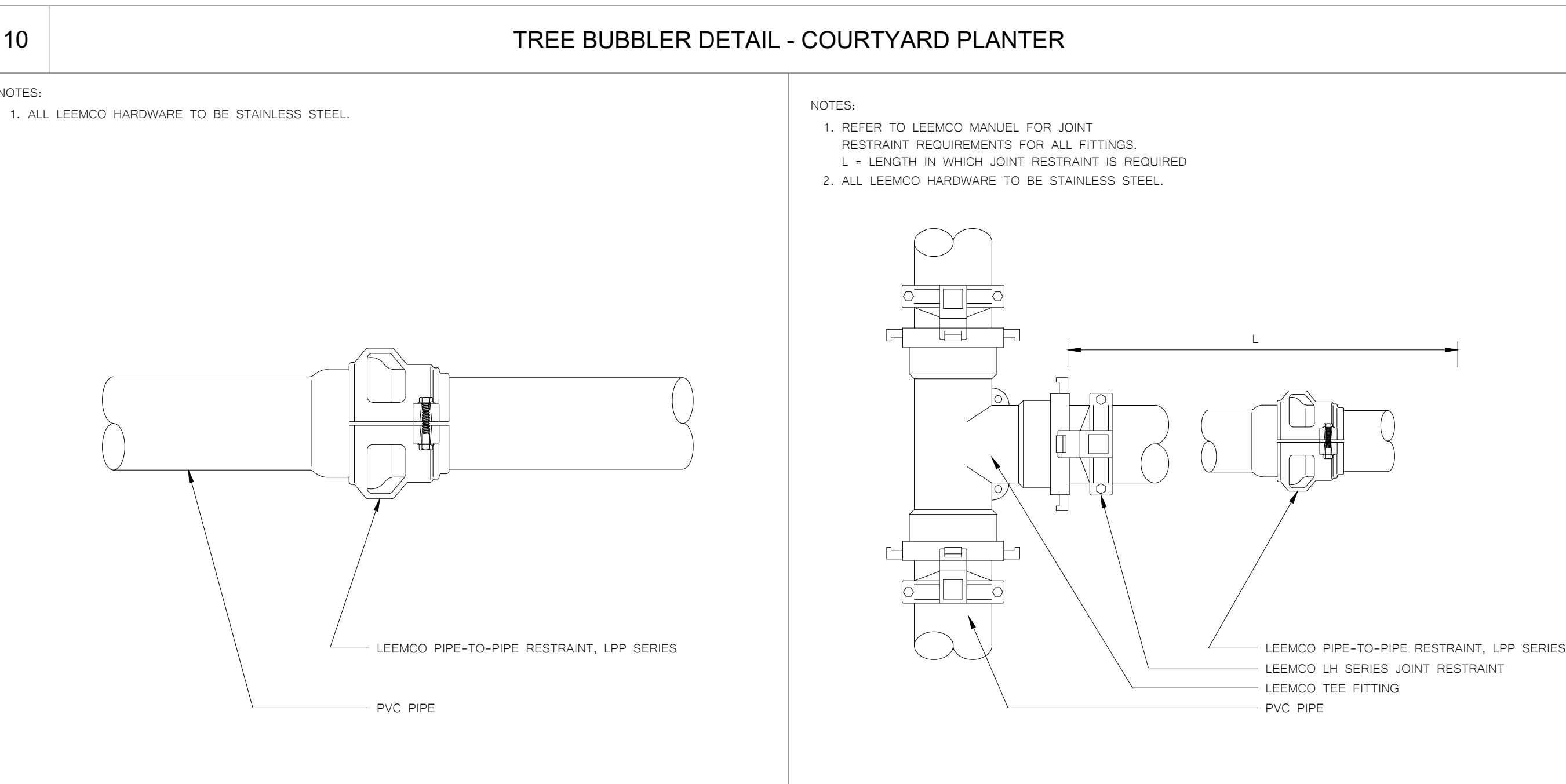
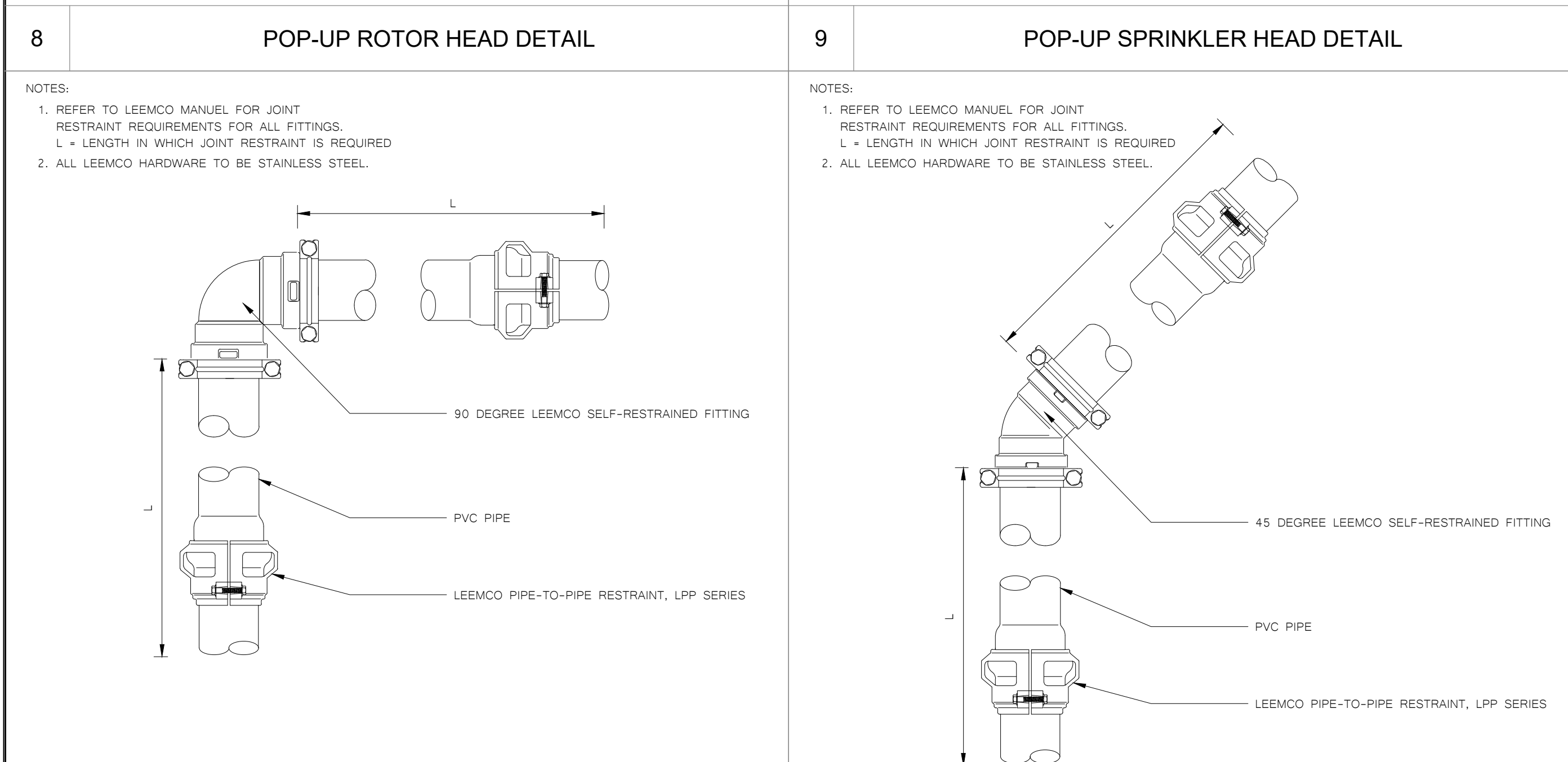
INSTALLATION CHART

REFER TO THE FOLLOWING TABLE WHICH LISTS THE NUMBER OF BOLTS, SIZE, AND TORQUE FOR EACH BOLT IN REFERENCE TO THE SIZE OF PIPE WHICH IS BENDS RESTRAINED.

AS AN EXAMPLE, IF YOU HAVE A 3" PIPE, YOU WILL NEED 2 BOLTS THAT ARE 3/8" X 2.5" AND TIGHTEN THEM WITH A TORQUE WRENCH TO 20 FT-LBS.

PIPE SIZE	NO. BOLTS	BOLT SIZE	TORQUE FT-LBS.
2"	2	3/8" x 2.5"	20
2.5"	2	3/8" x 2.5"	20
3"	2	3/8" x 2.5"	20
4"	2	1/2" x 3"	50
6"	2	1/2" x 3.5"	50
8"	4	1/2" x 4"	50
10"	4	5/8" x 5.5"	100
12"	4	5/8" x 5.5"	100

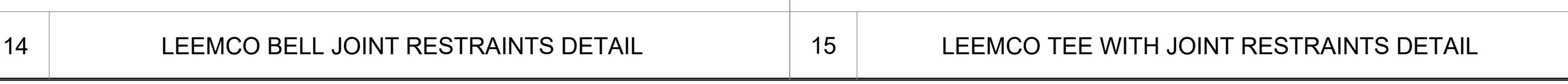
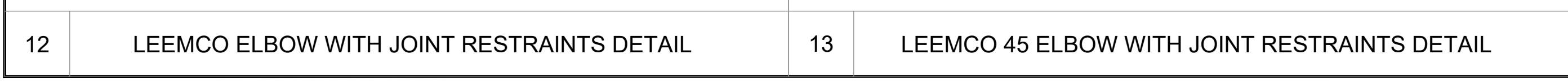
CONTACT NUNZIO DICHRISTOPHER @ (916) 202-1333, THE LEEMCO REPRESENTATIVE. FOR ALL QUESTIONS CONCERNING LEEMCO PRODUCTS, COORDINATE AN INSTALLATION CLINIC WITH NUNZIO PRIOR TO INSTALLING THE MAINLINE.



LEEMCO JOINT RESTRAINTS CHART

NOTES:
 1. REFER TO LEEMCO MANUEL FOR JOINT RESTRAINT REQUIREMENTS FOR ALL FITTINGS.
 L = LENGTH IN WHICH JOINT RESTRAINT IS REQUIRED
 2. ALL LEEMCO HARDWARE TO BE STAINLESS STEEL.

COMPONENTS INSTALLATION:
 LEEMCO PIPE-TO-PIPE RESTRAINT, LPP SERIES
 LEEMCO LH SERIES JOINT RESTRAINT
 LEEMCO REDUCER FITTING
 PVC PIPE



AGENCY APPROVAL

**ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT**

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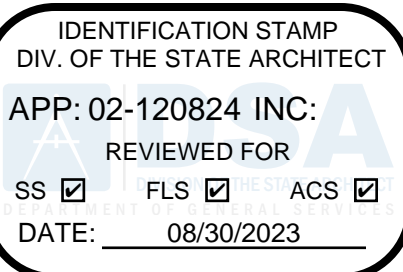
DESIGNED ARCHITECT
 NUNZIO DICHRISTOPHER
 No. C-26367
 RENEWAL DATE 1/31/25
 STATE OF CALIFORNIA

CONSTRUCTION DOCUMENTS

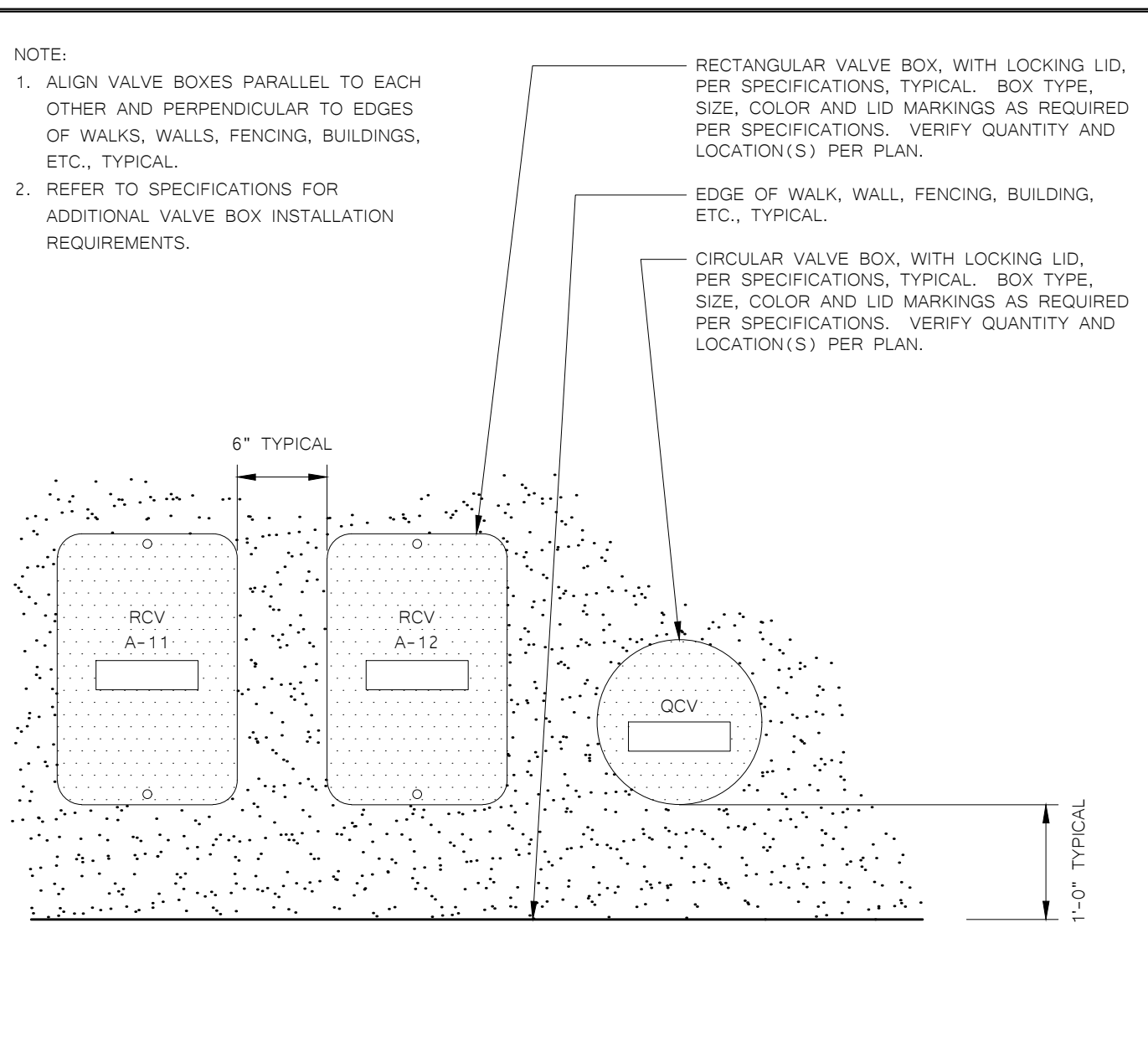
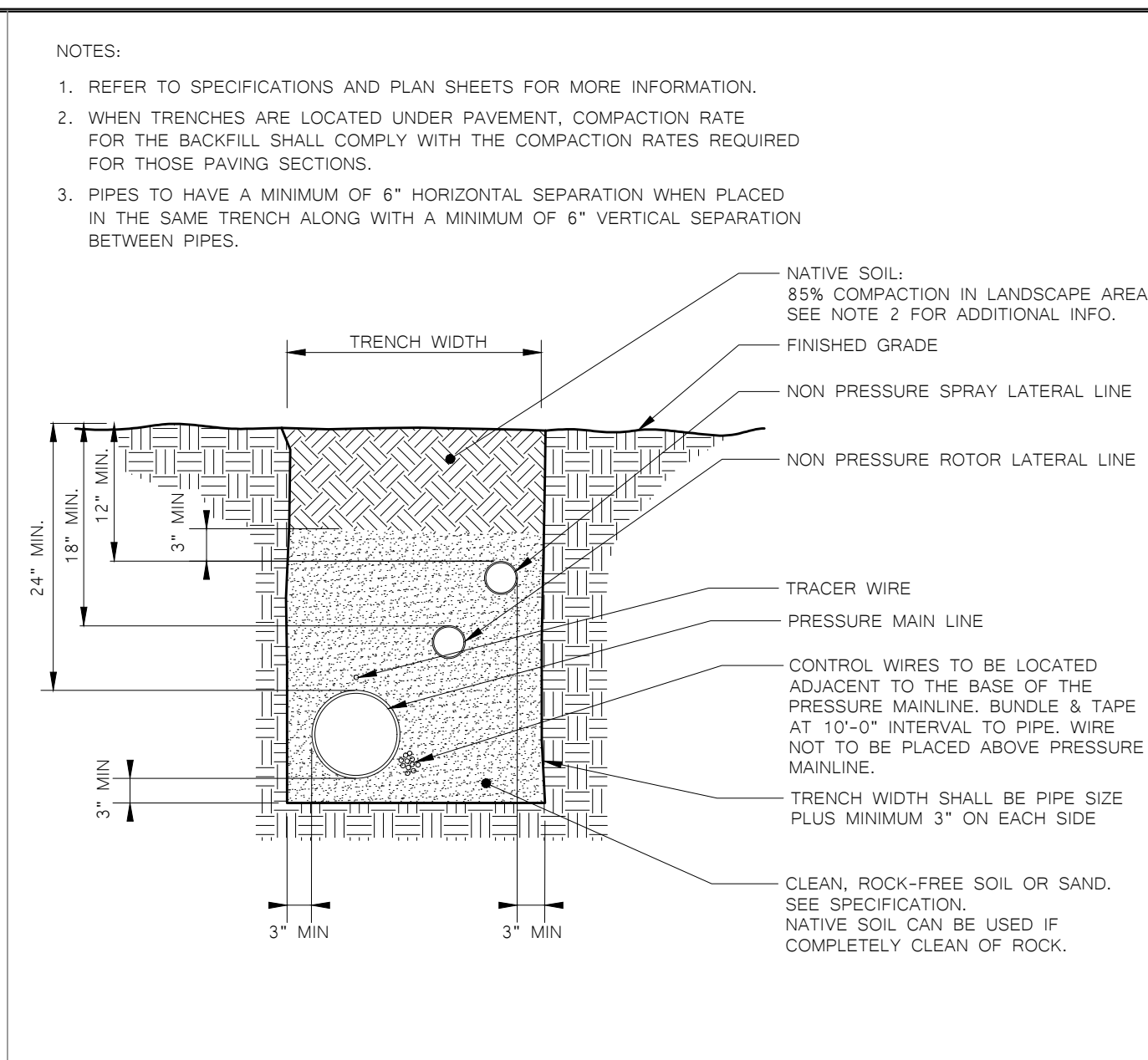
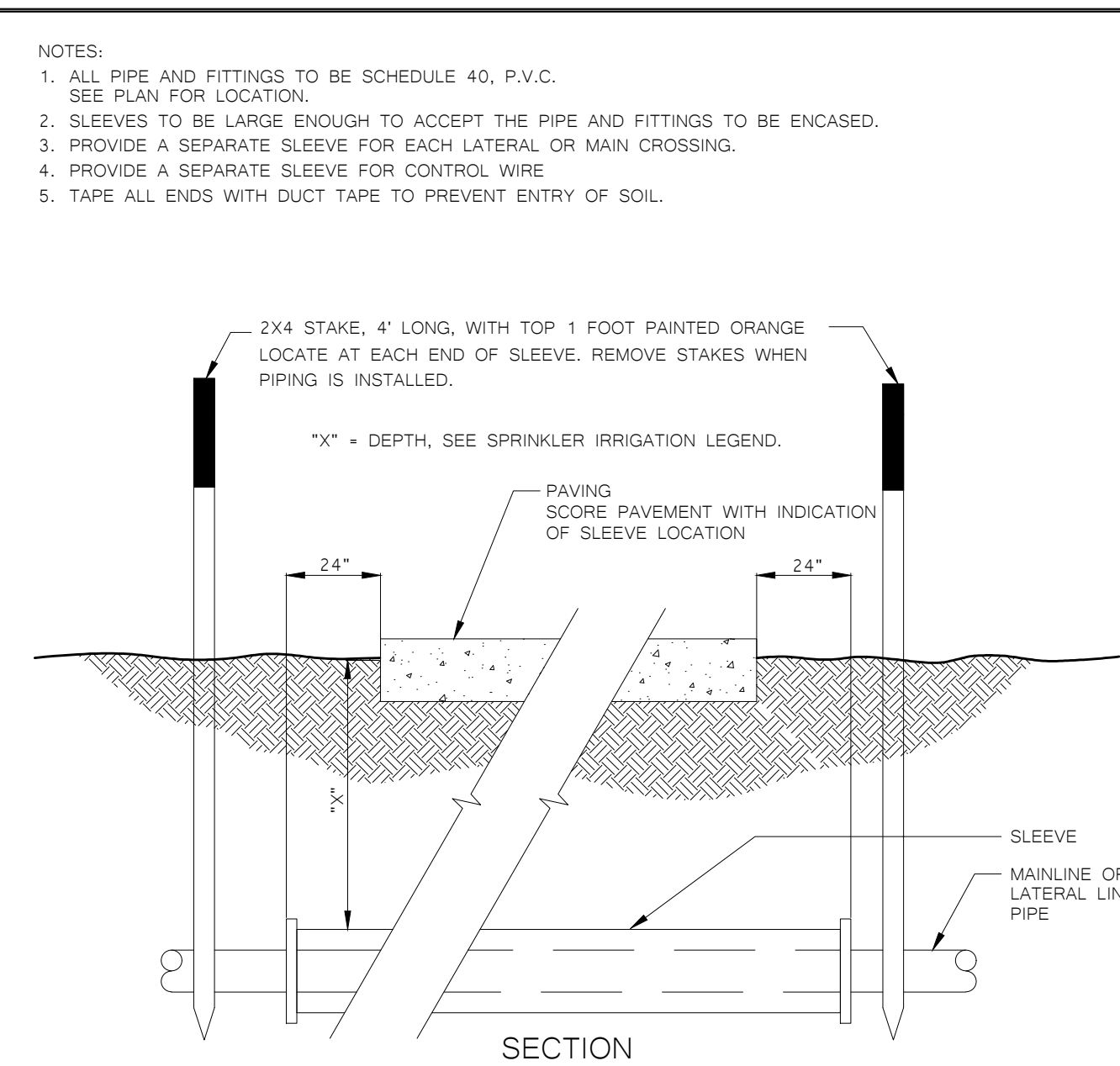
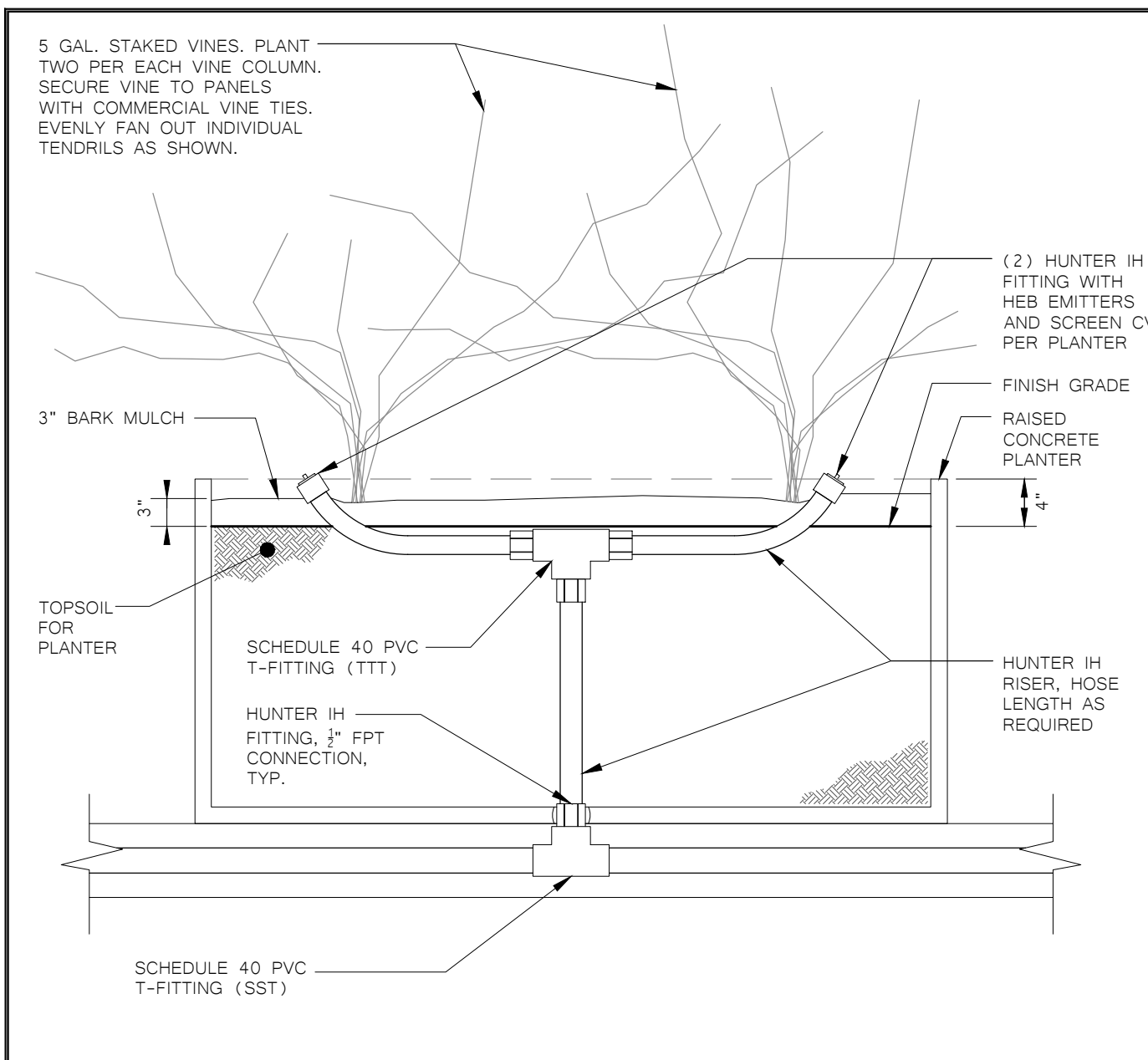
REVISIONS

NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023
3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023
 JOB NO.: Y2243.00
 SHEET TITLE
LANDSCAPE IRRIGATION DETAILS
 SHEET NO.
L420



BID PACKAGE A



1 VINE COLUMN PLANTING AND IRRIGATION DETAIL 2 SLEEVE DETAIL 3 PIPE TRENCH DETAIL 4 TYPICAL VALVE BOX LAYOUT

IRRIGATION SCHEDULE TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION TYPE	FLOW (GPM)	PRECIP. RATE (PR) INCH/HR	IRRIGATION EFFICIENCY (IE)	SOIL TYPE	ROOT DEPTH	SLOPE	EXPOSURE	MAINTENANCE PERIOD (X/Y Z GAL)																										
											JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER															
1	TREE - MED	0.5	BUBBLER	21.5	0.50	0.81	SANDY LOAM	12-24"	0-5%	FULL SUN	0 / 1	0 GAL	0 / 1	0 GAL	0 / 1	0 GAL	32 / 2	6,159 GAL	35 / 3	9,855 GAL	28 / 5	13,199 GAL	31 / 5	14,782 GAL	22 / 6	12,671 GAL	32 / 3	9,151 GAL	50 / 1	4,752 GAL	0 / 1	0 GAL	0 / 1	0 GAL			
MONTHLY RAINFALL (CITY)											4.2	3.8	3.1	1.2	0.6	0.2	0.1	0.1	0.4	1	2.6	2.8															
MONTHLY ET (CITY)											1.1	JAN	1.7	FEB	3.1	MAR	4.7	APR	6.2	MAY	7.7	JUN	8.5	JUL	7.3	AUG	5.6	SEP	3.7	OCT	1.7	NOV	1.0	DEC			
MONTHLY TOTALS (GAL)											0 GAL	0 GAL	0 GAL	49,113 GAL	78,581 GAL	105,242 GAL	117,871 GAL	101,033 GAL	72,968 GAL	37,887 GAL	0 GAL	0 GAL															

IRRIGATION HYDROZONE INFORMATION TABLE

STATION #/HYDROZONE	PLANT WATER USE TYPE	PLANT FACTOR (PF)	HYDROZONE AREA (HA) (SQ.FT.)	PF x HA (SQ.FT.)	IRRIGATION EFFICIENCY (IE)	ETWU (GALLONS)
1	TREE - MED	0.5	500	250	0.81	9,931
2	SHURB - LOW	0.2	7,172	1434	0.81	56,983
3	NATIVE SOD - MED	0.6	2,392	1435	0.75	61,676
4	NATIVE SOD - MED	0.6	2,393	1436	0.75	61,602
5	SHURB - LOW	0.2	6,112	1222	0.81	48,561
6	TREE - MED	0.5	280	140	0.81	5,562
7	TREE - MED	0.5	220	110	0.81	4,370
8	SHURB - LOW	0.2	4,115	823	0.81	32,694
9	LAWN - HIGH	0.8	185	148	0.75	6,350
10	LAWN - HIGH	0.8	185	148	0.75	6,350
11	TREE - MED	0.5	240	120	0.81	4,767
12	SHURB - LOW	0.2	443	89	0.81	3,520
13	SHURB - LOW	0.2	523	105	0.81	4,155
14	VINE - MED	0.5	56	28	0.81	1,112
15	TREE/SHURB/VINE - MED	0.5	686	343	0.81	13,628
TOTAL AREA			25,502		ETWU TOTAL	321,159
TOTAL AREA (SLA)			0			
Eto (Sacramento) 51.9						
ESTIMATED TOTAL WATER USAGE (ETWU) = (ETO)(0.62)(PF)(HA)(IE+SLA) = GAL/YEAR						
MAXIMUM APPLIED WATER ALLOWANCE (MAWA) = (ETO)(0.62)(0.45 x LAH)(0.55 x SLA) = GAL/YEAR						
					MAWA TOTAL	369,272

LANDSCAPE HYDROZONE INFORMATION TABLE

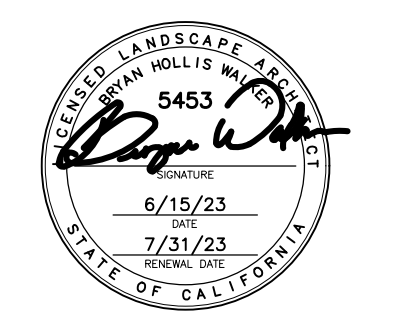
STATION #/HYDROZONE	PLANT WATER USE TYPE	IRRIGATION TYPE	HYDROZONE AREA (HA) (SQ.FT.)	% OF TOTAL LANDSCAPE AREA
1	TREE - MED	BUBBLER	500	2.0%
2	SHURB - LOW	POINT-SOURCE DRIP	7,172	28.1%
3	NATIVE SOD - MED	POP-UP SPRAY	2,392	9.4%
4	NATIVE SOD - MED	POP-UP SPRAY	2,393	9.4%
5	SHURB - LOW	POINT-SOURCE DRIP	6,112	24.0%
6	TREE - MED	BUBBLER	280	1.1%
7	TREE - MED	BUBBLER	220	0.9%
8	SHURB - LOW	POINT-SOURCE DRIP	4,115	16.1%
9	LAWN - HIGH	ROTORS	185	0.7%
10	LAWN - HIGH	ROTORS	185	0.7%
11	TREE - MED	BUBBLER	240	0.9%
12	SHURB - LOW	POINT-SOURCE DRIP	443	1.7%
13	SHURB - LOW	POINT-SOURCE DRIP	523	2.1%
14	VINE - MED	POINT-SOURCE DRIP	56	0.2%
15	TREE/SHURB/VINE - MED	POINT-SOURCE DRIP	686	2.7%
TOTAL AREA			25,502	100.0%

AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL HVAC REPLACEMENT

9325 MIRANDY DR
SACRAMENTO, CA 95826

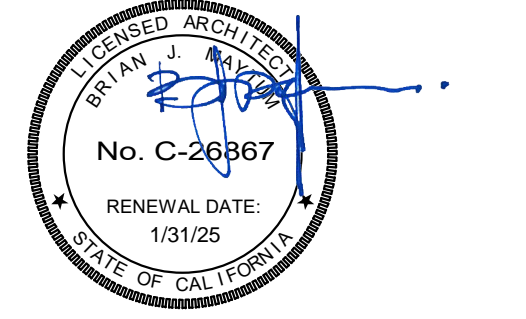
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT



Bryan Hollis Walker C-5453

CONSULTANT

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ARCHITECT CONSTRUCTION DOCUMENTS

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3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023

JOB NO.: Y2243.00

SHEET TITLE
LANDSCAPE IRRIGATION DETAILS AND WATER EFFICIENCY CHARTS AND CALCULATIONS

SHEET NO.

L510

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = TWENTY FEET
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT

GENERAL NOTES:

- THESE NOTES APPLY TO THIS SHEET ONLY.
- ALL (N) CONCRETE SITE WORK EXCLUDING RAMPS AND SLOPED WALKS SHALL BE LESS THAN 2% SLOPE IN ALL DIRECTIONS. RELOCATE EXISTING AREA DRAINS, REPLACE VALVE BOXES AND COORDINATE WITH CIVIL DRAWINGS FOR SCOPE OF WORK IN THESE LOCATIONS.
 - ALL LANDSCAPED AREAS SHALL BE LESS THAN 4" BELOW FINISHED ADJACENT CONCRETE WALK.
 - SEE CIVIL DRAWINGS FOR ALL FLATWORK PAVING, SEAL COATING, STRIPING, AND OTHER ADDITIONAL DETAILS.
 - CONTRACTOR SHALL COORDINATE EXISTING UNDERGROUND UTILITIES PRIOR TO DIGGING. SEE CIVIL DRAWINGS FOR LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITIES PRIOR TO EXCAVATION. HAND DIGGING WILL BE REQUIRED IN CONGESTED AREAS AND AROUND BUILDING AND CANOPY FOOTINGS. RESTORE AND DAMAGED BUILDINGS, BUILDINGS, SITE ELEMENTS, LANDSCAPE, IRRIGATION SYSTEMS, WALKS, OR CURBS TO MATCH EXISTING.
 - PROTECT SITE SIGNAGE IN PLACE DURING CONSTRUCTION UNLESS NOTED TO BE REMOVED. SIGNAGE REQUIRED TO BE REMOVED TO ADEQUATELY PERFORM WORK SHALL BE REINSTALLED AT COMPLETION OF WORK.
 - PATCH AND REPAIR ALL SURFACES AND SUBSTRATES DAMAGED BY THE EXECUTION OF THE NEW WORK, TO AN ACCEPTABLE FINISHED CONDITION MATCHING ADJACENT SURFACES/FINISHES, AS REQUIRED.
 - AT ALL LOCATIONS WHERE NEW AND/OR EXISTING CONCRETE WILL BE USED FOR HEAVY BOBCAT PIVOTING OR TRACTOR TRAFFIC, CONTRACTOR SHALL PROTECT CONCRETE FINISH FROM TIRE TRACKS/SKID MARKS AND POWER WASH ALL AFFECTED CONCRETE TO FULLY REMOVE TIRE MARKS/SKIDS.
 - AT ALL AREAS LABELLED "NEW LANDSCAPE", REFER TO LANDSCAPE DRAWINGS FOR PLANTING LOCATIONS, TREE LOCATIONS, BOULDER LOCATIONS, AND OTHER LANDSCAPE ELEMENTS.

KEYNOTES:

- NOTES USED ON THIS SHEET ONLY.
- UPGRADES TO ADA PARKING SPACES PER THIS APPLICATION. SEE CIVIL DWGS.
 - ACCESSIBLE UPGRADES TO (E) BOYS TOILET ROOM PER THIS APPLICATION.
 - ACCESSIBLE UPGRADES TO (E) GIRL'S TOILET ROOM PER THIS APPLICATION.
 - ACCESSIBLE UPGRADES TO (E) STAFF TOILET ROOM PER DSA APP #02-105115.
 - UPGRADES TO PATH TO PUBLIC WAY PER THIS APPLICATION. SEE CIVIL DWGS.
 - (E) TOW AWAY SIGN PER DSA APP #02-105115
 - (E) 20' FIRE LANE. PROVIDE NEW KNOX BOX AT GATE.
 - GRIND AND REPAVE (E) PARKING LOT - SEE CIVIL DRAWINGS.
 - REMOVE AND REPLACE EXISTING BIKE ENCLOSURE AND UTILITY YARD FENCING. REMOVE BIKE RACKS AND REINSTALL AFTER COMPLETION OF PAVING.
 - REMOVE (E) PAVING SECTION AND REPLACE WITH NEW. SEE CIVIL DRAWINGS.
 - BLACK OUT PAINTED LINES, CRACK FILL, SEAL COAT, RESTRIPE. SEE CIVIL DRAWINGS.
 - LOCATION OF CONEX BOXES FOR STORAGE OF SITE FURNITURE. CONTRACTOR SHALL PROVIDE SEPARATE AC PAVING SEAL AND RESTRIPE ONCE CONEX BOXES ARE REMOVED FROM SITE.
 - REMOVE AND REPLACE DAMAGED CONCRETE WALK (6) 4'x4' CONCRETE PANELS.

LEGEND:

- (E) CAMPUS BUILDINGS
- (N) CONCRETE FLATWORK - SEE CIVIL DRAWINGS FOR CURB CUT LOCATIONS, DETAILS, AND OTHER ADDITIONAL INFORMATION.
- NEW LANDSCAPING AREA - SEE LANDSCAPE DRAWINGS FOR TREES, PLANTS, AND OTHER LANDSCAPE ELEMENTS.

↑ PATH OF TRAVEL (P.O.T.) AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 12 MAX. SLOPE. EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH, PASSING SPACES (1133B.7.1) AT LEAST 60"x90" ARE LOCATED NOT MORE THAN 200' APART. PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60' LEVEL AREAS (1133B.7.5) NOT MORE THAN 400' APART. THE CROSS-SLOPE AND SLOPE IN THE DIRECTION OF TRAVEL DOES NOT EXCEED 2% AND IS LESS THAN 5% UNLESS OTHERWISE INDICATED. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN. (1133B.8.6) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (1133B.8.6).

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

DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NON-COMFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A "CONSTRUCTION CHANGE DOCUMENT" (FROM DSA 140).

STAFF PARKING LOT CALCULATIONS:

CODE REFERENCES:
1. 2019 CBC TABLE 11B-6 & 1129B

PARKING LOT (APP. #02-102305)

TOTAL NUMBER OF STALLS:	90
NUMBER OF STANDARD STALLS:	84
NUMBER OF ACCESSIBLE STALLS:	6
NUMBER OF VAN ACCESSIBLE STALLS:	2

BUILDING DATA:

BUILDING NAME	USE	O.C.C.	TYPE	ACTUAL AREA	ORIGINAL DSA NO.
A1	CLASSROOMS	CLASSROOMS	E-1	II-N	6,000 25660
A2	CLASSROOMS	CLASSROOMS	E-1	II-N	6,000 25660
B1	CLASSROOMS	CLASSROOMS	E-1	II-N	9,240 25660
B2	ADMINISTRATION	ADMINISTRATION	E-1/B2	II-N	8,400 25660
C1	CLASSROOMS	CLASSROOMS	E-1	II-N	3,000 25660
C2	CLASSROOMS	CLASSROOMS	E-1	II-N	3,000 25660
D	GYMNASIUM	ASSEMBLY	A-1	II-N	23,600 24342
E	CLASSROOMS	CLASSROOMS	E-1	II-N	12,820 24342
F	MULTIPURPOSE	ASSEMBLY	A-1	II-N	13,860 24342
G	MUSIC BUILDING	CLASSROOMS	E-1	II-N	5,720 25660
P1	PORTABLE 1	CLASSROOMS	E-1	V-N	900 02-105115
P2	PORTABLE 2	CLASSROOMS	E-1	V-N	900 02-105115
P3	PORTABLE 3	CLASSROOMS	E-1	V-N	2,840 02-105115

TOTAL SQUARE FOOTAGE: 96,280

AGENCY APPROVAL

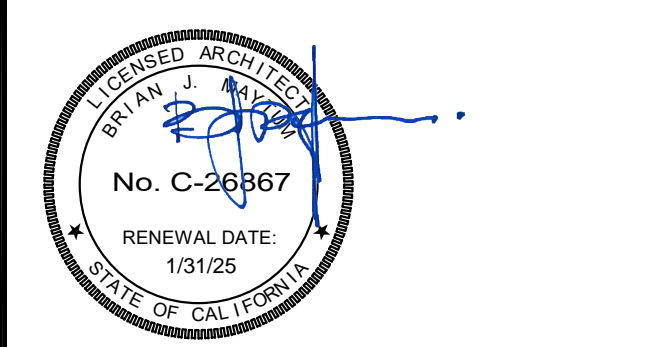
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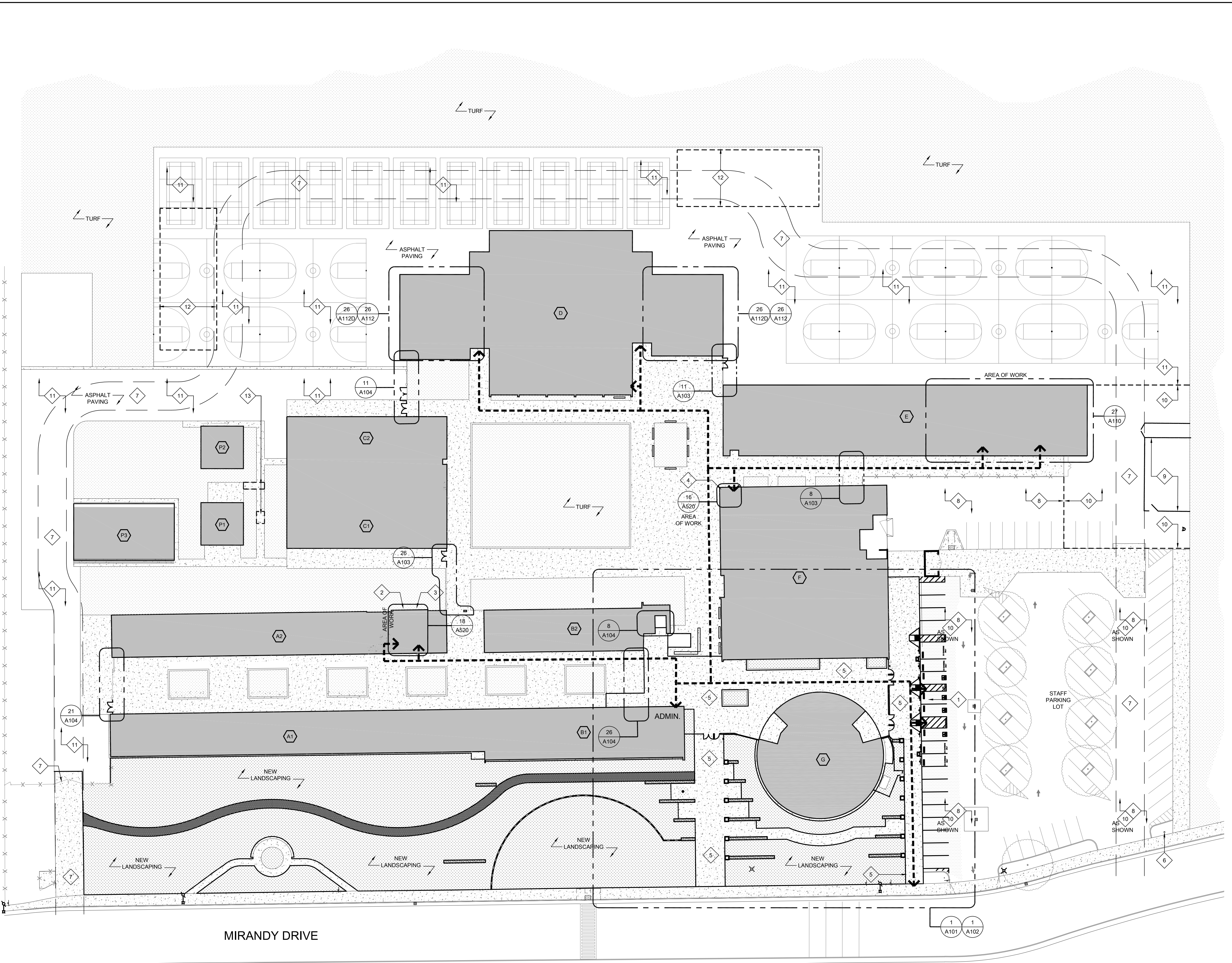
JOB NO.: Y2243.00

SHEET TITLE

OVERALL SITE PLAN

SHEET NO.

A100



ONE AND ONE-HALF INCH = ONE FOOT
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GENERAL SHEET NOTES:

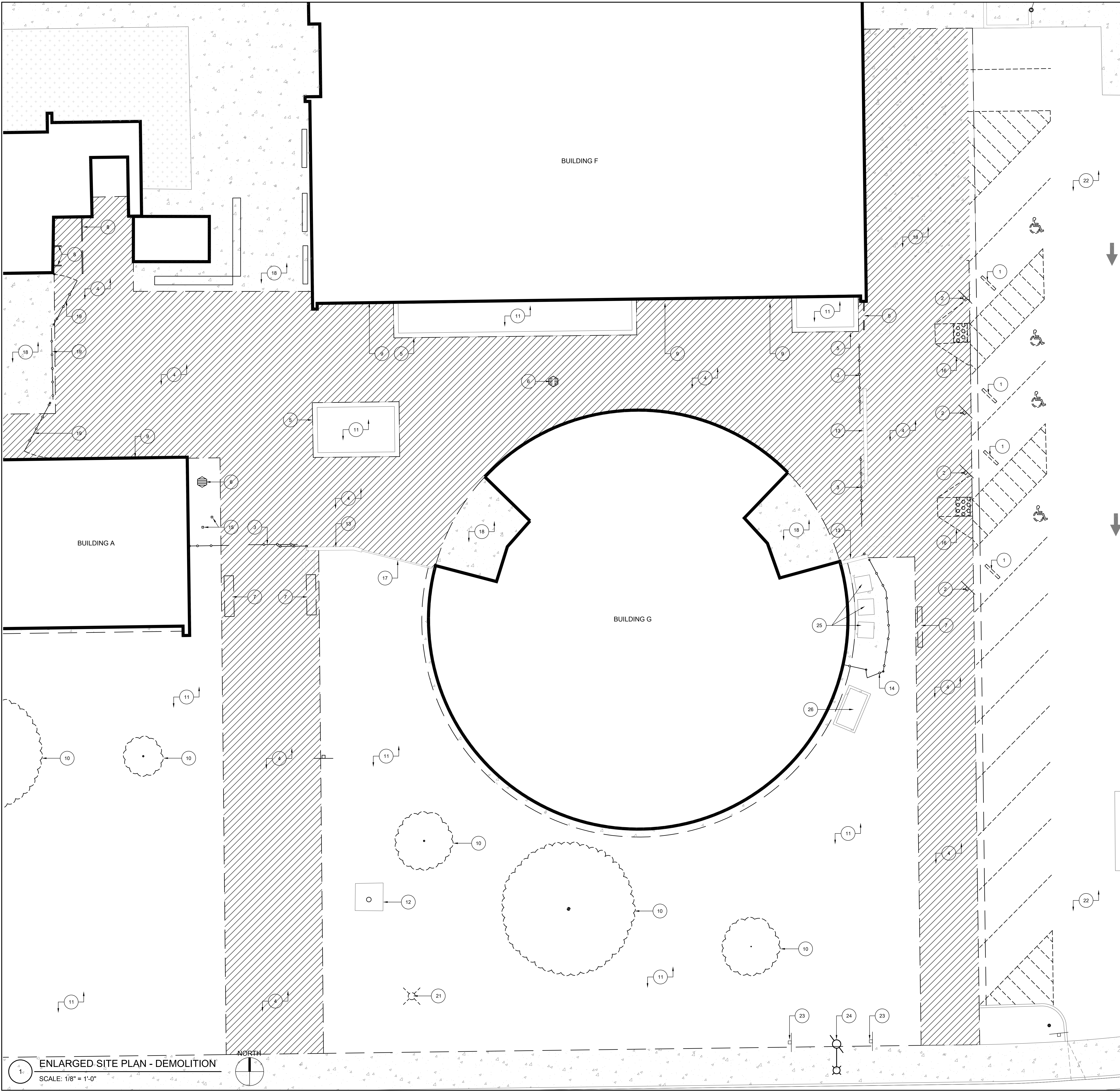
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- CONTRACTOR SHALL COORDINATE EXISTING UNDERGROUND UTILITIES PRIOR TO DIGGING. SEE CIVIL DRAWINGS FOR LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITIES PRIOR TO EXCAVATION. HAND DIGGING WILL BE REQUIRED IN CONGESTED AREAS AND AROUND BUILDING AND CANOPY FOOTINGS. RESTORE AND DAMAGED BUILDINGS, BUILDINGS, SITE ELEMENTS, LANDSCAPE, IRRIGATION SYSTEMS, WALKS, OR CURBS TO MATCH EXISTING.
- PROTECT SIGNAGE IN PLACE DURING CONSTRUCTION UNLESS NOTED TO BE REMOVED. SIGNAGE REQUIRED TO BE REMOVED TO ADEQUATELY PERFORM WORK SHALL BE REINSTALLED AT COMPLETION OF WORK.
- SEE CIVIL DRAWINGS FOR ADDITIONAL SCOPE AND DETAILS.
- FOR ALL NEW UNDERGROUND ELECTRICAL, GAS DISTRIBUTION AND ALL OTHER UTILITY DISTRIBUTION, CONTRACTOR SHALL COORDINATE ACTUAL ROUTING WITH EXISTING UNDERGROUND UTILITIES. HAND DIGGING WILL BE REQUIRED IN CONGESTED AREAS AND AROUND BUILDING AND CANOPY FOOTINGS. RESTORE ANY DAMAGED LANDSCAPE AND IRRIGATION.
- ALL NEW CONCRETE SITE WORK EXCLUDING RAMPS AND SLOPED WALKS SHALL BE LESS THAN 2% SLOPE IN ALL DIRECTIONS. SEE ENLARGED PLANS FOR LOCATIONS OF EXISTING DRAINS AND VALVE BOXES AND COORDINATE WITH CIVIL DRAWINGS FOR SCOPE OF WORK IN THESE LOCATIONS.

DEMOLITION KEYNOTES:

- KEYNOTES FOR THIS SHEET ONLY.
- REMOVE AND SALVAGE (E) CONCRETE WHEEL STOPS. REMOVE ALL ANCHORAGE AND PREPARE SURFACE FOR NEW WORK.
 - DEMO (E) SIGN, SIGN POST, AND POST FOOTING.
 - DEMO (E) SLIDING IRON GATE. REMOVE ALL GATE HARDWARE AND TRACKS.
 - DEMO (E) CONCRETE WALK AND BRICK INLAYS. PROTECT EXISTING SITE AND BUILDING ELEMENTS, COLUMNS AND PLANTERS IN PLACE.
 - (E) PLANTER WALL TO REMAIN. PROTECT IN PLACE.
 - DEMO (E) STORM DRAIN AND REPLACE WITH NEW AT NEW GRADE.
 - REMOVE AND SALVAGE (E) BENCH.
 - DEMO (E) GUARDRAIL AND ALL GUARDRAIL ANCHORAGE.
 - DEMO (E) DOOR THRESHOLD.
 - DEMO (E) TREE.
 - DEMO (E) LANDSCAPE.
 - DEMO (E) FLAGPOLE AND CONCRETE PAD.
 - (E) WALL DECORATIVE CMU BLOCK WALL. PROTECT IN PLACE.
 - (E) FENCING SYSTEM TO REMOVED.
 - DEMO (E) WOOD SIGN AND WOOD SIGN POSTS.
 - DEMO (E) CURB RAMP AND DETECTIBLE WARNING SURFACE.
 - (E) BRICK WALL TO REMAIN. PROTECT IN PLACE.
 - (E) CONCRETE WALK TO REMAIN. DEMO UP TO NEAREST EXPANSION JOINT. PROTECT EXISTING CONCRETE IN PLACE AND PROTECT FROM DAMAGE.
 - REMOVE EXISTING CHAIN LINK FIXED PANEL AND SWINGING GATES. REMOVE ALL BRACKETS FROM POSTS TO REMAIN AND GRIND SMOOTH. CUT ALL CONCRETE ANCHORS FLUSH WITH GRADE.
 - DEMO CHAIN LINK FENCING, POSTS, AND GATE. PREPARE SITE FOR NEW WORK.
 - DEMO POLE LIGHT, FOOTING, UNDERGROUND PATHWAY BACK TO NEAREST JUNCTION BOX.
 - REMOVE EXISTING PAVING AT PARKING LOT - SEE CIVIL DRAWINGS FOR MORE INFORMATION.
 - REMOVE EXISTING STREET SIGN AND REINSTALL AFTER NEW WORK IS COMPLETE.
 - EXISTING POWER POLE TO REMAIN.
 - EXISTING HVAC CONDENSERS TO REMAIN. PROTECT IN PLACE.
 - EXISTING ELECTRICAL SWITCHGEAR TO REMAIN. PROTECT IN PLACE.

LEGEND:

- (E) FENCING TO REMAIN.
- DEMO EXISTING FENCING AND GATES. SEE KEYNOTES FOR MORE INFORMATION.
- DEMO EXISTING FLATWORK. SEE CIVIL DRAWINGS FOR MORE INFORMATION.

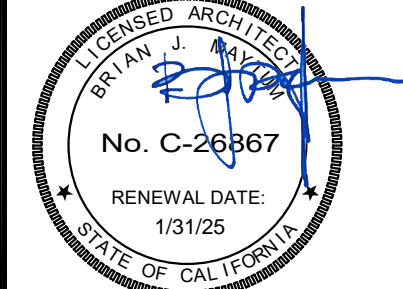


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 ONE INCH = TWENTY FEET

AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT
 9325 MIRANDY DR
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ARCHITECT CONSTRUCTION DOCUMENTS

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DATE: 06/19/2023
 JOB NO.: Y2243.00
 SHEET TITLE

ENLARGED SITE PLAN DEMOLITION

SHEET NO.

A101

1 ENLARGED SITE PLAN - DEMOLITION
 SCALE: 1/8" = 1'-0"

BUILDING A1

BUILDING F

BUILDING A2

ELEVATOR

ADMIN. OFFICE

BUILDING A1

BUILDING G

GENERAL SHEET NOTES:

- PATCH AND REPAIR ALL SURFACES AND SUBSTRATES DAMAGED BY THE EXECUTION OF THE NEW WORK, TO AN ACCEPTABLE FINISHED CONDITION MATCHING ADJACENT SURFACES/FINISHES, AS REQUIRED.
- AT ALL LOCATIONS WHERE NEW AND/OR EXISTING CONCRETE WILL BE USED FOR HEAVY BOBCAT PIVOTING OR TRACTOR TRAFFIC, CONTRACTOR SHALL PROTECT CONCRETE FINISH FROM TIRE TRACKS/ID MARKS AND POWER WASH ALL AFFECTED CONCRETE TO FULLY REMOVE TIRE MARKS/ID.
- CONTRACTOR SHALL COORDINATE EXISTING UNDERGROUND UTILITIES PRIOR TO DIGGING. SEE CIVIL DRAWINGS FOR LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITIES PRIOR TO EXCAVATION. HAND DIGGING WILL BE REQUIRED IN CONGESTED AREAS AND AROUND BUILDING AND CANOPY FOOTINGS. RESTORE AND DAMAGED BUILDINGS, BUILDINGS, SITE ELEMENTS, LANDSCAPE, IRRIGATION SYSTEMS, WALKS, OR CURBS TO MATCH EXISTING.
- PROTECT SIGNAGE IN PLACE DURING CONSTRUCTION UNLESS NOTED TO BE REMOVED. SIGNAGE REQUIRED TO BE REMOVED TO ADEQUATELY PERFORM WORK SHALL BE REINSTALLED AT COMPLETION OF WORK.
- SEE CIVIL DRAWINGS FOR ADDITIONAL SCOPE AND DETAILS.
- FOR ALL NEW UNDERGROUND ELECTRICAL, GAS DISTRIBUTION AND ALL OTHER UTILITY DISTRIBUTION, CONTRACTOR SHALL COORDINATE ACTUAL ROUTING WITH EXISTING UNDERGROUND UTILITIES. HAND DIGGING WILL BE REQUIRED IN CONGESTED AREAS AND AROUND BUILDING AND CANOPY FOOTINGS. RESTORE ANY DAMAGED LANDSCAPE AND IRRIGATION.
- ALL NEW CONCRETE SITE WORK EXCLUDING RAMPS AND SLOPED WALKS SHALL BE LESS THAN 2% SLOPE IN ALL DIRECTIONS. SEE ENLARGED PLANS FOR LOCATIONS OF EXISTING DRAINS AND VALVE BOXES AND COORDINATE WITH CIVIL DRAWINGS FOR SCOPE OF WORK IN THESE LOCATIONS.

ALTERATION KEYNOTES:

KEYNOTES FOR THIS SHEET ONLY.

- (E) CHAIN LINK FENCE AND GATES TO REMAIN.
- (N) ORNAMENTAL IRON FENCE AND FENCE POSTS. SEE SPEC SECTION 32 31 19.
- (N) DOUBLE-LEAF 42" ORNAMENTAL IRON PEDESTRIAN GATE - SEE A650 FOR GATE DETAILS AND PLANS. SEE SPEC SECTION 32 31 19 FOR ADDITIONAL INFO.
- (N) SINGLE-LEAF 42" ORNAMENTAL IRON PEDESTRIAN GATE - SEE A650 FOR GATE DETAILS AND PLANS. SEE SPEC SECTION 32 31 19 FOR ADDITIONAL INFO.
- (N) CONCRETE SEAT/PLANTER WALLS PER DETAIL 15/C6.1
- (N) FLAGPOLE AT NEW LOCATION. SEE DETAIL 27/A650 FOR FOOTING.
- (E) METAL CANOPY COLUMN - PROTECT IN PLACE DURING CONSTRUCTION. CLEAN UP ALL CONCRETE DEBRIS PRIOR TO FINISHING IN EXTERIOR ELEVATIONS. AT COLUMNS WITH DOWNSPOUTS, (E) DOWNSPOUT AND UNDERGROUND DRAINAGE IN PLACE.
- (N) AREA DRAIN. SEE CIVIL DRAWINGS FOR ADDITIONAL INLETS AND PIPE LOCATIONS.
- (N) GUARDRAILS. SEE DETAIL 22/A650.
- (N) LANDSCAPING AT (E) PLANTER. ADJUST IRRIGATION AS NEEDED - SEE LANDSCAPE DRAWINGS.
- (N) LANDSCAPING AREA. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL INFO.
- (N) EV CHARGING PARKING STALL.
- (E) DOWNSPOUT CONNECTED TO EXISTING STORM DRAIN. DISCONNECT, CLEAN, AND RE-CONNECT WITH CLEANOUT TEE. SEE CIVIL DRAWINGS.
- (E) DRINKING FOUNTAIN TO REMAIN.
- NEW DOOR THRESHOLD PER DETAIL 7/A550.
- NEW ADA ACCESSIBLE CURB RAMP. SEE 3/C6.1.
- NEW 6X6 HOLLOW METAL BOLLARD FOR CAMERA MOUNTING IN A 30" DEEP X 16" WIDE CONCRETE FOOTING WITH A MIN. 24" DEEP EMBED. SLOPE NEW CONCRETE FOOTING CAP AWAY FROM POLE. COORDINATE WITH LOW VOLTAGE FOR WIRING.
- NEW STANDARD ADA ACCESSIBLE PARKING SPACE.
- NEW VAN ACCESSIBLE PARKING SPACE.
- NEW STANDARD ADA ACCESSIBLE PARKING SPACE SIGNAGE AND POST.
- NEW VAN ADA ACCESSIBLE PARKING SPACE SIGNAGE AND POST.
- NEW DOOR STOP RAIL PER DETAIL 22/A650.
- (N) CONCRETE MOW STRIP - SEE LANDSCAPE DRAWINGS.
- (E) UTILITY BOX, ELECTRICAL VAULT, OR CLEANOUT. REMOVE AND INSTALL NEW FLUSH WITH NEW GRADES. SEE CIVIL DRAWINGS.
- (E) VALVE BOX - FLOAT TO LEVEL OF NEW CONCRETE AND PROVIDE NEW VALVE COVER AT LOCATIONS WHERE COVER IS DAMAGED.
- NEW VERTICAL CAGE SCREEN WITH LIGHTING FIXTURE MOUNTED TO SCREEN. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
- (N) ORNAMENTAL IRON FENCE AND FENCE POSTS. SEE SPEC SECTION 32 31 19. PROVIDE ADDITIONAL DECORATIVE SCREEN MOUNTED TO FACE OF FENCE PANELS. SEE SPEC SECTION 05 70 00 FOR SCREEN INFORMATION.
- (N) 42" WIDE ORNAMENTAL IRON MAINTENANCE GATE. SEE SPEC SECTION 32 31 19. PROVIDE ADDITIONAL DECORATIVE SCREEN MOUNTED TO FACE OF GATE. SEE SPEC SECTION 05 70 00 FOR SCREEN INFORMATION.
- (N) EV CHARGING STALL SIGN AND POST. SEE C4.3.
- (N) EV CHARGER AND STEEL BOLLARDS. PROVIDE PATHWAY PER ELECTRICAL DRAWINGS BACK TO SWITCHGEAR.
- GRIND AND OVERLAY PARKING LOT. SEE CIVIL.

LEGEND:

- (GXX) GATE TAG - SEE GATE SCHEDULE ON DETAIL 28/A104.
- (E) FENCING TO REMAIN.
- NEW ORNAMENTAL IRON FENCING, FENCE POSTS, AND GATES.
- NEW EXPANSION JOINTS PER 1/C.6.1.
- NEW CONTROL JOINTS PER 1/C.6.1.
- NEW CONCRETE WALK. SEE CIVIL DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILS.
- NEW SLURRY SEAL OVER EXISTING AND NEW AC PAVING. NEW PARKING LOT STRIPING PAINT AT THIS AREA.
- NEW LANDSCAPING AREA - SEE LANDSCAPE DRAWINGS FOR TREES, PLANTS, AND OTHER LANDSCAPE ELEMENTS.
- NEW DECOMPOSED GRANITE WALKING PATH - SEE SHEET L210 FOR ADDITIONAL INFORMATION.

GATE GENERAL NOTES:

- ALL GATES IN THE ACCESSIBLE PATH OF TRAVEL SHALL:
- PROVIDE 32" MINIMUM CLEAR ACCESS.
 - BE PROVIDED WITH LEVER TYPE OR PANIC BAR LOCKS & LATCHES AND REQUIRE A MAXIMUM OF 5# OF FORCE TO ACTIVATE.
 - BE PUSHED OR PULLED OPEN WITH A MAXIMUM FORCE OF 5# (119-404.9).
 - HAVE MAXIMUM THRESHOLD HEIGHT OF 12" WITH 1/4" MAXIMUM VERTICAL RISE WITH REMAINDER BEVELED AT 2:1.
 - HAVE A MANEUVERING CLEARANCE ON EACH SIDE WITH MAX SLOPE OF 1:48. CLEARANCE SHALL EXTEND 5FT. PERPENDICULAR TO THE FULL WIDTH OF THE CLOSED GATE AND 24" BEYOND THE LATCH ON THE PULL SIDE, AND 4FT. THE FULL WIDTH AND PERPENDICULAR TO THE PUSH SIDE.

ONE AND ONE-HALF INCH = ONE FOOT

ONE INCH = ONE FOOT

THREE-QUARTERS INCH = ONE FOOT

ONE-HALF INCH = ONE FOOT

ONE-QUARTER INCH = ONE FOOT

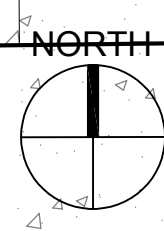
ONE-EIGHTH INCH = ONE FOOT

ONE-SIXTEENTH INCH = ONE FOOT

ONE INCH = TWENTY FEET

ENLARGED SITE PLAN - NEW WORK

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



AGENCY APPROVAL

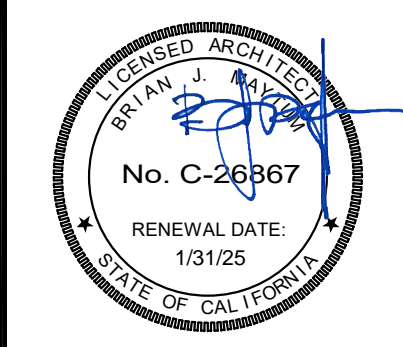
ALBERT EINSTEIN MIDDLE SCHOOL
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ARCHITECT

CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

DATE: 06/19/2023
JOB NO.: Y2243.00
SHEET TITLE

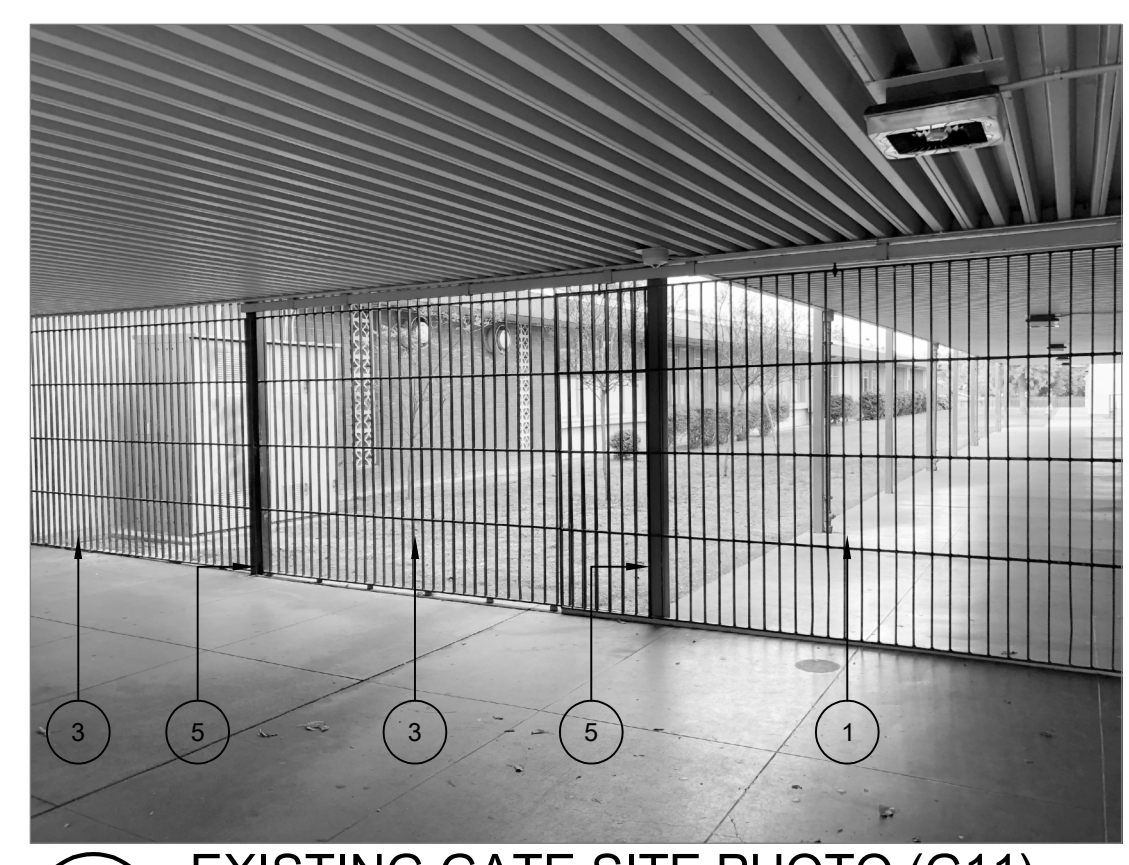
ENLARGED
SITE PLANS
NEW WORK

SHEET NO.

A102

BID PACKAGE A

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
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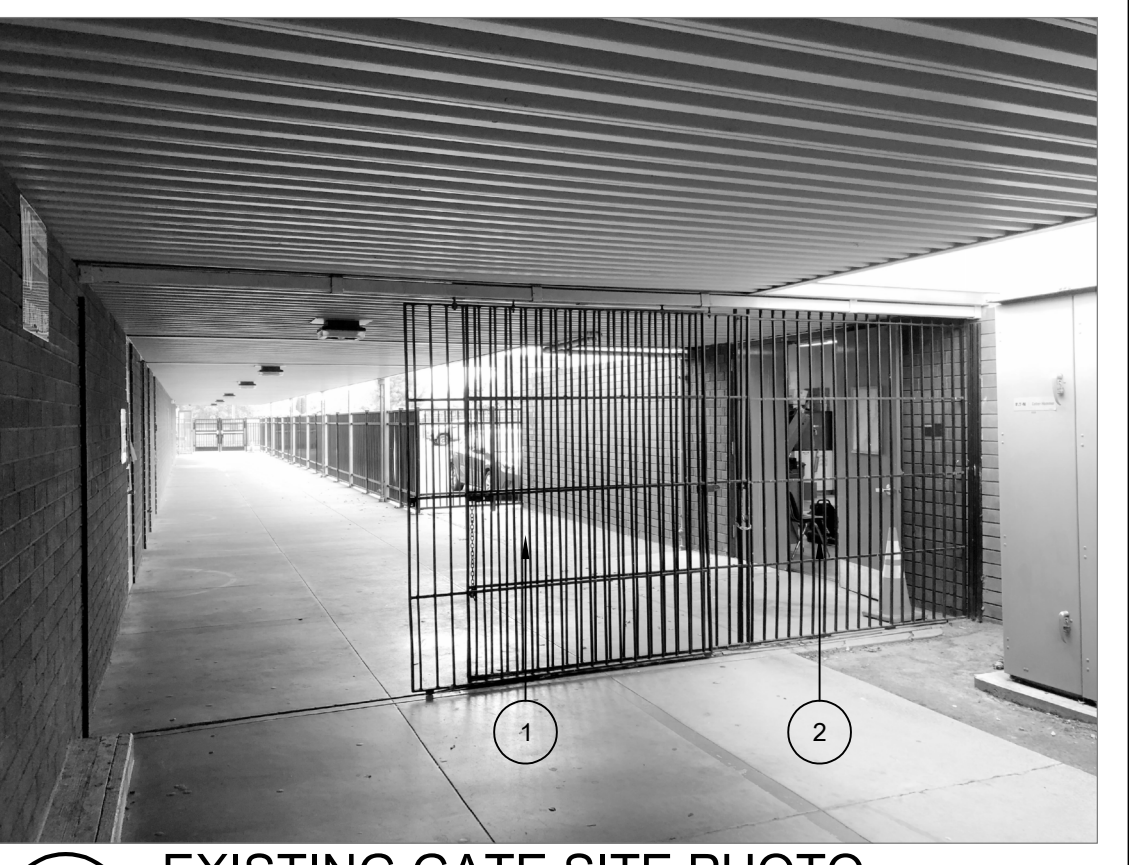
25 EXISTING GATE SITE PHOTO (G11)
 SCALE: N.T.S.



20 EXISTING GATE SITE PHOTO
 SCALE: N.T.S.

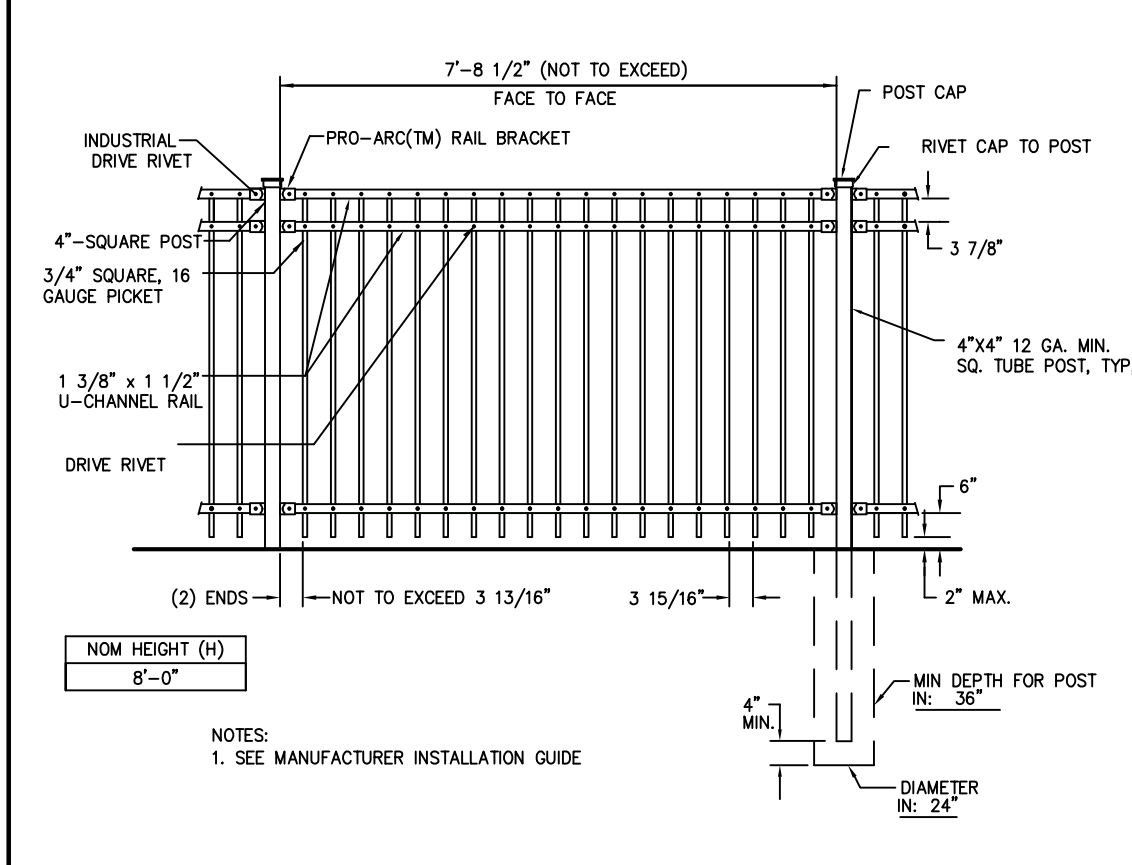


15 EXISTING GATE SITE PHOTO (G08)
 SCALE: N.T.S.

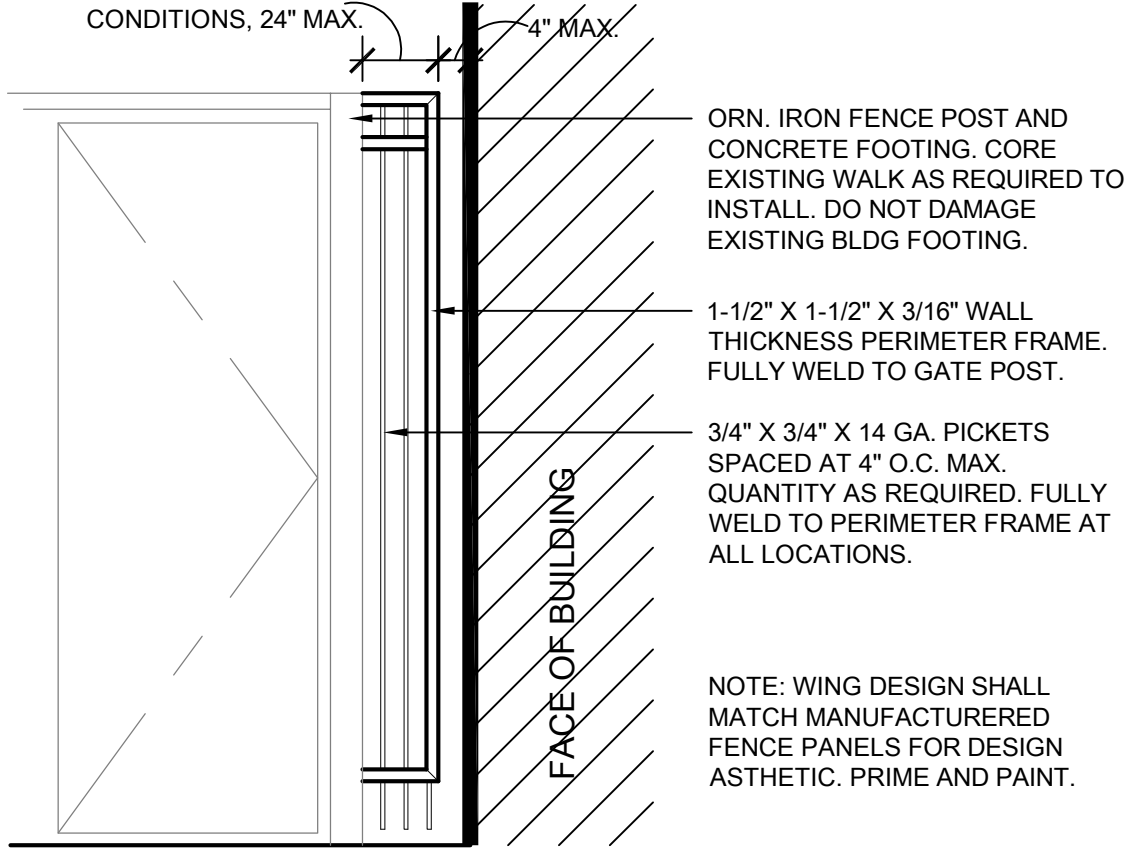


10 EXISTING GATE SITE PHOTO
 SCALE: N.T.S.

- GENERAL SHEET NOTES:**
- PATCH AND REPAIR ALL SURFACES AND SUBSTRATES DAMAGED BY THE EXECUTION OF THE NEW WORK, TO AN ACCEPTABLE FINISHED CONDITION MATCHING ADJACENT SURFACES/FINISHES, AS REQUIRED.
 - AT ALL LOCATIONS WHERE NEW AND/OR EXISTING CONCRETE WILL BE USED FOR HEAVY BOGCAT PIVOTING OR TRACTOR TRAFFIC, CONTRACTOR SHALL PROTECT CONCRETE FINISH FROM TIRE TRACKS/SKID MARKS AND POWER WASH ALL AFFECTED CONCRETE TO FULLY REMOVE TIRE MARKS/SKIDS.
 - CONTRACTOR SHALL COORDINATE EXISTING UNDERGROUND UTILITIES PRIOR TO DIGGING. SEE CIVIL DRAWINGS FOR LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITIES PRIOR TO EXCAVATION. HAND DIGGING WILL BE REQUIRED IN CONGESTED AREAS AND AROUND BUILDING AND CANOPY FOOTINGS. RESTORE AND DAMAGED BUILDINGS, BUILDINGS, SITE ELEMENTS, LANDSCAPE, IRRIGATION SYSTEMS, WALKS, OR CURBS TO MATCH EXISTING.
 - SEE CIVIL DRAWINGS FOR ADDITIONAL SCOPE AND DETAILS.
 - ALL NEW CONCRETE SITE WORK EXCLUDING RAMPS AND SLOPED WALKS SHALL BE LESS THAN 2% SLOPE IN ALL DIRECTIONS.



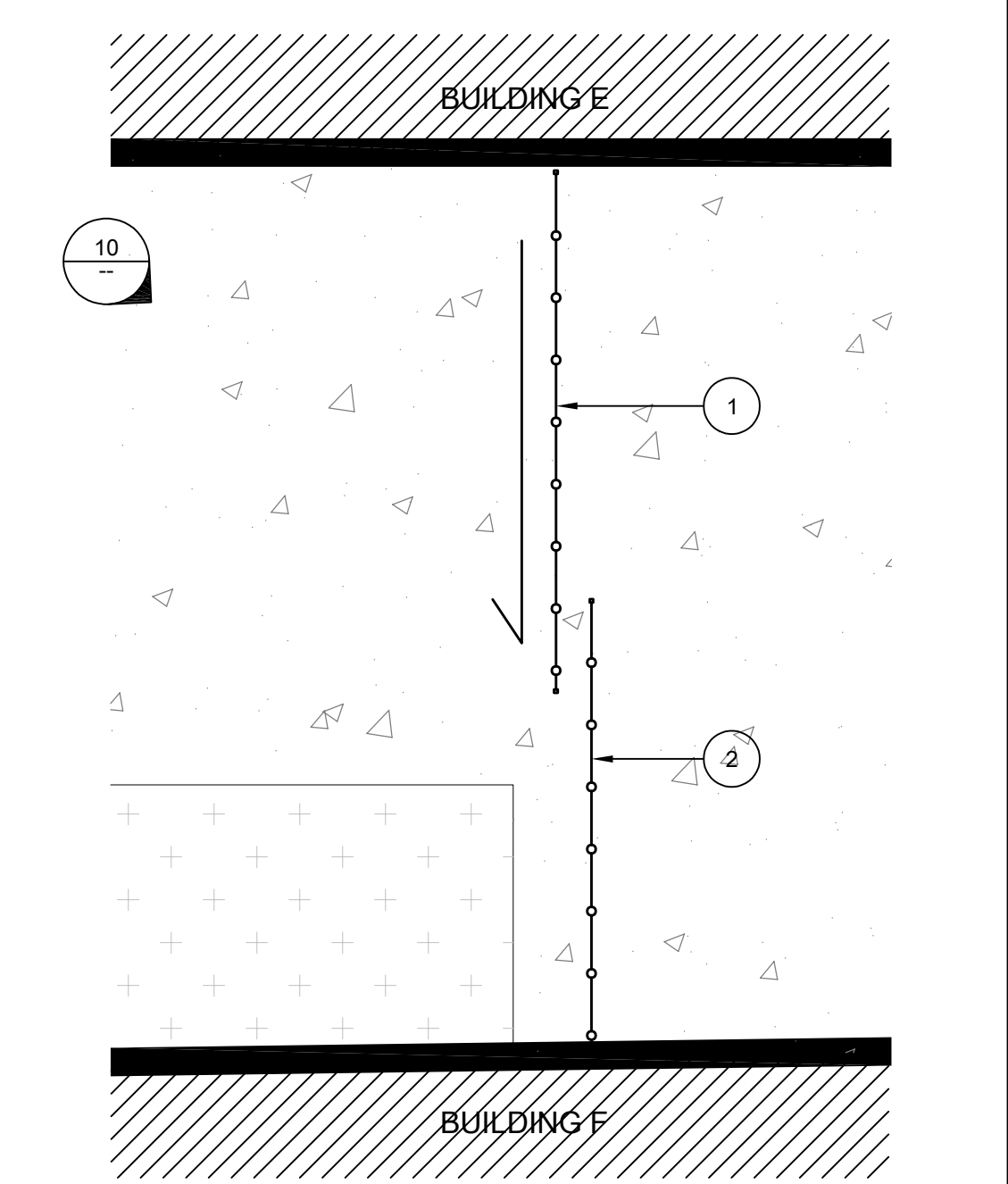
29 FENCE SECTION ELEVATION
 SCALE: N.T.S.



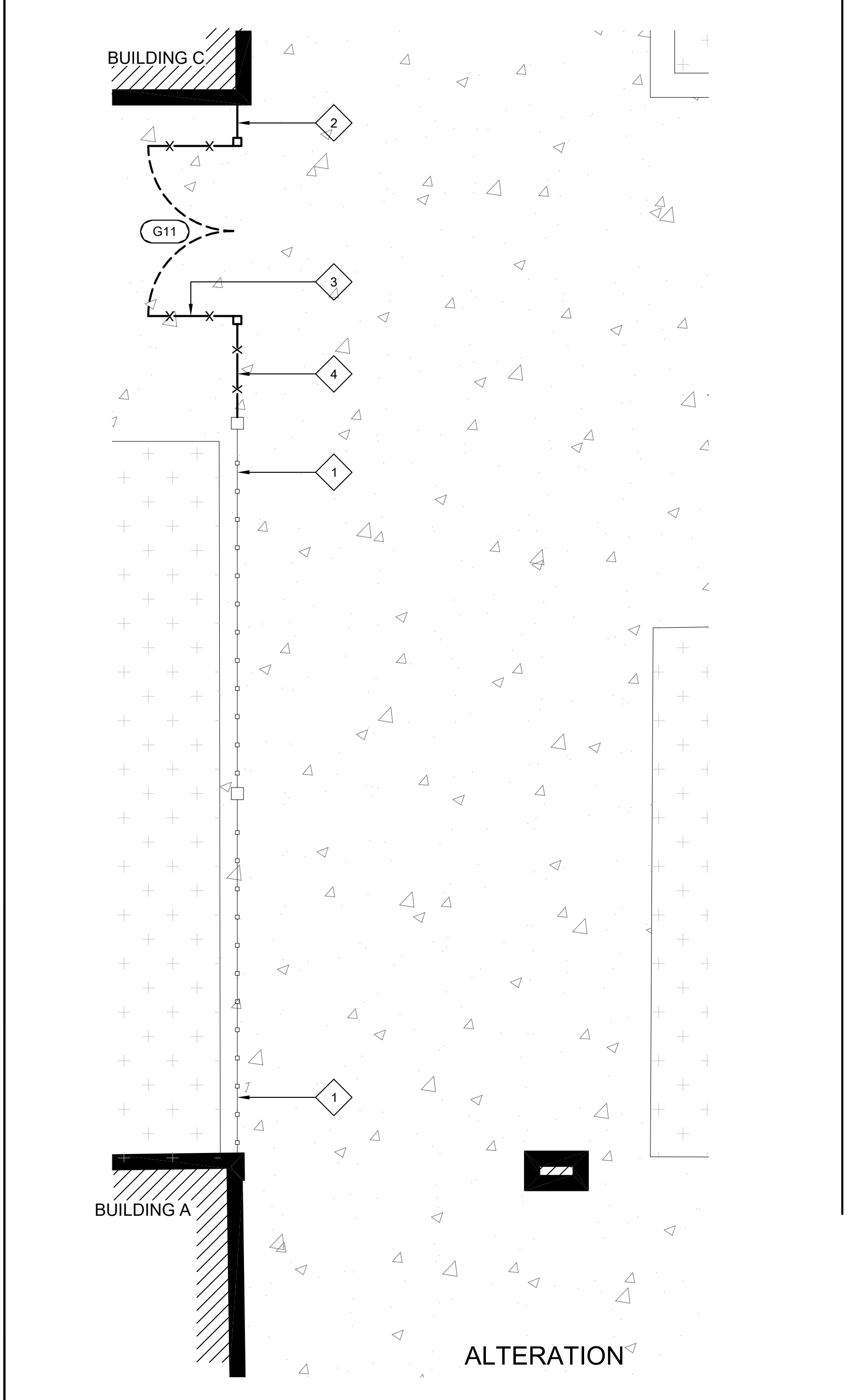
24 FENCE END CLOSURE "WING"
 SCALE: 1/2" = 1'-0"

- DEMOLITION KEYNOTES:**
 KEYNOTES FOR THIS SHEET ONLY.
- DEMO EXISTING TOP-HUNG SLIDING ORNAMENTAL IRON GATE. REMOVE EXISTING TRACK AND BRACKETS HUNG FROM STEEL DECKING. CLEAN OUT SLOT IN CONCRETE WHERE TAB FROM SLIDING-GATE WAS REMOVED AND INFILL WITH NON-SHRINK GROUT.
 - DEMO EXISTING FIXED ORNAMENTAL IRON PANEL.
 - EXISTING ORNAMENTAL IRON FENCING SYSTEM TO REMAIN. PRIME AND PAINT.
 - DEMO EXISTING CHAIN LINK GATE AND SUPPORT POSTS. CUT ALL ANCHORS FLUSH WITH GRADE AND GRIND SMOOTH. FILL ANY CUT POST WITH GROUT.
 - (E) METAL CANOPY COLUMN - PROTECT IN PLACE DURING CONSTRUCTION. CLEAN OFF ALL CONCRETE DEBRIS PRIOR TO PAINTING AS SHOWN IN EXTERIOR ELEVATIONS. AT COLUMNS WITH DOWNSPOUTS, PROTECT (E) DOWNSPOUT AND UNDERGROUND DRAINAGE IN PLACE.

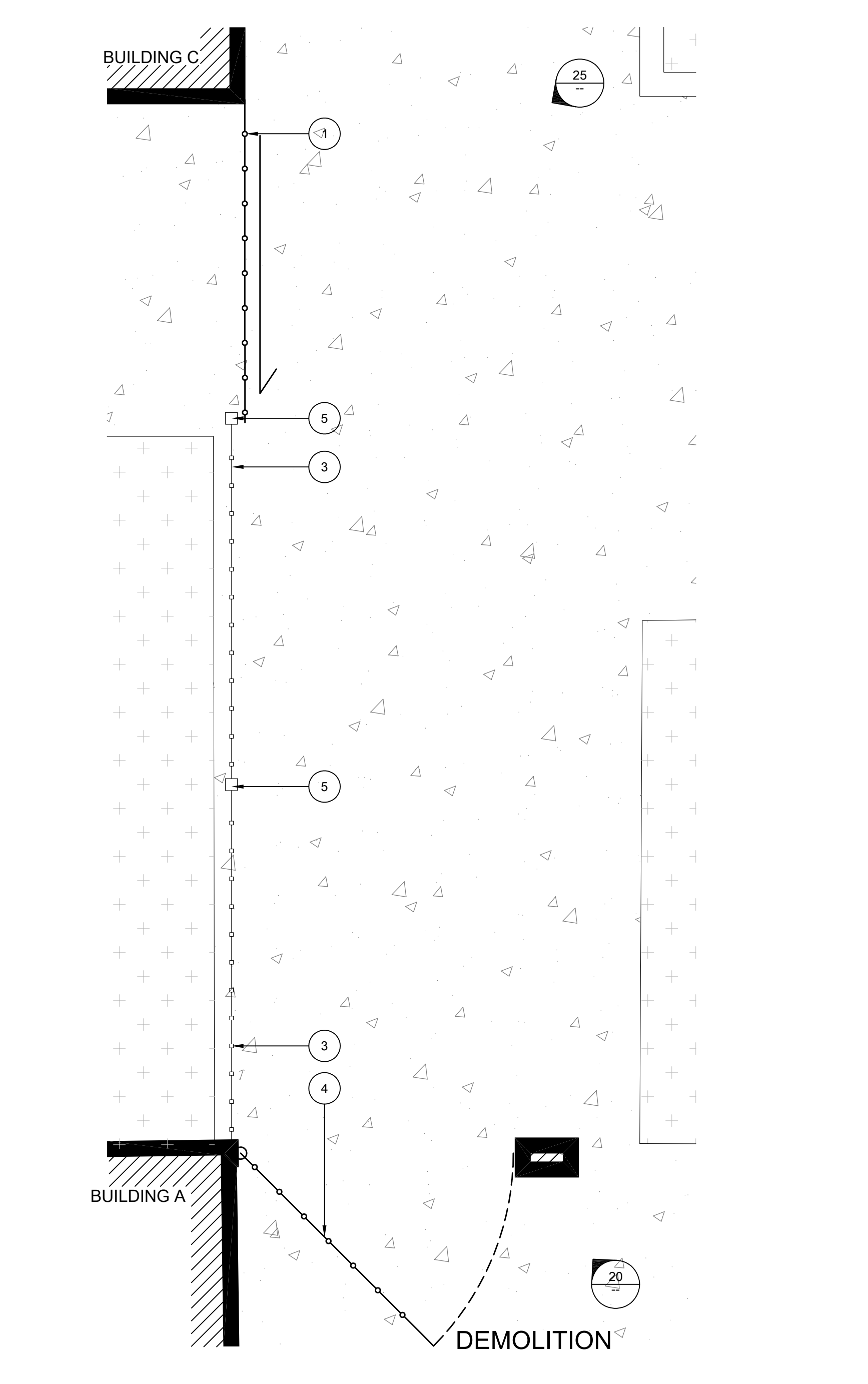
- ALTERATION KEYNOTES:**
 KEYNOTES FOR THIS SHEET ONLY.
- (E) FENCE TO REMAIN. PRIME AND PAINT.
 - (N) ORNAMENTAL IRON FENCE CLOSURE "WING". SEE DETAIL 24. SEE SPEC SECTION 32 31 19.
 - (N) DOUBLE-LEAF 42" ORNAMENTAL IRON PEDESTRIAN GATE - SEE A850 FOR GATE DETAILS. SEE SPEC SECTION 32 31 19 FOR ADDITIONAL INFO. CORE EXISTING CONCRETE AS REQUIRED FOR NEW POST FOOTING.
 - (N) ORNAMENTAL IRON FENCE AND POSTS. SEE DETAIL 29 AND SPEC SECTION 32 31 19.
 - (N) DOUBLE LEAF ORNAMENTAL IRON MAINTENANCE GATE. SEE DETAIL 18/A104 AND SPEC SECTION 32 31 19.



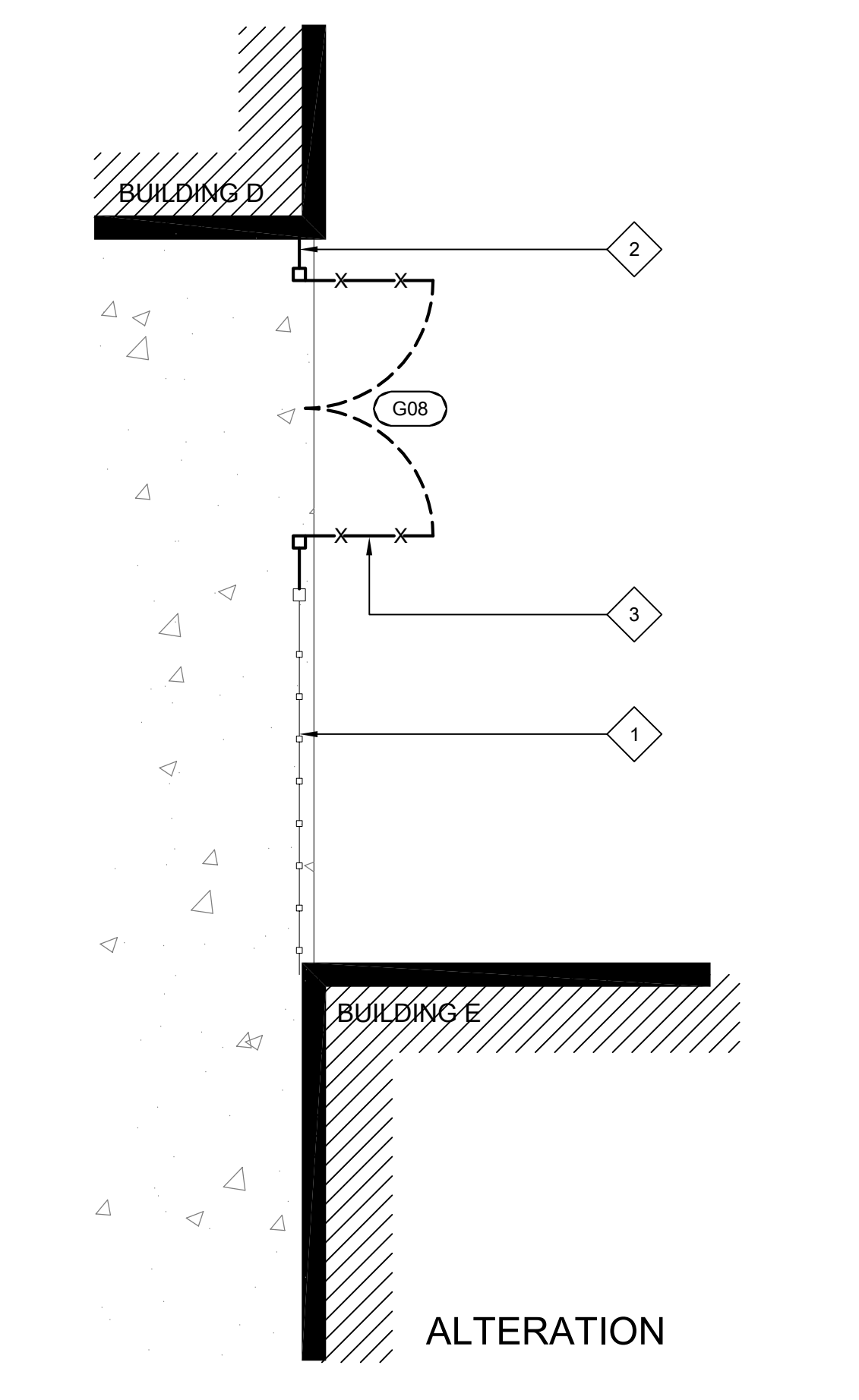
8 GATE No. 4 DEMOLITION
 SCALE: 1/4" = 1'-0"



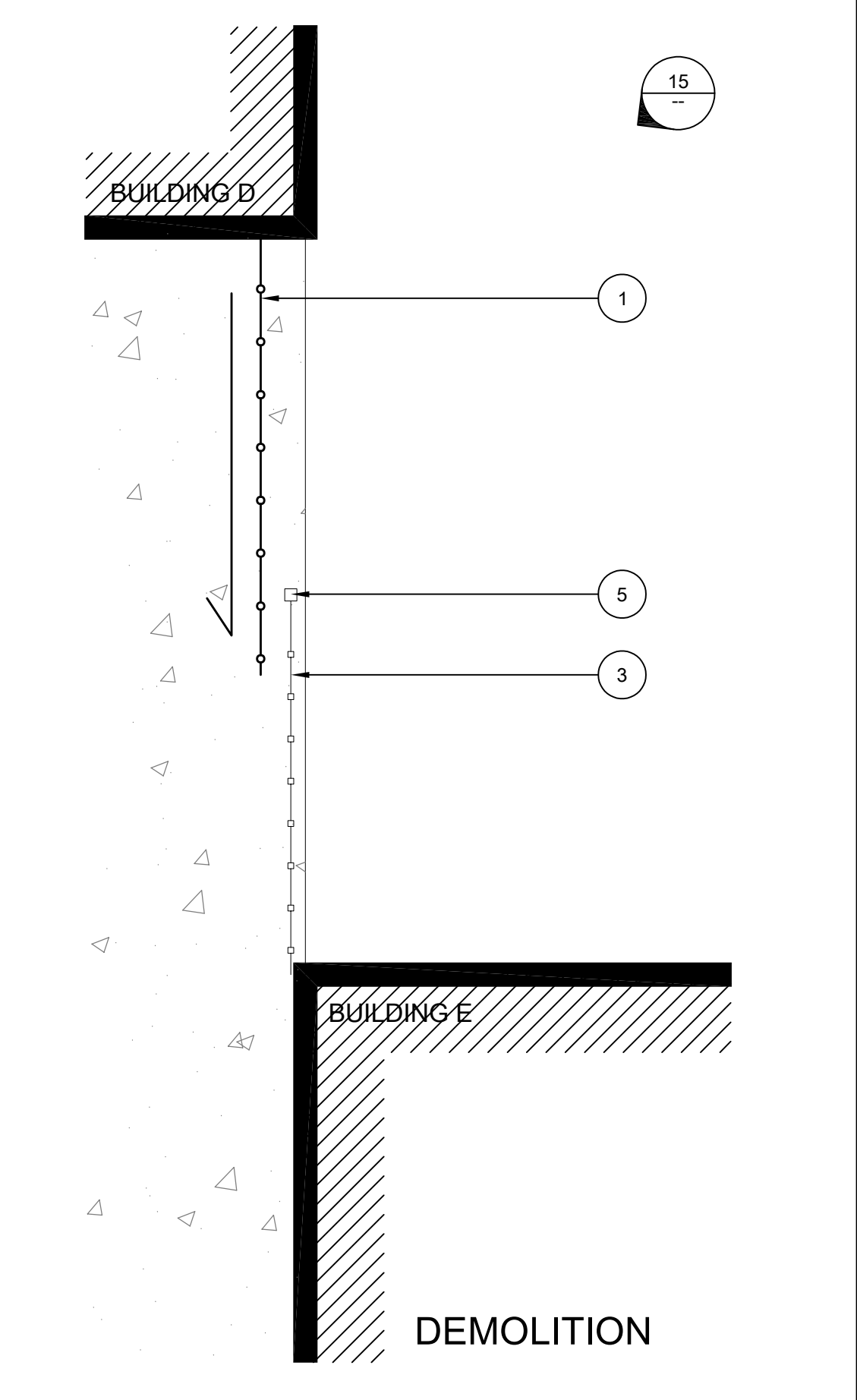
26 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"



11 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"



11 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"



15 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"

- LEGEND:**
- GXX GATE TAG - SEE GATE SCHEDULE ON DETAIL 28/A104.
 - (E) FENCING TO REMAIN.
 - (E) FENCING, FENCE POSTS, AND GATES TO BE REMOVED.
 - NEW ORNAMENTAL IRON FENCING, FENCE POSTS, AND GATES.
 - NEW EXPANSION JOINTS PER 1/C.6.1.
 - NEW CONTROL JOINTS PER 1/C.6.1.
 - EXISTING CONCRETE WALK. PROTECT IN PLACE.
 - EXISTING LANDSCAPING AREA. PROTECT IN PLACE.

AGENCY APPROVAL

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REGISTERED ARCHITECT
 No. C-26867
 RENEWAL DATE: 1/31/25
 STATE OF CALIFORNIA

CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

DATE: 06/19/2023
 JOB NO.: Y2243.00
 SHEET TITLE

ENLARGED
 SITE PLANS
 NEW WORK

SHEET NO.

A103

BID PACKAGE A

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



30 EXISTING GATE SITE PHOTO
 SCALE: N.T.S.



20 EXISTING GATE SITE PHOTO (G12)
 SCALE: N.T.S.



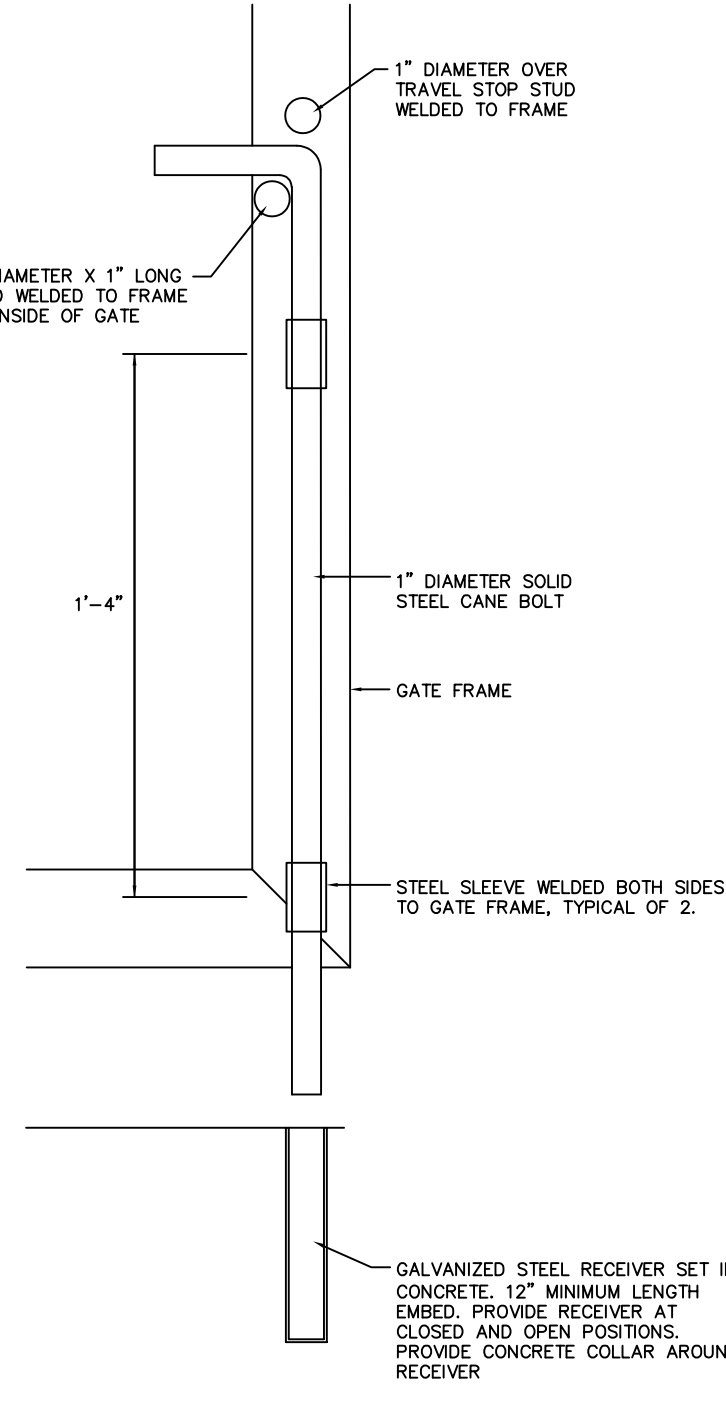
10 EXISTING GATE SITE PHOTO (G09&G10)
 SCALE: N.T.S.

GATE GENERAL NOTES:

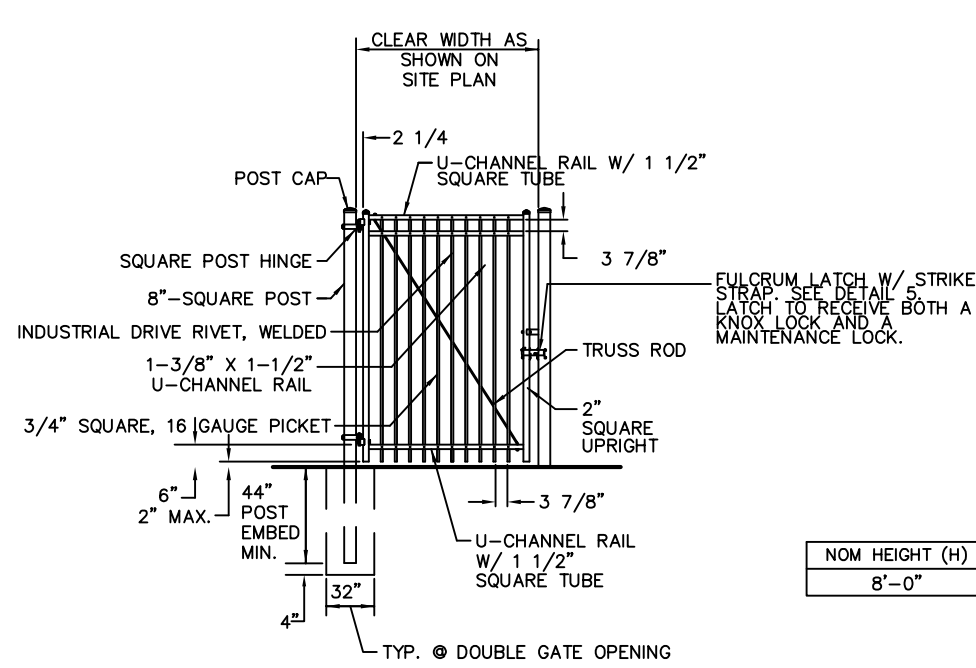
- ALL GATES IN THE ACCESSIBLE PATH OF TRAVEL SHALL:
- PROVIDE 32" MINIMUM CLEAR ACCESS.
 - BE PROVIDED WITH LEVER TYPE OR PANIC BAR LOCKS & LATCHES AND REQUIRE A MAXIMUM OF 5# OF FORCE TO ACTIVATE.
 - BE PUSHED OR PULLED OPEN WITH A MAXIMUM FORCE OF 5# (11B-404.9).
 - HAVE MAXIMUM THRESHOLD HEIGHT OF 1/2" WITH 1/4" MAXIMUM VERTICAL RISE WITH REMAINDER BEVELED AT 2:1.
 - HAVE A MANEUVERING CLEARANCE ON EACH SIDE WITH MAX SLOPE OF 1:48. CLEARANCE SHALL EXTEND SFT. PERPENDICULAR TO THE FULL WIDTH OF THE CLOSED GATE AND 24" BEYOND THE LATCH ON THE PULL SIDE, AND 4FT. THE FULL WIDTH AND PERPENDICULAR TO THE PUSH SIDE.

GATE NUMBER	NOMINAL GATE SIZE	MATERIAL	FINISH	HARDWARE GROUP (SEE SPECS)	DETAIL
G01	3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 002 SEE 08 71 00	1/A650
G02	PR. 3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 003 SEE 08 71 00	2/A650
G03	3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 005 SEE 08 71 00	19/A104
G04	3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 005 SEE 08 71 00	1/A650
G05	PR. 3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 004 SEE 08 71 00	2/A650
G06	PR. 3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 004 SEE 08 71 00	2/A650
G07	3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 002 SEE 08 71 00	1/A650
G08	PR. 3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 004 SEE 08 71 00	2/A650
G09	PR. 3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 004 SEE 08 71 00	2/A650
G10	PR. 3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 004 SEE 08 71 00	2/A650
G11	PR. 3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 004 SEE 08 71 00	2/A650
G12	PR. 3'-6" X 8'-0"	ORNAMENTAL IRON	FACTORY FINISH	GROUP 004 SEE 08 71 00	2/A650

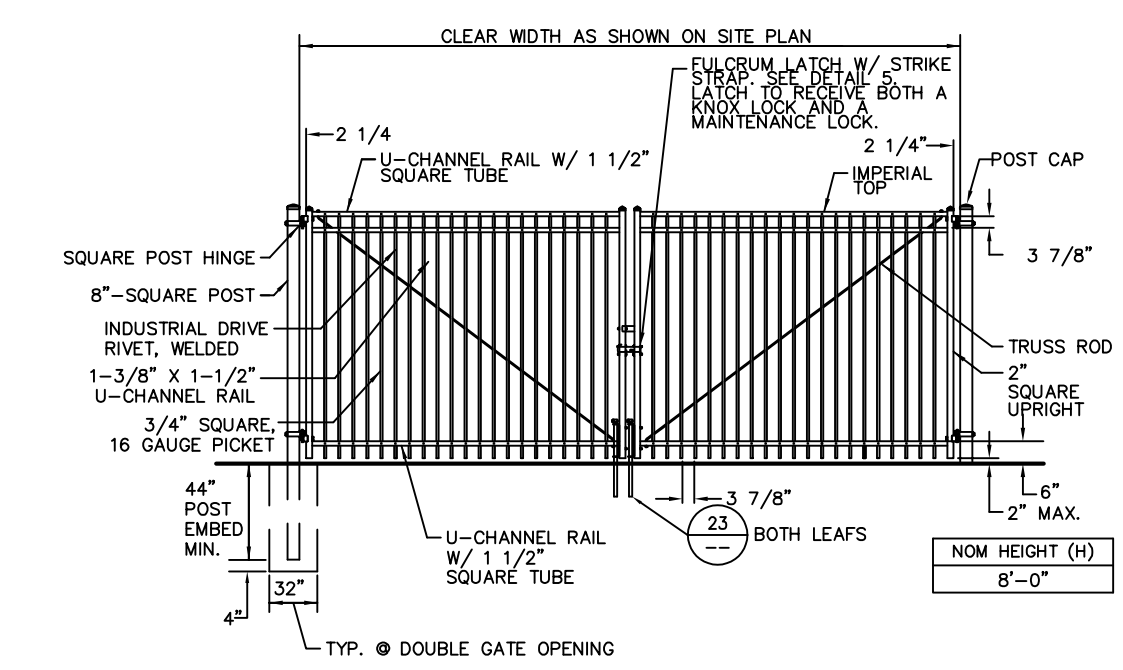
28 GATE SCHEDULE
 SCALE: N.T.S.



23 CANE BOLT
 SCALE: N.T.S.



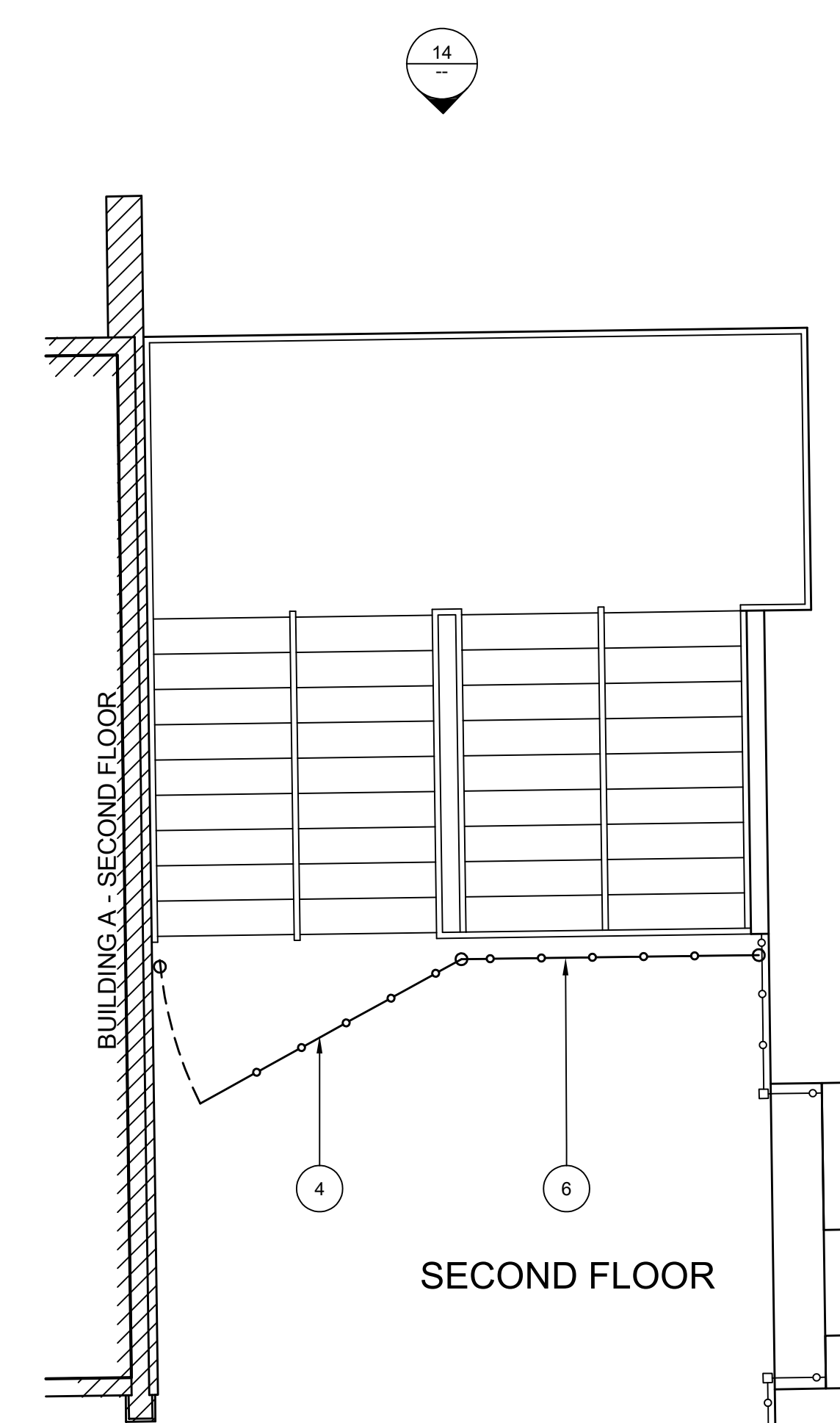
19 MAINTENANCE GATE - SINGLE
 SCALE: N.T.S.



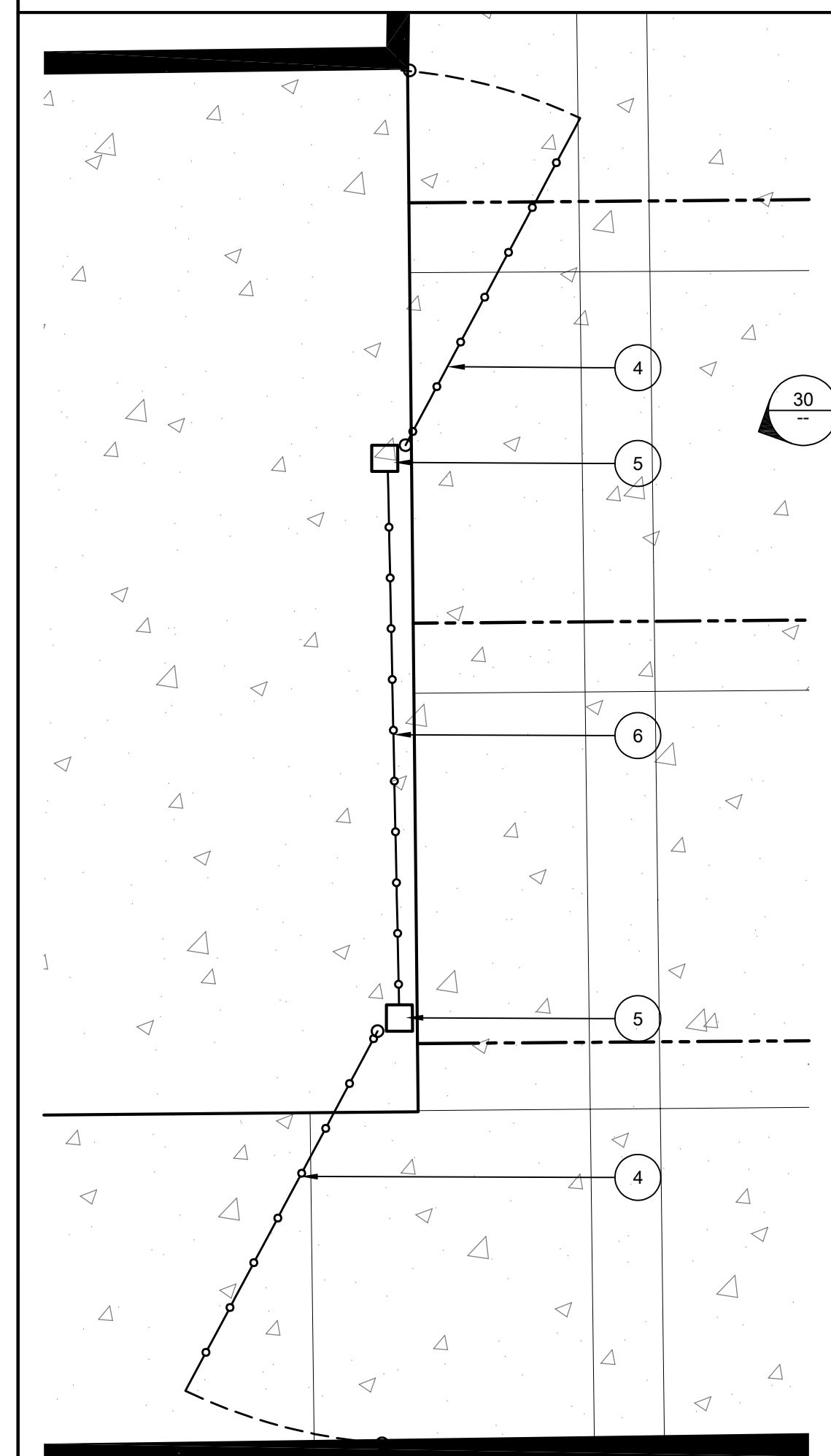
18 MAINTENANCE GATE - PAIR
 SCALE: N.T.S.



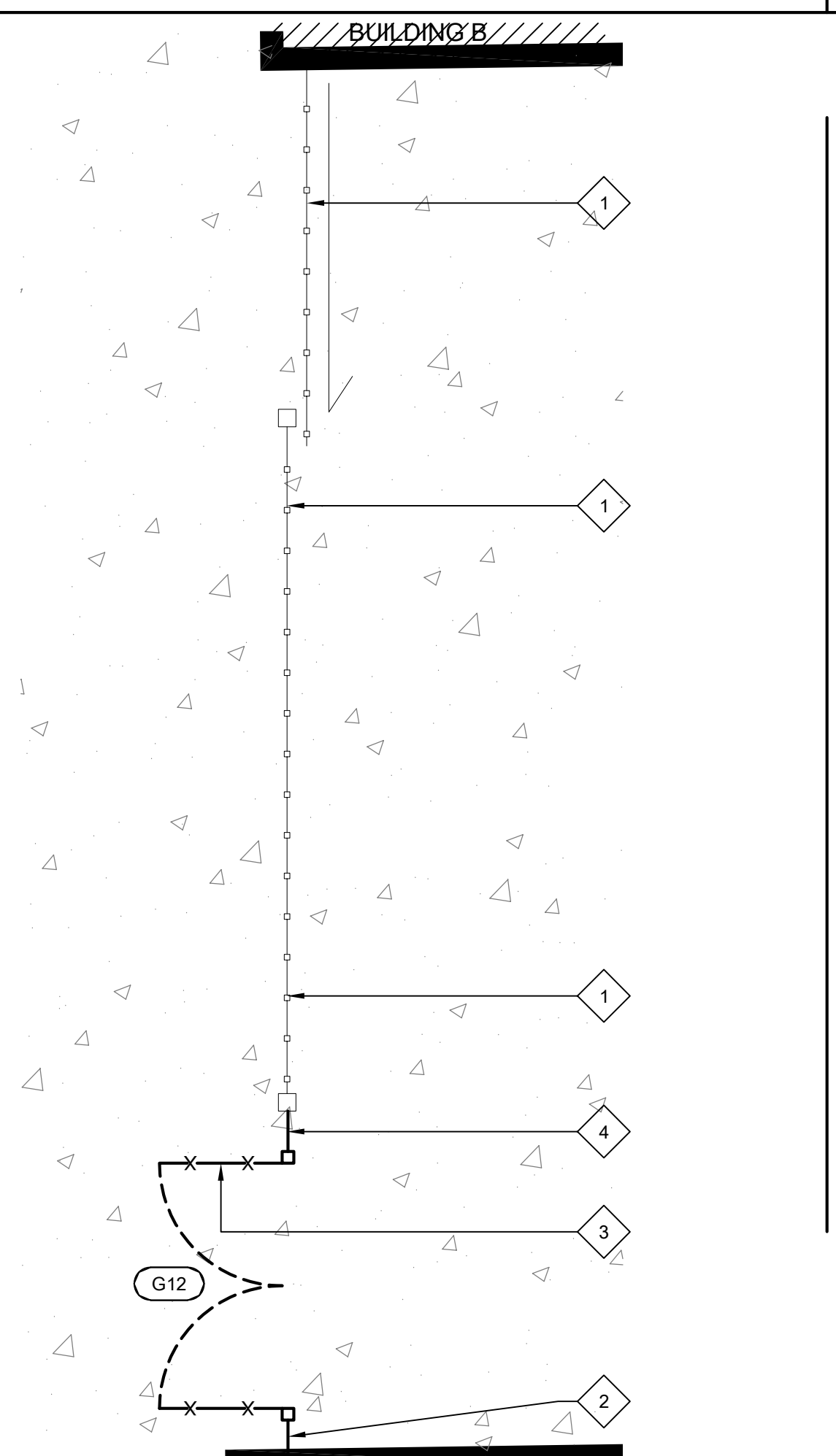
14 EXISTING GATE SITE PHOTO
 SCALE: N.T.S.



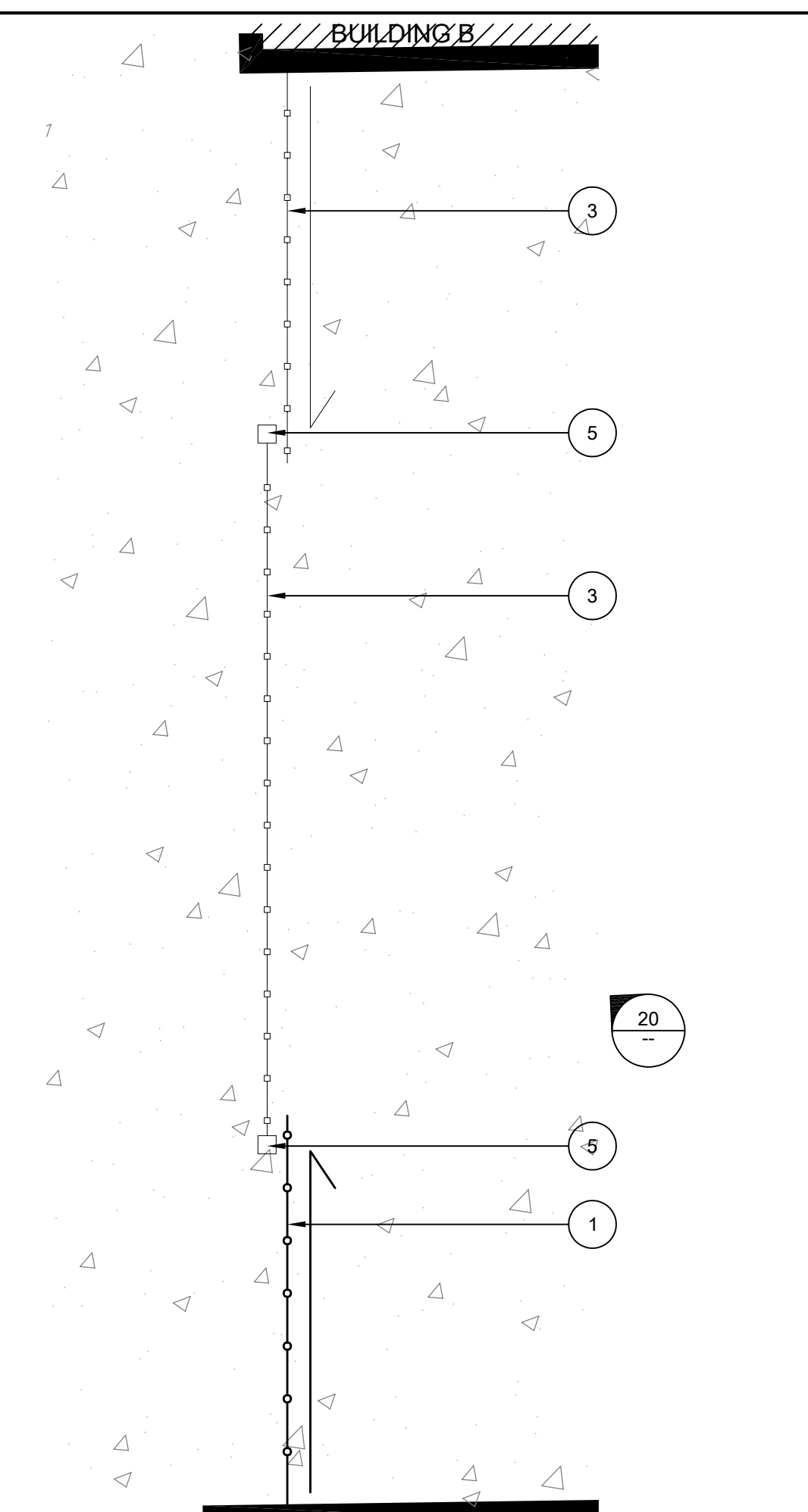
8 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"



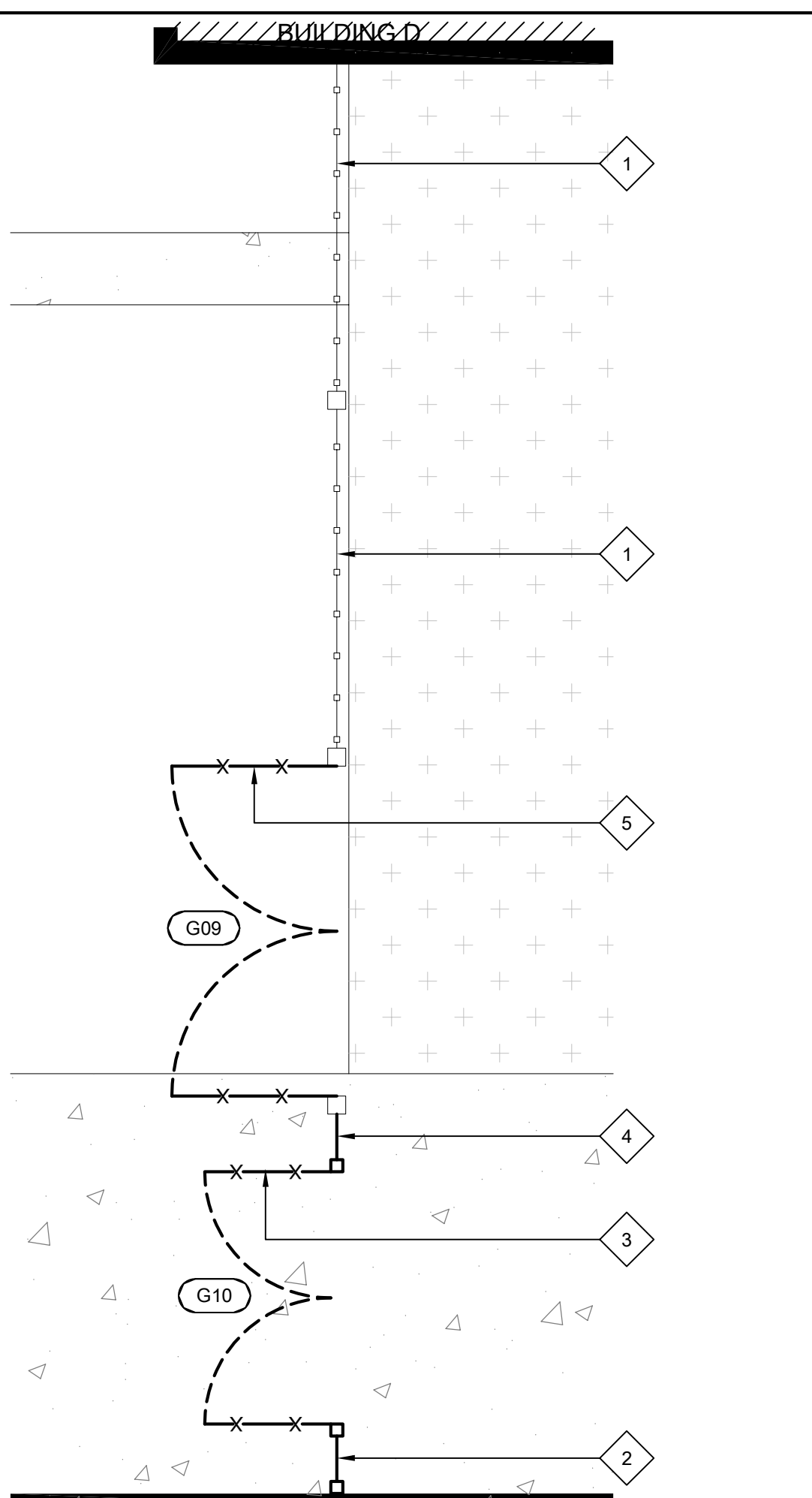
26 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"



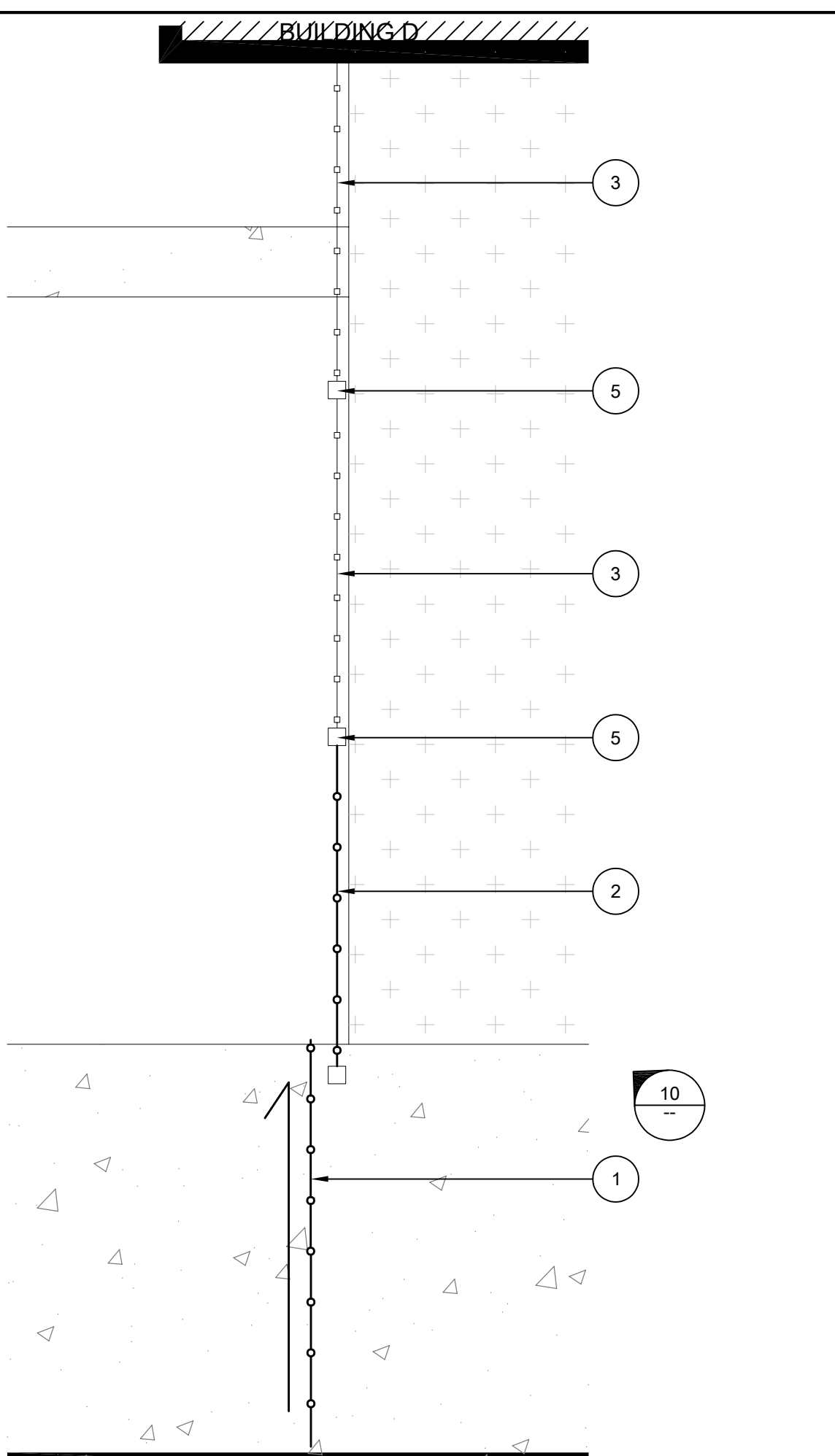
21 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"



20 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"



11 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"



10 ENLARGED SITE PLAN - GATES
 SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES:

1. PATCH AND REPAIR ALL SURFACES AND SUBSTRATES DAMAGED BY THE EXECUTION OF THE NEW WORK, TO AN ACCEPTABLE FINISHED CONDITION MATCHING ADJACENT SURFACES/FINISHES, AS REQUIRED.
2. AT ALL LOCATIONS WHERE NEW AND/OR EXISTING CONCRETE WILL BE USED FOR HEAVY BOGCAT PIVOTING OR TRACTOR TRAFFIC, CONTRACTOR SHALL PROTECT CONCRETE FINISH FROM TIRE TRACKS/DIRT MARKS AND POWER WASH ALL AFFECTED CONCRETE TO FULLY REMOVE TIRE MARKS/SKIDS.
3. CONTRACTOR SHALL COORDINATE EXISTING UNDERGROUND UTILITIES PRIOR TO DIGGING. SEE CIVIL DRAWINGS FOR LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITIES PRIOR TO EXCAVATION. HAND DIGGING WILL BE REQUIRED IN CONGESTED AREAS AND AROUND BUILDING AND CANOPY FOOTINGS. RESTORE AND DAMAGED BUILDINGS, BUILDINGS, SITE ELEMENTS, LANDSCAPE, IRRIGATION SYSTEMS, WALKS, OR CURBS TO MATCH EXISTING.
4. SEE CIVIL DRAWINGS FOR ADDITIONAL SCOPE AND DETAILS.
5. ALL NEW CONCRETE SITE WORK EXCLUDING RAMPS AND SLOPED WALKS SHALL BE LESS THAN 2% SLOPE IN ALL DIRECTIONS.

DEMOLITION KEYNOTES:

- KEYNOTES FOR THIS SHEET ONLY.
1. DEMO EXISTING TOP-HUNG SLIDING ORNAMENTAL IRON GATE. REMOVE EXISTING TRACK AND BRACKETS HUNG FROM STEEL DECKING. CLEAN OUT SLOT IN CONCRETE WHERE TAB FROM SLIDING-GATE WAS REMOVED AND INFILL WITH NON-SHRINK GROUT.
 2. DEMO EXISTING FIXED ORNAMENTAL IRON PANEL.
 3. EXISTING ORNAMENTAL IRON FENCING SYSTEM TO REMAIN. PRIME AND PAINT.
 4. DEMO EXISTING CHAIN LINK GATE AND SUPPORT POSTS. CUT ALL ANCHORS FLUSH WITH GRADE AND GRIND SMOOTH. FILL ANY CUT POST WITH GROUT.
 5. (E) METAL CANOPY COLUMN. PROTECT IN PLACE DURING CONSTRUCTION. CLEAN OFF ALL CONCRETE DEBRIS PRIOR TO PAINTING AS SHOWN IN EXTERIOR ELEVATIONS. AT COLUMNS WITH DOWNSPOUTS, PROTECT (E) DOWNSPOUT AND UNDERGROUND DRAINAGE IN PLACE.

ALTERATION KEYNOTES:

- KEYNOTES FOR THIS SHEET ONLY.
1. (E) FENCE TO REMAIN. PRIME AND PAINT.
 2. (N) ORNAMENTAL IRON FENCE CLOSURE "WING". SEE DETAIL 24. SEE SPEC SECTION 32 31 19.
 3. (N) DOUBLE-LEAF 42" ORNAMENTAL IRON PEDESTRIAN GATE - SEE A650 FOR GATE DETAILS. SEE SPEC SECTION 32 31 19 FOR ADDITIONAL INFO. CORE EXISTING CONCRETE AS REQUIRED FOR NEW POST FOOTING.
 4. (N) ORNAMENTAL IRON FENCE AND POSTS. SEE DETAIL 29 AND SPEC SECTION 32 31 19.
 5. (N) DOUBLE LEAF ORNAMENTAL IRON MAINTENANCE GATE. SEE DETAIL 18/A104 AND SPEC SECTION 32 31 19.

LEGEND:

- (GXX) GATE TAG - SEE GATE SCHEDULE ON DETAIL 28/A104.
- (E) FENCING TO REMAIN.
- (E) FENCING, FENCE POSTS, AND GATES TO BE REMOVED.
- X X X NEW ORNAMENTAL IRON FENCING, FENCE POSTS, AND GATES.
- - - NEW EXPANSION JOINTS PER 1/C.6.1.
- - - NEW CONTROL JOINTS PER 1/C.6.1.
- △ EXISTING CONCRETE WALK. PROTECT IN PLACE.
- △ EXISTING LANDSCAPING AREA. PROTECT IN PLACE.

AGENCY APPROVAL

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DATE: 06/19/2023
 JOB NO.: Y2243.00
 SHEET TITLE

ENLARGED SITE PLANS
 NEW WORK

SHEET NO.

A104

BID PACKAGE A

AGENCY APPROVAL

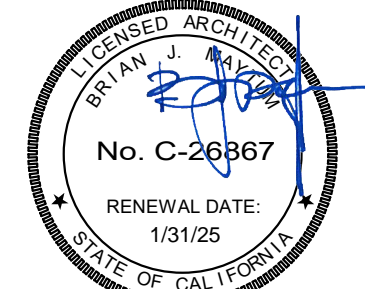
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REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023
3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023

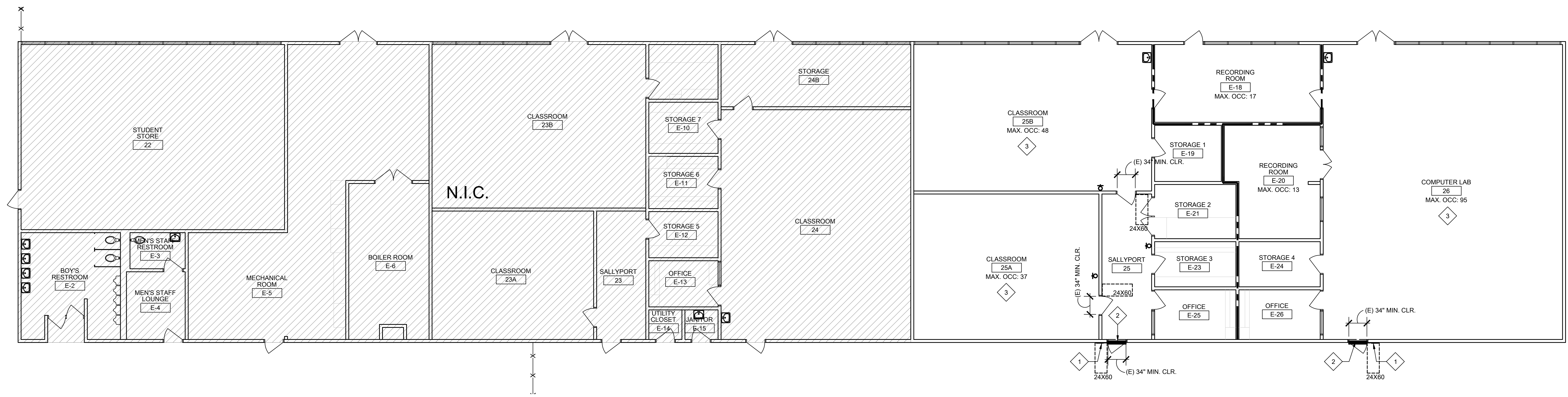
JOB NO.: Y2243.00

SHEET TITLE

FLOOR PLAN

SHEET NO.

A110



27 BUILDING E FLOOR PLAN
 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

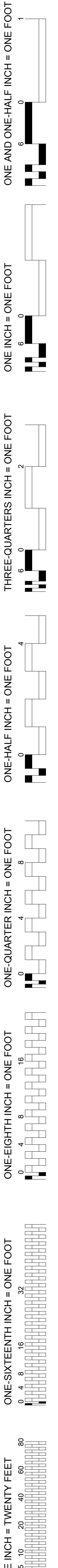
THESE NOTES APPLY TO THIS SHEET ONLY.
 1. WHERE NEW SIGNS ARE INDICATED ON PLANS TO BE PROVIDED, CONTRACTOR SHALL REMOVE ALL EXISTING ROOM ID SIGNS AND PROVIDE NEW AS INDICATED.

NEW WORK KEYNOTES:

- 1 NEW EXTERIOR ROOM ID SIGN. SEE DETAIL 13/A550.
- 2 NEW DOOR THRESHOLD PER DETAIL 7/A550.
- 3 PROVIDE NEW ALS SIGNAGE IN ROOM. SEE DETAIL 17/A550.

LEGEND:

- EXISTING FIRE EXTINGUISHER TO REMAIN.
- EXISTING DOOR TO REMAIN.
- AREA NOT IN SCOPE
- EXISTING 1-HOUR RATED WALL ASSEMBLY. AT AREAS WITH NEW DUCT PENETRATIONS, PATCH RATED WALL TO MAINTAIN FIRE RATING.



AGENCY APPROVAL

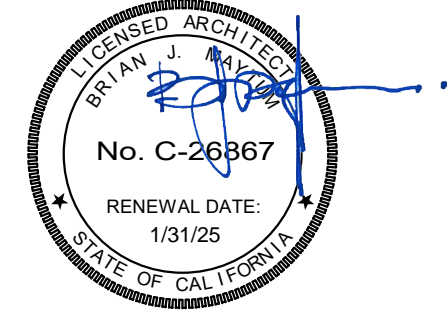
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 916.329.4000



ARCHITECT

CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023
3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023

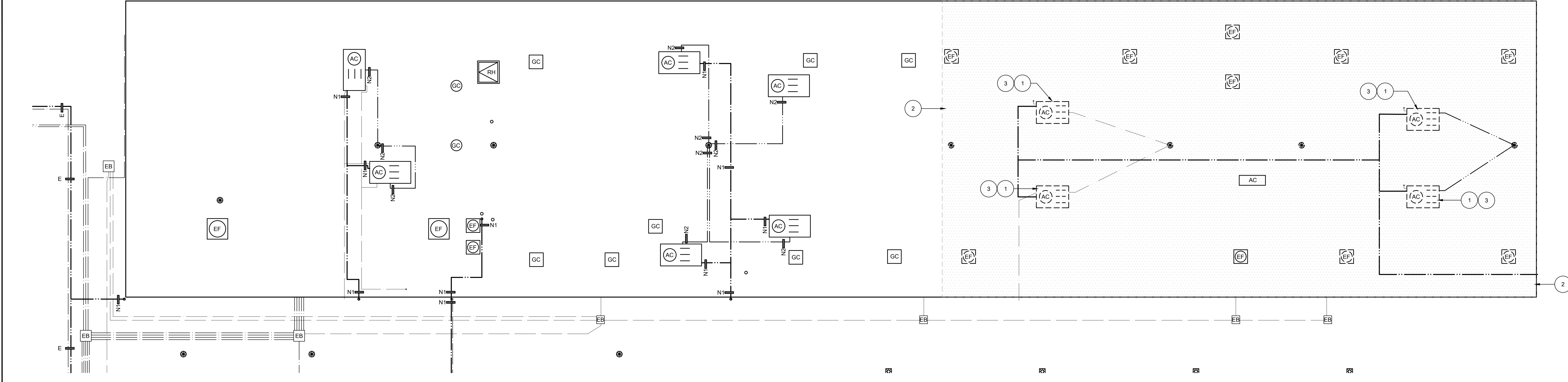
JOB NO.: Y2243.00

SHEET TITLE

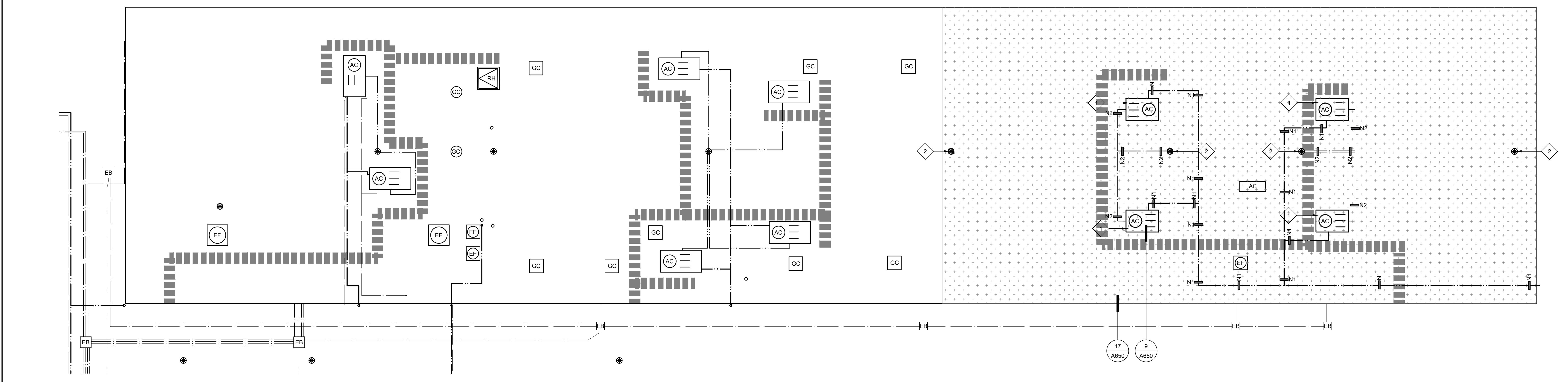
ROOF PLAN

SHEET NO.

A120



29 ROOF PLAN - DEMOLITION
 SCALE: 1/8" = 1'-0"



27 ROOF PLAN - ALTERATION
 SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES:

- EACH MECHANICAL WELL WILL RECEIVE (1) NEW CONVENIENCE OUTLET. SEE MECHANICAL DRAWINGS. CONTRACTOR SHALL PROVIDE FOR ROOF PENETRATION OF THIS EQUIPMENT INCLUDING NECESSARY ROOF JACKS FOR SINGLE PLY ROOFING.
- CONTRACTOR SHALL PROTECT ROOFING IN PLACE AND BE RESPONSIBLE FOR ANY DAMAGE.
- FOR REFRIGERANT AND CONDENSATE LINE ANCHORAGE - SEE DETAILS 21/A650.
- AT ALL NEW WALL PENETRATIONS IN SINGLE PLY MEMBRANE, CONTRACTOR SHALL SEAL ALL AROUND. ADDITIONALLY, CONTRACTOR SHALL PROVIDE A SINGLE PLY HOOD OVER ELECTRICAL BOX, DISCONNECT, ETC. TO PREVENT WATER INFILTRATION BEHIND EQUIPMENT. FULLY WELD ALL AROUND TO WALL MEMBRANE.
- PROVIDE NEW FIXED ROOF BLOCKS AT NEW LOCATIONS AS SHOWN ON PLAN. MAX. DISTANCE TO BE 20' O.C. FROM EACH FIXED BLOCK.
- PROVIDE (N) FLOATING BLOCKS (DETAIL 9/A650 SIM.) AT ALL NEW UTILITIES ON ROOFS INCLUDING BUT NOT LIMITED TO ELECTRICAL CONDUITS, GAS PIPING, MECH. CONDUITS, CONDENSATE LINES, AND ROOF TOP DUCTWORK. 5'-0" MAXIMUM SPACING ALONG RUNS AND 2'-0" MAXIMUM FROM ENDS.
- INSTALL T-PATCH JOINT COVERS AT ALL SPLICE INTERSECTIONS WHERE SINGLE PLY SHEETS MEET.
- WATER TEST ALL DRAINS PRIOR TO ALTERATION WORK TO CONFIRM THAT THE LINES ARE CLEAN AND THE PLUMBING IS NOT LEAKING. KEEP ALL DRAIN PLUGS CLEAR OF CONSTRUCTION DEBRIS WITH BYPASS PLUGS.

DEMOLITION KEYNOTES:

- ALL KEYNOTES MAY NOT BE USED.
- DEMOLISH EXISTING HVAC UNIT AND ALL ATTACHED ELECTRICAL AND LOW VOLTAGE FLEX WHIPS. DISCONNECT GAS PIPING AND REROUTE TO NEW HVAC UNIT. DEMO EXISTING CONDENSATE LINE, RAISED HVAC CURBS (BLOCKINGS, FLASHING, CANTS, ETC.) AND PATCH ROOFING WHERE UNIT IS REMOVED.
 - DEMOLISH EXISTING BUILT UP ROOFING SYSTEM AND EXISTING PERLITE AS REQUIRED WHERE HVAC UNIT IS REMOVED AND AROUND NEW HVAC UNITS AT ABANDONED CURBS. REMOVE ROOFING AND PREP TO RECEIVE NEW SINGLE PLY ROOFING.
 - DEMOLISH ABANDONED HVAC CURBS INCLUDING, BUT NOT LIMITED TO ALL BLOCKING, GSM, CANTS, FLASHING, ETC.

KEYNOTES:

- ALL KEYNOTES MAY NOT BE USED.
- (N) HVAC UNIT ON MECHANICAL CURB. SEE LEGEND FOR ADDITIONAL INFO. COORDINATE WORK WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL.
 - NEW CAST IRON DRAIN STRAINER AND CLAMP RING ON NEW DRAIN BODY.

ROOF PLAN DEMOLITION LEGEND:

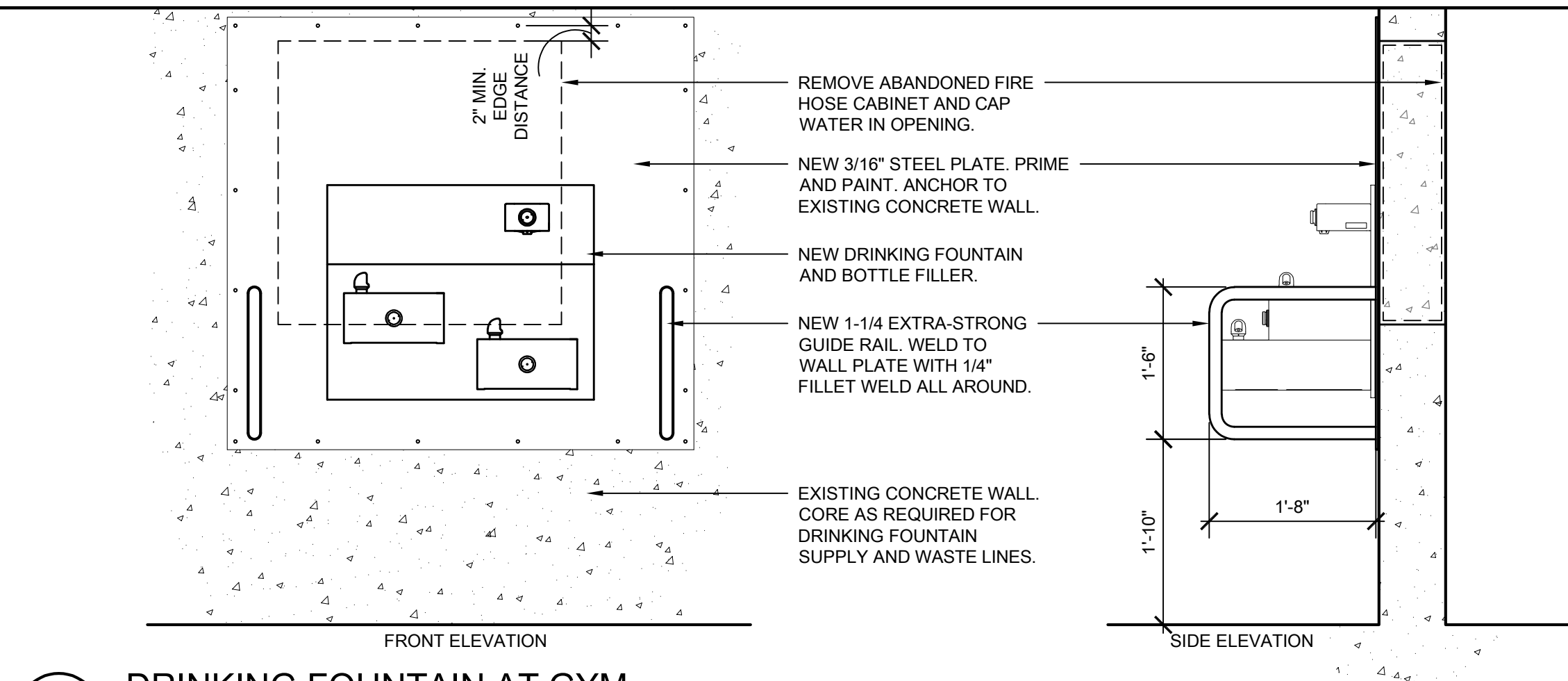
- DEMO ELECTRICAL CONDUIT AND FLOATING ROOF BLOCKS.
- DEMO GAS PIPING AND ALL RELATED BLOCKS.
- DEMO CONDENSATE PIPING PER DETAIL AND ALL RELATED BLOCKS.
- DEMO (AC) HVAC UNIT AND ALL ATTACHED ELECTRICAL AND LOW VOLTAGE FLEX WHIPS. DISCONNECT GAS PIPING AND REROUTE TO NEW HVAC UNIT. DEMO EXISTING CONDENSATE LINE. ABANDON RAISED HVAC CURBS IN PLACE. PATCH EXISTING SINGLE PLY ROOFING WHERE UNIT IS REMOVED.
- REMOVE (E) ROOF SYSTEM DOWN TO CONCRETE OVER METAL PAN DECKING STRUCTURE. ROOF IS COMPOSED OF:
 - MULTI-PLY BUR WITH GRANUL SURFACED CAP SHEET OVER
 - 1/2" PERLITE COVERBOARD OVER
 - LIGHTWEIGHT CONC. OVER METAL PAN DECKING (STRUCTURE).
- DEMO (E) EXHAUST FAN AND ALL RELATED DUCTS.
- DEMO EXISTING DRAIN STRAINER, DRAIN BODY, AND ALL OTHER REQUIRED ITEMS TO PERFORM INSTALLATION OF NEW DRAIN BODIES.

ROOF PLAN ALTERATION LEGEND:

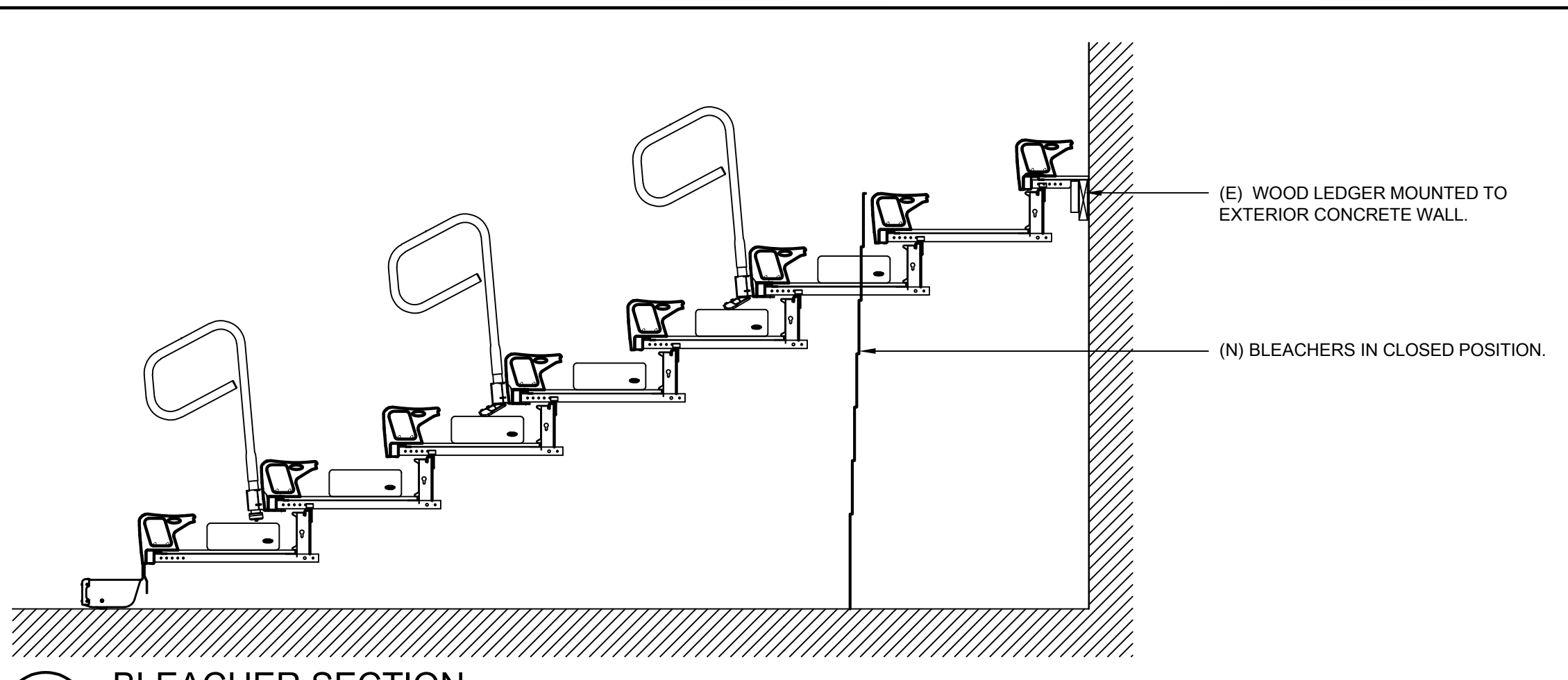
- (N) ELECTRICAL CONDUIT. SEE PLAN FOR LOCATIONS OF (N) ANCHORED/ADHERED BLOCKS. IN ADDITION, PROVIDE NEW FLOATING ROOF BLOCKS AT 6'-0" O.C. ALONG TOTAL LENGTH OF ALL CONDUITS.
- NEW GAS PIPING ON NEW ANCHORED/ADHERED BLOCKS. IN ADDITION, PROVIDE NEW FLOATING ROOF BLOCKS AT 6'-0" O.C. ALONG TOTAL LENGTH OF ALL PIPE. PAINT WITH URETHANE PAINT.
- NEW GALVANIZED CONDENSATE PIPING PER DETAIL. SEE PLAN FOR NEW ADHERED BLOCKS. IN ADDITION, PROVIDE NEW FLOATING ROOF BLOCKS AT 6'-0" O.C. ALONG TOTAL LENGTH OF ALL PIPE.
- (N) HVAC UNIT WITH (N) ROOF CURB AND NEW GSM SKIRT PER DETAIL 9/A650. CONNECT TO REROUTED GAS PIPING. INSTALL (N) ELECTRICAL CONNECTIONS AND CONDENSATE LINE. COORDINATE (N) PENETRATIONS WITH STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.
- NEW ROOFING SYSTEM CONSISTING OF:
 - FULLY ADHERED FLEECE BACKED TPA SINGLE-PLY IN WATER BASED ADHESIVE OR HOT ASPHALT OVER
 - FULLY ADHERED 1/2" DENS-DECK PRIME IN LOW RISE FOAM ADHESIVE OVER
 - LIGHTWEIGHT CONCRETE OVER METAL PAN DECKING (STRUCTURE).

- EB (E) ELECTRICAL PULL BOX TO REMAIN.
- EP EXISTING EXHAUST FAN TO REMAIN.
- N1 NEW ANCHORED ROOF BLOCK. SEE DETAIL 9/A650.
- N2 NEW ADHERED ROOF BLOCK. SEE DETAIL 7/A650.
- NEW CAST IRON DRAIN STRAINER AND CLAMP RING ON NEW DRAIN BODY.

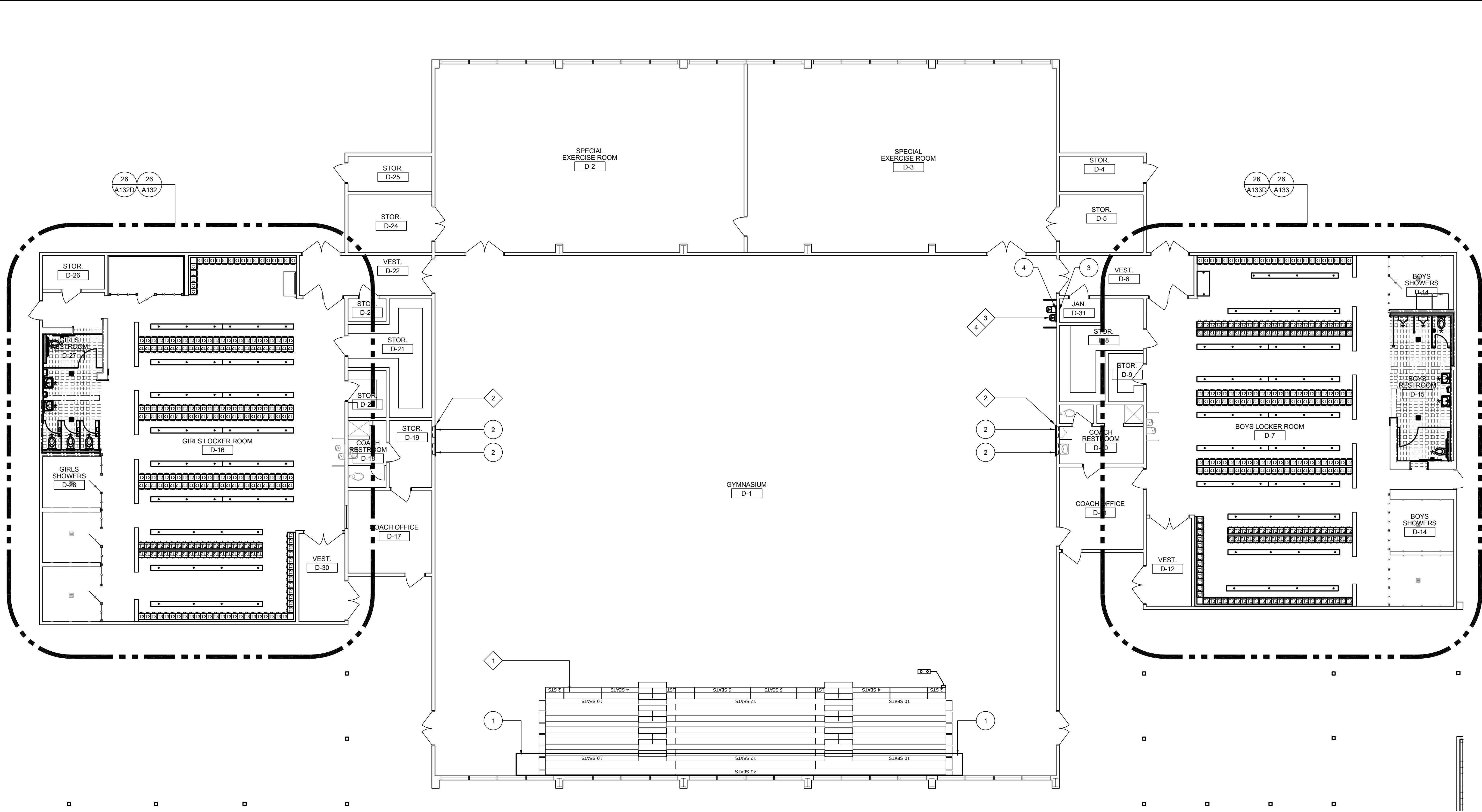
ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
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ONE-QUARTER INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET



20 DRINKING FOUNTAIN AT GYM
SCALE: 3/4" = 1'-0"



10 BLEACHER SECTION
SCALE: 1/2" = 1'-0"



26 BLDG D OVERALL FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:
THESE NOTES APPLY TO THIS SHEET ONLY.

- SEE FLOORING AND PAINTING PACKAGE FOR ADDITIONAL SCOPE AND GENERAL INFORMATION REGARDING WALL FINISHES AND EXISTING CONDITIONS.
- PROTECT BRAND NEW WOOD SPORTS FLOOR. FLOOR SHALL BE COMPLETELY COVERED WITH NON-MARRING COVERBOARD THROUGHOUT EXECUTION OF NEW WORK. THOROUGHLY CLEAN FLOOR PRIOR TO INSTALLING COVERBOARD AND DIRECTLY AFTER REMOVAL.
- PATCH AND REPAIR ALL SURFACES AND SUBSTRATES DAMAGED BY THE EXECUTION OF THE NEW WORK TO AN ACCEPTABLE FINISHED CONDITION MATCHING ADJACENT SURFACES/FINISHES AS REQUIRED.

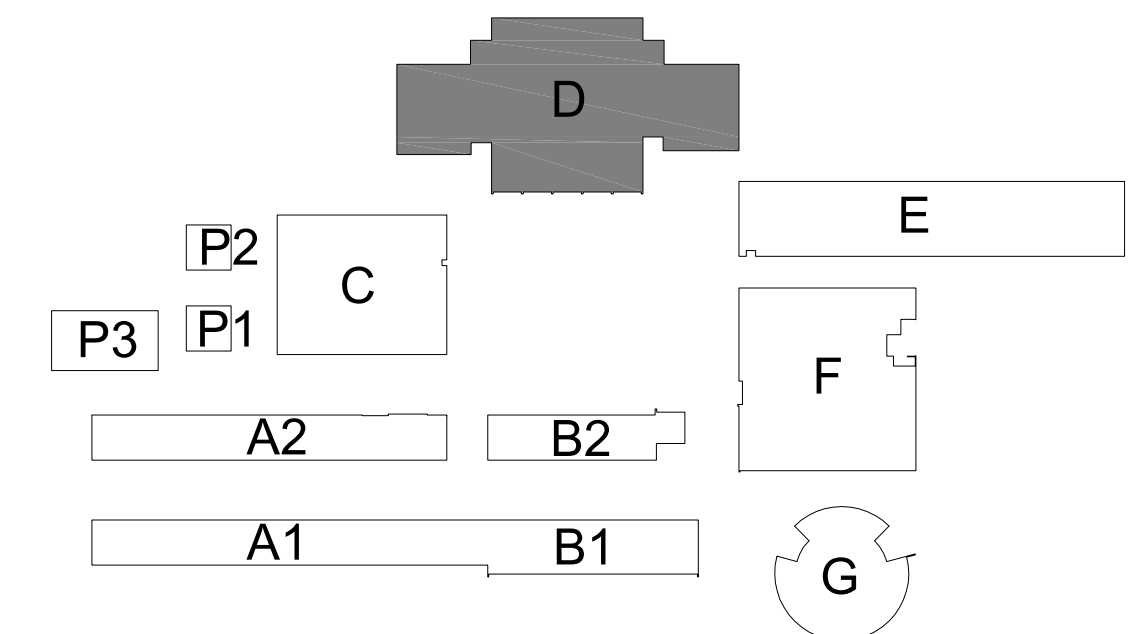
DEMOLITION KEYNOTES:
ALL KEYNOTES MAY NOT BE USED ON THIS SHEET.

- 1 DEMO EXISTING POWERED BLEACHER SYSTEM BACK. EXISTING WOOD WALL LEDGER TO REMAIN.
- 2 DEMO EXISTING RECESSED IN-WALL PORCELAIN DRINKING FOUNTAIN. PERMANENTLY CAP ALL UTILITIES IN WALL CAVITY.
- 3 REMOVE EXISTING MOP SINK, AND WALL FINISHES AS REQUIRED TO EXTEND WATER SUPPLY AND WASTE LINES FROM NEW HI-LOW DRINKING FOUNTAIN. CLEANLY CORE CONCRETE WALL WITH SMALLEST HOLE POSSIBLE.
- 4 REMOVE EXISTING ABANDONED FIRE HOSE CABINET, CAP WATER SUPPLY IN WALL AND PROVIDE ACCESS PANEL.

NEW WORK KEYNOTES:
ALL KEYNOTES MAY NOT BE USED ON THIS SHEET.

- 1 NEW BLEACHER SYSTEM. SEE DETAIL 10, PC DRAWINGS, AND SPEC SECTION 12 66 13.
- 2 NEW 1/8" STEEL PLATE. SIZE AS REQUIRED TO COVER HOLES IN WALL FROM REMOVED DRINKING FOUNTAIN. SET IN FULL BED OF SEALANT AND ANCHOR TO WALL WITH 1/4" TAPCONS ANCHORS AT 12" O.C. AROUND PERIMETER.
- 3 NEW ACCESSIBLE HI-LOW DRINKING FOUNTAIN WITH BOTTLE FILLER. ANCHOR TO EXISTING CONCRETE WALL. PROVIDE WALL MOUNTED GUIDE RAILS PER DETAIL 20.
- 4 NEW 3/16" THICK STEEL PLATE. SIZE AS REQUIRED TO COVER HOLES IN WALL FROM REMOVED FIRE HOSE CABINET AND TO ENCOMPASS THE NEW DRINKING FOUNTAIN. SET IN FULL BED OF SEALANT AND ANCHOR TO WALL WITH 1/4" X 2-1/4" LONG TAPCONS ANCHORS AT 12" O.C. AROUND PERIMETER.

KEYPLAN:



AGENCY APPROVAL

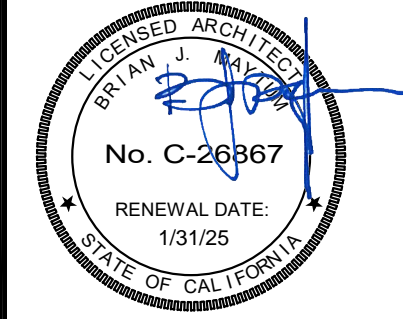
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ARCHITECT

CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

DATE: 06/19/2023
JOB NO.: Y2243.00
SHEET TITLE

BLDG D
OVERALL
FLOOR PLAN

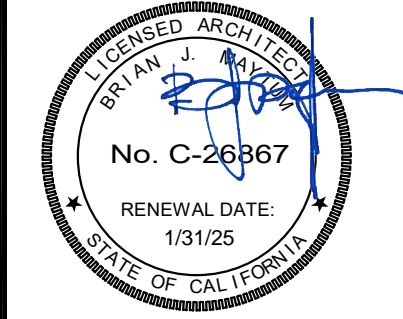
SHEET NO.

A131

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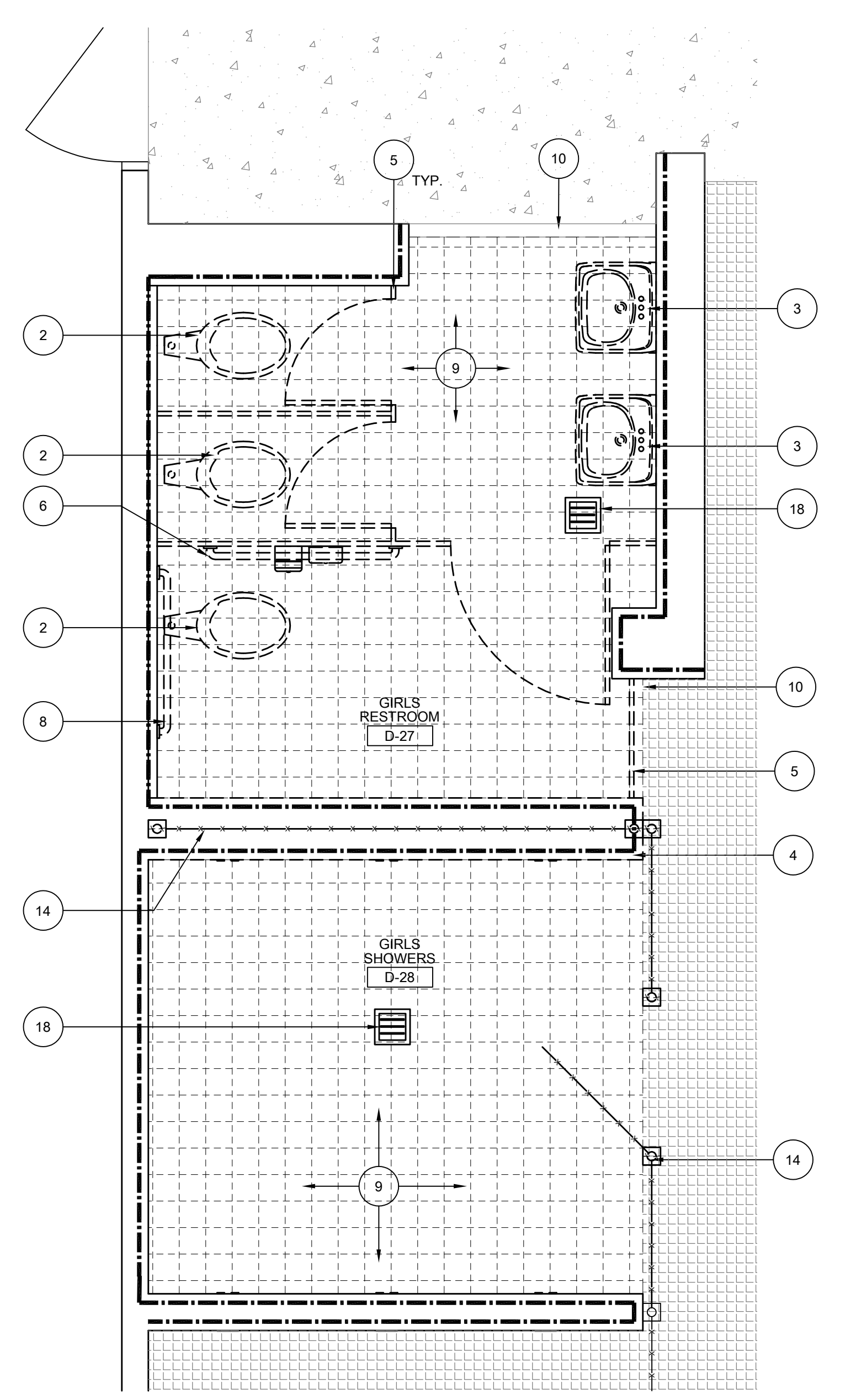
ARCHITECT CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

DATE: 06/19/2023
JOB NO.: Y2243.00
SHEET TITLE

ENLARGED GIRLS LOCKER ROOM DEMOLITION PLAN

SHEET NO. A132D

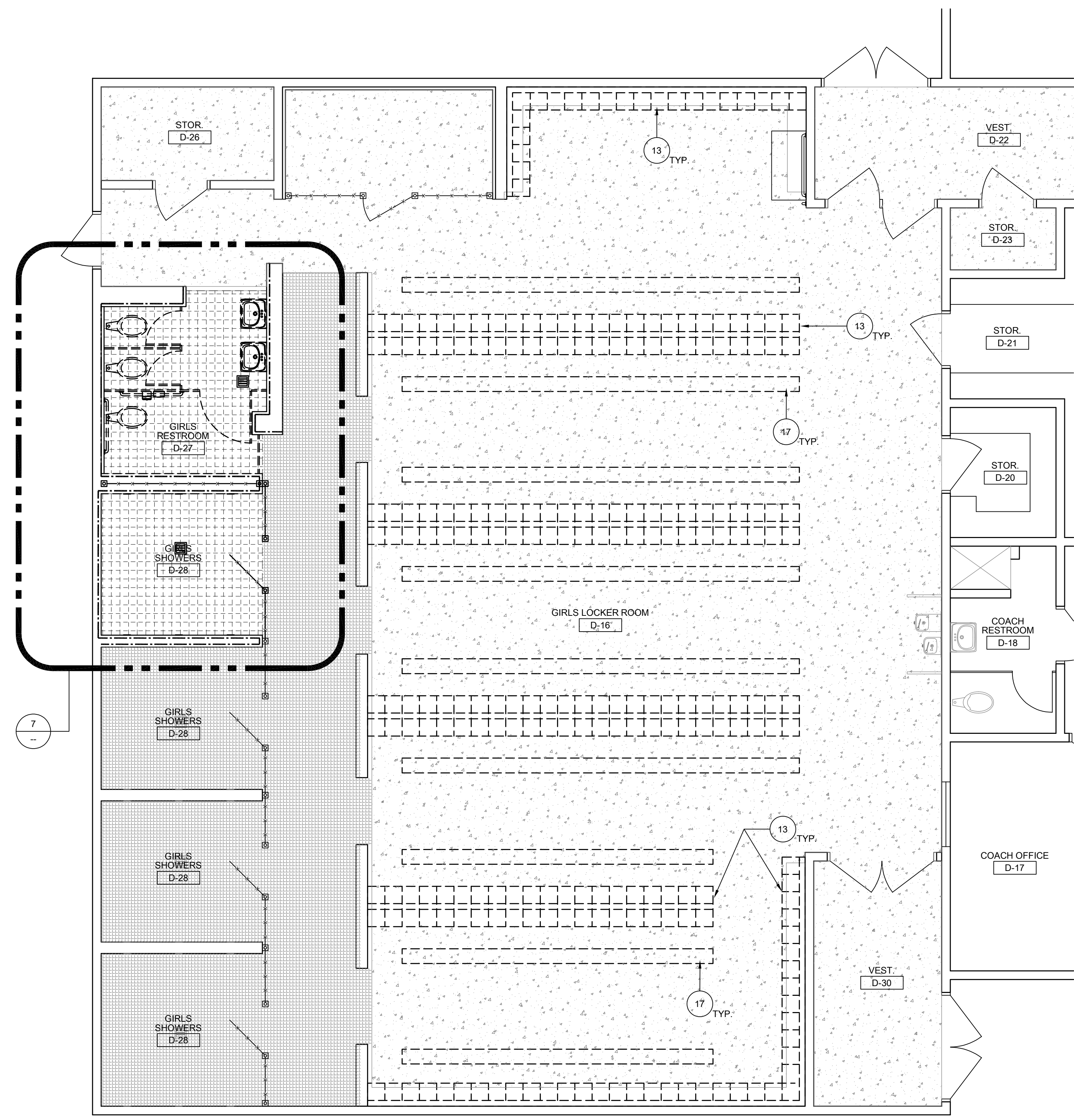
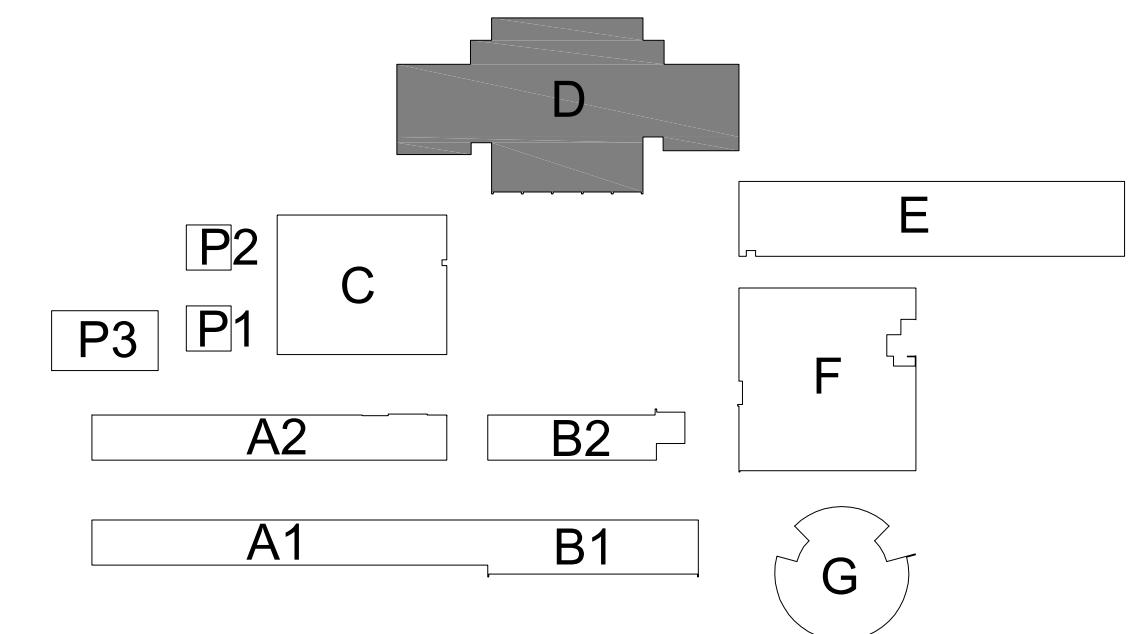


7 ENLARGED TOILET DEMOLITION PLAN
SCALE: 1/2" = 1'-0"

LEGEND:
ALL LEGEND ITEMS MAY NOT BE USED ON THIS SHEET.

- (E) PORCELAIN FLOOR TILE TO REMAIN. PROTECT IN PLACE.
- DEM (E) PORCELAIN TILE FLOORING, COVERED TILE BASE, MORTAR BED, AND STRUCTURAL SLAB DOWN TO GRAVEL BASE.
- (E) WORK TO BE DEMOLISHED
- EXISTING CERAMIC TILE OVER CONCRETE PLASTER TO SUBSTRATE TO BE REMOVED TO FACE OF STUDS FROM FLOOR TO CEILING. PROVIDE NEW CERAMIC WALL TILE WAINSCOT OVER NEW 5/8" GYP. GREEN BOARD. CONTRACTOR SHALL FURR OUT GYP. BOARD SO THAT FINISH FACE OF GYP. BOARD MATCHES FACE OF EXISTING COVERED BASE.
- EXISTING FRP OR PLYWOOD WALL TO BE REMOVED.
- DEM (E) URINAL - CUT AND CAP UNUSED LINE. SEE PLUMBING DRAWINGS.
- DEM (E) TOILET - CUT AND CAP UNUSED LINE. SEE PLUMBING DRAWINGS.
- DEM (E) LAVATORY, MIRROR, AND SOAP DISPENSER. CUT AND CAP UNUSED LINES. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- DEM INTERIOR PARTIAL HEIGHT WALL AND FOOTING. AT WALLS WITH PLUMBING, REMOVE OR CAP UNUSED LINES. SEE PLUMBING DRAWINGS.
- DEM (E) TOILET PARTITION SYSTEM AND ALL ATTACHED TOILET ACCESSORIES. PATCH AND REPAIR WALL AT ABANDONED MOUNTING LOCATIONS.
- DEM EXISTING TOILET ACCESSORIES, INCLUDING, BUT NOT LIMITED TO: TOILET PAPER DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, AND TOILET SEAT COVER DISPENSER. WHERE ATTACHED TO WALL, REMOVE ANCHORS AND BEST PATCH TO MATCH EXISTING ADJACENT SURFACE.
- NOT USED.
- DEM (E) LOCKERS. REMOVE ALL RELATED ANCHORAGE AND ATTACHMENTS. CONCRETE CURBS TO REMAIN IN PLACE. CLEAN CONCRETE CURBS THOROUGHLY FROM DEBRIS AND PREP FOR NEW LOCKERS.
- DEM PORTION OF CHAIN LINK FENCING. REMOVE ALL POSTS AND ANCHORED SUPPORTS AND PATCH FLOORING AND WALL WHERE REMOVED. PATCH TO BEST MATCH EXISTING ADJACENT SURFACE. REMOVE POLES WHERE NEEDED TO COMPLETE NEW WORK AND REINSTALL.
- NOT USED.
- DEM (E) SHOWER AND RELOCATE EXISTING WASHER AND DRYER TO NEW LOCATION. EXISTING SLAB CONTAINS HYDRONIC LINES. CUT AND CAP LINES BELOW FINISH FLOOR WHERE LINES EXIT AREA OF WORK.
- DEM EXISTING WOOD BENCH TOP. REMOVE ALL RELATED SCREWS AND BOLTS AND OTHER ANCHORAGE ELEMENTS. BENCH SUPPORTS TO REMAIN AND TO BE REUSED FOR NEW BENCHES. CLEAN/POLISH METAL BENCH SUPPORTS.
- DEM (E) F.D., P-TRAP. PROVIDE NEW RAISED F.D., P-TRAP, AND (N) CONCRETE WITH 2% MAX. SLOPE TO DRAIN.
- EXISTING PARTIAL HEIGHT WALL TO REMAIN. REMOVE FINISHES AS SHOWN. REMOVE EXISTING CAPPED SHOWERS. REPLUMB AS REQUIRED FOR NEW EQUIPMENT.
- REMOVE PORTION OF EXISTING BENCH AND SUPPORT LEGS AS REQUIRED FOR ACCESSIBLE CLEARANCES SHOWN ON ALTERATION PLAN. REINSTALL EXISTING SUPPORT LEG AT NEW END OF BENCH.

KEYPLAN:



26 ENLARGED GIRLS LOCKER ROOM DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:
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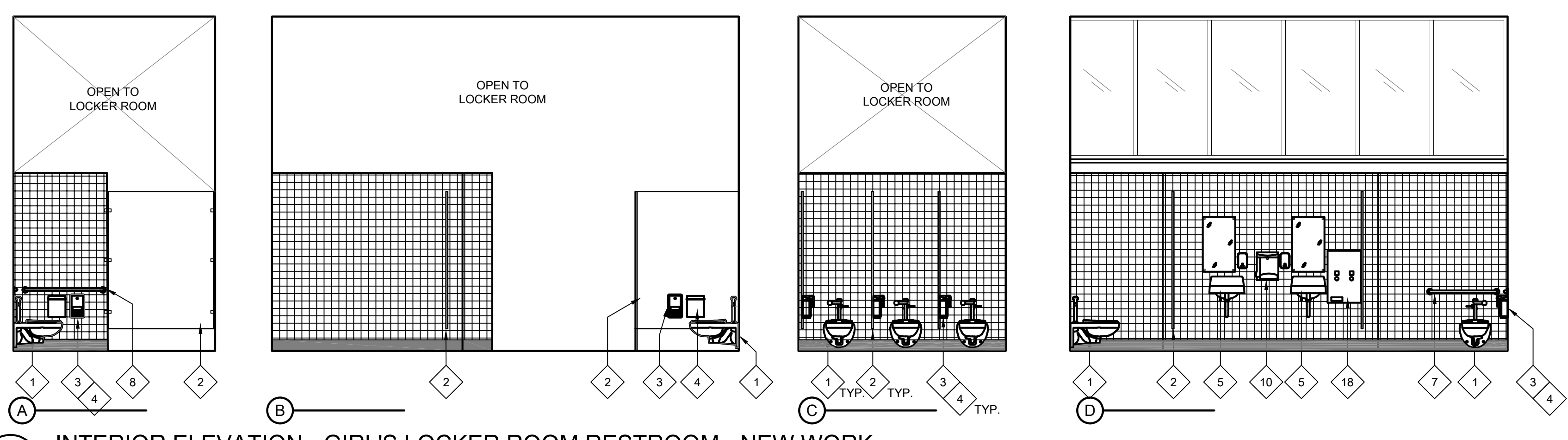
- 1. U.O.N. ALL (N) PLUMBING FIXTURES AND VALVES SHOWN SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR. OWNER HAS SALVAGE RIGHTS TO REMOVED VALVES, FAUCETS, AND FIXTURES. CONTRACTOR SHALL DISPOSE OF ALL EQUIPMENT NOT SALVAGED BY DISTRICT.
- 2. AT (N) FIXTURES ALONG PLUMBING CHASE WALLS, CONTRACTOR REQ'D TO REMOVE LARGE PORTIONS OF FRAMING AND REPLACE ONCE PLUMBING WORKS COMPLETE.
- 3. ALL (E) WALL ACCESSORIES SHALL BE PROTECTED DURING DEMOLITION AND ACCOMMODATED IN (N) WALL FINISH WORK TO MAINTAIN FUNCTION. PROVIDE (N) STAIN-LESS STEEL SWITCH PLATES AND DUPLEX OUTLET PLATES TYP. THROUGHOUT.
- 4. CAULK NEW PLUMBING FIXTURES TO WALL WITH HIGH GRADE SILICON BASED SEALANT (COLOR WHITE).
- 5. AT WET LOCATIONS AND BEHIND CERAMIC TILE, PROVIDE 5/8" WATER RESISTANT GREEN BOARD. CONTRACTOR SHALL ADJUST SPUD AS REQ'D FOR (N) WALL FINISH SURFACE ELEVATION. AT LOCATIONS WHERE SPUDS ARE FROZEN IN PLACE, CONTRACTOR SHALL CHIP OUT SPUD AND REPLACE.
- 6. CONTRACTOR SHALL FLOAT ALL (E) GYP. BOARD/PLASTER CEILING SURFACES - SEE SPEC SECTION 09 21 16 FOR FINISH LEVEL. REMOVE AND REINSTALL CEILING MOUNTED EQUIPMENT AS REQ'D.
- 7. WHERE (N) SIGNAGE IS INDICATED ON PLANS TO BE PROVIDED, CONTRACTOR SHALL REMOVE ALL (E) TOILET ROOM SIGNAGE AND PROVIDE (N) AS INDICATED.
- 8. ACCESSIBLE COMPARTMENTS SHALL PROVIDE A TOE CLEARANCE OF 12" MIN. ABOVE FLOOR (11B-604.8.1.4).
- 9. AT THE END OF EACH CONSTRUCTION PHASE, IN THE PRESENCE OF INSPECTOR, CAMERA ALL SANITARY SEWER LINES TO A DISTANCE OF 100FT OR NEAREST EXTERIOR CLEAN OUT, WHICHEVER IS FURTHER. IF DEBRIS IS FOUND IN LINE, CONTRACTOR SHALL AUGER LINE. AFTER AUGERING, LINE SHALL BE CAMERAD AGAIN TO CONFIRM THE DEBRIS HAS BEEN REMOVED FROM PIPE. CAMERAS SHALL BE DIGITALLY RECORDED AND PROVIDED TO THE DISTRICT ON A DVD OR FLASH DRIVE. CAMERA DEVICES SHALL BE CAPABLE OF DIRECTLY RECORDING INFO. SECONDARY DEVICES SHALL NOT BE ACCEPTED. AUDIO VOICE SHALL BE RECORDED DURING EACH INSPECTION BY THE OPERATING TECHNICIAN AND SHALL INCLUDE SEWER LOCATION, IDENTIFICATION OF START AND END POINTS OR CLEANOUTS MEASUREMENT FOR LOCATION OF DEFECTS AND ACTUAL LENGTH OF PIPE SHALL BE BY MEANS OF A CALIBRATED METER ON THE CAMERA WITH A DIGITAL READOUT ON THE VIDEO MONITOR. IN ORDER TO MEASURE ANY SAGS OR BELLIES IN PIPE, CAMERA SHALL BE EQUIPPED WITH A MEASURING DEVICE CAPABLE OF ACCURATELY MEASURING THE DEPTH OF STANDING WATER UP TO 3".
- 10. PROVIDE WATER HAMMER ARRESTORS AT ALL NEW AND EXISTING PLUMBING FIXTURE LINES. SIZE AND SPACE PER SPEC SECTION 22 10 00-2.05 AND 3.09.
- 11. SEE SHEET 26/A550 FOR ALL EQUIPMENT MOUNTING HEIGHTS.
- 12. AT ALL INTERIOR WALLS/CEILINGS WHERE (E) FINISH IS DEMO'D, PROVIDE (N) BATT INSULATION IN ALL STUD CAVITIES PRIOR TO PLACEMENT OF (N) WALL FINISHES.

DEMOLITION KEYNOTES:
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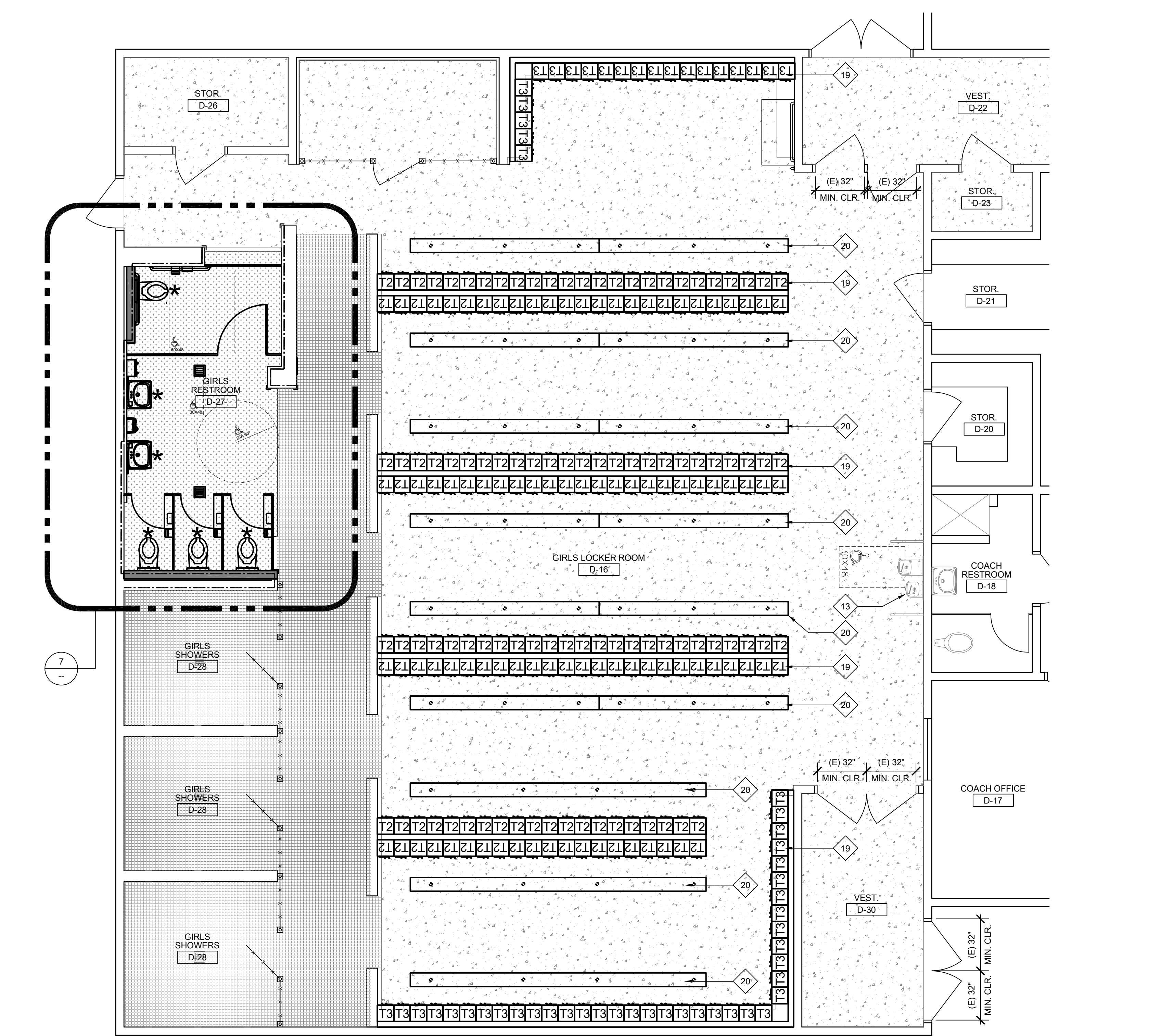
- 13. DEMO (E) LOCKERS. REMOVE ALL RELATED ANCHORAGE AND ATTACHMENTS. CONCRETE CURBS TO REMAIN IN PLACE. CLEAN CONCRETE CURBS THOROUGHLY FROM DEBRIS AND PREP FOR NEW LOCKERS.
- 14. DEMO PORTION OF CHAIN LINK FENCING. REMOVE ALL POSTS AND ANCHORED SUPPORTS AND PATCH FLOORING AND WALL WHERE REMOVED. PATCH TO BEST MATCH EXISTING ADJACENT SURFACE. REMOVE POLES WHERE NEEDED TO COMPLETE NEW WORK AND REINSTALL.
- 15. NOT USED.
- 16. DEMO EXISTING WOOD BENCH TOP. REMOVE ALL RELATED SCREWS AND BOLTS AND OTHER ANCHORAGE ELEMENTS. BENCH SUPPORTS TO REMAIN AND TO BE REUSED FOR NEW BENCHES. CLEAN/POLISH METAL BENCH SUPPORTS.
- 17. DEMO (E) F.D., P-TRAP. PROVIDE NEW RAISED F.D., P-TRAP, AND (N) CONCRETE WITH 2% MAX. SLOPE TO DRAIN.
- 18. DEMO (E) F.D., P-TRAP. PROVIDE NEW RAISED F.D., P-TRAP, AND (N) CONCRETE WITH 2% MAX. SLOPE TO DRAIN.
- 19. EXISTING PARTIAL HEIGHT WALL TO REMAIN. REMOVE FINISHES AS SHOWN. REMOVE EXISTING CAPPED SHOWERS. REPLUMB AS REQUIRED FOR NEW EQUIPMENT.
- 20. REMOVE PORTION OF EXISTING BENCH AND SUPPORT LEGS AS REQUIRED FOR ACCESSIBLE CLEARANCES SHOWN ON ALTERATION PLAN. REINSTALL EXISTING SUPPORT LEG AT NEW END OF BENCH.

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 ONE INCH = TWENTY FEET



30 INTERIOR ELEVATION - GIRL'S LOCKER ROOM RESTROOM - NEW WORK
 SCALE: 1/4" = 1'-0"



26 ENLARGED GIRLS LOCKER ROOM ALTERATION PLAN
 SCALE: 1/8" = 1'-0"

GENERAL NOTES:
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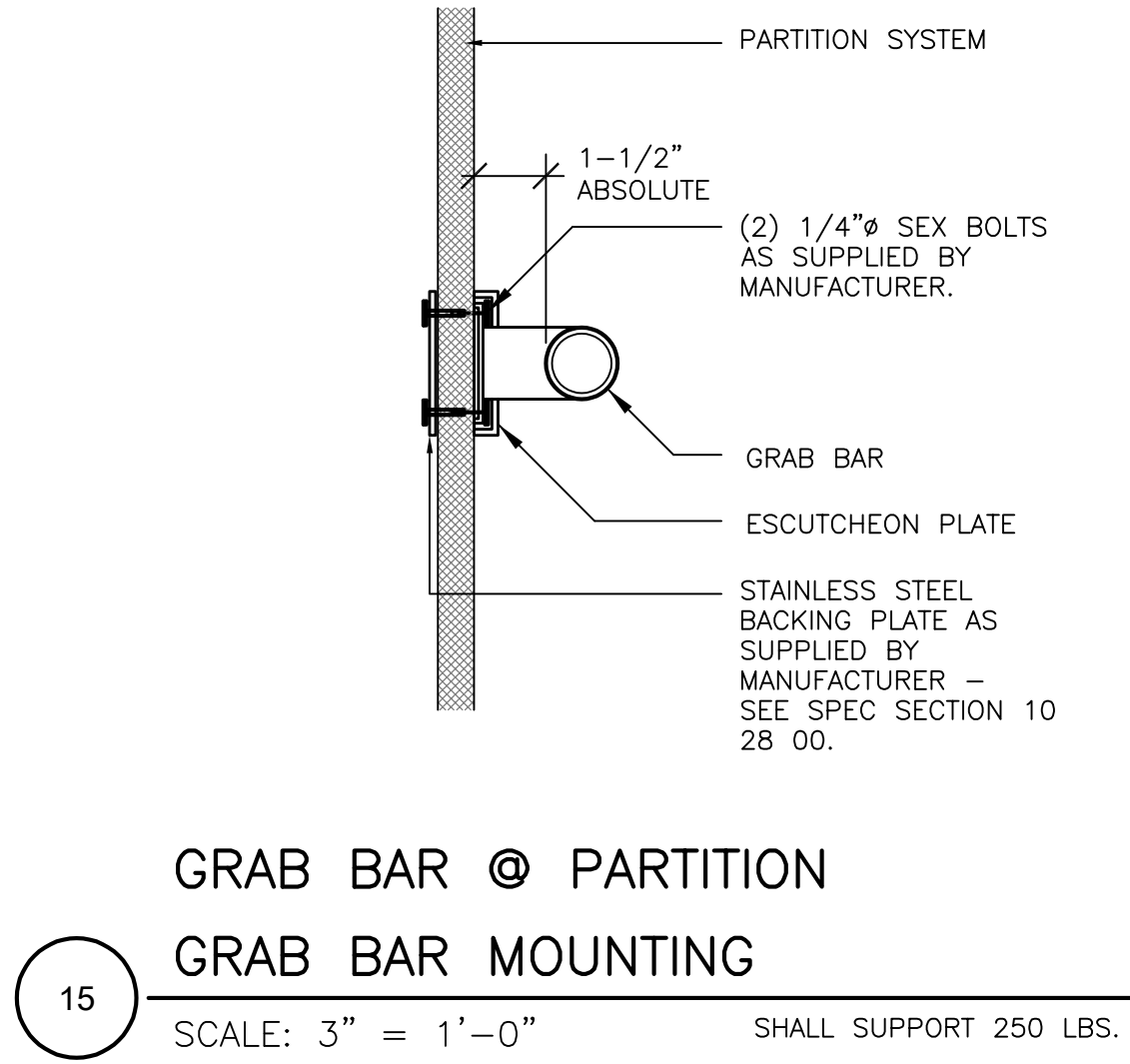
- U O N ALL (N) PLUMBING FIXTURES AND VALVES SHOWN SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR. OWNER HAS SALVAGE RIGHTS TO REMOVED VALVES, FAUCETS, AND FIXTURES. CONTRACTOR SHALL DISPOSE OF ALL EQUIPMENT NOT SALVAGED BY DISTRICT.
- AT (N) FIXTURES ALONG PLUMBING CHASE WALLS, CONTRACTOR REQ'D TO REMOVE LARGE PORTIONS OF FRAMING AND REPLACE ONCE PLUMBING WORKS COMPLETE.
- ALL (E) WALL ACCESSORIES SHALL BE PROTECTED DURING DEMOLITION AND ACCOMMODATED IN (N) WALL FINISH WORK TO MAINTAIN FUNCTION. PROVIDE (N) STAIN-LESS STEEL SWITCH PLATES AND DUPLEX OUTLET PLATES TYP. THROUGHOUT.
- CAULK NEW PLUMBING FIXTURES TO WALL WITH HIGH GRADE SILICON BASED SEALANT (COLOR WHITE).
- AT WET LOCATIONS AND BEHIND CERAMIC TILE, PROVIDE 5/8" WATER RESISTANT GREEN BOARD. CONTRACTOR SHALL ADJUST SPUD AS REQ'D FOR (N) WALL FINISH SURFACE ELEVATION. AT LOCATIONS WHERE SPUDS ARE FROZEN IN PLACE, CONTRACTOR SHALL CHIP OUT SPUD AND REPLACE.
- CONTRACTOR SHALL FLOAT ALL (E) GYP BOARD/PLASTER CEILING SURFACES - SEE SPEC SECTION 09 29 00 FOR FINISH LEVEL. REMOVE AND REINSTALL CEILING MOUNTED EQUIPMENT AS REQ'D.
- WHERE (N) SIGNAGE IS INDICATED ON PLANS TO BE PROVIDED, CONTRACTOR SHALL REMOVE ALL (E) TOILET ROOM SIGNAGE AND PROVIDE (N) AS INDICATED.
- ACCESSIBLE COMPARTMENTS SHALL PROVIDE A TOE CLEARANCE OF 12" MIN. ABOVE FLOOR (11B-604.8.1.4).
- AT THE END OF EACH CONSTRUCTION PHASE, IN THE PRESENCE OF INSPECTOR, CAMERA ALL SANITARY SEWER LINES TO A DISTANCE OF 100FT OR NEAREST EXTERIOR CLEAN OUT, WHICHEVER IS FURTHER. IF DEBRIS IS FOUND IN LINE, CONTRACTOR SHALL AUGER LINE. AFTER AUGERING, LINE SHALL BE CAMERAD AGAIN TO CONFIRM THE DEBRIS HAS BEEN REMOVED FROM PIPE. CAMERAINGS SHALL BE DIGITALLY RECORDED AND PROVIDED TO THE DISTRICT ON A DVD OR FLASH DRIVE. CAMERA DEVICES SHALL BE CAPABLE OF DIRECTLY RECORDING INFO. SECONDARY DEVICES SHALL NOT BE ACCEPTED. AUDIO VOICE SHALL BE RECORDED DURING EACH INSPECTION BY THE OPERATING TECHNICIAN AND SHALL INCLUDE SEWER LOCATION, IDENTIFICATION OF START AND END POINTS OR CLEANOUTS MEASUREMENT FOR LOCATION OF DEFECTS AND ACTUAL LENGTH OF PIPE SHALL BE BY MEANS OF A CALIBRATED METER ON THE CAMERA WITH A DIGITAL READOUT ON THE VIDEO MONITOR. IN ORDER TO MEASURE ANY SAGS OR BELLES IN PIPE, CAMERA SHALL BE EQUIPPED WITH A MEASURING DEVICE CAPABLE OF ACCURATELY MEASURING THE DEPTH OF STANDING WATER UP TO 3".
- PROVIDE WATER HAMMER ARRESTORS AT ALL NEW AND EXISTING PLUMBING FIXTURE LINES. SIZE AND SPACE PER SPEC SECTION 22 10 00-2.07 AND 3.02.
- SEE SHEET 26/A550 FOR ALL EQUIPMENT MOUNTING HEIGHTS.

NEW WORK KEYNOTES:
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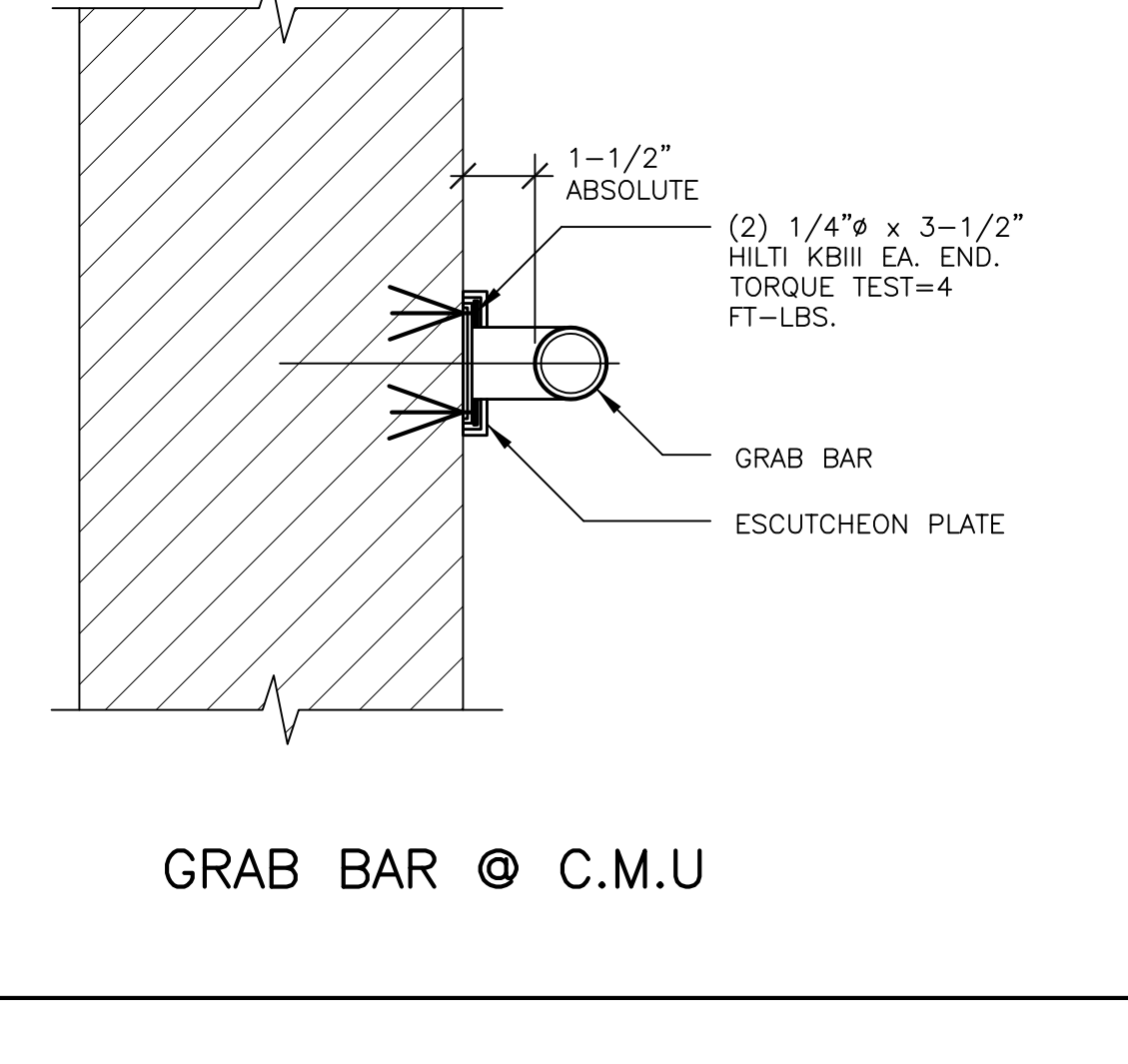
- NEW WALL MOUNTED TOILET. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.
- NEW TOILET PARTITION SYSTEM. PROVIDE SOLID BACKING AT ALL ANCHORAGE WALL AND CEILING LOCATIONS PER DETAIL 27/A550. PROVIDE MANUFACTURER'S STAINLESS STEEL AT FREE PANEL ENDS.
- NEW TOILET PAPER DISPENSER - SEE INTERIOR RESTROOM ELEVATIONS FOR LOCATIONS AND 26/A550 FOR MOUNTING HEIGHTS.
- NEW SANITARY NAPKIN DISPOSAL RECEPTOR - SEE INTERIOR RESTROOM ELEVATIONS FOR LOCATIONS AND 26/A550 FOR MOUNTING HEIGHTS.
- NEW LAVATORY, SOAP DISPENSER AND MIRROR.
- NEW WALL MOUNTED URINAL.
- NEW 42" GRAB BAR. SEE DETAIL 15A/132 FOR MOUNTING.
- NEW 48" GRAB BAR. SEE DETAIL 15A/132 FOR MOUNTING.
- PROVIDE NEW MINIMUM 4" THICK CONCRETE SLAB WITH WELDED WIRE REINFORCING OVER NEW VAPOR BARRIER OVER NEW 2" MINIMUM LIFT OF AGGREGATE BASE ROCK. VAPOR BARRIER SHALL BE EQUAL TO STEGO WRAP VAPOR BARRIER 15 MIL THICKNESS. TAPE ALL JOINTS AND PENETRATIONS. DOWEL NEW SLAB TO EXISTING PERIMETER FOOTINGS WITH 12" Ø SMOOTH DOWEL 12" LONG AT 36" O.C. EXTEND 6" INTO EXISTING SLAB. AROUND PERIMETER, SLOPE OF NEW CONCRETE SLAB TO DRAIN SHALL BE 0.5% MINIMUM TO 1.5% MAXIMUM AND CONFORM TO EXISTING SLAB GRADE AT ENTRY DOOR. INSTALL NEW EPOXY FLOORING AND COVERED BASE PER SPECIFICATIONS. DRAINS SHALL BE CENTERED IN EACH ROOM.
- NEW ELECTRIC HAND DRYER.
- NEW RESTROOM SIGNAGE. SEE DETAIL 6/A550.
- NOT USED.
- EXISTING ACCESSIBLE HI-LOW DRINKING FOUNTAIN AND GUIDE RAILS TO REMAIN.
- NEW STAINLESS STEEL CORNER GUARD. SEE SPEC 10 26 00.
- PROVIDE 3"x3" FULL-HEIGHT TUBE STEEL SUPPORT FOR PARTITION SYSTEM - SEE DETAIL 12A/132.
- NEW CHASE WALL - SEE DETAIL 17A/132.
- NEW WASHER / DRYER LOCATION WITH NEW HOOKUPS. CORE EXTERIOR CONCRETE WALL FOR DRYER VENT. PROVIDE NEW VANDAL RESISTANT DRYER HOOD AND SECURITY GRILL COVER ON OUTSIDE FACE OF BUILDING.
- NEW SANITARY NAPKIN DISPENSER.
- NEW METAL LOCKERS ON EXISTING CONCRETE BASES - SEE LEGEND.
- NEW WOOD BENCHES ON EXISTING STEEL LEGS. SEE SPEC.

LEGEND:
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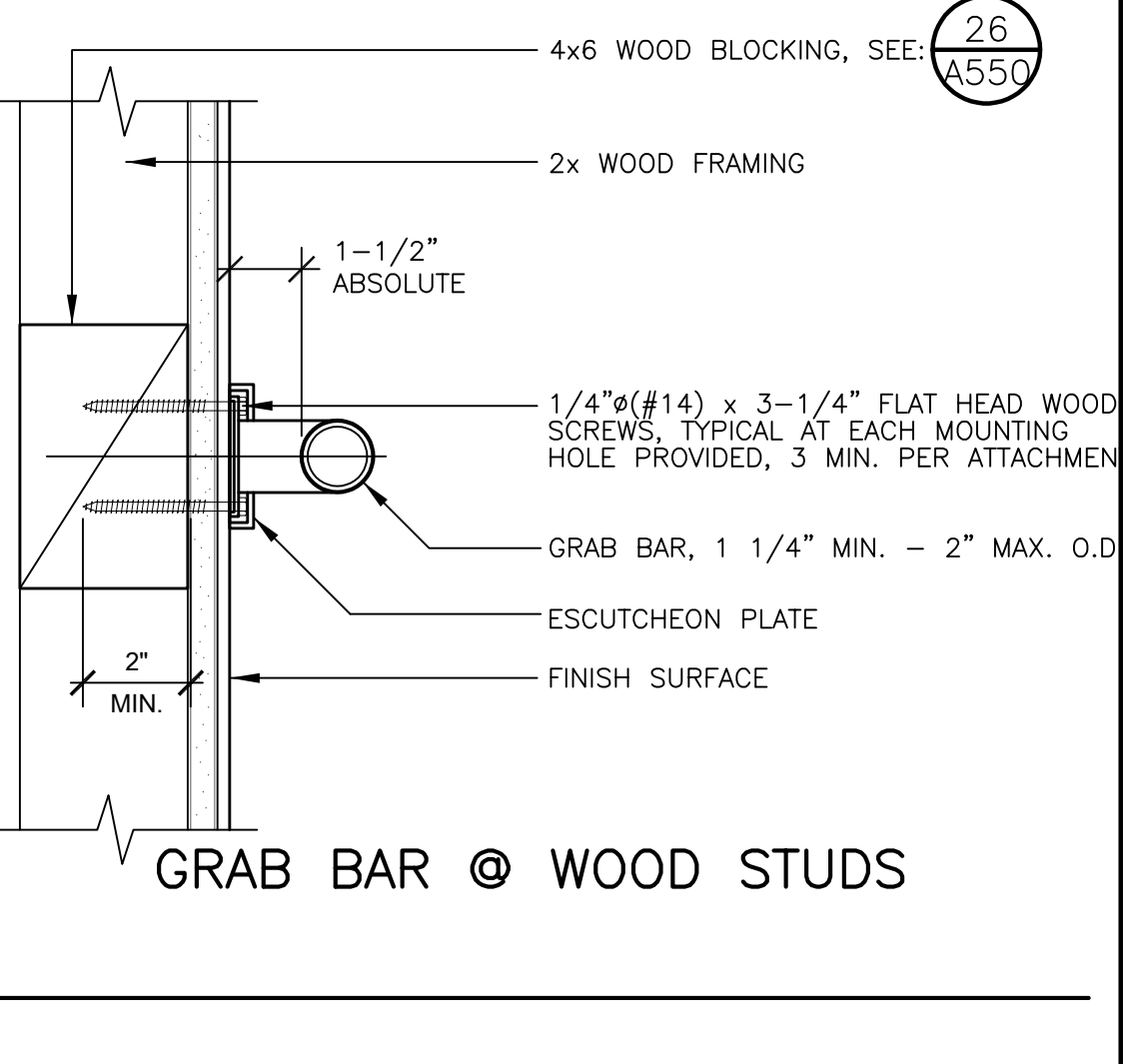
- EXISTING PORCELAIN FLOOR TILE TO REMAIN. PROTECT IN PLACE.
- NEW CONCRETE SLAB AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFORMATION.
- (N) 12"x12"x30" 2-TIER LOCKERS ANCHORED INTO EXISTING CONCRETE CURB PER SPECIFICATIONS. PROVIDE COLOR MATCHED VENTED CLOSURE PANEL AS NOTED. SEE DETAIL 12A/133 FOR MORE INFORMATION.
- (N) 12"x12"x24" 3-TIER LOCKERS ANCHORED INTO EXISTING CONCRETE CURB PER SPECIFICATIONS. PROVIDE COLOR MATCHED VENTED CLOSURE PANEL AS NOTED. SEE DETAIL 14A/133 FOR MORE INFORMATION.
- PLUMBING FIXTURE LOCATION IS BEING RELOCATED ON WALL, CURB DEMO AND REPLACEMENT, CARRIER DEMO AND REPLACEMENT, STUD RELOCATION REPLACEMENT, WATER SUPPLY AND SEWER PIPING MODIFICATION IS REQUIRED. CONTRACTORS SHALL BID NOTED FIXTURES AS A COMPLETELY NEW LOCATION.
- PROVIDE NEW CERAMIC WALL TILE WAINSCOT OVER NEW 5/8" GYP. GREEN BOARD. CONTRACTOR SHALL FURR OUT GYP. BOARD SO THAT FINISH FACE OF GYP. BOARD MATCHES FACE OF EXISTING CONCRETE CURB.



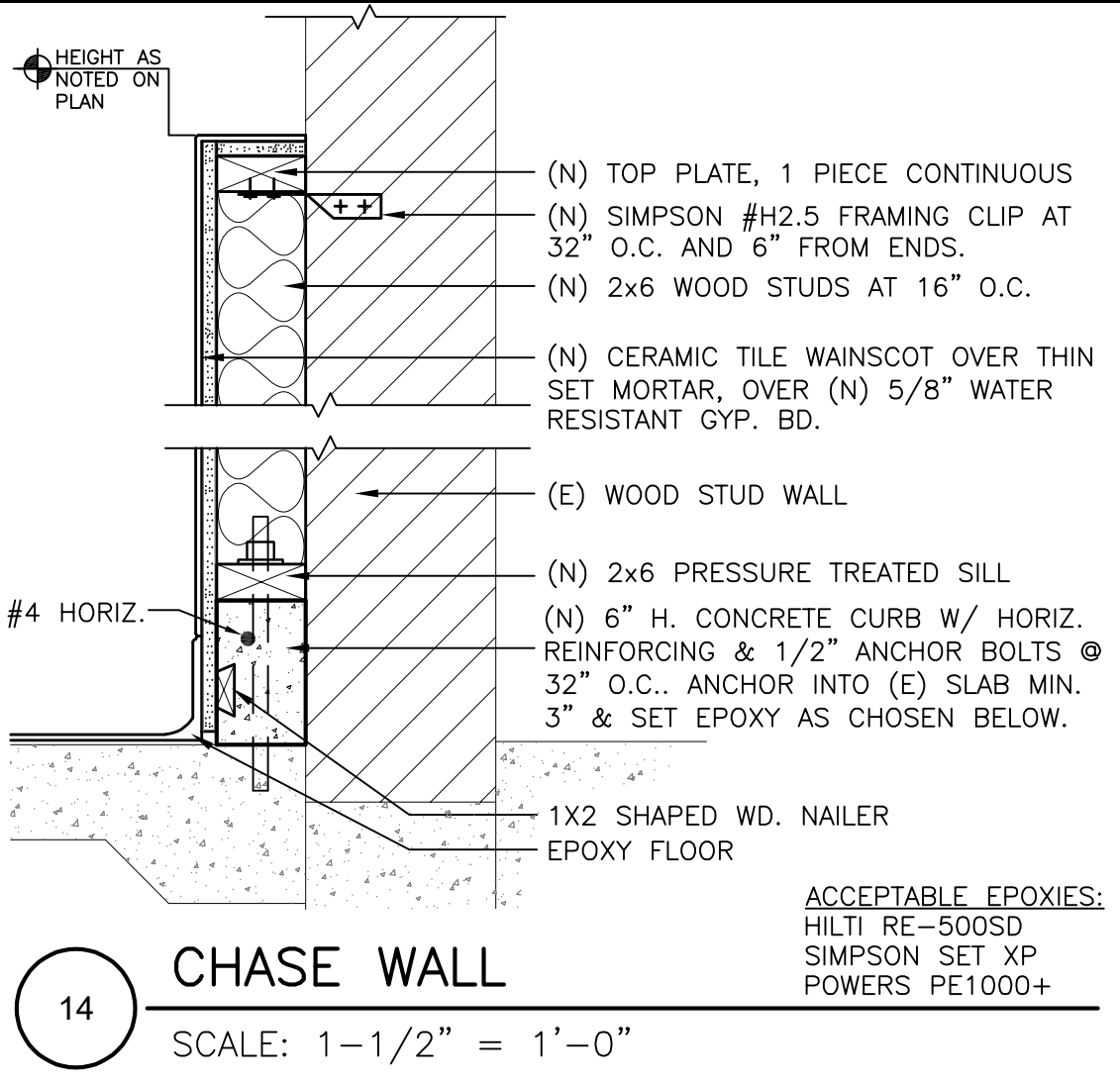
15 GRAB BAR @ PARTITION
 SCALE: 3" = 1'-0" SHALL SUPPORT 250 LBS.



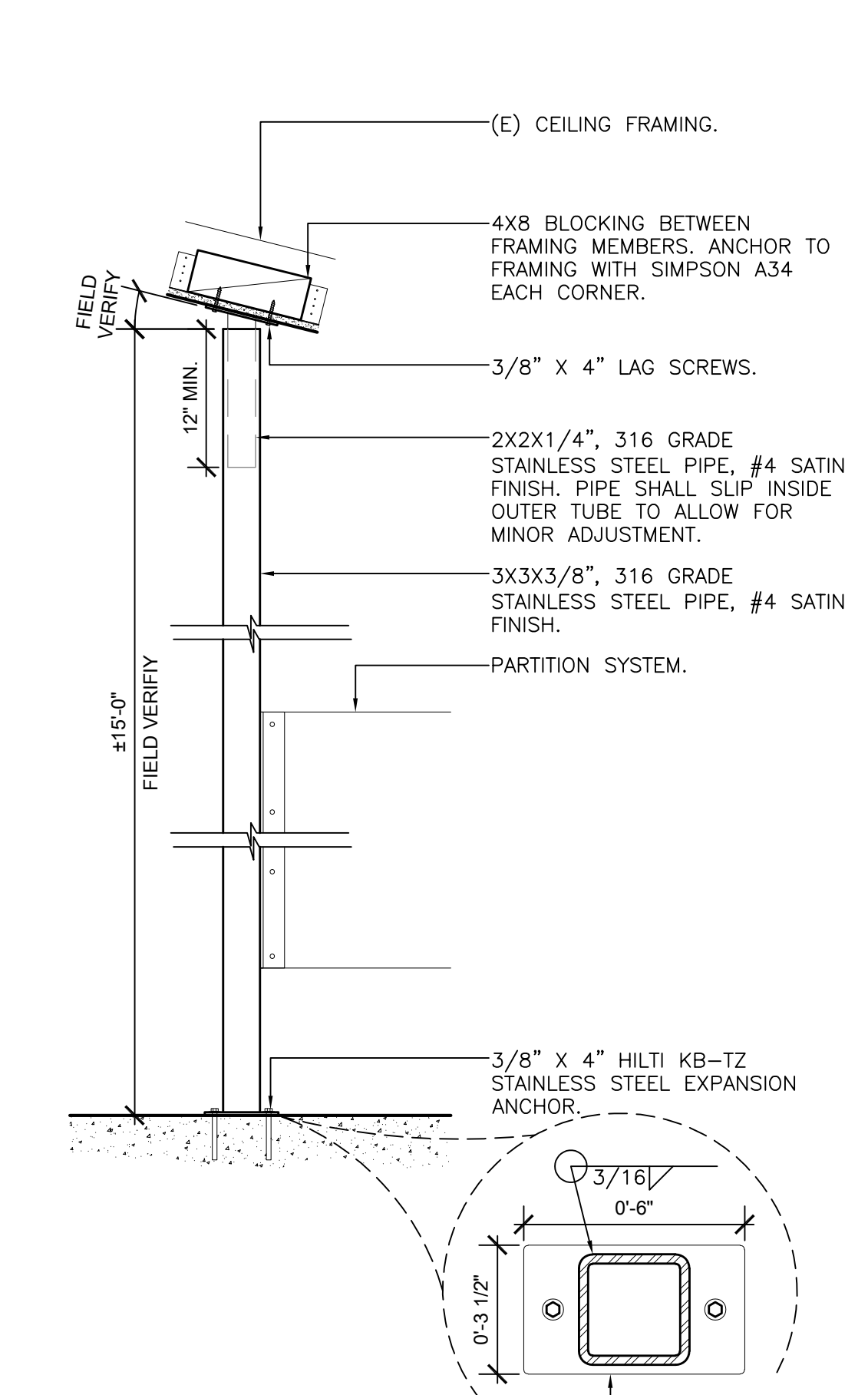
GRAB BAR @ C.M.U.



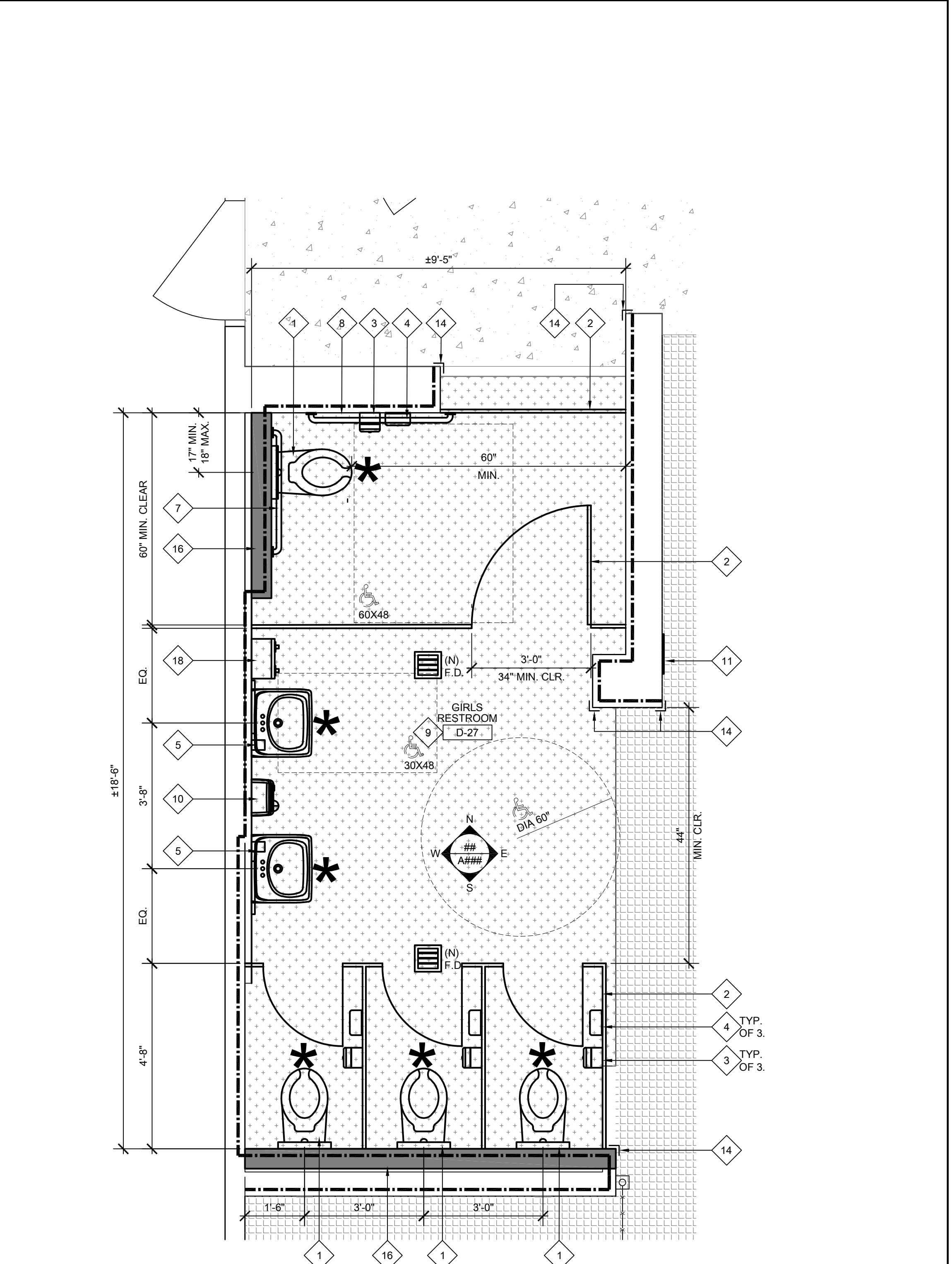
GRAB BAR @ WOOD STUDS



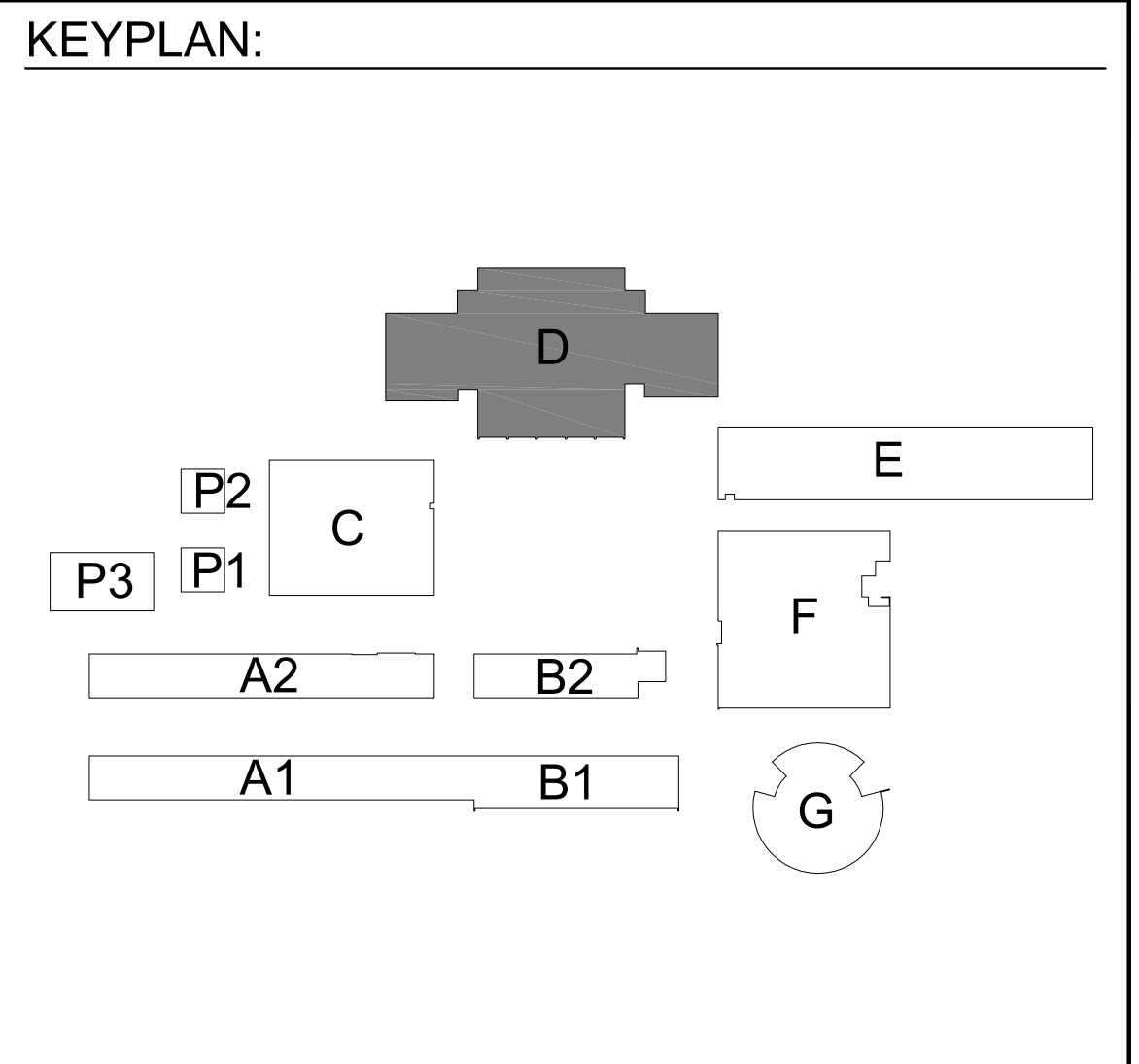
14 CHASE WALL
 SCALE: 1-1/2" = 1'-0"



12 PARTITION SUPPORT AT HIGH CEILING
 SCALE: 1" = 1'-0"



7 ENLARGED TOILET ALTERATION PLAN
 SCALE: 1/2" = 1'-0"



AGENCY APPROVAL

ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT

9325 MIRANDY DR
 SACRAMENTO, CA 95826

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

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 600 Q Street, Suite 100
 Sacramento, CA 95511
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 916.329.4000

ARCHITECT

CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

DATE: 06/19/2023
 JOB NO.: Y2243.00
 SHEET TITLE

ENLARGED GIRLS LOCKER ROOM ALTERATION PLAN

SHEET NO. A132

AGENCY APPROVAL

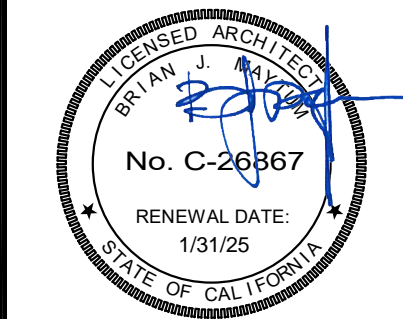
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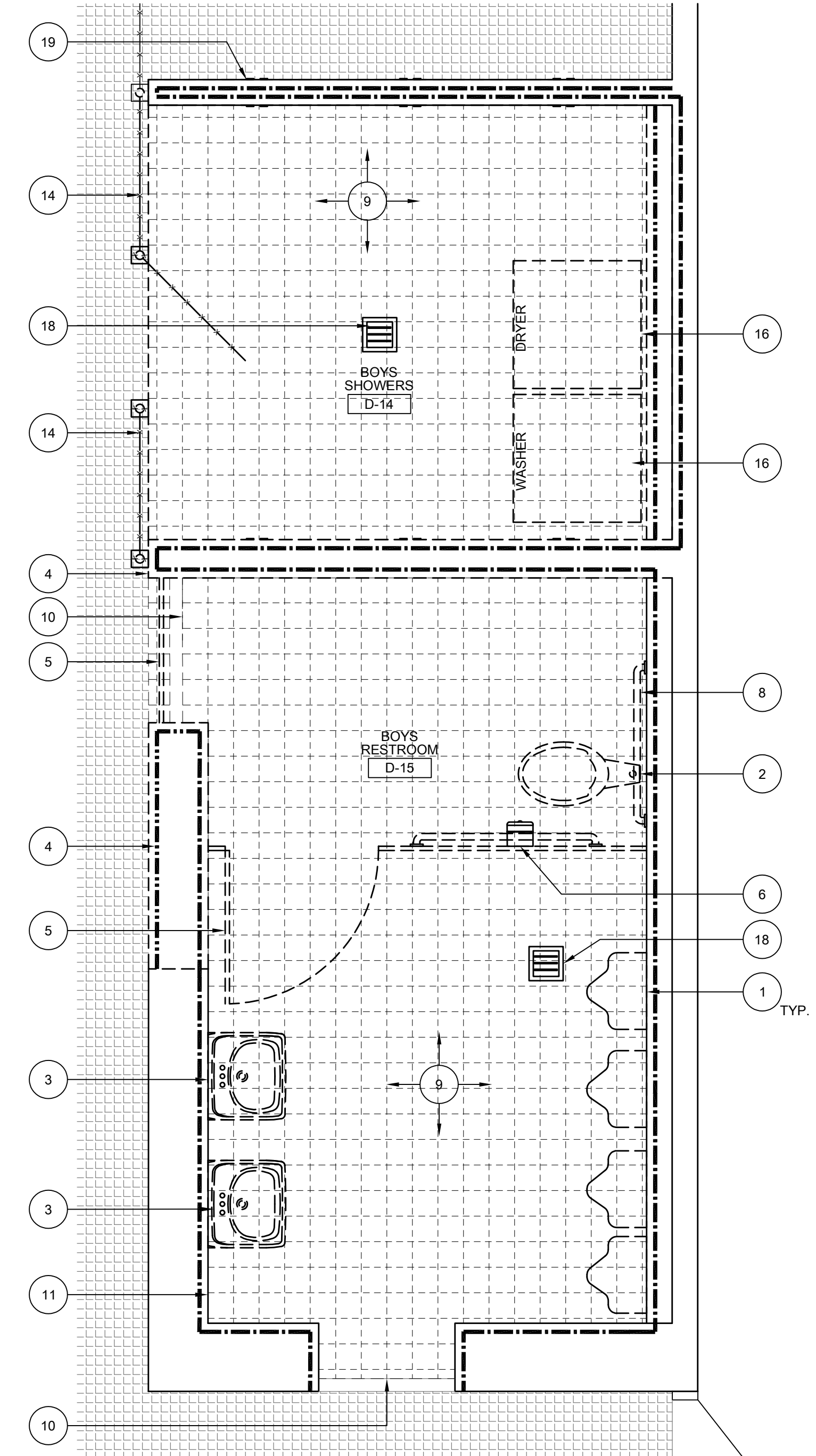
JOB NO.: Y2243.00

SHEET TITLE

ENLARGED BOYS LOCKER ROOM
DEMOLITION PLAN

SHEET NO.

A133D



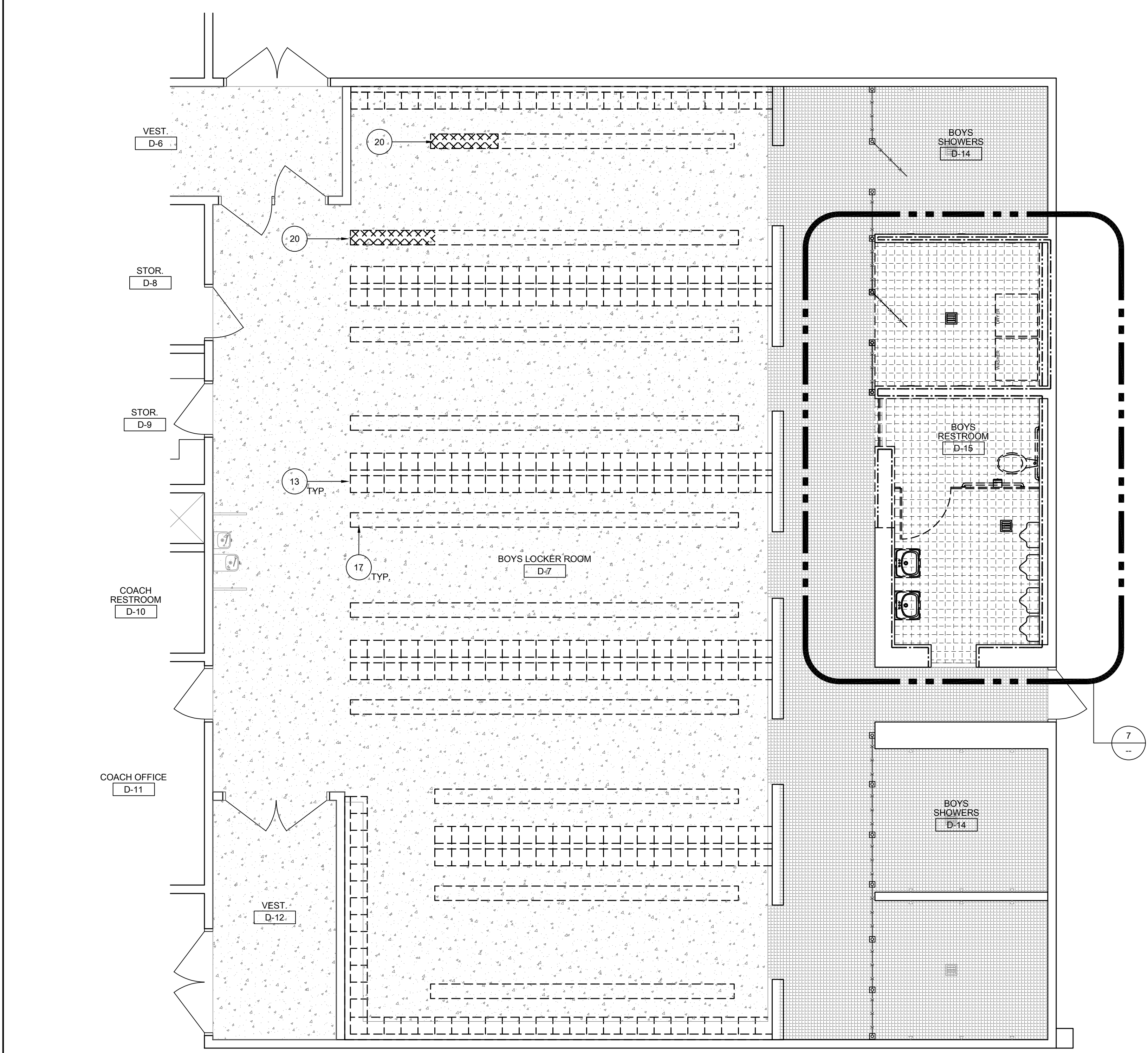
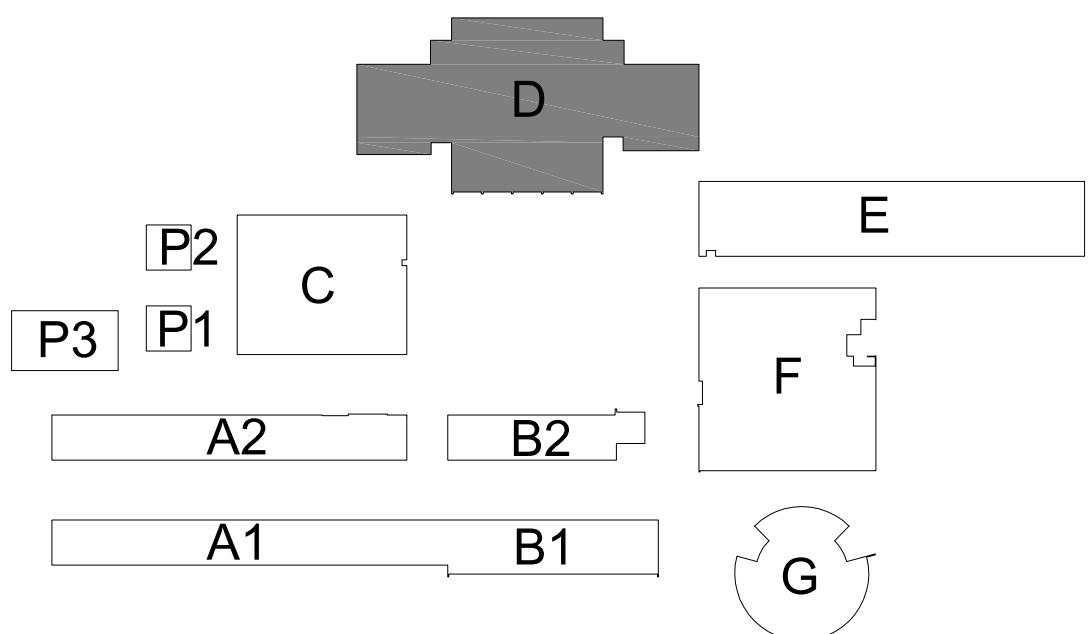
7 ENLARGED TOILET DEMOLITION PLAN

SCALE: 1/2" = 1'-0"

LEGEND:

- ALL LEGEND ITEMS MAY NOT BE USED ON THIS SHEET.
- (E) PORCELAIN FLOOR TILE TO REMAIN. PROTECT IN PLACE.
 - DEMO (E) PORCELAIN TILE FLOORING, COVERED TILE BASE, MORTAR BED, AND STRUCTURAL SLAB DOWN TO GRAVEL BASE.
 - (E) WORK TO BE DEMOLISHED.
 - EXISTING CERAMIC TILE OVER CONCRETE PLASTER TO SUBSTRATE TO BE REMOVED TO FACE OF STUDS FROM FLOOR TO CEILING. PROVIDE NEW CERAMIC WALL TILE WAINSCOT OVER NEW 5/8" GYP. GREEN BOARD. CONTRACTOR SHALL FURR OUT GYP. BOARD SO THAT FINISH FACE OF GYP. BOARD MATCHES FACE OF EXISTING COVERED BASE.
 - EXISTING FRP OR PLYWOOD WALL TO BE REMOVED.
 - DEMO (E) LOCKERS. REMOVE ALL RELATED ANCHORAGE AND ATTACHMENTS. CONCRETE CURBS TO REMAIN IN PLACE. CLEAN CONCRETE CURBS THOROUGHLY FROM DEBRIS AND PREP FOR NEW LOCKERS.
 - DEMO PORTION OF CHAIN LINK FENCING. REMOVE ALL POSTS AND ANCHORED SUPPORTS AND PATCH FLOORING AND WALL WHERE REMOVED. PATCH TO BEST MATCH EXISTING ADJACENT SURFACE. REMOVE POLES WHERE NEEDED TO COMPLETE NEW WORK AND REINSTALL.
 - NOT USED.
 - REMOVE AND RELOCATE EXISTING WASHER AND DRYER TO NEW LOCATION SHOWN ON ALTERATION PLANS. CAP UNUSED WATER LINE AND USE REMAINING SHOWER WATER LINE FOR NEW WATER ACCESS. RELOCATE EXISTING ELECTRICAL OUTLET INTO WALL. SEE ELECTRICAL AND PLUMBING DRAWINGS.
 - DEMO EXISTING WOOD BENCH TOP. REMOVE ALL RELATED SCREWS AND BOLTS AND OTHER ANCHORAGE ELEMENTS. BENCH SUPPORTS TO REMAIN AND TO BE REUSED FOR NEW BENCHES. CLEAN/POLISH METAL BENCH SUPPORTS.
 - DEMO (E) F.D., P-TRAP. PROVIDE NEW RAISED F.D., P-TRAP, AND (N) CONCRETE WITH 2% MAX. SLOPE TO DRAIN.
 - EXISTING PARTIAL HEIGHT WALL TO REMAIN. REMOVE FINISHES AS SHOWN. REMOVE EXISTING CAPPED SHOWERS. REPLUMB AS REQUIRED FOR NEW EQUIPMENT.
 - REMOVE PORTION OF EXISTING BENCH AND SUPPORT LEGS AS REQUIRED FOR ACCESSIBLE CLEARANCES SHOWN ON ALTERATION PLAN. REINSTALL EXISTING SUPPORT LEG AT NEW END OF BENCH.

KEYPLAN:



26 ENLARGED BOYS LOCKER ROOM
DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- THESE NOTES APPLY TO THIS SHEET ONLY.
1. U.O.N. ALL (N) PLUMBING FIXTURES AND VALVES SHOWN SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR. OWNER HAS SALVAGE RIGHTS TO REMOVED VALVES, FAUCETS, AND FIXTURES. CONTRACTOR SHALL DISPOSE OF ALL EQUIPMENT NOT SALVAGED BY DISTRICT.
 2. AT (N) FIXTURES ALONG PLUMBING CHASE WALLS, CONTRACTOR REQ'D TO REMOVE LARGE PORTIONS OF FRAMING AND REPLACE ONCE PLUMBING WORKS COMPLETE.
 3. ALL (E) WALL ACCESSORIES SHALL BE PROTECTED DURING DEMOLITION AND ACCOMMODATED IN (N) WALL FINISH WORK TO MAINTAIN FUNCTION. PROVIDE (N) STAIN-LESS STEEL SWITCH PLATES AND DUPLEX OUTLET PLATES TYP. THROUGHOUT.
 4. CAULK NEW PLUMBING FIXTURES TO WALL WITH HIGH GRADE SILICON BASED SEALANT (COLOR WHITE).
 5. AT WET LOCATIONS AND BEHIND CERAMIC TILE, PROVIDE 5/8" WATER RESISTANT GREEN BOARD. CONTRACTOR SHALL ADJUST SPUD AS REQ'D FOR (N) WALL FINISH SURFACE ELEVATION. AT LOCATIONS WHERE SPUDS ARE FROZEN IN PLACE, CONTRACTOR SHALL CHIP OUT SPUD AND REPLACE.
 6. CONTRACTOR SHALL FLOAT ALL (E) GYP. BOARD/PLASTER CEILING SURFACES - SEE SPEC SECTION 09 21 16 FOR FINISH LEVEL. REMOVE AND REINSTALL CEILING MOUNTED EQUIPMENT AS REQ'D.
 7. WHERE (N) SIGNAGE IS INDICATED ON PLANS TO BE PROVIDED, CONTRACTOR SHALL REMOVE ALL (E) TOILET ROOM SIGNAGE AND PROVIDE (N) AS INDICATED.
 8. ACCESSIBLE COMPARTMENTS SHALL PROVIDE A TOE CLEARANCE OF 12" MIN. ABOVE FLOOR (11B-604.8.1.4).

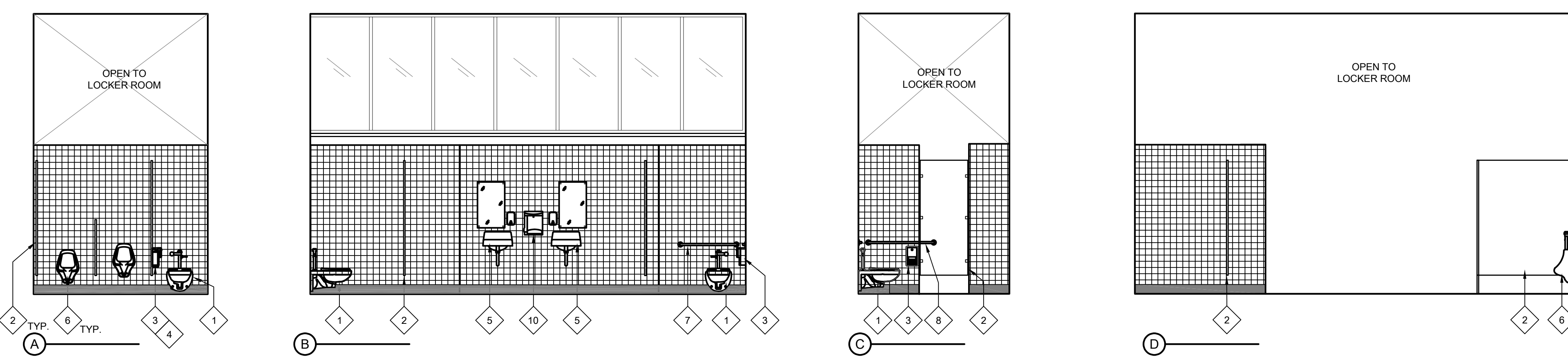
DEMOLITION KEYNOTES:

- ALL KEYNOTES MAY NOT BE USED ON THIS SHEET.
- 1 DEMO (E) URINAL - CUT AND CAP UNUSED LINE. SEE PLUMBING DRAWINGS.
 - 2 DEMO (E) TOILET - CUT AND CAP UNUSED LINE. SEE PLUMBING DRAWINGS.
 - 3 DEMO (E) LAVATORY, MIRROR, AND SOAP DISPENSER. CUT AND CAP UNUSED LINES. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - 4 DEMO INTERIOR PARTIAL HEIGHT WALL AND FOOTING. AT WALLS WITH PLUMBING, REMOVE OR CAP UNUSED LINES. SEE PLUMBING DRAWINGS.
 - 5 DEMO (E) TOILET PARTITION SYSTEM AND ALL ATTACHED TOILET ACCESSORIES. PATCH AND REPAIR WALL AT ABANDONED MOUNTING LOCATIONS.
 - 6 DEMO EXISTING TOILET ACCESSORIES, INCLUDING, BUT NOT LIMITED TO: TOILET PAPER DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, AND TOILET SEAT COVER DISPENSER. WHERE ATTACHED TO WALL, REMOVE ANCHORS AND BEST PATCH TO MATCH EXISTING ADJACENT SURFACE.
 - 7 NOT USED.
 - 8 DEMO (E) GRAB BARS.
 - 9 DEMO (E) TILE FLOOR, MORTAR BED, AND STRUCTURAL CONCRETE SLAB EXISTING SLAB CONTAINS HYDRONIC LINES. CUT AND CAP LINES BELOW FINISH FLOOR WHERE LINES EXIT AREA OF WORK.
 - 10 DEMO (E) THRESHOLD. REMOVE ALL RELATED ANCHORAGE/GLUE FROM (E) FLOORING AND MAKE SMOOTH TO RECEIVE NEW FLOORING AND THRESHOLD.
 - 11 DEMO (E) HAND DRYER. REMOVE ALL RELATED CONDUIT AND RELOCATE FOR NEW HAND DRYER LOCATION.
 - 12 DEMO (E) RESTROOM SIGNAGE. REMOVE ALL BOLTS AND OTHER ANCHORAGE AND PATCH WALL TO BEST MATCH EXISTING ADJACENT.

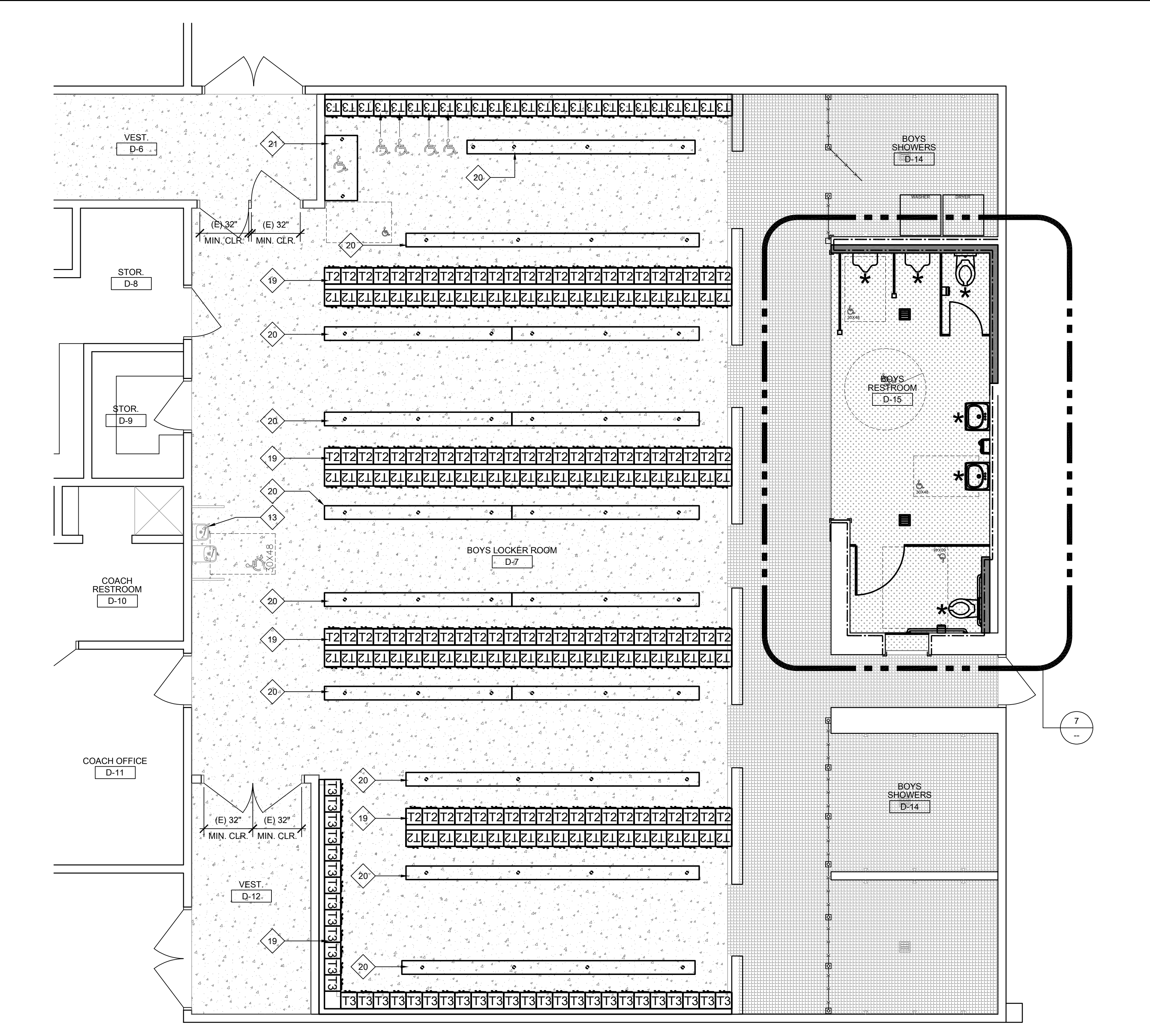
- 13 DEMO (E) LOCKERS. REMOVE ALL RELATED ANCHORAGE AND ATTACHMENTS. CONCRETE CURBS TO REMAIN IN PLACE. CLEAN CONCRETE CURBS THOROUGHLY FROM DEBRIS AND PREP FOR NEW LOCKERS.
- 14 DEMO PORTION OF CHAIN LINK FENCING. REMOVE ALL POSTS AND ANCHORED SUPPORTS AND PATCH FLOORING AND WALL WHERE REMOVED. PATCH TO BEST MATCH EXISTING ADJACENT SURFACE. REMOVE POLES WHERE NEEDED TO COMPLETE NEW WORK AND REINSTALL.
- 15 NOT USED.
- 16 REMOVE AND RELOCATE EXISTING WASHER AND DRYER TO NEW LOCATION SHOWN ON ALTERATION PLANS. CAP UNUSED WATER LINE AND USE REMAINING SHOWER WATER LINE FOR NEW WATER ACCESS. RELOCATE EXISTING ELECTRICAL OUTLET INTO WALL. SEE ELECTRICAL AND PLUMBING DRAWINGS.
- 17 DEMO EXISTING WOOD BENCH TOP. REMOVE ALL RELATED SCREWS AND BOLTS AND OTHER ANCHORAGE ELEMENTS. BENCH SUPPORTS TO REMAIN AND TO BE REUSED FOR NEW BENCHES. CLEAN/POLISH METAL BENCH SUPPORTS.
- 18 DEMO (E) F.D., P-TRAP. PROVIDE NEW RAISED F.D., P-TRAP, AND (N) CONCRETE WITH 2% MAX. SLOPE TO DRAIN.
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- 20 REMOVE PORTION OF EXISTING BENCH AND SUPPORT LEGS AS REQUIRED FOR ACCESSIBLE CLEARANCES SHOWN ON ALTERATION PLAN. REINSTALL EXISTING SUPPORT LEG AT NEW END OF BENCH.

ONE AND ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
THREE-QUARTERS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE-FOURTH INCH = ONE FOOT
ONE-EIGHTH INCH = ONE FOOT
ONE-SIXTEENTH INCH = ONE FOOT
ONE INCH = TWENTY FEET

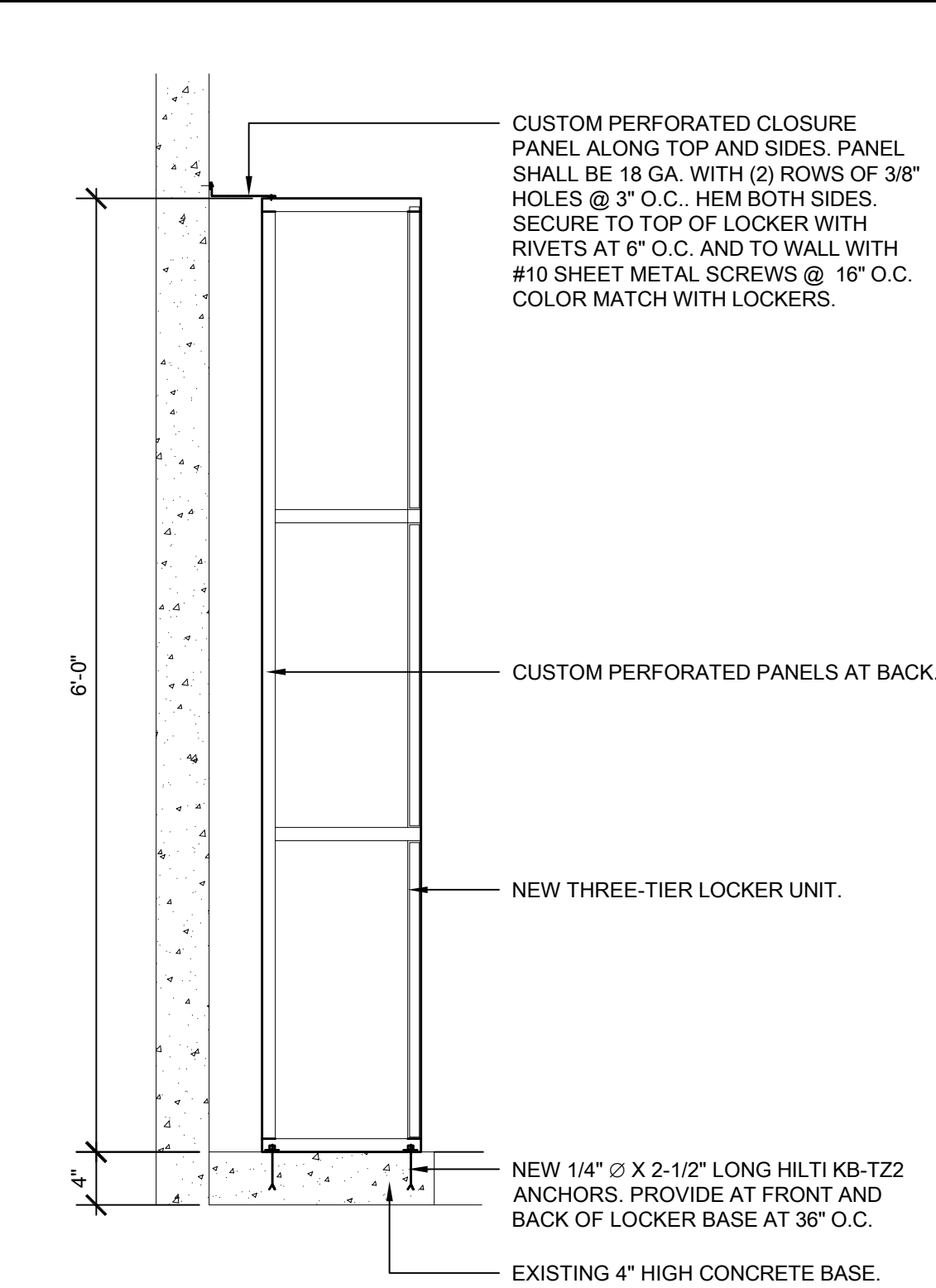
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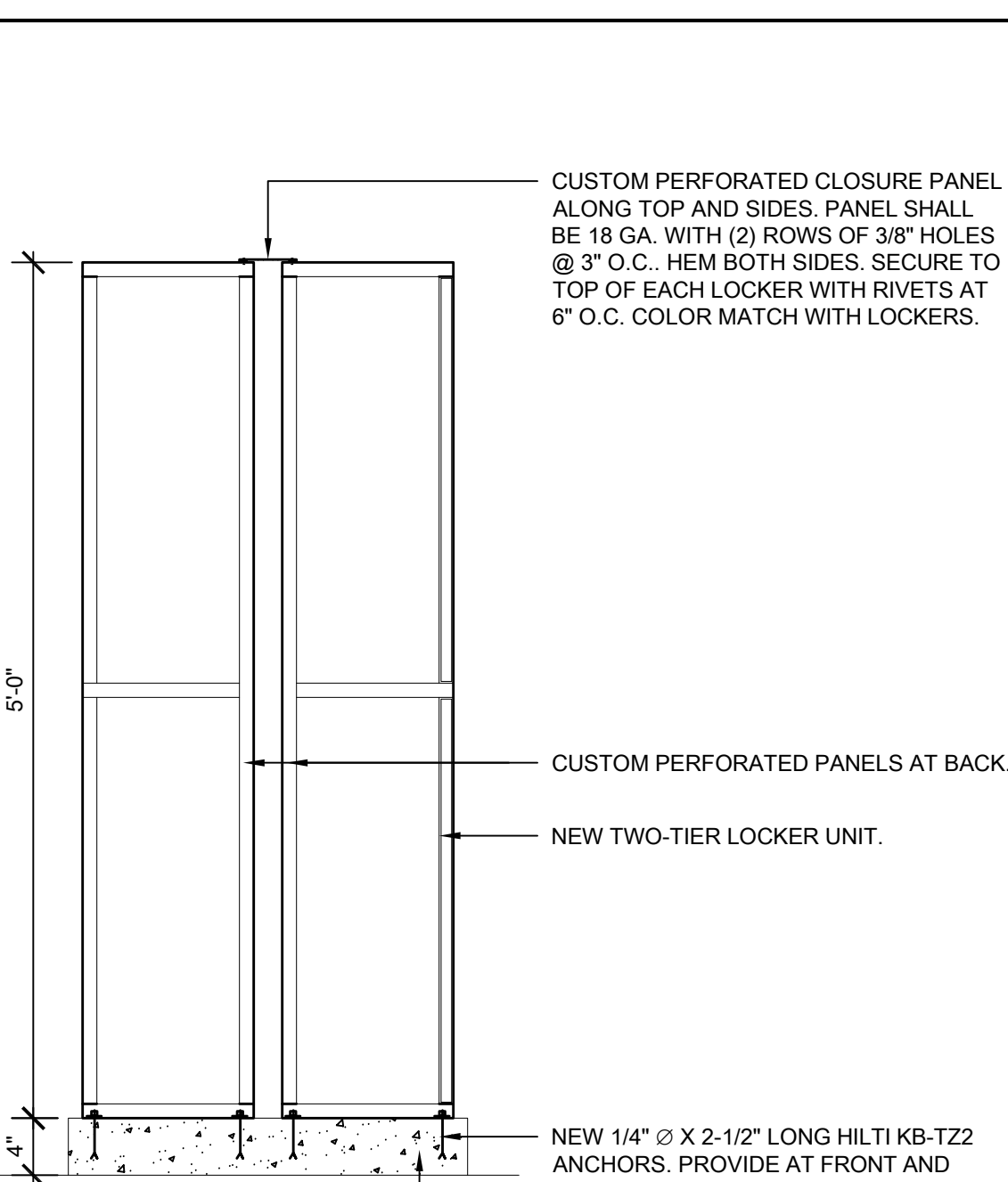
30 INTERIOR ELEVATION - GIRL'S LOCKER ROOM RESTROOM - NEW WORK
SCALE: 1/4" = 1'-0"



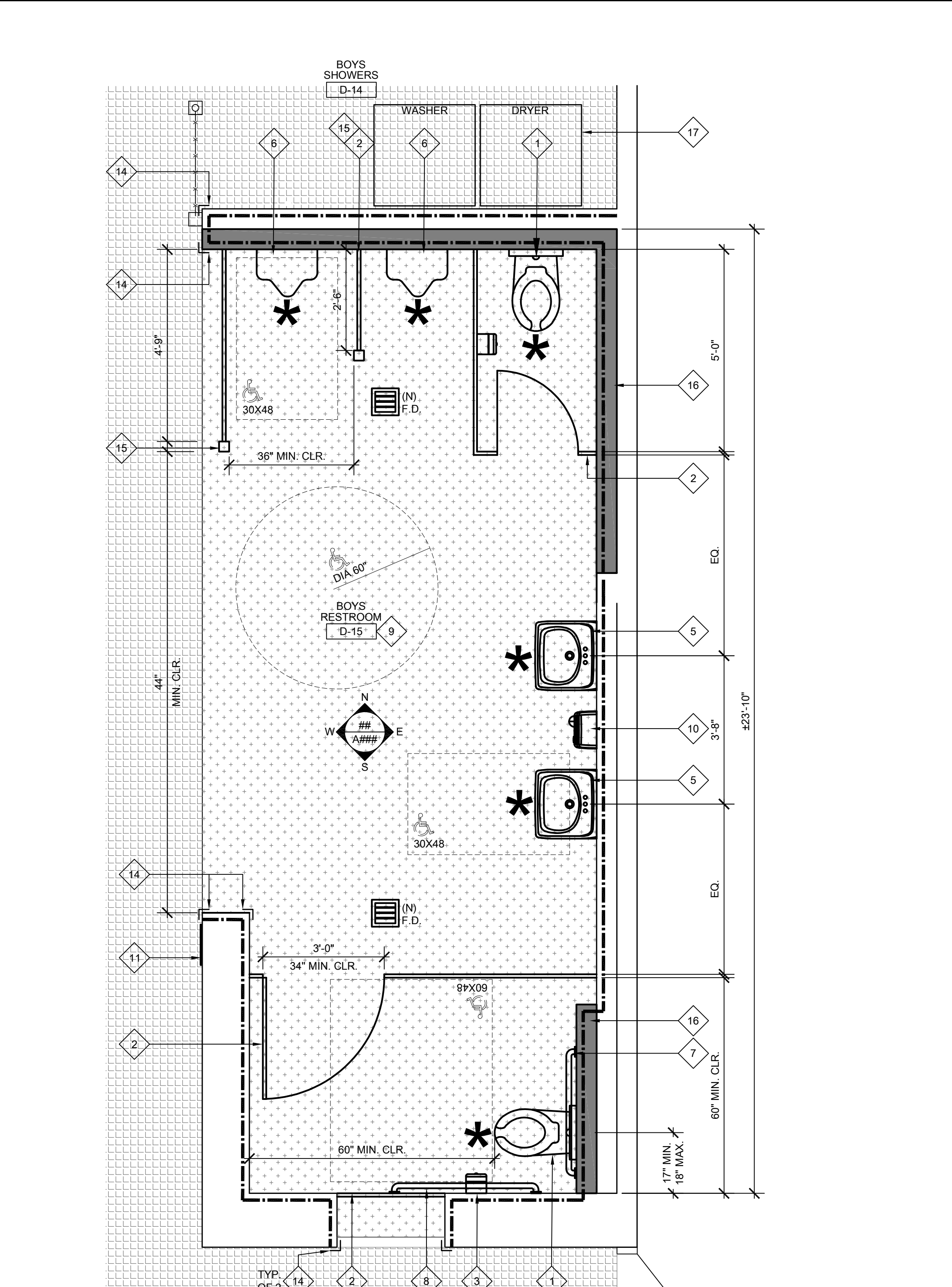
26 ENLARGED BOYS LOCKER ROOM ALTERATION PLAN
SCALE: 1/8" = 1'-0"



14 3-TIER FREESTANDING LOCKERS
SCALE: 1" = 1'-0"



12 2-TIER FREESTANDING LOCKERS
SCALE: 1" = 1'-0"



7 ENLARGED TOILET ALTERATION PLAN
SCALE: 1/2" = 1'-0"

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- CAULK NEW PLUMBING FIXTURES TO WALL WITH HIGH GRADE SILICON BASED SEALANT (COLOR WHITE).
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- AT THE END OF EACH CONSTRUCTION PHASE, IN THE PRESENCE OF INSPECTOR, CAMERA ALL SANITARY SEWER LINES TO A DISTANCE OF 100FT OR NEAREST EXTERIOR CLEAN OUT, WHICHEVER IS FURTHER. IF DEBRIS IS FOUND IN LINE, CONTRACTOR SHALL AUGER LINE. AFTER AUGERING, LINE SHALL BE CAMERA'D AGAIN TO CONFIRM THE DEBRIS HAS BEEN REMOVED FROM PIPE. CAMERA'INGS SHALL BE DIGITALLY RECORDED AND PROVIDED TO THE DISTRICT ON A DVD OR FLASH DRIVE. CAMERA DEVICES SHALL BE CAPABLE OF DIRECTLY RECORDING INFO. SECONDARY DEVICES SHALL NOT BE ACCEPTED. AUDIO VOICE SHALL BE RECORDED DURING EACH INSPECTION BY THE OPERATING TECHNICIAN AND SHALL INCLUDE SEWER LOCATION, IDENTIFICATION OF START AND END POINTS OR CLEANOUTS MEASUREMENT FOR LOCATION OF DEFECTS AND ACTUAL LENGTH OF PIPE SHALL BE BY MEANS OF A CALIBRATED METER ON THE CAMERA WITH A DIGITAL READOUT ON THE VIDEO MONITOR. IN ORDER TO MEASURE ANY SAGS OR BELLIES IN PIPE, CAMERA SHALL BE EQUIPPED WITH A MEASURING DEVICE CAPABLE OF ACCURATELY MEASURING THE DEPTH OF STANDING WATER UP TO 3".
- PROVIDE WATER HAMMER ARRESTORS AT ALL NEW AND EXISTING PLUMBING FIXTURE LINES. SIZE AND SPACE PER SPEC SECTION 22 10 00-2.07 AND 3.02.
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- NEW TOILET PAPER DISPENSER - SEE INTERIOR RESTROOM ELEVATIONS FOR LOCATIONS AND 26/A550 FOR MOUNTING HEIGHTS.
- NEW SANITARY NAPKIN DISPOSAL RECEPTOR - SEE INTERIOR RESTROOM ELEVATIONS FOR LOCATIONS AND 26/A550 FOR MOUNTING HEIGHTS.
- NEW LAVATORY, SOAP DISPENSER AND MIRROR.
- NEW WALL MOUNTED URINAL.
- NEW 42" GRAB BAR. SEE DETAIL 15A/132 FOR MOUNTING.
- NEW 48" GRAB BAR. SEE DETAIL 15A/132 FOR MOUNTING.
- PROVIDE NEW MINIMUM 4" THICK CONCRETE SLAB WITH WELDED WIRE REINFORCING OVER NEW VAPOR BARRIER OVER NEW 2" MINIMUM LIFT OF AGGREGATE BASE ROCK. VAPOR BARRIER SHALL BE EQUAL TO STEGO WRAP VAPOR BARRIER 15 MIL THICKNESS. TAPE ALL JOINTS AND PENETRATIONS. DOWEL NEW SLAB TO EXISTING PERIMETER FOOTINGS WITH 1/2" SMOOTH DOWEL 12" LONG AT 36" O.C. EXTEND 6" INTO EXISTING SLAB. AROUND PERIMETER, SLOPE OF NEW CONCRETE SLAB TO DRAIN SHALL BE 0.5% MINIMUM TO 1.5% MAXIMUM AND CONFORM TO EXISTING SLAB GRADE AT ENTRY DOOR. INSTALL NEW EPOXY FLOORING AND COVERED BASE PER SPECIFICATIONS. DRAINS SHALL BE CENTERED IN EACH ROOM.
- NEW ELECTRIC HAND DRYER.
- NEW RESTROOM SIGNAGE. SEE DETAIL 6/A550.
- NOT USED.
- EXISTING ACCESSIBLE HI-LOW DRINKING FOUNTAIN AND GUIDE RAILS TO REMAIN.
- NEW STAINLESS STEEL CORNER GUARD. SEE SPEC 10 26 00.
- PROVIDE 3"x3" FULL-HEIGHT TUBE STEEL SUPPORT FOR PARTITION SYSTEM - SEE DETAIL 12A/132.
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- NEW WASHER / DRYER LOCATION WITH NEW HOOKUPS. CORE EXTERIOR CONCRETE WALL FOR DRYER VENT. PROVIDE NEW VANDAL RESISTANT DRYER HOOD AND SECURITY GRILL COVER ON OUTSIDE FACE OF BUILDING.
- NEW SANITARY NAPKIN DISPENSER.
- NEW METAL LOCKERS ON EXISTING CONCRETE BASES - SEE LEGEND.
- NEW WOOD BENCHES ON EXISTING STEEL LEGS. SEE SPEC.
- NEW 24"x48" ACCESSIBLE BENCH ON NEW STEEL LEGS. SEE SPEC.

LEGEND:
ALL LEGEND ITEMS MAY NOT BE USED ON THIS SHEET.

KEYPLAN:

EXISTING PORCELAIN FLOOR TILE TO REMAIN. PROTECT IN PLACE.

NEW CONCRETE SLAB AND EPOXY FLOORING. SEE KEYNOTES FOR ADDITIONAL INFORMATION.

(N) 12"x12"x30" 2-TIER LOCKERS ANCHORED INTO EXISTING CONCRETE CURB PER SPECIFICATIONS. PROVIDE COLOR MATCHED VENTED CLOSURE PANEL AS NOTED. SEE DETAIL 12A/133 FOR MORE INFORMATION.

(N) 12"x12"x24" 3-TIER LOCKERS ANCHORED INTO EXISTING CONCRETE CURB PER SPECIFICATIONS. PROVIDE COLOR MATCHED VENTED CLOSURE PANEL AS NOTED. SEE DETAIL 14A/133 FOR MORE INFORMATION.

PLUMBING FIXTURE LOCATION IS BEING RELOCATED ON WALL, CURB DEMO AND REPLACEMENT, CARRIER DEMO AND REPLACEMENT, STUD RELOCATION REPLACEMENT, WATER SUPPLY AND SEWER PIPING MODIFICATION IS REQUIRED. CONTRACTORS SHALL BID NOTED FIXTURES AS A COMPLETELY NEW LOCATION.

PROVIDE NEW CERAMIC WALL TILE WAINSCOT OVER NEW 5/8" GYP. GREEN BOARD. CONTRACTOR SHALL FURR OUT GYP. BOARD SO THAT FINISH FACE OF GYP. BOARD MATCHES FACE OF EXISTING CONCRETE CURB.

AGENCY APPROVAL

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CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023

DATE: 06/19/2023
JOB NO.: Y2243.00
SHEET TITLE
ENLARGED BOYS LOCKER ROOM ALTERATION PLAN
SHEET NO. A133

GENERAL NOTES:

- 1. COORDINATE ALL KITCHEN EQUIPMENT REMOVAL WITH DISTRICT. COORDINATE WHICH ITEMS TO SALVAGE ITEMS BACK TO DISTRICT AND DISPOSE OF ITEMS NOT SALVAGED.
- 2. THOROUGHLY CLEAN, PRIME AND PREPARE ALL SURFACES RECEIVING PAINT. REMOVE OR PROTECT WALL AND CEILING MOUNTED EQUIPMENT IN PLACE PRIOR TO PAINTING.
- 3. PATCH AND REPAIR ALL SURFACES AND SUBSTRATES DAMAGED BY THE EXECUTION OF THE DEMOLITION WORK OR THE NEW WORK TO AN ACCEPTABLE FINISHED CONDITION MATCHING ADJACENT SURFACES/FINISHES AS REQUIRED.
- 4. EXISTING WALLS AND STRUCTURAL COLUMNS TO REMAIN. SAW-CUT (E) CONCRETE SLAB AS CLOSE AS POSSIBLE TAKING CARE NOT TO DISTURB (E) WORK TO REMAIN. WHERE (E) FOUNDATION WORK OR CONCRETE PIERS MAY BE ATTACHED TO SLAB, CAREFULLY CHIP SLAB TO A MINIMUM OF 4" BELOW TOP OF SLAB UP TO SAW-CUT TO ACCOMMODATE NEW CONCRETE SLAB INFILL.
- 5. REFER TO STRUCTURAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL SCOPE ITEMS. SEE KITCHEN PLANS FOR NEW EQUIPMENT LOCATIONS.
- 6. IN ORDER TO PERFORM FLOORING SCOPE, REMOVE ALL EQUIPMENT, TRASH RECEPTACLS, PORTABLE RACKS, AND ANY OTHER MISC. STORAGE ITEMS. NOT ALL EQUIPMENT WILL BE SHOWN. SIZES MAY VARY. FIELD VERIFY PRIOR TO REMOVAL.

DEMOLITION KEYNOTES:

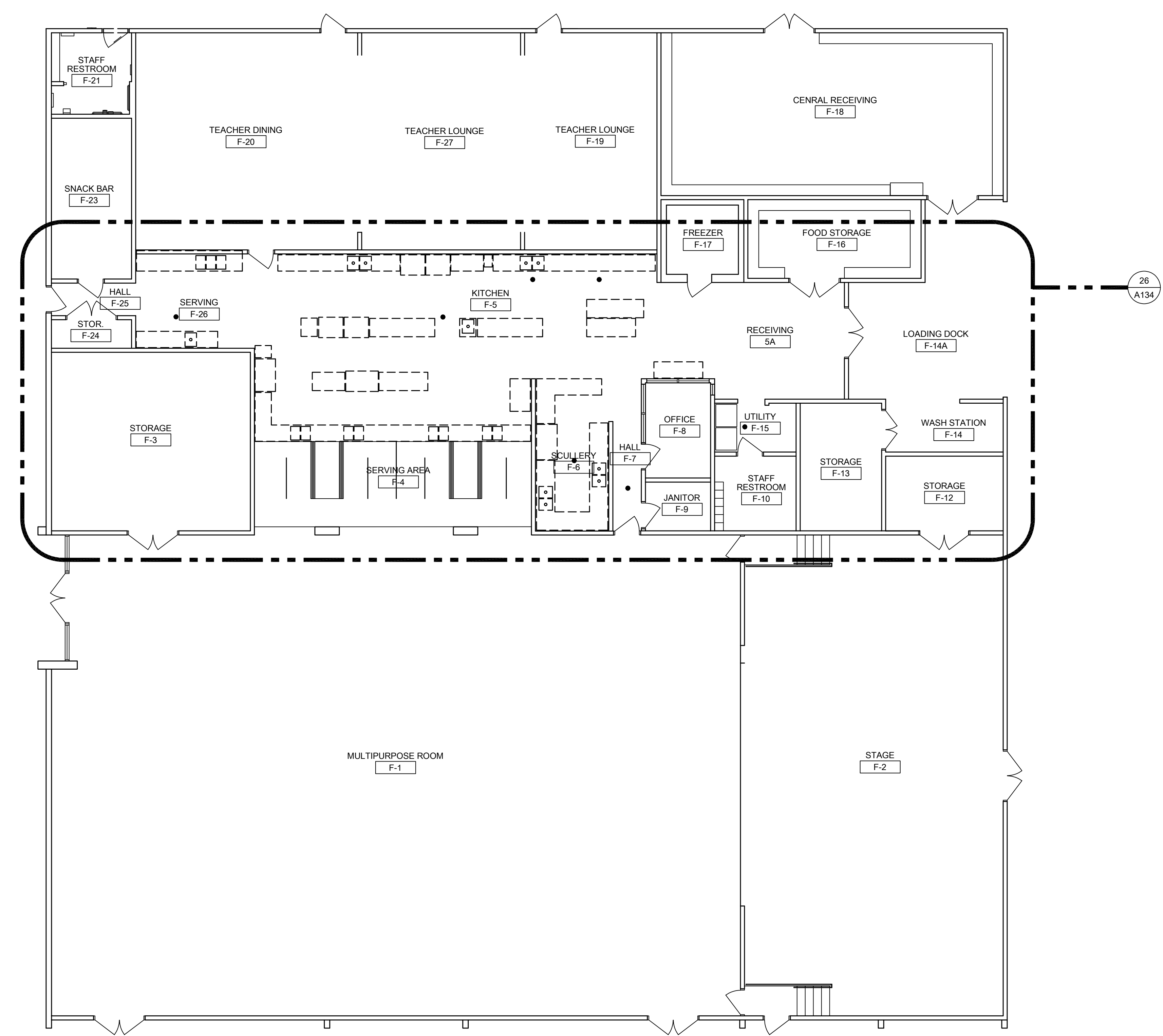
ALL KEYNOTES MAY NOT BE USED ON THIS SHEET.

- 1 DEMO EXISTING STAINLESS STEEL KITCHEN EQUIPMENT
- 2 DEMO EXISTING GREASE TRAP.
- 3 DEMO EXISTING FLOOR DRAIN OR CLEANOUT. SEE PLUMBING DRAWINGS.
- 4 DEMO EXISTING HOOD ABOVE.
- 5 DEMO EXISTING SINK.
- 6 REMOVE EXISTING OVENS OR WARMERS. DISCONNECT FROM GAS SOURCE.
- 7 REMOVE EXISTING STAINLESS STEEL BACKSPASH.
- 8 EXISTING FIRE EXTINGUISHER LOCATION. RELOCATE PER KITCHEN PLANS AND INSTALL NEW SIGNAGE RELATED TO EXTINGUISHER.
- 9 REMOVE EXISTING FRIDGE OR FREEZER UNIT.
- 10 REMOVE EXISTING ROLLING RACK.
- 11 REMOVE EXISTING DISH SANITIZER.
- 12 REMOVE EXISTING WASHER AND DRYER TO PERFORM FLOORING WORK. REINSTALL.

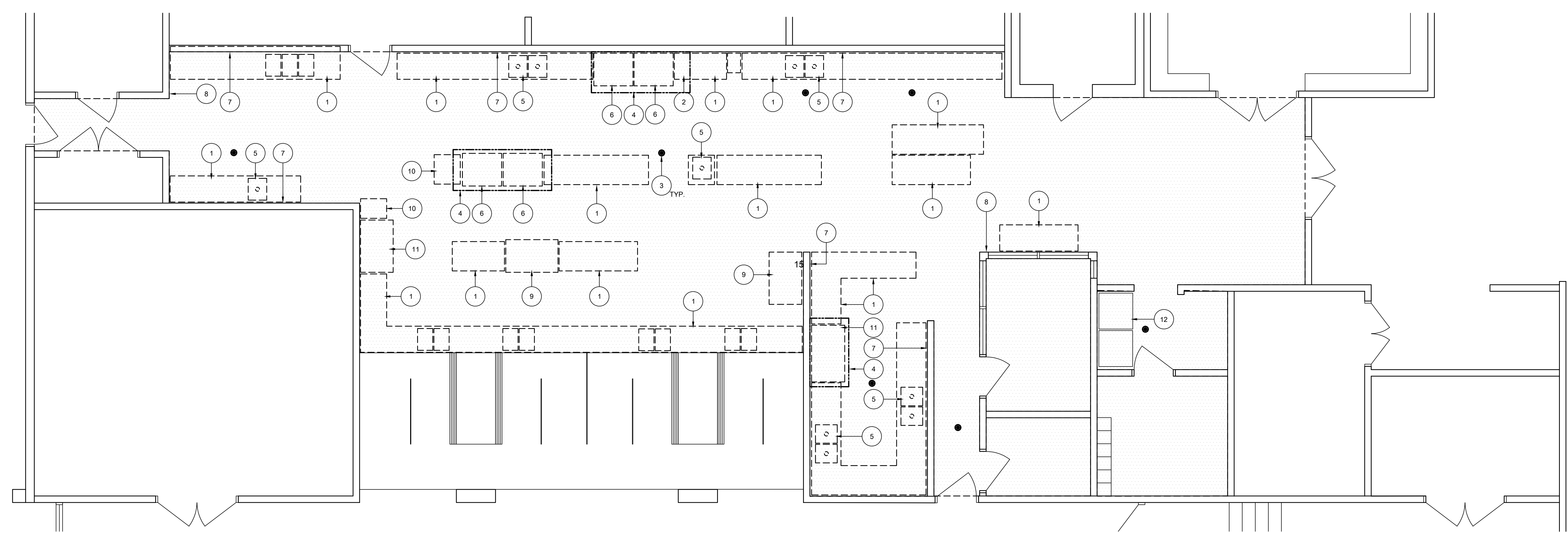
LEGEND:

ALL LEGEND ITEMS MAY NOT BE USED ON THIS SHEET.

- DEMOS (E) KITCHEN EQUIPMENT. SEE KITCHEN DRAWINGS FOR EQUIPMENT BEING SALVAGED AND REINSTALLED.
- DEMOS ENTIRE EPOXY-COATED CONCRETE SLAB OR TILE FLOORING AND COVERED BASE WALL-TO-WALL, IN ORDER TO REPLACE ALL UNDERGROUND UTILITIES AS SHOWN ON PLUMBING DRAWING
- DEMOS EXISTING HOOD OR EQUIPMENT DUCTS
- DEMOS EXISTING FLOOR DRAIN OR CLEANOUT. CAP OR MOVE AS REQUIRED IN NEW KITCHEN LAYOUT.



28 BUILDING F - OVERALL FLOORPLAN
SCALE: 1/8" = 1'-0"



26 KITCHEN DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

AGENCY APPROVAL

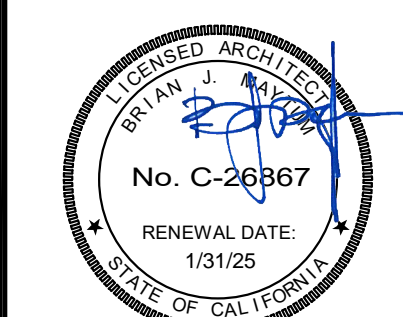
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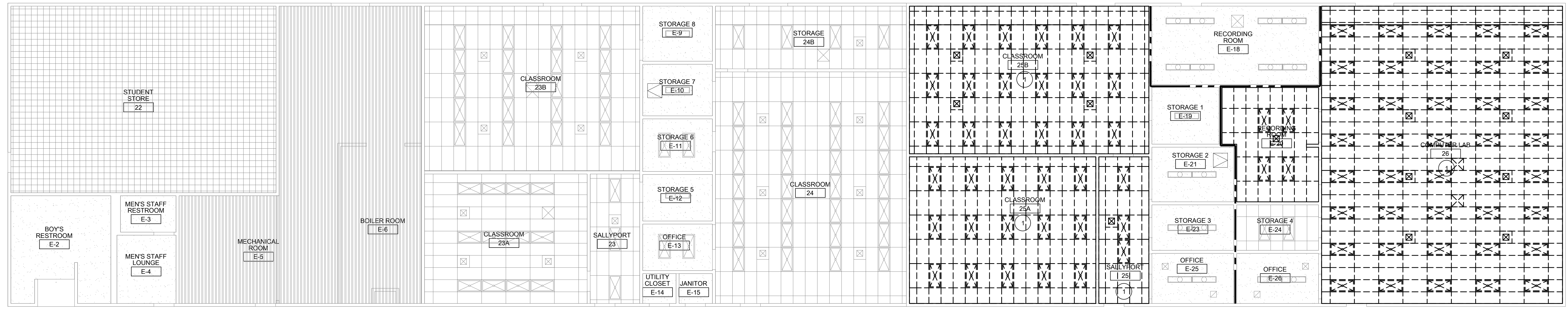
REVISIONS		
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1	DSA SUBMITTAL SET	12/22/2022
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DATE: 06/19/2023
JOB NO.: Y2243.00
SHEET TITLE

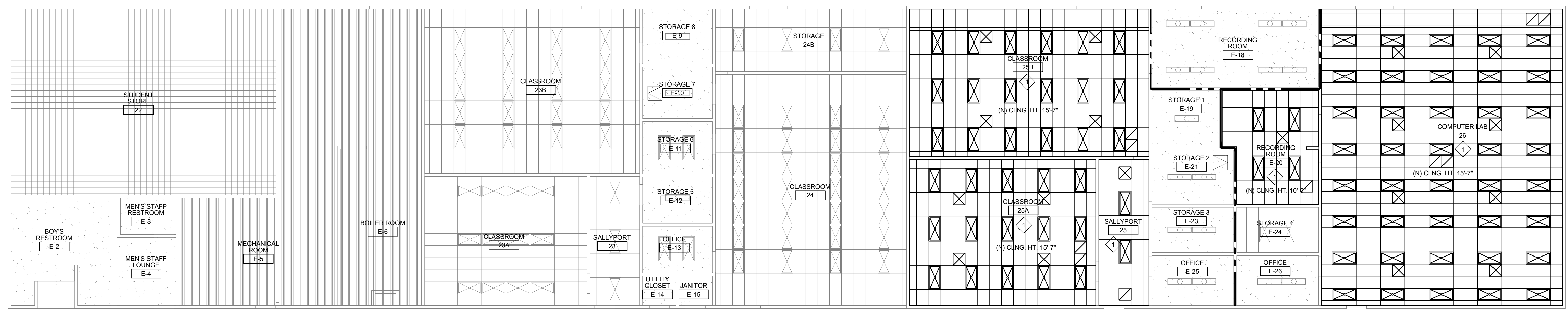
KITCHEN EQUIPMENT
DEMOLITION PLAN

SHEET NO.

A134D



29 CEILING PLAN - DEMOLITION
 SCALE: 1/8" = 1'-0"



27 CEILING PLAN - ALTERATION
 SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES:

- CONTRACTOR SHALL NOTE THAT THERE IS SIGNIFICANT SCOPE OF WORK BY MULTIPLE TRADES OCCURRING ABOVE THE EXISTING T-BAR CEILING TO REMAIN. CONTRACTOR TO PROTECT ALL CEILING EQUIPMENT DURING REMOVAL AND REINSTALLATION OF HVAC DUCT REPLACEMENT, CONDUIT INSTALLATION, FIRE ALARM WORK, ETC. CONTRACTOR SHALL REMOVE AND REINSTALL EXISTING T-BAR CEILING RUNNERS AND ACOUSTICAL CEILING TILES AS REQUIRED FOR NEW WORK. PROVIDE ALLOWANCE FOR (10) ACOUSTIC 2'X4' CEILING TILE REPLACEMENTS PER ROOM IN ADDITION TO WHAT IS REQUIRED BY KEYNOTES.
- SEE ELECTRICAL PLANS FOR DEMO WORK AND NEW SENSORS. CONTRACTOR TO REMOVE EXISTING LIGHTING AS REQUIRED TO COMPLETE HVAC WORK.
- SEE MECHANICAL PLANS FOR DEMOLITION OF EXISTING EQUIPMENT. INSTALLATION OF NEW EXHAUST FAN LOCATIONS, NEW CEILING/SOFFIT MOUNTED EXHAUST FANS, VENTS AND DUCTS.
- PATCH AND REPAIR EXISTING CEILING AREAS TO MATCH EXISTING AS REQUIRED AT ALL CEILING AREAS EFFECTED BY ANY NEW WORK UNDER THIS CONTRACT.
- AT ALL THERMOSTATS BEING REMOVED AND REPLACED. PATCH AND REPAIR VINYL WALL COVERING INCLUDING CUTTING IN NEW VINYL PIECE.

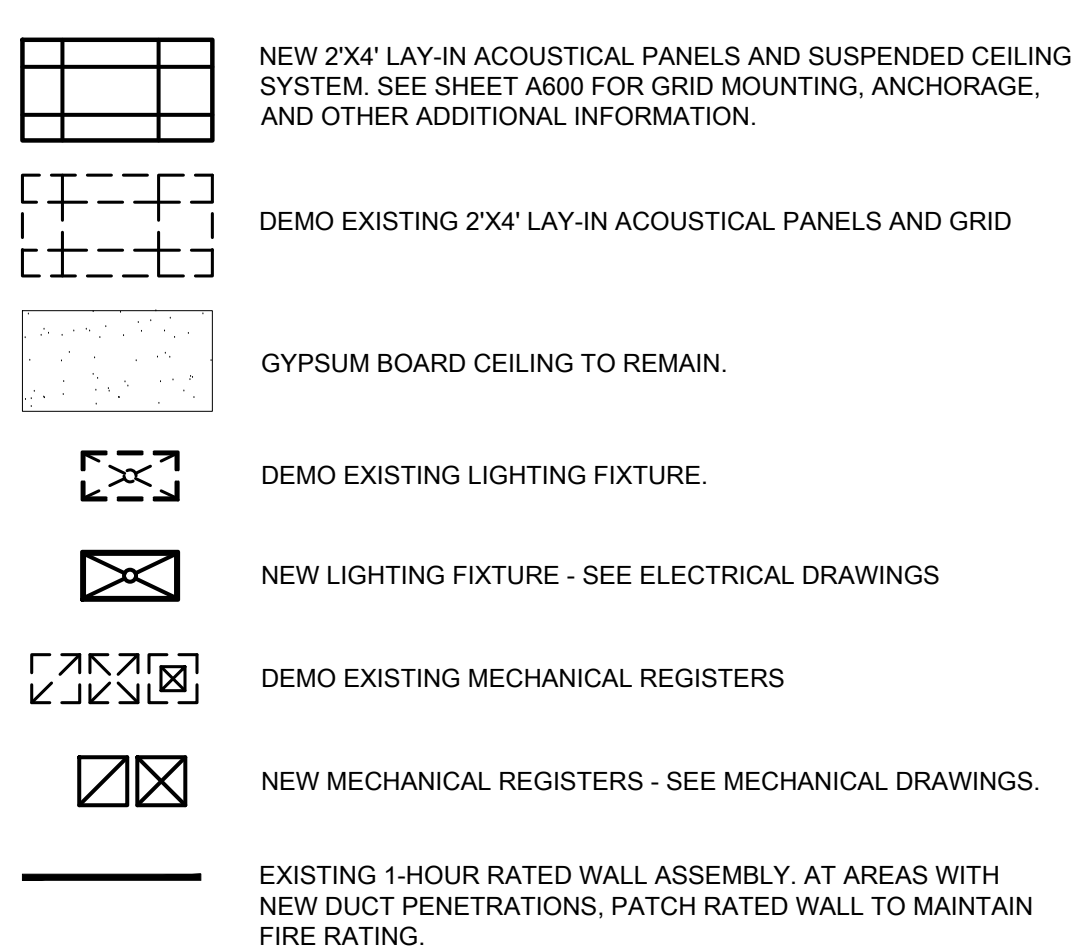
DEMOLITION KEYNOTES:

- KEYNOTES FOR THIS SHEET ONLY.
- REMOVE EXISTING T-BAR CEILING GRID AND PANELS, HANGERS, WIRES, COMPRESSION STRUTS, LIGHT FIXTURES, VENTS, EXHAUST FANS, AND ALL CEILING-MOUNTED ELECTRIC, FIRE ALARM, AND AUDIOVISUAL EQUIPMENT. TO PERFORM NEW MECHANICAL WORK. COORDINATE WITH DISTRICT FOR ITEMS OWNER WOULD LIKE TO SALVAGE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR NEW AND RELOCATED FIXTURES AND EQUIPMENT.
 - DEMO PORTION OF EXISTING GYP. BOARD CEILING TO INSTALL NEW VENTS PER MECHANICAL DRAWINGS.

ALTERATION KEYNOTES:

- KEYNOTES FOR THIS SHEET ONLY.
- NEW T-BAR CEILING SYSTEM, INCLUDING BUT NOT LIMITED TO GRID, HANGERS, WIRES, COMPRESSION STRUTS, ACOUSTIC CEILING TILES, ETC. INSTALL NEW LIGHTS AND GRILLES PER MECHANICAL AND ELECTRICAL DRAWINGS (THIS IS IN ACCORDANCE WITH DSA IR 25-2.13, ITEM 4 AND EXCEPTION. INSTALL NEW LATERAL BRACING AT 12'-0" MAXIMUM SPACING.) SEE A600 FOR T-BAR CEILING DETAILS AND TABLES.

CEILING LEGEND:



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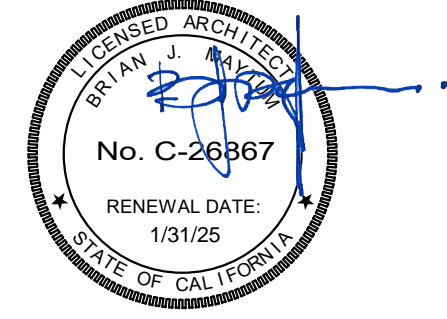
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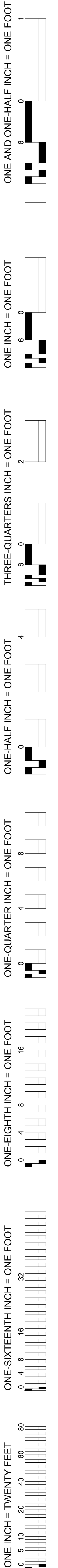
JOB NO.: Y2243.00

SHEET TITLE

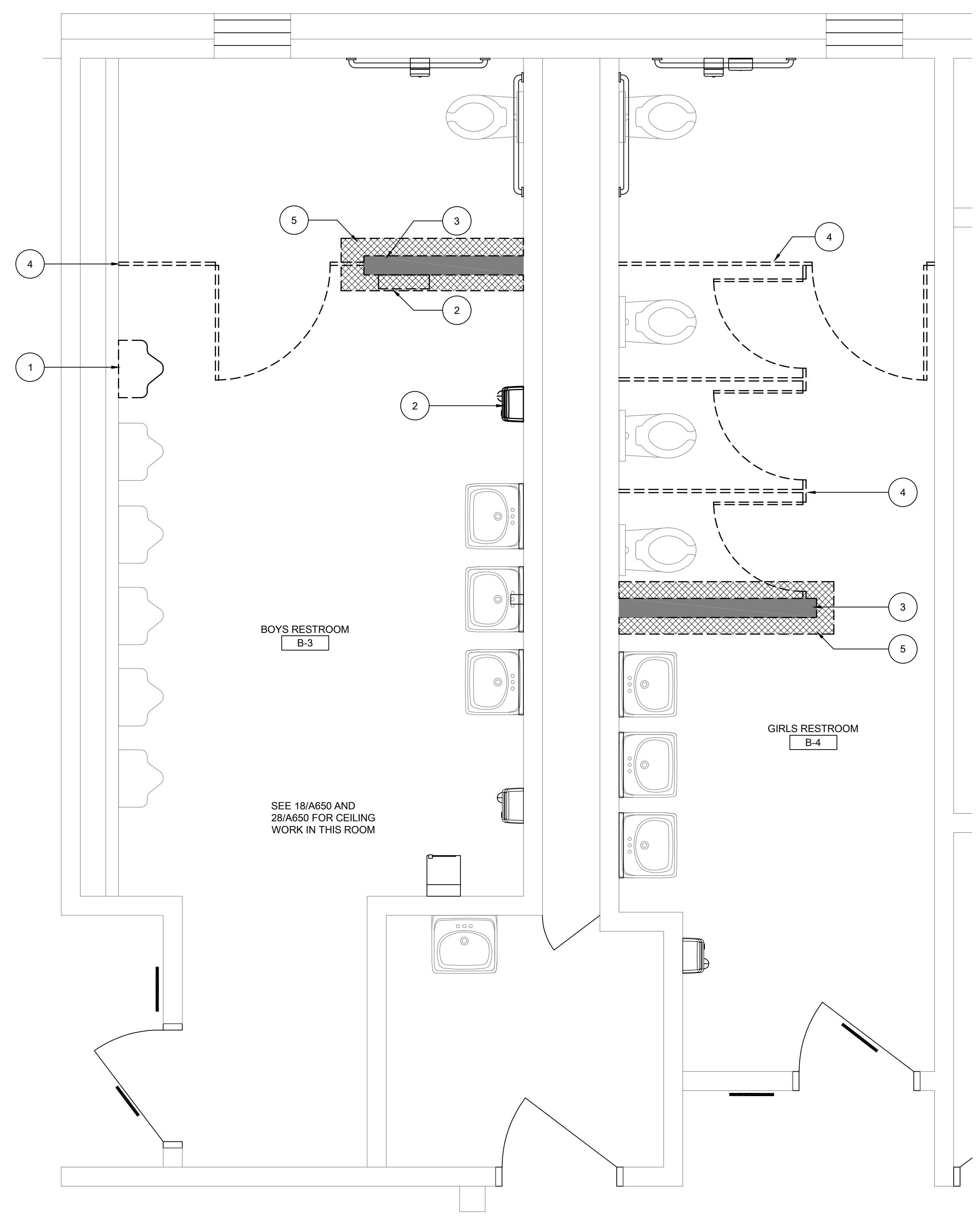
REFLECTED
 CEILING PLANS
 DEMOLITION AND NEW

SHEET NO.

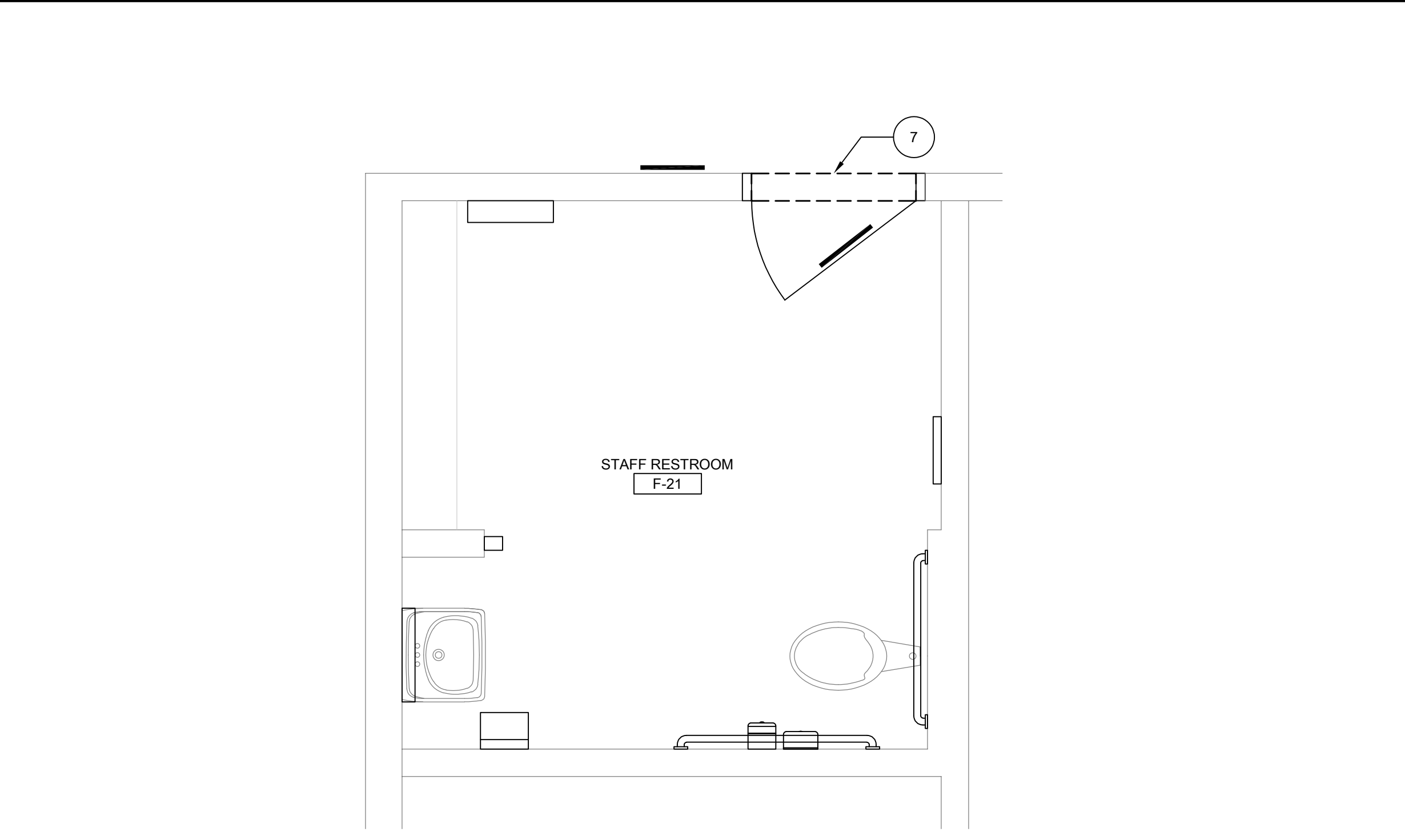
A210



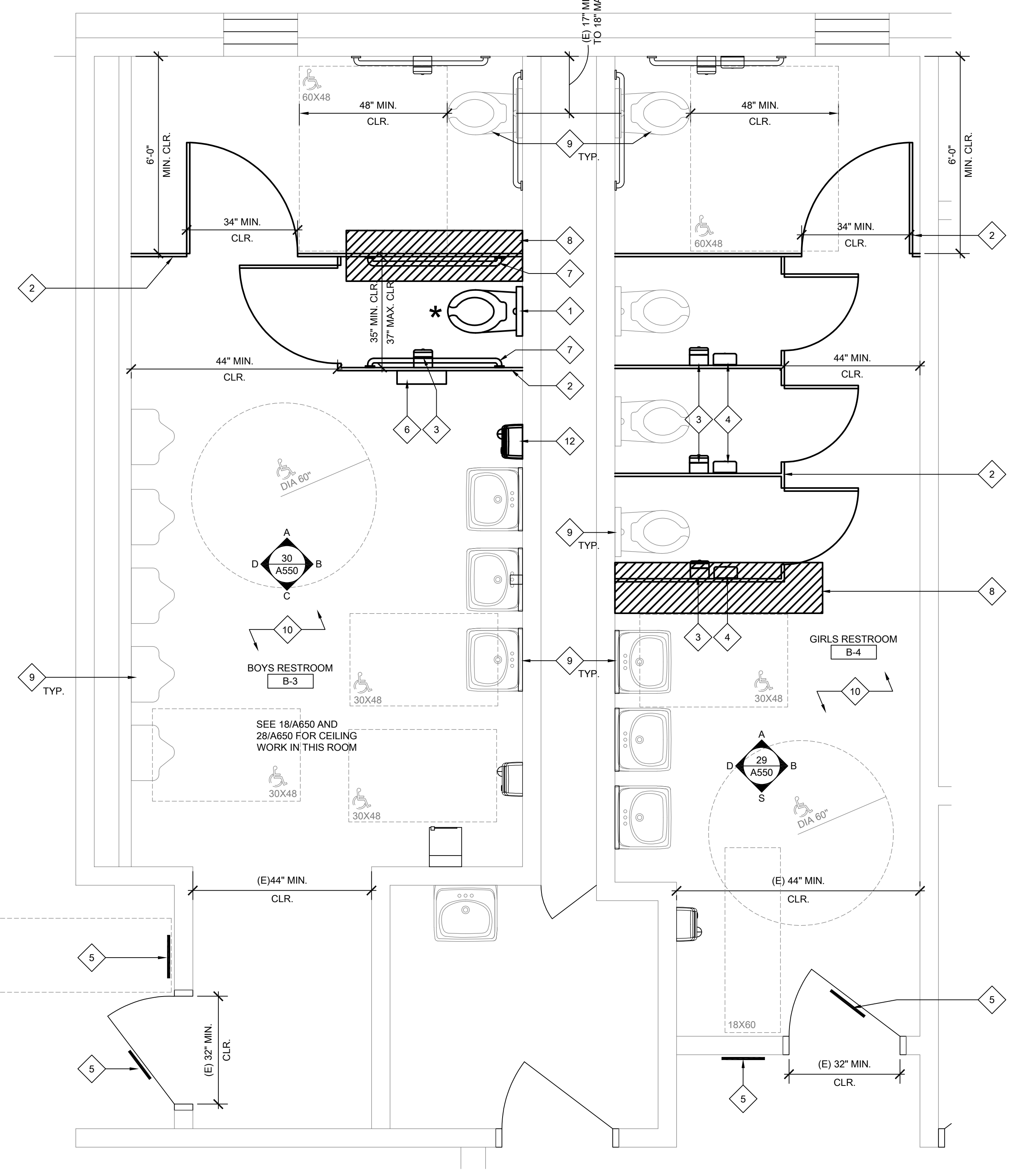
ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
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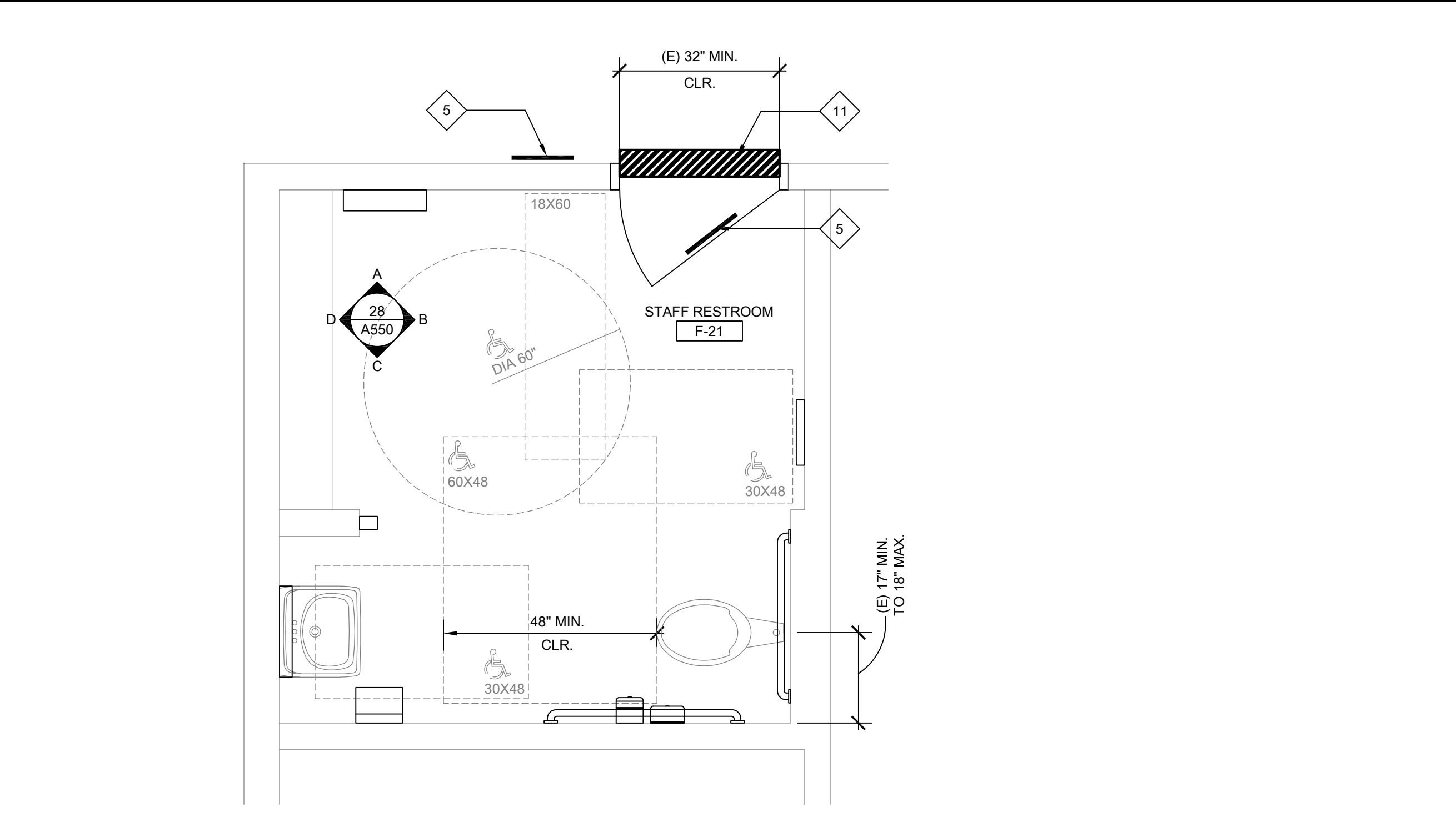
28 BOYS AND GIRL'S RESTROOM ENLARGED PLAN - DEMOLITION PLAN
 SCALE: 1/2" = 1'-0"



26 BOYS AND GIRL'S RESTROOM ENLARGED PLAN - DEMOLITION PLAN
 SCALE: 1/2" = 1'-0"



18 BOYS AND GIRL'S RESTROOM ENLARGED PLAN - ALTERATION PLAN
 SCALE: 1/2" = 1'-0"



16 BOYS AND GIRL'S RESTROOM ENLARGED PLAN - ALTERATION PLAN
 SCALE: 1/2" = 1'-0"

SHEET NOTES:

- U.O.N. ALL (N) PLUMBING FIXTURES AND VALVES SHOWN SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR. OWNER HAS SALVAGE RIGHTS TO REMOVED VALVES, FAUCETS, AND FIXTURES. CONTRACTOR SHALL DISPOSE OF ALL EQUIPMENT NOT SALVAGED BY DISTRICT.
- AT (N) FIXTURES ALONG PLUMBING CHASE WALLS, CONTRACTOR RECD TO REMOVE LARGE PORTIONS OF FRAMING AND REPLACE ONCE PLUMBING WORKS COMPLETE.
- ALL (E) WALL ACCESSORIES SHALL BE PROTECTED DURING DEMOLITION AND ACCOMMODATED IN (N) WALL FINISH WORK TO MAINTAIN FUNCTION. PROVIDE (N) STAINLESS STEEL SWITCH PLATES AND DUPLEX OUTLET PLATES TYP. THROUGHOUT.
- CAULK NEW PLUMBING FIXTURES TO WALL WITH HIGH GRADE SILICON BASED SEALANT (COLOR-WHITE).
- AT WET LOCATIONS AND BEHIND CERAMIC TILE, PROVIDE 5/8" WATER RESISTANT GREEN BOARD. CONTRACTOR SHALL ADJUST SPUD AS REQ'D FOR (N) WALL FINISH SURFACE ELEVATION. AT LOCATIONS WHERE SPUDS ARE FROZEN IN PLACE, CONTRACTOR SHALL CHIP OUT SPUD AND REPLACE.
- CONTRACTOR SHALL FLOAT ALL (E) GYP. BOARD/PLASTER CEILING SURFACES - SEE SPEC SECTION 09 21 16 FOR FINISH LEVEL. REMOVE AND REINSTALL CEILING MOUNTED EQUIPMENT AS REQ'D.
- WHERE (N) SIGNAGE IS INDICATED ON PLANS TO BE PROVIDED, CONTRACTOR SHALL REMOVE ALL (E) TOILET ROOM SIGNAGE AND PROVIDE (N) AS INDICATED.
- ACCESSIBLE COMPARTMENTS SHALL PROVIDE A TOE CLEARANCE OF 12" MIN. ABOVE FLOOR (11B-604.8.1.4).
- AT THE END OF EACH CONSTRUCTION PHASE, IN THE PRESENCE OF INSPECTOR, CAMERA ALL SANITARY SEWER LINES TO A DISTANCE OF 100FT OR NEAREST EXTERIOR CLEAN OUT, WHICHEVER IS FURTHER. IF DEBRIS IS FOUND IN LINE, CONTRACTOR SHALL AUGER LINE. AFTER AUGERING, LINE SHALL BE CAMERAD AGAIN TO CONFIRM THE DEBRIS HAS BEEN REMOVED FROM PIPE. CAMERAS SHALL BE DIGITALLY RECORDED AND PROVIDED TO THE DISTRICT ON A DVD OR FLASH DRIVE. CAMERA DEVICES SHALL BE CAPABLE OF DIRECTLY RECORDING INFO. SECONDARY DEVICES SHALL NOT BE ACCEPTED. AUDIO VOICE SHALL BE RECORDED DURING EACH INSPECTION BY THE OPERATING TECHNICIAN AND SHALL INCLUDE SEWER LOCATION, IDENTIFICATION OF START AND END POINTS OR CLEANOUTS MEASUREMENT FOR LOCATION OF DEFECTS AND ACTUAL LENGTH OF PIPE SHALL BE BY MEANS OF A CALIBRATED METER ON THE CAMERA WITH A DIGITAL READOUT ON THE VIDEO MONITOR. IN ORDER TO MEASURE ANY SAGS OR BELLES IN PIPE, CAMERA SHALL BE EQUIPPED WITH A MEASURING DEVICE CAPABLE OF ACCURATELY MEASURING THE DEPTH OF STANDING WATER UP TO 3".
- PROVIDE WATER HAMMER ARRESTORS AT ALL NEW AND EXISTING PLUMBING FIXTURE LINES. SIZE AND SPACE PER SPEC SECTION 22 10 00-2.05 AND 3.09.
- AT ALL CEILINGS TO BE PATCHED, CONTRACTOR SHALL REMOVE, CLEAN, AND REINSTALL (E) LIGHT FIXTURES (INCLUDING LENSES), FIRE ALARM DEVICES, MOTION SENSORS, GRILLS, REGISTERS, ETC. ADJUST FOR (N) WALL/CEILING THICKNESS.
- SEE SHEET 28/A550 FOR ALL EQUIPMENT MOUNTING HEIGHTS.
- AT ALL INTERIOR WALLS/CEILINGS WHERE (E) FINISH IS DEMO'D, PROVIDE (N) BATT INSULATION IN ALL STUD CAVITIES PRIOR TO PLACEMENT OF (N) WALL FINISHES.

DEMOLITION KEYNOTES:

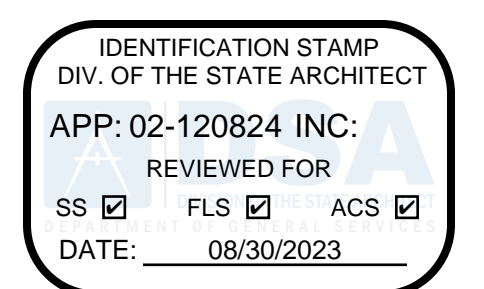
- ALL KEYNOTES MAY NOT BE USED ON THIS SHEET.
- DEMO (E) URINAL - CUT AND CAP UNUSED LINE. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - REMOVE AND RELOCATE EXISTING HAND DRYER DOWN ONE STUD BAY. PATCH AREA WHERE DRYER WAS REMOVED.
 - DEMO INTERIOR WALL AND PORTION OF ADJACENT WALL AND FLOORING FINISHES.
 - DEMO (E) TOILET PARTITION SYSTEM AND ALL ATTACHED TOILET ACCESSORIES. PATCH AND REPAIR FLOOR AND WALL ABANDONED MOUNTING LOCATIONS.
 - DEMO PORTION OF (E) TILE FLOORING AS REQUIRED. CLEAN AND PREP FOR TO RECEIVE NEW TILE FLOORING TO BEST MATCH (E).
 - DEMO (E) DOOR AND HARDWARE. DOOR FRAME TO REMAIN. PROTECT IN PLACE.
 - DEMO (E) DOOR THRESHOLD
 - REMOVE (E) SANITARY NAPKIN DISPENSER AND SALVAGE FOR RELOCATION. SEE ALTERATION PLAN FOR NEW LOCATION.

NEW WORK KEYNOTES:

- NOT ALL KEYNOTES USED.
- NEW WALL MOUNTED TOILET. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.
 - NEW TOILET PARTITION SYSTEM. PROVIDE SOLID BACKING AT ALL ANCHORAGE WALL AND CEILING LOCATIONS PER DETAIL 27/A550. PROVIDE MANUFACTURER'S STAINLESS STEEL AT FREE PANEL ENDS.
 - NEW TOILET PAPER DISPENSER - SEE INTERIOR RESTROOM ELEVATIONS FOR LOCATIONS AND 28/A550 FOR MOUNTING HEIGHTS.
 - NEW SANITARY NAPKIN DISPOSAL RECEPTOR - SEE INTERIOR RESTROOM ELEVATIONS FOR LOCATIONS AND 28/A550 FOR MOUNTING HEIGHTS.
 - NEW RESTROOM SIGNAGE. SEE DETAIL 6/A550.
 - INSTALL RELOCATED SANITARY NAPKIN DISPENSER - SEE INTERIOR RESTROOM ELEVATIONS FOR LOCATIONS AND 28/A550 FOR MOUNTING HEIGHTS.
 - NEW 42" GRAB BAR MOUNTED TO NEW TOILET PARTITION.
 - PATCH (E) TILE FLOORING TO BEST MATCH EXISTING. FLOORING TO BE FLUSH TO EXISTING FLOORING ON ALL SIDES.
 - EXISTING PLUMBING FIXTURE TO REMAIN. PROTECT IN PLACE.
 - THOROUGHLY CLEAN ALL NEW AND EXISTING TILE FLOORS AND WALLS.
 - NEW HALF-SADDLE DOOR THRESHOLD. SEE DETAIL 7/A550.
 - INSTALL RELOCATED HAND DRYER ONE STUD BAY DOWN FROM ORIGINAL LOCATION. PATCH AREA WHERE HAND DRYER WAS REMOVED. RELOCATE POWER IN WALL TO NEW LOCATION.

LEGEND:

- (E) WORK TO BE DEMOLISHED
- (E) WALL TO BE DEMOLISHED
- EXISTING TILE FLOORING TO BE DEMOLISHED AS REQUIRED TO PERFORM WORK.
- PATCH TILE FLOORING TO BEST MATCH EXISTING. EDGES SHALL BE FLUSH TO EXISTING FLOORING.
- (N) PLUMBING FIXTURE LOCATION INCLUDING, BUT IS NOT LIMITED TO: CURB DEMO AND REPLACEMENT, CARRIER DEMO AND REPLACEMENT, STUD RELOCATION, OR REPLACEMENT, AND MODIFICATION TO WATER SUPPLY AND SEWER PIPING. CONTRACTORS SHALL BID NOTED FIXTURES AS A COMPLETELY NEW LOCATION.
- NEW THRESHOLD. SEE KEYNOTE 11 FOR ADDITIONAL INFORMATION.



AGENCY APPROVAL

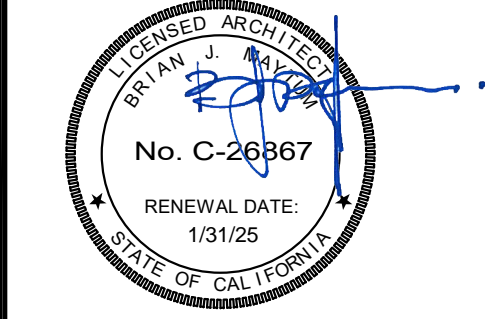
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 SHEET TITLE

ENLARGED
 RESTROOM PLANS

SHEET NO.

A520

BID PACKAGE A

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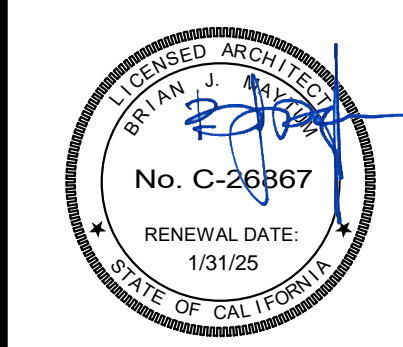
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 JOB NO.: Y2243.00
 SHEET TITLE

CEILING DETAILS

SHEET NO.

A600

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
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IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 37 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

STRUCTURAL SYSTEM OF FLOOR/ ROOF ABOVE SUSPENDED CEILING	APPLICABLE DETAIL
BARE METAL DECK	5.20
CONCRETE OVER METAL DECK	5.21
CONCRETE SLAB, BEAM, OR JOIST	5.30
STRUCTURAL STEEL	5.40
SAWN TIMBER WITH GYPSUM BOARD	5.50
SAWN TIMBER WITHOUT GYPSUM BOARD	5.51
WOOD JOIST	5.52

Detail Title: **COMPRESSION STRUT CONNECTION TABLE** REV: 09/21/2015 Detail No: 5.10
 REV: 03/20/22

27 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 38 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

OPTION 1

OPTION 2

OPTION 3

Detail Title: **HANGER WIRE CONNECTION TO CONCRETE OVER METAL DECK** REV: 09/21/2015 Detail No: 4.21
 REV: 03/20/22

22 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 37 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

STRUCTURAL SYSTEM OF FLOOR/ ROOF ABOVE SUSPENDED CEILING	APPLICABLE HANGER WIRE DETAIL	APPLICABLE BRACE WIRE DETAIL
BARE METAL DECK	4.20	4.30
CONCRETE OVER METAL DECK	4.21	4.30 & 4.31
CONCRETE SLAB, BEAM, OR JOIST	4.22	4.32
STRUCTURAL STEEL	4.23	4.33
METAL STUD WALL	4.24	4.34
SAWN TIMBER	4.25 & 4.29	4.35
WOOD JOIST	4.26	4.36 & 4.37
WOOD CHORD TRUSS	4.27 & 4.29	4.38 & 4.29
OPEN WEB STEEL JOIST	4.28 & 4.29	4.39 & 4.29

Detail Title: **HANGER AND BRACE WIRE CONNECTION TABLE** REV: 09/21/2015 Detail No: 4.11
 REV: 03/20/22

17 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 38 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

HANGER WIRE

BRACE WIRE

Detail Title: **HANGER AND BRACE WIRE CONNECTION - TYP. WIRE TURNS** REV: 09/21/2015 Detail No: 4.10
 REV: 03/20/22

12 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 35 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

COMPRESSION STRUT EMT SECTION	MAXIMUM LENGTH	COMPRESSION STRUT CHANNEL SECTION	MAXIMUM LENGTH
1/2" DIAMETER EMT (0.062" WALL THICKNESS)	3' - 11"	250S125-23	6' - 10"
3/4" DIAMETER EMT (0.064" WALL THICKNESS)	6' - 4"	250S137-23	6' - 10"
1" DIAMETER EMT (0.07" WALL THICKNESS)	9' - 0"	302S137-23	6' - 0"
1.1/2" DIAMETER EMT (0.085" WALL THICKNESS)	12' - 0"	250S137-43	6' - 10"
2" DIAMETER EMT (0.095" WALL THICKNESS)	16' - 0"	400S137-43	10' - 10"

Detail Title: **COMPRESSION STRUT TABLE** REV: 09/21/2015 Detail No: 3.21
 REV: 03/20/22

7 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 34 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

OPTION 1 & 3

OPTION 2

Detail Title: **COMPRESSION STRUT - EMT TYPE** REV: 09/21/2015 Detail No: 3.20
 REV: 03/20/22

2 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 37 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

SECTION A-A

Detail Title: **COMPRESSION STRUT - CHANNEL TYPE** REV: 09/21/2015 Detail No: 3.10
 REV: 03/20/22

20 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 31 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

Detail Title: **LUMINAIRE / AIR TERMINAL SUPPORT** REV: 09/21/2015 Detail No: 2.80
 REV: 03/20/22

21 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 30 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

ATTACHED JOINT

FREE JOINT

STABILIZER (SEE NOTE 3)

Detail Title: **CEILING PERIMETER** REV: 09/21/2015 Detail No: 2.60
 REV: 03/20/22

16 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 28 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

EXPANSION JOINT

EXPANSION JOINT ALTERNATE

Detail Title: **EXPANSION JOINT (SCHOOL BUILDING)** REV: 09/21/2015 Detail No: 2.40
 REV: 03/20/22

11 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 28 of 71

SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

SUSPENSION AND LATERAL BRACING ASSEMBLY

Detail Title: **SUSPENSION AND LATERAL BRACING ASSEMBLY** REV: 09/21/2015 Detail No: 2.35
 REV: 03/20/22

6 SCALE: N.T.S.

IR 25-2 (Revised 03/18/22) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 22 of 71

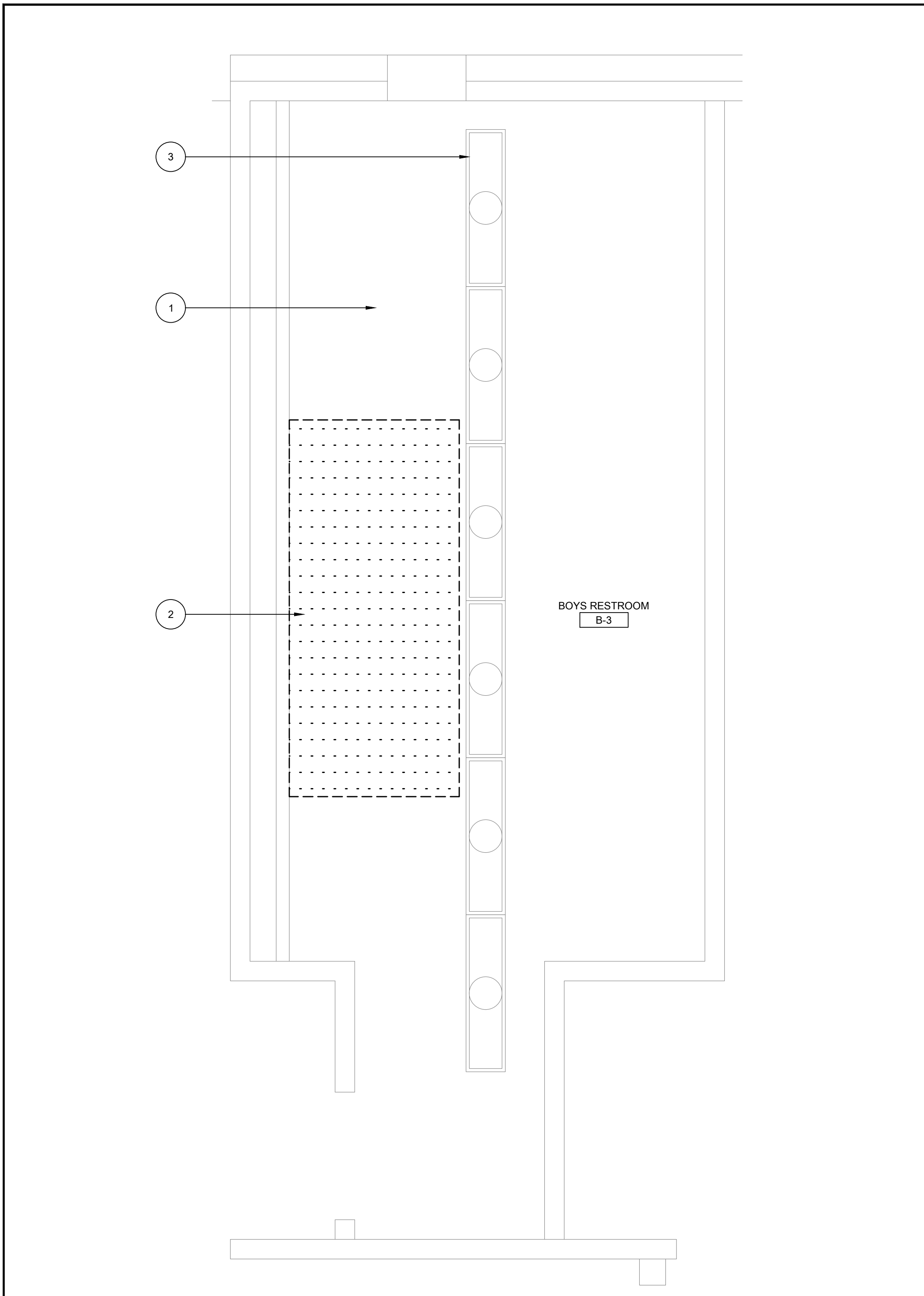
SUSPENDED LAY-IN PANEL CEILING: 2019 CBC

TYP. CEILING PLAN FOR 12'-0" X 12'-0" BRACE ASSEMBLY SPACING

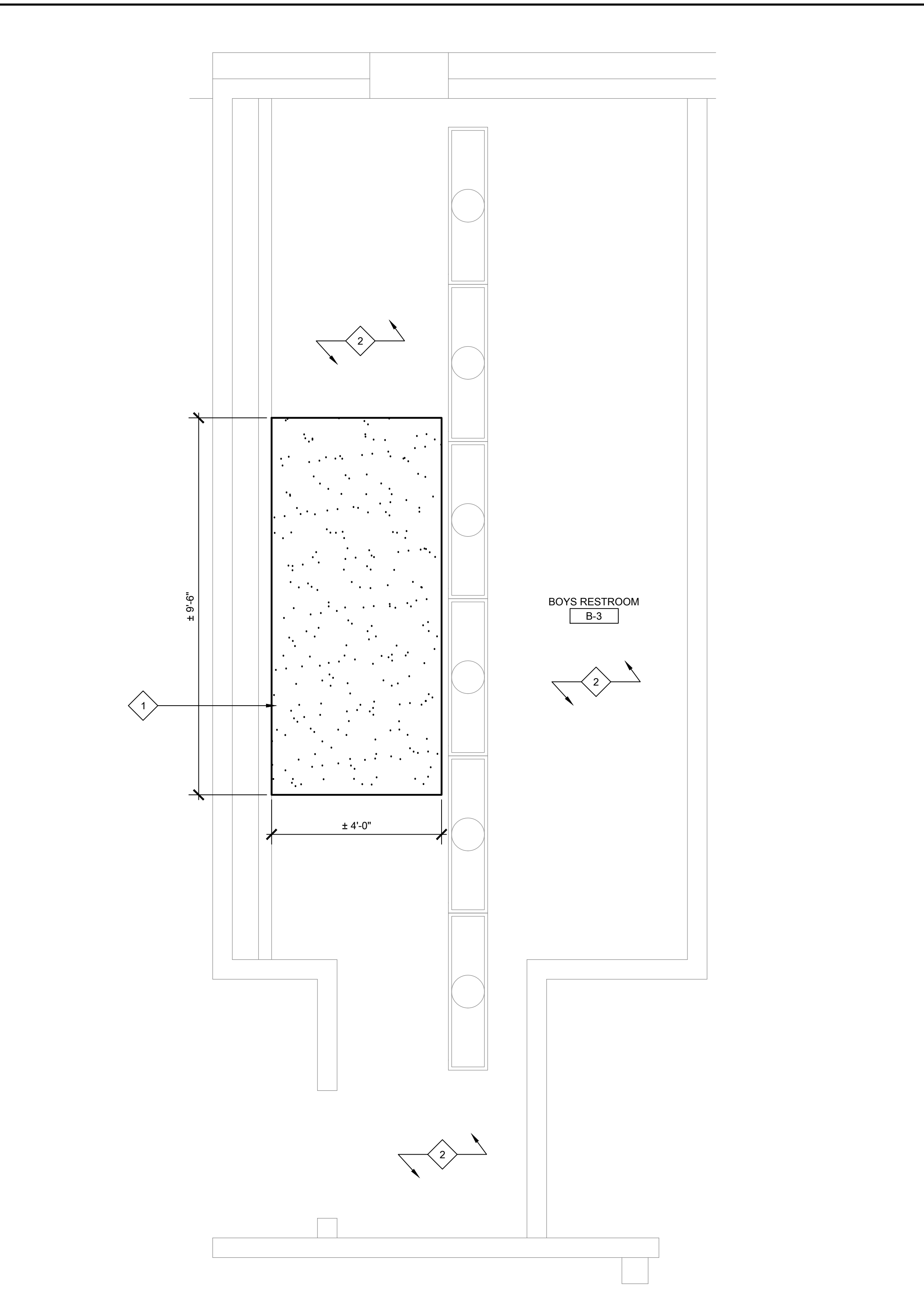
Detail Title: **TYP. CEILING PLAN FOR 12'-0" X 12'-0" BRACE ASSEMBLY SPACING** REV: 09/21/2015 Detail No: 2.12
 REV: 03/20/22

1 SCALE: N.T.S.

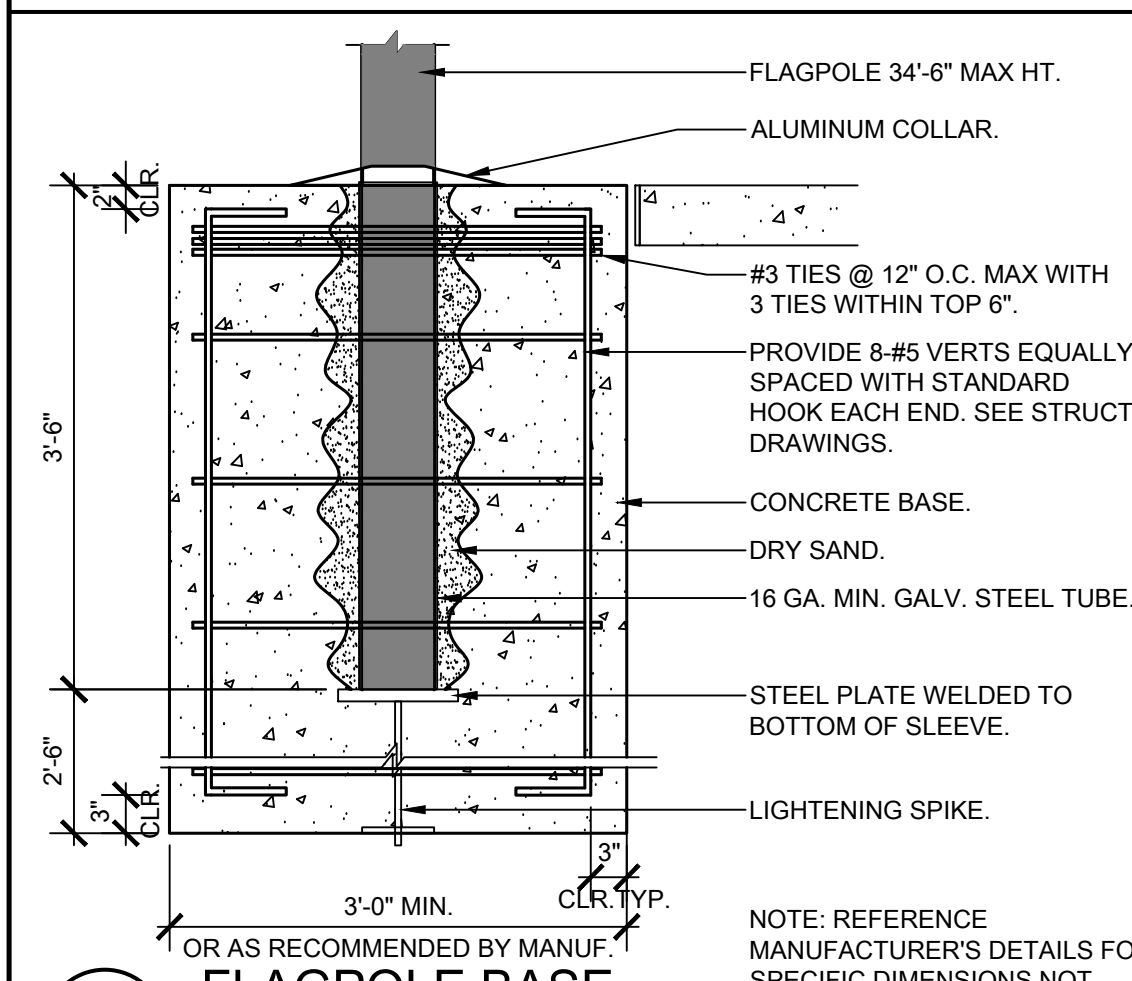
ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-FOURTH INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



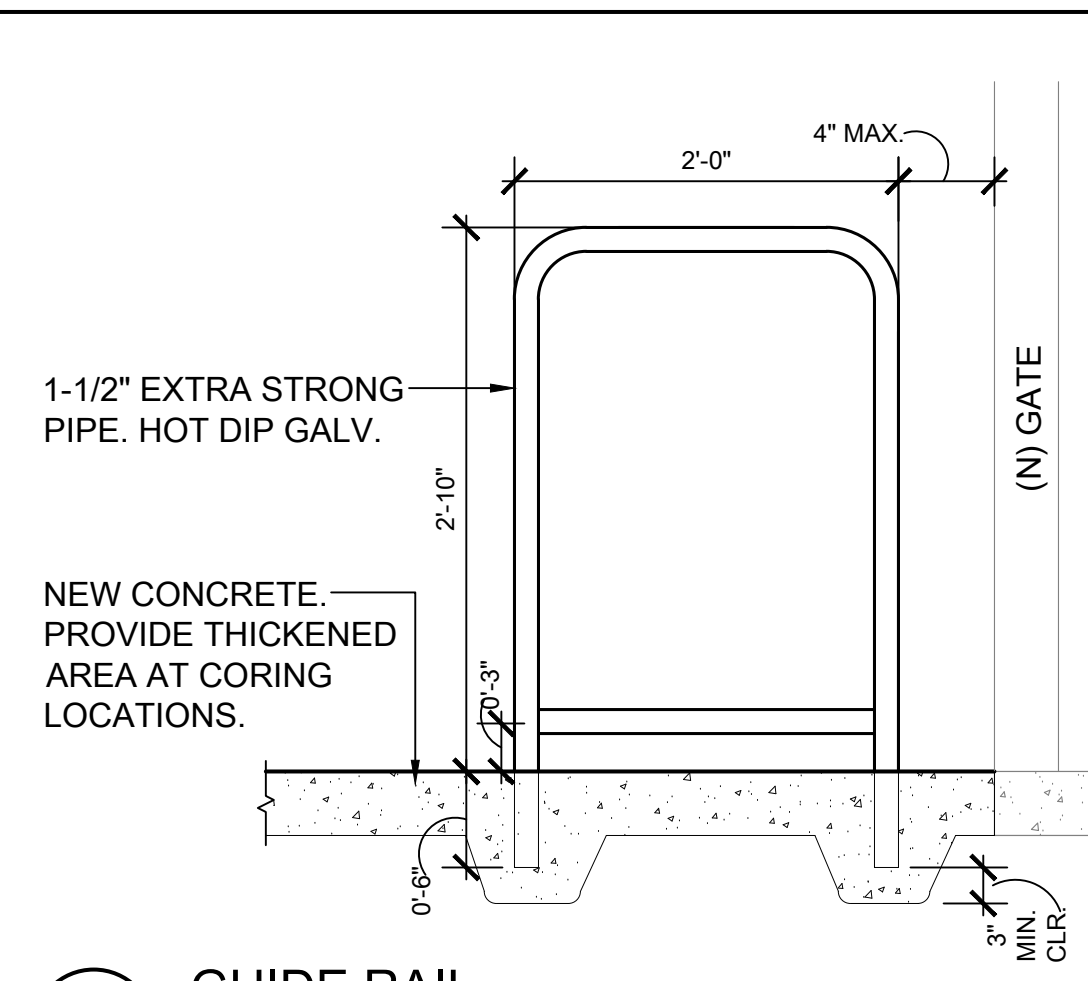
28 BOY'S RESTROOM CEILING PLAN - DEMOLITION
 SCALE: 1/2" = 1'-0"



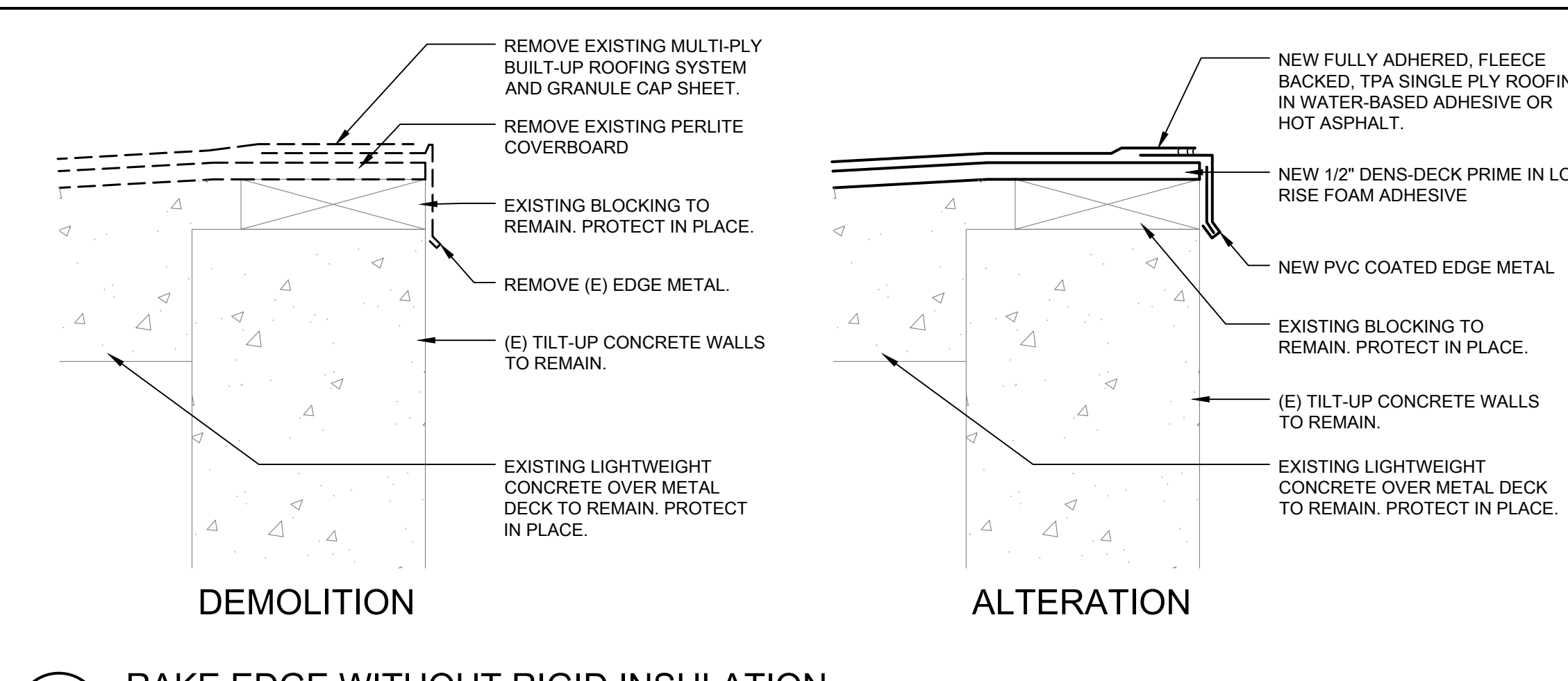
18 BOY'S RESTROOM CEILING PLAN - ALTERATION
 SCALE: 1/2" = 1'-0"



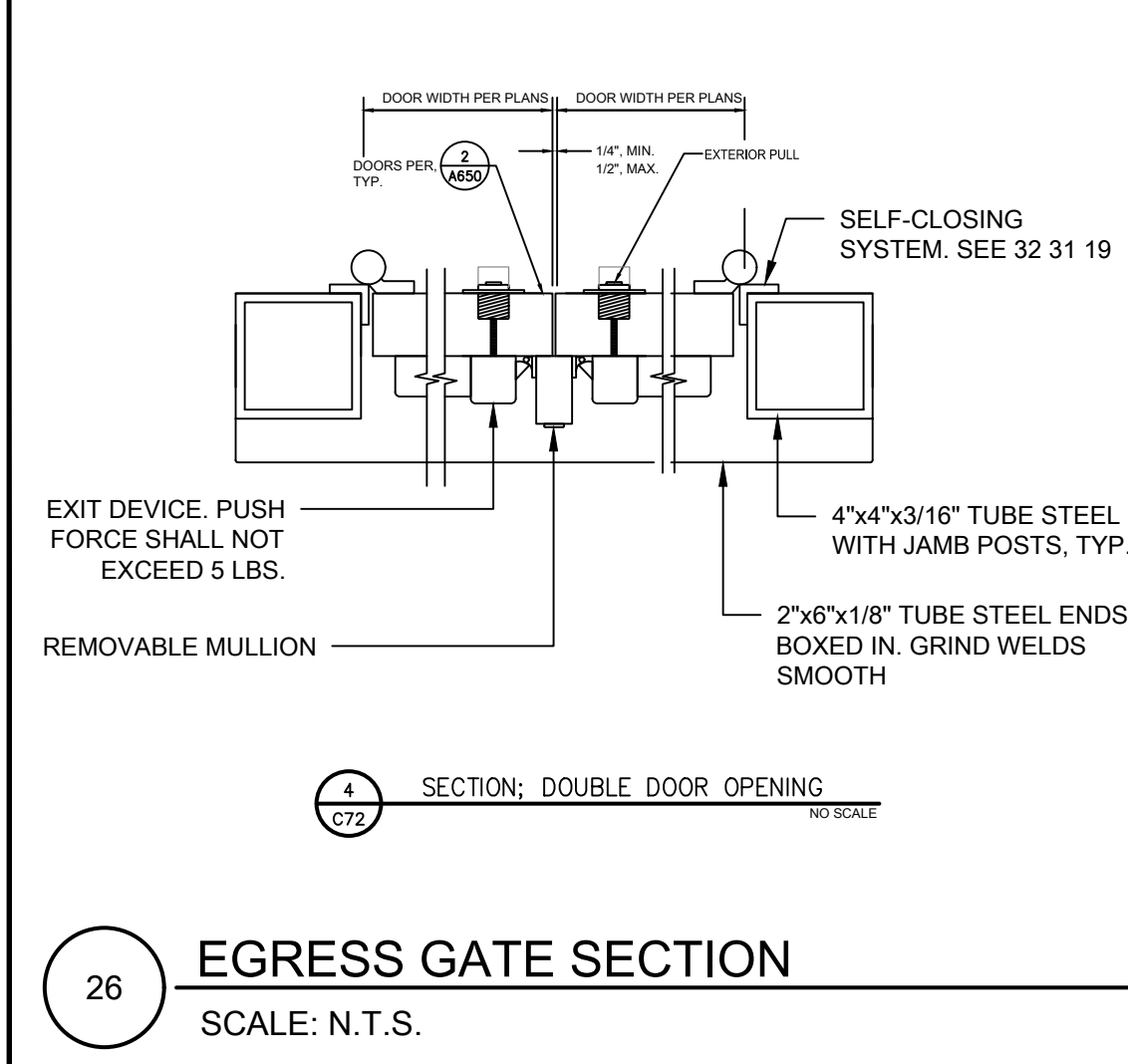
27 OR AS RECOMMENDED BY MANUF. FLAGPOLE BASE
 SCALE: 3/4" = 1'-0"



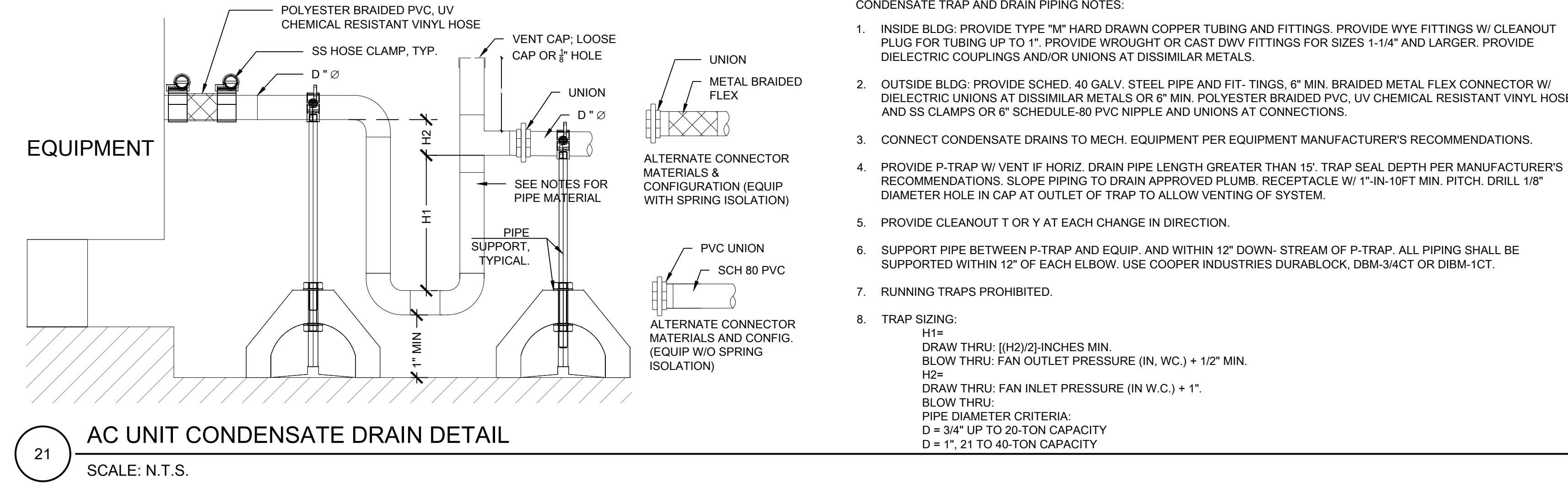
22 GUIDE RAIL
 SCALE: 1" = 1'-0"



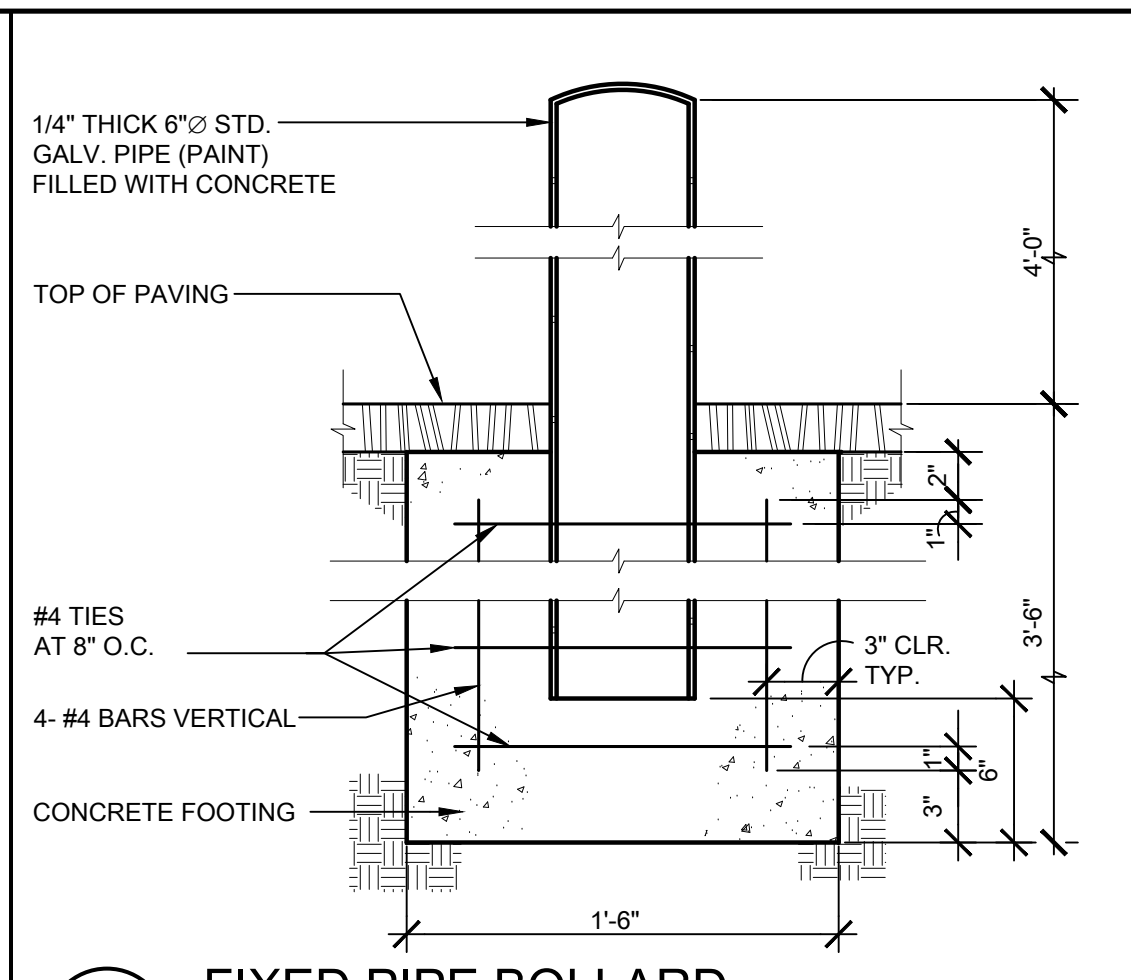
17 RAKE EDGE WITHOUT RIGID INSULATION
 SCALE: 3" = 1'-0"



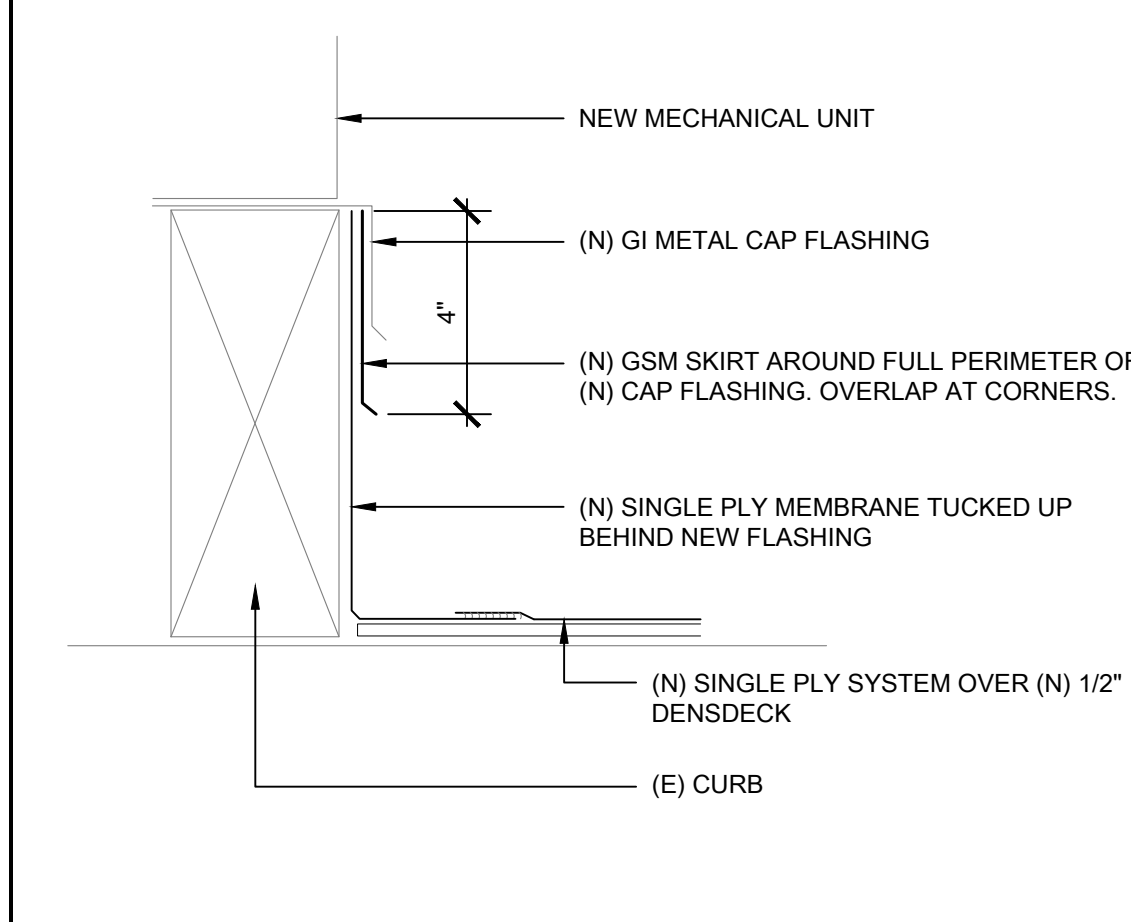
26 EGRESS GATE SECTION
 SCALE: N.T.S.



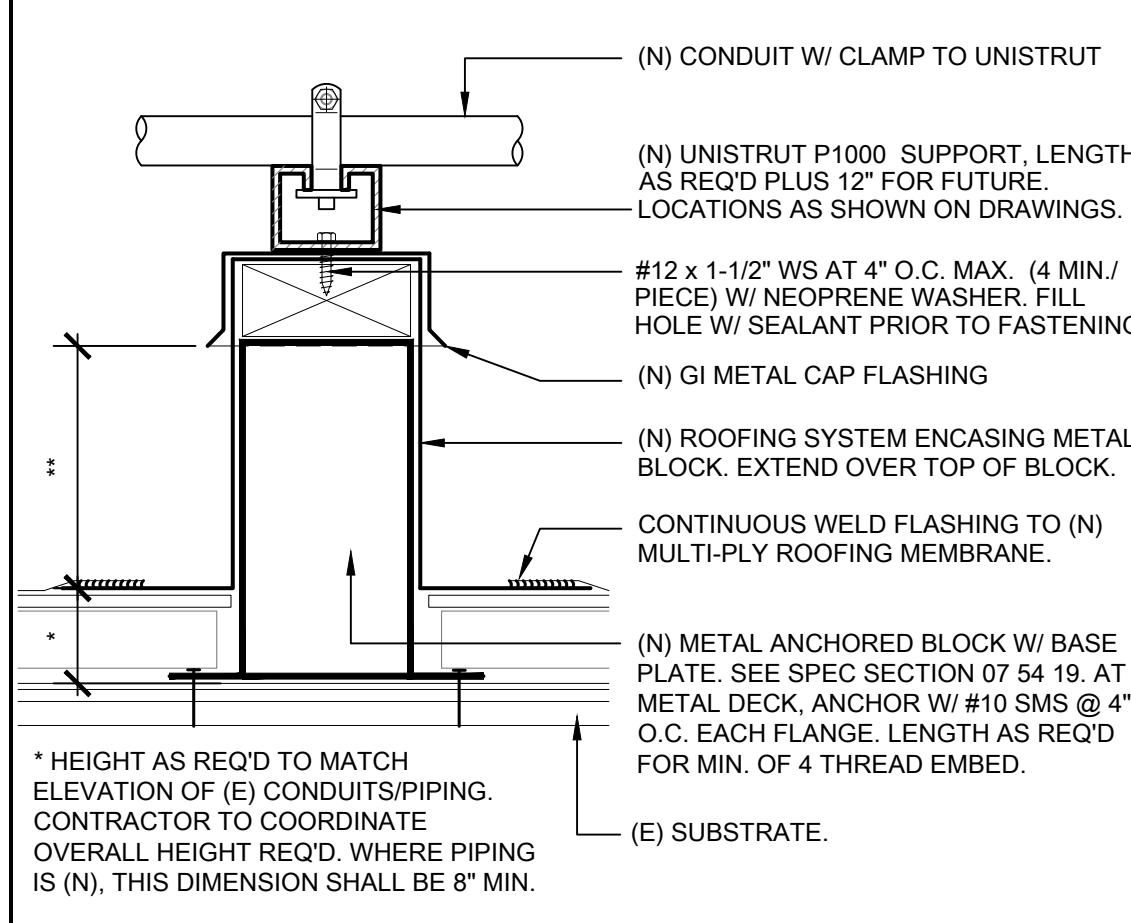
21 AC UNIT CONDENSATE DRAIN DETAIL
 SCALE: N.T.S.



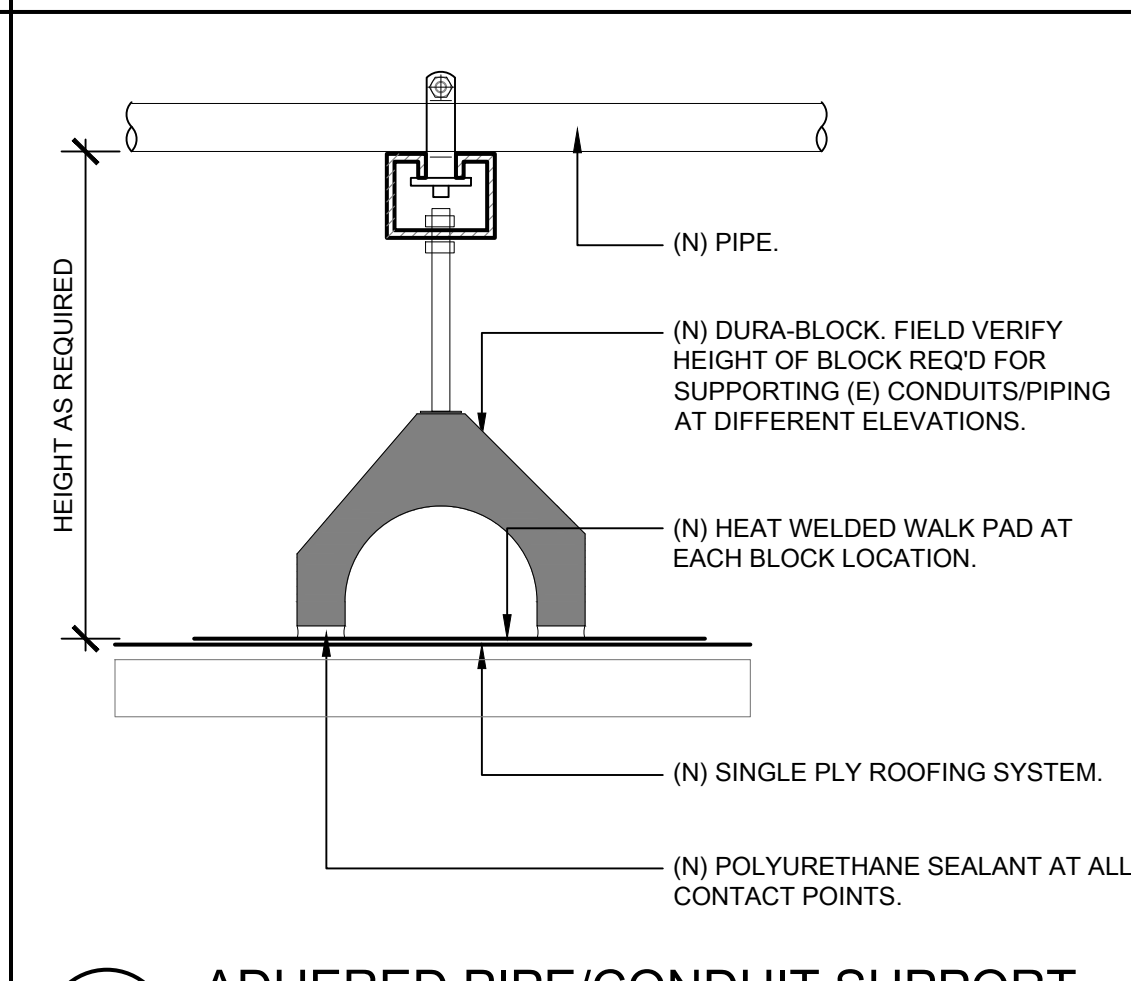
10 FIXED PIPE BOLLARD
 SCALE: 1 1/2" = 1'-0"



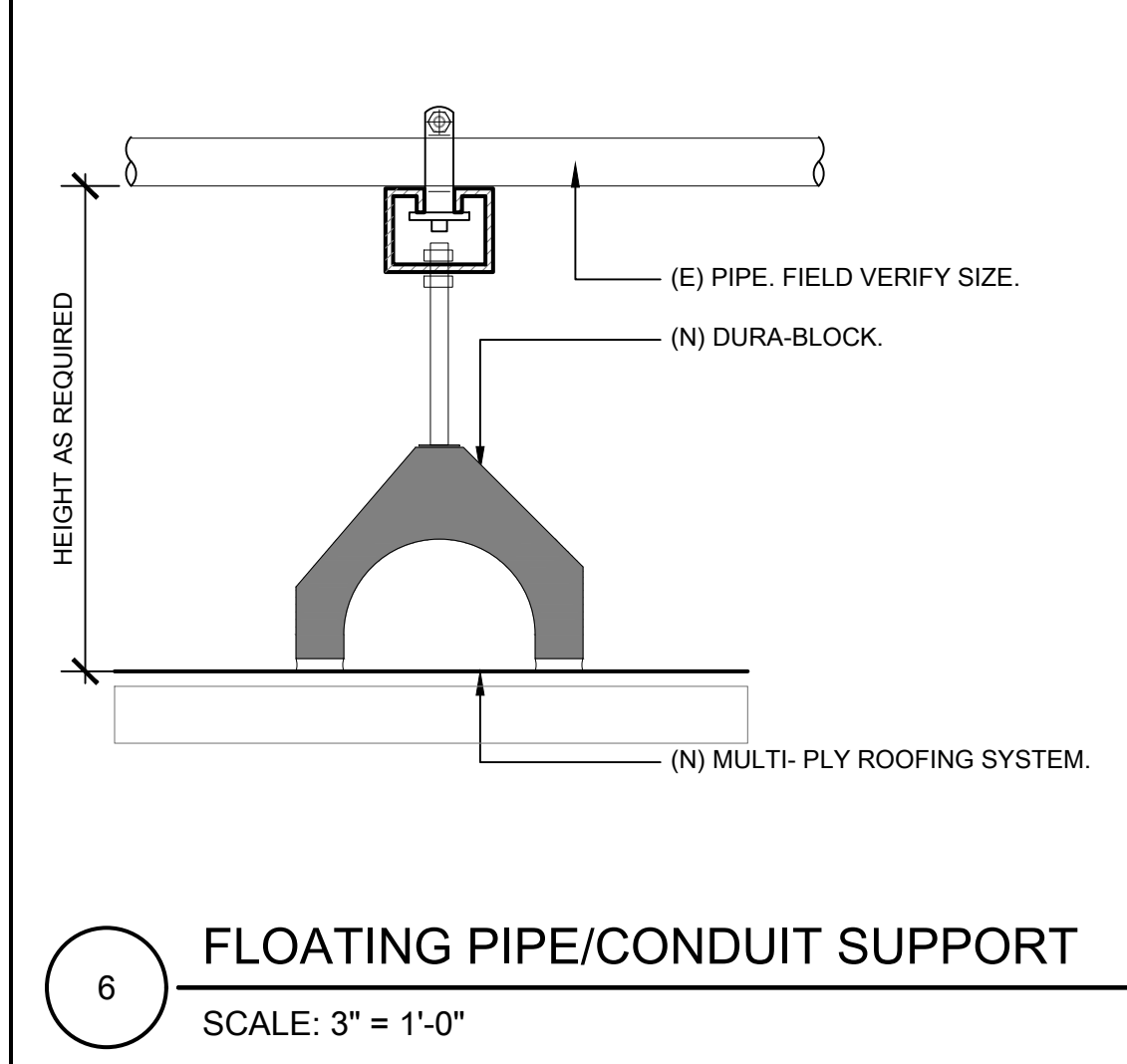
9 FLASHING AT EXISTING MECH. CURB
 SCALE: 3" = 1'-0"



8 ANCHORED PIPE/CONDUIT SUPPORT
 SCALE: 3" = 1'-0" (AS SHOWN ON DRAWINGS)



7 ADHERED PIPE/CONDUIT SUPPORT
 SCALE: 3" = 1'-0" (SPACING AS SHOWN ON DRAWINGS)



6 FLOATING PIPE/CONDUIT SUPPORT
 SCALE: 3" = 1'-0"

GENERAL SHEET NOTES:

- PATCH AND REPAIR EXISTING CEILING AREAS TO MATCH EXISTING AS REQUIRED AT ALL CEILING AREAS EFFECTED BY ANY NEW WORK UNDER THIS CONTRACT.

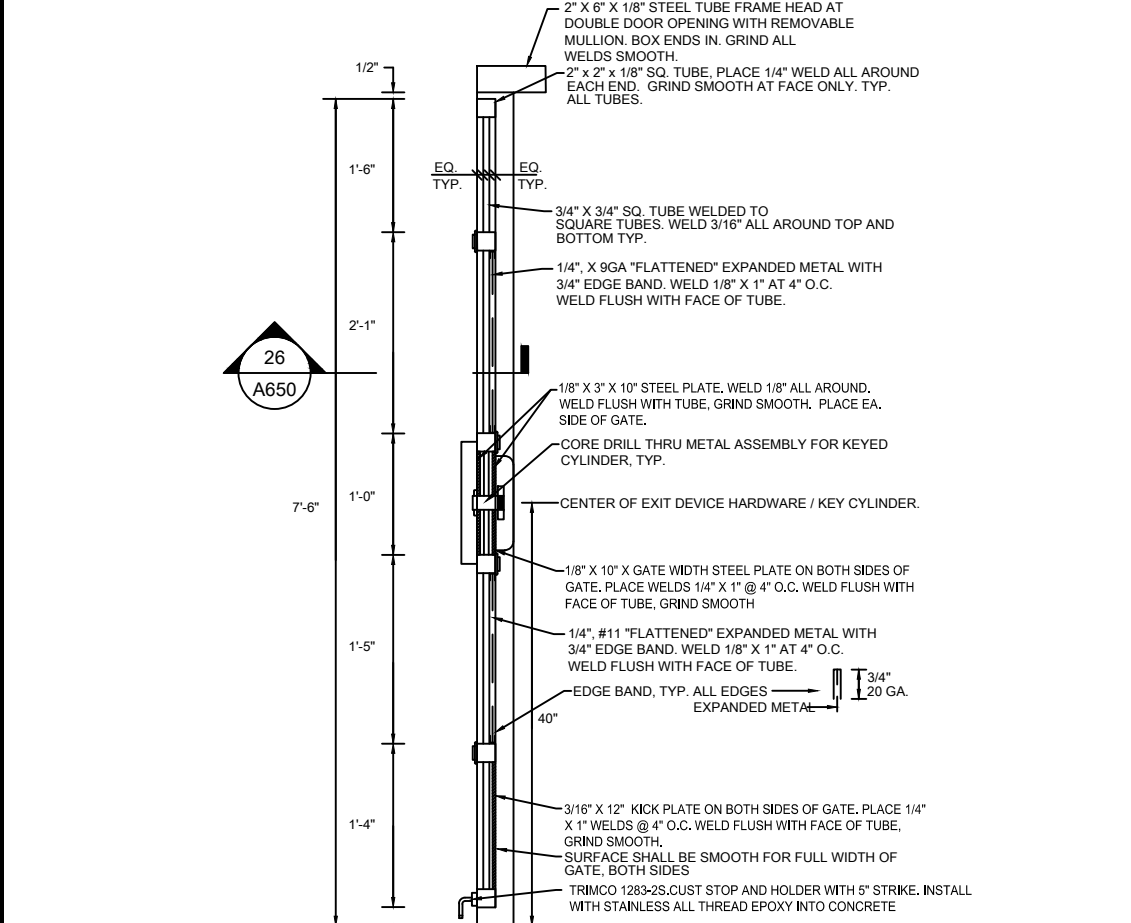
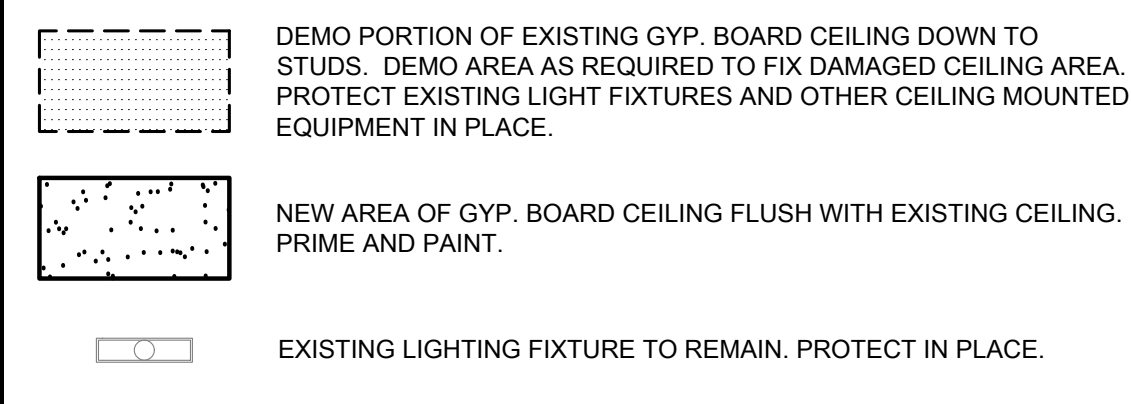
DEMOLITION KEYNOTES:

- KEYNOTES FOR THIS SHEET ONLY.
- EXISTING GYP. BOARD CEILING TO REMAIN.
 - DEMO PORTION OF CEILING - SEE LEGEND FOR ADDITIONAL INFO.
 - EXISTING LIGHTING FIXTURES TO REMAIN.

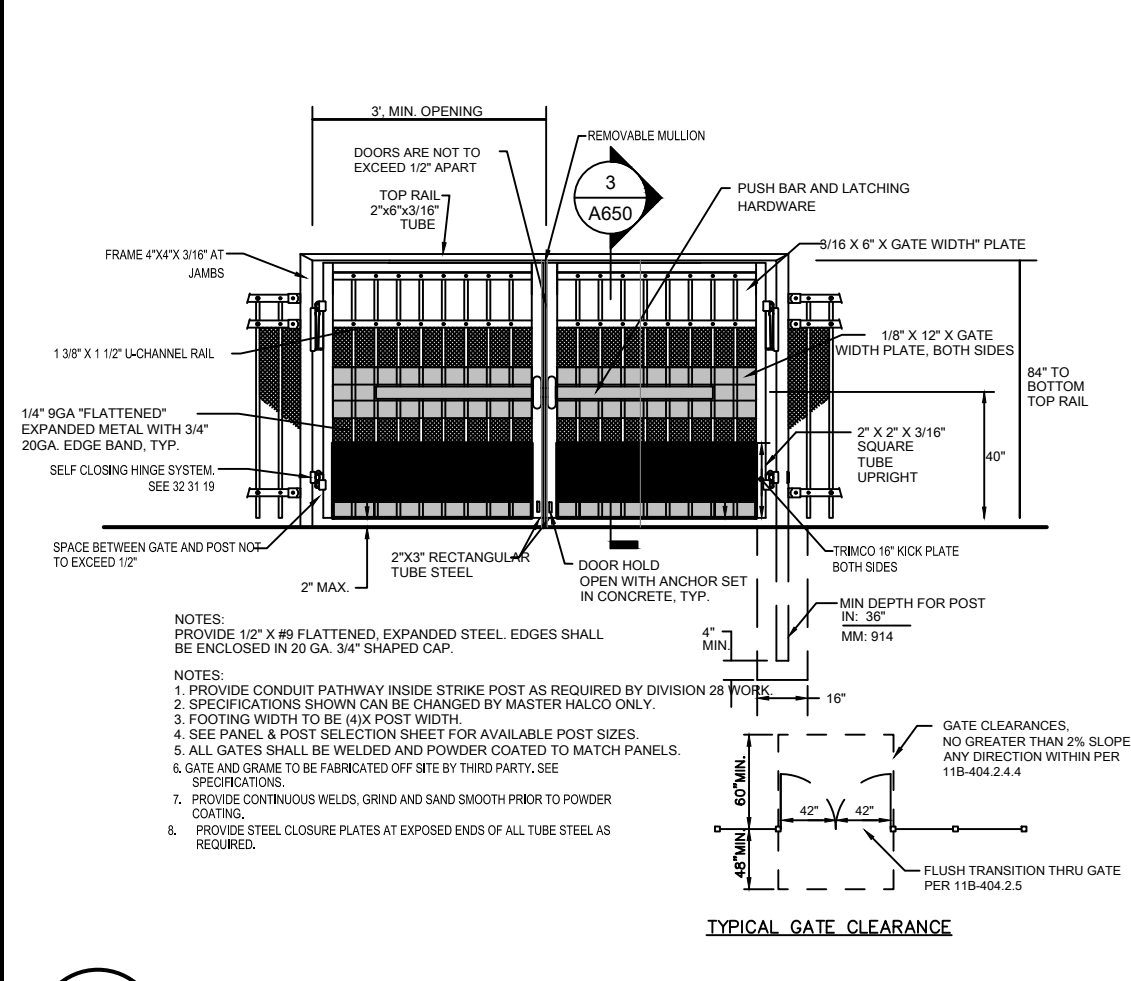
ALTERATION KEYNOTES:

- KEYNOTES FOR THIS SHEET ONLY.
- NEW GYP. BOARD CEILING.
 - PRIME AND PAINT ALL CEILINGS AND WALLS.

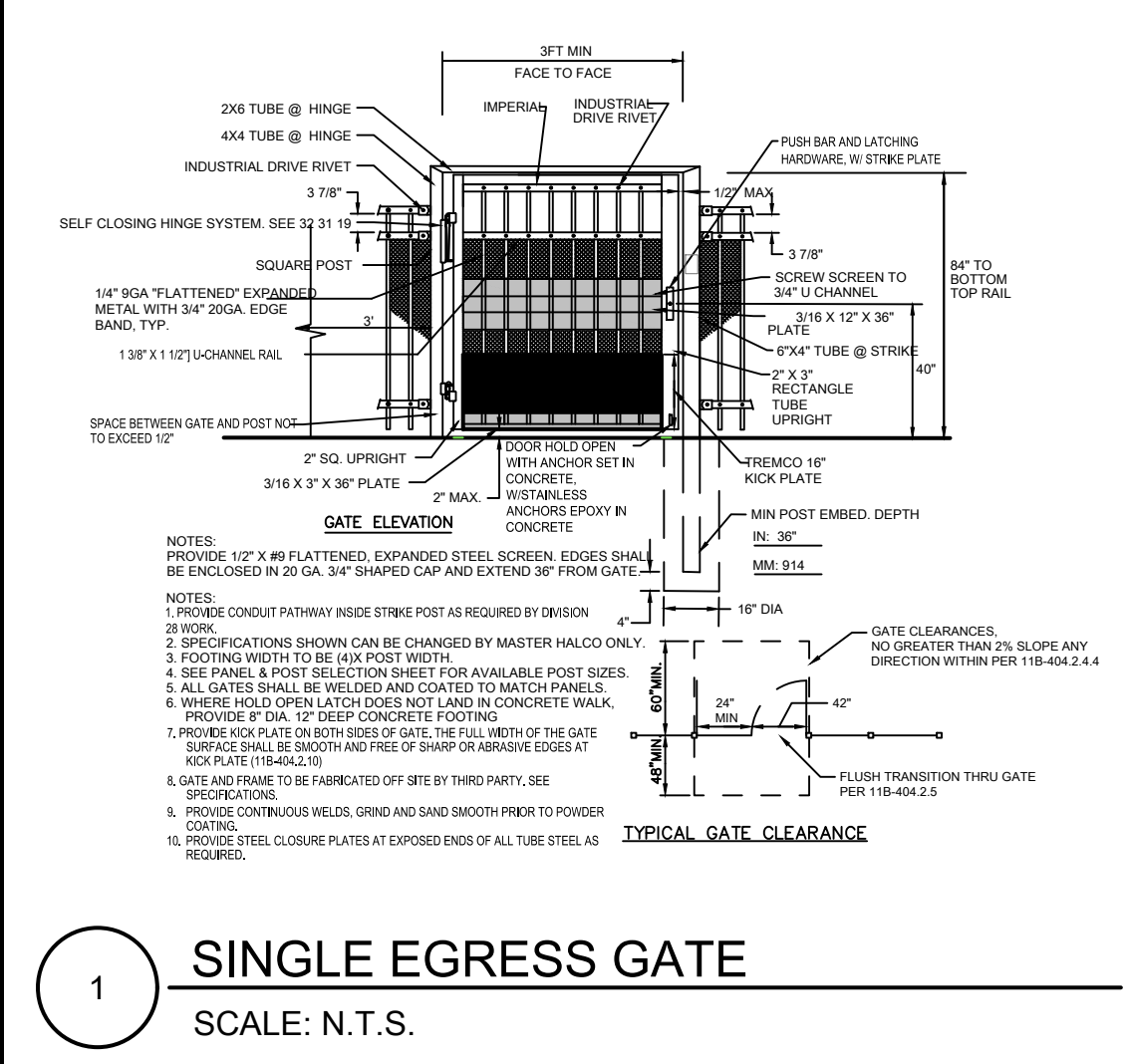
CEILING LEGEND:



3 EGRESS GATE SECTION
 SCALE: N.T.S.



2 DOUBLE EGRESS GATE
 SCALE: N.T.S.



1 SINGLE EGRESS GATE
 SCALE: N.T.S.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-120824 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/30/2023

AGENCY APPROVAL

**ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT**

9325 MIRANDY DR
 SACRAMENTO, CA 95826

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

CONSULTANT

nacht&lewis
 600 Q Street, Suite 100
 Sacramento, CA 95811
 www.nachtandlewis.com
 916.329.4000

REGISTERED ARCHITECT
 No. C-26867
 RENEWAL DATE
 1/31/25
 STATE OF CALIFORNIA

CONSTRUCTION DOCUMENTS

NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023
3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023
 JOB NO.: Y2243.00
 SHEET TITLE

RESTROOM CEILING AND DETAILS

SHEET NO. **A650**

BID PACKAGE A

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET

GENERAL NOTES:

I. GENERAL

- MATERIALS AND WORKMANSHIP TO CONFORM WITH THE 2019 EDITION OF THE CALIFORNIA BUILDING CODE, WITH DSA AMENDMENTS AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- THESE GENERAL NOTES SUPPLEMENT THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. IN CASE OF CONFLICT BETWEEN THE PLANS AND SPECIFICATIONS, CONTACT THE ARCHITECT.
- DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, USE SIMILAR DETAILS OF CONSTRUCTION, SUBJECT TO REVIEW BY THE ARCHITECT.
- DETAILS ON SHEETS TITLED "TYPICAL DETAILS" APPLY TO SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED. SUCH DETAILS ARE NOT NOTED AT EACH LOCATION THAT THEY OCCUR.
- DO NOT SCALE THE DRAWINGS.
- PROVIDE MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT MAY NOT BE LIMITED TO, BRACING AND SHORING FOR LOADS DURING CONSTRUCTION. RETAIN A REGISTERED CIVIL ENGINEER WHO IS PROPERLY QUALIFIED TO DESIGN BRACING, SHORING, ETC. VISITS TO THE SITE BY THE ARCHITECT WILL NOT INCLUDE OBSERVATION OF THE ABOVE NOTED ITEMS.
- INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE ARCHITECT. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE ARCHITECT.
- REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF FLOOR, ROOF AND WALL OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS. COORDINATE THE SIZE AND LOCATION OF OPENINGS ASSOCIATED WITH, BUT NOT LIMITED TO, ELECTRICAL, MECHANICAL AND PLUMBING TRADES. SUBMIT FINAL SIZING AND LOCATION REQUIREMENTS OF OPENINGS TO THE ARCHITECT FOR REVIEW.
- REFERENCE DATUM FOR THE ELEVATIONS IS FINISH FIRST FLOOR.

II. STRUCTURAL STEEL

- STRUCTURAL STEEL TO CONFORM TO THE FOLLOWING UNLESS OTHERWISE NOTED:

SECTIONS	TYPE
ROLLED SHAPES:	
WIDE FLANGES	ASTM A992
CHANNELS, ANGLES, & OTHER	ASTM A36
PLATES:	
COLUMN BASE PLATES	ASTM A572, GR 50
BRACE GUSSET PLATES	ASTM A572, GR 50
BEAM SHEAR CONNECTION PLATES	ASTM A572, GR 50
COLUMN CONTINUITY PLATES	ASTM A572, GR 50
BEAM STIFFENER PLATES	ASTM A36
EDGE OF DECK BENT PLATE	ASTM A36
OTHER	ASTM A572, GR 50
STEEL PIPE	ASTM A53 GRADE B
COLD FORMED STRUCTURAL TUBING (HSS)	ASTM A500 GRADE B
STAINLESS STEEL SHAPES, PLATES & BARS	ASTM A276, TYPE 304L
BOLTS	ASTM F1554 GRADE A325X, F1852X
MACHINE BOLTS	ASTM A307, GRADE A
STAINLESS STEEL BOLTS	ASTM A193 B8M, CLASS 1
ANCHOR RODS	ASTM F1554, GR55 W/ WELDABLE SUPPLEMENT S1
ALL-THREAD ROD AND THRU BOLTS	ASTM A36
HIGH STRENGTH ALL-THREAD ROD	ASTM A193 B7, GR105
STAINLESS STEEL ALL-THREAD ROD	ASTM A193 B8M CLASS 2
HANGER ROD	ASTM A572, GR50
WELDED SHEAR STUD CONNECTORS	ASTM A108, GRADE 1015 TO 1020
WELDED THREADED STUDS	ASTM A108, GRADE 1015 TO 1020
NUTS FOR BOLTS AND MACHINE BOLTS	ASTM A563
STAINLESS STEEL NUTS	ASTM A194 GR8M
HARDENED WASHERS FOR BOLTS	ASTM F436
UNHARDENED FLAT WASHERS	ASTM F844, ANSI B18.22.1
STAINLESS STEEL WASHERS	ASTM A276, TYPE 304
BEVELED WASHERS	ANSI B18.21

- HOT DIP GALVANIZE IN ACCORDANCE WITH ASTM A123 AND ASTM A153 STRUCTURAL STEEL AND FASTENERS THAT ARE PERMANENTLY EXPOSED TO THE WEATHER. REPAIR GALVANIZING AFTER WELDING IN ACCORDANCE WITH ASTM A780. HOT-DIP GALVANIZE ASTM F1554 RODS IN ACCORDANCE WITH ASTM F2329.
- ARC-WELDING ELECTRODES/FILLER METALS TO BE LOW HYDROGEN TYPES E70XX, E70XX OR E70XX MINIMUM AS APPLICABLE. ELECTRODES WITH CHARPY V-NOTCH TESTS VALUES OF A MINIMUM 20 FOOT-POUNDS AT 0 DEGREES FAHRENHEIT AND 40 FOOT-POUNDS AT 70 DEGREES FAHRENHEIT ARE TO BE USED AT ALL WELDS OF THE SEISMIC FORCE RESISTING SYSTEM (SFRS), WHERE DESIGNATED "DC" ON THE DRAWINGS AND THE FOLLOWING LOCATIONS:
 - COMPLETE JOINT PENETRATION WELDS
 - BEAM TO COLUMN MOMENT CONNECTIONS - INCLUDING FLANGE, WEB, DOUBLER PLATES, BASE PLATES, AND CONTINUITY PLATE FILLET AND PARTIAL JOINT PENETRATION WELDS
 - BRACE CONNECTIONS - INCLUDING BRACE, GUSSET, BASE PLATES, BEAM STIFFENER PLATES, AND CONTINUITY PLATE FILLET AND PARTIAL JOINT PENETRATION WELDS
 - COLLECTORS - SHEAR TABS, FLANGE AND WEB WELDS
- WHERE FIELD WELDING IS NOTED, THE DESIGNATION IS GIVEN AS A SUGGESTED CONSTRUCTION PROCEDURE ONLY.

III. REMODELING AND ADDITION NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE HIMSELF FAMILIAR WITH ALL EXISTING CONDITIONS, ANY EXISTING BUILDING PLANS, AND ALL SITE CONDITIONS WHICH MAY AFFECT HIS WORK. HE SHALL ASCERTAIN THE EXTENT OF DEMOLITION WORK REQUIRED TO COMPLETE THE STRUCTURE PER NEW PLANS AND BE RESPONSIBLE FOR ITS SAFE COMPLETION.
- WHEN EXISTING BUILDING PLANS ARE AVAILABLE, THE CONTRACTOR SHALL KEEP A FULL SET OF SUCH PLANS AT THE JOB SITE DURING CONSTRUCTION. IF ANY EXISTING CONDITIONS ARE DISCOVERED WHICH DEVIATE FROM THESE PLANS OR FROM THE NEW PLANS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER FOR INSTRUCTION PRIOR TO PROCEEDING WITH WORK IN THE AFFECTED AREA.
- THE CONTRACTOR SHALL MATCH EXISTING HEIGHTS, LINES, MATERIALS, AND CONDITIONS UNLESS NOTED OTHERWISE ON NEW PLANS.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24 CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

IV. INSPECTION NOTES:

- GENERAL** IN ADDITION TO THE INSPECTIONS REQUIRED BY THE CURRENT CBC THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR DURING CONSTRUCTION OF THE FOLLOWING TYPES OF WORK: ALL SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE TO CHAPTER 17A OF THE CURRENT CBC. SUBMIT THE NAME OF ALL SPECIAL INSPECTORS TO THE DIVISION OF THE STATE ARCHITECT FOR APPROVAL PRIOR TO STARTING WORK REQUIRING SPECIAL INSPECTION.
- REFER TO CHAPTER 17A FOR ADDITIONAL REQUIREMENTS OF THE SPECIAL INSPECTOR.
- SPECIAL INSPECTOR:** ALL SPECIAL INSPECTORS SHALL HAVE A MINIMUM OF 3 YEARS EXPERIENCE IN THE SPECIFIC MATERIAL / TRADE BEING INSPECTED.
- NOTIFY THE ENGINEER AT SIGNIFICANT CONSTRUCTION STAGES 72 HOURS IN ADVANCE AND PROVIDE ACCESS FOR THE FOLLOWING STRUCTURAL OBSERVATIONS:
 - STEEL FRAMING
 - FRAMING - BEAMS AND COLUMNS
 - WELDING

V. DESIGN CRITERIA

- APPLICABLE CODE: 2019 CALIFORNIA BUILDING CODE
- GRAVITY LOADS:
 - DEAD LOADS - VARY BASED ON ACTUAL BUILDING AND EQUIP OPERATING WEIGHTS
 - ROOF 18 PSF
 - EXTERIOR WALLS 75 PSF
 - LIVE LOADS:
 - ROOF 20 PSF (REDUCIBLE)
- LATERAL/SEISMIC FORCE RESISTING SYSTEM (SFRS):
 - ALL LATERAL LOAD RESISTANCE AND STABILITY OF THE BUILDING IN THE COMPLETED STRUCTURE IS PROVIDED BY EXTERIOR PRECAST CONCRETE SHEAR WALLS IN EACH ORTHOGONAL DIRECTION AND INTERIOR PLYWOOD SHEATHED SHEAR WALLS IN THE NORTH-SOUTH DIRECTION (SEE PLANS FOR LOCATION AND ORIENTATION). METAL DECK ROOF WITH LIGHTWEIGHT CONCRETE FILL SERVES AS DIAPHRAGM THAT TRANSFERS THE LATERAL WIND AND SEISMIC FORCES TO THE SHEAR WALLS. THE SHEAR WALLS TRANSMIT THE LOADS TO THE BUILDING FOUNDATION.
- SEISMIC DESIGN:
 - SEISMIC RESPONSE COEFFICIENT: $C_s = 0.092$ (LFRD)
 - DESIGN BASE SHEAR:
 - BUILDING E: $V = 59$ KIPS (LFRD)
 - WHERE: $R = 6.5$ FOR WOOD - LIGHT FRAMED WALLS WITH STRUCTURAL PANELS
 $S_a = 0.491$
 $S_1 = 0.233$
 $S_{up} = 0.461$
 $S_{D1} = 0.331$
 - SEISMIC IMPORTANCE FACTOR (i): 1.25
 - RISK CATEGORY: III
 - SITE CLASS: D
 - SEISMIC DESIGN CATEGORY: D
- ANALYSIS PROCEDURE: LINEAR STATIC
- STRUCTURAL IRREGULARITIES:
 - VERTICAL: NONE
 - HORIZONTAL: NONE

- WIND DESIGN:
- BASIC WIND SPEED V (ULTIMATE): 100 MPH
- WIND EXPOSURE: C
- RISK CATEGORY: III
- INTERNAL PRESSURE COEFFICIENT: GCPI = +/- 0.18
- DESIGN TEAM

JASON SCANLAN	PROJECT SEOR
HANNAH HILLIUB	PROJECT ENGINEER
RUSSELL STEEVES	SENIOR CAD/BIM SPECIALIST

ABBREVIATIONS

(E) #	EXISTING NUMBER	JH	JOIST HANGER
&	AND	JT, JSTS	JOIST, JOISTS
@	AT	JK	JOIST KNOCK-OUT
Ø	DIAMETER OR ROUND	L	ANGLE
ℓ	DEVELOPMENT LENGTH	LEV	LONG LEG HORIZONTAL
ℓh	HOOK DEVELOPMENT LENGTH	LLV	LONG LEG VERTICAL
ℓs	LAP SPLICE LENGTH	LOC	LOCATION
AA	ADHESIVE ANCHOR	LONGIT	LONGITUDINAL
AB	ANCHOR BOLT	LP	LOW POINT
ABV	ABOVE	LT	LIGHT
AC	ASPHALT CONCRETE	LWC	LIGHTWEIGHT CONCRETE
ADDD	ADDITIONAL	MAX	MAXIMUM
ADJ	ADJACENT	MB	MACHINE BOLT
AGGR	AGGREGATE	MECH	MECHANICAL
ALM	ALTERNATE	MEP	MECHANICAL, ELECTRICAL, PLUMBING DOCUMENTS
ALU	ALUMINUM	MEZZ	MEZZANINE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MF	MOMENT FRAME
APPROX	APPROXIMATE	MFR	MANUFACTURER
ARCH	ARCHITECTURAL / ARCHITECT	MN	MINIMUM
ASPH	ASPHALT	MISC	MISCELLANEOUS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MTD	MOUNTED
AWG	AMERICAN WIRE GAUGE	MTL	METAL
B. O.	BOTTOM OF BOTH FACES	NF	NEAR FACE
BF	BRACED FRAMING	NIC	NOT IN CONTRACT
BLDG	BUILDING	NOM	NOMINAL (DIAMETER)
BLK, BLKG	BLOCK OR BLOCKING	NS	NEAR SIDE
BLW	BELOW	NTS	NOT TO SCALE
BM, BMS	BEAM, BEAMS	NWC	NORMAL WEIGHT CONCRETE
BN	BOUNDARY NAILING	OBF	ORDINARY BRACED FRAMES
BOF	BOTTOM OF FOOTING	OC	ON CENTER
BOTM	BOTTOM	OD	OUTSIDE DIAMETER
BRBF	BUCKLING RESTRAINED BRACE FRAME	OPH	OPPOSITE HAND
BRG	BRG	OPNG	OPENING
BS	BOTH SIDES	OPP	OPPOSITE
BSMT	BASEMENT	P-T	POST-TENSION
BTVN	BETWEEN	PC, PCS	PIECE, PIECES
BW	BOTH WAYS	PCC	PRECAST CONCRETE
		PERP	PERPENDICULAR
		PJP	PARTIAL JOINT PENETRATION
		PL	PLATE
		PLYWD	PLYWOOD
		PT	PRESSURE TREATED
		PTN	PARTITION
		R	RADIUS
		REBAR	REINFORCING BAR
		REF	REFERENCE
		REIN	REINFORCING
		REQD	REQUIRED
		REV	REVISION
		RFG	ROUGH FINISH
		RO	ROUGH OPENING
		RSJ	ROLLED STEEL JOIST
		S.A.D.	SEE ARCHITECTURAL DOCUMENTS/DRAWINGS
		S.M.D.	SEE MECHANICAL DRAWINGS
		SCHED	SCHEDULE
		SECT	SECTION
		SEOR	STRUCTURAL ENGINEER OF RECORD
		SFRS	SEISMIC FORCE RESISTING SYSTEM
		SHT	SHEET
		SHTG	SHEATHING
		SIM	SIMILAR
		SL	SLOPE
		SMF	SPECIAL MOMENT FRAME
		SMS	SHEET METAL SCREW
		SOG	SLAB ON GRADE
		SP	STRUCTURAL PLYWOOD
		SPEC, SPECS	SPECIFICATION, SPECIFICATIONS
		SPSW	SPECIAL PLATE SHEAR WALL
		SS	STAINLESS STEEL
		STAG	STAGGER or STAGGERED
		STD	STANDARD
		STIF	STIFFENING
		STR	STIRRUP OR STIRRUPS
		STL	STEEL
		STRUCT	STRUCTURAL
		SUB	SUBSTITUTE
		SUSP	SUSPENDED
		SYMM	SYMMETRICAL
		T&B	TOP AND BOTTOM
		T&G	TONGUE AND GROOVE
		T.O.F.	TOP OF
		THK	THICK
		THRD	THREADED
		THRU	THROUGH
		TN	TOE NAIL
		TOC	TOP OF CONCRETE
		TOF	TOP OF FOOTING
		TOS	TOP OF STEEL
		TOW	TOP OF WALL
		TR	TREAD
		TYP	TYPICAL
		UON	UNLESS OTHERWISE NOTED
		URM	UNREINFORCED MASONRY
		VENT	VENTILATE
		VERT, (V)	VERTICAL
		VIF	VERIFY IN FIELD
		W or WF	WIDE FLANGE
		W/	WITH
		W/O	WITHOUT
		WD	WOOD
		WP	WORK POINT
		WS	WOOD SCREW
		WT	WEIGHT/TREE SECTION
		WWM	WELDED WIRE MESH
		X HVR	EXTRA HEAVY
		X STR	EXTRA STRONG
		XX HVY	DOUBLE EXTRA HEAVY
		XX STR	DOUBLE EXTRA STRONG

REFERENCE SYMBOLS

DETAIL/SECTION

DETAIL

DETAIL PLAN OR ELEVATION

SINGLE ELEVATION

GRID LINES

LEVEL LINE

WORK POINT

REVISION

KEY NOTE

CENTER POINT OF CURVE

REFERENCED ELEVATION

MATERIAL SYMBOLS

PLAN SYMBOLS

METAL DECK & FILL

CONCRETE FILL

FLOOR DEPRESSIONS

SHEAR CONNECTIONS

BEAM COLUMN MOMENT CONNECTIONS

SEISMIC FORCE RESISTING SYSTEM COLLECTOR CONNECTIONS

BEAM-BEAM MOMENT CONNECTIONS

COLUMNS

BEAM PENETRATIONS

SLAB OPENING

BRACED FRAME OR DIAGONAL BRACE

BEAM DESIGNATIONS

BAR COUPLERS

SHEET INDEX

Sheet Number	Sheet Name
S001	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
S101	EXISTING AND NEW ROOF PLANS
S401	TYPICAL DETAILS

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-120824 INC.
 REVIEWED FOR
 DATE: 08/30/2023

AGENCY APPROVAL

**ALBERT EINSTEIN MIDDLE SCHOOL
 HVAC REPLACEMENT**

9325 MIRANDY DR
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DEGENKOLB ENGINEERS
 No. 5393
 Exp. 6/30/26
 STATE OF CALIFORNIA

DEGENKOLB ENGINEERS
 No. C-26367
 RENEWAL DATE
 1/31/25
 STATE OF CALIFORNIA

ARCHITECT

CONSTRUCTION DOCUMENTS

NO.	DESCRIPTION	DATE
1	100% CDS	12/22/22

DATE 07/17/2023
 JOB NO. Y2243.00
 SHEET TITLE

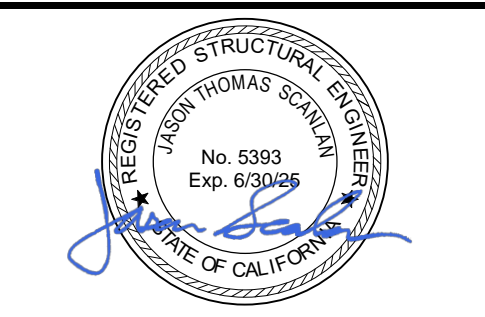
GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

SHEET NO. **S001**

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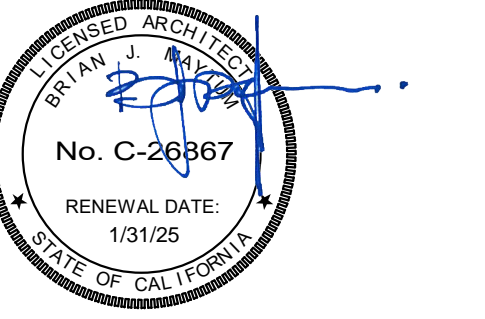
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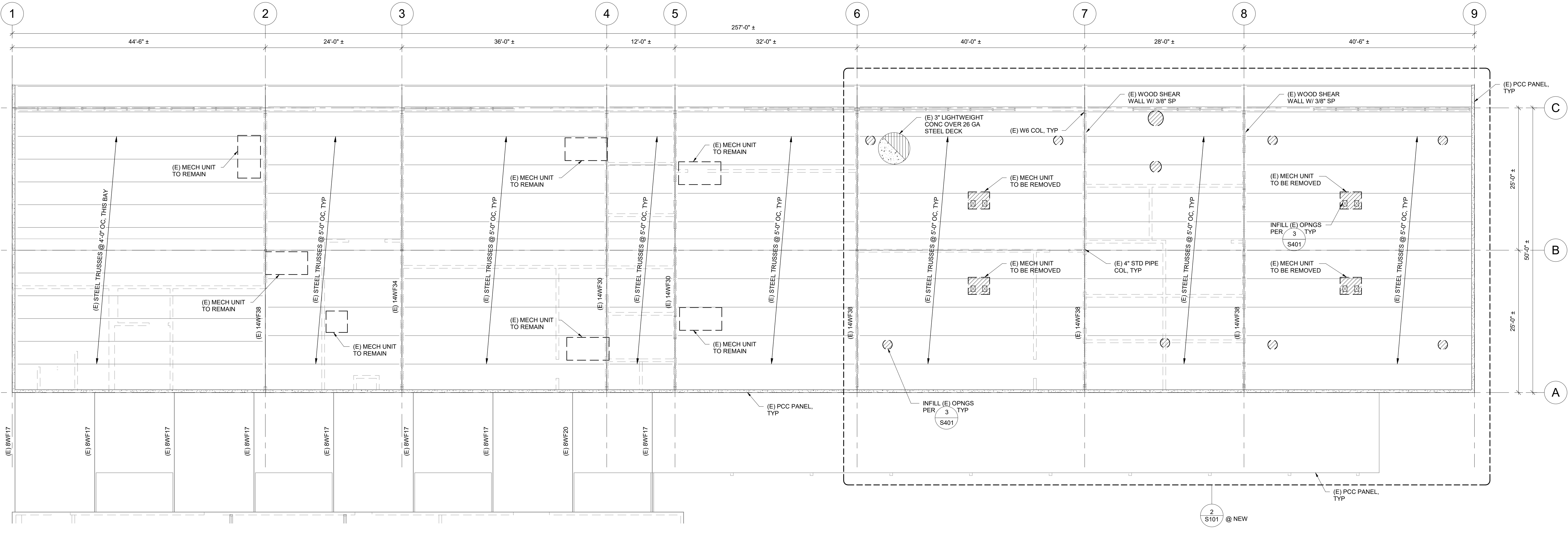
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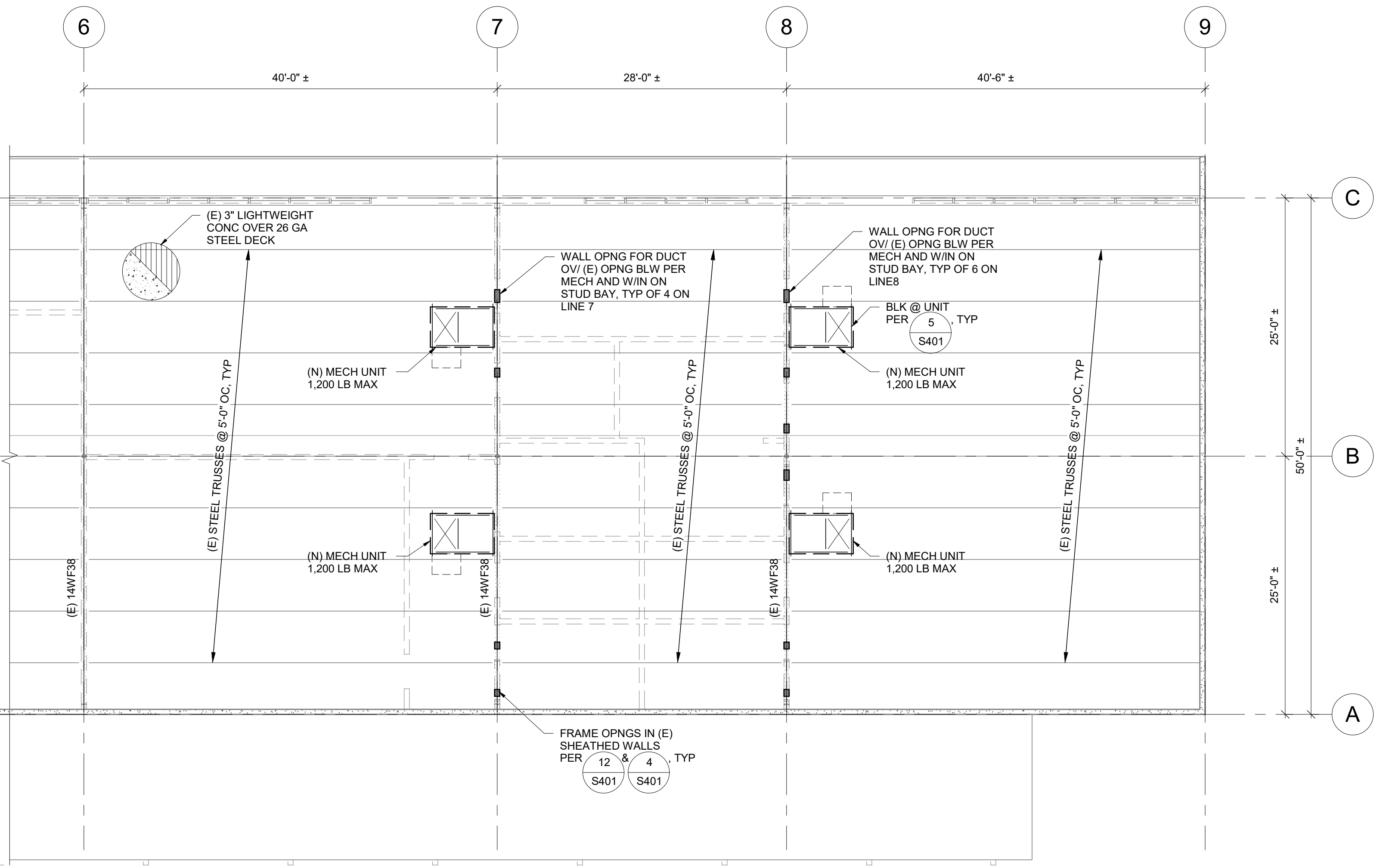
DATE 07/17/2023
 JOB NO. Y2243.00
 SHEET TITLE

EXISTING AND NEW
 ROOF PLANS

SHEET NO.
 S101



1 EXISTING / DEMO ROOF PLAN - UNIT 'E'
 1/8" = 1'-0"



2 NEW PARTIAL ROOF PLAN - UNIT 'E'
 1/8" = 1'-0"

ROOF FRAMING PLAN LEGEND & NOTES

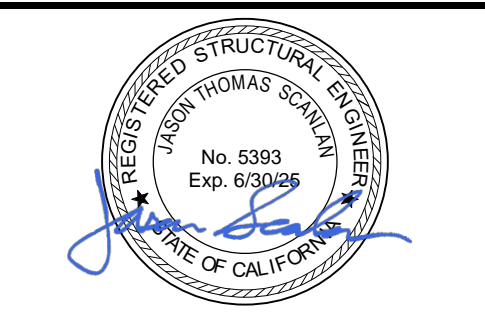
- INDICATES EXISTING ROOF FRAMING
- INDICATES EXISTING ROOF BEAM / TRUSS / ETC
- INDICATES NEW ROOF FRAMING
- - - - - INDICATES EXISTING NONSTRUCTURAL WALL BELOW
- - - - - INDICATES EXISTING WALL BELOW ROOF WITH STRUCTURAL SHEATHING
- INDICATES EXISTING PCC WALL EXTENDING ABOVE ROOF

1. VERIFY & COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCH DRAWINGS AND EXISTING CONDITIONS.
2. ALL ROOF OPENINGS ARE NOT SHOWN. SEE PLANS, ARCH, MECH, ELEC & DETAIL 5 & 28401 FOR FRAMING & STRAP REQUIREMENTS. PLACE MECH & ELEC UNITS AS TO AVOID CUTTING FRAMING FOR OPENINGS. INFILL OPENINGS PER S401.
3. OPENINGS IN STUD WALLS TO BE FRAMED PER 4(S401 ONLY AS SPECIFICALLY SHOWN ON DRAWINGS.
4. MECHANICAL EQUIPMENT WEIGHTS SHOWN ON PLAN ARE MAXIMUM WEIGHT OF UNIT. SEE MECHANICAL DRAWING FOR EXACT EQUIPMENT LOCATIONS.
5. DEMOLITION SCOPE SHOWN ON THESE PLANS IS NOT COMPREHENSIVE. SEE ARCH / MECH / PLUMB / ELEC DRAWINGS FOR DEMOLITION SCOPE. REFER TO ORIGINAL CONSTRUCTION DOCUMENTS (DSA APPLICATION NO 24342) FOR ADDITIONAL INFORMATION.
6. CONTRACTOR TO VERIFY EXISTING JOIST SECTION.

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET

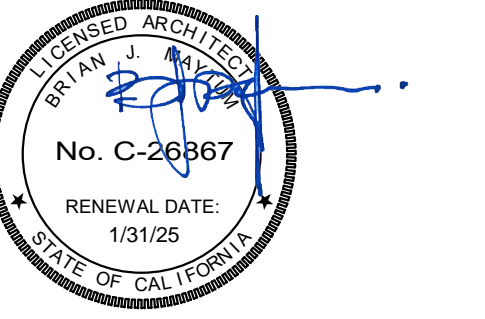
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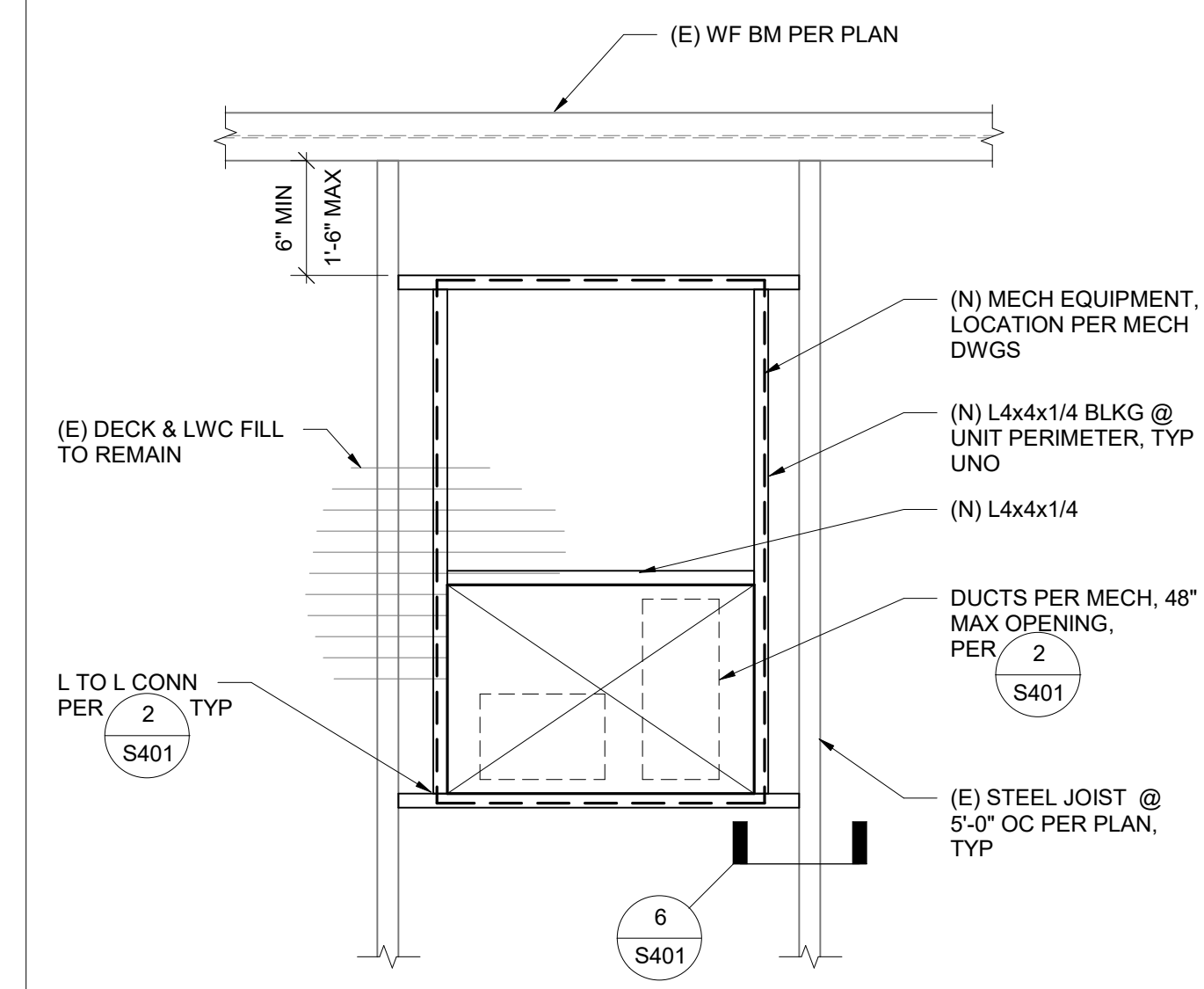
ARCHITECT
 CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DESCRIPTION	DATE
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3	DSA BACKCHECK SET V3	07/17/2023

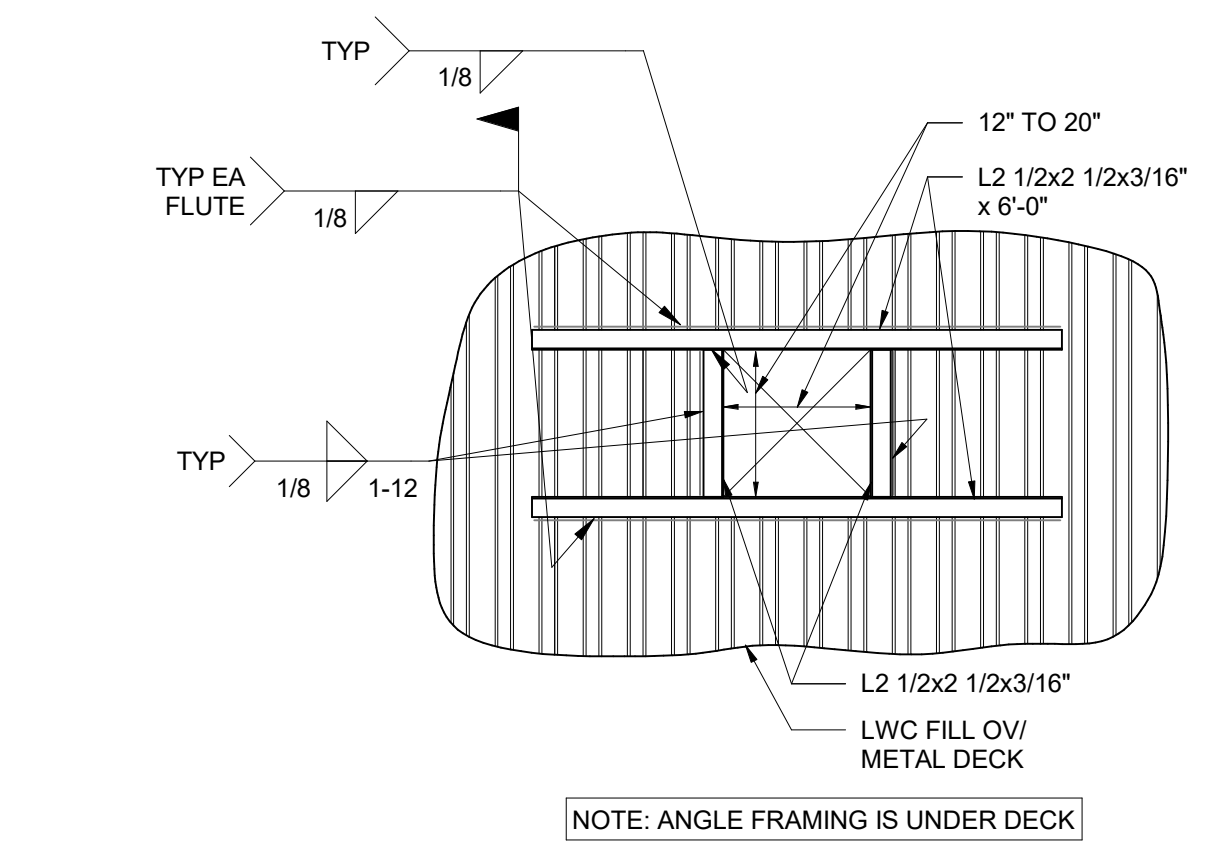
DATE 07/17/2023
 JOB NO. Y2243.00
 SHEET TITLE

TYPICAL DETAILS

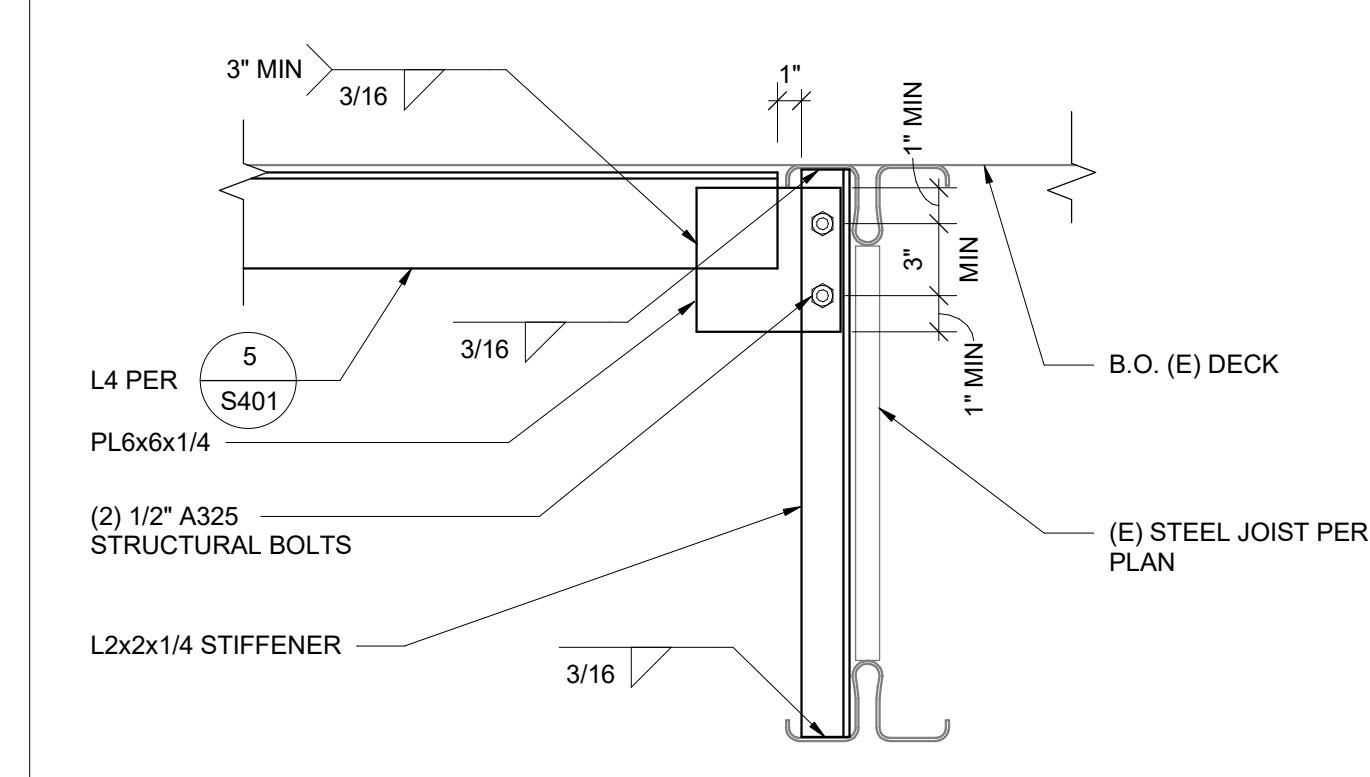
SHEET NO.
 S401



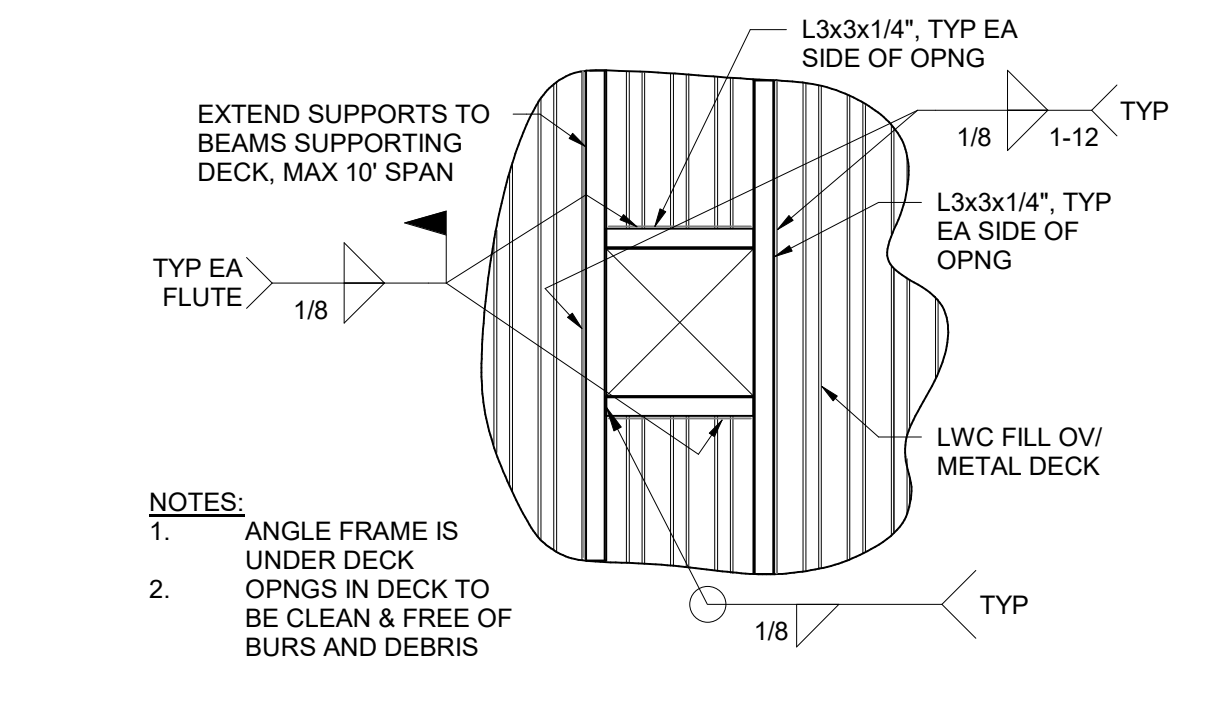
5 DETAIL
 1/2" = 1'-0"



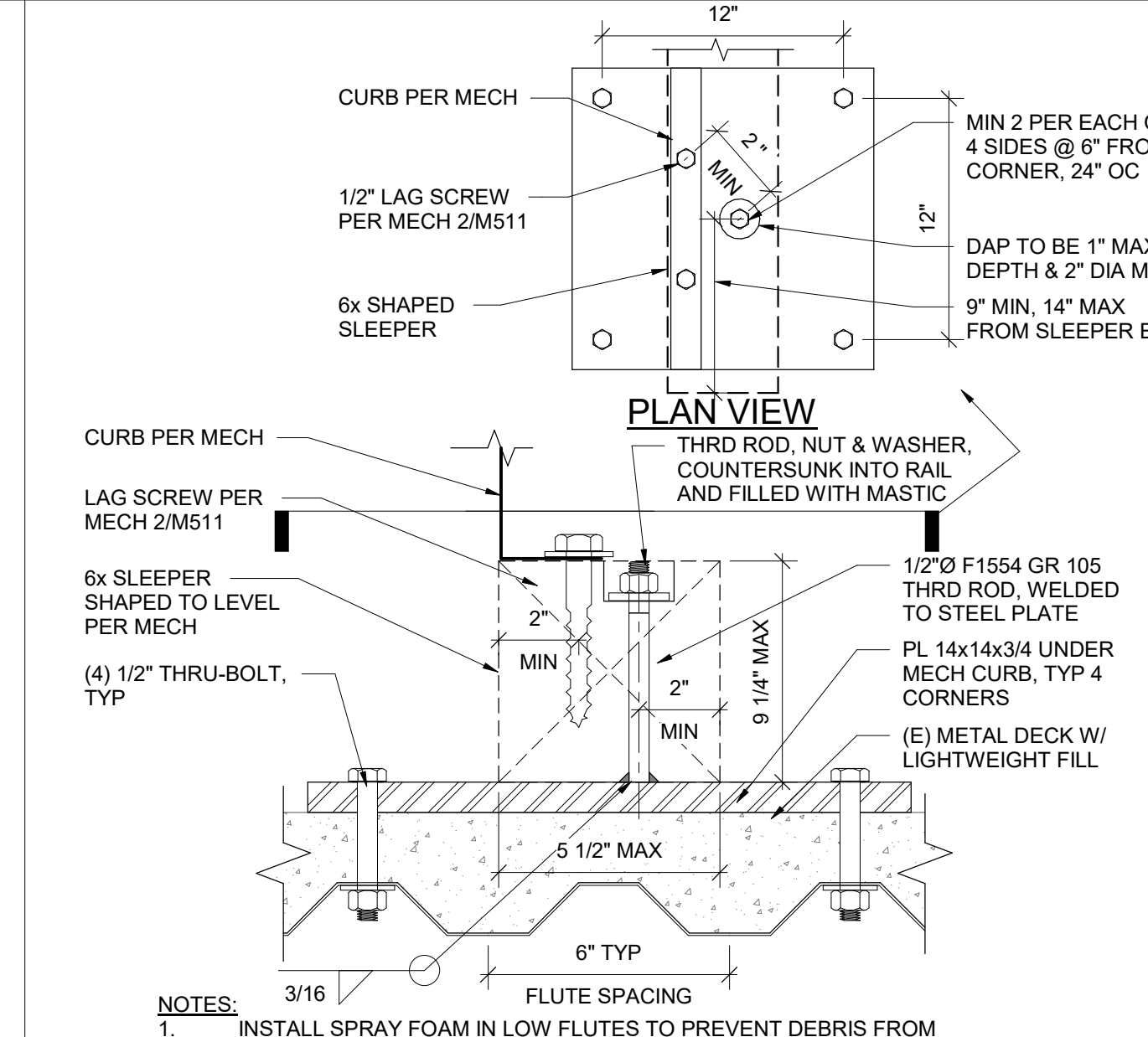
1 12"-20" DECK OPENINGS
 1/2" = 1'-0"



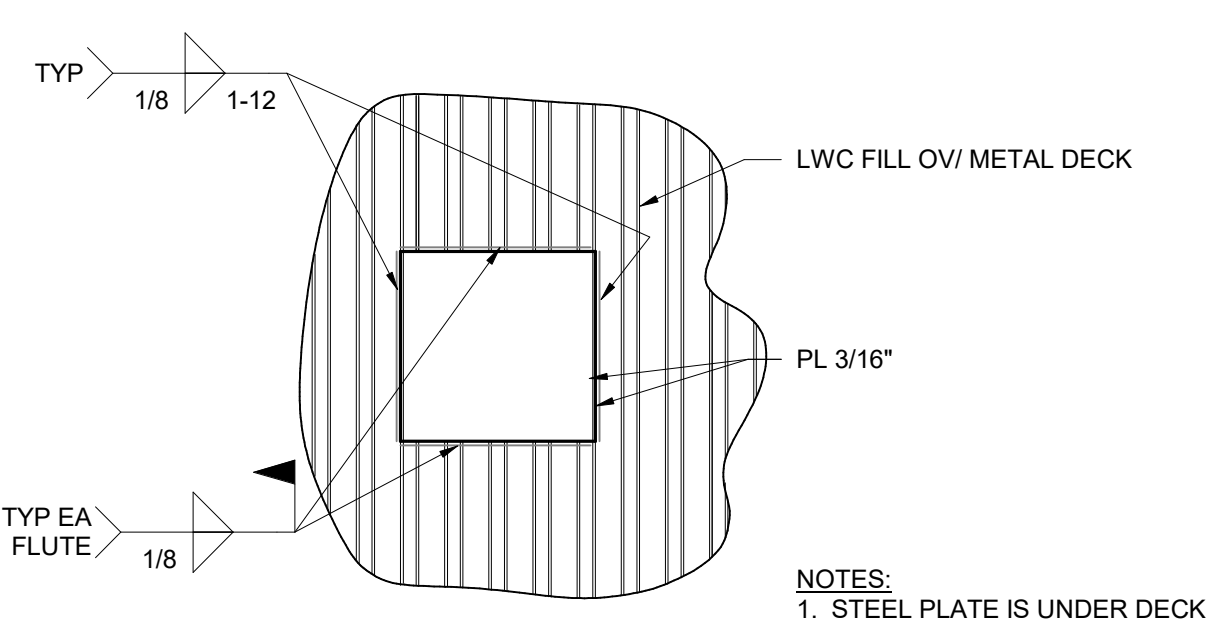
6 ANGLE TO JOIST CONNECTION
 1 1/2" = 1'-0"



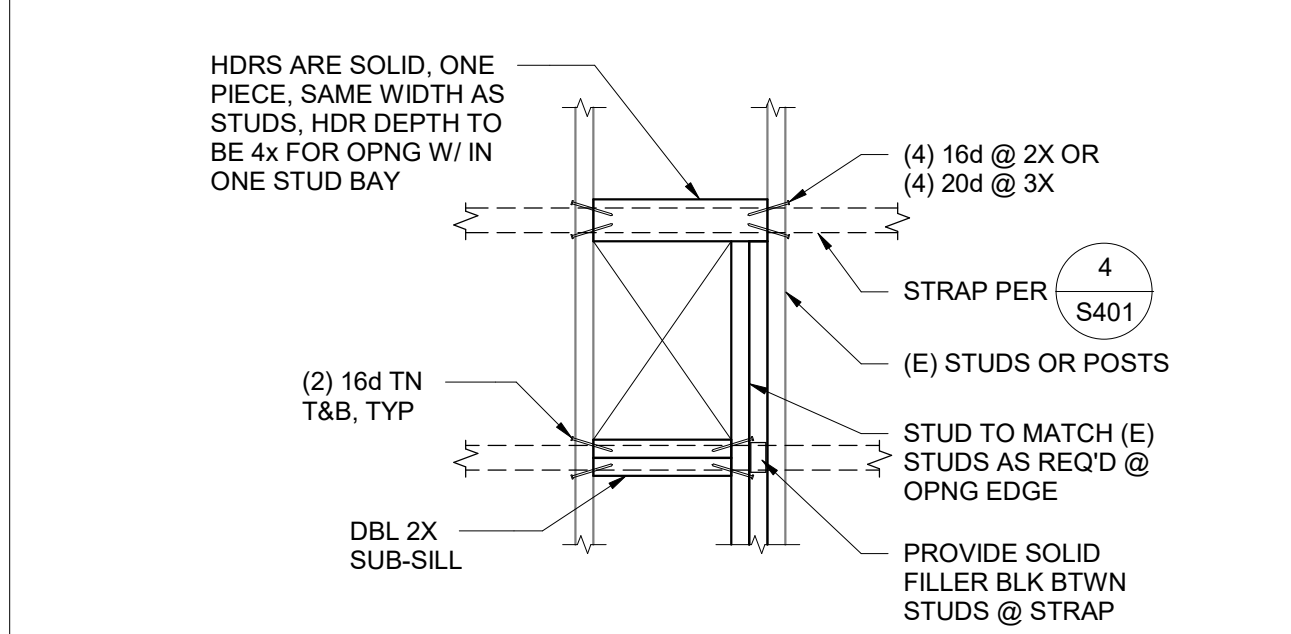
2 20"-48" DECK OPENINGS
 1/2" = 1'-0"



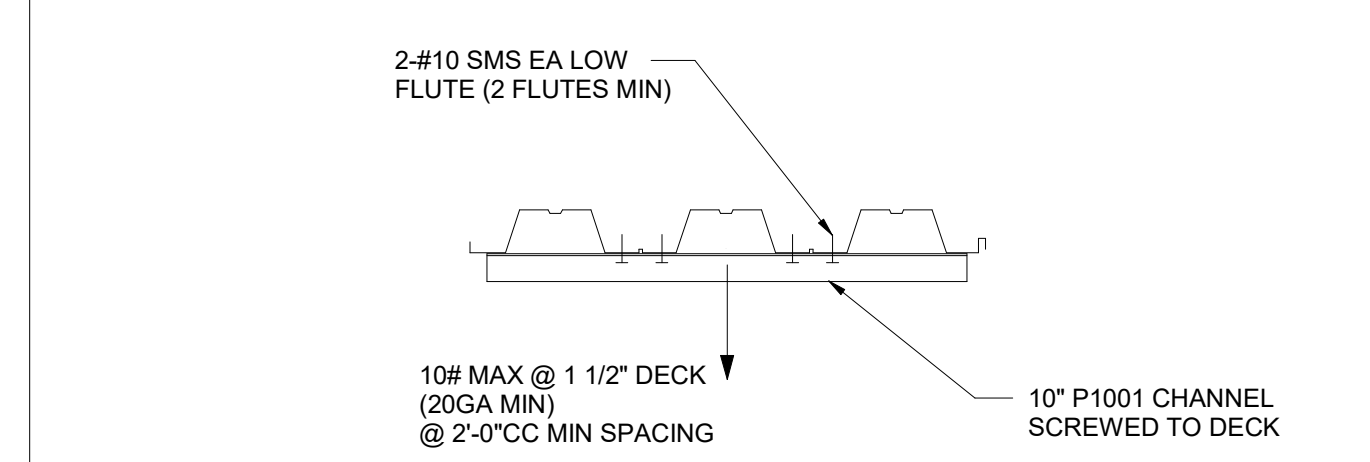
7 CURB ATTACHMENT DETAIL
 3" = 1'-0"



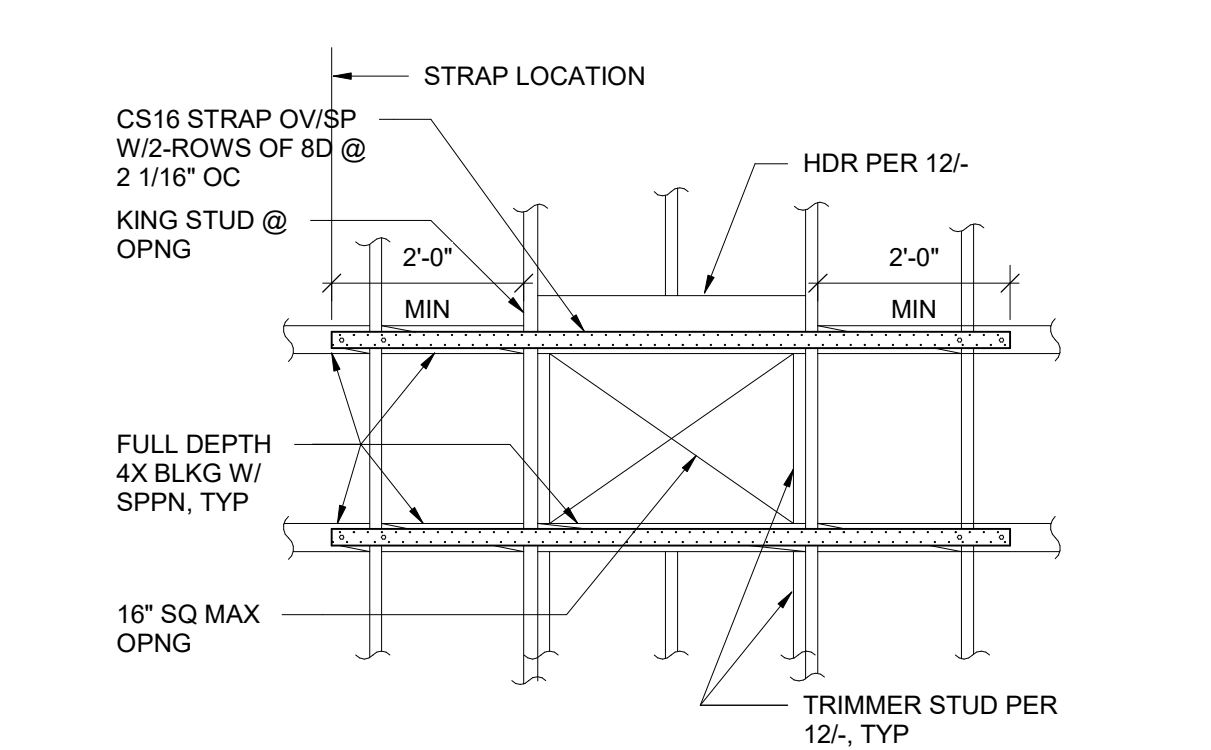
3 DECK INFILL AT SMALL (<12") OPENINGS
 1/2" = 1'-0"



12 FRAMED WALL OPNG W/IN ONE (E) STUD BAY
 3/4" = 1'-0"



8 HANGERS FROM METAL DECK
 1" = 1'-0"



4 SHEAR WALL OPENING
 1/2" = 1'-0"

ONE AND ONE-HALF INCH = ONE FOOT

ONE INCH = ONE FOOT

THREE-QUARTERS INCH = ONE FOOT

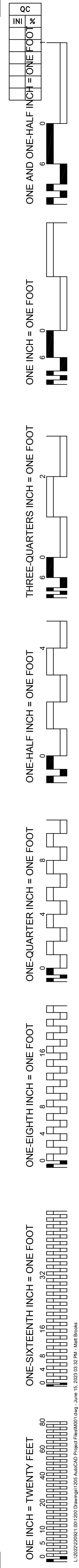
ONE-HALF INCH = ONE FOOT

ONE-QUARTER INCH = ONE FOOT

ONE-EIGHTH INCH = ONE FOOT

ONE-SIXTEENTH INCH = ONE FOOT

ONE INCH = TWENTY FEET



CALIFORNIA ENERGY CODE ACCEPTANCE TESTING

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE. LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

A LISTING OF CERTIFIED ATT CAN BE FOUND AT [HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE](https://www.energy.ca.gov/programs-and-topics/programs/acceptance-test-technician-certification-provider-program/acceptance)

THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

PIPING, DUCTWORK & ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEMS ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (e.g., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E)

MP□ MD□ PP□ E□ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS

MP▣ MD▣ PP▣ E▣ OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #) #0043-13

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

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

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL, RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

MECHANICAL GENERAL NOTES

- ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES AND INDUSTRY STANDARDS.
- VERIFY EXACT LOCATION OF ALL (E) EQUIPMENT, DUCTWORK, DIFFUSERS, REGISTERS AND GRILLES. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN (E) SYSTEMS AND DRAWINGS.
- COORDINATE EXACT LOCATION OF EQUIPMENT AND ALL PENETRATIONS THROUGH ROOF, FLOORS AND WALLS WITH ARCHITECTURAL STRUCTURAL SYSTEMS PRIOR TO COMMENCING WORK.
- COORDINATE EXACT SIZE AND ROUTING OF DUCTWORK WITH ARCHITECTURAL PLANS, STRUCTURE AND EQUIPMENT PRIOR TO COMMENCING WORK.
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS, REGISTERS AND GRILLES.
- FURNISH AND INSTALL MANUAL AIR DAMPERS AT ALL DUCT BRANCH TAKEOFFS TO A SINGLE SUPPLY DIFFUSER.
- FLEXIBLE DUCTWORK CONNECTIONS TO CEILING DIFFUSERS ARE LIMITED TO 5' MAXIMUM LENGTH.
- ALL DUCTWORK, CEILING DIFFUSERS/REGISTERS/GRILLES, EQUIPMENT, PIPING ETC., ARE NEW U.O.N. (SHOWN HEAVY). (E) DUCTWORK, PIPING ETC. IS SHOWN LIGHT. SEE LEGEND.
- (E) DUCTWORK AND ITEMS TO BE REMOVED ARE SHOWN CROSSED (X) OUT. SEE LEGEND. COORDINATE CLOSELY WITH (N) DUCTWORK AND P.O.C.'S SHOWN. ALL OTHER (E) DUCTWORK, ETC. TO REMAIN.
- WHERE INLET DUCT DIAMETER AND DIFFUSER NECK SIZE ARE THE SAME (I.E. 9"Ø & 9"Ø) CONTRACTOR SHALL OVERSIZE THE SHEET METAL PLENUM TO ACCOMMODATE THE ROUND DUCT CONNECTION.
- THERMOSTATS AND ROOM TEMPERATURE SENSORS SHALL BE INSTALLED AT 46" ABOVE FINISHED FLOOR (TO TOP OF DEVICE). DO NOT INSTALL THERMOSTATS AND ROOM TEMPERATURE SENSORS ABOVE CASEWORK, SHELVING OR OTHER OBSTRUCTIONS OVER 24" IN DEPTH AND 34" IN HEIGHT.

DUCT LEGEND

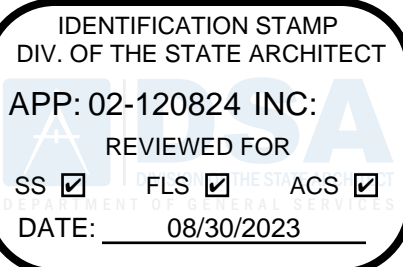
SINGLE LINE SYMBOL	DOUBLE LINE SYMBOL	DESCRIPTION
		RECTANGULAR DUCT - WIDTH x DEPTH (PLAN VIEW) DEPTH x WIDTH (SECTION VIEW)
		ACOUSTICALLY LINED (1" THICK INTERNAL LINER) RECTANGULAR DUCT-DIMENSIONS ARE OUTSIDE
		ACOUSTICALLY LINED (2" THICK INTERNAL LINER) RECTANGULAR DUCT-DIMENSIONS ARE OUTSIDE
		MANUAL AIR DAMPER
		RISE OR DROP DUCT IN DIRECTION OF AIR FLOW
		RECTANGULAR TO ROUND TRANSITION, MAX. SLOPE OF 1:3
		RECTANGULAR TO ROUND TRANSITION, MAX. SLOPE OF 1:3
		ELBOW, RECTANGULAR, SMOOTH RADIUS, WITHOUT TURNING VANES
		SQUARE/RECTANGULAR DUCT ELBOW WITH TURNING VANES
		CONVERGING OR DIVERGING TEE, 45° ENTRY, RECTANGULAR MAIN AND BRANCH. WHEN REDUCING MAIN, SIDE OF TAKE OFF OR ENTRY BRANCH TO BE FLAT, OTHER SIDES MAX. SLOPE OF 1:3
		CONICAL DUCT TAKE OFF FROM RECTANGULAR VIA SPIN-IN WIDAMPER AND SCOOP
		ROUND DUCT TAKE OFF FROM RECTANGULAR VIA SMOOTH CONVERGING BELL MOUTH
		RECTANGULAR DUCT TEE - MADS ON THE 2 BRANCHES, THROAT SIZED FOR EQUAL PRESSURE DROP
		RECTANGULAR DUCT SPLIT MADS, THROAT SIZED FOR EQUAL PRESSURE DROP
		3-WAY RECTANGULAR SPLIT WITH TWO TRANSITIONAL ELBOWS AND TRANSITIONING MAIN. DOWNSTREAM MADS ON THE TREE BRANCHES. THROATS SIZED FOR EQUAL PRESSURE DROP.
		FOR CONCEALED DUCT: DROP TO DIFFUSER SHALL BE FULL SIZE OF DIFFUSER NECK. FOR EXPOSED DUCT: DROP SHALL BE FULL SIZE OF OD DIFFUSER FRAME, FLANGE FOR MOUNTING DIFFUSER TURNED IN. AIR EXTRACTOR AND EQUALIZER GRID AT CONNECTION TO MAIN.
		SUPPLY AIR, SUPPLY AIR DUCT IN SECTION, SUPPLY DROP
		RETURN AIR, RETURN AND OUTSIDE AIR DUCT IN SECTION, RETURN AIR DROP
		EXHAUST AIR, EXHAUST AIR DUCT IN SECTION, EXHAUST AIR DROP
		FLEXIBLE DUCT (ROUND)
		FLEXIBLE DUCT (FABRIC)
		45° REDUCING LATERAL FITTING
		90° REDUCING TEE FITTING

MECHANICAL LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	ABV	ABOVE
	ABC	ABOVE CEILING
	AF	ABOVE FLOOR
	AFB	ABOVE FINISHED FLOOR
	AFG	ABOVE FINISHED GRADE
	AD, AP	ACCESS DOOR, ACCESS PANEL
	AC	AIR CONDITIONING
	APD	AIR PRESSURE DROP, INCHES WATER COLUMN
	AB	ANCHOR BOLT
	ANV	ANGLE VALVE
	AAV	AUTOMATIC AIR VENT
	ATV	ATMOSPHERIC VENT (STEAM OR HOT VAPOR)
	BV	BALL VALVE
	BDD	BACK DRAFT DAMPER
	BFP	BACKFLOW PREVENTER
	BF	BELOW FLOOR
	BHP	BRAKE HORSE POWER
	BTU(H)	BRITISH THERMAL UNITS (PER HOUR)
	BFV	BUTTERFLY VALVE
	BPT	BYPASS TIMER
	CBV	CALIBRATED BALANCE VALVE
	CO2	CARBON DIOXIDE (CO2) SENSOR, INSTALLED AT 66" AFF (TO TOP OF DEVICE, EXCEPT WHEN INTEGRAL TO T-STAT OR TEMPERATURE SENSOR)
	CC	CENTER TO CENTER
	CLG	CEILING
	CEF	CEILING EXHAUST FAN
	CKV	CHECK VALVE
	CHWS	CHILLED WATER SUPPLY PIPING
	CHWR	CHILLED WATER RETURN PIPING
	CP	CIRCULATING PUMP
	CLR	CLEAR
	CONC	CONCRETE
	CD	CONCENTRIC REDUCER
	CD	CONDENSATE DRAIN
	CR	CONDENSATE RETURN
	COND	CONDENSER
	CWS	CONDENSER WATER SUPPLY PIPING
	CWR	CONDENSER WATER RETURN PIPING
	CONN	CONNECT OR CONNECTION
	CONT	CONTINUATION
	CONTR	CONTRACTOR
	CT	COOLING TOWER
	CFM	CUBIC FEET OF AIR FLOW PER MINUTE
	DRP	DAMPER
	DIA	DEGREES FAHRENHEIT
	DL	DIAMETER, PHASE
	DN	DOWN
	DR	DRAIN
	DB	DRY BULB (DEGREES FAHRENHEIT)
	DS	DYNAMIC SENSOR
	EP	ELECTRICAL PANEL
	EL	ELEVATION
	ENT	ENTERING
	EDB	ENTERING DRY BULB
	EW	ENTERING WATER
	EWT	ENTERING WATER TEMPERATURE
	EWB	ENTERING WET BULB
	EVAP	EVAPORATOR
	EC	EVAPORATIVE COOLER
	EA	EXHAUST AIR
	EAD	EXHAUST AIR DAMPER
	EF	EXHAUST FAN
	(E), EXIST	EXISTING
	(E)	EXISTING TO BE REMOVED
	ESP	EXTERNAL STATIC PRESSURE
	FFM	FEET PER MINUTE
	FIN	FINISH
	FD	FIRE DAMPER
	FS	FIRE/SMOKE DAMPER
	FC	FLEXIBLE CONNECTION
	FLR	FLOOR
	FLV	FLOW IN DIRECTION OF ARROW
	FA	FROM ABOVE
	FB	FROM BELOW
	FLA	FULL LOAD AMPS
	GCK	GAGE COCK
	GPH	GALLONS PER HOUR
	GPM	GALLONS PER MINUTE
	GV	GATE VALVE
	GLV	GLOBE VALVE
	GALV	GALVANIZED
	GI	GALVANIZED IRON
	GA	GAUGE
	HTG	HEATING
	HPS	HIGH PRESSURE STEAM
	HPR	HIGH PRESSURE RETURN
	HW	HOT WATER
	HWS	HOT WATER SUPPLY PIPING
	HWR	HOT WATER RETURN PIPING

MECHANICAL LEGEND cont'd

SYMBOL	ABBREVIATION	DESCRIPTION
	H	HUMIDISTAT, "X" INDICATES SYSTEM CONTROLLED
	IE	INVERT ELEVATION
	KW	KILOWATTS
	KWH	KILOWATT HOUR
	LDB	LEAVING DRY BULB IN DEGREES FAHRENHEIT
	LWB	LEAVING WET BULB IN DEGREES FAHRENHEIT
	LRA	LOCKED ROTOR AMPERES
	LVR	LOUVER
	LPS	LOW PRESSURE STEAM
	LPR	LOW PRESSURE RETURN
	MAD, MD	MANUAL AIR DAMPER
	MAV	MANUAL AIR VENT
	MFR	MANUFACTURER
	MAX	MAXIMUM
	MPS	MEDIUM PRESSURE STEAM
	MPR	MEDIUM PRESSURE RETURN
	MIN	MINIMUM
	MCC	MOTOR CONTROL CENTER
	(N)	NEW
	OC	ON CENTER
	OA	OUTSIDE AIR
	OAD	OUTSIDE AIR DAMPER
	OD	OUTSIDE DIAMETER
	OV	OUTLET VELOCITY
	OH	OVERHEAD
		PETE'S PLUG
		PIPE ANCHOR
		PIPE DROP
		PIPE GUIDE
		PIPE RISE
		PITCH DOWN IN DIRECTION OF FLOW
	POC, POD	POINT OF CONNECTION, POINT OF DISCONNECTION
	LBS	POUNDS
	PSI (G) (A)	POUNDS PER SQUARE INCH (GAUGE) (ABSOLUTE)
	PD	PRESSURE DROP
	PG	PRESSURE GAUGE
	PRV	PRESSURE REDUCING VALVE
	PCR	PUMPED CONDENSATE RETURN
	RG	REFRIGERANT GAS PIPING
	RS	REFRIGERANT SUCTION PIPING
	RL	REFRIGERANT LIQUID PIPING
	Rv or P&TRV	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE
	RA	RETURN AIR
	RAD	RETURN AIR DAMPER
	RPM	REVOLUTIONS PER MINUTE
	RLA	RUNNING LOAD AMPERES
	SB	SECURITY BARS
	SM	SHEET METAL
	SD	SMOKE DAMPER
	SKD	SMOKE DETECTOR
	SD	SPLITTER DAMPER
	SOFT, FT ²	SQUARE FEET
	SQIN, IN ²	SQUARE INCHES
	SP	STATIC PRESSURE
	SPD	STATIC PRESSURE DROP
		STEAM TRAP (ALL TYPES)
	STR	STRAINER
	SA	SUPPLY AIR
	SF	SUPPLY FAN
	TCV	TEMPERATURE CONTROL PANEL
	TCV	TEMPERATURE CONTROL VALVE
	TS	TEMPERATURE SENSOR, "X" INDICATES SYSTEM CONTROLLED, INSTALLED AT MAX. 46" AFF (TO TOP OF DEVICE)
		THERMOMETER
	T, T-STAT	THERMOSTAT, "X" INDICATES SYSTEM CONTROLLED, INSTALLED AT MAX. 46" AFF (TO TOP OF DEVICE)
	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
	TA	TO ABOVE
	TB	TO BELOW
	TP	TOTAL PRESSURE
	TSP	TOTAL STATIC PRESSURE
	TYP	TYPICAL
	UG	UNDERGROUND
	UCD	UNDER CUT DOOR
	UON	UNLESS OTHERWISE NOTED
		UNION
	VLV	VALVE
		VALVE IN RISER (TYPE AS INDICATED OR NOTED)
		VALVE IN VALVE BOX
	WPD	WATER PRESSURE DROP
	W	WATTS
	WT	WEIGHT
	WB	WET BULB
	WMS	WIRE MESH SCREEN
	WP	WORKING PRESSURE
		2-WAY CONTROL VALVE
		3-WAY CONTROL VALVE



AGENCY APPROVAL

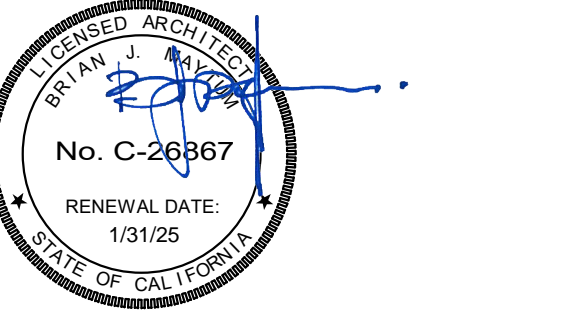
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HVAC REPLACEMENT

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ARCHITECT CONSTRUCTION DOCUMENTS

NO.	DESCRIPTION	DATE
1	DSA SUBMITTAL SET	12/22/2022
2	DSA BACKCHECK SET	06/19/2023
3	DSA BACKCHECK SET V3	07/17/2023

DATE: 07/17/2023
JOB NO.: Y2243.00
SHEET TITLE

HVAC
GENERAL
NOTES &
LEGENDS

SHEET NO.
M001

BID PACKAGE A