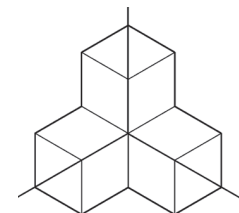


Ashland High School - ADA

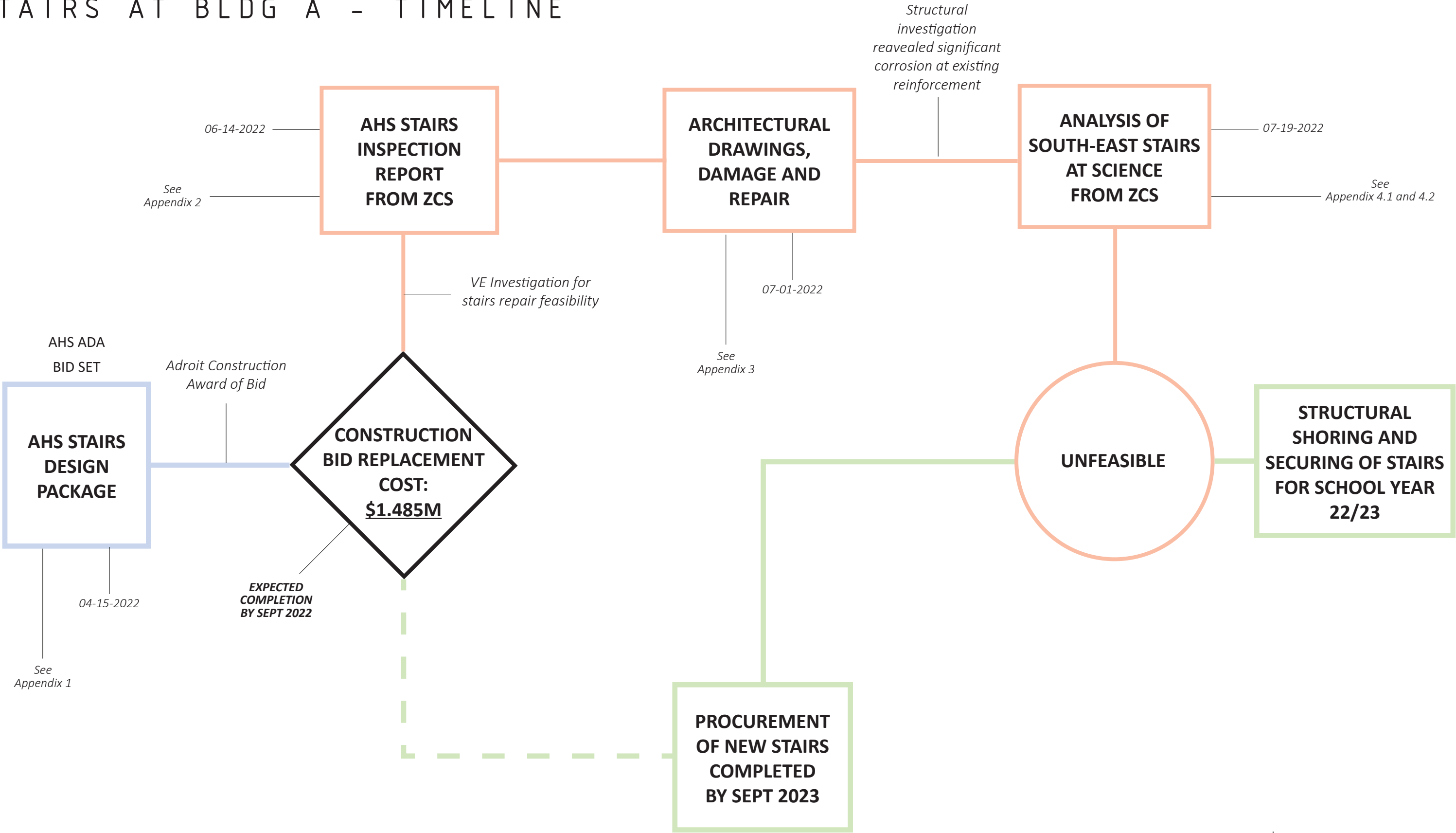
Stairs at Science - timeline

07/27/2022



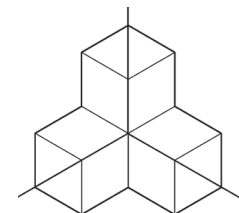
arkitek
design&architecture

STAIRS AT BLDG A - TIMELINE



Appendix 1

07/25/2022



arkitek
design&architecture

Ashland High School Modernization Project

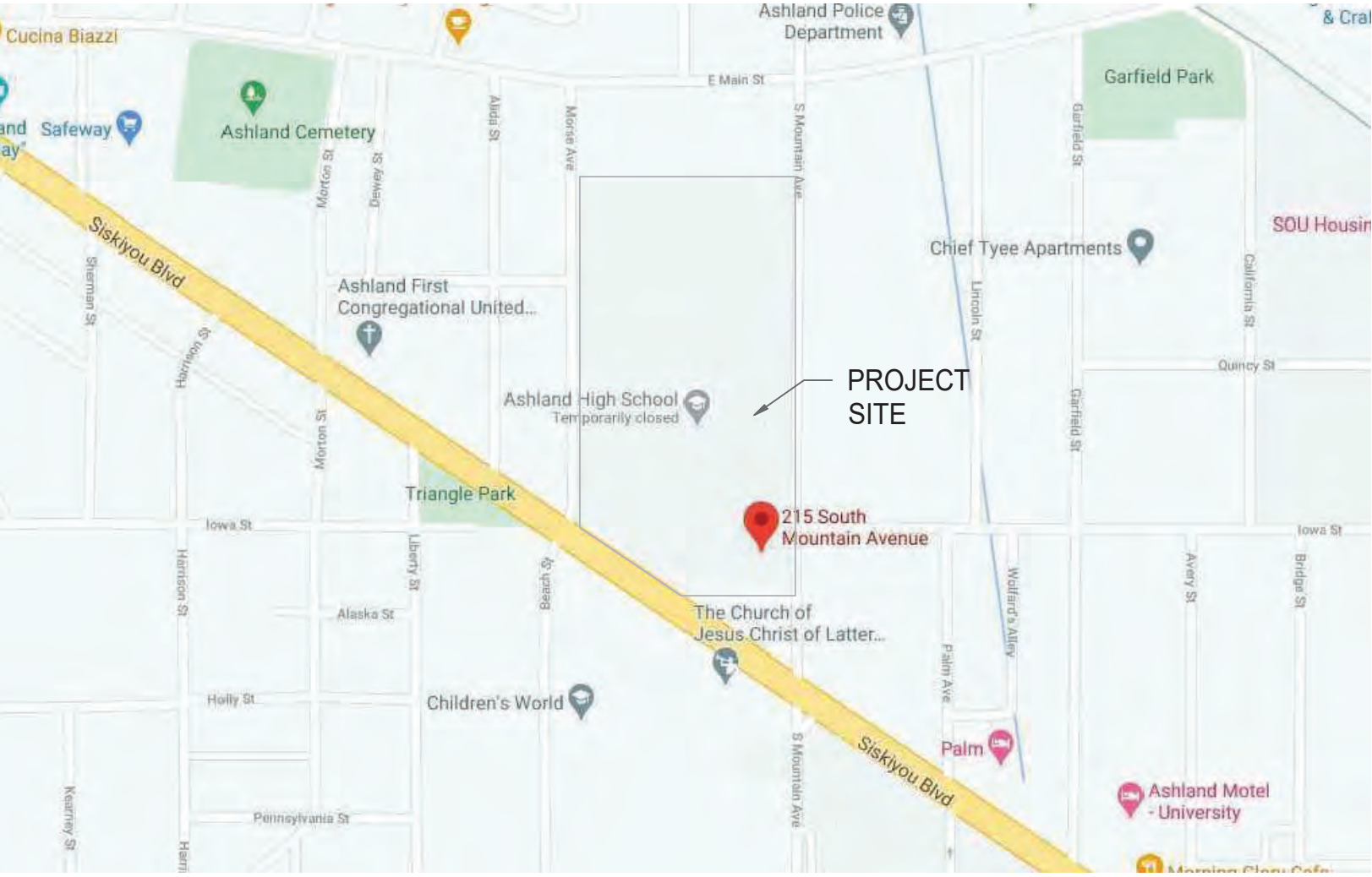
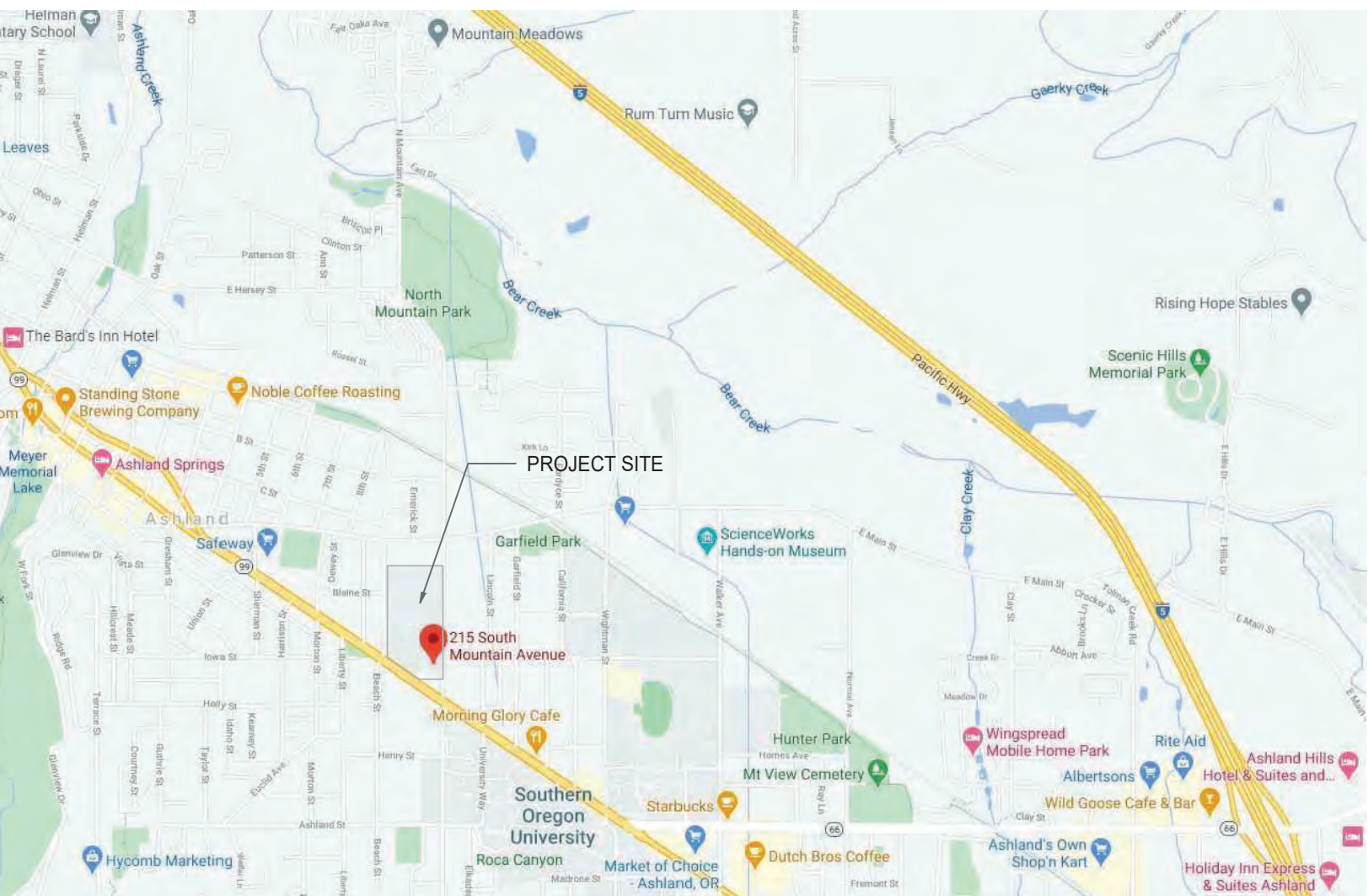
Ashland School District

201 S MOUNTAIN AVENUE,
ASHLAND OR 97520

BID SET
04/15/22



VICINITY MAP



PROJECT ADDRESS:

201 S MOUNTAIN AVENUE,
ASHLAND OR 97520

PROJECT SUMMARY:

SITE AND ARCHITECTURAL CAMPUS UPGRADES FOR ADA UNIVERSAL ACCESSIBILITY INCLUDE THE REPLACEMENT OF THREE (3) EXTERIOR STAIRCASES AT BLDG A, NEW ACCESSIBLE RAMPS & CODE-COMPLIANT STAIRS SURROUNDING BUILDINGS A, B, & C, QUAD UPGRADES, AND PARKING LOT IMPROVEMENTS.

PROJECT TEAM

CLIENT
ASHLAND SCHOOL DISTRICT #5
www.ashland.k12.or.us
885 siskiyou boulevard
ashland, OR 97520
(541) 482-2185
Sammuel Bogdanove, Superintendent

ELECTRICAL ENGINEER
DOUGLAS ENGINEERING PACIFIC, INC.
www.douglasengineering.com
280 n. main street, suite 6
ashland, OR 97520
(541) 482-3938
Myron Hudson, Vice Principal

CLIENT REPRESENTATIVE
HMK, Co.
www.hmkco.org
403 w 1st avenue, suite 7
albany, OR 97321
(971) 304-0710
David McKay, Owner
Chris McKay, Program Manager
Aaron Lacey, Project Manager

MECHANICAL / PLUMBING ENGINEER
MFA INC. CONSULTING ENGINEERS
www.mfa-eng.com
2007 SE Ash St
Portland, Oregon 97214
(503) 234-0548
Scott Miller, P.E.

ARCHITECT
ARKITEK: DESIGN & ARCHITECTURE
www.arkitek.us
426 a street, suite 101
ashland, OR 97520
(541) 591-9988
Christopher Brown, Principal
Jane Alexander, Planning Manager
Jerome White, Project Architect
Peter Su, Project Manager

CIVIL ENGINEER
POWELL ENGINEERING + CONSULTING
www.powellengineeringconsulting.com
221 n. central avenue, pmb 221
medford, OR 97501
(541) 613-0723
Todd Powell, Civil Engineer

LANDSCAPE ARCHITECT
COVEY PARDEE LANDSCAPE ARCHITECTS
www.coveypardee.com
295 east main, no. 8
ashland, OR 97520
(541) 552-1015
Greg Covey, Landscape Architect
Alan Pardee, Landscape Architect

STRUCTURAL ENGINEER
ZCS ENGINEERING / ARCHITECTURE
www.zcsea.com
45 hawthorne street
medford, OR 97504
(541) 503-8588
Sy Allen, PE, SE, Vice President
Kristofer Tonning, PE, SE, Senior Project Manager

HARDWARE CONSULTANT
ALLEGION, PLC
www.allegion.com
3722 nw washout creek lane
prineville, OR 97754
(503) 799-9655
Joe Cross, AHC

PROJECT NOTES

1. THE CONSTRUCTION CONTRACT IS FOR THE CONSTRUCTION OF A COMPLETE AND FULLY FUNCTIONING INSTALLATION. THESE DOCUMENTS DESCRIBE THE DESIGN INTENT AND SPECIFIC REQUIREMENTS OF THE INSTALLATION. THESE DOCUMENTS DO NOT INTEND TO SHOW EVERY ITEM REQUIRED TO CONSTRUCT THE WORK. ITEMS SUCH AS FASTENERS, CONNECTORS, FILLERS, MISCELLANEOUS CLOSURE ELEMENTS, ANCILLARY CONTROL WIRING AND POWER WHERE REQUIRED FOR THE CONTROL OR OPERATION OF THE PROVIDED EQUIPMENT ARE NOT ALWAYS SHOWN BUT ARE CONSIDERED INCLUDED IN THE SCOPE OF THE WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A FULLY FUNCTIONING INSTALLATION WHICH MEETS THE DESIGN INTENT, INCLUDING THE SPECIFIC REQUIREMENTS INCLUDED IN THESE DOCUMENTS.
2. ALL ITEMS IN THESE DOCUMENTS ARE NEW UNLESS OTHERWISE NOTED.
3. THESE DOCUMENTS DESCRIBE A SINGLE CONSTRUCTION CONTRACT. THE USE OF SUBCONTRACTORS IS THE ELECTION OF THE CONTRACTOR. THESE DOCUMENTS DO NOT INTEND TO DIVIDE THE WORK AMONG THE CONTRACTOR'S SUBCONTRACTORS. WHERE THE DOCUMENTS IDENTIFY WORK WHICH IS "NOT IN MECHANICAL WORK" OR "NOT IN ELECTRICAL WORK" IT MEANS THAT WORK IS NOT FURTHER DESCRIBED OR SPECIFIED IN THE MECHANICAL OR ELECTRICAL DRAWINGS OR SPECIFICATIONS. IT DOES NOT PRECLUDE THE CONTRACTOR FROM DELEGATING THE WORK TO THE ENTITIES OF HIS ELECTION. IN ADDITION THE DIVISION OF THE CONTRACT DOCUMENTS INTO ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER DESIGN DISCIPLINES NEITHER DIVIDES THE WORK FOR THOSE DISCIPLINES AS SHOWN ONLY IN THOSE DRAWINGS OR SPECIFICATIONS. ITEMS INDICATED IN THIS SET NOTED "BY OWNER" ARE NOT IN THE CONTRACT (N.I.C.).
5. UNLESS OTHERWISE NOTED, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS TO REVIEW ALL DRAWINGS, PROJECT MANUAL, ADDENDA, ETC. IN ORDER TO ASSURE THE COORDINATION OF ALL WORK AFFECTING EACH TRADE. FAILURE TO REVIEW AND COORDINATE ALL CONTRACT DOCUMENTS BY THE GENERAL CONTRACTOR WITH ALL THE SUBCONTRACTORS FOR APPLICABLE ITEMS OF THE WORK SHALL NOT RELIEVE THE RESPONSIBLE PARTY FROM PERFORMING ALL WORK SO REQUIRED AS PART OF THE CONTRACT.
6. UNLESS OTHERWISE NOTED, THE PROJECT MANUAL, WHICH INCLUDES THE GENERAL CONDITIONS, SUPPLEMENTAL CONDITIONS, AND TECHNICAL SPECIFICATIONS, AND THE DRAWINGS ARE COMPLEMENTARY AND TOGETHER DESCRIBE THE PROJECT REQUIREMENTS. WHERE THERE ARE DISCREPANCIES BETWEEN THE PROJECT MANUAL AND THE DRAWINGS, THE CONTRACTOR SHALL ADVISE THE ARCHITECT AND REQUEST A CLARIFICATION. THE ORDER OF PRECEDENCE BETWEEN THE DRAWINGS AND THE PROJECT MANUAL IS AS DEFINED IN THE PROJECT MANUAL.
7. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL LAYOUT AND SEQUENCE THE INSTALLATION OF THE WORK SO THAT THE DIFFERENT SYSTEMS DO NOT OBSTRUCT THE INSTALLATION OF SUCCESSIVE WORK. IN GENERAL SYSTEMS INSTALLED FIRST SHOULD BE KEPT AS HIGH AND TIGHT TO STRUCTURE AS POSSIBLE TO LEAVE SPACE AVAILABLE FOR SYSTEMS WHICH FOLLOW.
8. REFER TO THE PROJECT MANUAL FOR SPECIFICATIONS, GENERAL INFORMATION, PRODUCTS AND EXECUTION REQUIREMENTS. REQUIREMENTS OF THE SPECIFICATIONS APPLY TO ALL ASPECTS OF THE WORK AND ARE INCLUDED AS ADDITIONAL INFORMATION FOR EACH ITEM SPECIFIED. IF DISCREPANCIES EXISTS BETWEEN THE SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT REQUIREMENTS SHALL PREVAIL. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVES OF ANY DISCREPANCIES.
9. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS WILL VISIT THE SITE PRIOR TO BIDDING IN ORDER TO FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND THE IMPACT OF THE PROPOSED NEW WORK, INDICATED ON THE DRAWINGS AND SPECIFICATIONS, ON THESE CONDITIONS. ANY QUESTIONS REGARDING THE COORDINATION OF NEW WORK OR EXISTING CONDITIONS MUST BE SUBMITTED TO THE OWNER'S REPRESENTATIVE IN WRITING PRIOR TO BID SUBMISSION AND WITH ADEQUATE TIME FOR RESPONSE TO ALL BIDDERS. THE OWNER'S REPRESENTATIVE WILL RESPOND TO QUESTIONS AND COMMENTS, SUBMITTED IN A TIMELY MANNER, WITH WRITTEN CLARIFICATIONS OR AWARDED TO ALL BIDDERS.
10. THE EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS ARE ASSUMED TO BE ACCURATE BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL, PRIOR TO THE START OF CONSTRUCTION, VERIFY ALL EXISTING CONDITIONS, PROVIDE A COMPLETE FIELD LAYOUT ON THE JOB SITE, AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DEVIATIONS OR CONFLICTS WITH THESE DRAWINGS.
11. THE DRAWINGS SHALL NOT BE SCALED. THE GENERAL CONTRACTOR SHALL REFER TO THE DIMENSIONS INDICATED OR THE ACTUAL SIZES OF CONSTRUCTION ITEMS. WHERE NO DIMENSIONS OR METHOD OF DETERMINING A LOCATION IS GIVEN, VERIFY CORRECT DIMENSIONS OR LOCATION WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
12. THE DRAWINGS AND REFERENCED DETAILS HAVE BEEN DIMENSIONED IN ORDER TO ESTABLISH THE CONTROL AND GUIDELINES FOR FIELD LAYOUT. WHERE A DISCREPANCY EXISTS BETWEEN THE DRAWING AND THE DETAIL, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO INSTALLATION.
13. DIMENSIONS ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.
14. WHERE DIMENSIONS ARE NOTED TO BE VERIFIED IN THE FIELD (V/F) THE DIMENSION SHOWN IS THE DESIGN BASIS, BUT MAY DIFFER FROM ACTUAL CONDITIONS. CONTRACTOR SHALL VERIFY THESE DIMENSIONS WHILE LAYING OUT THE WORK AND REPORT ANY DISCREPANCIES BETWEEN THE DESIGN BASIS AND ACTUAL DIMENSIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK. WHERE DIMENSIONS ARE NOTED "+/-" FIELD DIMENSIONS MAY VARY FROM THE NOTED DIMENSIONS BY MINOR AMOUNTS. IF THE CONTRACTOR IDENTIFIES DIMENSIONS IN THE FIELD THAT DIFFER BY MORE THAN 1" FROM THE +/- DIMENSIONS INDICTED IN THE DRAWINGS, THE CONTRACTOR SHOULD CONFIRM DIFFERENTIAL WITH ARCHITECTS.
15. DETAILS ARE KEYED TO THE PLANS AT TYPICAL LOCATIONS. TYPICAL DETAILS APPLY TO ALL LOCATIONS WHICH ARE SIMILAR BUT ARE NOT OTHERWISE DETAILED. THE CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE FOR COORDINATING THE LOCATION OF TYPICAL DETAILS AND INSTALLING THE WORK INDICATED. IF DISCREPANCIES EXIST OR QUALIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING.
16. FINISHES ARE KEYED TO THE DRAWINGS AT TYPICAL LOCATIONS. THE FINISHES APPLY TO ALL LOCATIONS WHICH ARE SIMILAR BUT ARE NOT OTHERWISE DETAILED. CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE FOR COORDINATING THE LOCATION OF ALL TYPICAL FINISHED. IF DISCREPANCIES EXIST OR QUALIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING.
17. ABBREVIATIONS ON SHEET G2.01 APPLY TO THE ENTIRE SET UNLESS OTHERWISE NOTED.
18. WALL FIRE RATING INDICATIONS ON THE FLOOR PLANS SHOW EXTENT OF FIRE RATED PARTITION. FIRE RATING IN A PARTITION SHALL CONTINUE OVER DOOR OR WINDOW OPENING WHETHER OR NOT THEY APPEAR IN PLAN.
19. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO VERIFY SIZE AND INVERT ELEVATION OF OPENINGS / SLEEVES THROUGH CONCRETE AND MASONRY WALLS AND CONCRETE FOUNDATION WALLS. OPENINGS / SLEEVES ARE NOT LIMITED TO THOSE SHOWN ON STRUCTURAL DRAWING SHEETS.
20. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE AND MAKE PROVISIONS FOR ALL PIPE / CONDUIT SLEEVES THROUGH CONCRETE WALLS.
21. ELEVATIONS ARE TO TOP OF CONCRETE OR OTHER HARD SURFACE MATERIAL. DO NOT SCALE DRAWINGS. USE DIMENSIONS INDICATED.
22. DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING THE WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK.
23. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AT THE SITE BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO START OF THE WORK. IN CASE OF CONFLICT BETWEEN ARCHITECTURAL AND CONSULTANTS DRAWINGS, THE ARCHITECT WILL DETERMINE THE CORRECT INTENTION OF THE WORK.
24. PROVIDE PEDESTRIAN PROTECTION AS NECESSARY AND AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
25. ALL CONSTRUCTION RELATING TO BUILDING, PARKING OR SITE DEVELOPMENT SHALL CONFORM TO STATE OF OREGON AND JURISDICTIONAL ACCESSIBILITY REQUIREMENTS.
26. THE CONTRACTOR SHALL COORDINATE ANY AND ALL REQUIREMENTS FOR OFF-SITE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO SIDEWALKS, DRIVEWAYS, CURBS, GUTTERS, UTILITIES, ETC. OFF SITE IMPROVEMENTS SHALL MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION (A/HJ).
27. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. SPECIFIC NOTES ON DETAILS APPLY TO SIMILAR CONDITIONS UNLESS NOTED OTHERWISE (UNO / UON).
28. ELEVATORS SHALL COMPLY WITH THE 'OREGON ELEVATOR SPECIALTY CODE'.
29. WHERE FIRE RATED OPENING PROTECTION IS REQUIRED, THE FIRE DOORS AND SMOKE AND DRAFT CONTROL ASSEMBLIES INSTALLED IN CORRIDOR OPENINGS SHALL BE TESTED AND LABELED IN ACCORDANCE WITH OSSC CURRENT EDITION SECTION 714. IN ACCORDANCE WITH THE REQUIREMENTS OF THE LISTED ASSEMBLY, THE MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE PROVIDED WITH EACH ASSEMBLY FOR INSTALLATION AND FOR REVIEW BY THE INSPECTION AUTHORITY.

SHEET INDEX

01 - GENERAL

- G0.01 COVER SHEET
- G1.01 PROJECT INFO
- G2.01 SYMBOLS, LEGENDS, AND ACCESSIBILITY

02 - CIVIL

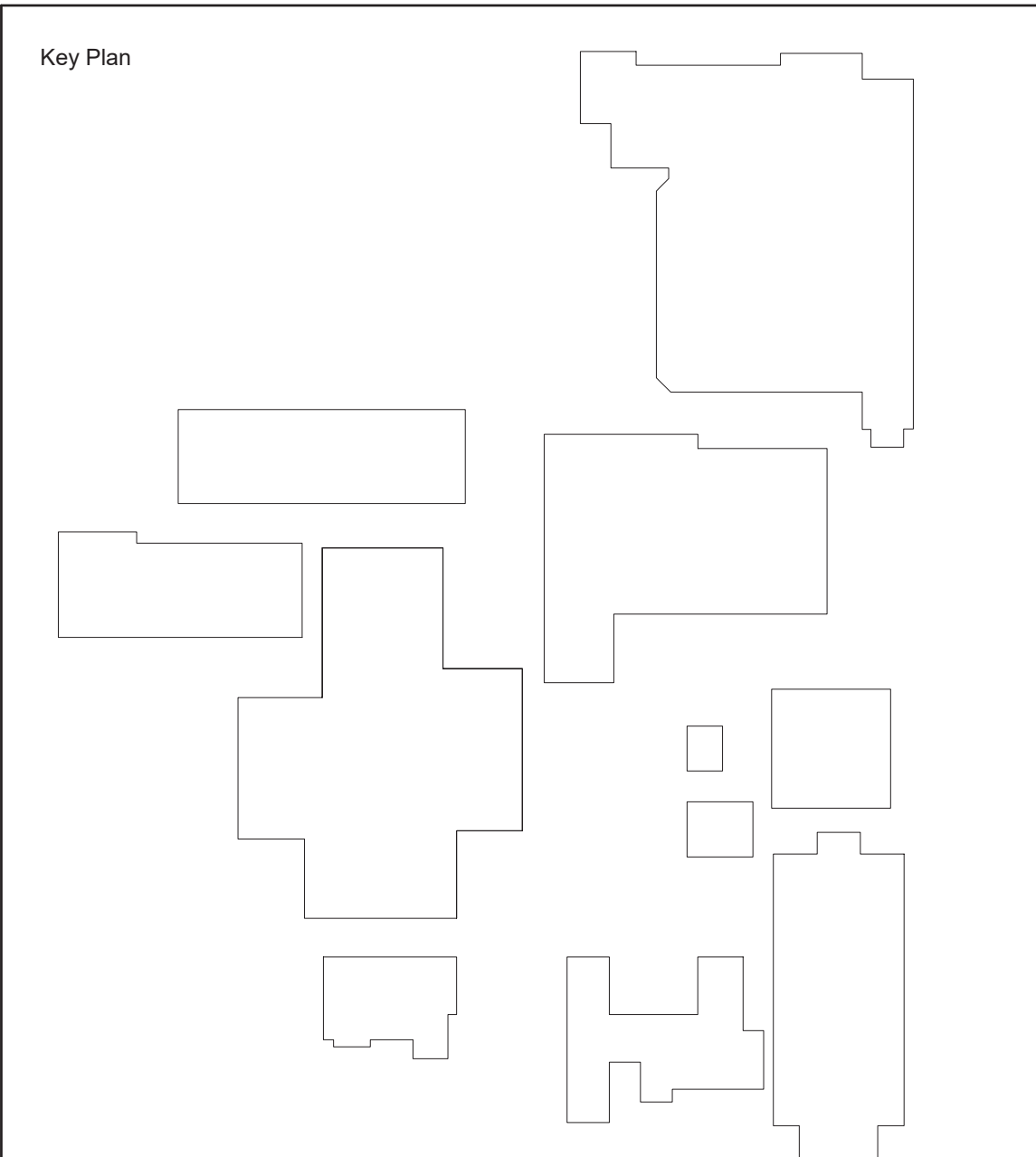
- C1.0 CIVIL GENERAL NOTES
- C1.1 EXISTING CONDITIONS
- C1.2 OVERALL SITE DEMOLITION PLAN
- C2.1 EROSION CONTROL PLAN
- C3.0 OVERALL CIVIL SITE PLAN
- C3.1 PARTIAL SITE PLAN (W)
- C3.2 PARTIAL SITE PLAN (E)
- C4.1 PARTIAL GRADING PLAN (W)
- C4.2 PARTIAL GRADING PLAN (E)
- C6.0 PROJECT DETAILS

03 - LANDSCAPE

- L0.1 TREE PROTECTION & REMOVAL PLAN
- L1.0 OVERALL IRRIGATION PLAN
- L1.1 IRRIGATION PLAN - SOUTHWEST
- L1.3 IRRIGATION DETAILS
- L2.0 OVERALL PLANTING PLAN
- L2.1 PLANTING PLAN - SOUTHWEST
- L2.2 PLANTING PLAN - SOUTHEAST

05 - ARCHITECTURAL

- AD1.01 BREEZEWAY DEMOLITION PLAN
- AD7.01 BLDG A - STAIR DEMOLITION
- A1.01 ARCHITECTURAL SITE PLAN
- A1.02 ENLARGED SITE PLAN - WEST
- A1.03 ENLARGED SITE PLAN - EAST
- A1.11 SITE DETAILS
- A7.01 BLDG A - ENLARGED PLANS
- A7.02 BLDG A - SECTIONS
- A7.03 BLDG A - DETAILS
- A7.04 BLDG A - ROOF PLANS



arkitek:
design and
architecture, llc

426 a street
ashland, or 97520
tel: 541.591.9988



Ashland School District
Ashland High School Modernization
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Consultant

Revisions
No. Description Date

Date 04/15/22
Job No. 19-031
Drawn By Author
Checked By Checker

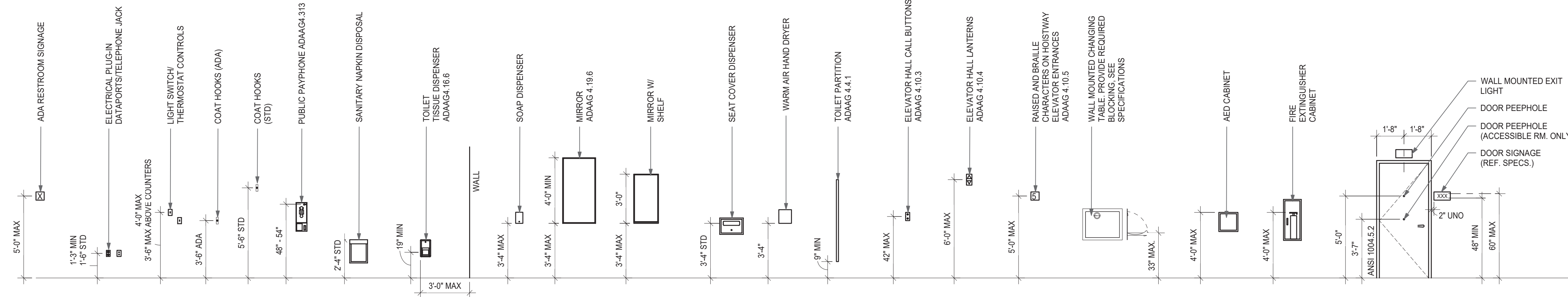
BID SET

Date 04/15/22
Project Number 19-031

Drawing Title
PROJECT INFO

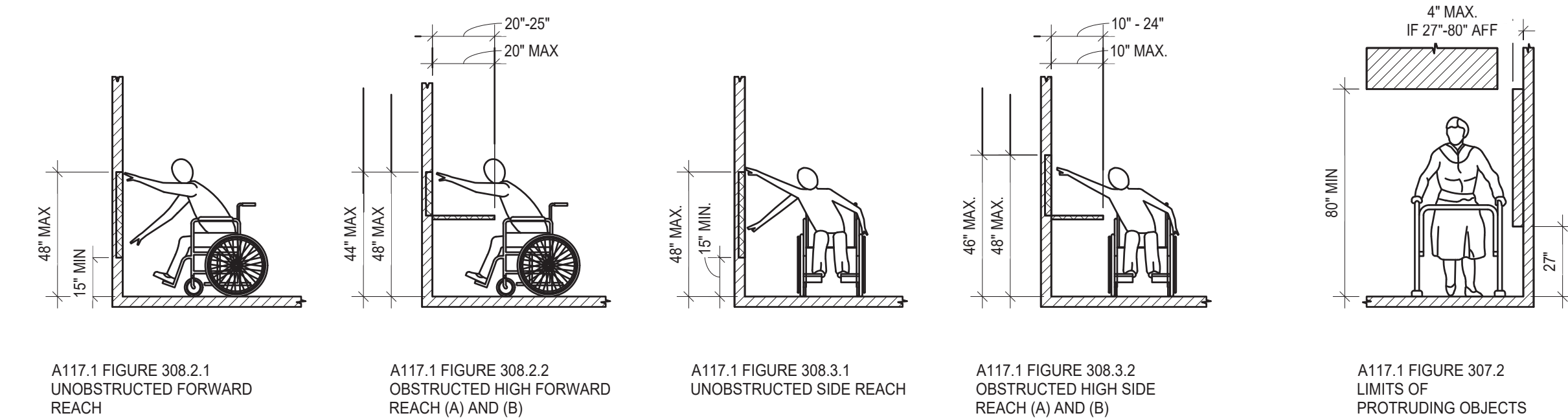
Sheet No

G1.01



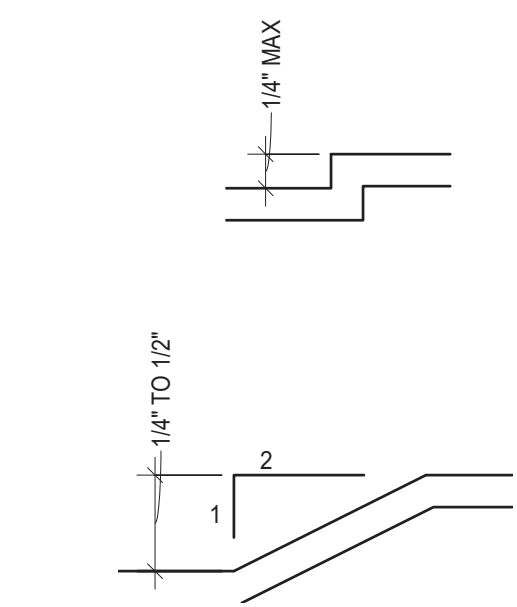
TYP ACC. MOUNTING HEIGHTS

1/4" = 1'-0"



TYP REACH RANGES

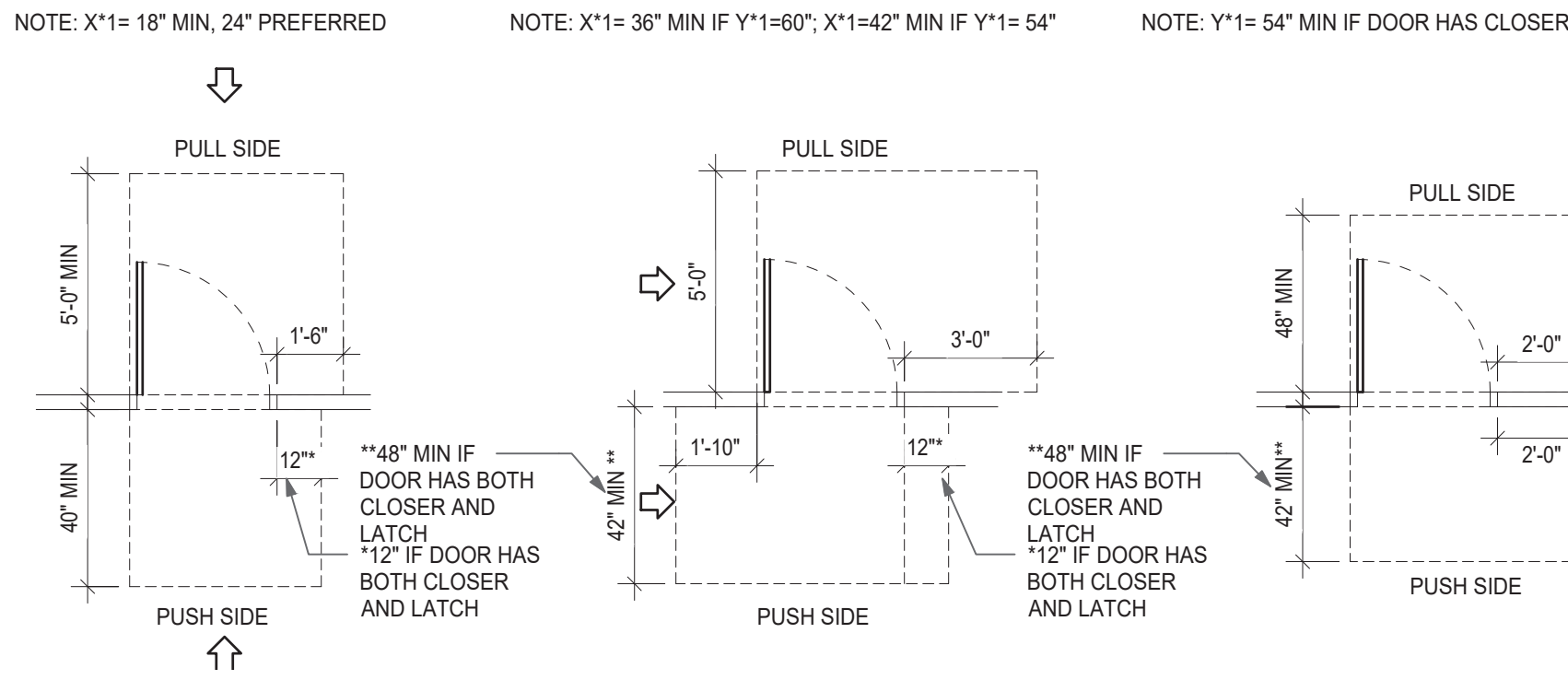
1/4" = 1'-0"



LEVEL CHANGES

PROTRUDING OBJECTS

1/4" = 1'-0"



TYP ACC. DOOR CLEARANCES

1/4" = 1'-0"

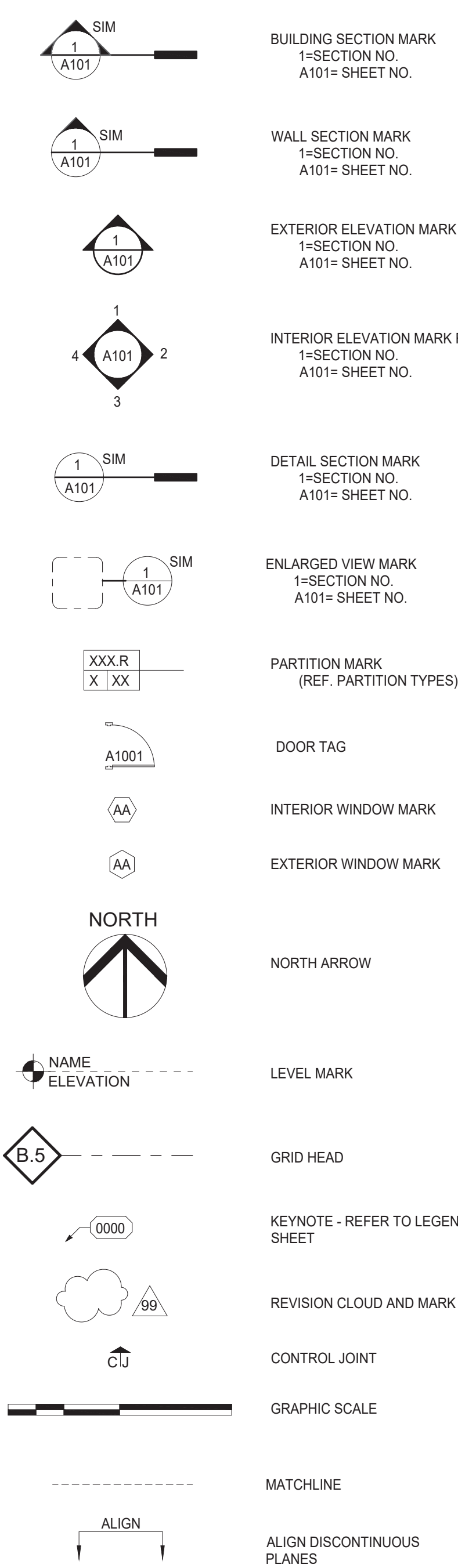
ABBREVIATIONS

#	POUND OR NUMBER	HDR	HEADER
AC	AIR CONDITIONING	HDW	HARDWARE
AB	ANCHOR BOLT	HM	HOLLOW METAL
ACT	ACOUSTICAL CEILING TILE	HOR(IZ)	HORIZONTAL
AD	AREA DRAIN	HR	HOUR
ADD	ADDENDUM	HT	HEIGHT
ADH	ADHESIVE	HTG	HEATING
AFF	ABOVE FINISH FLOOR	HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
AGG	AGGREGATE	HWD	HARDWOOD
AHJ	AUTHORITY HAVING JURISDICTION	HW	HOT WATER HEATER
AL(UM)	ALUMINUM	ID	INSIDE DIAMETER
ANOD	ANODIZED	INCL	INCLUDE(D), INCLUDING
AP	ACCESS / ACOUSTIC PANEL	INS(UL)	INSULATED(D), INSULATION
ARCH	ARCHITECTURAL	INT	INTERIOR
AUTO	AUTOMATIC	JAN(T)	JANITOR
BATT	BATT INSULATION	JC	JANITOR'S CLOSET
BD	BOARD	JOINT	JOINT
BIT	BITUMINOUS	LAM	LAMINATE(D)
BLDG	BUILDING	LAV	LAVATORY
BM	BENCH MARK	LH	LEFT HAND
BO	BOTTOM OF	MAX	MAXIMUM
BOL	BOLLARD	MB	MACHINE BOLT
BOT	BOTTOM	MECH	MECHANICAL
BRN(IZ)	BRONZE	MEZ	MEZZANINE
CB	CATCH BASIN	MFR	MANUFACTURE(R)
CCTV	CLOSED CIRCUIT TV	MGR	MANAGER
CEM	CEMENT	MH	MANHOLE
CF	CUBIC FOOT	MIN	MINIMUM
CLG	CLEAR(ANCE)	MISC	MISCELLANEOUS
CL	CENTERLINE	MO	MASONRY OPENING
CJT	CONTROL JOINT	MOD	MODULAR
CL	CENTERLINE	MP	METAL PANEL
CLG	CLEAR(ANCE)	MRGB	MOISTURE RESISTANT GYPSUM WALL BOARD
CMU	CONCRETE MASONRY UNIT	MTL	METAL
COL	COLUMN	MULL	MULLION
CONC	CONCRETE	MWP	MEMBRANE WATERPROOFING
CONST	CONSTRUCTION	N	NORTH
CONT	CONTINUE, CONTINUOUS	NAT	NATURAL
CONTR	CONTRACT	NIC	NOT IN CONTRACT
COORD	COORDINATE	NOM	NOMINAL
CRS	COURSE	NTS	NOT TO SCALE
CS	COUNTERSINK	OA	OVERALL
CSMT	CASEMENT	OC	ON CENTER
CT	CERAMIC TILE	OD	OUTSIDE DIAMETER
CTR	CENTER	OPG	OPENING
CON	CONNECTION	OPP	OPPOSITE
CY	CUBIC YARD	OVD	OVERHEAD
DEM	DEMOLISH, DEMOLITION	P-LAM	PLASTIC LAMINATE
DEP	DEPRESSED	PAR	PARAPET
DF	DRINKING FOUNTAIN	PERF	PERFORATED(D)
DIA	DIAMETER	PJT	PANEL JOINT
DIAG	DIAGONAL	PLAT	PLATFORM
DIM	DIMENSION	PNL	PANEL
DISP	DISPENSER	PNT	PAINT
DIV	DIVISION	PP	PREPAINTED
DL	DEAD LOAD	PPF	POUNDS PER SQUARE FOOT
DMT	DEMOUNTABLE	PSI	POUNDS PER SQUARE INCH
DN	DOWN	PT	PRESSURE TREATED
DR	DOOR	PTD	PAPER TOWEL DISPENSER
DS	DOWNSPOUT	PTL	PARTIAL
DTL	DETAIL	PTN	PARTITION
DWG(S)	DRAWING(S)	PVC	POLYVINYL CHLORIDE
DWR	DRAWER	PWD	PLYWOOD
E	EAST	QT	QUARRY TILE
EA	EACH	RA	RETURN AIR
EB	EXPANSION BOLT	RAD	RADIUS
EJ	EXPANSION JOINT	RD	ROOF DRAIN
EL, ELEV	ELEVATION	REF	REFERENCE
ELEC	ELECTRIC(AL)	REINF	REINFORCE(D), REINFORCING
EMERG(IZ)	EMERGENCY	REQ	REQUIRED
ENCL	ENCLOSE(LURE)	REV	REVISION(S), REVISED
EOS	EDGE OF STUD	RH	RIGHT HAND
EP	ELECTRICAL PANEL BOARD	RM	ROOM
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	RND	ROUND
EQ	EQUAL	RO	ROUGH OPENING
EQUIP	EQUIPMENT	S	SOUTH
EST	ESTIMATE	SA	SUPPLY AIR
EX	EXISTING	SC	SOLID CORE
EXH	EXHAUST	SCHED	SCHEDULE
EXP	EXPOSED, EXPANSION	SEC	SECTION
EXT	EXTERIOR	SIM	SIMILAR
FA	FIRE ALARM	SL	SLEEVE
FAP	FLUID APPLIED FLOORING	SPEC	SPECIFICATION(S)
FD	FLOOR DRAIN, FIRE DAMPER	SQ	SQUARE
FE	FIRE EXTINGUISHER	SS	STAINLESS STEEL
FEC	FIRE EXTINGUISHER CABINET	STD	STANDARD
FF	FINISH FLOOR	STL	STEEL
FFE	FURNISHINGS FIXTURES AND EQUIPMENT	STRUCT	STRUCTURAL
FGL	FIBERGLASS	SUSP	SUSPENDED
FHC	FIRE HOSE CABINET	SV	SHEET VINYL
FHMS	FLATHEAD MACHINE SCREW	TB	TACKBOARD
FHWS	FLATHEAD WOOD SCREW	TEL	TELEPHONE
FIN	FINISH(ED)	TEMP	TEMPERED, TEMPERATURE
FL	FLOOR	TG, T&G	TONGUE AND GROOVE
FLASHG	FLASHING	TO	TOP OF
FLO	FLOOR CLEANOUT	TOC	TOP OF CURB, TOP OF CONCRETE
FLR	FLOOR(ING)	TOF	TOP OF FRAMING
FLUOR	FLUORESCENT	TOP	TOP OF PARAPET
FND	FOUNDATION	TOPL	TOP OF PLATE
FOC	FACE OF CONCRETE	TOR	TOP OF ROOF
FOP	FACE OF FINISH	TOS	TOP OF STEEL
FOS	FACE OF STEEL	TS	TUBE STEEL
FP	FIREPROOFING	TW	TOP OF WALL
FR	FRAME(D), FRAMING	TYP	TYPICAL
FS	FULL SIZE, FLAME SPREAD	UNO, UNO	UNLESS NOTED OTHERWISE
FT	FIRE TREATED	VB	VAPOR BARRIER
FTG	FOOTING	VCT	VINYL COMPOSITION TILE
GA	GAUGE	VERT	VERTICAL
GALV	GALVANIZED	VG	VERTICAL GRAIN
GB	GRAB BAR, GYPSUM BOARD	VIF	VERIFY IN FIELD
GI	GALVANIZED IRON	W	WEST
GL	GLASS, GLAZING	WI	WITH
GP	GALVANIZED PIPE	WIO	WITHOUT
GSS	GALVANIZED STEEL SHEET	WC	WATER CLOSET
GWB	GYPSUM WALL BOARD	WD	WOOD
GYP	GYPSUM	WP	WATERPROOF(ING)
GYP BD	GYPSUM BOARD	WS	WATERSTOP
HB	HOSE BIB	WWF	WELDED WIRE FABRIC
HBD	HARDBOARD	±	PLUS OR MINUS
HC	HOLLOW CORE	ø	DIAMETER
HD	HEAVY DUTY		

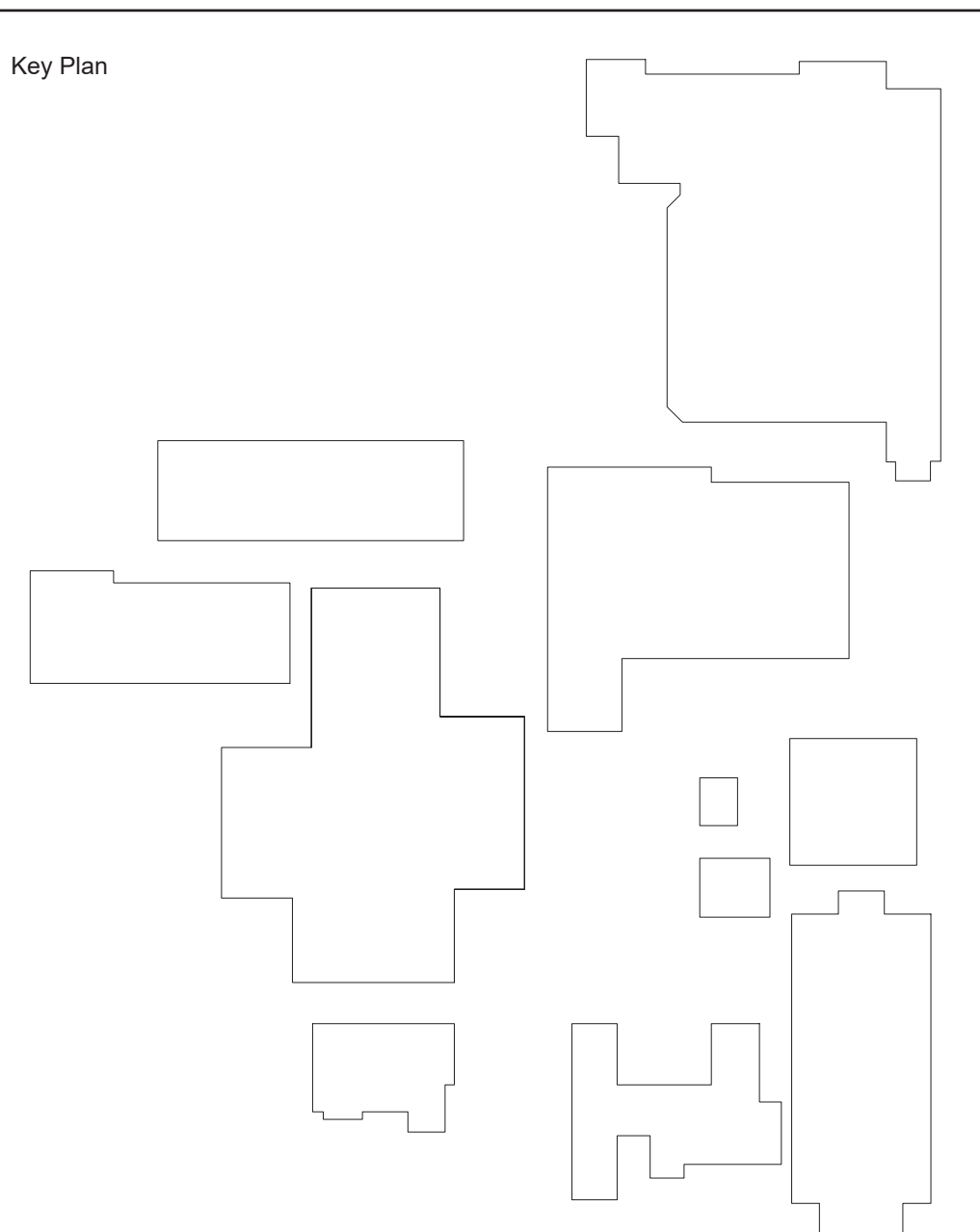
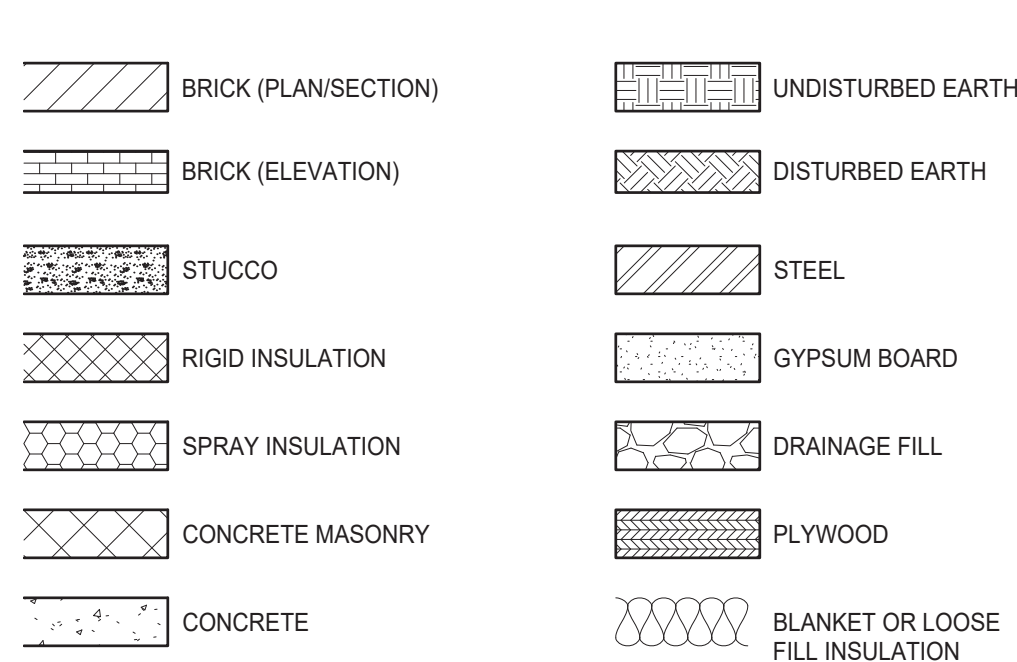
ABBREVIATIONS

HDR	HEADER
HDW	HARDWARE
HM	HOLLOW METAL
HOR(IZ)	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HWD	HARDWOOD
HW	HOT WATER HEATER
ID	INSIDE DIAMETER
INCL	INCLUDE(D), INCLUDING
INS(UL)	INSULATED(D), INSULATION
INT	INTERIOR
JAN(T)	JANITOR
JC	JANITOR'S CLOSET
JOINT	JOINT
LAM	LAMINATE(D)
LAV	LAVATORY
LH	LEFT HAND
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MEZ	MEZZANINE
MFR	MANUFACTURE(R)
MGR	MANAGER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODULAR
MP	METAL PANEL
MRGB	MOISTURE RESISTANT GYPSUM WALL BOARD
MTL	METAL
MULL	MULLION
MWP	MEMBRANE WATERPROOFING
N	NORTH
NAT	NATURAL
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPG	OPENING
OPP	OPPOSITE
OVD	OVERHEAD
P-LAM	PLASTIC LAMINATE
PAR	PARAPET
PERF	PERFORATED(D)
PJT	PANEL JOINT
PLAT	PLATFORM
PNL	PANEL
PNT	PAINT
PP	PREPAINTED
PPF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PTD	PAPER TOWEL DISPENSER
PTL	PARTIAL
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PWD	PLYWOOD
QT	QUARRY TILE
RA	RETURN AIR
RAD	RADIUS
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCE(D), REINFORCING
REQ	REQUIRED
REV	REVISION(S), REVISED
RH	RIGHT HAND
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
S	SOUTH
SA	SUPPLY AIR
SC	SOLID CORE
SCHED	SCHEDULE
SEC	SECTION
SIM	SIMILAR
SL	SLEEVE
SPEC	SPECIFICATION(S)
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
TB	TACKBOARD
TEL	TELEPHONE
TEMP	TEMPERED, TEMPERATURE
TG, T&G	TONGUE AND GROOVE
TO	TOP OF
TOC	TOP OF CURB, TOP OF CONCRETE
TOF	TOP OF FRAMING
TOP	TOP OF PARAPET
TOPL	TOP OF PLATE
TOR	TOP OF ROOF
TOS	TOP OF STEEL
TS	TUBE STEEL
TW	TOP OF WALL
TYP	TYPICAL
UNO, UNO	UNLESS NOTED OTHERWISE
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VG	VERTICAL GRAIN
VIF	VERIFY IN FIELD
W	WEST
WI	WITH
WIO	WITHOUT
WC	WATER CLOSET
WD	WOOD
WP	WATERPROOF(ING)
WS	WATERSTOP
WWF	WELDED WIRE FABRIC
±	PLUS OR MINUS
ø	DIAMETER

SYMBOLS LEGEND



MATERIALS LEGEND



Drawing Name: C:\Users\Tad\OneDrive - Powell Engineering and Consulting, LLC\Project\Current Projects\Ashland_AHS\Drawings\CADD\ADA only\ashland\AHS C1-C5.dwg Plot Date: April 15, 2022 3:18 PM Pld Date: April 15, 2022 4:01 PM By: TPowell

GENERAL NOTES

1. WORK AND MATERIALS SHALL CONFORM TO THE PROVISIONS OF THE CURRENT "STANDARD SPECIFICATIONS FOR CONSTRUCTION", ODOT/AMERICAN PUBLIC WORKS ASSOCIATION (APWA), UNLESS OTHERWISE COVERED BY THE SPECIFICATIONS WRITTEN FOR THIS PROJECT OR THE CITY SPECIFICATIONS.
2. ALL WORK PERTAINING TO THIS PROJECT SHALL BE SUBJECT TO INSPECTION BY THE PROJECT ENGINEER AND/OR CITY ENGINEER. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE CITY AND PROJECT ENGINEER TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE.
3. PRIOR TO ANY SITE DISTURBING ACTIVITY INCLUDING CLEARING, LOGGING OR GRADING, THE SITE BOUNDARIES & CLEARING LIMITS AS SHOWN ON THESE PLANS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR AND ALL ESC MEASURES SHALL BE INSTALLED AS IDENTIFIED ON THE EROSION & SEDIMENT CONTROL PLAN.
4. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
5. ALL SITE WORK IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS. ANY DEVIATION FROM THESE PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, ENGINEER AND APPROPRIATE PUBLIC AGENCIES PRIOR TO PERFORMING THE CHANGES IN THE FIELD.
6. ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND UTILITIES LOCATION SERVICE (DIAL 811) AT LEAST TWO BUSINESS DAYS PRIOR TO CONSTRUCTION. THE APPLICANT OR HIS REPRESENTATIVE AND THE ENGINEER SHALL BE CONTACTED IMMEDIATELY IF CONFLICTS EXIST.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT.
8. THE CONTRACTOR SHALL KEEP OFF-SITE STREETS CLEAN AT ALL TIMES BY SWEEPING. STREET WASHING WILL NOT BE ALLOWED WITHOUT PRIOR CITY APPROVAL.
9. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO INITIATING WORK. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER WHEN CONFLICTS OCCUR BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION. REVISIONS SHALL BE FORMALLY APPROVED BY THE APPLICANT AND PROJECT ENGINEER PRIOR TO MAKING CHANGES IN THE FIELD.
10. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ANY UTILITY RELOCATIONS WITH UTILITY COMPANIES.
11. ALL NEW UTILITIES SHALL BE INSTALLED UNDERGROUND.
12. CONTRACTOR SHALL DOCUMENT AND RECORD FIELD CHANGES, PIPE INVERT, PIPE SLOPE, AND ANY OTHER CRITICAL AS-CONSTRUCT DATA. AS-BUILT DRAWINGS AND FINAL REPORTS WILL BE REQUIRED BEFORE FINAL APPROVAL.
13. WORK IN CITY RIGHT-OF-WAY REQUIRES AN ENCROACHMENT PERMIT FROM THE LOCAL AUTHORITY.
14. WORK IN ANY STATE RIGHT-OF-WAY REQUIRES A MISCELLANEOUS PERMIT FROM OREGON DEPARTMENT OF TRANSPORTATION.
15. APPROVED PERMANENT TRAFFIC CONTROL SIGNS AND MARKINGS WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE INSTALLED PRIOR TO FINAL APPROVAL.
16. DURING PROJECT CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TEMPORARY CONSTRUCTION SIGNS, TRAFFIC CONTROL SIGNS, DELINEATORS AND TEMPORARY MARKINGS AS REQUIRED.
17. ACCESS BY EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
18. ALL CLEARED AND GRUBBED MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED AT AN APPROVED LOCATION.
19. ALL AREAS WITH ABANDONED UTILITY LINES, STORM DRAINS, UNDERGROUND TANKS, ETC. WHICH MAY PROVIDE VOID SPACE BENEATH THE SURFACE SHALL BE REMOVED. WHEN APPROVED BY THE ENGINEER THE VOID SPACE MAY BE FIELED WITH APPROVED MATERIAL. ALL TANKS OR HAZARDOUS MATERIALS SHALL BE DEALT WITH IN ACCORDANCE TO ALL LOCAL, STATE AND FEDERAL LAWS.
20. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY GRADES AT SAWCUT LOCATIONS AND MATCHING OF EXISTING GRADE LOCATIONS.
21. CONTRACTOR IS RESPONSIBLE FOR ANY ASPHALT GRINDING, OVERLAY AND SLURRY SEAL. ALL SPECIFICATIONS SHALL COMPLY WITH ALL LOCAL AUTHORITY REQUIREMENTS.
22. CONSTRUCTION SHALL CONFORM TO THE 2018 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION PUBLISHED BY THE OREGON CHAPTER OF APWA, AND THE CURRENT AMENDMENTS OF THE APPROVING AGENCY.
23. ALL CONCRETE SHALL BE 3300 PSI AT 28 DAYS UNLESS OTHERWISE SPECIFIED.
24. CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN AND/OR MAINTAIN EXISTING PUBLIC STREETS OF SOIL OR OTHER DEBRIS DEPOSITED BY CONSTRUCTION OPERATIONS AND REPAIR ALL STREETS DAMAGED BY CONSTRUCTION OPERATIONS IN A TIMELY MANNER TO AVOID INCONVENIENCES OR HAZARDS TO THE PUBLIC.
25. CONTRACTOR SHALL NOTIFY OREGON UTILITY NOTIFICATION CENTER AT 1-800-332-2344, AND THE CITY OF ASHLAND ENGINEERING DEPARTMENT 48 HOURS PRIOR TO BEGINNING WORK.
26. ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE PRE-QUALIFIED WITH THE CITY OF ASHLAND PRIOR TO ANY CONSTRUCTION OF THIS PROJECT.
27. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN AND SECURE APPROVAL OF THE PLAN FROM THE AGENCY AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING WORK.
28. THE CONTRACTOR SHALL NOT PERFORM WORK WITHOUT AGENCY INSPECTIONS WHERE INSPECTIONS ARE REQUIRED BY THE SPECIFICATIONS.
29. WHERE CONNECTING TO AN EXISTING PIPE, THE CONTRACTOR SHALL EXPOSE THE END OF THE EXISTING PIPE AND ALLOW THE ENGINEER TO VERIFY EXACT LOCATION AND ELEVATION BEFORE LAYING ANY NEW PIPE ON THAT SYSTEM.
30. REQUESTS BY THE CONTRACTOR FOR CHANGES TO THE PLANS MUST BE APPROVED BY THE CONSULTING ENGINEER AND THE AGENCY'S ENGINEER BEFORE CHANGES ARE IMPLEMENTED.
31. WHEN PERFORMING EXCAVATIONS, THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ORS 757.541 TO 757.571, WHICH INCLUDE REQUIREMENTS THAT THE CONTRACTOR HAND-EXPOSE (POTHOLE) UNDERGROUND FACILITIES AND USE REASONABLE CARE TO AVOID DAMAGING THEM.
32. PLACEMENT OR STORAGE OF SPOILS FROM THE SEWER LINE TRENCHES IS NOT PERMITTED ON HARD SURFACE STREETS WITHIN PUBLIC RIGHT-OF-WAY. SPOILS STORED IN OTHER RIGHT-OF-WAY AREAS SHALL BE COVERED TO PREVENT EROSION.
33. FORMS OF ADEQUATE SIZE AND CONFIGURATION TO MEET CONCRETE THICKNESS REQUIREMENTS SHALL BE USED AROUND OUTSIDES OF OUTSIDE-DROP MANHOLES.
34. GRANULAR MATERIALS SHALL BE OBTAINED FROM A SOURCE APPROVED BY THE CITY OF ASHLAND. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER OF THE MATERIAL.

GRADING NOTES

1. DEQ 1200-C PERMIT IS NOT REQUIRED.
2. UNLESS DIRECTED OTHERWISE, REMOVE CLEARED AND GRUBBED MATERIAL FROM THE SITE AND DISPOSE AT AN APPROVED LOCATION.
3. PRIOR TO THE START OF CONSTRUCTION, VERIFY GRADES AT SAWCUT LOCATIONS AND MATCHING OF EXISTING GRADE LOCATIONS.
4. MINIMIZE TRAFFIC ON SOIL AREAS DURING WET WEATHER. IF THE SITE SOILS ARE EXPOSED DURING WET WEATHER, THE USE OF CRUSHED ROCK PLACED AS ENGINEERED FILL IN THE BOTTOM OF THE EXCAVATIONS MAY BE NECESSARY TO PROTECT THE SUBGRADE. TAKE ALL PRECAUTIONS TO LIMIT SURFACE DISTURBANCE AND PROTECT THE SITE GRADING AREA FROM EROSION AND RUNOFF.
5. UNLESS OTHERWISE NOTED, THE SAMPLING AND TESTING OF MATERIALS FOR USE ON THE JOBSITE SHALL BE AT THE EXPENSE OF THE CONTRACTOR. ALL TESTING OF MATERIALS AND WORKMANSHIP SHALL BE PERFORMED BY A CERTIFIED TESTER. RESULTS OF THE TESTS SHALL BE SENT DIRECTLY TO THE PROJECT ENGINEER AS WELL AS THE CONTRACTOR, BY THE LABORATORY. LOCATION AND FREQUENCY OF TESTS SHALL BE DESIGNATED BY THE GENERAL CONTRACTOR.
6. ALL CUT AND FILL SLOPES SHALL BE MAXIMUM OF 2:1.

STRIPING NOTES

1. ALL STRIPING AND SIGNAGE SHALL BE PER MUTCD STANDARDS OR AS DIRECTED BY THE LOCAL AUTHORITY.
2. ALL STRIPING AND MARKINGS INSIDE PUBLIC RIGHT OF WAY SHALL BE PER LOCAL AUTHORITY STANDARDS.
3. ALL STRIPING SHALL MEET ADA REQUIREMENTS.

CONCRETE NOTES

1. PROVIDE A MINIMUM 8' TRANSITION SECTION WHEN JOINING CURBS OF DIFFERENT CROSS SECTIONS.
2. CONCRETE SHALL NOT BE PLACED UNTIL FORMS HAVE BEEN INSPECTED AND APPROVED.
3. CONCRETE SHALL BE COMMERCIAL GRADE RETAINING THE FOLLOWING CHARACTERISTICS: ENTRAINED AIR – 4.0% TO 7.0%; SLUMP – 5 INCHES OR LESS; COMPRESSIVE STRENGTH – MINIMUM 3,000 PSI AT 28 DAYS; TEMPERATURE – MINIMUM 50°F TO MAXIMUM 90°F.
4. ALL CONCRETE STRUCTURES REINFORCED WITH REBAR SHALL BE VIBRATED TO REMOVE VOIDS.
5. SURFACE SHALL HAVE A FINISHED TEXTURE THAT WILL NOT BE SLICK WHEN WET (MEDIUM BROOM FINISH). CURING COMPOUND MAY BE APPLIED IMMEDIATELY AFTER CONCRETE IS FINISHED. WHITE PIGMENT RECOMMENDED. CLEAR ACCEPTABLE.
6. AN EDGING TOOL SHALL BE USED ON ALL EDGES AND JOINTS.
7. PROVIDE CONTRACTION JOINTS AT 15' INTERVALS AND "DUMMY" TOOLED JOINTS AT 5' INTERVALS ON CURBS, SIDEWALKS AND APPROACHES. CONTRACTION JOINT GROOVES SHALL BE AT MINIMUM, 1 1/2" DEEP OR ONE-THIRD THE THICKNESS OF THE CONCRETE.
8. PROVIDE EXPANSION JOINTS OPPOSITE ABUTTING EXPANSION JOINTS IN ABUTTING CONCRETE, AT EACH POINT OF TANGENCY IN THE STRUCTURE ALIGNMENT, BETWEEN DRIVEWAYS AND CONCRETE PAVEMENT, AROUND POLES, POSTS, BOXES AND OTHER FIXTURES WHICH PROTRUDE THROUGH OR AGAINST THE STRUCTURES, AT ALL BCR'S AND ECR'S, AT MAXIMUM OF 100' INTERVALS. EXPANSION JOINT MATERIAL SHALL BE OF THE BITUMINOUS, PREFORMED FILLER TYPE NOT LESS THAN 1/2" WIDE, PLACED FLUSH OR NO MORE THAN 1/8" BELOW THE CONCRETE SURFACE.
9. STRAIGHT LINE EDGES SHALL NOT VARY MORE THAN 1/2" UNDER A TWELVE-FOOT STRAIGHT EDGE.
10. CURE AND PROTECT CONCRETE AFTER PLACING AND FINISHING. KEEP STRUCTURES FREE FROM CONTACT, STRAIN AND PUBLIC TRAFFIC FOR AT LEAST SEVEN DAYS OR LONGER AS DIRECTED. MIXES TO EXPEDITE CURING MAY BE USED WITH APPROVAL OF CITY ENGINEER.
11. CONCRETE SHALL BE REMOVED TO THE NEAREST CONTRACTION JOINT, COLD JOINT OR CRACK WITHIN 4' OF THE REPLACEMENT AREA. CONCRETE SHALL BE SAW CUT WITH A SMOOTH, UNIFORM JOINT PROVIDED.
12. EXISTING A/C SHALL BE REMOVED/REPLACED ALONG ENTIRE CURB SECTION TO A MINIMUM 18" WIDTH UNLESS APPROVED BY ENGINEER OF RECORD.

APPLICABLE CODES

ALL WORK SHALL BE IN CONFORMANCE WITH ALL FEDERAL, STATE, AND SOCIAL CODES, SPECIFICATIONS AND STANDARDS SHALL MEAN, AND ARE INTENDED TO BE, THE LATEST EDITION, AMENDMENT OR REVISION OF SUCH REFERENCE STANDARD IN EFFECT AS OF THE DATE OF THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

OREGON STANDARD DRAWINGS (ODOT)

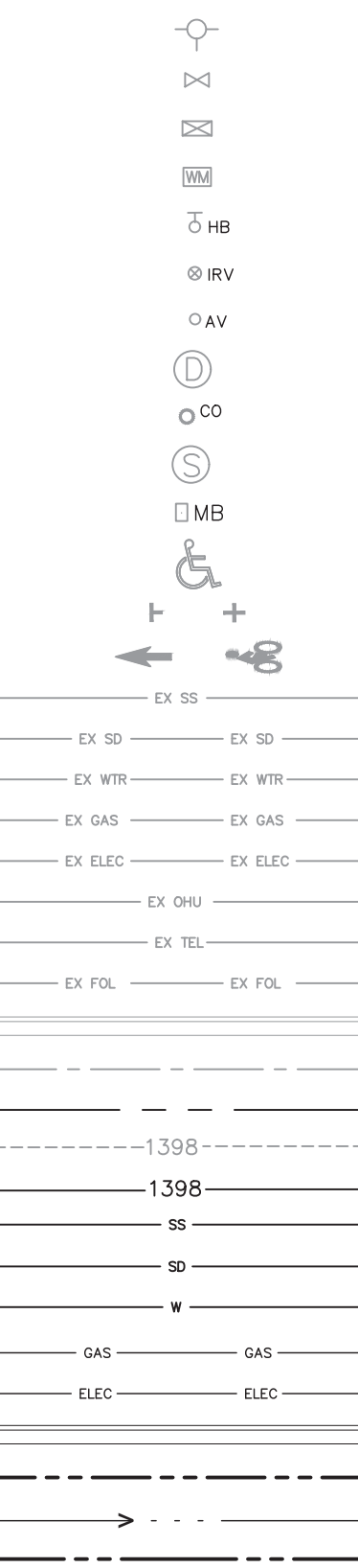
CITY OF ASHLAND (COA) ADOPTED STANDARD DETAILS AND SPECIFICATIONS

OPSC: OREGON PLUMBING SPECIALTY CODE, LATEST EDITION

OFI: OREGON FIRE CODE, LATEST EDITION

NFPA: NATIONAL FIRE PROTECTION ASSOCIATION 101 LIFE SAFETY CODE, LATEST EDITION

LEGEND:



EXIST. FIRE HYDRANT
EXIST. WATER VALVE
EXIST. BLOW OFF
EXIST. WATER METER
EXIST. HOSE BIB
EXIST. IRRIGATION VALVE
EXIST. AIR RELEASE VALVE
EXIST. STORM DRAIN MANHOLE
EXIST. CLEANOUT
EXIST. SANITARY SEWER MANHOLE
EXIST. MAILBOX
HANDICAP PARKING SYMBOL
PARALLEL PARKING STRIPING
BICYCLE LANE SYMBOL
EXIST. SANITARY SEWER
EXIST. STORM DRAIN
EXIST. WATER
EXIST. GAS
EXIST. ELECTRIC
EXIST. OVERHEAD POWER
EXIST. TELEPHONE
EXIST. FIBER OPTIC
EXIST. CURB AND GUTTER
EXIST. CENTERLINE
EXIST. RIGHT OF WAY
EXIST. CONTOUR
PROPOSED CONTOUR
SANITARY SEWER
STORM DRAIN
WATER
GAS
ELECTRIC
CURB AND GUTTER
PROPOSED RIGHT OF WAY
FLOW LINE
PROPERTY LINE

FIRE HYDRANT
WATER VALVE
WATER METER
BACKFLOW DEVICE
IRRIGATION WATER METER
AIR RELEASE VALVE
BLOWOFF DEVICE ASSEMBLY
FIRE DEPARTMENT CONNECTION
END PLUG
TEE
SANITARY SEWER CLEANOUT
CONCENTRIC MANHOLE
STORM DRAIN CLEANOUT
CONTROL STRUCTURE MANHOLE
ATRIUM DRAIN / BUBBLER
AREA DRAIN
CATCH BASIN INLET
CURB INLET
LIGHTS
SIGN (TRAFFIC, INFORMATION)
BOLLARD
CONCRETE
HMAC PAVING
NEW RIP RAP

ADA NOTES

1. ALL ADA ACCESSIBLE FACILITIES SHALL BE INSTALLED PER THE CURRENT ADA REQUIREMENTS AND SHALL COMPLY WITH 405 ANSI ICC A117.1.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE ACCESSIBLE PATH OF TRAVEL AND ACCESSIBLE PARKING STALLS AND ACCESS AISLES COMPLIES WITH AMERICAN DISABILITIES ACT AND ALL LOCAL CODES.
3. THE ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLANS IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" BEVELED AT 1:2 MAX SLOPE, OR VERTICAL CHANGES NOT EXCEEDING 1/4" MAX AND AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE NOTED.
4. ALL ADA PARKING STALLS AND ACCESS AISLES SHALL BE CONSTRUCTED WITH A SLOPE NOT TO EXCEED 1.5% IN ANY DIRECTION. PARKING STALLS AND ACCESS AISLES WITH AS-BUILT SLOPES EXCEEDING 2.0% IN ANY DIRECTION WILL NOT PASS FINAL INSPECTION. NOTIFY ENGINEER PRIOR TO PLACEMENT OF CURBS AND ASPHALT IF DISCREPANCIES EXIST BETWEEN GRADING PLANS AND ADA GUIDELINES.

ABBREVIATIONS:

AC ASPHALT
APWA AMERICAN PUBLIC WORKS ASSOCIATION
ASTM AMERICAN STANDARD TEST METHOD
AWWA AMERICAN WATER WORKS ASSOCIATION
BC BACK OF CURB
BR BOTTOM OF RAMP
BS BOTTOM OF STAIRS
BW BOTTOM OF WALL
CMP CORRUGATED METAL PIPE
CO CLEANOUT RISER
C CONCRETE
DEQ DEPARTMENT OF ENVIRONMENTAL QUALITY
DIP DUCTILE IRON PIPE
DWG DRAWING
(E) EXISTING
EG EXISTING GRADE
EOC EDGE OF CONCRETE
EOP EDGE OF PAVEMENT
FF FINISHED FLOOR
FG FINISHED GRADE
FL FLOW LINE
G GAS
GB GRADE BREAK
GC GENERAL CONTRACTOR
GRD GROUND
GRVL GRAVEL
HDPE HIGH-DENSITY POLYETHYLENE
HP HIGH POINT
IE INVERT ELEVATION
LP LOW POINT
MAX MAXIMUM
ME MATCH EXISTING
MIN MINIMUM
MUTCD MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
(N) NEW
NAVD NORTH AMERICAN VERTICAL DATUM
ODOT OREGON DEPARTMENT OF TRANSPORTATION
P PROPOSED
PERF PERFORATED PIPE
PLY PLAYGROUND SURFACE
PVC POLYVINYL CHLORIDE
PVR PAVER
RCP REINFORCED CONCRETE PIPE
RE RIM ELEVATION
REQD REQUIRED
ROW RIGHT-OF-WAY
SD STORM DRAIN
SDMH STORM DRAIN MANHOLE
SS SANITARY SEWER
SSMH SANITARY SEWER MANHOLE
STD STANDARD
SW SIDEWALK
TBR TO BE REMOVED
TC TOP OF CURB
TR TOP OF RAMP
TS TOP OF STAIRS
TOW TOP OF WALL
TYP TYPICAL
UPC UNIFORM PLUMBING CODE
W WATER

CIVIL DRAWING INDEX

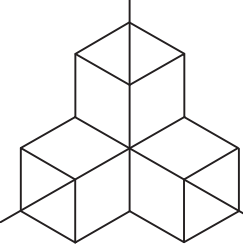
C1.0 CIVIL GENERAL NOTES
C1.1 EXISTING CONDITIONS
C1.2 SITE DEMOLITION PLAN
C2.1 EROSION CONTROL PLAN
C3.0 OVERALL CIVIL SITE PLAN
C3.1 PARTIAL CIVIL SITE PLAN (W)
C3.2 PARTIAL CIVIL SITE PLAN (E)
C4.1 PARTIAL GRADING AND DRAINAGE PLAN (W)
C4.2 PARTIAL GRADING AND DRAINAGE PLAN (E)
C6.0 PROJECT DETAILS



Know what's below.
Call before you dig.

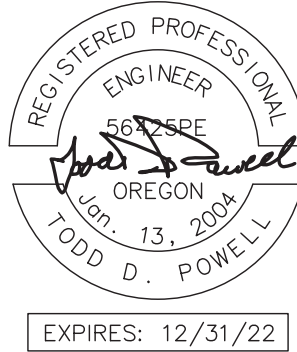
OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OUR 855-001-0010 THROUGH OUR 855-001-0080. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 1-800-522-2404. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION.

arkitek:
design and
architecture, llc



426 a street
ashland, or 97520
tel: 541.591.9988

Stamp



Ashland School District
Ashland High School Modernization
Project
201 S Mountain Ave, Ashland, OR 97520



Project

Consultant



STRONG RELATIONSHIPS • INFINITE POSSIBILITIES
Mailing Address
221 N. Central Ave., PMB 221
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No. Description Date

Date 04/15/2022

Job No. 19-031

Drawn By TDP

Checked By TDP

BID SET

Date

04/15/2022

Project Number

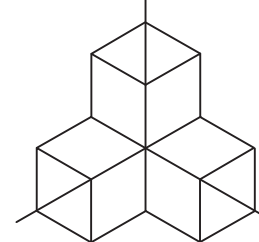
19-031

Drawing Title

CIVIL GENERAL
NOTES

Sheet No

C1.0



Stamp

Ashland School District
Ashland High School Modernization
Project
201 S Mountain Ave, Ashland, OR 97520



Project

Consultant



221 N. Central Ave., PMB 221
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No.	Description	Date
-----	-------------	------

Date	04/15/2022
------	------------

Job No.	19-031
---------	--------

Drawn By	TDP
----------	-----

Checked By	TDP
------------	-----

BID SET

Date

04/15/2022

Project Number

19-031

Drawing Title

EXISTING
CONDITIONS

Sheet No

C1.1

Topographic Survey - Overall

Located at:
Ashland High School,
201 South Mountain Avenue
Section 9, Township 39 South, Range 1 East, Willamette Meridian,
City of Ashland, Jackson County, Oregon

SURVEY BY:
Pariani Land Surveying
P.O. Box 551
Shady Cove, Oregon 97539

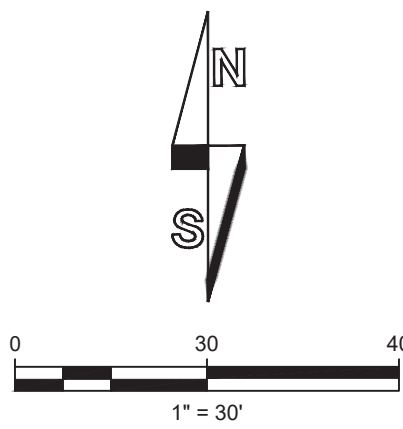
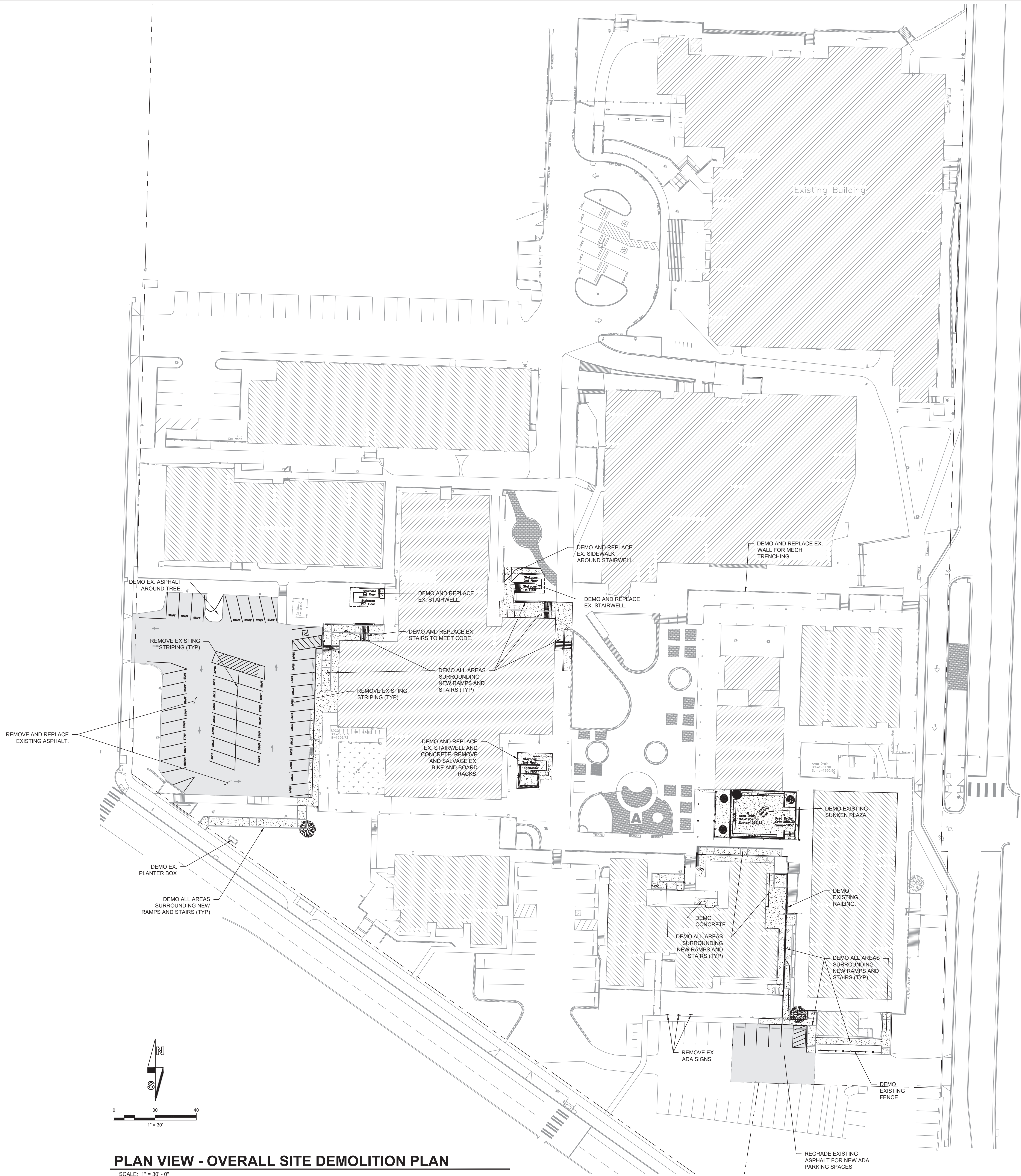
SURVEY FOR:
Ashland School District
855 Siskiyou Boulevard
Ashland, OR 97520

BENCHMARK:
NAVD88 via RTK GPS Observations

NOTES:

- Underground Utilities shown hereon are from field locate markings by other per utility locate ticket number 20214515.
- Initial field work completed August 14, 2020 and supplemented on September 28, 2020.
- Additional underground utilities were identified and tied in in February/March/April/May 2021.
- Construction site plans from Marquess and Associates, dated 1968 and 1986 were used, in conjunction with private utility locate company markings and input from school district maintenance staff to aid in determining the existing underground utility locations. It was pointed out by the staff that a project was performed around 2008 that updated many of the underground utilities. However, for the 2008 project, we were told that there were no construction plans or record of what was modified.
- The utilities shown hereon are a compilation of the best available evidence for the utility locations. There is no guarantee as to the accuracy of the utilities shown and any excavation should be performed with extra caution to avoid damage to existing utilities.

391E 09da Tax Lot 100



PLAN VIEW - OVERALL SITE DEMOLITION PLAN
SCALE: 1" = 30' - 0"

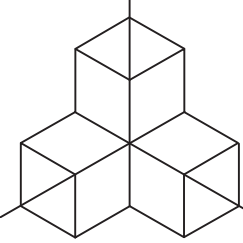
GENERAL NOTES

1. SEE LANDSCAPE FOR TREE REMOVAL AND PROTECTION PLAN.

DEMO KEY

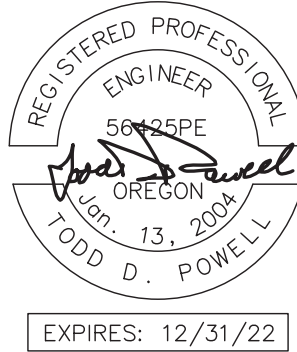
- 1) BOLD ELEMENTS TO BE DEMOLISHED AND HAULLED OFF TO AN APPROVED DISPOSAL GROUND. COORDINATE ABANDONMENT OF UNDERGROUND UTILITIES WITH THE APPROPRIATE AGENCY PRIOR TO DEMOLITION.

arkitek:
design and
architecture, llc



426 a street
ashland, or 97520
tel: 541.591.9988

Stamp



Ashland School District
Ashland High School Modernization
Project

201 S Mountain Ave, Ashland, OR 97520



Project

Consultant



POWELL
engineering +
consulting

221 N. Central Ave., PMB 221
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No.	Description	Date
-----	-------------	------

Date	04/15/2022
------	------------

Job No.	19-031
---------	--------

Drawn By	TDP
----------	-----

Checked By	TDP
------------	-----

BID SET

Date

04/15/2022

Project Number

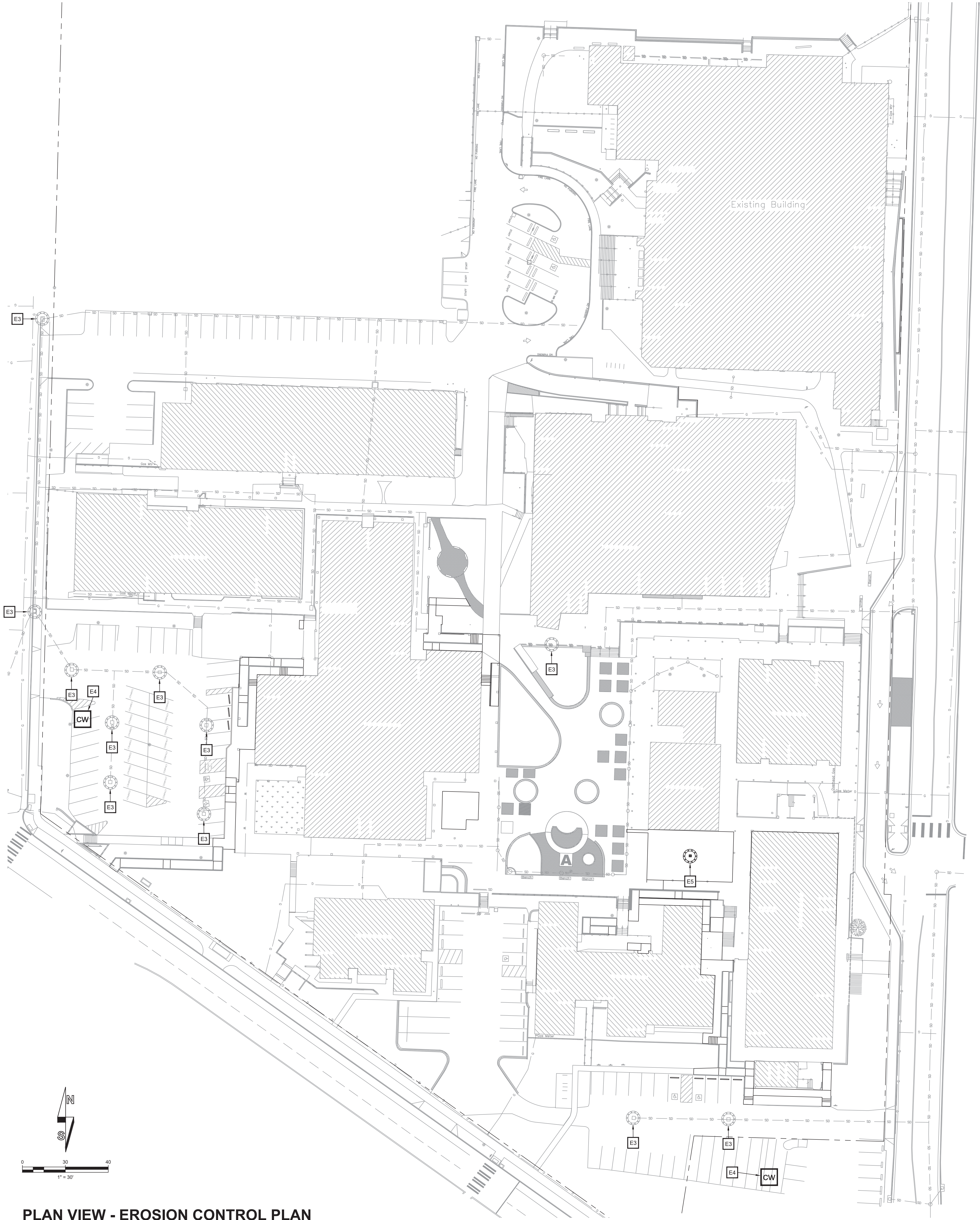
19-031

Drawing Title

OVERALL SITE
DEMOLITION PLAN

Sheet No.

C1.2



PLAN VIEW - EROSION CONTROL PLAN
SCALE: 1" = 30' - 0"

GENERAL NOTES

1. SEE LANDSCAPE FOR TREE PROTECTION PLAN.

ESCP LEGEND

- E3 INSTALL INLET PROTECTION ON EXISTING CATCH BASINS PER ODOT DETAIL RD1010.
- E4 INSTALL CONCRETE WASH.
- E5 INSTALL INLET PROTECTION ON NEW CATCH BASINS PER ODOT DETAIL RD1010.
- CW

WET WEATHER CONSTRUCTION

THE SITE SOILS ARE CONSIDERED VERY MOISTURE SENSITIVE AND, AS SUCH, ARE SUSCEPTIBLE TO DISTURBANCE BY CONSTRUCTION EQUIPMENT, PARTICULARLY DURING PERIODS OF WET WEATHER. DURING WET WEATHER, THE CONTRACTOR SHALL MINIMIZE TRAFFIC ON PREPARED SOIL SUBGRADE AREAS. IF THE SITE SOILS ARE EXPOSED DURING WET WEATHER, THE USE OF CRUSHED ROCK PLACED AS ENGINEERED FILL IN THE BOTTOM OF THE EXCAVATIONS MAY BE NECESSARY TO PROTECT THE SUBGRADE. THE GRADING CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO LIMIT SURFACE DISTURBANCE AND PROTECT THE SITE GRADING AREA FROM EXCESSIVE RUNOFF EROSION.

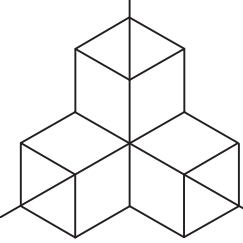
ESCP RESPONSIBILITY

IT IS THE INTENT OF THIS TEMPORARY EROSION AND SEDIMENT CONTROL PLAN THAT STORM WATER RUNOFF BE CONTROLLED AT ALL TIMES TO PREVENT SOIL EROSION AND TO MAINTAIN WATER QUALITY. ANY AND ALL MEASURES NECESSARY TO DO SO SHALL BE EMPLOYED BY THE CONTRACTOR.

- REGARDLESS OF SITE, WEATHER, SOIL OR OTHER CONDITIONS, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ENSURING THAT EROSION DOES NOT OCCUR ON THE SITE AND THAT POLLUTED OR SILT-LOADED RUNOFF DOES NOT LEAVE THE SITE OR ENTER INTO ANY CREEK, STREAM, WETLAND OR WATER BODY ON THE SITE.
- BEYOND THE MINIMUM REQUIREMENTS SHOWN ON THIS PLAN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING AND IMPLEMENTING APPROPRIATE METHODS, "BEST MANAGEMENT PRACTICES" (BMPs), FOR STORM WATER TREATMENT AND CONTROL THAT MEET THE REQUIREMENTS OF THE STATE AND LOCAL JURISDICTION.
- THE CONTRACTOR SHALL REPORT ALL WATER QUALITY CONCERNS AND ACTIVITIES TO THE PROJECT ENGINEER. IN THE EVENT THAT THE INSTALLED WATER QUALITY CONTROL MEASURES ARE INEFFECTIVE AT CONTROLLING EROSION AND SEDIMENT, THE CONTRACTOR SHALL IMMEDIATELY REPORT TO AND CONSULT WITH THE PROJECT ENGINEER TO FIND AN APPROPRIATE REMEDY. ALL CONSTRUCTION ACTIVITIES, WITH THE EXCEPTION OF EROSION AND SEDIMENT CONTROL MEASURES, SHALL CEASE UNTIL SUCH TIME AS THE WATER QUALITY IS BROUGHT UNDER CONTROL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING WEATHER FORECASTS AND ANTICIPATING STORM ACTIVITY AND SHALL SCHEDULE ALL PROJECT ACTIVITIES IN ANTICIPATION OF THE WEATHER.
- ALL SUPPLIES AND MATERIALS NECESSARY FOR IMPLEMENTING BMPs SHALL BE STORED ON SITE AND SHALL BE IMMEDIATELY AVAILABLE FOR USE. SUCH SUPPLIES AND MATERIALS SHALL INCLUDE, BUT NOT BE LIMITED TO, STRAW BALES OR OTHER MULCHING MATERIAL, SILT FENCING AND STAKES, FILTER FABRIC, ETC.
- DURING AND AFTER RUNOFF PRODUCING STORM EVENTS, CONTRACTOR SHALL MONITOR ALL EROSION CONTROL MEASURES AND SHALL PRIORITIZE IMPLEMENTATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES ABOVE ALL OTHERS.

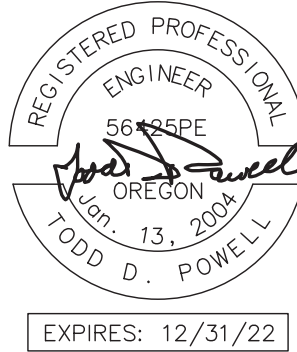
NOTE: IMPLEMENT EROSION CONTROL MEASURES PER EROSION AND SEDIMENT CONTROL PLANS PRIOR TO VEGETATION BEING DISTURBED. CONTACT CITY OF ASHLAND ENGINEERING AT FOR EROSION CONTROL INSPECTION PRIOR TO THE START OF GRADING OR EXCAVATION.

arkitek:
design and
architecture, llc



426 a street
ashland, or 97520
tel: 541.591.9988

Stamp



Ashland School District
Ashland High School Modernization
Project
201 S Mountain Ave, Ashland, OR 97520



Project

Consultant

POWELL
engineering +
consulting

221 N. Central Ave., PMB 221
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No.	Description	Date
-----	-------------	------

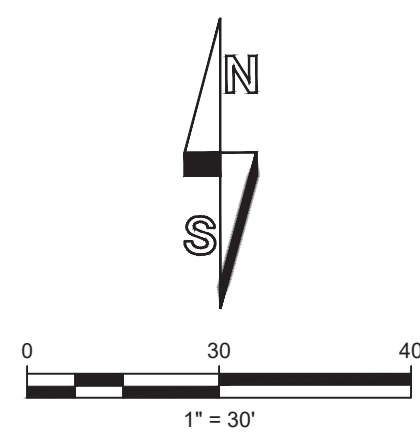
Date	04/15/2022
Job No.	19-031
Drawn By	TDP
Checked By	TDP

BID SET

Date	04/15/2022
Project Number	19-031
Drawing Title	EROSION CONTROL PLAN

Sheet No.

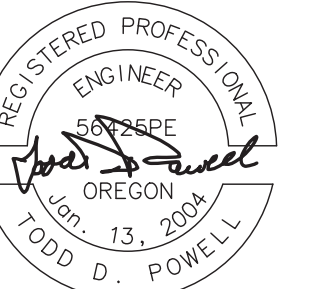
C2.1



SCALE: 1" = 30' - 0"

1. SEE LANDSCAPE FOR TREE REMOVAL PLAN.
2. SEE LANDSCAPE FOR PLANTING AND IRRIGATION PLAN.
3. SEE C4.1 AND C4.2 FOR GRADING AND RAMP DIMENSIONS.

stamp



XPIRES: 12/31/22

201 S Mountain Ave, Ashland, OR 97520



Project

Consultant



POWELL
engineering +
consulting

Mailing Address:
21 N. Central Ave., PMB
Medford, OR 97501

541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No.	Description	Date
-----	-------------	------

Date 04/15/2022

Job No. 19-031

Drawn By _____ TDP

Checked By _____ TDP

BID SET

ate

04/15/2022

Project Number

19-031

Drawing Title

OVERALL CIVIL SITE PLAN

Sheet No

C3.0

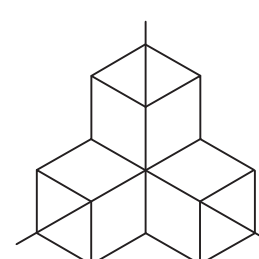
GENERAL NOTES

1. SEE ARCHITECTURAL DRAWINGS FOR HANDRAILS, RAILINGS, GATES, AND FENCES.
2. SEE LANDSCAPE FOR TREE REMOVAL PLAN.
3. SEE LANDSCAPE FOR PLANTING AND IRRIGATION PLAN.
4. SEE C4.1 AND C4.2 FOR GRADING AND RAMP DIMENSIONS.
5. SEE C5.0 FOR FIRE LINES AND UTILITIES.
6. ALL SIGN POSTS SHALL BE TELESAR (2", 12 GAUGE).

KEYNOTES

- 301 STANDARD VERTICAL CURB. (301 C6.0)
- 311 4" CONCRETE SIDEWALK OVER 4" CRB. (311 C6.0)
- 313 CONCRETE STAIRS (313 C6.0)
- 314 CONCRETE ADA RAMP (314 C6.0)
- 315 PARALLEL CURB RAMP. (315 C6.2)
- 322 REMOVE EXISTING ASPHALT AND REPLACE WITH 3" OF NEW ASPHALT. ASSESS EXISTING CRUSHED ROCK BASE AND REPLACE/ADD AS RECOMMENDED BY GEOTECHNICAL ENGINEER. SEE C4.1 FOR GRADES. ADJUST EX. CB RIMS AS NECESSARY. (322 C6.0)
- 330 6" CONCRETE WALL (330 C6.0)
- 331 8" CONCRETE WALL (331 C6.0)
- 332 CMU BLOCK RETAINING WALL (REPLACE EX.) (332 C6.0)
- 372 ADA PARKING SIGN (380 C6.0) V=VAN
- 373 ADA ACCESS AISLE SIGN (380 C6.0)
- 375 PAINTED ONE-WAY ARROW PER TM-501 SA (375 C6.1)
- 380 ADA VAN ACCESS AISLE STRIPING (381 C6.0)
- 382 ADA PARKING SYMBOL (382 C6.0)
- 383 4" WHITE STRIPING PER MUTCD STANDARDS
- 384 4" WHITE CROSS HATCH STRIPING
- 385 "COMPACT" WHITE LETTERING
- 386 "10 MIN LOADING ONLY" WHITE LETTERING WITH STRIPING
- 391 WHEEL STOP (391 C6.0)

arkitek:
design and
architecture, llc



426 a street
ashland, or 97520
tel: 541.591.9988

Stamp



EXPIRES: 12/31/22

Ashland School District
**Ashland High School Modernization
Project**

201 S Mountain Ave, Ashland, OR 97520



Project

Consultant

POWELL
engineering + consulting

STRONG RELATIONSHIPS • INFINITE POSSIBILITIES

Mailing Address
221 N. Central Ave., PMB 221
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No.	Description	Date

Date 04/15/2022

Job No. 19-031

Drawn By TDP

Checked By TDP

BID SET

Date

04/15/2022

Project Number

19-031

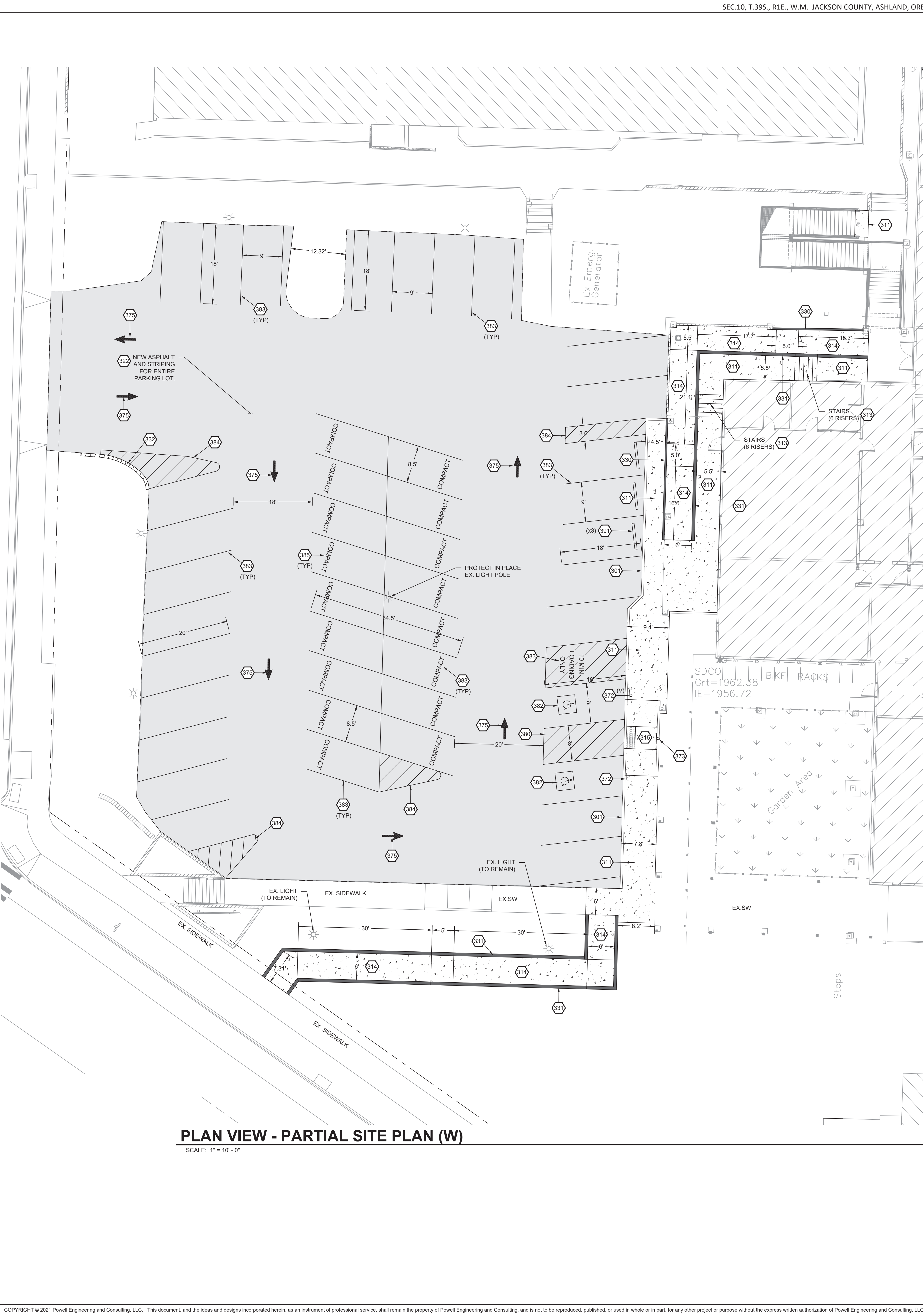
Drawing Title

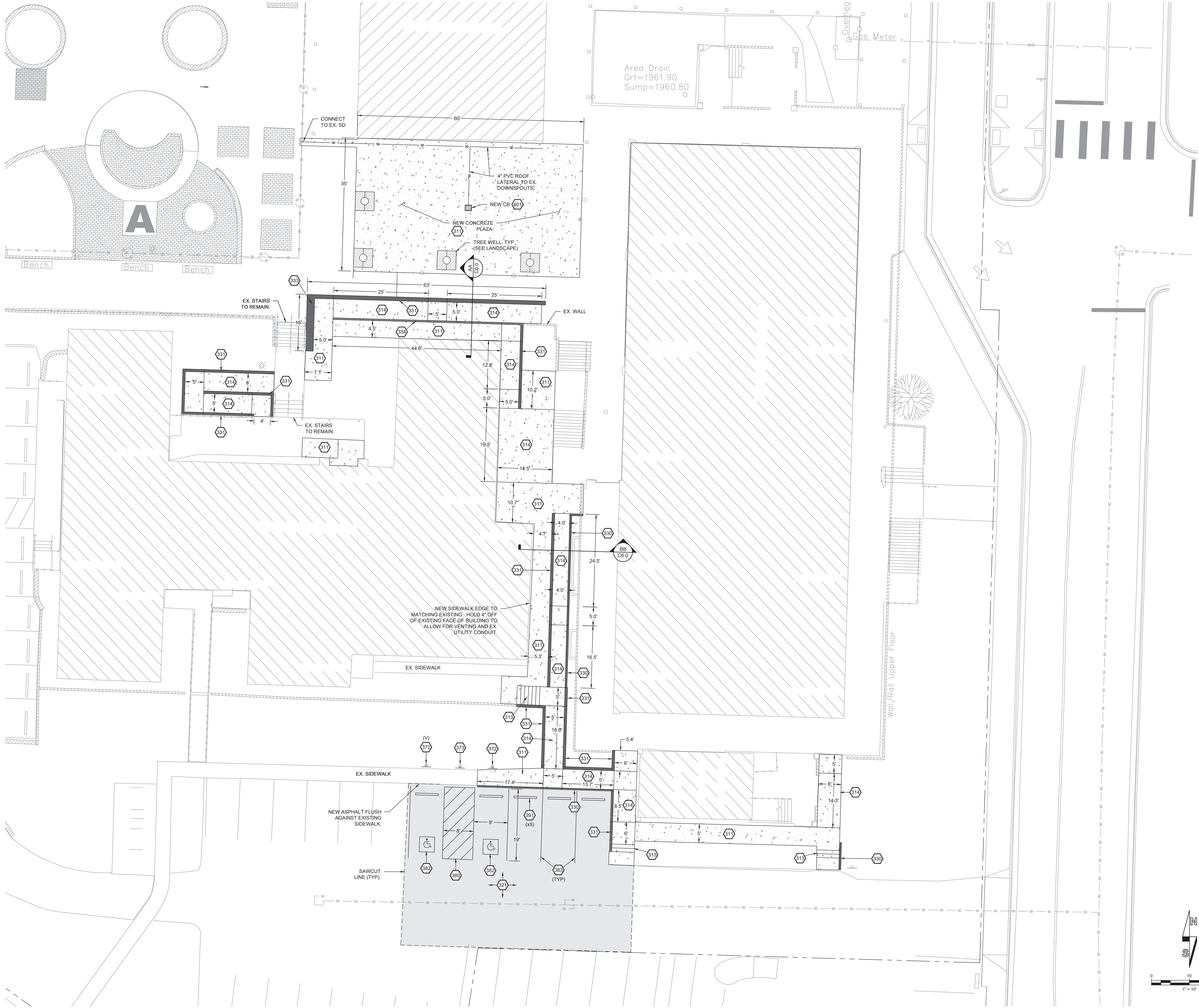
**PARTIAL SITE
PLAN (W)**

Sheet No.

C3.1**PLAN VIEW - PARTIAL SITE PLAN (W)**

SCALE: 1" = 10' - 0"





GENERAL NOTES

1. SEE ARCHITECTURAL DRAWINGS FOR HANDRAILS, RAILINGS, GATES, AND FENCES.
2. SEE LANDSCAPE FOR TREE REMOVAL PLAN.
3. SEE LANDSCAPE FOR PLANTING AND IRRIGATION PLAN.
4. SEE C4.1 AND C4.2 FOR GRADING AND RAMP DIMENSIONS.
5. SEE C5.0 FOR FIRE LINES AND UTILITIES.
6. ALL SIGN POSTS SHALL BE TELES PAR (2", 12 GAUGE).
7. PRIOR TO PLACEMENT OF MECH. CONCRETE PADS, CONTRACTOR TO CONFIRM PAD SIZES WITH AWARDED MANUFACTURER.

KEYNOTES

- 301 STANDARD VERTICAL CURB.
- 311 4" CONCRETE SIDEWALK OVER 4" CRB.
- 312 6" CONCRETE MECH. PAD OVER 6" CRB. WITH #4 BAR @ 12" O.C. E.W.
- 313 CONCRETE STAIRS.
- 314 CONCRETE ADA RAMP.
- 315 PARALLEL CURB RAMP.
- 321 REMOVE EXISTING ASPHALT AND REPLACE WITH 4" OF NEW ASPHALT. ASSESS EXISTING CRUSHED ROCK BASE AND REPLACE/ADD AS RECOMMENDED BY GEOTECHNICAL ENGINEER. SEE C4.1 FOR GRADES. ADJUST EX. CB RIMS AS NECESSARY.
- 330 6" CONCRETE WALL.
- 331 8" CONCRETE WALL.
- 333 24" CONCRETE WALL.
- 334 RAISE EXISTING WALL HEIGHT.
- 372 ADA PARKING SIGN V=VAN.
- 373 ADA ACCESS AISLE SIGN.
- 380 ADA VAN ACCESS AISLE STRIPING.
- 382 ADA PARKING SYMBOL.
- 383 4" WHITE STRIPING PER MUTCD STANDARDS.
- 391 WHEEL STOP.
- 401 LYNCH STYLE CATCH BASIN.

arkitek:
design and
architecture, llc

426 a street
ashland, or 97520
tel: 541.591.9988

Stamp



Ashland School District
Ashland High School Modernization
Project
201 S Mountain Ave, Ashland, OR 97520



Consultant

POWELL
engineering +
consulting
221 N. Central Ave., PMB 221
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No. Description Date

Date 04/15/2022
Job No. 19-031
Drawn By TDP
Checked By TDP

BID SET

Date 04/15/2022
Project Number 19-031

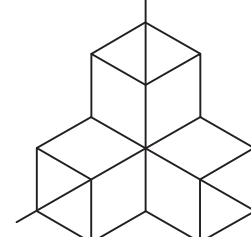
Drawing Title
PARTIAL SITE
PLAN (E)

Sheet No.

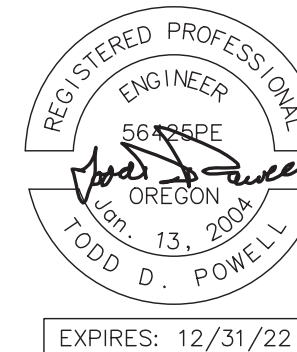
C3.2

GENERAL NOTES

1. SEE ARCHITECTURAL DRAWINGS FOR HANDRAILS, RAILINGS, GATES, AND FENCES.

arkitek:
design and
architecture, llc426 a street
ashland, or 97520
tel: 541.591.9988

Stamp

Ashland School District
**Ashland High School Modernization
Project**

201 S Mountain Ave, Ashland, OR 97520



Project

Consultant

**POWELL**
engineering +
consulting221 N. Central Ave., PMB 221
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No. Description Date

Date 04/15/2022

Job No. 19-031

Drawn By TDP

Checked By TDP

BID SET

Date

04/15/2022

Project Number

19-031

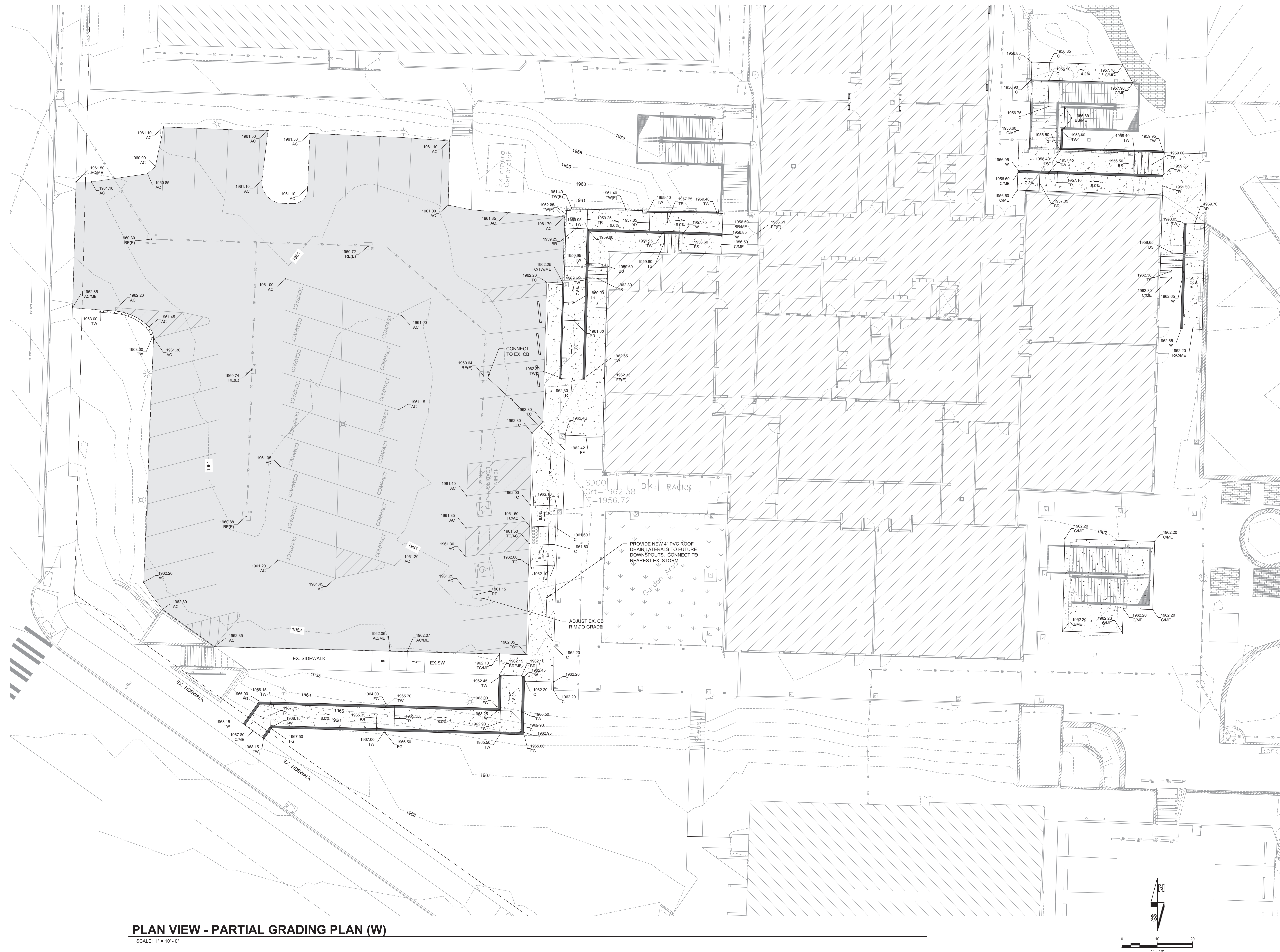
Drawing Title

**PARTIAL GRADING
PLAN (W)**

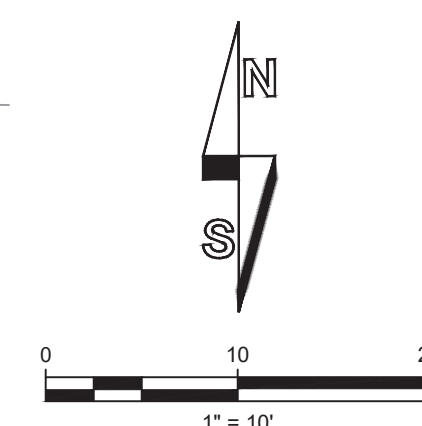
Sheet No.

C4.1

Drawing Name: C:\Users\Tad\OneDrive - Powell Engineering and Consulting, LLC\Project\Current Projects\Ashland High School Modernization\Drawings\CADD\ADA only\ashland\AHS C1-C5.dwg Plot Date: April 15, 2022 3:48 PM By: TPowell

**PLAN VIEW - PARTIAL GRADING PLAN (W)**

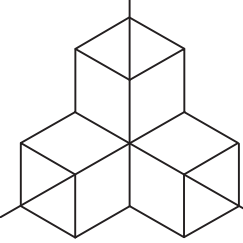
SCALE: 1" = 10' - 0"



GENERAL NOTES

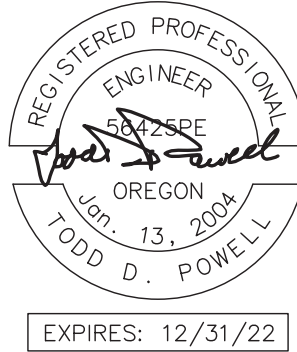
1. SEE ARCHITECTURAL DRAWINGS FOR HANDRAILS, RAILINGS, GATES, AND FENCES.

arkitek:
design and
architecture, llc



426 a street
ashland, or 97520
tel: 541.591.9988

Stamp

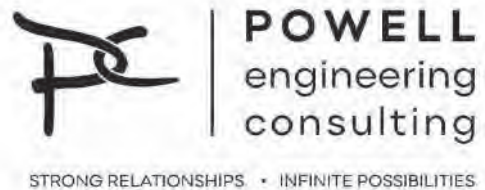


Ashland School District
**Ashland High School Modernization
Project**
201 S Mountain Ave, Ashland, OR 97520



Project

Consultant



221 N. Central Ave., PMB 221
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No. Description Date

Date 04/15/2022

Job No. 19-031

Drawn By TDP

Checked By TDP

BID SET

Date

04/15/2022

Project Number

19-031

Drawing Title

**PARTIAL GRADING
PLAN (E)**

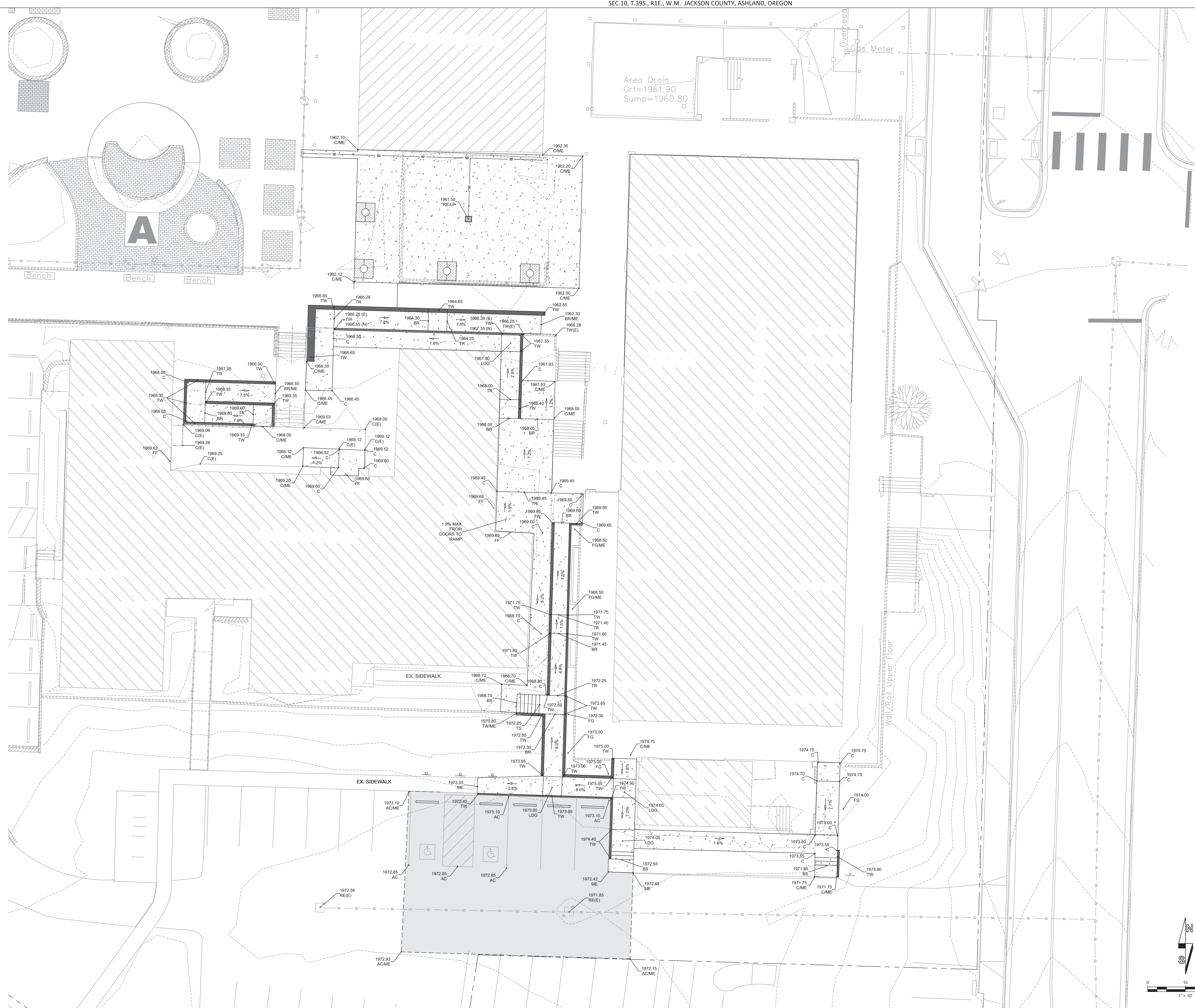
Sheet No

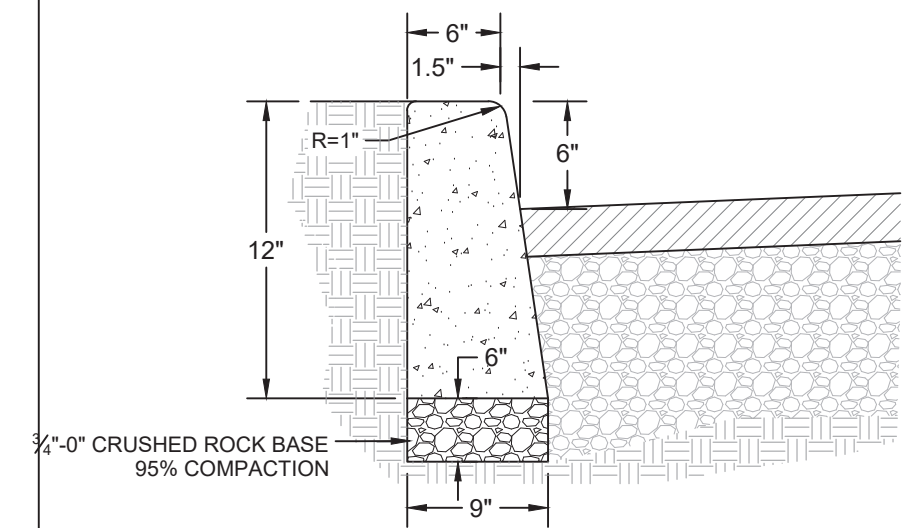
C4.2

PLAN VIEW - PARTIAL GRADING PLAN (E)

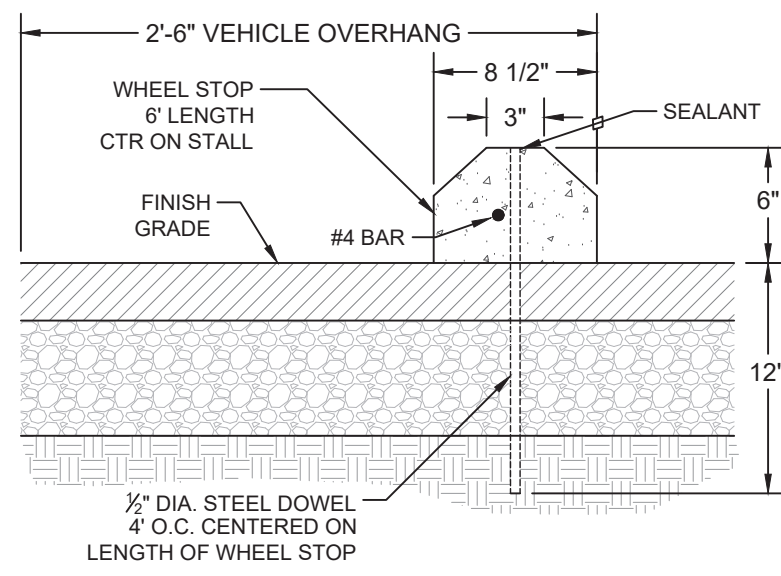
SCALE: 1" = 10' - 0"

Drawing Name: C:\Users\Tdp\OneDrive - Powell Engineering and Consulting, LLC\Project\Current Projects\Ashland High School Modernization\Drawings\CADD\ADA only packages\AHS C1-C5.dwg Last Save: April 15, 2022 11:09:44 AM Plot Date: April 15, 2022 3:11 PM By: TDP/VELL

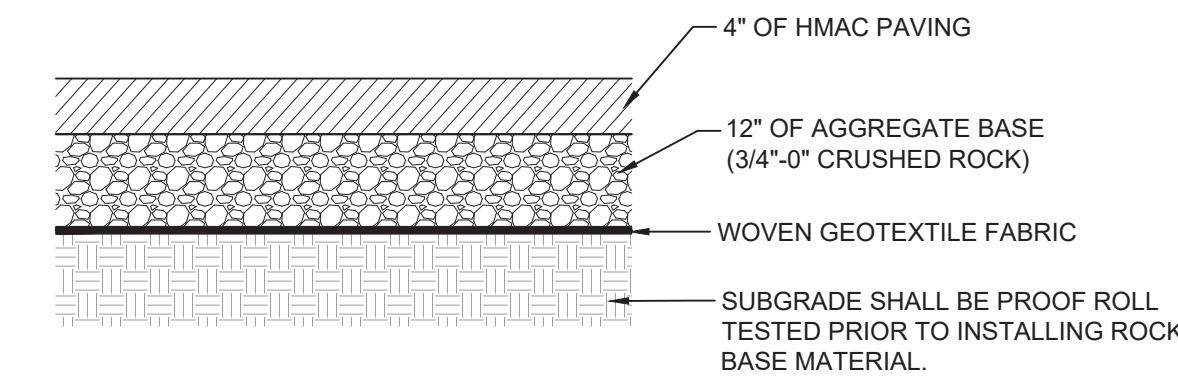




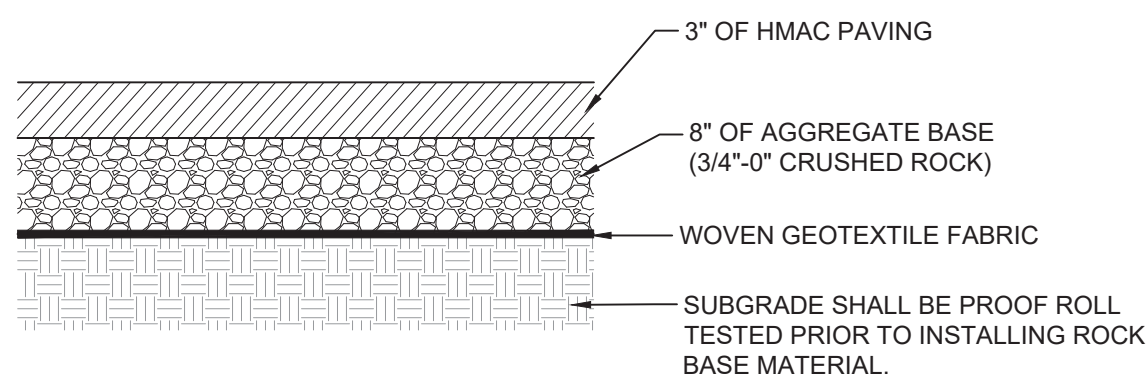
301 VERTICAL CURB
SCALE: NTS



391 WHEEL STOP
SCALE: NTS

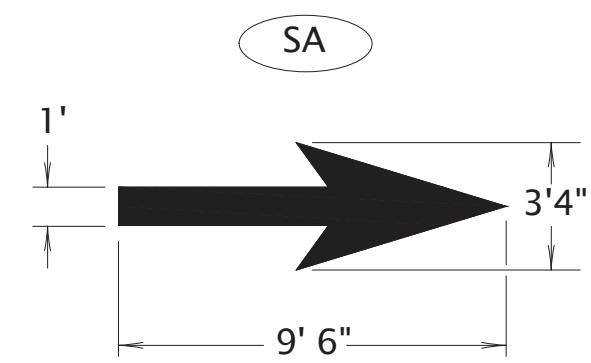


321 AC SECTION - MEDIUM
SCALE: NTS

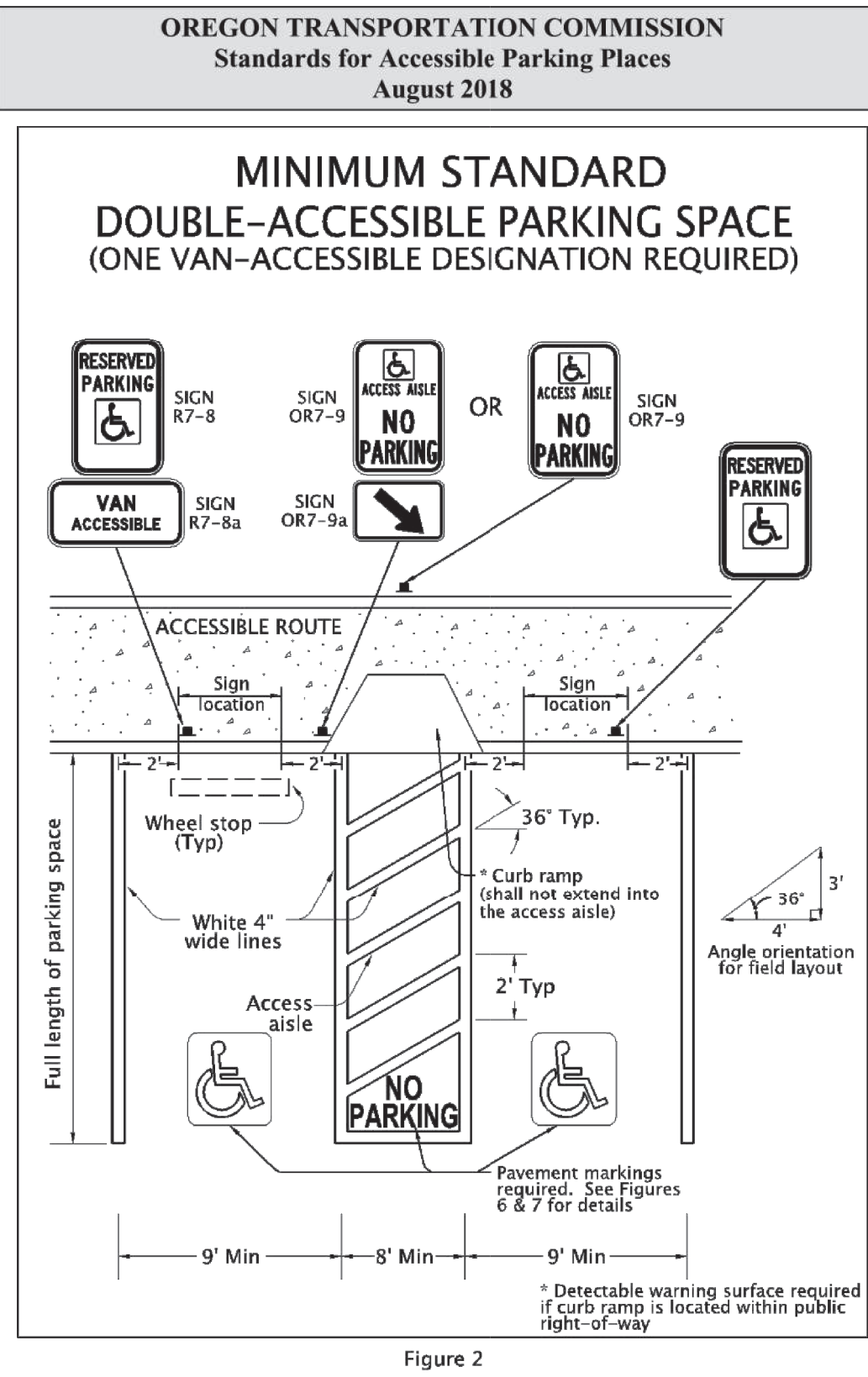


322 AC SECTION - LIGHT
SCALE: NTS

NOTES
1. SEE GEOTECH REPORT, DATED JUNE 15, 2020 BY GRI FOR FURTHER PAVEMENT DESIGN CRITERIA AND SPECIFICATIONS.



375 STRAIGHT ARROW
SCALE: NTS



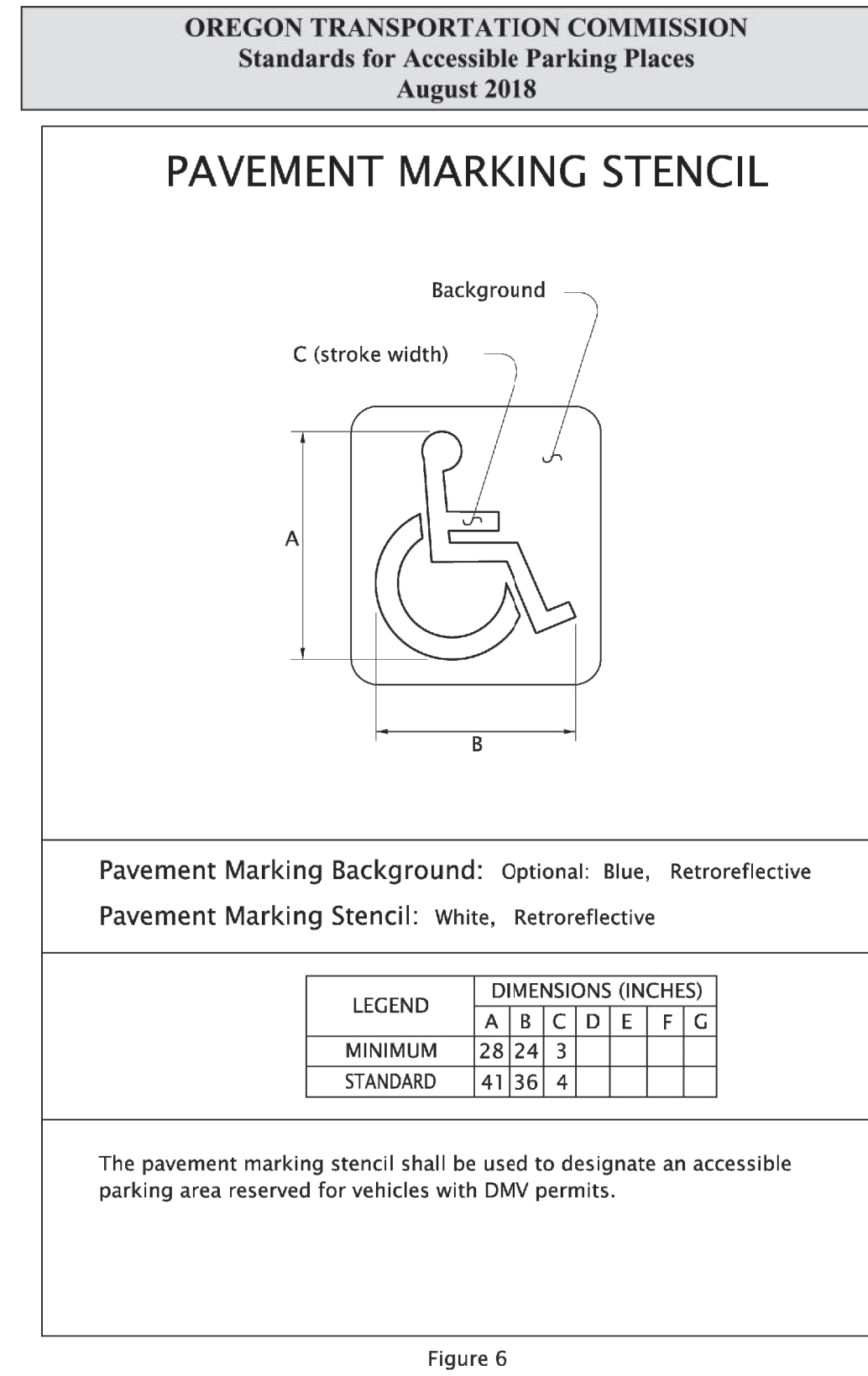
380 ADA PARKING STALL DETAIL
SCALE: 380

NOTES:
1) STANDARD DETAIL ABOVE IS NOT AN EXACT DEPICTION OF PROPOSED SITE CONDITIONS.
2) WHEEL CHAIR USER ONLY STALL SHALL BE TO THE LEFT OF PROPOSED 8' ACCESS AISLE.
4) SEE C3 AND C4 FOR CURB RAMP LOCATIONS AND GRADING.



381 ADA STRIPING DETAIL
SCALE: NTS

The "No Parking" pavement marking is used to designate an access aisle reserved for persons use parking with a DMV permit. This marking shall be required for all access aisles next to accessible parking spaces. Engineering judgement should be used for placement location to give best visual location to prevent illegal use of access aisle. Yellow may be used instead of white to increase contrast between access aisle white lines and the "No Parking" legend.

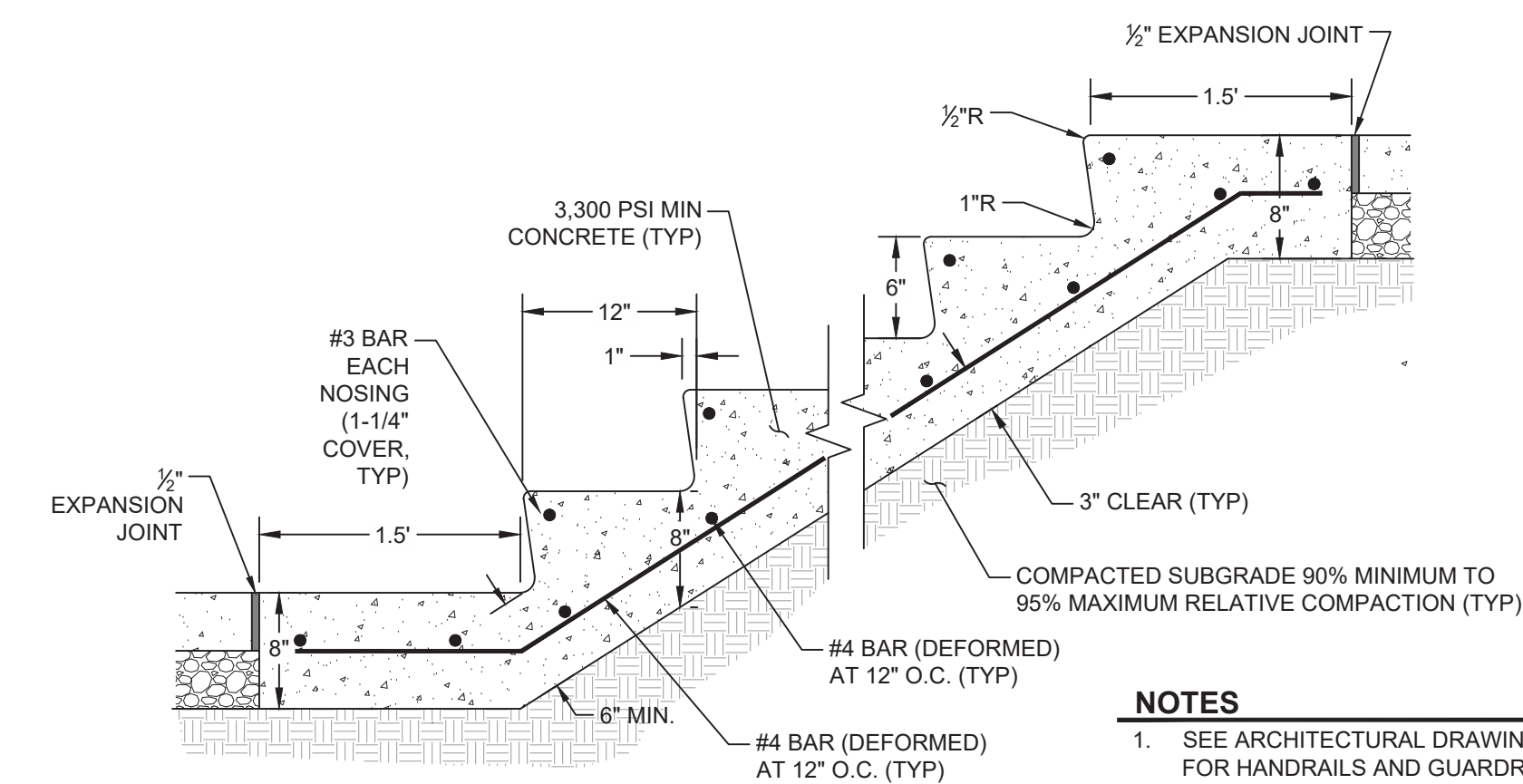


382 ACCESSIBLE SYMBOL DETAIL
SCALE: NTS

Pavement Marking Background: Optional: Blue, Retroreflective
Pavement Marking Stencil: White, Retroreflective

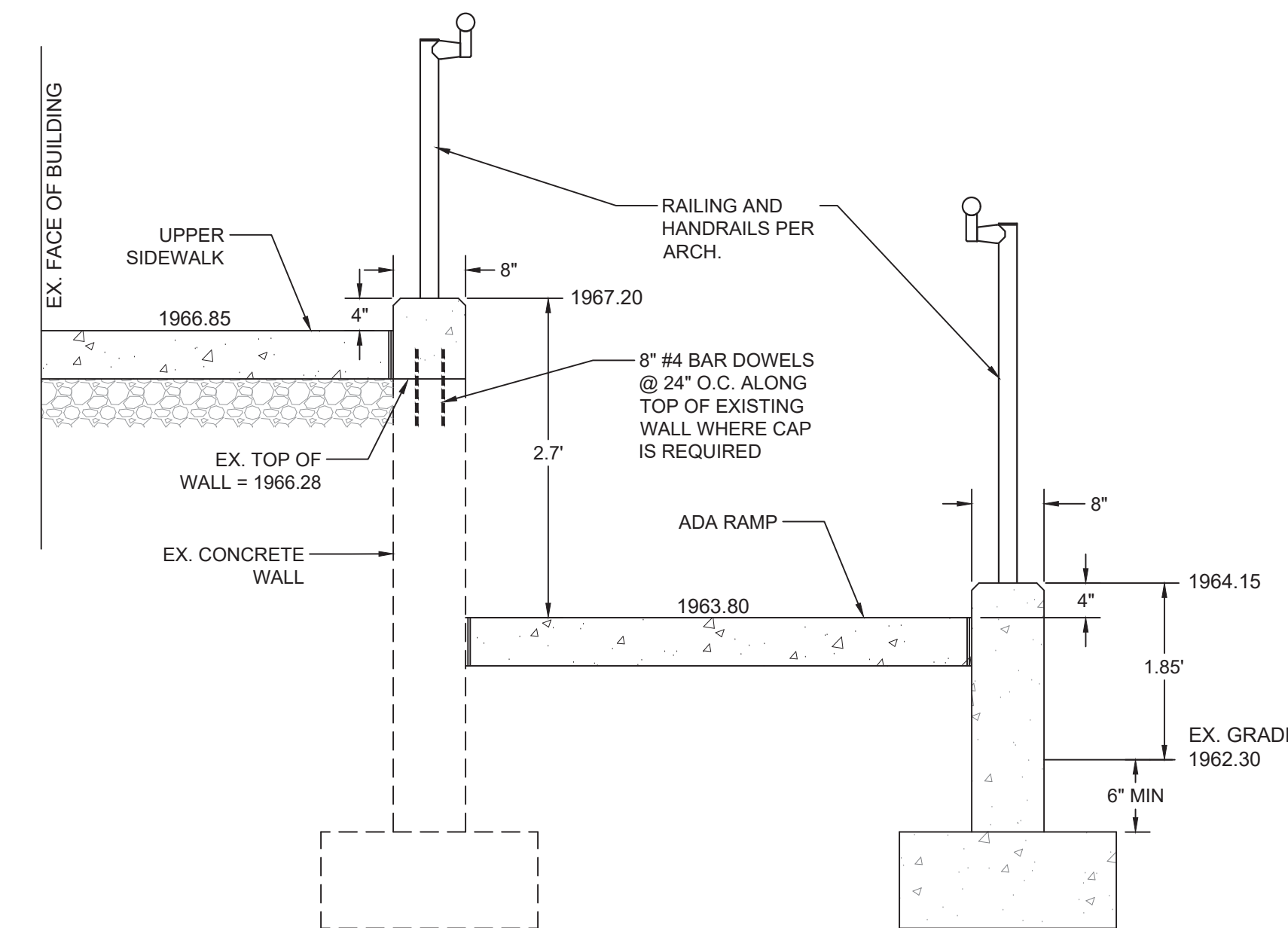
LEGEND	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MINIMUM	28	24	3				
STANDARD	41	36	4				

The pavement marking stencil shall be used to designate an accessible parking area reserved for vehicles with DMV permits.

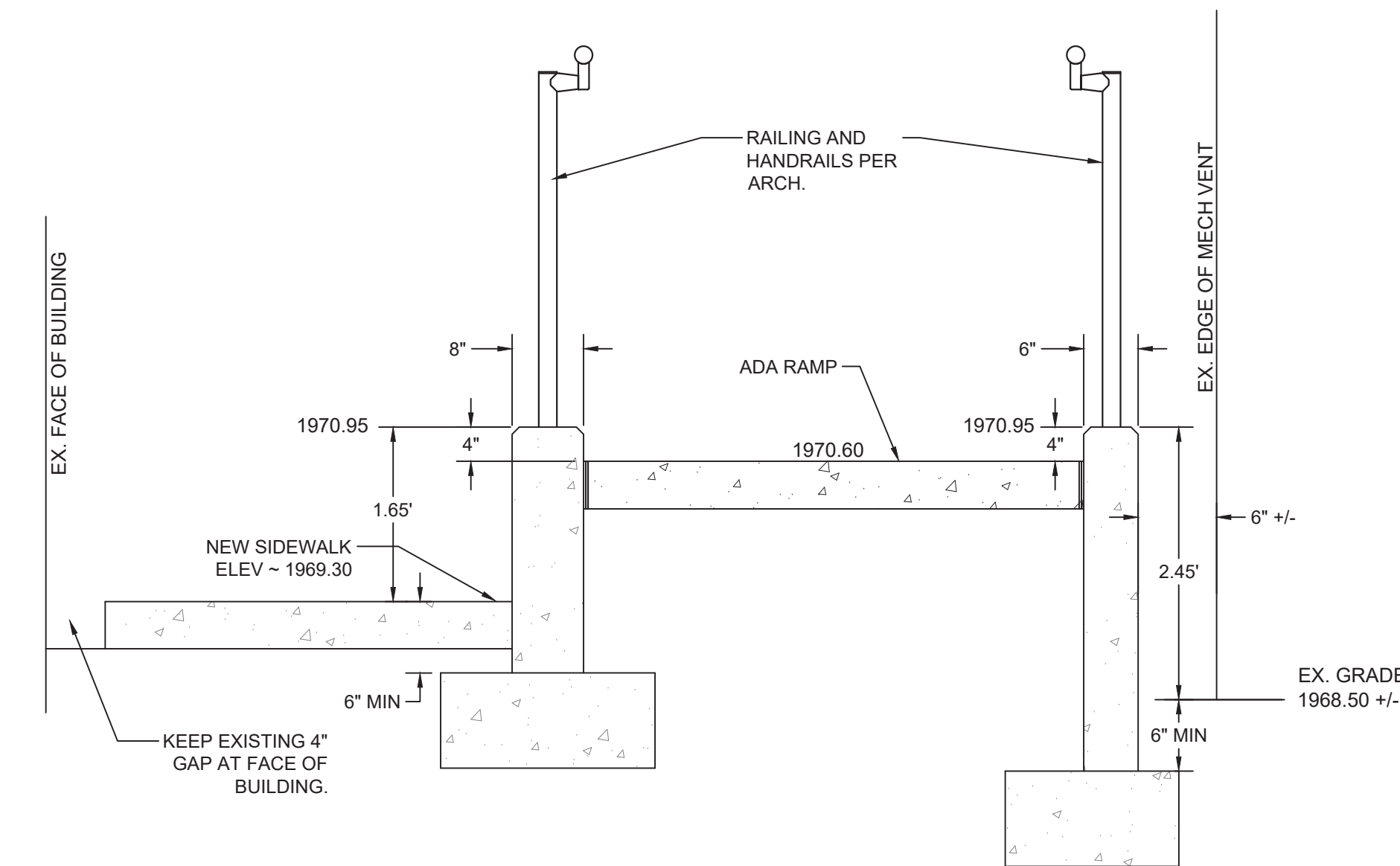


313 CONCRETE STAIRS
SCALE: NTS

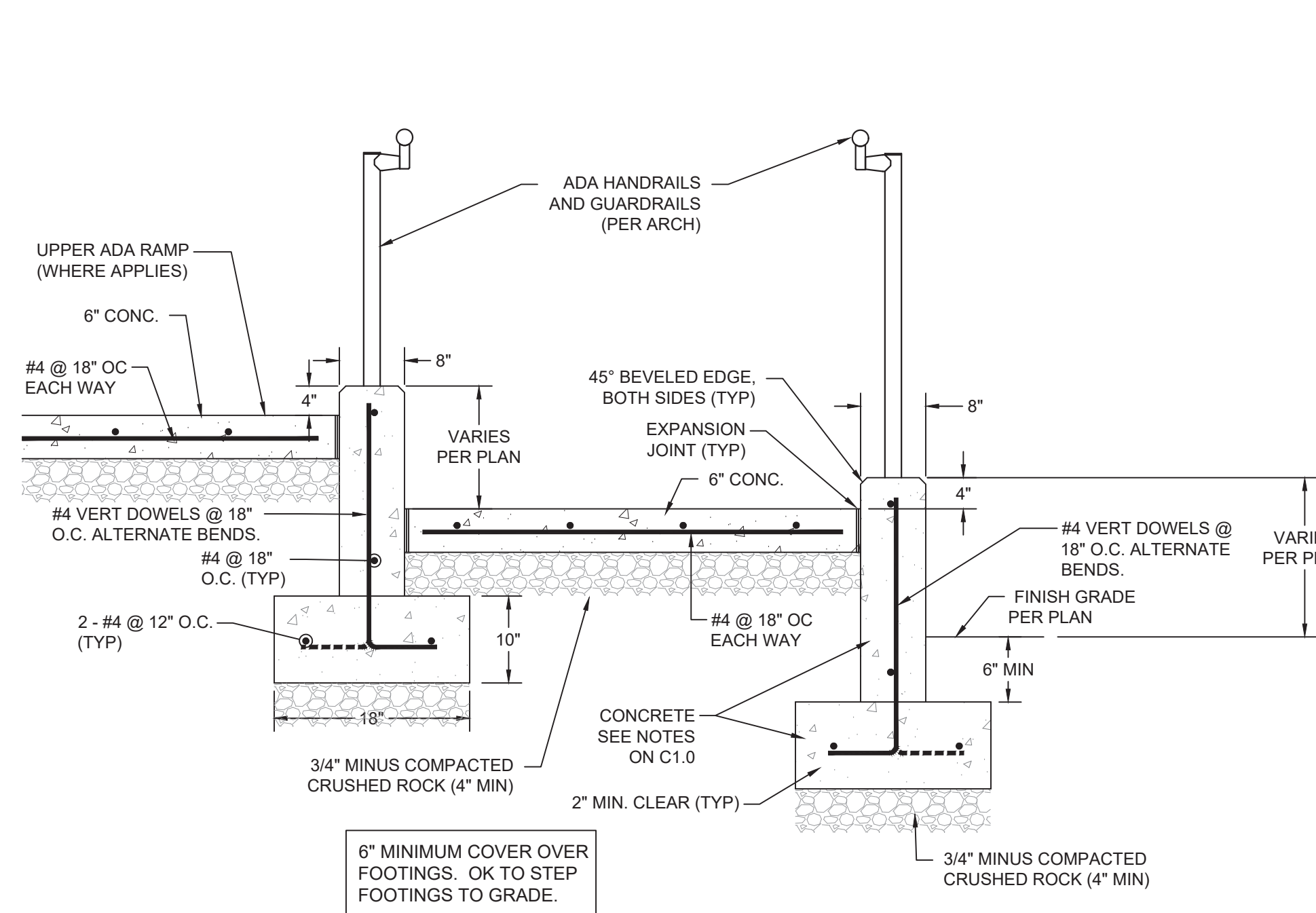
NOTES
1. SEE ARCHITECTURAL DRAWINGS FOR HANDRAILS AND GUARDRAILS



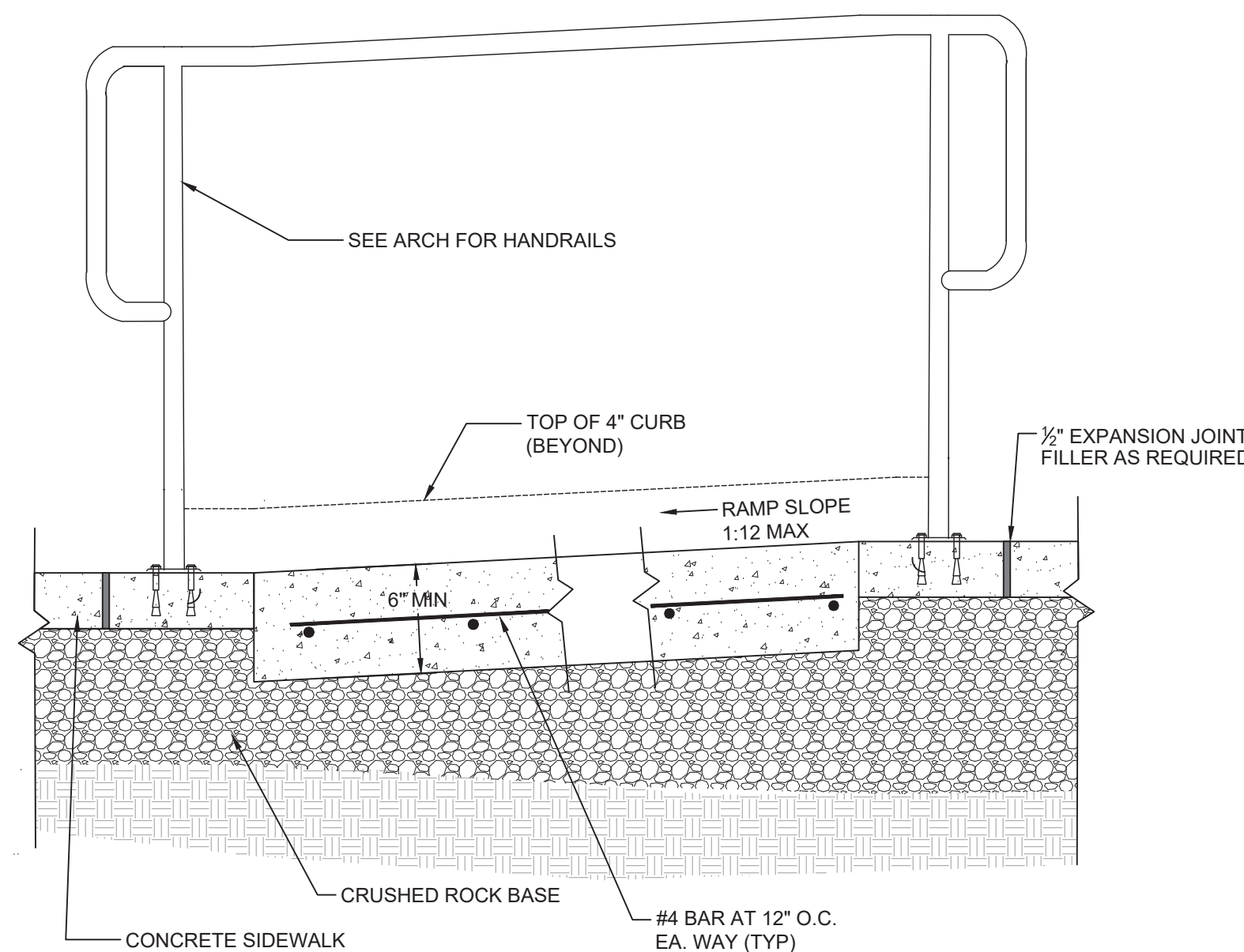
AA SECTION AA - ADA RAMP @ EX. WALL
SCALE: NTS



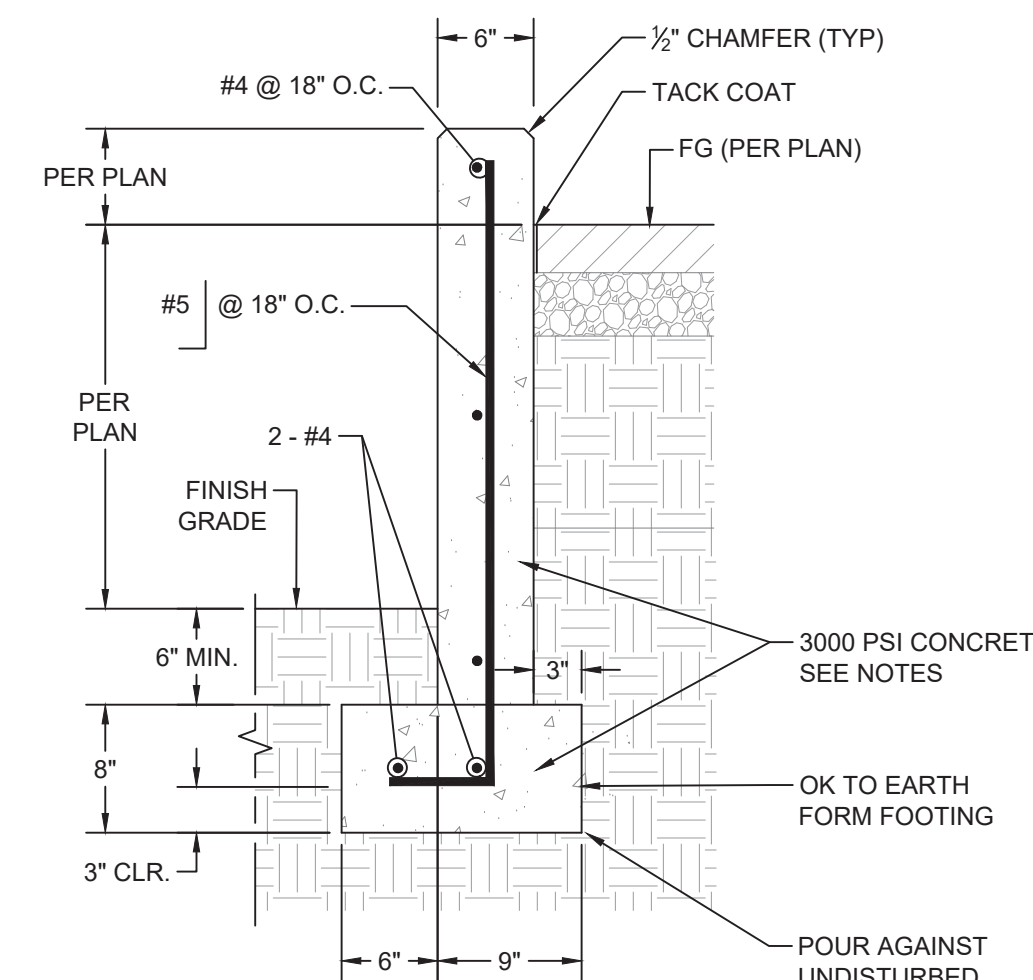
BB ADA RAMP BETWEEN HUMANITIES & ENGLISH
SCALE: NTS



331 TYPICAL SECTION - 8" CONCRETE WALLS @ ADA RAMPS
SCALE: NTS

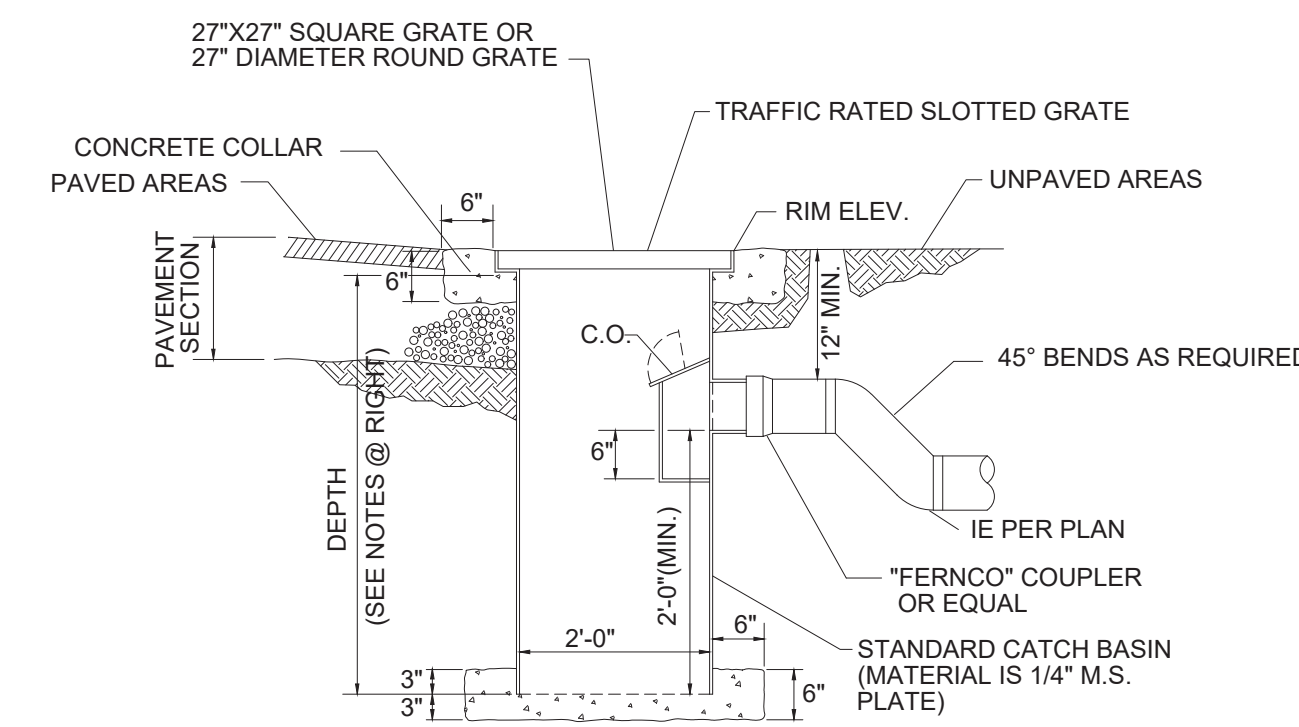


314 ADA RAMP LENGTH SECTION
SCALE: NTS



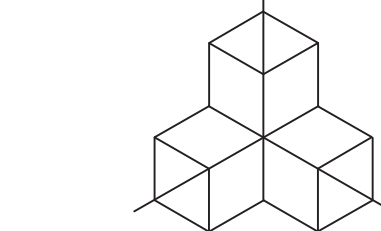
NOTES
1. WALL HEIGHT VARIES PER PLAN. DETAIL FOR WALLS LESS THAN 4-FT IN HEIGHT. CONTACT PROJECT ENGINEER IF ANY WALLS REQUIRE GREATER HEIGHT THAN 4-FT.
2. 3,000 PSI CONCRETE AT 28-DAYS.
3. SEE PROJECT SPECIFICATIONS FOR FINISH REQUIREMENTS ON EXPOSED WALL SURFACES.

330 6" CONCRETE RETAINING WALL
SCALE: NTS

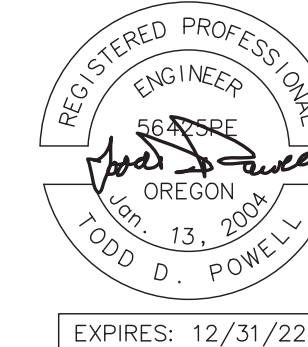


GENERAL NOTES:
1. ASPHALT COAT ALL SURFACES OF CATCH BASIN AND CLEANOUT AFTER WELDING OR HOT DIP GALVANIZE (AT MANUFACTURER'S DISCRETION).
2. BREAK SHARP CORNERS AFTER WELDING.
3. ALL WELDED STEEL CONSTRUCTION.
4. 10 GAUGE STEEL MINIMUM THICKNESS.
5. OPENING ON BOTTOM OF WATERSEAL TO BE GREATER OR EQUAL TO AREA IN OUTLET PIPE.
6. STANDARD DEPTH: 48"

401 LYNCH STYLE CATCH BASIN
SCALE: NTS



Stamp



Project

Consultant

POWELL
engineering +
consulting
221 N. Central Ave., PMB 221
Medford, OR 97501
541.613.0723 phone
www.powellengineeringconsulting.com

Revisions

No. Description Date

Date 04/15/2022
Job No. 19-031
Drawn By TDP
Checked By TDP

BID SET

Date 04/15/2022
Project Number 19-031
Drawing Title PROJECT DETAILS

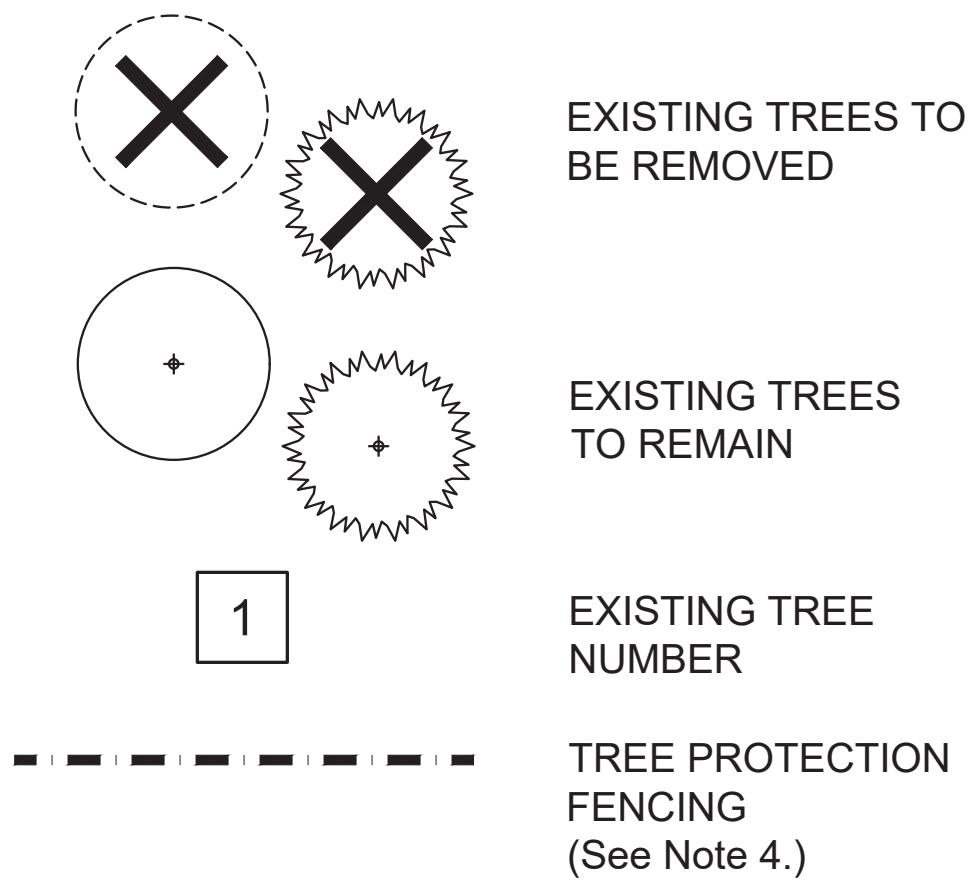
Sheet No

C6.0

EXISTING TREES

Tree #	Description	Status
1	14" RED PINE	RETAIN
2	10" WHITE BIRCH	REMOVE
3	14" MAPLE	RETAIN
4	30" MAPLE	RETAIN
5	13" MULBERRY	RETAIN
6	18" PINE	RETAIN
7	Multi-trunk 5", 6", 7" PORTUGUESE LAUREL	REMOVE
8	6" GOLDEN RAIN TREE	RETAIN
9	8" DOGWOOD	REMOVE
10	10" DOGWOOD	REMOVE
11	Multi-trunk 8", 9", 10" TORULOSA JUNIPER	REMOVE
12	6" SMOKE TREE	RETAIN
13	6" WHITE OAK	RETAIN
14	7" PONDEROSA PINE	RETAIN
15	8" PONDEROSA PINE	RETAIN
16	10" PONDEROSA PINE	RETAIN
17	18" RED PINE	RETAIN
18	6" RED MAPLE	RETAIN
19	4" LINDEN	RETAIN
20	6" RED MAPLE	RETAIN
21	4" STRAWBERRY TREE, Multi-trunk	RETAIN
22	2" CREPE MYRTLE	RETAIN
23	6" MAPLE	RETAIN
24	6" MAPLE	RETAIN
25	4" CREPE MYRTLE	RETAIN
26	36" CEDAR	RETAIN
27	36" CEDAR	RETAIN
28	7" BIG LEAF MAPLE	RETAIN
29	7" VINE MAPLE	RETAIN
30	84" COAST REDWOOD	RETAIN

LEGEND

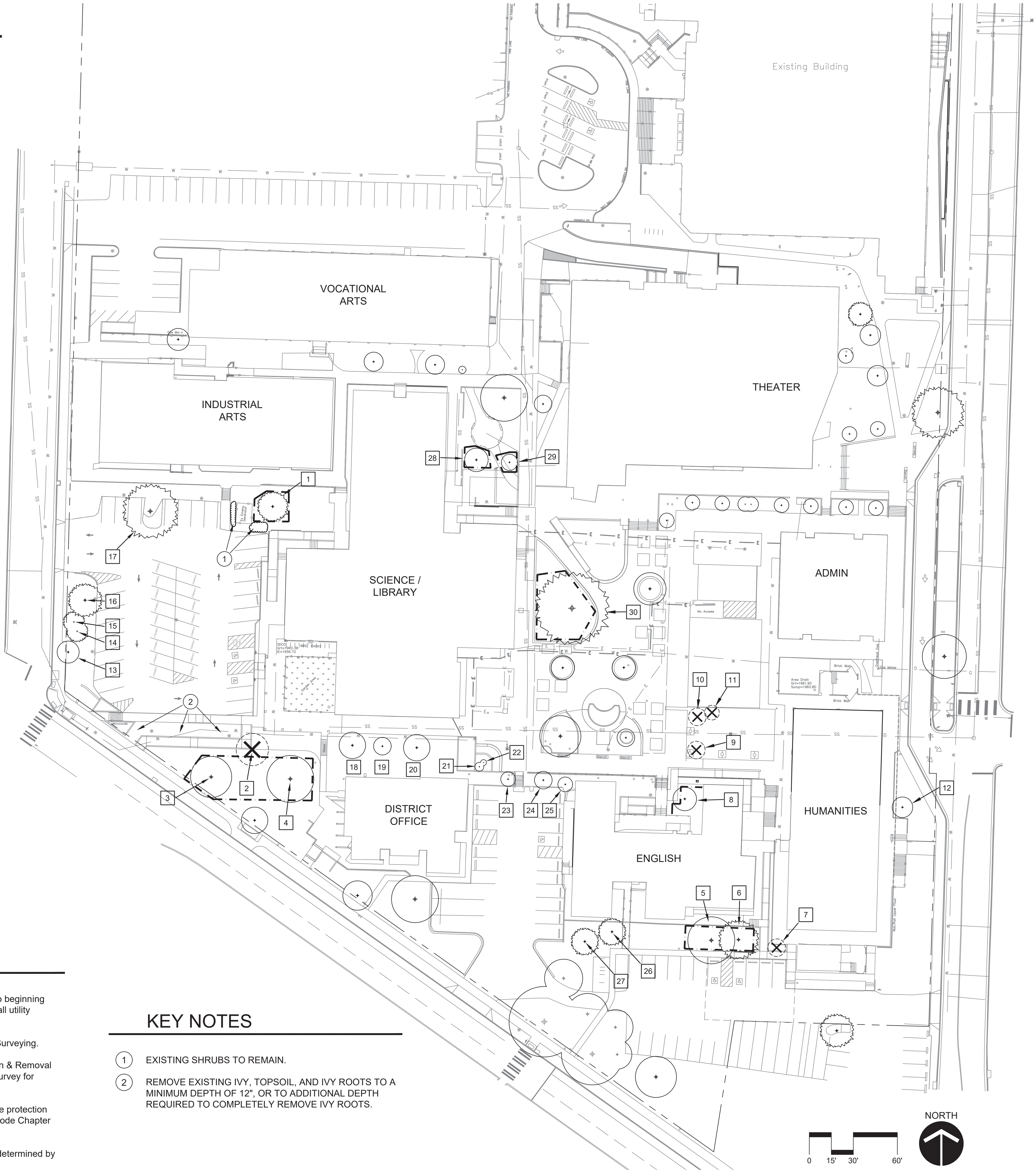


GENERAL NOTES

- Verify locations of all below-grade utilities prior to beginning work. Contractor is responsible for coordinating all utility locates.
- Topographic survey provided by Pariani Land Surveying.
- The information contained on this Tree Protection & Removal Plan supercedes the labels on the topographic survey for existing tree species and sizes.
- Contractor shall provide, install, and maintain tree protection fencing according to City of Ashland Municipal Code Chapter 18.4.5.030.
- Final location of tree protection fencing shall be determined by a certified arborist.

KEY NOTES

- EXISTING SHRUBS TO REMAIN.
- REMOVE EXISTING IVY, TOPSOIL, AND IVY ROOTS TO A MINIMUM DEPTH OF 12", OR TO ADDITIONAL DEPTH REQUIRED TO COMPLETELY REMOVE IVY ROOTS.



Stamp



Ashland School District
Ashland High School Modernization
Project
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Consultant



285 EAST MAIN, No. 8
ASHLAND, OR 97520
541.552.1015

Revisions

No. Description Date

Date 04/15/22

Job No. 19-031

Drawn By GTC

Checked By ADP

BID SET

Date

04/15/22

Project Number

19-031



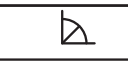









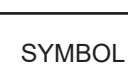

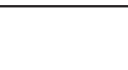



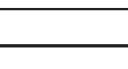
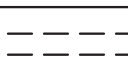
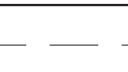





Drawing Title

TREE PROTECTION
& REMOVAL PLAN

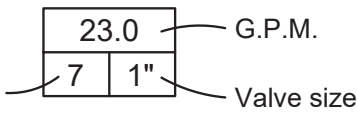
Sheet No.

L0.1

IRRIGATION LEGEND

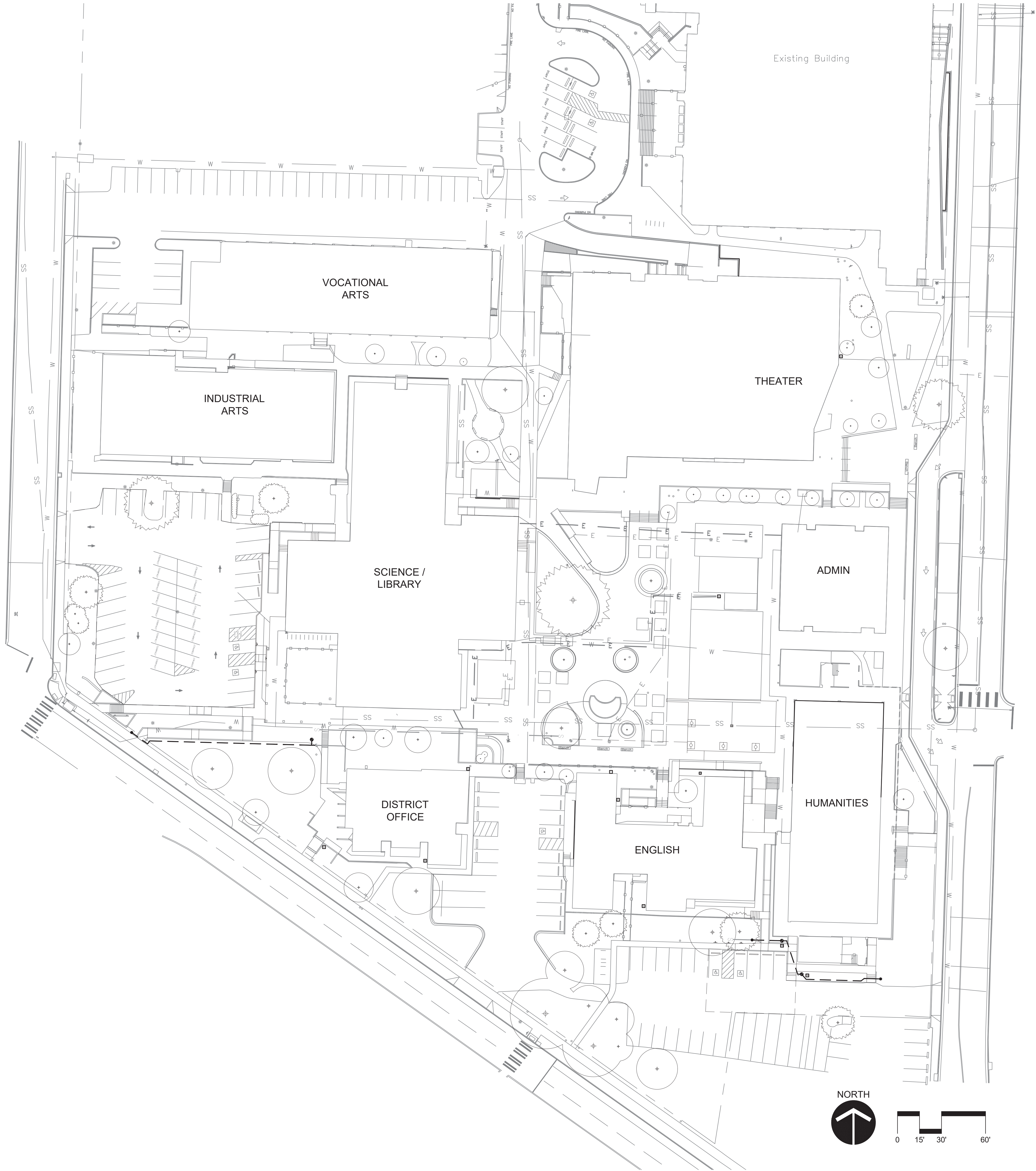
SYMBOL	RADIUS	NOZZLE	GPM	PSI	MODEL
	8"	8F	0.26	30	Rain Bird 1812-SAM w/ 8 Series MPR Nozzle
	8"	8H	0.52	30	"
	8"	8F	1.05	30	"
	10"	10Q	0.39	30	Rain Bird 1812-SAM w/ 10 Series MPR Nozzle
	10"	10H	0.79	30	"
	10"	10F	1.58	30	"
	12"	12Q	0.65	30	Rain Bird 1812-SAM w/ 12 Series MPR Nozzle
	12"	12H	1.30	30	Rain Bird 1812-SAM w/ 12 Series MPR Nozzle
	12"	12F	2.60	30	"
	15"	15Q	0.92	30	Rain Bird 1812-SAM w/ 15 Series MPR Nozzle
	15"	15H	1.85	30	"
	15"	15F	3.70	30	"
	5"	5Q-B	0.50	30	Rain Bird 5 Series MPR Stream Bubbler Nozzle on fixed riser
	4x15'	15RCS	0.49	30	Rain Bird 1812-SAM w/ 15 Strip Series Nozzle
	4x15'	15LCS	0.49	30	"
	4x30'	15SST	1.21	30	"
SYMBOL	DESCRIPTION				
	RAIN BIRD PEB-PRS-D CONTROL VALVE w/ PRESSURE REGULATING MODULE. SEE SHEET L1.5 FOR DETAIL.				
	RAIN BIRD 44LRC QUICK COUPLING VALVE. SEE SHEET L1.5 FOR DETAIL.				
	MAIN LINE ISOLATION VALVE, AS SPECIFIED. LINE SIZE.				
	MAIN LINE, 1.5" SCH 40 PVC, UNLESS NOTED OTHERWISE.				
	EXISTING MAIN LINE.				
	LATERAL LINE, SCH 40 PVC.				
	SLEEVE, SCH 40 PVC, MIN. 6" DIA. UNLESS OTHERWISE NOTED. COORDINATE WITH GENERAL CONTRACTOR.				
	EXISTING LATERAL LINE				
	RAIN BIRD TBOS-BT BLUE TOOTH BATTERY OPERATED CONTROLLER				
	Concrete Junction Box.				

GENERAL NOTES

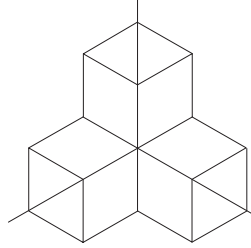
- A. The landscape contractor shall inspect the site and verify conditions and dimensions prior to construction.
- B. Install irrigation system to comply with the codes and ordinances of all jurisdictional agencies.
- C. Irrigation plans are schematic. Assumptions were made with regard to configuration of existing irrigation. Place irrigation lines in common trench whenever possible. Field adjust irrigation elements to meet intent of design and to avoid conflict with utilities.
- D. Verify backflow prevention device has been inspected and approved by the appropriate authority.
- E. All valves shall be placed in valve boxes in a manner which facilitates access for maintenance. Locate valve boxes in shrub beds whenever possible.
- F. All components of irrigation system shall be installed and adjusted to provide complete coverage. Contractor is responsible for providing a complete working system.
- G. Submit reports of static pressures at points of connection as specified.
- H. System is designed to operate with a minimum of 30 psi at the furthest head from the point of connection. Head layout and zones are based on this data, and specifications shown in the irrigation legend. Notify the Landscape Architect if actual field data differs from this information.
- I. Irrigation laterals are sized starting at valve and continuing in direction of flow. Reductions in pipe size are labelled beginning downstream of nearest fitting. All laterals not sized are minimum 1 inch or same size as nearest adjacent pipe.
- J. Valve Key  G.P.M.
Zone number Valve size
- K. Install all irrigation pipe in PVC sleeves below all paved surfaces as specified in Section 32 84 24, Irrigation.
- L. Provide 6" pop-up spray heads (RB 1806) for all lawn areas. Provide 12" pop-up spray heads (RB 1812) for all shrub beds unless otherwise indicated on the plans.
- M. Multi-strand control wire not allowed. Use 14 gauge wire as specified in Section 32 84 24, Irrigation.
- N. Install drain valves at low points on main and lateral lines. Install quick coupling valves at high points in the main lines to facilitate blowing out the system.
- O. Install pressure regulators on main lines as required.
- P. Install in-line check valves as required to prevent low head drainage.
- Q. Install air-relief valves on main lines as specified, and as recommended by the manufacturer.
- R. Existing Irrigation Operation Report: Contractor shall examine existing irrigation impacted by the work of this contract, and submit an Operation Report prior to beginning work as specified. See Irrigation Specification 32 8424, Part 1.2 C.
- S. Irrigation Repairs: Contractor is responsible for maintaining operational irrigation systems in good working order, and repairing any irrigation impacted by the work of this contract.

IRRIGATION KEY NOTES

- 1 EXISTING DOUBLE CHECK VALVE TO REMAIN.
- 2 INSTALL ISOLATION VALVE IN VALVE BOX.
- 3 EXISTING VALVE WITH EXTRA CONTROL WIRES. USE ONE CONTROL WIRE FOR NEW ICV (IRRIGATION CONTROL VALVE) FOR IRRIGATION ZONE A1.
- 4 EXISTING IRRIGATION CONTROLLER 'A' TO REMAIN.
- 5 EXISTING IRRIGATION CONTROLLER 'B' TO REMAIN.
- 6 EXISTING IRRIGATION CONTROLLER 'C' TO REMAIN.
- 7 EXISTING IRRIGATION CONTROLLER 'D' TO REMAIN.
- 8 REMOVE EXISTING ICV AND REPLACE WITH NEW ICV AND TBOS-BT BATTERY OPERATED CONTROLLER IN LOCATION SHOWN.
- 9 EXISTING 1" MAINLINE, CAPPED. INSTALL NEW ICV AND TBOS-BT BATTERY OPERATED CONTROLLER AND CONNECT TO NEW IRRIGATION AS SHOWN.
- 10 INSTALL ISOLATION VALVE AND CONNECT EXISTING MAINLINE WITH NEW MAINLINE.
- 11 EXISTING CONTROLLER 'I' TO REMAIN (CURRENTLY NON-OPERATIONAL).
- 12 EXISTING IRRIGATION CONTROLLER 'E' TO REMAIN.
- 13 EXISTING BALL VALVE, DOUBLE CHECK VALVE, AND ICV TO REMAIN. REUSE ICV IN PLACE AND CONNECT TO NEW IRRIGATION ZONE E1 AS SHOWN.
- 14 INSTALL JUNCTION BOX TO FACILITATE INSTALLATION OF SLEEVE AS SHOWN.
- 15 EXISTING IRRIGATION LATERAL AND ICV (SEE NOTE 16). EXTEND LATERAL LINE TO IRRIGATION ZONE G1 SERVING NEW TREE PLANTERS AS SHOWN.
- 16 EXISTING DOUBLE CHECK VALVE, GATE VALVE AND ICV TO REMAIN. ICV TO SERVE IRRIGATION ZONE G1.
- 17 ADJUST EXISTING SPRINKLER LOCATIONS TO RESPOND TO NEW RAMP AND IRRIGATION MAINLINE INSTALLATION IN THIS AREA.
- 18 NEW 6" DIA. SCH 40 SLEEVE.
- 19 EXISTING IRRIGATION CONTROLLER 'G' TO REMAIN.



arkitek:
design and
architecture, llc



426 a street
ashland, or 97520
tel: 541.591.9988

Stamp

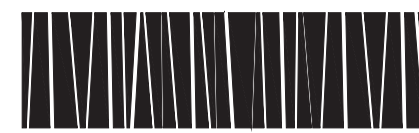


Ashland School District
Ashland High School Modernization
Project
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Project

Consultant



CoveyPardee
LANDSCAPE ARCHITECTS

295 EAST MAIN, No. 8
ASHLAND, OR 97520
541.552.1015

Revisions

No. Description Date

Date 04/15/22

Job No. 19-031

Drawn By GTC

Checked By ADP

BID SET

Date

04/15/22

Project Number

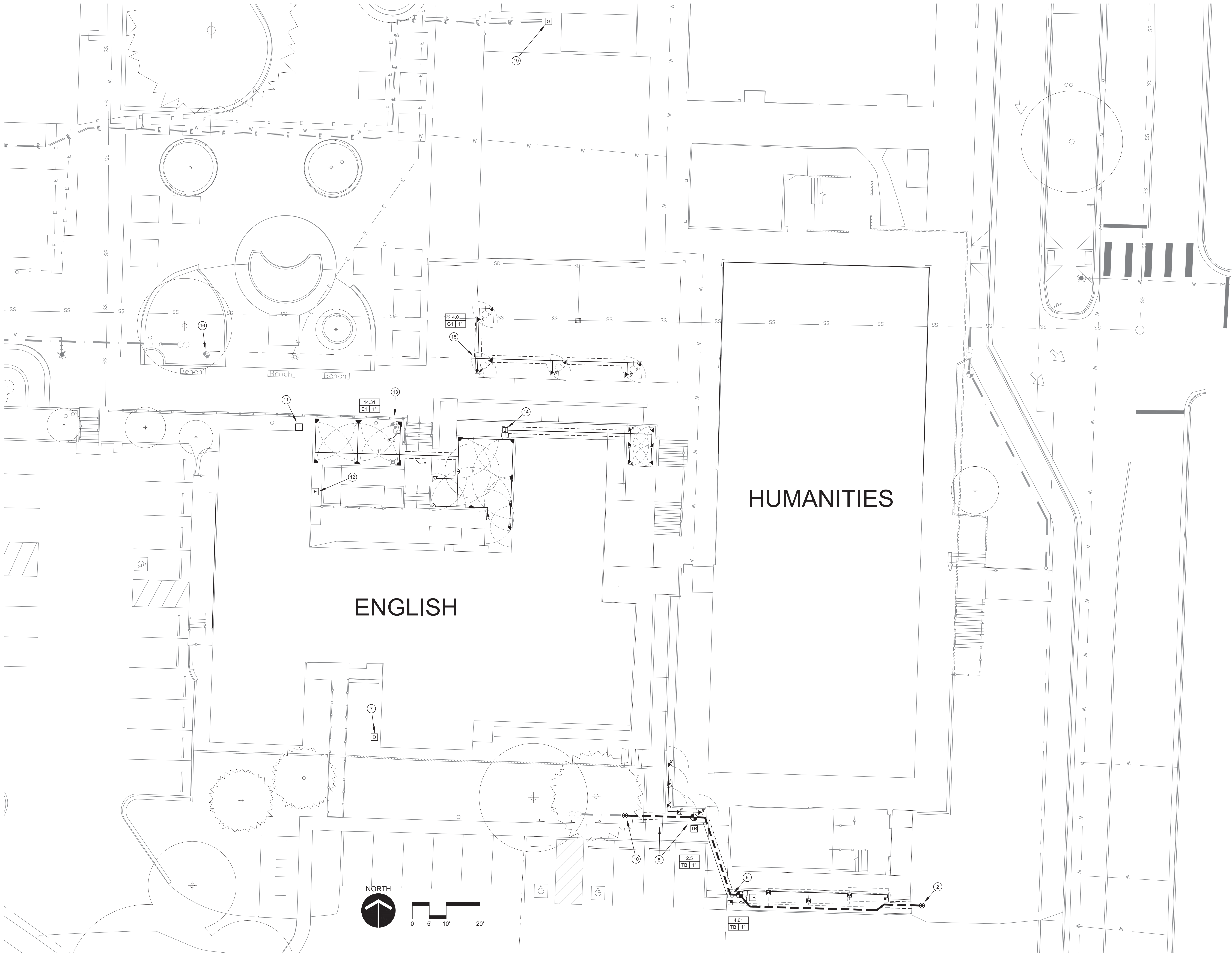
19-031

Drawing Title

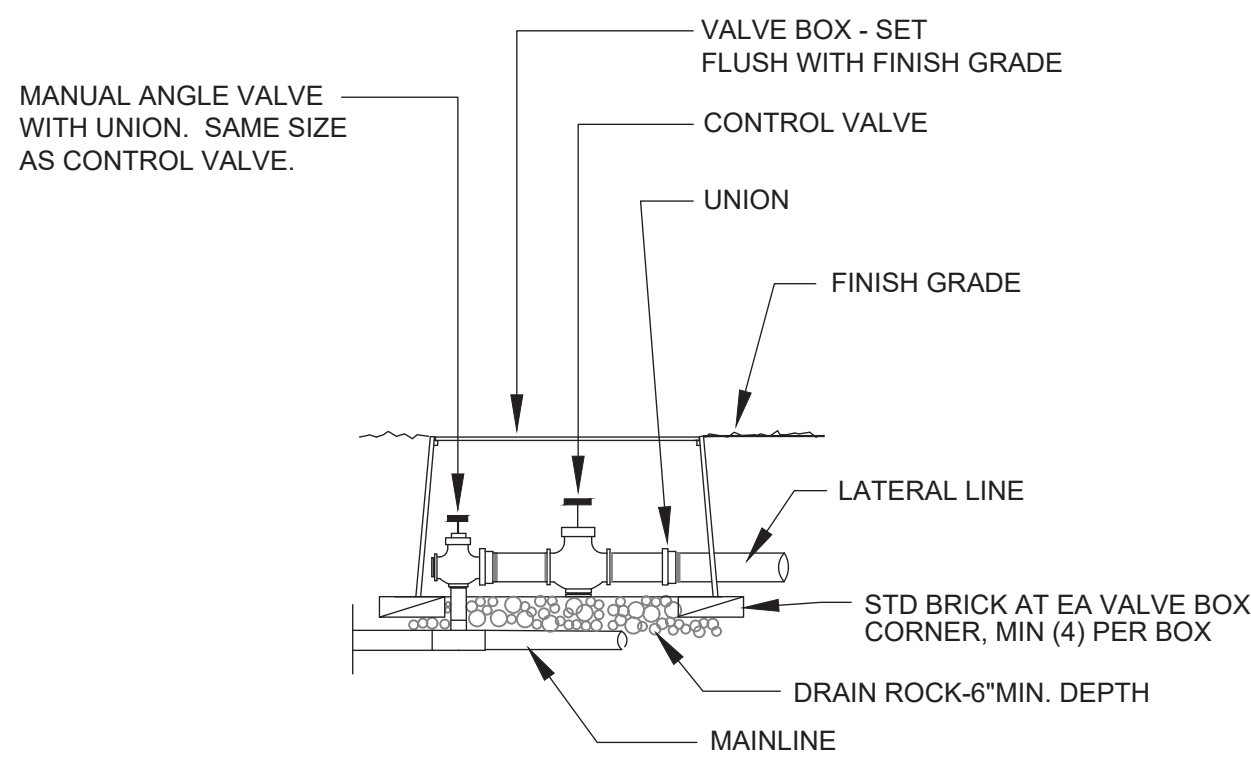
OVERALL
IRRIGATION PLAN

Sheet No.

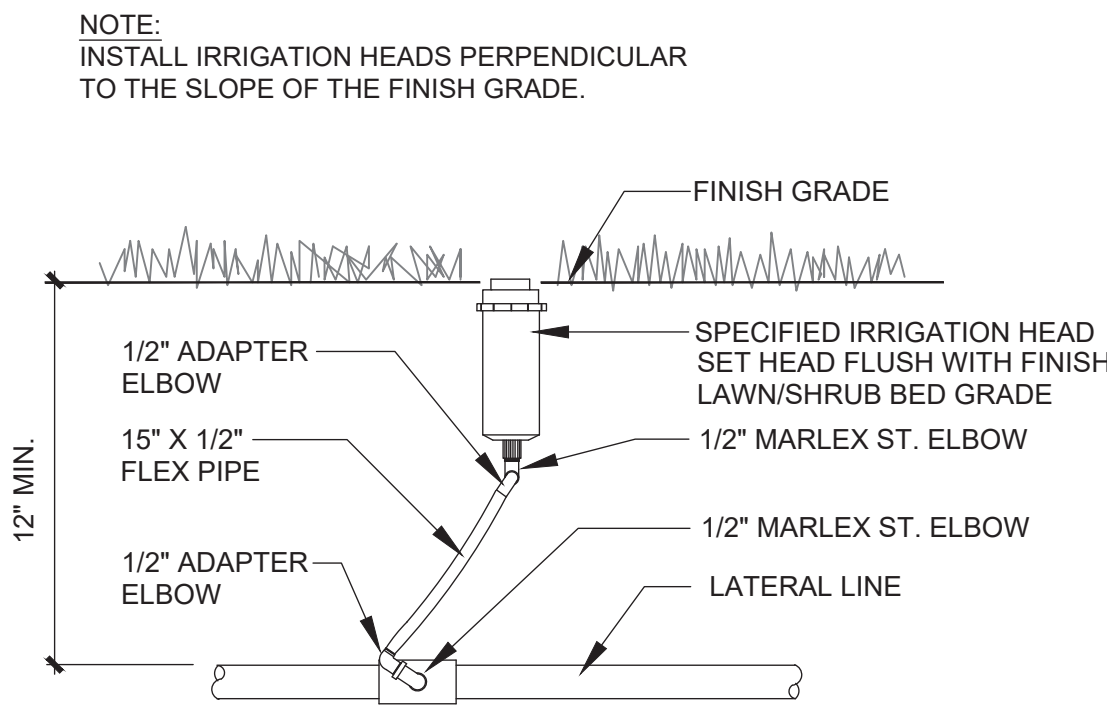
L1.0



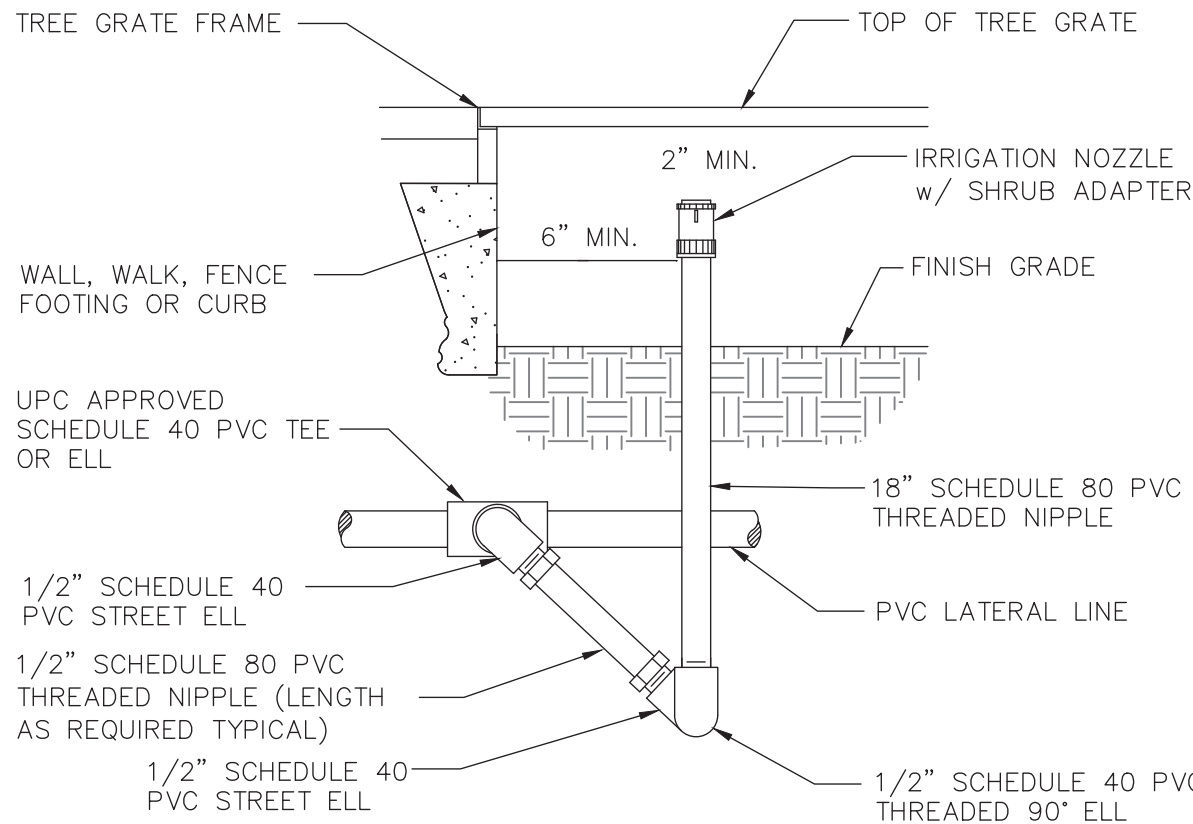
Revisions		
No.	Description	Date
BID SET		



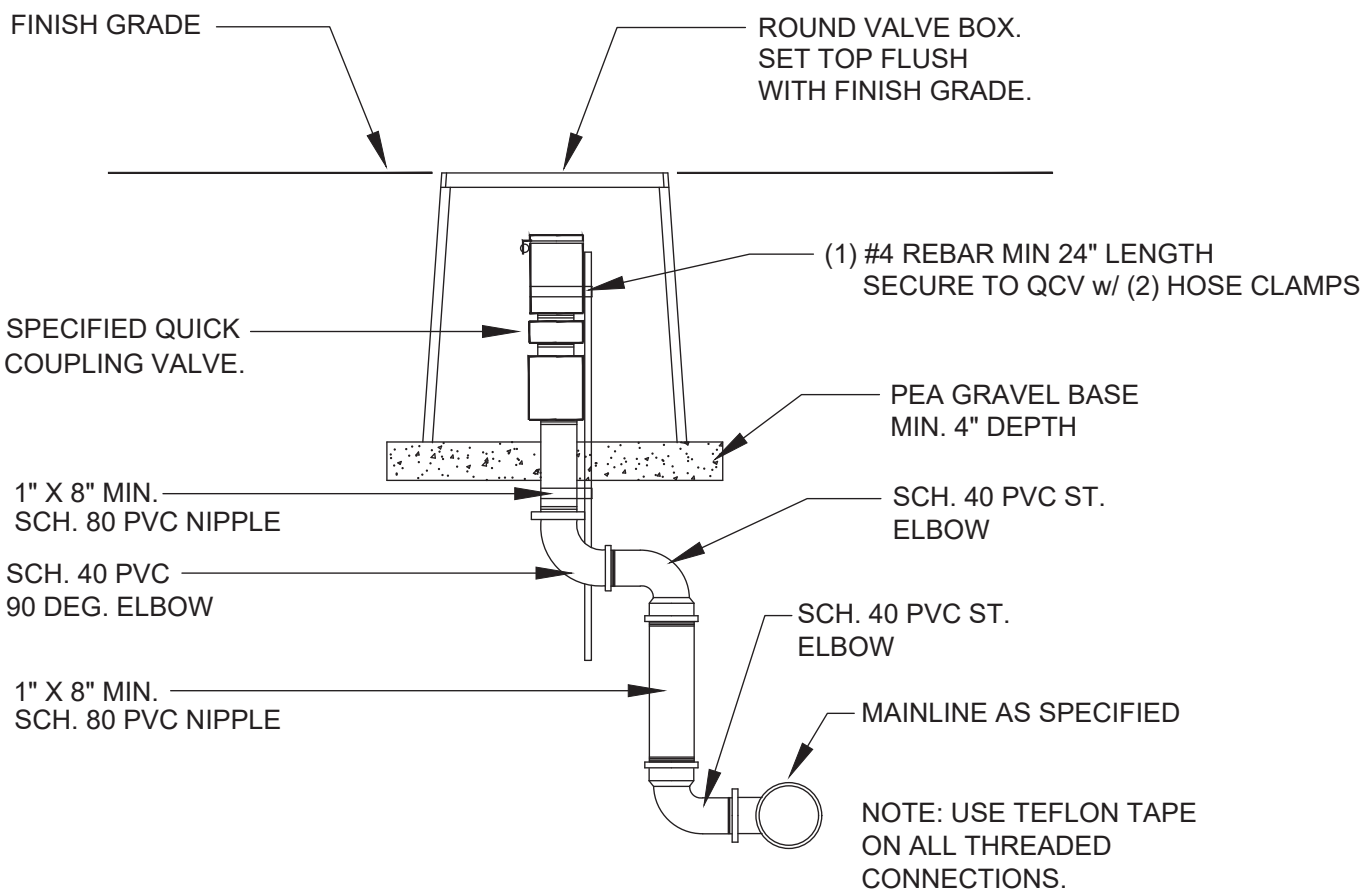
1 IRRIGATION CONTROL VALVE
NOT TO SCALE



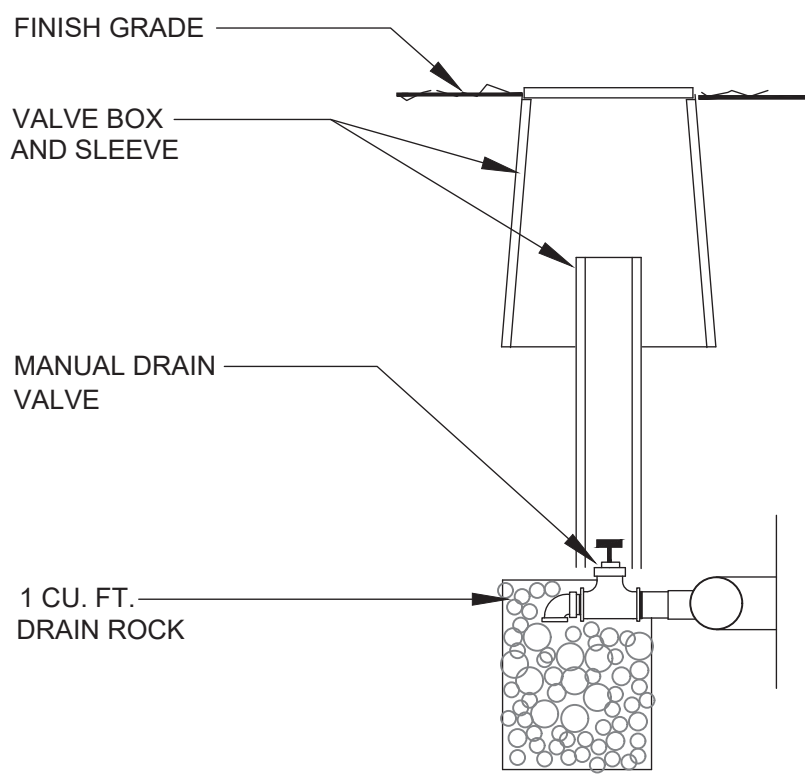
2 SPRAY HEAD ASSEMBLY
NOT TO SCALE



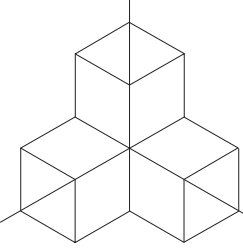
3 SPRAY NOZZLE ON FIXED RISER
NOT TO SCALE



4 QUICK COUPLING VALVE
NOT TO SCALE



5 MANUAL DRAIN VALVE
NOT TO SCALE



Stamp



Ashland School District
**Ashland High School Modernization
Project**
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Project

Consultant



CoveyPardee
LANDSCAPE ARCHITECTS

285 EAST MAIN, No. 8
ASHLAND, OR 97520
541.552.1015

Revisions

No.	Description	Date
-----	-------------	------

Date	04/15/22
Job No.	19-031
Drawn By	GTC
Checked By	ADP

BID SET

Date
04/15/22

Project Number
19-031

Drawing Title
**IRRIGATION
DETAILS**

Sheet No.

L1.3

PLANT LIST

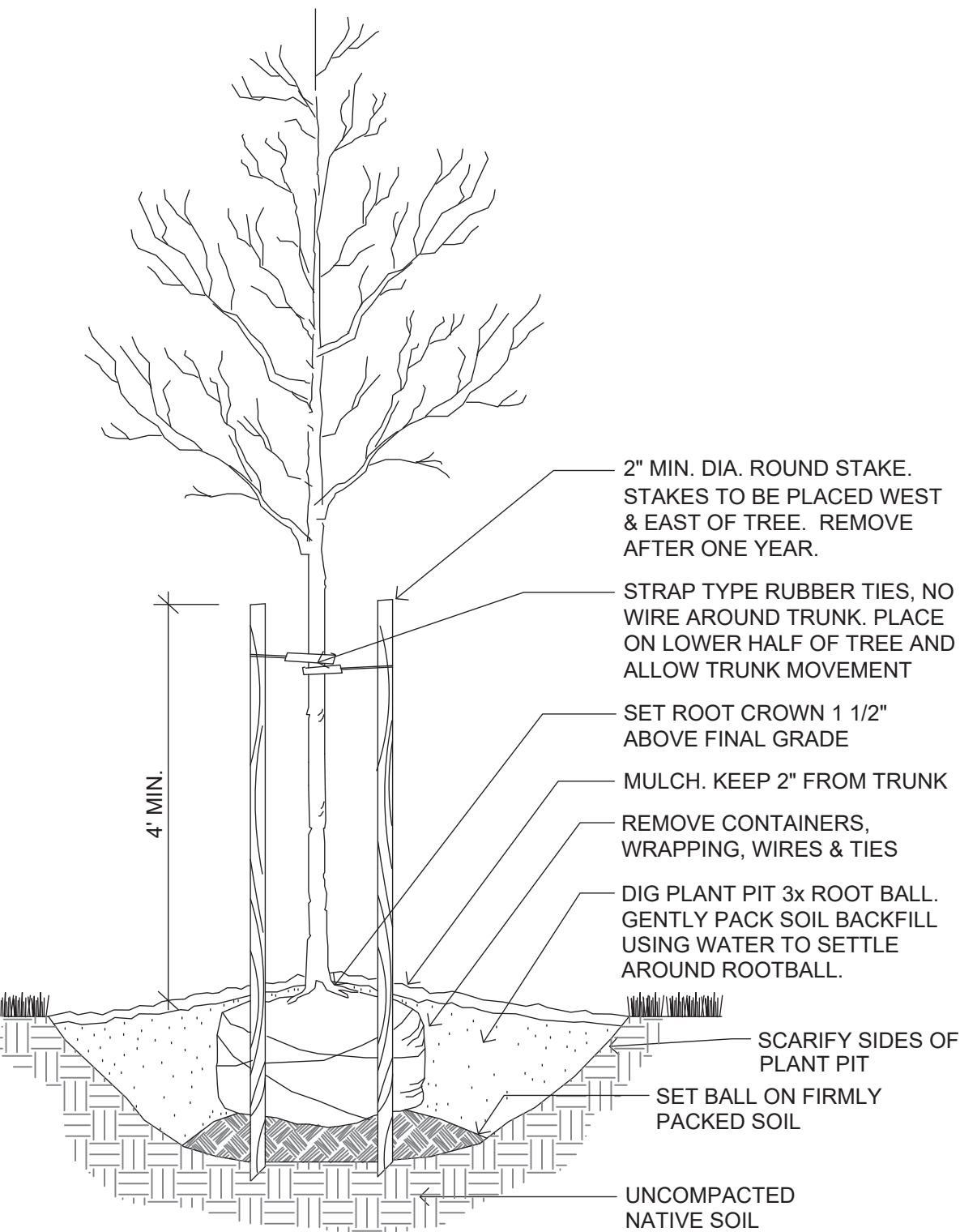
KEY	BOTANICAL NAME	COMMON NAME	SIZE / CONDITION
TREES			
ACGI	ACER GINNALA 'FLAME'	FLAME AMUR MAPLE	1.75" CAL. B&B
ACTR	ACER TRUN. X 'NORWEGIAN SUNSET'	NORWEGIAN SUNSET MAPLE	1.75" CAL. B&B
CEMA	CELTIS OCC. 'MAGNIFICA'	MAGNIFICA HACKBERRY	1.75" CAL. B&B
COFL	CORNUS FLORIDA 'RUBRA'	RUBRA PINK FLORIDA DOGWOOD	1.75" CAL. B&B
PAPE	PARROTIA PERSICA	PERSIAN IRONWOOD	1.75" CAL. B&B
QUFR	QUERCUS FRAINETTO 'SCHMIDT'	FOREST GREEN OAK	1.75" CAL. B&B
SHRUBS			
BECR	BERBERIS T. 'CRIMSON PYGMY'	CRIMSON PYGMY BARBERRY	1 GAL.
BERO	BERBERIS T. 'ROSE GLOW'	ROSE GLOW BARBERRY	1 GAL.
BEWM	BERBERIS 'WM. PENN'	WM. PENN. BARBERRY	1 GAL.
CHTE	CHOISYA TERNATA	MEXICAN ORANGE	5 GAL.
EUAL	EUONYMUS ALATUS 'COMPACTA'	COMPACT BURNING BUSH	1 GAL.
HADI	HAMAMELIS X INTERMEDIA 'DIANE'	DIANE WITCH HAZEL	MT 5'-6" HT. B&B
HODI	HOLODISCUS DISCOLOR	OCEANSPRAY	1 GAL.
ILCR	ILEX CRENATA 'COMPACTA'	COMPACT JAPANESE HOLLY	1 GAL.
MACO	MAHONIA AQUIFOLIUM 'COMPACTA'	COMPACT OREGON GRAPE	1 GAL.
NABU	NANDINA D. 'BURGUNDY WINE'	BURGUNDY WINE DWARF NANDINA	1 GAL.
NAGU	NANDINA D. 'GULF STREAM'	GULF STREAM HEAVENLY BAMBOO	1 GAL.
OSGU	OSMANTHUS H. 'GULFTIDE'	GULFTIDE FALSE HOLLY	1 GAL.
POFR	POTENTILLA F. 'MANGO TANGO'	MANGO TANGO POTENTILLA	1 GAL.
PRLU	PRUNUS LUSITANICA	PORTUGUESE LAUREL	5 GAL.
RHAR	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	1 GAL.
RISA	RIBES SANGUINEUM	KING EDWARD VII FLWG CURRANT	5 GAL.
SARU	SARCOCOCCA RUSCIFOLIA	SWEET BOX	1 GAL.
SPAN	SPIRAEA J. 'ANTHONY WATERER'	ANTHONY WATERER SPIREA	1 GAL.
SPLI	SPIRAEA J. 'LIME MOUND'	LIME MOUND SPIREA	1 GAL.
GROUND COVERS, VINES, PERENNIALS & GRASSES			
ARUV	ARCTO. UVA-URSI 'MASS. I'	MASS. KINKINNICK	1 GAL.
GAWH	GAURA 'WHIRLING BUTTERFLIES'	WHIRLING BUTTERFLIES GAURA	1 GAL.
HESA	HELIOTRICHON 'SAPPHIRE'	SAPPHIRE BLUE OAT GRASS	1 GAL.
MUCA	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	1 GAL.
MUFA	MUHLENBERGIA C. 'FAST FORWARD'	FAST FORWARD PINK MUHLY GRASS	1 GAL.
ROCL	ROSA SP.	CLIMBING ROSE	1 GAL.
ROIC	ROSA 'KORBIN' ICEBERG	ICEBERG CLIMBING ROSE	1 GAL.
RONO	ROSA X 'NOIRE'	RED FLOWER CARPET ROSE	1 GAL.
RUCA	RUBUS P. 'EMERALD CARPET'	EM. CARPET CREEPING RASPBERRY	1 GAL.
PEBU	PENNISETUM A. 'BURGUNDY BUNNY'	BURGUNDY BUNNY FOUNTAIN GRASS	1 GAL.
PEKA	PENNISETUM A. 'KARLEY ROSE'	KARLEY ROSE FOUNTAIN GRASS	1 GAL.
TECH	TEUORIUM CHAMAEEDRYS	CREEPING GERMANDER	1 GAL.
TRAS	TRACHELOSPERMUM ASIATICUM	ASIATIC JASMINE	1 GAL.

GENERAL PLANTING NOTES

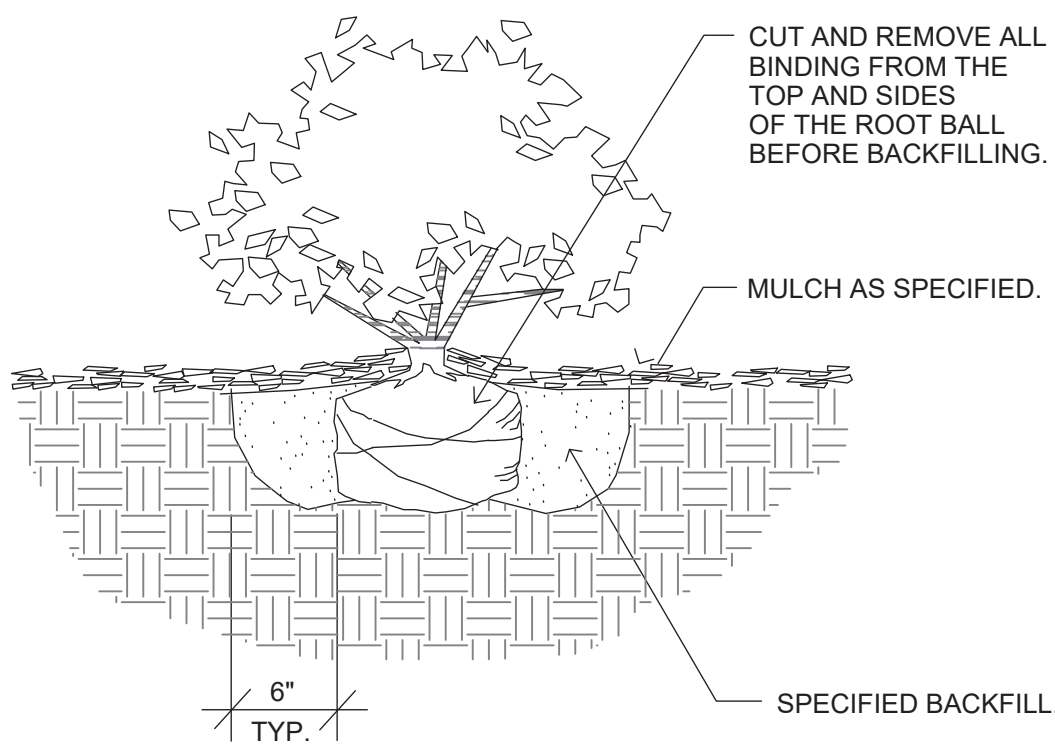
- A. ALL LANDSCAPE AREAS NOT INDICATED FOR NEW PLANTING, BUT DISTURBED DURING CONSTRUCTION. CONTRACTOR SHALL REGRADE AREAS TO SMOOTH EVEN FINISH, REMOVE WEEDS, AND INSTALL 3" LAYER OF BARK MULCH.
- B. CONTRACTOR SHALL COORDINATE TREE PLACEMENT TO AVOID CONFLICTS WITH ELECTRICAL EQUIPMENT.

PLANTING KEY NOTES

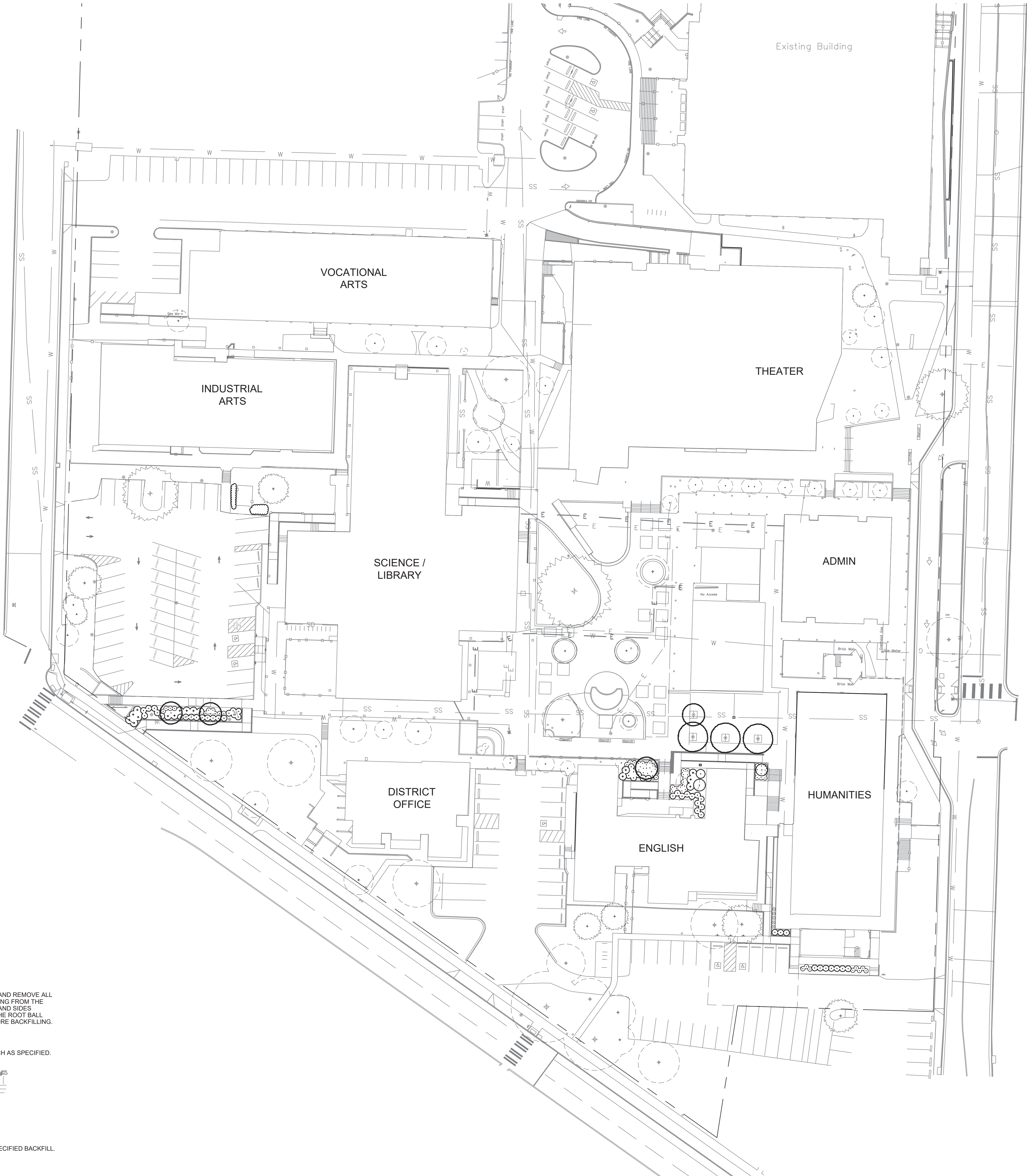
- 1 EXISTING SHRUB TO REMAIN. SEE TEMPORARY TREE AND PLANT PROTECTION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 2 ADJUST LAWN EDGE, AND IF NECESSARY, ADD LAWN TO RESPOND TO NEW RAMP INSTALLATION IN THIS AREA.
- 3 NEW LAWN BEDLINE.
- 4 REPAIR AND RESEED EXISTING LAWN AS REQUIRED.
- 5 TREE GRATE



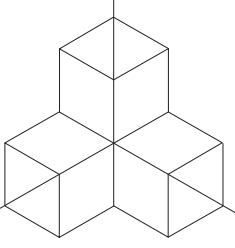
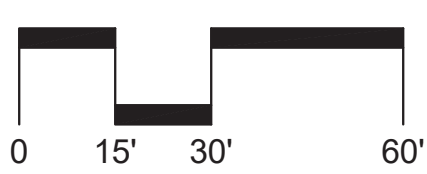
2 TREE PLANTING
NOT TO SCALE



3 SHRUB PLANTING
NOT TO SCALE



1 OVERALL PLANTING PLAN
1" = 30' @ 30 x 42"



Stamp



Project

Consultant



CoveyPardee
LANDSCAPE ARCHITECTS

295 EAST MAIN, No. 8
ASHLAND, OR 97520
541.552.1015

Revisions

No. Description Date

Date 04/15/22

Job No. 19-031

Drawn By GTC

Checked By ADP

BID SET

Date

04/15/22

Project Number

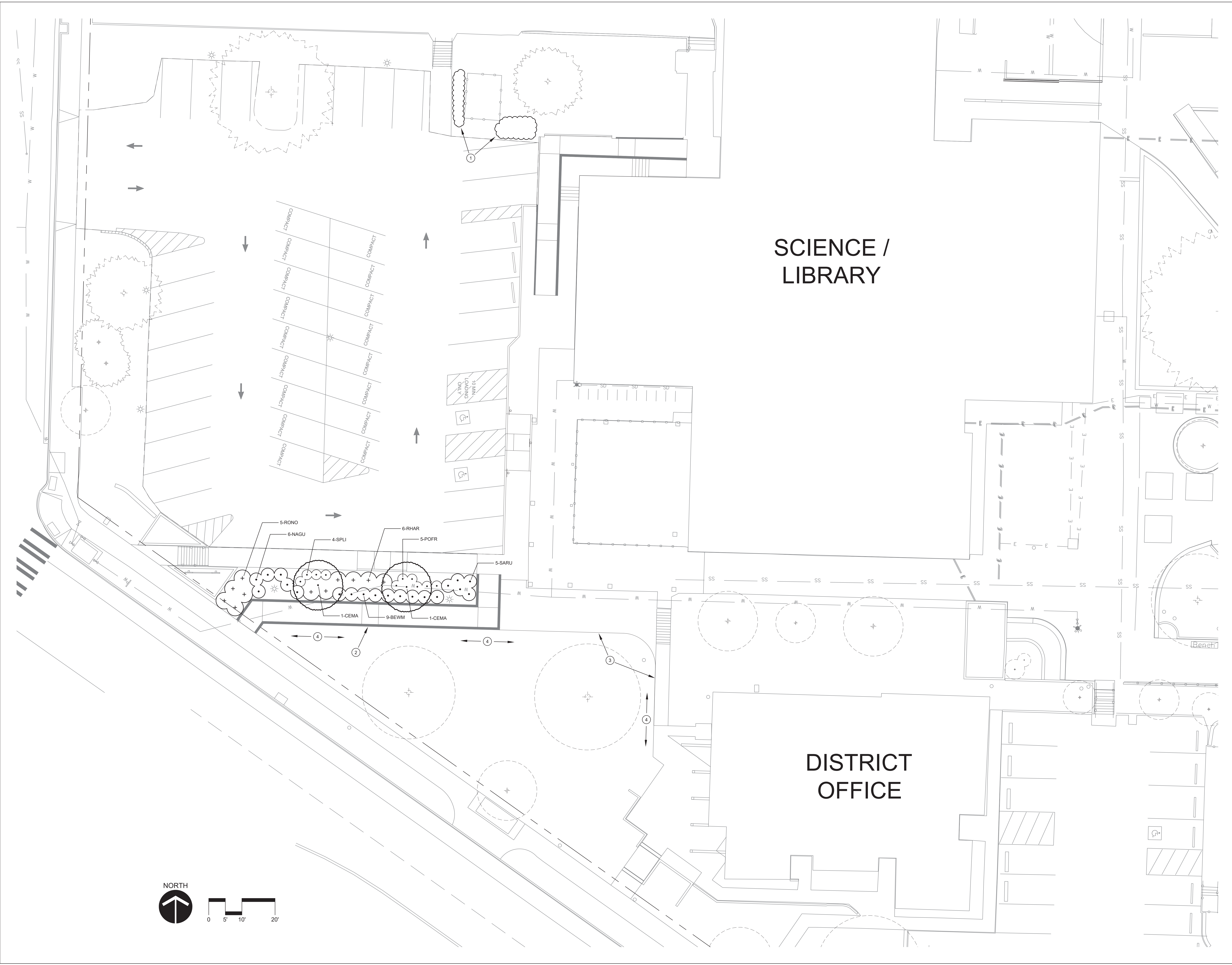
19-031

Drawing Title

OVERALL
PLANTING PLAN

Sheet No.

L2.0



arkitek:
design and
architecture, llc

426 a street
ashland, or 97520
tel: 541.591.9988



Ashland School District
Ashland High School Modernization Project
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



CoveyPardee
LANDSCAPE ARCHITECTS

295 EAST MAIN, No. 8
ASHLAND, OR 97520
541.552.1015

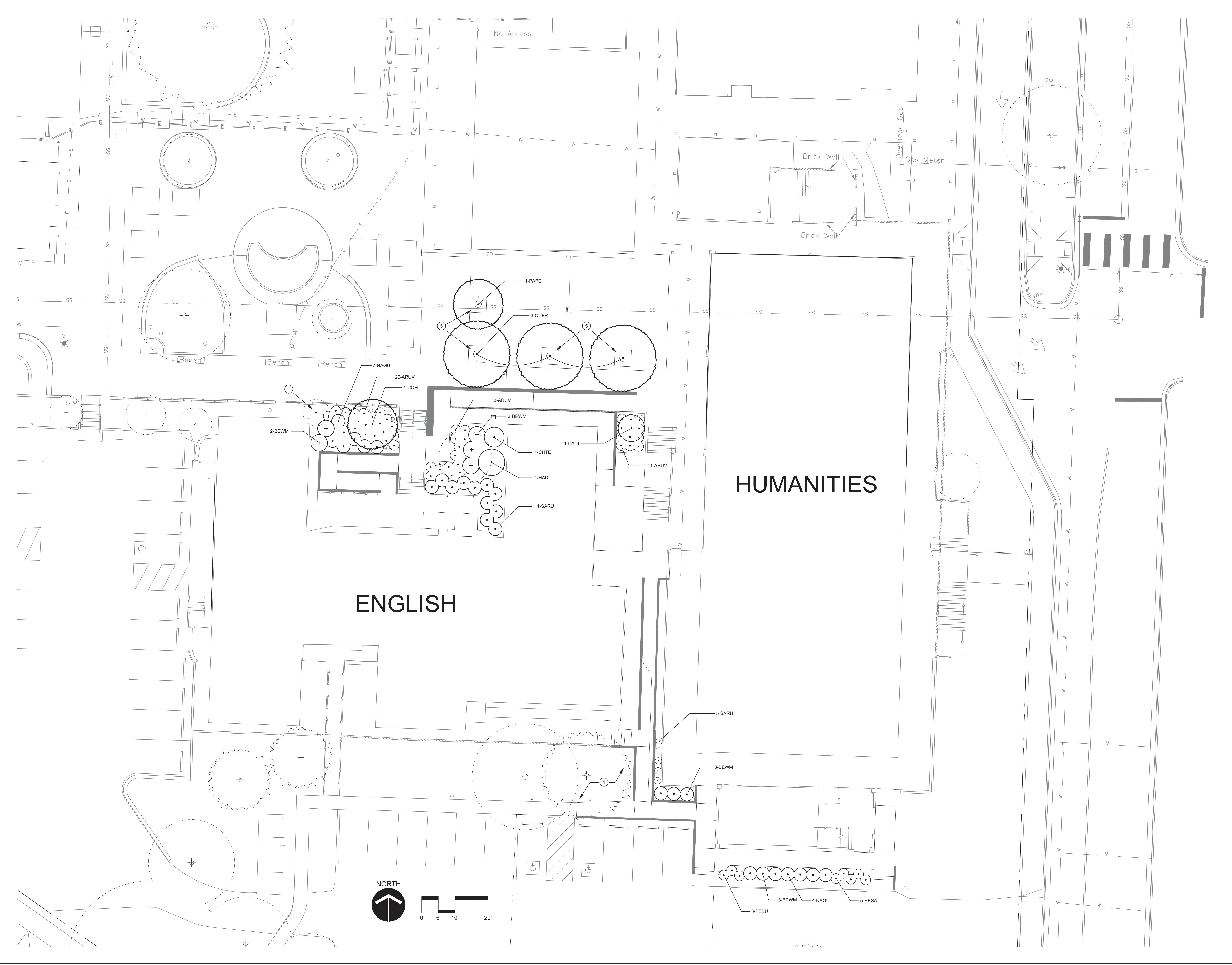
Revisions		
No.	Description	Date

Date 04/15/22
Job No. 19-031
Drawn By GTC
Checked By ADP

BID SET

Date 04/15/22
Project Number 19-031
Drawing Title **PLANTING PLAN - SOUTHWEST**

Sheet No. **L2.1**



Ashland School District
**Ashland High School Modernization
Project**
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Consultant

CoveyPardee
LANDSCAPE ARCHITECTS
295 EAST MAIN, No. 8
ASHLAND, OR 97520
541.552.1015

Revisions

No.	Description	Date

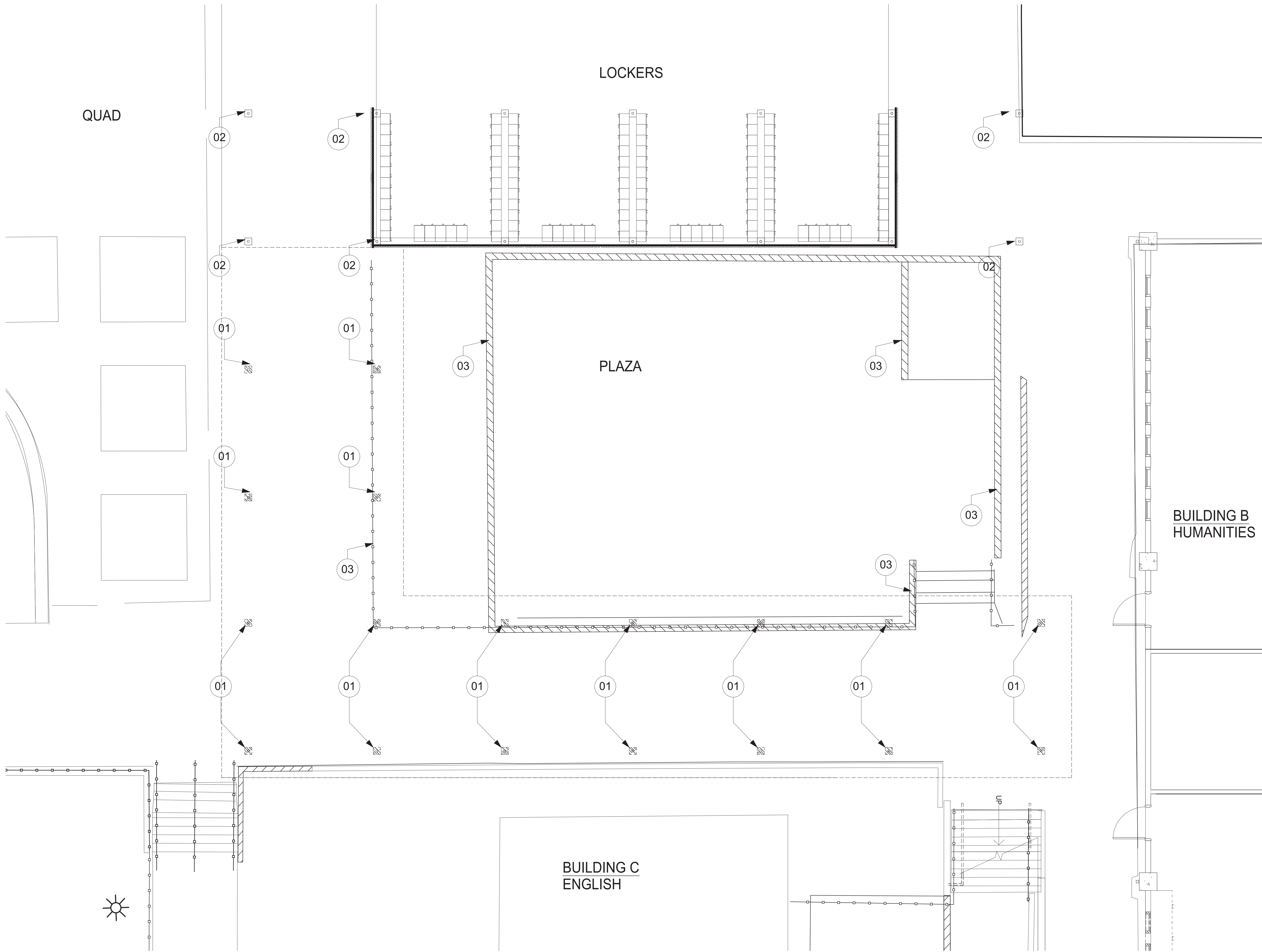
Date 04/15/22
Job No. 19-031
Drawn By GTC
Checked By ADP

BID SET

Date 04/15/22
Project Number 19-031
Drawing Title PLANTING PLAN - SOUTHEAST

1 BREEZEWAY DEMOLITION PLAN

1/4" = 1'-0"



SHEET NOTES

1. THESE DRAWING ARE ONLY TO ASSIST IN SHOWING SCOPE OF DEMOLITION WORK AND IS NOT INTENDED TO INDICATE ALL DEMOLITION.
2. NOT ALL ITEMS TO BE DEMOLISHED ARE SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING A WALK-THRU OF THE SITE PRIOR TO BID AND CONSTRUCTION AND BECOMING FAMILIAR WITH ALL EXISTING CONDITIONS FOR THE PURPOSE OF IDENTIFYING POSSIBLE CRITICAL ITEMS, NOT ADDRESSED OR INCORRECTLY ADDRESSED, WHICH REQUIRE REMOVAL OR RELOCATION.
3. EXECUTION OF DEMOLITION SHALL PROGRESS IN SUCH A MANNER AS NOT TO INTERFERE WITH SAFETY AND CONVENIENCE THE PUBLIC AND THOSE AROUND THE SITE.
4. REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS.
5. WHERE EXISTING BEARING WALLS/COLUMNS ARE SCHEDULED FOR DEMOLITION, PROVIDE TEMPORARY SHORING/BRACING AS REQUIRED TO SUPPORT EXISTING LOADS PRIOR TO STARTING DEMOLITION.
6. CONTRACTOR SHALL PROVIDE STAGING/DEMOLITION PLAN AND COORDINATE WITH DISTRICT ON SITE ACCESS DURING PRE-CONSTRUCTION MEETING.
7. WASTE MATERIALS AND RUBBISH FROM DEMOLITION OPERATIONS SHALL BE REMOVED FROM SITE AS RAPIDLY AS POSSIBLE AND SHALL NOT BE ALLOWED TO ACCUMULATE ON PREMISES. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL WASTE MATERIAL.
8. CONTRACTOR SHALL PROTECT EXISTING STRUCTURE, DUCTWORK, AND CEILING SYSTEMS SCHEDULED TO REMAIN. PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED BY DEMOLITION AND/OR INSTALLATION OF NEW WORK, AS REQUIRED TO MATCH ADJACENT SURFACES AND TO RECEIVE NEW FINISHES.
9. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.

DEMOLITION NOTES

01	DEMOLISH (E) BREEZEWAY STRUCTURE
02	(E) BREEZEWAY STRUCTURE TO REMAIN
03	SITE DEMOLITION, SEE CIVIL DWGS. TYP.

LEGEND

- WALL TO BE DEMOLISHED
- EXISTING WALL TO REMAIN
- SLAB TO BE DEMOLISHED
- AREA OF NO WORK (NOT IN CONTRACT)
- DOOR TO BE DEMOLISHED
- WINDOW TO BE DEMOLISHED

Key Plan

Date: 04/15/22

Job No.: 19-031

Drawn By: Author

Checked By: Checker

BID SET

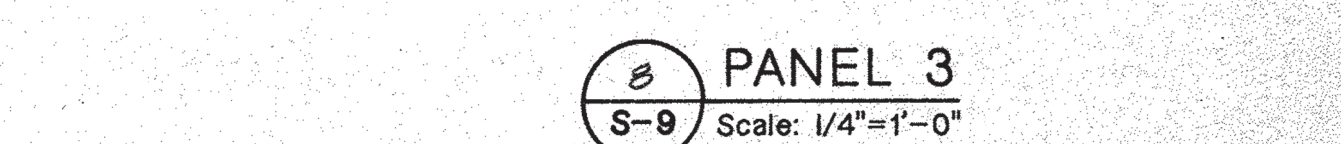
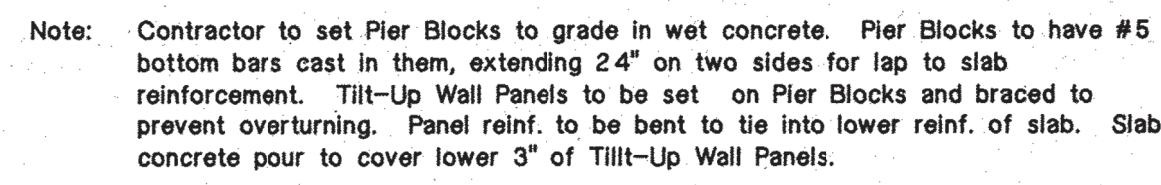
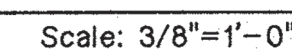
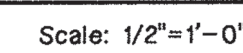
Date: 04/15/22

Project Number: 19-031

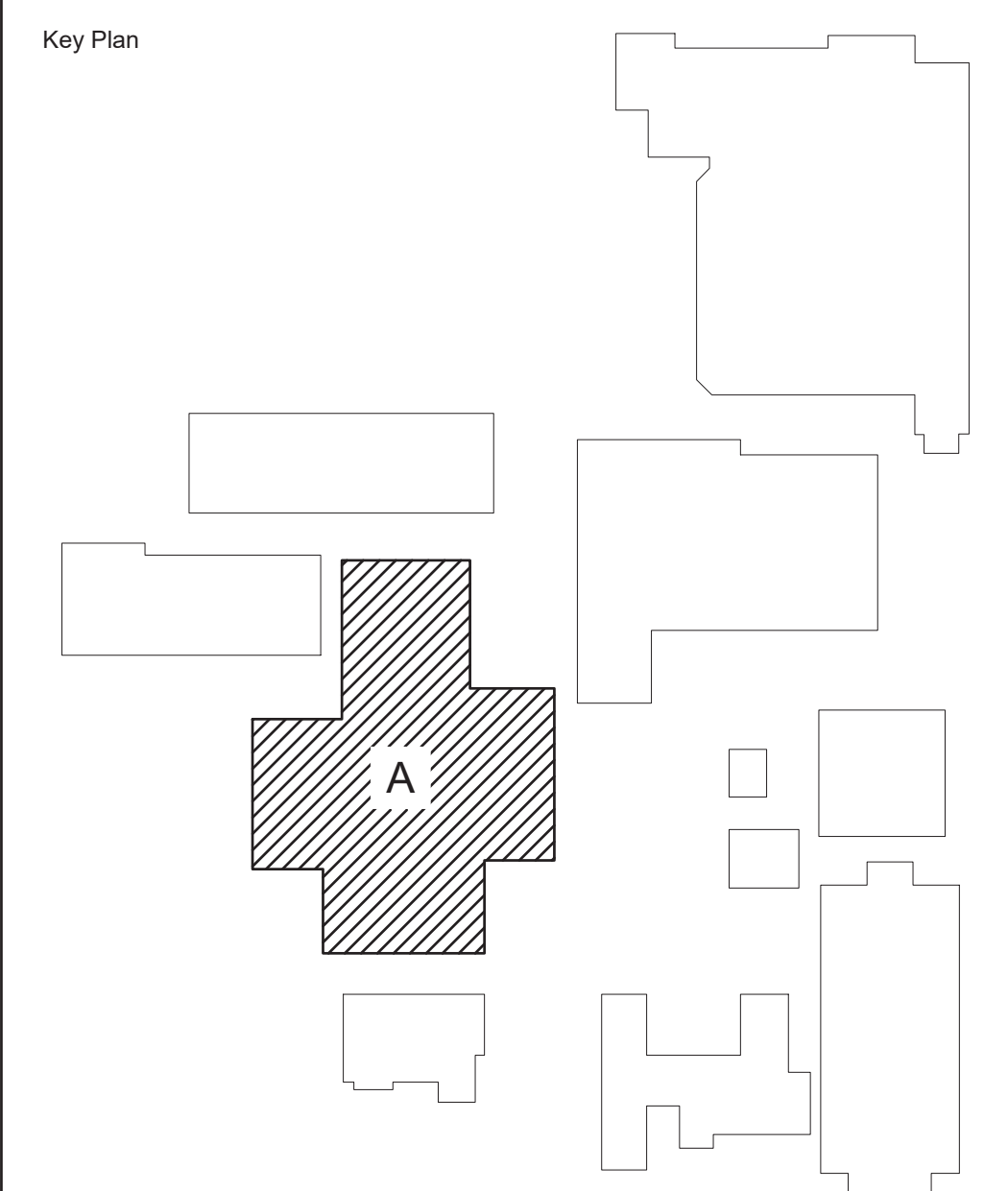
Drawing Title: BREEZEWAY DEMO PLAN

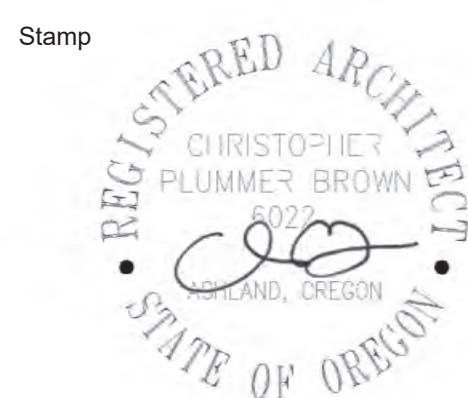
Sheet No: AD1.01





Tel. 503-772-5203





Ashland School District
Ashland High School Modernization
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Project

Consultant

Revisions		
No.	Description	Date

Date	04/15/22
Job No.	19-031
Drawn By	Author
Checked By	Checker

BID SET

Date
04/15/22

Project Number
19-031

Drawing Title

**ARCHITECTURAL
SITE PLAN**

Sheet No.

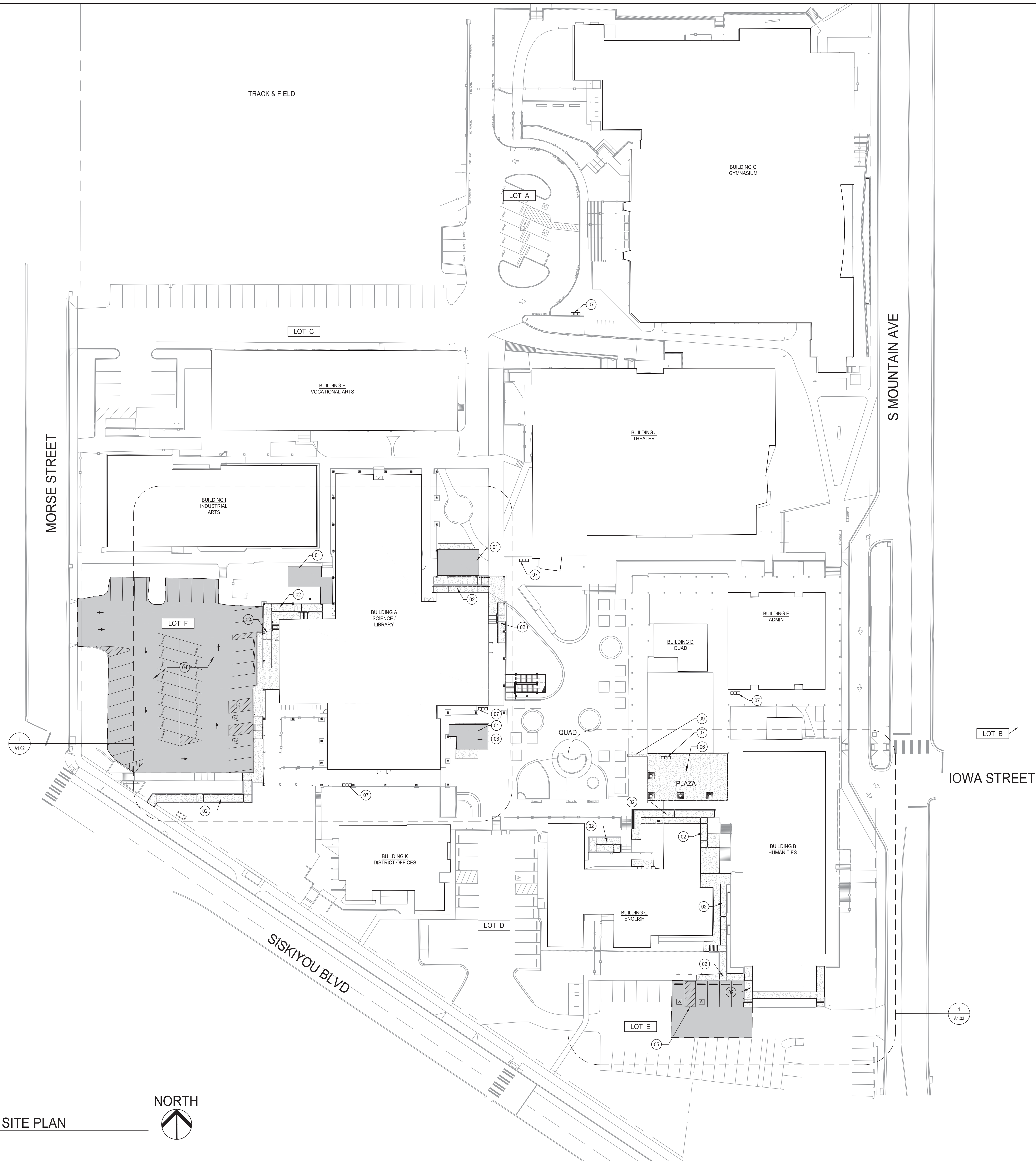
A1.01

1. SEE CIVIL DRAWINGS FOR ALL FINISHED GRADES, SITE DRAINAGE, AND SITE IMPROVEMENTS.
2. SEE CIVIL, ELECTRICAL, AND PLUMBING DRAWINGS FOR LOCATION AND ELEVATION OF ALL SITE CONNECTORS.
3. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR VARIATIONS FROM THE RECORD DRAWINGS.
4. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN, AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE OWNER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE APPROPRIATE CITY AND STATE REGULATION.
5. ALL PAVING, CONCRETE CURB, GUTTER AND SIDEWALK SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR ADDITIONAL HARDSCAPE APPLICATIONS.
6. CLEAR ALL MATERIALS SHOWN TO BE REMOVED FROM THE PROJECT SITE.
7. PROTECT AND MAINTAIN BENCHMARKS AND SURVEY CONTROL POINTS FROM DISTURBANCE DURING CONSTRUCTION.
8. MAINTAIN THE PROJECT SITE REMOVED TO ITS PRESERVE AS MUCH OF THE EXISTING PAVEMENT, CURB, GUTTER AND SIDEWALK AS POSSIBLE. PROTECT EXISTING SITE IMPROVEMENTS TO REMAIN FROM DAMAGE DURING CONSTRUCTION.
9. EXISTING UTILITY ACCESS SHALL BE MAINTAINED. NO WORK UNDER THIS PROJECT SHALL ALTER EXISTING FIRE ACCESS PATHWAYS.

01	(N) EXTERIOR METAL STAIRCASE, SEE AA1.01
02	(N) ADA RAMP, REF. CIVIL DWGS
03	(N) CONCRETE STAIRS, REF. CIVIL DWGS
04	REPAVED PARKING AREA, REF. CIVIL DWGS
05	(N) ADA PARKING STALLS, REF. CIVIL DWGS
06	(N) INFILLED PLAZA, REF. CIVIL DWGS
07	(N) TRASH AND RECYCLING BINS; SEE DETAILS 7/A1.11 AND 8/A1.11
08	(N) BICYCLE RACKS & SKATEBOARD LOCKERS
09	TERMINATE (E) WALKWAY CANOPY IN LINE WITH BUILDING WALL, FINISH TO MATCH EX.

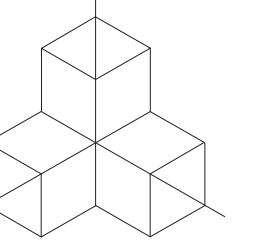
EXISTING BUILDING

AREA OF NEW CONSTRUCTION



1 ARCHITECTURAL SITE PLAN





Stamp



Ashland School District
Ashland High School Modernization
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Project

Consultant

Revisions

No.	Description	Date
-----	-------------	------

Date	04/15/22
------	----------

Job No.	19-031
---------	--------

Drawn By	Author
----------	--------

Checked By	Checker
------------	---------

BID SET

Date

04/15/22

Project Number

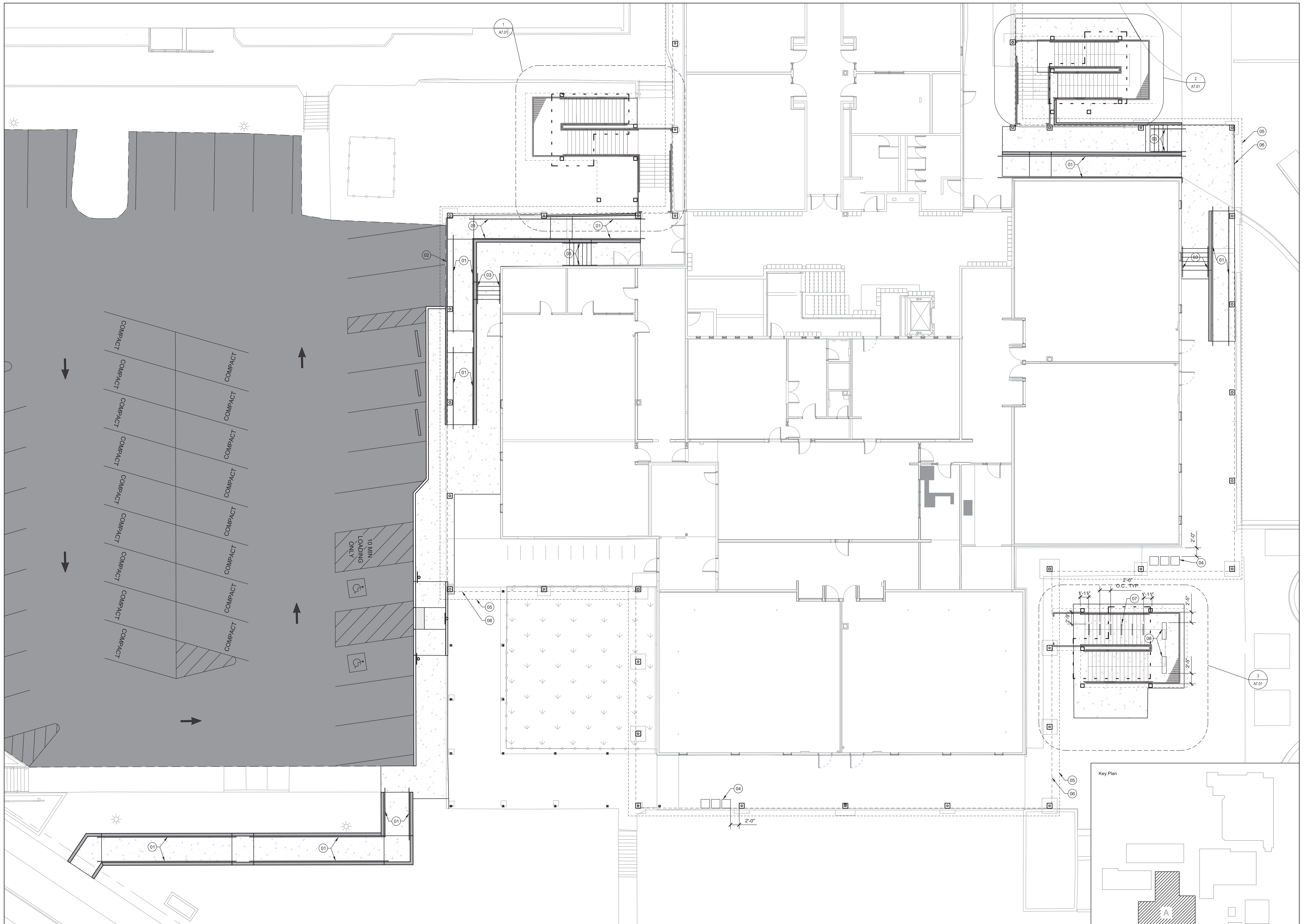
19-031

Drawing Title

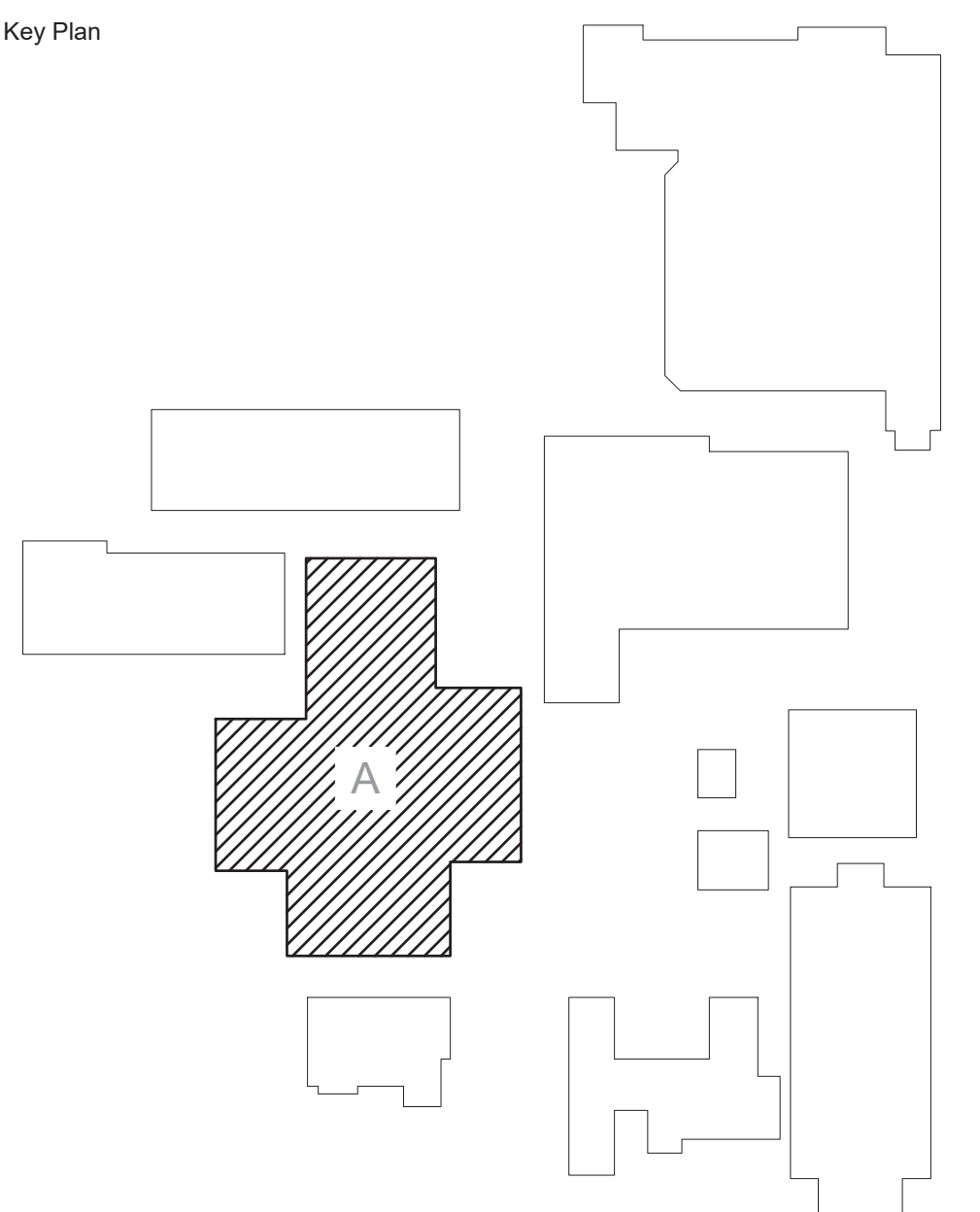
ENLARGED SITE PLAN
PLAN - WEST

Sheet No.

A1.02



Key Plan



SHEET NOTES

1. ARCHITECTURAL SITE PLAN SHOWN FOR REFERENCE ONLY. REFER TO CIVIL AND LANDSCAPE DRAWINGS FOR SPECIFIC SITE INFORMATION.

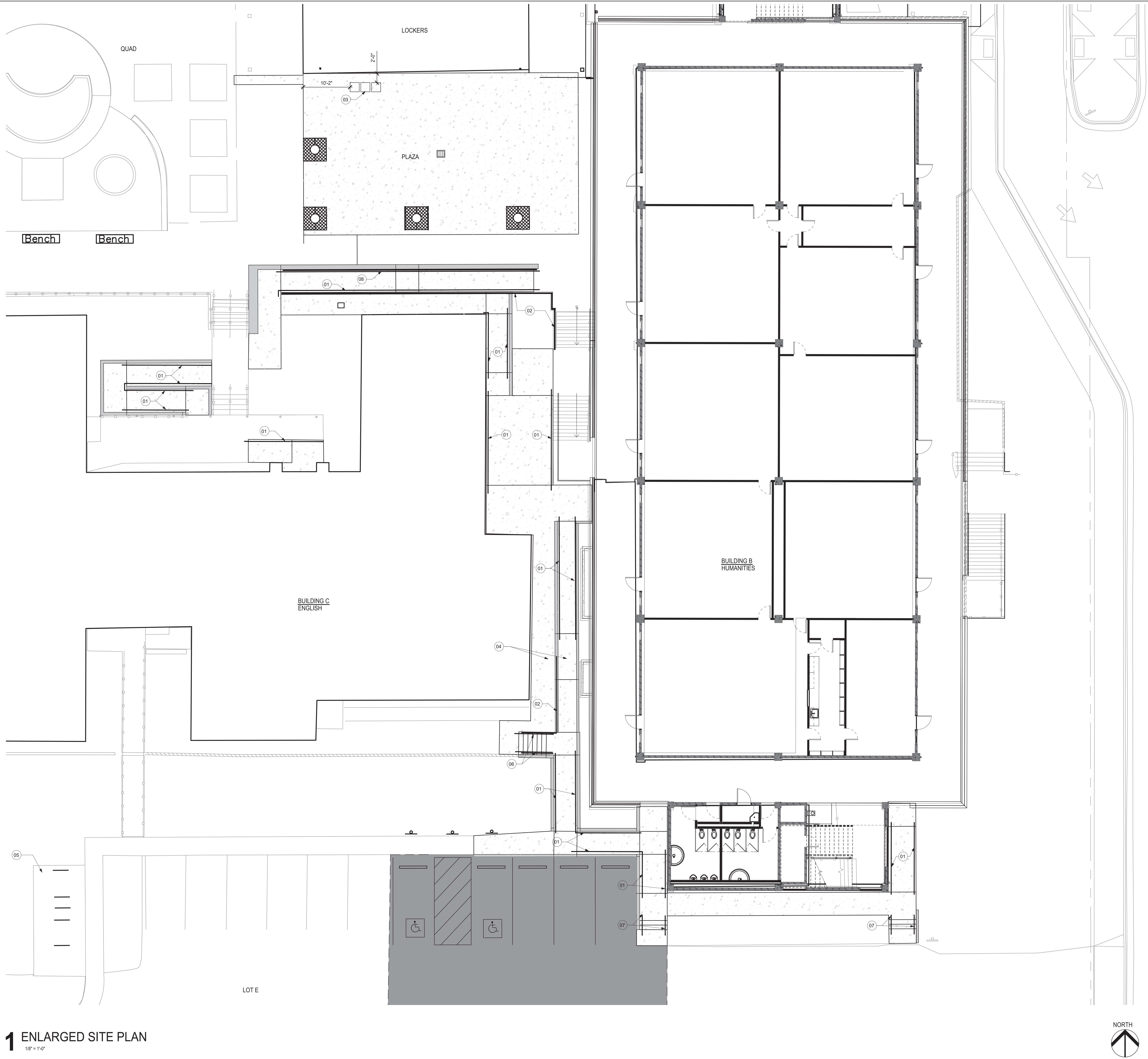
KEYNOTES

01	(N) MTL HANDRAIL AT SITE RAMP. SEE DETAIL 4/A1.11
02	(N) MTL GUARDRAIL. SEE DETAIL 6/A1.11
03	(N) MTL HANDRAIL AT SITE STAIR. SEE DETAIL 2/A1.11
04	(N) TRASH AND RECYCLING BINS. SEE DETAILS 7/A1.11 AND 8/A1.11
05	(E) OVERHEAD ROOF LINE
06	(E) OVERHEAD COUNSELING LEVEL FLOOR PERIMETER
07	(N) BICYCLE RACKS BENEATH STAIRCASE
08	(N) SKATEBOARD LOCKERS BENEATH STAIRCASE

1 ENLARGED SITE PLAN

1/8" = 1'-0"





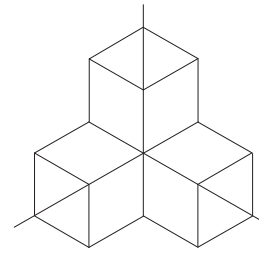
SHEET NOTES

1. ARCHITECTURAL SITE PLAN ELEMENTS SHOWN FOR REFERENCE UNLESS NOTED OTHERWISE. REFER TO CIVIL AND LANDSCAPE DRAWINGS FOR DETAILED SITE AND LAYOUT INFORMATION.

KEYNOTES

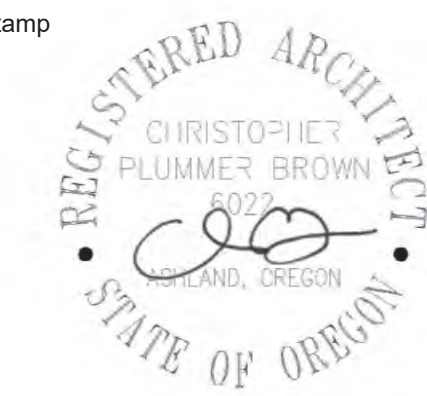
01	(N) MTL HANDRAIL AT SITE RAMP. SEE DETAIL 4/A1.11
02	(N) MTL GUARDRAIL. SEE DETAIL 6/A1.11
03	(N) TRASH AND RECYCLING BINS. SEE DETAILS 7/A1.11 AND 8/A1.11
04	NOT USED
05	(E) BIKE RACKS
06	(N) MTL GUARDRAIL W/ HANDRAIL AT SITE STAIR. SEE DETAIL 1/A1.11
07	(N) MTL HANDRAIL AT SITE STAIR. SEE DETAIL 2/A1.11
08	(N) MTL GUARDRAIL W/ HANDRAIL AT SITE RAMP. SEE DETAIL 3/A1.11

arkitek:
design and
architecture, llc



426 a street
ashland, or 97520
tel: 541.591.9988

Stamp



Ashland School District
Ashland High School Modernization
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Project

Consultant

Revisions

No.	Description	Date
-----	-------------	------

Date	04/15/22
Job No.	19-031
Drawn By	Author
Checked By	Checker

BID SET

Date	04/15/22
Project Number	19-031

Drawing Title
ENLARGED SITE PLAN - EAST

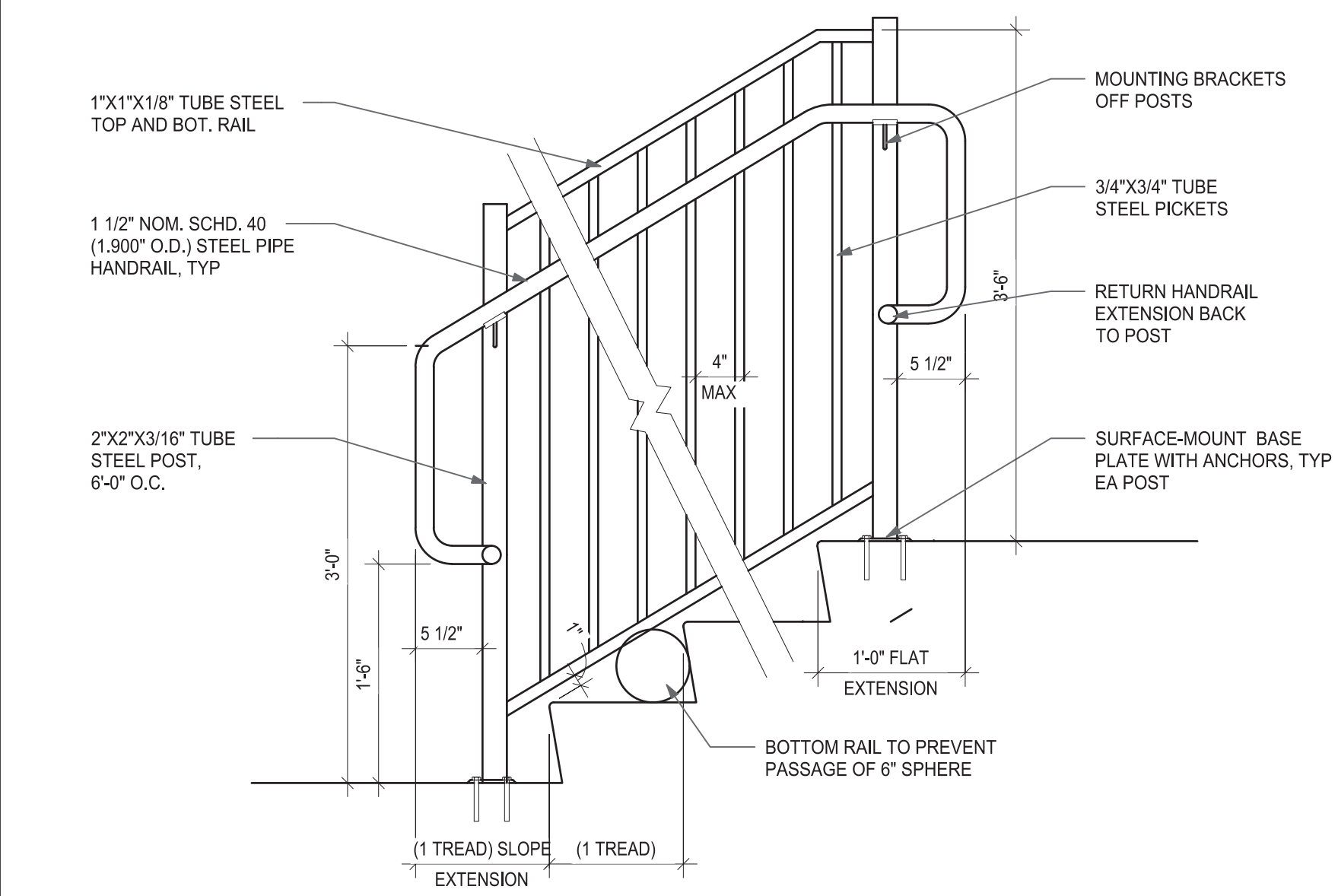
Sheet No

A1.03

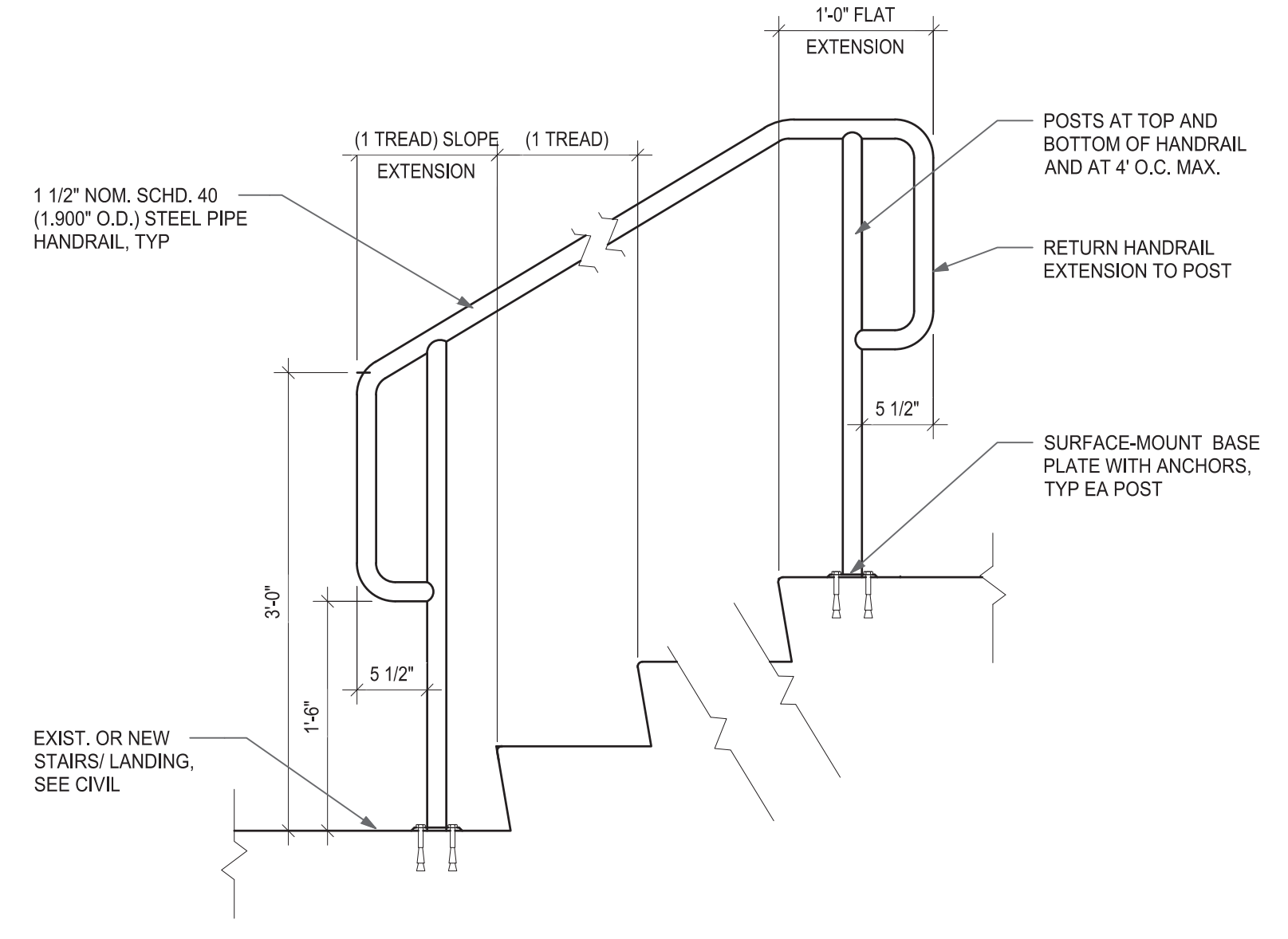
1 ENLARGED SITE PLAN

1/8" = 1'-0"

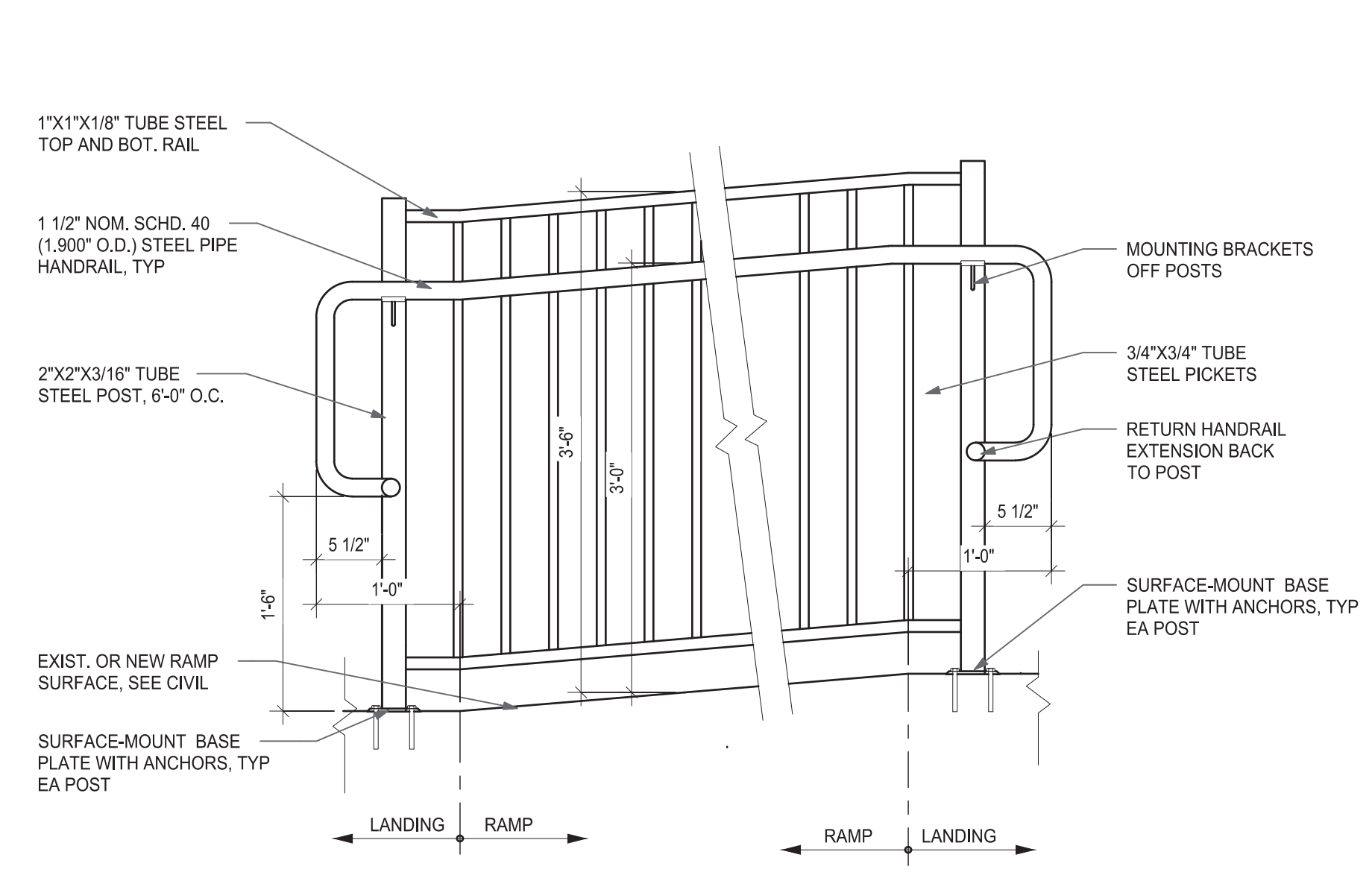
DATE: 04/15/22
FILE PATH:
copyright © 2018



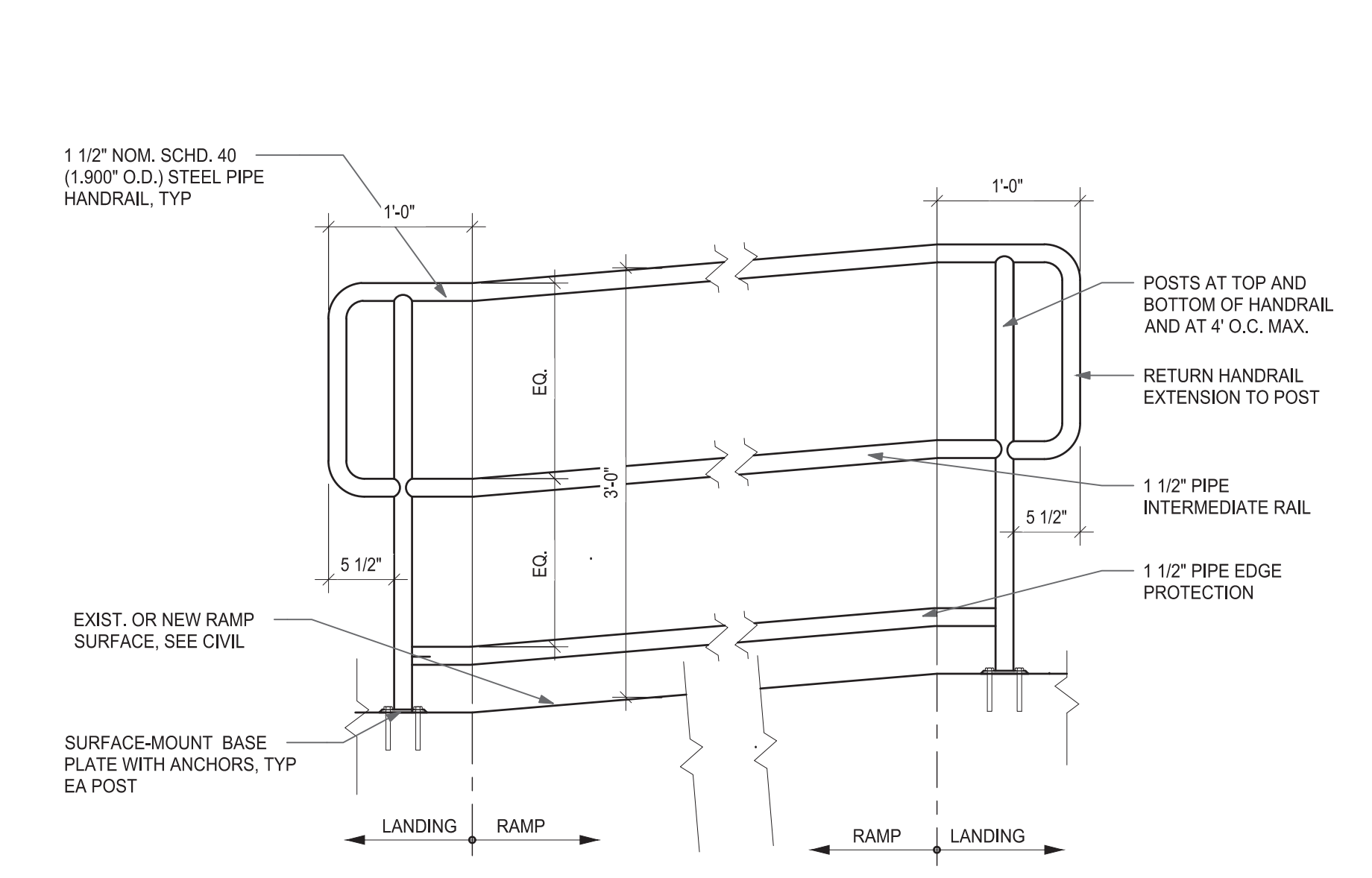
1 TYP. GUARDRAIL AT SITE STAIR
1" = 1'-0"



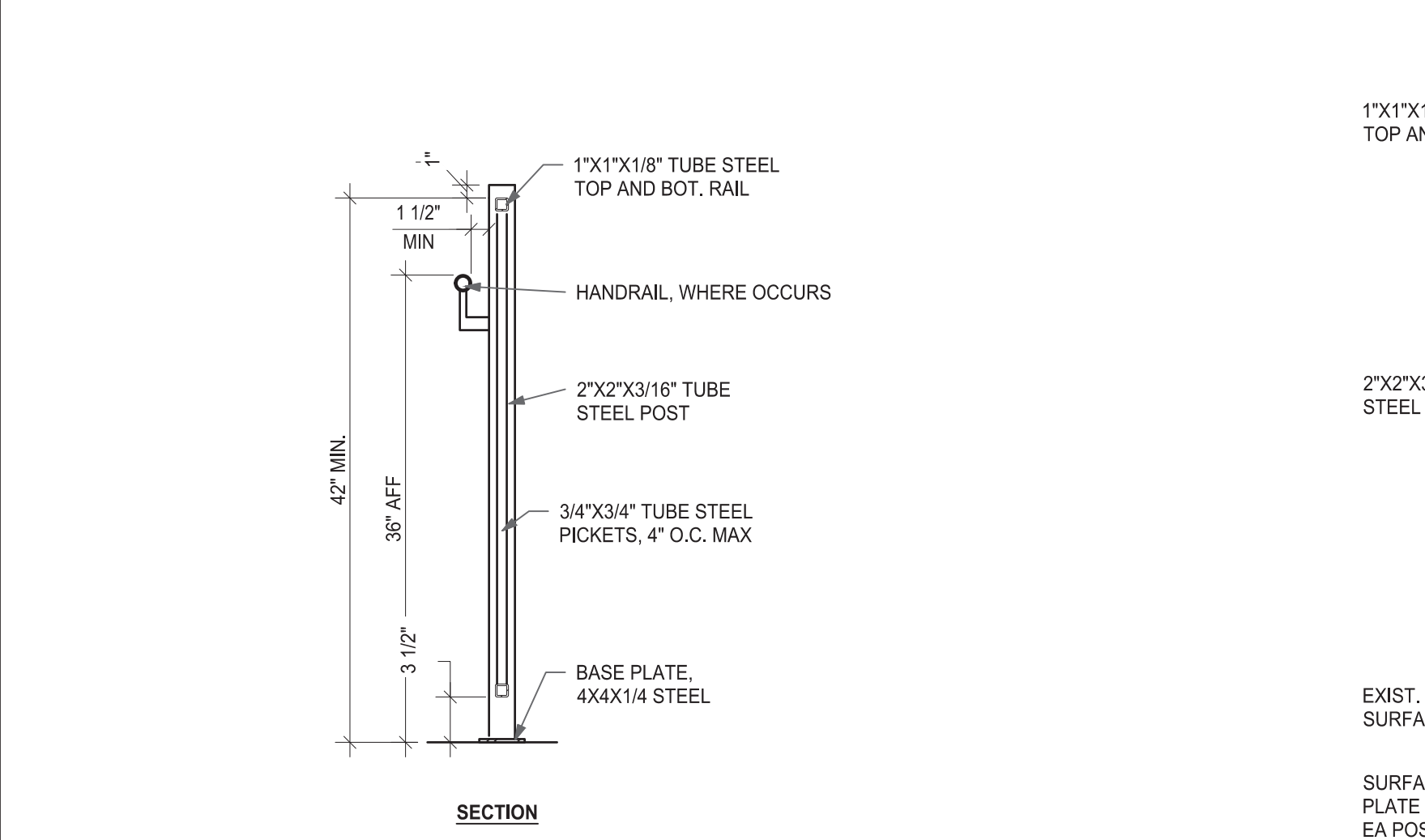
2 TYP. HANDRAIL AT SITE STAIR
1" = 1'-0"



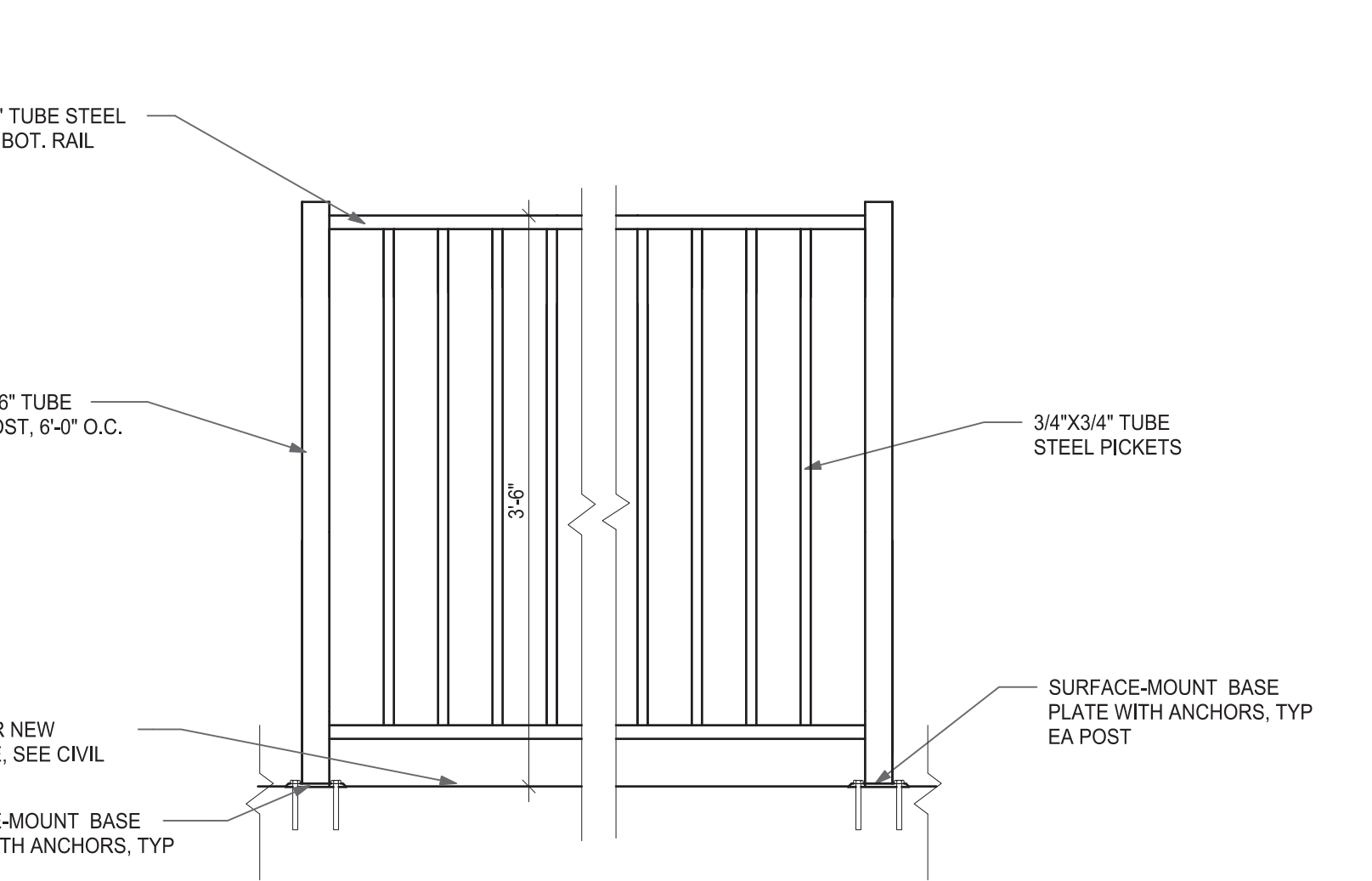
3 TYP. GUARDRAIL AT SITE RAMP
1" = 1'-0"



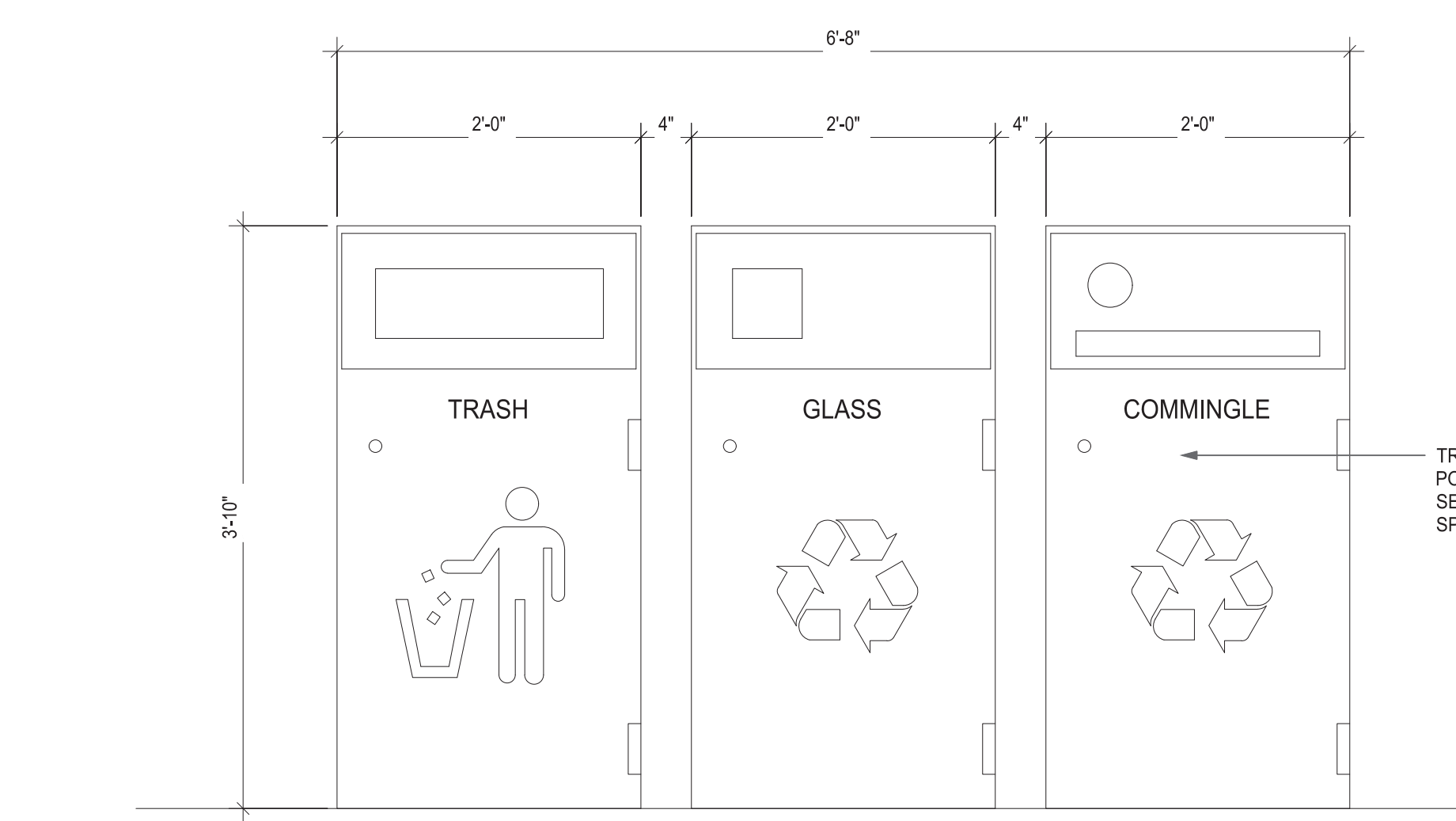
4 TYP. HANDRAIL AT SITE RAMP
1" = 1'-0"



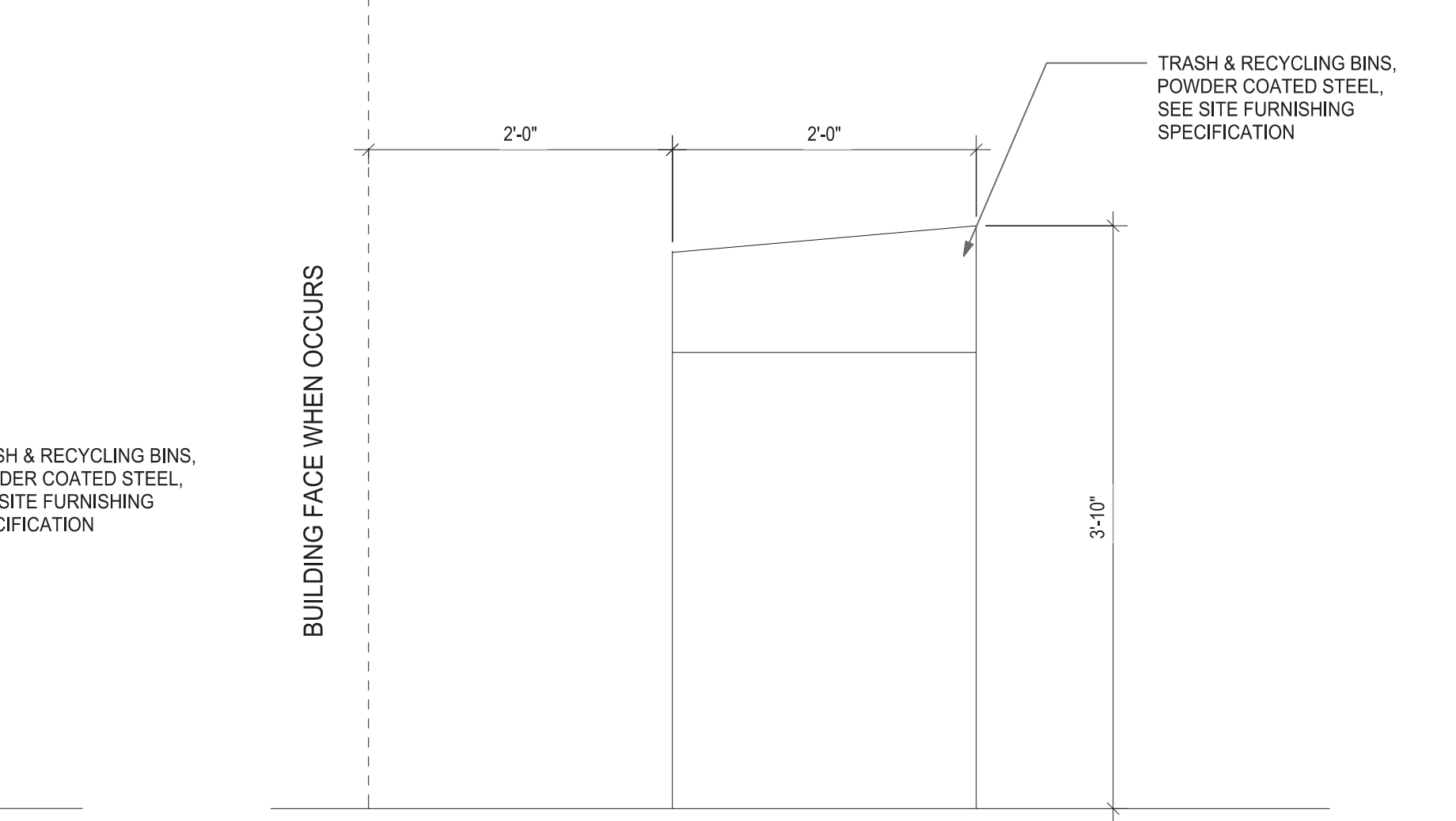
5 TYP. SITE GUARDRAIL SECTION
1" = 1'-0"



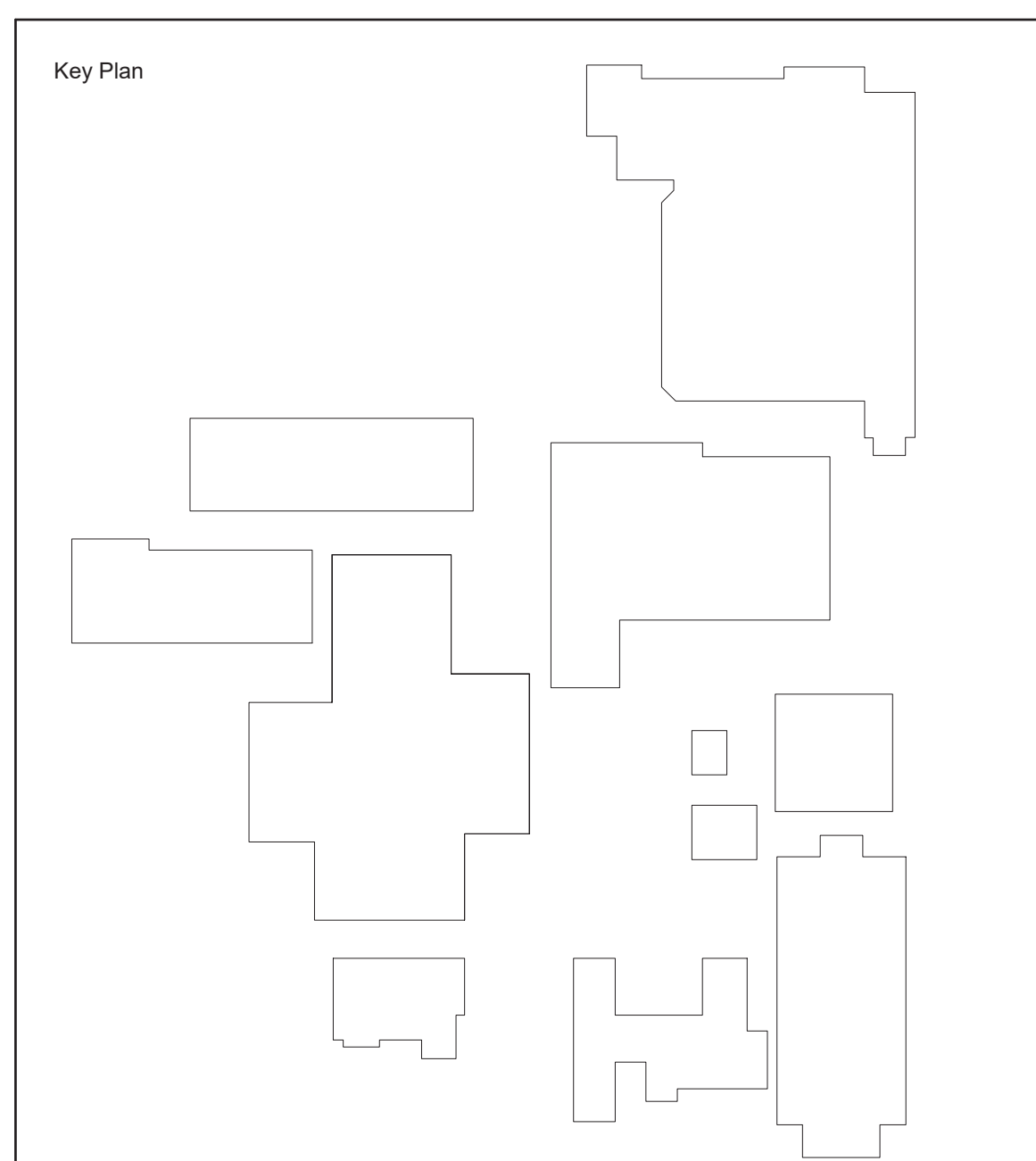
6 TYP. GUARDRAIL
1" = 1'-0"



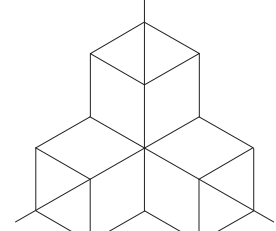
7 TRASH & RECYCLING - FRONT ELEVATION
1" = 1'-0"



8 TRASH & RECYCLING - SIDE ELEVATION
1" = 1'-0"




arkitek:
design and
architecture, llc




426 a street
ashland, or 97520
tel: 541.591.9988

Stamp



Project

Ashland School District
Ashland High School Modernization
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Consultant

Revisions

No.	Description	Date

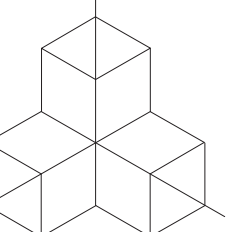
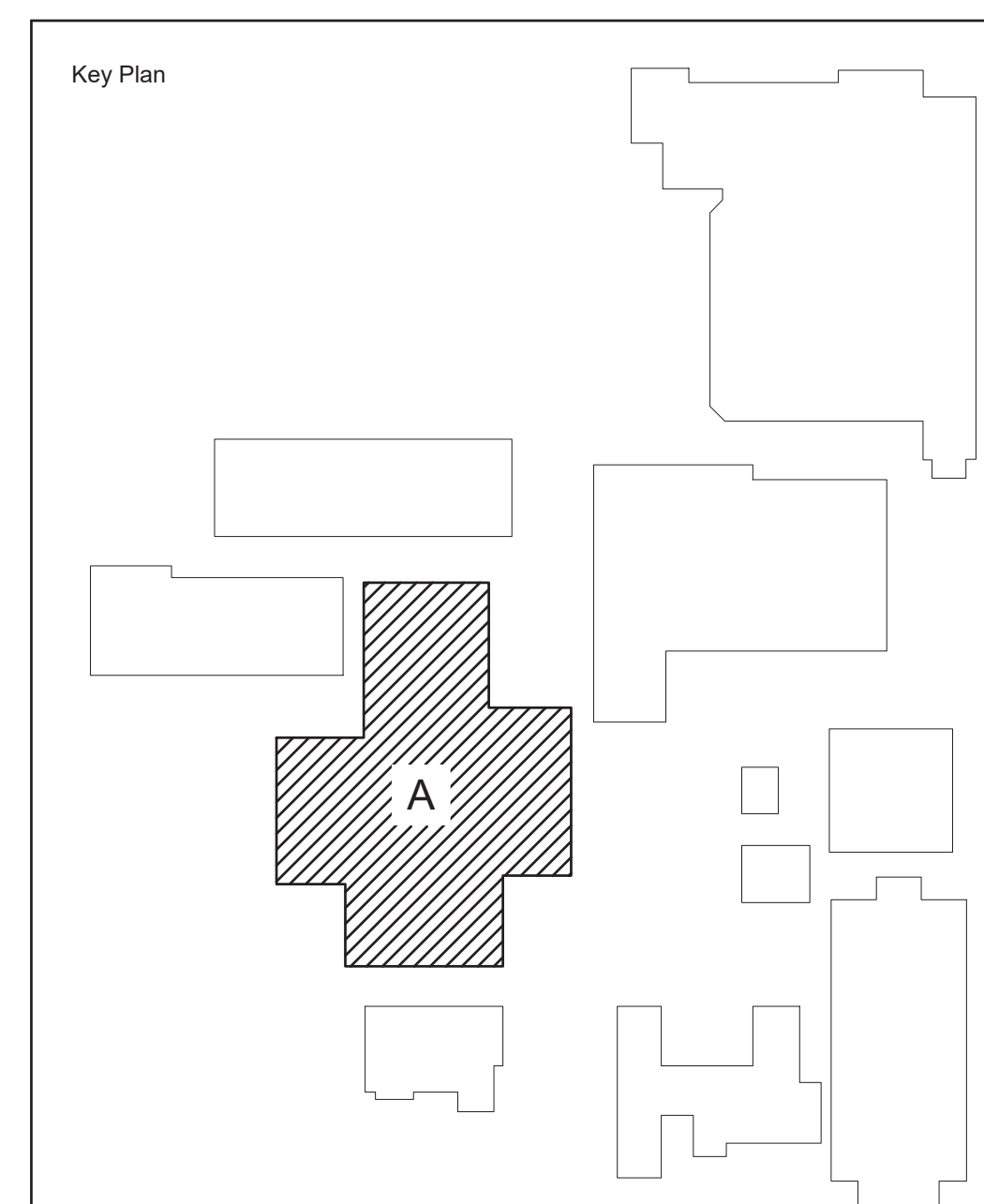
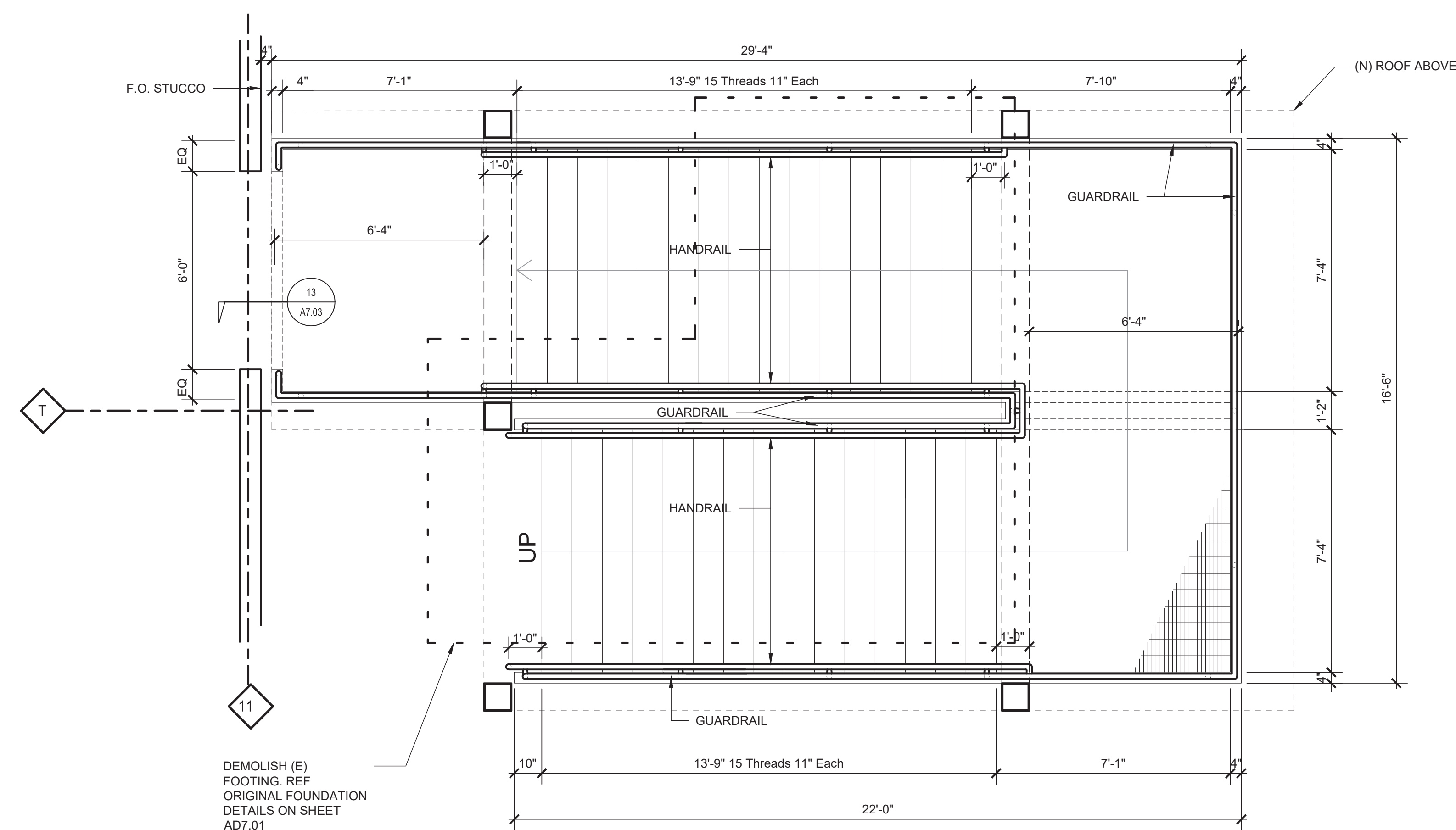
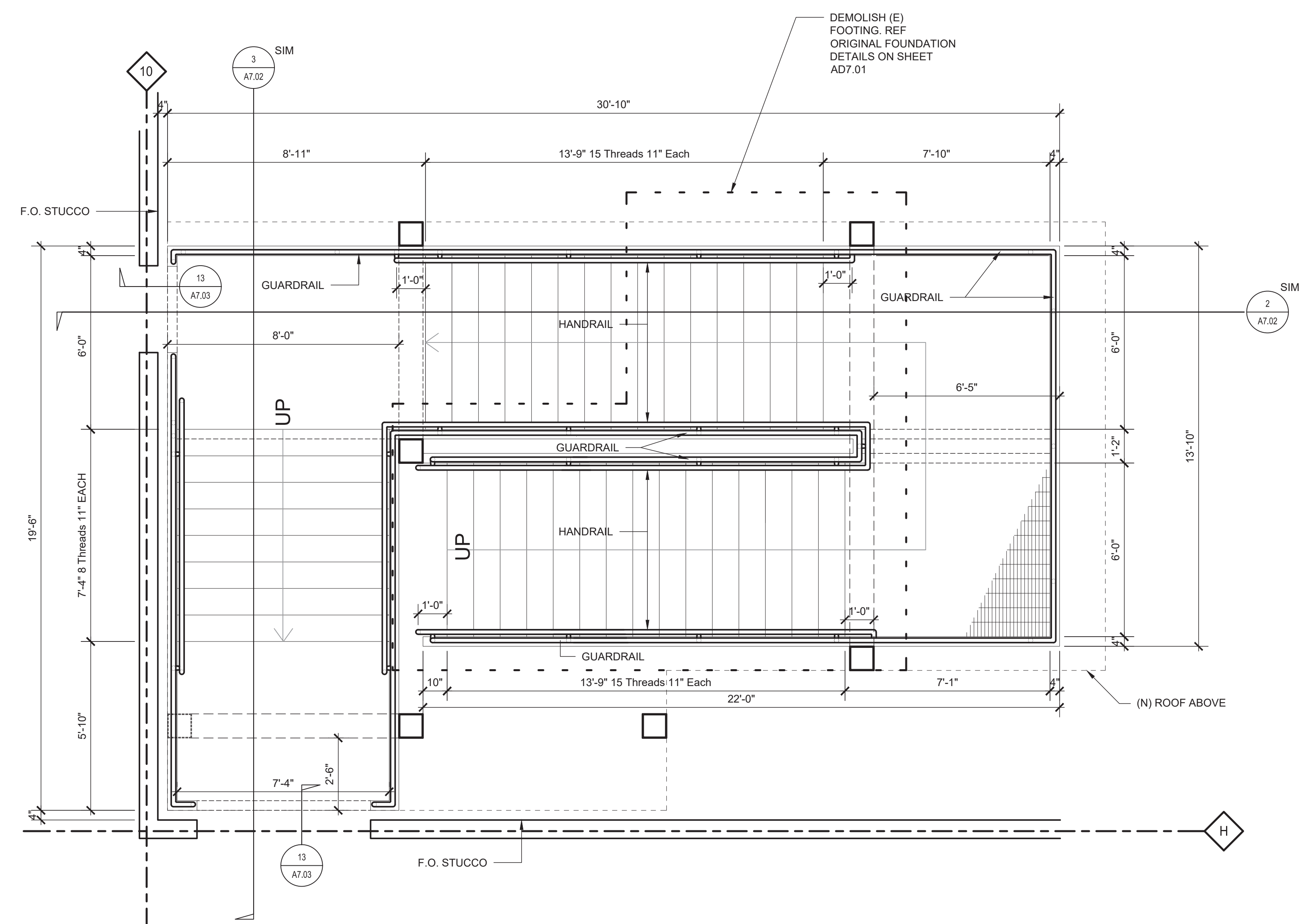
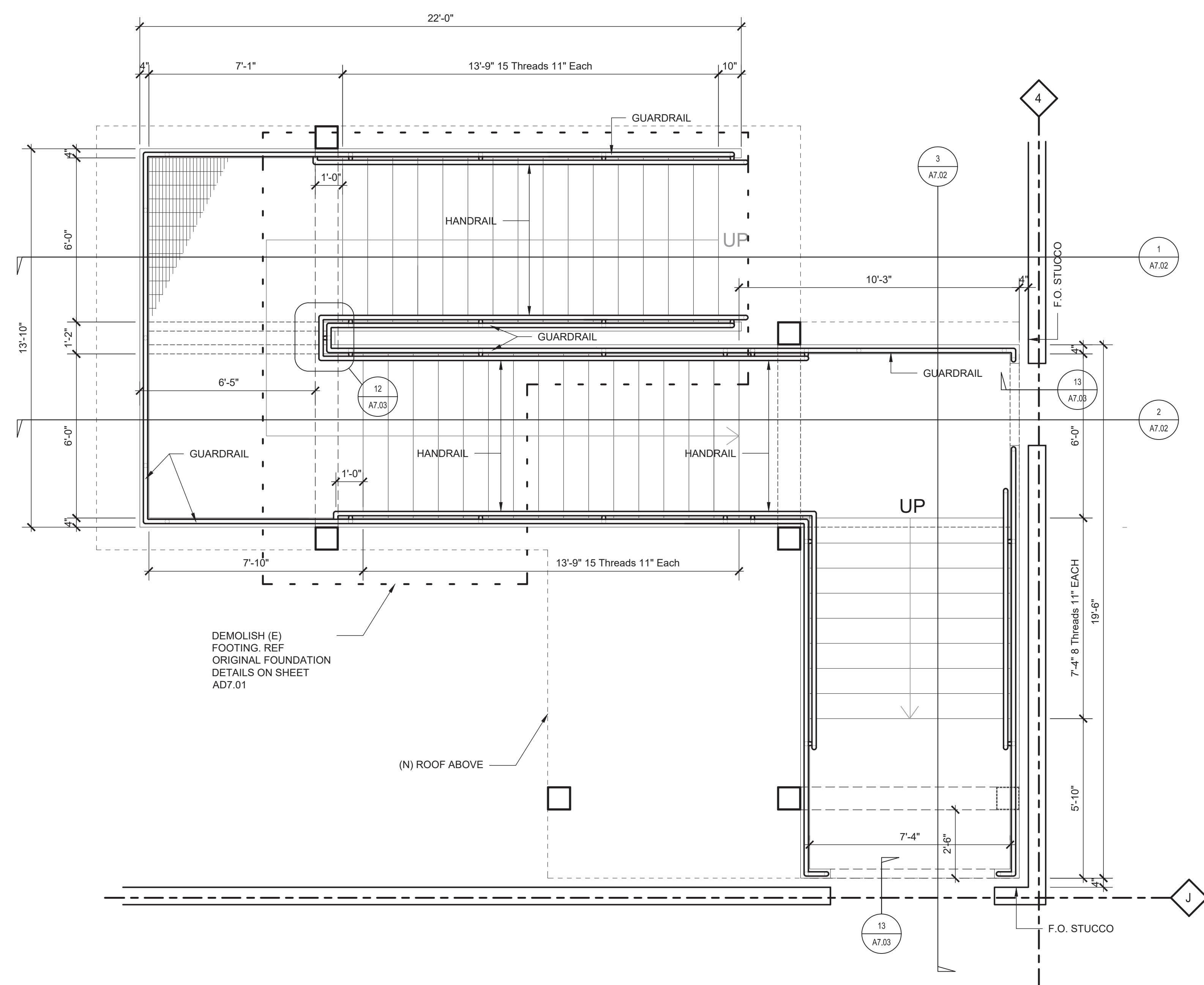
DATE: 04/15/22
FILED BY: JAH
copyright © 2018

Date04/15/22
Job No.19-031
Drawn ByAuthor
Checked ByChecker

BID SET

Date04/15/22
Project Number19-031
Drawing TitleSITE DETAILS

Sheet NoA1.11



426 a street
ashland, or 97520
el: 541.591.9988



Ashtland School District
Ashtland High School Modernization
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



2025

Consultant

Revisions

No.	Description	Date
-----	-------------	------

Date 04/15/22

Job No. 19-031

Drawn By _____ Author _____

Checked By _____ Checker _____

BID SET

ate

04/15/22

Project Number

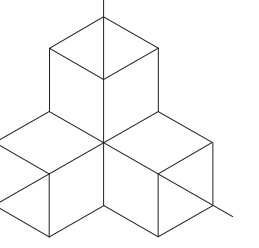
19-031

Drawing Title

**BLDG A -
NEW STL STAIRS
ENLARGED PLANS**

Sheet No

A7.01



Stamp



Ashland School District
Ashland High School Modernization
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Project

Consultant

Revisions

No.	Description	Date
-----	-------------	------

Date	04/15/22
Job No.	19-031
Drawn By	Author
Checked By	Checker

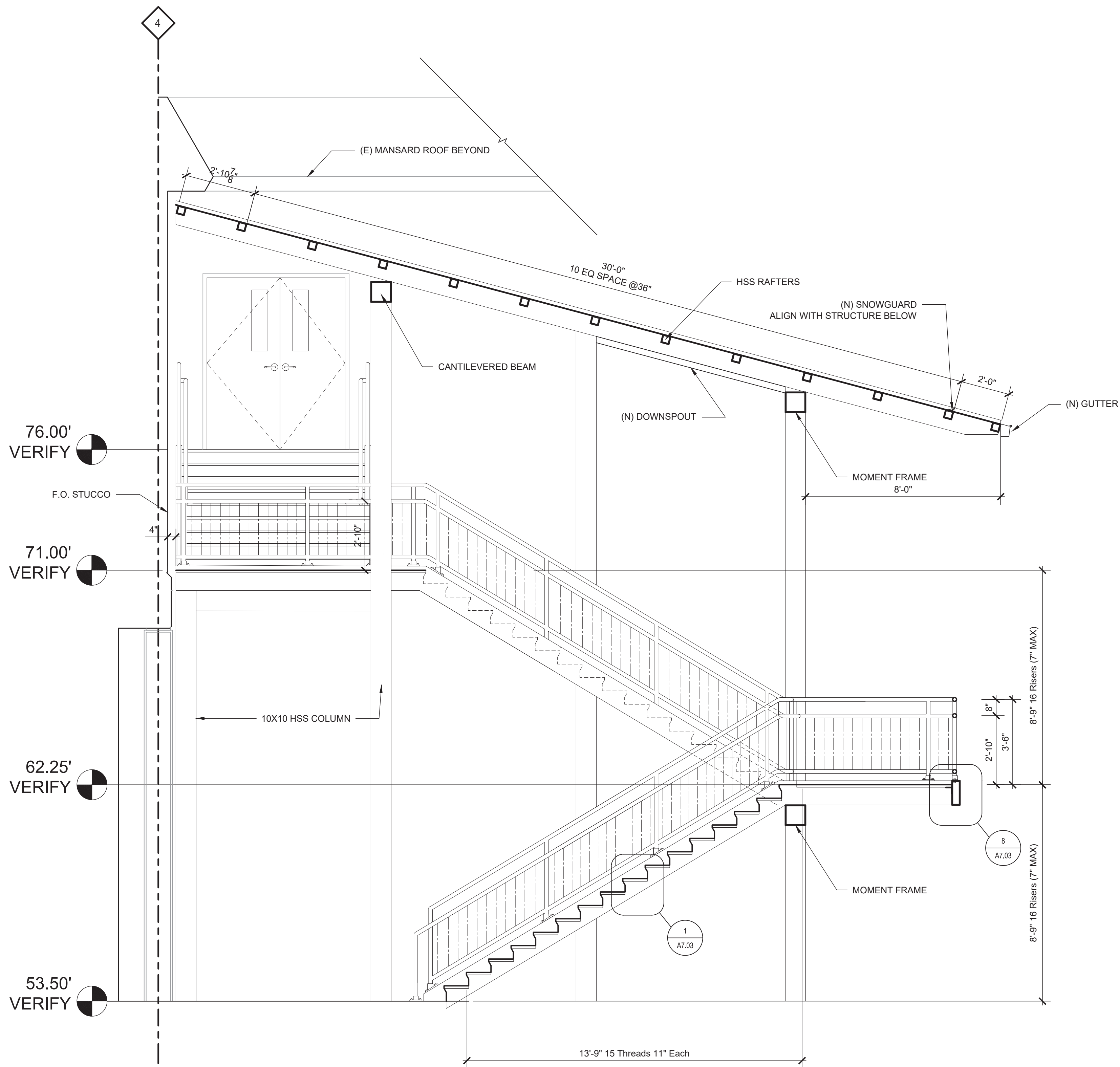
BID SET

Date	04/15/22
Project Number	19-031

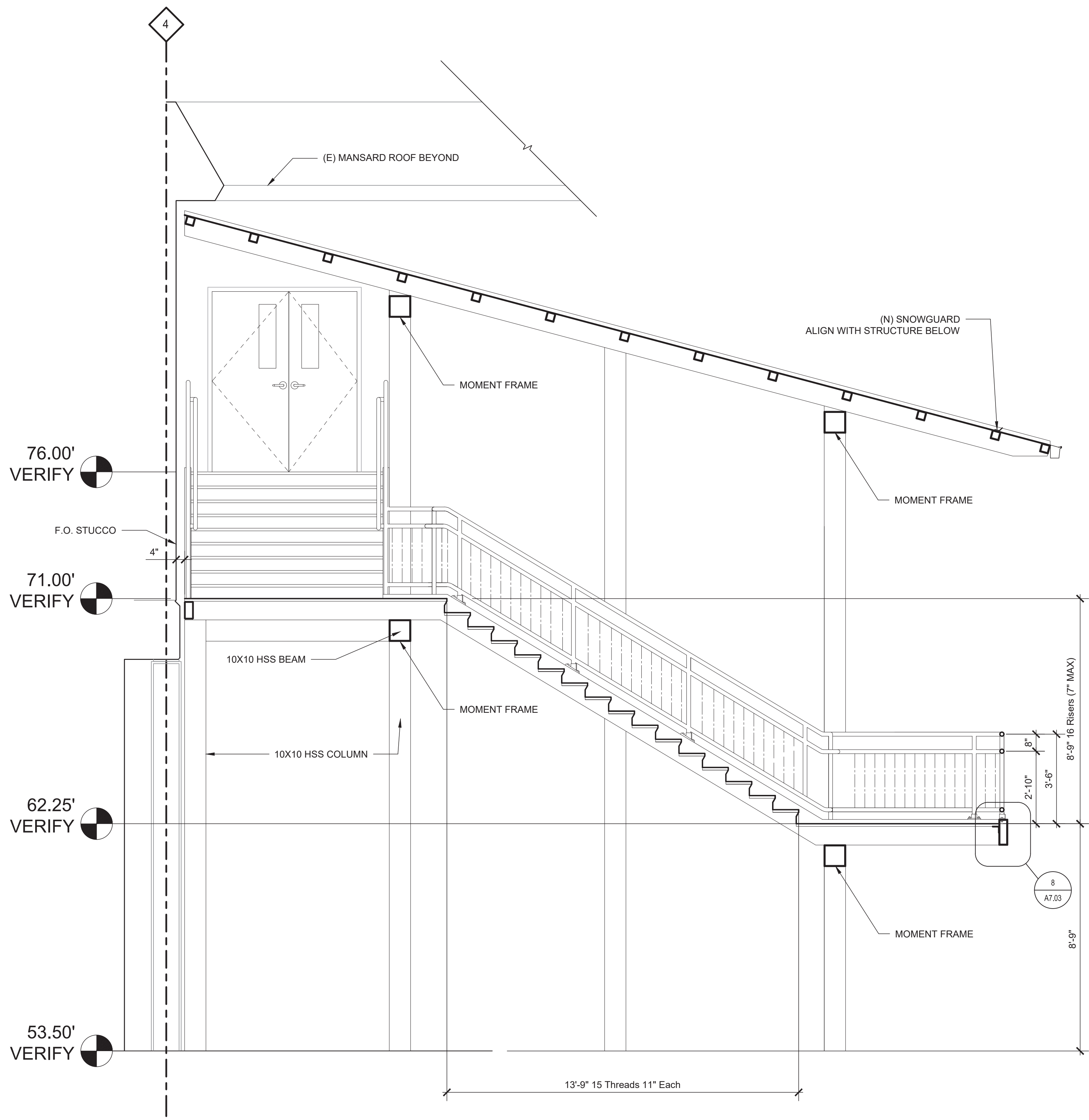
Drawing Title
**BLDG A -
NEW STL STAIRS
SECTIONS**

Sheet No

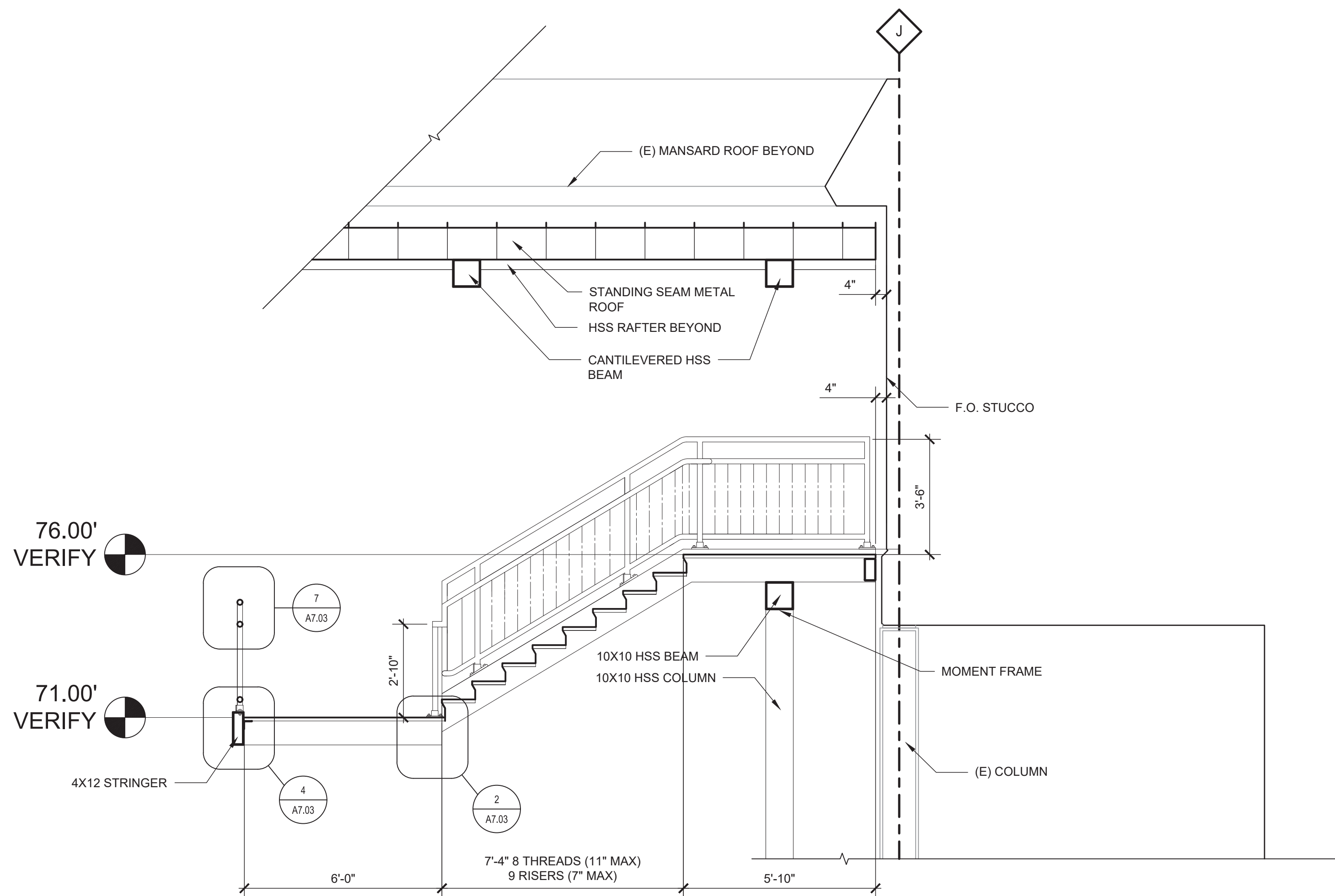
A7.02



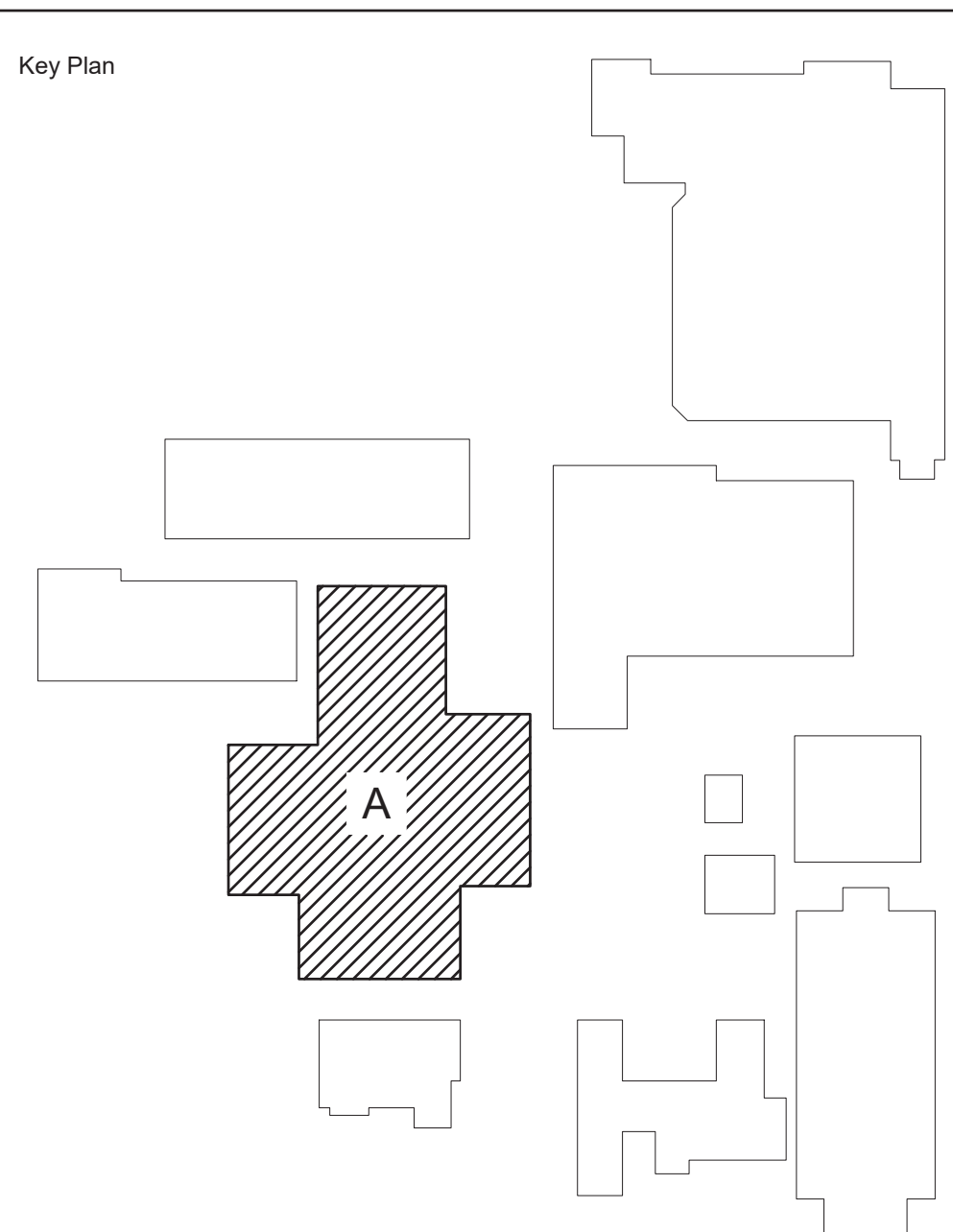
1 SECTION 1 - STAIR #1
3/8" = 1'-0"

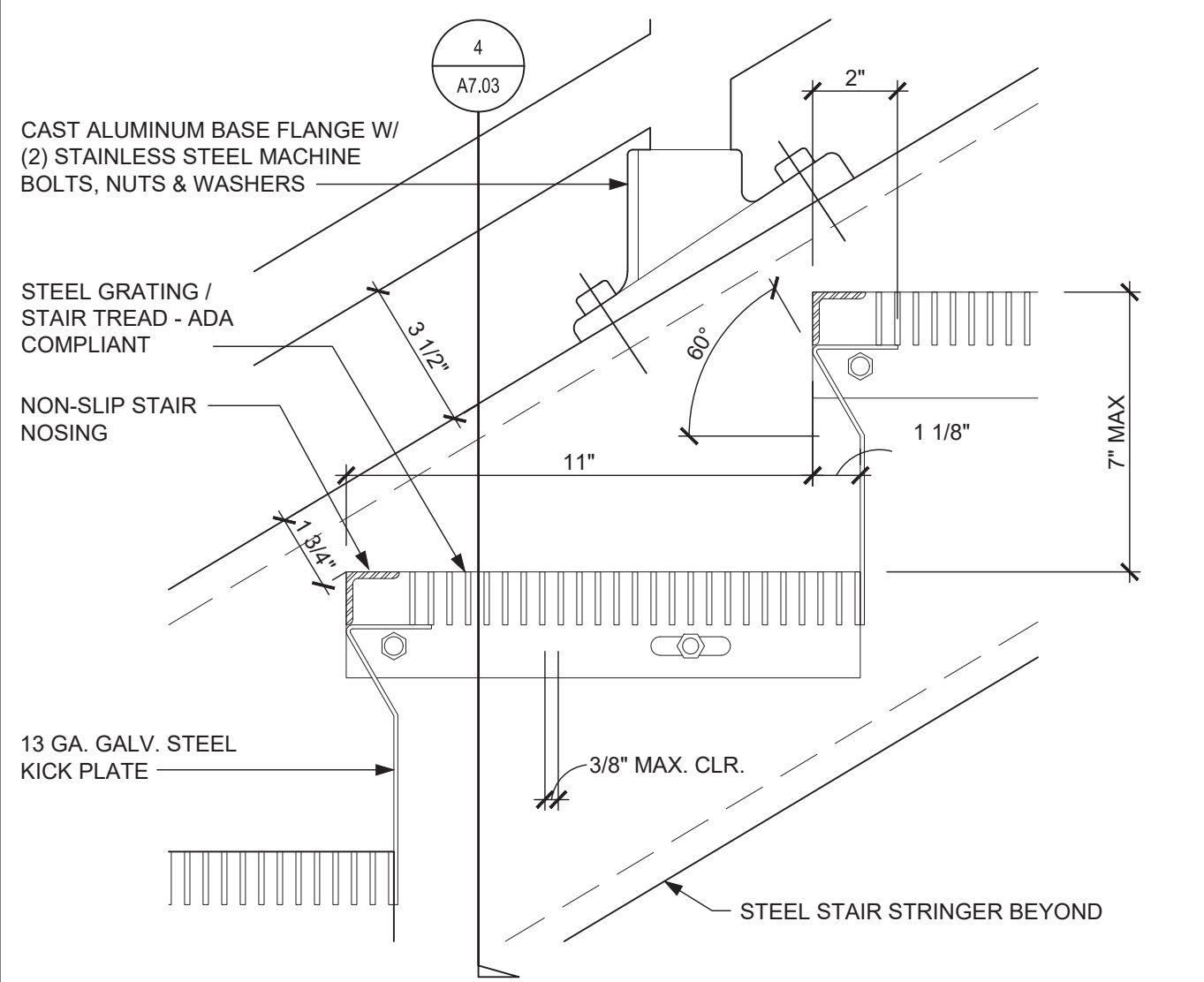


2 SECTION 2 - STAIR #1
3/8" = 1'-0"



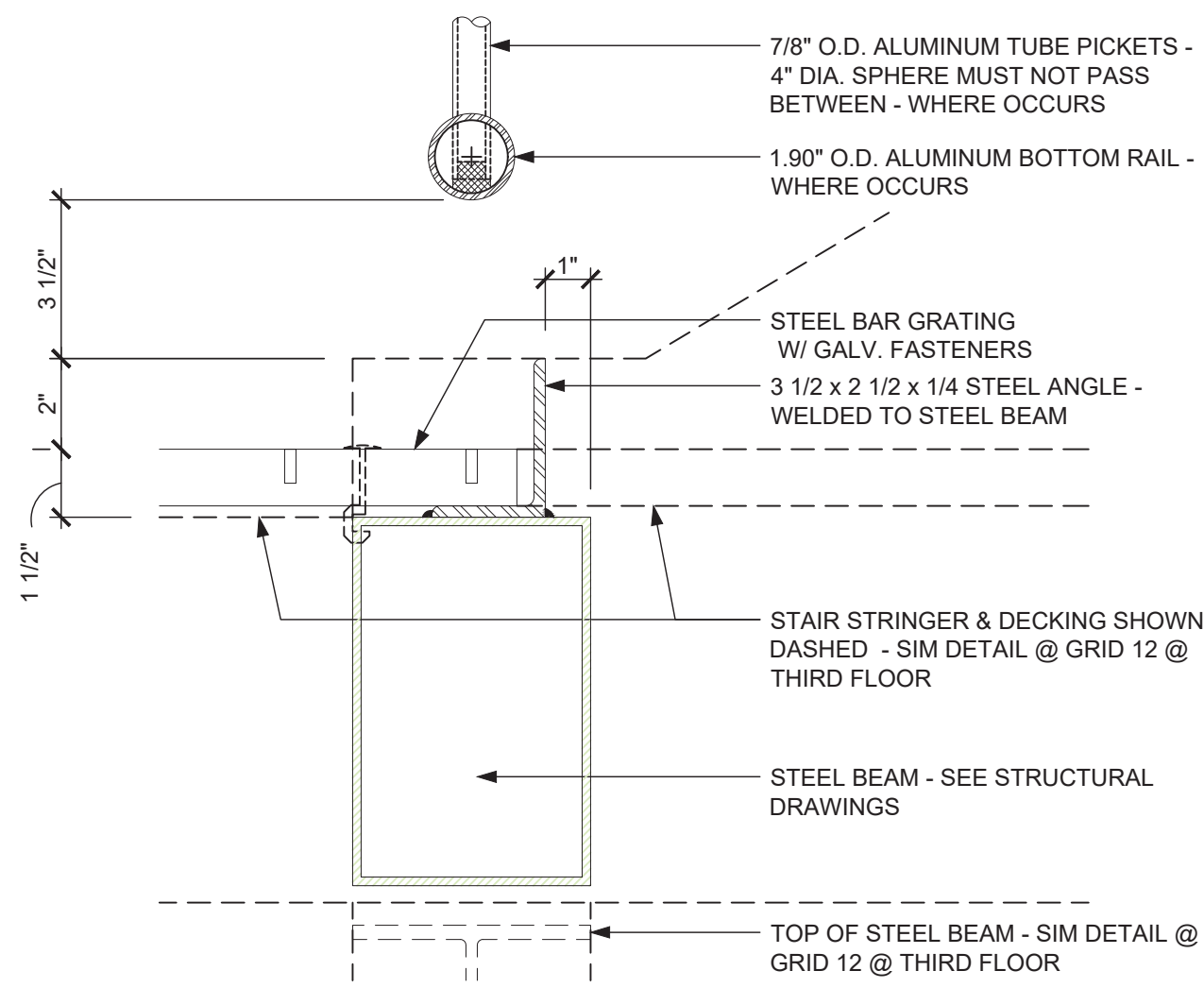
3 SECTION 3 - STAIR #1
3/8" = 1'-0"





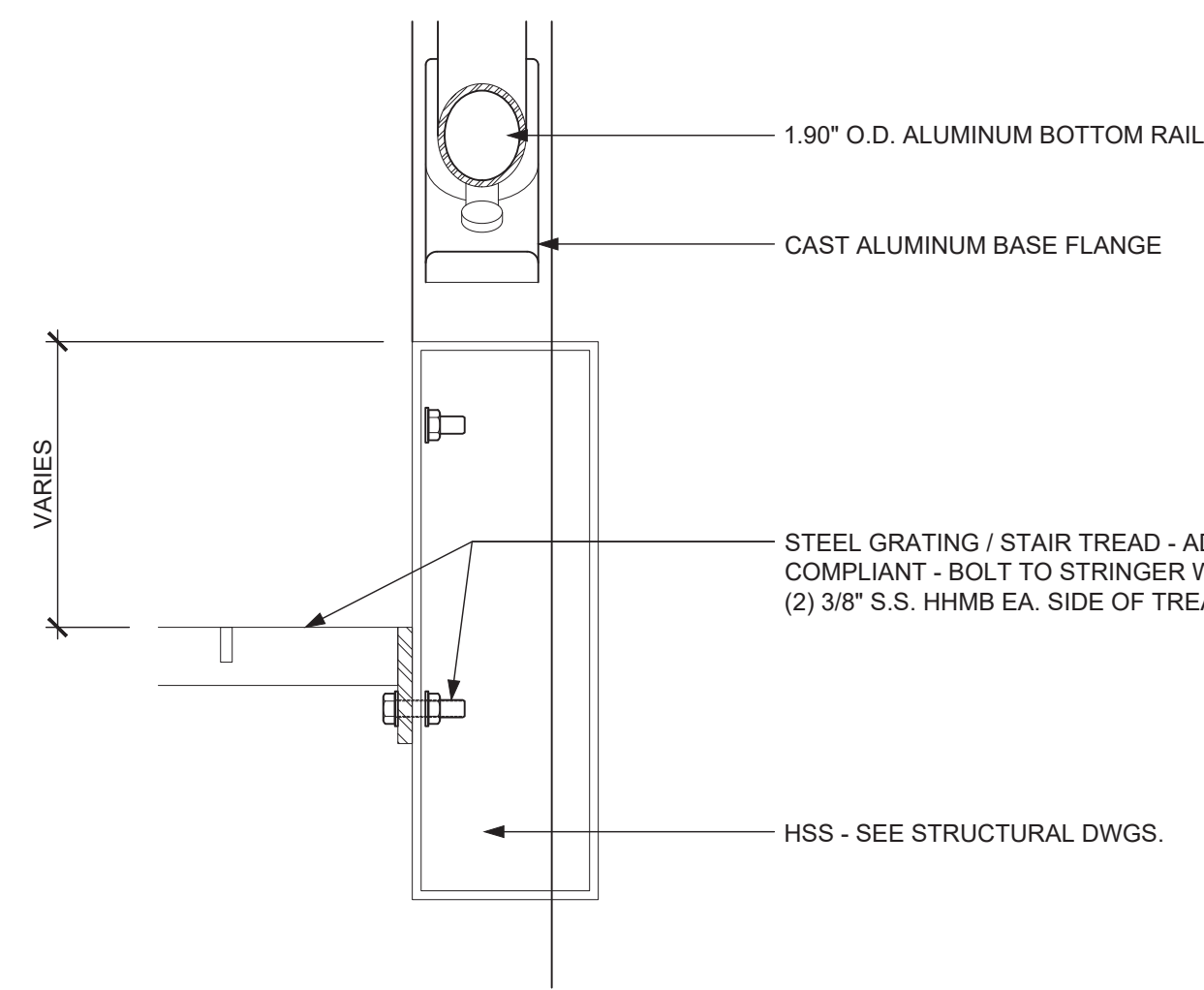
1 TYP EXTERIOR TREAD

3" = 1'-0"



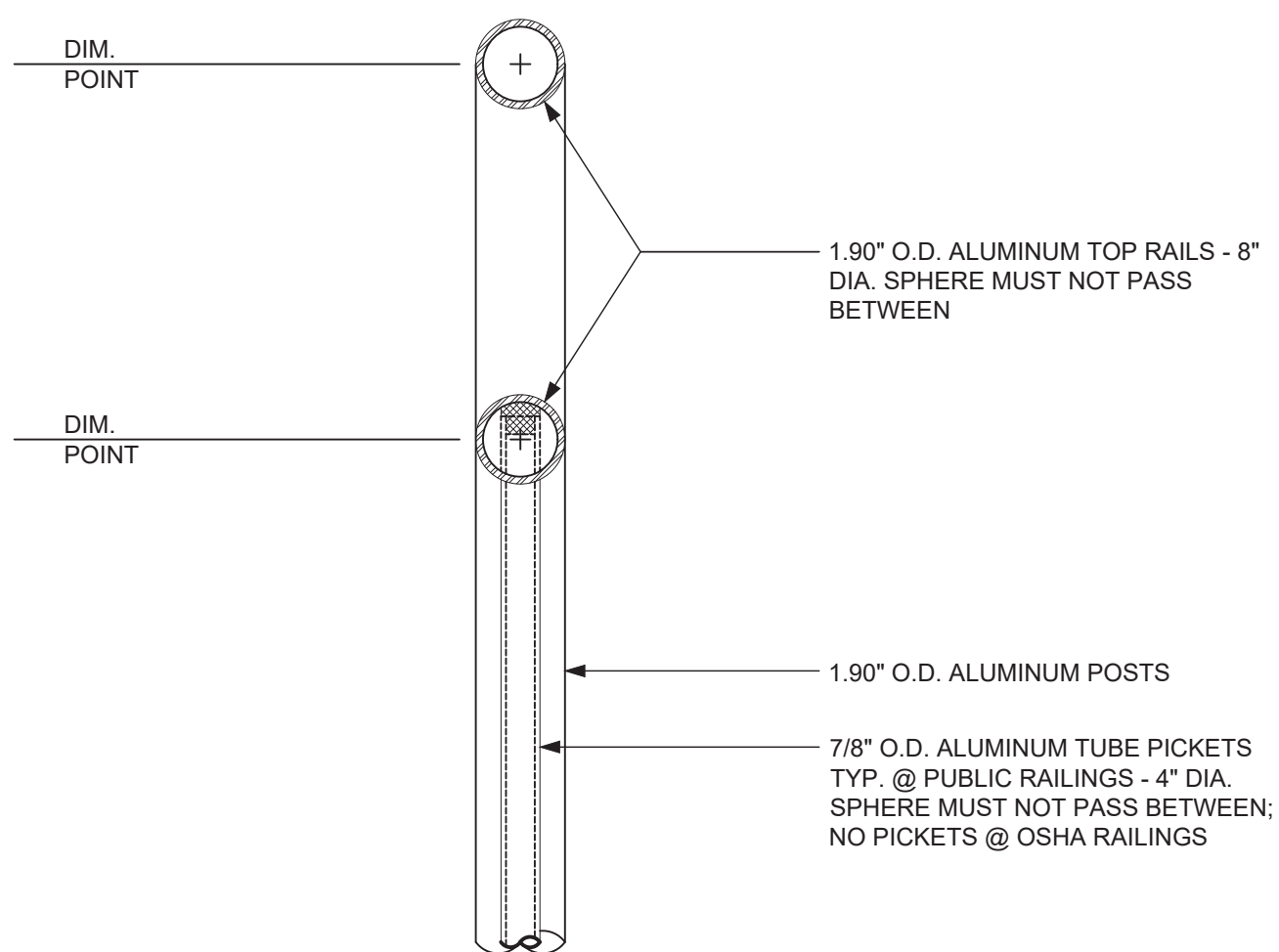
2 GUARDRAIL BASE @ LANDING

3" = 1'-0"



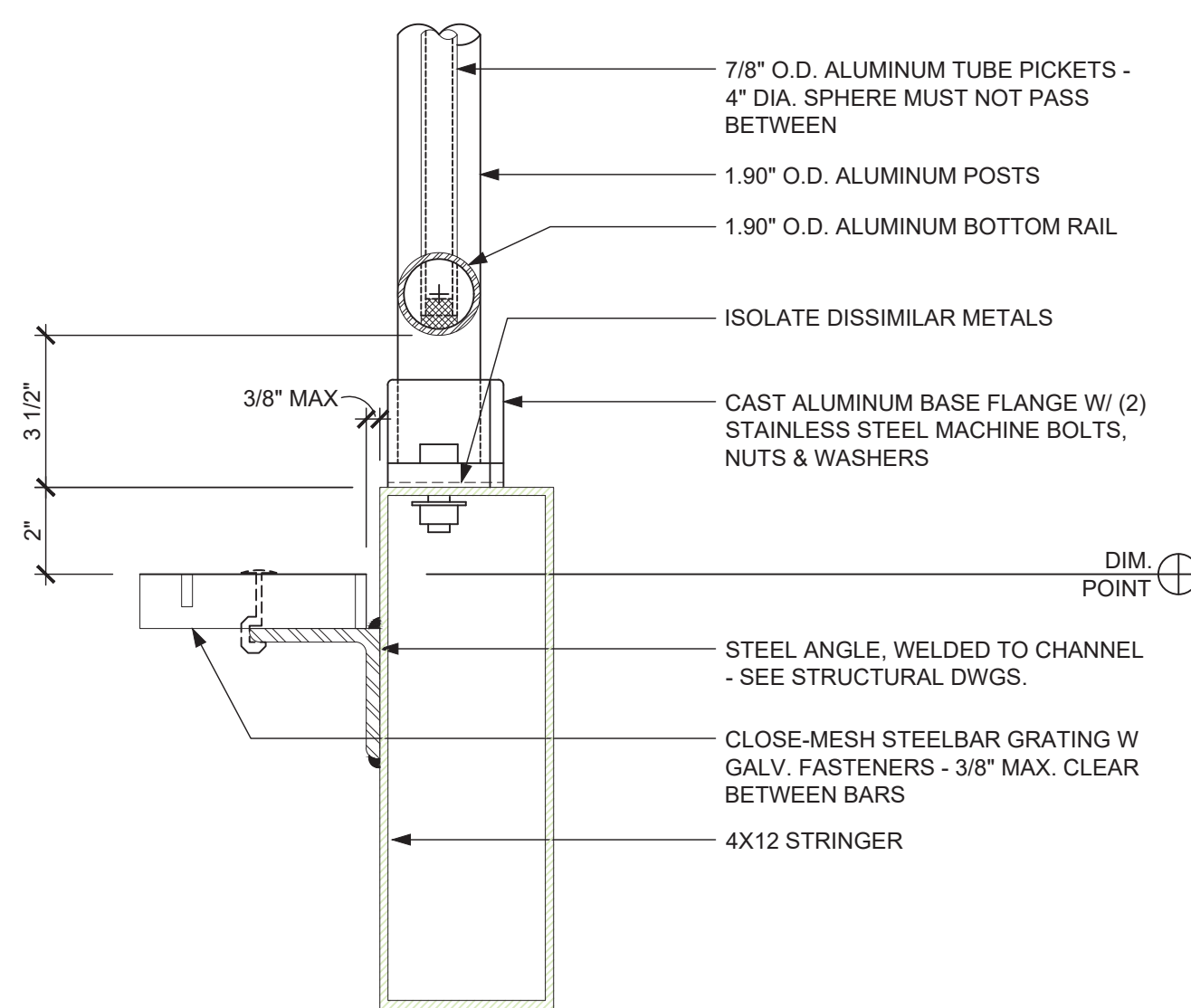
4 TYP STRINGER

3" = 1'-0"



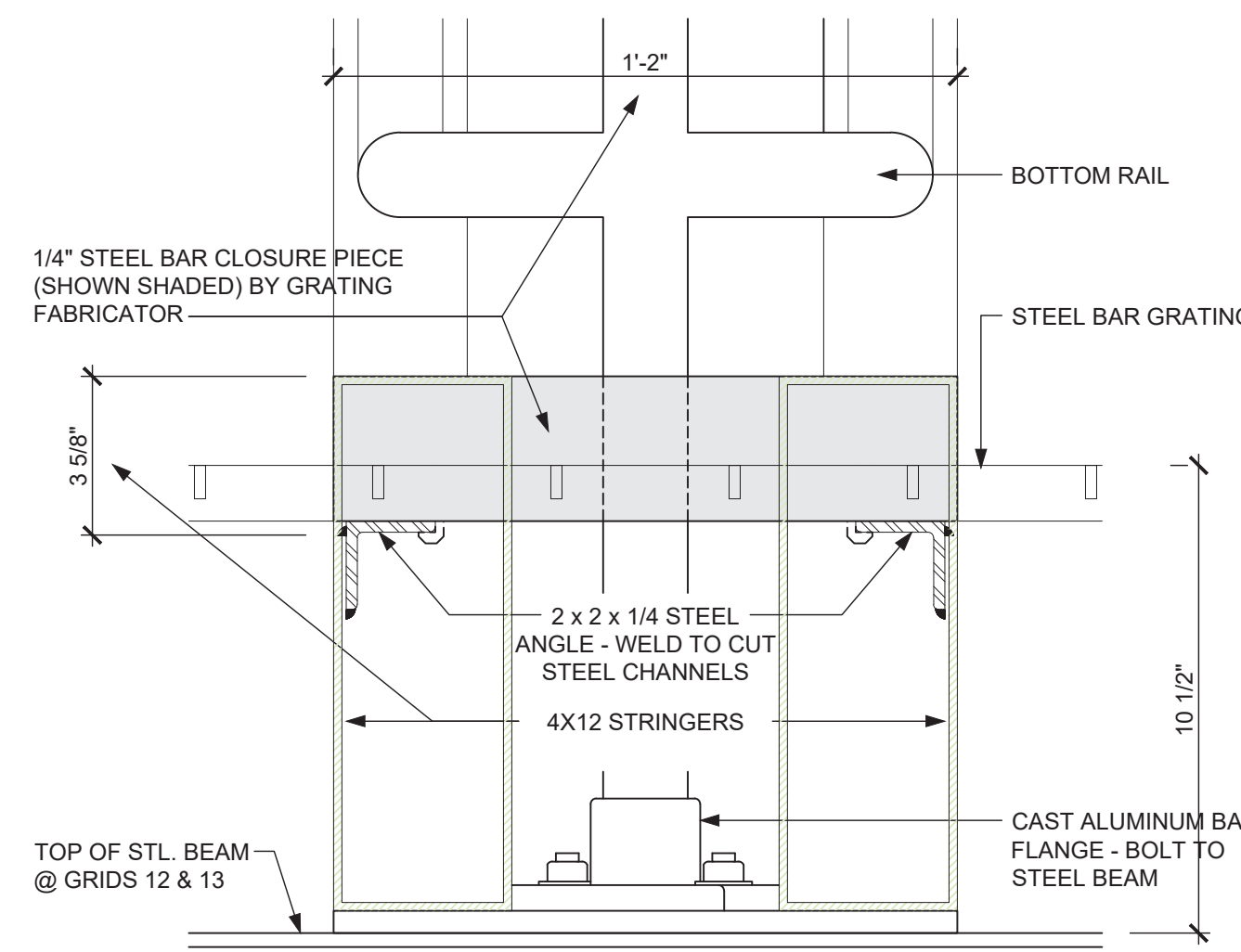
7 TYP GUARDRAIL @ TOP

3" = 1'-0"



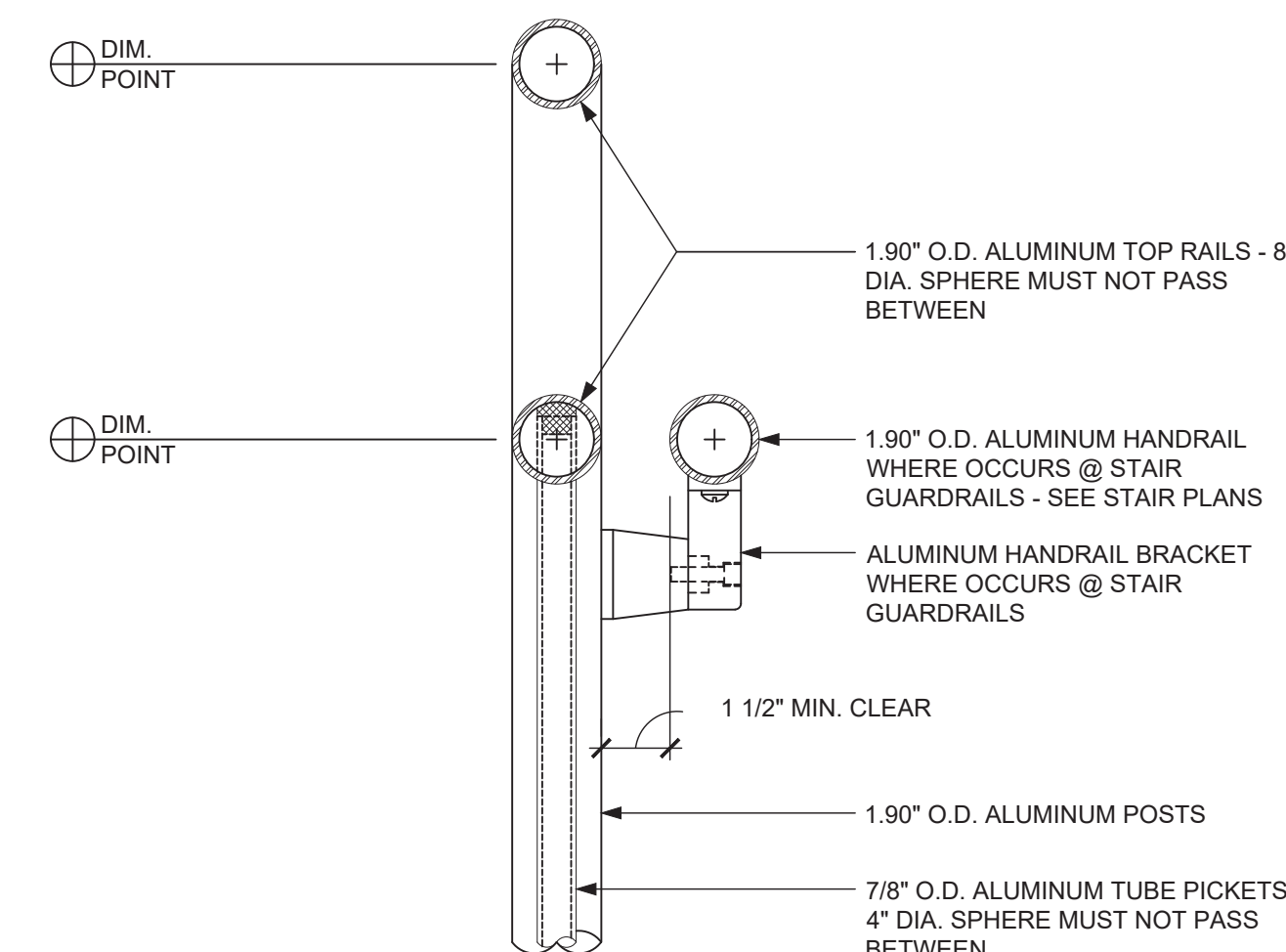
8 GUARDRAIL BASE @ LANDING

3" = 1'-0"



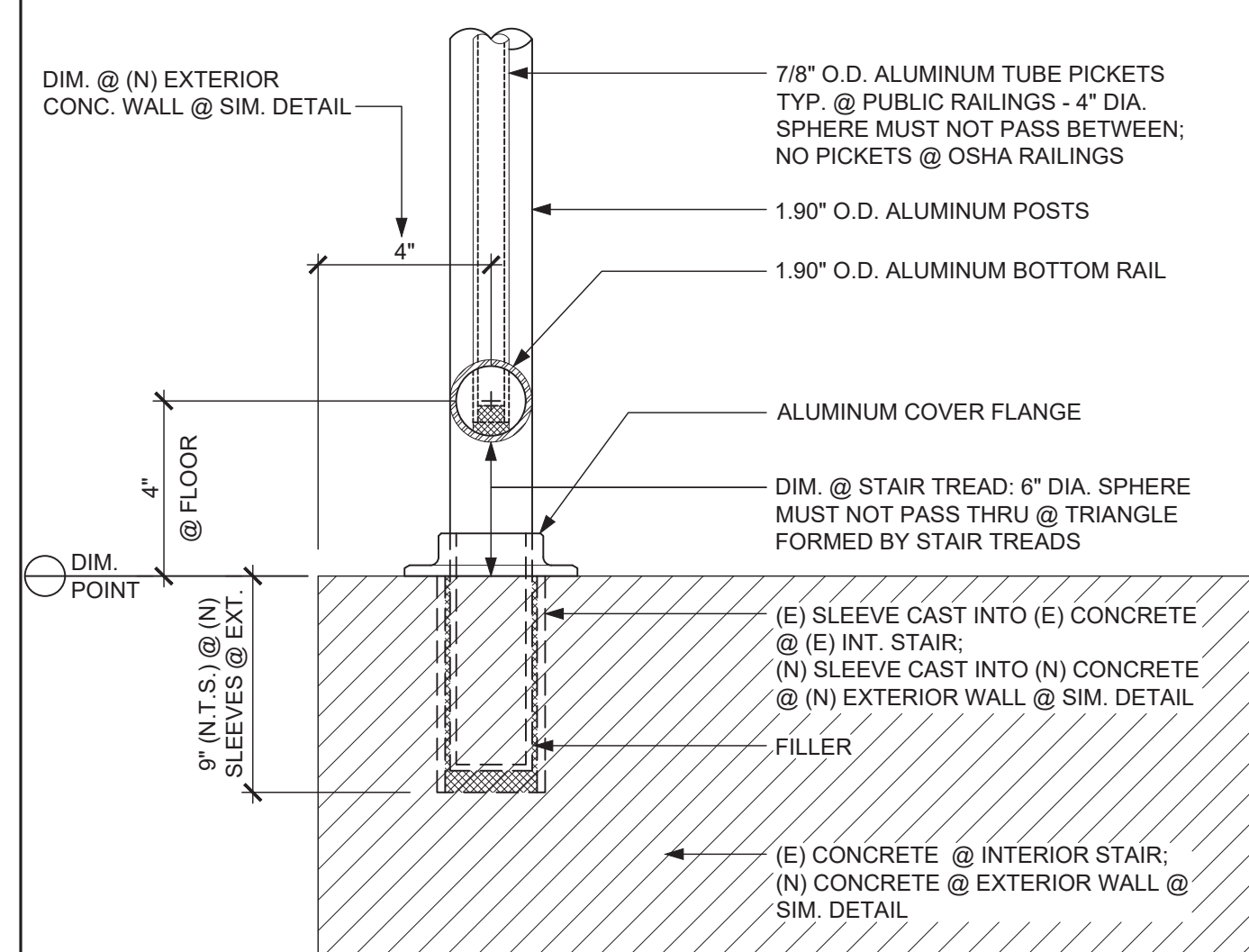
9 CENTER SUPPORT @ LANDING

3" = 1'-0"



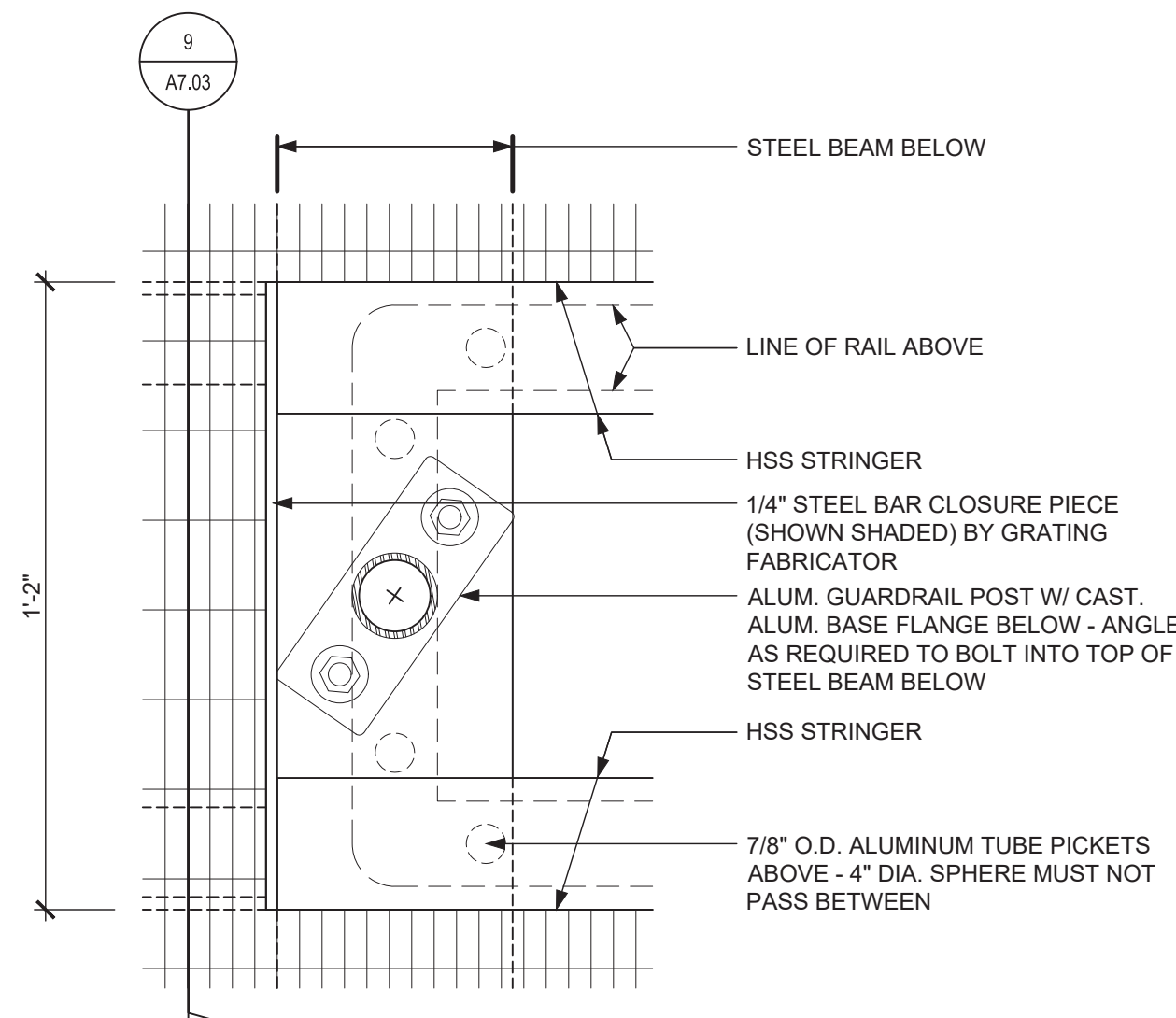
10 TYP STAIR GUARDRAIL @ TOP

3" = 1'-0"



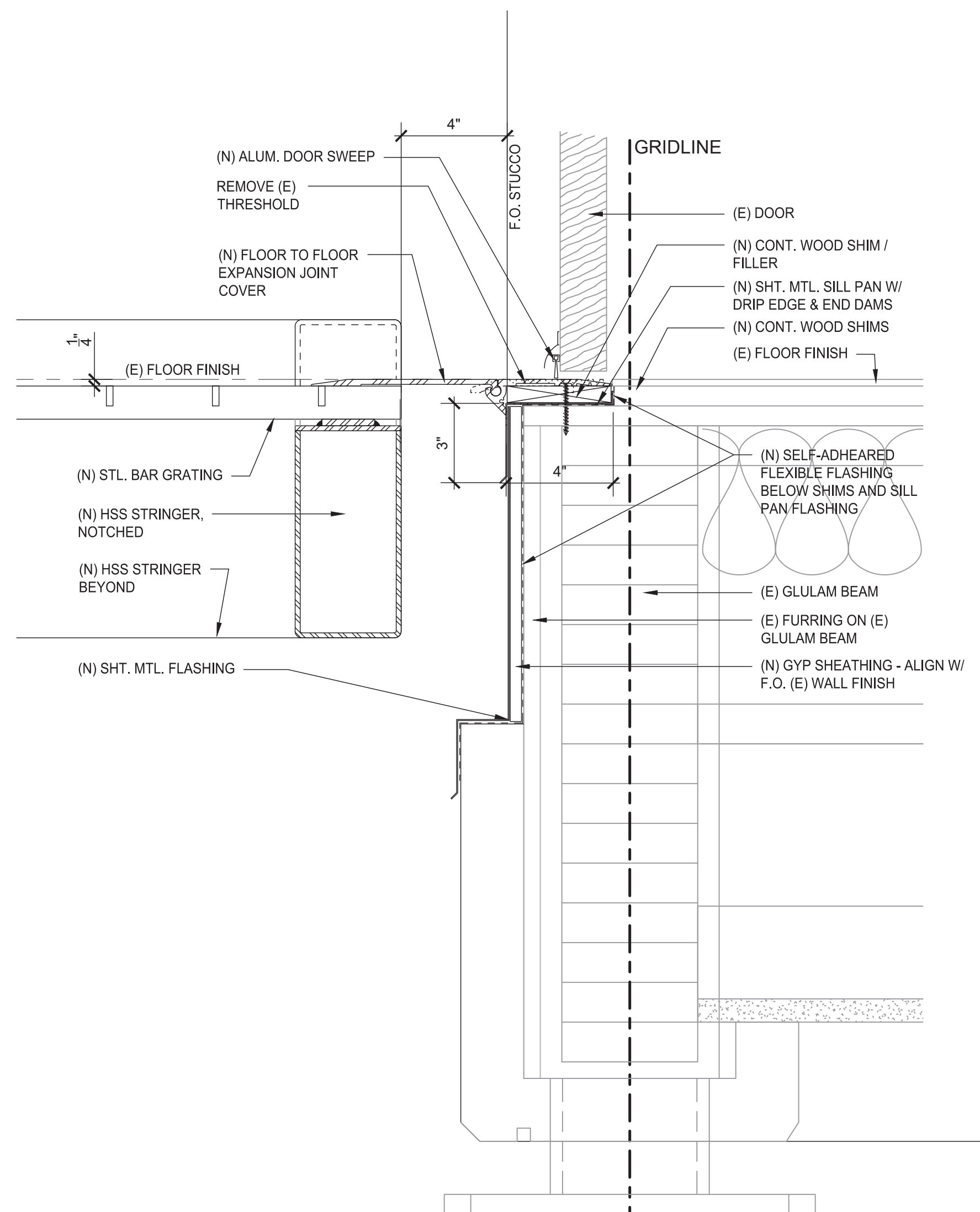
11 GUARDRAIL @ BASE

3" = 1'-0"



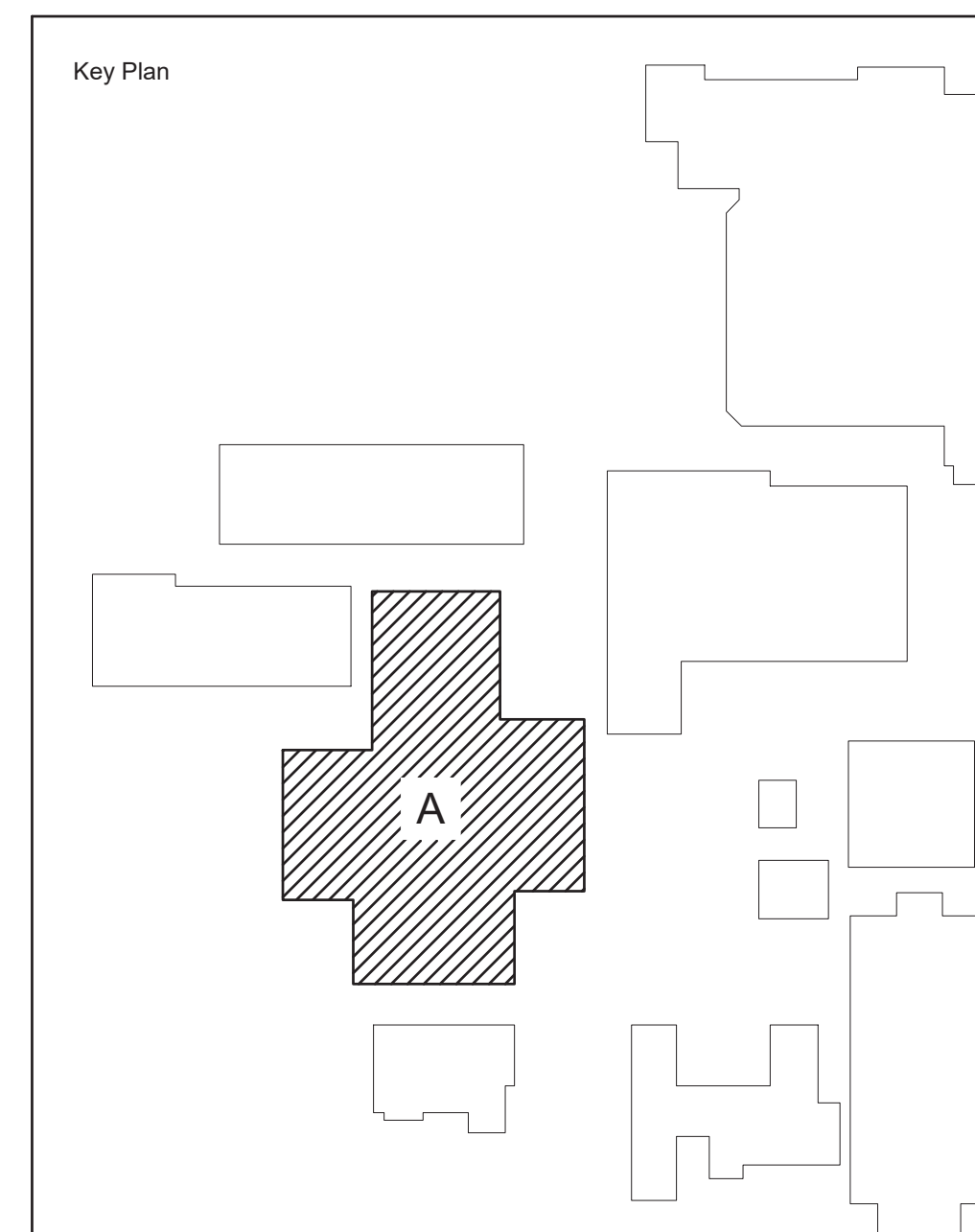
12 STAIR STRINGER - PLAN DETAIL

3" = 1'-0"

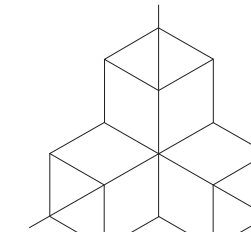


13 EXPANSION JOINT @ DOOR THRESHOLD

3" = 1'-0"

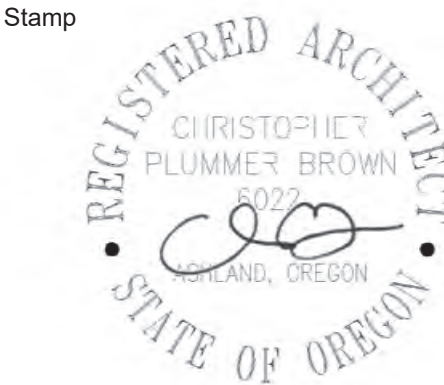


arkitek:
design and
architecture, llc



426 a street
ashland, or 97520
tel: 541.591.9988

Stamp



Ashland School District
Ashland High School Modernization
201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Project

Consultant

Revisions

No. Description

Date

Date 04/15/22

Job No. 19-031

Drawn By Author

Checked By Checker

BID SET

Date

04/15/22

Project Number

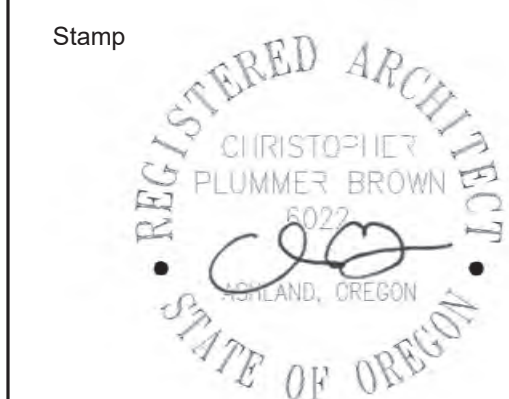
19-031

Drawing Title

BLDG A -
NEW STL STAIRS
DETAILS

Sheet No

A7.03



Ashland School District
Ashland High School Modernization
 201 S MOUNTAIN AVENUE, ASHLAND OR 97520



—

Consultant

Revisions

No.	Description	Date
-----	-------------	------

Date	04/15/2019
Job No.	19-031
Drawn By	Author
Checked By	Checker

BID SET

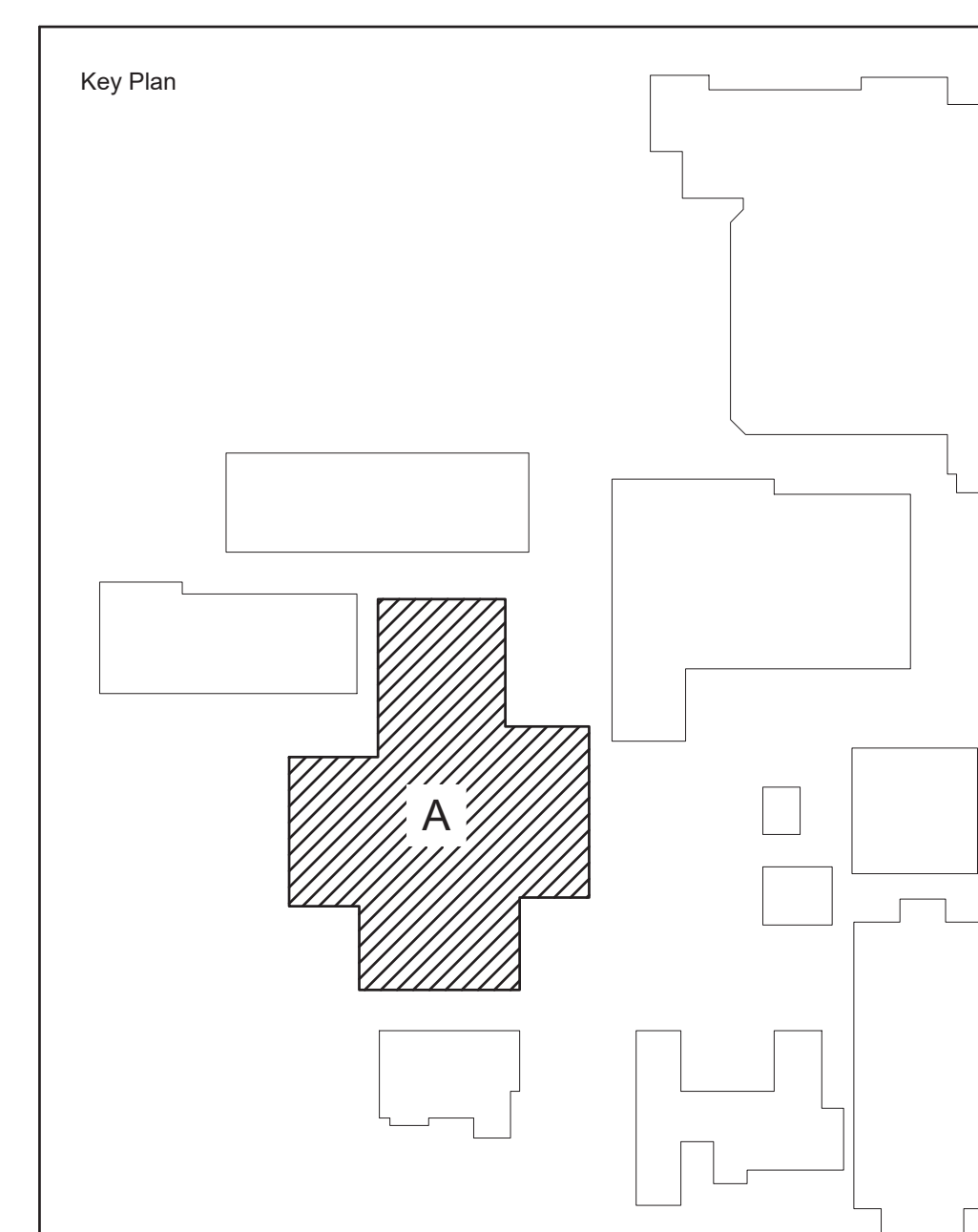
Date
04/15/22

Project Number
19-031

Drawing Title
**BLDG A -
NEW STL STAIRS ROOF
PLAN**

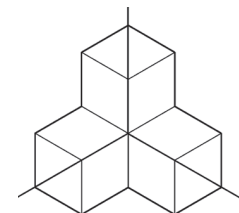
Sheet No

A7.04



Appendix 2

07/25/2022



arkitek
design&architecture

June 14th, 2022

Christopher Brown
426 A Street, Suite 101.
Ashland, OR 97520

Reference: 201 S. Mountain Ave, Ashland, OR (M-0207-19)

Subject: Structural Evaluation of Science Building Exterior Stairs

Mr. Brown,

ZCS Engineering & Architecture (ZCS) is providing this report as part of the consultation services requested to provide structural assessment for the three existing exterior stair structures located at Ashland High School's Science building. An agent of ZCS was on site May 19th, 2022, to perform visual inspection and measure up of the stair structures. In addition to the inspection of the stair structures, a structural analysis was performed based site visit and review of the original as-built plan set. The following is our findings and recommendations.

Observations

The three stair structures are constructed of precast concrete walls with two runs of concrete stair treads and a flat concrete landing between the two runs of stairs. The middle concrete landing is supported by a tube steel frame. The top of the concrete stairs terminates at a landing supported by tube steel stringers with a concrete deck. In addition to the steel landing, the north-east and north-west stair structures have a third run of stairs composed of tube steel stringers with concrete stair treads and landing, see **Photo 1 & 2 in Appendix A**.

The damage at all three sets of stair structures are focused at the concrete treads, cracking and spalling at varying levels of severity, with several significant pieces of concrete separating. The more severe cracking has left reinforcement exposed to weathering and has corroded. Multiple concrete walls have cracking with one at the north-east significant enough the reinforcement is exposed and corroded. The bottom of the concrete treads has cracking and spalling near the joint between the sloped and flat middle landing. All three sets of steel frame supports, and upper steel stair stringers have varying levels of corrosion.

Below is a sample of observed areas of interest:

Concrete stair treads are cracked and spalling away leaving reinforcement exposed and corroded, see **Photo 3, & 7 in Appendix A**.

Several concrete stair treads are cracked and show signs of water intrusion and reinforcement corroded, see **Photo 3, 4, 7, & 12 in Appendix A**.

Several concrete walls have cracking and one spalling with exposed reinforcement that has corroded, **see Photo 6 & 10 in Appendix A.**

The concrete slab on the underside of the stairs has cracking and spalling, **see Photo 8 & 11 in Appendix A.**

The paint protecting the steel tube stringers has deteriorated and the steel has corroded, **see Photo 5 & 9 in Appendix A.**

Findings & Recommendations

Analysis

The structural analysis of each stair structure (including damaged areas) indicates the concrete stair section and supporting structural sections can support current code loading. The connections of the upper steel landing and steel stair sections were not included in the available as-builts thus could not be verified.

Concrete Damage

The degradation (listed in the observations above) to the concrete stairs and reinforcement does not currently appear to be significant enough to compromise the structural integrity of the concrete section of the three stair structures. The concrete degradation appears to be caused by normal shrinkage and expansion cracking that has been accelerated by water intrusion with de-icing agent contacting and corroding the reinforcement. However it is possible, the original concrete mix for the stair treads may have been chemically flawed causing the concrete to prematurely corrode the reinforcement.

Steel Damage

The corrosion of the three steel frames supporting the concrete mid-height landing and the tube steel landing at the top of the south-east stair structure appears to be relatively minimal. The corrosion of the tube steel stair stringers at the north-east and north-west stair structures is extensive and material is peeling off reducing the strength. Currently the corrosion does not appear to affect the structural integrity to the extent they are unsafe for use. However, without repair or replacement soon eventually the corrosion will progress, and the stairs will become unsafe for use.

Concrete Repair

We recommend all loose and spalling concrete to be removed and replaced with high strength repair grout. All reinforcement should be evaluated after concrete removal, reinforcement with minimal corrosion should be treated with a rust prohibiting agent. Reinforcement with significant corrosion should be removed down to non-corroded reinforcement and replaced in kind (with proper splice or embedment). It is our recommendation that a concrete restoration expert be procured to implement the concrete repairs. Furthermore, all concrete should be painted with elastomeric coating. In order for this solution to be viable, in the remote possibility the concrete is chemically flawed, we recommend the concrete be tested to rule this out.

Alternatively, the concrete tread sections could be demolished, and new concrete or steel treads constructed utilizing the remaining precast concrete walls for support.

Steel Repair

We propose removal of the surface corrosion of the three steel frame supports and south-east steel upper landing, and all steel painted with high performance coating. Due to the extent of the damage and invasiveness of the repairs we recommend the upper steel stairs sections and landing at the north-east and north-west stair structures be demolished and replaced.

The above items are the only areas addressed by our office at this time and address the condition of the stair structures at the time site observations were performed.

For any additional questions please feel free to contact our office at (541) 500-8588

Respectively,



Syllas E. Allen, PE
SEA/JAG



EXPIRES: 12-31-23

APPENDIX A: PHOTOS



Photo 1: North-West Staircase Elevation



Photo 2: North-West Staircase Elevation

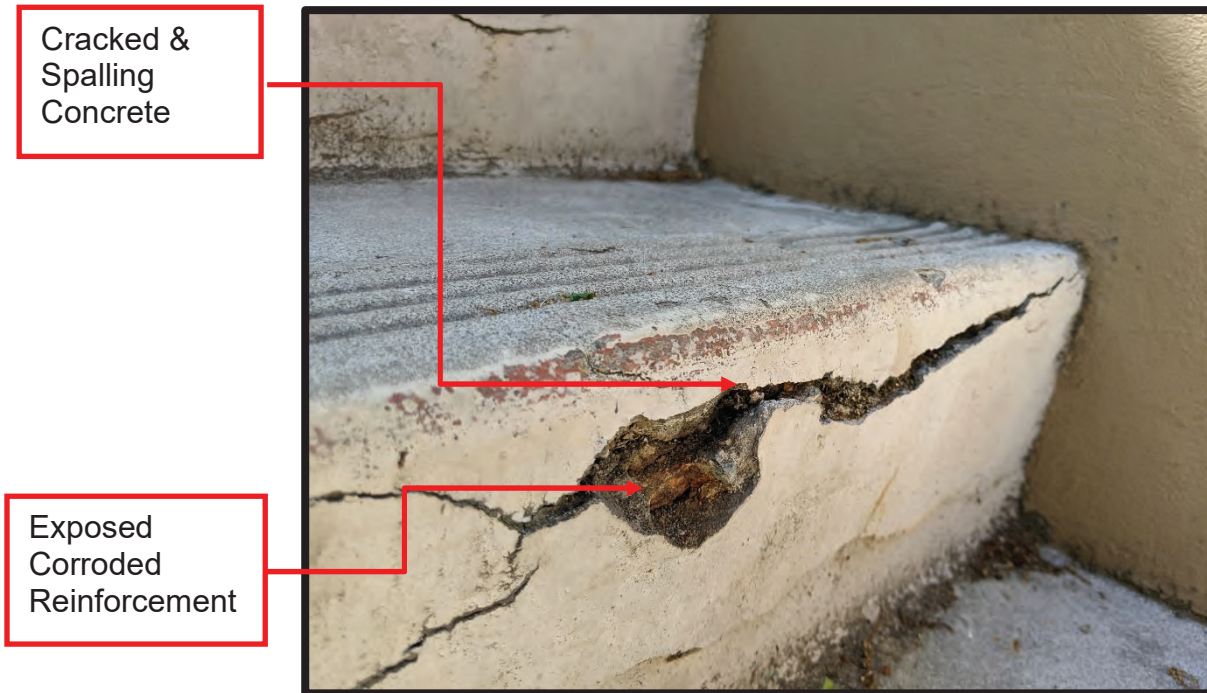


Photo 3: North-East 2nd Stair Run Tread



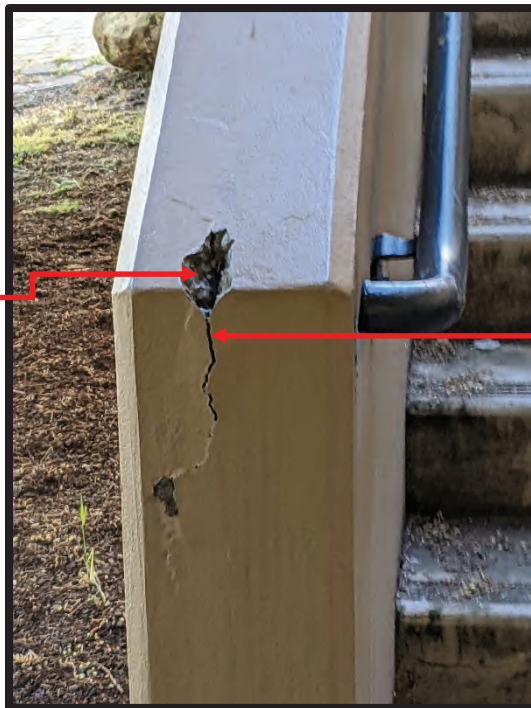
Photo 4: North-East 2nd Stair Run

Oxidated Steel
Stringer at
Multiple Steps



Photo 5: North-East 3rd Stair Run

Exposed
Corroded
Reinforcement



Concrete
Cracking

Photo 6: North-East Concrete Wall

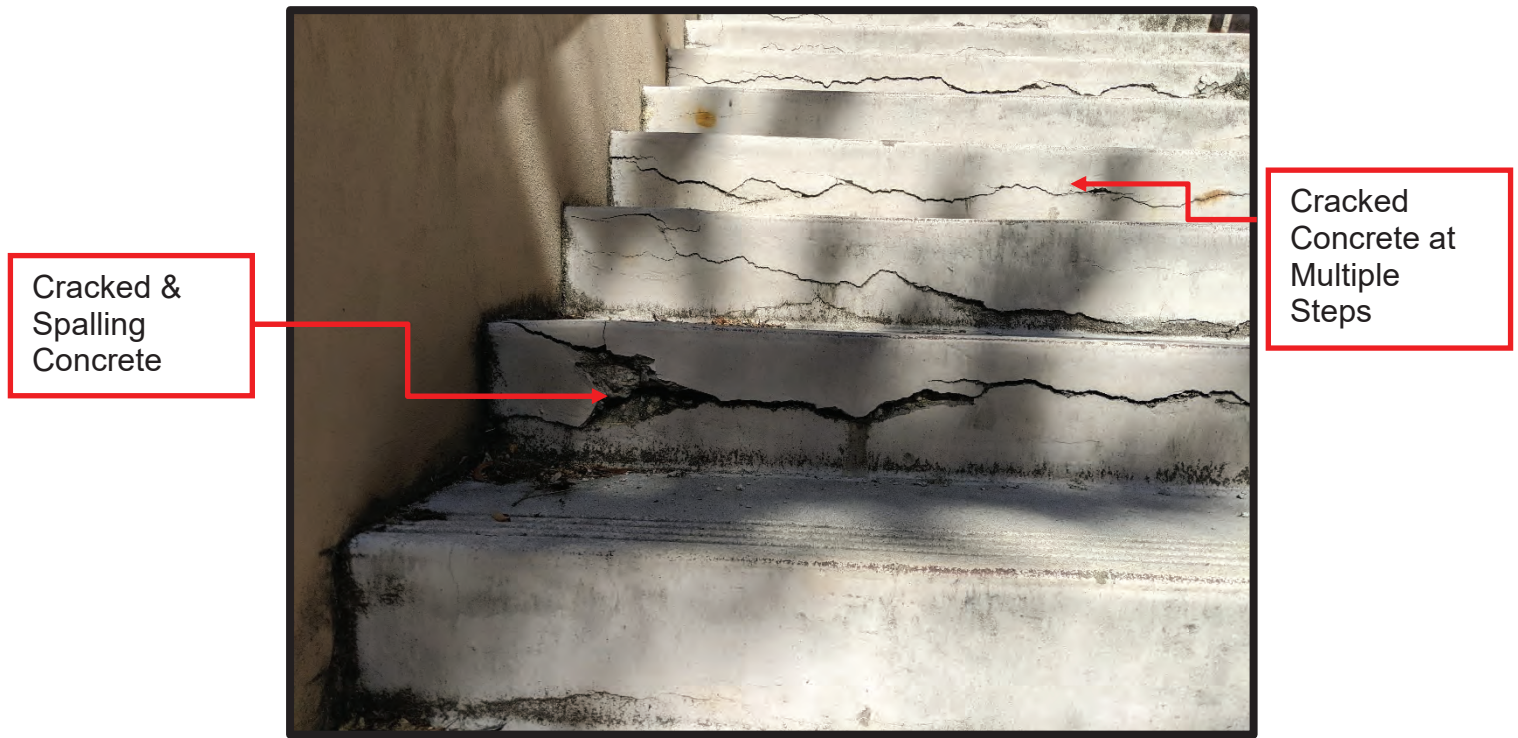


Photo 7: North-West 2nd Stair Run



Photo 8: North-West Middle Concrete Landing



Photo 9: North-West Tube Steel Stringer

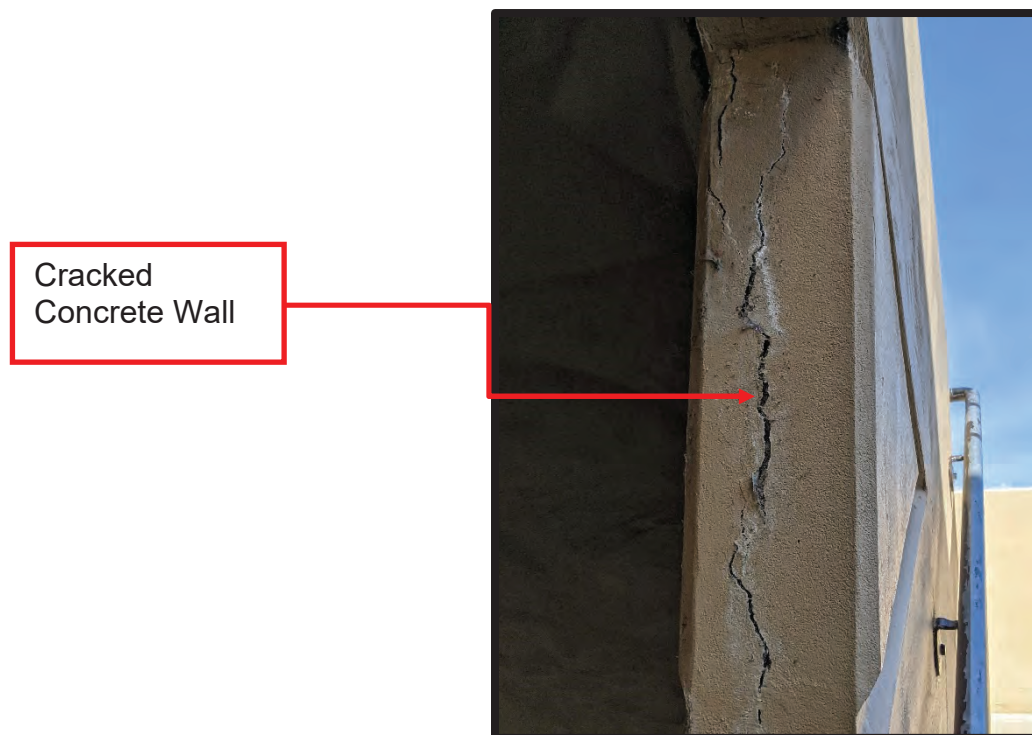


Photo 10: South-East Concrete Wall



Cracked
Concrete Slab

Photo 11: South-East Middle Concrete Landing



Cracked
Concrete at
Multiple Steps

Extent of Damage
Unknown Behind
Diamond Plate Cover.
Removal Required to
Verify Concrete
Condition

Photo 12: South-East 1st Stair Run

APPENDIX B: FIGURES

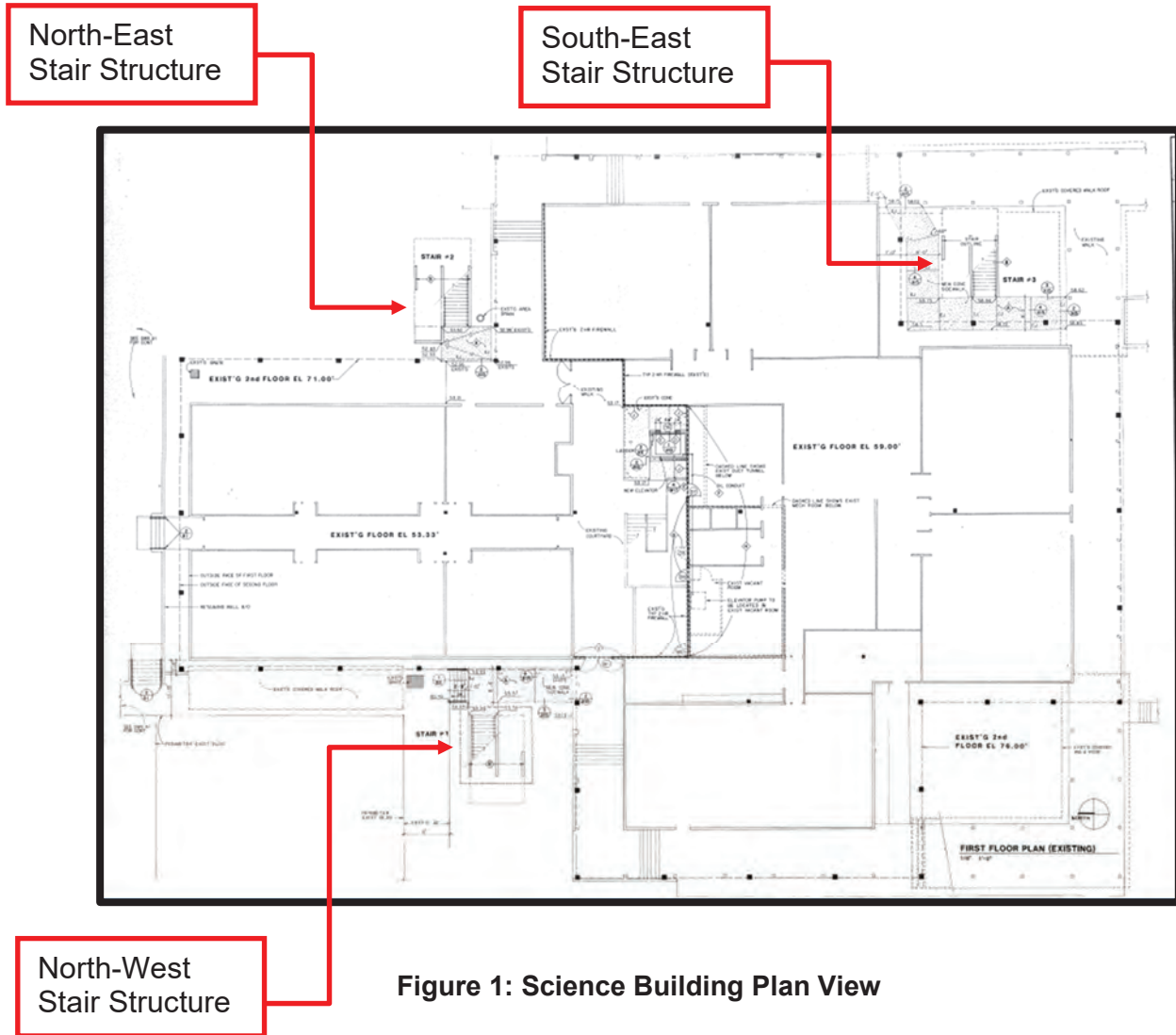
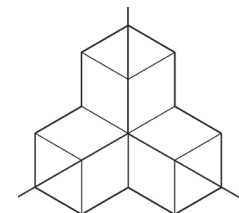


Figure 1: Science Building Plan View

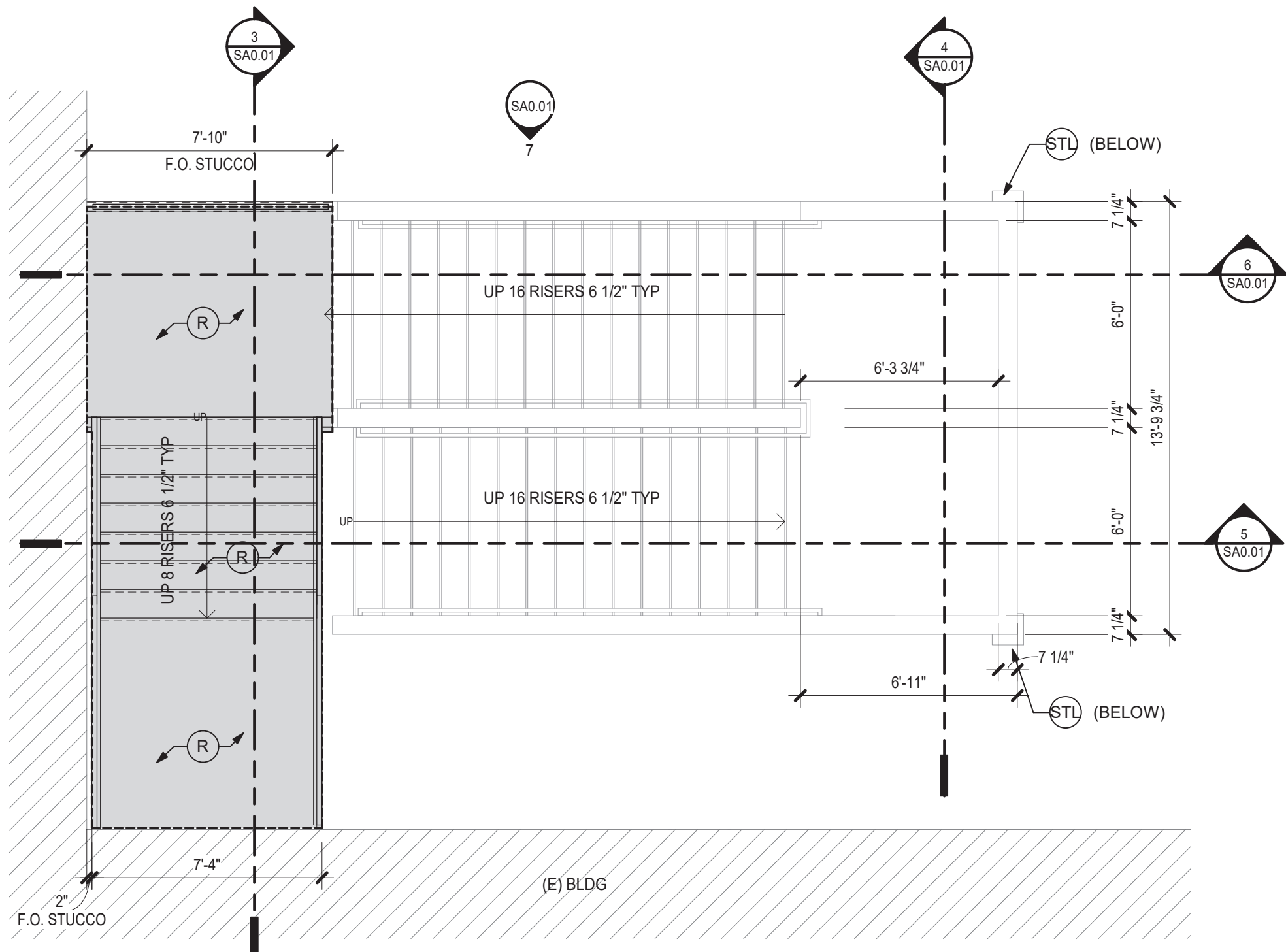
Appendix 3

07/25/2022

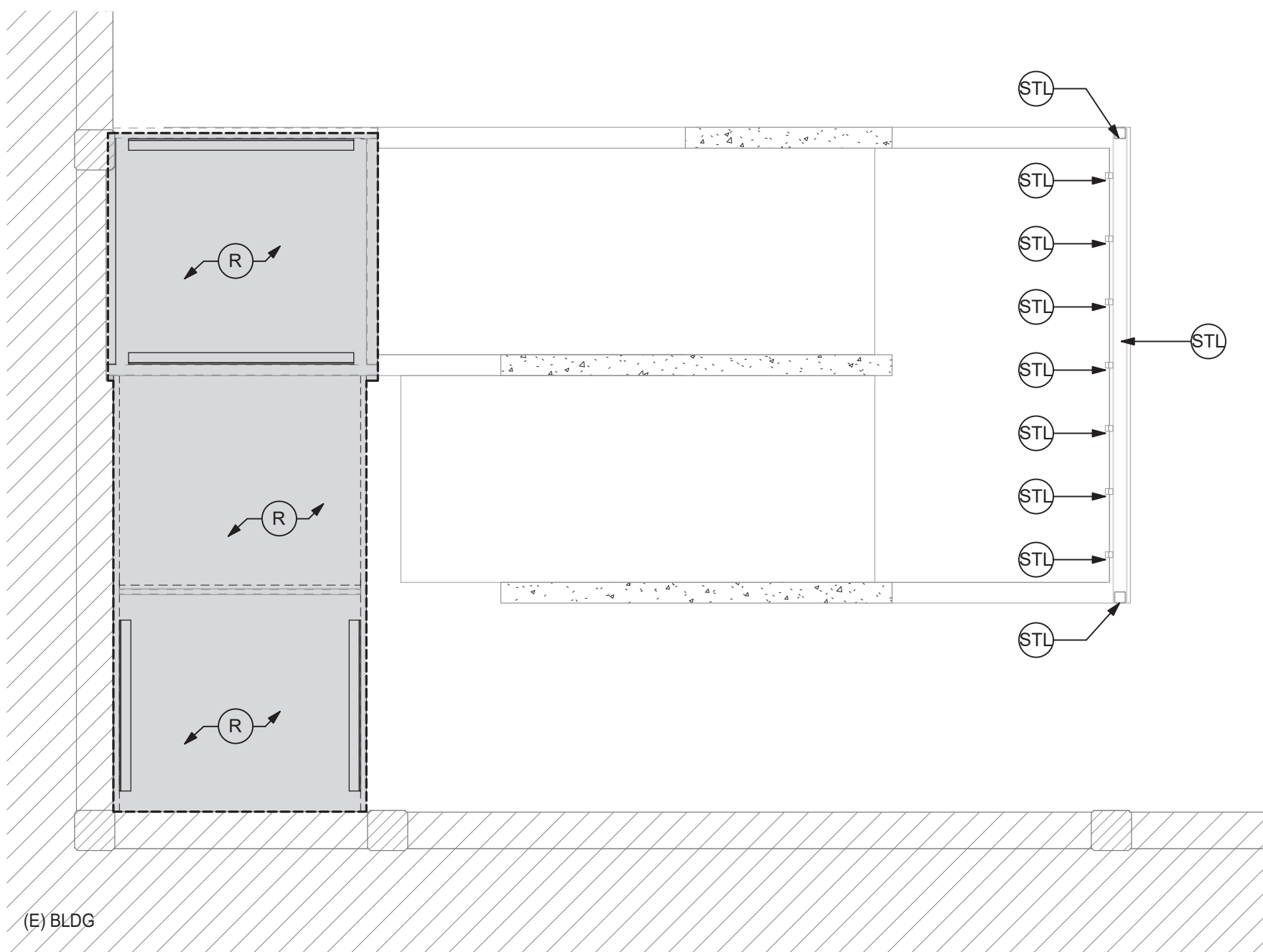


arkitek
design&architecture

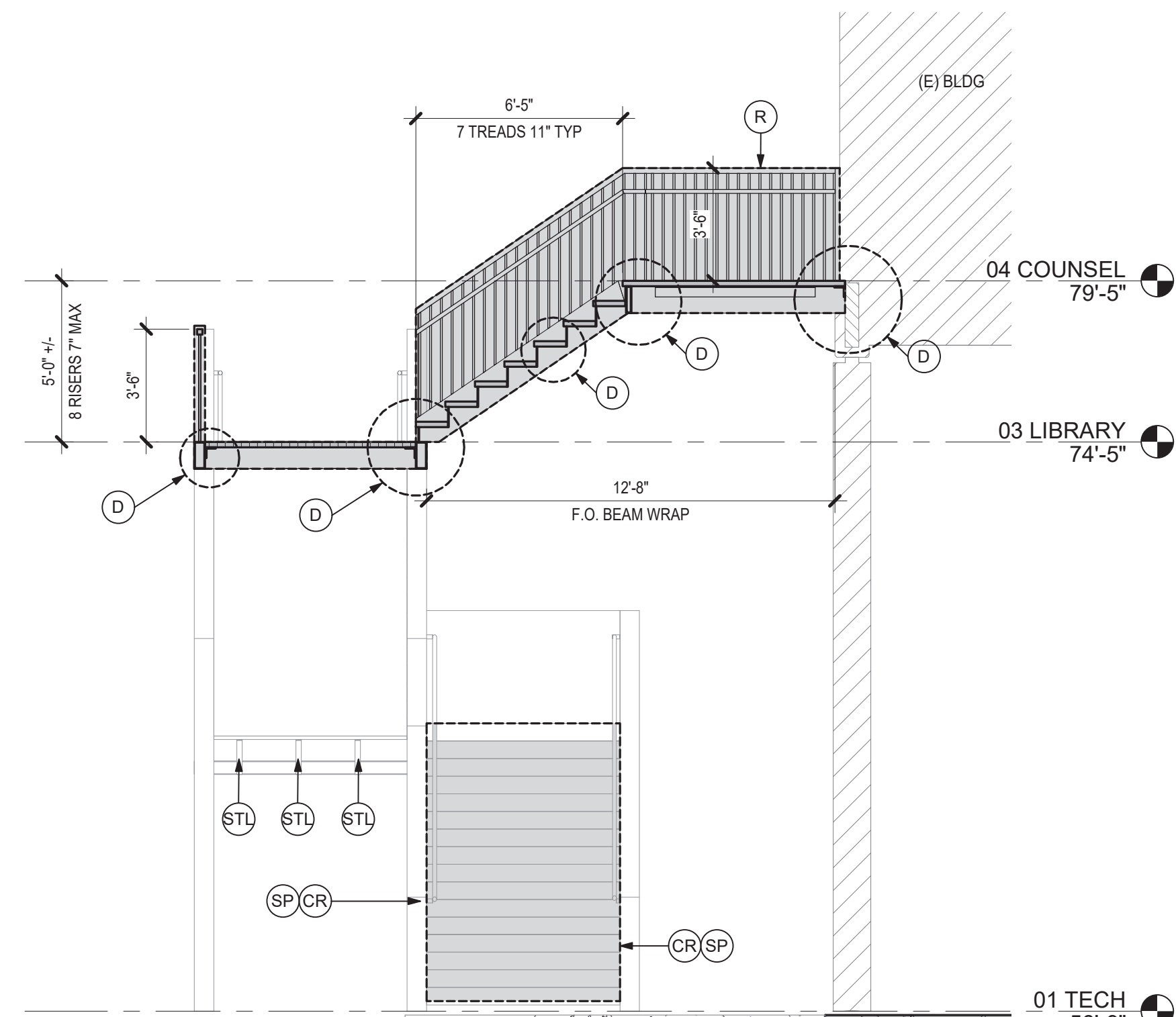
DATE 7/1/2022 3:28:35 PM
FILE PATH: Z:\22_ar\kitek19_AHS ADA\current\REV\T\stairs as built_damage\repair\220623_SCIENCE_stair_detached_jan.v4
copyright © 2018



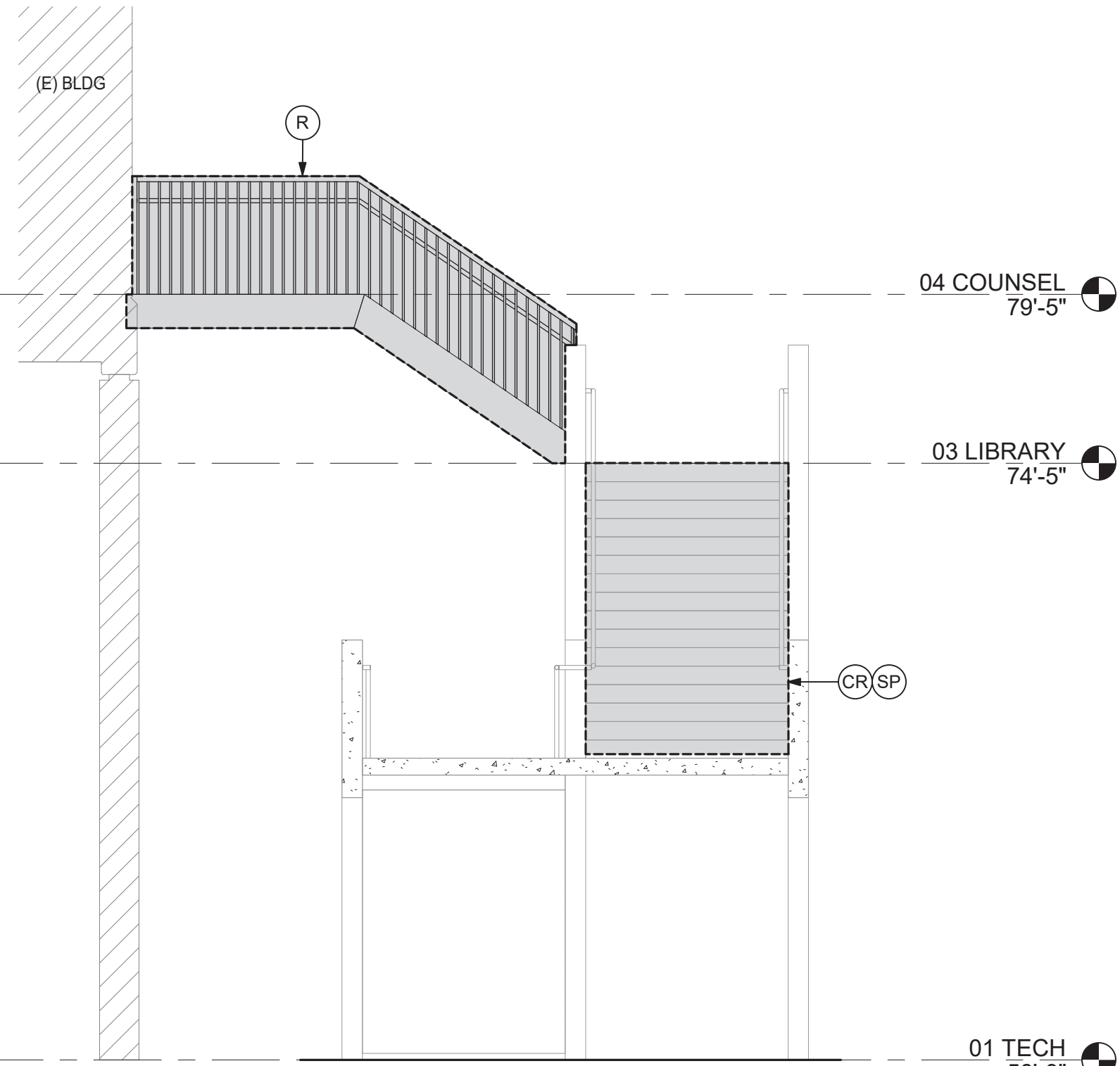
1 OVERALL PLAN - NE STAIRS
1/4" = 1'-0"



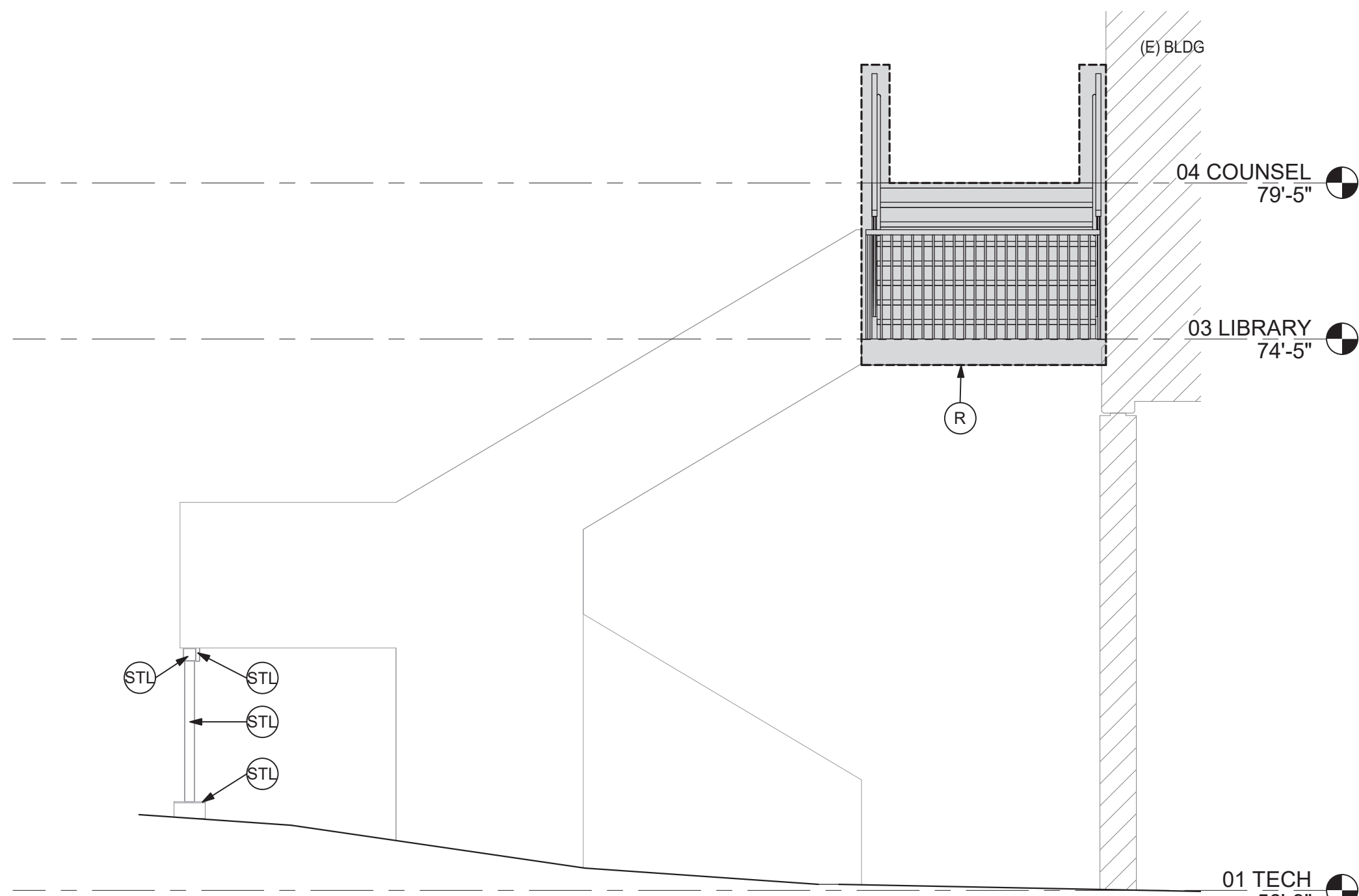
2 REFLECTED PLAN - NE STAIRS
1/4" = 1'-0"



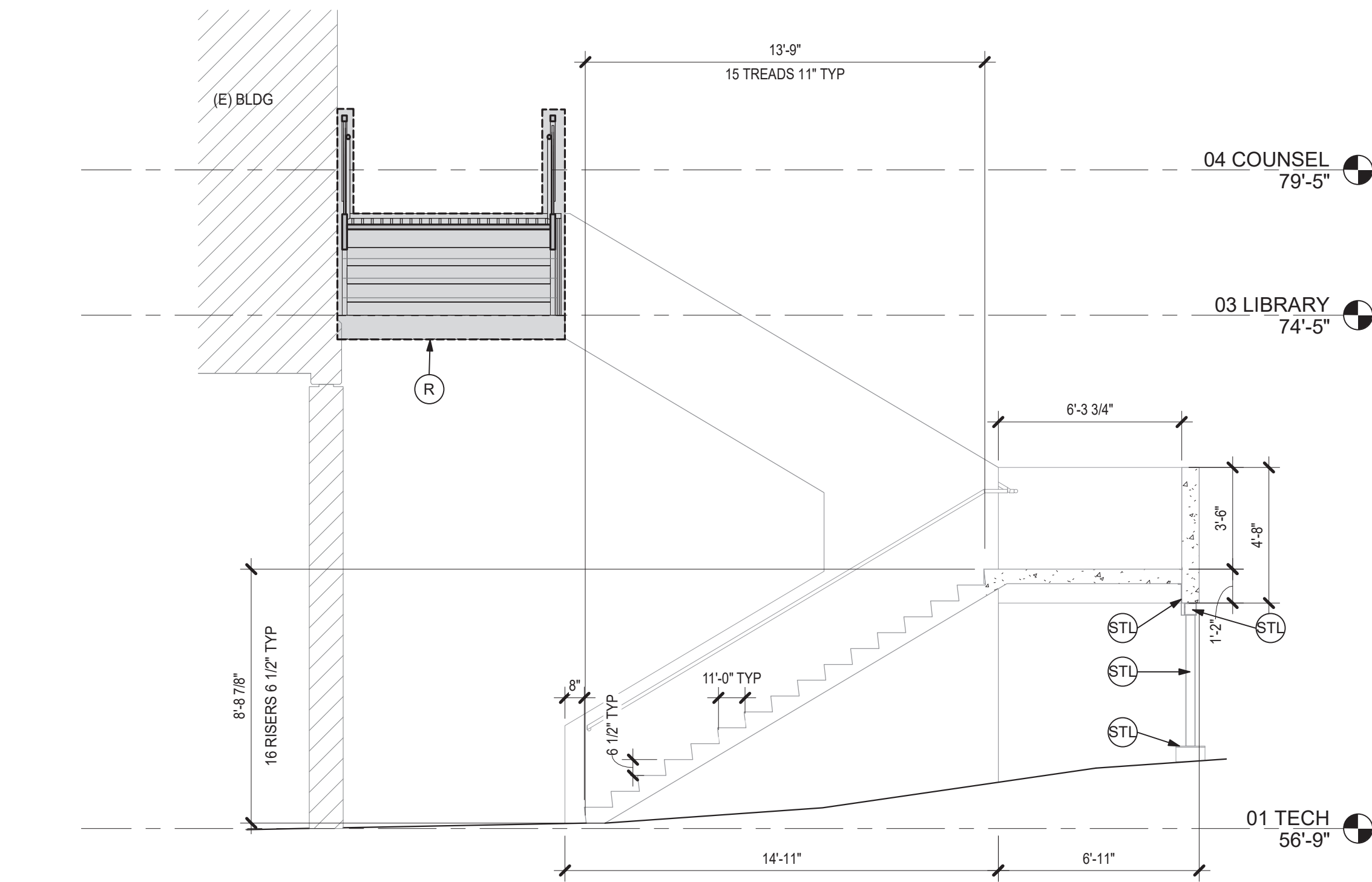
3 SECTION 3 - NE STAIRS
1/4" = 1'-0"



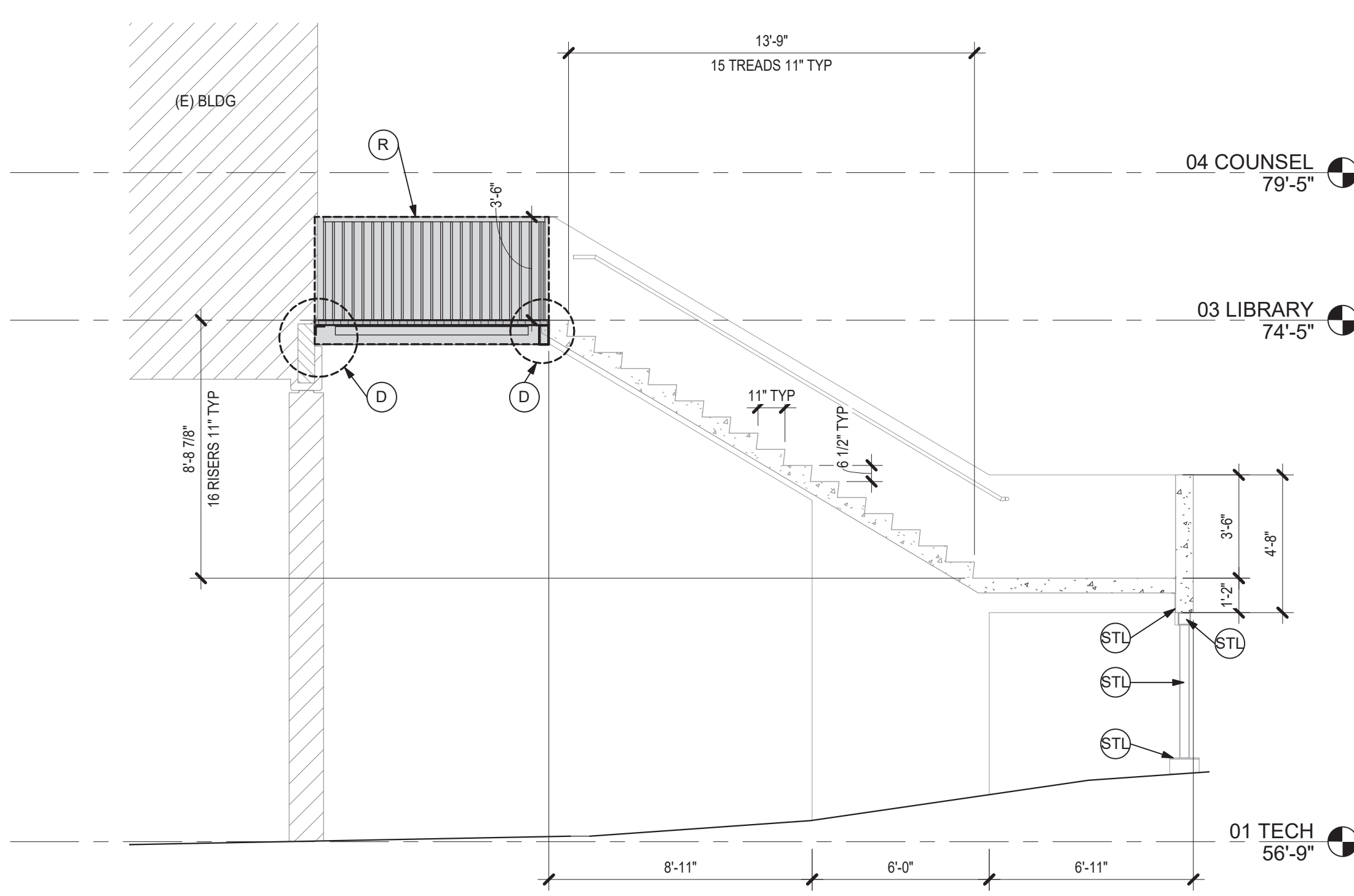
4 SECTION 4 - NE STAIRS
1/4" = 1'-0"



7 ELEVATION - NE STAIRS
1/4" = 1'-0"



5 SECTION 5 - NE STAIRS
1/4" = 1'-0"



6 SECTION 6 - NE STAIRS
1/4" = 1'-0"

GENERAL NOTES

- THE DIRECTIONS HEREIN ARE BASED ON THE "AHS CONCRETE STAIRS INSPECTION REPORT", DATED JUNE 14TH 2022, ISSUED BY ZCS ENGINEERING.
- BEFORE COMMENCING REPAIRS, TEST THE EXISTING CONCRETE TO DETERMINE IF IT IS CHEMICALLY FLAWED.
- ALL CONCRETE REPAIR WORK TO BE CONDUCTED BY A CONCRETE REPAIR SPECIALIST.
- THE UPPER TUBE STEEL STAIRS/LANDINGS AT THE NW AND NE STAIRS WILL BE REPLACED IN-KIND.
- THE UPPER TUBE STEEL LANDING AT THE SE STAIR WILL BE REPAIRED.
- ALL STEEL FRAMES (SUPPORTING INTERMEDIATE CONCRETE LANDINGS) WILL BE REPAIRED.
- ALL CONCRETE STAIRS WILL BE REPAIRED.
- INSPECT STAIRS TO VERIFY EXTENT OF STEEL AND CONCRETE REPAIR.
- FIELD VERIFY MEASUREMENTS PRIOR TO FABRICATION.

REPAIR ACTIONS

- ← (STL) CORROSION OF (E) STEEL STRUCTURE
- REPAIR ACTIONS:
- REMOVE SURFACE CORROSION
 - INSPECT FOR DAMAGE
 - PAINT WITH HIGH PERFORMANCE COATING

- ← (CR) CRACKING OF (E) CONCRETE STRUCTURE

- REPAIR ACTIONS
- INSPECT FOR LOOSE/SPALLING CONCRETE AND EXPOSED REINFORCEMENTS** (SEE NOTE SP BELOW IF FOUND)
 - FILL CRACKS WITH HIGH STRENGTH REPAIR GROUT

- ← (SP) SPALLING OF (E) CONCRETE STRUCTURE

- REPAIR ACTIONS
- REMOVE ALL LOOSE/SPALLING CONCRETE
 - INSPECT EXPOSED REINFORCEMENTS FOR CORROSION**
 - REPLACE/INFILL REMOVED CONCRETE WITH HIGH STRENGTH REPAIR GROUT

- **REPAIR ACTIONS FOR CORRODED REINFORCEMENTS
- REINFORCEMENTS WITH MINIMAL CORROSION SHOULD BE TREATED WITH A RUST PROHIBITING AGENT
 - REINFORCEMENTS WITH SIGNIFICANT CORROSION SHOULD BE REMOVED DOWN TO NON-CORRODED REINFORCEMENT AND REPLACED IN KIND (W/ PROPER SPLICE OF EMBEDMENT)

OTHER REPAIRS

- ALL CONCRETE TO BE PAINTED WITH ELASTOMERIC COATING UPON COMPLETION OF REPAIRS.
- ALL EXISTING HANDRAILS AND GUARDRAILS TO RECEIVE HIGH PERFORMANCE COATING.

REPLACEMENT ACTIONS

- ← (R) REPLACEMENT OF (E) STEEL STAIRS

- REPLACEMENT ACTIONS:
- COMPLETELY REPLACE THE (E) STEEL STAIRS, LANDINGS, HANDRAILS, AND GUARDRAILS

DETAIL COORDINATION

- ← (D) DETAIL

- STRUCTURAL CONNECTION DETAILS TO BE DESIGN BUILD BY GENERAL CONTRACTOR W/ STRUCTURAL ENGINEER

Stamp



Ashland School District
Ashland High School - ADA

201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Project

Consultant

Revisions

No.	Description	Date
-----	-------------	------

Date	07/01/2022
------	------------

Job No.	22-019
---------	--------

Drawn By	Author
----------	--------

Checked By	Checker
------------	---------

STAIRS ANALYSIS

Date

07/01/2022

Project Number

22-019

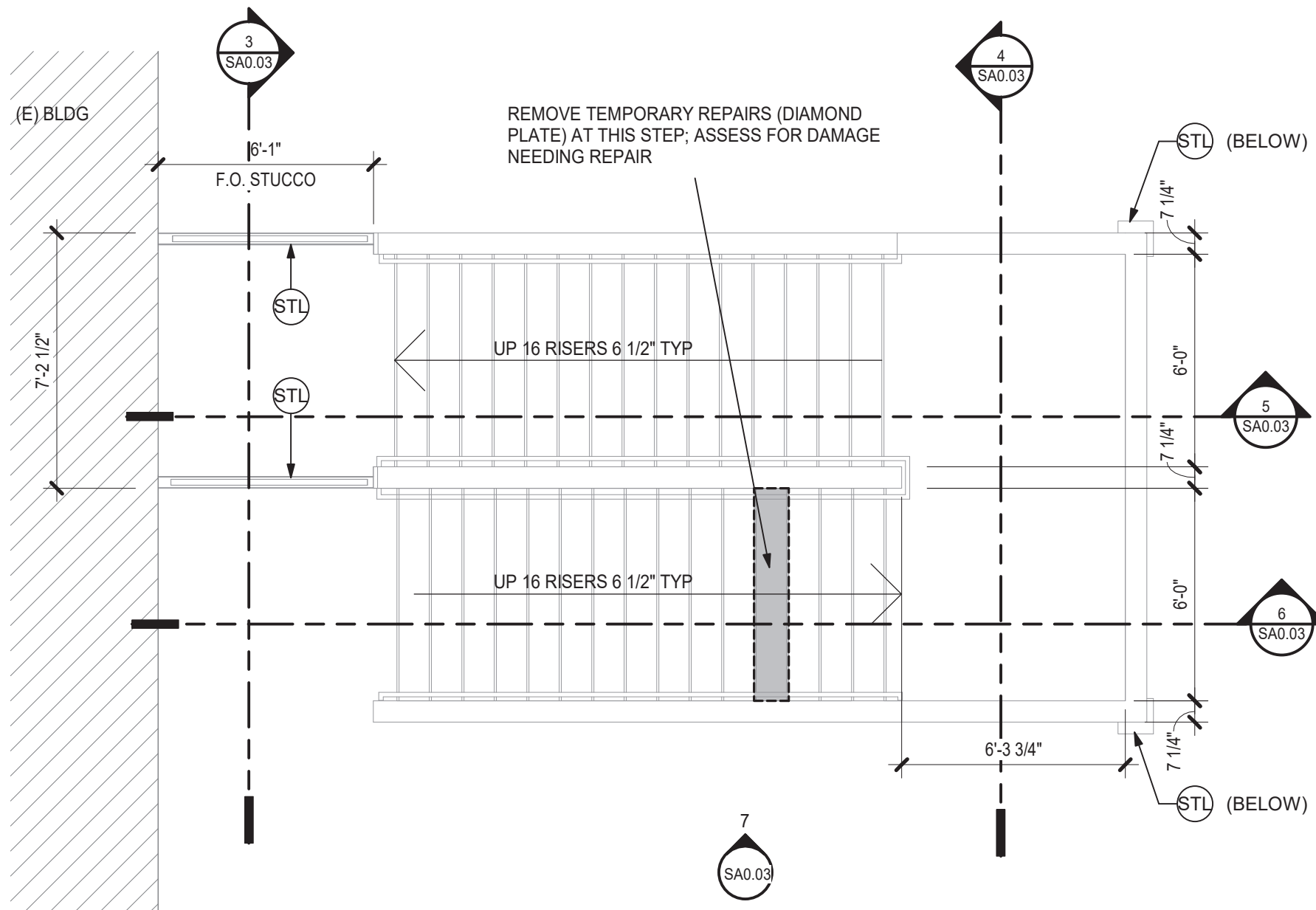
Drawing Title

NE STAIRS
DRAWINGS,
DAMAGE AND
REPAIR

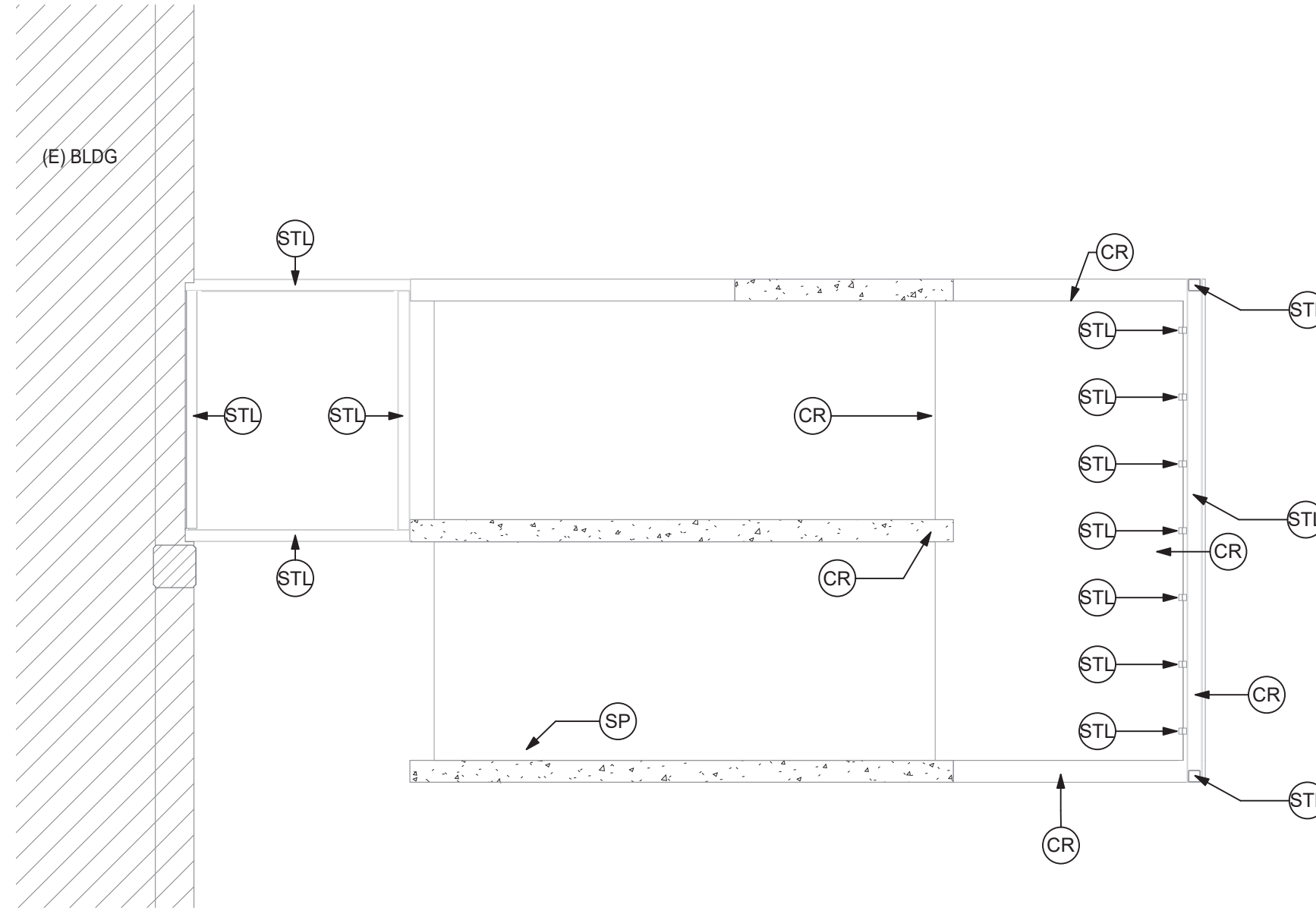
Sheet No

SA0.01

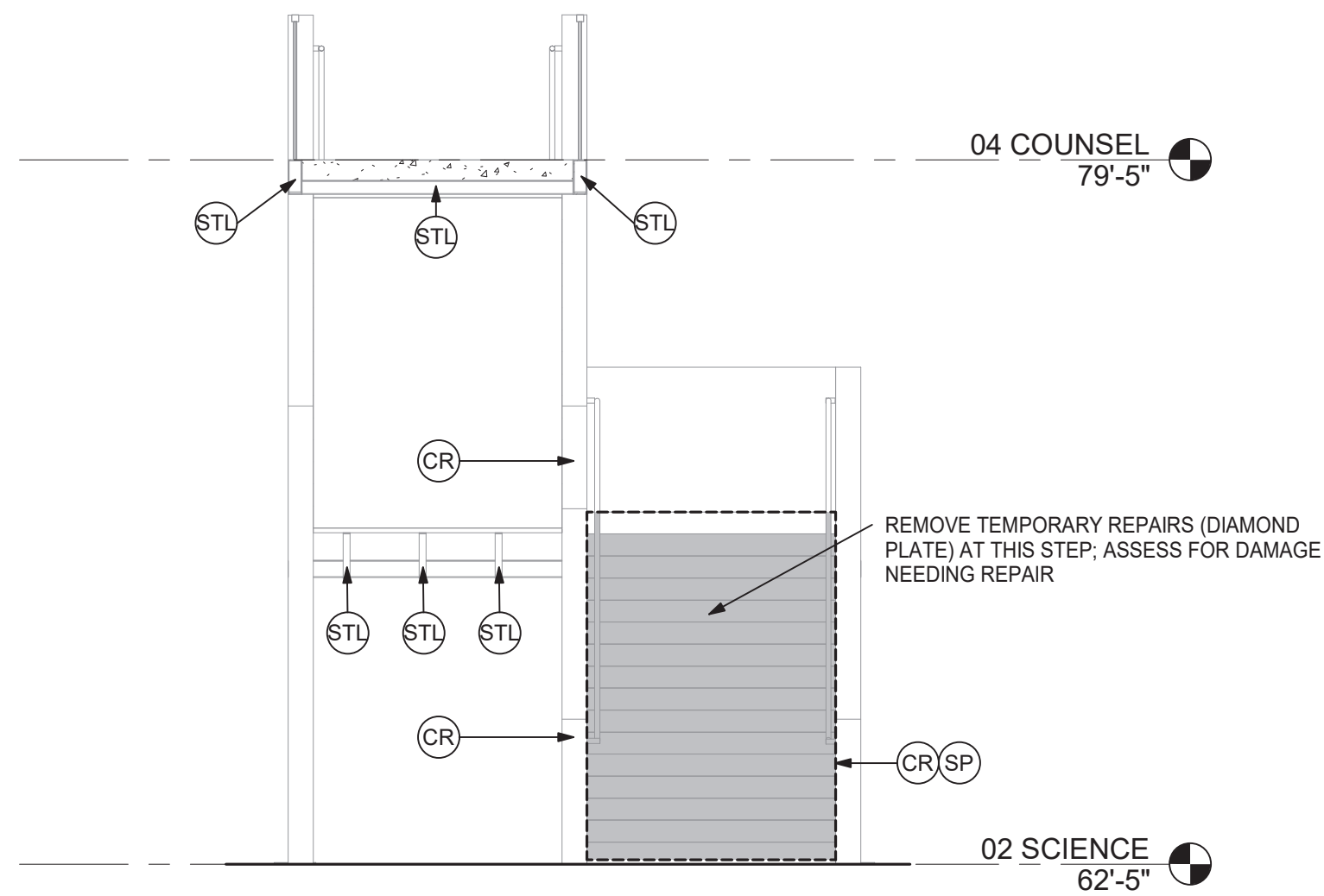
DATE 7/1/2022 3:28:37 PM
FILE PATH: Z:\02_arkitek19_AHS ADA\current\REV\T\stairs as built\damage\repair\220623_SCIENCE_stair_detached_jan.v4
copyright © 2018



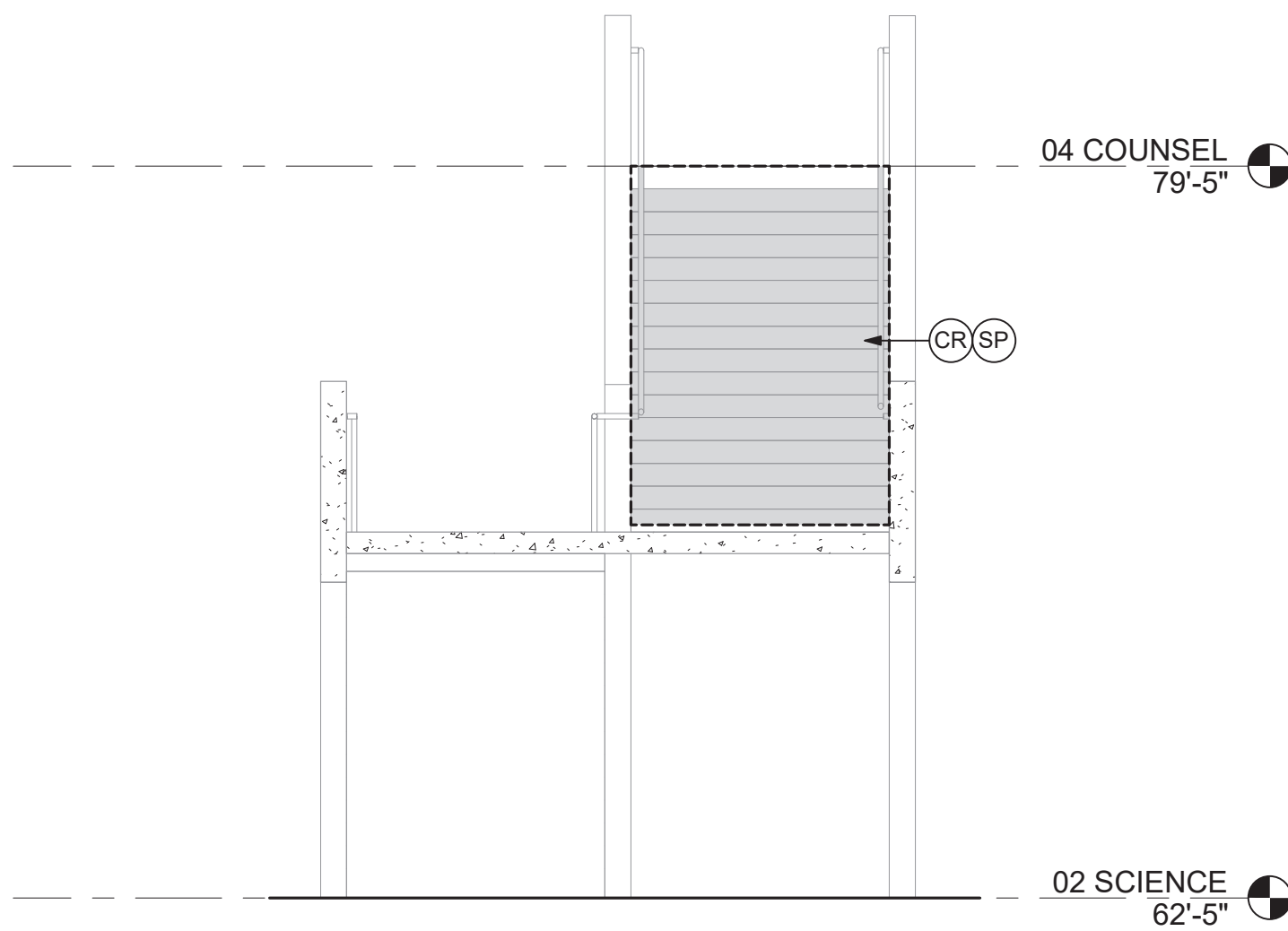
1 OVERALL PLAN - SE STAIRS
1/4" = 1'-0"



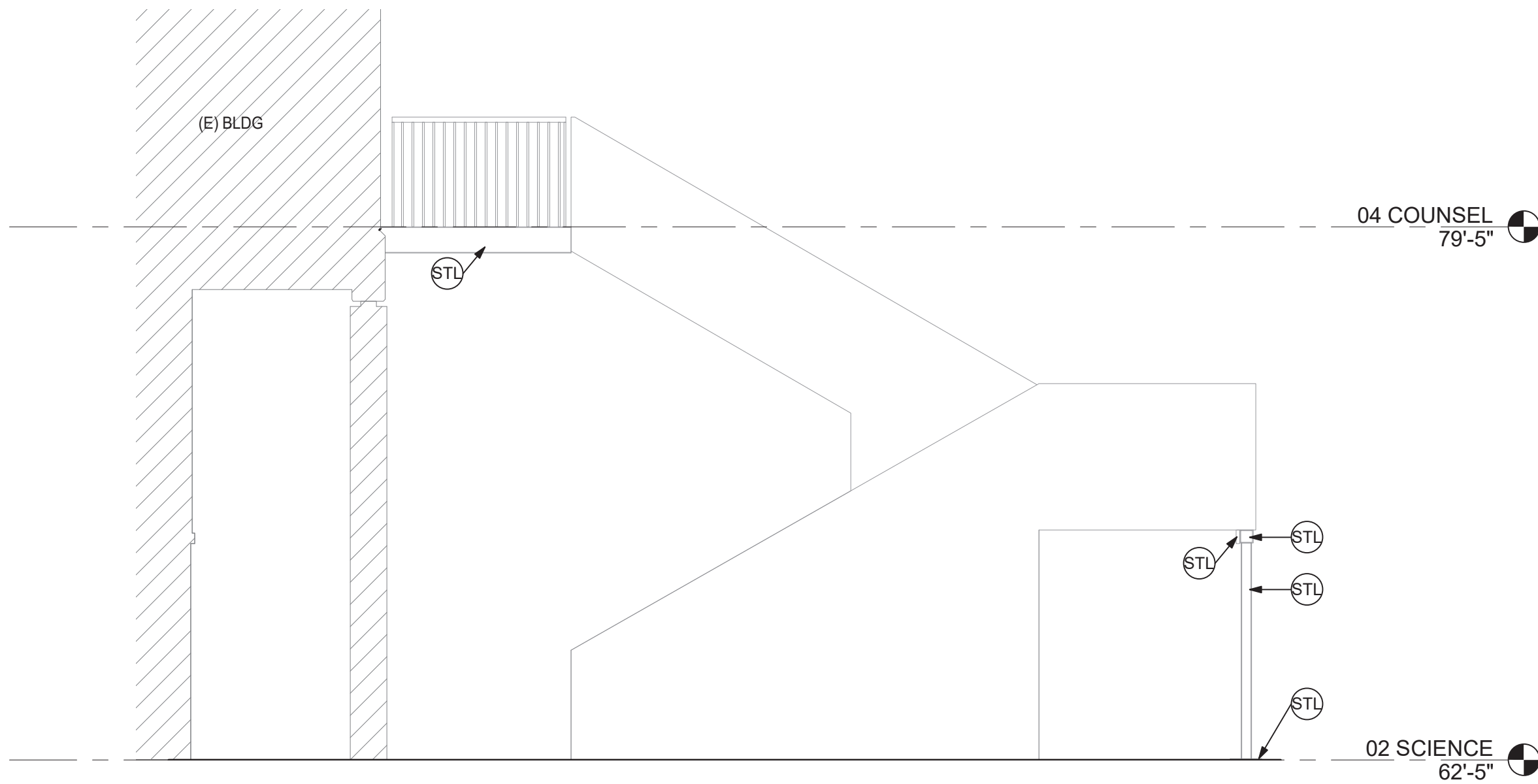
2 REFLECTED PLAN - SE STAIRS
1/4" = 1'-0"



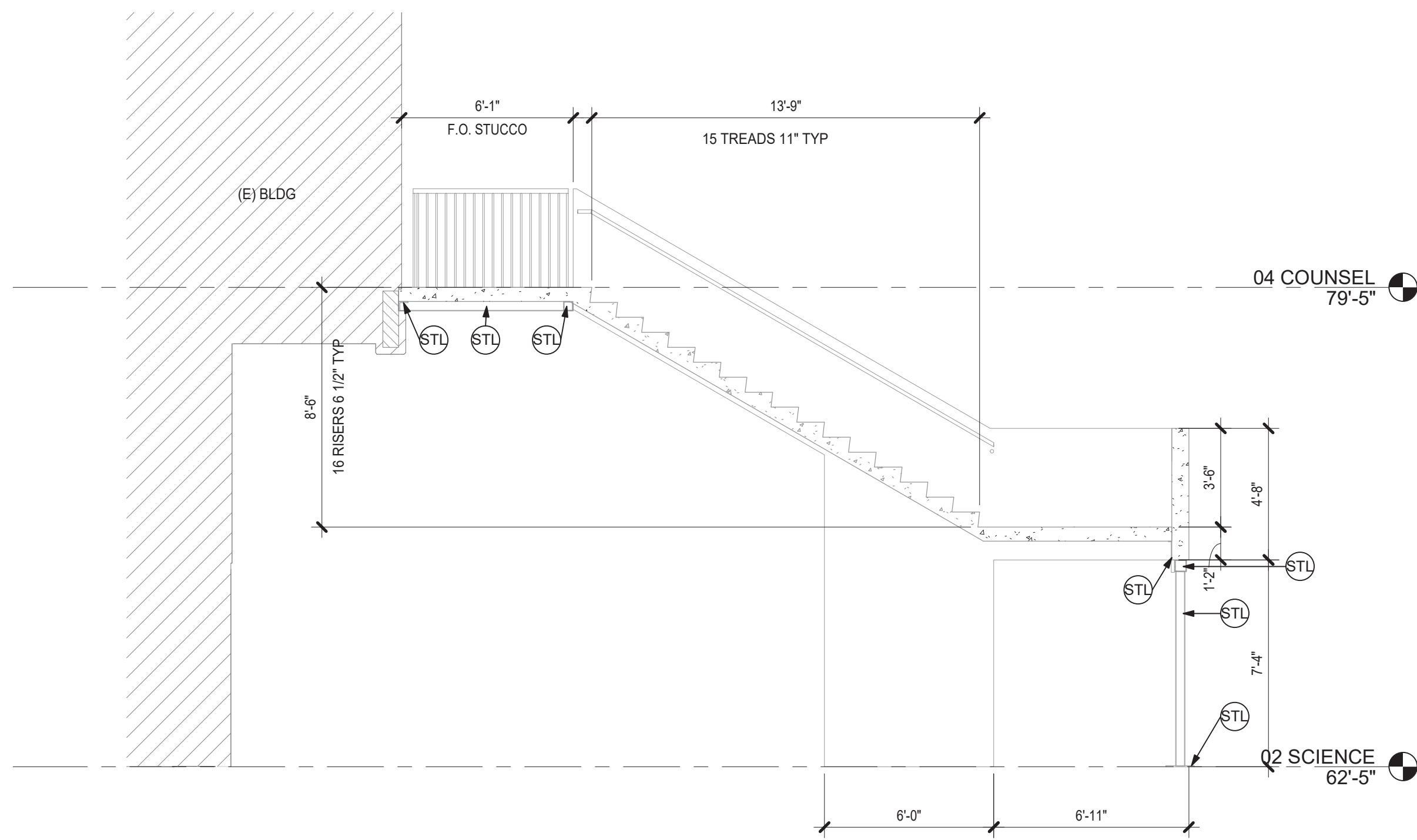
3 SECTION 3 - SE STAIRS
1/4" = 1'-0"



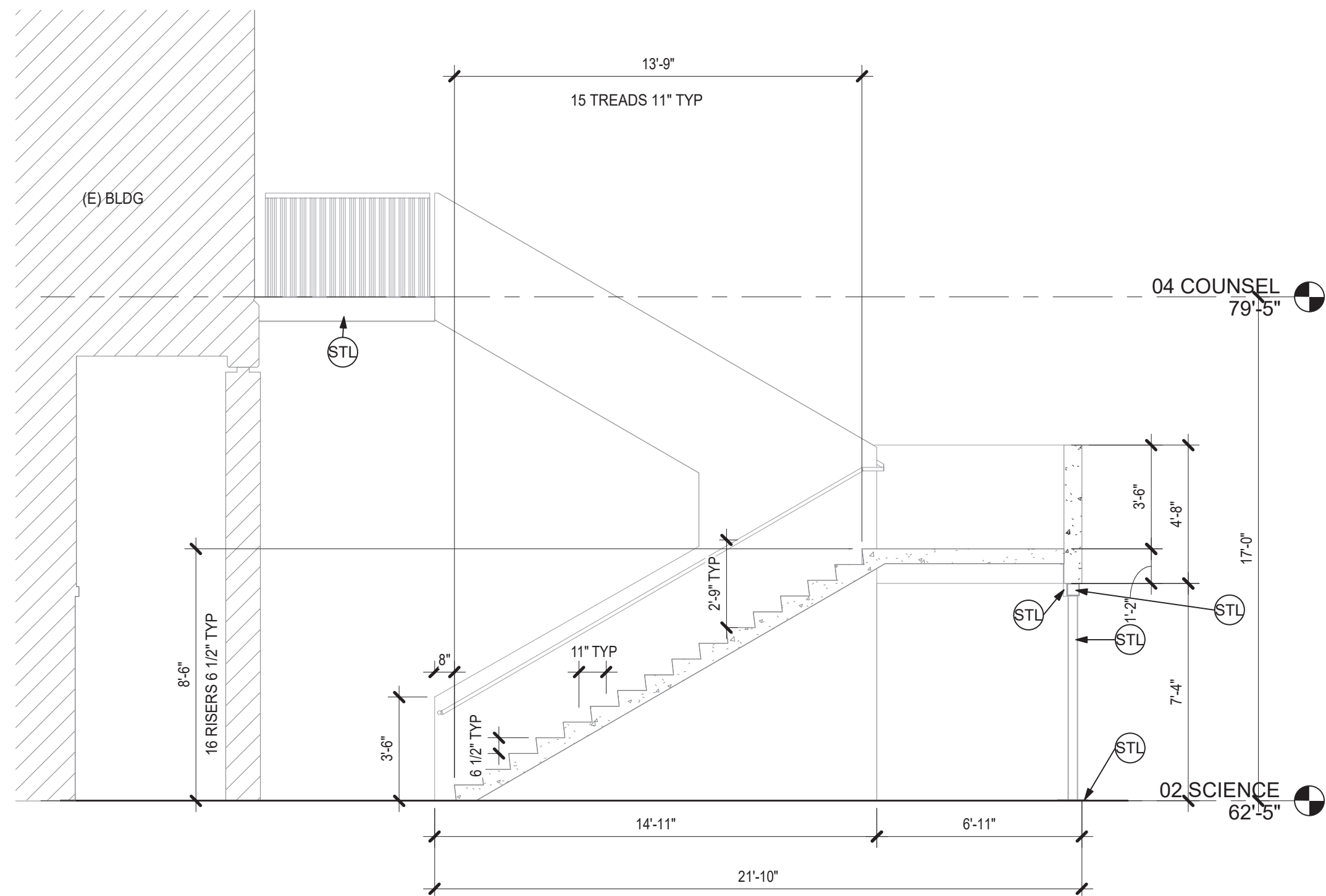
4 SECTION 4 - SE STAIRS
1/4" = 1'-0"



7 ELEVATION - SE STAIRS
1/4" = 1'-0"



5 SECTION 5 - SE STAIRS
1/4" = 1'-0"



6 SECTION 6 - SE STAIRS
1/4" = 1'-0"

GENERAL NOTES

- THE DIRECTIONS HEREIN ARE BASED ON THE "AHS CONCRETE STAIRS INSPECTION REPORT", DATED JUNE 14TH 2022, ISSUED BY ZCS ENGINEERING.
- BEFORE COMMENCING REPAIRS, TEST THE EXISTING CONCRETE TO DETERMINE IF IT IS CHEMICALLY FLAWED.
- ALL CONCRETE REPAIR WORK TO BE CONDUCTED BY A CONCRETE REPAIR SPECIALIST.
- THE UPPER TUBE STEEL STAIRS/LANDINGS AT THE NW AND NE STAIRS WILL BE REPLACED IN-KIND.
- THE UPPER TUBE STEEL LANDING AT THE SE STAIR WILL BE REPAIRED.
- ALL STEEL FRAMES (SUPPORTING INTERMEDIATE CONCRETE LANDINGS) WILL BE REPAIRED.
- ALL CONCRETE STAIRS WILL BE REPAIRED.
- INSPECT STAIRS TO VERIFY EXTENT OF STEEL AND CONCRETE REPAIR.
- FIELD VERIFY MEASUREMENTS PRIOR TO FABRICATION.

REPAIR ACTIONS

← STL CORROSION OF (E) STEEL STRUCTURE

- REPAIR ACTIONS:
- REMOVE SURFACE CORROSION
 - INSPECT FOR DAMAGE
 - PAINT WITH HIGH PERFORMANCE COATING

← CR CRACKING OF (E) CONCRETE STRUCTURE

- REPAIR ACTIONS
- INSPECT FOR LOOSE/SPALLING CONCRETE AND EXPOSED REINFORCEMENTS** (SEE NOTE SP BELOW IF FOUND)
 - FILL CRACKS WITH HIGH STRENGTH REPAIR GROUT

← SP SPALLING OF (E) CONCRETE STRUCTURE

- REPAIR ACTIONS
- REMOVE ALL LOOSE/SPALLING CONCRETE
 - INSPECT EXPOSED REINFORCEMENTS FOR CORROSION**
 - REPLACE IN FILL REMOVED CONCRETE WITH HIGH STRENGTH REPAIR GROUT

- **REPAIR ACTIONS FOR CORRODED REINFORCEMENTS
- REINFORCEMENTS WITH MINIMAL CORROSION SHOULD BE TREATED WITH A RUST PROHIBITING AGENT
 - REINFORCEMENTS WITH SIGNIFICANT CORROSION SHOULD BE REMOVED DOWN TO NON-CORRODED REINFORCEMENT AND REPLACED IN KIND (W/ PROPER SPLICE OF EMBEDMENT)

OTHER REPAIRS

- ALL CONCRETE TO BE PAINTED WITH ELASTOMERIC COATING UPON COMPLETION OF REPAIRS.
- ALL EXISTING HANDRAILS AND GUARDRAILS TO RECEIVE HIGH PERFORMANCE COATING.

REPLACEMENT ACTIONS

← R REPLACEMENT OF (E) STEEL STAIRS

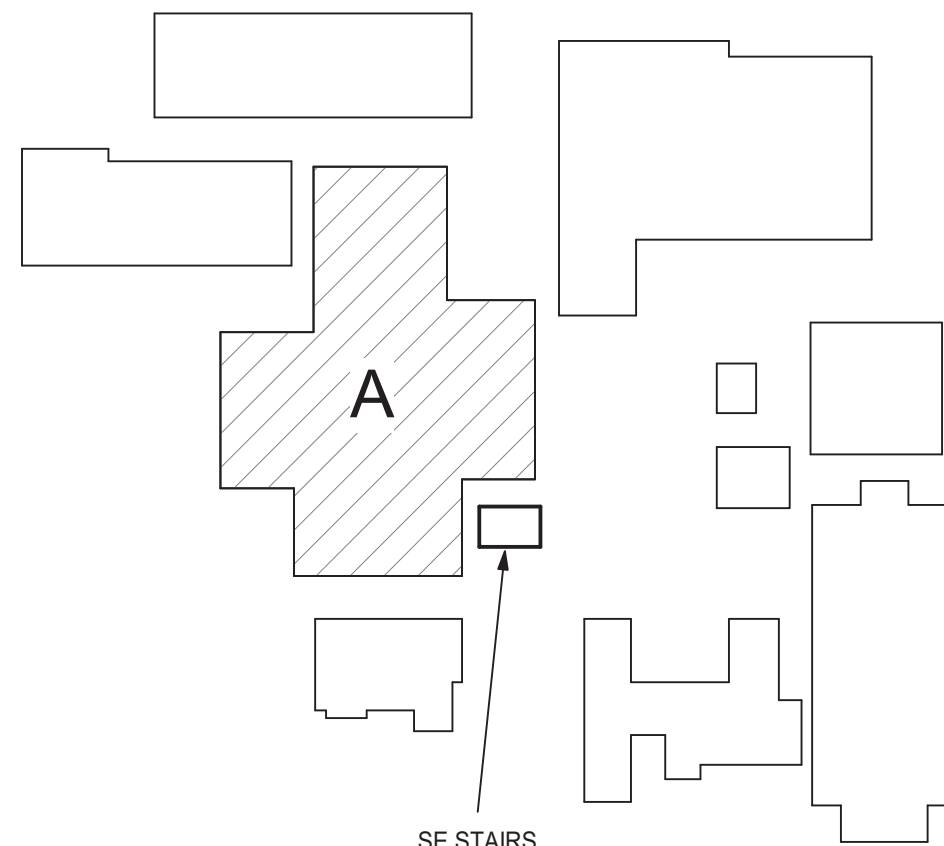
- REPLACEMENT ACTIONS:
- COMPLETELY REPLACE THE (E) STEEL STAIRS, LANDINGS, HANDRAILS, AND GUARDRAILS

DETAIL COORDINATION

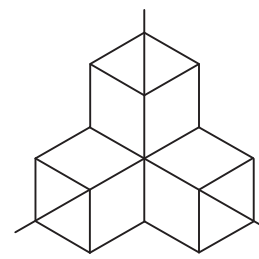
← D DETAIL

- STRUCTURAL CONNECTION DETAILS TO BE DESIGN BUILD BY GENERAL CONTRACTOR W/ STRUCTURAL ENGINEER

Key Plan



arkitek:
design and
architecture, llc



426 a street
ashland, or 97520
tel: 541.591.9988

Stamp



Ashland School District
Ashland High School - ADA

201 S MOUNTAIN AVENUE, ASHLAND OR 97520



Project

Consultant

Revisions

No.	Description	Date
-----	-------------	------

Date	07/01/2022
------	------------

Job No.	22-019
---------	--------

Drawn By	Author
----------	--------

Checked By	Checker
------------	---------

STAIRS ANALYSIS

Date

07/01/2022

Project Number

22-019

Drawing Title

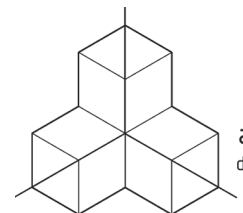
SE STAIRS
DRAWINGS,
DAMAGE AND
REPAIR

Sheet No

SA0.03

Appendix 4.1

07/25/2022



arkitek
design&architecture

DAILY FIELD REPORT

Client: Arkitek

Date: 07-22-2022

Prepared By: Joseph Gipner

Project: AHS Science & Humanities
Renovation

Weather: Sunny

Project No: M-0207-19

Comments:

Per request of Arkitek an agent of ZCS Engineering & Architecture (ZCS) performed site visit to Ashland High School for visual observations of the Humanities building concrete stair structure. The south-east concrete stair structure has had the loose and spalling concrete removed from the underside to expose the reinforcement. The majority of exposed reinforcement is completely corroded, significantly worse than previously anticipated. The corrosion at several locations is severe enough to the degree that reinforcement material is beginning to crack and separate from the main body of the rebar reinforcement.

See **Photo 1** & **Photo 2** for sample of observed reinforcement.

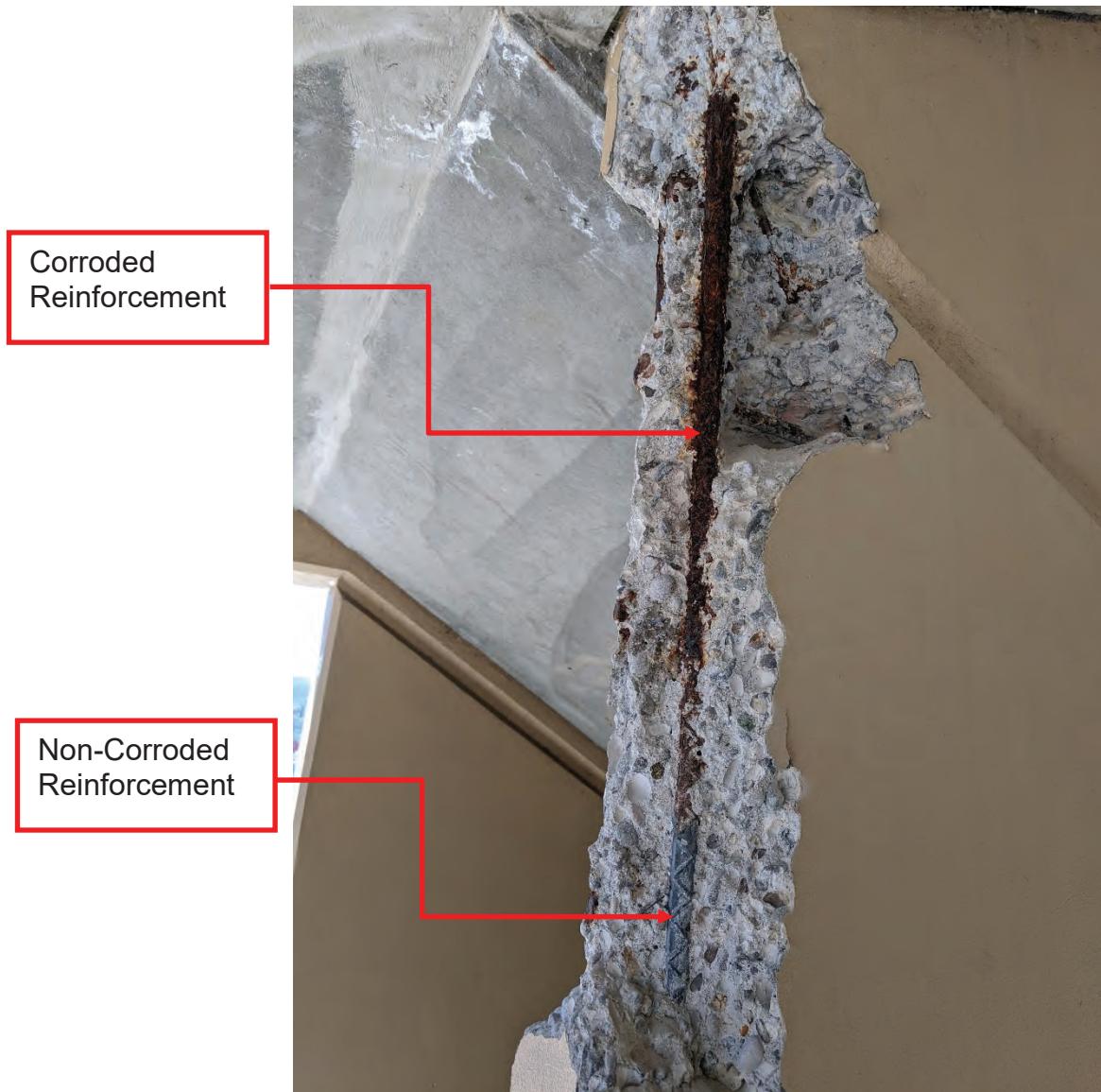


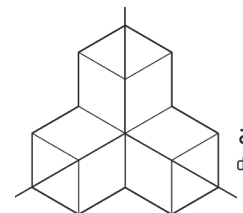
Photo 1



Photo 2

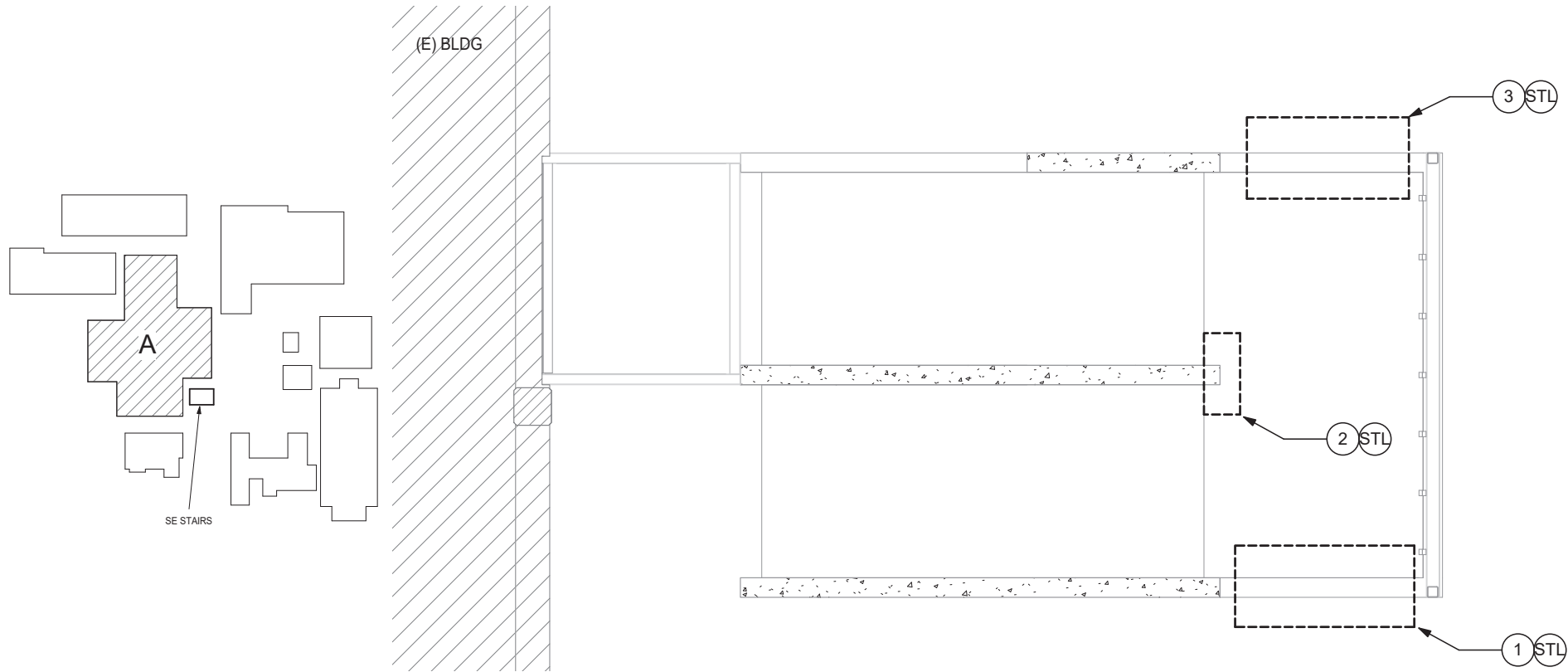
Appendix 4.2

07/25/2022



arkitek
design&architecture

APPENDIX 6 - CONDITION AT SOUTH-EAST STAIRS



1 (STL) CORROSION OF (E) STEEL STRUCTURE



2 (STL) CORROSION OF (E) STEEL STRUCTURE



3 (STL) CORROSION OF (E) STEEL STRUCTURE



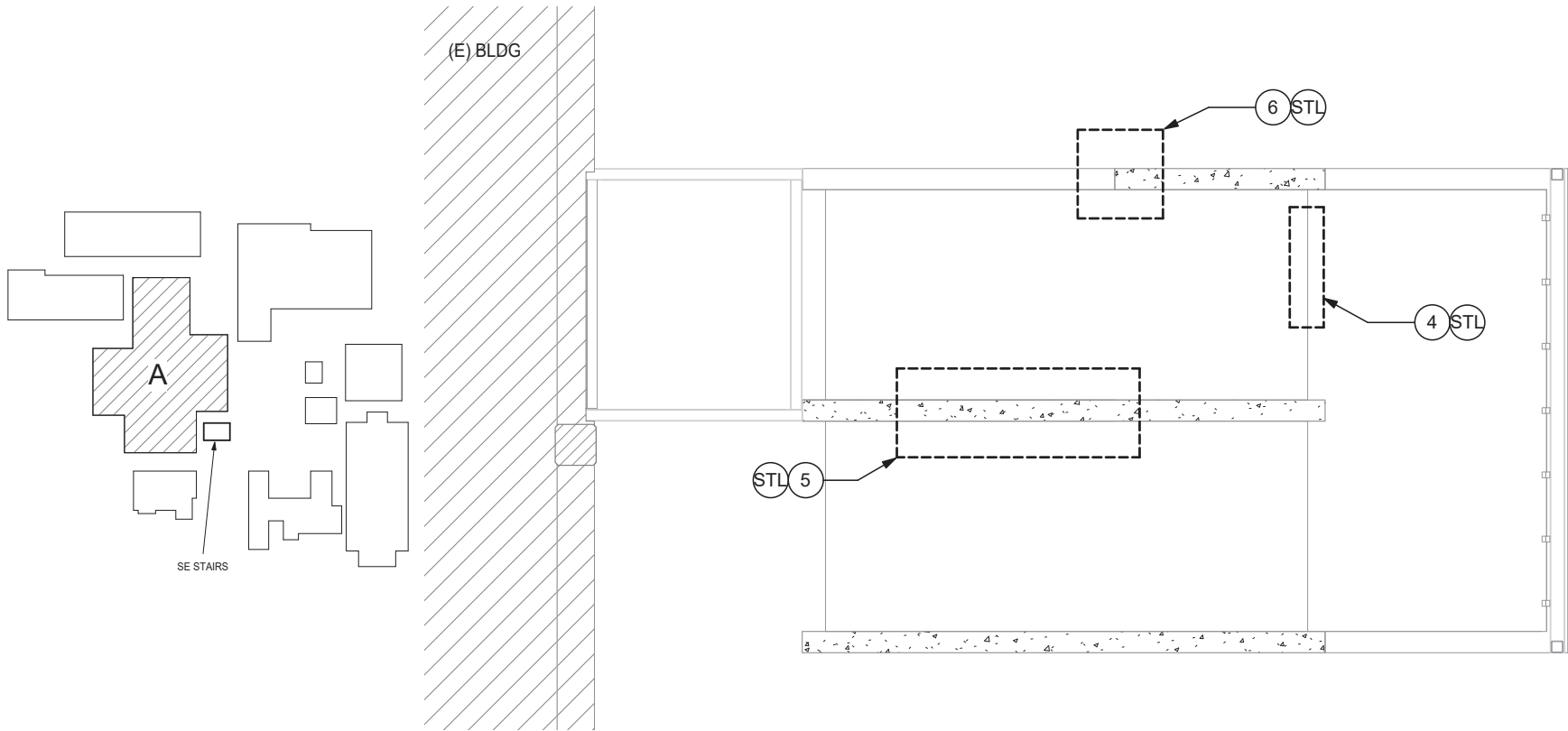
The south-east concrete stair structure has had the loose and spalling concrete removed from the underside to expose the reinforcement.

The majority of exposed reinforcement is completely corroded, significantly worse than previously anticipated.

The corrosion at several locations is severe enough to the degree that reinforcement material is beginning to crack and separate from the main body of the rebar reinforcement.

- ZCS, Field Report 07-22-2022

CONDITION AT SOUTH-EAST STAIRS



4 STL CORROSION OF (E) STEEL STRUCTURE



5 STL CORROSION OF (E) STEEL STRUCTURE



6 STL CORROSION OF (E) STEEL STRUCTURE

