BROADWAY FIELD RENOVATION

PERMIT SUBMITTAL

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

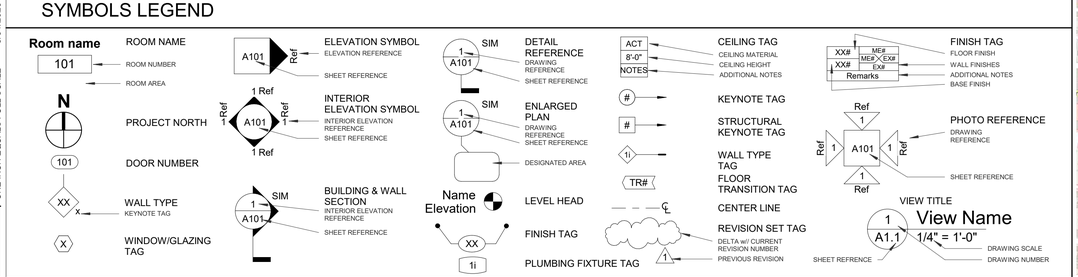
PROJECT NOTES

1. ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY SIGNIFICANT DISCREPANCIES FROM CONDITIONS SHOWN ON THE DRAWINGS.
2. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS. RESPONSIBILITY SHALL INCLUDE BUT NOT LIMITED TO DEMOLITION AND CONSTRUCTION MEANS AND METHODS, TECHNIQUES, SEQUENCING, AND SAFETY REQUIRED TO COMPLETE CONSTRUCTION.
3. BEFORE STARTING A SECTION OF WORK THE CONTRACTOR SHALL CAREFULLY EXAMINE PREPARATORY WORK THAT HAS BEEN EXECUTED. ENSURE THAT WORK AND ADJACENT RELATED WORK WILL FINISH TO PROPER PLANES AND LEVELS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
5. CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH THE CONSTRUCTION. IF THERE ARE ANY QUESTIONS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN QUESTION OR RELATE WORK.
6. THE CONTRACTOR SHALL NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL ALWAYS GOVERN. CONTRACTOR REQUIRING DIMENSIONS NOT NOTED SHALL ALWAYS CONTACT THE PROJECT TEAM FOR SUCH INFORMATION PRIOR TO PRECEDING WITH WORK RELATED TO THOSE DIMENSIONS
7. THE CONTRACTOR SHALL PROTECT, PATCH, AND REPAIR TO MATCH ANY WALLS, FLOORS, CEILINGS, AND/OR OTHER SURFACES WHICH MAY BE DISTURBED DURING THE INSTALLATION OF MECHANICAL, ELECTRICAL, PLUMBING OR OTHER OWNER WORK.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR PROPER INSTALLATION OF MATERIAL AND EQUIPMENT. PROVIDE DEMOLITION AND PATCH/REPAIR IN ALL AREAS (WHETHER SPECIFICALLY SHOWN OR NOT) TO ACCOMMODATE ALL WORK.
9. IF THE CONTRACTOR ENCOUNTERS A CONDITION NOT COVERED IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL NOTIFY AND RESOLVE THE ISSUE WITH THE PROJECT TEAM BEFORE COMMENCING ANY WORK.
10. ALL PERMITS ASSOCIATED WITH THE PROJECT SHALL BE PAID AND OBTAINED BY THE CONTRACTOR.
11. DIMENSIONS ARE TO FACE OF FRAMING UNLESS OTHERWISE NOTED.
12. GENERAL CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR JOB CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF PERSONS AND PROPERTY AND COMPLIANCE WITH OSHA SAFETY STANDARDS.
13. WHEN PORTIONS OF THE WORK ARE PERFORMED BY THE CONTRACTOR ON A DESIGN-BUILD BASIS, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN OF SUCH SYSTEMS AND FOR THE SECURING OF ALL ASSOCIATED PERMITS,. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL DESIGN BUILD SUB CONTRACTORS .
14. CONTRACTOR SHALL AVOID INTERFERENCE AND CONFLICT WITH THE BUILDING'S NORMAL OPERATION. CONTRACTOR TO COMPLY WITH THE BUILDING RULES AND REGULATIONS REGARDING SCHEDULING AND USE OF ELEVATORS AND LOADING DOCKS FOR DELIVERY AND HANDLING OF MATERIALS, EQUIPMENT, AND DEBRIS.
15. ALL KEY NOTES INDICATE NEW ITEMS TYPICALLY UNLESS NOTED OTHERWISE
16. CONTRACTOR SHALL BE RESPONSIBLE FOR ASHREA COMPLIANCE IN SCHOOL,RETAIL, AND OFFICE SPACES

ABBREVIATIONS

A.B.	ANCHOR BOLT	Ga.	GAUGE	PAF	POWDER ACTUATED FASTENER
A.C.	ASPHALT CONCRETE	GALV.	GALVANIZED	P/C	PRECAST (CONCRETE)
A.C.B.	ACOUSTICAL BOARD	GL	GRID LINE	PCF	POUNDS PER CUBIC FOOT
ACI	AMERICAN CONCRETE INSTITUTE	GLB	GLULAM BEAM	PL	PLATE
A.C.P.	ACOUSTICAL PANEL	G.B.	GRAB BAR	P.LAM.	PLASTIC LAMINATE
A.C.T.	ACOUSTICAL CEILING TILE	GND.	GROUND	PLAS.	PLASTER
ADD'L.	ADDITIONAL	GYP.	GYPSUM	P.C.P.	PORTLAND CEMENT PLASTER
A.D.	AREA DRAIN	G.W.B.	GYPSUM WALL BOARD		
ADJ.	ADJUSTABLE	H.B.	HOSE BIBB		
A.F.	ACCESS FLOORING	H.C.	HOLLOW CORE		
AGGR.	AGGREGATE	H.M.	HOLLOW METAL	PJP	PARTIAL JOINT PENETRATION
A.F.F.	ABOVE FINISHED FLOOR	HORIZ.	HORIZONTAL		
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	HSS	HOLLOW STRUCTURAL STEEL	PR.	PAIR
		IBC	INTERNATIONAL BUILDING CODE	PSF	POUNDS PER FOOT
ARCH.	ARCHITECT	I.D.	INSIDE DIAMETER	PSI	POUNDS PER INCH
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	IN.	INCH	P/T	POST-TENSIONED
		INT.	INTERIOR	P.T.	PRESSURE TREATED
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	J.B.	JUNCTION BOX	PTN.	PARTITION
		J.O.H.	JAMB OPENING HEIGHT	(R)	REMOVE
AWS	AMERICAN WELDING SOCIETY	J.O.W.	JAMB WIDTH	R., RAD.	RADIUS
		JT.	JOINT	R.C.P.	REFLECTED CEILING PLAN
BD.	BOARD	K	KIPS	R.D.	ROOF DRAIN
BITUM.	BITUMINOUS	KSF	KIPS PER SQUARE FOOT	REF.	REFERENCE
BKP.	BACKING PLATE	KSI	KIPS PER SQUARE INCH	REINF.	REINFORCING
BM.	BEAM	LAM.	LAMINATE	REQ'D.	REQUIRED
BOT./B.O.	BOTTOM/BOTTOM OF	LB.	POUND	RL.	RELOCATE
C.B.	CATCH BASIN	L.L.	LIVE LOAD	R.O.	ROUGH OPENING
CEM.	CEMENT	LLH	LONG LEG HORIZONTAL	RWD.	REDWOOD
CER.	CERAMIC	LLV.	LONG LEG VERTICAL	REV.	REVERSED
C.G.	CORNER GUARD	LOC.	LOCATION	S.C.	SOLID CORE or SLIP CRITICAL
C.I.	CAST IRON	LONG.	LONGITUDINAL	S.C.D.	SEE CIVIL DRAWINGS
C.J.	CONTROL JOINT	L.P.	LOW POINT	SCHED.	SCHEDULE
CJP	COMPLETE JOINT PENETRATION	LVF	LOW VELOCITY FASTENER	SHR.	SHOWER
		MAX.	MAXIMUM	SIM.	SIMILAR
CL ℄	CENTERLINE	MBMA	METAL BUILDING MANUFACTURERS ASSOCIATION	S.J.	SCORE JOINT
CLG.	CEILING			S.L.D.	SEE LANDSCAPING DRAWINGS
CLKG.	CAULKING				
CLO.	CLOSET	M.C.	MEDICINE CABINET	SLRS	SEISMIC LOAD RESISTING SYSTEM
CLR.	CLEAR	M.D.F.	MEDIUM DENSITY FIBERBOARD		
CMU	CONCRETE MASONRY UNIT	M.D.O.	MEDIUM DENSITY OVERLAY	S.M.	SHEET METAL
				S.M.D	SEE MECHANICAL DRAWINGS
C.O.	CASED OPENING	MECH.	MECHANICAL	S.O.G.	SLAB ON GRADE
CONC.	CONCRETE	MEMB.	MEMBRANE	SPEC.	SPECIFICATION
CONN.	CONNECTION	MFR.	MANUFACTURER	SQ.	SQUARE
CONST.	CONSTRUCTION	MH.	MANHOLE	S.S.D.	SEE STRUCTURAL DRAWINGS
CORR.	CORRIDOR	MIN.	MINIMUM		
CPT.	CARPET	MIR.	MIRROR	S.S.	STAINLESS STEEL
CTSK.	COUNTERSUNK	MISC.	MISCELLANEOUS	SSMA	STEEL STUD MANUFACTURERS ASSOCIATION
C.T.	CERAMIC TILE	M.O.	MASONRY OPENING		
CTR.	CENTER	M.P.	MIDPOINT	STD.	STANDARD
DBA	DEFORMED BAR ANCHOR	MPH	MILES PER HOUR	STRUCT.	STRUCTURAL
D.F.	DRINKING FOUNTAIN	M.S.	MACHINE SCREW	S.T.S.	SELF TAPPING SCREW
D.L.	DEAD LOAD	MT	MAGNETIC PARTICLE TESTING	SUSP.	SUSPENDED
DET.	DETAIL			SYM.	SYMMETRICAL
DIA., ⌀	DIAMETER	MTD.	MOUNTED	THRU	THROUGH
DISP.	DISPENSER	MUL.	MULLION	TYP.	TYPICAL
DR.	DOOR	(N)	NEW	TRD.	TREAD
DWG.	DRAWING	N.I.C.	NOT IN CONTRACT	T.B.	TOWEL BAR
DWR.	DRAWER	NOM.	NOMINAL	T.C.	TOP OF CURB
D.S.	DOWNSPOUT	N.T.S.	NOT TO SCALE	T & G	TONGUE AND GROOVE
D.S.P.	DRY STANDPIPE	OBS.	OBSCURE	THK.	THICK
(E)	EXISTING	o.c.	ON CENTER	TJ	TRUSS JOIST
E.J.	EXPANSION JOINT	O.C.D.	OVERHEAD COILING DOOR	T.P.	TOP OF PAVEMENT
ELEC.	ELECTRICAL			TRANS.	TRANSVERSE
EL.	ELEVATION	O.C.G	OVERHEAD COILING GRILLE	T.W.	TOP OF WALL
EQ.	EQUAL			U.N.O.	UNLESS NOTED OTHERWISE
EXPO.	EXPOSED	O.D.	OUTSIDE DIAMETER		
EXP.	EXPANSION	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED	U.T.	ULTRASONIC TESTING
EXT.	EXTERIOR			VERT.	VERTICAL
F.A.	FIRE ALARM			V.I.F.	VERIFY IN FIELD
FB.	FLAT BAR	O.F.D.	OVERFLOW DRAIN	V.T.R.	VENT THROUGH ROOF
F.D.	FLOOR DRAIN	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED	w/	WITH
FDN.	FOUNDATION			w/o	WITHOUT
FE	FIRE EXTINGUISHER	OH.	OPPOSITE HAND	W.C.	WATER CLOSET
F.E.F.	FACE OF EXISTING FINISH	OPP.	OPPOSITE	WF	WIDE FLANGE
F.H.	FLAT HEAD	OWJ	OPEN WEB JOIST	W.O.	WINDOW OPENING
FIN.	FINISH			W.P.	WORK POINT
FLR.	FLOOR				
F.O.C	FACE OF CONCRETE				
F.O.F	FACE OF FINISH				
F.O.S.	FACE OF STUDS				
F.S.	FULL SIZE				
FT.	FOOT				
FTG.	FOOTING				
FUT.	FUTURE				

SYMBOLS LEGEND



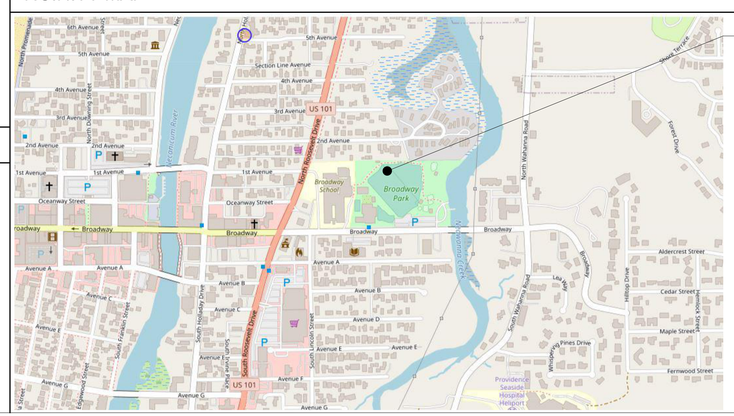
PROJECT DESCRIPTION

THE PROPOSED PROJECT IS PRECIPITATED BY A TITLE IX COMPLAINT REGARDING THE EQUITY OF THE EXISTING SOFTBALL AND BASEBALL FACILITIES. HOWEVER, THE SCOPE OF WORK IS NOT STRICTLY LIMITED TO TITLE IX COMPLIANCE AS THE PROJECT PRESENTS AN OPPORTUNITY TO MAINTAIN AND UPGRADE ATHLETIC FACILITIES AT THE BROADWAY FIELD SITE AT THE SAME TIME EFFORTS ARE MADE TO ADDRESS TITLE IX COMPLIANCE.

THE PROPOSED SCOPE OF WORK CONSISTS OF:
- RELOCATING AND UPGRADING SOFTBALL FACILITIES
- RELOCATING THE HERCHE BUILDING
- NEW SYNTHETIC TURF FOR THE SOFTBALL, BASEBALL, AND FOOTBALL/SOCCER FIELDS
- NEW PARKING LOT AND EMERGENCY VEHICLE ACCESS ROUTE NORTH OF THE SEPRD BUILDING
- SITE IMPROVEMENTS INCLUDING UTILITIES, PEDESTRIAN ROUTES, AND RAMPS

ARCHITECTURAL SCOPE OF WORKS CONSISTS OF:
- (2) CMU DUGOUTS WITH WOOD FRAMED ROOF STRUCTURE AND METAL ROOFING
- (1) SCORE KEEPERS BOX CONSTRUCTED OUT OF WOOD WITH METAL ROOFING ABOVE STORAGE SPACE BELOW. STORAGE SPACE BELOW TO BE CONSTRUCTED OUT OF CMU.
- (5) WOOD FRAMED ACCESSORY STORAGE SHEDS

VICINITY MAP



PROJECT TEAM

STAKE HOLDER GROUP:

STAKE HOLDER #1: *SEASIDE SCHOOL DISTRICT*
OWNER CONTACT: *SUSAN PENROD*
2600 SPRUCE DR, STE. 100
SEASIDE, OR 97138
T 503.738.5591

STAKE HOLDER #2: *CITY OF SEASIDE*
OWNER CONTACT: *DALE MCDOWELL*
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T 503.738.8765

STAKE HOLDER #3: *SUNSET EMPIRE PARK & RECREATION DISTRICT*
OWNER CONTACT: *SKYLAR ARCHIBALD*
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OWNER'S REP:

CONTACT: *BRIAN HARDEBECK*
OTAK CPM
808 SW THIRD AVE, STE. 800
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T 503.536.3388

CIVIL:

PROJECT DESIGNER: *BLAKE DAVIS*
PROJECT ENGINEER: *ZACHARY A. STOKES, PE*
ZCS ENGINEERING & ARCHITECTURE
524 MAIN ST., STE. 2
OREGON CITY, OR 97045
T 503.659.2205

ARCHITECT:

PROJECT DESIGNER: *LARRY SHIRTS*
STAMPING REGISTRANT: *ZACHARY A. STOKES, PE* (1)
ZCS ENGINEERING & ARCHITECTURE
524 MAIN ST., STE. 2
OREGON CITY, OR 97045
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STRUCTURAL:

PROJECT DESIGNER: *MARK SMITH*
PROJECT ENGINEER: *MATT SMITH, PE, SE*
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MEP CONSULTANT:

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T 503.212.4612

GENERAL CONTRACTOR:
TBD

SHEET INDEX

ZCS ENGINEERING ARCHITECTURE
524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATION

REGISTERED PROFESSIONAL ENGINEER
OREGON
June 7, 2012
ZACHARY A. STOKES
EXPIRES: 06-30-24

△REVISION ID:	DATE:
1 CMGC BID SET	09-01-23

PROJECT NO.	P-2821-22
DRAWN:	LJS
CHECKED:	DDS
DATE:	05-19-2023

COVER SHEET

G0.0

PERMIT SUBMITTAL

SEASIDE SCHOOL DISTRICT
BROADWAY FIELD RENOVATIONS
1400 BROADWAY STREET
SEASIDE, OR 97138

CIVIL LEGEND

HATCHES & LINE TYPES:

- NEW CONCRETE PAVING - REINFORCED
- NEW CONCRETE PAVING - UN-REINFORCED
- NEW ASPHALT PAVING - HEAVY DUTY
- NEW ASPHALT PAVING - STANDARD DUTY
- NEW SYNTHETIC TURF
- NEW LANDSCAPING - STANDARD
- PROPERTY LINE
- EXISTING EASEMENT
- 15 EXISTING SURFACE CONTOUR - MAJOR
- 17 EXISTING SURFACE CONTOUR - MINOR
- 15 NEW SURFACE CONTOUR - MAJOR
- 17 NEW SURFACE CONTOUR - MINOR
- FEMA 100 YEAR FEMA FLOODLINE
- X EXISTING FENCING
- X NEW FENCING
- IRR EXISTING IRRIGATION
- P EXISTING POWER - BURIED
- P NEW POWER - BURIED
- SD EXISTING STORM SEWER
- SD NEW STORM SEWER
- W EXISTING WATER - POTABLE
- W NEW WATER - POTABLE
- SS NEW PRESSURE RATED SEWER

SYMBOLS (NEW):

- ac 16.00 / ac 16.00 / 2.0% GRADE SPOT ELEVATION
- GRADING SLOPE
- D STORM DRAIN MANHOLE
- CATCH BASIN
- ATRIUM/BEEHIVE DRAIN
- NEW AREA DRAIN
- STORM DRAIN CLEANOUT

SYMBOLS (EXISTING):

- (e) ac 16.00 / (e) ac 16.00 GRADE SPOT ELEVATION
- S SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- D STORM DRAIN MANHOLE
- CATCH BASIN
- AREA DRAIN

ONE INCH EQUALS FULL SCALE

ABBREVIATIONS

APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ASTM	AMERICAN STANDARD TEST METHOD
AWWA	AMERICAN WATER WORKS ASSOCIATION
AD	AREA DRAIN
AC	ASPHALT
BOSW	BACK OF SIDEWALK
BWV	BACK WATER VALVE
BMP	BEST MANAGEMENT PRACTICE
BOS	BOTTOM OF STAIR
BOW	BOTTOM OF WALL
CB	CATCH BASIN
CO	CLEANOUT RISER
CONC	CONCRETE
CMP	CORRUGATED METAL PIPE
DEQ	DEPARTMENT OF ENVIRONMENTAL QUALITY
DCS	DISCHARGE CONTROL STRUCTURE
DWG	DRAWING
DIP	DUCTILE IRON PIPE
EPA	ENVIRONMENTAL PROTECTION AGENCY
ESC	EROSION AND SEDIMENT CONTROL
(E)	EXISTING
EG	EXISTING GRADE
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FL	FLOW LINE
GC	GENERAL CONTRACTOR
GB	GRADE BREAK
GRVL	GRAVEL
GRD	GROUND
GP	GUTTER PLATE
GUT	GUTTER FLOW LINE
HDPE	HIGH-DENSITY POLYETHYLENE
HMAC	HOT MIX ASPHALT CONCRETE
IE	INVERT ELEVATION
LF	LINEAL FEET
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
MAX	MAXIMUM
MIN	MINIMUM
(N)	NEW
ODOT	OREGON DEPARTMENT OF TRANSPORTATION
PVC	POLYVINYL CHLORIDE
(P)	PROPOSED
SSCO	SANITARY SEWER CLEANOUT
SW	SIDEWALK
SDCO	STORM DRAIN CLEANOUT
SDMH	STORM DRAIN MANHOLE
TOC	TIME OF CONSTRUCTION
TBC	TOP OF BACK OF CURB
TFC	TOP OF FACE OF CURB
TOS	TOP OF STAIR
TOW	TOP OF WALL
TYP	TYPICAL

PROJECT INFORMATION

STAKE HOLDER GROUP:

SEASIDE SCHOOL DISTRICT
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(503) 659-2205

SURVEYOR
JACK L. WHITE II, PLS
S & F LAND SERVICES
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BEND, OR 97703
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OTAK, INC.
808 SW THIRD AVE, STE 800
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(360) 737-9613

SEWER PROVIDER
CITY OF SEASIDE
PUBLIC WORKS
989 BROADWAY
SEASIDE, OR 97138
(503) 738-6839

CM/GC
TBD

LOT INFORMATION:

SITE LOCATION: BROADWAY FIELD
1400 BROADWAY STREET
SEASIDE, OR 97138
CLATSOP COUNTY
LATITUDE = 45.993920
LONGITUDE = -123.917254

TAX MAP: T06-R10W-S22BB NW 1/4 NW 1/4

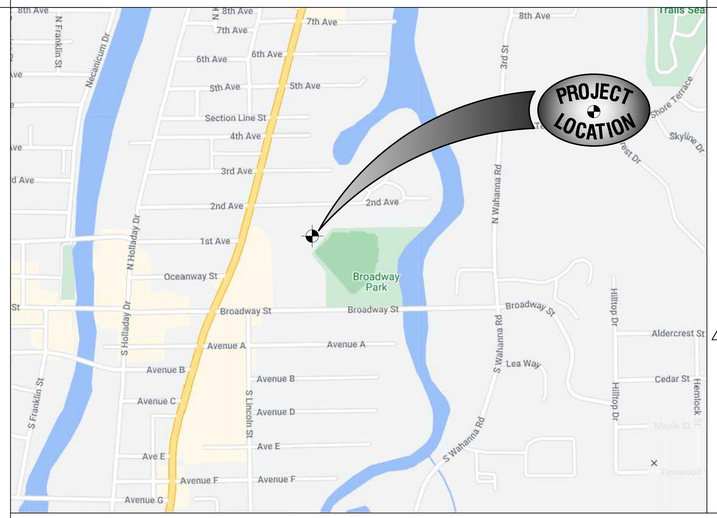
TAX LOT: 4700 & 4800

SITE ACREAGE: TOTAL OVERALL = ±598,950 SF = ±13.75 ACRES
TAX LOT 4700 = ±5.00 ACRES
TAX LOT 4800 = ±8.75 ACRES

ZONING: R-2 - MEDIUM DENSITY RESIDENTIAL

ATTENTION:
OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503 232-1987).

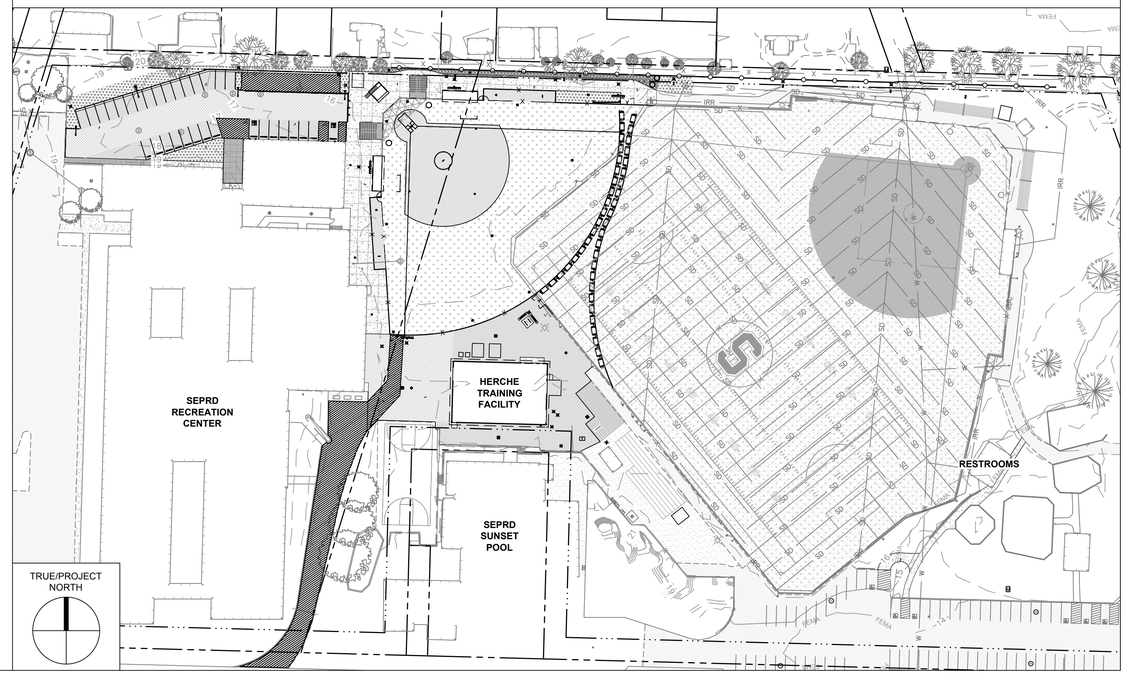
VICINITY MAP



SHEET INDEX

EROSION AND SEDIMENT CONTROL PLANS UNDER SEPARATE COVER DEQ 1200-C PERMIT XXXXXX (PLANS HAVE NOT BEEN SUBMITTED YET)

SITE PLAN



ZCS ENGINEERING ARCHITECTURE
524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2012
ZACHARY A. STOKES
EXPIRES: 06-30-24

1 REVISION ID:	DATE:
CMGC BID SET	09-01-23

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

CIVIL COVER SHEET

C0.00

PERMIT SUBMITTAL

GENERAL DEMOLITION AND PROTECTION NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LIMITS OF ASPHALT/CONCRETE/ETC. DEMOLITION AND ADJUST AS REQUIRED.
2. PROVIDE SMOOTH VERTICAL SAWCUT AT ALL EXTERIOR LIMITS OF ASPHALT/CONCRETE/ETC. REMOVAL.
3. UPON MOBILIZATION, CONTRACTOR SHALL POTHOLE EXISTING BURIED UTILITIES AND STRUCTURES (AS INDICATED) TO VERIFY HORIZONTAL AND VERTICAL ALIGNMENT, SIZE, AND MATERIAL.
4. CONTRACTOR SHALL REPORT TO ENGINEER FOR DIRECTION IN EVENT OF DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS.
5. CONTRACTOR SHALL COORDINATE VEHICULAR AND PEDESTRIAN ACCESS REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION.
6. CONTRACTOR SHALL COORDINATE UTILITY SHUTOFF(S) WITH OWNER AND UTILITY PROVIDER 48 HOURS MINIMUM PRIOR TO CONSTRUCTION TO ENSURE MINIMAL SERVICE DISRUPTION DURING OPERATION HOURS.
7. WHEREVER FEASIBLE CONTRACTOR SHALL RECYCLE REMOVED MATERIALS AT AN APPROVED LOCATION.
8. CONTRACTOR SHALL STORE SALVAGED MATERIALS ON SITE (OR AT AN APPROVED OFF SITE LOCATION) FOR REUSE.
9. WHERE INDICATED, EXISTING STRUCTURES, HARDSCAPE, AND UTILITIES/APPURTENANCES SHALL BE PROTECTED THROUGHOUT ALL PHASES OF CONSTRUCTION.

GENERAL CIVIL SITE AND FENCING NOTES:

1. INSTALL ALL FENCING PER MANUFACTURER SPECIFICATIONS.

3. COORDINATE FINAL LAYOUT WITH ENGINEER AND DISTRICT DURING CONSTRUCTION.
4. PROVIDE SUBMITTAL TO ENGINEER AND DISTRICT FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS.
5. ALL GATES SHALL MATCH ADJACENT FENCE HEIGHT, MATERIAL, AND FINISH.

GENERAL STRIPING AND SIGNAGE NOTES:

1. ALL STANDARD ON-SITE PAINTED STRIPING SHALL BE FAST DRYING "TRAFFIC LINE PAINT" CONFORMING TO THE 2021 STATE OF OREGON APWA / ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTION. ALL STRIPING SHALL BE APPLIED TWICE.
2. ALL STRIPING, SIGNS, LETTERS, AND ARROWS SHALL CONFORM TO THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD).
3. ALL ACCESSIBLE PARKING STRIPING AND SIGNAGE SHALL COMPLY WITH CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN.
4. PROVIDE SUBMITTALS FOR ALL SIGNS AND PARKING BUMPERS TO ENGINEER AND DISTRICT FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS.
5. PLACEMENT OF SIGN SHALL NOT CONFLICT WITH EXISTING DRIVEWAYS, FIRE HYDRANTS, OR OTHER STRUCTURES. COORDINATE FINAL PLACEMENT WITH ENGINEER AND DISTRICT DURING CONSTRUCTION.
6. INSTALL ALL ON-SITE SIGNS SIMILAR TO DETAIL X & X ON SHEET C5.XX.

GENERAL GRADING AND DRAINAGE NOTES:

1. ALL CONCRETE/ASPHALT/GRAVEL PAVEMENT SECTIONS SHALL BE CONSTRUCTED OVER 'Propex' 'Geotex 651' NON-WOVEN PERMEABLE GEOTEXTILE SUPPORT FABRIC OVER HARD AND UNYIELDING SUBGRADE. REFER TO PROJECT GEOTECHNICAL REPORT AND SITE PREPARATION NOTES FOR ADDITIONAL INFORMATION REGARDING PAVEMENT AND SUBGRADE PREPARATION.
2. TRANSITION BETWEEN NEW AND EXISTING ASPHALT/CONCRETE/CURB SHALL BE FLUSH AND FREE FROM ABRUPT CHANGES IN HEIGHT.
3. CONSTRUCT PAVING, STRUCTURES, AND PIPING TO GRADES, ELEVATIONS, AND ALIGNMENTS SHOWN ON PLAN.
4. ALL STORM AREA DRAINS AND CATCH BASINS SHALL HAVE A MINIMUM 24" SUMP BELOW THE OUTLET INVERT ELEVATION AND BE EQUIPPED WITH A HOOD AND TRAP.
5. UPON MOBILIZATION CONTRACTOR SHALL POTHOLE TO VERIFY VERTICAL AND HORIZONTAL ALIGNMENT, SIZE, AND MATERIAL OF EXISTING PIPES/STRUCTURES FOR TIE-IN PURPOSES. REPORT TO ENGINEER IN EVENT OF DISCREPANCY.
6. PROVIDE SUBMITTALS TO ENGINEER AND DISTRICT FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS.

GENERAL UTILITY NOTES:

1. CONSTRUCT STRUCTURES AND PIPING TO GRADES, ELEVATIONS, AND ALIGNMENTS SHOWN ON PLAN.
2. UPON MOBILIZATION CONTRACTOR SHALL POTHOLE TO VERIFY VERTICAL AND HORIZONTAL ALIGNMENT, SIZE, AND MATERIAL OF EXISTING PIPES/STRUCTURES FOR TIE-IN PURPOSES. REPORT TO ENGINEER IN EVENT OF DISCREPANCY.
3. PROVIDE SUBMITTALS TO ENGINEER AND DISTRICT FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS.
4. MAINTAIN MINIMUM 36" COVER OVER WATER LINES UNLESS NOTED OTHERWISE.
5. REFER TO STRUCTURAL PLANS FOR BUILDING PENETRATION REQUIREMENTS.
6. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR REQUIREMENTS WITHIN FIVE (5) FEET OF BUILDING FOOTPRINT AND CONTINUATION OF SERVICES.
7. REFER TO OFFICIAL POWER PLAN FROM PACIFIC POWER AND ELECTRICAL/TECHNOLOGY PLANS FOR FINAL NUMBER, SIZE, AND ROUTING OF POWER/DATA/COMMUNICATIONS CONDUIT.

ONE INCH EQUALS FULL SCALE

INSPECTIONS AND TESTING NOTES:

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING ANY AND ALL TESTING, INSPECTIONS, AND SPECIAL INSPECTIONS AS REQUIRED BY PROJECT ENGINEER, CURRENT BUILDING CODES OR JURISDICTIONS HAVING AUTHORITY. ALL TESTING MUST BE COMPLETED AND APPROVED PRIOR TO SUBSEQUENT WORK. ADDITIONAL OR FREQUENT TESTS MAY BE REQUIRED BY AGENCY, BUILDING OFFICIAL, OR ENGINEER.
2. TESTING MUST BE PERFORMED BY AN APPROVED INDEPENDENT TESTING LABORATORY RETAINED BY THE OWNER.
3. REFER TO PROJECT GEOTECHNICAL REPORT PREPARED BY NV5 FOR ADDITIONAL INSPECTION INFORMATION.
4. THESE RECOMMENDATIONS SHOULD BE CONSIDERED A MINIMUM. ADDITIONAL INSPECTION MY BE REQUIRED BY THE OWNER OR THE AGENCY HAVING JURISDICTION.

SOFTBALL FIELD:

1. SUB-GRADE: VISUAL INSPECTION OF EXCAVATION/SCARIFICATION AND SUBGRADE BY PROJECT GEOTECHNICAL ENGINEER (NOT PROOF ROLLED). SOFTBALL FIELD SUBGRADE SHALL BE PROTECTED TO ENSURE INFILTRATION CAPACITY OF IN-SITU SOIL IS MAINTAINED.
2. BASE ROCK: PROOF ROLL OBSERVED BY PROJECT GEOTECHNICAL ENGINEER.

PAVED AREAS:

1. SUB-GRADE: PROOF ROLL OBSERVED BY PROJECT GEOTECHNICAL ENGINEER.
2. BASE ROCK: PROOF ROLL OBSERVED BY PROJECT GEOTECHNICAL ENGINEER.
3. ASPHALT PAVEMENT: VISUAL INSPECTION BY OWNER AND ENGINEER OF RECORD.
4. CONCRETE PAVEMENT: VISUAL INSPECTION BY OWNER AND ENGINEER OF RECORD.

BUILDING FOOTPRINTS:

1. SUB-GRADE: PROOF ROLL OBSERVED BY PROJECT GEOTECHNICAL ENGINEER.
2. STRUCTURAL FILL: PROOF ROLL OBSERVED BY PROJECT GEOTECHNICAL ENGINEER.
3. FOUNDATION AND SLAB: AS REQUIRED BY STRUCTURAL ENGINEER.

EROSION CONTROL NOTE:

DRAWINGS C0.10 THROUGH C0.17 CONTAIN AN EROSION AND SEDIMENT CONTROL PLAN THAT MUST BE IMPLEMENTED PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE INFORMATION CONTAINED WITHIN THE REFERENCED DRAWINGS SHALL BE CONSIDERED A MINIMUM AND SHALL BE MODIFIED AS REQUIRED BY THE CONTRACTOR AND SEASIDE INSPECTOR, TO CONTAIN ALL SEDIMENT ON SITE. SPECIAL ATTENTION SHALL BE TAKEN AT ALL EXISTING STORM DRAIN CATCH BASINS AND STORM DRAIN CHANNELS AS TO ELIMINATE ANY SEDIMENT TRANSFER INTO THE EXISTING STORM DRAIN SYSTEM.

AN ALL WEATHER ROCK SURFACE SHALL BE PROVIDED AT ALL CONSTRUCTION SITE ENTRANCES. CONTRACTOR MAY ELECT TO USE EXISTING GRAVEL PAVING, AC PAVING, ETC. (IF ACCEPTABLE TO SEASIDE INSPECTOR). ALL CONSTRUCTION SHALL BE MAINTAINED WITHIN THE DEVELOPMENT LIMITS OF THIS PHASE. REFER TO DRAWINGS C0.10 THROUGH C0.17 FOR ADDITIONAL INFORMATION.

UTILITY STATEMENT:

EXISTING UNDERGROUND UTILITIES ILLUSTRATED IN THESE PLANS ARE APPROXIMATED BASED ON MAPS OBTAINED FROM THE CITY OF SEASIDE PUBLIC WORKS FILES, OR HAVE BEEN LOCATED BY A UTILITY LOCATE COMPANY. LAYOUT INDICATED IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. ALL LINES WITHIN PROJECTED WORK ZONE SHALL BE FIELD VERIFIED AS REQUIRED PRIOR TO CONSTRUCTION.

RESTORATION STATEMENT:

CONTRACTOR SHALL RESTORE BACK TO ORIGINAL CONDITION, PRIOR TO CONTRACT COMPLETION, ALL DISTURBED SURFACES IMPACTED DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, CONSTRUCTION ACCESS, SIDEWALKS, CURBS, ASPHALT, LAWN AND LANDSCAPE AREAS, ETC. DISTURBED AREAS TO BE GRADED SMOOTH AND ADEQUATELY SLOPED TO DRAIN. AREA SHALL BE CLEAN AND FINISH GRADED BEFORE FINAL DEMOBILIZATION. COORDINATE WITH ENGINEER AND OWNER AT THE TIME OF PROJECT CONSTRUCTION COMPLETION.

GENERAL CIVIL NOTES:

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE 2021 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, CURRENT OREGON PLUMBING SPECIALTY CODE, AND ALL APPLICABLE STATE, CITY, AND COUNTY REGULATIONS AND STANDARDS. CONTACT ENGINEER FOR DIRECTIVE IN THE EVENT OF CONFLICTING STANDARDS.
2. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE GOVERNING AGENCY'S INSPECTOR AND SHALL CONFORM TO THAT AGENCY'S CURRENT ENGINEERING STANDARD SPECIFICATIONS AND DETAILS.
3. THE GENERAL CONTRACTOR AND ALL THEIR AFFILIATES SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. ALL CONSTRUCTION STAKING, GRADE SURVEYING, AND HORIZONTAL LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF OREGON; COORDINATE WITH ENGINEER PRIOR TO CONSTRUCTION.
5. ALL EXISTING UTILITIES IDENTIFIED IN THIS PLAN SET ARE NOT INTENDED TO BE EXACT OR COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ALL UTILITIES AND PROTECT AS REQUIRED DURING THE COURSE OF CONSTRUCTION. CALL THE "OREGON UTILITY NOTIFICATION CENTER" AT 1-800-332-2344 TO LOCATE EXISTING UTILITIES, 48 HOURS BEFORE DIGGING.
6. CONTRACTOR SHALL NOTIFY ALL APPLICABLE REGULATORY AGENCIES AND UTILITY COMPANIES 48 HOURS PRIOR TO BEGINNING WORK.
7. ALL EXCAVATION, TRENCH BACK FILL, PARKING LOT/ROAD SUB-GRADE, FLAT WORK SUB-GRADE, COMPACTION REQUIREMENTS, ETC. SHALL BE AS NOTED IN THE SITE PREPARATION NOTES AND/OR THE PROJECT GEOTECHNICAL REPORT.
8. ALL BASE ROCK PLACED UNDER PAVEMENT AND IN UTILITY TRENCHES SHALL CONFORM TO THE 2021 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
9. ALL ASPHALT CONCRETE AND PORTLAND CEMENT CONCRETE PAVEMENT AND ITS PLACEMENT SHALL CONFORM TO THE 2021 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
10. ALL SITE CONCRETE SHALL BE f'c = 3,500 psi @ 28 DAYS, 6% ENTRAINED AIR, 4" SLUMP (UNLESS NOTED OTHERWISE).
11. ALL UTILITY SERVICES SHALL BE INSTALLED PER THE RESPECTIVE UTILITY CODES AND STANDARDS.
12. ALL UTILITIES SHALL HAVE A MINIMUM COVER AS IDENTIFIED IN THE PLAN SET OR AS OTHERWISE SPECIFIED BY THE RESPECTIVE UTILITY COMPANY.
13. ALL SERVICES SHALL BE ADEQUATELY MARKED AS TO IDENTIFY THE SIZE, TYPE, AND DEPTH OF THE SERVICE. CONTRACTOR TO PROVIDE LOCATE WIRE/TAPE AS REQUIRED BY THE APPLICABLE AGENCIES.
14. ALL UNDERGROUND UTILITIES AND SERVICE LATERALS SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF CURBS AND GUTTERS. CONTRACTOR SHALL STAMP CURBS OR SIDEWALKS (AS APPLICABLE) TO MARK THE LOCATIONS OF ALL SERVICE LINES (S - SANITARY, W - WATER, D - STORM DRAIN, G - GAS).
15. ALL SERVICES AND SLEEVES SHALL BE PLUGGED AS REQUIRED TO ENSURE THAT NO FOREIGN MATERIALS ENTER THE LINE.
16. GAS, POWER, TELEPHONE, CABLE, AND FIBER OPTIC LINES SHALL BE INSTALLED BASED ON THE PLANS AND SPECIFICATIONS PROVIDED BY THE APPLICABLE UTILITY COMPANIES. APPROXIMATE UTILITY LOCATIONS HAVE BEEN PROVIDED ON THIS PLAN SET AS A REFERENCE. CONTRACTOR SHALL COORDINATE TRENCH EXCAVATIONS, CONDUIT INSTALLATIONS, BEDDING, BACKFILLING, AND INSPECTION REQUIREMENTS WITH THE APPROPRIATE UTILITY REPRESENTATIVES.
17. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH AN AS-BUILT DRAWING OF ALL UTILITY SERVICE INSTALLATIONS INCLUDING THE SERVICE SIZE, TYPE, DEPTH OF MAIN, TYPE OF CONNECTION AT MAIN, INSTALLATION DATE, LOCATION, AND SKETCH (AS APPLICABLE).
18. CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. COORDINATE WITH THE ENGINEER PRIOR TO CONSTRUCTION TO IDENTIFY PERMIT REQUIREMENTS.
19. ALL ON-SITE DOMESTIC WATER LINES SHALL BE PVC WATER PIPE CONFORMING TO ASTM D 1785 WITH SOLVENT-CEMENTED JOINTS. REFER TO MECHANICAL/PLUMBING PLANS FOR ALL PIPING REQUIREMENTS WITHIN 5' OF STRUCTURES.
20. ALL SANITARY SEWER WASTE LINES SHOWN OUTSIDE THE BUILDING FOOTPRINT SHALL BE PVC SEWER PIPE CONFORMING TO ASTM D 3034 - SDR 35 WITH GASKET JOINTS. REFER TO MECHANICAL/PLUMBING PLANS FOR ALL PIPING REQUIREMENTS WITHIN 5' OF STRUCTURES.
21. SANITARY LINES SHALL BE REQUIRED TO PASS A LOW PRESSURE AIR TEST OR WATER TEST CONFORMING TO THE 2021 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND UNIFORM PLUMBING CODE SPECIFICATIONS PRIOR TO FINAL ACCEPTANCE. ALL PARTS OF THE SYSTEM SHALL BE CLEANED PRIOR TO TESTING AND FINAL ACCEPTANCE. THE CONTRACTOR SHALL NOT ALLOW ANY FOREIGN MATERIAL TO ENTER THE EXISTING SYSTEM. THE CONTRACTOR SHALL PROVIDE THE REQUIRED PERSONNEL AND MATERIALS TO PERFORM THE ABOVE TESTS. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH DOCUMENTATION OF THE TEST RESULTS FOR APPROVAL.
22. ALL SEWER MANHOLES SHALL BE HYDROSTATICALLY TESTED PER THE 2021 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL PROVIDE THE REQUIRED PERSONNEL AND MATERIALS TO PERFORM THE ABOVE TESTS. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH DOCUMENTATION OF THE TEST RESULTS FOR APPROVAL.
23. EXISTING SEWER SERVICES MUST BE TV INSPECTED AND APPROVED BY THE APPLICABLE AGENCY PRIOR TO THEIR REUSE. IF DEFICIENCIES IN THE SERVICE LINES/CONNECTIONS ARE DISCOVERED DURING THE INSPECTION, THEY MUST BE CORRECTED BASED ON THE APPLICABLE AGENCY STANDARDS.
24. STORM COLLECTION SYSTEM IS DESIGNED FOR WATER TIGHT COMPONENTS.
25. ALL STORM PIPE IDENTIFIED AS 'PVC' SHALL BE ASTM D 3034 - SDR 35. ALL STORM PIPE IDENTIFIED AS 'HDPE' SHALL BE ADVANCED DRAINAGE SYSTEMS 'N-12 WT IB'. ALL STORM PIPE IDENTIFIED AS 'CMP' SHALL BE 12 GUAGE GALVANIZED CORRUGATED METAL. ALL STORM PIPE IDENTIFIED AS 'PERF' SHALL BE ADS SING WALL CORRUGATED, PERFORATED 'HDPE' PIPE (OR APPROVED EQUAL). SEE PLAN SET FOR ADDITIONAL INFORMATION.

GENERAL CIVIL NOTES (CONTINUED):

26. ALL STORM COLLECTION SYSTEM CONNECTIONS AND COMPONENTS SHALL CONFORM TO PIPE MANUFACTURER REQUIREMENTS. CONTRACTOR TO COORDINATE FINAL STORM SYSTEM LAYOUT WITH ENGINEER AND STORM SYSTEM SUPPLIER PRIOR AT TIME OF CONSTRUCTION. STORM SYSTEM COMPONENT SHOP DRAWINGS SHALL BE PROVIDED FOR ENGINEER'S REVIEW PRIOR TO CONSTRUCTION.
27. ALL CATCH BASINS SHALL BE AS IDENTIFIED ON PLAN SET. ALL STORM SYSTEM CATCH BASINS SHALL BE PROVIDED WITH A MINIMUM 24" SETTLEMENT SUMP BELOW THE LOWEST PIPE INVERT (UNLESS NOTED OTHERWISE) AND A POLLUTION CONTROL HOOD AND TRAP SYSTEM. REFER TO PLAN SET FOR ADDITIONAL INFORMATION.
28. CONTRACTOR SHALL PROVIDE ENGINEER WITH SHOP DRAWING SUBMITTALS ON ALL PERMANENTLY INSTALLED MANUFACTURED ITEMS.
29. ALL UNDERGROUND PIPING, CONDUIT AND OTHER UTILITIES SHALL BE INSTALLED PER **ODOT STD. DRAWING RD300/LOCAL AGENCY SPEC/ZCS DETAIL CALLOUT** (OR AS OTHERWISE SPECIFIED BY PIPE MANUFACTURER). NOTIFY ENGINEER IN EVENT OF DISCREPANCIES.
30. ALL TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC SHALL BE BY THE CONTRACTOR AND CONFORM WITH BOTH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE ODOT MANUAL ON SHORT TERM TRAFFIC CONTROL (AS APPLICABLE).
31. PREPARATION OF ALL LANDSCAPED AREAS SHALL BE AS NOTED ON THE OVERALL SITE PLAN. THE ENGINEER SHALL INSPECT ALL LANDSCAPE PLANTER GRADES PRIOR TO RECEIVING FINAL SURFACE TREATMENT.
32. HOLD SUB-GRADE ELEVATIONS DOWN 4" WITHIN LANDSCAPE AREAS RECEIVING GROUND COVER AND/OR LAWN. REFER TO LANDSCAPE NOTES FOR ADDITIONAL INFORMATION PERTAINING TO TOP SOIL REQUIREMENTS.
33. ALL PAINTED MARKINGS SHALL BE INSTALLED WITH FAST DRYING TRAFFIC LINE PAINT APPLIED IN TWO SEPARATE APPLICATIONS PER THE OREGON APWA / ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.
34. SAND SEAL AND TACK ALL CUT ASPHALT EDGES WHEN PLACING NEW ASPHALT ADJACENT TO EXISTING ASPHALT.
35. SEE PLAN SET FOR ADDITIONAL INFORMATION.

SITE PREPARATION NOTES:

CLEARING AND GRUBBING -

1. REFER TO STRUCTURAL (FOUNDATION) PLANS FOR SPECIFIC SOIL EXCAVATION AND BACKFILL REQUIREMENTS WITHIN BUILDING FOOTPRINT.
2. ALL AREAS BELOW ROADWAYS, PARKING AREAS, AND WALKWAYS SHALL BE CLEARED AND GRUBBED OF ALL PAVEMENT, FOREIGN MATTER, DEBRIS, ORGANIC AND DISTURBED MATERIAL, (U.N.O.) STRIPPING DEPTHS WILL VARY DEPENDING ON LOCATION AND PAVEMENT SECTION REQUIREMENTS. ALL EXPOSED MATERIAL SHALL BE MOISTURE CONDITIONED TO WITHIN 2% OF OPTIMUM PRIOR TO PLACEMENT OF FILL MATERIAL DESCRIBED BELOW.
3. ALL CLEARED AND GRUBBED MATERIAL NOT UTILIZED FOR THE PROJECT SHALL BE REMOVED FROM THE CONSTRUCTION SITE. CONTRACTOR SHALL COORDINATE APPROVED DISPOSAL LOCATION. IF OVER 50 CUBIC YARDS OF MATERIAL ARE TO BE HAULED TO ANY SITE WITHIN CITY LIMITS A SITE CONSTRUCTION PERMIT WILL BE REQUIRED FOR THE DISPOSAL SITE. COORDINATE WITH CITY INSPECTOR AT TIME OF CONSTRUCTION.
4. ALL AREAS WITH ABANDONED UTILITY LINES, STORM DRAINS, UNDERGROUND TANKS, ETC. WHICH PROVIDE VOID SPACE BENEATH THE SURFACE SHALL BE LOCATED AND REMOVED PRIOR TO GRADING ACTIVITIES.
5. ALL HOLES, DEPRESSIONS, AND UNDISTURBED NATIVE MATERIAL SHALL BE CLEARED OF ALL LOOSE AND ORGANIC MATERIAL PRIOR TO BACKFILLING WITH APPROVED STRUCTURAL FILL.
6. AFTER CLEARING THE ABOVE MENTIONED AREAS, ALL EXPOSED SUB-GRADE SHALL BE PROOF ROLLED WITH A LOADED DUMP TRUCK OR HEAVY NON-VIBRATORY ROLLER. SOILS SHALL BE REMOVED AND RECOMPACTED OR REPLACED WITH APPROVED IMPORTED STRUCTURAL FILL IF THEY DO NOT DEMONSTRATE A FIRM, UNYIELDING CONDITION. GEOTECHNICAL ENGINEER SHALL APPROVE SUB-GRADE SURFACE PRIOR TO STRUCTURAL FILL IMPORT EXPLAINED BELOW.

STRUCTURAL FILL PLACEMENT AND COMPACTION -

7. APPROVED STRUCTURAL FILL SHALL BE IMPORTED AND PLACED BENEATH AREAS RECEIVING ASPHALT AND/OR CONCRETE PAVEMENT.
8. ALL VEHICULAR TRAFFIC AREAS RECEIVING ASPHALT AND/OR CONCRETE SHALL BE PROVIDED WITH AN APPROVED NON-WOVEN GEOTEXTILE FABRIC APPLIED DIRECTLY OVER THE SUB-GRADE DESCRIBED ABOVE. SEE PLAN SET FOR ADDITIONAL DETAILS.
9. STRUCTURAL FILL MATERIALS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO IMPORTING. ALL FILL SHALL BE FREE OF ORGANIC AND EXPANSIVE CLAY MATERIAL. ALL BASE ROCK SHALL CONFORM TO THE SPECIFICATIONS IDENTIFIED IN THE PLAN SET.
10. STRUCTURAL FILL PLACEMENT LIFTS TO BE DETERMINED BY THE GEOTECHNICAL ENGINEER BASED ON MATERIAL PROPERTIES AND TYPE OF COMPACTION EQUIPMENT USED. BASE ROCK PLACEMENT LIFTS SHALL NOT EXCEED 8". EACH LIFT SHALL BE NEARLY EQUAL IN THICKNESS AND COMPACTED TO A MINIMUM OF 95% OF ASTM D1557. FILLS SHALL BE PLACED AT OR SLIGHTLY ABOVE THEIR OPTIMUM MOISTURE CONTENT.
11. IN ADDITION TO THE NOTES ABOVE, ALL SITE PREPARATION AND SUBSURFACE WORK SHALL CONFORM TO THE PROJECT GEOTECHNICAL INVESTIGATION REPORT AS PREPARED BY NV5, DATED 04/12/2023.

SPECIAL CONCRETE NOTES:

THE FOLLOWING NOTES APPLY TO ALL PROJECT CONCRETE. CERTAIN NOTES MAY NOT BE APPLICABLE. CONTACT THE ENGINEER OF RECORD FOR CLARIFICATION AS REQUIRED:

1. ALL FLATWORK CONCRETE TO BE F'C = 3,500 PSI UNLESS NOTED OTHERWISE. ALL RETAINING WALL CONCRETE TO BE F'C = 4,000 PSI UNLESS NOTED OTHERWISE. PROVIDE STANDARD CONCRETE TESTING PUCKS FROM CONCRETE SUPPLIER.
2. ALL CONCRETE TO HAVE 6% (±1%) AIR ENTRAINMENT
3. PERFORM WORK IN ACCORDANCE WITH ACI 301 AND ACI 318. FOLLOW RECOMMENDATIONS OF ACI 305R WHEN CONCRETING DURING HOT WEATHER AND ACI 306R WHEN CONCRETING DURING COLD WEATHER. PLACE CONCRETE IN ACCORDANCE WITH ACI 304R. ENSURE REINFORCEMENT, INSERTS, EMBEDDED PARTS, FORMED JOINTS ARE NOT DISTURBED DURING CONCRETE PLACEMENT. PLACE CONCRETE CONTINUOUSLY OVER THE FULL WIDTH OF THE PANEL AND BETWEEN PREDETERMINED CONSTRUCTION JOINTS
4. ALL CONCRETE SHALL BE PLACED OVER 4" MINIMUM LAYER (UNLESS NOTED OTHERWISE) OF APPROVED 3/4" MINUS ODOT SPEC CRUSHED ROCK COMPACTED TO 95% AASHTO T-99 OVER APPROVED COMPACTED (ASTM D698) STRUCTURAL FILL AS REQUIRED FOR GRADE OVER FIRM, UNDISTURBED, NON-ORGANIC NATIVE MATERIAL. THE EXISTING SITE SHALL BE CLEARED AND GRUBBED OF ALL ORGANIC AND/OR EXPANSIVE MATERIAL PRIOR TO STRUCTURAL FILL IMPORT
5. ALL BACKFILL SHALL BE NON-ORGANIC, NON-EXPANSIVE GRANULAR MATERIAL COMPACTED TO 95% PROCTOR
6. REINFORCING STEEL SHALL CONFORM TO ASTM A 615/A 615M GRADE 60 (420); DEFORMED BILLET STEEL BARS; UNFINISHED FINISH. STEEL WELDED WIRE REINFORCEMENT SHALL BE PLAIN TYPE, ASTM A 185/A 185M; IN FLAT SHEETS; UNFINISHED. DOWELS SHALL CONFORM TO ASTM A 615/A 615M GRADE 40 (280); DEFORMED BILLET STEEL BARS; UNFINISHED FINISH. ALL TIE WIRE SHALL BE A MINIMUM OF #16 ANNEALED STEEL.
7. PLACE AND SECURE FORMS TO CORRECT LOCATION, DIMENSION, PROFILE, AND GRADIENT. ASSEMBLE FORMWORK TO PERMIT EASY STRIPPING AND DISMANTLING WITHOUT DAMAGING CONCRETE. PLACE JOINT FILLER VERTICAL IN POSITION, IN STRAIGHT LINES. SECURE TO FORMWORK DURING CONCRETE PLACEMENT. HOLD TOP OF PRE-MOLDED JOINT FILLER DOWN 1/2" AND SEAL UPPER 3/8" WITH APPROVED JOINT SEAL MATERIAL.
8. RETAINING WALLS TO BE AT MINIMUM 80% DESIGN STRENGTH AND 7 DAYS CURE PRIOR TO ANY BACKFILL PLACEMENT.
9. NO HORIZONTAL CONSTRUCTION JOINTS PERMITTED
10. MAXIMUM VARIATION OF SURFACE FLATNESS SHALL NOT EXCEED 1/4 INCH IN 10 FT AND MAXIMUM VARIATION FROM TRUE POSITION SHALL NOT EXCEED 1/4 INCH
11. IMMEDIATELY AFTER PLACEMENT, PROTECT PAVEMENT FROM PREMATURE DRYING, EXCESSIVE HOT OR COLD TEMPERATURES, AND MECHANICAL INJURY. DO NOT PERMIT PEDESTRIAN TRAFFIC OVER PAVEMENT FOR 7 DAYS MINIMUM AFTER FINISHING.
12. FINISH AS FOLLOWS:
    - A. SIDEWALK PAVING: LIGHT BROOM, TEXTURE PERPENDICULAR TO DIRECTION OF TRAVEL WITH TROWELED AND RADIUSED EDGE 1/2 INCH RADIUS
    - B. CURBS AND GUTTERS: LIGHT BROOM, TEXTURE PARALLEL TO DIRECTION OF FLOW
    - C. RETAINING WALLS: SMOOTH RUBBED FINISH. WET CONCRETE AND RUB WITH CARBORUNDUM BRICK OR OTHER ABRASIVE, NOT MORE THAN 24 HOURS AFTER FORM REMOVAL. REPAIR/PLUG SURFACE DEFECTS, INCLUDING TIE HOLES, IMMEDIATELY AFTER REMOVING FORM WORK.
    - D. PLACE CURING COMPOUND ON EXPOSED CONCRETE SURFACES IMMEDIATELY AFTER FINISHING. APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

LANDSCAPE NOTES:

1. GRASS SEED MIX TO BE USED, 'PRO-TIME #301 WATER SMARTER TALL FESCUE BLEND' (OR APPROVED EQUAL). INSTALL PER MANUFACTURER RECOMMENDATIONS. CONTACT PRO-TIME AT (503) 239-7518 FOR ALL INFORMATION. APPLICATION RATE OF 8 POUNDS PER 1000 SQUARE FEET UNLESS OTHERWISE NOTED.
2. DO NOT PERFORM WORK WHEN SOIL IS SATURATED. IF SOIL IS EXTREMELY DRY, WATER FOR AN HOUR THE DAY PRIOR TO COMMENCING WORK. DO NOT PERFORM WORK WHEN TEMPERATURES ARE OVER 90 DEGREES OR UNDER 60 DEGREES (DAYTIME).
3. WHERE SOD HAS BEEN COMPLETELY REMOVED TO FACILITATE NEW IMPROVEMENTS, FILL IN WITH TOPSOIL LEVEL WITH ADJACENT CONDITION AND TAMP DOWN LIGHTLY.
4. WHERE SOD HAS NOT BEEN REMOVED, BUT IS BARE OR COMPACTED, RAKE OUT THATCH AND SCARIFY TO 1" DEPTH WITH A LAWN SCARIFIER OR HARD RAKE.
5. AT BARE AREAS, INCORPORATE 1" OF COMPOST INTO TOP 2" OF TOP SOIL AND TAMP LIGHTLY. WHERE TURF ALREADY EXISTS, APPLY 1" OF COMPOST ON TOP OF IT AND TAMP LIGHTLY.
6. DISTRIBUTE SEED WITH A BROADCAST SPREADER FOR ANY AREAS OVER 10 SQUARE FEET. DISTRIBUTE SEED BY HAND FOR SMALLER AREAS. SEE GRASS SEED MIX NOTE FOR APPLICATION RATE.
7. AFTER BROADCASTING SEED, APPLY 1/8" OF GRASS STRAW MULCH (OR APPROVED EQUAL), AVAILABLE AT PRO-TIME (503) 239-7518. APPLY BY HAND OR WITH A MESH SPREADER FOR LARGER AREAS.
8. CORDON OFF THE NEWLY SEEDED AREA WITH 18" STAKES AND STRING FOR AT LEAST 30 DAYS.
9. HAND WATER TO KEEP THE AREA MOIST BUT WITHOUT PUDDLES UNTIL THE NEW TURF IS ESTABLISHED. DO NOT ENTER THE CORDONED OFF AREA, WATER FROM OUTSIDE THE STRING LINE. WATER ACCORDING TO THE FOLLOWING SCHEDULE:
    - FOR THE FIRST 2 WEEKS: WATER 5-10 MINUTES BOTH MORNING AND EVENING, IF IT IS HOT WEATHER/FULL SUN. WATER ONCE A DAY IF WEATHER IS COOL AND/OR LOCATION IS SHADY.
    - FOR THE NEXT 3 MONTHS: WATER EVERY 1-2 DAYS IF WEATHER IS HOT, EVERY THIRD DAY IF WEATHER IS COOL. AVOID OVERWATERING OR WATERING TOO FAST AS THE SEED WILL DRIFT, CLUMP, AND LEAVE BARE SPOTS.
10. ONCE ROOTS HAVE BEEN ESTABLISHED (±1 MONTH), FERTILIZE WITH A SLOW RELEASE ORGANIC TURF FERTILIZER PER MANUFACTURER SPECIFICATIONS.
11. DO NOT REMOVE CORDON FENCE OR MOW GRASS UNTIL GRASS BLADES ARE 3-4" TALL.

ZCS
ENGINEERING
ARCHITECTURE

524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER 81129PE OREGON June 7, 2012 ZACHARY A. STOKES

EXPIRES: 06-30-24

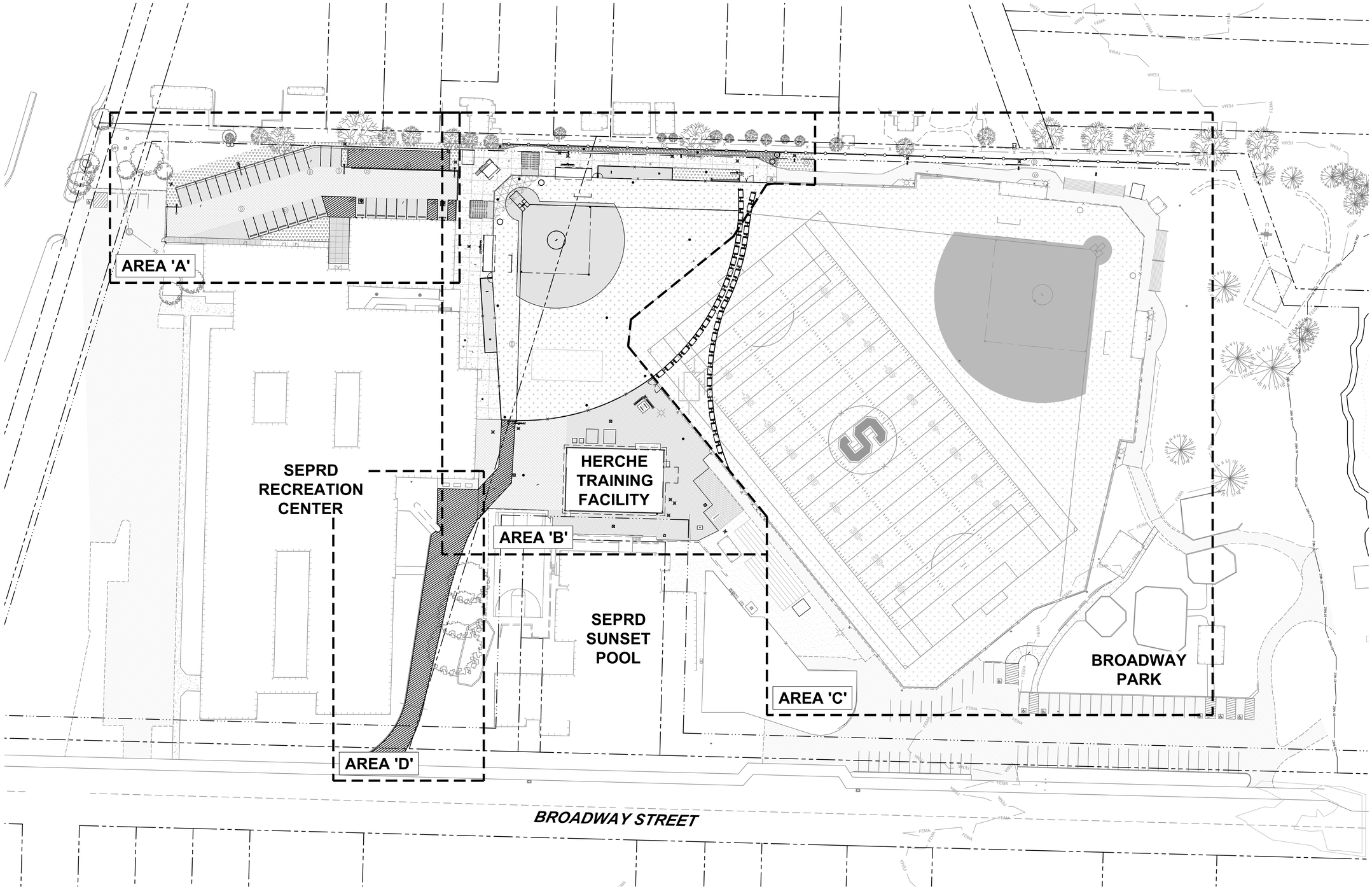
△ REVISION ID:	DATE:

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

CIVIL NOTES

C0.01

PERMIT SUBMITTAL



1 C1.00 **SITE KEY PLAN**

1"=40'

ONE INCH EQUALS FULL SCALE

ZCS ENGINEERING ARCHITECTURE

524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2016
ZACHARY A. STOKES
EXPIRES: 06-30-24

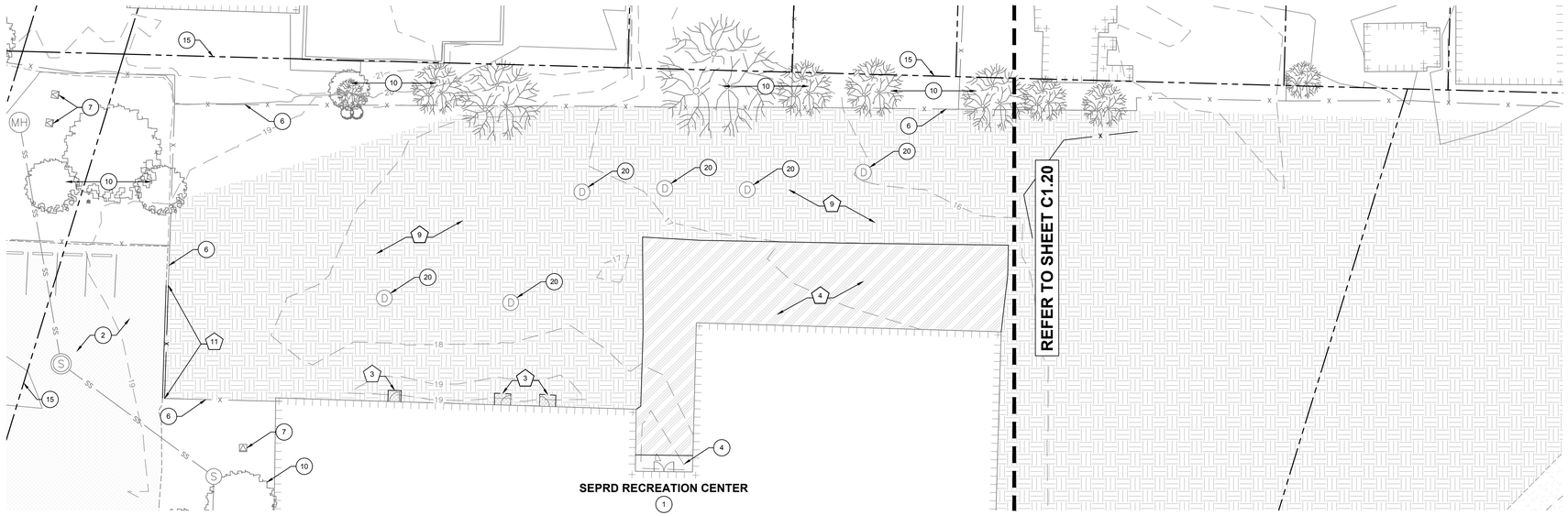
REVISION ID:	DATE:

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

SITE KEY PLAN

C1.00

PERMIT SUBMITTAL



1 C1.10 **AREA 'A' EXISTING CONDITIONS AND DEMOLITION PLAN**

1"=20'

DEMOLITION LEGEND:

- APPROXIMATE LIMITS OF CLEARING AND GRUBBING
- EXISTING ASPHALT PAVING TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- EXISTING FENCING TO REMAIN
- EXISTING FENCING TO BE REMOVED
- EXISTING UTILITY TO REMAIN
- EXISTING UTILITY LINE TO BE REMOVED
- EXISTING GROUND CONTOUR (1 FT)
- EXISTING GROUND CONTOUR (5 FT)
- EXISTING TREE TO REMAIN
- EXISTING STRUCTURE TO REMAIN
- EXISTING STRUCTURE TO BE REMOVED

DEMOLITION AND PROTECTION NOTES:

REFER TO C0.01 FOR GENERAL DEMOLITION AND PROTECTION NOTES.

DEMOLITION NOTES:

3. CONCRETE PAVING TO BE REMOVED AND RECYCLED TO APPROXIMATE LIMITS SHOWN. EXISTING BASE ROCK MAY BE RE-USED AS GENERAL STRUCTURAL FILL UNLESS NOTED OTHERWISE.
4. ASPHALT PAVING TO TO BE REMOVED AND RECYCLED APPROXIMATE LIMITS SHOWN. EXISTING BASE ROCK MAY BE RE-USED AS GENERAL STRUCTURAL FILL UNLESS NOTED OTHERWISE.
9. APPROXIMATE LIMITS OF CLEARING AND GRUBBING TO A MINIMUM DEPTH OF 2". REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
11. FENCING, POSTS, AND GATES TO BE REMOVED AND SALVAGED WHERE FEASIBLE. REMOVE AND RECYCLE FENCING THAT CANNOT BE SALVAGED. COORDINATE SALVAGED FENCING STORAGE LOCATION WITH SSD AND SEPRD. LIMITS SHOWN BETWEEN KEYED NOTES.

PROTECTION NOTES:

1. BUILDING TO REMAIN.
2. ASPHALT PARKING AND MANEUVERING AREA TO REMAIN.
4. CONCRETE OR ASPHALT SIDEWALK TO REMAIN.
6. FENCING, POSTS, AND GATE(S) TO REMAIN.
7. POWER TRANSFORMER, VAULT, AND ASSOCIATED SERVICE TO REMAIN.
10. TREE(S) TO REMAIN. CONTRACTOR SHALL HAND DIG AREAS REQUIRING EXCAVATION WITHIN THE DRIP LINE OF A TREE TO REMAIN. CONSULT ENGINEER IF ROOTS GREATER THAN 2"Ø ARE ENCOUNTERED AND MUST BE REMOVED.
15. PROPERTY LINE TO REMAIN.
20. MANHOLE TO REMAIN. LOCKING MANHOLE LID TO BE RAISED TO FINISHED GRADE.

20 0 10 20 40

(FEET)

1 INCH = 20 FT

ONE INCH EQUALS FULL SCALE

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SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
June 7, 2019
ZACHARY A. STOKES
EXPIRES: 06-30-24

REVISION ID:	DATE:

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

AREA 'A' EXISTING CONDITIONS AND DEMOLITION PLAN

C1.10

PERMIT SUBMITTAL

1 C1.20 **AREA 'B' EXISTING CONDITIONS AND DEMOLITION PLAN**

1"=20'

ONE INCH EQUALS FULL SCALE

DEMOLITION LEGEND:

- EXISTING STRUCTURE TO BE REMOVED OR RELOCATED
- APPROXIMATE LIMITS OF CLEARING AND GRUBBING
- EXISTING ASPHALT PAVING TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- EXISTING SYNTHETIC TURF SURFACING TO REMAIN
- EXISTING GRAVEL PAVING TO BE REMOVED
- EXISTING CURB TO BE REMOVED
- EXISTING FENCING TO BE REMOVED
- EXISTING FENCING TO BE REMOVED
- EXISTING UTILITY TO REMAIN
- EXISTING UTILITY LINE TO BE REMOVED
- EXISTING GROUND CONTOUR (1 FT)
- EXISTING GROUND CONTOUR (5 FT)
- EXISTING TREE TO REMAIN
- EXISTING STRUCTURE TO REMAIN
- EXISTING STRUCTURE TO BE REMOVED

DEMOLITION AND PROTECTION NOTES:

REFER TO C0.01 FOR GENERAL DEMOLITION AND PROTECTION NOTES.

DEMOLITION NOTES:

1. APPROXIMATE LIMITS OF EXISTING STRUCTURE TO BE REMOVED.
2. APPROXIMATE LIMITS OF EXISTING STRUCTURE TO BE RELOCATED. REFER TO HERCHE BUILDING RELOCATION PLANS UNDER SEPARATE COVER FOR ADDITIONAL INFORMATION ON SCOPE OF WORK WITHIN THE BUILDING FOOTPRINT. SITE CONTRACTOR TO FIELD VERIFY DETAILS OF EXISTING UTILITY SERVICE LINES, INCLUDING POWER, GAS, SANITARY, AND DOMESTIC WATER, AND REMOVE UNDERGROUND UTILITIES TO FACILITATE RE-CONNECTION IN NEW BUILDING LOCATION. ALL UTILITY CONNECTIONS APPEAR TO BE AT SOUTH EAST CORNER OF STRUCTURE. CONTRACTOR TO COORDINATE FINAL DETAILS OF UTILITY DEMOLITION AND CONNECTION WITH OWNER AND ENGINEER AT TIME OF CONSTRUCTION.
3. CONCRETE PAVING TO BE REMOVED AND RECYCLED AS REQUIRED.
4. ASPHALT PAVING TO TO BE REMOVED AND RECYCLED AS REQUIRED.
5. GRAVEL PAVING TO BE REMOVED AND RECYCLED AS REQUIRED. CONTRACTOR MAY ELECT TO STORE GRAVEL ON SITE FOR REUSE. GEOTECHNICAL ENGINEER OF RECORD MUST INSPECT AND APPROVE STORED MATERIAL PRIOR TO REUSE ON SITE.
6. CONCRETE CURB TO BE REMOVED AND RECYCLED.
7. CONCRETE WALL TO BE REMOVED AND RECYCLED AS REQUIRED.
8. RAISED GARDEN BEDS AND ASSOCIATED PUBLIC GARDEN FACILITIES TO BE REMOVED.
9. APPROXIMATE LIMITS OF CLEARING AND GRUBBING TO A MINIMUM DEPTH OF 2". REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
10. FOUL POLE TO BE REMOVED AND RECYCLED AS REQUIRED.
11. FENCING, POSTS, AND GATES TO BE REMOVED AND SALVAGED WHERE FEASIBLE. REMOVE AND RECYCLE FENCING THAT CANNOT BE SALVAGED. COORDINATE SALVAGED FENCING STORAGE LOCATION WITH SSD AND SEPRD.
12. STORM LINE, CATCH BASIN, AND ROOF DRAIN COLLECTION LINE TO BE REMOVED AT PIPE CONNECTION TO EXISTING MANHOLE. REMOVE PIPE AND GROUT PENETRATION WITH NON-SHRINK HIGH-STRENGTH GROUT.
13. EXISTING BLEACHERS TO BE REMOVED. COORDINATE DISPOSAL WITH DISTRICT DURING CONSTRUCTION.
14. EXISTING PAD MOUNTED TRANSFORMER TO BE RELOCATED WITH HERCHE BUILDING AND RECONNECTED TO SERVICE METER.
15. EXISTING FOOTBALL SCOREBOARD TO BE RELOCATED TO NEW SUPPORT POLES AND FOUNDATION. COORDINATE TEMPORARY PLACEMENT WITH DISTRICT DURING CONSTRUCTION.
16. LANDSCAPE AREA CLEARING AND GRUBBING WITHIN SOFTBALL FIELD FOOTPRINT. CONTRACTOR TO COORDINATE SUBGRADE INSPECTION (VISUAL AND PROBE) WITH PROJECT GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF FILLS. PROTECT SYNTHETIC TURF FIELD FOOTPRINT FROM OVER-COMPACTION OR SEDIMENTATION DURING CONSTRUCTION, MITIGATE ANY OVER-COMPACTED OR SEDIMENTED AREAS IDENTIFIED DURING INSPECTION BY SCARIFICATION TO DEPTH RECOMMENDED BY GEOTECHNICAL ENGINEER OR REMOVE IMPACTED AREAS AND REPLACE WITH APPROVED DRAIN ROCK.
17. BUILDING/GRAVEL/HARDSCAPE AREA DEMOLITION WITHIN SOFTBALL FIELD FOOTPRINT. AFTER REMOVAL OF EXISTING SURFACING, STRIP ANY STRUCTURAL FILLS AND ORGANICS ENCOUNTERED DOWN TO NATIVE SOIL, SCARIFY NATIVE SUBGRADE TO A MINIMUM DEPTH OF 6 INCHES, AND LIGHTLY STATIC ROLL. CONTRACTOR TO COORDINATE SUBGRADE INSPECTION (VISUAL AND PROBE) WITH PROJECT GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF FILLS. PROTECT SYNTHETIC TURF FIELD FOOTPRINT FROM OVER-COMPACTION OR SEDIMENTATION DURING CONSTRUCTION, MITIGATE ANY OVER-COMPACTED OR SEDIMENTED AREAS IDENTIFIED DURING INSPECTION BY SCARIFICATION TO DEPTH RECOMMENDED BY GEOTECHNICAL ENGINEER OR REMOVE IMPACTED AREAS AND REPLACE WITH APPROVED DRAIN ROCK.
18. APPROXIMATE LIMITS OF EXISTING BACKSTOP TO BE REMOVED.
19. EXISTING BASEBALL SCOREBOARD TO BE REMOVED.

PROTECTION NOTES:

1. BUILDING TO REMAIN.
2. ASPHALT PARKING AND MANEUVERING AREA TO REMAIN.
3. GRAVEL PAVING TO REMAIN.
4. CONCRETE OR ASPHALT SIDEWALK TO REMAIN.
5. CONCRETE CURB TO REMAIN.
6. FENCING, POSTS, AND GATE(S) TO REMAIN.
7. POWER TRANSFORMER, VAULT, AND ASSOCIATED SERVICES TO REMAIN.
8. ELECTRICAL JUNCTION BOX TO REMAIN AND BE ADJUSTED TO FINISHED GRADE.
9. SITE LIGHT OR FIELD LIGHT AND ASSOCIATED BURIED POWER SERVICE TO REMAIN.
10. TREE(S) TO REMAIN. CONTRACTOR SHALL HAND DIG AREAS REQUIRING EXCAVATION WITHIN THE DRIP LINE OF A TREE TO REMAIN. IF ROOTS GREATER THAN 2"Ø ARE ENCOUNTERED AND NEED TO BE CUT THROUGH, ZCS RECOMMENDS CONSULTING WITH A LOCAL ARBORIST. IF AN ARBORIST IS REQUIRED, SSD SHALL DIRECTLY HIRE ARBORIST AS THIRD PARTY CONSULTANT.
11. UNDERGROUND UTILITY TO REMAIN, TYPICAL.
12. STAIRS TO REMAIN.
13. TRASH AND RECYCLING TO REMAIN.
14. BLEACHERS TO REMAIN.
15. PROPERTY LINE TO REMAIN.
16. RETAINING WALL TO REMAIN.
20. MANHOLE TO REMAIN. LOCKING MANHOLE LID TO BE RAISED TO FINISHED GRADE.

CONSTRUCTION NOTES:

1. APPROXIMATE FOOTPRINT OF RELOCATED HERCHE BUILDING. REFER TO SHEETS C2.20 AND C3.20 FOR ADDITIONAL INFORMATION . REFER TO HERCHE BUILDING RELOCATION PLANS UNDER SEPARATE COVER FOR ALL OTHER DETAILS.
2. APPROXIMATE FOOTPRINT OF NEW SOFTBALL FIELD. REFER TO C2.00 SERIES FOR ALL INFORMATION.

20 0 10 20 40

(FEET)

1 INCH = 20 FT

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SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
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BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2013
ZACHARY A. STOKES
EXPIRES: 06-30-24

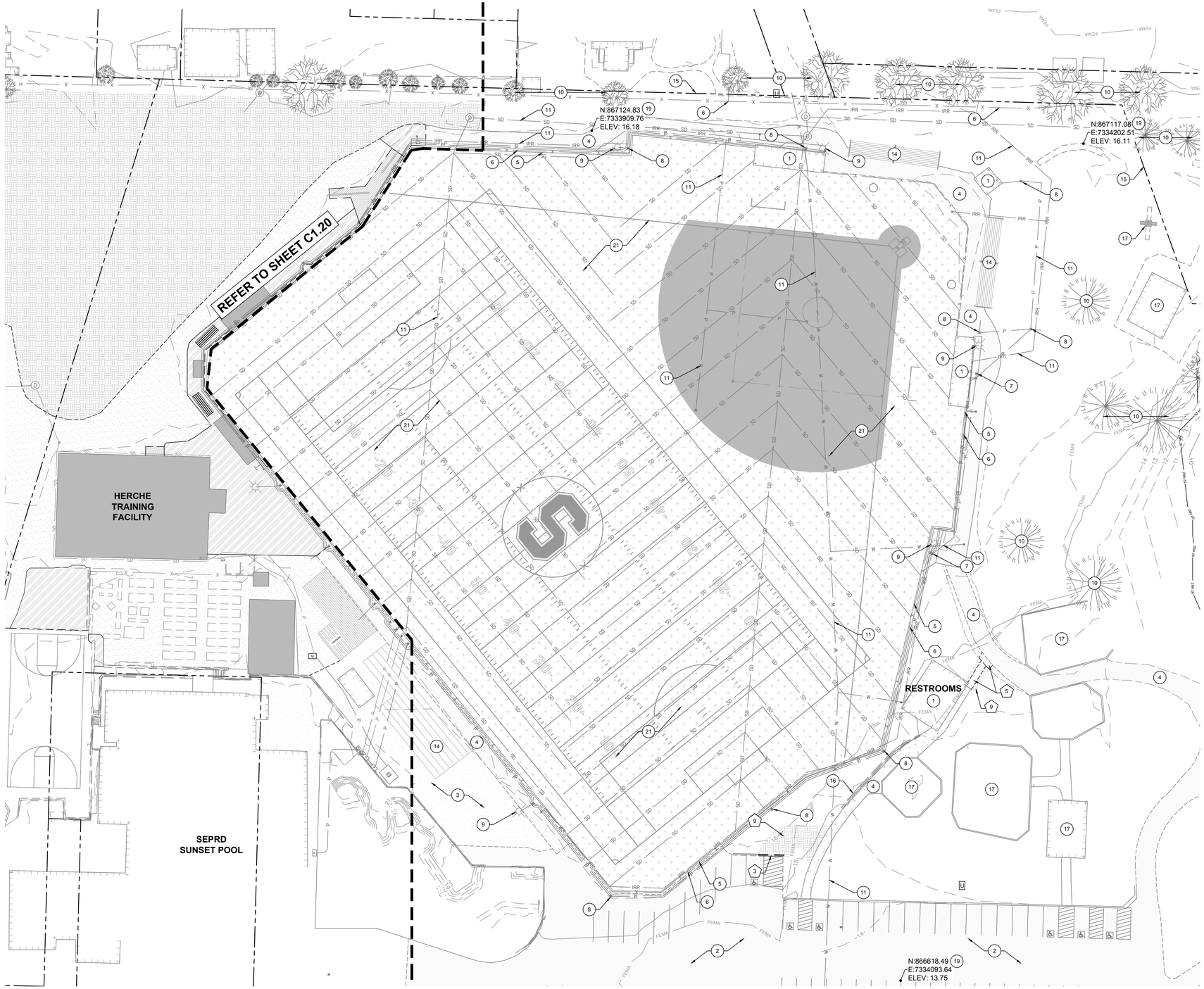
REVISION ID:	DATE:
1 CMGC BID SET	09-01-23

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

AREA 'B' EXISTING CONDITIONS AND DEMOLITION PLAN

C1.20

PERMIT SUBMITTAL



1 C1.30 **AREA 'C' EXISTING CONDITIONS AND DEMOLITION PLAN**

1"=30'

ONE INCH EQUALS FULL SCALE

30 0 15 30 60

(FEET)

1 INCH = 30 FT

DEMOLITION LEGEND:

- EXISTING STRUCTURE TO BE REMOVED OR RELOCATED
- APPROXIMATE LIMITS OF CLEARING AND GRUBBING
- EXISTING ASPHALT PAVING TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- EXISTING SYNTHETIC TURF SURFACING TO REMAIN
- EXISTING GRAVEL PAVING TO BE REMOVED
- EXISTING CURB TO BE REMOVED
- EXISTING FENCING TO BE REMOVED
- EXISTING FENCING TO BE REMOVED
- EXISTING UTILITY TO REMAIN
- EXISTING UTILITY LINE TO BE REMOVED
- EXISTING GROUND CONTOUR (1 FT)
- EXISTING GROUND CONTOUR (5 FT)
- EXISTING TREE TO REMAIN
- EXISTING STRUCTURE TO REMAIN
- EXISTING STRUCTURE TO BE REMOVED

DEMOLITION AND PROTECTION NOTES:

REFER TO C0.01 FOR GENERAL DEMOLITION AND PROTECTION NOTES.

DEMOLITION NOTES:

3. CONCRETE PAVING TO BE REMOVED AND RECYCLED AS REQUIRED.
5. GRAVEL PAVING TO BE REMOVED AND RECYCLED AS REQUIRED. CONTRACTOR MAY ELECT TO STORE GRAVEL ON SITE FOR REUSE. GEOTECHNICAL ENGINEER OF RECORD MUST INSPECT AND APPROVE STORED MATERIAL PRIOR TO REUSE ON SITE.
6. CONCRETE CURB TO BE REMOVED AND RECYCLED.
9. APPROXIMATE LIMITS OF CLEARING AND GRUBBING TO A MINIMUM DEPTH OF 2". REFER TO PROJECT GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.

PROTECTION NOTES:

1. BUILDING TO REMAIN.
2. ASPHALT PARKING AND MANEUVERING AREA TO REMAIN.
3. GRAVEL PAVING TO REMAIN.
4. CONCRETE OR ASPHALT SIDEWALK TO REMAIN.
5. CONCRETE CURB TO REMAIN.
6. FENCING, POSTS, AND GATE(S) TO REMAIN.
7. POWER TRANSFORMER, VAULT, AND ASSOCIATED SERVICES TO REMAIN.
8. ELECTRICAL JUNCTION BOX TO REMAIN AND BE ADJUSTED TO FINISHED GRADE AS NEEDED.
9. SITE LIGHT AND ASSOCIATED BURIED POWER SERVICE TO REMAIN.
10. TREE(S) TO REMAIN. CONTRACTOR SHALL HAND DIG AREAS REQUIRING EXCAVATION WITHIN THE DRIP LINE OF A TREE TO REMAIN. CONSULT ENGINEER IF ROOTS GREATER THAN 2"Ø ARE ENCOUNTERED AND MUST BE REMOVED.
11. UNDERGROUND UTILITY TO REMAIN, TYPICAL.
14. BLEACHERS TO REMAIN.
15. PROPERTY LINE TO REMAIN.
16. RETAINING WALL TO REMAIN.
17. PARK PLAYGROUND AREAS AND PAVILION TO REMAIN.
19. PROJECT CONTROL POINT SET BY S&F LAND SURVEYING.
21. PROTECT SYNTHETIC TURF PREVIOUSLY REPLACED.

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SEASIDE SCHOOL DISTRICT
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SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2012
ZACHARY A. STOKES
EXPIRES: 06-30-24

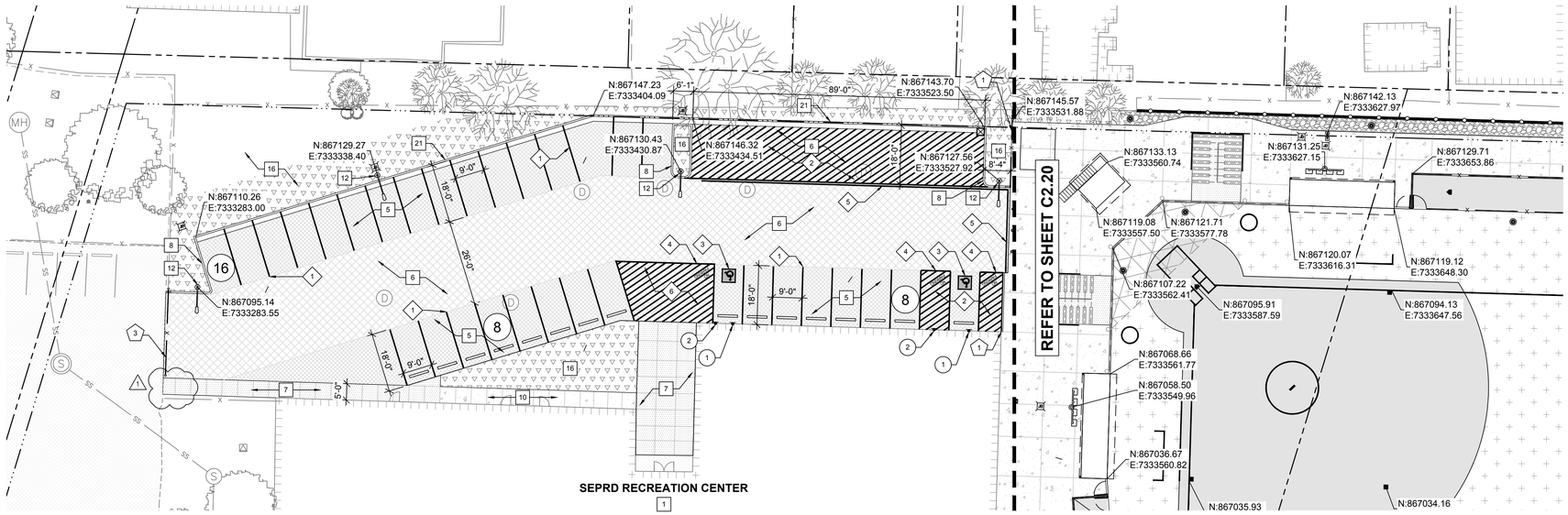
REVISION ID:	DATE:

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

AREA 'C' EXISTING CONDITIONS AND DEMOLITION PLAN

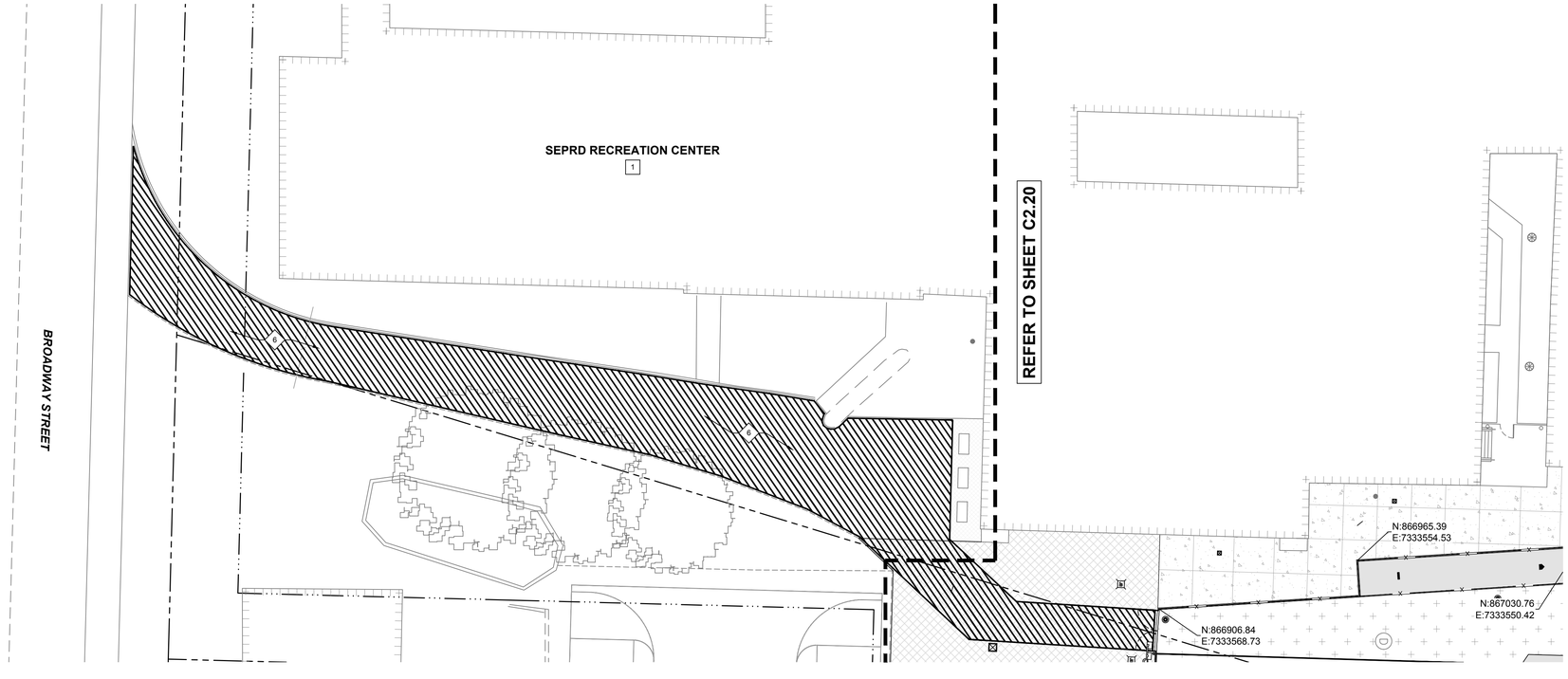
C1.30

PERMIT SUBMITTAL



1 C2.10 **AREA 'A' CIVIL SITE, STRIPING, SIGNAGE AND FENCING PLAN**

1"=20'



2 C2.10 **AREA 'D' CIVIL SITE, STRIPING, SIGNAGE AND FENCING PLAN**

1"=20'

ONE INCH EQUALS FULL SCALE

CIVIL SITE AND FENCING NOTES:

REFER TO C0.01 FOR GENERAL CIVIL SITE AND FENCING NOTES.

SITE NOTES:

REFER TO C3.00 SERIES FOR CONSTRUCTION DETAILS UNLESS NOTED OTHERWISE.

1. EXISTING BUILDING, NO WORK IN THIS AREA.
5. NEW STANDARD DUTY ASPHALT PAVEMENT.
6. NEW HEAVY DUTY ASPHALT PAVEMENT.
7. NEW REINFORCED CONCRETE PAVEMENT.
8. NEW TYPE 'B' CONCRETE CURB.
10. NEW CONCRETE SIDEWALK.
12. NEW SITE LIGHTING REFER TO C4.00 SERIES FOR CONSTRUCTION DETAILS.
16. APPROXIMATE LIMITS OF LANDSCAPE REPAIR.
21. NEW TYPE 'B' CURB AND GUTTER.

FENCING CONSTRUCTION NOTES:

1. FURNISH CHAIN LINK FENCE TO ALIGNMENT SHOWN ON PLAN. FENCE SHALL BE 4' TALL GALVANIZED TO MATCH EXISTING FENCING.
3. FURNISH 24' WIDE MANUAL SLIDE GATE W/ KNOX LOCK AT LOCATION SHOWN. CONTRACTOR TO SUBMIT SHOP DRAWINGS.

STRIPING AND SIGNAGE NOTES:

REFER TO C0.01 FOR GENERAL STRIPING AND SIGNAGE NOTES.

STRIPING NOTES:

1. PAINT 4" SOLID WHITE STRIPING ANGLED AT 90° FROM PARALLEL, TYPICAL.
2. PAINT 4" SOLID WHITE STRIPING ROTATED AT 36° FROM PARALLEL SPACED 2', TYPICAL.
3. PAINT BLUE AND WHITE ACCESSIBLE SYMBOL IN PARKING SPACES AS SHOWN PER CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN (2 TOTAL). INSTALL PER DETAIL 4 ON SHEET C5.10.
4. PAINT 'NO PARKING' TEXT SPACED BETWEEN STRIPING IN ADA ACCESS AISLES, TYPICAL. PER FIGURE 7 OF 'OREGON TRANSPORTATION COMMISSION STANDARDS FOR ACCESSIBLE PARKING PLACES'.
5. PAINT 4" SOLID RED STRIPING, TYPICAL WITH WHITE LETTERING 'NO PARKING - FIRE LANE' CENTERED ON THE STRIPING AT 20' INTERVALS. COORDINATE EXACT LIMITS WITH SEASIDE FIRE MARSHAL AT TIME OF CONSTRUCTION.
6. PAINT 4" SOLID RED STRIPING AT 24" SPACING ON CENTER TO APPROXIMATE CONFIGURATION AND LIMITS SHOWN. COORDINATE EXACT LIMITS WITH SEASIDE FIRE MARSHAL AT TIME OF CONSTRUCTION.

SIGNAGE NOTES:

1. FURNISH STANDARD ACCESSIBLE PARKING SIGN (MUTCD 'R7-8') (2 TOTAL) WITH 'VAN ACCESSIBLE' DESIGNATION SIGN (MUTCD 'R7-8P') (2 TOTAL). TO BE WALL MOUNTED 7'-0" FROM FINISHED GRADE TO BOTTOM OF SIGN.
2. FURNISH ACCESSIBLE PARKING 'ACCESS AISLE NO PARKING' SIGN (MUTCD '7-9') WITH INDICATOR SIGN (MUTCD '7-9A') AS APPLICABLE (2 TOTAL). TO BE WALL MOUNTED 7'-0" FROM FINISHED GRADE TO BOTTOM OF SIGN.

20 0 10 20 40

(FEET)

1 INCH = 20 FT

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BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
June 7, 2011
ZACHARY A. STOKES
EXPIRES: 06-30-24

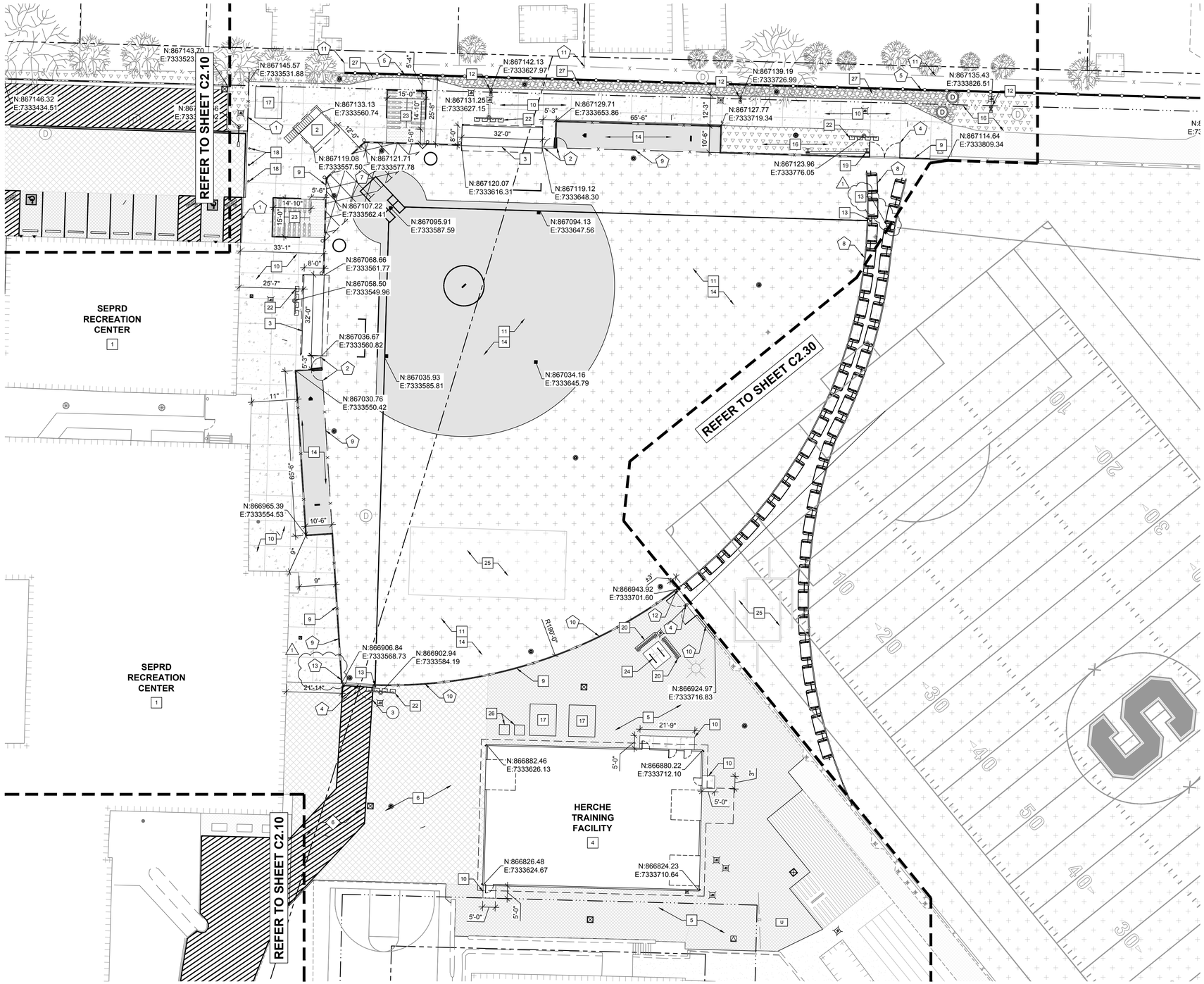
△ REVISION ID:	DATE:
1 CMGC BID SET	09-01-23

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

AREA 'A' & 'D' CIVIL SITE, STRIPING, SIGNAGE AND FENCING PLAN

C2.10

PERMIT SUBMITTAL



1 C2.20 **AREA 'B' CIVIL SITE AND FENCING PLAN**

1"=20'

20 0 10 20 40

(FEET)

1 INCH = 20 FT

ONE INCH EQUALS FULL SCALE

CIVIL SITE AND FENCING NOTES:

REFER TO C0.01 FOR GENERAL CIVIL SITE AND FENCING NOTES.

SITE NOTES:

REFER TO C3.00 SERIES FOR CONSTRUCTION DETAILS UNLESS NOTED OTHERWISE.

1. EXISTING BUILDING, NO WORK IN THIS AREA.
2. NEW 2-STORY CROWS NEST BUILDING. REFER TO ARCHITECTURAL PLANS FOR ALL INFORMATION.
3. NEW DUGOUT BUILDING. REFER TO ARCHITECTURAL PLANS FOR ALL INFORMATION.
4. EXISTING SINGLE STORY TRAINING FACILITY TO BE RELOCATED. REFER TO HERCHE BUILDING RELOCATION PLANS UNDER SEPARATE COVER FOR INFORMATION.
5. NEW STANDARD DUTY ASPHALT PAVEMENT.
6. NEW HEAVY DUTY ASPHALT PAVEMENT.
9. NEW FIELD PERIMETER CONCRETE CURB.
10. NEW CONCRETE SIDEWALK.
11. NEW STORMWATER DETENTION RESERVOIR AND SYNTHETIC TURF SUB-BASE.
12. NEW SITE LIGHTING REFER TO C4.00 SERIES FOR ADDITIONAL INFORMATION.
13. NEW FOUL POLE.
14. OFOI SYNTHETIC TURF.
16. APPROXIMATE LIMITS OF LANDSCAPE REPAIR.
17. NEW OFOI NON-PERMANENT SHED BUILDING. REFER TO ARCHITECTURAL PLANS FOR ALL INFORMATION.
18. NEW REMOVABLE CONCRETE BOLLARD.
19. NEW LOCATION OF EXISTING 'DAKTRONICS' 'FB-2023' FOOTBALL SCOREBOARD.
20. NEW 'DAKTRONICS' 'BA-2618' SOFTBALL AND BASEBALL SCOREBOARD WITH RED BACKGROUND (OR APPROVED EQUAL). INSTALL ON NEW FOUNDATION, SEE STRUCTURAL FOR DETAILS.
22. NEW FIELD LIGHTING REFER TO C4.00 SERIES FOR ADDITIONAL INFORMATION.
23. NEW REINFORCED CONCRETE SLAB FOR INSTALLATION OF NEW ADA COMPLIANT BLEACHERS.
24. NEW BIKE RACKS (2) INSTALLED ON NEW CONCRETE PAD, 'HUNTCO' 'THE STAPLE' OR APPROVED EQUAL. INSTALL PER MANUFACTURER RECOMMENDATIONS.
25. STORAGE AREA FOR PORTABLE FENCING AND FIELD GOAL POSTS WHEN NOT IN USE.
26. NEW OFOI NON-PERMANENT ACCESSIBLE PORTABLE/TEMPORARY RESTROOM.
27. NEW 6"-8" ROUND ROCK LAYER (OR APPROVED EQUAL) OVER DETENTION SYSTEM.

FENCING CONSTRUCTION NOTES:

1. FURNISH CHAIN LINK FENCE TO ALIGNMENT SHOWN ON PLAN. FENCE SHALL BE 4' TALL GALVANIZED TO MATCH EXISTING FENCING.
2. FURNISH 4' WIDE MAN GATE AT LOCATION SHOWN. GATE SHALL BE BE EQUIPPED WITH A FLIP-STYLE CATCH.
4. FURNISH 12' WIDE 'AMETCO' 'GUARDIAN' (OR APPROVED EQUAL) VEHICLE GATE AT LOCATION SHOWN.
5. FURNISH 'SPORTSFIELD' 40' TALL POLE TO POLE TENSION NETTING SYSTEM (OR APPROVED EQUAL). FOUNDATION DESIGN BY OTHERS AND A DEFERRED SUBMITTAL BY CONTRACTOR.
7. FURNISH 'SPORTSFIELD' ENCLOSED BACKSTOP WITH INTEGRATED WALL PADDING (OR APPROVED EQUAL). FOUNDATION DESIGN BY OTHERS AND A DEFERRED SUBMITTAL BY CONTRACTOR.
8. NEW OFOI PORTABLE FENCING SYSTEM.
9. FURNISH CHAIN LINK FENCE TO ALIGNMENT SHOWN ON PLAN. FENCE SHALL BE 6' TALL BLACK PVC COATED TO MATCH EXISTING FIELD FENCING. PROVIDE AND INSTALL YELLOW 'SPORTSFIELD SPECIALTIES' 'POLY CAP FENCE GUARD' FENCE CAP OR SIMILAR TO MATCH FENCE CAP ON PORTABLE FENCING.
10. FURNISH CHAIN LINK FENCE TO ALIGNMENT SHOWN ON PLAN. FENCE SHALL BE 4' TALL BLACK PVC COATED TO MATCH EXISTING FIELD FENCING. PROVIDE AND INSTALL 'SPORTSFIELD SPECIALTIES' 'POLY CAP FENCE GUARD' FENCE CAP OR SIMILAR TO MATCH FENCE CAP ON PORTABLE FENCING. FENCE CAP TO BE YELLOW IN OUTFIELD FAIR TERRITORY AND BLACK IN FOUL TERRITORY.
11. EXISTING 4' TALL GALVANIZED CHAIN LINK FENCE TO BE REPAIRED AND MAINTAINED. CONTRACTOR TO PRICE REPLACEMENT OF (10) 6-FOOT WIDE PANELS AND (10) POST AS A FENCING REPAIR ALLOWANCE. EXACT PANELS TO BE REPLACED TO BE IDENTIFIED AT TIME OF CONSTRUCTIONS.
12. OFOI TRANSITION FROM PORTABLE FENCING SYSTEM TO PERMANENT FENCING. RECOMMEND PIN-STYLE CONNECTION SYSTEM SIMILAR TO PORTABLE FENCING.
13. TRANSITION FROM 6' TALL TO 4' TALL BLACK PVC COATED CHAIN LINK FENCE ACROSS (1) FENCING PANEL AT LOCATION SHOWN.

STRIPING AND SIGNAGE NOTES:

REFER TO C0.01 FOR GENERAL STRIPING AND SIGNAGE NOTES.

STRIPING NOTES:

6. PAINT 4" SOLID RED STRIPING AT 24" SPACING ON CENTER TO APPROXIMATE CONFIGURATION AND LIMITS SHOWN. COORDINATE EXACT LIMITS WITH SEASIDE FIRE MARSHAL AT TIME OF CONSTRUCTION.

SIGNAGE NOTES:

3. FURNISH 'NO PARKING' SIGN (MUTCD 'R8-3') TO BE MOUNTED ON EXTERIOR OF GATE. (1 TOTAL).

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524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
STATE OF OREGON
JUNE 7, 2012
ZACHARY A. STOKES
EXPIRES: 06-30-24

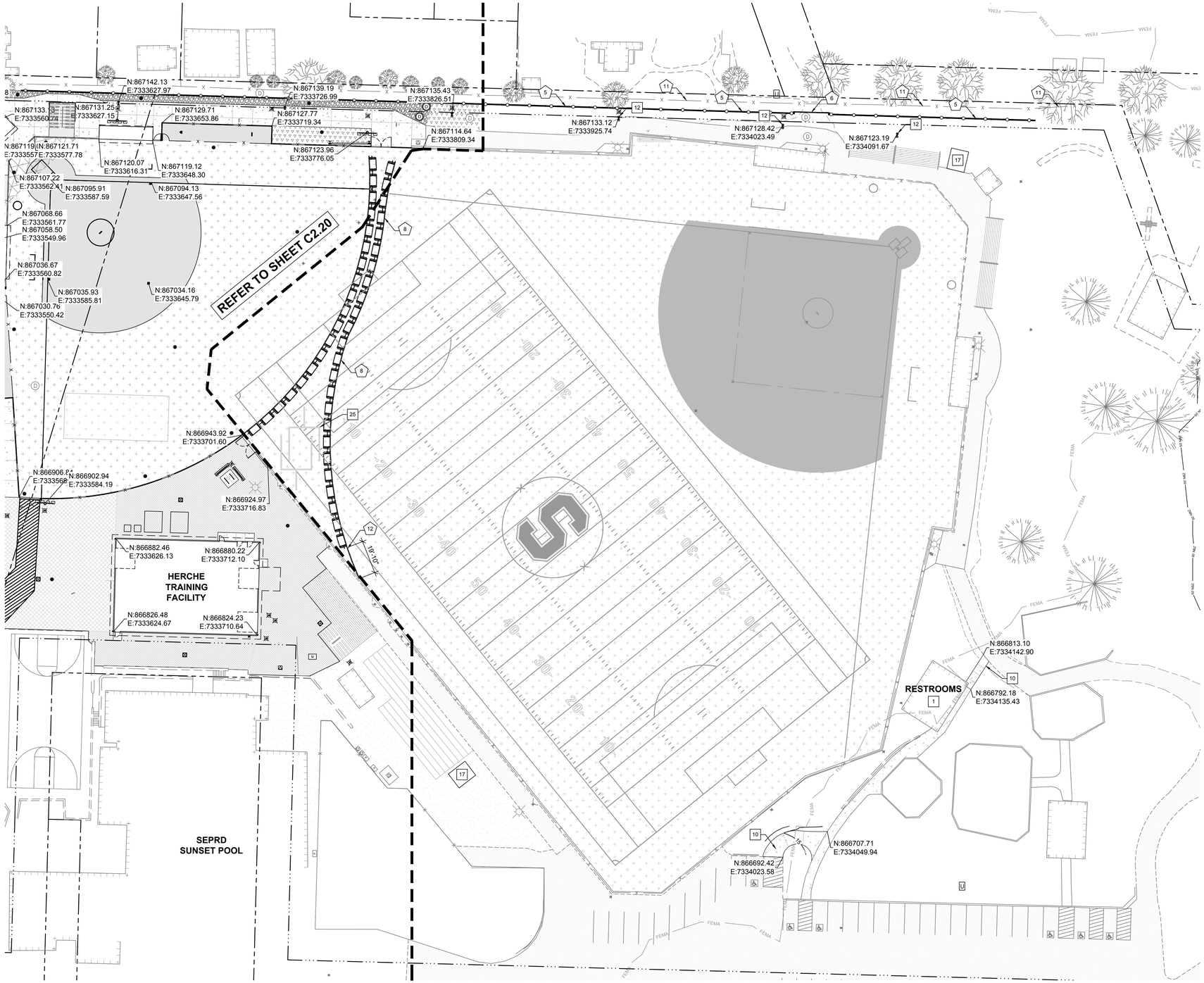
REVISION ID:	DATE:
1 CMGC BID SET	09-01-23

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

AREA 'B' CIVIL SITE AND FENCING PLAN

C2.20

PERMIT SUBMITTAL



1 C2.30 **AREA 'C' CIVIL SITE AND FENCING PLAN**

1"=30'

30 0 15 30 60

(FEET)

1 INCH = 30 FT

ONE INCH EQUALS FULL SCALE

CIVIL SITE AND FENCING NOTES:

REFER TO C0.01 FOR GENERAL CIVIL SITE AND FENCING NOTES.

SITE NOTES:

REFER TO C3.00 SERIES FOR CONSTRUCTION DETAILS UNLESS NOTED OTHERWISE.

1. EXISTING BUILDING, NO WORK IN THIS AREA.
10. NEW CONCRETE SIDEWALK.
12. NEW SITE LIGHTING REFER TO C4.00 SERIES FOR CONSTRUCTION DETAILS.
17. NEW OFOI NON-PERMANENT SHED BUILDING. REFER TO ARCHITECTURAL PLANS FOR ALL INFORMATION.
25. STORAGE AREA FOR PORTABLE FENCING AND FIELD GOAL POSTS WHEN NOT IN USE.

FENCING CONSTRUCTION NOTES:

5. FURNISH 'SPORTSFIELD' 40' TALL POLE TO POLE TENSION NETTING SYSTEM (OR APPROVED EQUAL). FOUNDATION DESIGN BY OTHERS AND A DEFERRED SUBMITTAL BY CONTRACTOR.
6. FURNISH 'SPORTSFIELD' 20'X20' VERTICAL GATE EGRESS SYSTEM (OR APPROVED EQUAL).
8. NEW OFOI PORTABLE FENCING SYSTEM.
11. EXISTING 4' TALL GALVANIZED CHAIN LINK FENCE TO BE REPAIRED AND MAINTAINED. CONTRACTOR TO PRICE REPLACEMENT OF (10) 6-FOOT WIDE PANELS AND (10) POST AS A FENCING REPAIR ALLOWANCE. EXACT PANELS TO BE REPLACED TO BE IDENTIFIED AT TIME OF CONSTRUCTIONS.
12. OFOI TRANSITION FROM PORTABLE FENCING SYSTEM TO PERMANENT FENCING. RECOMMEND PIN-STYLE CONNECTION SYSTEM SIMILAR TO PORTABLE FENCING.

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REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2016
ZACHARY A. STOKES
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AREA 'C' CIVIL SITE, STRIPING, SIGNAGE AND FENCING PLAN

C2.30

PERMIT SUBMITTAL

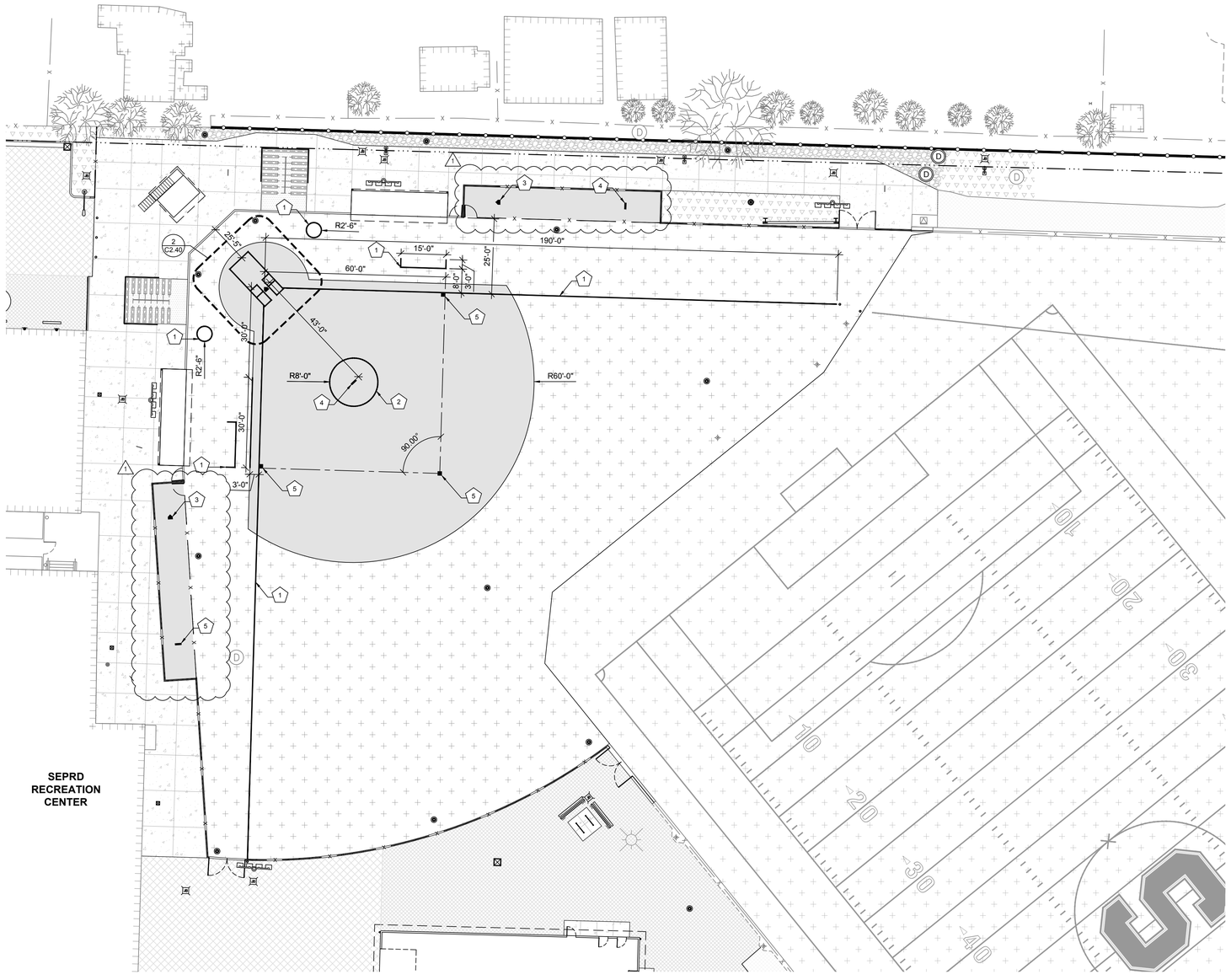
FIELD & STRIPING LEGEND:

- FIELD COLOR TYPE 'A' (GREEN COLOR FAMILY) CONTRACTOR TO COORDINATE WITH OWNER/DISTRICT PRIOR TO CONSTRUCTION.
- FIELD COLOR TYPE 'B' (BROWN COLOR FAMILY) CONTRACTOR TO COORDINATE WITH OWNER/DISTRICT PRIOR TO CONSTRUCTION
- FIELD COLOR WHITE

FIELD & STRIPING NOTES:

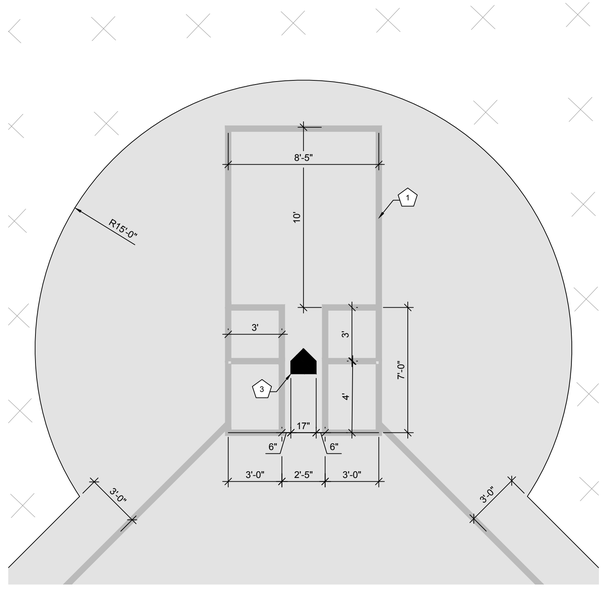
REFER TO C.200 & C3.00 SERIES FOR ALL CIVIL SITE INFORMATION.

1. PROVIDE AND INSTALL NEW INLAID FIELD STRIPING. STRIPING TO BE 4" WHITE LINE, TYPICAL.
2. PROVIDE AND INSTALL NEW INLAID STRIPED PITCHER'S MOUND. STRIPING TO BE 4" WHITE LINE, TYPICAL.
3. PROVIDE AND INSTALL NEW HOME PLATE 'SCHUTT' 'PRO HOME PLATE' OR APPROVED EQUAL. AVAILABLE FROM 'BEACON ATHLETICS' 'MODEL # 301-675-829'. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
4. PROVIDE AND INSTALL NEW PITCHERS RUBBER 'BULLDOG PITCHING RUBBER' OR APPROVED EQUAL. AVAILABLE FROM 'BEACON ATHLETICS' 'MODEL #335-210-100'. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
5. PROVIDE AND INSTALL NEW BASE 'SCHUTT' 'PRO STYLE BASE SET' OR APPROVED EQUAL. AVAILABLE FROM 'BEACON ATHLETICS' 'MODEL #301-675-759'. INSTALL PER MANUFACTURER'S INSTRUCTIONS.



1 C2.40 **FIELD STRIPING PLAN**

1"=20'



2 C2.40 **SOFTBALL CATCHER'S BOX & BATTER'S BOX**

1"=4'

20 0 10 20 40

(FEET)

1 INCH = 20 FT

ONE INCH EQUALS FULL SCALE

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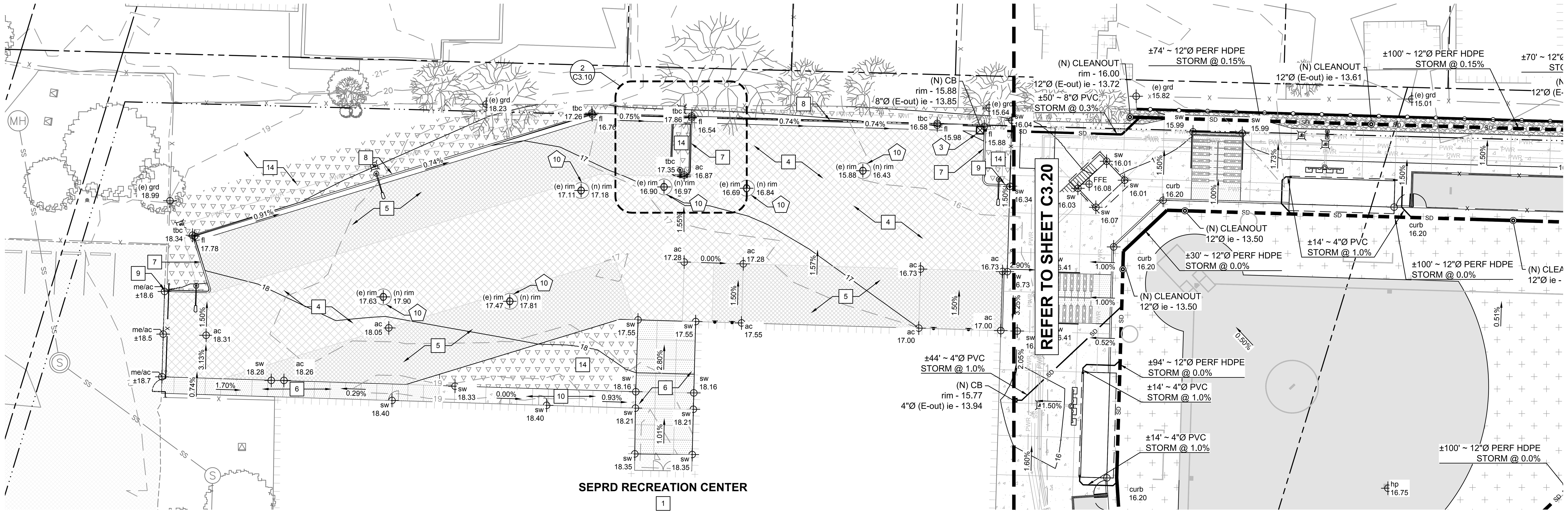
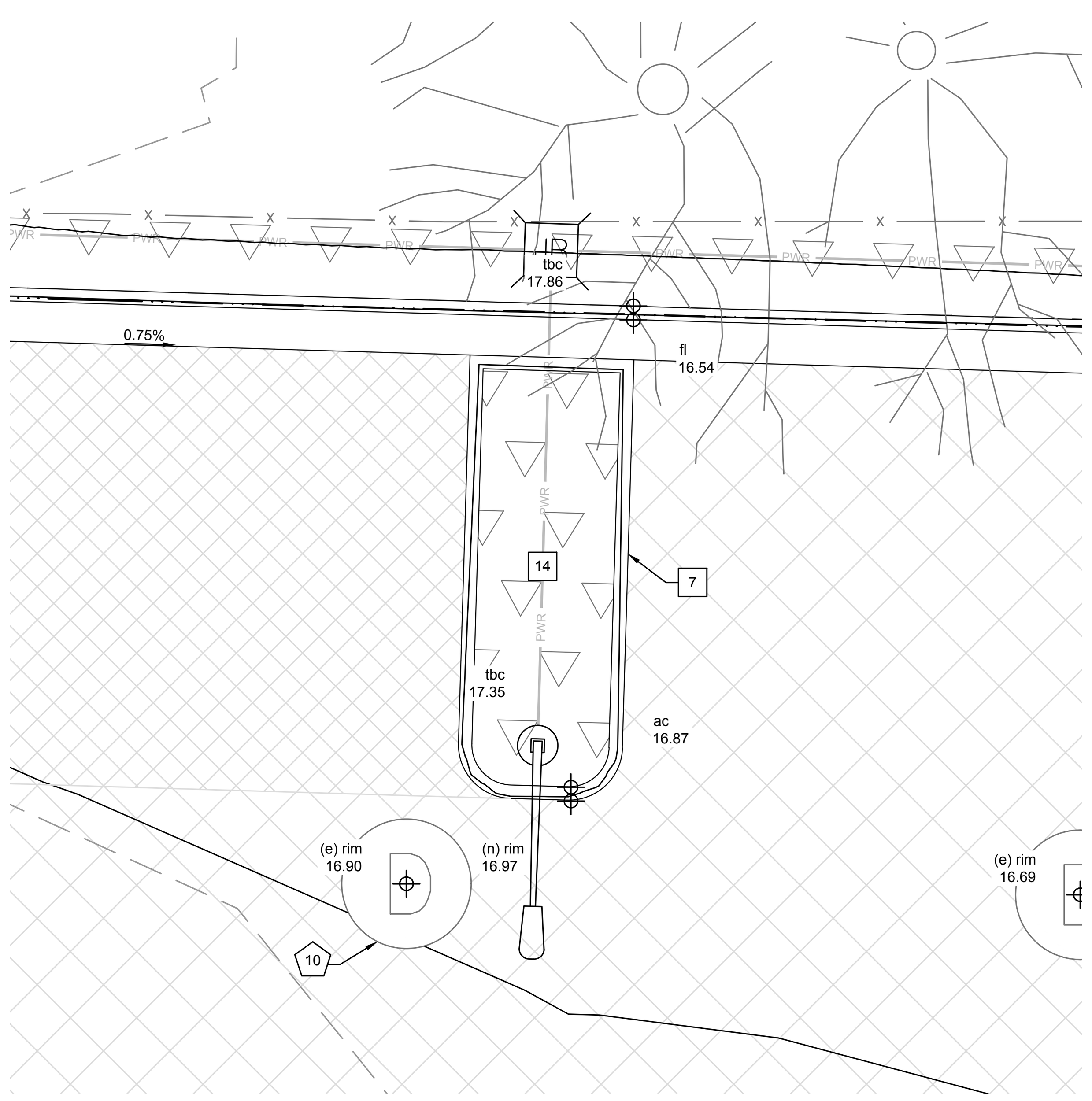
FIELD STRIPING PLAN

C2.40

PERMIT SUBMITTAL



1 AREA 'A' GRADING AND DRAINAGE PLAN
C3.10
1"=20'



2 ISLAND GRADING AND DRAINAGE PLAN
C3.10
1"=5'

ONE INCH EQUALS FULL SCALE

GRADING AND DRAINAGE NOTES:

REFER TO C0.01 FOR GENERAL GRADING AND DRAINAGE NOTES.

SITE CONSTRUCTION NOTES:

1. EXISTING BUILDING. NO WORK IN THIS AREA.
4. CONSTRUCT HEAVY DUTY ASPHALT PAVEMENT. MINIMUM SECTION CONSISTS OF 3" (2 LIFTS) OF ODOT LEVEL 2 ~ 1/2" DENSE ASPHALT WITH PG 64-22 BINDER OVER 8" MINIMUM 3/4" MINUS CRUSHED ROCK OVER GEOTEXTILE FABRIC OVER APPROVED COMPACTED SUBGRADE.
5. CONSTRUCT STANDARD DUTY ASPHALT PAVEMENT. MINIMUM SECTION CONSISTS OF 2 1/2 " (1 LIFT) OF ODOT LEVEL 2 ~ 1/2" DENSE ASPHALT WITH PG 64-22 BINDER OVER 6" MINIMUM 3/4" MINUS CRUSHED ROCK OVER GEOTEXTILE FABRIC OVER APPROVED COMPACTED SUBGRADE.
6. CONSTRUCT REINFORCED CONCRETE PAVEMENT PER DETAIL 2 ON SHEET C5.00. SCORING PATTERN APPROXIMATELY AS SHOWN. MINIMUM SECTION CONSISTS OF 6" OF REINFORCED CONCRETE OVER 4" MINIMUM 3/4" MINUS CRUSHED ROCK OVER APPROVED COMPACTED SUBGRADE.
7. CONSTRUCT TYPE 'B' CONCRETE CURB PER DETAIL 3 ON SHEET C5.00.
8. CONSTRUCT TYPE 'A' CONCRETE CURB AND GUTTER PER DETAIL 4 ON SHEET C5.00.
9. TRANSITION CURB FROM FLUSH TO FULL HEIGHT OVER 18" AT LOCATION SHOWN ON PLAN.
10. CONSTRUCT NEW CONCRETE SIDEWALK PER DETAILS 1 ON SHEET C5.00. SCORING PATTERN APPROXIMATELY AS SHOWN. MINIMUM SECTION CONSISTS OF 4" OF CONCRETE OVER 4" MINIMUM 3/4" MINUS CRUSHED ROCK OVER APPROVED COMPACTED SUBGRADE.
14. APPROXIMATE LIMITS OF LANDSCAPE REPAIR. REPAIR DISTURBED LANDSCAPE TO MATCH ADJACENT EXISTING CONDITION. FINE GRADE LANDSCAPE AREA WITH 4" MINIMUM OF RECLAIMED SITE TOPSOIL AND ADEQUATELY DRAIN. PROVIDE TEMPORARY IRRIGATION UNTIL LAWN HAS BEEN ESTABLISHED. REFER TO LANDSCAPE NOTES FOR FINISHING REQUIREMENTS.

DRAINAGE CONSTRUCTION NOTES

1. INSTALL STORM PIPE IN TRENCH PER DETAIL 7 ON SHEET C5.00. CONNECTIONS SHALL BE MADE USING PREFABRICATED FITTINGS.
3. CONSTRUCT 24" SQUARE CONCRETE CATCH BASIN WITH H-20 LOAD RATED FRAME AND BICYCLE PROOF GRATE PER DETAIL 10 ON SHEET C5.00.
10. MANHOLE TO REMAIN. LOCKING MANHOLE LID TO BE RAISED TO FINISH GRADE.

20 0 10 20 40
(FEET)
1 INCH = 20 FT

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BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER 81129PE OREGON June 7, 2012 ZACHARY A. STOKES
EXPIRES: 06-30-24

REVISION ID:	DATE:

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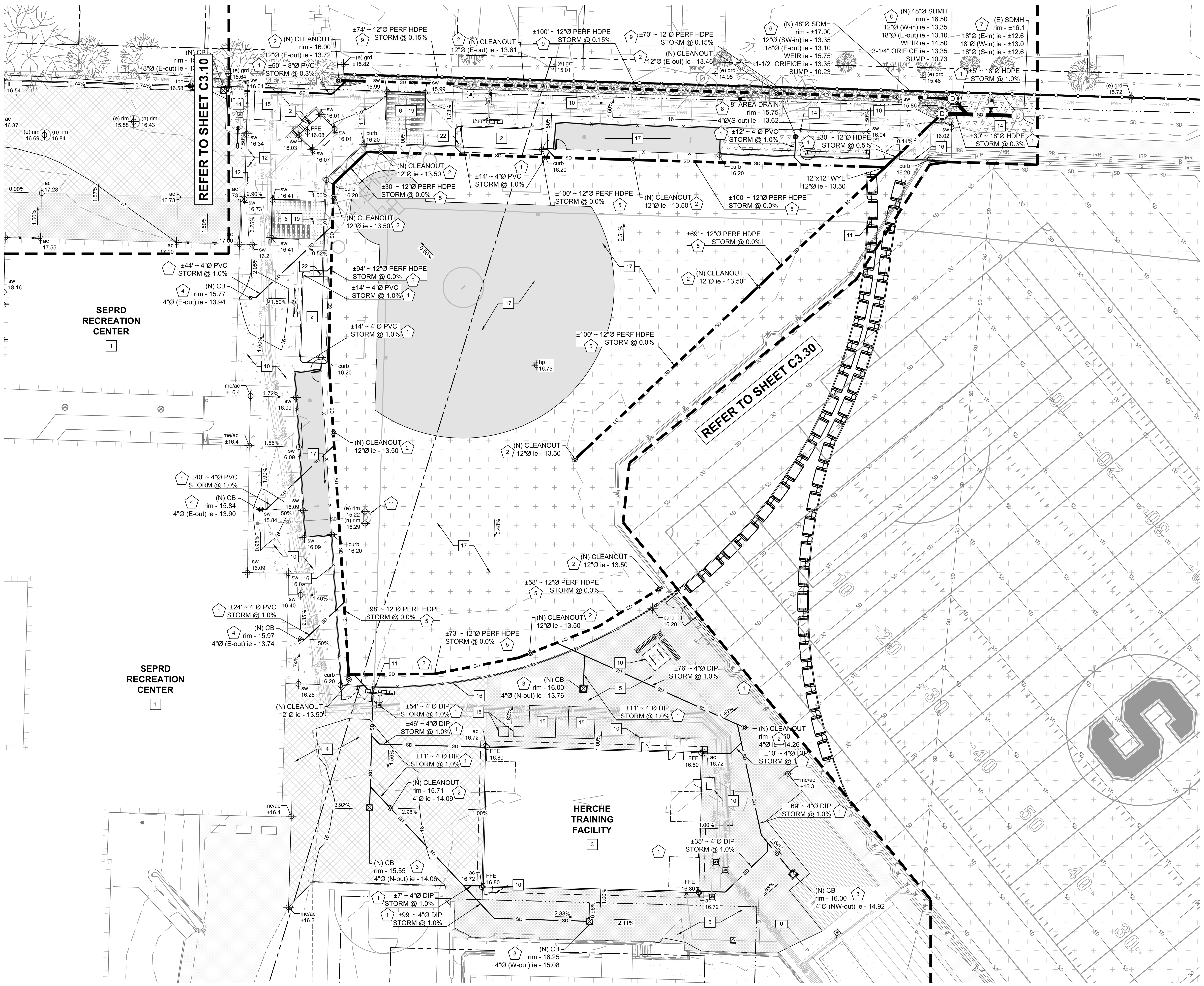
AREA 'A' GRADING AND DRAINAGE PLAN

C3.10

PERMIT SUBMITTAL



1 C3.20 **AREA 'B' GRADING AND DRAINAGE PLAN**

1"=20'

ONE INCH EQUALS FULL SCALE

GRADING AND DRAINAGE NOTES:

REFER TO C0.01 FOR GENERAL GRADING AND DRAINAGE NOTES.

SITE CONSTRUCTION NOTES:

1. EXISTING BUILDING. NO WORK IN THIS AREA.
2. NEW BUILDING LOCATION. VERIFY LIMITS OF BUILDING FOOTPRINT WITH ARCHITECTURAL AND STRUCTURAL PLANS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IN THE EVENT OF DISCREPANCIES.
3. NEW LOCATION OF EXISTING SINGLE STORY TRAINING FACILITY. WITHIN BUILDING FOOTPRINT, CONTRACTOR TO PLACE 3/4" MINUS COMPACTED (95% PROCTOR) CRUSHED ROCK FROM APPROVED SUBGRADE TO 6" BELOW FUTURE FINISH FLOOR ELEVATION. REFER TO HERCHE BUILDING RELOCATION PLANS UNDER SEPARATE COVER FOR ADDITIONAL INFORMATION.
4. CONSTRUCT HEAVY DUTY ASPHALT PAVEMENT. MINIMUM SECTION CONSISTS OF 3" (2 LIFTS) OF ODOT LEVEL 2 ~ 1/2" DENSE ASPHALT WITH PG 64-22 BINDER OVER 8" MINIMUM 3/4" MINUS CRUSHED ROCK.
5. CONSTRUCT STANDARD DUTY ASPHALT PAVEMENT. MINIMUM SECTION CONSISTS OF 2 1/2 " OF ODOT LEVEL 2 ~ 1/2" DENSE ASPHALT WITH PG 64-22 BINDER OVER 6" MINIMUM 3/4" MINUS CRUSHED ROCK.
6. CONSTRUCT REINFORCED CONCRETE PAVEMENT PER DETAIL 2 ON SHEET C5.00. SCORING PATTERN APPROXIMATELY AS SHOWN. MINIMUM SECTION CONSISTS OF 6" OF REINFORCED CONCRETE OVER 4" MINIMUM 3/4" MINUS CRUSHED ROCK OVER APPROVED COMPACTED SUBGRADE.
10. CONSTRUCT NEW CONCRETE SIDEWALK PER DETAILS 1 ON SHEET C5.00. SCORING PATTERN APPROXIMATELY AS SHOWN.
11. FURNISH 'SPORTSFIELD' FOUL POLE COLOR YELLOW, MODEL # 'FPW415' (OR APPROVED EQUAL). INSTALL PER MANUFACTURER'S SPECIFICATIONS. FOUNDATION DESIGN BY OTHERS AND A DEFERRED SUBMITTAL BY CONTRACTOR.
12. NEW REMOVABLE CONCRETE BOLLARD PER DETAIL 6 ON SHEET C5.10 (OR APPROVED EQUAL).
14. APPROXIMATE LIMITS OF LANDSCAPE REPAIR. REPAIR DISTURBED LANDSCAPE TO MATCH ADJACENT EXISTING CONDITION. FINE GRADE LANDSCAPE AREA WITH TOPSOIL AND ADEQUATELY DRAIN. PROVIDE TEMPORARY IRRIGATION UNTIL LAWN HAS BEEN ESTABLISHED. REFER TO LANDSCAPE NOTES FOR FINISHING REQUIREMENTS.
15. APPROXIMATE FUTURE LOCATION OF NEW OFOI NON-PERMANENT STORAGE SHED. SHED TO BE ON SKIDS AND WILL BE PLACED BY OWNER ON FINISHED GRADE.
16. CONSTRUCT CONCRETE PERIMETER CURB PER DETAIL 2 ON SHEET C5.10.
17. FURNISH AND INSTALL NEW SYNTHETIC TURF SUB-BASE ROCK SECTION. MINIMUM SECTION TO BE 2" OF 1/4" CLEAN CRUSHED ROCK OVER 6" MINIMUM OF 3/4" TO 1/2" CLEAN CRUSHED DRAIN ROCK OVER NON-WOVEN GEOTEXTILE FABRIC OVER APPROVED SUBGRADE. DEPTH OF DRAIN ROCK SECTION VARIES BASED ON APPROVED SUBGRADE ELEVATION; NO MASS GRADING OF EXISTING SOILS AFTER CLEARING AND GRUBBING OF FIELD FOOTPRINT. INSTALL PER DETAIL 1 & 2 ON SHEET C5.10. SYNTHETIC TURF TO BE OFOI.
18. APPROXIMATE FUTURE LOCATION OF NEW OFOI ACCESSIBLE PORTABLE/TEMPORARY RESTROOM.
19. FURNISH AND INSTALL NEW ADA COMPLIANT BLEACHERS WITH ±77 LF OF SEATING EACH. INSTALLED ON REINFORCED CONCRETE SLAB. ANCHOR EACH BLEACHER WITH (24) 1/2" STAINLESS STEEL TITEN HD, MIN. 3" EMBED.
22. REFER TO DETAIL 4 ON SHEET 5.10 FOR CONFIGURATION OF BACKSTOP NETTING FOOTING AND DUGOUT FOUNDATION.

DRAINAGE CONSTRUCTION NOTES

1. INSTALL STORM PIPE IN TRENCH PER DETAIL 7 ON SHEET C5.00. CONNECTIONS TO MAIN SHALL BE MADE USING PREFABRICATED 'WYE' FITTINGS.
2. PROVIDE AND INSTALL CLEANOUT RISER TO GRADE WITH WORD 'STORM' CAST INTO LID. CONSTRUCT PER DETAIL 9 ON SHEET C5.00. FOR CLEANOUT RISERS IN SYNTHETIC TURF SECTION, REFER TO DETAIL 2 ON SHEET C5.10 FOR ADDITIONAL INFORMATION.
3. CONSTRUCT 24" SQUARE CONCRETE CATCH BASIN WITH H-20 LOAD RATED FRAME AND BICYCLE PROOF GRATE PER DETAIL 10 ON SHEET C5.00.
4. CONSTRUCT 12" 'GIBSON' BASIN (OR APPROVED EQUAL) WITH FLUSH HEEL PROOF, PEDESTRIAN RATED GRATE. CONSTRUCT PER DETAIL 11 ON SHEET C5.00.
5. CONSTRUCT PERFORATED STORM PIPE COLLECTION AND DETENTION SYSTEM BELOW SOFTBALL FIELD SYNTHERIC TURF SECTION TO ALIGNMENT SHOWN PER DETAIL 1 ON SHEET C5.10.
6. CONSTRUCT 48"Ø PRECAST FLAT TOP CONCRETE MANHOLE DISCHARGE CONTROL STRUCTURE PER DETAIL 7 & 8 ON SHEET C5.10.
7. CORE DRILL TO CONNECT TO EXISTING STORM DRAIN MANHOLE AT LOCATION SHOWN ON PLAN. FILL ALL VOIDS AT MANHOLE USING WATER-TIGHT NON-SHRINK GROUT.
8. FURNISH 8"Ø 'NYLOPLAST' IN-LINE DRAIN WITH DOME GRATE ASSEMBLY OR APPROVED ALTERNATIVE. CONSTRUCT SIMILAR TO DETAIL 12 ON SHEET C5.00.
9. CONSTRUCT PERFORATED STORM PIPE DETENTION SYSTEM ALONG NORTH PROPERTY LINE PER DETAIL 6 ON SHEET C5.10.
11. MANHOLE TO REMAIN. LOCKING MANHOLE LID TO BE RAISED TO BASE ROCK FINISHED GRADE BELOW SYNTHETIC TURF SURFACING. CONTRACTOR TO COORDINATE FINAL DETAILS WITH FIELDTURF AND ENGINEER AT TIME OF CONSTRUCTION.

20 0 10 20 40
(FEET)
1 INCH = 20 FT

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BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER 81125PE OREGON June 7, 2012 ZACHARY A. STOKES
EXPIRES: 06-30-24

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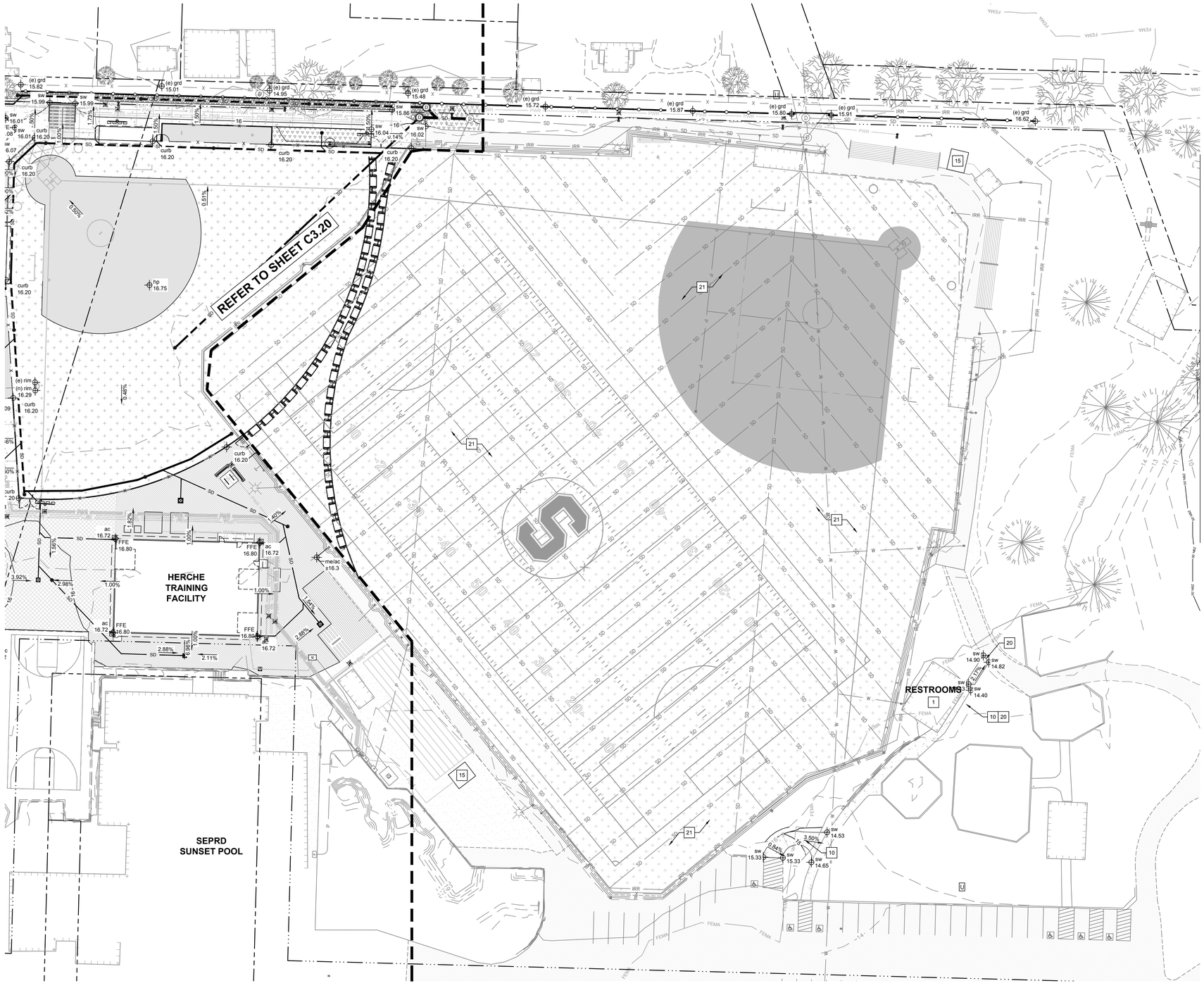
AREA 'B' GRADING AND DRAINAGE PLAN

C3.20

PERMIT SUBMITTAL



1 C3.30 **AREA 'C' GRADING AND DRAINAGE PLAN**

1"=30'

30 0 15 30 60

(FEET)

1 INCH = 30 FT

ONE INCH EQUALS FULL SCALE

GRADING AND DRAINAGE NOTES:

REFER TO C0.01 FOR GENERAL GRADING AND DRAINAGE NOTES.

SITE CONSTRUCTION NOTES:

1. EXISTING BUILDING. NO WORK IN THIS AREA.
10. CONSTRUCT NEW CONCRETE SIDEWALK PER DETAILS 1 ON SHEET C5.00. SCORING PATTERN APPROXIMATELY AS SHOWN.
15. APPROXIMATE FUTURE LOCATION OF NEW OFOI NON-PERMANENT STORAGE SHED. SHED TO BE ON SKIDS AND WILL BE PLACED BY OWNER ON FINISHED GRADE.
20. CONTRACTOR TO FIELD VERIFY EXISTING GRADES AND FIELD FIT AN ADA-COMPLIANT SIDEWALK CONNECTION BETWEEN EXISTING SIDEWALK ADJACENT TO BATHROOM AND EXISTING ASPHALT PAVEMENT IN APPROXIMATE LOCATION AND ALIGNMENT SHOWN. ASPHALT PAVEMENT WAS CONSTRUCTED BY OTHERS AFTER THE PROJECT TOPOGRAPHIC SURVEY. CONTRACTOR TO COORDINATE WITH ENGINEER AT TIME OF CONSTRUCTION AS NECESSARY TO ENSURE EXISTING AND NEW WALKWAY GRADES ARE ACCESSBLE.
21. PROTECT SYNTHETIC TURF PREVIOUSLY REPLACED.

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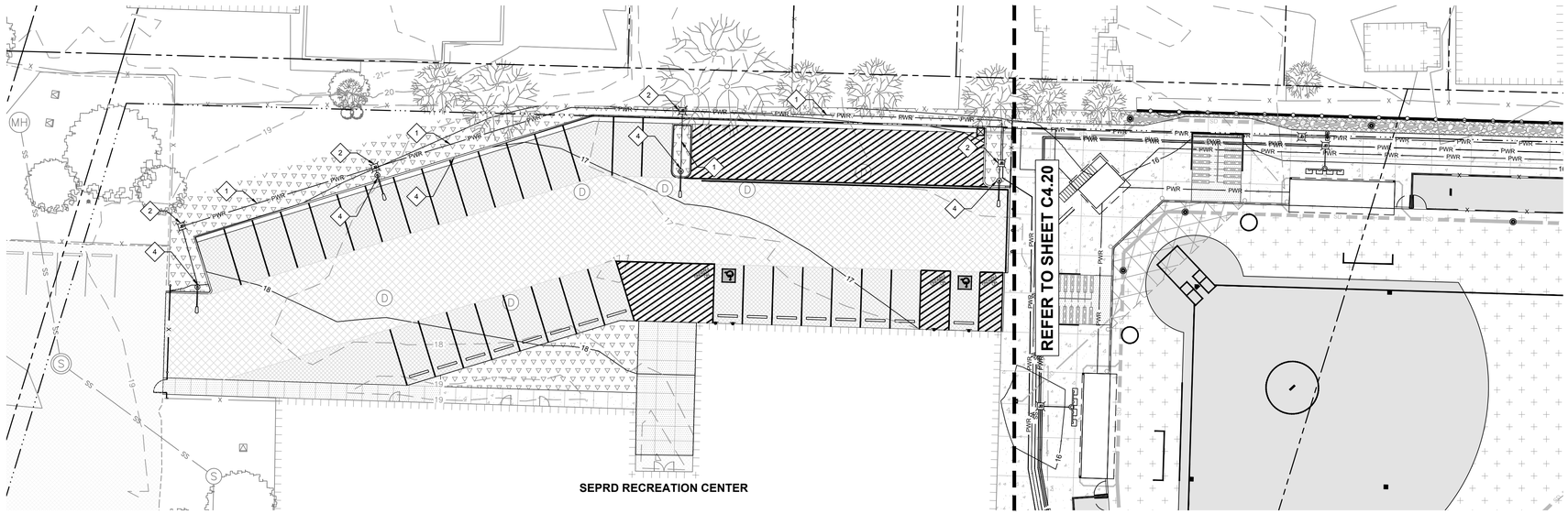
PERMIT SUBMITTAL



1 C4.10 **AREA 'A' UTILITY PLAN**

1"=20'

UTILITY NOTES:

REFER TO C0.01 FOR GENERAL UTILITY NOTES.

POWER AND DATA/COMMUNICATIONS CONSTRUCTION NOTES:

1. INSTALL POWER CONDUIT IN TRENCH SIMILAR TO DETAIL 8 ON SHEET C5.00. VERIFY CONDUIT SIZE WITH ELECTRICAL PLANS PRIOR TO CONSTRUCTION. CONDUCTORS AND ALL OTHER INFORMATION PER ELECTRICAL PLANS.
2. APPROXIMATE LOCATION OF NEW POWER JUNCTION BOX. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
4. APPROXIMATE LOCATION OF NEW SITE LIGHTING. CONSTRUCT BASE PER DETAIL 5 ON SHEET C5.10. REFER TO ELECTRICAL PLANS FOR ALL OTHER INFORMATION.

ONE INCH EQUALS FULL SCALE

20 0 10 20 40

(FEET)

1 INCH = 20 FT

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AREA 'A'
UTILITY PLAN

C4.10

PERMIT SUBMITTAL

1 C4.20 **AREA 'B' UTILITY PLAN**

1"=20'

ONE INCH EQUALS FULL SCALE

UTILITY NOTES:

REFER TO C0.01 FOR GENERAL UTILITY NOTES.

WATER CONSTRUCTION NOTES:

1. RECONNECT DOMESTIC WATER SERVICE AT NEW HERCHE BUILDING LOCATION. EXACT LOCATION OF EXISTING WATER SERVICE LINE IS UNKNOWN. REFER TO HERCHE BUILDING RELOCATION PLANS UNDER SEPARATE COVER FOR BUILDING PLUMBING INFORMATION. CONTRACTOR TO FIELD FIT DOMESTIC WATER SERVICE ALIGNMENT AND RECONNECTION BASED ON HERCHE BUILDING PLANS AND ACTUAL WATER LOCATION AND ELEVATION, COORDINATE WITH ENGINEER AS NECESSARY AT TIME OF CONSTRUCTION.
2. INSTALL NEW DOMESTIC WATER SERVICE LINE IN TRENCH SIMILAR TO DETAIL 6 ON SHEET C5.00. INSTALLATION TO CONFORM TO CURRENT OPSC.
3. REFER TO BUILDING PLUMBING PLANS FOR CONTINUATION INTO BUILDING. WATER LINE TO BE SEALED AT EACH END WITHIN BUILDING FOR FUTURE CONNECTIONS.

SANITARY SEWER CONSTRUCTION NOTES:

1. RECONNECT SANITARY SEWER AT NEW HERCHE BUILDING LOCATION. EXACT LOCATION OF EXISTING SEWER SERVICE LINE IS UNKNOWN, BUT IS SITUATED TO THE SOUTHEAST OF THE EXISTING HERCHE BUILDING LOCATION AND DRAINS UNDER THE SKATE PARK TO THE PUBLIC SEWER SYSTEM IN BROADWAY. REFER TO HERCHE BUILDING RELOCATION PLANS UNDER SEPARATE COVER FOR BUILDING PLUMBING INFORMATION. CONTRACTOR TO FIELD FIT SANITARY SEWER SERVICE ALIGNMENT BASED ON HERCHE BUILDING PLANS AND ACTUAL SEWER LOCATION AND ELEVATION, COORDINATE WITH ENGINEER AS NECESSARY AT TIME OF CONSTRUCTION. REFER TO DETAIL 12 ON SHEET C5.00.
2. INSTALL NEW ASTM 3034 PVC GRAVITY SANITARY SEWER SERVICE LINE IN TRENCH SIMILAR TO DETAIL 8 ON SHEET C5.00. INSTALLATION TO CONFORM TO CURRENT OPSC.
3. INSTALL NEW HDPE OR SCH 40 PVC PRESSURE RATED SANITARY SEWER SERVICE LINE IN TRENCH SIMILAR TO DETAIL 8 ON SHEET C5.00. INSTALLATION TO CONFORM TO CURRENT OPSC.
4. APPROXIMATE LOCATION OF FUTURE SEWAGE EJECTOR PUMP. INSTALL WATERTIGHT CAP ON PRESSURE RATED SERVICE LINE AND GRAVITY SEWER STUB FROM BUILDING. STAMP CONCRETE SIDEWALK WITH AN 'S' AT STUB LOCATION FOR FUTURE LOCATING. EXTEND TRACER WIRE INTO BUILDING AND SECURE INSIDE BUILDING.
5. CONNECT NEW PRESSURE RATED SERVICE LINE TO GRAVITY SERVICE LINE SIMILAR TO DETAIL 12 ON SHEET C5.00.

POWER AND DATA/COMMUNICATIONS CONSTRUCTION NOTES:

1. INSTALL POWER CONDUIT IN TRENCH SIMILAR TO DETAIL 8 ON SHEET C5.00. VERIFY CONDUIT SIZE WITH ELECTRICAL PLANS PRIOR TO CONSTRUCTION. CONDUCTORS AND ALL OTHER INFORMATION PER ELECTRICAL PLANS.
2. APPROXIMATE LOCATION OF NEW POWER JUNCTION BOX. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3. CONSTRUCT 5' X 5' CONCRETE EQUIPMENT PAD BY CONTRACTOR IN APPROXIMATE LOCATION SHOWN. REINSTALLATION OF PAD MOUNTED TRANSFORMER BY PACIFIC POWER.
5. INSTALL CONDUIT TO EXISTING CROWS NEST FOR NEW A.V. CONNECTION.
6. APPROXIMATE LOCATION OF NEW 10' LED SITE LIGHTING POLE. REFER TO ELECRICAL PLANS FOR ALL INFORMATION.
7. NEW 'MUSCO' LED FIELD LIGHTING ON NEW POLE AND FOUNDATION. FOUNDATION, POLE, AND CONNECTION FROM JUNCTION BOX TO POLE TO BE DESIGNED AND CONSTRUCTED BY 'MUSCO' AS A DEFERRED SUBMITTAL MANAGED BY 'MUSCO'.
8. NEW 'MUSCO' PEDESTRIAN LIGHT INSTALLED ON NEW POLE BELOW FIELD LIGHTING SYSTEM. ALL DETAILS AND INSTALLATION BY 'MUSCO'
9. NEW 'MUSCO' PEDESTRIAN LIGHT INSTALLED ON EXISTING 'MUSCO' FIELD LIGHTING POLE. ALL DETAILS AND INSTALLATION BY 'MUSCO'.
10. INSTALL ELECTRICAL CONDUIT STUB FOR FUTURE OFOI SHED CONNECTION. CONDUCTOR AND FINAL CONNECTION OFOI.
11. NEW JUNCTION BOX FOR 'MUSCO' FIELD LIGHTING SYSTEM. BOX TO BE 'OLDCASTLE' '1730 FLARE' WITH POLYMER COVER WITH HEX HEAD FASTENERS MARKED 'STREET LIGHTING' OR APPROVED ALTERNATIVE. BOX TO BE SET ON 6" MINIMUM OF COMPACTED 3/4" MINUS CRUSHED ROCK. TOP OF BOX TO BE FLUSH WITH ADJACENT PAVED SURFACES OR 1" TO 2" ABOVE ADJACENT SOFTSCAPE SURFACES.
12. APPROXIMATE LOCATION OF NEW METER BASE BY PACIFIC POWER.
13. APPROXIMATE ALIGNMENT OF PRIMARY POWER FROM EXISTING PRIMARY VAULT TO RELOCATED TRANSFORMER. 3" SCH 40 PVC CONDUIT BY CONTRACTOR, CONDUCTOR BY PACIFIC POWER.
14. APPROXIMATE ALIGNMENT OF SECONDARY POWER FROM RELOCATED TRANSFROMER TO NEW METER BASE. 3" SCH 40 PVC CONDUIT BY CONTRACTOR, CONDUCTOR BY PACIFIC POWER.

20 0 10 20 40

(FEET)

1 INCH = 20 FT

ZCS ENGINEERING ARCHITECTURE
524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2011
ZACHARY A. STOKES
EXPIRES: 06-30-24

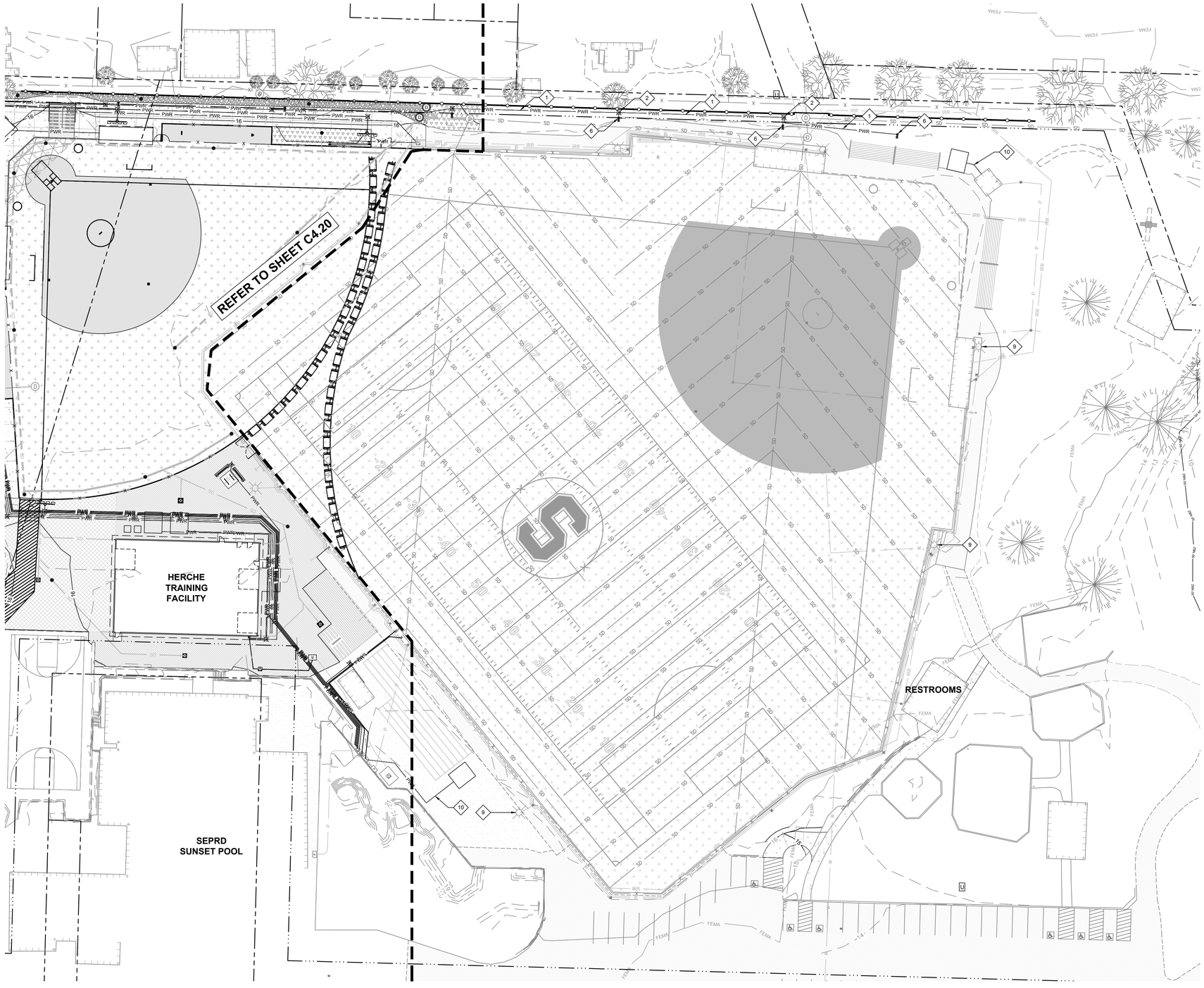
REVISION ID:	DATE:
1 CMGC BID SET	09-01-23

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

AREA 'B'
UTILITY PLAN

C4.20

PERMIT SUBMITTAL



1 C4.30 **AREA 'C' UTILITY PLAN**

1"=30'

30 0 15 30 60

(FEET)

1 INCH = 30 FT

ONE INCH EQUALS FULL SCALE

UTILITY NOTES:

REFER TO C0.01 FOR GENERAL UTILITY NOTES.

POWER AND DATA/COMMUNICATIONS CONSTRUCTION NOTES:

1. INSTALL POWER CONDUIT IN TRENCH SIMILAR TO DETAIL 8 ON SHEET C5.00. VERIFY CONDUIT SIZE WITH ELECTRICAL PLANS PRIOR TO CONSTRUCTION. CONDUCTORS AND ALL OTHER INFORMATION PER ELECTRICAL PLANS.
2. APPROXIMATE LOCATION OF NEW POWER JUNCTION BOX. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
6. APPROXIMATE LOCATION OF NEW 10' LED SITE LIGHTING POLE. REFER TO ELECRICAL PLANS FOR ALL INFORMATION.
9. NEW 'MUSCO' PEDESTRIAN LIGHT INSTALLED ON EXISTING 'MUSCO' FIELD LIGHTING POLE. ALL DETAILS AND INSTALLATION BY 'MUSCO'.
10. INSTALL ELECTRICAL CONDUIT STUB FOR FUTURE OFOI SHED CONNECTION. CONDUCTOR AND FINAL CONNECTION OFOI.

ZCS ENGINEERING ARCHITECTURE

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SEASIDE SCHOOL DISTRICT
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SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2012
ZACHARY A. STOKES
EXPIRES: 06-30-24

REVISION ID:	DATE:

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DRAWN:	LRS
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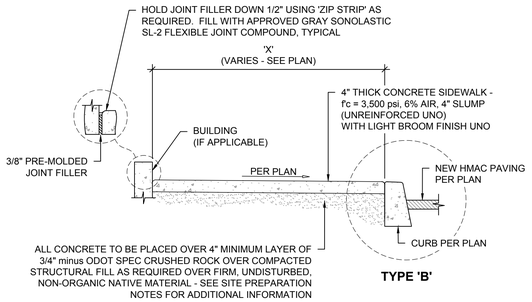
DATE:	05-19-2023

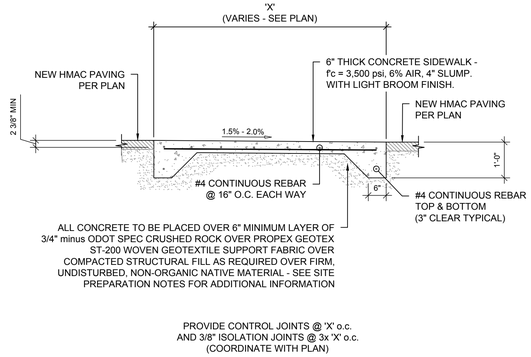
AREA 'C'
UTILITY PLAN

C4.30

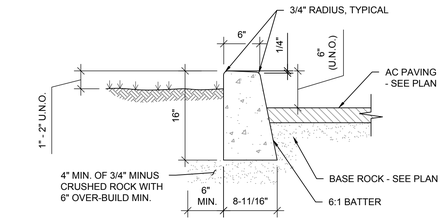
PERMIT SUBMITTAL



1 C5.00 **UNREINFORCED SIDEWALK SECTIONS** 1/2" = 1'



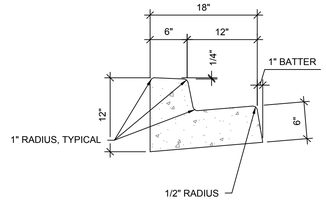
2 C5.00 **REINFORCED SIDEWALK SECTION WITH ASPHALT** 1/2" = 1'



NOTES:

1. PROVIDE CONTRACTION JOINTS AT 15' MAXIMUM SPACING AND AT ENDS OF EACH INLET AND RAMP.
2. PROVIDE 3/8" ISOLATION JOINT (HOLD JOINT FILLER DOWN 1/2", TYPICAL) AT 100' MAXIMUM SPACING, AND AT POINTS OF TANGENCY, AND AT EACH DRIVEWAYS END.
3. COORDINATE JOINT SPACING TO MATCH CONCRETE SIDEWALK SCORING SPACING.

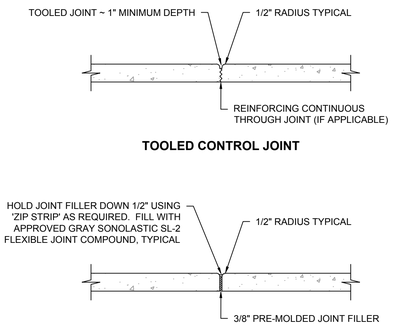
3 C5.00 **TYPE 'B' STANDARD CURB** 1" = 1'



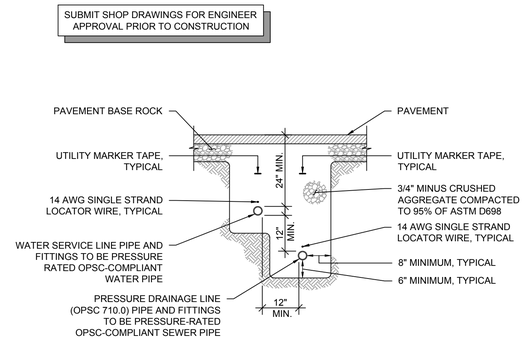
NOTES:

1. PROVIDE CONTRACTION JOINTS AT 15' MAXIMUM SPACING AND AT ENDS OF EACH INLET AND RAMP.
2. PROVIDE 3/8" ISOLATION JOINT (HOLD JOINT FILLER DOWN 1/2", TYPICAL) AT 100' MAXIMUM SPACING, AND AT POINTS OF TANGENCY, AND AT EACH DRIVEWAYS END.
3. COORDINATE JOINT SPACING TO MATCH CONCRETE SIDEWALK SCORING SPACING.

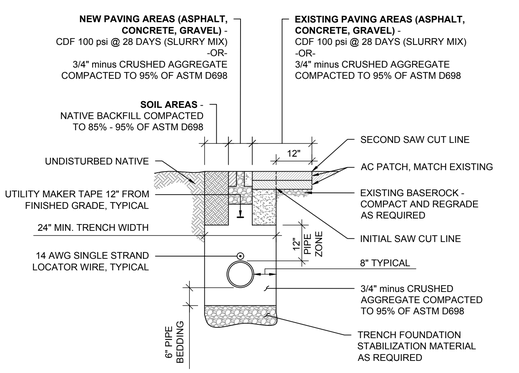
4 C5.00 **TYPE 'A' STANDARD CURB AND GUTTER** 1" = 1'



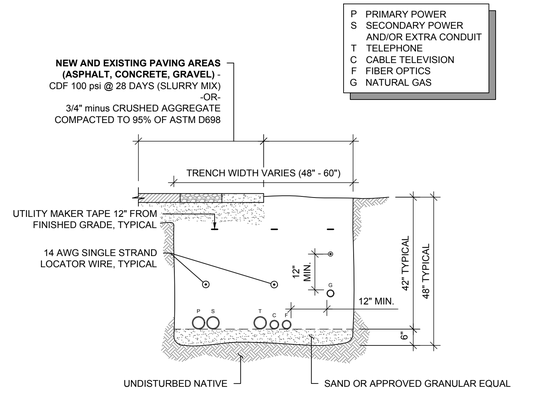
5 C5.00 **SIDEWALK JOINTING DETAILS** 3/4" = 1'



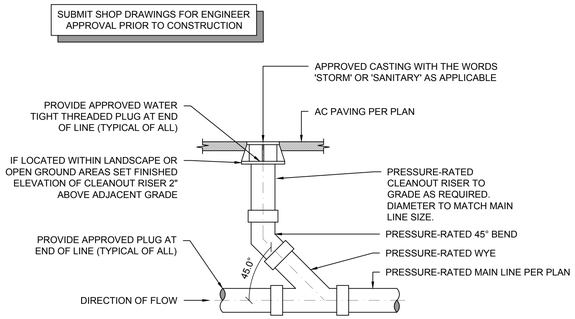
6 C5.00 **SHARED PRIVATE WATER AND SEWER TRENCH** NTS



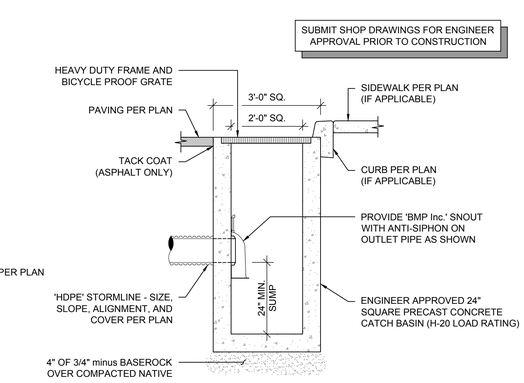
7 C5.00 **TYPICAL PRIVATE WET UTILITY TRENCH SECTION** 1/2" = 1'



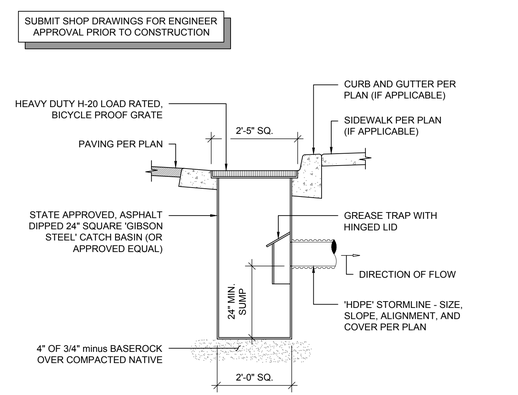
8 C5.00 **TYPICAL COMMON DRY UTILITY TRENCH SECTION** 1/2"= 1'



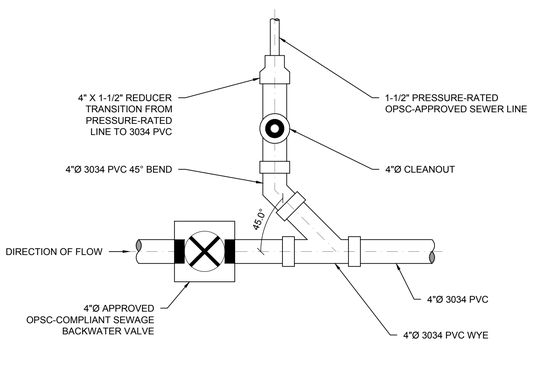
9 C5.00 **TYPICAL PRIVATE CLEANOUT TO GRADE** NTS



10 C5.00 **TYPICAL CONCRETE CATCHBASIN** 1/2" = 1'



11 C5.00 **STEEL CATCH BASIN** 1/2" = 1'



12 C5.00 **PRESSURE SEWER CONNECTION TO GRAVITY SEWER** NTS

ONE INCH EQUALS FULL SCALE

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524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2013
ZACHARY A. STOKES
EXPIRES: 06-30-24

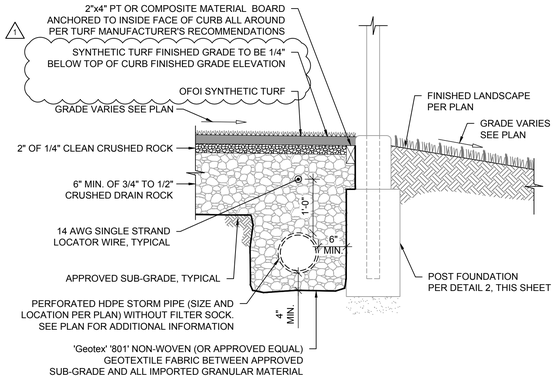
REVISION ID:	DATE:

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

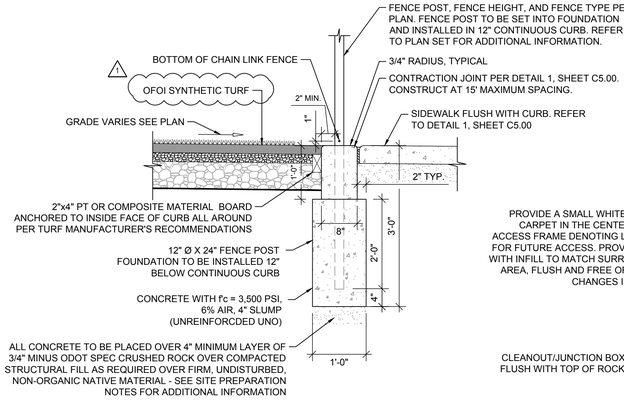
PRIVATE CIVIL DETAILS

C5.00

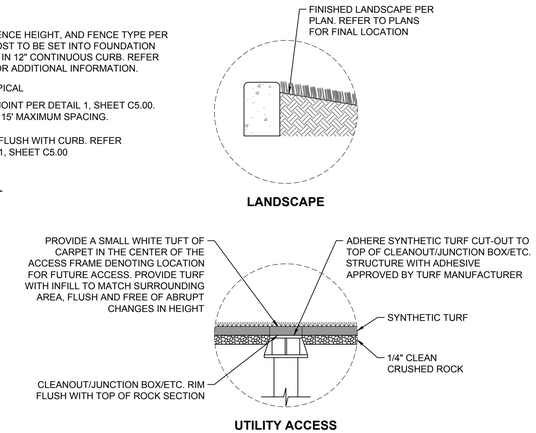
PERMIT SUBMITTAL

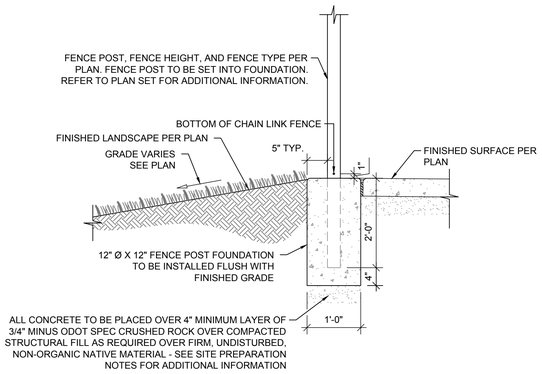


1 C5.10 **PERIMETER DRAIN AT SYNTHETIC TURF** NTS

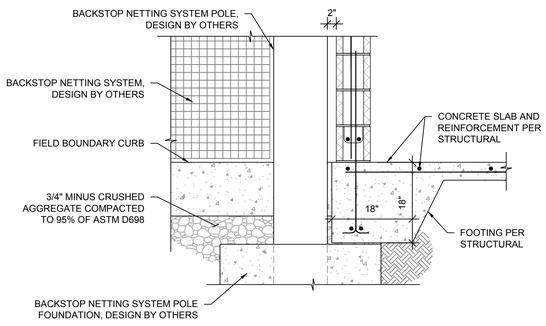


2 C5.10 **PERIMETER CONCRETE CURB** 3/4" = 1'

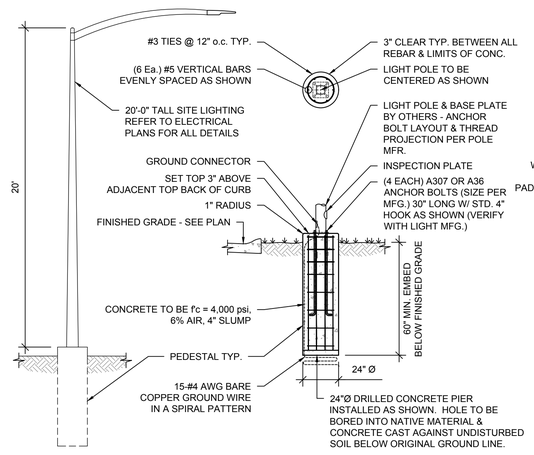




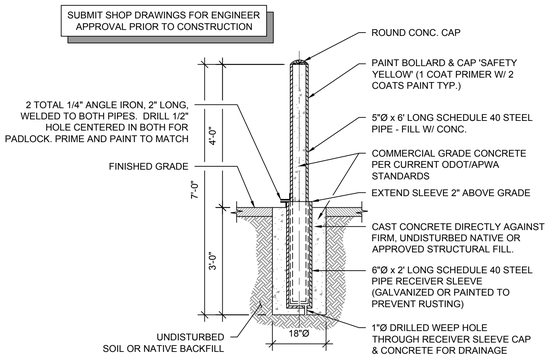
3 C5.10 **FENCE POST FOUNDATION WITHOUT CURB** 3/4" = 1'



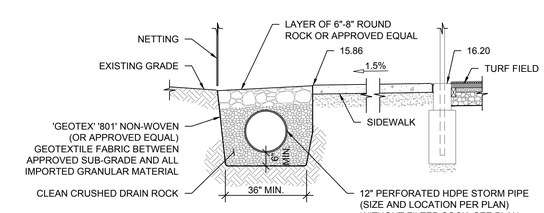
4 C5.10 **BACKSTOP NETTING & DUGOUT CONFIGURATION** NTS



5 C5.10 **20' TALL MAXIMUM SITE LIGHTING POLE BASE** NTS

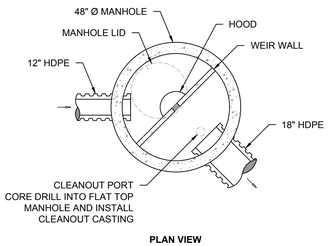


6 C5.10 **REMOVABLE BOLLARD DETAIL** NTS

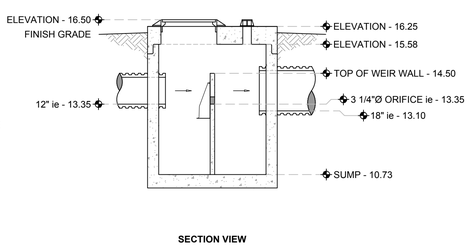


6 C5.10 **NORTH PROPERTY LINE DETENTION SYSTEM** NTS

SUBMIT SHOP DRAWINGS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION



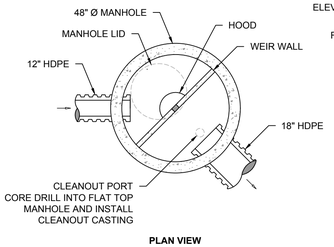
PLAN VIEW



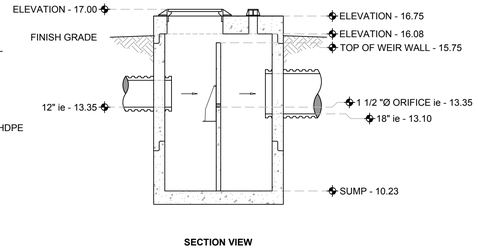
SECTION VIEW

7 C5.10 **NORTH PROPERTY LINE DETENTION SYSTEM DISCHARGE CONTROL STRUCTURE** NTS

SUBMIT SHOP DRAWINGS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION



PLAN VIEW



SECTION VIEW

8 C5.10 **TURF FIELD DETENTION SYSTEM DISCHARGE CONTROL STRUCTURE** NTS

ONE INCH EQUALS FULL SCALE

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SEASIDE SCHOOL DISTRICT
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BROADWAY FIELD RENOVATIONS

SEASIDE SCHOOL DISTRICT

CITY OF SEASIDE

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2022
ZACHARY A. STOKES
EXPIRES: 06-30-24

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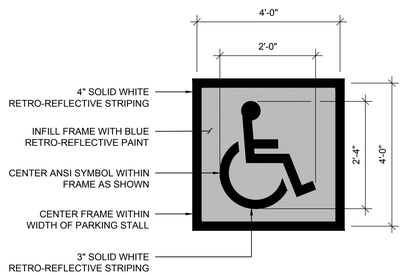
PRIVATE CIVIL DETAILS

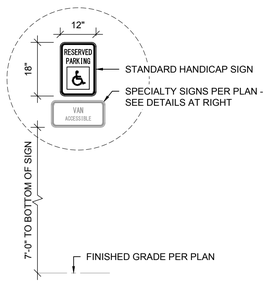
C5.10

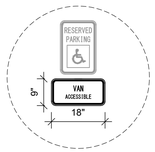
PERMIT SUBMITTAL

ALL PAINT SHALL BE FAST DRYING 'TRAFFIC LINE PAINT' CONFORMING TO ODOT STANDARD SPECIFICATIONS. ALL STRIPING/PAINT SHALL BE APPLIED TWICE. ALL COLORS AND SYMBOL PROPORTIONS SHALL COMPLY WITH CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN. COORDINATE WITH ENGINEER IN THE EVENT OF DISCREPANCIES.

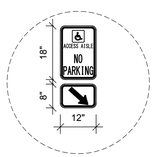


STANDARD HANDICAP
'R7-8'





VAN ACCESSIBLE
'R7-8P'



ACCESS AISLE NO PARKING
'OR7-9'
ACCESS AISLE INDICATOR
'OR7-9a'

SUBMIT SHOP DRAWINGS FOR ENGINEER APPROVAL PRIOR TO CONSTRUCTION

1 C5.20 **ACCESSIBILITY SYMBOL AND SIGNAGE**

NTS

ONE INCH EQUALS FULL SCALE

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SEASIDE SCHOOL DISTRICT
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SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 14, 2017
ZACHARY A. STOKES
EXPIRES: 06-30-24

REVISION ID:	DATE:

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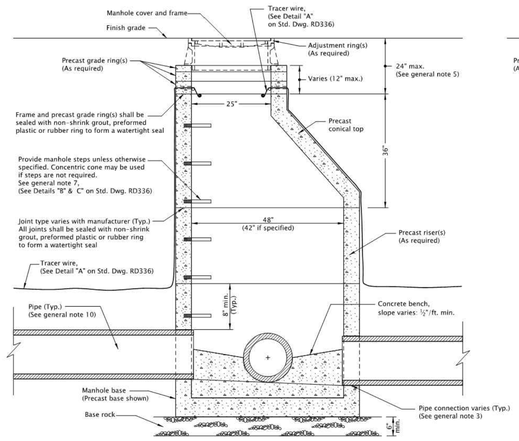
PRIVATE CIVIL DETAILS

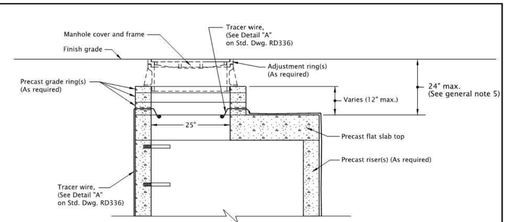
C5.20

PERMIT SUBMITTAL

rd335.dgn 20-JUL-2020



MANHOLE WITH PRECAST CONICAL TOP



MANHOLE WITH PRECAST FLAT SLAB TOP

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All precast products shall conform to requirements of ASTM C478.
2. Standard precast manhole section diameter shall be 48". Use 42" if specified by the Engineer.
3. See Std. Dwg. RD345 for pipe to manhole connections.
4. See Std. Dwg. RD344 for manhole base section.
5. Adjust 24" maximum.
6. All connecting pipes shall have a tracer wire, or approved alternate.
7. See Std. Dwg. RD336 for manhole steps.
8. See Std. Dwg. RD336 for details not shown.
9. See Std. Dwg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
10. Max. pipe diameter varies with pipe material.
11. See Std. Dwg. RD342 for shallow manholes.
12. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.

CALC. BOOK NO. N/A

SDR DATE 21-JUN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

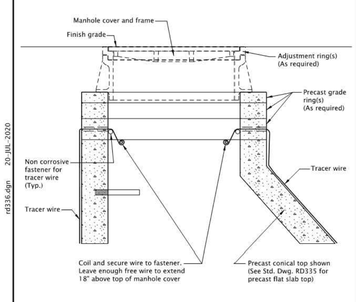
STANDARD STORM SEWER MANHOLE

2021

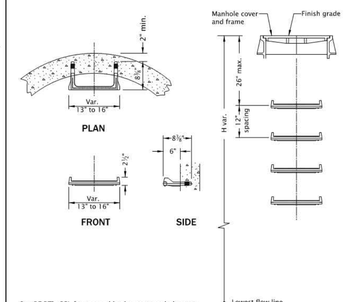
DATE	REVISION DESCRIPTION

Effective Date: December 1, 2022 - May 31, 2023 RD335

rd336.dgn 20-JUL-2020

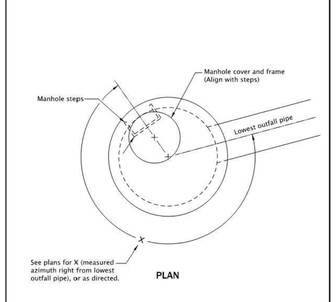


DETAIL "A"
TRACER WIRE
(See general note 6)



See ODOT's QPL for acceptable alternate manhole steps.
NOTE: No conflict with pipe align with available shelf.

DETAIL "B"
MANHOLE STEPS
(See general note 7)



DETAIL "C"
PRECAST CONICAL TOP
OR
PRECAST FLAT SLAB TOP
AND MANHOLE STEPS ORIENTATION
(See general note 7)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All precast products shall conform to requirements of ASTM C478.
2. Standard precast manhole section diameter shall be 48". Use 42" if specified by the Engineer.
3. See Std. Dwg. RD345 for pipe to manhole connections.
4. See Std. Dwg. RD344 for manhole base section.
5. Adjust 24" maximum.
6. All connecting pipes shall have a tracer wire, or approved alternate. Place tracer wire directly over pipe centerline and on top of the pipe zone material.
7. Steps shall conform to requirements of ASTM C478. When H=42" or less omit steps. See Detail "C" for alignment of steps, and manhole cover and frame.
8. See Std. Dwg. RD335 for details not shown.
9. See Std. Dwg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
10. Max. pipe diameter varies with pipe material.
11. See Std. Dwg. RD342 for shallow manholes.
12. See project plans for details not shown.

CALC. BOOK NO. N/A

SDR DATE 16-JAN-2019

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

STANDARD MANHOLE DETAILS

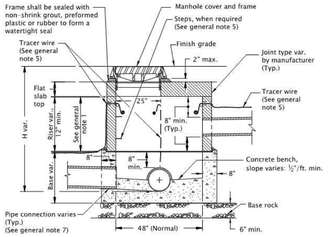
2021

DATE	REVISION DESCRIPTION

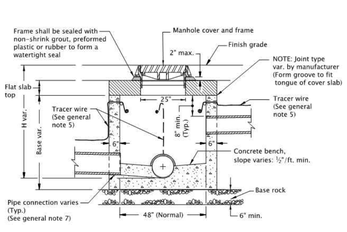
Effective Date: December 1, 2022 - May 31, 2023 RD336

ONE INCH EQUALS FULL SCALE

rd342.dgn 20-JUL-2020



SECTION A-A
(Base, Riser & Flat Slab Top)



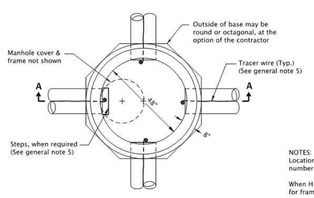
SECTION B-B
(Base, Riser & Flat Slab Top)

LEGEND
(See general note 3)

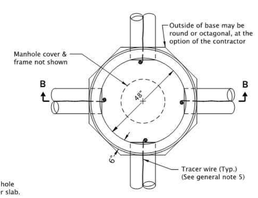
- Cast-in-Place concrete
- Precast concrete
- 1: 2 cement mortar
- Sewer pipe

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Minimum length if laterals or connections are inserted: outside diameter of pipe + 17".
2. Use Section B-B when length of riser becomes less than minimum shown.
3. Base may be precast or cast-in-place.
4. All precast products shall conform to the requirements of ASTM C478.
5. See Std. Dwg. RD336 for details not shown.
6. See Std. Dwg. RD344 for manhole base section.
7. See Std. Dwg. RD345 for pipe to manhole connections.
8. See Std. Dwg. RD356 for manhole covers and frames.
9. All concrete shall be commercial grade concrete.
10. Max. pipe diameter varies with pipe material.
11. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.



TOP VIEW
(Base, Riser & Flat Slab Top)



TOP VIEW
(Base & Flat Slab Top)

NOTES:
Location, elevation, and number of pipe(s) varies.

When H=42" or less make hole for frame in center of cover slab.

When H=42" or less omit steps.

CALC. BOOK NO. N/A

SDR DATE 21-JUL-2015

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

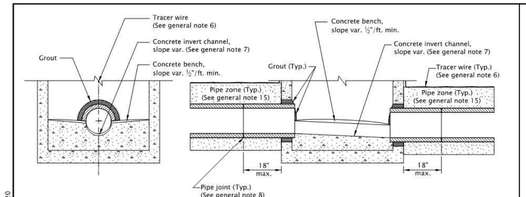
SHALLOW MANHOLES

2021

DATE	REVISION DESCRIPTION

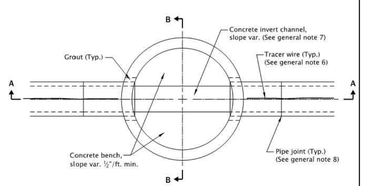
Effective Date: June 1, 2022 - November 30, 2022 RD342

rd345.dgn 20-JUL-2020



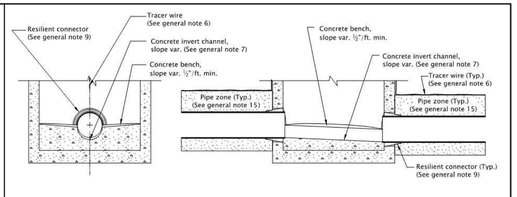
SECTION B-B

SECTION A-A



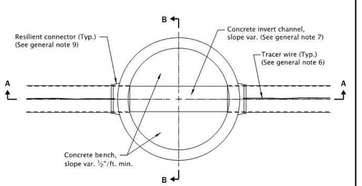
PLAN

CONNECTION OF RIGID PIPE TO MANHOLE



SECTION B-B

SECTION A-A



PLAN

CONNECTION OF FLEXIBLE PIPE TO MANHOLE

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. All precast sections shall conform to requirements of ASTM C478.
2. Manhole base sections may be precast or cast-in-place.
3. All concrete shall be commercial grade concrete.
4. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
5. Max. pipe diameter varies with pipe material.
6. All connecting pipes shall have a tracer wire, or approved alternate. See Std. Dwg. RD336 for tracer wire details.
7. Invert channels shall be constructed to provide smooth slopes and radii to outlet pipe.
8. When rigid pipe is used, the connecting pipe shall have a flexible, gasketted and unrestrained joint within 18" of manhole wall. Joint type varies with manufacturer.
9. When flexible pipe is used, install resilient connectors conforming to requirements of ASTM C923.
10. See Std. Dwgs. RD335, RD336, and RD338 for details not shown.
11. See Std. Dwg. RD336 for manhole steps details.
12. See Std. Dwg. RD342 for shallow manholes.
13. See Std. Dwg. RD344 for manhole base section.
14. See Std. Dwg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
15. Pipe zone varies, see Std. Dwg. RD300.

CALC. BOOK NO. N/A

SDR DATE 14-JUL-2014

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

PIPE TO MANHOLE CONNECTIONS

2021

DATE	REVISION DESCRIPTION
01-2022	REVISED NOTES

Effective Date: December 1, 2022 - May 31, 2023 RD345

ZCS ENGINEERING ARCHITECTURE
524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2011
ZACHARY A. STOKES
EXPIRES: 06-30-24

REVISION ID:	DATE:

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

AGENCY STANDARD DETAILS

C6.00

PERMIT SUBMITTAL

MINIMUM STANDARD SINGLE-ACCESSIBLE PARKING SPACE (VAN-ACCESSIBLE DESIGNATION REQUIRED)

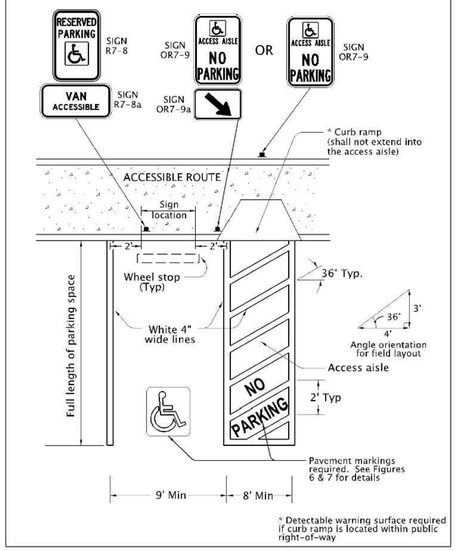
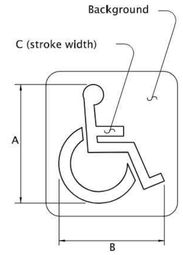


Figure 1

OREGON TRANSPORTATION COMMISSION
Standards for Accessible Parking Places
August 2018

PAVEMENT MARKING STENCIL



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.

Figure 6

OREGON TRANSPORTATION COMMISSION
Standards for Accessible Parking Places
August 2018

PAVEMENT MARKING LEGEND

Pavement Marking Legend: White or Yellow, Retroreflective

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.

Figure 7

OREGON TRANSPORTATION COMMISSION
Standards for Accessible Parking Places
August 2018

SIGN DESIGN

SIGN NO. R7-8

Sign Background: White, Retroreflective sheeting

Sign Legend: Green, Retroreflective sheeting

Sign Symbol: White on Blue, Retroreflective sheeting

Refer to Standard Highway Signs book for details.

The Disabled Person parking sign is used to designate a parking area reserved for vehicles with DMV permit as stated.

Figure 8

OREGON TRANSPORTATION COMMISSION
Standards for Accessible Parking Places
August 2018

SIGN DESIGN

SIGN NO. R7-8P

Sign Background: White, Retroreflective sheeting

Sign Legend: Green, Retroreflective sheeting

Refer to Standard Highway Signs book for details and dimensions.

The VAN-ACCESSIBLE sign shall only be used with sign R7-8 to designate the parking spaces that have an access aisle 8 ft or wider

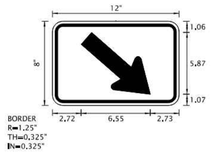
Figure 9

OREGON TRANSPORTATION COMMISSION
Standards for Accessible Parking Places
August 2018

SIGN DESIGN

SIGN NO. OR7-9

SIGN NO. OR7-9a



Sign Background: White, Retroreflective sheeting

Sign Legend: Red, Retroreflective sheeting

Sign Symbol: White on Blue, Retroreflective sheeting

Sign OR7-9a: Use when back of walk directly behind access aisle is not available for sign placement and sign must be placed to one side of pedestrian access ramp.

The No Parking in Access Aisle sign is used to designate an access aisle reserved for persons use parking with DMV permit. Install sign in locations where "No Parking" pavement marking may not be visible regularly from snow or sand. Place sign to have direct view from end of access aisle when possible outside of accessible route.

Figure 11

ONE INCH EQUALS FULL SCALE

ZCS ENGINEERING ARCHITECTURE
524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATIONS

REGISTERED PROFESSIONAL ENGINEER OREGON June 7, 2011 ZACHARY A. STOKES
EXPIRES: 06-30-24

REVISION ID:	DATE:
1 CMGC BID SET	09-01-23

PROJECT NO:	P-2821-22
DRAWN:	LRS
CHECKED:	BJD
DATE:	05-19-2023

AGENCY STANDARD DETAILS

C6.10

PERMIT SUBMITTAL

FLOOR FINISHES

FINISH CODE	MATERIAL	LOCATION	MANUFACTURER	STYLE / COLOR	PRODUCT NOTES	INSTALLATION NOTES
SC	SEALED CONCRETE	INTERIOR	-	-	SEE SPEC	WITH SLIP-RESISTANT TREATMENT

WALL BASE FINISHES

FINISH CODE	MATERIAL	LOCATION	MANUFACTURER	STYLE / COLOR	SIZE / THICKNESS	INSTALLATION NOTES
WD1	WOOD	SCORE KEEPING	-	PAINT PT1	3 1/2" x 7/16"	MITER ALL INSIDE AND OUTSIDE CORNERS

PAINT/WALL FINISHES

FINISH CODE	MATERIAL	LOCATION	MANUFACTURER	STYLE / COLOR	FINISH SHEEN	INSTALLATION NOTES
PT1	PAINT	WALLS, U.N.O.	SHERWIN WILLIAMS	SNOWBOUND (SW 7004)	SEE FINISH NOTES	-
PT2	PAINT	EXTERIOR TRIM	SHERWIN WILLIAMS	EXTRA WHITE	SUPER PAINT, EXTERIOR LATEX, GLOSS	COLOR SHALL MATCH (E) FIELD STRUCTURES
PT3	PAINT	EXTERIOR SIDING	SHERWIN WILLIAMS	DARK GREEN (8275-21640)	SEE FINISH NOTES	COLOR SHALL MATCH (E) FIELD STRUCTURES
PT4	PAINT	DOOR AND FRAME	SHERWIN WILLIAMS	SOFTWARE (SW 7074)	SEE FINISH NOTES	-
PT5	PAINT	DOOR AND FRAME	SHERWIN WILLIAMS	EXTRA WHITE	SEE FINISH NOTES	COLOR MATCH WHITE TRIM

EXTERIOR SIDING

FINISH CODE	MATERIAL	LOCATION	MANUFACTURER	STYLE / FINISH	COLOR	INSTALLATION NOTES
CMU1	CONCRETE MASONRY UNITS	EXTERIOR SIDING	MUTUAL MATERIALS OR EQUAL	8"x8"x16" GROUND FACE WITH ANTI-GRAFFITI COATING	NATURAL	INSTALL PER DETAILS AND MFR. INSTRUCTIONS
CMU2	CONSRETE MASONRY UNITS	EXTERIOR SIDING	MUTUAL MATERIALS OR EQUAL	8"x8"x16" POLISHED WITH ANTI-GRAFFITI COATING	MESA TAN	INSTALL PER DETAILS AND MFR. INSTRUCTIONS
S1	FIBER CEMENT SIDING	EXTERIOR SIDING	JAMES HARDIE OR EQUAL	8 1/4" LAP SIDING / PRIMED FOR PAINT	PT3	INSTALL PER DETAILS AND MFR. INSTRUCTIONS
T1	FIBER CEMENT TRIM	EXTERIOR TRIM	JAMES HARDIE OR EQUAL	5/4x3 1/2" / PRIMED FOR PAINT	PT2	INSTALL PER DETAILS AND MFR. INSTRUCTIONS
T2	FIBER CEMENT TRIM	EXTERIOR TRIM	JAMES HARDIE OR EQUAL	5/4x7 1/4" / PRIMED FOR PAINT	PT2	INSTALL PER DETAILS AND MFR. INSTRUCTIONS
F1	FIBER CEMENT FASCIA	ROOF FASCIA	JAMES HARDIE OR EQUAL	5/4x7 1/4" / PRIMED FOR PAINT	PT2	INSTALL PER DETAILS AND MFR. INSTRUCTIONS
F2	FIBER CEMENT FASCIA	ROOF FASCIA	JAMES HARDIE OR EQUAL	5/4x9 1/4" / PRIMED FOR PAINT	PT2	INSTALL PER DETAILS AND MFR. INSTRUCTIONS

ROOFING SCHEDULE

FINISH CODE	MATERIAL	LOCATION	MANUFACTURER	STYLE / FINISH	COLOR	INSTALLATION NOTES
SSR	STANDING SEAM METAL ROOF	DUGOUT AND CROW'S NEST ROOF	TAYLOR METAL OR EQUAL	MS-150, 24 Ga. STANDING SEAM ROOF WITH STRIATIONS, 16" PANEL COVERAGE	TILE RED	INSTALL PER DETAILS AND MFR. INSTRUCTIONS

CASEWORK FINISHES

FINISH CODE	MATERIAL	LOCATION	MANUFACTURER	PRODUCT NUMBER / STYLE / COLOR	PRODUCT DETAIL	NOTES
PL1	PLASTIC LAMINATE	SCORE KEEPING	WILSONART	CEMENT D503	BEVELED EDGE	INSTALL PER DETAILS AND MFR. INSTRUCTIONS

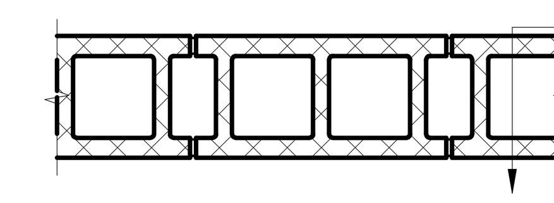
WALL TYPE LEGEND

SCALE: 1" = 1'-0"

GENERAL WALL TYPE NOTES:
A. PROVIDE BLOCKING AS REQUIRED TO SECURE WALL HUNG COMPONENTS.
B. EXTEND ALL COMPONENTS TO UNDERSIDE OF DECK, U.N.O.
C. PROVIDE "GREEN BOARD" IN ALL WET LOCATIONS ADJACENT TO PLUMBING FIXTURES

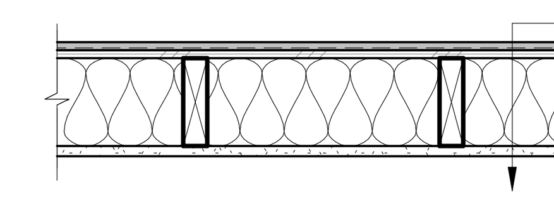
KEYNOTES:
1. NONE

A CMU WALL



8"x8"x16" CMU WALL - SEE STRUCT.
SEE ELEVATIONS FOR BLOCK COLOR, TEXTURE AND PATTERN

B EXTERIOR WALL

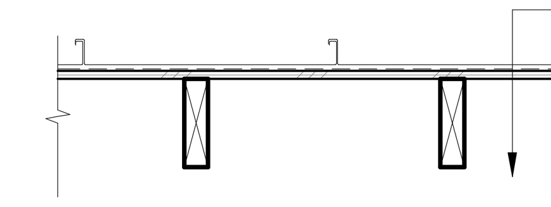


-EXTERIOR-
EXTERIOR SIDING - SEE ELEVATIONS
WEATHER BARRIER
PLY. SHEATHING - SEE STRUCT.
R-21 KRAFT FACED BATT INSULATION
2x6 WOOD FRAMING @ 16" O.C.
5/8" GYP. - LEVEL 3 FINISH - PAINTED
-INTERIOR-

ROOF ASSEMBLIES

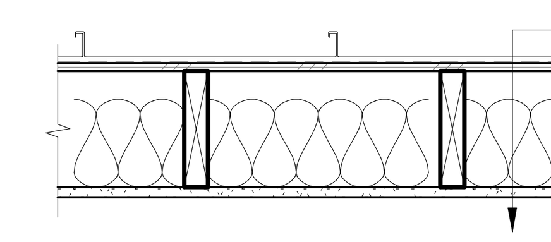
SCALE: 1" = 1'-0"

AA DUGOUT ROOF



-EXTERIOR-
STANDING SEAM METAL ROOFING
ICE & WATER SHIELD UNDERLAYMENT
PLY. SHEATHING - SEE STRUCT.
2x RAFTERS - SEE STRUCT.
-INTERIOR-

BB CROW'S NEST ROOF

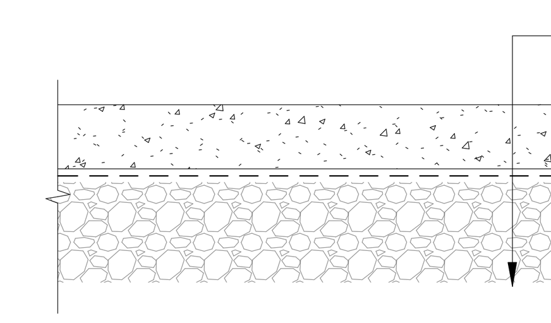


-EXTERIOR-
STANDING SEAM METAL ROOFING
ICE & WATER SHIELD UNDERLAYMENT
PLY. SHEATHING - SEE STRUCT.
R-21 KRAFT FACED BATT INSULATION
2x RAFTERS - SEE STRUCT.
5/8" GYP. - LEVEL 3 FINISH - PAINTED
-INTERIOR-

FLOOR ASSEMBLIES

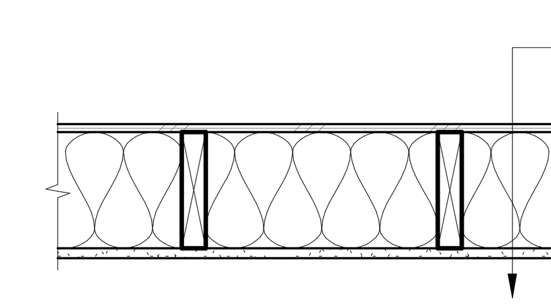
SCALE: 1" = 1'-0"

DD CONCRETE SLAB



4" CONCRETE SLAB - SEE STRUCT.
15-MIL VAPOR BARRIER
4" AGGREGATE - SEE STRUCT.

EE CROW'S NEST UPPER FLOOR



PLYWOOD SHEATHING - SEE STRUCT.
2x FLOOR JOISTS - SEE STRUCT.
R-21 UNFACED BATT INSULATION
5/8" GYP. - LEVEL 3 FINISH - PAINTED

ZCS ENGINEERING ARCHITECTURE
524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATION

REGISTERED PROFESSIONAL ENGINEER
OREGON
June 7, 2012
ZACHARY A. STOKES
[illegible]
EXPIRES: 06-30-24

△REVISION ID:	DATE:

PROJECT NO. P-2821-22
DRAWN: LJS
CHECKED: DDS
DATE: 05-19-2023

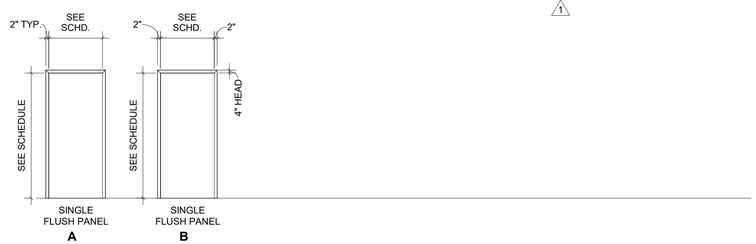
ASSEMBLIES AND FINISH SCHEDULES

A0.1

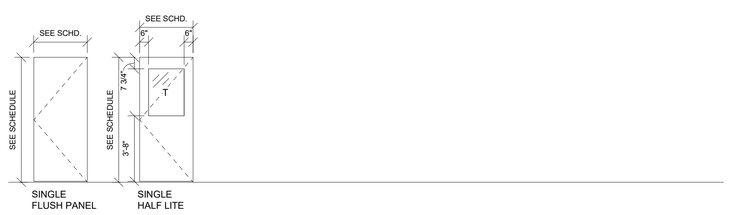
PERMIT SUBMITTAL

DOOR, FRAME AND HARDWARE SCHEDULE

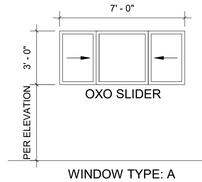
DOOR NUMBER	ROOM NUMBER	ROOM NAME	DOOR							FRAME			HARDWARE	
			SIZE			MTL	TYPE	GLAZE	NOTES	MTL	FRAME TYPE	NOTES	GROUP	NOTES
			W	H	T									
101	101	STORAGE	3'-6"	7'-0"	0'-1 3/4"	HM	SFP	-	2	HM	B	2	1	-
102	102	STORAGE	3'-0"	7'-0"	0'-1 3/4"	HM	SFP	-	2	HM	B	2	2	-
103	103	SCORE KEEPING	3'-0"	7'-0"	0'-1 3/4"	HM	SFP	-	1, 3	HM	A	1, 3	3	-



DOOR FRAME TYPES
1/4" = 1'-0"



DOOR TYPES
1/4" = 1'-0"



WINDOW TYPE: A

WINDOW NOTES:

***"ALL EXTERIOR WINDOWS TO BE INSULATED GLAZING UNITS (IGU'S)**
***"ALL WINDOWS ARE TO BE CLEAR GLAZING (BATHROOMS TO BE OPAQUE).**
***"INNER PANE OF GLASS TO BE LOW-E**
***"ALL WINDOWS SHALL COMPLY WITH ASTM E 774**
***"G.C. TO PROVIDE SAFETY GLAZING FOR ALL WINDOWS WITHIN 24" OF ANY DOOR AND ANY OTHER CRITICAL LOCATION PER OSSC SECTION 2406.4**

WINDOW TYPES
1/4" = 1'-0"

DOOR, FRAME AND HARDWARE SCHEDULE NOTES

DOOR, FRAME & HARDWARE GENERAL NOTES

A. ALL CLOSERS TO COMPLY WITH ANSI A117.1-2017, SECTION 404.2
B. CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH DOOR MANUFACTURER.
C. SEE FLOOR PLANS FOR DOOR SWING
D. PROVIDE SAFTEY GLASS IN ALL DOORS AND SIDLIGHTS.
E. PROVIDE SHOP DRAWINGS FOR ARCH. REVIEW AND APPROVAL.

MANUFACTURERS SPECIFIED

HINGES	MCKINNEY
LOCKS	SARGENT
CLOSERS	SARGENT
OVERHEAD STOPS	RIXSON
THRESHOLDS	PEMKO
SWEEPS	PEMKO
GASKET	PEMKO
LATCH PROTECTOR	ROCKWOOD

ABBREVIATIONS

HM WELDED HOLLOW METAL
WD WOOD - MATCH EXISTING
ALM ALUMINUM
T TEMPERED GLASS
GMB GLASS MARKER BOARD
EX EXISTING - TO REMAIN
IGU INSULATED GLAZING UNIT

DOOR NOTES

1. EXTERIOR - INSULATE
2. PAINT PT4
3. PAINT PT5

FRAME NOTES

1. EXTERIOR - INSULATE
2. PAINT PT4
3. PAINT PT5

HARDWARE NOTES

1. NONE

GROUP #1
DOOR 101

3 EA	HINGE (HEAVY WEIGHT) T4A3386 (NRP)	US32D	MCKINNEY
1 EA	LOCKSET LC 8204 FEL	US26D	SARGENT
1 EA	CYLINDER AS REQUIRED - MATCH (E) KEY SYSTEM		
1 EA	OVERHEAD STOP 9-X36	630	RIXSON
1 EA	CLOSER 281 UO	EN	SARGENT
1 EA	THRESHOLD 271A		PEMKO
1 EA	GASKET S88BL		PEMKO
1 EA	SWEEP 315CN		PEMKO
1 EA	LATCH PROTECTOR 320-RKW	US32D	ROCKWOOD

GROUP #2
DOOR 102

3 EA	HINGE (HEAVY WEIGHT) T4A3386 (NRP)	US32D	MCKINNEY
1 EA	LOCKSET LC 8204 FEL	US26D	SARGENT
1 EA	CYLINDER AS REQUIRED - MATCH (E) KEY SYSTEM		
1 EA	OVERHEAD STOP 9-X36	630	RIXSON
1 EA	CLOSER 281 UO	EN	SARGENT
1 EA	THRESHOLD 271A		PEMKO
1 EA	GASKET S88BL		PEMKO
1 EA	RAIN GUARD 346C		PEMKO
1 EA	SWEEP 315CN		PEMKO
1 EA	LATCH PROTECTOR 320-RKW	US32D	ROCKWOOD

GROUP #3
DOOR 103

3 EA	HINGE (HEAVY WEIGHT) T4A3386 (NRP)	US32D	MCKINNEY
1 EA	LOCKSET LC 8238 FEL	US26D	SARGENT
2 EA	CYLINDER AS REQUIRED - MATCH (E) KEY SYSTEM		
1 EA	CLOSER 281 UO	EN	SARGENT
1 EA	THRESHOLD 271A		PEMKO
1 EA	GASKET S88BL		PEMKO
1 EA	SWEEP 315CN		PEMKO
1 EA	LATCH PROTECTOR ILP-212	US32D	DON-JO MFG.

ZCS ENGINEERING ARCHITECTURE
524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATION

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2013
ZACHARY A. STOKES
EXPIRES: 06-30-24

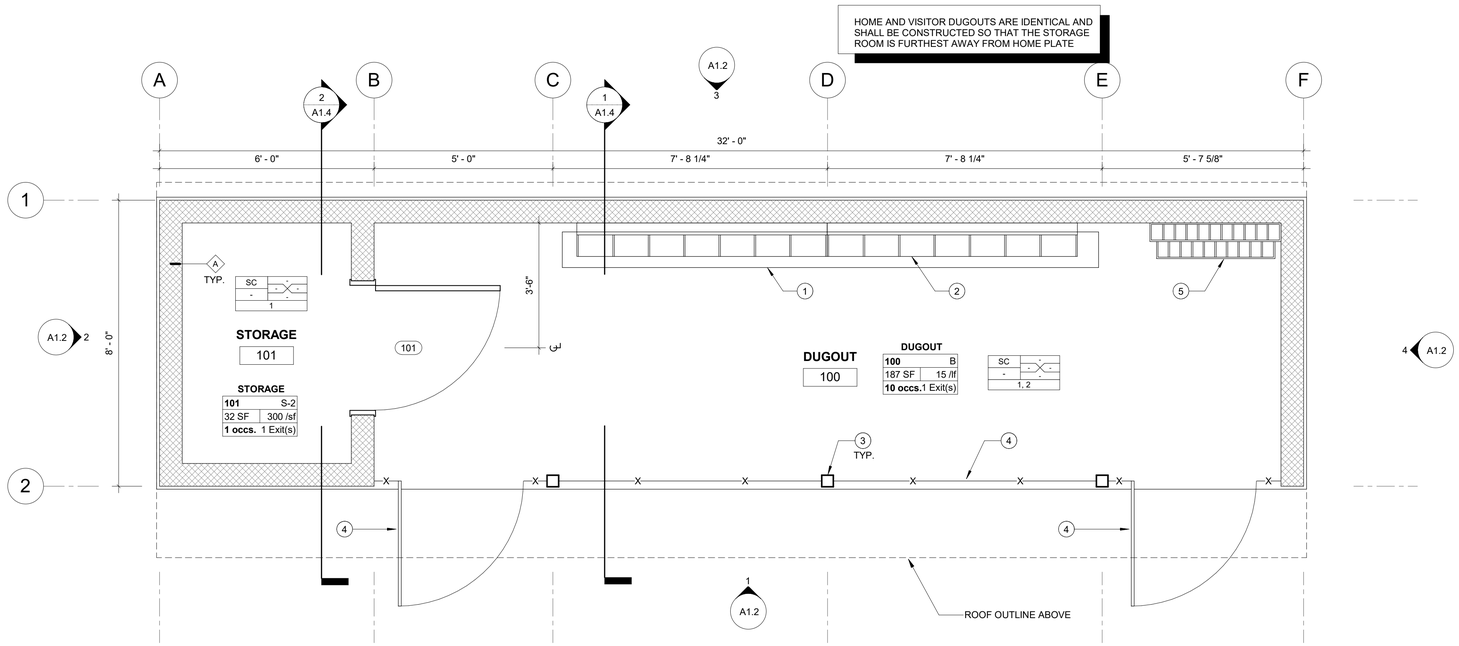
△REVISION ID:	DATE:
1 CMGC BID SET	09-01-23

PROJECT NO.	P-2821-22
DRAWN:	LJS
CHECKED:	DDS
DATE:	05-19-2023

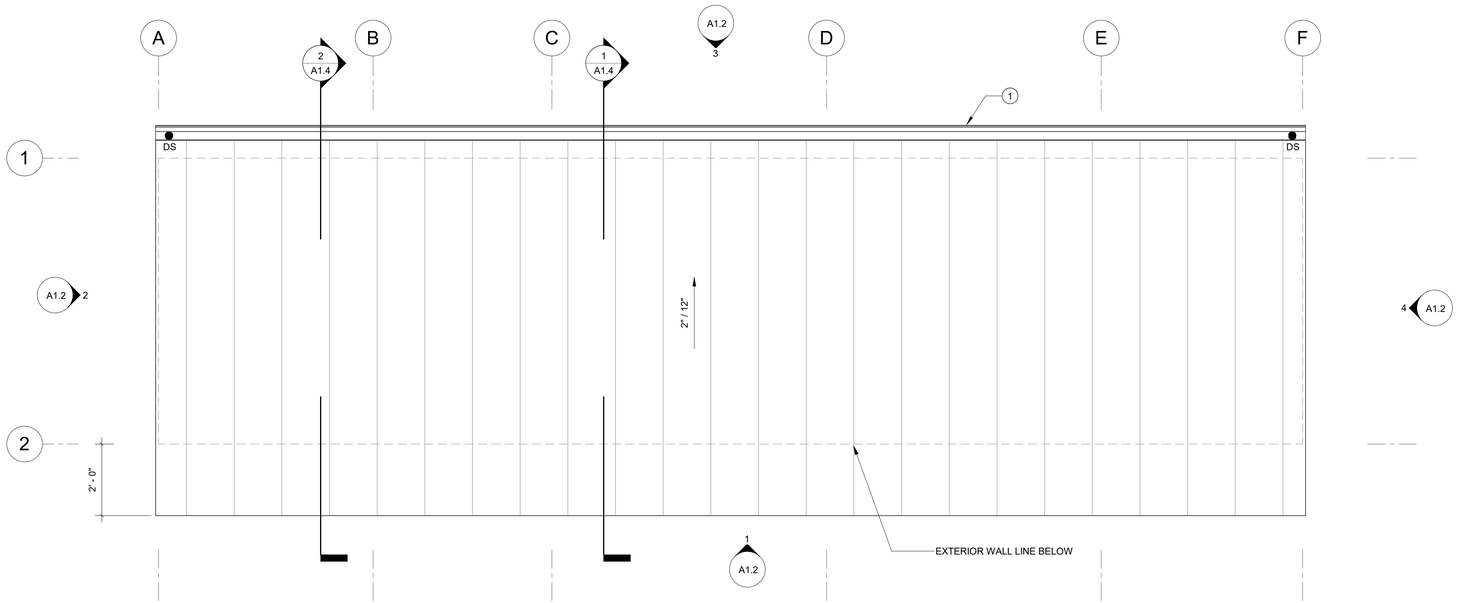
DOOR & WINDOW SCHEDULES

A0.2

PERMIT SUBMITTAL



1 A1.1 FLOOR PLAN
1/2" = 1'-0"



2 A1.1 ROOF PLAN
1/2" = 1'-0"

APPLICABLE CODES

BUILDING CODE	2022 OSSC
PLUMBING CODE	2021 OPSC
MECHANICAL CODE	2022 OMSC
ELECTRICAL CODE	2021 OESC
ENERGY SPECIALITY CODE	2021 OEESC
ACCESSIBILITY	ICC A117.1 - 2017
FIRE CODE	2022 OFC

BUILDING DATA

OCCUPANCY:	B, S-2
CONSTRUCTION TYPE:	VB
FIRE SPRINKLER:	NONE
FIRE ALARM:	NONE
ALLOWABLE BUILDING AREA:	9,000 SF
PROPOSED BUILDING AREA:	256 SF
ALLOWABLE BUILDING HEIGHT:	40'
PROPOSED BUILDING HEIGHT:	10'-5"±
ALLOWABLE # OF STORIES:	2
PROPOSED # OF STORIES:	1

FIRE LIFE SAFETY LEGEND

Room name	
101	OccType
150 sf	OLF /sf
# occs.	# Exit(s)

ROOM OCCUPANT LOAD

GENERAL FINISH NOTES

A. ALL PRODUCTS ARE TO BE INSTALLED PER MANUFACTURERS INSTRUCTIONS, USING MANUFACTURERS ADHESIVES, TOOLS AND METHODS.
B. REFER TO SPECIFICATIONS AND FINISH SCHEDULES FOR FURTHER FINISH MATERIAL PRODUCT INFORMATION.
C. SEE ELEVATIONS FOR ADDITIONAL FINISHES
D. COORDINATE ALL OWNER FURNISHED EQUIPMENT, ACCESSORIES, AND FURNITURE WITH OWNER.
E. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
F. ALL HOLLOW METAL FRAMES TO RECEIVE HPC COLOR: **PT4 OR PT5** - U.N.O.
G. ALL METAL ACCESS PANELS, COVER PLATES, VENTS AND GRILLES TO BE PAINTED TO MATCH THE SURFACE IT IS LOCATED ON, UNLESS PREFINISHED.
H. PAINT SHEEN - WALL: SATIN/EGG SHELL, CEILING: FLAT/MATTE, TRIM & DOOR FRAMES: SEMI-GLOSS

ADDITIONAL NOTES:

1. SLAB SHALL HAVE A FINE BROOM FINISH
2. CMU WALL SHALL HAVE AN ANT-GRAFFITI COATING

FINISH LEGEND

XX# ME# / XX# EX# / Remarks — FLOOR FINISH, WALL FINISHES, ADDITIONAL NOTES, BASE FINISH

PT# — EXTENT OF ACCENT PAINT OR WALL FINISHES

X — FINISH TAG

GENERAL NOTES

A. VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT IF DISCREPANCIES OCCUR.
B. G.C. SHALL PROVIDE SAFETY GLAZING FOR ALL WINDOWS WITHIN 24" OF ANY DOOR AND ALL OTHER CRITICAL LOCATIONS AS STATED PER OSSC SECTION 2406.4.
C. G.C. SHALL PROVIDE ALL APPROPRIATE BACKING AS REQUIRED FOR ACCESSORIES AND OTHER MISCELLANEOUS ITEMS.
D. G.C. TO COORDINATE INSTALLATION OF ALL UTILITIES WITH RESPECTIVE SUPPLIERS/SUBCONTRACTORS PRIOR TO CONSTRUCTION, TYPICAL.
E. ALL DIMENSION LINES TO THE FACE OF FRAMING AND CENTER OF OPENING, U.N.O.

WALL LEGEND

8"x8"x16" CMU WALL WITH ANTI-GRAFFITI COATING, TYP. BOTH SIDES OF WALLS

(#) FLOOR PLAN KEYNOTES

1. 15'-0" TWO TIERED DUGOUT BENCH. B.O.D. - AALCO ATHLETIC EQUIPMENT RIZZO BENCH OR APPROVED EQUAL
2. HELMET RACK WITH HOOK STRIP TO ACCOMODATE (14) CUBBIES. B.O.D. - AALCO ATHLETIC EQUIPMENT DUGOUT STORAGE RACK OR APPROVED EQUAL
3. STEEL ROOF SUPPORT POST POWDER COATED BLACK, SEE STRUCT.
4. PROVIDE AND INSTALL FULL HEIGHT BLACK PVC COATED CHAIN LINK FENCING AND MAN GATES TO MATCH FIELD FENCING. MAN GATES SHALL BE 3'-6" x 7'-0" MIN. AND SHALL BE EQUIPPED WITH A KEYLESS GATE LOCK. B.O.D.: LOCKEY SUMO GL2LINX
5. BAT RACK TO ACCOMODATE (21) BATS B.O.D. - AALCO ATHLETIC EQUIPMENT BLACKJACK BAT RACK OR APPROVED EQUAL.

ROOF PLAN GENERAL NOTES:

A. ALL WORK AND MATERIALS SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL REGULATIONS, STANDARDS AND MFR. SPECIFICATIONS AND THE 2022 OSSC. CONTACT ARCHITECT FOR DIRECTIVE IN THE EVENT OF CONFLICTING STANDARDS AND SPECS.
B. VERIFY ALL DIMENSIONS, ELEVATIONS AND LOCATIONS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT ON RECORD OF ANY DISCREPANCIES. DIMENSIONS ON THIS PLAN ARE NOT SUITABLE FOR MATERIAL ORDERING USE. CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS PRIOR TO BIDDING AND ORDERING.
C. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND MAINTENANCE OF ALL TEMPORARY ROOF ACCESS SYSTEMS. ALL SYSTEMS MUST COMPLY WITH OSHA.
D. THE PROPER DISPOSAL OF ALL DEMOLITION MATERIALS AND DEBRIS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL MAKE EFFORTS TO RECYCLE AS MUCH DEMOLITION MATERIAL AS POSSIBLE.
E. COORDINATE STAGING AND MATERIALS STORAGE AREA WITH DISTRICT PERSONNEL.
F. SECURITY OF STORED MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR.
G. NO PORTION OF THE ROOF SHALL BE LEFT UNPROTECTED AGAINST THE ELEMENTS BETWEEN CONTRACTOR SHIFTS.
H. SEE PLAN SET AND/OR SPECIFICATIONS FOR MORE INFORMATION.

ROOF TYPE LEGEND

STANDING SEAM METAL ROOF

ROOF SYMBOLS

FOOTPRINT OF WALL BELOW

ROOF SLOPE

DS — DOWNSPOUT LOCATION

(#) ROOF PLAN KEYNOTES:

1. PRE-FINISHED GALV. S.M. K-STYLE GUTTER AND DOWNSPOUTS. COLOR TO MATCH TRIM

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BROADWAY FIELD RENOVATION

REGISTERED PROFESSIONAL ENGINEER — OREGON — June 7, 2017 — ZACHARY A. STOKES
EXPIRES: 06-30-24

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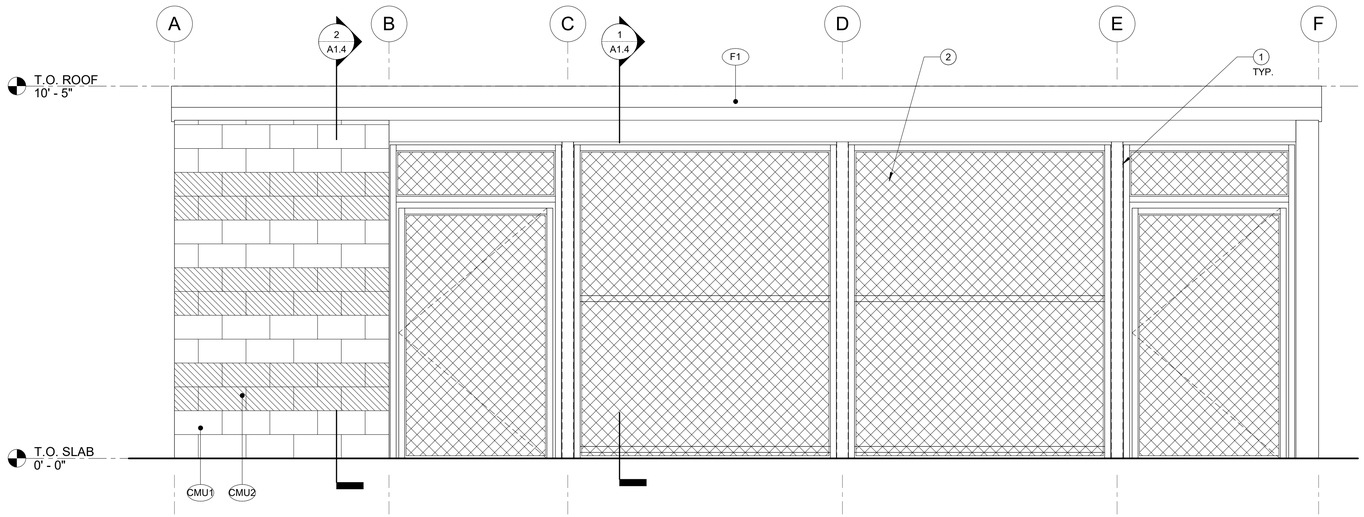
DUGOUT FLOOR AND ROOF PLANS

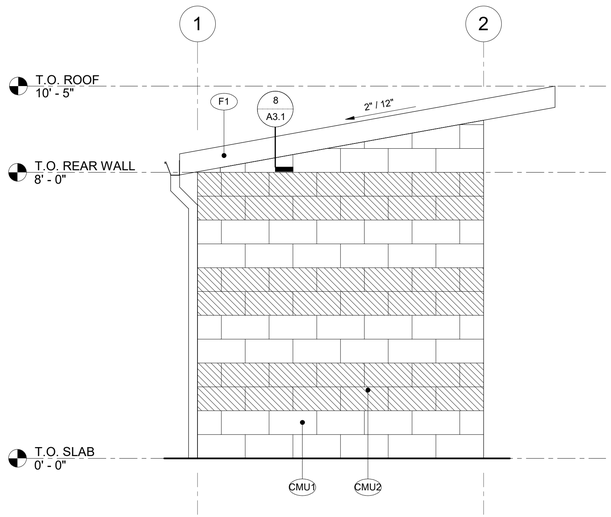
A1.1

PERMIT SUBMITTAL

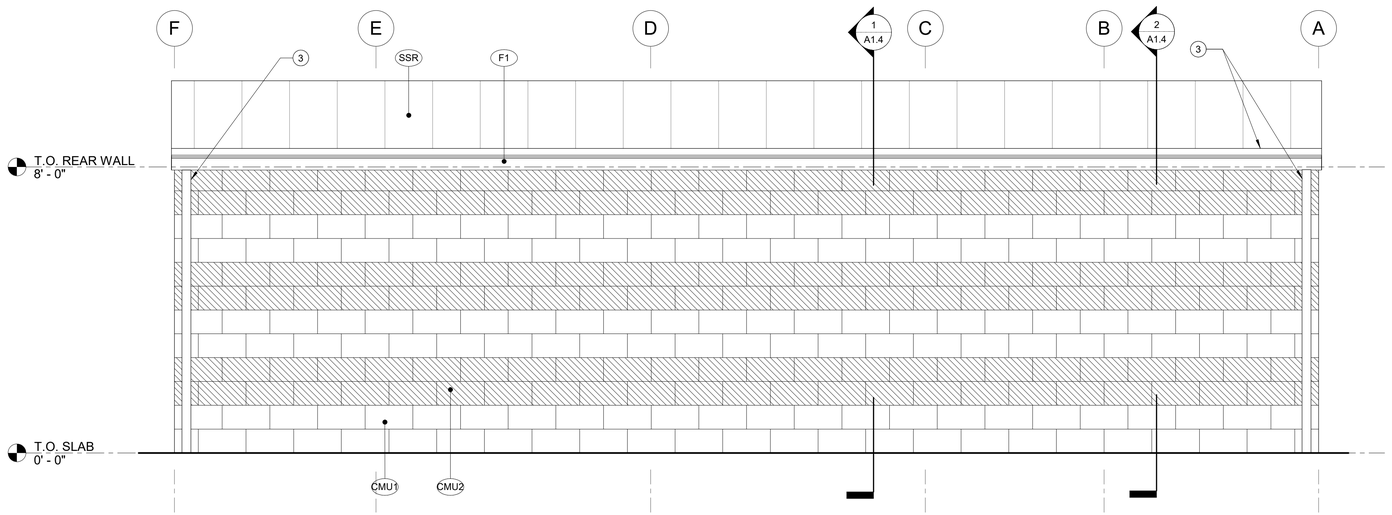
ONE INCH EQUALS FULL SCALE
8/30/2023 2:45:31 PM BIM 360://P2821 Seaside Softball 21/P2821 Seaside SD Dugout.rvt



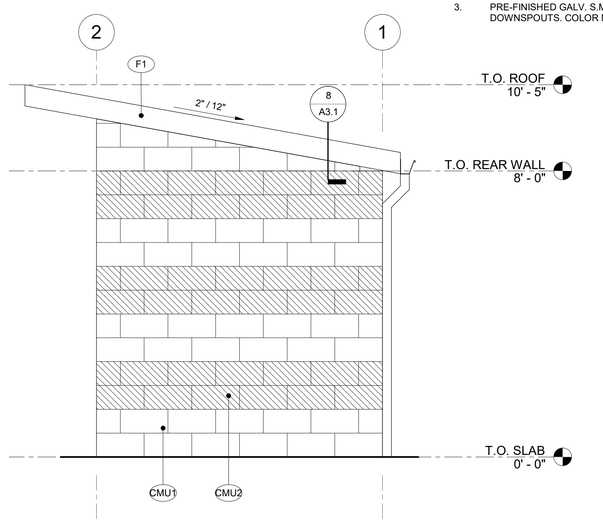
1 A1.2 FRONT ELEVATION
1/2" = 1'-0"



2 A1.2 LEFT SIDE ELEVATION
1/2" = 1'-0"



3 A1.2 REAR ELEVATION
1/2" = 1'-0"



4 A1.2 RIGHT SIDE ELEVATION
1/2" = 1'-0"

ELEVATION LEGEND

- GROUND FACE CMU BLOCK
- POLISHED CMU BLOCK
- (X) FINISH TAG, SEE FINISH SCHEDULE

(#) ELEVATION KEYNOTES

1. STEEL ROOF SUPPORT POST POWDER COATED BLACK, SEE STRUCT.
2. PROVIDE AND INSTALL FULL HEIGHT CLASS 2a BLACK VINYL COATED CHAIN LINK FENCING AND MAN GATES. MAN GATES SHALL BE 3'-6" x 7'-0" MIN. AND SHALL BE EQUIPPED WITH A KEYLESS GATE LOCK.
3. PRE-FINISHED GALV. S.M. K-STYLE GUTTER AND DOWNSPOUTS. COLOR MATCH TO TRIM

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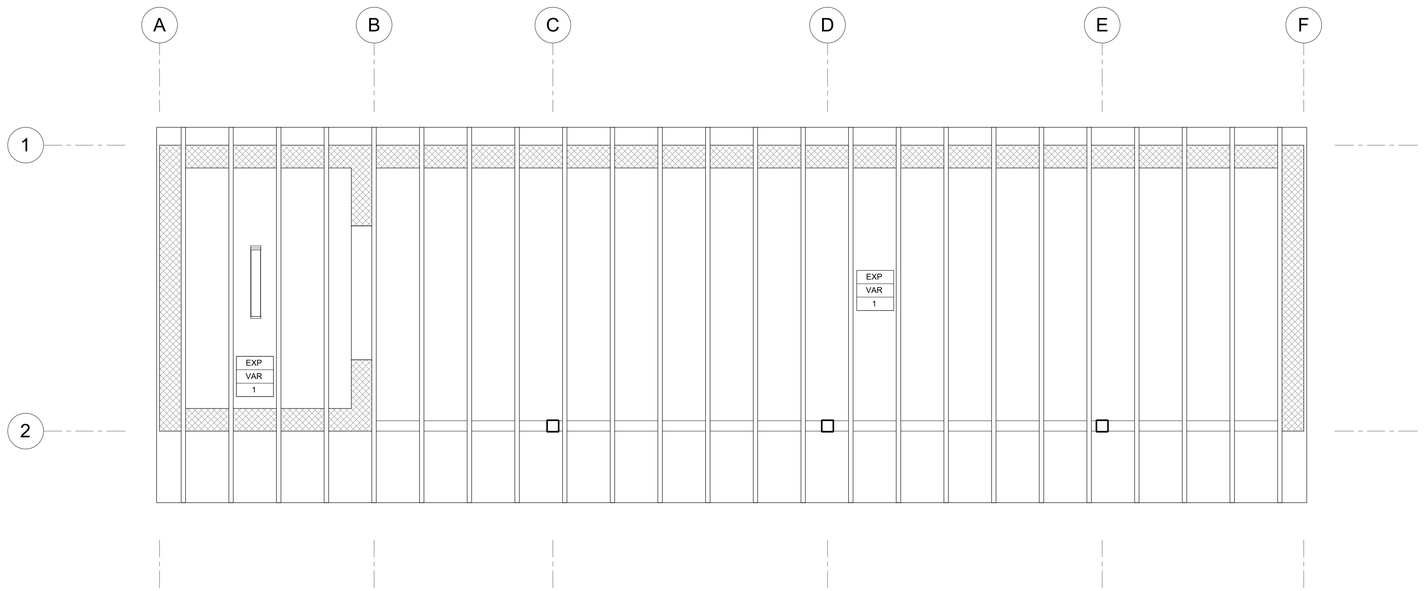
DUGOUT EXTERIOR ELEVATIONS

A1.2

PERMIT SUBMITTAL



1 A1.3 REFLECTED CEILING PLAN
1/2" = 1'-0"

RCP GENERAL NOTES:

A. REFER TO ARCHITECTURAL FLOOR PLAN FOR ADDITIONAL DIMENSIONS.
B. ALL DIMENSIONS ARE REFERENCED TO FACE OF FINISH U.N.O.
C. ALL HEIGHT REFERENCES ARE TAKEN FROM DATUM-T.O.S. FOR AREA INDICATED.
D. PROVIDE WALL BACKING FOR REINFORCEMENT AS REQUIRED.
E. PROVIDE SOLID BLOCKING FOR ALL 'J' BOXES SUSPENDED LIGHT AND CEILING FAN FIXTURES, TELEVISION SUPPORT, ARTIFACT SHELVES AND ANY OTHER CEILING MOUNTED EQUIPMENT.
F. ANY LIGHT NOT DIMENSIONALLY LOCATED TO BE CENTERED IN THE CEILING TILE, CEILING AREA, OR ROOM AS APPLICABLE. ALL "CAN" TYPE FIXTURES TO BE MOUNTED IN THE CENTER OF THE CEILING TILES U.N.O.

REFLECTED CEILING LEGEND:

ACT — CEILING MATERIAL
8'-0" — CEILING HEIGHT
NOTES — ADDITIONAL NOTES

LIGHTING - SEE ELECTRICAL

CEILING FINISHES

EXP EXPOSED STRUCTURE AND DECK

CEILING HEIGHT

VAR VARIES

ADDITIONAL NOTES

1. PAINT UNDERSIDE OF EXPOSED ROOF FRAMING PT2

(#) RCP KEYNOTES

1. NOT USED

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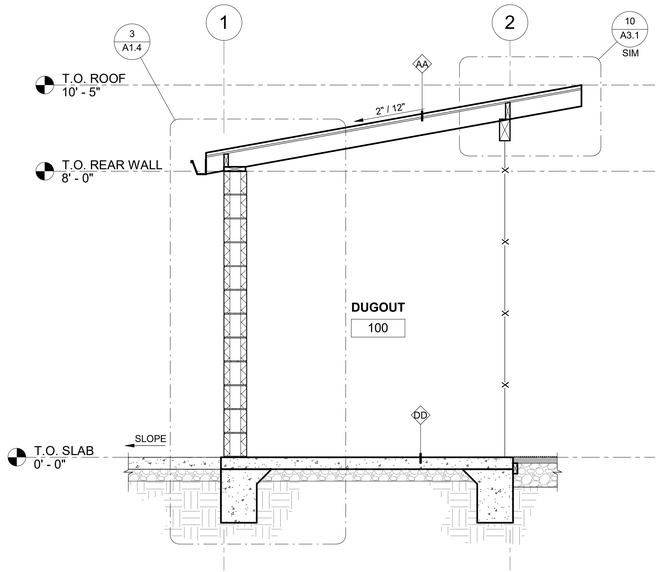
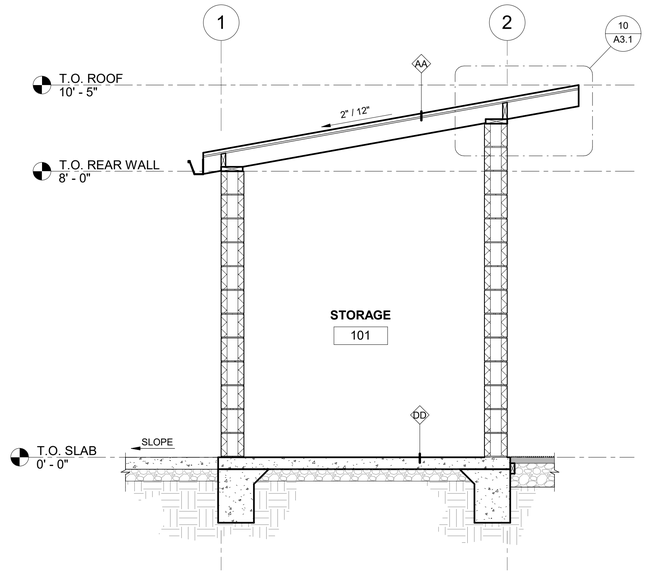
DUGOUT REFLECTED CEILING PLAN

A1.3

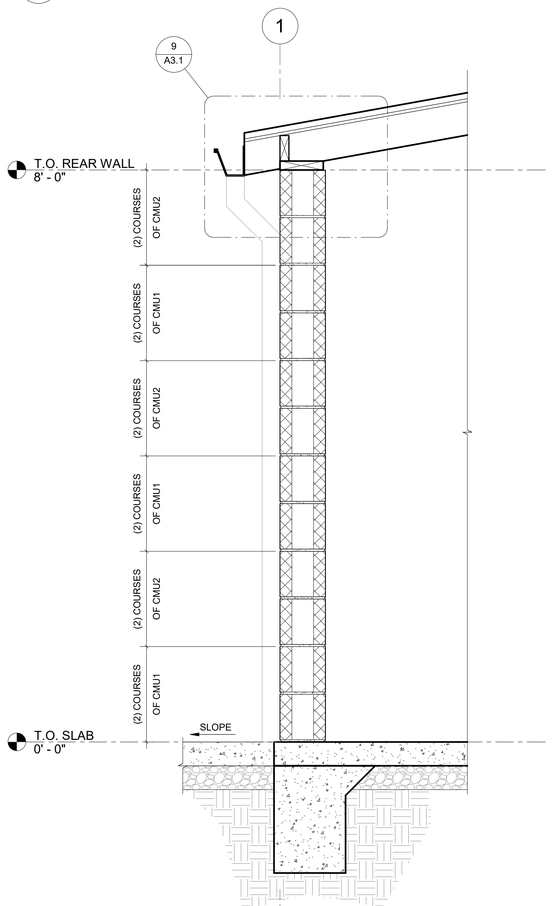
PERMIT SUBMITTAL



1 A1.4 TRANSVERSE SECTION 1
1/2" = 1'-0"



2 A1.4 TRANSVERSE SECTION 2
1/2" = 1'-0"



3 A1.4 WALL SECTION
1" = 1'-0"

ONE INCH EQUALS FULL SCALE 8/30/2023 2:45:32 PM BIM 360://P2821.Seaside Softball 21/P2821 Seaside SD Dugout.rvt

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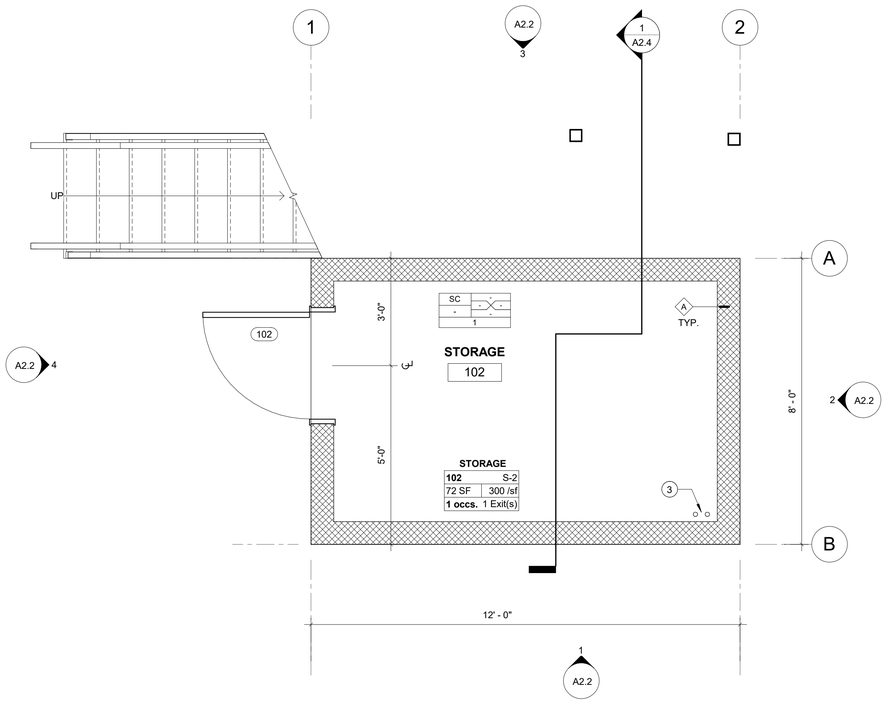
DUGOUT BUILDING SECTIONS

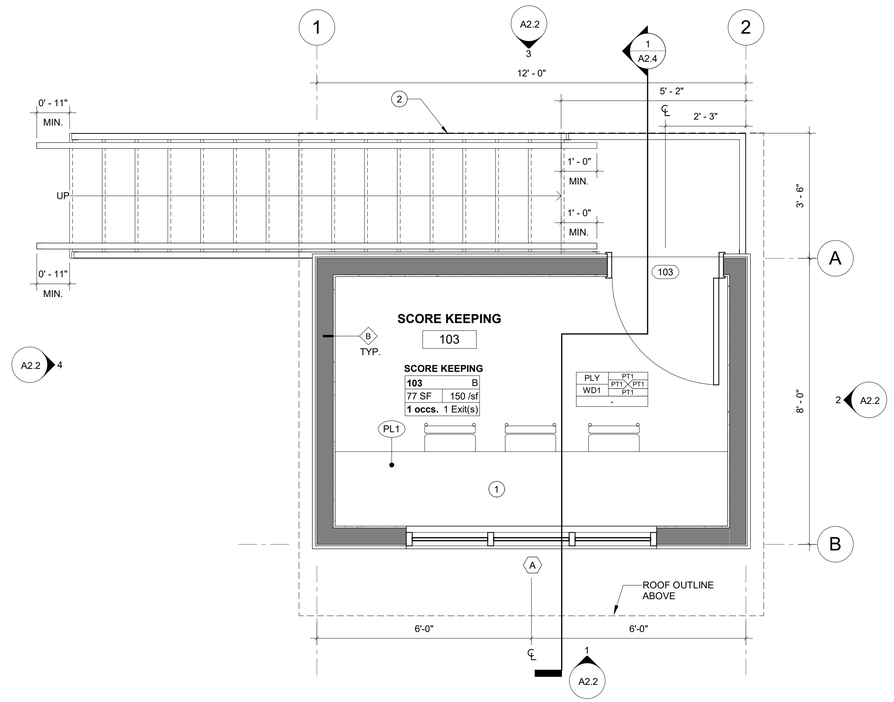
A1.4

PERMIT SUBMITTAL



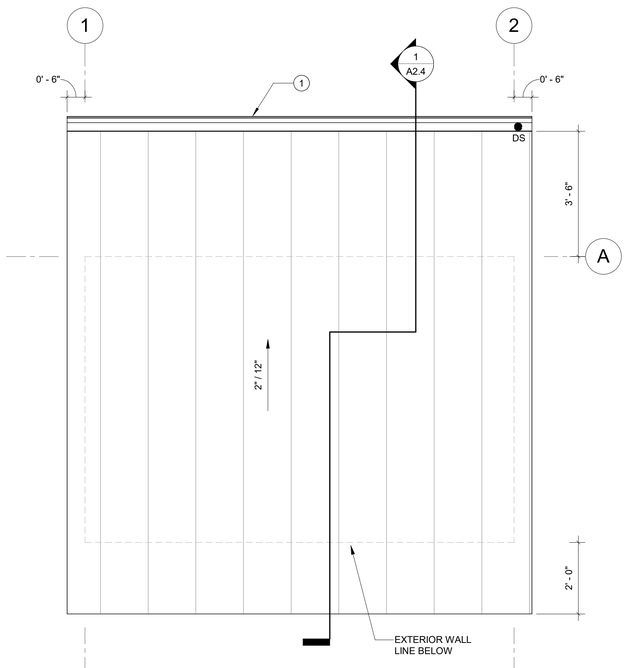
1 A2.1 LOWER LEVEL FLOOR PLAN

1/2" = 1'-0"



2 A2.1 UPPER LEVEL FLOOR PLAN

1/2" = 1'-0"



3 A2.1 ROOF PLAN

1/2" = 1'-0"

GENERAL NOTES

A. VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT IF DISCREPANCIES OCCUR.
B. G.C. SHALL PROVIDE SAFETY GLAZING FOR ALL WINDOWS WITHIN 24" OF ANY DOOR AND ALL OTHER CRITICAL LOCATIONS AS STATED PER OSSC SECTION 2406.4.
C. G.C. SHALL PROVIDE ALL APPROPRIATE BACKING AS REQUIRED FOR ACCESSORIES AND OTHER MISCELLANEOUS ITEMS.
D. G.C. TO PROVIDE FIRE BLOCKING AS REQUIRED PER CODE.
E. G.C. TO COORDINATE INSTALLATION OF ALL UTILITIES WITH RESPECTIVE SUPPLIERS/SUBCONTRACTORS PRIOR TO CONSTRUCTION, TYPICAL.
F. ALL DIMENSION LINES TO THE FACE OF FRAMING AND CENTER OF OPENING, U.N.O.

WALL LEGEND

8"x8"x16" CMU WALL WITH ANTI-GRAFFITI COATING

FULL HEIGHT WALL/PARTITION

(#) FLOOR PLAN KEYNOTES

1. PLAM COUNTERTOP AND SUPPORT BRACKETS. COUNTERTOP SHALL INCLUDE GROMMETS.
2. PRE-FABRICATED ALUMINUM STAIR AND RAILING BY OTHERS. B.O.D.: UPSIDE INNOVATIONS.
3. WATER AND SANITARY STUBS, SEE MECHANICAL.

ROOF PLAN GENERAL NOTES:

A. ALL WORK AND MATERIALS SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL REGULATIONS, STANDARDS AND MFR. SPECIFICATIONS AND THE 2022 OSSC. CONTACT ARCHITECT FOR DIRECTIVE IN THE EVENT OF CONFLICTING STANDARDS AND SPECS.
B. VERIFY ALL DIMENSIONS, ELEVATIONS AND LOCATIONS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT ON RECORD OF ANY DISCREPANCIES. DIMENSIONS ON THIS PLAN ARE NOT SUITABLE FOR MATERIAL ORDERING USE. CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS PRIOR TO BIDDING AND ORDERING.
C. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND MAINTENANCE OF ALL TEMPORARY ROOF ACCESS SYSTEMS. ALL SYSTEMS MUST COMPLY WITH OSHA.
D. THE PROPER DISPOSAL OF ALL DEMOLITION MATERIALS AND DEBRIS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL MAKE EFFORTS TO RECYCLE AS MUCH DEMOLITION MATERIAL AS POSSIBLE.
E. COORDINATE STAGING AND MATERIALS STORAGE AREA WITH DISTRICT PERSONNEL.
F. SECURITY OF STORED MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR.
G. NO PORTION OF THE ROOF SHALL BE LEFT UNPROTECTED AGAINST THE ELEMENTS BETWEEN CONTRACTOR SHIFTS.
H. SEE PLAN SET AND/OR SPECIFICATIONS FOR MORE INFORMATION.

ROOF TYPE LEGEND

STANDING SEAM METAL ROOF

ROOF SYMBOLS

FOOTPRINT OF WALL BELOW

ROOF SLOPE

DS DOWNSPOUT LOCATION

(#) ROOF PLAN KEYNOTES:

1. PRE-FINISHED GALV. S.M. K-STYLE GUTTER AND DOWNSPOUTS. COLOR TO MATCH TRIM

APPLICABLE CODES

BUILDING CODE	2022 OSSC
PLUMBING CODE	2021 OPSC
MECHANICAL CODE	2022 OMSC
ELECTRICAL CODE	2021 OESC
ENERGY SPECIALITY CODE	2021 OEESC
ACCESSIBILITY	ICC A117.1 - 2017
FIRE CODE	2022 OFC

BUILDING DATA

OCCUPANCY:	B, S-2
CONSTRUCTION TYPE:	VB
FIRE SPRINKLER:	NONE
FIRE ALARM:	NONE
ALLOWABLE BUILDING AREA:	9,000 SF
PROPOSED BUILDING AREA:	96 SF
ALLOWABLE BUILDING HEIGHT:	40'
PROPOSED BUILDING HEIGHT:	18'-11"±
ALLOWABLE # OF STORIES:	2
PROPOSED # OF STORIES:	2

FIRE LIFE SAFETY LEGEND

Room name	
101	OccType
150 sf	OLF /sf
# occs.	# Exit(s)

ROOM OCCUPANT LOAD

GENERAL FINISH NOTES

A. ALL PRODUCTS ARE TO BE INSTALLED PER MANUFACTURERS INSTRUCTIONS, USING MANUFACTURERS ADHESIVES, TOOLS AND METHODS.
B. REFER TO SPECIFICATIONS AND FINISH SCHEDULES FOR FURTHER FINISH MATERIAL PRODUCT INFORMATION.
C. SEE ELEVATIONS FOR ADDITIONAL FINISHES
D. COORDINATE ALL OWNER FURNISHED EQUIPMENT, ACCESSORIES, AND FURNITURE WITH OWNER.
E. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
F. ALL FLOOR TRANSITIONS ARE TO OCCUR DIRECTLY BENEATH DOOR U.N.O.
G. ALL FLOOR TRANSITIONS ARE TO BE ADA COMPLIANT.
H. ALL GYPSUM CEILING AND SOFFITS TO BE PAINTED **PTC** U.N.O.
I. ALL HOLLOW METAL FRAMES TO RECEIVE HPC COLOR: **PT4 OR PT5** - U.N.O.
J. ALL METAL ACCESS PANELS, COVER PLATES, VENTS AND GRILLES TO BE PAINTED TO MATCH THE SURFACE IT IS LOCATED ON, UNLESS PREFINISHED.
K. PAINT SHEEN - WALL: SATIN/EGG SHELL, CEILING: FLAT/MATTE, TRIM & DOOR FRAMES: SEMI-GLOSS

ADDITIONAL NOTES:

1. EXTERIOR OF CMU WALL SHALL HAVE AN ANTI-GRAFFITI COATING

FINISH LEGEND

XX# ME# / ME# EX# / XX# EX# / Remarks

FLOOR FINISH
WALL FINISHES
ADDITIONAL NOTES
BASE FINISH

PT# EXTENT OF ACCENT PAINT OR WALL FINISHES

X FINISH TAG

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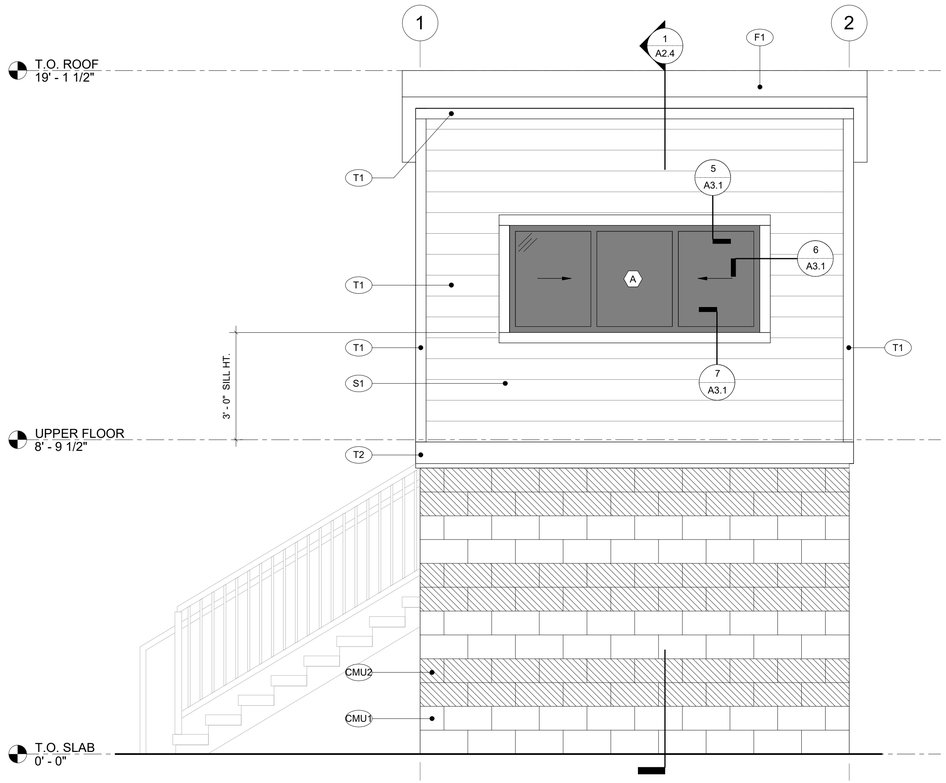
CROW'S NEST FLOOR AND ROOF PLANS

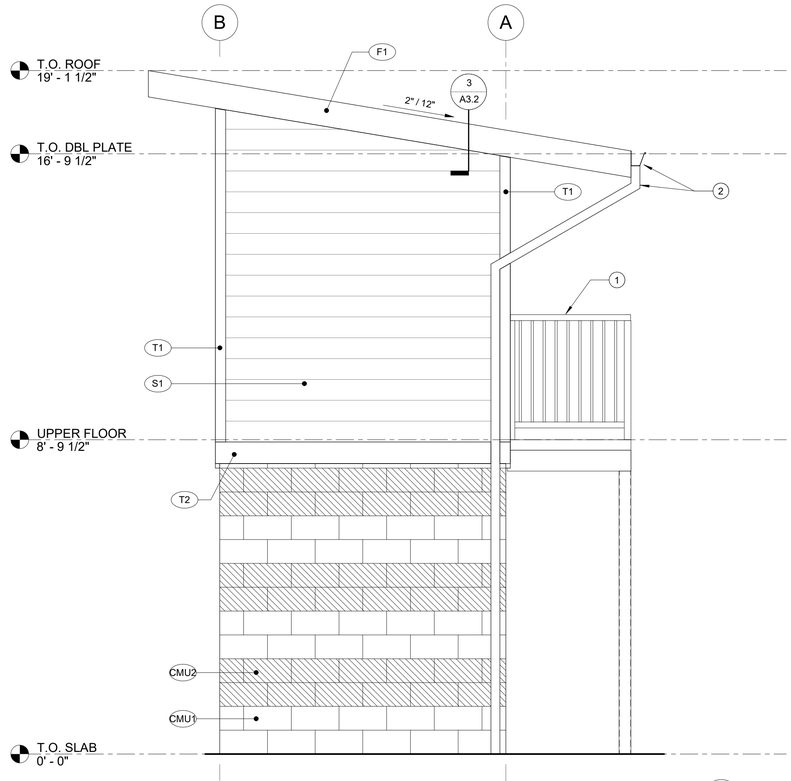
A2.1

PERMIT SUBMITTAL

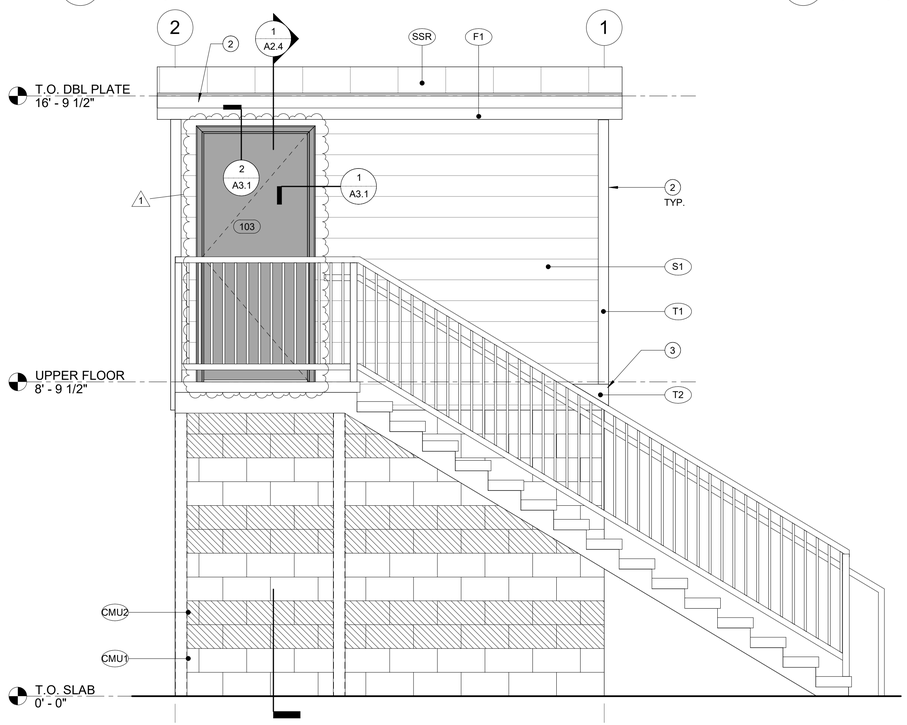
ONE INCH EQUALS FULL SCALE 8/30/2023 2:42:54 PM BIM 360://P2821.Seaside Softball 21/P2821 Seaside SD Crows Nest.rvt



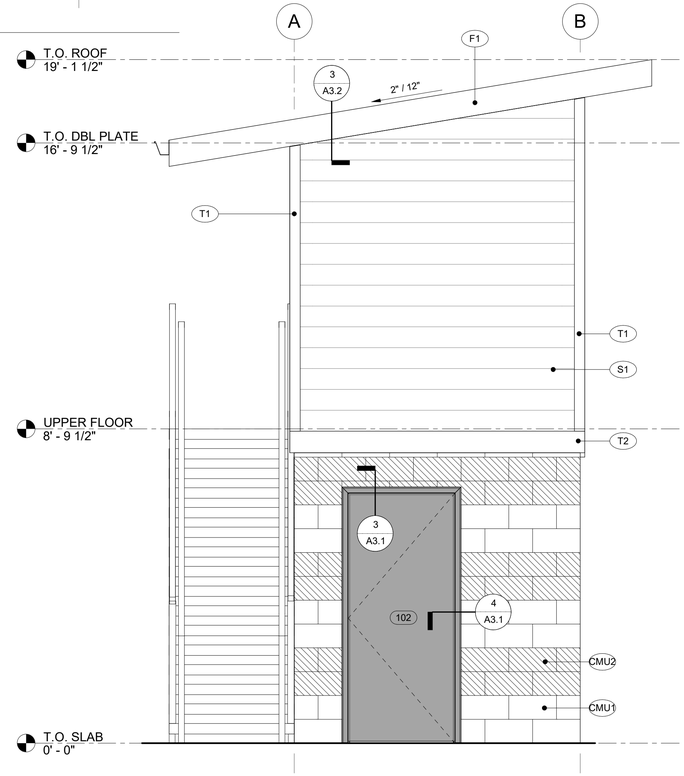
1 A2.2 SOUTHEAST ELEVATION 1/2" = 1'-0"



2 A2.2 NORTHEAST ELEVATION 1/2" = 1'-0"



3 A2.2 NORTHWEST ELEVATION 1/2" = 1'-0"



4 A2.2 SOUTHWEST ELEVATION 1/2" = 1'-0"

ELEVATION LEGEND

- GROUND FACE CMU BLOCK
- POLISHED CMU BLOCK
- 8" HARDIE PLANK LAP SIDING
- X — FINISH TAG, SEE FINISH SCHEDULE

(#) ELEVATION KEYNOTES

1. PRE-FABRICATED ALUMINUM STAIR AND RAILING BY OTHERS. B.O.D.: UPSIDE INNOVATIONS
2. PRE-FINISHED GALV. S.M. K-STYLE GUTTER AND DOWNSPOUTS. COLOR TO MATCH TRIM

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EXPIRES: 06-30-24

△REVISION ID:	DATE:
1 CMGC BID SET	09-01-23

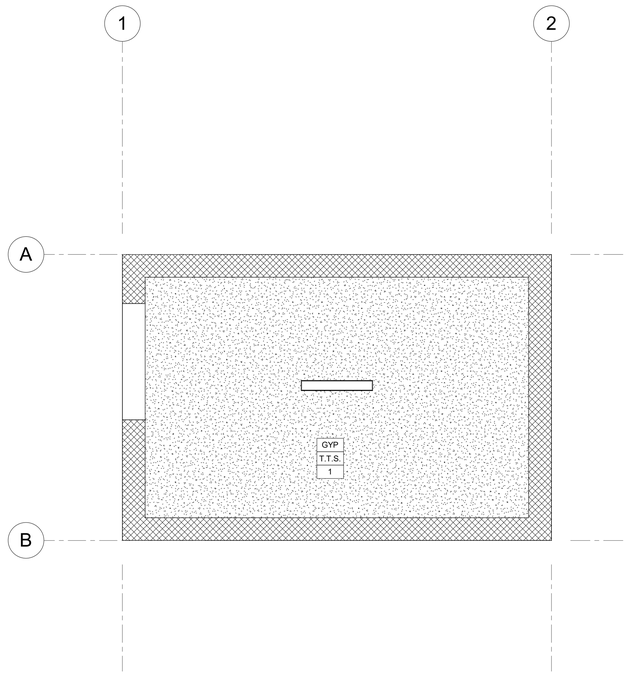
PROJECT NO.	P-2821-22
DRAWN:	LJS
CHECKED:	DDS
DATE:	05-19-2023

CROW'S NEST EXTERIOR ELEVATIONS

A2.2

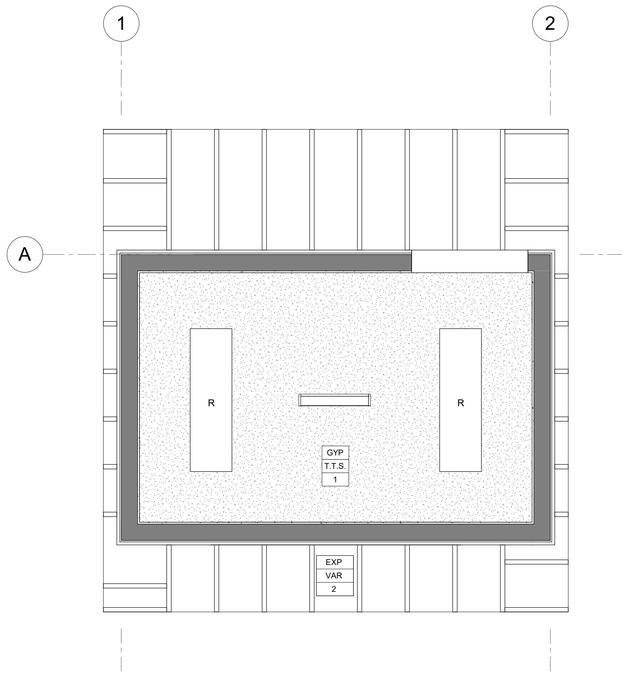
PERMIT SUBMITTAL

ONE INCH EQUALS FULL SCALE 8/30/2023 2:42:54 PM BIM 360://P2821.Seaside Softball.21/P2821 Seaside SD Crows Nest.rvt



1 A2.3 REFLECTED CELING PLAN - STORAGE

1/2" = 1'-0"



2 A2.3 REFLECTED CEILING PLAN - CROW'S NEST

1/2" = 1'-0"

RCP GENERAL NOTES:

A. REFER TO ARCHITECTURAL FLOOR PLAN FOR ADDITIONAL DIMENSIONS.
B. ALL DIMENSIONS ARE REFERENCED TO FACE OF FINISH U.N.O.
C. ALL HEIGHT REFERENCES ARE TAKEN FROM DATUM-T.O.S. FOR AREA INDICATED.
D. PROVIDE WALL BACKING FOR REINFORCEMENT AS REQUIRED.
E. PROVIDE SOLID BLOCKING FOR ALL 'J' BOXES SUSPENDED LIGHT AND CEILING FAN FIXTURES, TELEVISION SUPPORT, ARTIFACT SHELVES AND ANY OTHER CEILING MOUNTED EQUIPMENT.
F. ANY LIGHT NOT DIMENSIONALLY LOCATED TO BE CENTERED IN THE CEILING TILE, CEILING AREA, OR ROOM AS APPLICABLE. ALL "CAN" TYPE FIXTURES TO BE MOUNTED IN THE CENTER OF THE CEILING TILES UNLESS NOTED OTHERWISE.

REFLECTED CEILING LEGEND:

ACT — CEILING MATERIAL
8'-0" — CEILING HEIGHT
NOTES — ADDITIONAL NOTES

CEILING LEGEND :

(N) GYPSUM BOARD CEILING

LIGHTING - SEE ELECTRICAL

R — RADIANT HEATER - SEE MECHANICAL

CEILING FINISHES

EXP EXPOSED STRUCTURE AND DECK
GYP GYPSUM BOARD - PAINT

CEILING HEIGHT

T.T.S. TIGHT TO STRUCTURE

ADDITIONAL NOTES

1. PAINT PT1
2. PAINT PT2

(#) RCP KEYNOTES

1. NOT USED

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SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATION

REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 7, 2012
ZACHARY A. STOKES
EXPIRES: 06-30-24

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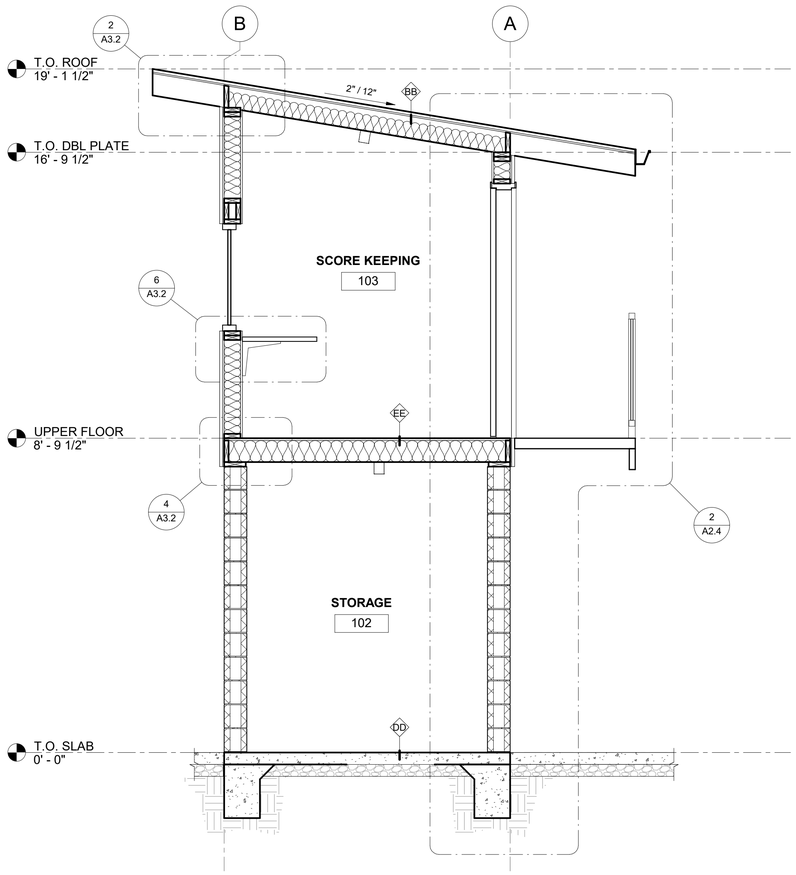
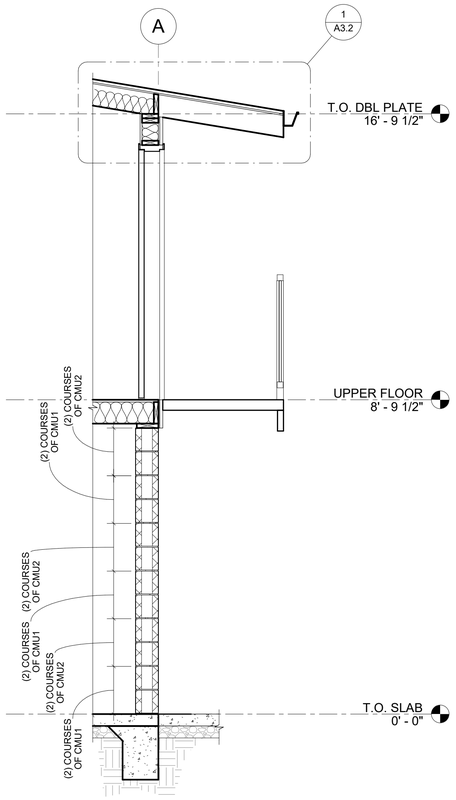
CROW'S NEST REFLECTED CEILING PLANS

A2.3

PERMIT SUBMITTAL



1 A2.4 TRANSVERSE SECTION - CROW'S NEST
1/2" = 1'-0"



2 A2.4 WALL SECTION
1/2" = 1'-0"

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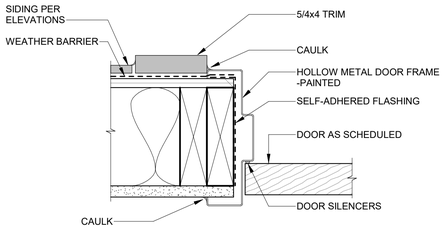
CROW'S NEST BUILDING SECTIONS

A2.4

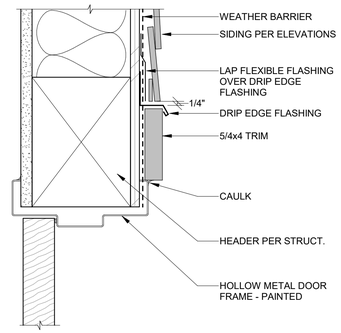
PERMIT SUBMITTAL

ONE INCH EQUALS FULL SCALE

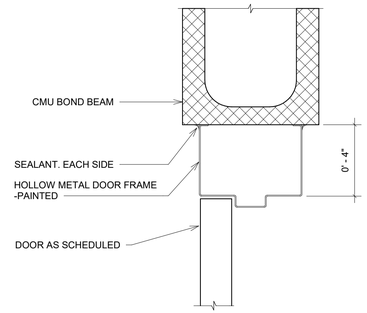
8/30/2023 2:42:55 PM BIM 360://P2821 Seaside Softball 21/P2821 Seaside SD Crows Nest.rvt



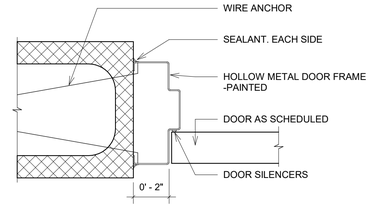
1 A3.1 EXTERIOR DOOR JAMB
3" = 1'-0"



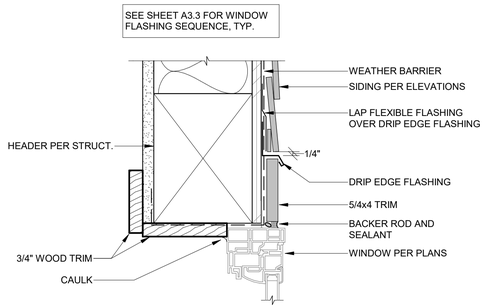
2 A3.1 EXTERIOR DOOR HEAD
3" = 1'-0"



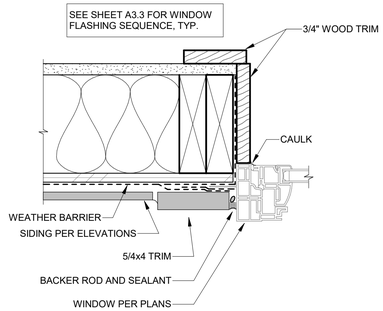
3 A3.1 CMU DOOR HEAD
3" = 1'-0"



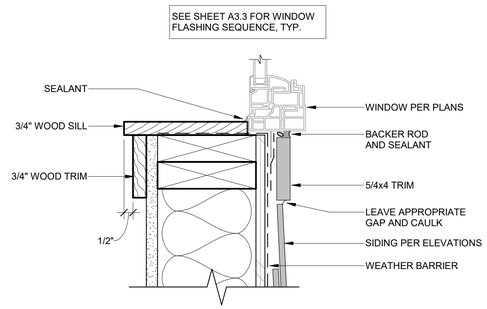
4 A3.1 CMU DOOR JAMB
3" = 1'-0"



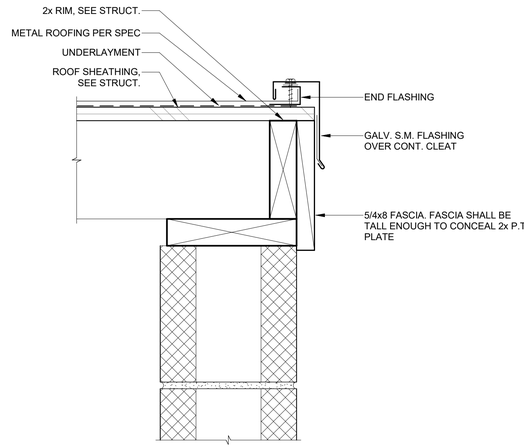
5 A3.1 WINDOW HEAD
3" = 1'-0"



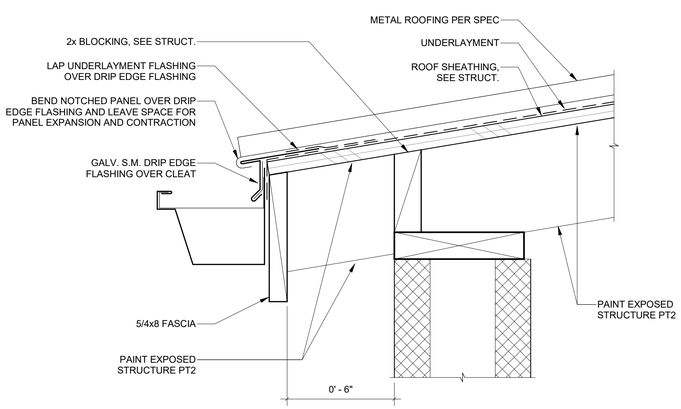
6 A3.1 WINDOW JAMB
3" = 1'-0"



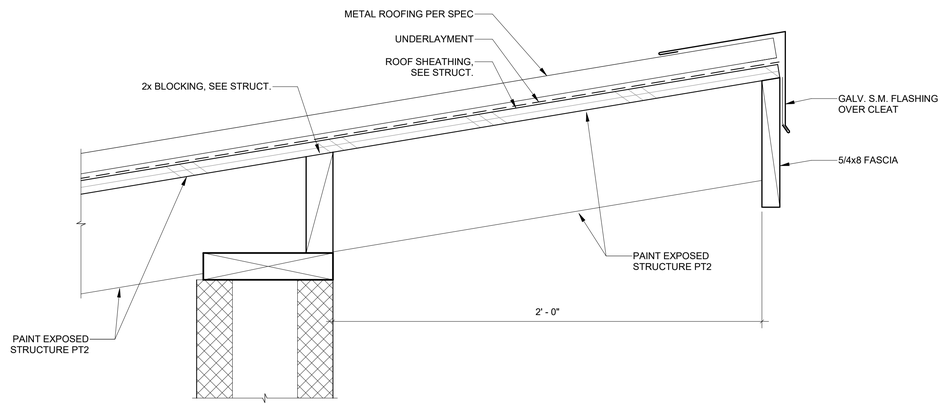
7 A3.1 WINDOW SILL
3" = 1'-0"



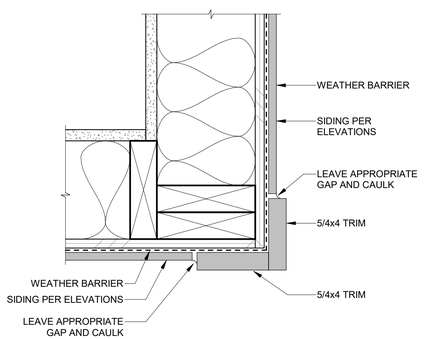
8 A3.1 DUGOUT RAKE DETAIL
3" = 1'-0"



9 A3.1 DUGOUT LOW EAVE DETAIL
3" = 1'-0"



10 A3.1 DUGOUT HIGH EAVE DETAIL
3" = 1'-0"



11 A3.1 OUTSIDE CORNER
3" = 1'-0"

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BROADWAY FIELD RENOVATION

REGISTERED PROFESSIONAL ENGINEER
OREGON
June 7, 2012
ZACHARY A. STOKES
EXPIRES: 06-30-24

△REVISION ID:	DATE:

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DETAILS

A3.1

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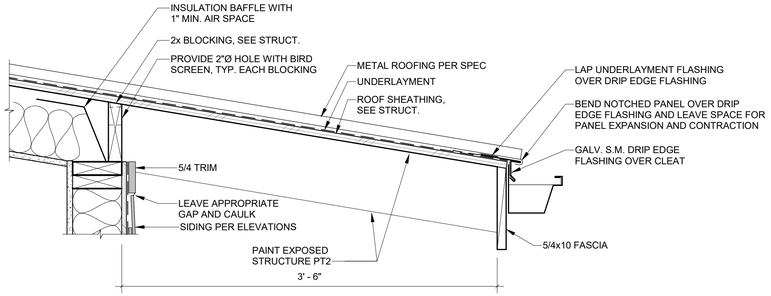
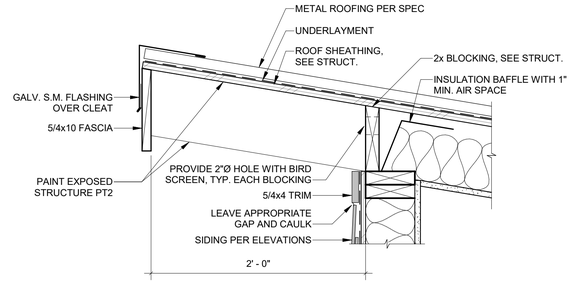
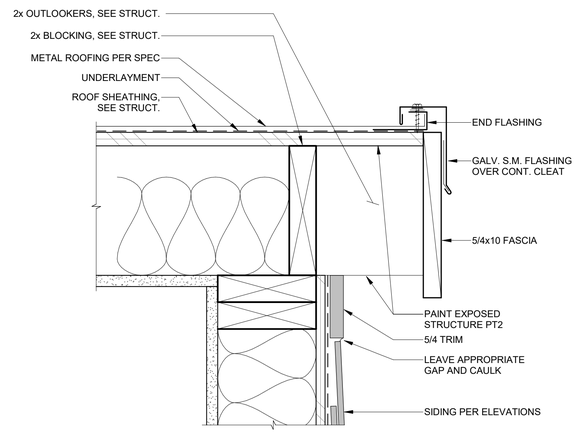


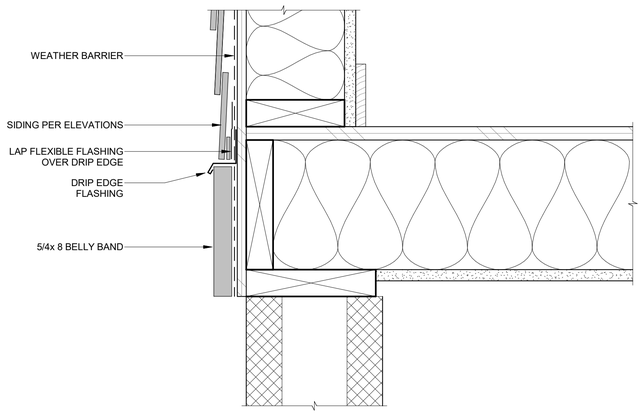
1 A3.2 CROW'S NEST LOW EAVE DETAIL
1 1/2" = 1'-0"



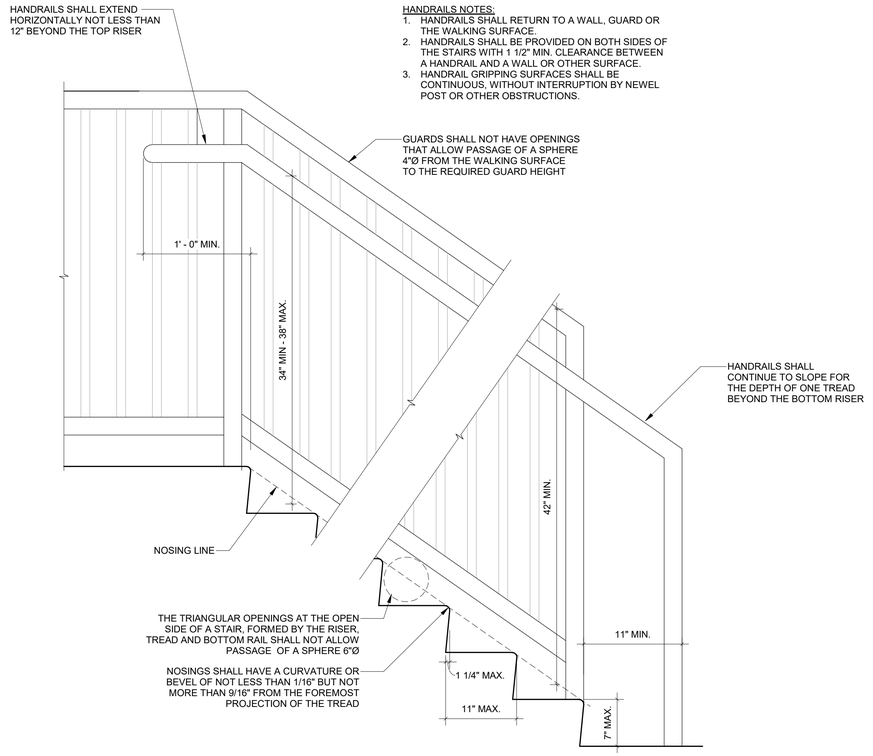
2 A3.2 CROW'S NEST HIGH EAVE DETAIL
1 1/2" = 1'-0"



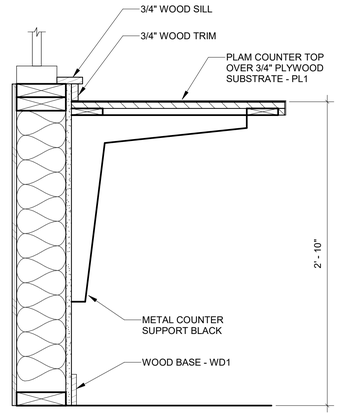
3 A3.2 CROW'S NEST RAKE DETAIL
3" = 1'-0"



4 A3.2 CROW'S NEST FLOOR DETAIL
3" = 1'-0"



5 A3.2 HANDRAIL DETAIL
1 1/2" = 1'-0"



6 A3.2 COUNTER DETAIL
1 1/2" = 1'-0"

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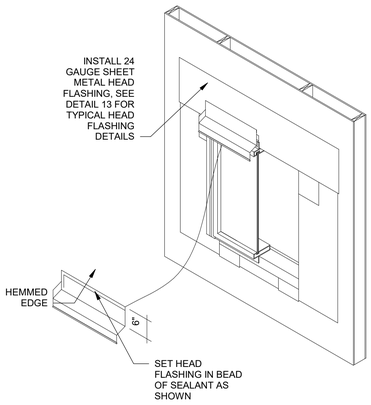
A3.2

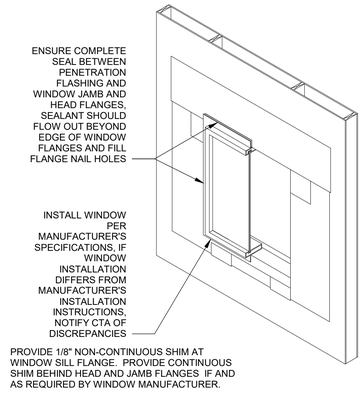
PERMIT SUBMITTAL

8/30/2023 2:45:33 PM BIM 360://P2821 Seaside Softball 21/P2821 Seaside SD Dugout.rvt

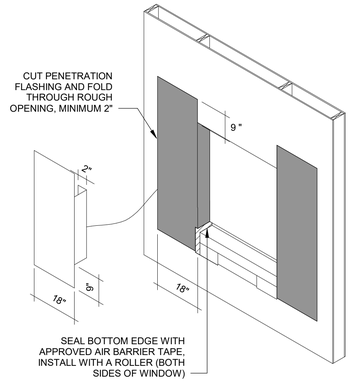
ONE INCH EQUALS FULL SCALE



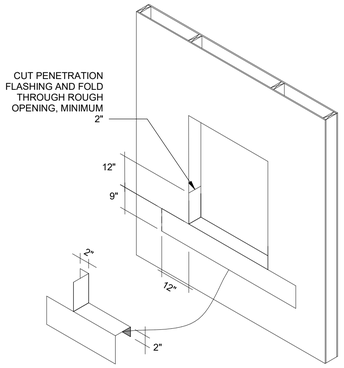
J A7.1 STEP J
HEAD FLASHING



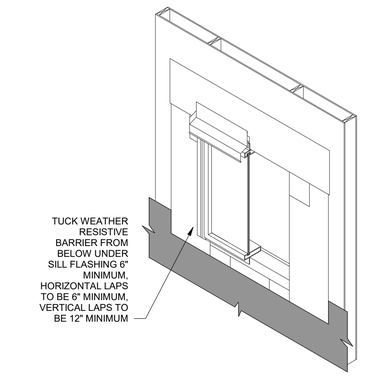
G A7.1 STEP G
INSTALL WINDOW



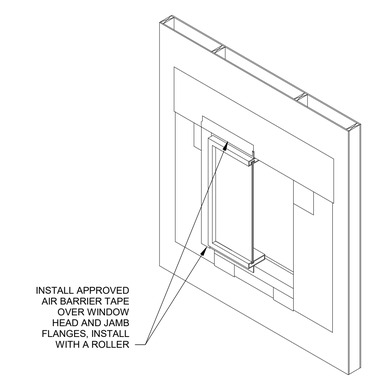
D A7.1 STEP D
JAMB PENETRATION FLASHING



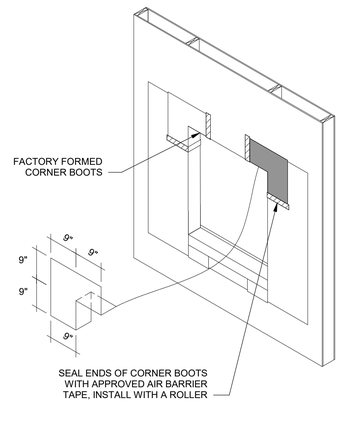
A A7.1 STEP A
INSTALL PENETRATION FLASHING AT SILL



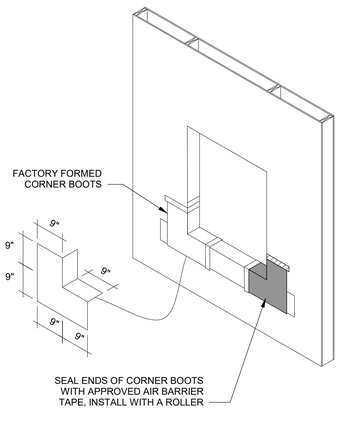
K A7.1 STEP K
WEATHER RESISTIVE BARRIER



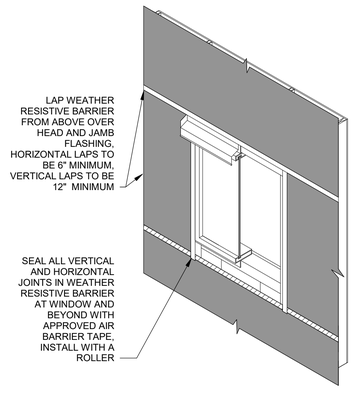
H A7.1 STEP H
TAPE WINDOW FLANGES



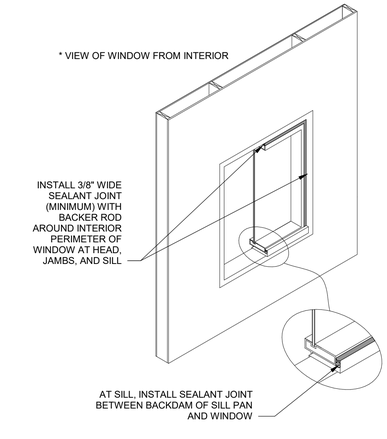
E A7.1 STEP E
HEAD CORNER BOOTS



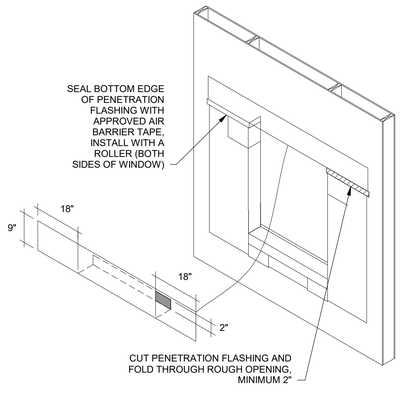
B A7.1 STEP B
SILL CORNER BOOTS



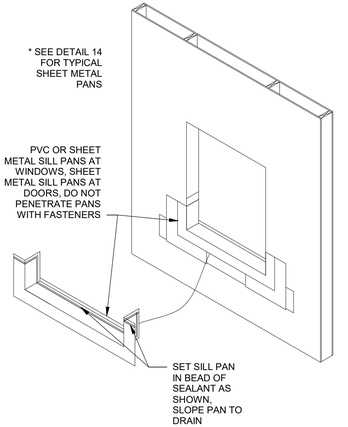
L A7.1 STEP L
WEATHER RESISTIVE BARRIER



I A7.1 STEP I
INTERIOR SEALANT JOINT



F A7.1 STEP F
HEAD PENETRATION FLASHING



C A7.1 STEP C
SILL CORNER BOOTS

INSTALL OPENINGS PER INSTRUCTIONS ON THIS SHEET AND PER MANUFACTURERS RECOMMENDATIONS.

WALL PENETRATION WRAP NOTES:
- WRAP FLANGED WINDOWS OPENINGS PER STEPS A THROUGH L.
- SEE ARCHITECTURAL DRAWINGS FOR HEAD FLASHING CONFIGURATIONS AND ADDITIONAL DETAILS.
- DO NOT PENETRATE SILL PANS WITH FASTENERS.

DOORS
- WRAP FLANGED DOOR OPENINS SIMILAR TO STEPS A THROUGH L.
- STEPS A,B AND K ARE NOT REQUIRED IF THERE IS NO WEATHER RESISTIVE BARRIER FROM BELOW.
- SEE ARCHITECTURAL DRAWINGS FOR HEAD FLASHING CONFIGURATIONS AND ADDITIONAL DETAILS.
- DO NOT PENETRATE SILL PAN WITH FASTENERS.

1 A3.3 INSTALL PENETRATION FLASHING @ SILL DETAIL
3/8" = 1'-0"

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A3.3

PERMIT SUBMITTAL

PROJECT STRUCTURAL NOTES (Seaside, Clatsop County, Oregon, 97138)

GENERAL INFORMATION:

1. STRUCTURAL DRAWINGS ARE A PORTION OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO BE USED WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE REQUIREMENTS FROM THESE DRAWINGS INTO THEIR SHOP DRAWINGS AND WORK. THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. NOTES AND DETAILS ON THE STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
2. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES.
3. ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY SIGNIFICANT DISCREPANCIES FROM CONDITIONS SHOWN ON THE DRAWINGS.
4. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS. RESPONSIBILITY SHALL INCLUDE BUT NOT LIMITED TO DEMOLITION AND CONSTRUCTION MEANS AND METHODS, TECHNIQUES, SEQUENCING, AND SAFETY REQUIRED TO COMPLETE CONSTRUCTION.
5. UNLESS OTHERWISE NOTED, MATERIAL AND DESIGN SPECIFICATIONS CITED HEREIN SHALL BE THOSE CONFORMING WITH THE VERSION OF THE APPLICABLE SPECIFICATIONS OR CODE MOST RECENTLY ADOPTED BY THE PERMITTING AUTHORITY. THESE STRUCTURAL NOTES ARE TO BE USED AS A SUPPLEMENT TO THE SPECIFICATIONS.
6. THIS STRUCTURE AND ALL OF ITS PARTS MUST BE ADEQUATELY BRACED AGAINST WIND, LATERAL EARTH AND SEISMIC FORCES UNTIL THE PERMANENT LATERAL-FORCE RESISTING SYSTEMS HAVE BEEN CONSTRUCTED AND ALL ATTACHMENTS AND CONNECTIONS NECESSARY FOR THE STABILITY OF THE STRUCTURE AND ITS PARTS HAVE BEEN MADE.
7. ALL FEATURES OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF THE SAME TYPE AND CHARACTER AS SHOWN FOR SIMILAR CONDITIONS, SUBJECT TO REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.
8. ALL PRODUCTS AND MATERIALS USED BY THE CONTRACTOR SHALL BE APPLIED, PLACED, ERECTED OR INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
9. ALL KEYNOTES INDICATE NEW ITEMS TYPICALLY UNLESS NOTED OTHERWISE.

CODE REQUIREMENT:

1. CONFORM TO THE 2019 OREGON STRUCTURAL SPECIALTY CODE, BASED ON THE 2018 INTERNATIONAL BUILDING CODE (IBC). NOTE: THIS APPLIES TO ALL REFERENCES TO OSSC.

DESIGN CRITERIA:

1. THE WORK UNDER THE FOLLOWING SPECIFICATION SECTIONS IS SUBJECT TO SPECIAL INSPECTIONS AS DESCRIBED IN SECTION 1704 OF THE OSSC.
   00 23 00 - EARTHWORK
   03 30 00 - CAST IN PLACE CONCRETE
   05 12 00 - STRUCTURAL STEEL
   06 10 00 - ROUGH CARPENTRY

2. THE PROJECT WAS DESIGNED FOR THE FOLLOWING LOADS:
   A. ROOF LIVE — 30 PSF SNOW LOAD WITH SNOW DRIFT
   B. ROOF DEAD — 15 PSF
   C. FLOOR LIVE — 40 PSF
   D. FLOOR DEAD — 18 PSF
   E. GROUND SNOW LOAD: — 25 PSF
   F. WIND LOAD:
      a. WIND SPEED: — 135 MPH
      b. EXPOSURE: — B
      c. I_w = — 1.0
   G. SEISMIC LOAD:
      a. SEISMIC DESIGN CATEGORY: — D
      b. SEISMIC SITE CLASS: — D
      c. I_e = — 1.25
      d. S_S = — 1.295
      e. S_1 = — 0.68
      f. V = — 6.84 K (R = 5)

SPECIAL INSPECTION:
1. SPECIAL INSPECTIONS REQUIRED SHALL BE PROVIDED BY THE OWNER BASED ON THE REQUIREMENTS OF THE OSSC AS SUMMARIZED IN THE ZCS ENGINEERING SPECIAL INSPECTION CHECKLIST DATED XXX.

STRUCTURAL OBSERVATION:

1. THE STRUCTURAL ENGINEER OF RECORD (SER) WILL PERFORM STRUCTURAL OBSERVATION BASED ON THE REQUIREMENTS OF THE OSSC. THE STAGES OF CONSTRUCTION LISTED BELOW. CONTRACTOR SHALL PROVIDE SUFFICIENT NOTICE AND ACCESS FOR THE SER TO PERFORM THESE OBSERVATIONS.

STRUCTURAL OBSERVATION PROGRAM			
ITEM	OBSERVED BY (2)		COMMENTS
	AOR	SER	
PRIOR TO FIRST CONCRETE POUR		X	SEE NOTES A, C, D, E
DURING INITIAL STEEL ERECTION		X	SEE NOTES A, C, D
AS REQUIRED TO ADDRESS STRUCTURAL ISSUES		X	SEE NOTES A, C, D

2. PROGRAM FOOTNOTES:
   A. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SER IN ADVANCE.
   B. SER - STRUCTURAL ENGINEER OF RECORD / AOR - ARCHITECT OF RECORD
   C. A FIELD REPORT WILL BE SUBMITTED TO THE BUILDING DEPARTMENT FOLLOWING EACH SITE VISIT.
   D. STRUCTURAL OBSERVATION IS FOR THE GENERAL CONFORMANCE OF THE STRUCTURAL DRAWING, SPECIAL INSPECTION IS STILL REQUIRED.
   E. AFTER REINFORCING STEEL HAS BEEN INSTALLED.

DIVISION 03 - CONCRETE

CONCRETE:

1. CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE OSSC. CONCRETE STRENGTHS SHALL BE VERIFIED BY STANDARD 28 DAY CYLINDER TESTS PER ASTM C39, AND SHALL BE AS FOLLOWS:

ABSOLUTE WATER-CEMENT RATIO BY WEIGHT			
f'c (PSI)	NON AIR-ENTRAINED	AIR-ENTRAINED	USE
3,000	N/A	0.50	MISC. CONCRETE, CURBS, SIDEWALKS, ETC.
3,500	0.42	N/A	EXPOSED SLABS ON GRADE OR METAL DECK
4,000	0.50	N/A	INTERIOR SLABS ON GRADE
4,000	0.45	N/A	BASEMENT WALLS AND SPREAD FOOTINGS
4,500	N/A	0.45	EXTERIOR SLABS ON GRADE, WALLS, COLUMNS, AND BEAMS

2. VERIFY WATER/CEMENT RATIO WITH FLOOR COVERING MANUFACTURER FOR CONCRETE FLOORS WITH MOISTURE SENSITIVE FLOOR COVERINGS, AND VERIFY COORDINATE WITH PROJECT SPECIFICATIONS.
3. MINIMUM CEMENT CONTENT PER CUBIC YARD SHALL BE AS FOLLOWS:
   • f'c=4,000 psi: 550 lbs.
4. FLY ASH CONFORMING TO ASTM C618 (INCLUDING TABLE 2A) TYPE F, MAY BE USED TO REPLACE UP TO 20% OF THE CEMENT CONTENT, PROVIDED THAT THE MIX STRENGTH IS SUBSTANTIATED BY TEST DATA.
5. THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS, ALONG WITH TEST DATA COMPLIANT WITH OSSC SECTION 1905, A MINIMUM OF TWO WEEKS PRIOR TO PLACING CONCRETE. NO WATER MAY BE ADDED TO CONCRETE IN THE FIELD UNLESS SPECIFICALLY APPROVED IN WRITING BY THE CONCRETE SUPPLIER IN CONJUNCTION WITH THE CONCRETE MIX DESIGN.
6. A WATER-REDUCING ADMIXTURE CONFORMING TO ASTM C494, USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, SHALL BE INCORPORATED IN CONCRETE DESIGN MIXES. A HIGH-RANGE WATER-REDUCING (HRWR) ADMIXTURE CONFORMING TO ASTM C494, TYPE F OR G, MAY BE USED IN CONCRETE MIXES PROVIDING THAT THE SLUMP DOES NOT EXCEED 8". AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260 SHALL BE USED IN CONCRETE MIXES FOR EXTERIOR HORIZONTAL SURFACES EXPOSED TO WEATHER. THE AMOUNT OF ENTRAINED AIR SHALL BE 5% +/- 1% BY VOLUME.

CONCRETE CAST IN PLACE:

1. STRUCTURAL CALCULATIONS ARE BASED ON 2,500 psi CONCRETE STRENGTH, THEREFORE SPECIAL INSPECTION IS NOT REQUIRED PER OSSC 1705.3.
2. CONCRETE SHALL HAVE A MAXIMUM SLUMP OF 4" WITHOUT THE USE OF ADMIXTURES AS NOTED.
3. A MINIMUM OF THREE (3) CONCRETE TEST CYLINDERS SHALL BE PROVIDED FOR EACH ONE HUNDRED (100) CU. YARDS, OR EACH DAY OF POUR, FOR EACH CONCRETE STRENGTH. CYLINDERS SHALL BE TESTED AS FOLLOWS:
   A. ONE (1) AT SEVEN (7) DAYS, AND
   B. TWO (2) AT TWENTY-EIGHT (28) DAYS
4. CONCRETE CYLINDER SAMPLING AND TESTING SHALL CONFORM WITH ASTM SPECIFICATIONS. ACCEPTANCE OF CONCRETE SHALL BE GOVERNED BY THE PROVISIONS OF ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". TWO (2) SETS OF MIX DESIGNS, WITH COMPLETE STATISTICAL BACKUP, SHALL BE SUBMITTED FOR REVIEW.
5. CONCRETE MATERIALS, FORM WORK, MIXING, PLACING AND CURING SHALL CONFORM WITH THE SPECIFICATIONS CONTAINED IN THE ACI "MANUAL OF CONCRETE PRACTICE".
6. AT AREAS OF DEPRESSIONS FOR SLABS AND BEAMS, PROVIDE MINIMUM THICKNESS OF DEPTH AS FOR ADJACENT AREAS, UNLESS NOTED OTHERWISE.
7. CONCRETE SLABS SHALL BE INSTALLED WITH CONSTRUCTION JOINTS NOT SPACED FARTHER THAN 12'-6" APART AND SHALL BE DIVIDED INTO APPROXIMATELY SQUARE PANELS. PANEL DIMENSION RATIOS SHALL NOT EXCEED 1.5:1.
8. **ALL SAW CUT CONTROL JOINTS SHALL BE CUT WITHIN 4 TO 12 HOURS AFTER CONCRETE PLACEMENT. SAW CUT SHALL BE 1.5" DEEP.**
9. CONCRETE SHALL NOT BE PLACED ON FROZEN GROUND.
10. BOND NEW CONCRETE TO EXISTING CONCRETE WITH "WELD-CRETE", AS MANUFACTURED BY LARSON PRODUCTS CORPORATION, OR APPROVED. AS A MINIMUM, EXISTING CONCRETE SURFACES SHALL BE ROUGHENED BY CHIPPING TO A MINIMUM 1/4" AMPLITUDE TO EXPOSE COARSE AGGREGATE. PREPARATION AND APPLICATION IS TO BE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
11. ALL EXPOSED CORNERS SHALL HAVE 3/4" CHAMFER, UNLESS NOTES OTHERWISE.
12. MASS CONCRETE CONSTRUCTION: AGGREGATE SIZE USED SHALL BE 1 1/2".
   A. MAXIMUM SLUMP SHALL NOT EXCEED THREE INCHES (3"). MASTERBUILDER'S RHEOBILD 1000 MAY BE USED TO INCREASE WORKABILITY.
   B. POZZOLANS CONSTITUTING FIFTEEN PERCENT (15%) OF THE WEIGHT OF THE PORTLAND-POZZOLAN CEMENT MIX MAY BE ADDED TO THE MIX TO AID IN REDUCING TEMPERATURE RISE. COOL WATER SHALL USED DURING BATCHING.
   C. CURING SHALL BE DONE BY WATER FOR A MINIMUM OF FOURTEEN (14) DAYS.
   D. MASS CONCRETE APPLIES TO SECTION THICKER THAN 3'-0"; FIFTY-SIX (56) DAY COMPRESSIVE STRENGTH MAY BE USED.

CONCRETE REINFORCING STEEL:

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. FOR DEFORMED BARS AND ASTM A185 FOR SMOOTH WELDED WIRE FABRIC (WWF), UNLESS OTHERWISE NOTED. REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706. REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE WITH #16 ANNEALED IRON WIRE.
2. BARS IN SLABS SHALL BE SUPPORTED ON WELL CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, AS SPECIFIED BY THE CRSI MANUAL OF STRANDED PRACTICE, MSP-1. REINFORCING STEEL SHALL BE DETAINED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE, MSP-1 REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315. LAP ALL REINFORCING BARS PER THE TYPICAL LAP SPLICE LENGTH SCHEDULE, EXCEPT AS NOTED. MECHANICAL SPLICES NOTED ON THE PLANS SHALL BE DAYTON BAR-GRIP SPLICES OR APPROVED WITH A CURRENT ICC APPROVAL REPORT.

TYPICAL LAP SPLICE LENGTH SCHEDULE								
BAR SIZE	3,000 psi		4,000 psi		5,000 psi		6,000 psi	
	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2
#4	29	43	25	37	22	33	20	31
#5	36	54	31	47	28	42	25	38

NOTES:
   A. DIMENSIONS ARE IN INCHES.
   B. CASES 1 AND 2 ARE DEFINED AS FOLLOWS: (db = BAR DIAMETER)
      a. BEAMS OR COLUMNS:
         • CASE 1: COVER ≥ db AND c-c SPACING ≥ 2db
         • CASE 2: COVER < db OR c-c SPACING < 2db
      b. ALL OTHERS:
         • CASE 1: COVER ≥ db AND c-c SPACING ≥ 3db
         • CASE 2: COVER < db OR c-c SPACING < 3db
   C. FOR TOP BARS, MULTIPLY LAP LENGTH ABOVE BY 1.3. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BARS.

3. REINFORCEMENT SHALL BE SECURED IN FORMS WITH TIES AND ANCHORAGE TO PREVENT DISPLACEMENT. ALL TIE WIRE SHALL BE MIN. #16 ANNEALED STEEL.
4. ALL REINFORCING STEEL SHALL BE TIED 100% ALONG ALL PERIMETER EDGES AND 50%FIELD.
5. REINFORCING (MINIMUM UNLESS NOTED OTHERWISE ON PLANS)
   A. PLACE TWO (2) NO. 4 CONTINUOUS AT BOTTOM, TOP AND AT DISCONTINUOUS ENDS OF ALL FOUNDATIONS.
   B. PLACE BARS AT CORNERS AND INTERSECTIONS FOR WALLS AND FOUNDATIONS EQUAL IN SIZE AND NUMBER TO HORIZONTAL REINFORCING WITH LEGS THAT SATISFY THE REQUIRED LAP SPLICE LENGTH PER SCHEDULE ABOVE.
   C. PLACE TWO (2) NO. 4x OPENING DIMENSIONS PLUS 4'-0" EACH SIDE OF ALL OPENINGS AND TWO (2) NO. 4x4'-0" DIAGONAL BARS AT EACH CORNER OF ALL SLAB OPENINGS GREATER THAN 1'-6" IN DIMENSION.
6. ALL WELDED WIRE FABRIC SHALL CONFORM WITH ASTM A 185. ALL WIRE FABRIC SHALL BE SUPPLIED, LAID IN FLAT SHEETS AND CHAIRED TO PROPER POSITION IN SLABS. LAP ONE (1) FULL MESH PLUS 2" ON SIDES AND ENDS.
7. ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI DETAILING MANUAL 315.
   A. ALL REINFORCING STEEL SHALL BE ACCURATELY AND SECURELY PLACED.
   B. REINFORCING SHALL NOT BE BENT OR DISPLACED FOR THE CONVENIENCE OF OTHER TRADES, UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
   C. SPLAY REINFORCING STEEL AROUND OPENINGS WITH 1" IN 10" SPLAY, UNLESS NOTED OTHERWISE.
   D. MINIMUM COVER FROM CONCRETE SURFACES TO REINFORCING STEEL SHALL BE:
      • 3" TO BOTTOM OF FOOTING
      • 2" TO EARTH FACE OF WALL
      • 3/4" TO INSIDE FACE OF WALL
      • 1-1/2" TO MAIN STEEL BEAMS AND COLUMNS
      • 3/4" SLAB TO TOP AND BOTTOM SURFACES, CENTER OF SLAB ON GRADE
8. REINFORCEMENT BARS SHALL NOT BE TACK WELDED, WELDED, HEATED OR CUT, UNLESS INDICATED ON THE CONTRACT DOCUMENTS OR APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
9. REINFORCEMENT COUPLERS SHALL BE LENTON, FOX-HOWLETT OR APPROVED, CAPABLE OF DEVELOPING ONE HUNDRED TWENTY-FIVE PERCENT (125%) OF THE SPECIFIED YIELD STRENGTH OF THE REINFORCEMENT.

CONCRETE ACCESSORIES:

1. EXPANSION BOLTS SHALL BE HILTI KWIK TZ, SIMPSON STRONG BOLT, DEWALT POWER-STUD+SD2, OR APPROVED WITH EQUIVALENT ICC ALLOWABLE TENSION AND SHEAR VALUES. EXPANSION BOLTS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS. DO NOT CUT REINFORCING IN NEW OR EXISTING CONCRETE DURING INSTALLATION.
2. EPOXY ADHESIVE SHALL BE HILTI HIT-RE 500 V3, SIMPSON SET-XP, DEWALT PURE110+ EPOXY, DEWALT AC200+ ACRYLIC, OR APPROVED WITH EQUIVALENT ICC ALLOWABLE TENSION AND SHEAR VALUES. EPOXY ANCHORS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS. DO NOT CUT REINFORCING IN NEW OR EXISTING CONCRETE DURING INSTALLATION.
3. PERMANENTLY EXPOSED EMBEDDED PLATES AND ANGLES SHALL BE HOT-DIPPED, GALVANIZED AFTER FABRICATION, UNLESS OTHERWISE NOTED. NO LOADS OR WELDS SHALL BE PLACED ON EMBEDDED PLATES OR ANGLES FOR A MINIMUM OF 7 DAYS AFTER CASTING.
4. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS SHALL BE DONE BY A CERTIFIED ADHESIVE ANCHOR INSTALLER (AAI) AS CERTIFIED THROUGH ACI/CRSI, OR AN APPROVED ALTERNATE WHEN SUBMITTED AND APPROVED BY THE EOR (ACI 318-11 D.9.2.2)/(ACI 318-14 17.8.2.2). PROOF OF CURRENT CERTIFICATION SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF INSTALLATION.
5. ADHESIVE ANCHORS MUST BE INSTALLED IN CONCRETE AGED A MINIMUM OF 21 DAYS (ACI 318-11 D.2.2)/(ACI 318-14 17.1.2).

NON-SHRINK GROUT:

1. GROUT SHALL BE NON-SHRINKABLE GROUT CONFORMING WITH ASTM C 1107 AND C.R.D. - 621, CORPS OF ENGINEERS "SPECIFICATIONS FOR NON-SHRINK GROUT". GROUT SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH AT TWENTY-EIGHT (28) DAYS OF 5000 psi. PRE-GROUTING OF BASE PLATES WILL NOT BE PERMITTED.

DIVISION 04 - MASONRY

CONCRETE MASONRY:

1. CONCRETE MASONRY UNITS SHALL COMPLY WITH ASTM C90, SAMPLED AND TESTED IN ACCORDANCE WITH ASTM C140 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2,800 psi. LINEAR SHRINKAGE FOR UNITS SHALL NOT EXCEED 0.065%. ASSEMBLIES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF f'm = 2,000 psi AS VERIFIED BY PRISM TESTS BEFORE AND DURING CONSTRUCTION. CONCRETE MASONRY WALLS SHALL BE REINFORCED AS SHOWN ON THE PLANS AND DETAILS AND, IF NOT SHOWN, SHALL BE AS NOTED UNDER "MASONRY REINFORCING STEEL".

MORTAR:

1. MORTAR SHALL BE TYPE S, WITH A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 1,800 psi, AND SHALL CONFORM TO OSSC SECTION 2103.

MASONRY GROUT:

1. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 psi AT 28 DAYS AND SHALL CONFORM TO OSSC SECTION 2103. GROUT SHALL CONSIST OF A MIXTURE OF CEMENTITIOUS MATERIALS AND AGGREGATE TO WHICH SUFFICIENT WATER HAS BEEN ADDED TO CAUSE THE MIXTURE TO FLOW WITHOUT SEGREGATION OF THE CONSTITUENTS. ALL CELLS CONTAINING VERTICAL BARS AND ALL BOND BEAMS SHALL BE FILLED WITH GROUT. FULLY GROUT WALLS WHERE INDICATED.

MASONRY REINFORCING STEEL:

1. REINFORCING SHALL CONFORM TO OSSC SECTION 2103. DEFORMED BARS SHALL BE ASTM A615 GRADE 60, AND SHALL BE SECURELY PLACED IN ACCORDANCE WITH TMS 602 SECTION 3.4.

2. BOND BEAMS WITH TWO #5 BARS HORIZONTALLY SHALL BE PROVIDED AT ALL FLOOR AND ROOF LINES AND AT THE TOP OF THE WALLS. STEP BOND BEAMS AS REQUIRED TO MATCH ROOF SLOPES. PROVIDE A BOND BEAM WITH TWO #5 BARS HORIZONTALLY ABOVE AND BELOW ALL OPENINGS, AND EXTEND THESE BARS 2'-0" PAST THE OPENING AT EACH SIDE. PROVIDE ONE BAR, MATCHING VERTICAL BAR SIZE, FOR THE FULL-HEIGHT OF THE WALL AT EACH SIDE OF OPENINGS, WALL ENDS, AND INTERSECTIONS. DOWELS TO MASONRY WALLS SHALL BE EMBEDDED A MINIMUM OF 1'-6" OR HOOKED INTO THE SUPPORTING STRUCTURE AND BE OF THE SAME SIZE AND SPACING AS WALL INTERSECTIONS. LAP ALL BARS AT SPLICES 48 DIAMETERS, WITH A MINIMUM LAP OF 18", EXCEPT AS NOTED.

DIVISION 05 - METALS

STRUCTURAL STEEL AND MISCELLANEOUS IRON:

STRUCTURAL STEEL SHALL BE:

STRUCTURAL STEEL	
ASTM A572, GRADE 50	PLATES WHERE NOTED
ASTM A36	CHANNELS, PLATES, AND ANGLES, U.N.O.
ASTM A500, GRADE B (Fy = 46 KSI)	HOLLOW STRUCTURAL SECTIONS (TUBES)

1. DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH THE "AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" WITH "COMMENTARY" AND THE "CODE OF STANDARD PRACTICE", WITH EXCEPTIONS NOTED IN SPECIFICATIONS.
2. DRAWINGS ARE DIMENSIONED FOR LAYOUT AND NOT DIMENSIONED PER AISC STANDARDS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE BETWEEN ALL DRAWINGS AND DEVELOP SHOP DRAWINGS WITH DETAIL AND DIMENSIONING PER AISC.
3. ALL FABRICATION, ERECTION, IDENTIFICATION, AND PAINTING SHALL CONFORM TO AISC SPECIFICATIONS.
4. ALL STEEL EXPOSED TO WEATHER, SOIL, MOISTURE, OR AS DENOTED ON PLANS SHALL BE HOT DIP GALVANIZED PER ASTM A-123, OR OTHER APPROVED PROTECTIVE COATING.
5. ALL WELDING SHALL CONFORM TO AWS (LATES EDITION) SPECIFICATIONS.
   A. ALL WELDERS TO BE QUALIFIED UNDER AWS SPECIFICATIONS WITHIN THE PAST TWO YEARS FOR THE TYPE OF WELDING PERFORMED.
   B. ALL WELDS SHALL BE PERFORMED USING PRE-QUALIFIED WELDING PROCEDURES.
   C. WELDS FILLER METAL SHALL BE AWS A5.1 OR A5.5 E70XX ELECTRODES OR AWS A5.18 ER70S-X OR A5.2 E7XT-X.
   D. AFTER FABRICATION, BUT BEFORE INSTALLATION, REMOVE RUST, SCALE, GREASE, AND OIL BY WIRE BRUSHING AND CHEMICAL TREATMENT.
   E. WELDING OF REINFORCING STEEL SHALL BE AS SPECIFIED IN THESE STRUCTURAL NOTES UNDER **"CONCRETE REINFORCING STEEL"**.
   F. WELDS TO METAL DECK, METAL STUDS OR OTHER LIGHT GAUGE METALS SHALL CONFORM WITH AWS D1.3.
6. ALL HIGH-STRENGTH BOLTS, MATERIAL AND INSTALLATION, SHALL CONFORM WITH ASTM STANDARDS.
   A. BOLTS SHALL CONFORM WITH ASTM A 325, TYPE N, TYPE X, TYPE SC (CLASS A). BOLTS NOT NOTED IN THE DRAWINGS AS TYPE SC SHALL BE TYPE N, TYPE X.
   B. FRICTION CONNECTIONS SHALL BE FREE OF PAINT AT THE FAYING SURFACES, OR A CLASS A SURFACE SHALL BE PROVIDED.
   C. FOR FRICTION TYPE CONNECTIONS (TYPE SC), LOAD-INDICATING BOLTS SHALL BE THE LEJEUNE TENSION CONTROL FASTENING SYSTEM MANUFACTURED BY THE LEJEUNE BOLT COMPANY, OR APPROVED. LOAD-INDICATING BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER. CONNECTION BOLTS SHALL HAVE A HARDENED WASHER PLACED UNDER THE ELEMENT TO BE TIGHTENED. AS APPROVED, STANDARD TYPE SC BOLTS WITH LOAD-INDICATING WASHERS MAY BE USED IN LIEU OF THE LOAD-INDICATING BOLT ASSEMBLY. LOAD-INDICATING WASHERS SHALL BE ASTM F959 "CORONET", AS MANUFACTURED BY THE COOPER AND TURNER DIVISION OF J AND M TURNER, INC.
   D. FOR BEARING-TYPE CONNECTIONS, TYPE N, TYPE X BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION, ONLY.
   E. ALL HIGH-STRENGTH BOLTS SHALL BE INSTALLED WITH HARDENED WASHERS, CONFORMING WITH ASTM F 436, AND NUTS, CONFORMING WITH ASTM A 563.
   F. ALL BOLTS REQUIRING GALVANIZATION SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS C.
   G. NO WELDING TO HIGH-STRENGTH BOLTS IS ALLOWED.
7. ALL MEMBERS SHALL BE CONNECTED WITH SEMI-FINISHED MACHINE BOLTS, UNLESS NOTED OTHERWISE ON PLANS. MACHINE BOLTS SHALL CONFORM TO ASTM A 307, GRADE A.
8. STRUCTURAL STEEL AND MISCELLANEOUS IRON:
   A. EXPANSION ANCHORS SHALL BE I.C.B.O. APPROVED (ZINC PLATED IN ACCORDANCE WITH ASTM B633, HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTMA 153, A.I.S.I. 304 STAINLESS STEEL) AND CONFORM WITH FS FF-S-325, GROUP II, TYPE 4, CLASS 1. ACCEPTABLE ANCHORS ARE HILTI "KWIK-BOLT TZ", SIMPSON STRONG BOLT, OR DEWALT POWER STUD+. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
   B. SLEEVE ANCHORS SHALL BE I.C.B.O. APPROVED (ZINC PLATED IN ACCORDANCE WITH ASTM B 633, A.I.S.I. 304 STAINLESS STEEL) AND CONFORM WITH FS FF-S-325, GROUP II, TYPE 3, CLASS 3. AN ACCEPTABLE ANCHOR IS THE HILTI "SLEEVE" ANCHOR, AS MANUFACTURED BY THE HILTI FASTENING SYSTEMS, INC. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
   C. FLUSH SHELL ANCHORS SHALL BE I.C.B.O. APPROVED (ZINC PLATED IN ACCORDANCE WITH ASTM B 633, A.I.S.I. 303 STAINLESS STEEL) AND CONFORM WITH FS FF-S-325, GROUP VIII, TYPE 1. AN ACCEPTABLE ANCHOR IS THE HILTI "HDI" ANCHOR, AS MANUFACTURED BY HILTI FASTENING SYSTEMS, INC. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
   D. ADHESIVE ANCHORS SHALL BE I.C.B.O. APPROVED AND SHALL CONSIST OF ALL-THREAD ANCHOR ROD, NUT, WASHER AND EPOXY INJECTION GEL SYSTEM. ANCHOR RODS SHALL BE MANUFACTURED FROM:
      a. A-36 MATERIAL (ZINC PLATED IN ACCORDANCE WITH ASTM B 633, HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 153).
      b. ASTM A 193, GRADE B-7 MATERIAL (ZINC PLATED IN ACCORDANCE WITH ASTM B 633, HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 153).
      c. A.I.S.I. 304 OR 316 STAINLESS STEEL, IN ACCORDANCE WITH ASTM F 593. ANCHOR RODS SHALL HAVE ROLLED THREADS. NUTS SHALL CONFORM WITH ASTM A 194. ACCEPTABLE ADHESIVE INJECTION GEL SYSTEMS ARE THE HILTI HIT-RE 500 V3, SIMPSON SET XP OR DEWALT 1000+. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
9. ANCHOR BOLT SHALL CONFORM WITH ASTM A 307, GRADE A, AND SHALL BE PROVIDED WITH STANDARD WASHERS AND NUTS. GALVANIZE EXTERIOR BOLTS. GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM A 153, CLASS C. NUTS SHALL BE OVER-TAPPED TO CLASS 2A FIT BEFORE GALVANIZING, IN ACCORDANCE WITH ASTM A 563.
10. BOLT HEADS OR NUTS BEARING ON SLOPING FLANGES SHALL BE EQUIPPED WITH BEVELED WASHERS.
11. ERECTION AIDS (SUCH AS BOLTS, CLIPS, SHIMS, SEATS OR ANY OTHERS REQUIRED TO FACILITATE CONSTRUCTION) ARE THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN AND PROVIDE.
12. ALL BRACING SHALL HAVE TWO (2) BOLT CONNECTIONS, UNLESS NOTED OTHERWISE. ALL CROSS BRACING SHALL BE BOLTED AT INTERSECTIONS WITH TWO (2) BOLT MINIMUM FOR ST AND ONE (1) BOLT FOR ANGLES. PROVIDE FILLER PLATE BETWEEN CROSS BRACES, AS REQUIRED.
13. ALL FIELD WELDS TO GALVANIZED STEEL AND AREAS DAMAGED BY WELDING, FLAME CUTTING OR HANDLING, SHALL BE REPAIRED WITH AN ORGANIC COLD GALVANIZING COMPOUND HAVING A MINIMUM OF NINETY-FOUR PERCENT (94%) ZINC DUST IN THE DRY FILM. APPLY IN MULTIPLE COATS, UNTIL AN 8 MIL THICKNESS HAS BEEN ACHIEVED. SURFACES TO RECEIVE ZINC-RICH PAINT SHALL BE CLEAN, DRY AND FREE OF OIL, GREASE, SALT AND CORROSION PRODUCTS.
14. ALL HAND RAILS SHALL BE 1 1/2" DIAMETER STEEL PIPE, STANDARD WEIGHT, HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 123.
15. STEEL LADDERS AND STAIRS SHALL BE CONSTRUCTED OF MEMBERS OF THE SIZES SHOWN. LADDERS AND STAIRS SHALL BE ALL-WELDED CONSTRUCTION, FINISHED SMOOTH AND NEAT. PROVIDE ANCHOR CLIPS AND ACCESSORIES, AS REQUIRED FOR COMPLETE INSTALLATION.
16. ALL EMBEDDED STEEL SHALL BE FABRICATED FROM MATERIAL CONFORMING WITH THE REQUIREMENTS OF ASTM A 36. HOT-DIP GALVANIZE IN ACCORDANCE WITH ASTM A 123, UNLESS NOTED OTHERWISE.
17. ALL DECK PLATE SHALL BE 1/4" DIAMOND OR CHECKERED PLATE, OR APPROVED, UNLESS NOTED OTHERWISE.
18. ALL FLOOR PLATING SHALL BE HOT-DIPPED GALVANIZED, IN ACCORDANCE WITH ASTM A 123.
19. STEEL FLOOR GRATING SHALL BE 1-1/4"x3/16" 19W4, UNLESS NOTED OTHERWISE. MATERIAL, FABRICATION, QUALITY ASSURANCE AND INSTALLATION SHALL COMPLY THE APPLICABLE PROVISIONS AND RECOMMENDATIONS OF THE N.A.A.M.M. METAL BAR GRATING MANUALS (N.N.S.I./N.A.A.M.M. MBG531 AND MBG532).
   A. STAIR TREADS SHALL BE 1-1/4"x3/16" 19W4 WITH CHECKERED PLATE NOSING.
   B. ALL EDGES SHALL BE BANDED. FOR EXTERIOR APPLICATIONS, SERRATED GRATING AND TREAD SHALL BE USED.
   C. ALL FLOOR GRATING SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM 123.
   D. FLOOR GRATING SHALL BE FASTENED TO FLOOR STEEL USING GRATING MANUFACTURER'S STAINLESS STEEL HOLDOWN CLIPS, IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
   E. ALL OPENINGS IN GRATING AT LEG SUPPORTS SHALL BE 1" LARGER THAN THE BASE PLATE DIMENSIONS, UNLESS NOTED OTHERWISE.
   F. PROVIDE PIPING OPENINGS IN GRATING AS REQUIRED. ALL OPENINGS THROUGH GRATING SHALL BE BANDED.

DIVISION 06 - WOOD, PLASTICS AND COMPOSITES

FRAMING LUMBER:

1. ALL FRAMING LUMBER SHALL BE DOUGLAS FIR-LARCH AND SHALL BE GRADED UNDER THE MOST RECENTLY ADOPTED RULES OF THE WEST COAST LUMBER INSPECTION BUREAU (WCLIB).
2. ALL BEAMS AND JOISTS SHALL BE NO. 2 MINIMUM, UNLESS INDICATED OTHERWISE ON THE PLANS.
3. ALL STUDS AND BLOCKING SHALL BE NO. 2.
4. ALL LUMBER IN CONTACT WITH CONCRETE OR EXPOSED SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD C-2 AND SHALL BEAR THE AWPA QUALITY MARK.
5. DOUBLE ALL JOISTS UNDER WALL PARTITIONS, AND PROVIDE BLOCKING BETWEEN JOISTS WHERE BEARING WALLS ARE PERPENDICULAR TO JOISTS.
6. ALL GLULAM BEAMS TO BE 24F-V4 TYPICAL. 24F-V8 FOR CANTILEVERED OR CONTINUOUS SPAN.
7. ALL LVL LUMBER TO BE MICROLAM LVL OR APPROVED EQUAL.
8. ALL PSL LUMBER TO BE PARALLAM PSL OR APPROVED EQUAL.
9. ALL LSL LUMBER TO BE TIMBERSTRAND LSL OR APPROVED EQUAL.

PLYWOOD SHEATHING:

1. ALL PLYWOOD SHALL BE C-D GRADE WITH EXTERIOR GLUE MANUFACTURED IN ACCORDANCE WITH THE UNITED STATES PRODUCT STANDARDS PS 1-83/ANSI A199.1 "FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD" AND SHALL CONFORM TO OSSC SECTION 2303 AND SHALL BEAR THE APA TRADEMARK OF THE APA.
2. PLYWOOD SHALL BE LAID WITH END JOINTS STAGGERED.
3. BLOCK ALL SHEAR WALL SHEATHING WITH 2x BLOCKING AT ALL EDGES.
4. ROOF SHEATHING TO BE UNBLOCKED 5/8" C-D 24/0 PLY, UNLESS NOTED OTHERWISE ON PLANS.
5. FLOOR SHEATHING TO BE UNBLOCKED 1 1/8" 2-4-1 T&G C-D 32/16 PLY, UNLESS NOTED OTHERWISE.
6. EXTERIOR WALLS TO BE 7/16" EXPOSURE I, C-D PLY. OR OSB SHEATHING U.N.O. SEE PLANS FOR SHEAR WALL TYPE AND CORRESPONDENCE SHEAR WALL SCHEDULE FOR REQUIREMENTS.
7. OSB MAY BE SUBSTITUTED FOR PLYWOOD WITH SAME SPAN RATING.

NAILING AND FASTENERS:

1. NAILING INDICATED ON PLANS AND DETAILS ARE "COMMON" NAILS. MINIMUM FRAMING NAILING SHALL CONFORM TO OSSC TABLE 2304.10.1. SEE DETAILS FOR ADDITIONAL TYPICAL NAILING REQUIREMENTS. SUBSTITUTION OF NAILS OTHER THAN "COMMON" IS NOT PERMITTED WITHOUT PRIOR APPROVAL.
2. POWER DRIVEN NAILS OTHER THAN "COMMON" NAILS MAY BE USED IF DATA IS SUBMITTED AND APPROVED PRIOR TO USE.
3. APPLY 1/4 DIAMETER CONTINUOUS BEAD OF GLUE TO TOPS OF WOOD FRAMED FLOOR JOISTS, BLOCKING, AND PLATES IMMEDIATELY PRIOR TO PLACEMENT OF FLOOR SHEATHING.
4. ALL BOLTED CONNECTIONS SHALL BE MADE WITH MACHINE BOLTS (M.B.) CONFORMING TO ASTM A307. ALL BOLTS AND LAGS SHALL BE INSTALLED WITH STANDARD WASHERS, UNLESS NOTED.
5. JOIST HANGERS, HOLDOWNS AND OTHER FRAMING ACCESSORIES ARE REFERRED TO ON PLANS BY PARTICULAR TYPE AS MANUFACTURED BY SIMPSON COMPANY, SAN LEANDRO, CA. ALL HARDWARE IS TO BE FASTENED PER MANUFACTURER'S SPECIFICATIONS, U.N.O.
6. ALL PLATES AND LEDGERS SHALL BE ANCHORED WITH A MINIMUM OF THREE FASTENERS PER PIECE.
7. PRE-DRILL HOLES FOR LAG BOLTS. SOAP THREADS OF LAGS IMMEDIATELY PRIOR TO INSTALLATION.
8. EPOXY ANCHOR BOLTS AND ADHESIVE INDICATED ON DRAWINGS MAY BE SUBSTITUTED UPON CONTRACTORS REQUEST WITH E.O.R. APPROVED EQUAL. DEPTH OF EMBEDMENT SHALL BE AS PER MANUFACTURER SPECIFICATIONS, UNLESS NOTED OTHERWISE. INSTALL ALL EPOXY FASTENERS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.

ZCS ENGINEERING ARCHITECTURE
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SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST
SEASIDE, OR 97138

BROADWAY FIELD RENOVATION

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER — OREGON — July 08, 2014 — MATTHEW R. SMITH — STAMP
EXPIRES: 06-30-24

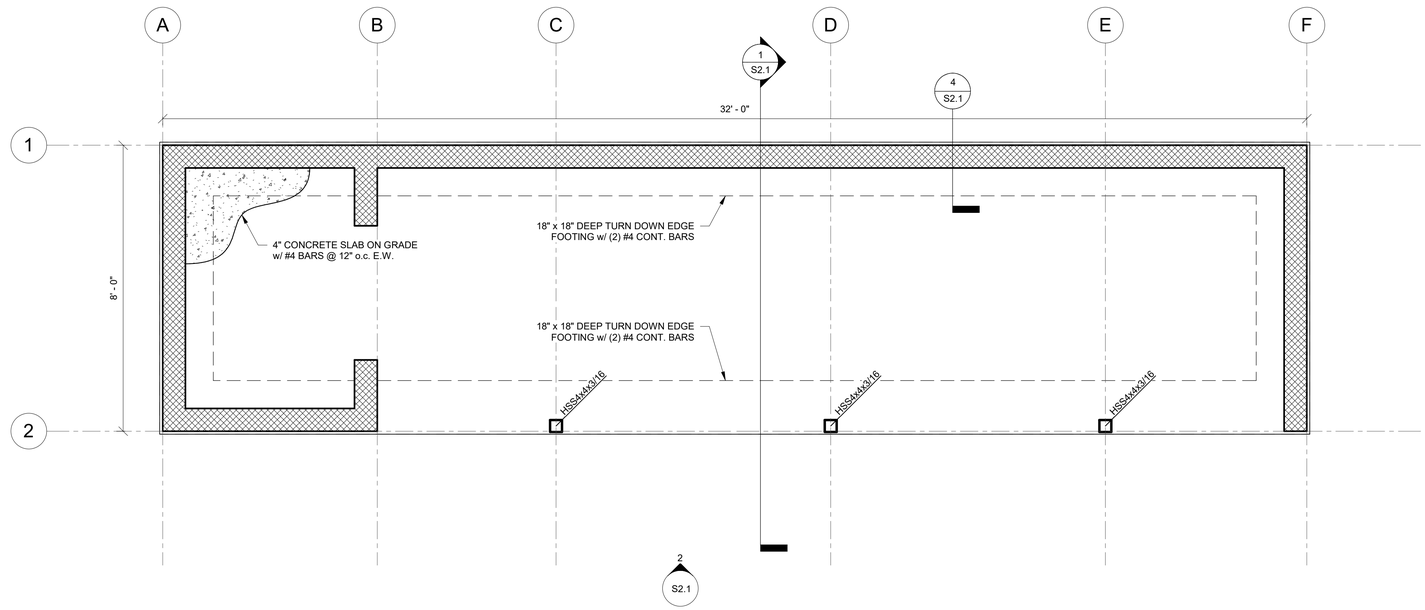
REVISION ID:	DATE:

PROJECT NO.	P-2821-22
DRAWN:	MEG
CHECKED:	MRS
DATE:	05-19-2023

STRUCTURAL GENERAL NOTES

S0.1

PERMIT SUBMITTAL



1 S1.1 FOUNDATION PLAN
1/2" = 1'-0"

FOUNDATION PLAN NOTES

A. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. CONFIRM w/ ARCHITECTURAL PLAN & DETAILS.

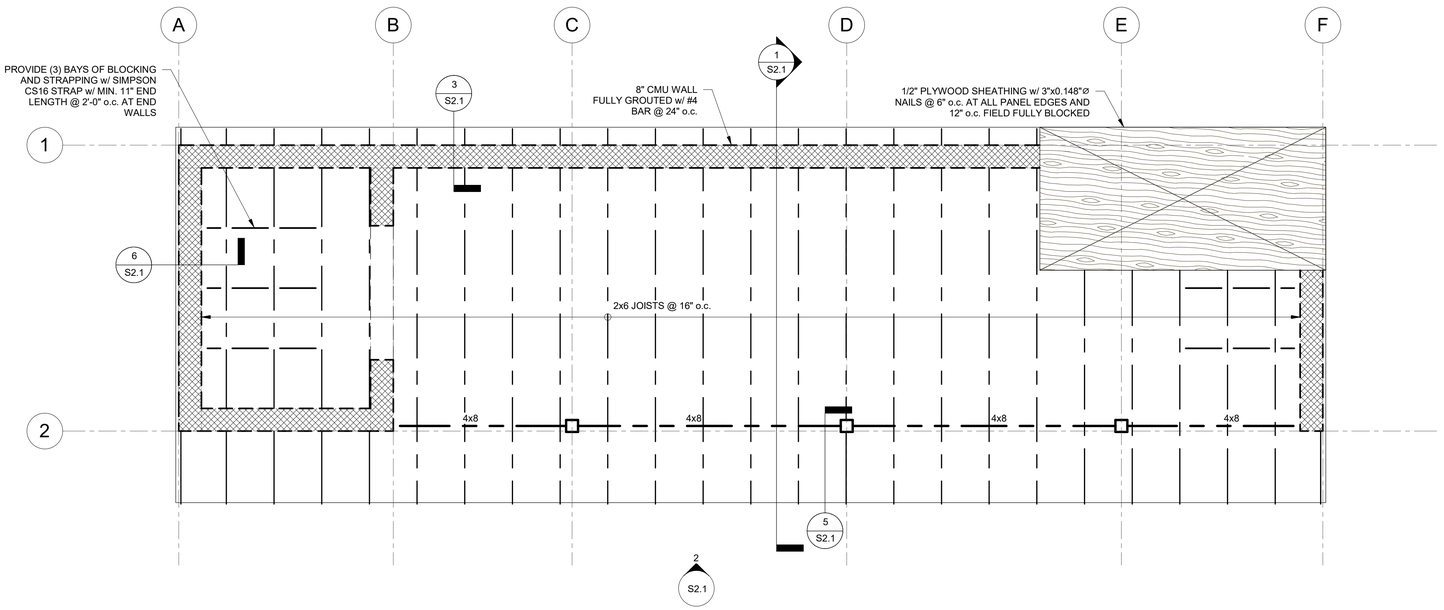
B. BOTTOM OF FOOTINGS TO BE PLACED BELOW FROST DEPTH OR AS NOTED IN THE GEOTECHNICAL REPORT, WHICHEVER IS GREATER.

C. COORDINATE PENETRATIONS OF SITE UTILITIES, MECHANICAL DUCTS, PIPING, AND ELECTRICAL CONDUIT/PANELS TO MINIMIZE IMPACT TO STRUCTURAL FRAMING. PLUMBING FIXTURES SHOWN ON FLOOR FOR REFERENCE AND POSSIBLE FRAMING CONFLICTS ONLY.

D. ALL FOOTINGS ARE TO BE CENTERED UNDER COLUMNS U.N.O.

E. ALL FOOTINGS TO BEAR OVER GRADE OVER FIRM, UNDISTURBED, NON-ORGANIC, NON-EXPANSIVE NATIVE MATERIAL, OR STRUCTURAL FILL AS REQUIRED PER GEOTECHNICAL REPORT.

F. SEE SHEET S0.1 FOR ALL NOTES.



2 S1.1 ROOF FRAMING PLAN
1/2" = 1'-0"

ROOF FRAMING PLAN NOTES

A. COORDINATE ALL DIMENSIONS & FEATURES NOT SHOWN WITH ARCHITECT.

B. SEE SHEET S0.1 FOR ALL NOTES.

C. BEAMS ARE CENTERED ON COLUMNS, WALLS, AND/OR GRID LINES, U.N.O.

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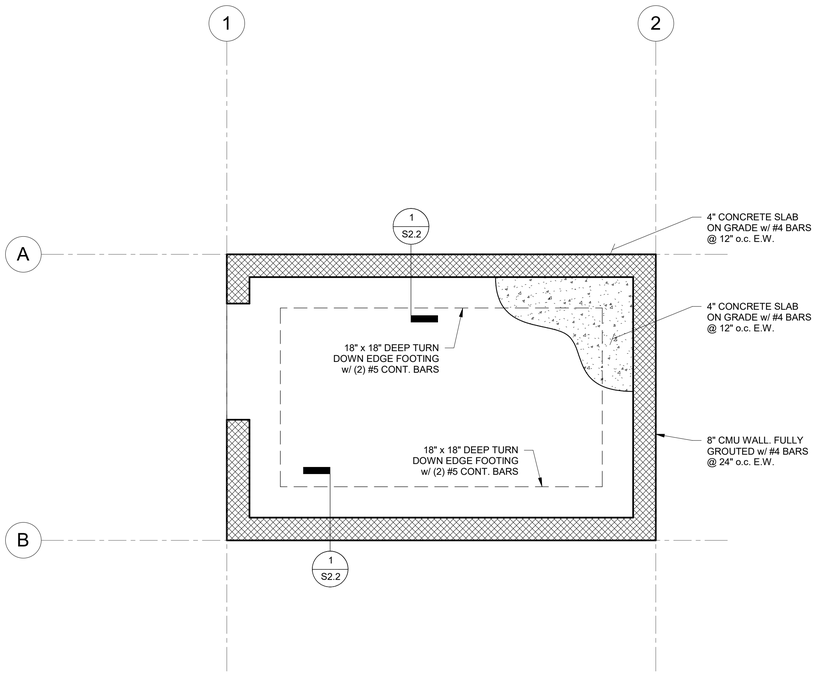
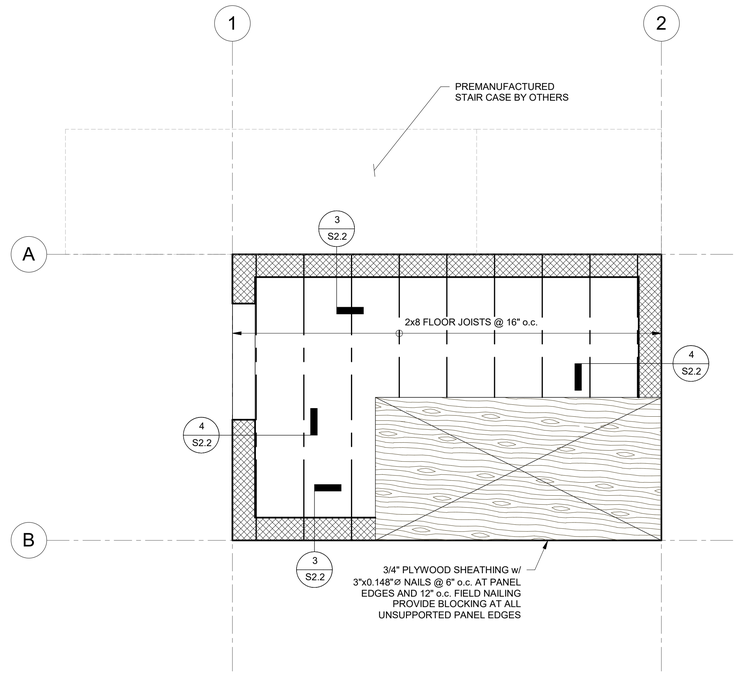
DUGOUT STRUCTURAL PLANS

S1.1

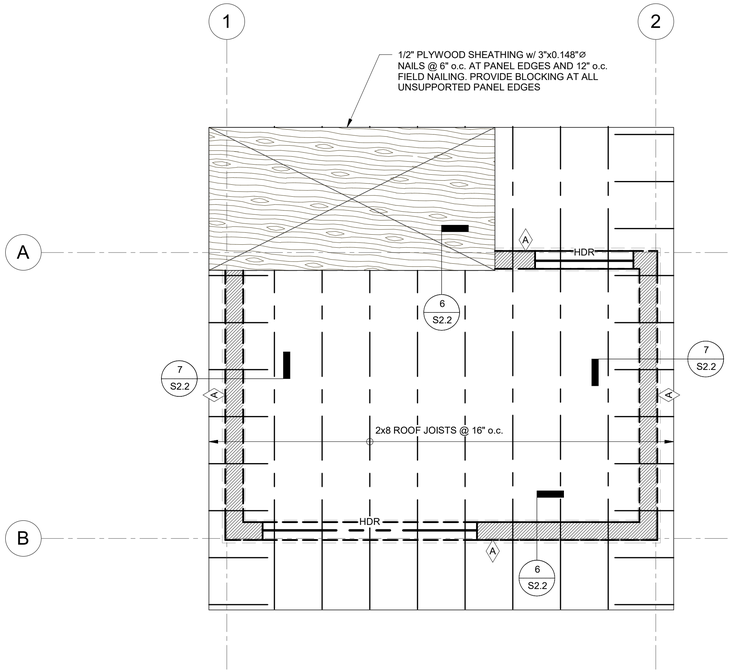
PERMIT SUBMITTAL



1 S1.2 CROWS NEST FOUNDATION PLAN
1/2" = 1'-0"



2 S1.2 CROWS NEST UPPER FLOOR FRAMING PLAN
1/2" = 1'-0"



SHEAR WALL NOTES:

1. ◇X◇ 7/16" RATED SHEATHING w/ 2 1/2"x0.131"Ø NAILS @ 6" o.c. PANEL EDGE NAILING AND 12" o.c. FIELD NAILING.
2. 4'-0" MIN. PANEL WIDTH.
3. ATTACH SILL TO CMU WALL w/ 5/8"Ø ANCHOR BOLTS w/ 7" MIN. EMBEDMENT w/ 2" HOOK @ 32" o.c.
4. BLOCK ALL HORIZONTAL JOINTS.

3 S1.2 CROWS NEST ROOF FRAMING PLAN
1/2" = 1'-0"

FOUNDATION PLAN NOTES

A. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. CONFIRM w/ ARCHITECTURAL PLAN & DETAILS.

B. BOTTOM OF FOOTINGS TO BE PLACED BELOW FROST DEPTH OR AS NOTED IN THE GEOTECHNICAL REPORT, WHICHEVER IS GREATER.

C. COORDINATE PENETRATIONS OF SITE UTILITIES, MECHANICAL DUCTS, PIPING, AND ELECTRICAL CONDUIT/PANELS TO MINIMIZE IMPACT TO STRUCTURAL FRAMING. PLUMBING FIXTURES SHOWN ON FLOOR FOR REFERENCE AND POSSIBLE FRAMING CONFLICTS ONLY.

D. ALL FOOTINGS ARE TO BE CENTERED UNDER COLUMNS U.N.O.

E. ALL FOOTINGS TO BEAR OVER GRADE OVER FIRM, UNDISTURBED, NON-ORGANIC, NON-EXPANSIVE NATIVE MATERIAL, OR STRUCTURAL FILL AS REQUIRED PER GEOTECHNICAL REPORT.

F. SEE SHEET S0.1 FOR ALL NOTES.

FLOOR FRAMING PLAN NOTES

A. COORDINATE ALL DIMENSIONS & FEATURES NOT SHOWN WITH ARCHITECT.

B. SEE SHEET S0.1 FOR ALL NOTES.

C. BEAMS ARE CENTERED ON COLUMNS, WALLS, AND/OR GRID LINES, U.N.O.

ROOF FRAMING PLAN NOTES

A. COORDINATE ALL DIMENSIONS & FEATURES NOT SHOWN WITH ARCHITECT.

B. SEE SHEET S0.1 FOR ALL NOTES.

C. BEAMS ARE CENTERED ON COLUMNS, WALLS, AND/OR GRID LINES, U.N.O.

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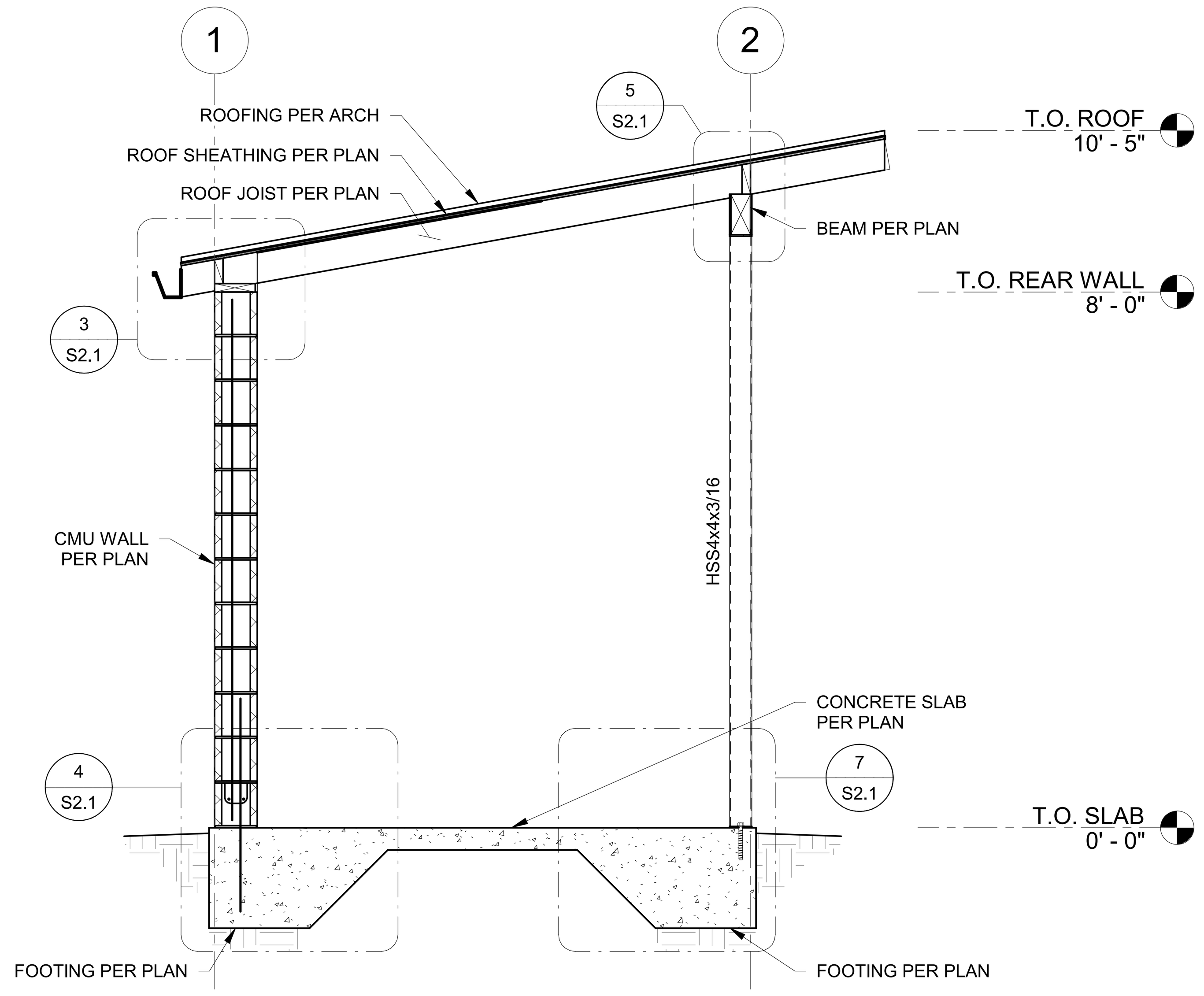
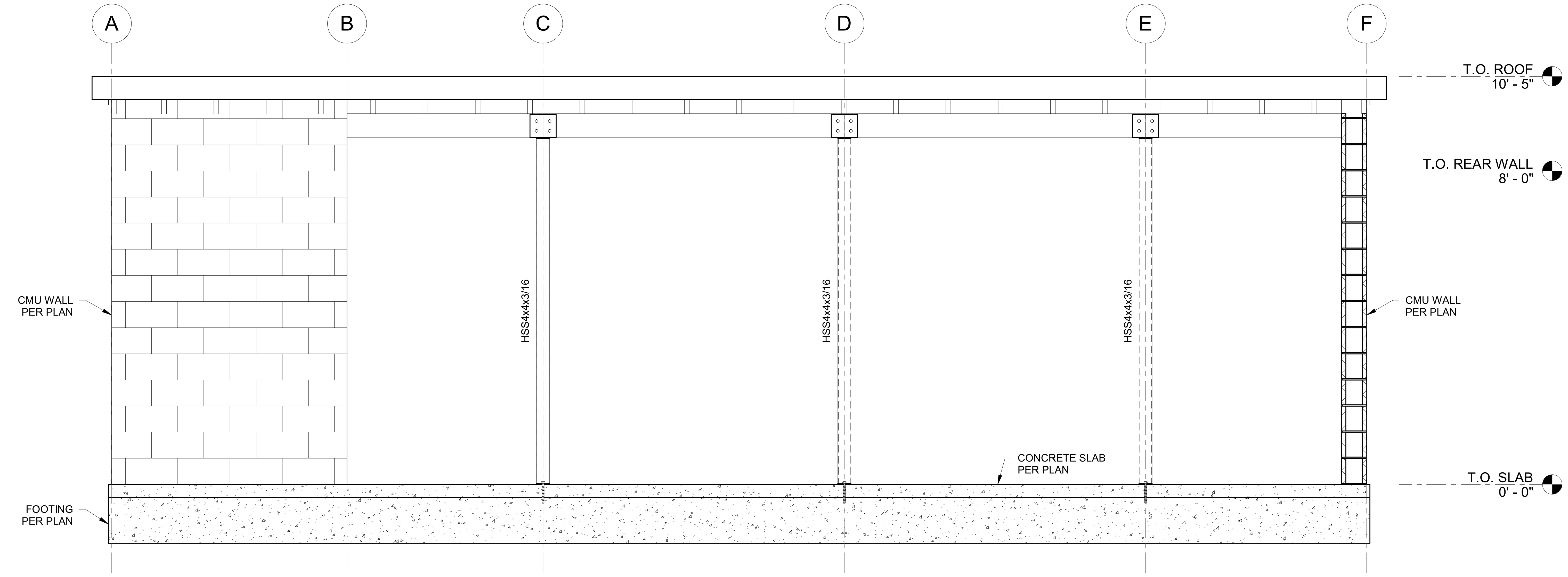
CROWS NEST STRUCTURAL PLANS

S1.2

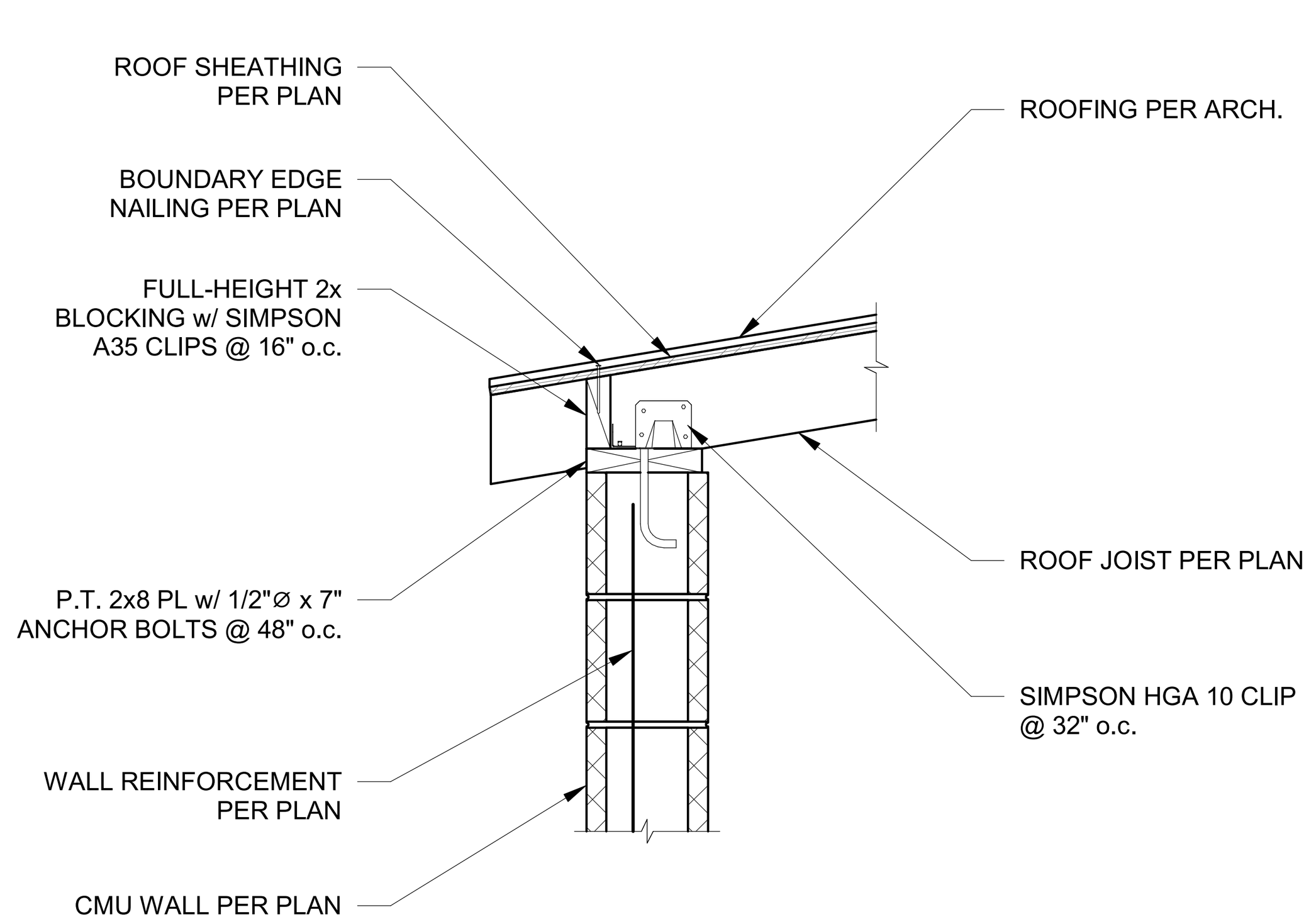
PERMIT SUBMITTAL



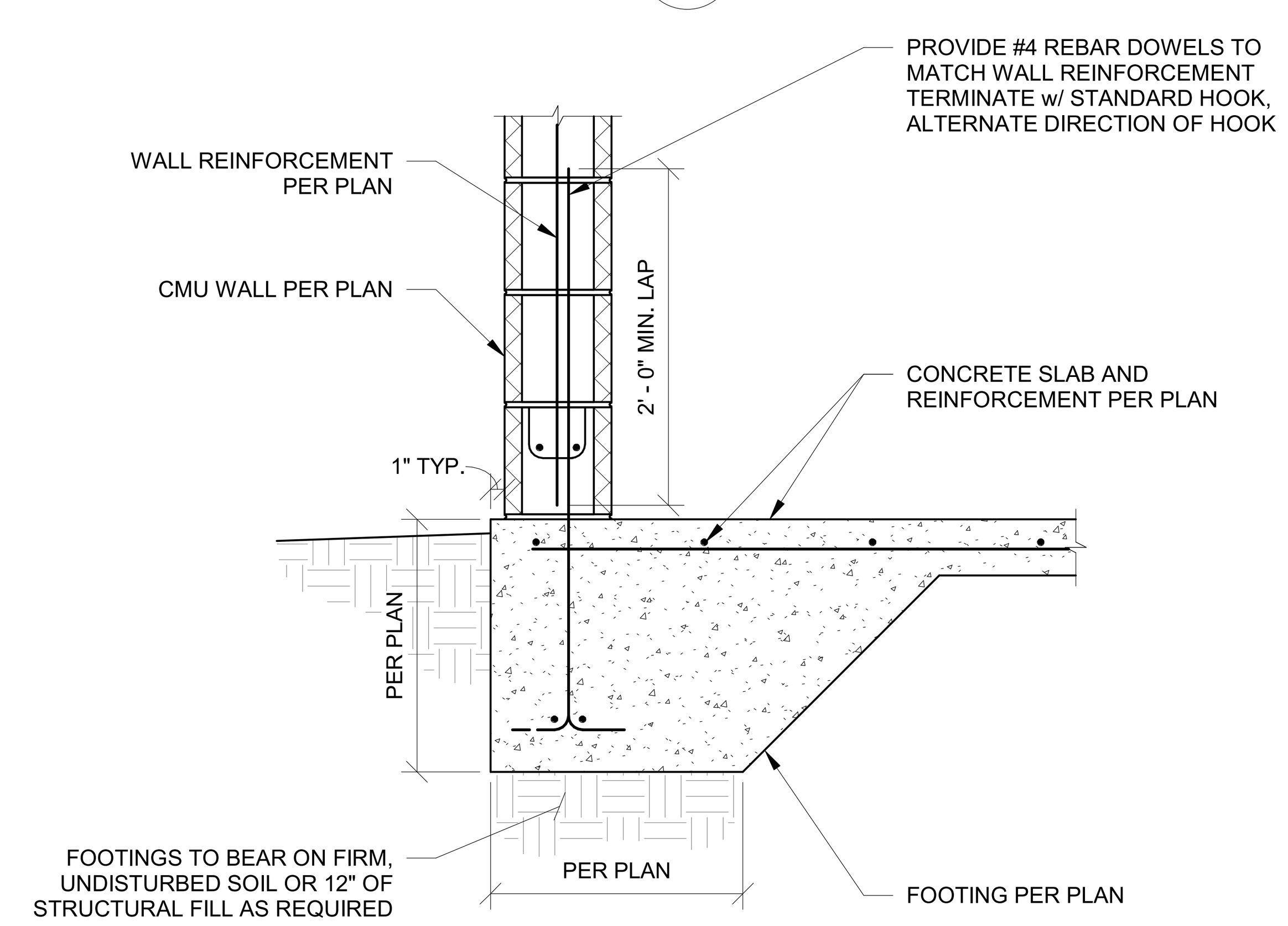
1
S2.1
FRAMING PLAN - SECTION
1/2" = 1'-0"



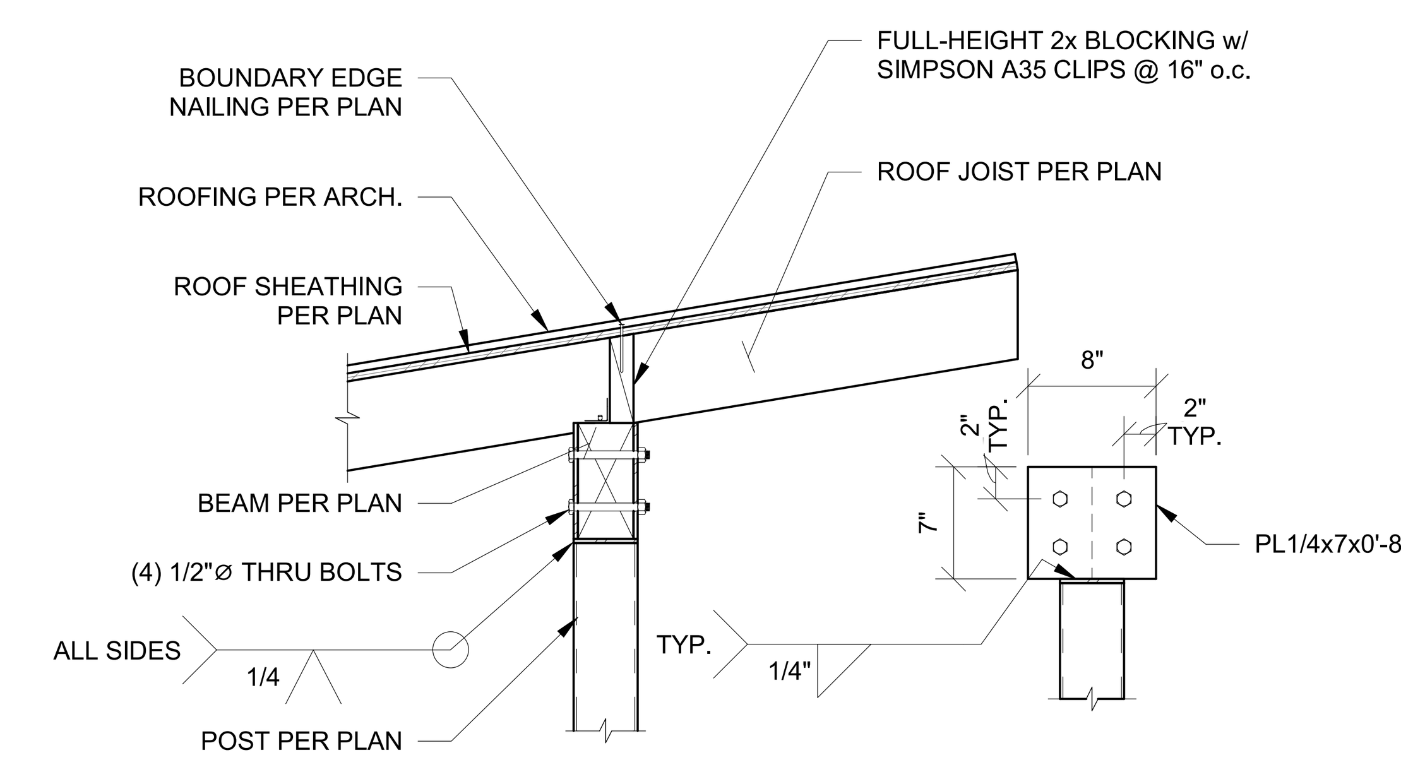
2
S2.1
FRAMING PLAN - FRONT ELEVATION
1/2" = 1'-0"



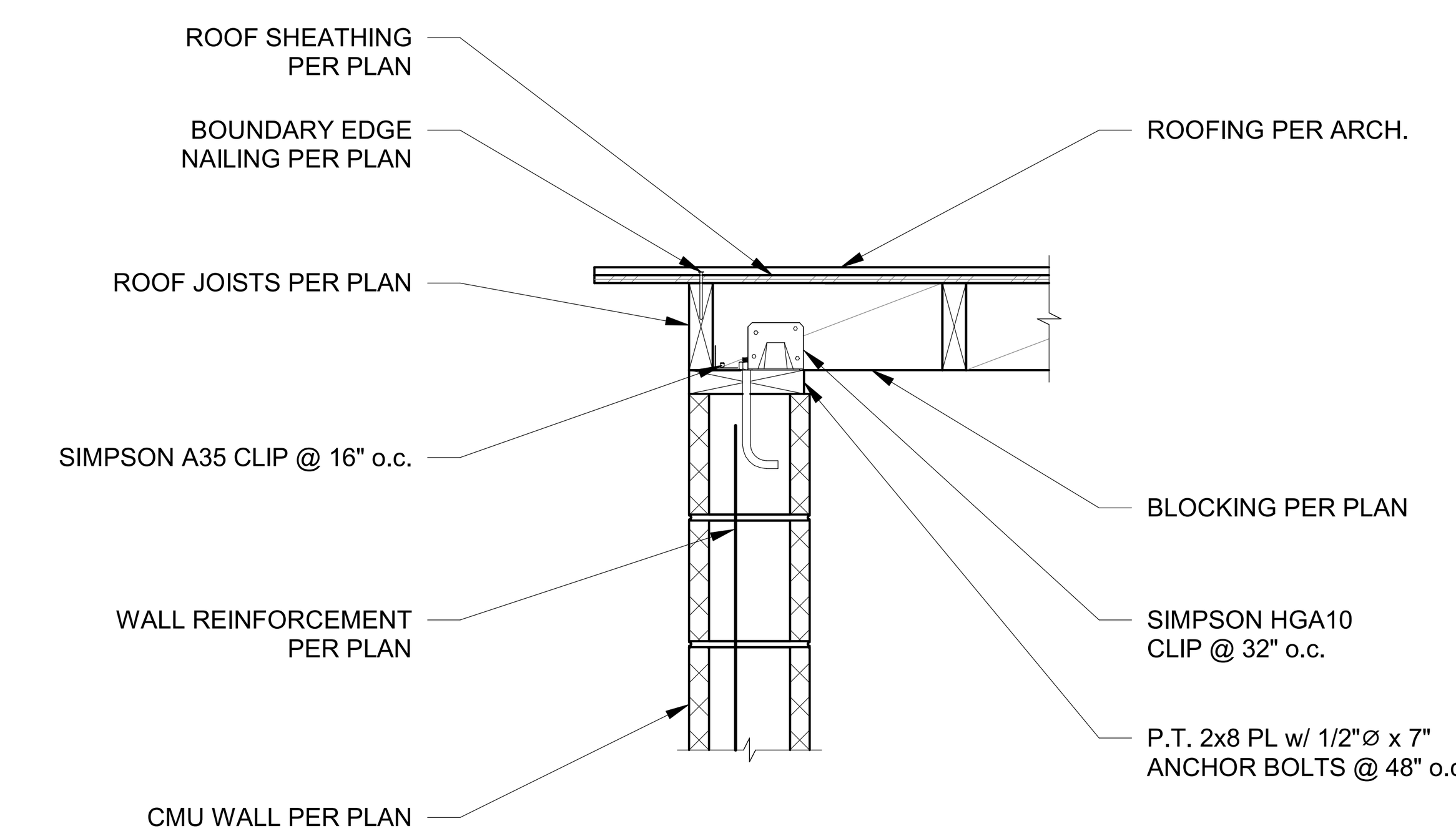
3
S2.1
WALL TO ROOF CONNECTION - PERPENDICULAR
1" = 1'-0"



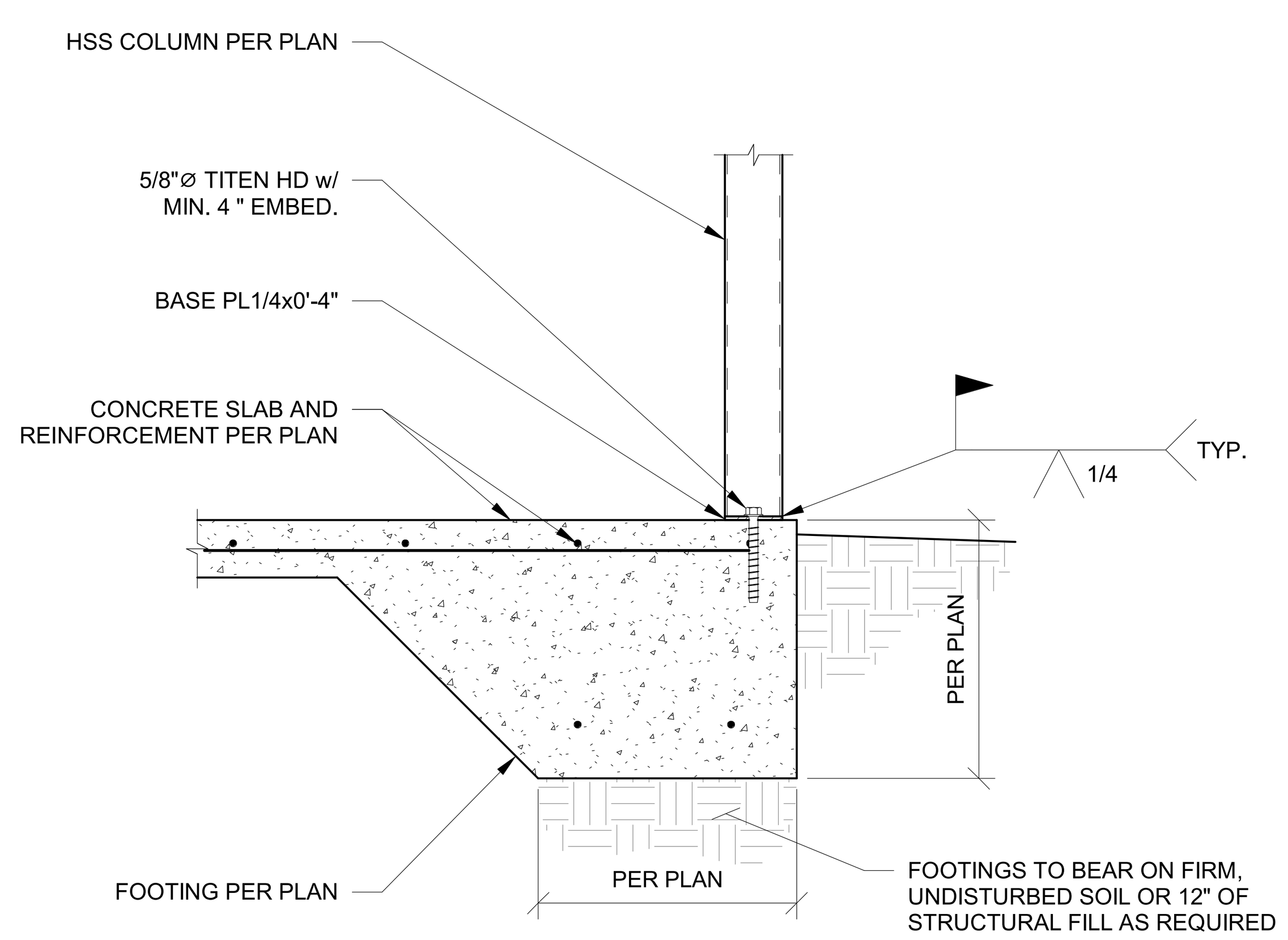
4
S2.1
WALL TO FOUNDATION CONNECTION
1" = 1'-0"



5
S2.1
HSS COLUMN TO ROOF CONNECTION
1" = 1'-0"



6
S2.1
WALL TO ROOF CONNECTION - PARALLEL
1" = 1'-0"



7
S2.1
HSS TO FOUNDATION CONNECTION
1" = 1'-0"

ONE INCH EQUALS FULL SCALE 5/19/2023 2:23:50 PM BIM 360://P2821.Seaside Softball.21/P2821_STRUCT DUGOUT_R21 .rvt

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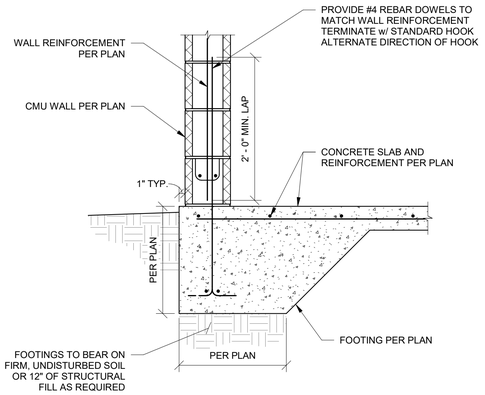
DUGOUT
STRUCTURAL
DETAILS

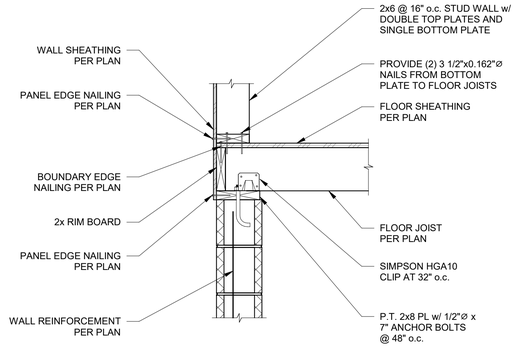
S2.1

PERMIT SUBMITTAL

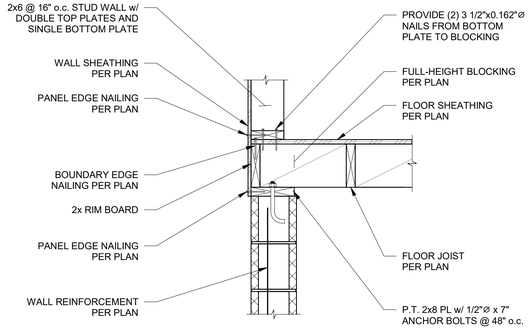


1 S2.2 WALL TO FOUNDATION CONNECTION
1" = 1'-0"

2 S2.2 NOT USED
1" = 1'-0"

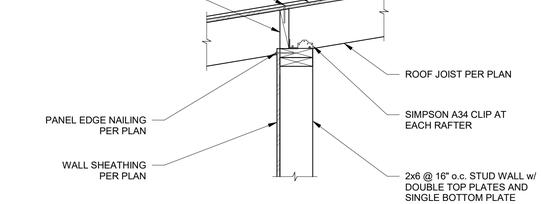


3 S2.2 FLOOR FRAMING PERPENDICULAR TO WALL
1" = 1'-0"

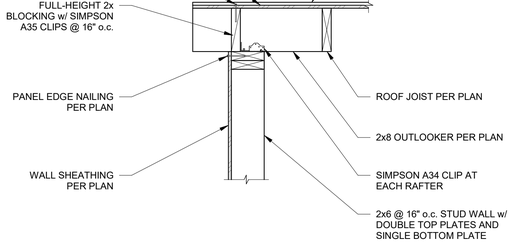


4 S2.2 FLOOR FRAMING PARALLEL TO WALL
1" = 1'-0"

5 S2.2 NOT USED
1" = 1'-0"



6 S2.2 ROOF FRAMING PERPENDICULAR TO WALL
1" = 1'-0"



7 S2.2 ROOF FRAMING PARALLEL TO WALL
1" = 1'-0"

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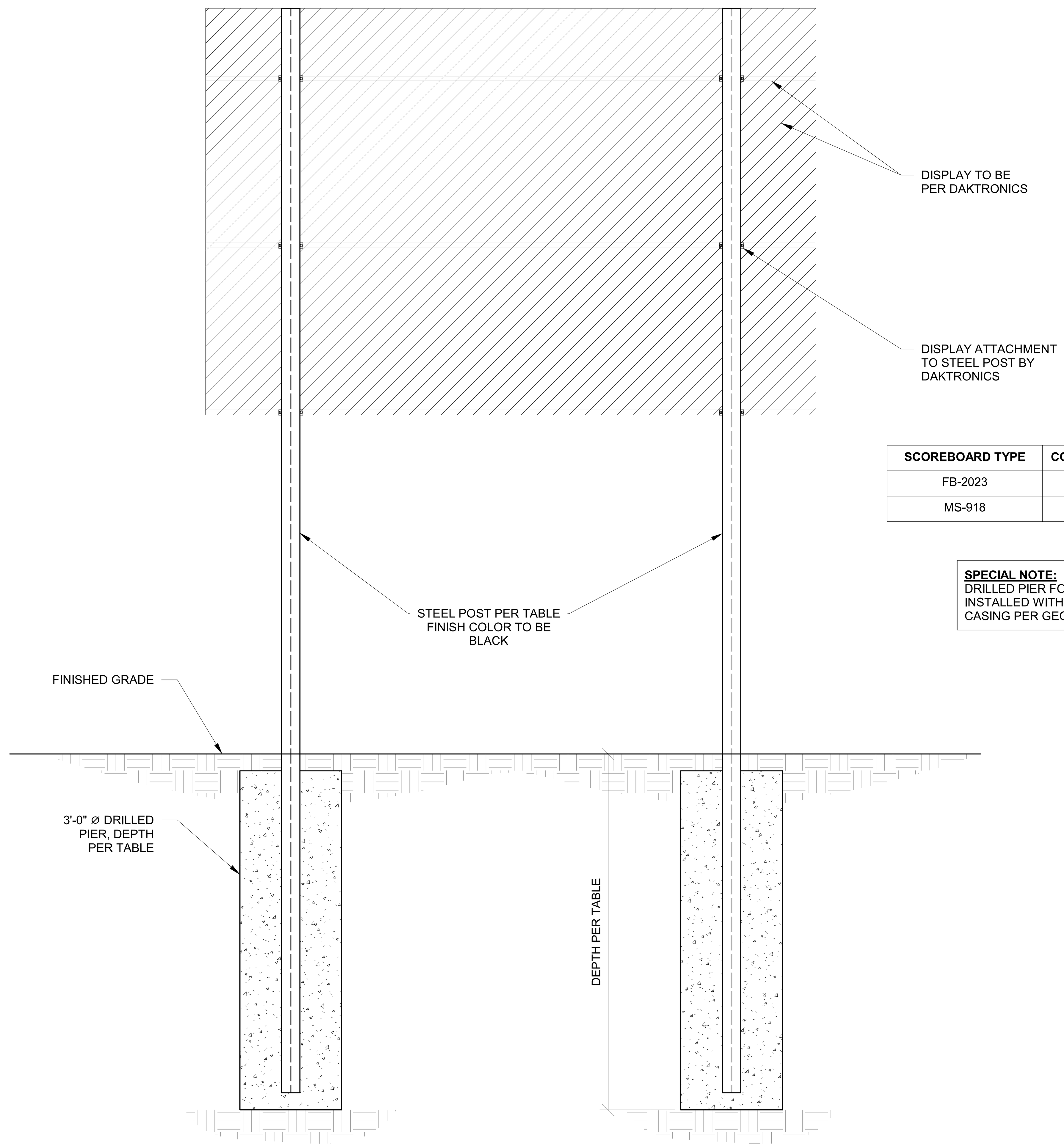
CROWS NEST STRUCTURAL DETAILS

S2.2

PERMIT SUBMITTAL

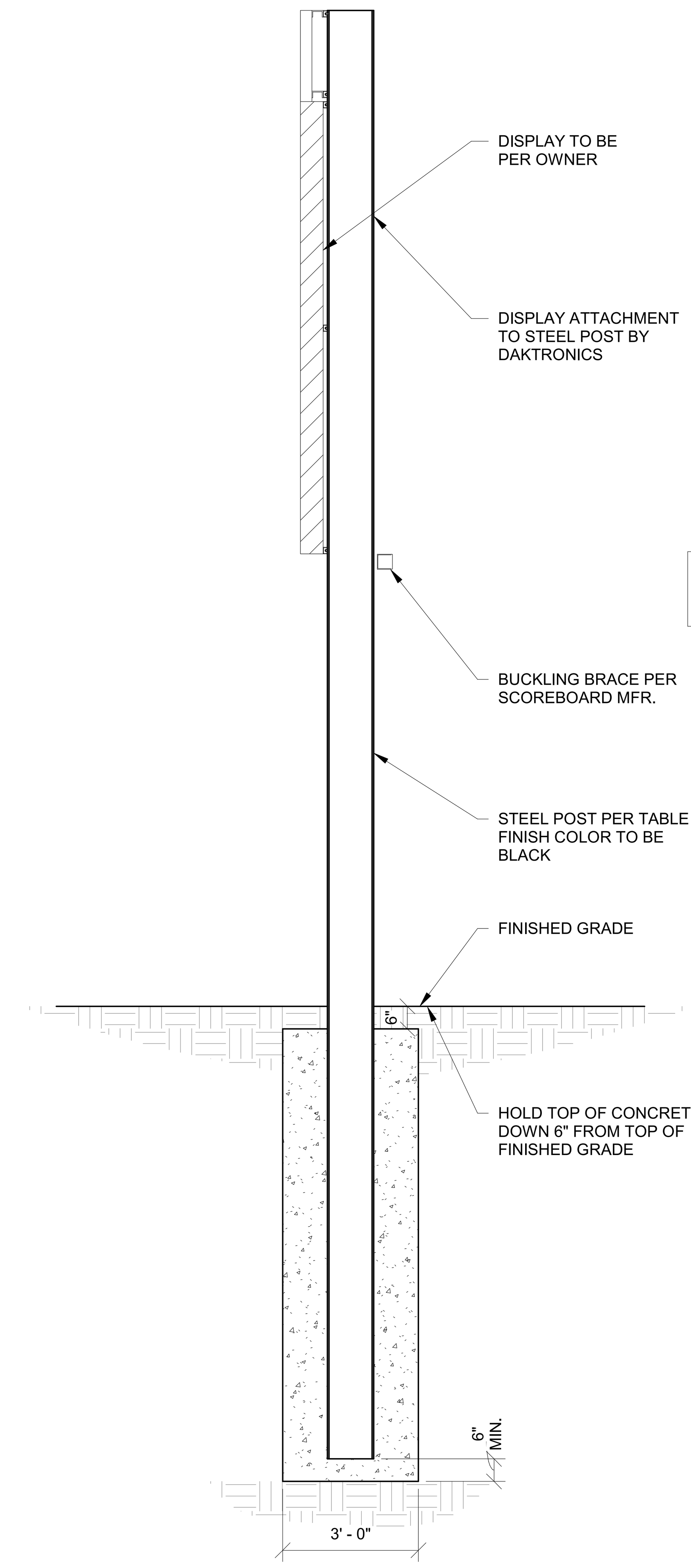
BIM 360://P2821.Seaside Softball 21/P2821_STRUCT CROWS NEST_R21.rvt
5/19/2023 2:22:49 PM
ONE INCH EQUALS FULL SCALE



SCOREBOARD TYPE	COLUMN SIZE	FOOTING DEPTH
FB-2023	W12x30	8'-0"
MS-918	W6x20	6'-0"

SPECIAL NOTE:
DRILLED PIER FOOTINGS SHOULD BE INSTALLED WITH TEMPORARY STEEL CASING PER GEOTECH REPORT

1 / S2.3 SIGN REAR SECTION
3/8" = 1'-0"



SPECIAL NOTE:
ALL DISPLAY ATTACHMENTS TO STEEL POST TO BE BY DAKTRONICS.

2 / S2.3 SIGN SIDE SECTION
3/8" = 1'-0"

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SCOREBOARD SECTIONS

S2.3

PERMIT SUBMITTAL

MECHANICAL - DEMOLITION NOTES:

1. MECHANICAL DEMOLITION DRAWINGS SHOWING EXISTING CONDITIONS HAVE BEEN PREPARED BASED ON NON-DESTRUCTIVE SITE OBSERVATIONS AND AS-BUILT DOCUMENTS PROVIDED BY THE OWNER. CONTRACTOR TO FIELD VERIFY EXISTING SYSTEMS PRIOR TO BEGINNING WORK. NOTIFY ARCHITECT/ENGINEER IF EXISTING CONDITIONS ARE MATERIALLY DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS.

2. BE FAMILIAR WITH EXISTING MECHANICAL SYSTEMS THAT WILL BE AFFECTED BY THE DEMOLITION WORK. OBTAIN PERMISSION FROM THE OWNER'S REPRESENTATIVE TO SHUT OFF SERVICES OR SYSTEMS THAT AFFECT AREAS BEYOND THE LIMITES OF THE IMMEDIATE DEMOLITION AREA. INFORM THE OWNER'S REPRESENTATIVE OF THE REASON FOR AND DURATION OF THE SHUTDOWN. MINIMIZE IMPACT TO OTHER AREAS. PROCEED WITH THE SHUTDOWN AFTER PERMISSION FROM THE OWNER IS GRANTED.

3. REMOVE DUCTWORK, PIPING, HANGERS, GRILLES, REGISTERS, DIFFUSERS, ETC. THAT ARE INDICATED TO BE REMOVED. PERFORM WORK IN A TIMELY MANNER AND IN ACCORDANCE WITH THE GENERAL DEMOLITION SPECIFICATIONS. COORDINATE WITH THE OWNER AND OTHER CONTRACTORS.

4. UNLESS EQUIPMENT TO BE REMOVED IS NOTED AS OWNER'S SALVAGE, DISPOSE OF EQUIPMENT AND/OR MATERIALS TO BE REMOVED PROMPTLY.

5. REMOVE ALL ABONDONED PIPING AND DUCTWORK THAT IS EXPOSED OR ACCESSIBLE WITHOUT WALL OR CEILING DEMOLITION. REFER TO ARCHITECTURAL PLANS FOR CEILINGS TO BE REMOVED.

HVAC - GENERAL NOTES:

1. COORDINATE HVAC WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN AFTER COORDINATION WITH ALL TRADES ASSOCIATED WITH PROJECT SCOPE. COORDINATE MECHANICAL SYSTEMS INSTALLATION WITH BUILDING STUCTURE, ARCHITECTURAL ASSEMBLIES, SHEET METAL, PIPING SYSTEMS, LIGHTING FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK ASSOCIATED WITH FAILURE TO COORDINATE.

2. PROVIDE A COMPLETE HVAC SYSTEM INCLUDING SUPPLY, RETURN, EXHAUST, AND VENTILATION DUCTWORK; MECHANICAL EQUIPMENT, SUPPORTS, HANGERS, DIFFUSERS, GRILLES, REGISTERS AND ALL APPURTENANCES. INSTALL ALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. SIZING AND INSTALLATION OF HVAC SYSTEMS TO MEET ALL STATE AND LOCAL CODES AND PROJECT REQUIREMENTS.

3. DRAWING PLANS, SCHEMATICS AND DIAGRAMS INDICATE GENERAL LOCATION AND ARRANGEMENT OF HVAC SYSTEM AND COMPONTENTS. INDICATED HVAC APPURTENANCE LOCATIONS, CONFIGURATIONS AND ARRANGEMENTS WERE USED FOR SYSTEM SIZING, CALCULATING FRICTION LOSS AND FOR OTHER DESIGN CONSIDERATIONS. INSTALL HVAC SYSTEMS AS INDICATED UNLESS DEVIATIONS TO LAYOUT ARE APPROVED BY ARCHITECT/ENGINEER.

MECHANICAL ABBREVIATIONS

ABSORP	ABSORPTION	FCO	FLOOR CLEAN OUT
ACU	AIR CONDITIONING UNIT	FCU	FAN COIL UNIT
AD	ACCESS DOOR OR AREA DRAIN	FD	FLOOR DRAIN
AFF	ABOVE FINISHED FLOOR	FDC	FIRE DEPRARTMENT CONNECTION
AFG	ABOVE FINISHED GRADE	FLEX	FLEXIBLE
AHU	AIR HANDLING UNIT	FLR	FLOOR DRAIN
AV	AIR VENT	FPM	FEET PER MINUTE
BOP	BOTTOM OF PIPE	FPS	FEET PER SECOND
BOT	BOTTOM	FS	FLOOR SINK
BTU	BRITISH THERMAL UNIT	FSEC	FOOD SERVICE EQUIP. CONSULT.
BTUH	BUT PER HOUR	FT	FINTUBE
BV	BALL VALVE	FTG	FOOTING
CA	COMPRESSED AIR	GA	GAGE
CB	CATCH BASIN	GAL	GALLON
CENT	CENTRIFUGAL	GALV	GALVANAIZED
CFM	CUBIC FEET PER MINUTE	GC	GENERAL CONTRACTOR
CI	CAST IRON	GPH	GALLONS PER HOUR
CL	CENTER LINE	GPM	GALLONS PER MINUTE
CO	CLEAN OUT	GW	GREASE WASTE
CONC	CONCRETE	HB	HOSE BIBB
COND	CONDENSATE	HR	HOUR
CONTR	CONTRACTOR	HTG	HEATING
CP	CONDENSATE PUMP	IMB	ICE MAKER BOX
CP	CIRCULATION PUMP	ISP	INTERNAL STATIC PRESSURE
CU	COPPER	JR	JANITOR RECEPTOR
CUH	CABINET UNIT HEATER	L	LAVATORY
CWP	CIRCULATING WATER PUMP	LDBT	LEAVING DRY BULB TEMP.
DDC	DIRECT DIGITAL CONTROLS	LWBT	LEAVING WET BULB TEMP.
DN	DOWN	LWT	LEAVING WATER TEMPERATURE
DR	DRAIN	MB	MOP BASIN
DS	DOWNSPOUT	MBH	1000 BTUH
DWV	DRAIN, WASTE & VENT	MC	MECHANICAL CONTRACTOR
EA	EXHAUST AIR	MECH	MECHANICAL
EAT	EXHAUST AIR TEMPERATURE	MH	MANHOLE
EC	ELECTRICAL CONTRACTOR	NTS	NOT TO SCALE
EDBT	ENTERING DRY BULB TEMP.	OA	OUTSIDE AIR
EEW	EMERGENCY EYE WASH	OD	OVERFLOW DRAIN
EF	EXHAUST FAN	PC	PLUMBING CONTRACTOR
EJ	EXPANSION JOINT	PRV	PRESSURE REDUCING VALVE
EQUIP	EQUIPMENT	PRV	POWER ROOF VENTILATOR
ESE	EMERGENCY SHOWER/EYEWASH	PSI	POUNDS PER SQUARE INCH
EST	EXTERNAL STATIC PRESSURE	PV	PRESSURE VENT
EWBT	ENTERING WET BULB TEMP.	PVC	POLYVINYL CHLORIDE
EWC	ELECTRIC WATER COOLER	RA	RETURN AIR
EWT	ENTERING WATER TEMPERATURE	RD	ROOF DRAIN
EX	EXISTING	RH	RELATIVE HUMIDITY
EXH	EXHAUST	RTU	ROOF TOP UNIT
EXP	EXPANSION	RV	RELIEF VALVE
FAI	FRESH AIR INTAKE	RVT	ROOF VENT TERMINATION

MECHANICAL - GENERAL NOTES:

1. COORDINATE MECHANICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN AFTER COORDINATION WITH ALL TRADES ASSOCIATED WITH PROJECT SCOPE. COORDINATE MECHANICAL SYSTEMS INSTALLATION WITH BUILDING STUCTURE, ARCHITECTURAL ASSEMBLIES, SHEET METAL, PIPING SYSTEMS, LIGHTING FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK ASSOCIATED WITH FAILURE TO COORDINATE.

2. INCORPORATE MECHANICAL DRAWINGS, SPECIFICATIONS, STATE AND LOCAL CODES, AND PROJECT STANDARDS INTO WORK.

3. WARNING - CALL 48 HOURS BEFORE YOU DIG: LAW REQUIRES ANYONE DOING ANY EXCAVATION, FENCING, PLANTING OR DRILLING TO CALL 48 HOURS IN ADVANCE. HAND DIG WITHIN 18 INCHES OF ANY LOCATE MARK OR FLAG. CALL 811.

4. REFER TO ARCHITECTURAL SPECIFICATIONS FOR THROUGH-PENETRATION FIRESTOPPING AND TO ARCHITUCTERUAL CODE PLAN FOR FIRE RATED WALLS, FLOORS AND CEILINGS. EACH TRADE IS RESPONSIBLE TO FIRESTOP PENETRATIONS THROUGH RATED ASSEMBLIES.

5. EACH TRADE IS RESPONSIBLE FOR MAKING PENETRATIONS WHERE REQUIRED IN EXISTING WALLS, FLOORS, CEILINGS AND ROOFS. MAKE PENETRATIONS NEAT. PATCH, CONCEAL OR CAULK ALL OVERCUT TO PREVENT NOISE TRANSFER BETWEEN SPACES. COVER EXPOSED WALL PENETRATIONS WITH ESCUTCHEONS OR SHEET METAL AS APPROPRIATE.

6. CREATE OPENINGS IN BUILDING AS REQUIRED TO REMOVE EXISTING BUILDING COMPONENTS AND BRING IN NEW EQUIPMENT. PATCH ALL OPENINGS CREATED. FINISHED PATCH TO MATCH EXISTING CONDITIONS. INCLUDE THIS WORK IN BID.

PLUMBING - GENERAL NOTES:

1. COORDINATE PLUMBING WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN AFTER COORDINATION WITH ALL TRADES ASSOCIATED WITH PROJECT SCOPE. COORDINATE PLUMBING SYSTEMS INSTALLATION WITH BUILDING STUCTURE, ARCHITECTURAL ASSEMBLIES, SHEET METAL, DUCTWORK, LIGHTING FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK ASSOCIATED WITH FAILURE TO COORDINATE.

2. PROVIDE A COMPLETE PLUMBING SYSTEM INCLUDING PIPE, INSULATION, HANGERS, SUPPORTS, EQUIPMENT, WATER HEATERS, FIXTURES, MIXING VALVES, VALVES, ACCESSORIES AND SPECIALTIES. INSTALL ALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. SIZING AND INSTALLATION OF PLUMBING SYSTEMS TO COMPLY WITH ALL STATE AND LOCAL CODES AND PROJECT REQUIRMENTS.

3. DRAWING PLANS, SCHEMATIC AND DIAGRAMS INDICATE GENERAL LOCATION AND ARRANGEMENT OF PLUMBING SYSTEM.

4. EXISTING PLUMBING PIPING AND EQUIPMENT SHOWN ARE BASED ON NON-DESTRUCTIVE SITE OBSERVATION AND AS-BUILT DOCUMENTS PROVIDED BY THE OWNER. FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING LOCATION OF ALL PIPING CONCEALED IN BUILDING ASSEMBLIES WHERE WORK IS REQUIRED.

5. SEAL ALL WALL PIPE PENETRATIONS. PROVIDE THROUGH-PENETRATION FIRE STOPPING WHERE REQUIRED. REFER TO ARCHITEXCTURAL DRAWINGS FOR WALL, FLOOR AND CEILING ASSEMBLY RATINGS.

6. CONTINUE PIPE INSULATION UKBROKEN THROUGH WALL, FLOOR AND CEILING PENETRATIONS. SEAL AROUND PIPE INSULATION AT PENETRATIONS.

7. VERIFY WITH ENGINEER ANY FIXTURES NOT TAGGED OR PIPED PRIOR TO ANY WORK. UNLESS SPECIFICALLY NOTED AS EXCLUDED FROM SCOPE CONTRACTOR IS RESPONSIBLE FOR ALL PLUMBING FIXTURES SHOWN ON ARCHITECTURAL DRAWINGS; TAGGED OR NOT TAGGED ON PLUMBING / MECHANICAL DRAWINGS.

GENERAL SYMBOLS:

- EXISTING LINEWORK TO BE SHOWN AS "HALFTONE"
- NEW LINEWORK TO BE SHOWN AS BOLD AND BLACK
- DEMOLITION LINEWORK TO BE SHOWN AS BOLD DASHED AND BLACK
- HIDDEN LINEWORK TO BE SHOWN AS THIN DASHED AND BLACK
- NEW POINT OF CONNECTION
- POINT OF DISCONNECT
- KEYNOTE (#)
- EQUIPMENT IDENTIFICATION (XXX / #)
- DETAIL (1 / A101 SIM)
- SECTION (1 / A101 SIM)
- ELEVATION (1 Ref / A101 / ←Ref / →Ref / 1 Ref)

PIPING LEGEND - PLUMBING

DCW	——— – ——— – ———	DOMESTIC COLD WATER
DHW	——— – – ———	DOMESTIC HOT WATER
DHWR	——— – – – ———	DOMESTIC HOT WATER RETURN
SAN	———	SANITARY
V	—— —— —— —— —— ——	VENT

PLUMBING AND PIPING SYMBOLS

SINGLE LINE		DOUBLE LINE
	90° ELBOW	
	90° ELBOW - SHORT SWEEP	
	90° ELBOW - LONG SWEEP	
	90° ELBOW - OUTLET DOWN	
	90° ELBOW - OUTLET UP	
	45° ELBOW	
	22° ELBOW	
	TEE	
	TEE - SANITARY	
	TEE - OUTLET DOWN	
	TEE - OUTLET UP	
	WYE	
	COMBINATION WYE & 1/8 BEND	
	DOUBLE COMBO	
	COUPLING	
	CAP	
	REDUCER	
	BALL VALVE	

NOTE: ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT

CONTACT 811 BEFORE YOU DIG:

UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN SHOWN BASED UPON INFORMATION OBTAINED FROM FIELD LOCATIONS BY UTILITY COMPANIES, AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS ALSO POSSIBLE THAT THERE MAY BE OTHER UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES IN EXISTENCE THAT ARE NOT SHOWN. IT IS THE RESPONSIBILITY OF EACH INDIVIDUAL PARTY REFERENCING THIS PLAN TO DETERMINE THE EXACT LOCATION AND TYPE OF UNDERGROUND FACILITIES ON THE SITE. HAND EXCAVATE AT CRITICAL POINTS AS NECESSARY TO VERIFY LOCATIONS, SIZES, ELEVATIONS, FLOW LINES, ETC. IF A PROBLEM OR INTERFERENCE EXISTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING.

Oregon 811 UTILITY NOTIFICATION CENTER

ZCS ENGINEERING ARCHITECTURE
524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST.
SEASIDE, OR 97138

BROADWAY FIELD RENOVATION

KCL ENGINEERING
199 E. 5th Ave,
Suite 35
Eugene, OR 97401
503-212-4612

REGISTERED PROFESSIONAL ENGINEER — CHARLES WHITE — 8864 — OREGON — MAR. 8, 2022
EXPIRES: 6/30/2024

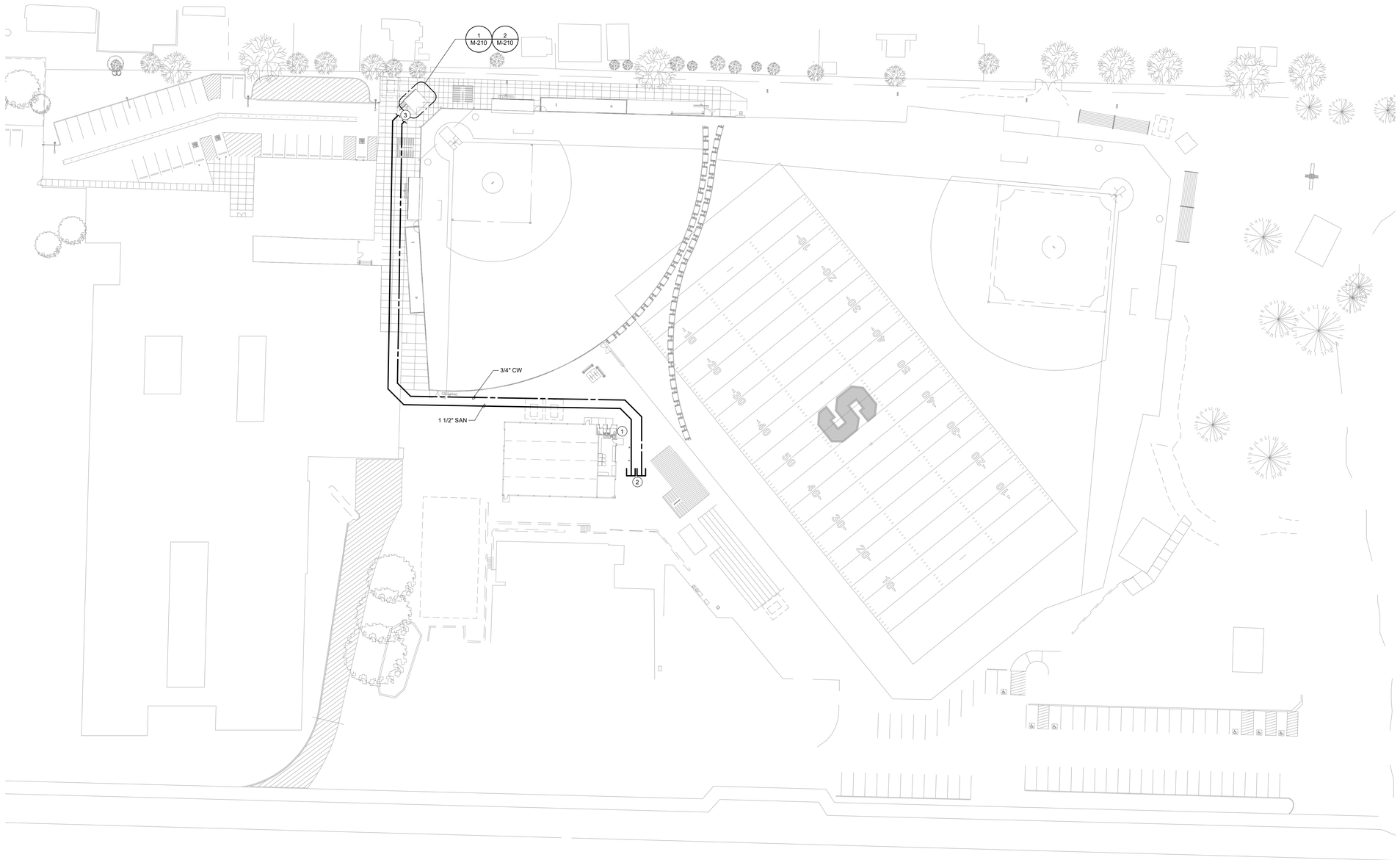
△REVISION ID:	DATE:

PROJECT NO.	22264.00
DRAWN:	GWC
CHECKED:	CLW
DATE:	05-19-23

MECHANICAL GENERAL NOTES & SYMBOLS

M-000

PERMIT SUBMITTAL



1 M-100 SITE PLAN - LEVEL 1 - MECHANICAL
1" = 40'-0"

ONE INCH EQUALS FULL SCALE

5/19/2023 10:56:09 AM

BIM 360://22264 - Broadway Field Seaside/22264.00-BROADWAY FIELD SEASIDE-MEP-R21.rvt

KEYNOTES (#)

1 CONTRACTOR TO LOCATE ROUTING OF EXISTING UNDERGROUND UTILITIES SERVING HERCHE BUILDING. COORDINATE DISCONNECTION AND RECONNECTION WITH SITE UTILITIES AND BUILDING MOVING CONTRACTORS.

2 INSTALL 1 1/2" SANITARY PRESSURE PIPE AND 3/4" COLD WATER LINE TO CROW'S NEST FOR FUTURE SINK. CAP LINES FOR FUTURE CONNECTION TO HERCHE BUILDING UTILITIES.

3 LEAVE SANITARY PIPING CAPPED AND IN CONFIGURATION FOR FUTURE INSTALLATION OF SMALL EJECTOR PUMP AT THIS LOCATION. SEE SHEET M-210 FOR COLD WATER CONTINUATION.

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524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

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SEASIDE, OR 97138

BROADWAY FIELD RENOVATION

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199 E. 5th Ave,
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503-212-4612

REGISTERED PROFESSIONAL ENGINEER
86864
OREGON
MAR. 8, 2022
CHARLES WHITE
EXPIRES: 6/30/2024

△REVISION ID:	DATE:

PROJECT NO.	22264.00
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SITE PLAN

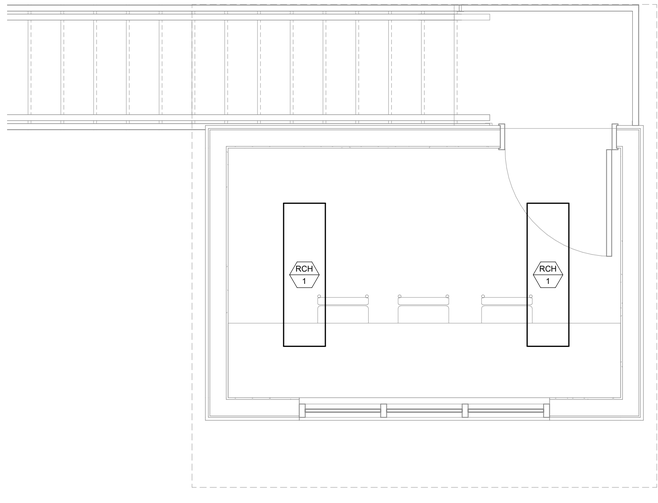
M-100

PERMIT SUBMITTAL

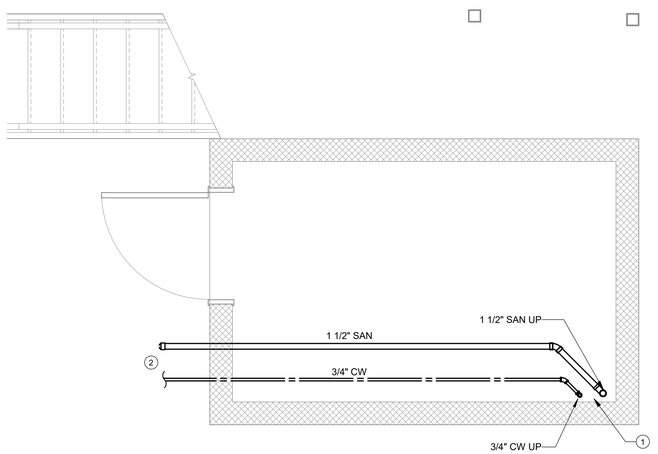
KEYNOTES (#)

1 STUB 1 1/2" SANITARY AND 3/4" COLD WATER LINES THROUGH FLOOR IN CORNER OF CROW'S NEST. PROVIDE SHUT-OFF VALVE ON CW LINE. CAP BOTH FOR FUTURE CONNECTION.

2 SANITARY AND COLD WATER LINES EXTENDING FROM UNDER CROW'S NEST.



2 M-210 CROW'S NEST - UPPER FLOOR PLAN - MECHANICAL
1/2" = 1'-0"



1 M-210 CROW'S NEST - LOWER FLOOR PLAN - MECHANICAL
1/2" = 1'-0"

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Charles White
OREGON
MAR. 8, 2022
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FLOOR PLANS - CROW'S NEST

M-210

PERMIT SUBMITTAL

ONE INCH EQUALS FULL SCALE

5/18/2023 2:46:40 PM BIM 360:///22264 - Broadway Field Seaside/22264.00-BROADWAY FIELD SEASIDE-MEP-R21.rvt

PLUMBING PIPING AND INSULATION SCHEDULE

NOTES:
1. ALL PIPING UTILIZED FOR POTABLE WATER SHALL MEET NSF 14, 61 AND 372. PUSH TO CONNECT / PUSH ON TYPE JOINTS ARE NOT ALLOWED. REFER TO SPECIFICATIONS FOR FURTHER JOINT AND MATERIAL REQUIREMENTS.
2. REFER TO SPECIFICATIONS FOR FURTHER INSULATION REQUIREMENTS. INSULATION R-VALUE SHALL MEET INTERNATIONAL ENERGY CODE [2015] REQUIREMENTS.
3. ALL VALVES UTILIZED IN POTABLE WATER SYSTEMS SHALL MEET NSF 61 AND 372. REFER TO SPECIFICATIONS FOR FURTHER VALVE REQUIREMENTS.

SYSTEM	SIZE RANGE (INCHES)	LOCATION	PIPE MATERIAL	JOINT TYPE	VALVE TYPES	INSULATION TYPE	INSULATION THICKNESS (INCHES)	JACKET	NOTES
DOMESTIC COLD WATER	1/2 - 2	BELOW GROUND	PEX	EXPANSION	BRONZE BALL W/ SS TRIM	MINERAL FIBER / ELASTOMERIC	1/2	PVC	1,2,3
DWV	1 1/2 - 4	ALL	SCH 40 PVC - SOLID CORE	SOLVENT	N/A	--	--	--	2

UNIT HEATER SCHEDULE

REFERENCE	RCH-1
MANUFACTURER	INDEECO
MODEL #	PF-1448
SERVES	CROW'S NEST
WEIGHT (LBS)	18
DIMENIONS (W x L) INCHES	14X48
TYPE	ELECTRIC
ELECTRIC COIL (W)	435
VOLTAGE - PHASE	208/240/277
AMPS	2.1/1.8/1.6
NOTES	1,2,3

NOTES:

1. PROVIDE UNIT WITH SINGLE POINT POWER CONNECTION. DISCONNECT BY ELECTRICAL CONTRACTOR.
2. PROVIDE UNIT WITH INTEGRAL THERMOSTAT.
3. UNIT TO INCLUDE ALL MOUNTING BRACKETS. HARDWARE, ETC. FOR COMPLETE INSTALL.

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MAR. 8, 2022
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△REVISION ID:	DATE:

PROJECT NO.	22264.00
DRAWN:	GWC
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DATE:	05-19-23

MECHANICAL DETAILS AND SCHEDULES

M-301

PERMIT SUBMITTAL

INSTALLATION NOTES - ELECTRICAL

1. BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BID.
2. INCREASE CONDUCTOR SIZES ON 20A 120V-1 PHASE CIRCUITS EXCEEDING 100 FEET TO CENTER OF LOAD TO ACCOUNT FOR VOLTAGE DROP.
3. RACEWAYS AND BOXES ARE SHOWN DIAGRAMMATICALLY ONLY AND INDICATE GENERAL AND APPROXIMATE LOCATIONS. LAYOUTS DO NOT ALWAYS SHOW THE TOTAL NUMBER OF RACEWAYS OR BOXES FOR THE CIRCUITS REQUIRED, NOR ARE THE LOCATIONS OF INDICATED RUNS INTENDED TO SHOW THE ACTUAL ROUTING OF THE RACEWAYS.
4. LIGHT FIXTURES, SWITCHES, DEVICES, ETC. ARE SHOWN IN PREFERRED LOCATION. MODIFY CONDUIT, HANGERS, CIRCUITING, ETC. TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
5. PROVIDE A DEDICATED GREEN INSULATED GROUND CONDUCTOR TO ALL DEVICES. DO NOT USE CONDUIT SYSTEM AS THE ONLY EQUIPMENT GROUNDING METHOD.
6. DO NOT INSTALL BOXES BACK-TO-BACK ON OPPOSITE SIDES OF THE SAME WALL. MAINTAIN MINIMUM OF 8" DISTANCE BETWEEN BOXES WHEREVER APPLICABLE.
7. BALANCE PANEL LOADS DURING INSTALLATION. CIRCUIT NUMBERING SHOWN ON PLANS MAY BE ADJUSTED TO ACCOMMODATE.
8. PROVIDE TYPED PANEL DIRECTORY AT PROJECT COMPLETION FOR NEW PANELS AND EXISTING PANELS WITH CIRCUITS MODIFIED AS A RESULT OF THIS PROJECT. USE OWNER'S CURRENT ROOM NUMBERS AND EQUIPMENT NAMES.
9. CONTRACTOR IS RESPONSIBLE FOR OPENINGS IN WALLS, FLOORS, CEILINGS, AND ROOFS THAT ARE REQUIRED TO COMPLETE THEIR SCOPE OF WORK. SEAL PENETRATIONS IN ACCORDANCE WITH THE RATING OF THE AFFECTED ASSEMBLY. REFER TO ARCHITECTURAL CODE PLAN FOR RATED WALLS, FLOORS, AND CEILINGS.

DEVICE INSTALLATION AND MATERIALS - ELECTRICAL

1. PROVIDE NORMAL WIRING DEVICES AS GRAY UNLESS OTHERWISE NOTED.
2. PROVIDE EMERGENCY WIRING DEVICES AS RED UNLESS OTHERWISE NOTED.
3. PROVIDE DEVICES COVER PLATES AS STAINLESS STEEL. MATCH WIRING DEVICES COLOR.
4. PROVIDE GFCI TYPE RECEPTACLES AT ALL LOCATIONS REQUIRED BY THE NEC.
5. INSTALL WALL MOUNTED RECEPTACLES AT +18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
6. INSTALL WALL MOUNTED LIGHT SWITCHES AT +46" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. EXCEPTION; INSTALL DEVICES ABOVE AN OBSTRUCTED HIGH FORWARD REACH OBSTACLE GREATER THEN 20 INCHES IN DEPTH AT +42".
7. INSTALL ABOVE COUNTERTOP RECEPTACLES +8" ABOVE COUNTERTOP OR AS OTHERWISE INDICATED.
8. AT A COMMON COUNTERTOP, INSTALL ALL RECEPTACLES AND SWITCHES AT THE SAME HEIGHT UNLESS OTHERWISE SPECIFICALLY INDICATED.

BUILDING EQUIPMENT COORDINATION NOTES - ELECTRICAL

1. REFER TO EQUIPMENT CONNECTION SCHEDULE FOR COORDINATION DETAILS BETWEEN MECHANICAL AND ELECTRICAL SYSTEMS.
2. PROVIDE AND INSTALL ELECTRICAL SYSTEMS UNDER THIS CONTRACT MEETING THE REQUIREMENTS OF THE SPECIFIED MECHANICAL, FIRE PROTECTION, AND PLUMBING SYSTEMS. REFERENCE THE ENTIRE PROJECT DOCUMENTS, MANUALS, SCHEDULES, DETAILS, AND NOTES.
3. PROVIDE ELECTRICAL CONNECTIONS AND ACCESSORIES INCLUDING STARTERS, DISCONNECTS, CONTROL WIRING, ETC. AS REQUIRED FOR THE BUILDING MECHANICAL EQUIPMENT. INFORMATION HEREIN AND ON THE DRAWINGS IS FOR GENERAL DESCRIPTION AND ESTIMATING PURPOSES ONLY. VERIFY VOLTAGE, AMPERAGE, PHASE, INRUSH, ETC. FOR EACH ITEM OF EQUIPMENT BEFORE PROCEEDING WITH INSTALLATION. INSTALL EQUIPMENT PER WIRING DETAILS AND INSTRUCTIONS FURNISHED BY THE SUPPLIERS OF THE EQUIPMENT TO PROVIDE PROPER OPERATION.
4. REVIEW MECHANICAL EQUIPMENT SHOP DRAWINGS FOR COMPLIANCE AND COORDINATION WITH ELECTRICAL CONNECTIONS. NOTIFY ENGINEER IF CHANGES TO ELECTRICAL CONNECTIONS, WIRING, AND BREAKER REQUIREMENTS ARE NECESSARY TO ACCOMMODATE EQUIPMENT BEING SUPPLIED.
   a. DO NOT RELEASE ELECTRICAL DISTRIBUTION EQUIPMENT UNTIL ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL INFRASTRUCTURE HAS BEEN SUBMITTED AND APPROVED. MAKE COORDINATION ADJUSTMENTS TO BREAKER SIZES AND SIMILAR CHANGES TO ELECTRICAL EQUIPMENT PRIOR TO SUBMITTAL RELEASE. COORDINATE SCHEDULING OF SHOP DRAWINGS WITH ALL TRADES.
5. PROVIDE DISCONNECTS RATED FOR EQUIPMENT AS REQUIRED AND AS INDICATED WITHIN EQUIPMENT CONNECTION SCHEDULE. COORDINATE DISCONNECT MOUNTING TO ALLOW EQUIPMENT REMOVAL WITHOUT DISCONNECT REMOVAL AND TO MINIMIZE WIRING WORK REQUIRED.
6. PROVIDE HEAVY DUTY TYPE DISCONNECTS RATED FOR THE INSTALLED ENVIRONMENT. PROVIDE MINIMUM NEMA 3R RATED DISCONNECTS FOR EXTERIOR INSTALLATIONS OR AS NOTED.
7. VERIFY LOCATIONS OF ALL EQUIPMENT. REFER TO MECHANICAL, PLUMBING, AND ARCHITECTURAL DRAWINGS AND COORDINATE WITH THE ASSOCIATED SUB-CONTRACTOR. ADJUST ELECTRICAL INSTALLATION AS REQUIRED.

INSTALLATION NOTES - SYSTEMS

1. REFER TO TECHNOLOGY SERIES SHEETS FOR ROUGH-IN REQUIREMENTS.
2. REFER TO ELECTRICAL/TECHNOLOGY SCOPE OF RESPONSIBILITY MATRIX.

GENERAL NOTES - ELECTRICAL

1. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN ONLY AFTER PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION IS COMPLETE. COORDINATE WITH BUILDING STRUCTURE, ARCHITECTURE, MECHANICAL SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, EQUIPMENT ACCESS/CLEARANCE, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK OF INSTALLED EQUIPMENT RESULTING FROM INSUFFICIENT COORDINATION.
2. ELECTRICAL DRAWINGS ARE ONLY A PORTION OF THE COMPLETE SET OF PLANS AND CONTRACT DOCUMENTS. THE ELECTRICAL SCOPE OF WORK IS DEFINED BY THE COMPLETE SET OF CONTRACT DOCUMENTS. THIS INCLUDES BUT IS NOT LIMITED TO REFERENCING: ARCHITECTURAL PLANS FOR DIMENSIONS AND DETAILS; EQUIPMENT PLANS FOR ROUGH-IN REQUIREMENTS, MECHANICAL PLANS FOR EQUIPMENT SIZES AND LOCATIONS.

CODE NOTES - ELECTRICAL

1. PROVIDE ELECTRICAL INSTALLATION IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL CODES.
2. THE CURRENT ADOPTED EDITION OF THE ELECTRICAL CODE IS THE STANDARD FOR THE ELECTRICAL INSTALLATION. VERIFY WITH LOCAL OFFICIALS WHEN PERMITS ARE OBTAINED. NOTIFY DESIGN TEAM OF ANY DISCREPANCIES BETWEEN THE PROJECT MANUAL OR DRAWINGS AND THE GOVERNING CODE.
3. INSTALLATION SHALL FOLLOW REQUIREMENTS OF THE ADAAG – AMERICANS WITH DISABILITIES ACT.
4. REFER TO PROJECT MANUAL AND PROJECT CODE REVIEW SHEET FOR LIST OF APPLICABLE CODES.

DEMOLITION AND RENOVATION NOTES - ELECTRICAL

1. ELECTRICAL DEMOLITION DRAWINGS SHOWING EXISTING CONDITIONS HAVE BEEN PREPARED BASED ON FIELD OBSERVATION AND ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CONDITIONS BEFORE WORK BEGINS. ADDITIONAL COMPONENTS MAY EXIST WHICH ARE NOT SHOWN. BECOME FAMILIAR WITH EXISTING ELECTRICAL SYSTEM WHICH WILL BE AFFECTED BY THE DEMOLITION WORK.
2. PROVIDE EQUIPMENT, LABOR, AND MATERIALS TO REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK PROVIDED UNDER THIS CONTRACT.
3. IN OCCUPIED AREAS BEYOND THE DEMOLITION SCOPE, KEEP EXISTING SYSTEMS NOT AFFECTED BY PROJECT SCOPE OPERATIONAL THROUGH THE DURATION OF THE PROJECT. OBTAIN PERMISSION FROM OWNER'S REPRESENTATIVE TO SHUT OFF SERVICES OR SYSTEMS WHICH MAY AFFECT OTHER AREAS BEYOND THE LIMITS OF THE DEMOLITION AREA. INFORM OWNER'S REPRESENTATIVE OF THE REASON FOR AND DURATION OF THE SHUTDOWN AND ENSURE THAT THE SHUTDOWN IS MADE WITH AS LITTLE INCONVENIENCE TO OTHER AREAS AS POSSIBLE.
4. REMOVE CONDUITS, BOXES, ETC., AS REQUIRED BY WALL, CEILING, AND ADJACENT COMPONENTS DEMOLITION. REMOVE EXISTING WIRE UNLESS OTHERWISE NOTED.
5. INSTALL NEW CONDUCTORS FOR NEW CIRCUITS IN REMODELED AREAS UNLESS SPECIFICALLY NOTED OTHERWISE. RETAIN EXISTING CONDUITS IN GOOD CONDITION WHERE APPROVED BY ENGINEER OR AS INDICATED.
6. IDENTIFY DISCONNECTED BRANCH CIRCUIT LOCATION OR ITEM SERVED BEFORE DISCONNECTION. UPDATE PANEL/EQUIPMENT DIRECTORY ACCORDINGLY.
7. MAINTAIN CIRCUITS SERVING AREAS BEYOND THE DEMOLITION AREA. EXTEND NEW WIRING AND BYPASS DEMOLISHED DEVICES TO MAINTAIN EXISTING CIRCUITS.
8. KEEP EXISTING SYSTEMS OPERATIONAL DURING ALL PHASES OF CONSTRUCTION. DO NOT CUT EXISTING TELECOMMUNICATION WIRING, CABLES OR CONDUIT. CONTRACTORS WHO CUT IN-SERVICE CABLES ARE RESPONSIBLE FOR ALL DOWNTIME AND COSTS TO REPAIR.
9. INSTALL BLANK COVER PLATES OVER OPENING AT REMOVED DEVICE LOCATIONS. THIS INCLUDES BUT IS NOT LIMITED TO, CLOCKS, RECEPTACLES, SWITCHES, JUNCTION BOXES, ETC.
10. PROVIDE CUTTING AND PATCHING OF EXISTING MATERIALS AS REQUIRED FOR THE PROPER COMPLETION OF THE DEMOLITION WORK AND THE INSTALLATION OF THE NEW WORK.
11. MAINTAIN FULL FUNCTIONAL AND AESTHETIC INTEGRITY OF DEVICES IDENTIFIED TO BE REMOVED AND RELOCATED, AND HANDLE WITH APPROPRIATE CARE TO ALLOW FOR REINSTALLATION. REPLACE DEVICES DAMAGED DURING DEMOLITION WITH NEW AT CONTRACTOR'S EXPENSE.
12. EQUIPMENT AND SYSTEM THAT ARE REMOVED REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. DISPOSE OF ALL MATERIALS NOT SALVAGED BY THE OWNER.
13. REMOVE AND REINSTALL CEILING TILES REQUIRED FOR THE WORK BEING DONE UNDER THIS CONTRACT. REPLACE CEILING TILES DAMAGED DURING CONSTRUCTION TO MATCH EXISTING.

SITE NOTES - ELECTRICAL

1. UTILITIES SHOWN ON ELECTRICAL SITE PLAN ARE SCHEMATIC ONLY. VERIFY ALL SITE CONDITIONS AND DIMENSIONS ON SITE PRIOR TO SUBMITTING BID AND ORDERING EQUIPMENT.
2. REPAIR ALL AFFECTED SURFACES AND RESTORE TO EXISTING CONDITIONS AT COMPLETION OF PROJECT.
3. WARNING - CALL BEFORE YOU DIG: LAW REQUIRES ANYONE DOING EXCAVATION, FENCING, PLANTING OR DRILLING TO CALL 48 HOURS IN ADVANCE. HAND DIG WITHIN 18 INCHES OF ANY LOCATE MARK OR FLAG. ONE-CALL 811.

POWER SYMBOLS

- SINGLE RECEPTACLE, WALL MOUNT +18", OR AS NOTED
- DUPLEX RECEPTACLE, CEILING MOUNT
- DUPLEX RECEPTACLE, TAMPER-RESISTANT, WALL MOUNT +18", OR AS NOTED
- SR — DUPLEX RECEPTACLE, SURFACE RACEWAY, WALL MOUNT +18", OR AS NOTED
- G — DUPLEX GFCI RECEPTACLE, TAMPER-RESISTANT, WALL MOUNT +18", OR AS NOTED
- EWC — DUPLEX RECEPTACLE, MOUNTED WITHIN WATER COOLER HOUSING, VERIFY HEIGHT. CONNECT TO GFCI, CIRCUIT BREAKER OR REMOTE WALL DEVICE.
- W — DUPLEX GFCI WEATHER RESISTANT RECEPTACLE WITH WEATHER-PROOF IN-USE COVER, TAMPER-RESISTANT, WALL MOUNT +24", OR AS NOTED
- QUADRAPLEX RECEPTACLE, TAMPER-RESISTANT, WALL MOUNT +18", OR AS NOTED
- QUADRAPLEX GFCI RECEPTACLE, TAMPER-RESISTANT, WALL MOUNT +18", OR AS NOTED
- FB# — DUPLEX RECEPTACLE IN FLOORBOX, TAMPER-RESISTANT. REFER TO SCHEDULE.
- FB# — QUADRUPLEX RECEPTACLE IN FLOORBOX, TAMPER-RESISTANT. REFER TO SCHEDULE.
- FB# 1 — FLOOR BOX, COMBINATION POWER AND DATA ENCLOSURE. QUANTITY OF CABLES AS NOTED. DEVICES AS NOTED. REFER TO SCHEDULE.
- SPECIAL RECEPTACLE, WALL MOUNT +18", OR AS NOTED, REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR RECEPTACLE TYPE
- SPECIAL RECEPTACLE, CEILING MOUNT, REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR RECEPTACLE TYPE
- EQUIPMENT CONNECTION, REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR CONNECTION TYPE
- EQUIPMENT CONNECTION, WALL MOUNT +18", OR AS NOTED, REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR CONNECTION TYPE
- G — BLANK FACE GFCI DEVICE, WALL MOUNT +48", OR AS NOTED
- MOTORIZED DOOR OPERATOR CONTROL STATION, WALL MOUNT, +48", OR AS NOTED
- DOOR PUSH BUTTON (WEATHERPROOF), +48" OR AS NOTED
- GE — GYM EQUIPMENT CONTROLLER, WALL MOUNT +48", OR AS NOTED
- H — IN GROUND, HANDHOLE OR PULL BOX
- JUNCTION BOX, WITH PULL STRING, WALL MOUNT, REFER TO PLAN OR DETAIL FOR MOUNTING HEIGHT
- HAND DRYER, WALL MOUNT, REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT
- GROUND BAR
- T — UTILITY TRANSFORMER
- M — UTILITY METER
- SPD — SURGE PROTECTIVE DEVICE
- PP — POWER POLE RACEWAY
- SAFETY DISCONNECT SWITCH
- VFD
- VFD WITH INTEGRAL DISCONNECT
- EMERGENCY PUSH BUTTON
- PLUG STRIP, SURFACE MOUNTED. ELEVATION AS NOTED.
- PANELBOARD - SURFACE MOUNTED
- PANELBOARD - RECESSED IN WALL
- DISTRIBUTION PANELBOARD/SWITCHBOARD - SURFACE MOUNTED AS NOTED.
- CORD REEL, CEILING MOUNTED - REFER TO DETAIL
- GEN — GENERATOR
- GROUND RING

GENERAL SYMBOLS

- CONDUIT SLEEVE
- CONDUIT UP, REFER TO TAG ON DRAWING FOR SIZE
- CONDUIT DOWN, REFER TO TAG ON DRAWING FOR SIZE
- J — JUNCTION BOX, CEILING OR FLOOR MOUNTED.
- J — JUNCTION BOX, WALL MOUNTED, ELEVATION AS NOTED.
- CIRCUIT HOMERUN, CONCEALED CONDUIT OR CABLE
- CIRCUIT HOMERUN, UNDER FLOOR CONDUIT OR CABLE
- # — KITCHEN EQUIPMENT TAG NUMBER, REFER TO KITCHEN EQUIPMENT CONNECTION SCHEDULE
- # — KEYNOTE
- XXX / X — EQUIPMENT IDENTIFICATION TAG. REFER TO EQUIPMENT CONNECTION SCHEDULE
- 1 / A101 SIM — DETAIL DRAWING REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE / SHEET REFERENCE
- 1 / A101 SIM — SECTION CUT REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE / SHEET REFERENCE
- A101 Ref 1 — INTERIOR ELEVATION DRAWING REFERENCE TAG

ELECTRICAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	NM	NONMETALLIC
ATS	AUTOMATIC TRANSFER SWITCH	NTS	NOT TO SCALE
C	CEILING	OC	ON CENTER
CB	CIRCUIT BREAKER	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CT	CURRENT TRANSFORMER		
(D)	EXISTING ITEM TO BE REMOVED	OFOI	OWNER FURNISHED, OWNER INSTALLED
(E)	EXISTING ITEM TO REMAIN		
EC	ELECTRICAL CONTRACTOR	RE	EXISTING ITEM TO BE REMOVED AND REINSTALLED
EM	EMERGENCY LIGHT FIXTURE		
(ER)	NEW LOCATION OF EXISTING ITEM	RR	EXISTING ITEM TO BE REMOVED AND STORED FOR REINSTALLATION
(F)	ROUGH IN FOR FUTURE DEVICE		
FAAP	FIRE ALARM ANNUNCIATOR PANEL	RN	EXISTING ITEM TO BE REMOVED AND REPLACED WITH NEW
FACP	FIRE ALARM CONTROL PANEL		
FSD	FIRE SMOKE DAMPER	SCCR	SHORT CIRCUIT CURRENT RATING
G	GROUND FAULT CIRCUIT INTERRUPTER	T	TAMPER PROOF DEVICE
GND	GROUND	TCC	TEMPERATURE CONTROL CONTRACTOR
KVA	KILO-VOLT-AMPERES	TV	TELEVISION
KW	KILOWATTS	TYP	TYPICAL
MC	MECHANICAL CONTRACTOR	UPS	UNINTERRUPTIBLE POWER SUPPLY
MCB	MAIN CIRCUIT BREAKER	V	VOLTS
MDP	MAIN DISTRIBUTION PANEL	VA	VOLT-AMPERES
MLO	MAIN LUGS ONLY	WG	WIREGUARD COVER
(N)	NEW DEVICE IN EXISTING LOCATION	WP	WEATHERPROOF DEVICE
NIC	NOT IN CONTRACT	WR	WEATHER RESISTANT DEVICE
		+24"	INDICATES MOUNTING HEIGHT CENTER LINE OF DEVICE TO FINISHED FLOOR

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OREGON
MAY 10, 2022
CODY ARTHUR COWDIN
EXPIRES: 12/31/2023

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ELECTRICAL GENERAL NOTES & SYMBOLS

E-000

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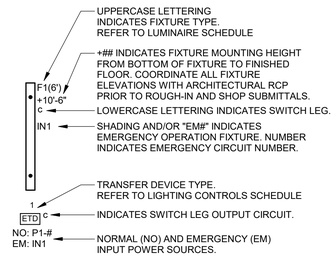
LIGHTING SYMBOLS

- RECESSED LIGHT FIXTURE, LETTER INDICATES SWITCH LEG (TYPICAL), SHADING INDICATES EMERGENCY LIGHT (TYPICAL) — a
- ROUND LIGHT FIXTURE - SURFACE MOUNTED
- SQUARE LIGHT FIXTURE - SURFACE MOUNTED
- PENDANT MOUNTED LIGHT FIXTURE
- ROUND APERTURE RECESSED DOWNLIGHT FIXTURE, ARROW INDICATES WALLWASH
- SQUARE APERTURE RECESSED DOWNLIGHT FIXTURE, ARROW INDICATES WALLWASH
- SURFACE MOUNTED STRIP FIXTURE
- LINEAR PENDANT MOUNTED FIXTURE
- INDUSTRIAL STRIP LIGHT FIXTURE
- WALL MOUNTED STRIP LIGHT FIXTURE.
- COVE LIGHT FIXTURE
- CONTINUOUS WALL MOUNTED FIXTURE.
- TRACK LIGHTING, ELEVATION AS NOTED.
- EMERGENCY LIGHT FIXTURE, WALL MOUNT, +96" OR AS NOTED
- EMERGENCY LIGHT FIXTURE, CEILING MOUNT
- EXIT SIGN, WALL MOUNT +96", SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
- EXIT SIGN, CEILING MOUNT, SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
- COMBINATION EXIT SIGN & EMERGENCY LIGHT, WALL MOUNT +96", SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
- COMBINATION EXIT SIGN & EMERGENCY LIGHT, CEILING MOUNT, SHADED AREAS INDICATE NUMBER OF FACES, ARROWS INDICATE SIGN ARROWS
- EXTERIOR LIGHT FIXTURE, WALL MOUNT +10', OR AS NOTED
- INTERIOR LIGHT FIXTURE, WALL MOUNT
- EXTERIOR POLE MOUNTED LIGHT FIXTURE, REFER TO LIGHT FIXTURE SCHEDULE
- SPORTS LIGHT POLE
- EXTERIOR FLOOD LIGHT FIXTURE, REFER TO LIGHT FIXTURE SCHEDULE
- EMERGENCY REMOTE HEAD LIGHT FIXTURE, REFER TO LIGHT FIXTURE SCHEDULE
- CEILING FAN
- $ a — SINGLE POLE SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG
- $3 b — THREE WAY SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG
- $P c — PILOT LIGHT SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG
- $D d — DIMMER SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG
- S1 e — LIGHTING CONTROLS LOW VOLTAGE SWITCH, WALL MOUNT +48", OR AS NOTED, LETTER INDICATES SWITCH LEG, REFER TO LIGHTING CONTROLS SCHEDULE
- 1 c — OCCUPANCY SENSOR, WALL MOUNT +48" OR AS NOTED, NUMBER INDICATES TYPE, LETTER INDICATES SWITCH LEG, REFER TO LIGHTING CONTROLS SCHEDULE
- 2 a — OCCUPANCY SENSOR, CEILING MOUNT, NUMBER INDICATES TYPE, LETTER INDICATES SWITCH LEG, REFER TO LIGHTING CONTROLS SCHEDULE
- 2 — DAYLIGHTING SENSOR, CEILING MOUNT, NUMBER INDICATES TYPE, LETTER INDICATES SWITCH LEG, REFER TO LIGHTING CONTROLS SCHEDULE
- LIGHTING CONNECTION, REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE DESCRIPTION
- ETD — EMERGENCY TRANSFER DEVICE
- LC — LIGHTING CONTACTOR
- R — RELAY
- PC — PHOTOCELL
- RC — ROOM/ZONE CONTROLLER, MOUNT ABOVE ACCESSIBLE CEILING

INSTALLATION NOTES - LIGHTING

1. UNLESS NOTED OTHERWISE, CONNECT ALL EMERGENCY BATTERY FIXTURES WITH AN UN-SWITCHED LEG OF THE LIGHTING CIRCUIT THAT SERVES THE FIXTURES SPACE. MAINTAIN NORMAL SWITCHING SCHEME OF EMERGENCY FIXTURES UNDER NORMAL OPERATION. INSTALL PER EMERGENCY FIXTURE OR TRANSFER DEVICE INSTRUCTIONS.
2. VERIFY CEILING TYPE (IE. GRID, GYP) WITH ARCHITECTURAL REFLECTED CEILING PLANS PRIOR TO RELEASE OF LIGHTING FIXTURE EQUIPMENT PACKAGE. ADJUST FIXTURE TYPE, CONSTRUCTION, FLANGE, OR OTHER COORDINATION DETAILS AS REQUIRED FOR CEILING TYPE.
3. LIGHTING CONTROLS SENSORS ARE SHOWN ON PLANS AT SUGGESTED LOCATIONS ONLY. VERIFY LOCATIONS WITH MANUFACTURER GUIDELINES AND INSTALLATION RECOMMENDATIONS. ADJUST LOCATIONS AS REQUIRED TO MEET MANUFACTURER GUIDELINES.
4. PROVIDE LIGHTING CONTROLS AS A COMPLETE SYSTEM AND INCLUDE MATERIAL AND INSTALLATION FOR ALL POWER PACKS, ACCESSORIES, CONTROLLERS, AND WIRING REQUIRED FOR OPERATION.

LIGHTING PLANS NOTATION KEY



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LIGHTING GENERAL NOTES AND SYMBOLS

E-001

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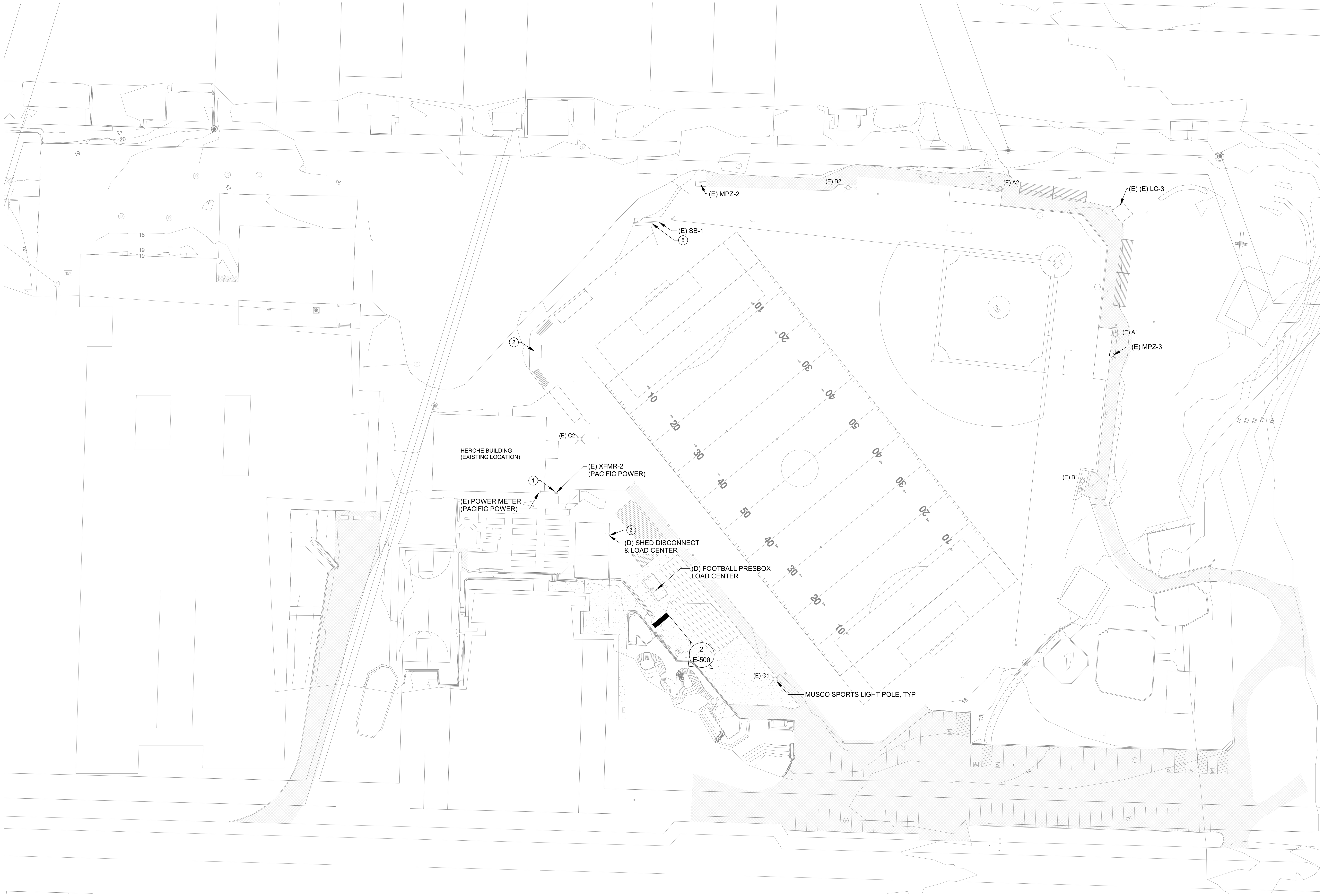
KEYNOTES (#)

1. EXISTING PADMOUNT TRANSFORMER XFMR-2 (BY PACFIC POWER) SERVES THE HERCHE BUILDING IN ITS EXISTING LOCATION. CONTRACTOR TO COORDINATE WITH UTILITY FOR SERVICE DISCONNECT AND REMOVAL OF SECONDARY SERVICE LATERALS. VERIFY LOCATION OF UNDERGROUND PRIMARY AND SECONDARY SERVICE RUNS PRIOR TO EXCAVATION. DISCONNECT AND RELOCATE XFMR-2 AND UTILITY PRIMARY FEEDER CONDUCTORS TO SERVE THE HERCHE BUILDING IN ITS NEW LOCATION, SEE DRAWING E-100. TRANSFORMER RELOCATION BY PACIFIC POWER. REFER TO HERCHE BUILDING ONE-LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
2. DEMO EXISTING POWER FEED TO SOFTBALL CROW'S NEST. PULL FEEDER CONDUCTORS BACK TO BRANCH PANEL MPZ-2 AND DISCONNECT.
3. DEMO EXISTING POWER FEED TO WOOD SHED. PULL FEEDER CONDUCTORS BACK TO BRANCH PANEL MPZ-1 AND DISCONNECT.
4. DEMO EXISTING POWER FEED TO EXISTING FOOTBALL PRESS BOX PANEL. PULL FEEDER CONDUCTORS BACK TO BRANCH PANEL MPZ-1 AND DISCONNECT. DEMO EXISTING LOAD CENTER IN FOOTBALL PRESS BOX AND REPLACE NEW. SEE E-100, E-300 & E-400 FOR NEW WORK DETAILS.
5. EXISTING SCOREBOARD SB-1 TO BE RELOCATED. DEMO EXISTING POWER FEED TO SCORBOARD. PULL FEEDER CONDUCTORS BACK TO BRANCH PANEL MPZ-2 AND DISCONNECT.



1 DEMO SITE PLAN - LEVEL 1 - ELECTRICAL
ED-100 1" = 40'-0"

ONE INCH EQUALS FULL SCALE 5/23/2023 8:36:17 AM BIM 360://22264 - Broadway Field Seaside/22264.00-BROADWAY FIELD SEASIDE-MEP-R21.rvt

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DEMO SITE PLAN

ED-100

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DEMO ONE-LINE GENERAL NOTES

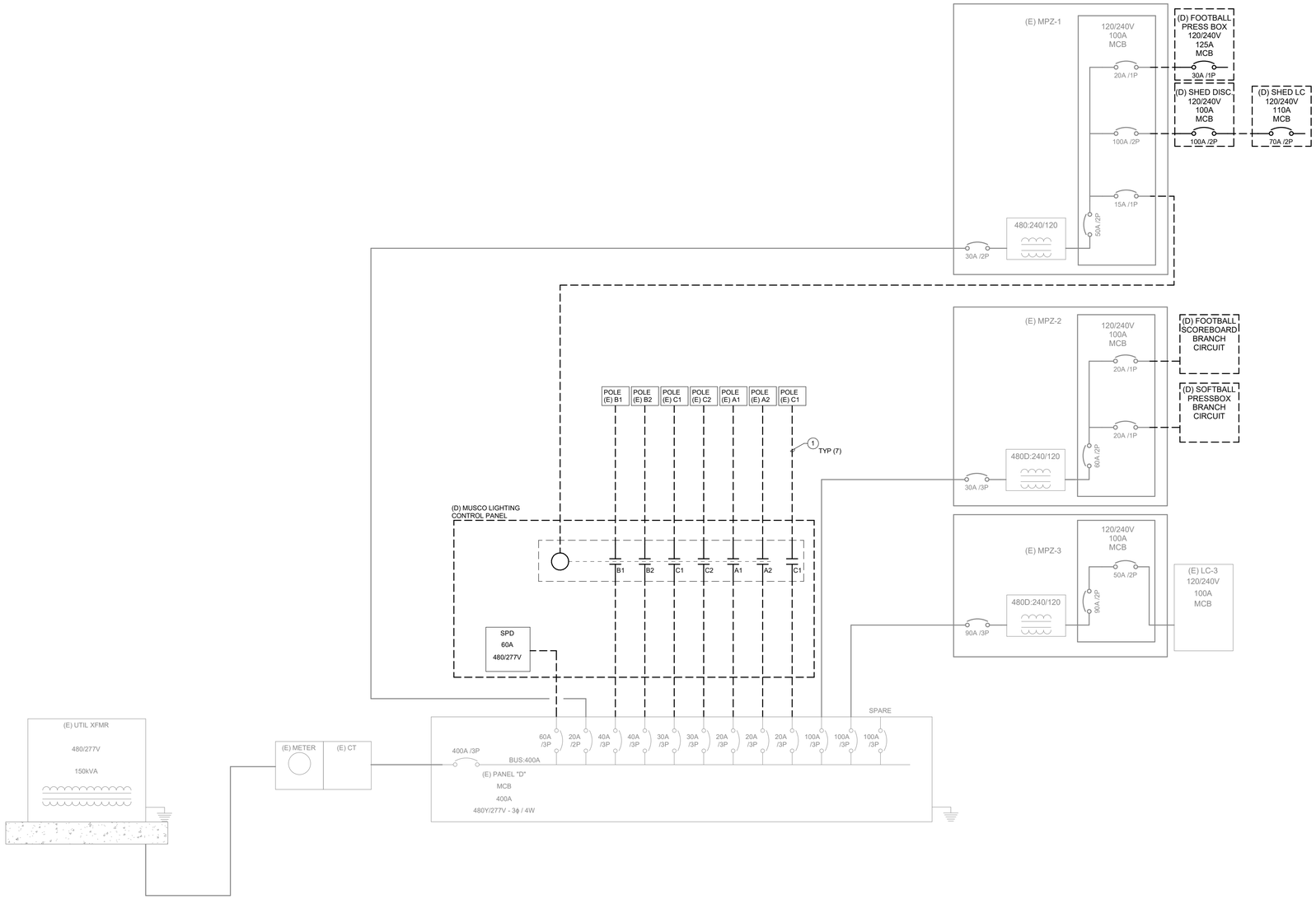
A. DIAGRAM INDICATES OVERALL LAYOUT OF EXISTING ELECTRICAL DISTRIBUTION SYSTEM. REFER TO ED-100 AND E-500 FOR EQUIPMENT LOCATIONS.

B. DASHED LINES INDICATE EQUIPMENT AND FEEDERS TO BE DEMOLISHED.

C. LEGEND:
(D) = ITEM TO BE DEMOLISHED
(E) = EXISTING TO REMAIN

KEYNOTES (#)

1. DISCONNECT EXISTING FEEDER CONDUCTORS FROM MUSCO LIGHT POLE AND PULL BACK TO EXISTING MUSCO LIGHTING CONTROL PANEL. EXISTING CONDUIT TO BE REUSED FOR NEW SPORTS LIGHTING FEEDER CIRCUITS. REFERENCE SHEET E-300 FOR NEW FEEDER SCHEDULE DETAILS.



1 DEMO ONE-LINE DIAGRAM
1/8" = 1'-0"

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DEMO ELECTRICAL ONE-LINE DIAGRAM

ED-300

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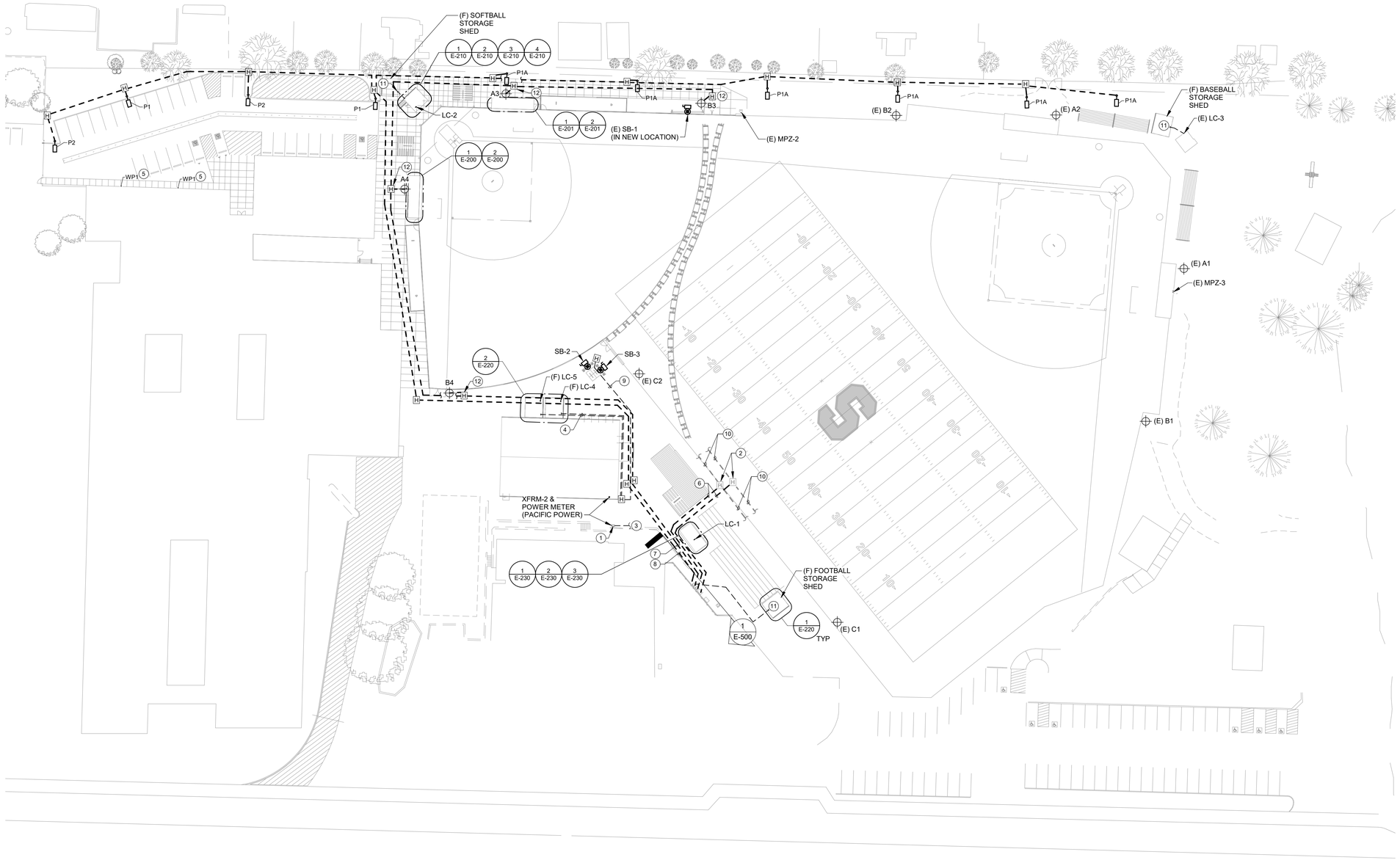

1 E-100 SITE PLAN - LEVEL 1 - ELECTRICAL
1" = 40'-0"

ONE INCH EQUALS FULL SCALE

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NOTES

A. EXISITNG SPORTS LIGHTING AND CONTROLS, BY MUSCO, FOR BASEBALL FIELD, FOOTBALL FIELD AND SKATEPARK, TO BE UPGRADED TO LED. EXISTING FIXTURES WILL BE REMOVED AND EXISTING POLES WILL BE USED TO HOUSE NEW LED FIXTURES.

B. NEW SPORTS LIGHTING AND CONTROLS FOR SOFTBALL FIELD IS BY MUSCO.

C. EXCEPT ALONG NORTHERN PROPERTY LINE, NEW SECURITY AND PEDESTRIAN WALKWAY ILLUMINATION IS PROVIDED BY MUSCO VIA LED FIXTURES THAT ARE SUPPORTED FROM SPORT LIGHTING POLES AND CONTROLLED MUSCO LIGHTING CONTROL PANEL "LCP-1".

D. PARKING LOT AREA LIGHTING PROVIDED BY POLE MOUNTED LIGHT FIXTURES AS SHOWN. COORDINATE INSTALLATION OF POLE MOUNT BASES WITH CIVIL PLANS. COORDINATE FINAL INSTALL LOCATION OF POLE BASE WITH ARCHITECT AND CIVIL ENGINEER PRIOR TO ROUGH-IN. SEE LIGHTING FIXTURE SCHEDULE ON E-401 POLE DETAILS.

E. NORTHERN SECURITY AND PEDESTRIAN WALKWAY LIGHTING PROVIDED BY POLE MOUNTED LIGHT FIXTURES AS SHOWN. COORDINATE INSTALLATION OF POLE MOUNT BASES WITH CIVIL PLANS. COORDINATE FINAL INSTALL LOCATION OF POLE BASE WITH ARCHITECT AND CIVIL ENGINEER PRIOR TO ROUGH-IN. SEE LIGHTING FIXTURE SCHEDULE ON E-401 POLE DETAILS.

KEYNOTES (#)

1. APPROXIMATE LOCATION OF HERCHE BUILDING PAD MOUNT SERVICE TRANSFORMER SHOWN. COORDINATE FINAL INSTALL LOCATION WITH CIVIL PLANS AND UTILITY PRIOR TO RELOCATION. INSTALL SECOARY CONDUITS PER UTILITY'S INSTALL INSTRUCTIONS.
2. EXISTING CONDUIT BRANCHES TO EXISTING SPORTS LIGHTING POLES AND MINI POWER CENTERS START AT THIS APPROXIMATE LOCATION. COORDINATE WITH CIVIL SITE PLAN AND FIELD VERIFY EXACT LOCATION AND ROUTING OF EXISTING CONDUITS INCLUDING LOCATION OF HANDHOLES AND PULL BOXES. THERE IS AN EXISTING 2" CONDUIT ROUTED TO EACH EXISTING SPORTS FIELD LIGHTING POLE. INSTALL CIRCUITS FROM NEW MUSCO LIGHTING CONTROL PANEL "LCP-1" TO EXISTING LIGHTING POLES. SEE SHEET E-300 FOR MUSCO LIGHTING FEEDER SCHEDULE.
3. LOCATE EXISTING UTILITY PRIMARY TAP VAULT. EXTEND PRIMARY SERVICE CONDUITS FROM VAULT TO RELOCATED TRANSFORMER XFMR-2 NEW VAULT LOCATION. REFER TO SHEET E-301 FOR ADDITIONAL REQUIREMENTS.
4. ROUTE CONDUIT UNDERGROUND FROM HANDHOLE PROVIDED BY THE HERCHE BUILDING RELOCATION CONTRACTOR NEAR THE SOUTHEAST CORNER OF THE BUILDING. APPROXIMATE ROUTING OF FUTURE MAINTENANCE SHED FEEDERS IS SHOWN. CAP, MARK, AND PROVIDE WITH PULL STRING FOR EXTENSION TO FUTURE MAINTENANCE SHED LOAD CENTERS. COORDINATE WITH HERCHE BUILDING RELOCATION CONTRACTOR PRIOR TO ROUGH IN.
5. REPLACE EXISTING WALL PACK IN THIS APPROXIMATE LOCATION WITH NEW FIXTURE TYPE AS SHOWN. EXISTING CIRCUITRY TO BE REUSED TO CONNECT NEW LIGHTING FIXTURE. COORDINATE WORK PLAN WITH BUILDING FACILITY MAINTENANCE PRIOR TO START OF WORK.
6. PROVIDE CONDUIT FROM NEW LIGHTING CONTROL PANEL LCP-1 TO EXISTING HANDBOXES TO ACCESS EXISTING CONDUIT ROUTES FOR LIGHTING CIRCUITS TO EXISTING SPORTS FIELD POLES. SEE SHEET E-300 FOR MUSCO LIGHTING FEEDER SCHEDULE.
7. APPROXIMATE LOCATION SHOWN FOR PROPOSED CONDUIT ROUTE TO NEW MUSCO LIGHTING POLES. PROVIDE CONDUIT AND PULL BOXES AT CODE REQUIRED INTERVALS AND PROVIDE HANDBOX 5FT FROM EVERY MUSCO LIGHTING POLE. FIELD VERIFY EXACT ROUTE AND COORDINATE ROUTING WITH CIVIL ENGINEER PRIOR TO EXCAVATION. COORDINATE ROUTING WITH OTHER SITE CIVIL AND UTILITY WORK. SEE SHEET E-300 FOR MUSCO LIGHTING FEEDER SCHEDULE.
8. APPROXIMATE LOCATION SHOWN FOR PROPOSED CONDUIT ROUTE TO NEW PARKING LOT AND PEDESTRIAN WALKWAY LIGHTING POLES. PROVIDE CONDUIT AND PULL BOXES AT CODE REQUIRED INTERVALS AND PROVIDE HANDHOLES 5FT FROM EVERY LIGHTING POLE. FIELD VERIFY EXACT ROUTE AND COORDINATE ROUTING WITH CIVIL ENGINEER PRIOR TO EXCAVATION. COORDINATE ROUTING WITH OTHER SITE CIVIL AND UTILITY WORK. SEE SHEET E-300 FOR FEEDER SIZING.
9. ROUTE CONDUIT UNDERGROUND FROM HANDHOLE PROVIDED BY THE HERCHE BUILDING RELOCATION CONTRACTOR NEAR THE SOUTHEAST CORNER OF THE BUILDING TO HANDHOLE NEAR SCOREBOARDS. APPROXIMATE ROUTING OF CONDUIT IS SHOWN, FIELD VERIFY ROUTING AND COORDINATE WITH CIVIL PLANS. COORDINATE WITH HERCHE BUILDING RELOCATION CONTRACTOR PRIOR TO ROUGH IN.
10. EXISTING 2" CONDUIT ROUTED TO EACH EXISTING MUSCO LIGHT POLE TO BE REUSED FOR NEW LIGHTING FEEDER CIRCUITS. IF AN EXISTING CONDUIT PATHWAY IS FOUND TO BE DAMAGED AND NOT SUITABLE FOR REUSE, INFORM ENGINEER AND ARCHITECT UPON DISCOVERY.
11. PROVIDE UNDERGROUND CONDUIT FROM NEAREST LOAD CENTER TO FUTURE LOCATION OF STORAGE SHED. CAP, MARK AND PROVIDE PULL STRING FOR FUTURE EXTENSION AND CONNECTION OF LIGHTING BRANCH CIRCUIT TO LOAD CENTER. SEE PANEL SCHEDULE ON SHEET E-400 FOR FUTURE CIRCUIT INFORMATION.
12. HANDHOLE NEAR THE BASE OF NEW MUSCO SPORTS LIGHTING POLES, BASIS OF DESIGN: OLDCASTLE, 1730 FLARE H-SERIES POLYMER CONCRETE COVER, POYMER CONCRETE BODY, 17"X30". LID MARKED WITH THE FOLLOWING TEXT: "STREET LIGHTING".

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SITE PLAN

E-100

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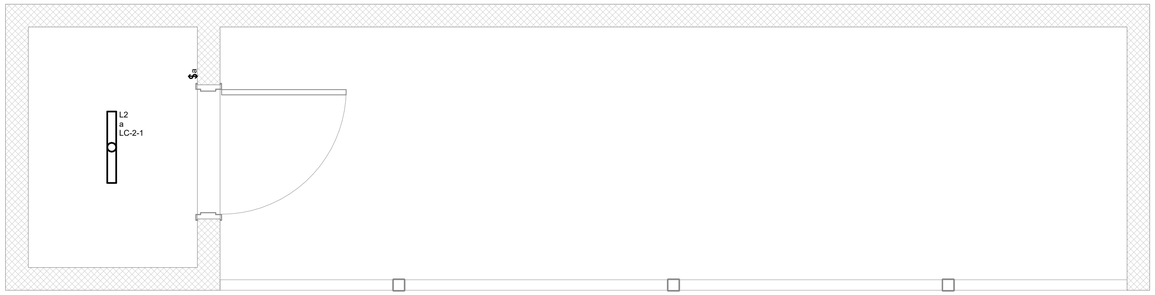

2 E-200 DUGOUT 1ST BASE - RCP - LIGHTING
1/2" = 1'-0"

1 E-200 DUGOUT 1ST BASE - FLOOR PLAN - POWER
1/2" = 1'-0"

ONE INCH EQUALS FULL SCALE

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FLOOR PLAN - DUGOUT 1ST BASE

E-200

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2 E-201 DUGOUT 3RD BASE - RCP - LIGHTING
1/2" = 1'-0"

1 E-201 DUGOUT 3RD BASE - FLOOR PLAN - POWER
1/2" = 1'-0"

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FLOOR PLAN - DUGOUT 3RD BASE

E-201

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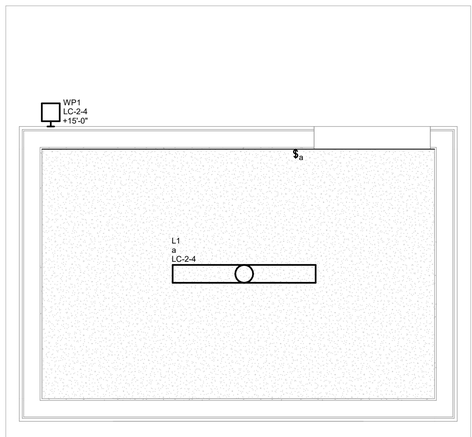
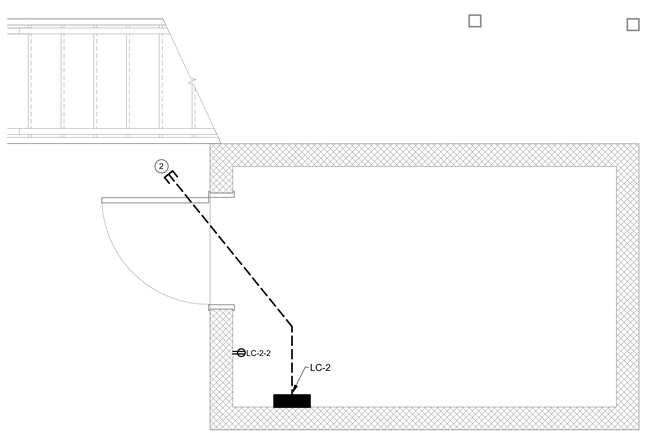
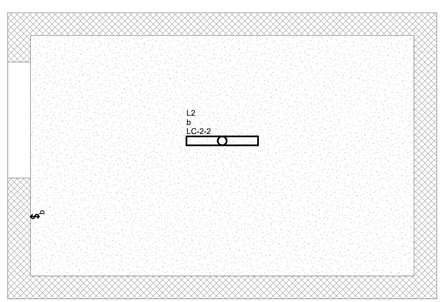
2 E-210 CROW'S NEST - UPPER FLOOR PLAN - POWER
1/2" = 1'-0"



4 E-210 CROW'S NEST - UPPER FLOOR RCP - LIGHTING
1/2" = 1'-0"



1 E-210 CROW'S NEST - LOWER FLOOR PLAN - POWER
1/2" = 1'-0"



3 E-210 CROW'S NEST - LOWER FLOOR RCP - LIGHTING
1/2" = 1'-0"

KEYNOTES (#)

1. COORDINATE INSTALL LOCATION OF DEDICATED DUPLEX RECEPTACLE FOR AV RACK WITH LV CONTRACTOR PRIOR TO ROUGH IN.
2. PROVIDE UNDERGROUND CONDUIT FROM LC-2 TO FUTURE LOCATION OF EJECTOR PUMP. CAP, MARK AND PROVIDE PULL STRING FOR FUTURE EXTENSION AND CONNECTION OF TO LOAD CENTER. COORDINATE LOCATION OF STUB UP WITH ARCHITECT AND CIVIL PLANS PRIOR TO ROUGH-IN.

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BROADWAY FIELD RENOVATION

KCL ENGINEERING
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503-212-4612

REGISTERED PROFESSIONAL ENGINEER
99536PE
OREGON
MAY 10, 2022
CODY ARTHUR COWDIN
EXPIRES: 12/31/2023

△REVISION ID:	DATE:

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PLANS - CROW'S NEST

E-210

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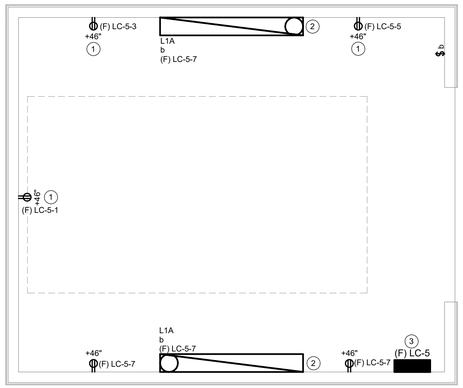
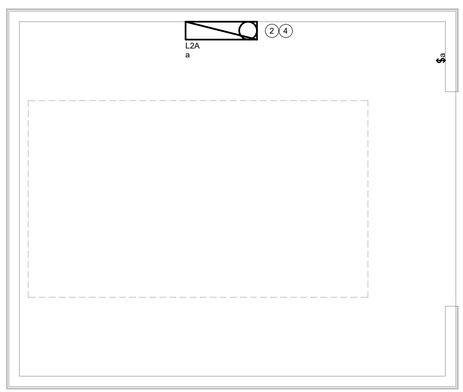
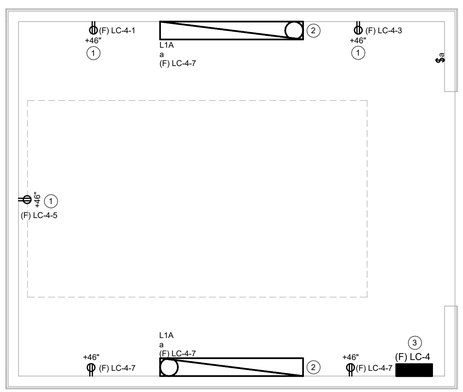


1 E-220 STORAGE SHED - FLOOR PLAN - POWER & LIGHTING
1/2" = 1'-0"





2 E-220 MAINTENANCE SHEDS - FLOOR PLAN - POWER & LIGHTING
1/2" = 1'-0"

NOTES

A. INSTALLATION OF POWER AND LIGHTING SYSTEMS FOR THE SHEDS TO BE INSTALLED AS A PART OF SEPERATE AND FUTURE PROJECT. REFER TO SHEET E-300 FOR INFORMATION ON SHED FEEDER CONDUIT THAT IS TO BE INSTALLED UNDER THE SCOPE OF THIS CURRENT PROJECT.

KEYNOTES (#)

1. PROVIDE LABEL ON FACEPLATE OF RECEPTACLE, WITH THE FOLLOWING TEXT: " DEDICATED EQUIPMENT RECEPTACLE ".
2. INSTALL LIGHT FIXTURE AT 45 DEGREE ANGLE USING SPECIFIED ANGLE MOUNTING BRACKET.
3. PANEL TO BE FED FROM DEDICATED CIRCUIT IN HERCHE BUILDING SERVICE ENTRANCE PANELBOARD. COORDINATE INSTALLATION REQUIREMENTS WITH HERCHE BUILDING RELOCATION CONTRACTOR AND PROVIDE ALL CONDUIT, CONDUCTORS, AND EQUIPMENT CONNECTIONS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. REFER TO HERCHE BUILDING ONE-LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
4. LIGHTING LAYOUT SHOWN IS TYPICAL FOR THE THREE REMOTE STORAGE SHEDS TO BE LOCATED NEAR SOFTBALL CROW'S NEST, BASEBALL CROW'S NEST, AND FOOTBALL BLEACHERS. THE LIGHTING BRANCH CIRCUIT FOR EACH SHED WILL BE FED FROM THE NEAREST LOAD CENTER OR MPZ PANEL.

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FLOOR PLAN - SHEDS

E-220

PERMIT SUBMITTAL

ONE INCH EQUALS FULL SCALE

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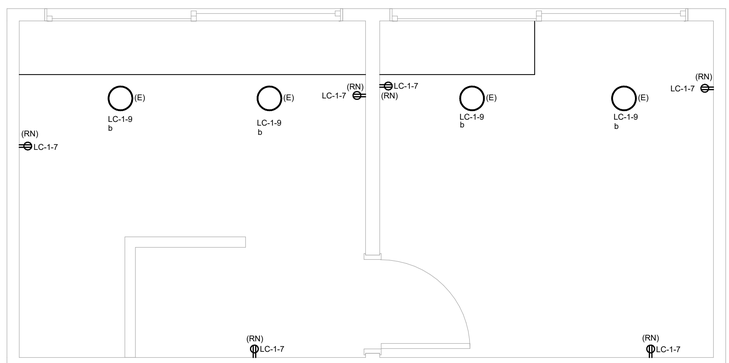
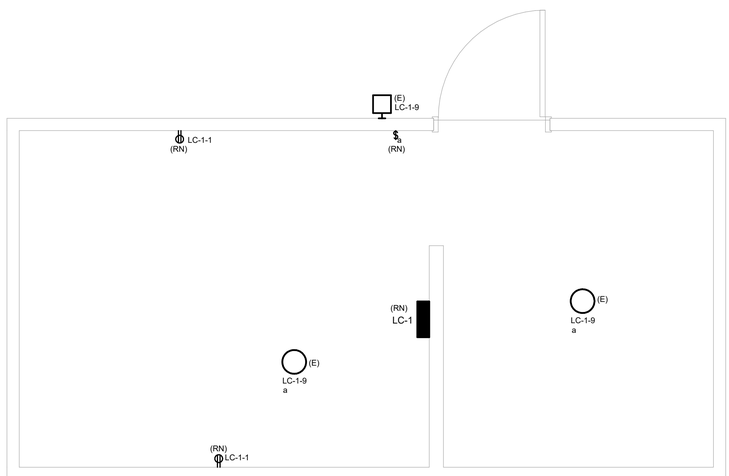


3 E-230

FOOTBALL PRESSBOX - THIRD FLOOR PLAN - POWER & LIGHTING

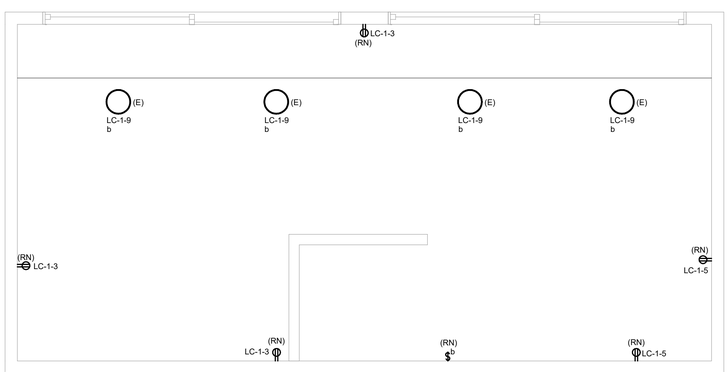
1/2" = 1'-0"



1 E-230

FOOTBALL PRESSBOX - FIRST FLOOR PLAN - POWER & LIGHTING

1/2" = 1'-0"



2 E-230

FOOTBALL PRESSBOX - SECOND FLOOR PLAN - POWER & LIGHTING

1/2" = 1'-0"

NOTES

A. ELECTRICAL EQUIPMENT, POWER DEVICES, AND LIGHTING DEVICES ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON OBSERVED SITE CONDITIONS.

B. REMOVE EXISTING LOAD CENTER, INCOMING FEEDER AND ALL ASSOCIATED BRANCH CIRCUIT WIRING INSIDE THE PRESS BOX. PROTECT AND MAINTAIN EXISTING LIGHTING FIXTURES FOR RECONNECTION WITH NEW CIRCUITING. REPLACE RECEPTACLES AND LIGHT SWITCHES WITH NEW, INSTALLED IN NEW SINGLE GANG BOXES, IN THE EXISTING LOCATION.

C. PROVIDE NEW BRANCH CIRCUITING AND CONDUIT AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM FOR RECONNECTION OF DEVICES AND LIGHTING FIXTURES. REFER TO PANEL LC-1 PANEL SCHEDULE ON SHEET E-400 FOR BRANCH CIRCUITING INFORMATION. REFER TO SHEET E-300 FOR INFORMATION ON NEW FEEDER TO LCP-1.

D. LEGEND:
(E) = EXISTING TO REMAIN
(D) = DEMO
(RN) = REPLACE NEW IN EXISTING LOCATION

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FLOOR PLANS - FOOTBALL PRESS BOX

E-230

PERMIT SUBMITTAL

ONE INCH EQUALS FULL SCALE

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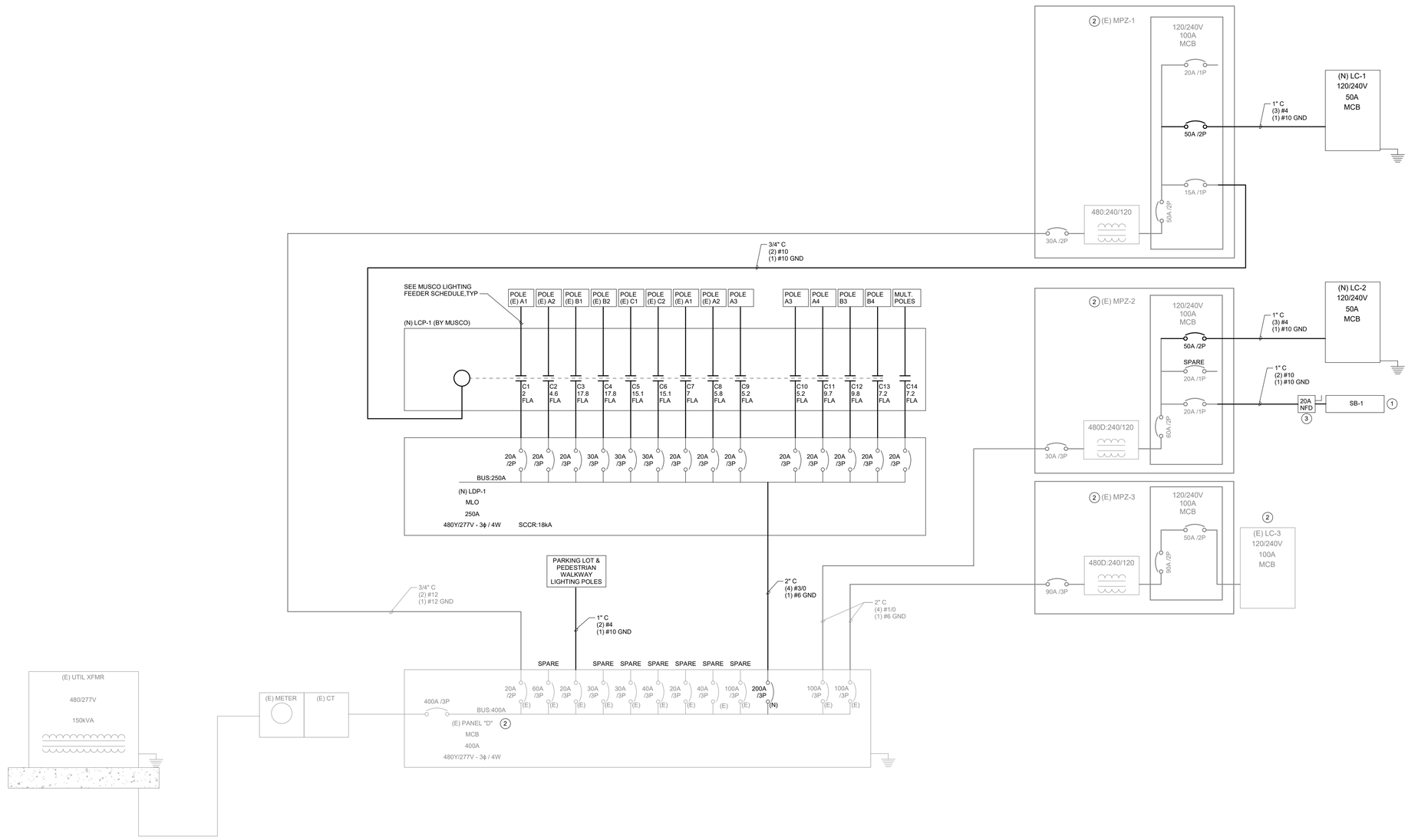
MUSCO LIGHTING FEEDER SCHEDULE

CONTACTOR ID	SOURCE	POLE DESTINATION	CIRCUIT DESCRIPTION	FLA	CONDUIT ID	CONDUIT SIZE	# PHASE CONDUCTORS	# EQ. GND	PHASE CONDUCTOR SIZE (AWG CU)	EQ. GND SIZE (AWG CU)
C1	LCP-1	(E) A1	FOOTBALL	2	(E) CD1	2"	3	1	#10	#10
C2	LCP-1	(E) A2	FOOTBALL	4.6	(E) CD2	2"	3	1	#8	#8
C3	LCP-1	(E) B1	FOOTBALL	17.8	(E) CD2	2"	3	1	#4	#4
C4	LCP-1	(E) B2	FOOTBALL	17.8	(E) CD3	2"	3	1	#4	#4
C5	LCP-1	(E) C1	FOOTBALL	15.1	(E) CD4	2"	3	1	#4	#4
C6	LCP-1	(E) C2	FOOTBALL	15.1	(E) CD5	2"	3	1	#4	#4
C7	LCP-1	(E) A1	BASEBALL	7	(E) CD1	2"	3	1	#8	#8
C8	LCP-1	(E) A2	BASEBALL	5.8	(E) CD2	2"	3	1	#8	#8
C9	LCP-1	A3	SOFTBALL	5.2	CD6	1"	3	1	#8	#8
C10	LCP-1	A4	SOFTBALL	5.2	CD7	1"	3	1	#8	#8
C11	LCP-1	B3	SOFTBALL	9.7	CD8	1"	3	1	#6	#6
C12	LCP-1	B4	SOFTBALL	9.8	CD9	1"	3	1	#6	#6
C13	LCP-1	(E) C1	SKATE PARK	7.2	(E) CD4	2"	3	1	#8	#8
C14	LCP-1	(E) A1	WALKWAY	0.2	(E) CD1	2"	3	1	#10	#10
C14	LCP-1	(E) B1	WALKWAY	0.2	(E) CD2	2"	3	1	#10	#10
C14	LCP-1	(E) C1	WALKWAY	0.2	(E) CD4	2"	3	1	#8	#8
C14	LCP-1	(E) C2	WALKWAY	0.2	(E) CD5	2"	3	1	#10	#10
C14	LCP-1	A4	WALKWAY	0.2	CD7	1"	3	1	#10	#10
C14	LCP-1	B4	WALKWAY	0.2	CD9	1"	3	1	#10	#10

PROVIDE POWER DISTRIBUTION BLOCK IN THE MUSCO LIGHTING CONTROL PANEL LCP-1, THAT IS CONNECTED TO THE LOAD SIDE OF CONTACTOR C14, FOR DISTRIBUTION OF WALKWAY LIGHTING CIRCUITS TO MULTIPLE MUSCO LIGHTING POLES VIA CONDUIT ROUTES AS SHOWN



1 ONE-LINE DIAGRAM
NOT TO SCALE

ONE-LINE DIAGRAM GENERAL NOTES

A. DIAGRAM INDICATES OVERALL LAYOUT OF ELECTRICAL DISTRIBUTION SYSTEM. REFER TO SITE AND FLOOR PLANS FOR EQUIPMENT LOCATIONS.

B. USE COPPER CONDUCTORS UNLESS OTHERWISE INDICATED.

C. MATCH NEUTRAL CONDUCTOR SIZE TO THE PHASE CONDUCTORS UNLESS OTHERWISE NOTED.

D. ALL WIRING SHALL BE IN RACEWAY AS NOTED. REFER TO SPECIFICATIONS FOR CONDUIT APPLICATION REQUIREMENTS.

ONE-LINE DIAGRAM (#)

1. ROUTE 20A BRANCH CIRCUIT TO EXISTING SCOREBOARD SB-1 AFTER RELOCATION. REFERENCE SHEET E-100 FOR SCOREBOARD NEW LOCATION, COORDINATE SCOREBOARD FINAL INSTALL LOCATION WITH ARCHITECT AND CIVIL ENGINEER PRIOR TO ROUGH-IN.

2. VISUALLY INSPECT EQUIPMENT CONDITION, CONNECTIONS, ANCHORAGE, AND ALIGNMENT. TEST AND INSPECT OPERATION OF BREAKERS, CONNECTIONS, TORQUE SETTINGS, CONDUCTOR INSULATION, AND TAP SETTINGS. CLEAN EQUIPMENT OF ALL DEBRIS AND LUBRICATE HINGES.

3. PROVIDE 20A RATED NON-FUSED EQUIPMENT DISCONNECT SWITCH IN NEMA 3R BOX.

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ELECTRICAL ONE-LINE DIAGRAM

E-300

PERMIT SUBMITTAL

BRANCH PANEL: (F) LC-4

LOCATION: SHED 104
SUPPLY FROM: HERCHE PANEL
MOUNTING: SURFACE
ENCLOSURE: TYPE 1

VOLTAGE: 120/240 SINGLE
PHASES: 1
WIRES: 3

SCCR RATING: 10kA
MAINS TYPE: MCB
MAINS RATING: 100 A
MCB RATING: 100 A

NOTES:

CIRCUIT DESCRIPTION	P	AMP	CKT NO	A		B		CKT NO	AMP	P	CIRCUIT DESCRIPTION
SHED #1 - EQ #1 DEDICATED	1	G 20 A	1	1200				2			
SHED #1 - EQ #2 DEDICATED	1	G 20 A	3			1200		4			
SHED #1 - GATOR CHARGER	1	G 20 A	5	1200				6			
SHED #1 - GENERAL LIGHT/RECEPTACLES	1	G 20 A	7			396		8			
			9					10			
			11					12			
				2400 VA		1596 VA					
				20 A		13 A					

LEGEND:
"G" INDICATES GFCI TYPE BREAKER.
"F" INDICATES RED LOCK-ON HASP

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED...	PANEL TOTALS	
LIGHTING	36 VA	125.00%	45 VA		
RECEPTACLE	3960 VA	100.00%	3960 VA	**TOTAL CONN. LOAD:**	3996 VA
				TOTAL EST. DEMAND:	4005 VA
				TOTAL CONN.:	17 A
				TOTAL EST. DEMAND:	17 A

NOTES:

BRANCH PANEL: (F) LC-5

LOCATION: SHED 104
SUPPLY FROM: HERCHE PANEL
MOUNTING: SURFACE
ENCLOSURE: TYPE 1

VOLTAGE: 120/240 SINGLE
PHASES: 1
WIRES: 3

SCCR RATING: 10kA
MAINS TYPE: MCB
MAINS RATING: 100 A
MCB RATING: 100 A

NOTES:

CIRCUIT DESCRIPTION	P	AMP	CKT NO	A		B		CKT NO	AMP	P	CIRCUIT DESCRIPTION
SHED #2 - GATOR CHARGER	1	G 20 A	1	1200				2			
SHED #2 - EQ #1 DEDICATED	1	G 20 A	3			1200		4			
SHED #2 - EQ #2 DEDICATED	1	G 20 A	5	1200				6			
SHED #2 GENERAL LIGHT/RECEPTACLES	1	G 20 A	7			396		8			
			9					10			
			11					12			
				2400 VA		1596 VA					
				20 A		13 A					

LEGEND:
"G" INDICATES GFCI TYPE BREAKER.
"F" INDICATES RED LOCK-ON HASP

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED...	PANEL TOTALS	
LIGHTING	36 VA	125.00%	45 VA		
RECEPTACLE	3960 VA	100.00%	3960 VA	**TOTAL CONN. LOAD:**	3996 VA
				TOTAL EST. DEMAND:	4005 VA
				TOTAL CONN.:	17 A
				TOTAL EST. DEMAND:	17 A

NOTES:

SERVICE RESPONSIBILITY MATRIX

NOTES:
1. ITEMS NOT LISTED ARE CONTRACTOR FURNISHED/CONTRACTOR INSTALLED UNLESS OTHERWISE NOTED.

ABBREVIATIONS:
CP/CI : CONTRACTOR PROVIDED / CONTRACTOR INSTALLED.
CP/UI : CONTRACTOR PROVIDED / UTILITY INSTALLED.
UP/UI : UTILITY PROVIDED / UTILITY INSTALLED.
UP/CI : UTILITY PROVIDED / CONTRACTOR INSTALLED.

TO BE COMPLETED UNDER HERCHE BUILDING RELOCATION CONTRACT

LABEL	CP/CI	CP/UI	UP/UI	UP/CI
PRIMARY CONDUIT	●			
PRIMARY CONDUCTORS			●	
XFR PADVAULT	●			
SECONDARY CONDUIT TO CT & PANEL	●			
CONDUCTORS XFR TO CT			○	
CONDUCTORS CT TO PANEL	○			
METER ENCLOSURE	○			
METER				○
CT CABINET	○			
CURRENT TRANSFORMERS			○	
POTENTIAL TRANSFORMERS			○	
CT TERMINATION, XFR to CT			○	
SECONDARY TERMINATIONS			○	
METER-CT CONDUIT	○			

NOTES:

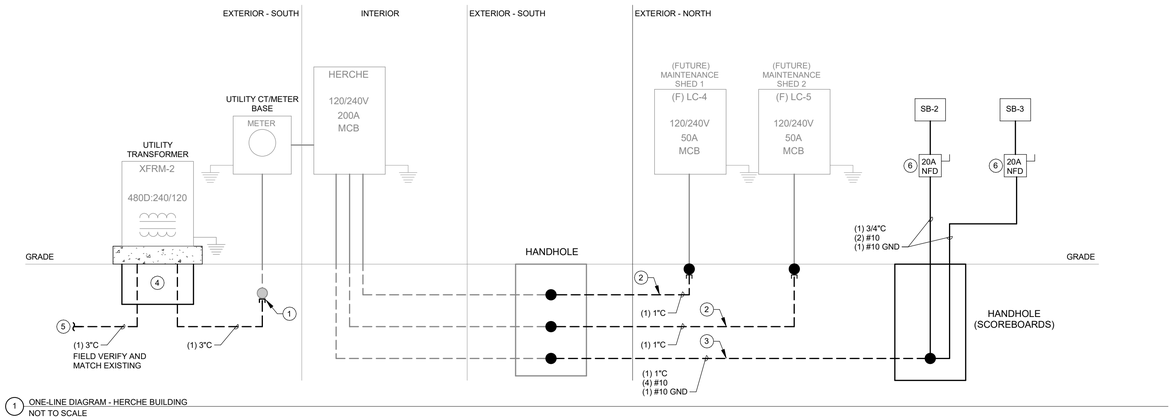
A. SCOPE INCLUDED UNDER THE BROADWAY FIELD RENOVATION PACKAGE OF CONSTRUCTION DOCUMENTS IS ONLY A PORTION OF THE WORK BEING PERFORMED AT THIS SITE. ADDITIONAL WORK WILL BE COMPLETED UNDER A SEPARATELY AWARDED CONTRACT FOR THE HERCHE BUILDING RELOCATION. COORDINATE FINAL INSTALLATION SCHEDULE AND MATERIALS WITH HERCHE BUILDING RELOCATION CONTRACTOR TO ENSURE ALL SYSTEMS ARE COMPLETE AND OPERABLE AT THE TIME OF PROJECT SUBSTANTIAL COMPLETION.

B. COORDINATE DISCONNECTION OF THE EXISTING HERCHE BUILDING ELECTRICAL SERVICE WITH UTILITY. REMOVE AND RELOCATE EXISTING ELECTRICAL UTILITY SERVICE INFRASTRUCTURE. CONTACT ELECTRICAL UTILITY TO OBTAIN UTILITY DESIGN DRAWINGS AND TO COORDINATE FINAL INSTALLATION REQUIREMENTS, INSPECTIONS, AND CONNECTION OF THE UTILITY SERVICE TO THE HERCHE BUILDING POWER DISTRIBUTION SYSTEM.

CONTACT PACIFIC POWER:
MARILYN BROCKEY
JOURNEYMAN ESTIMATOR
(541) 861-6005
MARILYN.BROCKEY@PACIFICORP.COM

KEYNOTES: (#)

1. ROUTE CONDUIT UNDERGROUND FROM WITHIN TRANSFORMER VAULT AND STUB 5FT BEYOND HERCHE BUILDING FOOTPRINT IN LOCATION ALIGNED WITH UTILITY METER. REFER TO SITE PLAN FOR APPROXIMATE ROUTING. CAP, MARK, AND PROVIDE WITH PULL STRING FOR EXTENSION TO HERCHE BUILDING ELECTRIC SERVICE EQUIPMENT. ENSURE INSTALLATION IS IN ACCORDANCE WITH ELECTRICAL UTILITY REQUIREMENTS. COORDINATE INSTALLATION REQUIREMENTS AND INSPECTIONS WITH UTILITY AND CONTRACTOR RESPONSIBLE FOR SCOPE UNDER HERCHE BUILDING RELOCATION CONTRACT PRIOR TO ROUGH-IN.
2. EXTEND FEEDER CONDUIT FROM HANDHOLE INSTALLED UNDER HERCHE BUILDING RELOCATION CONTRACT TO FUTURE LOCATION OF MAINTENANCE SHEDS, STUB, CAP, MARK AND PROVIDE WITH PULL STRING FOR FUTURE EXTENSION TO SHED LOAD CENTERS. COORDINATE ROUTING AND LOCATION OF STUB UP WITH CIVIL ENGINEER AND ARCHITECT, PRIOR TO ROUGH-IN.
3. EXTEND FEEDER CONDUIT FROM HANDHOLE INSTALLED UNDER HERCHE BUILDING RELOCATION CONTRACT TO NEW HANDHOLE NEAR SCOREBOARDS. PROVIDE WIRING, CONDUIT, BOXES, CONNECTIONS AND DISCONNECTS AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.
4. REINSTALL TRANSFORMER VAULT AND EQUIPMENT GROUNDING PROVISIONS IN NEW LOCATION, AS APPROVED BY THE UTILITY.
5. INTERCEPT AND EXTEND EXISTING PRIMARY SERVICE CONDUIT TO NEW TRANSFORMER LOCATION.
6. PROVIDE 20A RATED NON-FUSED EQUIPMENT DISCONNECT SWITCH IN NEMA 3R BOX.



1 ONE-LINE DIAGRAM - HERCHE BUILDING
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CHECKED:	SKG
DATE:	05-19-23

ELECTRICAL ONE-LINE DIAGRAM

E-301

PERMIT SUBMITTAL

BRANCH PANEL: (E) MPZ-1

LOCATION: SKATE PARK WALL
SUPPLY FROM: PANEL D
MOUNTING: SURFACE
ENCLOSURE: NEMA 3R

VOLTAGE: 120/240 SINGLE
PHASES: 1
WIRES: 3

SCCR RATING:
MAINS TYPE: MCB
MAINS RATING: 100 A
MCB RATING: 50 A

NOTES:
BREAKERS IN THE PANEL ARE EXISTING TO REMAIN, BOLD TEXT INDICATES NEW BREAKERS IN EXISTING SPACE, OR EXISTING SPARE BREAKER USED FOR NEW CIRCUIT

CIRCUIT DESCRIPTION	P	AMP	CKT NO	A		B		CKT NO	AMP	P	CIRCUIT DESCRIPTION
(E) MAIN	2	-- 50 A	1	0	0			2	20 A --	1	(E) PRESS BOX
			3			0	0	4	20 A --	1	(E) 50YD OUTLET
(E) LIGHTING CONTROLS	1	-- 15 A	5	0	0			6	100 A --	2	**SPARE**
FOOTBALL STORAGE SHED LIGHT	1	20 A	7			14	0	8			
LC-1 - FOOTBALL PRESS BOX LOAD CENTER	2	60 A	9	1299				10			
			11			1620		12			
				1299 VA		1634 VA					
				11 A		14 A					

LEGEND:
"G" INDICATES GFCI TYPE BREAKER.
"F" INDICATES RED LOCK-ON HASP

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED...	PANEL TOTALS	
LIGHTING	233 VA	125.00%	291 VA		
RECEPTACLE	2700 VA	100.00%	2700 VA	**TOTAL CONN. LOAD:**	2933 VA
				TOTAL EST. DEMAND:	2991 VA
				TOTAL CONN.:	12 A
				TOTAL EST. DEMAND:	12 A

NOTES:

BRANCH PANEL: LC-2

LOCATION: STORAGE 102
SUPPLY FROM: (E) MPZ-2
MOUNTING: SURFACE
ENCLOSURE: TYPE 1

VOLTAGE: 120/240 SINGLE
PHASES: 1
WIRES: 3

SCCR RATING: 10 KA
MAINS TYPE: MCB
MAINS RATING: 100 A
MCB RATING: 50 A

NOTES:

CIRCUIT DESCRIPTION	P	AMP	CKT NO	A		B		CKT NO	AMP	P	CIRCUIT DESCRIPTION
1ST BASE DUGOUT - LIGHT & RECPT	1	G 20 A	1	194	194			2	20 A G	1	CROW'S NEST - LOWER LIGHT & RECEPT
3RD BASE DUGOUT - LIGHT & RECPT	1	G 20 A	3			194	37	4	20 A	1	CROW'S NEST - UPPER FLOOR LIGHTS
CROW'S NEST - UPPER FLOOR RECPTS	1	G 20 A	5	720	14			6	20 A	1	SOFTBALL STORAGE SHED LIGHT
CROW'S NEST - AV RACK	1	20 A	7			360	0	8	20 A --	1	(FUTURE) SEWER EJECTOR PUMP
CROW'S NEST - RADIANT HTR PANELS	2	20 A	9	440				10			
			11			440		12			
				1562 VA		1031 VA					
				13 A		9 A					

LEGEND:
"G" INDICATES GFCI TYPE BREAKER
"F" INDICATES RED LOCK-ON HASP

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED...	PANEL TOTALS	
HVAC	880 VA	100.00%	880 VA		
LIGHTING	93 VA	125.00%	116 VA	**TOTAL CONN. LOAD:**	2593 VA
RECEPTACLE	1620 VA	100.00%	1620 VA	**TOTAL EST. DEMAND:**	2616 VA
				TOTAL CONN.:	11 A
				TOTAL EST. DEMAND:	11 A

NOTES:

BRANCH PANEL: (E) MPZ-2

LOCATION: BASEBALL 1ST BASELINE
SUPPLY FROM: PANEL D
MOUNTING: SURFACE
ENCLOSURE: NEMA 3R

VOLTAGE: 120/240 SINGLE
PHASES: 1
WIRES: 3

SCCR RATING:
MAINS TYPE: MCB
MAINS RATING: 100 A
MCB RATING: 60 A

NOTES:
BREAKERS IN THE PANEL ARE EXISTING TO REMAIN, BOLD TEXT INDICATES NEW BREAKERS IN EXISTING SPACE, OR EXISTING SPARE BREAKER USED FOR NEW CIRCUIT

CIRCUIT DESCRIPTION	P	AMP	CKT NO	A		B		CKT NO	AMP	P	CIRCUIT DESCRIPTION
SPACE	1	-- --	1	--	0			2	60 A --	2	SECONDARY MAIN
SPACE	1	-- --	3			--	0	4			
SPACE	1	-- --	5	--	840			6	**20 A**	1	**SB-1 - FOOTBALL SCOREBOARD**
LC-2 - SOFTBALL CROW'S NEST	2	**60 A**	7			1562	0	8	20 A --	1	**SPARE**
			9	1031				10			
			11					12			
				1871 VA		1562 VA					
				16 A		13 A					

LEGEND:
"G" INDICATES GFCI TYPE BREAKER.
"F" INDICATES RED LOCK-ON HASP

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED...	PANEL TOTALS	
HVAC	880 VA	100.00%	880 VA		
LIGHTING	93 VA	125.00%	116 VA	**TOTAL CONN. LOAD:**	3433 VA
POWER	840 VA	100.00%	840 VA	**TOTAL EST. DEMAND:**	3456 VA
RECEPTACLE	1620 VA	100.00%	1620 VA	**TOTAL CONN.:**	14 A
				TOTAL EST. DEMAND:	14 A

NOTES:

BRANCH PANEL: (E) LC-3

LOCATION: BASEBALL CROW'S NEST
SUPPLY FROM: MPZ-3
MOUNTING: SURFACE
ENCLOSURE: TYPE 1

VOLTAGE: 120/240 SINGLE
PHASES: 1
WIRES: 3

SCCR RATING:
MAINS TYPE: MCB
MAINS RATING: 100 A
MCB RATING: 100 A

NOTES:
BREAKERS IN THE PANEL ARE EXISTING TO REMAIN, BOLD TEXT INDICATES NEW BREAKERS IN EXISTING SPACE, OR EXISTING SPARE BREAKER USED FOR NEW CIRCUIT

CIRCUIT DESCRIPTION	P	AMP	CKT NO	A		B		CKT NO	AMP	P	CIRCUIT DESCRIPTION
MAIN BREAKER	2	-- 100 A	1	0	14			2	**20 A**	1	**(FUTURE) BASEBALL SHED LIGHT**
			3			0		4			
RECEPTACLE SOUTH WALL	1	-- 20 A	5	0	0			6	20 A --	1	SINK RECEPTACLE EAST WALL
RECEPTACLE NEAR SINK	1	-- 20 A	7			0	0	8	20 A --	1	UPSTAIRS RECEPTACLE
RECEPTACLE SOUTH WALL	1	-- 20 A	9	0	0			10	20 A --	1	UPSTAIRS RECEPTACLE
RECEPTACLE SOUTH WALL	1	-- 20 A	11			0	0	12	20 A --	1	LIGHTS
HOT WATER HEATER	1	-- 20 A	13	0	0			14	20 A --	1	RECEPTACLE ON BOTH SIDES OF WINDOW...
HOT WATER HEATER	1	-- 20 A	15			0	0	16	20 A --	1	SCORE BOARD AND CONTROLLER
				14 VA		0 VA					
				0 A		0 A					

LEGEND:
"G" INDICATES GFCI TYPE BREAKER
"F" INDICATES RED LOCK-ON HASP

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED...	PANEL TOTALS	
LIGHTING	14 VA	125.00%	18 VA		
				TOTAL CONN. LOAD:	14 VA
				TOTAL EST. DEMAND:	18 VA
				TOTAL CONN.:	0 A
				TOTAL EST. DEMAND:	0 A

NOTES:

BRANCH PANEL: LC-1

LOCATION: FOOTBALL PRESS BOX
SUPPLY FROM: (E) MPZ-1
MOUNTING: SURFACE
ENCLOSURE: TYPE 1

VOLTAGE: 120/240 SINGLE
PHASES: 1
WIRES: 3

SCCR RATING: 10KA
MAINS TYPE: MCB
MAINS RATING: 100 A
MCB RATING: 50 A

NOTES:

CIRCUIT DESCRIPTION	P	AMP	CKT NO	A		B		CKT NO	AMP	P	CIRCUIT DESCRIPTION
RECEPTACLES - 1ST FLOOR	1	20 A	1	360				2			
RECEPTACLE 2ND FLOOR	1	20 A	3			540		4			
RECEPTACLE - AV EQUIPMENT	1	20 A	5	720				6			
RECEPTACLES - 3RD FLOOR	1	20 A	7			1080		8			
LIGHTING	1	** 20 A	9	219				10			
			11					12			
				1299 VA		1620 VA					
				11 A		14 A					

LEGEND:
"G" INDICATES GFCI TYPE BREAKER.
"F" INDICATES RED LOCK-ON HASP

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED...	PANEL TOTALS	
LIGHTING	219 VA	125.00%	274 VA		
RECEPTACLE	2700 VA	100.00%	2700 VA	**TOTAL CONN. LOAD:**	2919 VA
				TOTAL EST. DEMAND:	2974 VA
				TOTAL CONN.:	12 A
				TOTAL EST. DEMAND:	12 A

NOTES: ** ESTIMATED LOAD SHOWN FOR LIGHTING. FIELD VERIFY WATTAGE LISTING OF EXISTING LIGHT FIXTURES AND ADJUST CIRCUITING TO PREVENT...

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REGISTERED PROFESSIONAL ENGINEER
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OREGON
MAY 10, 2021
CODY ARTHUR COWDIN
EXPIRES: 12/31/2023

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ELECTRICAL SCHEDULES

E-400

PERMIT SUBMITTAL

LIGHTING FIXTURE SCHEDULE

NOTES:

1. ALL FIXTURES SHALL BE U.L. OR SIMILARLY LISTED.
2. INCLUDE A MINIMUM 1 YEAR WARRANTY FOR LIGHTING FIXTURES, WHERE NOT OTHERWISE SPECIFIED.
3. REFER TO ARCHITECTURAL DOCUMENTS FOR EXACT MOUNTING LOCATIONS, DETAILS, AND CONFIGURATIONS OF ALL LUMINAIRES. IF ARCHITECTURAL DRAWINGS DO NOT CLARIFY EXACT MOUNTING LOCATION OR DETAIL, ISSUE AN RFI FOR ARCHITECT TO SPECIFICALLY CLARIFY PRIOR TO FIXTURE ROUGH-IN.
4. VERIFY COMPATIBILITY OF LIGHT FIXTURES WITH CEILING MATERIAL, ADJACENT CONSTRUCTION, AND ADJACENT FINISHES PRIOR TO SHOP DRAWINGS SUBMITTAL NOTIFY THE ARCHITECT OF ANY CONFLICTS WITH THE PROPOSED INSTALLATION.
5. CONTRACTOR IS RESPONSIBLE FOR ALL MISCELLANEOUS HARDWARE NECESSARY TO INSTALL AND SUPPORT THE LUMINAIRES.
6. AIM AND TARGET ADJUSTABLE INTERIOR AND EXTERIOR LIGHT FIXTURES UNDER THE OBSERVATION AND IN COMPLIANCE WITH RECOMMENDATIONS OF THE ARCHITECT. INCLUDE LABOR AND MATERIAL COSTS MADE NECESSARY BY THIS REQUIREMENT.
7. CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND FILLING OUT ALL UTILITY REBATE FORMS FOR OWNER.

DESIGNED BY: CAC

TYPE	MANUFACTURER	MODEL	DESCRIPTION	FINISH	LUMENS	CRI	DRIVER TYPE	SOURCE-CCT	VOLTAGE	LOAD-VA	APPROVED EQUALS	LIGHTING POLE
L1	ACUITY - LITHONIA	FEM L48 3000LM LPPFL WD MVOLT GZ10 40K 80CRI	LOW-PROFILE GASKETED 4FT LED LINEAR, SURFACE MOUNTABLE, POLYCARBONATE FROSTED LENS	WHITE	3000	80	INTEGRAL	LED - 4000K	120 V	18 VA	COOPER, CURRENT, OR AS APPROVED BY ENGINEER	-
L1A	ACUITY - LITHONIA	FEM L48 3000LM LPPFL WD MVOLT GZ10 40K 80CRI ANGBKT	LOW-PROFILE GASKETED 4FT LED LINEAR, SURFACE MOUNTABLE, POLYCARBONATE FROSTED LENS, PROVIDE ANGLE MOUNTING BRACKET FOR ANGLED WALL MOUNTING	WHITE	3000	80	INTEGRAL	LED - 4000K	120 V	18 VA	COOPER, CURRENT, OR AS APPROVED BY ENGINEER	-
L2	ACUITY - LITHONIA	FEM L24 2000LM LPPFL WD MVOLT GZ10 40K 80CRI	LOW-PROFILE GASKETED 2FT LED LINEAR, SURFACE MOUNTABLE, POLYCARBONATE FROSTED LENS	WHITE	2000	80	INTEGRAL	LED - 4000K	120 V	14 VA	COOPER, CURRENT, OR AS APPROVED BY ENGINEER	-
L2A	ACUITY - LITHONIA	FEM L24 2000LM LPPFL WD MVOLT GZ10 40K 80CRI ANGBKT	LOW-PROFILE GASKETED 2FT LED LINEAR, SURFACE MOUNTABLE, POLYCARBONATE FROSTED LENS, PROVIDE ANGLE MOUNTING BRACKET FOR ANGLED WALL MOUNTING	WHITE	2000	80	INTEGRAL	LED - 4000K	120 V	14 VA	COOPER, CURRENT, OR AS APPROVED BY ENGINEER	-
P1	ACUITY - LITHONIA	DSX0 LED P3 40K 70CRI BLC4 MVOLT NLITAIR2 PIRHN CCE EGSR DBLXD	POLE MOUNTED LED AREA LUMINAIRE, FULL CUTOFF OPTIC, 20FT MOUNTING HEIGHT, INTEGRAL MOTION AND PHOTOCELL SENSOR, BI-LEVEL DIMMING CAPABLE, WIRELESSLY PROGRAMMABLE, EXTERNAL GLARE SHEILD, COASTAL ENVIRONMENT RATED	BLACK	6600	70	INTEGRAL	LED - 4000K	277 V	69 VA	COOPER, CURRENT, OR AS APPROVED BY ENGINEER	BASIS OF DESIGN: SHAKESPEARE, SS4A-20, 20FT, 4" STRAIGHT SQUARE COMPOSITE POLE WITH ANCHOR BASE, 2.3 EPA @ 120MPH, BOLT HOLE CIRCLE 8"-12.5", WEIGHT 47LBS, BLACK; OR ENGINEER APPROVED EQUAL
P1A	ACUITY - LITHONIA	DSX0 LED P3 40K 70CRI BLC4 MVOLT NLITAIR2 PIRHN CCE EGSR DBLXD	OLE MOUNTED LED AREA LUMINAIRE, FULL CUTOFF OPTIC, 10FT MOUNTING HEIGHT, INTEGRAL MOTION AND PHOTOCELL SENSOR, BI-LEVEL DIMMING CAPABLE, WIRELESSLY PROGRAMMABLE, EXTERNAL GLARE SHEILD, COASTAL ENVIRONMENT RATEDSOR, BI-LEVEL DIMMING CAPABLE, WIRELESSLY PROGRAMMABLE, COASTAL ENVIRONMENT RATED	BLACK	6600	70	INTEGRAL	LED - 4000K	277 V	69 VA	COOPER, CURRENT, OR AS APPROVED BY ENGINEER	BASIS OF DESIGN: SHAKESPEARE, SS4A-10, 10FT, 4" STRAIGHT SQUARE COMPOSITE POLE WITH ANCHOR BASE, 11.1 EPA @ 120MPH, BOLT HOLE CIRCLE 8"-12.5", WEIGHT 27LBS, BLACK; OR ENGINEER APPROVED EQUAL
P2	ACUITY - LITHONIA	DSX0 LED P3 40K 70CRI T3M MVOLT NLITAIR2 PIRHN CCE EGSR DBLXD	POLE MOUNTED LED AREA LUMINAIRE, 20FT MOUNTING HEIGHT, INTEGRAL MOTION AND PHOTOCELL SENSOR, BI-LEVEL DIMMING CAPABLE, WIRELESSLY PROGRAMMABLE, EXTERNAL GLARE SHEILD, COASTAL ENVIRONMENT RATED	BLACK	8800	70	INTEGRAL	LED - 4000K	277 V	69 VA	COOPER, CURRENT, OR AS APPROVED BY ENGINEER	BASIS OF DESIGN: SHAKESPEARE, SS4A-20, 20FT, 4" STRAIGHT SQUARE COMPOSITE POLE WITH ANCHOR BASE, 2.3 EPA @ 120MPH, BOLT HOLE CIRCLE 8"-12.5", WEIGHT 47LBS, BLACK; OR ENGINEER APPROVED EQUAL
WP1	ACUITY - LITHONIA	WDGE2 LED P2 40K 70CRI T2M MVOLT SRM NLTAIR2 PIR DBLXD	EXTERIOR WALLPACK LED, INTEGRAL MOTION AND PHOTOCELL SENSOR, BI-LEVEL DIMMING CAPABLE, WIRELESSLY PROGRAMMABLE, COASTAL ENVIRONMENT RATED	BLACK	2300	70	INTEGRAL	LED - 4000K	120 V	19 VA	COOPER, CURRENT, OR AS APPROVED BY ENGINEER	-

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CODY ARTHUR COWDIN
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ELECTRICAL SCHEDULES

E-401

PERMIT SUBMITTAL

NOTES

A. APPROXIMATE SIZE AND LOCATION OF ELECTRICAL EQUIPMENT IS SHOWN, BASED ON OBSERVED SITE CONDITIONS. FIELD VERIFY EXACT EQUIPMENT LOCATION AND SIZE.

B. COORDINATE INSTALLATION OF NEW EQUIPMENT WITH OTHER WORK IN THE AREA.

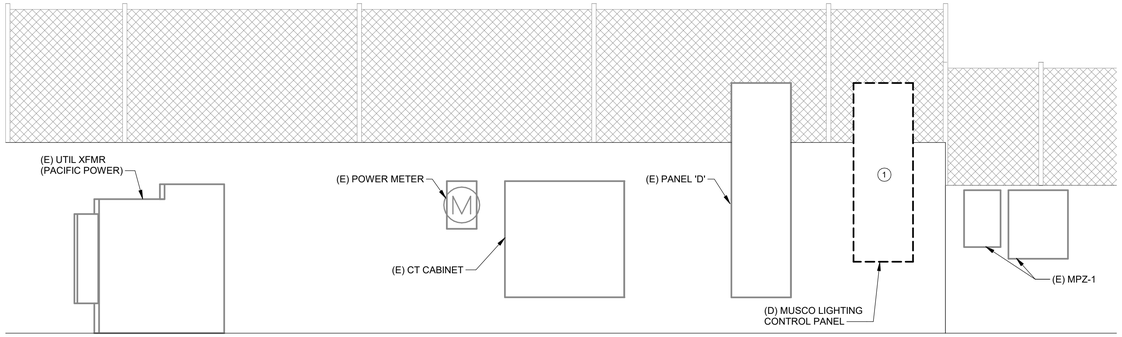
C. LEGEND:
(D) = ITEM TO BE DEMOLISHED
(E) = EXISTING TO REMAIN

KEYNOTES (#)

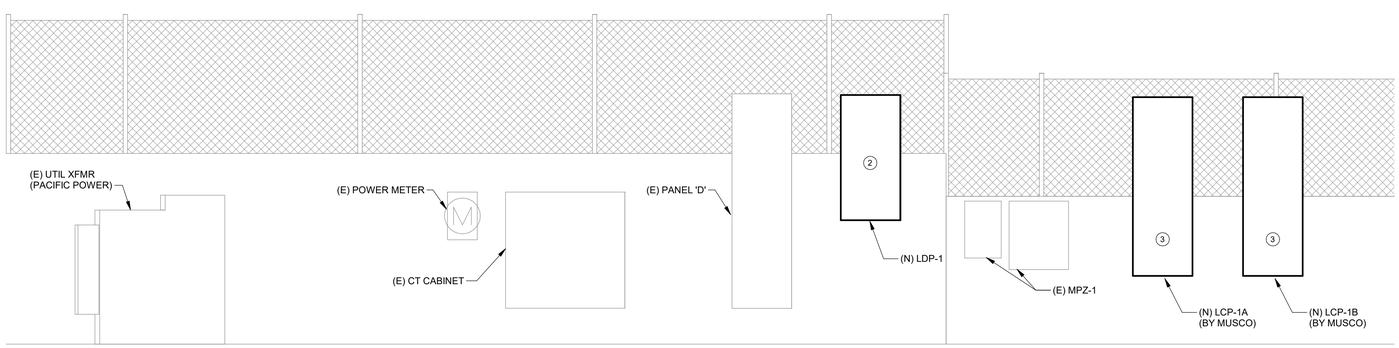
1. DEMO EXISITING MUSCO LIGHTING CONTROL PANEL AND TURN OVER TO MUSCO.

2. PROVIDE AND INSTALL NEW PANELBOARD LDP-1 IN THE APPROXIMATE LOCATION SHOWN. PROVIDE MOUNTING HARDWARE, CONNECTORS AND ALL APPURTENANCES AS REQUIRED TO SECURE PANEL TO SKATEPARK WALL. REFERENCE SHEET E-300 FOR PANEL AND FEEDER INFORMATION.

3. INSTALL NEW 2-SECTION LIGHTING CONTROL PANEL LCP-1, SUPPLIED BY MUSCO. PROVIDE MOUNTING HARDWARE, CONNECTORS AND ALL APPURTENANCES AS REQUIRED TO SECURE PANELS TO SKATEPARK WALL.



2 ELECTRICAL MAIN DISTRIBUTION EQUIPMENT - EXISTING
1/2" = 1'-0"



1 ELECTRICAL MAIN DISTRIBUTION EQUIPMENT - NEW WORK
1/2" = 1'-0"

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SECTIONS & DETAILS

E-500

PERMIT SUBMITTAL

TECHNOLOGY GENERAL NOTES

1. ALL NOTES APPLY TO THE FOLLOWING SERIES SHEETS: T SERIES
2. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN ONLY AFTER PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION IS COMPLETE. COORDINATE WITH BUILDING STRUCTURE, ARCHICTURE, MECHANICAL SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, EQUIPMENT ACCESS/CLEARANCE, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK OF INSTALLED EQUIPMENT RESULTING FROM INSUFFICIENT COORDINATION.
3. INCORPORATE THE REQUIREMENTS OF THE SPECIFICATIONS, DRAWINGS, AND STATE AND LOCAL CODES INTO THE INSTALLATION OF COMMUNICATIONS AND LIFE SAFETY/SECURITY SYSTEMS.
4. EACH TRADE IS RESPONSIBLE FOR MAKING PENETRATIONS WHERE REQUIRED IN EXISTING OR NEW WALLS, FLOORS, CEILINGS, AND ROOFS. MAKE PENETRATIONS NEAT. CONCEAL OR CAULK OVERCUT.
5. PROVIDE A PULL STRING IN ALL NEW CONDUITS FOR EASE OF CABLE INSTALLATION.

ABBREVIATIONS - TECHNOLOGY

ADDL	ADDITIONAL
AL	AUDIO LEFT
AR	AUDIO RIGHT
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	AUDIO VISUAL, ALARM VALVE
AVG	AVERAGE
AWG	AMERICAN WIRE GAUGE
BAT	BATTERY
BFF	BELOW FINISH FLOOR
BKGD	BELOW / UNDERGROUND
BLDG	BUILDING
BLW	BELOW / UNDERGROUND
BOT	BOTTOM
BTWN	BETWEEN
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
CD	CONSTRUCTION DOCUMENT
CL	CENTER LINE, CLOSE, CLOSET
CM	CONSTRUCTION MANAGER
CTRL	CONTROL
CTV	CABLE TELEVISION, CONTROL VALVE
(D)	EXISTING TO BE DEMOLISHED
DEF	DEFINITION
DEG	DEGREE
DEMO	DEMOLITION
DESCR	DESCRIPTION
DET	DETAIL
DGTL	DIGITAL
DIAG	DIAGRAM
DWG	DRAWING
E	EXISTING TO REMAIN
ER	EXISTING TO BE RELOCATED
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRIC, ELECTRICAL
EM	EMERGENCY LIGHT FIXTURE
EMER	EMERGENCY
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EXCL	EXCLUDE
FBO	FURNISHED BY OTHERS
FLEX	FLEXIBLE
FR	FLOOR RECEPTACLE, FIRE RATING
FREQ	FREQUENCY
FT	FOOT, FEET
FUT	FUTURE
G	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GC	GENERAL CONTRACTOR
IRE	INFRARED EMITTER
JB	JUNCTION BOX
KVA	KILO-VOLT-AMPERES
KW	KILOWATTS
LVC	LOW VOLTAGE CONTROL
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MAX	MAXIMUM
MLC	MOTOR LOGIC CONTROL
MTD	MOUNTED
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NM	NONMETALLIC
NO	NORMALLY OPEN, NUMBER
NTS	NOT TO SCALE
OAE	OR APPROVED EQUAL
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
PB	PULL BOX, PUSH BUTTON
PNL	PANEL
PWR	POWER
QTY	QUANTITY
R	EXISTING ITEM TO BE REMOVED
RR	EXISTING ITEM TO BE REMOVED AND RELOCATED
RN	EXISTING ITEM TO BE REMOVED AND REPLACED WITH NEW
RCP	REFLECTED CEILING PLAN
REC	RECESSED
RECPT	RECEPTACLE
REQD	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
S	SYNC
SCCR	SHORT CIRCUIT CURRENT RATING
SCHED	SCHEDULE
SECT	SECTION
SPEC	SPECIFICATION
SPKR	SPEAKER
STP	SHIELDED TWISTED PAIR(S)
SYS	SYSTEM
TBD	TO BE DETERMINED
TC	TECHNOLOGY CENTER
TEL	TELEPHONE
TM	TERMINAL BLOCK
TV	TELEVISION
TYP	TYPICAL
UC	UNDERCOUNTER
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTIL	UTILITY
V	VIDEO, VOLT, VENT
VCR	VIDEO CASSETTE RECORDER
W	WATT, WIRE, WALL PHONE, WIDTH
WG	WIREGUARD COVER
WP	WEATHERPROOF DEVICE
WR	WEATHER RESISTANT DEVICE, WALL RECEPTACLE
XFER	TRANSFER
XFMR	TRANSFORMER
+24"	INDICATES MOUNTING HEIGHT CENTER LINE OF DEVICE TO FINISHED FLOOR

GENERAL SYMBOLS

- CONDUIT SLEEVE
- CONDUIT UP, REFER TO TAG ON DRAWING FOR SIZE
- CONDUIT DOWN, REFER TO TAG ON DRAWING FOR SIZE
- JUNCTION BOX, CEILING OR FLOOR MOUNTED.
- JUNCTION BOX, WALL MOUNTED, ELEVATION AS NOTED.
- CIRCUIT HOMERUN, CONCEALED CONDUIT OR CABLE
- CIRCUIT HOMERUN, UNDER FLOOR CONDUIT OR CABLE
- (#) KITCHEN EQUIPMENT TAG NUMBER, REFER TO KITCHEN EQUIPMENT CONNECTION SCHEDULE
- (#) KEYNOTE
- XXX / X EQUIPMENT IDENTIFICATION TAG. REFER TO EQUIPMENT CONNECTION SCHEDULE
- 1 / A101 SIM DETAIL DRAWING REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE; SHEET REFERENCE
- SECTION CUT REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE; SHEET REFERENCE
- A101 / 1 Ref INTERIOR ELEVATION DRAWING REFERENCE TAG

GROUNDING AND BONDING SYMBOLS

- GROUND BAR
- TMGB TELECOMMUNICATIONS MAIN GROUND BAR
- TGB TELECOMMUNICATIONS GROUND BAR

SEE RISER DIAGRAM AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

VIDEO SURVEILLANCE SYMBOLS

- CAM-# VIDEO SURVEILLANCE CAMERA - REFER TO SCHEDULE
- C DATA CABLING - SINGLE CAT 6 CABLE PER LOCATION FOR CAMERA USE

AUDIO VISUAL SYMBOLS

- AV AUDIO INPUT
- S S WALL MOUNTED SPEAKER
- M MICROPHONE INPUT - XLR JACK
- A WIFI ANTENNA

TECHNOLOGY DRAWING LIST

TECHNOLOGY RESPONSIBILITY MATRIX

PROVISION RESPONSIBILITIES DEFINED	OFOI	OFCI	CFCI	CFOI
COMMUNICATIONS - AUDIO-VISUAL SYSTEMS:				
ROUGH-IN, PATHWAYS AND SLEEVES (GENERAL CONTRACTOR/ELECTRICAL CONTRACTOR)			●	

- ● OFOI OWNER FURNISHED & OWNER INSTALLED
- ● OFCI OWNER FURNISHED & CONTRACTOR INSTALLED
- ● CFCI CONTRACTOR FURNISHED & CONTRACTOR INSTALLED
- ● CFOI CONTRACTOR FURNISHED & OWNER INSTALLED

GENERAL NOTE:
A. MATRIX IS NOT INTENDED TO BE EXHAUSTIVE TO COVER ALL MATERIALS NECESSARY FOR SCOPE AND SHOULD ONLY BE USED TO QUICKLY IDENTIFY SYSTEMS AND RELATED INFRASTRUCTURE INSIDE AND OUTSIDE THE BID OF THIS PROJECT. ANY ITEMS FURNISHED OR INSTALLED BY THE BIDDING CONTRACTOR SHALL COVER ALL REQUIRED APPERTUNANCES NECESSARY FOR A COMPLETE SYSTEM. THIS SHALL INCLUDE BUT NOT BE LIMITED TO, EQUIPMENT, ACCESSORIES, TERMINATIONS, TERMINATION COMPONENTS, ALL FINAL CORDAGE CONNECTIVITY, SOFTWARE, PROGRAMMING, AND THE LABOR TO INSTALL.

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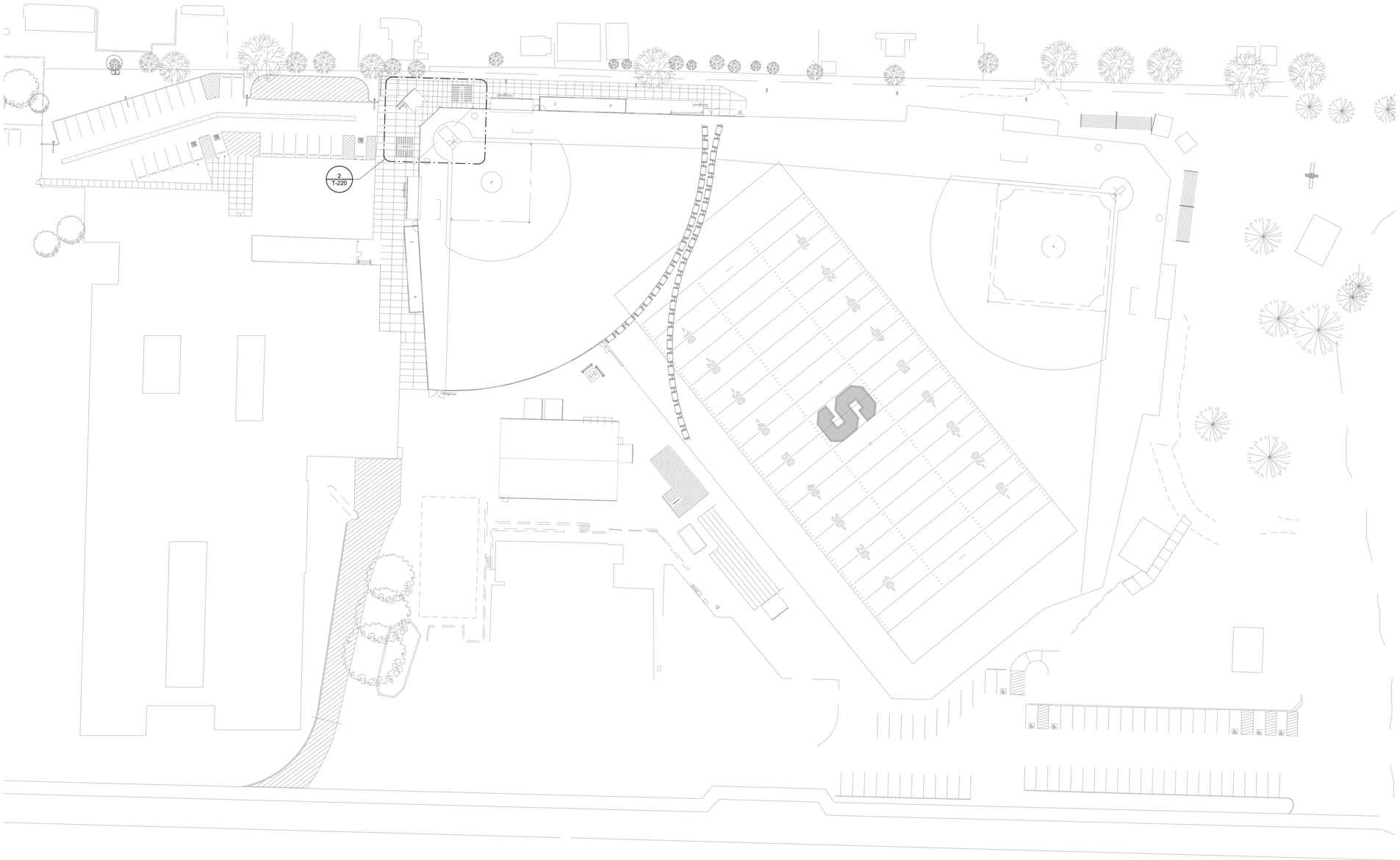
TECHNOLOGY COVER

T-000

PERMIT SUBMITTAL



1 T-100 SITE PLAN - TECHNOLOGY
1" = 40'-0"

ONE INCH EQUALS FULL SCALE

5/19/2023 10:35:55 AM BIM 360://22264 - Broadway Field Seaside/22264.00-BROADWAY FIELD SEASIDE-MEP-R21.rvt

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524 Main Street, Suite 2, Oregon City, Oregon 97045 | 503-659-2205

SEASIDE SCHOOL DISTRICT
1400 BROADWAY ST.
SEASIDE, OR 97138

BROADWAY FIELD RENOVATION

KCL ENGINEERING
199 E. 5th Ave,
Suite 35
Eugene, OR 97401
503-212-4612

REGISTERED PROFESSIONAL ENGINEER
99536PE
OREGON
MAY 10, 2022
CODY ARTHUR COWDIN
EXPIRES: 12/31/2023

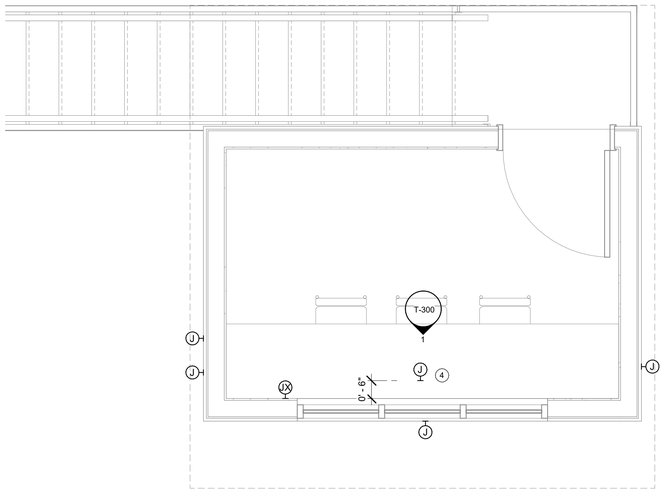
△REVISION ID:	DATE:

PROJECT NO.	22264.00
DRAWN:	OA
CHECKED:	JH
DATE:	05-19-23

SITE PLAN

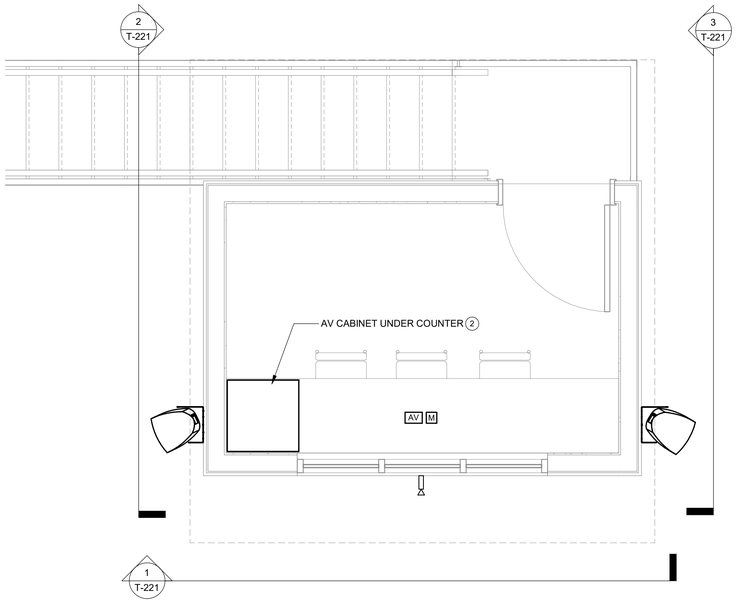
T-100

PERMIT SUBMITTAL



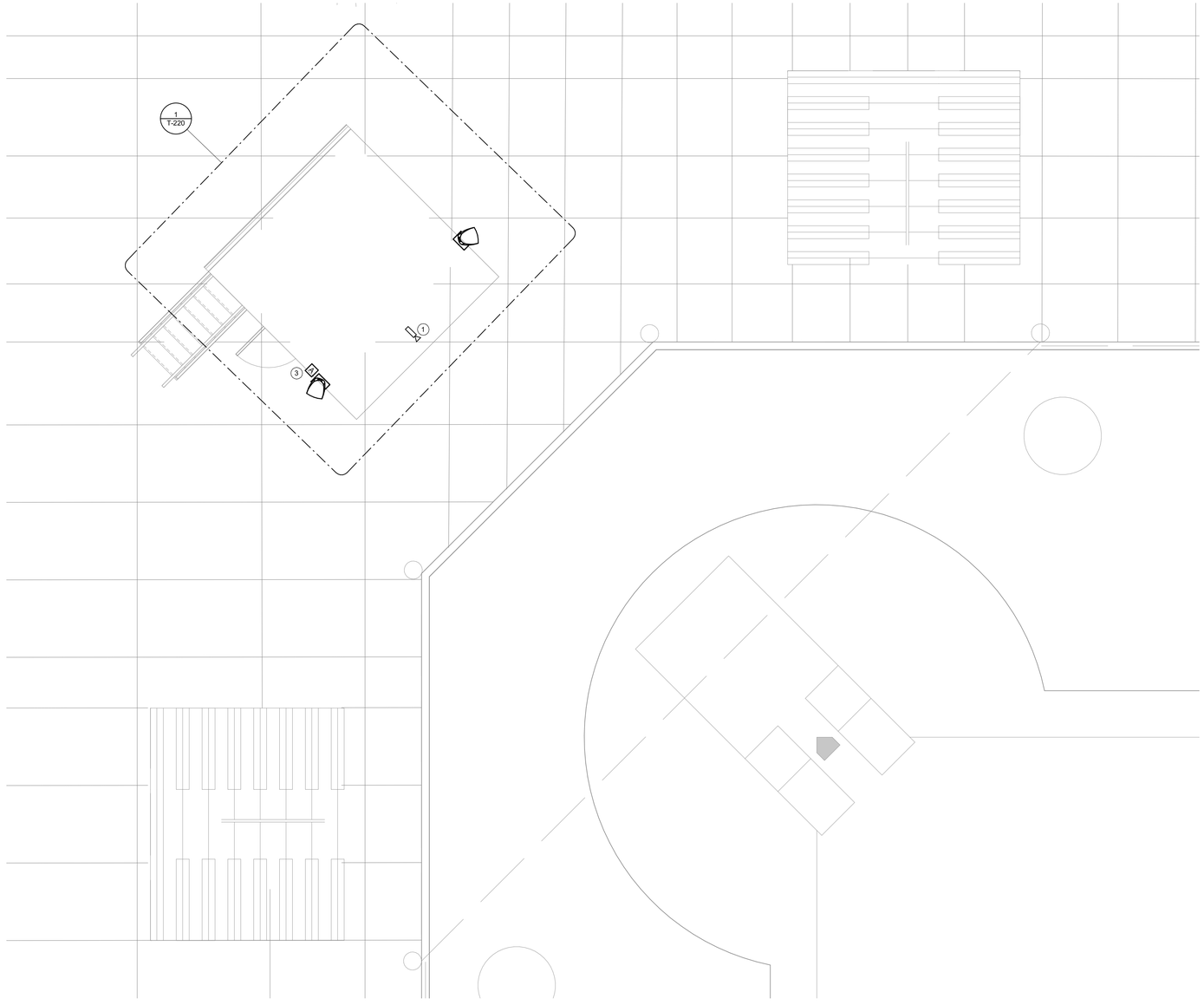
3 T-220 CROW'S NEST - UPPER FLOOR INFRASTRUCTURE PLAN - TECHNOLOGY

1/2" = 1'-0"



1 T-220 CROW'S NEST - UPPER FLOOR PLAN - TECHNOLOGY

1/2" = 1'-0"



2 T-220 SOFTBALL PARK - ENLARGED - TECHNOLOGY

1/4" = 1'-0"

KEYNOTES (#)

1. PIXELLOT CAMERA FOR LIVE STREAMING TO BE MOUNTED TO CROW'S NEST BUILDING EXTERIOR AT APPROPRIATE ANGLE AND HEIGHT TO PROVIDE FULL FIELD COVERAGE. CAMERA AND SYSTEM HEAD END TO BE OFCI.
2. AV CABINET TO HOUSE PA SYSTEM AMPLIFIER AND PIXELLOT CAMERA HEAD END.
3. UBIQUITY NANOBEAM WIFI BRIDGE. CONTRACTOR FURNISHED, OWNER INSTALLED. CONTRACTOR TO RUN CAT6A CABLE FROM CAMERA WALL J BOX TO AV RACK LOCATION. TERMINATE CABLE AT BOTH ENDS IN CAT6A JACK, LEAVE 18" SLACK AT WALL J BOX, AND 5' SLACK AT AV RACK.
4. SINGLE GANG J BOX CUT IN TO SURFACE OF COUNTER FOR AV PLATE CONTAINING XLR MICROPHONE JACK (F) AND AUDIO INPUT JACK 1/8" STEREO MINI (F).

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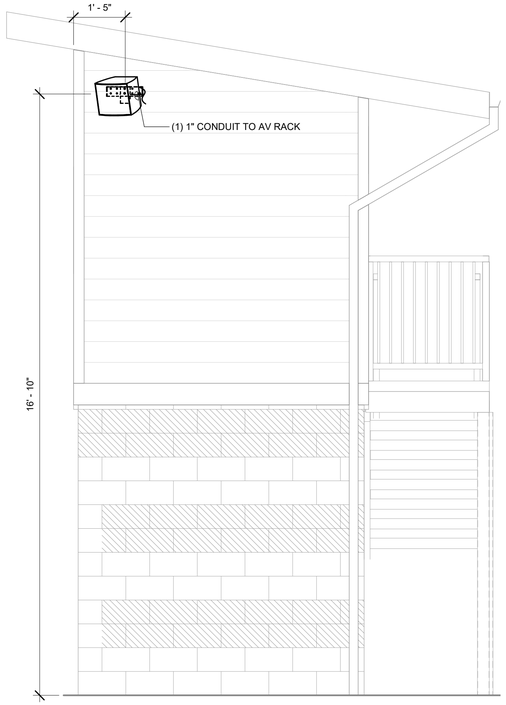
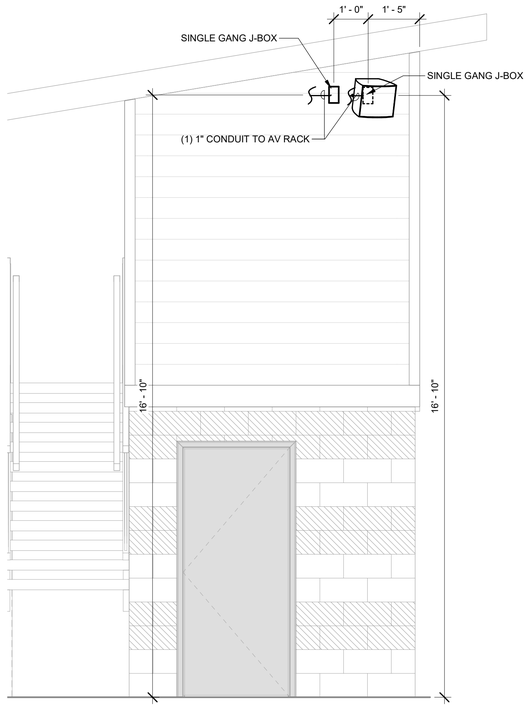
FLOOR PLANS - CROW'S NEST

T-220

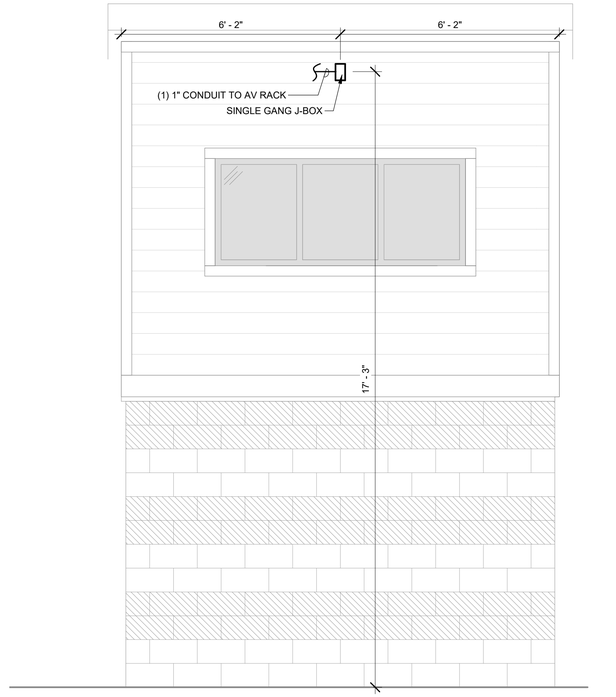
PERMIT SUBMITTAL



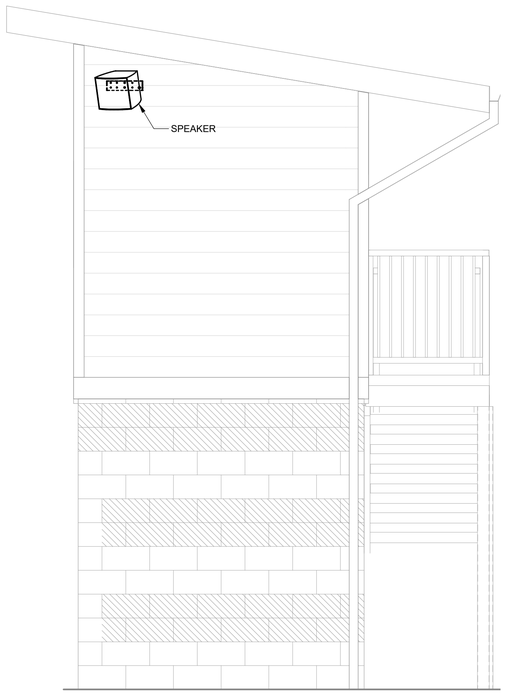
6 T-221 NORTHEAST CROW'S NEST CONDUIT DIAGRAM
1/2" = 1'-0"



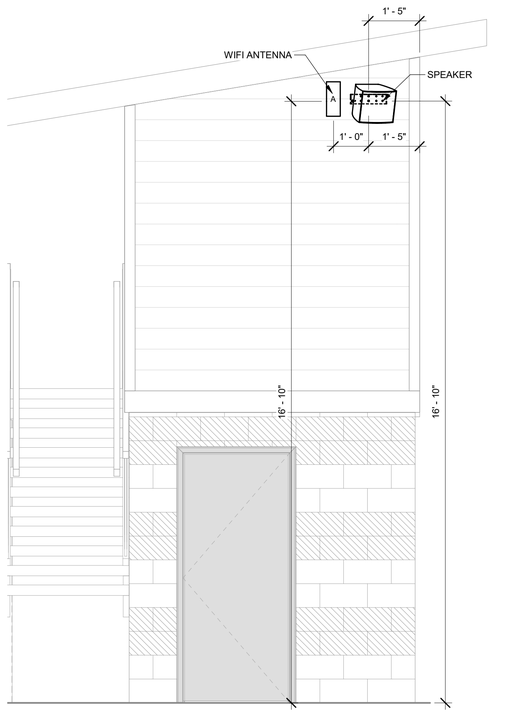
5 T-221 SOUTHWEST - CROW'S NEST CONDUIT DIAGRAM
1/2" = 1'-0"



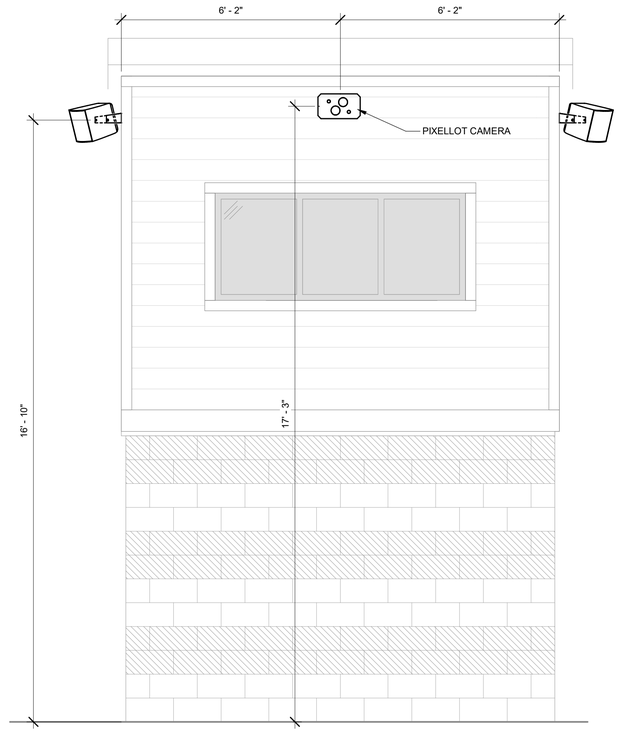
4 T-221 SOUTHEAST - CROW'S NEST CONDUIT DIAGRAM
1/2" = 1'-0"



3 T-221 NORTHEAST - CROW'S NEST ELEVATION-
1/2" = 1'-0"



2 T-221 SOUTHWEST - CROW'S NEST ELEVATION
1/2" = 1'-0"



1 T-221 SOUTHEAST - CROW'S NEST ELEVATION
1/2" = 1'-0"

ONE INCH EQUALS FULL SCALE 5/19/2023 10:24:47 AM BIM 360://22264 - Broadway Field Seaside/22264.00-BROADWAY FIELD SEASIDE-MEP-R21.rvt

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FLOOR PLANS - CROW'S NEST ELEVATION

T-221

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ELEVATION PLAN - TECHNOLOGY

T-300

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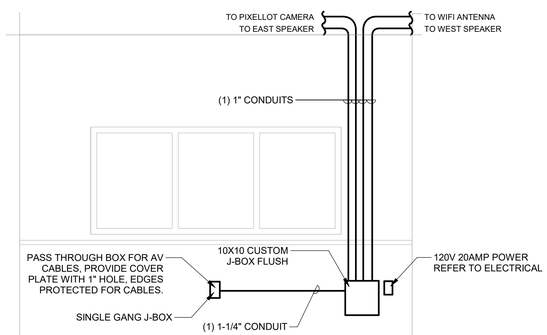
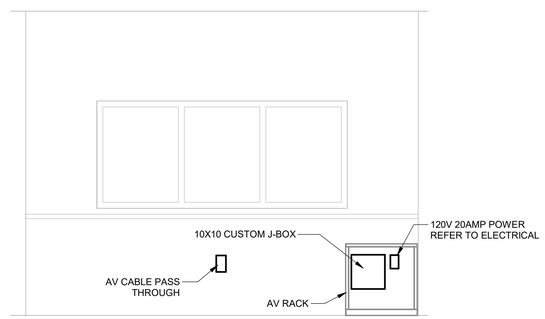


2 T-300 CROWS NEST - NORTH WALL CONDUIT DIAGRAM
1/2" = 1'-0"



1 T-300 CROWS NEST - NORTH WALL ELEVATION DIAGRAM
1/2" = 1'-0"

ONE INCH EQUALS FULL SCALE

5/19/2023 10:24:47 AM BIM 360://22264 - Broadway Field Seaside/22264.00-BROADWAY FIELD SEASIDE-MEP-R21.rvt

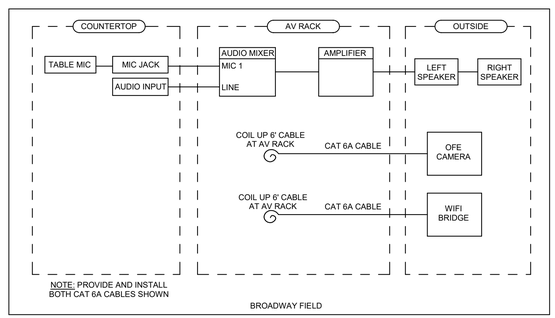
Broadway Field

THE FOLLOWING EQUIPMENT IS LISTED QUANTITIES FOR ALL LOCATIONS OF THIS TYPE. MISC MATERIALS AND LABOR SHOULD BE INCLUDED FOR ALL LOCATIONS. AV BIDDER RESPONSIBLE FOR REVIEW OF ALL DRAWINGS, SPECIFICATIONS AND NOTES SECTION OF THIS TAB. FORM AS REQUIRED TO PROVIDE WORST CASE PRICING. THIS SPREADSHEET CAN BE MODIFIED. BIDDER MAY

BASE BID			
	BASIS-OF DESIGN		
DESCRIPTION	MANUFACTURER	MODEL/PART	QTY
AUDIO			
Speakers	Biamp	R.35COAX	2
Adjustable Speaker Mount	Biamp	R-VTY35	2
Preamp and mixer	Extron	MVC 121 Plus	1
Amplifier	Extron	XPA 2001-70V	1
Table microphone with switch	Shure	CVG12DS-B/C	1
Audio input plate for counter top (black) confirm color with architect before ordering	RDL	D Series-J3M	1
6' 1/8" TRS audio input cable	Extron	A Mini/6	1
VIDEO/WIFI			
WiFi Bridge (provide hardware, owner will install) provide and install CAT6a cable from bridge to AV rack, leaving 6' slack at AV rack. Terminate in RJ45 plug both ends.	Ubiquity	Nano Station M5	1
Provide and install CAT6a cable from camera J box to AV rack. Terminate in RJ45 plug at both ends, leaving 6' slack at AV rack.	Vendor choice	TBD	Batch
MISCELLANOUS			
AV Rack	MAP	BRK12-22	1
Rack front door	MAP	RK-GD12	1
Horizontal power distribution	MAP	PDC-915R-6	1
Rack shelf for Preamp	Extron	RSB 123	1
Rack shelf for amplifier	Extron	HRU 109	1
LOT-INTERCONNECTING CORDS AND CABLES, PATCH CABLES, WIRING, JACKS, PLUGS, CONNECTORS, PLATES, TERMINATION BLOCKS/STRIPS, PATCH PANELS, MOUNTING HARDWARE, SHELVES, SECURITY COVERS, LACING BARS, BLANKS, VENTS, JUNCTION BOXES, TERMINATION BOXES, THERMAL MANAGEMENT, POWER SUPPLIES, POWER DISTRIBUTION, GROUNDING, WIREWAYS, FLEXIBLE CONDUIT, CABLE SUPPORT/WRAPS AND MISC. HARDWARE/SOFTWARE TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM	CUSTOM BY AUDIOVISUAL CONTRACTOR ITEMIZE ANY MISC COMPONENTS HERE AND PROVIDE LUMP SUM PRICING		LOT

System Functional Summary

1) Provide and installl 2 outdoor speakers including cabling
2) Provide and install mic and line level audio input plate at counter including cabling
3) Provide and install audio mixer and amplifer at AV rack, including all connecting cables
4) Provide and install AV cabinet locking front door and horizontal PDU
5) Provide and run cabling for WiFi bridge. Actual installation will be done by owner
6) Provide cabling for OFE camera
7) Unless otherwise noted as OFE, all equipment is AV contractor provided
8) All equipment listed is AV contractor installed, regardless of who provides unless otherwise noted



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TECHNOLOGY DIAGRAMS

T-400

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