

# SOUTHRIDGE HS - STORAGE SHED & TICKET BOOTH

BEAVERTON, OR

## BEAVERTON SCHOOL DISTRICT

OWNER

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## TBD

CONTRACTOR

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CONTACT: --

CCB #:-----

## CIDA, INC.

ARCHITECT/ STRUCTURAL ENGINEER

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## AAI ENGINEERING

CIVIL/LANDSCAPE

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## R&W ENGINEERING

MECHANICAL/ELECTRICAL

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NORTH  
VICINITY MAP  
NO SCALE

### PROJECT DESCRIPTION

THIS PROJECT IS AN ACCESSORY BUILDING FOR SOUTHRIDGE HIGH SCHOOL. THE BUILDING IS TO BE USED FOR ATHLETIC EQUIPMENT STORAGE AND INCLUDES A TICKET BOOTH FOR SPORTING EVENTS. THE EXISTING SHOT PUT AREA WILL BE RELOCATED. BUILDING IS NON-CONDITIONED AND NON-SPRINKLERED.

### LEGAL DESCRIPTION

TAX LOT: 300  
TAX MAP: 1S128DD

### ZONING CODE INFORMATION

ZONE: RMC  
BUILDING SETBACKS REQUIRED:  
NORTH: 5 FT (808 FT PROVIDED)  
EAST: 10 FT (100 FT PROVIDED)  
SOUTH: 5 FT (475 FT PROVIDED)  
WEST: 15 FT (723 FT PROVIDED)  
BUILDING HEIGHT LIMIT: 35 FT (17 FT PROVIDED)

### BUILDING CODE INFORMATION

DESIGN CODE: 2022 OREGON STRUCTURAL SPECIALTY CODE (OSSC)  
OCCUPANCY: S-1, B (NON-SEPARATED)  
CONSTRUCTION TYPE: V-B (NON-SPRINKLERED)  
BUILDING AREA: 1,825 SF  
CH.5 BUILDING AREA (BASED ON MOST RESTRICTIVE OCCUPANCY S-1) TABLE 506.2 - ALLOWABLE AREA DETERMINATION  
ALLOWABLE: 9,000 SF  
ACTUAL: 1,825 SF  
CH.7 FIRE & SMOKE PROTECTION TABLE 705.5 - FIRE RESISTANCE RATING BASED ON FIRE SEPARATION DISTANCE  
NORTH: 0 HR  
EAST: 0 HR  
SOUTH: 0 HR  
WEST: 0 HR  
CH.9 FIRE PROTECTION 903 - AUTOMATIC SPRINKLER SYSTEM S-1 OCCUPANCY: FIRE AREA DOES NOT EXCEED 12,000 SF. SPRINKLERS NOT REQUIRED.  
906 - FIRE EXTINGUISHERS PORTABLE FIRE EXTINGUISHERS TO BE LOCATED IN APPROXIMATE AREAS SHOWN ON FLOOR PLAN. FINAL LOCATION & QUANTITY TO BE CONFIRMED BY FIRE MARSHAL.  
907.2.10 - FIRE ALARM S-1 OCCUPANCY: OCCUPANCY DOES NOT EXCEED THREE STORIES. ALARM SYSTEM NOT REQUIRED.  
CH.10 MEANS OF EGRESS 1004.5 - OCCUPANT LOAD OCCUPANCY LOAD: SEE A1.1  
TABLE 1006.2.1 NUMBER OF EXITS EXITS REQUIRED: 1  
MAX COMMON PATH: 75 FT  
1008 - MEANS OF EGRESS ILLUMINATION ILLUMINATION REQUIRED. THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED. ILLUMINATION LEVEL: NOT LESS THAN 1 FOOT CANDLE AT WALKING SURFACE. EMERGENCY POWER IN THE EVENT OF POWER SUPPLY FAILURE. AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL OF THE FOLLOWING AREAS:  
AISLES  
EXTERIOR EGRESS COMPONENTS  
EXTERIOR LANDINGS  
TABLE 1017.2 - EXIT ACCESS TRAVEL DISTANCE WITHOUT SPRINKLERS: 200 FT  
PROVIDED: 61 FT

### BUILDING ENVELOPE REQUIREMENTS

DESIGN CODE: ASHRAE STANDARD 907.0-2019  
CLIMATE ZONE: 4C  
NOTE: BUILDING IS UNCONDITIONED - COMCHECK NOT REQUIRED. BUILDING WILL UTILIZE THE FOLLOWING INSULATION CRITERIA:  
ROOF: R-10  
WALLS: R-19  
UNHEATED SLAB ON GRADE: R-10 FOR 24 IN.  
OH DOORS: U-0.360  
SWING DOORS: U-0.370

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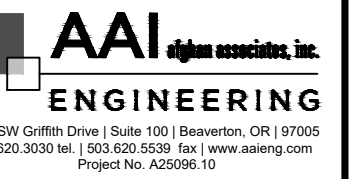
  

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EXPIRES: 6/30/2026

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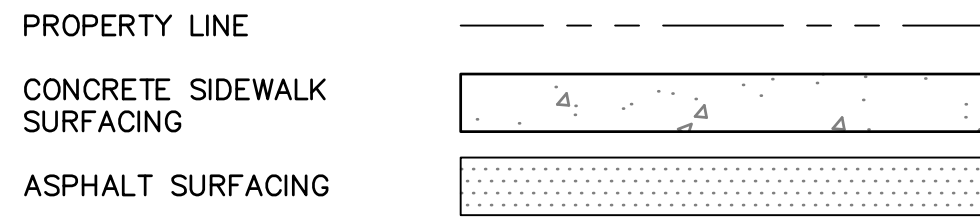
NEW CONSTRUCTION FOR SOUTHRIDGE HIGH SCHOOL STORAGE SHED & TICKET BOOTH 9625 SW 125TH AVE BEAVERTON, OR 97008

C0.1 GENERAL NOTES

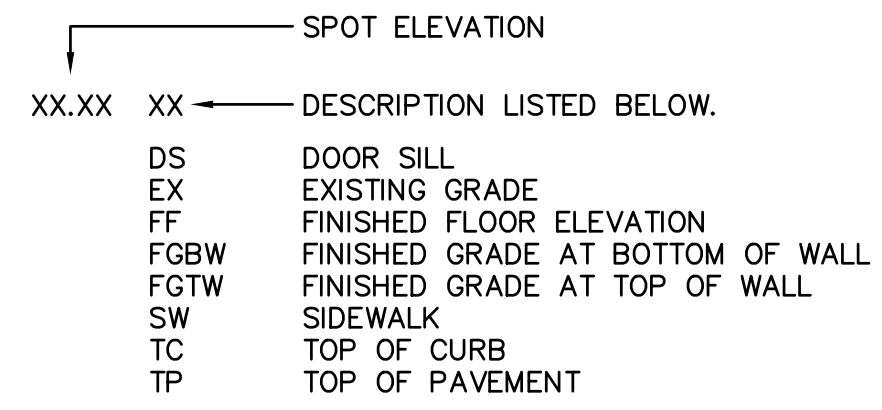
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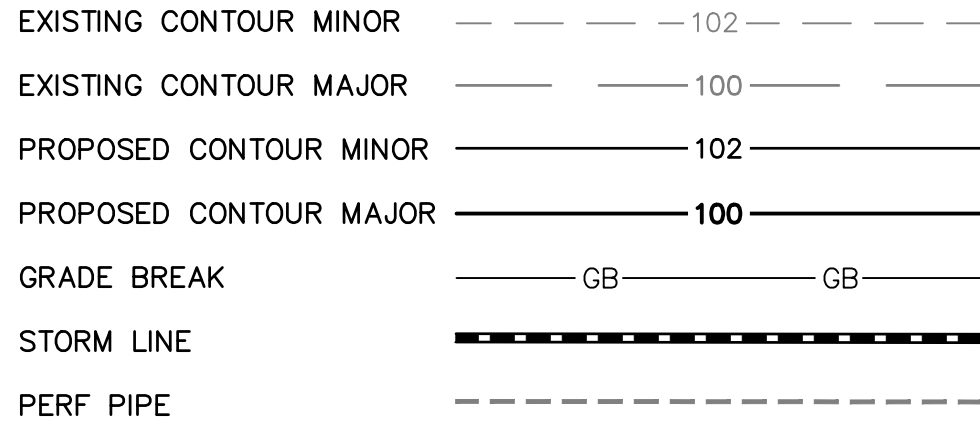
LEGEND



GRADING LABEL LEGEND

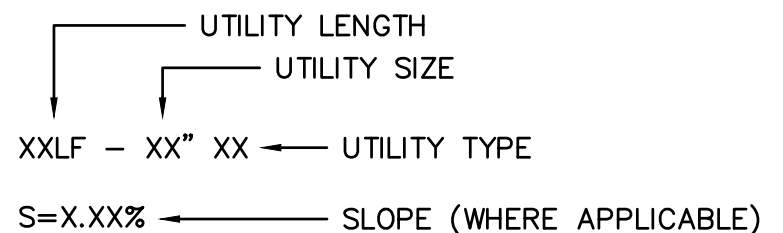


LEGEND

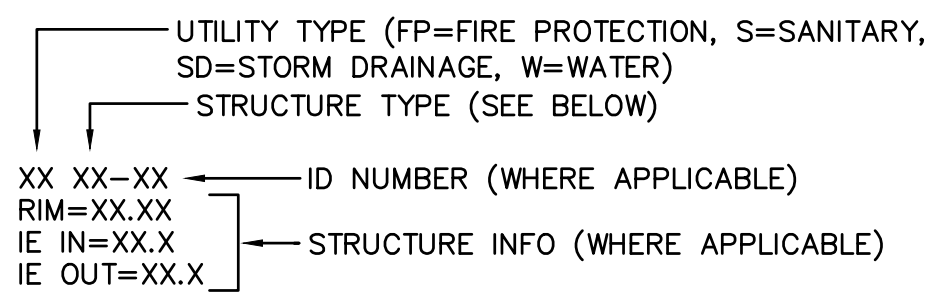


LABEL LEGEND

PIPE LABELS



STRUCTURE LABELS



MATERIAL NOTES

- 1. GENERAL: MATERIALS SHALL BE NEW. THE USE OF MANUFACTURER'S NAMES, MODELS, AND NUMBERS IS INTENDED TO ESTABLISH STYLE, QUALITY, APPEARANCE, AND USEFULNESS. PROPOSED SUBSTITUTIONS WILL REQUIRE WRITTEN APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.
2. STORM AND SANITARY SEWER PIPING SHALL BE PVC PIPE AS INDICATED IN THE PLANS. PIPES WITH LESS THAN 2' OF COVER SHALL BE C900/C905 PVC, HDPE OR DUCTILE IRON PIPE.
3. PRIVATE WATER MAINS 4-INCH DIAMETER AND LARGER SHALL BE DUCTILE IRON PIPE SCH 52 OR C900; AS INDICATED IN THE PLANS.
4. PRIVATE WATER LINES 3-INCH DIAMETER AND SMALLER SHALL BE TYPE K COPPER OR PVC; AS INDICATED IN THE PLANS.
5. CONCRETE FOR CURBS, SIDEWALK AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS.

SEPARATION STATEMENT

ALL WATER MAIN CROSSINGS SHALL CONFORM TO THE OREGON STATE HEALTH DEPARTMENT, CHAPTER 333. WATER MAINS SHALL CROSS OVER SANITARY SEWERS WITH A 18" MINIMUM CLEARANCE BETWEEN OUTSIDE DIAMETERS OF PIPE WITH ALL PIPE JOINTS EQUIDISTANT FROM CROSSING. HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SANITARY SEWERS IN PARALLEL INSTALLATIONS SHALL BE 10'. MAINTAIN 12" MINIMUM VERTICAL DISTANCE FOR ALL OTHER UTILITY CROSSINGS AND 12" HORIZONTAL PARALLEL DISTANCE. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN THE MINIMUM 10' HORIZONTAL SEPARATION, THE WATER MAIN SHALL BE LAID ON A SEPARATE SHELF IN THE TRENCH 18" INCHES ABOVE THE SEWER.

CONSTRUCTION NOTES

DEMOLITION

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF EXISTING AC, CURBS, SIDEWALKS AND OTHER SITE ELEMENTS WITHIN THE SITE AREA IDENTIFIED IN THE PLANS.
2. EXCEPT FOR MATERIALS INDICATED TO BE STOCKPILED OR TO REMAIN ON OWNER'S PROPERTY, CLEARED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY, REMOVED FROM THE SITE, AND DISPOSED OF PROPERLY.
3. ITEMS INDICATED TO BE SALVAGED SHALL BE CAREFULLY REMOVED AND DELIVERED/STORED AT THE PROJECT SITE AS DIRECTED BY THE OWNER.
4. ALL LANDSCAPING, PAVEMENT, CURBS AND SIDEWALKS, BEYOND THE IDENTIFIED SITE AREA, DAMAGED DURING THE CONSTRUCTION SHALL BE REPLACED TO THEIR ORIGINAL CONDITION OR BETTER.
5. CONCRETE SIDEWALKS SHOWN FOR DEMOLITION SHALL BE REMOVED TO THE NEAREST EXISTING CONSTRUCTION JOINT.
6. SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING AND NEW PAVEMENT.

UTILITIES

- 1. ADJUST ALL INCIDENTAL STRUCTURES, MANHOLES, VALVE BOXES, CATCH BASINS, FRAMES AND COVERS, ETC. TO FINISHED GRADE.
2. CONTRACTOR SHALL ADJUST ALL EXISTING AND/OR NEW FLEXIBLE UTILITIES (WATER, TV, TELEPHONE, ELEC., ETC.) TO CLEAR ANY EXISTING OR NEW GRAVITY DRAIN UTILITIES (STORM DRAIN, SANITARY SEWER, ETC.) IF CONFLICT OCCURS.
3. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES FOR THE INSTALLATION OF OR ADJUSTMENT TO GAS, ELECTRICAL, POWER AND TELEPHONE SERVICE.
4. BEFORE BACKFILLING ANY SUBGRADE UTILITY IMPROVEMENTS CONTRACTOR SHALL SURVEY AND RECORD MEASUREMENTS OF EXACT LOCATION AND DEPTH AND SUBMIT TO ENGINEER AND OWNER.

STORM AND SANITARY

- 1. CONNECTIONS TO EXISTING STORM AND SANITARY SEWERS SHALL CONFORM TO THE 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 00490, "WORK ON EXISTING SEWERS AND STRUCTURES".
2. BEGIN LAYING STORM DRAIN AND SANITARY SEWER PIPE AT THE LOW POINT OF THE SYSTEM, TRUE TO GRADE AND ALIGNMENT INDICATED WITH UNBROKEN CONTINUITY OF INVERT. THE CONTRACTOR SHALL ESTABLISH LINE AND GRADE FOR THE STORM AND SANITARY SEWER PIPE USING A LASER.
3. ALL ROOF DRAIN AND CATCH BASIN LEADERS SHALL HAVE A MINIMUM SLOPE OF 1 PERCENT UNLESS NOTED OTHERWISE IN THE PLANS.
4. ALL STORM AND SANITARY FITTINGS TO BE ECCENTRIC FITTINGS UNLESS OTHERWISE NOTED.

WATER

- 1. ALL WATER AND FIRE PROTECTION PIPE SHALL HAVE A MINIMUM 36-INCH COVER TO THE FINISH GRADE.
2. ALL WATER AND FIRE PRESSURE FITTINGS SHALL BE PROPERLY RESTRAINED WITH THRUST BLOCKS PER DETAIL.
3. ALL WATER MAIN / SANITARY SEWER CROSSINGS SHALL CONFORM TO THE OREGON STATE HEALTH DEPARTMENT REGULATIONS, CHAPTER 333.

EARTHWORKS

- 1. CONTRACTOR SHALL PREVENT SEDIMENTS AND SEDIMENT LADEN WATER FROM ENTERING THE STORM DRAINAGE SYSTEM.
2. TRENCH BEDDING AND BACKFILL SHALL BE AS SHOWN ON THE PIPE BEDDING AND BACKFILL DETAIL, THE PROJECT SPECIFICATIONS AND AS REQUIRED IN THE SOILS REPORT. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER WILL NOT BE PERMITTED.
3. SUBGRADE AND TRENCH BACKFILL SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER IS NOT PERMITTED.

PAVING

- 1. SEE ARCHITECTURAL PLANS FOR SIDEWALK FINISHING AND SCORING PATTERNS.

GENERAL NOTES

- 1. CONSTRUCTION LAYOUT (ALL ACTUAL LINES AND GRADES) SHALL BE STAKED BY A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OREGON, BASED ON COORDINATES, DIMENSIONS, BEARINGS, AND ELEVATIONS, AS SHOWN, ON THE PLANS.
2. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL POSITION PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
3. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE VERTICAL POSITION BASED ON THE BENCHMARK STATED HEREON, PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
4. WHEN DIMENSIONS AND COORDINATE LOCATIONS ARE REPRESENTED - DIMENSIONS SHALL HOLD OVER COORDINATE LOCATION. NOTIFY THE CIVIL ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY.
5. BUILDING SETBACK DIMENSIONS FROM PROPERTY LINES SHALL HOLD OVER ALL OTHER CALLOUTS. PROPERTY LINES AND ASSOCIATED BUILDING SETBACKS SHALL BE VERIFIED PRIOR TO CONSTRUCTION LAYOUT.
6. CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING MONUMENTATION DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT OF ANY MONUMENTS DAMAGED OR REMOVED DURING CONSTRUCTION. NEW MONUMENTS SHALL BE REESTABLISHED BY A LICENSED SURVEYOR.
7. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, THE PROJECT SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF THE 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2023 OREGON PLUMBING SPECIALTY CODE AND LOCAL JURISDICTION REQUIREMENTS.
8. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REGULATIONS. ALL PERMITS, LICENSES AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE EXECUTION AND COMPLETION OF WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
9. 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 OAR 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). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.
10. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF AAI ENGINEERING, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
11. THE ENGINEER OR OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR HIS CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
12. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE ESC FACILITIES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
14. TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN TO LOCAL JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.
16. THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
17. THE CONTRACTOR SHALL KEEP THE ENGINEER AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 24-HOUR NOTICE IS REQUIRED.
18. EXISTING SURVEY MONUMENTS ARE TO BE PROTECTED DURING CONSTRUCTION OR REPLACED IN ACCORDANCE WITH OREGON REVISED STATUTES 209.140 - 209.155.

NOTICE TO EXCAVATORS: 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 OAR 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).

POTENTIAL UNDERGROUND FACILITY OWNERS DIG SAFELY CALL THE OREGON ONE-CALL CENTER 1-800-332-2344 EMERGENCY TELEPHONE NUMBERS

NW NATURAL GAS M-F 7am-5pm 503-226-4211 EXT.4313 AFTER HOURS 503-226-4211 PGE 503-464-7777 QWEST 1-800-573-1311 VERIZON 1-800-483-1000



Know what's below. Call before you dig.

# TOPOGRAPHIC SURVEY

## "SOUTHRIDGE HIGH SCHOOL"

9625 SW 125TH AVE., "WESTERLY TOPO"  
 PARCEL 2 OF PARTITION PLAT NO. 1996-035  
 IN THE SE 1/4 OF SECTION 28  
 T. 1 S., R. 1 W., W.M.  
 CITY OF BEAVERTON  
 WASHINGTON COUNTY  
 OREGON

### SURVEYOR'S NOTES

1. THE BASIS OF BEARINGS FOR THIS SURVEY IS PER PARTITION PLAT NO. 1996-035, WASHINGTON COUNTY PLAT RECORDS. THIS IS NOT A RECORDABLE BOUNDARY SURVEY.
2. UNDERGROUND UTILITIES ARE SHOWN PER SURFACE MARKINGS. THE SURVEYOR MAKES NO GUARANTEE AS TO THE EXACT LOCATION, EXISTENCE, NON-EXISTENCE OR COMPLETENESS OF ANY SUBSURFACE UTILITIES SHOWN, OR NOT SHOWN ON THE MAP. CALL 811 BEFORE DIGGING.

### BENCHMARK

THE BENCHMARK USED FOR THIS PROJECT IS A CITY OF BEAVERTON BENCHMARK #B0160 ("CONESTOGA 125"), LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF SW CONESTOGA DRIVE AND SW 125TH AVENUE, ON THE TOP OF A BOLT ON THE SOUTHEAST OF A TRAFFIC POLE BASE, STAMPED "CITY OF BEAVERTON BENCHMARK 2024 CONESTOGA 125".

ELEVATION: 242.14' CITY OF BEAVERTON DATUM (NGVD29)

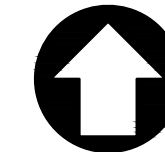
### LEGEND

	AREA DRAIN		BUILDING
	BOLLARD		FENCE
	CATCH BASIN		STORM DRAIN
	ELECTRIC LIGHT BOX		UNDERGROUND ELECTRIC
	FIRE HYDRANT		BLOCK
	GATE POST		CONCRETE
	LIGHT POLE		PAVEMENT
	NATURAL GROUND		SAND
	SIGN		TRACK
	SPOT ELEVATION		DEC = DECIDUOUS TREE
	BW = BOTTOM OF WALL		
	EC = EDGE OF CONCRETE		
	EP = EDGE OF PAVEMENT		
	ET = EDGE OF TRACK		
	G = GUTTER LINE		
	T = TOP OF CURB		
	TG = TOP OF GRAVEL		
	TT = TOP OF TRACK		
	TW = TOP OF WALL		
	WATER VALVE		

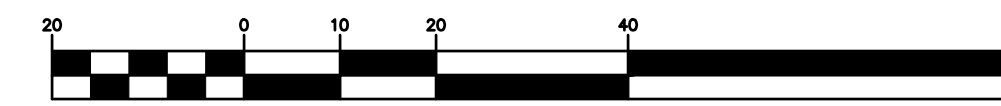


6600 SW 105th Ave., Suite 155, Beaverton, OR 97008  
 PH: (503) 941-9585 FAX: (503) 941-9640  
 www.weddlesurveying.com

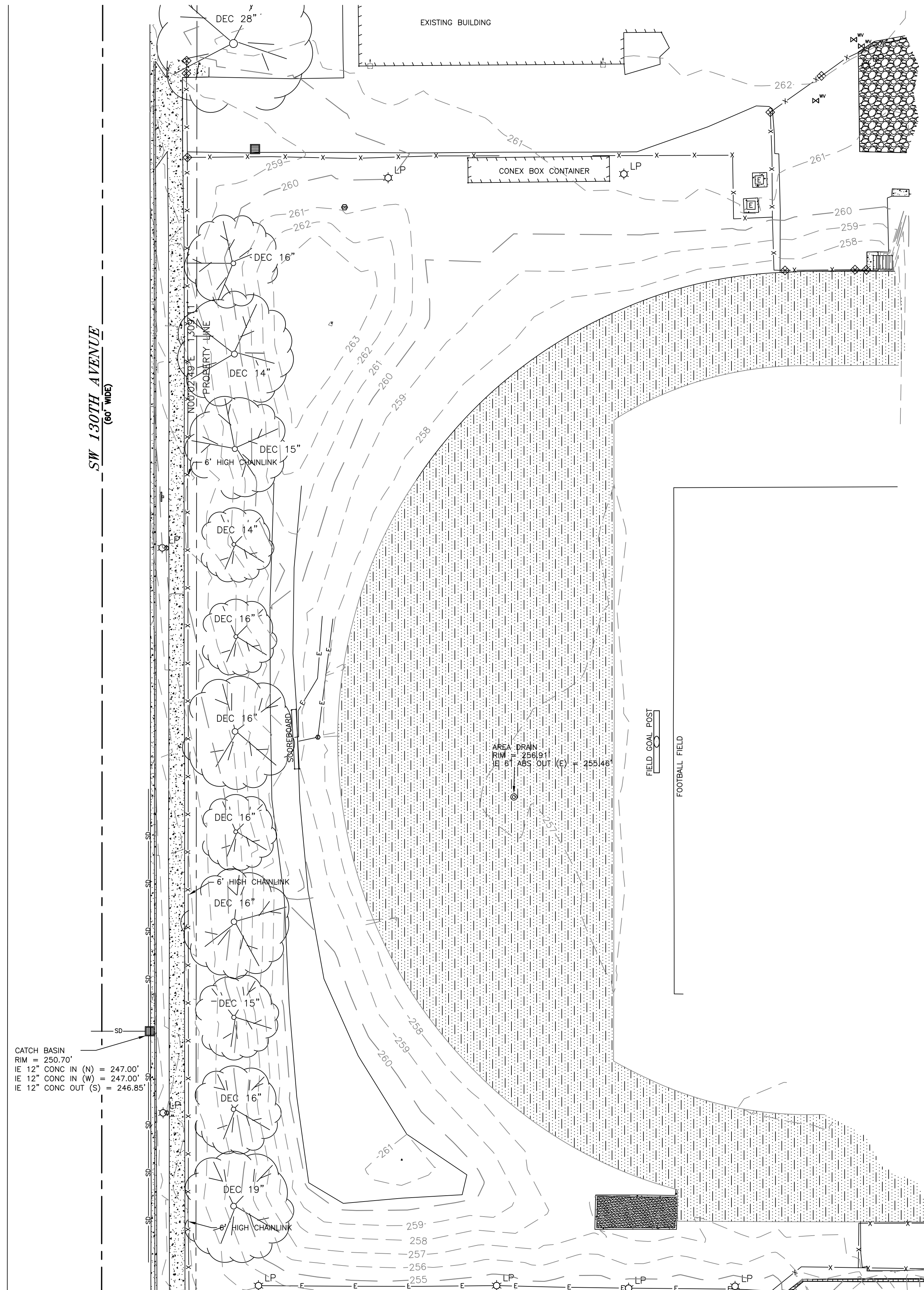
NORTH



GRAPHIC SCALE



( IN FEET )  
 1 inch = 20 feet



CATCH BASIN  
 RIM = 250.70'  
 IE 12" CONC IN (N) = 247.00'  
 IE 12" CONC IN (W) = 247.00'  
 IE 12" CONC OUT (S) = 246.85'

PERMIT SET 06.15.26

NEW CONSTRUCTION FOR  
**SOUTHRIDGE HIGH SCHOOL**  
**STORAGE SHED & TICKET BOOTH**  
 9625 SW 125TH AVE  
 BEAVERTON, OR 97008

**C0.2**  
 EXISTING CONDITIONS  
 WEST  
 JOB NO. 250200.01  
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ISSUED DATE

1	TYPE 3 DESIGN REVIEW	02/17/2026
2	DD REVIEW SET	03/11/2026
3	SITE DEVELOPMENT PERMIT	05/09/2026
4	CD REVIEW SET	05/22/2026
5	PERMIT SET	06/15/2026

**AAI**  
 ENGINEERING  
4875 SW Griffith Drive | Suite 100 | Beaverton, OR | 97005  
 503.620.3000 tel | 503.620.5500 fax | www.aainc.com  
 Project No. 250200.01

**CIDA**  
 ARCHITECTURE  
 ENGINEERING  
 PLANNING  
 INTERIORS  
15895 SW 72ND AVE SUITE 200  
 PORTLAND, OREGON 97224  
 TEL: 503.226.1285  
 FAX: 503.226.1670  
 WWW.CIDAINC.COM

PARCEL 2  
OWNER: BEAVERTON SCHOOL DISTRICT #4BJ  
ADDRESS: 9625 SW 125TH AVENUE

# TOPOGRAPHIC SURVEY

## "SOUTHRIDGE HIGH SCHOOL"

9625 SW 125TH AVE., "EASTERLY TOPO"  
PARCEL 2 OF PARTITION PLAT NO. 1996-035  
IN THE SE 1/4 OF SECTION 28  
T. 1 S., R. 1 W., W.M.  
CITY OF BEAVERTON  
WASHINGTON COUNTY  
OREGON

### SURVEYOR'S NOTES

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ELEVATION: 242.14' CITY OF BEAVERTON DATUM (NGVD29)

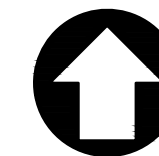
### LEGEND

	AREA DRAIN		BUILDING OVERHANG
	BIKE RACK		FENCE (6' HIGH CHAINLINK)
	BOLLARD		STORM DRAIN
	CATCH BASIN		UNDERGROUND ELECTRIC
	CLEAN OUT		BLOCK WALL
	ELECTRIC LIGHT BOX		CONCRETE
	FIRE HYDRANT		GRAVEL
	GATE POST		PAVEMENT
	HANDICAP PARKING		SAND
	LIGHT POLE		STRIPING
	NATURAL GROUND		TRACK
	STORM DRAIN MANHOLE		CON = CONIFEROUS TREE
	SIGN		DEC = DECIDUOUS TREE
	SPOT ELEVATION		
	WATER VALVE		

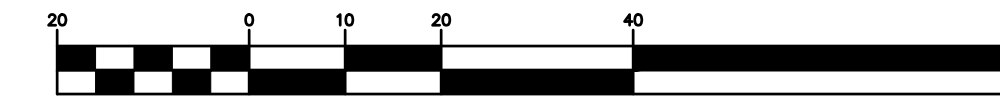


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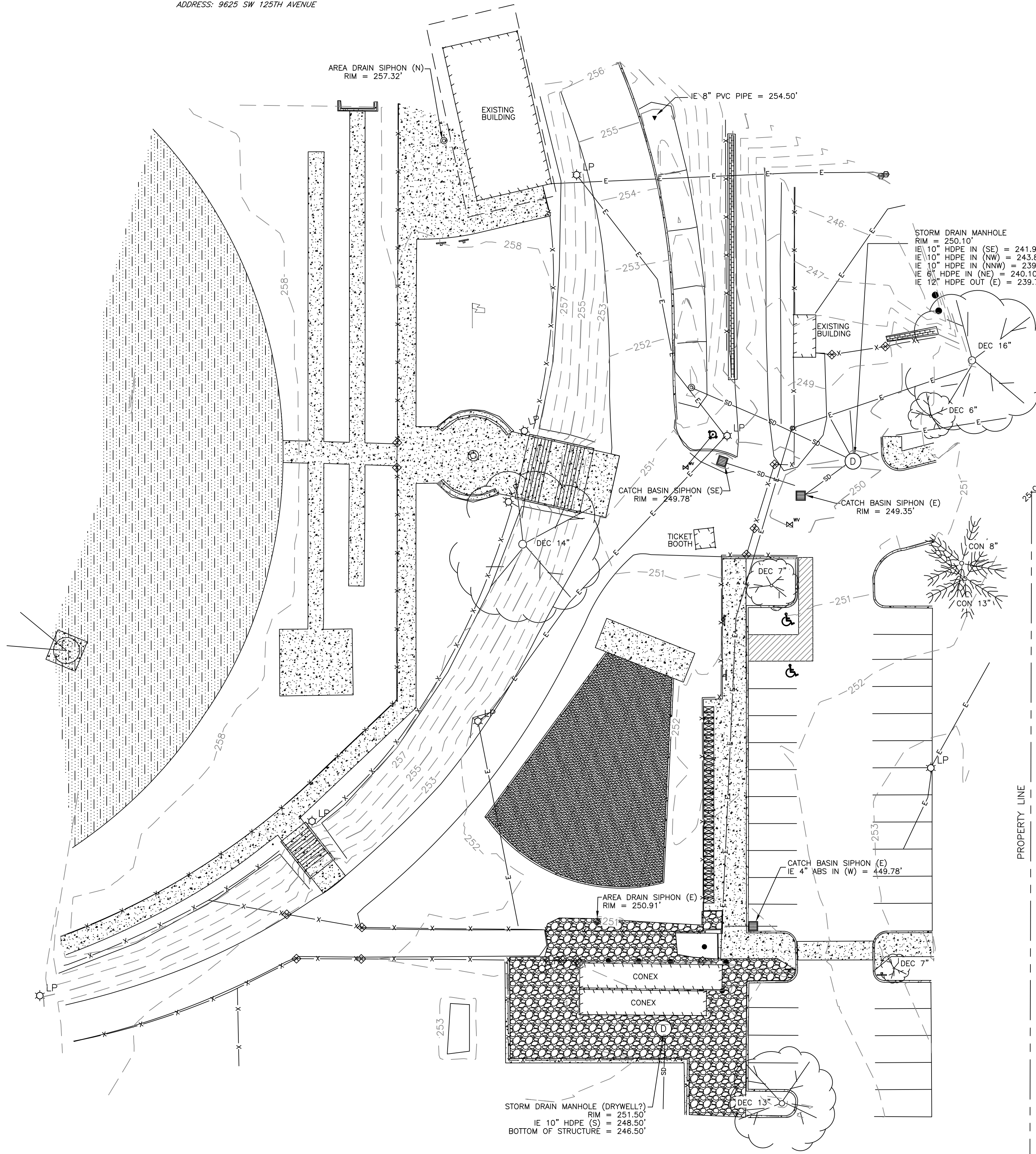
NORTH



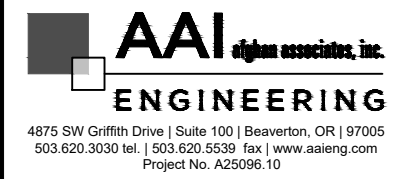
GRAPHIC SCALE



( IN FEET )  
1 Inch = 20 feet



ISSUED DATE	TYPE	REVIEWER
02/17/2026	1	TYPE 3 DESIGN REVIEW
03/11/2026	2	DD REVIEW SET
05/09/2026	3	SITE DEVELOPMENT PERMIT
05/22/2026	4	CD REVIEW SET
06/15/2026	5	PERMIT SET



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TEL: 503.226.1285  
FAX: 503.226.1670  
WWW.CIDAINC.COM

NEW CONSTRUCTION FOR  
**SOUTHRIDGE HIGH SCHOOL**  
**STORAGE SHED & TICKET BOOTH**  
9625 SW 125TH AVE  
BEAVERTON, OR 97008

**C0.3**  
EXISTING CONDITIONS  
EAST

JOB NO. 250200.01

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PERMIT SET 06.15.26

P:\2025\250200\_11 - 180 Southridge High School\250200\_11\250200\_11.dwg, 06/15/2026, 1:10pm



EXPIRES: 6/30/2026

ISSUED DATE	REVISION
02/17/2026	1 TYPE 3 DESIGN REVIEW
03/11/2026	2 DD REVIEW SET
05/09/2026	3 SITE DEVELOPMENT PERMIT
05/22/2026	4 CD REVIEW SET
06/15/2026	5 PERMIT SET



**CIDA** ARCHITECTURE  
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NEW CONSTRUCTION FOR  
**SOUTHBRIDGE HIGH SCHOOL  
STORAGE SHED & TICKET BOOTH**  
9625 SW 125TH AVE  
BEAVERTON, OR 97008

**C0.4**  
DEMOLITION PLAN WEST

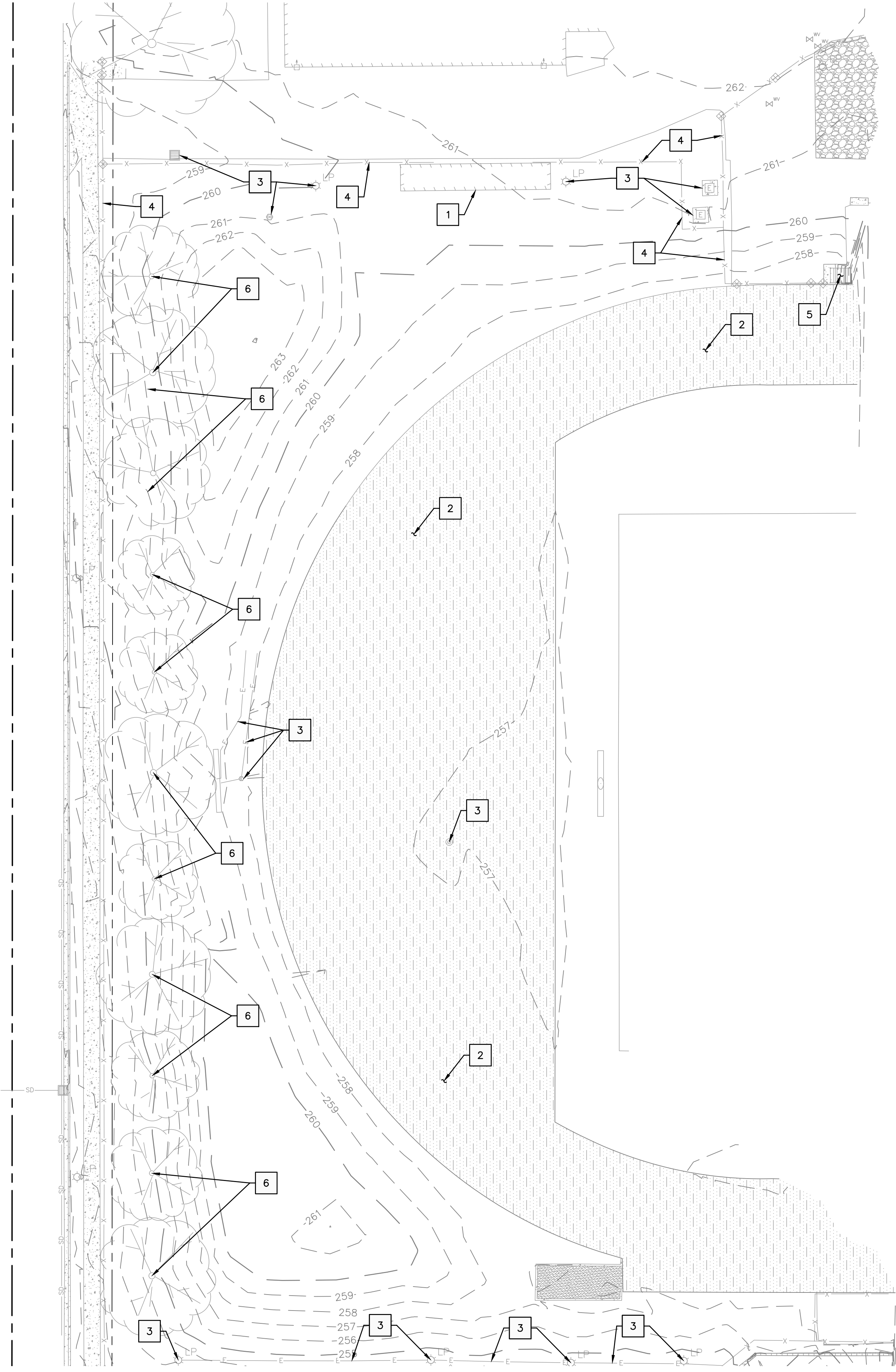
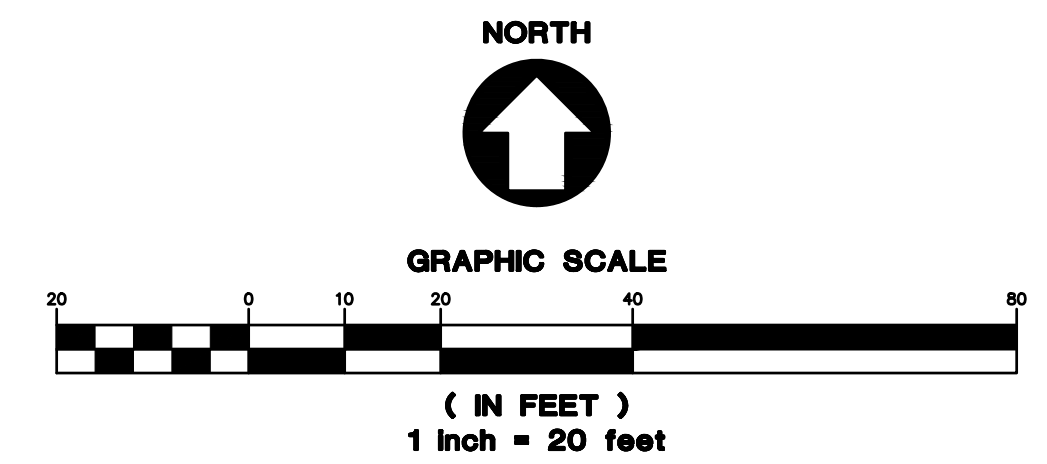
JOB NO. 250200.01  
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**SHEET NOTES**

- SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
- CONTRACTOR MAY STAGE WITHIN LIMITS OF DEMOLITION.
- REMOVE ALL SITE COMPONENTS AND RECYCLE COMPONENTS AS REQUIRED IN THE SPECIFICATIONS.
- ALL TRADE LICENSES AND PERMITS NECESSARY FOR THE PROCUREMENT AND COMPLETION OF THE WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING DEMOLITION.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING RIGHT-OF-WAY SURVEY MONUMENTATION DURING DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT BY A LICENSED SURVEYOR OF ANY DAMAGED OR REMOVED MONUMENTS.
- PROTECT ALL ITEMS ON ADJACENT PROPERTIES AND IN THE RIGHT OF WAY INCLUDING BUT NOT LIMITED TO SIGNAL EQUIPMENT, PARKING METERS, SIDEWALKS, STREET TREES, STREET LIGHTS, CURBS, PAVEMENT AND SIGNS. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DAMAGED ITEMS TO ORIGINAL CONDITION.
- PROTECT STRUCTURES, UTILITIES, SIDEWALKS, AND OTHER FACILITIES IMMEDIATELY ADJACENT TO EXCAVATIONS FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS.
- SAWCUT STRAIGHT LINES IN SIDEWALK, AS NECESSARY.
- CONTRACTOR IS RESPONSIBLE TO CONTROL DUST AND MUD DURING THE DEMOLITION PERIOD, AND DURING TRANSPORTATION OF DEMOLITION DEBRIS. ALL STREET SURFACES OUTSIDE THE CONSTRUCTION ZONE MUST BE KEPT CLEAN.
- PROTECT ALL EXISTING UTILITY STRUCTURES AND UNDERGROUND MAINS TO REMAIN.
- PROTECT ALL EXISTING VEGETATION TO REMAIN.

**X PROTECTION NOTES**

- PROTECT EXISTING STORAGE CONTAINER
- PROTECT EXISTING TRACK SURFACE
- PROTECT EXISTING UTILITY AND ASSOCIATED STRUCTURES
- PROTECT EXISTING FENCE
- PROTECT EXISTING STAIRS
- PROTECT EXISTING TREE



P:\03\250200\1.dwg - RSD Southridge Civil Cad\Sheet\061526\C04.dwg Jun 16, 2026 - 1:27pm

**PERMIT SET 06.15.26**



EXPIRES: 6/30/2026

ISSUED DATE	REVISION	DATE
02/17/2026	1 TYPE 3 DESIGN REVIEW	02/17/2026
03/11/2026	2 DD REVIEW SET	03/11/2026
05/09/2026	3 SITE DEVELOPMENT PERMIT	05/09/2026
05/22/2026	4 CD REVIEW SET	05/22/2026
06/15/2026	5 PERMIT SET	06/15/2026



NEW CONSTRUCTION FOR  
**SOUTHBRIDGE HIGH SCHOOL  
STORAGE SHED & TICKET BOOTH**  
9625 SW 125TH AVE  
BEAVERTON, OR 97008

**C0.5**  
DEMOLITION PLAN EAST

JOB NO. 250200.01  
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PERMIT SET 06.15.26

**SHEET NOTES**

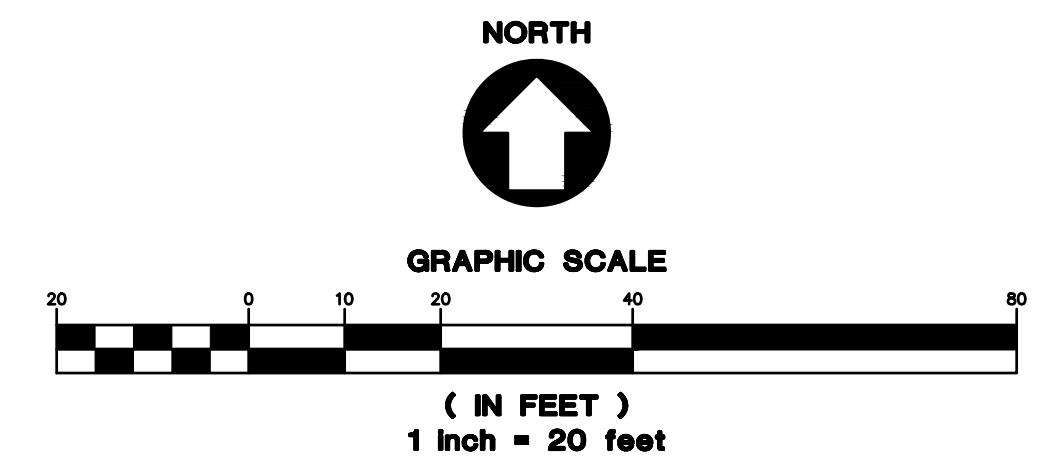
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- PROTECT ALL EXISTING UTILITY STRUCTURES AND UNDERGROUND MAINS TO REMAIN.
- PROTECT ALL EXISTING VEGETATION TO REMAIN.

**PROTECTION NOTES**

- PROTECT EXISTING ASPHALT SURFACE
- PROTECT EXISTING SIDEWALK SURFACE
- PROTECT EXISTING CURB
- PROTECT EXISTING FENCE
- PROTECT EXISTING TREE
- PROTECT EXISTING STRIPING
- PROTECT EXISTING UTILITY AND ASSOCIATED STRUCTURES
- PROTECT EXISTING STAIRS
- PROTECT EXISTING GRAVEL SURFACE
- PROTECT EXISTING BIKE PARKING
- PROTECT EXISTING CONCRETE SURFACE

**DEMOLITION NOTES**

- REMOVE EXISTING SHOT PUT AREA
- REMOVE EXISTING CURB
- REMOVE EXISTING CONCRETE PAD
- REMOVE EXISTING SIDEWALK
- REMOVE EXISTING TICKET BOOTH
- REMOVE EXISTING FENCE
- REMOVE EXISTING BIKE PARKING
- SAWCUT AND REMOVE EXISTING ASPHALT
- REMOVE EXISTING CATCH BASIN, CONTRACTOR TO FIELD VERIFY AND PROTECT EXISTING STORM CONNECTION INVERTS.
- RELOCATE EXISTING ADA PARKING SIGNS
- REMOVE AND SALVAGE EXISTING DISCUS THROWING RING





EXPIRES: 6/30/2026

ISSUED DATE	REVISION
02/17/2026	1 TYPE 3 DESIGN REVIEW
03/11/2026	2 DD REVIEW SET
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NEW CONSTRUCTION FOR  
**SOUTHRIDGE HIGH SCHOOL  
STORAGE SHED & TICKET BOOTH**  
9625 SW 125TH AVE  
BEAVERTON, OR 97008

PERMIT SET 06.15.26

**C1.0**

HARDSCAPE PLAN WEST

JOB NO. 250200.01

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**SHEET NOTES**

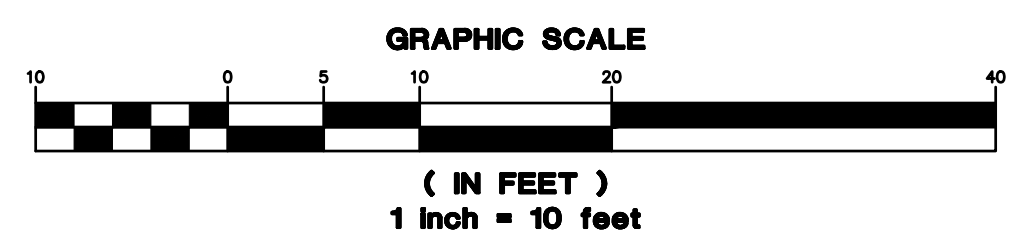
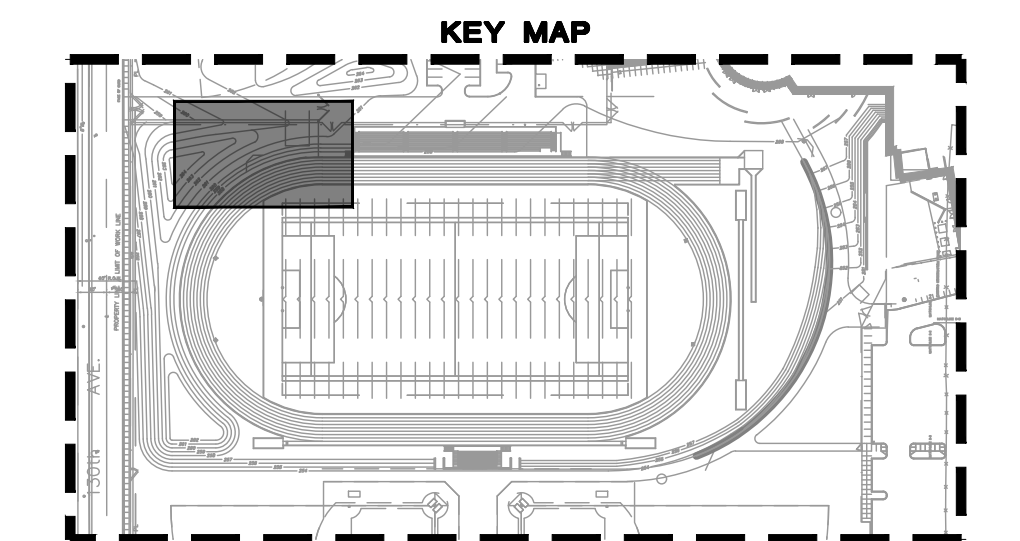
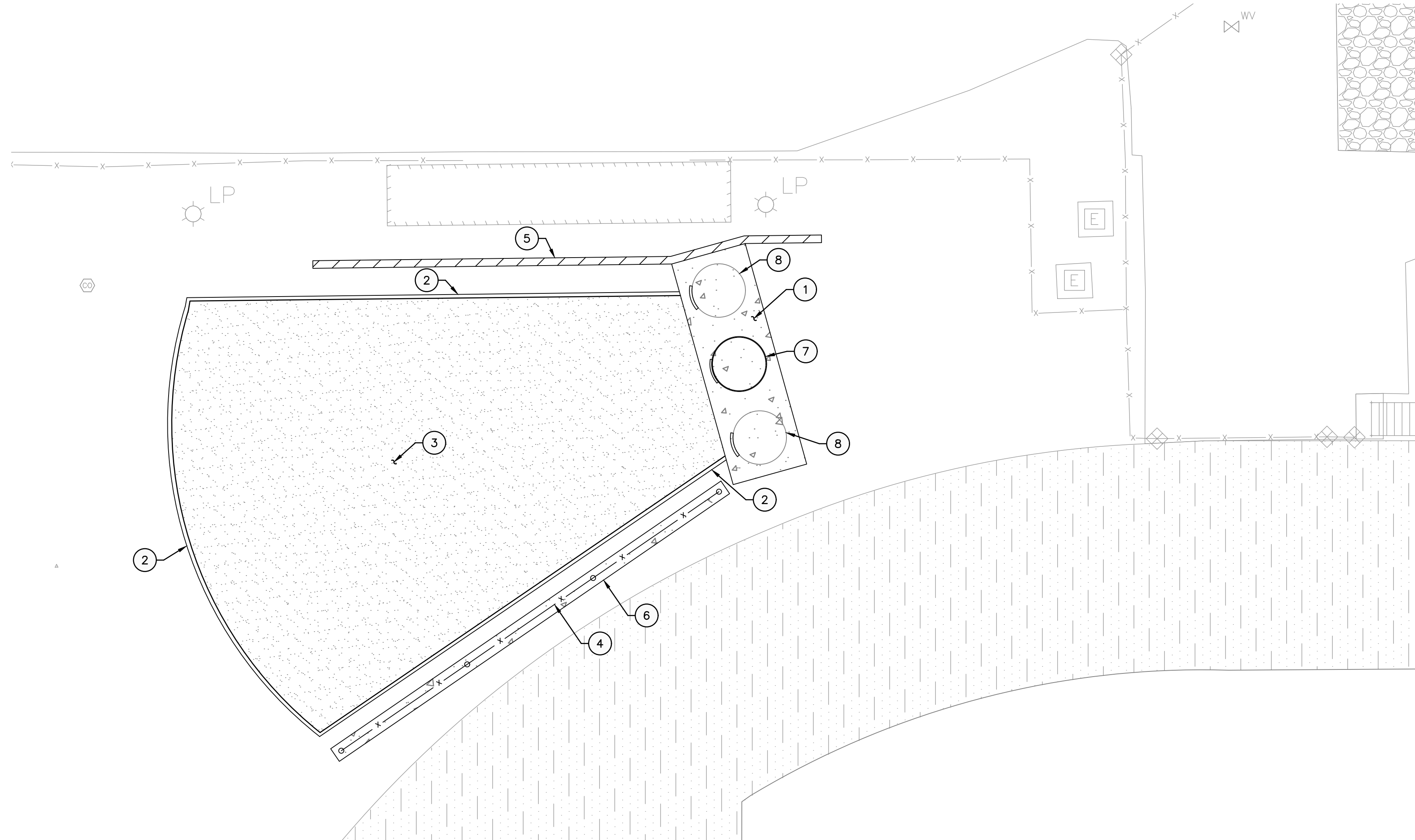
- SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
- SEE ARCHITECTURAL PLANS FOR ADDITIONAL SITE INFORMATION.
- THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
- THE CONTRACTOR SHALL KEEP THE ENGINEER AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 24-HOUR NOTICE IS REQUIRED.

**(X) CONSTRUCTION NOTES**

- INSTALL SHOT PUT PAD PER DETAIL 7/C3.0
- INSTALL CAST IN PLACE CURB PER DETAIL 3/C3.0
- INSTALL SHOT PUT MEDIA PER DETAIL 6/C3.0
- INSTALL FENCE POLE AND NETTING PER MANUFACTURERS SPECIFICATIONS, SEE ARCHITECTURAL PLANS FOR DETAILS.
- INSTALL RETAINING WALL
- INSTALL 24" WIDE CONCRETE MOW STRIP CENTERED ALONG BOTTOM OF FENCE PER DETAIL 8/C3.0
- INSTALL METAL IN-GROUND SHOT PUT CIRCLE WITH KICKSTAND, SEE ARCHITECTURAL PLANS FOR DETAILS.
- INSTALL 2" PAINTED SHOT PUT CIRCLE AND TOE BOARD, SEE ARCHITECTURAL PLANS FOR DETAILS.

**LEGEND**

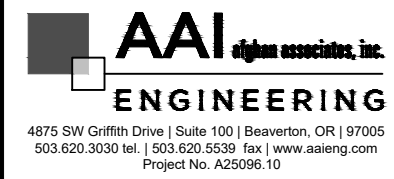
PROPERTY LINE	
CONCRETE SIDEWALK SURFACING	
ASPHALT SURFACING	





EXPIRES: 6/30/2026

ISSUED DATE	REVISION
02/17/2026	1 TYPE 3 DESIGN REVIEW
03/11/2026	2 DD REVIEW SET
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NEW CONSTRUCTION FOR  
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9625 SW 125TH AVE  
BEAVERTON, OR 97008

PERMIT SET 06.15.26

**C1.1**  
HARDSCAPE PLAN EAST

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**SHEET NOTES**

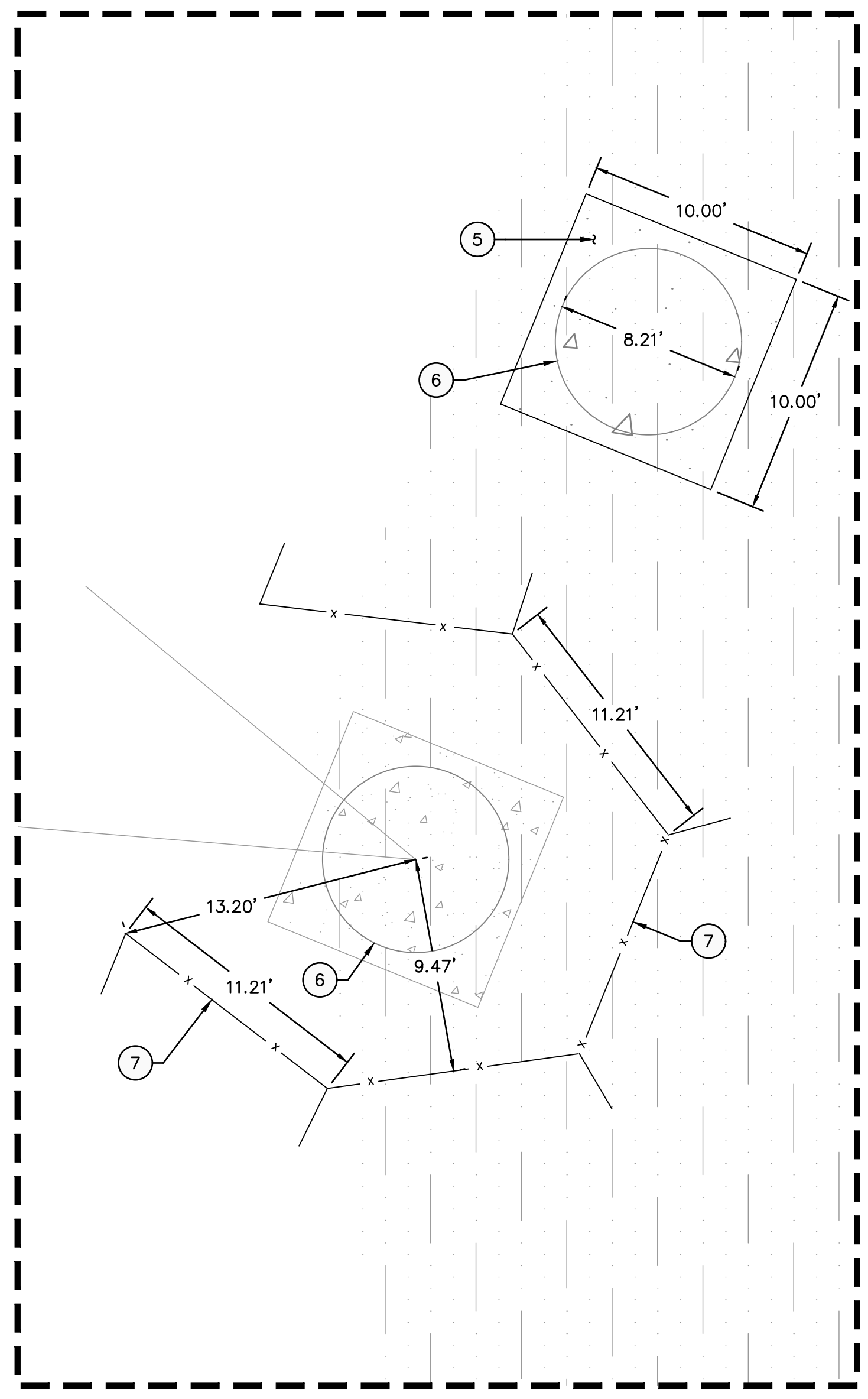
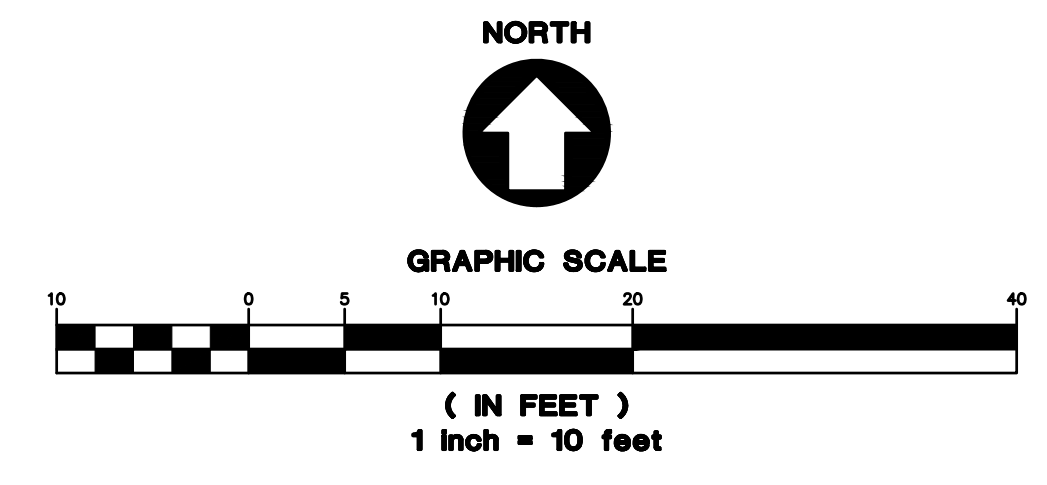
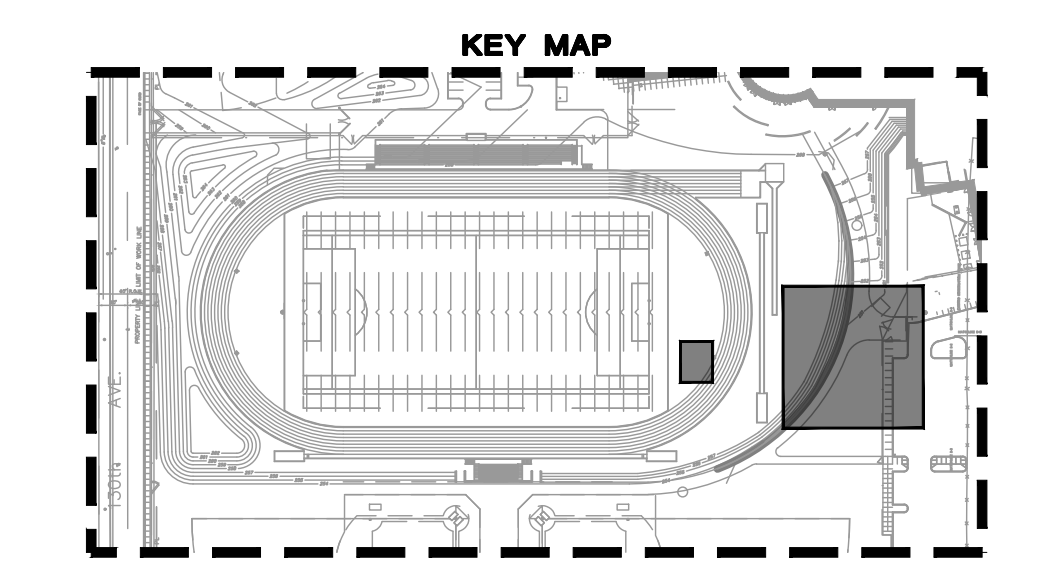
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- THE CONTRACTOR SHALL KEEP THE ENGINEER AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 24-HOUR NOTICE IS REQUIRED.

**CONSTRUCTION NOTES**

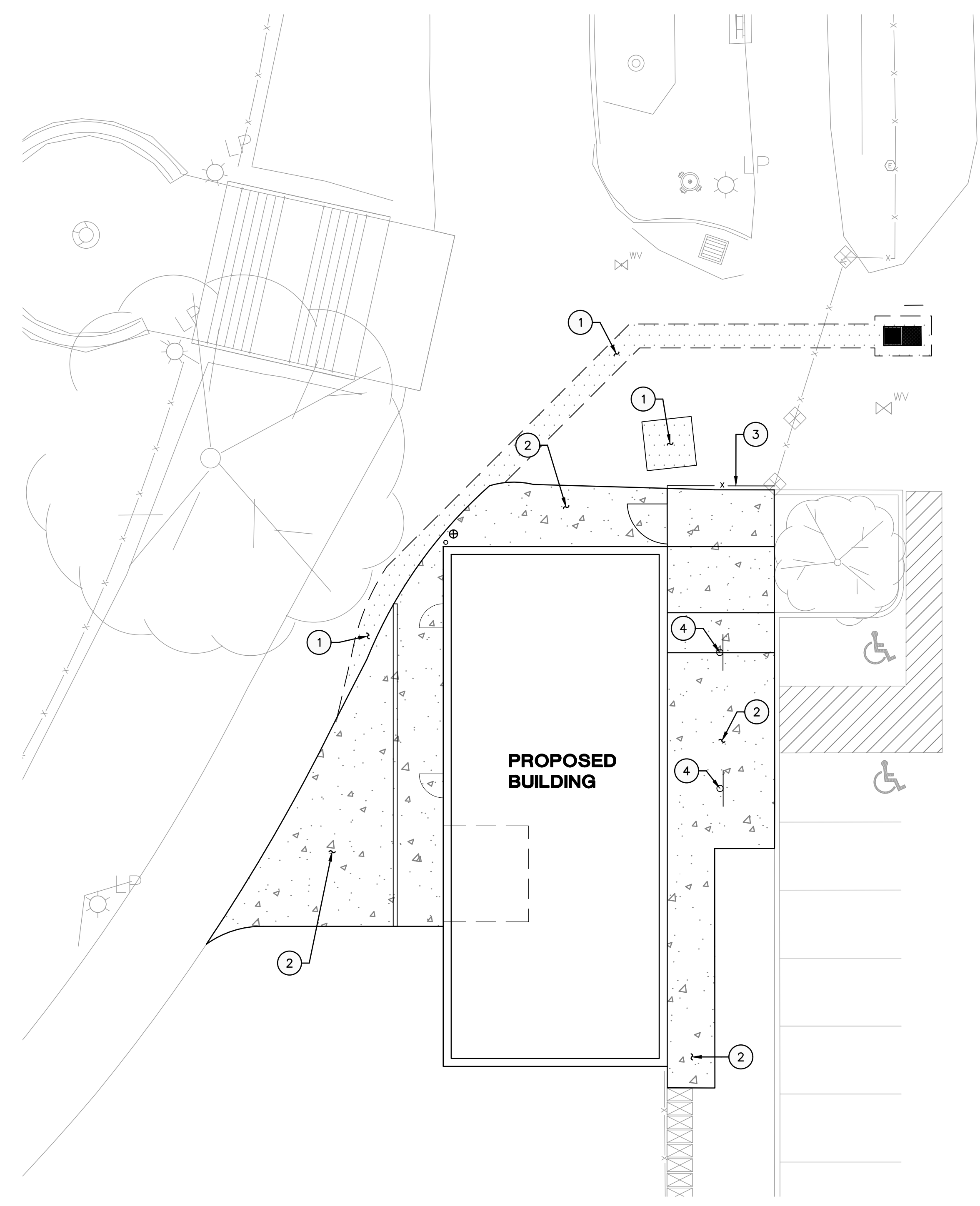
- INSTALL ASPHALT SURFACE PER DETAIL 1/C3.0
- INSTALL CONCRETE SIDEWALK SURFACE PER DETAIL 2/C3.0
- INSTALL FENCE PER DETAIL 9/C3.0
- REINSTALL EXISTING ADA PARKING SIGNS
- INSTALL DISCUS THROWING PAD PER DETAIL 7/C3.0
- INSTALL 2" PAINTED DISCUS CIRCLE WITH CIRCULAR METAL RIM AND DEMOUNTABLE HAMMER INSERT, SEE ARCHITECTURAL PLANS FOR DETAILS.
- INSTALL THROWING FENCE POLE AND NETTING AROUND EXISTING DISCUS THROWING PAD PER MANUFACTURERS SPECIFICATIONS, SEE ARCHITECTURAL PLANS FOR DETAILS.

**LEGEND**

PROPERTY LINE	
CONCRETE SIDEWALK SURFACING	
ASPHALT SURFACING	



**DISCUS THROWING AREA PLAN**  
SCALE: 1" = 5'



P:\03\250200\11-180 Southbridge\Civil\CD\Permit\061526\C1.1526.dwg Jun 16, 2025 - 1:29pm



EXPIRES: 6/30/2026

ISSUED DATE	DESCRIPTION
02/17/2026	1 TYPE 3 DESIGN REVIEW
03/11/2026	2 DD REVIEW SET
05/09/2026	3 SITE DEVELOPMENT PERMIT
05/22/2026	4 CD REVIEW SET
06/15/2026	5 PERMIT SET



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TEL: 503.226.1285  
FAX: 503.226.1670  
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NEW CONSTRUCTION FOR  
**SOUTHBRIDGE HIGH SCHOOL  
STORAGE SHED & TICKET BOOTH**  
9625 SW 125TH AVE  
BEAVERTON, OR 97008

PERMIT SET 06.15.26

**C2.0**

GRADING & UTILITY  
PLAN WEST

JOB NO. 250200.01

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**GRADING SHEET NOTES**

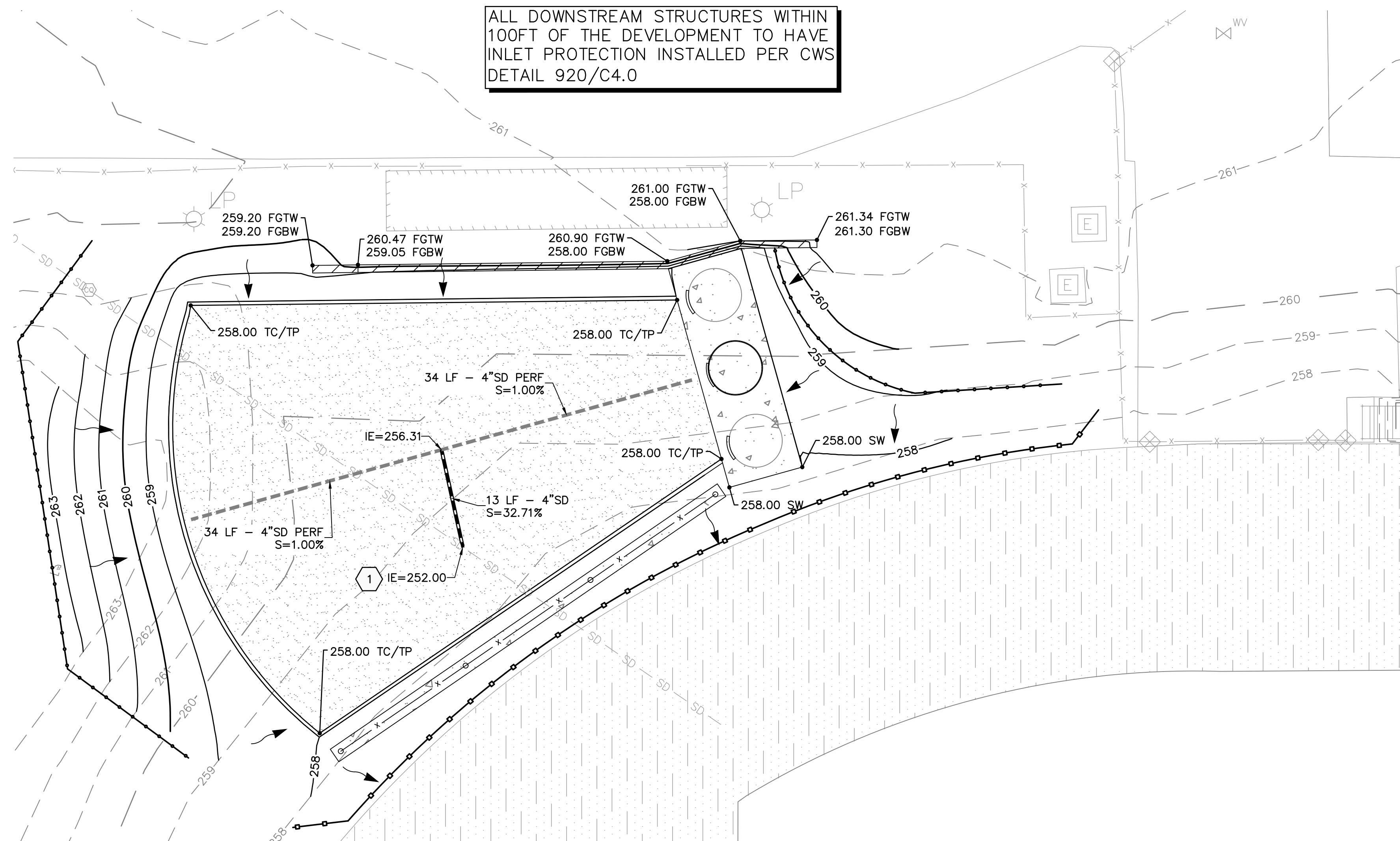
- SEE SHEET C0.1 FOR GENERAL SHEET NOTES.
- CURB HEIGHTS ARE 6" UNLESS NOTED OTHERWISE.
- LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.
- ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).
- ALL WALKWAYS FROM ACCESSIBLE UNITS ARE DESIGNED TO NOT REQUIRE HANDRAILS. THEREFORE, RAMPS WITH SLOPES STEEPER THAN 5.0% AND LESS THAN 8.33% SHALL NOT EXCEED 0.5' RISE OR 6.0' LENGTH.
- FINISH GRADES ARE TO BE BROUGHT TO WITHIN 0.08 FT IN 10 FT OF THE GRADES SHOWN AT SUBGRADE AND TO WITHIN 0.03 FT IN 10 FT AT FINISH GRADE. CONTRACTOR TO ALLOW FOR PLACEMENT OF REQUIRED TOPSOIL IN ROUGH GRADING.
- GRADING ELEVATIONS AS SHOWN ON SITE AND LANDSCAPE PLANS ARE FINISHED GRADE WHICH INCLUDES SUBGRADE SOIL, TOPSOIL, SOIL AMENDMENTS, ROCKERY AND RUNOFF PROTECTION CONTRACTOR IS RESPONSIBLE TO COORDINATE GRADING WITH BOTH EXCAVATOR AND LANDSCAPE CONTRACTOR.

**UTILITY SHEET NOTES**

- STRUCTURES HORIZONTAL LOCATIONS AND PIPE INVERTS ARE BASED ON THE CENTER OF THE STRUCTURE.
- THIS PLAN IS GENERALLY DIAGRAMMATIC. IT DOES NOT SHOW EVERY JOINT, BEND, FITTING, OR ACCESSORY REQUIRED FOR CONSTRUCTION.
- ALL STORM PIPING SHALL BE PVC 3034 OR APPROVED EQUAL AT 1.0% MIN SLOPE, UNLESS NOTED OTHERWISE.
- PIPE BEDDING AND BACKFILL FOR ALL UTILITIES SHALL BE DONE PER DETAIL 5/C3.0.
- CLEANOUTS SHALL BE INSTALLED IN CONFORMANCE WITH UPC CHAPTER SEVEN, SECTIONS 707 AND 719. NOT ALL REQUIRED CLEANOUTS ARE SHOWN.
- UTILITIES WITHIN FIVE FEET OF A BUILDING SHALL BE CONSTRUCTED OF MATERIALS APPROVED FOR INTERIOR USE AS DESCRIBED IN THE CURRENT EDITION OF THE UPC.
- CHANGES IN DIRECTION OF DRAINAGE PIPING SHALL BE MADE BY THE APPROPRIATE USE OF APPROVED FITTINGS AND SHALL BE OF THE ANGLES PRESENTED BY ONE-SIXTEENTH BEND, ONE-EIGHTH BEND, ONE-SIXTH BEND OR OTHER APPROVED FITTINGS OF EQUIVALENT SWEEP.
- INLETS AND OUTLETS TO ON-SITE MANHOLES SHALL HAVE FLEXIBLE CONNECTION NO CLOSER THAN 12" AND NO FARTHER THAN 36" FROM THE MANHOLE.
- ALL STORM FITTINGS TO BE ECCENTRIC FITTINGS UNLESS OTHERWISE NOTED.

**STORM NOTES**

- CONNECT TO EXISTING STORM LINE. CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION PRIOR TO INSTALLATION.



**LABEL LEGEND**

**PIPE LABELS**

UTILITY LENGTH  
UTILITY SIZE  
XXLF - XX" XX — UTILITY TYPE  
S=X.XX% — SLOPE (WHERE APPLICABLE)

**STRUCTURE LABELS**

UTILITY TYPE (FP= FIRE PROTECTION, S=SANITARY, SD=STORM DRAINAGE, W=WATER)  
STRUCTURE TYPE (SEE BELOW)

XX XX-XX — ID NUMBER (WHERE APPLICABLE)  
RIM=XX.XX — STRUCTURE INFO (WHERE APPLICABLE)

**STRUCTURE TYPES**

TYPE	DESCRIPTION
SFCB	CONTECH STORMFILTER CATCH BASIN
RD	ROOF DRAIN CONNECTION
TD	ADS DURASLOT XL TRENCH DRAIN

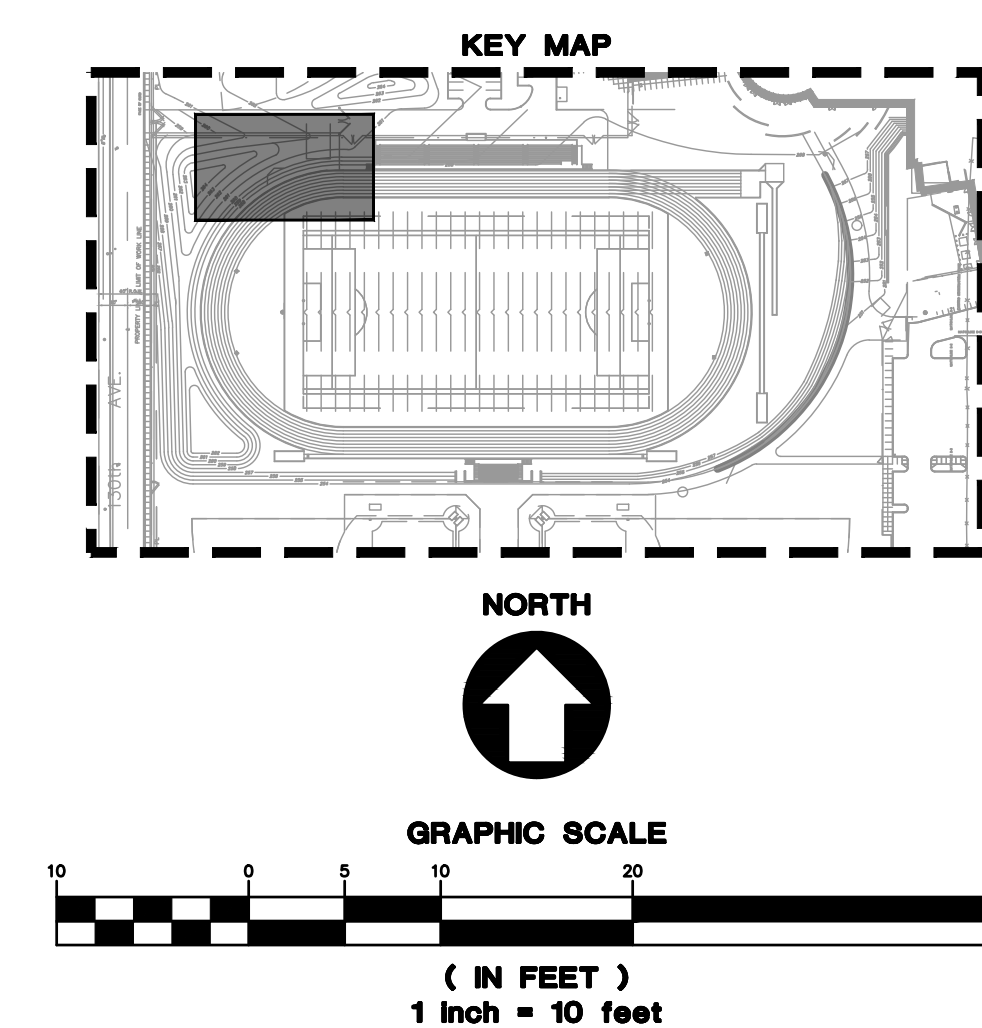
**GRADING LABEL LEGEND**

CALLOUT	DESCRIPTION
XX.XX	SPOT ELEVATION
XX.XX XX	DESCRIPTION LISTED BELOW.
DS	DOOR SILL
EX	EXISTING GRADE
FF	FINISHED FLOOR ELEVATION
FCBW	FINISHED GRADE AT BOTTOM OF WALL
FGTW	FINISHED GRADE AT TOP OF WALL
SW	SIDEWALK
TC	TOP OF CURB
TP	TOP OF PAVEMENT

NOTE: CONTRACTOR TO POT HOLE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR TO IDENTIFY POTENTIAL DISCREPANCIES BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT IS IN THE FIELD AND NOTIFY PROJECT ENGINEER AND BSD PM IMMEDIATELY IF CONFLICTS EXIST.

**LEGEND**

EXISTING CONTOUR MINOR	---102---
EXISTING CONTOUR MAJOR	---100---
PROPOSED CONTOUR MINOR	---102---
PROPOSED CONTOUR MAJOR	---100---
GRADE BREAK	—GB—GB—
STORM LINE	—●—●—●—
PERF PIPE	—●—●—●—
SEDIMENT FENCE PER CWS DETAIL 875/C4.0	—○—○—○—
STRAW WATTLES PER CWS DETAIL 880/C4.0	—●—●—●—
TREE PROTECTION FENCE PER DETAIL 2/C4.0	—○—○—○—
INLET PROTECTION PER CWS DETAIL 920/C4.0	—○—○—○—
TRENCH DRAIN INLET PROTECTION PER DETAIL 1/C4.0	—○—○—○—
CONCRETE WASHOUT PER CWS DETAIL 900/C4.0	—○—○—○—
FLOW ARROW	→





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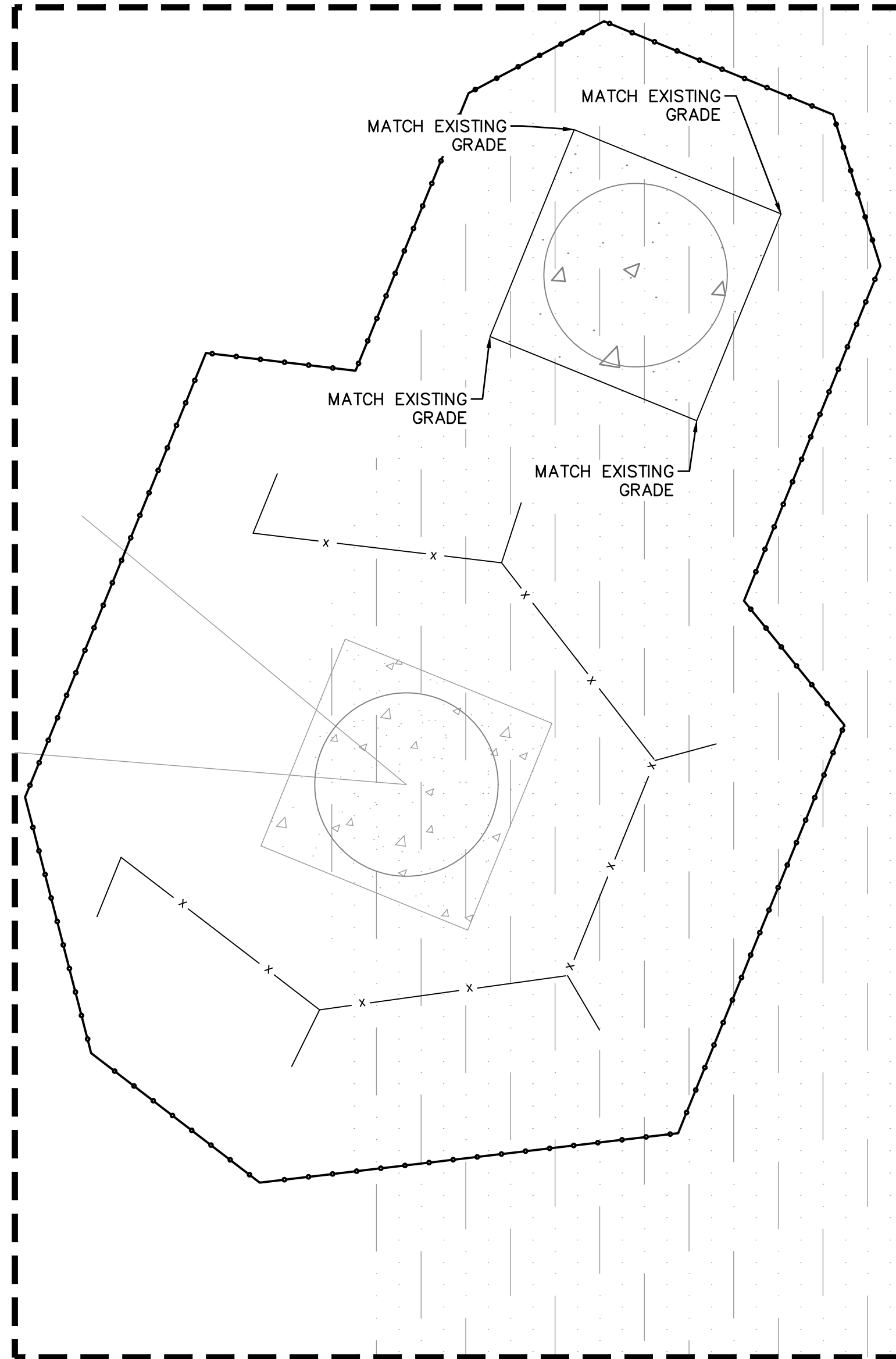
**C2.1**

GRADING & UTILITY  
PLAN EAST

JOB NO. 250200.01

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ALL DOWNSTREAM STRUCTURES WITHIN  
100FT OF THE DEVELOPMENT TO HAVE  
INLET PROTECTION INSTALLED PER CWS  
DETAIL 920/C4.0



**DISCUS THROWING AREA PLAN**

SCALE: 1" = 5'

**LABEL LEGEND**

**PIPE LABELS**

UTILITY LENGTH  
UTILITY SIZE  
XXLF - XX" XX — UTILITY TYPE  
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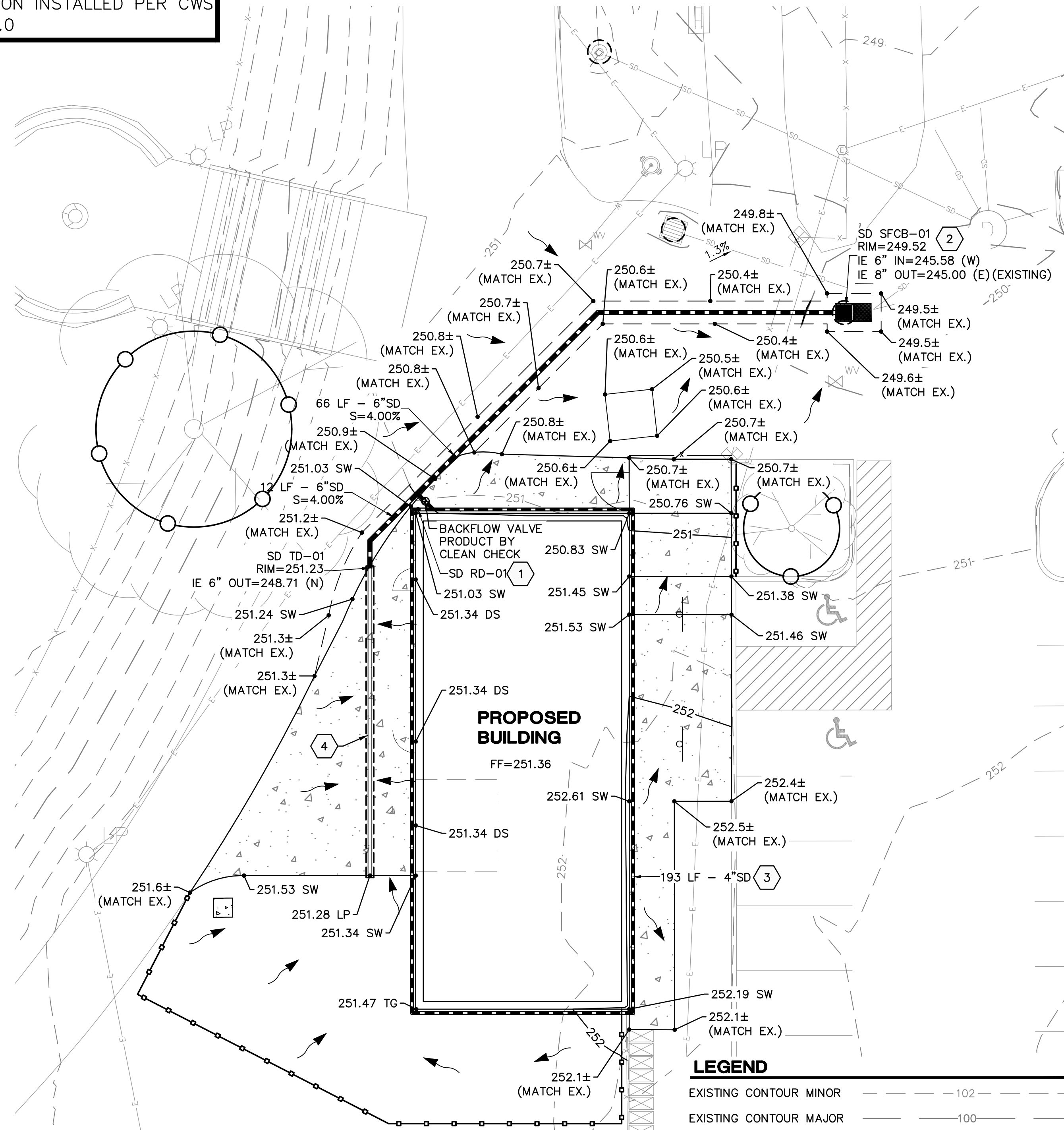
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FLOW ARROW	---

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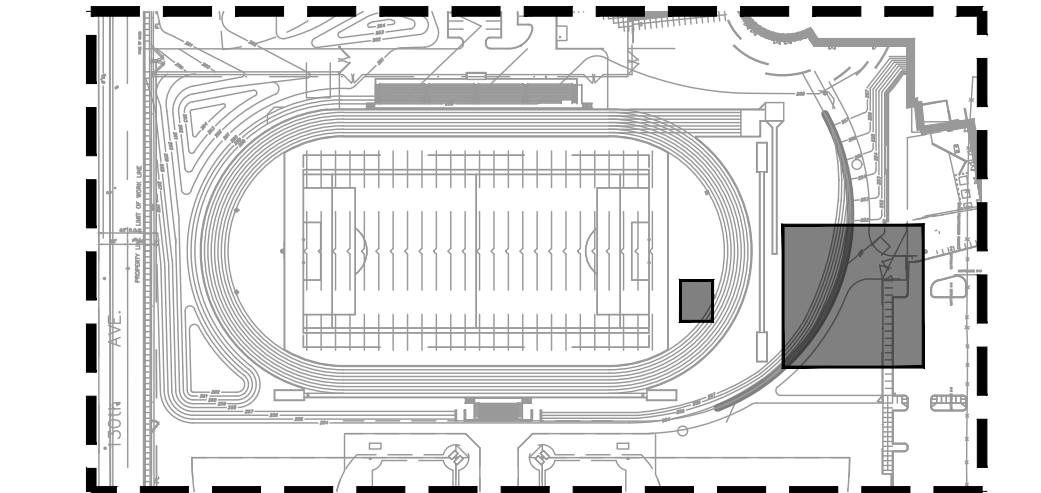
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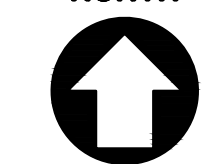
**STORM NOTES**

- INSTALL SPLASH BLOCK AT DOWNSPOUT CONNECTION.
- INSTALL CONTECH STORMFILTER CATCH BASIN PER CONTECH DETAIL/C3.1. CONTRACTOR TO CONNECT EXISTING STORM LINES TO NEW CATCH BASIN.
- INSTALL 4" FOUNDATION DRAIN PER DETAIL 4/C3.0
- INSTALL 5" ADS DURASLOT XL TRENCH DRAIN PER ADS DETAIL/C3.1

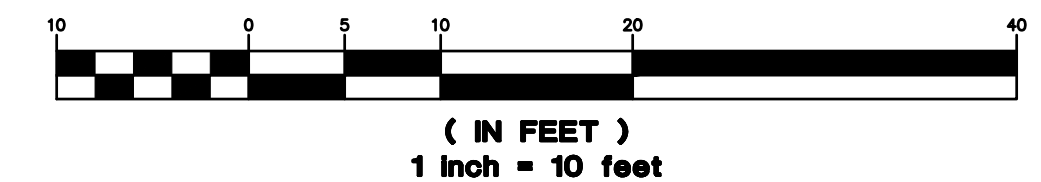
**KEY MAP**

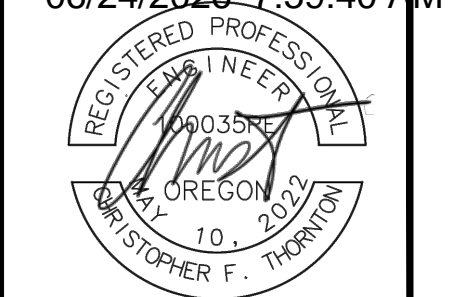


NORTH



**GRAPHIC SCALE**





02/17/2026	1	TYPE 3 DESIGN REVIEW
03/11/2026	2	DD REVIEW SET
05/09/2026	3	SITE DEVELOPMENT PERMIT
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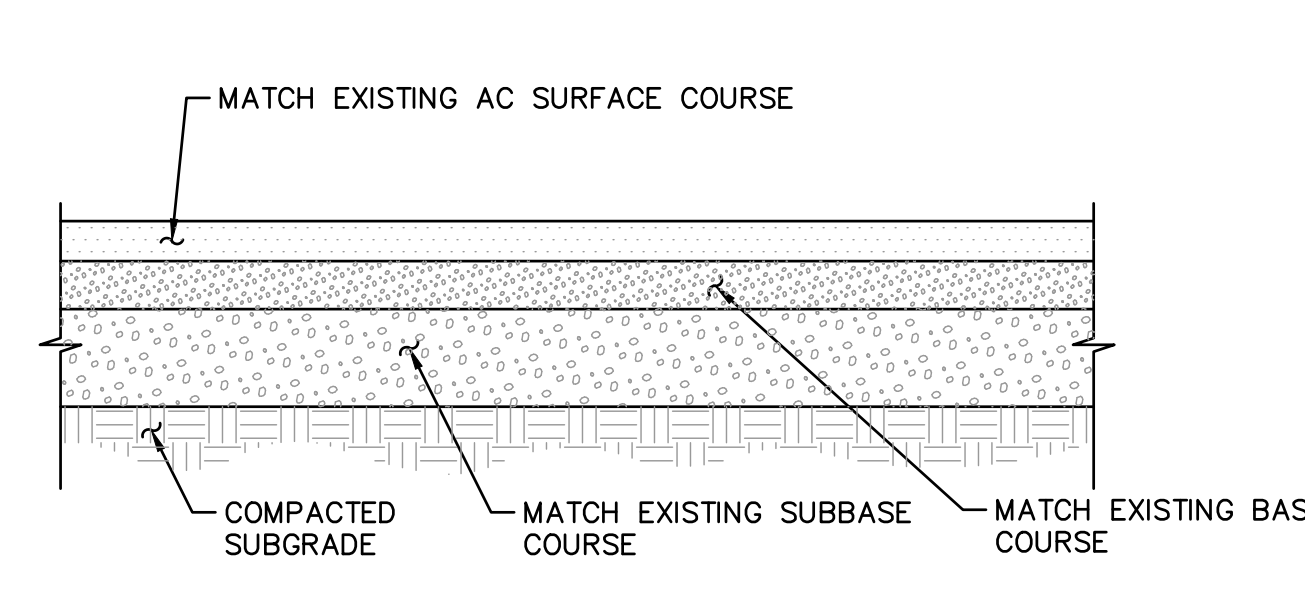
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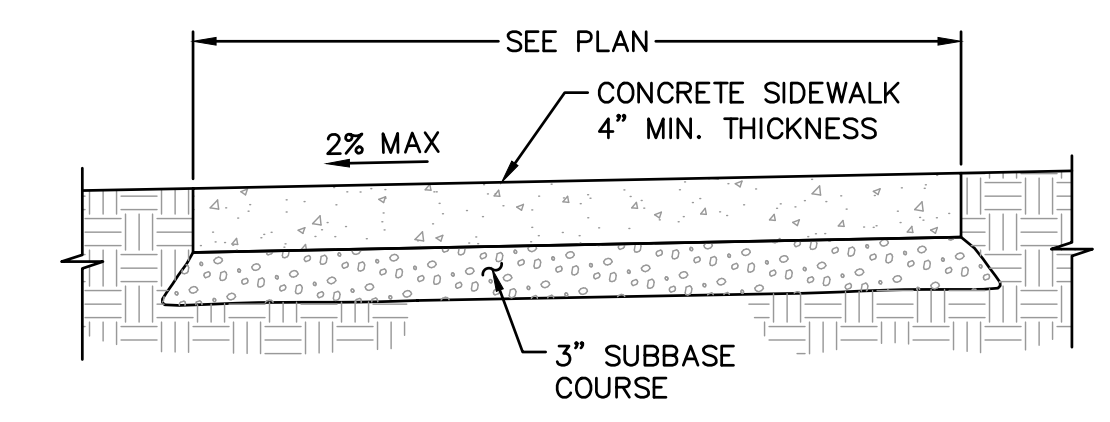
PERMIT SET 06.15.26

**C3.0**  
DETAILS

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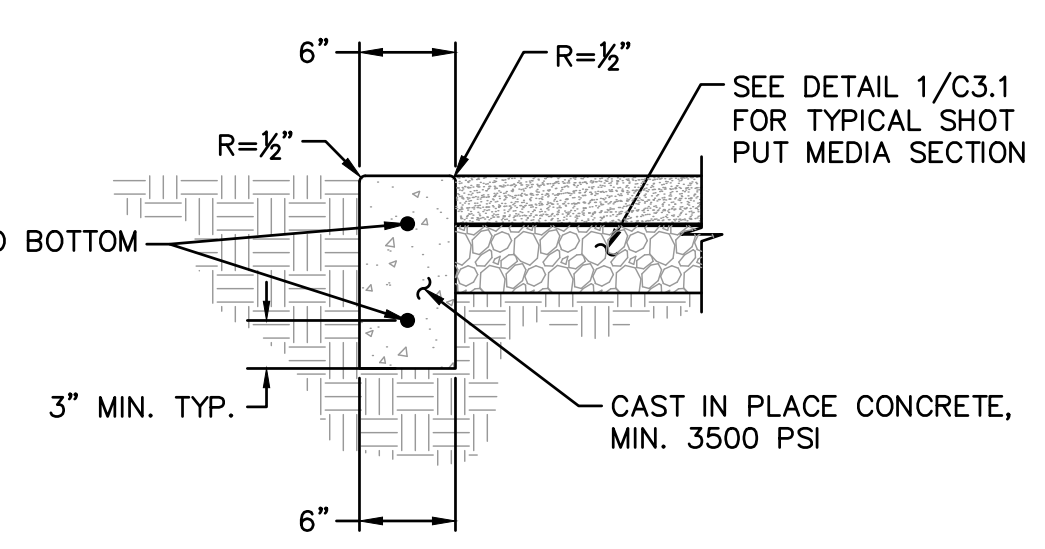


**1 STANDARD ASPHALT PAVEMENT SECTION**  
SCALE: NTS



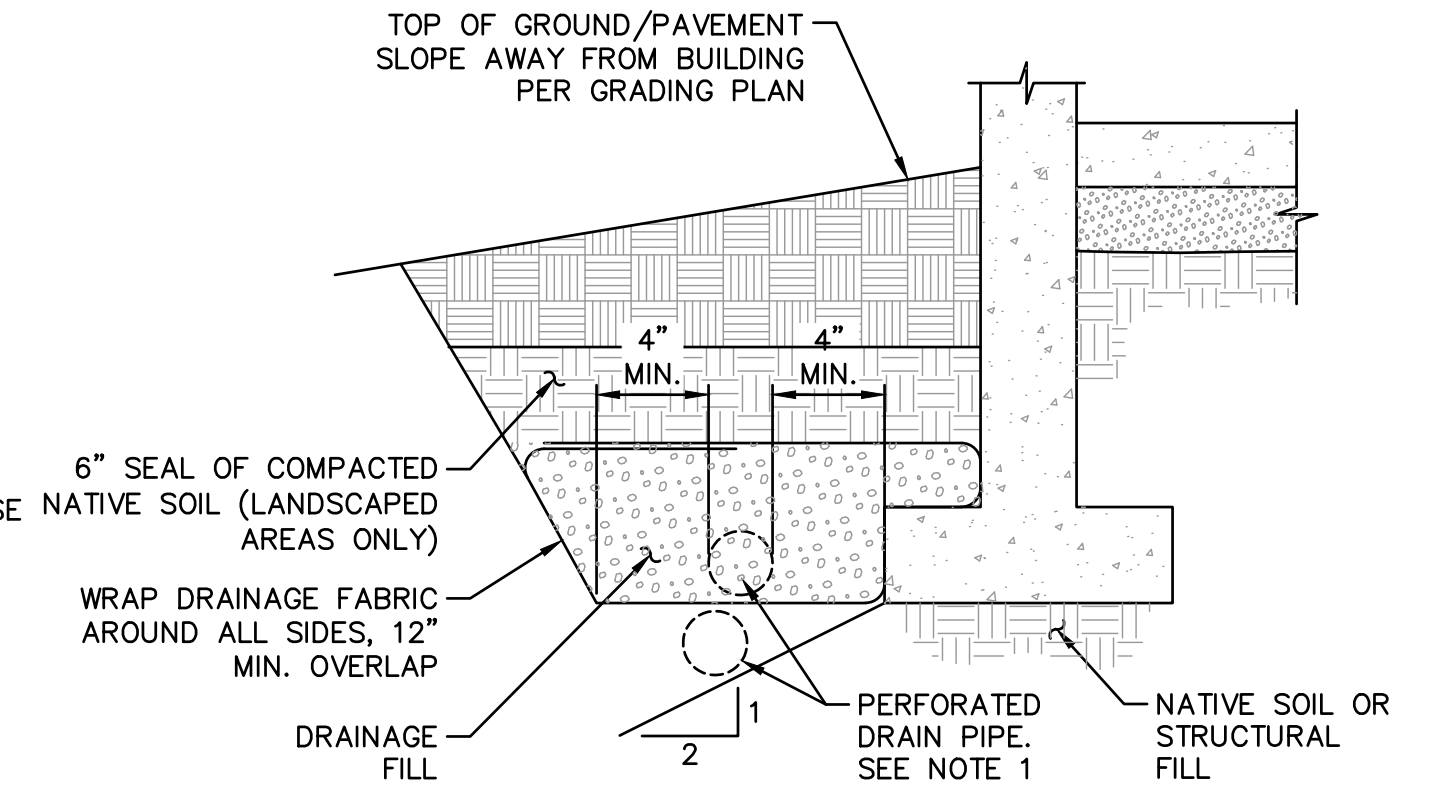
- 2 CONCRETE SIDEWALK**  
SCALE: NTS
- NOTES:
- CONSTRUCT CONTRACTION JOINTS AT 15' MAX. SPACING AND AT RAMPS. CONSTRUCT EXPANSION JOINTS AT 200' MAX SPACING, AT POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY, UNLESS NOTED OTHERWISE.
  - CONCRETE SHALL BE 3000 P.S.I AT 28 DAYS, 6 SACK MIX, SLUMP RANGE OF 1-1/2" TO 3".
  - PANELS SHALL BE 5 FEET LONG.
  - EXPANSION JOINTS TO BE PLACED AT SIDES OF DRIVEWAY APPROACHES, UTILITY VAULTS, WHEELCHAIR RAMPS, AND AT SPACING NOT TO EXCEED 45 FEET.
  - FOR SIDEWALKS ADJACENT TO THE CURB AND POURED AT THE SAME TIME AS THE CURB, THE JOINT BETWEEN THEM SHALL BE A TROWELED JOINT WITH A MINIMUM 1/2" RADIUS.
  - SIDEWALK SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES IF MOUNTABLE CURB IS USED OR IF SIDEWALK IS INTENDED AS PORTION OF DRIVEWAY. OTHERWISE SIDEWALK SHALL HAVE A MINIMUM THICKNESS OF 4 INCHES.
  - DRAIN BLOCKOUTS IN CURBS SHALL BE EXTENDED TO BACK OF SIDEWALK WITH 3" DIA. PVC PIPE AT 2% SLOPE. CONTRACTION JOINT TO BE PLACED OVER PIPE.

**2 CONCRETE SIDEWALK**  
SCALE: NTS



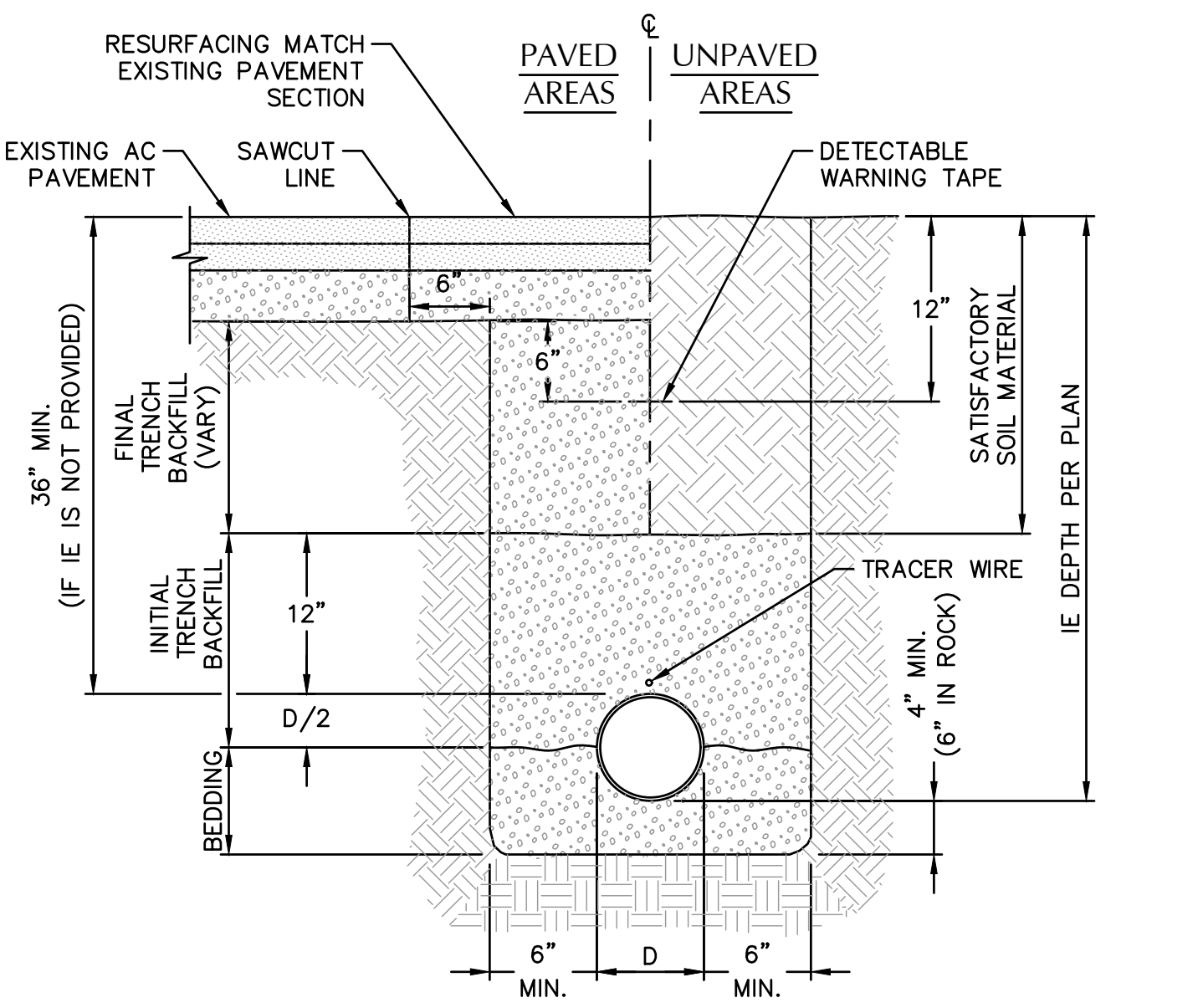
- 3 CAST IN PLACE CONCRETE CURB**  
SCALE: NTS
- NOTES:
- CONSTRUCT EXPANSION JOINTS AT 200' MAX SPACING AT POINTS OF TANGENCY.
  - DIMENSIONS ARE NOMINAL AND MAY VARY TO CONFORM WITH CURB MACHINE AS APPROVED BY THE ENGINEER.

**3 CAST IN PLACE CONCRETE CURB**  
SCALE: NTS

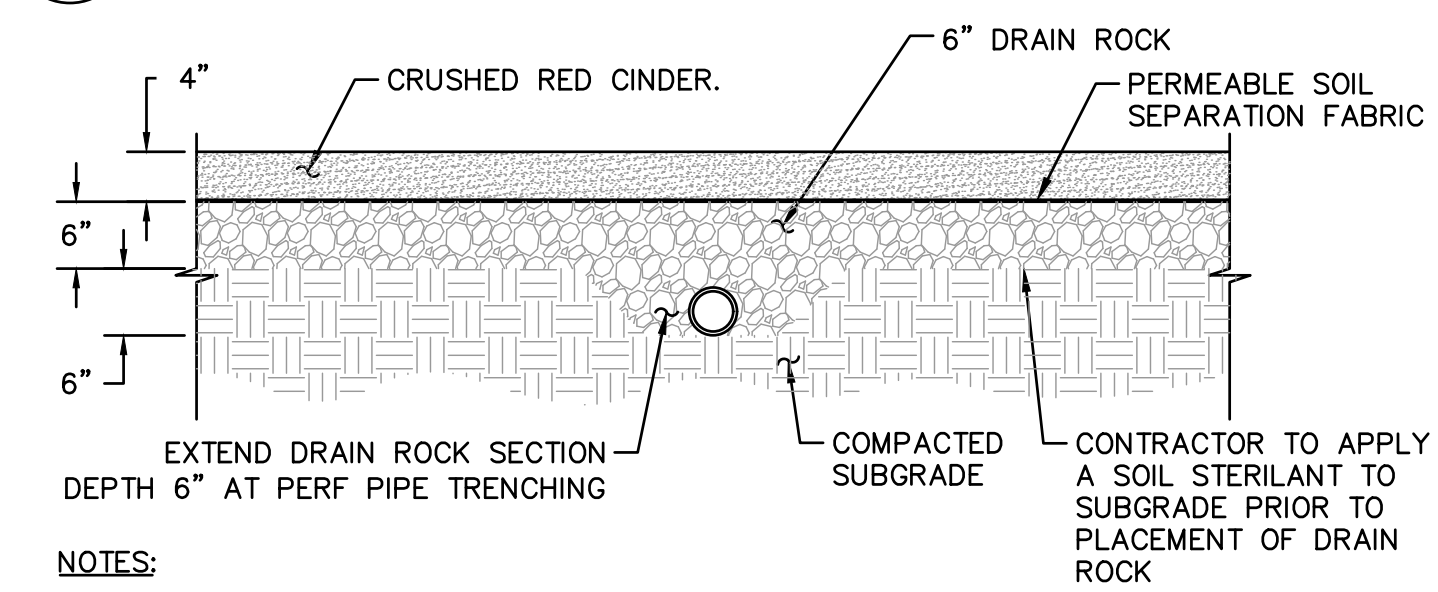


- 4 PERIMETER FOUNDATION DRAIN**  
SCALE: NTS
- NOTES:
- LAY PERFORATED DRAIN PIPE ON MIN. 0.5% GRADIENT, WIDENING EXCAVATION AS REQUIRED. MAINTAIN PIPE ABOVE 2:1 SLOPE AS SHOWN.
  - CONNECT TO FOUNDATION DRAIN STUBOUT SHOWN ON PLANS.

**4 PERIMETER FOUNDATION DRAIN**  
SCALE: NTS

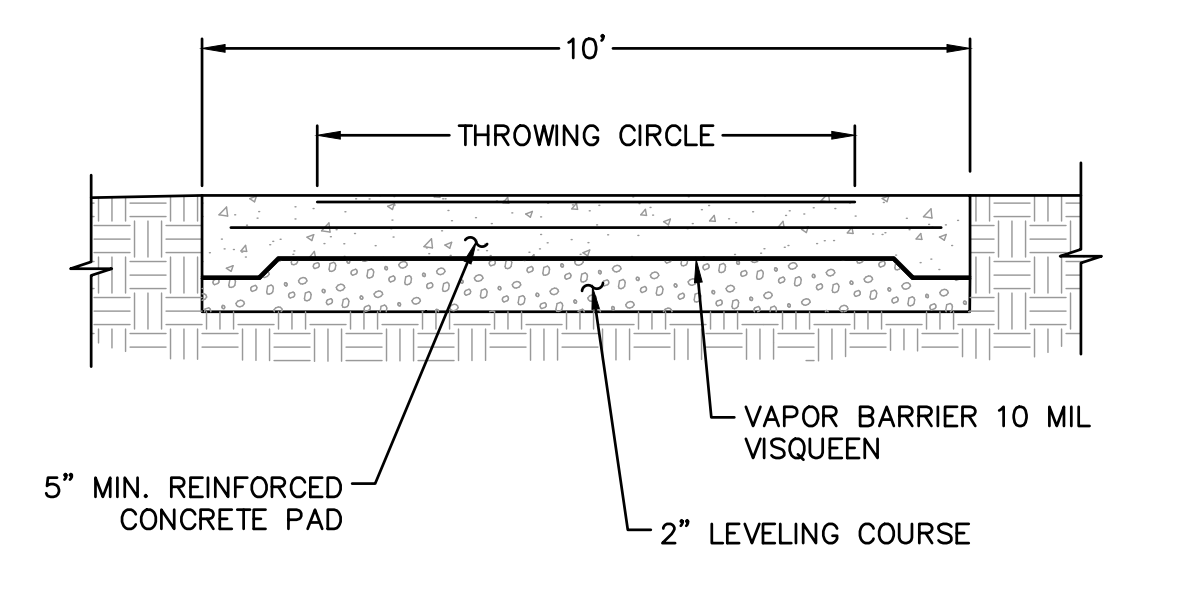


**5 TYPICAL PIPE BEDDING AND BACKFILL**  
SCALE: NTS

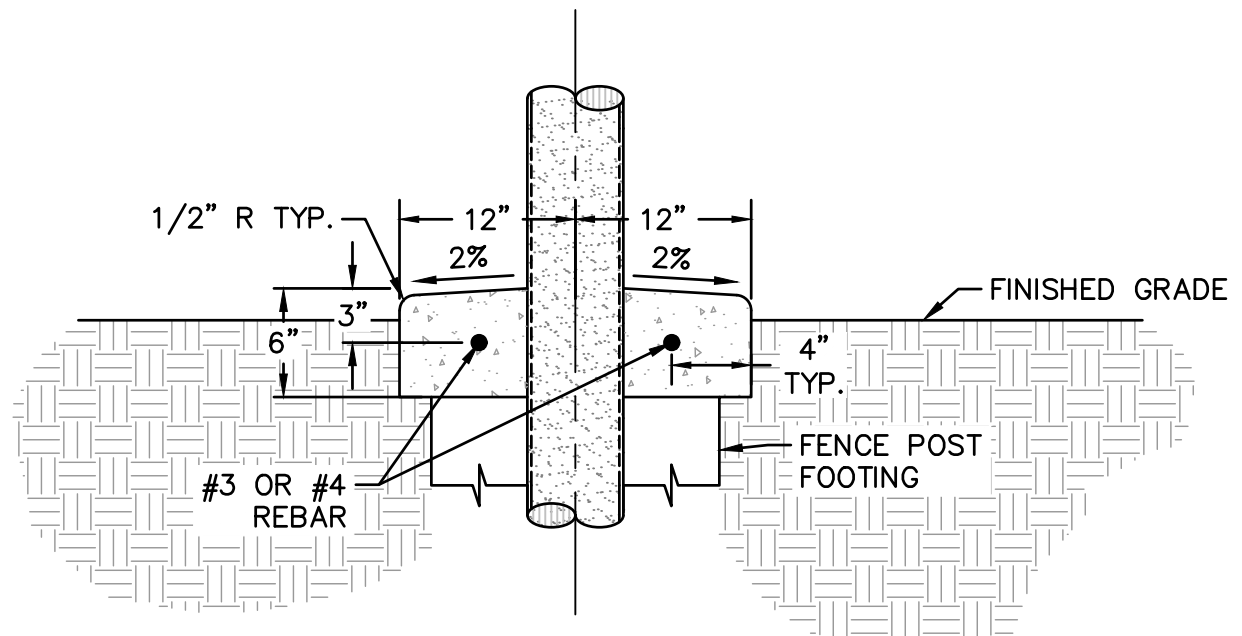


- 6 TYPICAL SHOT PUT MEDIA SECTION**  
SCALE: NTS
- NOTES:
- BSD IS RESPONSIBLE FOR FULL COST OF REFILLING AND MAINTENANCE OF MATERIAL.

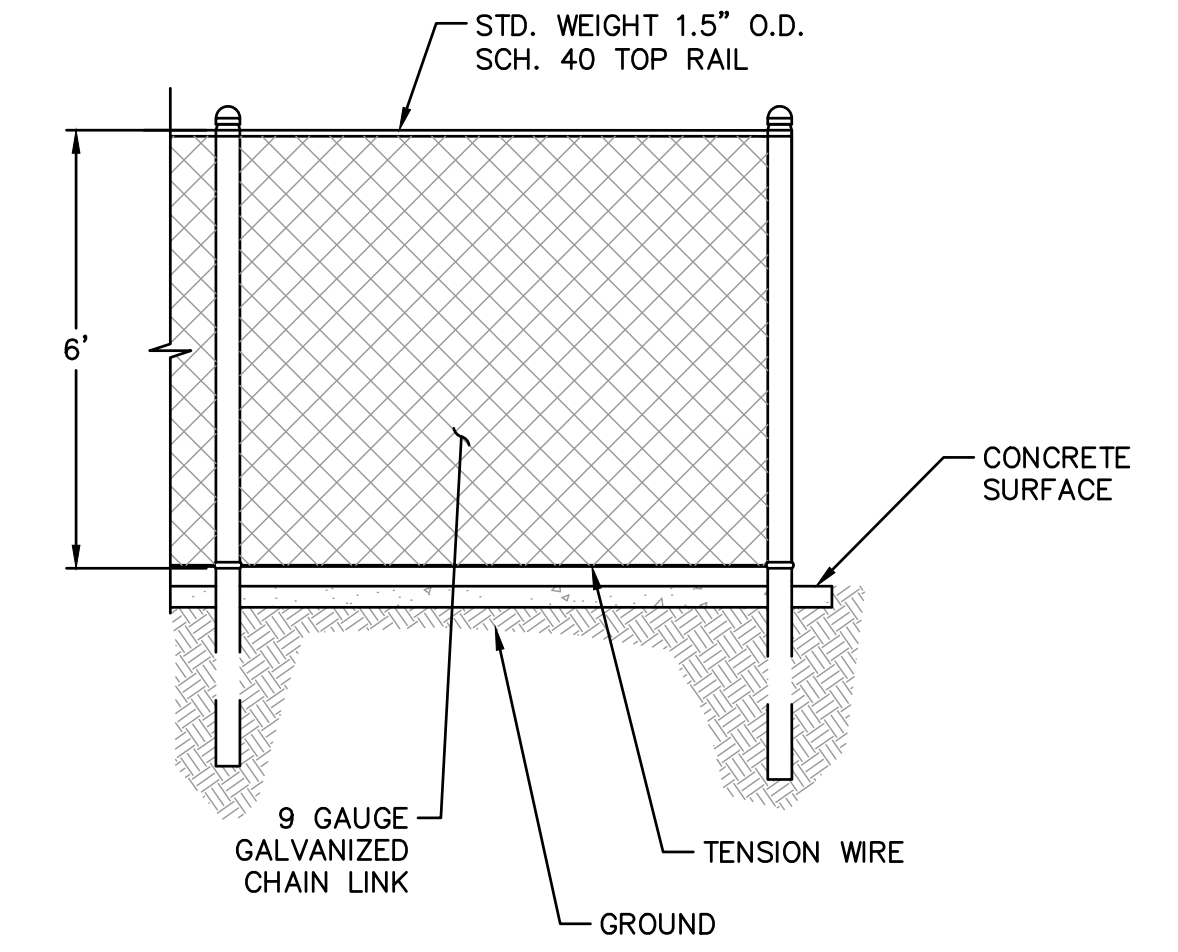
**6 TYPICAL SHOT PUT MEDIA SECTION**  
SCALE: NTS



**7 THROWING PAD SECTION**  
SCALE: NTS



**8 24\"/>**



**9 CHAIN LINK FENCE**  
SCALE: NTS

- CHAIN LINK FENCE SPECIFICATIONS:**
- FABRIC WILL HAVE A KNUCKLE/KNUCKLE SELVAGE. THE STANDARD DIAMOND SIZE WILL BE 2". IN HIGH-STRESS APPLICATIONS, A 1 1/2" DIAMOND SIZE WILL BE USED. FABRIC ENDS SHALL OCCUR ONLY AT TERMINAL, CORNER, OR PULL POSTS.
  - ATTACH FABRIC TO TERMINAL, CORNER, OR PULL POSTS WITH TENSION BARS AND TENSION BAR CLIPS WITH MAXIMUM 12" ON CENTER. FASTEN FABRIC TO LINE POSTS, TOP, BRACE, AND BOTTOM RAILS WITH TENSION WIRE WITH MAXIMUM 15" ON CENTER.
  - FABRIC SHALL BE INSTALLED TAUT, ON OUTSIDE OF POSTS AND RAILS, UNIFORMLY 1" ABOVE GROUND LEVEL.
  - GALVANIZED CHAIN LINK FABRIC TO BE GALVANIZED BEFORE WEAVE AND MEET ASTM A 392 CLASS 1 (1.2 OZ.) AS MANUFACTURED BY PACIFIC FENCE & WIRE COMPANY OR APPROVED EQUAL.
  - THE WIRE WILL HAVE A MINIMUM 9-GAUGE FINISH. IN HIGH-STRESS APPLICATIONS SUCH AS BACKSTOPS 10' AND BELOW, TRACK PERIMETERS, TRASH ENCLOSURES, SOCCER PRACTICE AREAS, ETC., THE MESH WILL HAVE A 6-GAUGE FINISH.
  - VINYL COATED CHAIN LINK FABRIC SHALL MEET ASTM F 668 CLASS 2B, FUSED-BONDED, AS MANUFACTURED BY PACIFIC FENCE & WIRE COMPANY OR APPROVED EQUAL. COLOR WILL BE BLACK OR AS REQUIRED BY AUTHORITY HAVING JURISDICTION (AHJ).
  - WIRE WILL HAVE A MINIMUM OF A 9-GAUGE CORE/8-GAUGE FINISH. WHERE APPLICABLE THE MESH WILL HAVE A 6-GAUGE CORE/5-GAUGE FINISH.
  - TOP RAILS SHALL BE INSTALLED THROUGH LINE POST CAPS AND SPLICED WITH 6" SLEEVES. BOTTOM RAIL OR TENSION WIRE SHALL BE INSTALLED UNIFORMLY 1" ABOVE FINISH GRADE.
  - POSTS AND RAIL 4" AND UNDER WILL MEET ASTM F 1043 GROUP 1-C
  - POSTS 6 5/8" AND 8 5/8" O.D. WILL MEET ASTM F 1043 GROUP 1-A
  - BLACK OR GREEN POSTS WILL HAVE A POWDER-COATED FINISH OVER THE GALVANIZED PIPE
  - BOLLARD POSTS WILL BE 4" X 7" OR 6 5/8" X 7" AS SPECIFIED AND COMPLY WITH THE ASTM SPECIFICATIONS AS LISTED ABOVE.
  - POSTS SHALL BE SET IN CONCRETE WITH FENCE POST EXTENDING THROUGH BOTTOM OF CONCRETE.
  - FENCES 6" AND UNDER WILL HAVE 36" X 10" TERMINAL/GATE POST FOOTINGS AND 24" X 8" LINE POST FOOTINGS
  - GALVANIZED TENSION WIRE WILL HAVE A 7-GAUGE FINISH AND MEET ASTM A 824 TYPE II AND WILL BE MARCELLED
  - VINYL COATED TENSION WIRE WILL HAVE A 6-GAUGE FINISH/9-GAUGE CORE AND WILL BE MARCELLED
  - VINYL COATED TENSION WIRE WILL MEET ASTM F 1664 CLASS 2A
  - STANDARD FENCE FITTINGS WILL MEET ASTM F 626 (DOMESTIC)
  - HEAVY BRACE AND TENSION BANDS 1/8" X 1" ARE REQUIRED
  - FENCE TIES ARE TO BE 11-GAUGE STEEL WITH FREQUENCY OUTLINED IN ASTM STANDARD
  - VINYL COATED FENCE TIES WILL HAVE A 9-GAUGE FINISH WITH AN 11-GAUGE CORE WIRE
  - BLACK AND GREEN FENCE FITTINGS WILL BE POWDER-COATED



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PORTLAND, OREGON 97224  
TEL: 503.226.1285  
FAX: 503.226.1670  
WWW.CIDAINC.COM

NEW CONSTRUCTION FOR  
**SOUTHBRIDGE HIGH SCHOOL  
STORAGE SHED & TICKET BOOTH**  
9625 SW 125TH AVE  
BEAVERTON, OR 97008

PERMIT SET 06.15.26

**C3.1**  
DETAILS

JOB NO. 25020001

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### STORMFILTER DESIGN NOTES

- CONCRETE CATCHBASIN STORMFILTER TREATMENT CAPACITY VARIES BY CARTRIDGE COUNT AND LOCAL APPROVALS
- PEAK CONVEYANCE CAPACITY IS 1.3 CFS
- CONCRETE CATCHBASIN STORMFILTER IS AVAILABLE WITH UP TO TWO (2) 18" (457) OR 27" (686) TALL CARTRIDGES
- UP TO 4 INDIVIDUAL UNITS MAY BE LINKED FOR AN ULTIMATE CAPACITY OF EIGHT (8) CARTRIDGES

CARTRIDGE SIZE (in. (mm))	27" (686)	18" (457)
RECOMMENDED HYDRAULIC DROP (ft. (mm))	3.05 (930)	2.3 (701)
SPECIFIC FLOW RATE (gpm/(ft <sup>2</sup> (mm <sup>2</sup> )))	2.1 (30)	1.67 (11.13)
CARTRIDGE FLOW RATE (gpm (L/s))	22.5 (1.4)	18.79 (1.19)

\* 1.67 gpm/ft<sup>2</sup> (1.13 L/s/m<sup>2</sup>) SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOSORB® (PSORB) MEDIA ONLY

LINKING OPTIONS SHOWN BELOW. FLEXIBLE INLET PIPE, GRATED AND SOLID COVER PLACEMENT.  
CONTACT YOUR CONTECH REPRESENTATIVE FOR MORE INFORMATION.

QUAD UNIT  
(SHIPPED IN 2 PIECES)

TRIPLE UNIT  
(SHIPPED IN 2 PIECES)

DUAL UNIT  
(SHIPPED IN 1 PIECE)

SINGLE UNIT

MAXIMUM RIM TO OUTLET PIPE INVERT HEIGHT IS 6.05' (1844).

**PLAN VIEW**

**GENERAL NOTES**

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- ALTERNATE DIMENSIONS ARE MILLIMETERS (mm) UNLESS NOTED OTHERWISE.
- FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. [www.ContechES.com](http://www.ContechES.com)
- STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
- FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING. RADIAL MEDIA DEPTH SHALL BE 7 INCHES (178). FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 30 SECONDS.
- SPECIFIC FLOW RATE IS THE MEASURE OF THE FLOW (GPM (L/S)) DIVIDED BY THE MEDIA SURFACE CONTACT AREA (SF (m<sup>2</sup>)).
- STRUCTURE SHALL MEET AASHTO H20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 0.2' (51) AND GROUNDWATER ELEVATION AT OR BELOW THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.

**INSTALLATION NOTES**

- ANY SUBBASE BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE.
- CONTRACTOR TO PROVIDE AND INSTALL PIPES. MATCH PIPE INVERTS SHOWN ON PROJECT SPECIFIC DRAWINGS.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

**PLAN VIEW**  
CASTINGS NOT SHOWN

**RIGHT SIDE VIEW**

**ELEVATION VIEW**

**CONTECH ENGINEERED SOLUTIONS LLC**  
www.ContechES.com  
11815 NE Glenn Widing Drive, Portland, OR 97220  
800-548-4667 503-240-3393 800-561-1271 FAX

**CONCRETE CATCHBASIN STORMFILTER STANDARD DETAIL**

**SITE SPECIFIC DATA REQUIREMENTS**

STRUCTURE ID	
WATER QUALITY FLOW RATE (cfs (L/s))	
PEAK FLOW RATE (cfs (L/s))	
RETURN PERIOD OF PEAK FLOW (yrs)	
CARTRIDGE SIZE (27" (686))	
CARTRIDGE FLOW RATE	
MEDIA TYPE (PERLITE, ZPG, PSORB)	
NUMBER OF CARTRIDGES REQUIRED	
RIM ELEVATION	
PIPE DATA	
INLET PIPE 1	INVERT MATERIAL DIAMETER
INLET PIPE 2	
OUTLET PIPE	

NOTES/SPECIAL REQUIREMENTS:

**PLAN VIEW**

**CROSS SECTION**

**PROFILE VIEW**

PIPE Ø in (mm)	H1+H2 in (mm)	W in (mm)	O in (mm)	R in (mm)	S in (mm)	H in (mm)	PRODUCT #
6 (150)	3.00 - 24.00 (76 - 610)	0.46 (12)					8890DSXL
8 (200)	3.00 - 24.00 (76 - 610)	0.61 (16)					0890DSXL
10 (250)	3.00 - 24.00 (76 - 610)	0.73 (19)					1090DSXL
12 (300)	3.00 - 24.00 (76 - 610)	0.89 (23)					1290DSXL
15 (375)	24.01 - 38.00 (610 - 914)	1.15 (29)					1590DSXL
15 (375)	24.01 - 38.00 (610 - 914)	1.30 (33)					1590DSPTXL
18 (450)	24.01 - 38.00 (610 - 914)	1.30 (33)					1890DSXL
18 (450)	24.01 - 38.00 (610 - 914)	1.57 (40)					1890DSPTXL
24 (600)	24.01 - 38.00 (610 - 914)	1.86 (47)					2490DSXL
24 (600)	24.01 - 38.00 (610 - 914)	1.86 (47)					2490DSPTXL
30 (750)	5.00 - 24.00 (127 - 609)	2.55 (65)					3990DSXL
30 (750)	24.01 - 38.00 (610 - 914)	2.85 (73)					3990DSPTXL
36 (900)	5.25 - 24.00 (133 - 609)	2.85 (73)					3690DSXL
36 (900)	24.01 - 38.00 (610 - 914)	2.85 (73)					3690DSPTXL

**NOTES:**

- SEE GRATING DETAILS FOR SURFACE TREATMENT OPTIONS
- H1 AND H2 VARY BASED ON PROJECT SPECIFICATIONS AND MAY NOT RESEMBLE THE IMAGES SHOWN ABOVE.
- ALL DIMENSIONS ARE FOR REFERENCE ONLY.

3	Updated Layers & Logo	KJS	01/09/25	
REV	DESCRIPTION	BY	MM/DD/YY	CHKD

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**ADS** Advanced Drainage Systems, Inc.  
4640 TRUBMAN BLVD  
HILLIARD, OHIO 43026

Duraslot XL Pipe  
Custom Slot Height  
DRAWING NUMBER: STD-1401B



EXPIRES: 6/30/2026

ISSUED DATE	REVISION
02/17/2026	1 TYPE 3 DESIGN REVIEW
03/11/2026	2 DD REVIEW SET
05/09/2026	3 SITE DEVELOPMENT PERMIT
05/22/2026	4 CD REVIEW SET
06/15/2026	5 PERMIT SET



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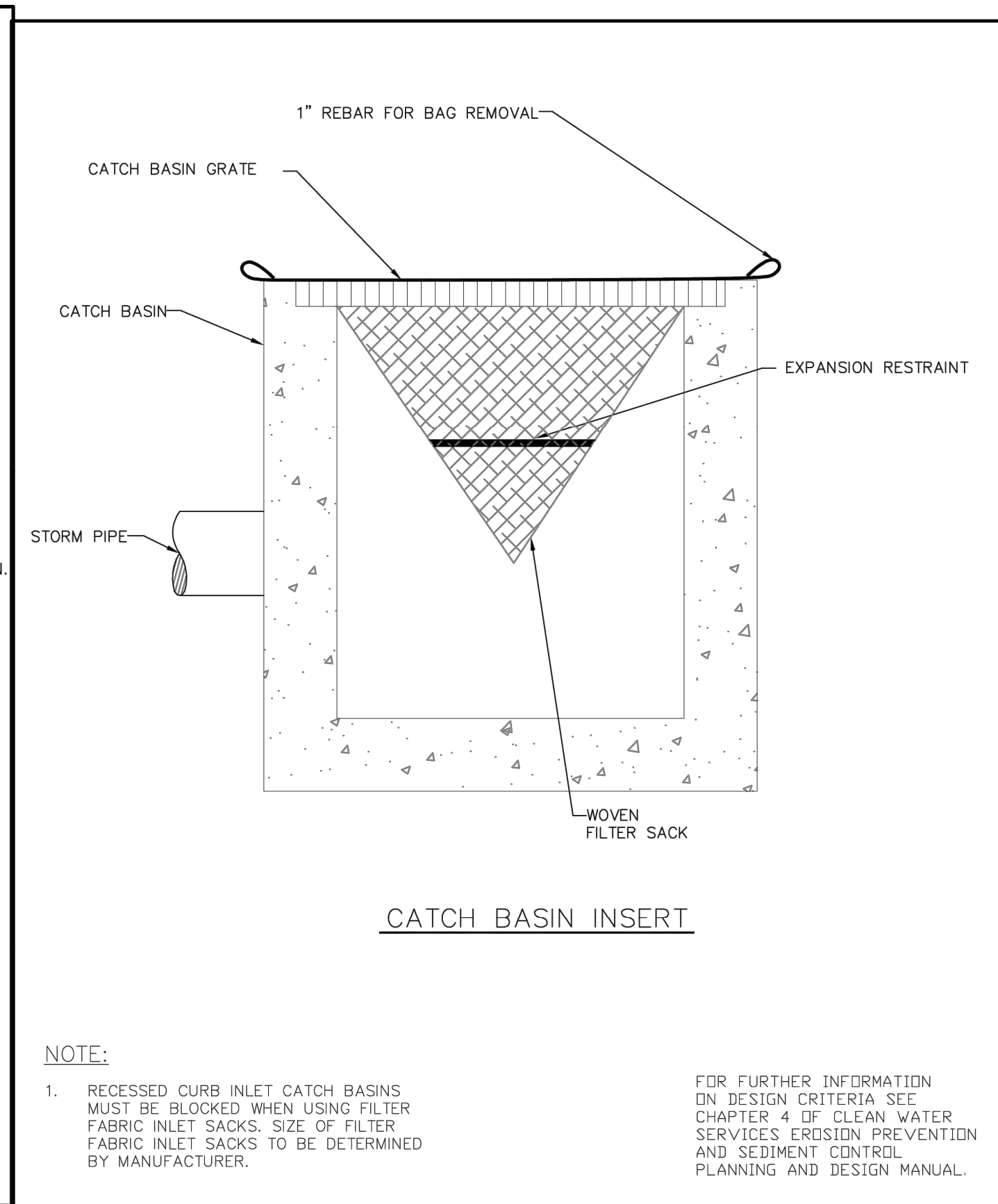
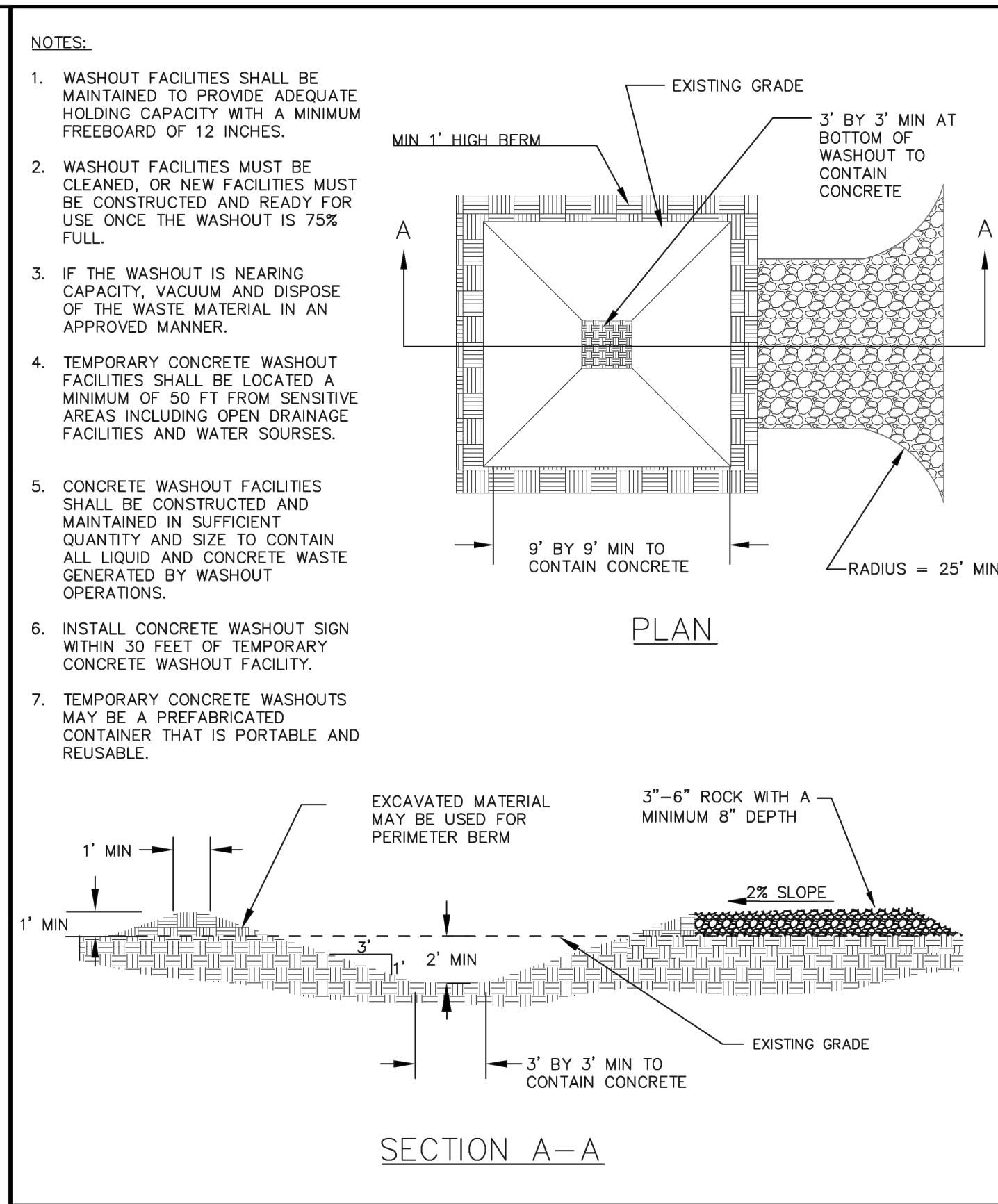
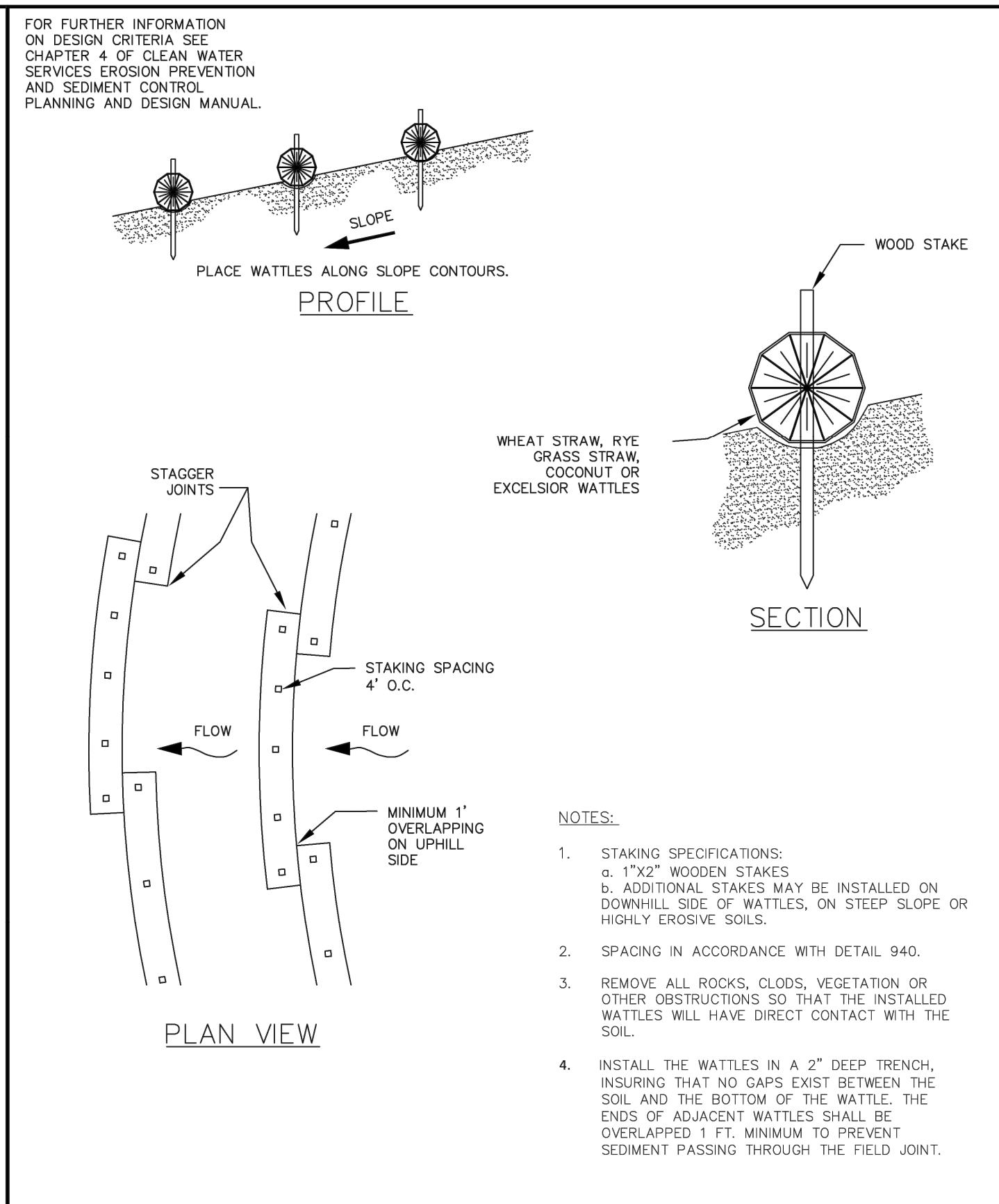
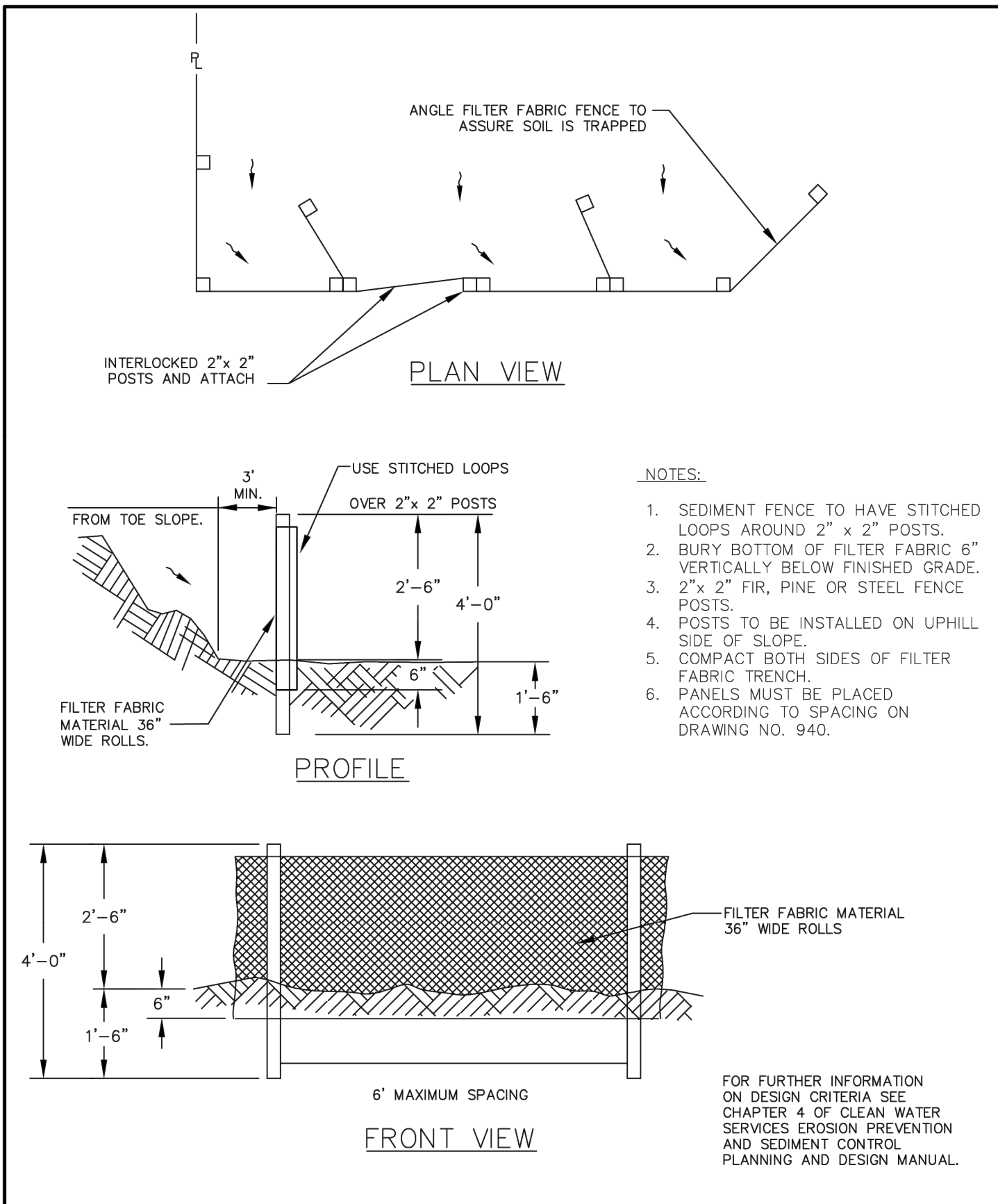
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**C4.0**

ESC DETAILS

JOB NO. 250200.01

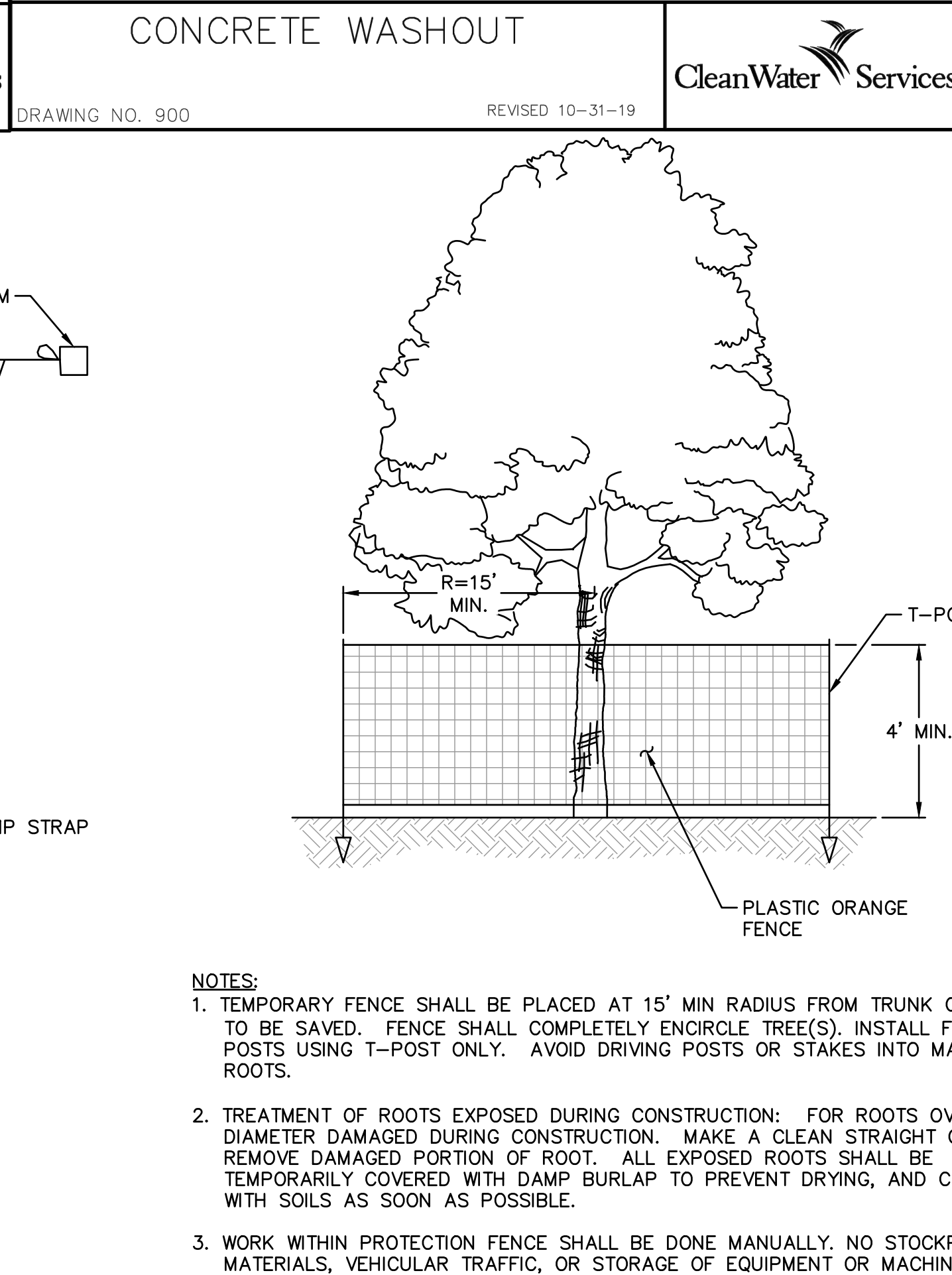
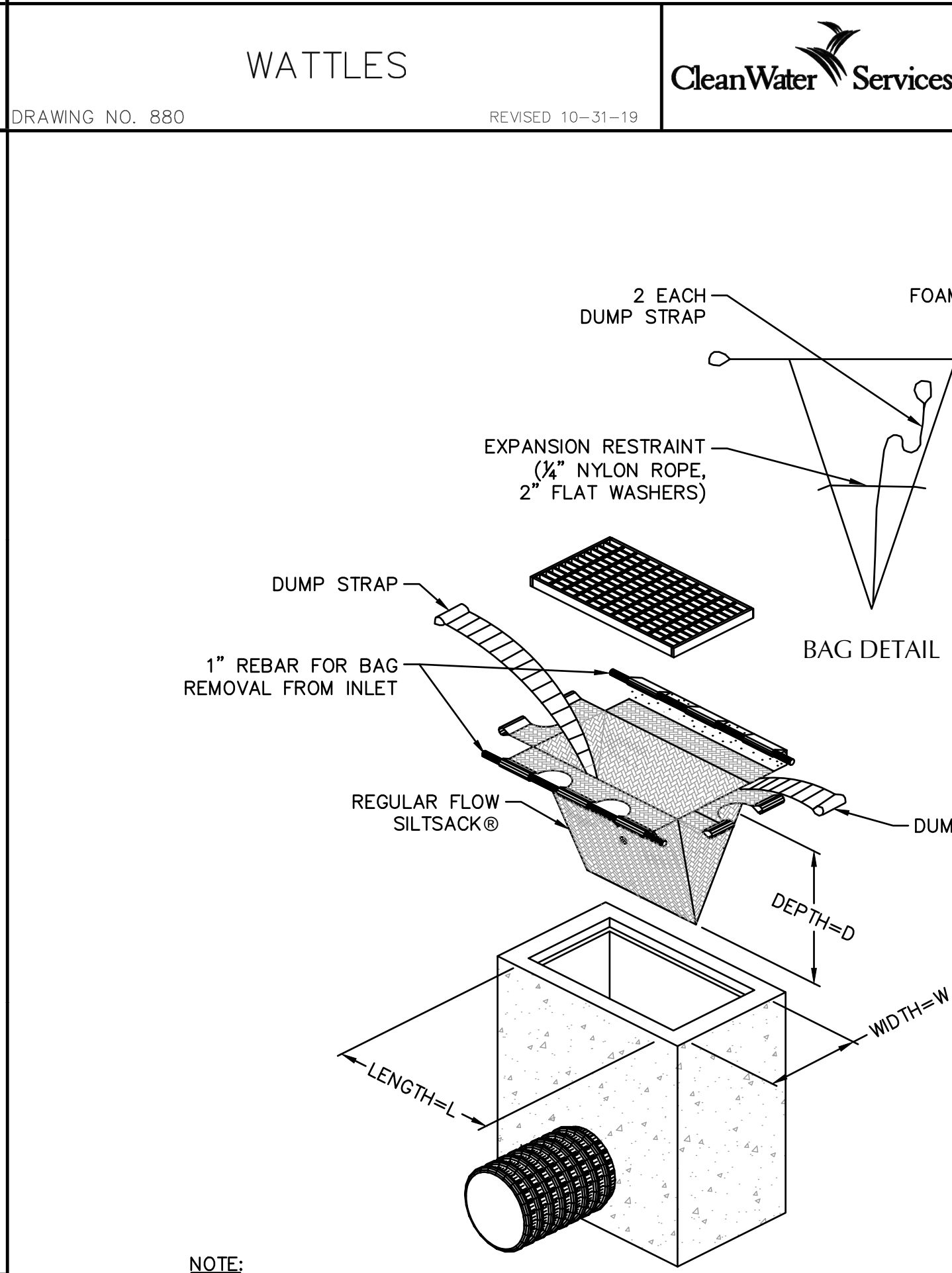
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**STANDARD EROSION CONTROL NOTES FOR SITES LESS THAN 1 ACRE**  
DRAWING NO. 945  
REVISED 10-31-19

**NOTES:**

- WHEN RAINFALL AND RUNOFF OCCURS, A KNOWLEDGEABLE AND EXPERIENCED PERSON IN THE PRINCIPLES, PRACTICES, INSTALLATION, AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS WHO WORKS FOR THE PERMITTEE MUST PROVIDE DAILY INSPECTIONS OF THE EROSION AND SEDIMENT CONTROLS AND DISCHARGE OUTFALLS.
- CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND FROM OCTOBER 1 THROUGH MAY 31ST EACH YEAR.
- DURING WET WEATHER PERIOD, TEMPORARY STABILIZATION OF THE SITE MUST OCCUR AT THE END OF EACH WORK DAY.
- SEDIMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ON ALL DOWN GRADIENT SIDES OF THE CONSTRUCTION SITE AT ALL TIMES DURING CONSTRUCTION. THEY MUST REMAIN IN PLACE UNTIL PERMANENT VEGETATION OR OTHER PERMANENT COVERING OF EXPOSED SOIL IS ESTABLISHED.
- ALL ACTIVE INLETS MUST HAVE SEDIMENT CONTROLS INSTALLED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- SIGNIFICANT AMOUNTS OF SEDIMENT THAT LEAVES THE SITE MUST BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ON THE SITE AND STABILIZED OR PROPERLY DISPOSED. THE CAUSE OF THE SEDIMENT RELEASE MUST BE FOUND AND PREVENTED FROM CAUSING A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIME FRAME.
- SEDIMENT MUST NOT BE INTENTIONALLY WASHED INTO STORM SEWERS, DRAINAGE WAYS, OR WATER BODIES.
- SEDIMENT MUST BE REMOVED FROM BEHIND ALL SEDIMENT CONTROL MEASURES WHEN IT HAS REACHED A HEIGHT OF 1/3-RD THE BARRIER HEIGHT AND PRIOR TO THE CONTROL MEASURES REMOVAL.
- CLEANING OF ALL STRUCTURES WITH SUMPS MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY 50% AND AT COMPLETION OF PROJECT.
- ANY USE OF TOXIC OR OTHER HAZARDOUS MATERIALS MUST INCLUDE PROPER STORAGE, APPLICATION, AND DISPOSAL.
- THE PERMITTEE MUST PROPERLY MANAGE HAZARDOUS WASTES, USED OILS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER TOXIC SUBSTANCES DISCOVERED OR GENERATED DURING CONSTRUCTION.
- THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS. NUTRIENT RELEASES FROM FERTILIZERS TO SURFACE WATERS MUST BE MINIMIZED. TIME RELEASE FERTILIZERS SHOULD BE USED AND CARE SHOULD BE MADE IN APPLICATION OF FERTILIZERS WITHIN ANY WATER WAY RIPARIAN ZONE.
- OWNER OR DESIGNATED PERSON SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH CURRENT CLEAN WATER SERVICES STANDARDS AND STATE, AND FEDERAL REGULATIONS.
- PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDARIES OF THE CLEARING LIMITS, VEGETATED BUFFERS, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BE CLEARLY DELINEATED IN THE FIELD. UNLESS OTHERWISE APPROVED, NO DISTURBANCE IS PERMITTED BEYOND THE CLEARING LIMITS. THE OWNER/PERMITTEE MUST MAINTAIN THE DELINEATION FOR THE DURATION OF THE PROJECT. NOTE: VEGETATED CORRIDORS TO BE DELINEATED WITH ORANGE CONSTRUCTION FENCE OR APPROVED EQUAL.
- PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BMPs THAT MUST BE INSTALLED ARE GRAVEL CONSTRUCTION ENTRANCE, PERIMETER SEDIMENT CONTROL, AND INLET PROTECTION. THESE BMPs MUST BE MAINTAINED FOR THE DURATION OF THE PROJECT.
- IF VEGETATIVE SEED MIXES ARE SPECIFIED, SEEDING MUST TAKE PLACE NO LATER THAN SEPTEMBER 1ST; THE TYPE AND PERCENTAGES OF SEED IN THE MIX ARE AS IDENTIFIED ON THE PLANS OR AS SPECIFIED BY THE DESIGN ENGINEER.
- WATERTIGHT TRUCKS MUST BE USED TO TRANSPORT SATURATED SOILS FROM THE CONSTRUCTION SITE. AN APPROVED EQUIVALENT IS TO DRAIN THE SOIL ON SITE AT A DESIGNATED LOCATION USING APPROPRIATE BMPs; SOIL MUST BE DRAINED SUFFICIENTLY FOR MINIMAL SPILLAGE.
- ALL PUMPING OF SEDIMENT LADEN WATER MUST BE DISCHARGED OVER AN UNDISTURBED, PREFERABLY VEGETATED AREA, AND THROUGH A SEDIMENT CONTROL BMP (I.E. FILTER BAG).
- THE ESC PLAN MUST BE KEPT ONSITE. ALL MEASURES SHOWN ON THE PLAN MUST BE INSTALLED PROPERLY TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER A SURFACE WATER SYSTEM, ROADWAY, OR OTHER PROPERTIES.
- THE ESC MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE MEASURES SHALL BE UPGRADED AS NEEDED TO MAINTAIN COMPLIANCE WITH ALL REGULATIONS.
- WRITTEN ESC LOGS ARE SUGGESTED TO BE MAINTAINED ONSITE AND AVAILABLE TO DISTRICT INSPECTORS UPON REQUEST.
- IN AREAS SUBJECT TO WIND EROSION, APPROPRIATE BMPs MUST BE USED, WHICH MAY INCLUDE THE APPLICATION OF FINE WATER SPRAYING, PLASTIC SHEETING, MULCHING, OR OTHER APPROVED MEASURES.
- ALL EXPOSED SOILS MUST BE COVERED, AT END OF BUSINESS DAY, DURING WET WEATHER PERIOD, FROM OCTOBER 1 - MAY 31.





ISSUED DATE	DESCRIPTION
02/17/2026	1 TYPE 3 DESIGN REVIEW
03/11/2026	2 DD REVIEW SET
05/08/2026	3 SITE DEVELOPMENT PERMIT
05/02/2026	4 CD REVIEW SET
06/15/2026	5 PERMIT SET

**PLANT LEGEND**

 LAWN SEED TO MATCH ADJACENT LAWN  
3,475 SF

**IRRIGATION NOTES**

1. THE AREA HAS AN EXISTING AND WORKING IRRIGATION SYSTEM WITH A STAND ALONE CONTROLLER AND BACKFLOW DEVICE. CONTRACTOR TO ADJUST EXISTING LATERALS AND MAINLINE AS REQUIRED BY NEW WORK.

**PLANTING NOTES**

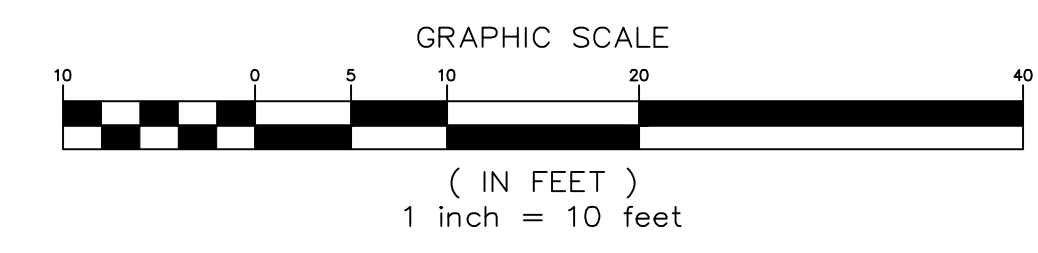
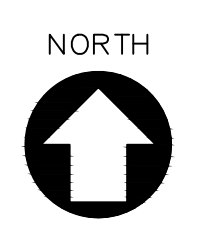
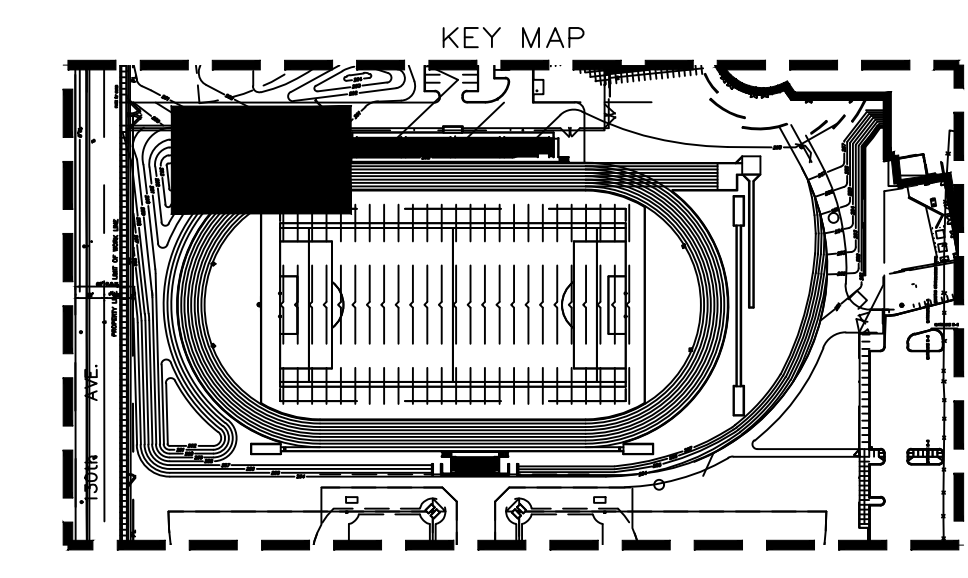
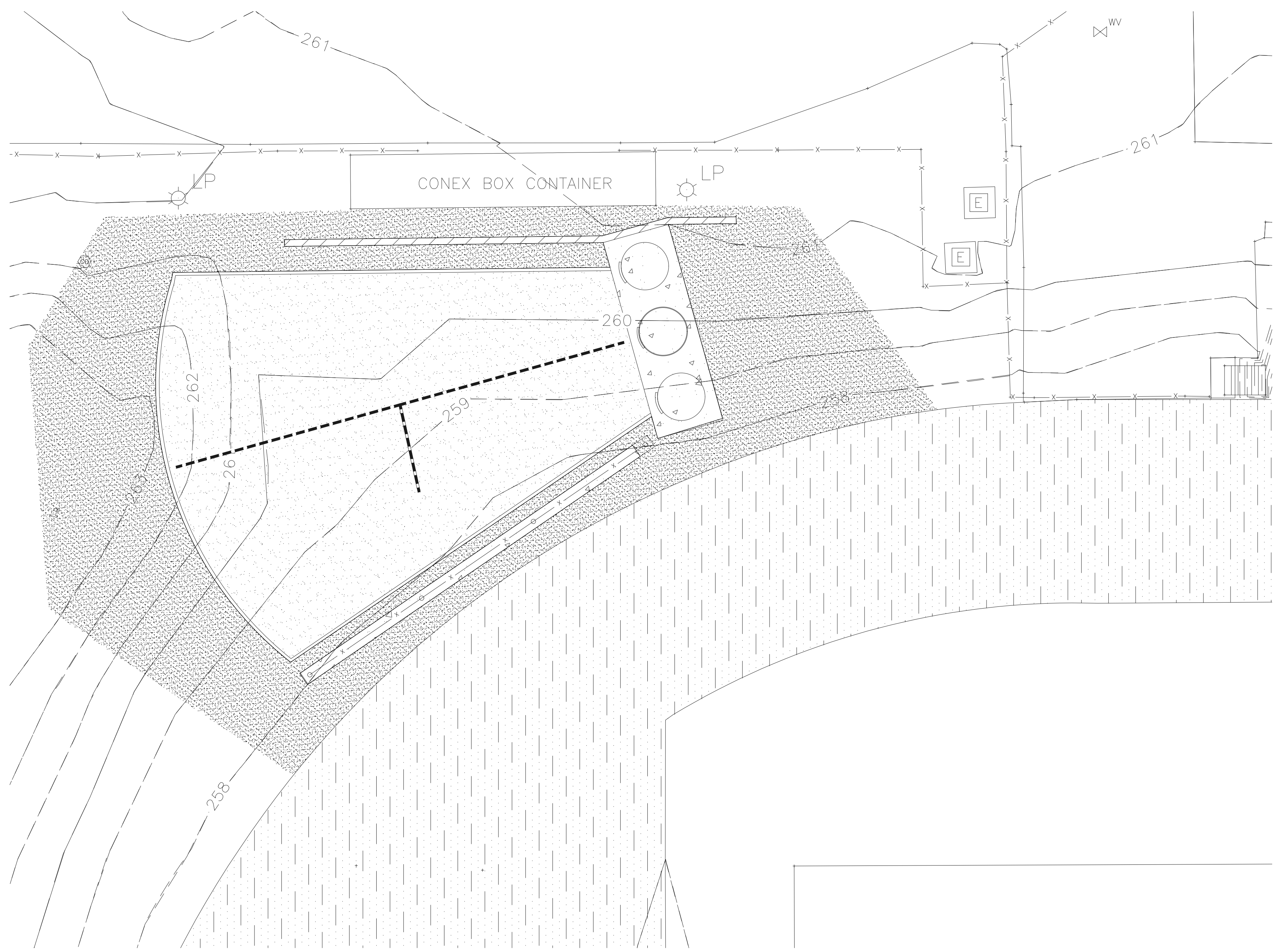
1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT WASHINGTON COUNTY STANDARDS AND THE OREGON STRUCTURAL SPECIALTY CODE.
2. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT AT LEAST TWO WEEKS PRIOR TO START OF LANDSCAPE WORK TO REVIEW SUBSTITUTIONS & JURISDICTIONAL REQUIREMENTS.
3. SUBSTITUTIONS WILL NOT BE ACCEPTED UNLESS SPECIFICALLY ACCEPTED IN WRITING BY THE OWNER OR OWNER'S REPRESENTATIVE.
4. VERIFY ALL EXISTING CONDITIONS, INCLUDING LOCATION OF PROPERTY LINES, PRIOR TO BEGINNING ANY WORK. REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
5. DO NOT WILLFULLY PROCEED WITH CONSTRUCTION WHEN UNKNOWN OBSTRUCTIONS AND/OR DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE OF UNKNOWN OBSTRUCTIONS AND/OR DIFFERENCES. PRIOR TO REMOVING ANY EXISTING FEATURES, REVIEW AND CONFIRM EXTENT OF DEMOLITION WITH OWNER'S REPRESENTATIVE.
6. PROTECT EXISTING ITEMS TO REMAIN DURING CONSTRUCTION. ANY DAMAGE TO EXISTING ITEMS DESIGNATED TO REMAIN I.E. CURBS, WALKS, PLANT MATERIAL, LAWN OR FENCES SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
7. VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, LINES, PIPES, VAULTS, OR BOXES PRIOR TO EXCAVATION. MARK AND PROTECT ALL UTILITIES, SITE FEATURES AND VEGETATION TO REMAIN IN PLACE. ANY DAMAGE TO ANY KNOWN EXISTING UTILITY ELEMENTS SHALL BE REPAIRED PROPERLY AND IMMEDIATELY.
8. REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ALL DEBRIS AND EXCAVATED MATERIAL NOT REQUIRED FOR FILL. NO RUBBISH OR DEBRIS SHALL BE BURIED ON THE SITE.
9. MAINTAIN ALL ROADWAYS AND PAVED PATHWAYS CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, PROVIDING NECESSARY DUST CONTROL WHERE REQUIRED.
10. COORDINATE AND SCHEDULE ALL WORK WITH THE OWNER'S REPRESENTATIVE.
11. INSTALL EROSION CONTROL SYSTEMS IN ACCORDANCE WITH WASHINGTON COUNTY STANDARDS PRIOR TO SITE WORK AND LANDSCAPE INSTALLATION.
12. CONTRACTOR SHALL PROVIDE TOPSOIL, SOIL AMENDMENTS, AND EROSION CONTROL.
13. CONTRACTOR SHALL SUBMIT CERTIFIED TOPSOIL ANALYSIS REPORT FOR OWNER'S APPROVAL PRIOR TO PLANT INSTALLATION. SEE SPECS.
14. CONTRACTOR IS RESPONSIBLE FOR ANY AMENDMENTS TO SOIL PH FERTILITY AND/OR DRAINAGE CONDITIONS NECESSARY TO ENSURE PROPER GROWING CONDITIONS FOR PROPOSED PLANTINGS. SEE SPECS.
15. CONTRACTOR SHALL FOLLOW PROVIDER'S INSTRUCTIONS AND RECOMMENDATIONS FOR SEEDING.
16. ALL PLANTS SHALL BE IRRIGATED BY A FULLY AUTOMATED, PERMANENT IRRIGATION SYSTEM UNLESS OTHERWISE NOTED. SEE SPECS.
17. PRIOR TO FINAL ACCEPTANCE, CONTRACTOR SHALL PROVIDE OWNER WITH AS-BUILT PLANS OF THE INSTALLATION, COPIES OF ALL OPERATION MANUALS AND WARRANTY DOCUMENTS.
18. ALL NEW PLANTS IN LANDSCAPE AREAS SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
19. COORDINATE INSTALLATION PLANTING MATERIALS WITH IRRIGATION. PLANT ONLY IN AREAS WHERE THE IRRIGATION SYSTEM IS COMPLETE AND FULLY OPERATIONAL.

**MAINTENANCE**

20. MAINTAIN LANDSCAPE PLANTINGS FROM INSTALLATION UNTIL FINAL ACCEPTANCE.
21. MAINTAIN LAWN AREAS UNTIL FINAL ACCEPTANCE.

**WEEDING AND CLEANUP**

22. KEEP ALL LANDSCAPE AREAS CLEAN AND WEED FREE. KEEP ALL BUILDINGS, PAVEMENTS, AND OTHER EXTERIOR IMPROVEMENTS CLEAN AND FREE OF SOIL AND DEBRIS.
23. WEED ALL BEDS AND LAWN WEEKLY.



**CIDA**  
ARCHITECTURE  
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INTERIORS

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FAX: 503.226.1678  
WWW.CIDAINC.COM

NEW CONSTRUCTION FOR  
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STORAGE SHED & TICKET BOOTH**  
9625 SW 125TH AVE  
BEAVERTON, OR 97008

LANDSCAPE PLAN

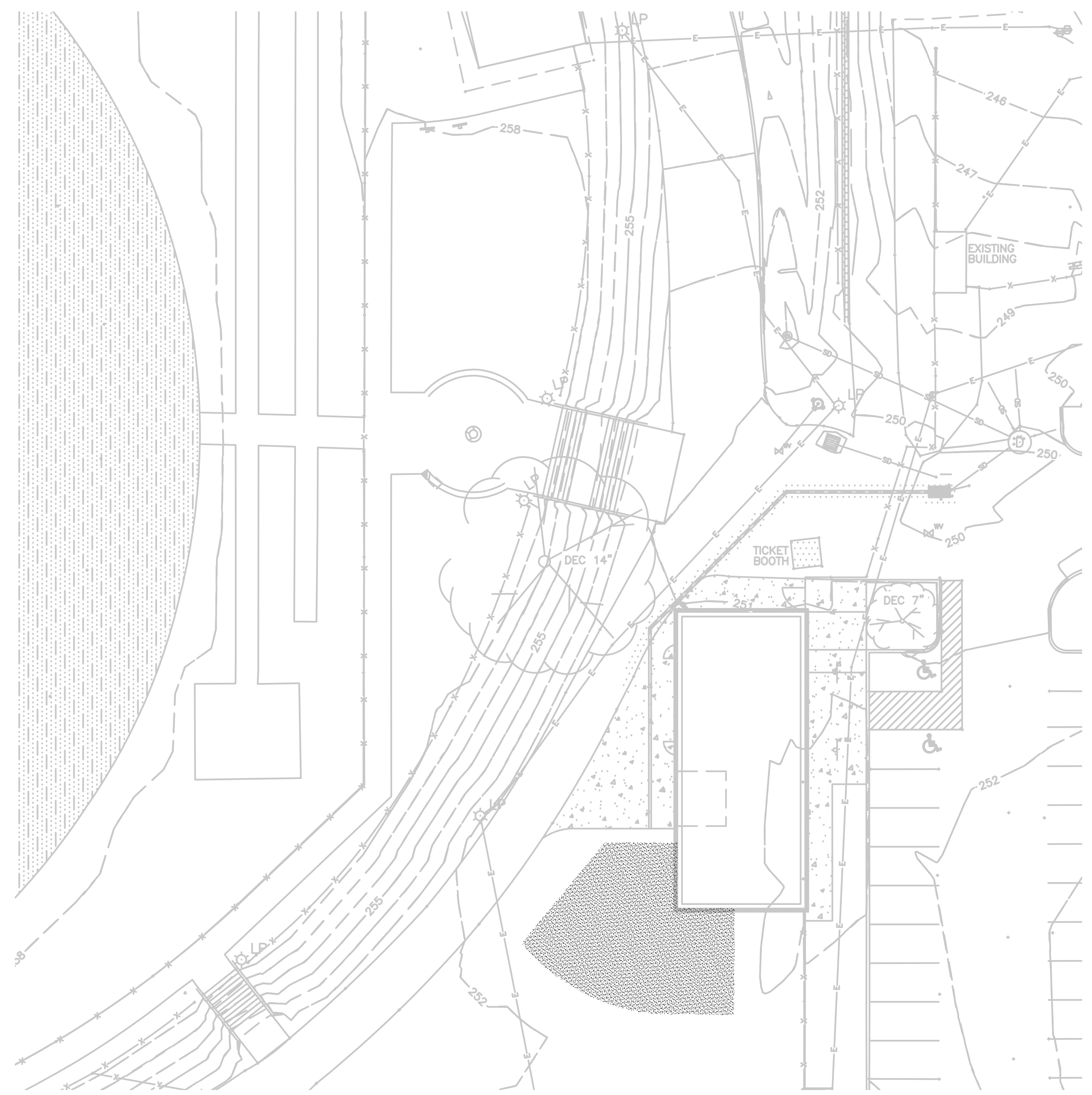
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JOB NO. 250200.01

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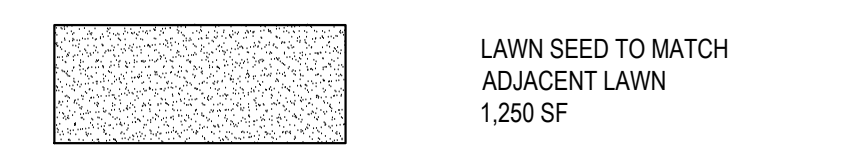
**CD REVIEW SET 06.15.26**



ISSUED DATE	TYPE
02/17/2026	TYPE 3 DESIGN REVIEW
03/11/2026	DD REVIEW SET
05/08/2026	SITE DEVELOPMENT PERMIT
05/22/2026	CD REVIEW SET
06/15/2026	PERMIT SET



**PLANT LEGEND**



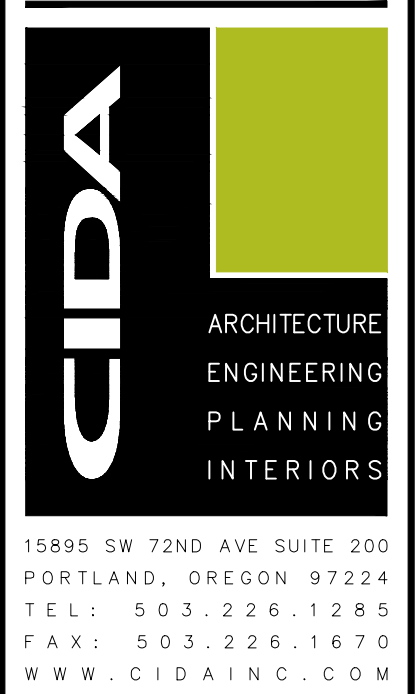
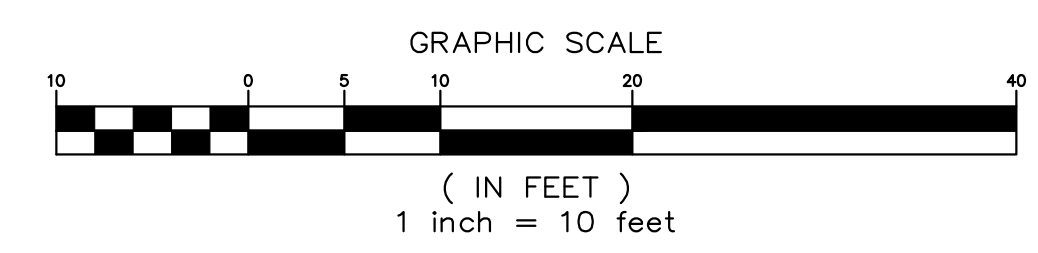
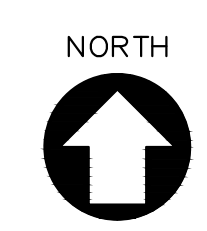
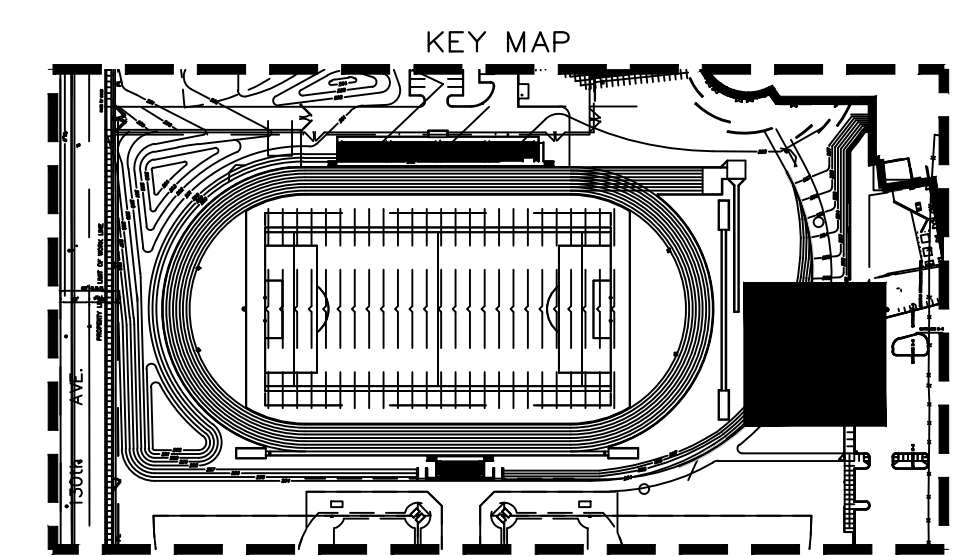
**IRRIGATION NOTES**

1. THE AREA HAS AN EXISTING AND WORKING IRRIGATION SYSTEM WITH A STAND ALONE CONTROLLER AND BACKFLOW DEVICE. CONTRACTOR TO ADJUST EXISTING LATERALS AND MAINLINE AS REQUIRED BY NEW WORK.
2. REMOVED SHOT PUT AREA TO BE INFILLED. COMPACTED, FILL & TOPSOIL TO MATCH SURROUNDING ELEVATIONS.

**PLANTING NOTES**

1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT WASHINGTON COUNTY STANDARDS AND THE OREGON STRUCTURAL SPECIALTY CODE.
2. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT AT LEAST TWO WEEKS PRIOR TO START OF LANDSCAPE WORK TO REVIEW SUBSTITUTIONS & JURISDICTIONAL REQUIREMENTS.
3. SUBSTITUTIONS WILL NOT BE ACCEPTED UNLESS SPECIFICALLY ACCEPTED IN WRITING BY THE OWNER OR OWNER'S REPRESENTATIVE.
4. VERIFY ALL EXISTING CONDITIONS, INCLUDING LOCATION OF PROPERTY LINES, PRIOR TO BEGINNING ANY WORK. REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
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6. PROTECT EXISTING ITEMS TO REMAIN DURING CONSTRUCTION. ANY DAMAGE TO EXISTING ITEMS DESIGNATED TO REMAIN I.E. CURBS, WALKS, PLANT MATERIAL, LAWN OR FENCES SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
7. VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, LINES, PIPES, VAULTS, OR BOXES PRIOR TO EXCAVATION. MARK AND PROTECT ALL UTILITIES, SITE FEATURES AND VEGETATION TO REMAIN IN PLACE. ANY DAMAGE TO ANY KNOWN EXISTING UTILITY ELEMENTS SHALL BE REPAIRED PROPERLY AND IMMEDIATELY.
8. REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ALL DEBRIS AND EXCAVATED MATERIAL NOT REQUIRED FOR FILL. NO RUBBISH OR DEBRIS SHALL BE BURIED ON THE SITE.
9. MAINTAIN ALL ROADWAYS AND PAVED PATHWAYS CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, PROVIDING NECESSARY DUST CONTROL WHERE REQUIRED.
10. COORDINATE AND SCHEDULE ALL WORK WITH THE OWNER'S REPRESENTATIVE.
11. INSTALL EROSION CONTROL SYSTEMS IN ACCORDANCE WITH WASHINGTON COUNTY STANDARDS PRIOR TO SITE WORK AND LANDSCAPE INSTALLATION.
12. CONTRACTOR SHALL PROVIDE TOPSOIL, SOIL AMENDMENTS, AND EROSION CONTROL.
13. CONTRACTOR SHALL SUBMIT CERTIFIED TOPSOIL ANALYSIS REPORT FOR OWNER'S APPROVAL PRIOR TO PLANT INSTALLATION. SEE SPECS.
14. CONTRACTOR IS RESPONSIBLE FOR ANY AMENDMENTS TO SOIL PH FERTILITY AND/OR DRAINAGE CONDITIONS NECESSARY TO ENSURE PROPER GROWING CONDITIONS FOR PROPOSED PLANTINGS. SEE SPECS.
15. CONTRACTOR SHALL FOLLOW PROVIDER'S INSTRUCTIONS AND RECOMMENDATIONS FOR SEEDING.
16. ALL PLANTS SHALL BE IRRIGATED BY A FULLY AUTOMATED, PERMANENT IRRIGATION SYSTEM UNLESS OTHERWISE NOTED. SEE SPECS.
17. PRIOR TO FINAL ACCEPTANCE, CONTRACTOR SHALL PROVIDE OWNER WITH AS-BUILT PLANS OF THE INSTALLATION, COPIES OF ALL OPERATION MANUALS AND WARRANTY DOCUMENTS.
18. ALL NEW PLANTS IN LANDSCAPE AREAS SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
19. COORDINATE INSTALLATION PLANTING MATERIALS WITH IRRIGATION. PLANT ONLY IN AREAS WHERE THE IRRIGATION SYSTEM IS COMPLETE AND FULLY OPERATIONAL.

- MAINTENANCE**
20. MAINTAIN LANDSCAPE PLANTINGS FROM INSTALLATION UNTIL FINAL ACCEPTANCE.
  21. MAINTAIN LAWN AREAS UNTIL FINAL ACCEPTANCE.
- WEEDING AND CLEANUP**
22. KEEP ALL LANDSCAPE AREAS CLEAN AND WEED FREE. KEEP ALL BUILDINGS, PAVEMENTS, AND OTHER EXTERIOR IMPROVEMENTS CLEAN AND FREE OF SOIL AND DEBRIS.
  23. WEED ALL BEDS AND LAWN WEEKLY.



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NEW CONSTRUCTION FOR  
**SOUTHRIDGE HIGH SCHOOL  
STORAGE SHED & TICKET BOOTH**  
9625 SW 125TH AVE  
BEAVERTON, OR 97008

LANDSCAPE PLAN

**L1.1**  
JOB NO. 250200.01





REVISION DATE	1	2	3	4	5
02/17/2026	TYPE 3 DESIGN REVIEW	03/11/2026	DD REVIEW SET	05/08/2026	SITE DEVELOPMENT PERMIT
03/11/2026	DD REVIEW SET	05/08/2026	SITE DEVELOPMENT PERMIT	05/22/2026	CD REVIEW SET
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PERMIT SET 06.15.26

FLOOR PLAN AND RCP

**A1.1**

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**GENERAL NOTES**

- CONTRACTOR SHALL VERIFY AND CONFIRM EXISTING CONDITIONS SHOWN OR IMPLIED ON DRAWINGS PRIOR TO START OF CONSTRUCTION. NOTIFY A/E OF ANY DISCREPANCIES.
- APPLICABLE CODES: ALL WORK SHALL BE IN CONFORMANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES. ALL CODE REFERENCES IN THE DRAWINGS AND SPECIFICATIONS SHALL MEAN, AND ARE INTENDED TO BE THE LAST EDITION, AMENDMENT, OR REVISION OF SUCH REFERENCED STANDARD IN EFFECT AS OF THE DATE OF THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL COORDINATE ALL REQUIRED TESTING AND INSPECTIONS.
- ALL DOOR HARDWARE SHALL MEET THE REQUIREMENTS OF ANSI A117.1 2017 EDITION AND THE ADA.
- ALL DOORS AND WINDOWS SHALL MEET OR EXCEED THE ENERGY PERFORMANCE REQUIREMENTS INDICATED IN THE DRAWINGS AND SPECS.
- FIRE EXTINGUISHERS SHALL BE LOCATED AS REQUIRED BY SECTION 906 OFC AND APPROVED BY LOCAL FIRE MARSHAL.
- LIGHTING THIS SHEET IS DIAGNOSTIC ONLY AND SHOWN FOR DESIGN PURPOSES ONLY. CONTRACTOR TO CONFIRM LIGHTING LOCATIONS WITH ELECTRICAL DRAWINGS.
- MEANS OF EGRESS ILLUMINATION: CONTRACTOR SHALL INSTALL EGRESS LIGHTING SUCH THAT A MINIMUM ILLUMINATION OF 1 FOOTCANDLE IS MAINTAINED AT THE WALKING SURFACE ALONG THE PATH OF EGRESS AT INTERIOR SURFACES AND 2 FOOTCANDLES IS MAINTAINED AT EXTERIOR WALKING SURFACES SERVED, INCLUDING EXTERIOR LANDINGS AT ALL EXIT DISCHARGES. MEANS OF EGRESS LIGHTING SHALL BE CONNECTED TO AN EMERGENCY BACKUP POWER SYSTEM AND SHALL OPERATE FOR A MINIMUM OF 90 MINUTES IN THE EVENT THE BUILDING'S MAIN POWER SOURCE IS INTERRUPTED.
- SEE ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE LOCATIONS AND FOR ADDITIONAL REQUIREMENTS.

**FLOOR PLAN AND RCP LEGEND**

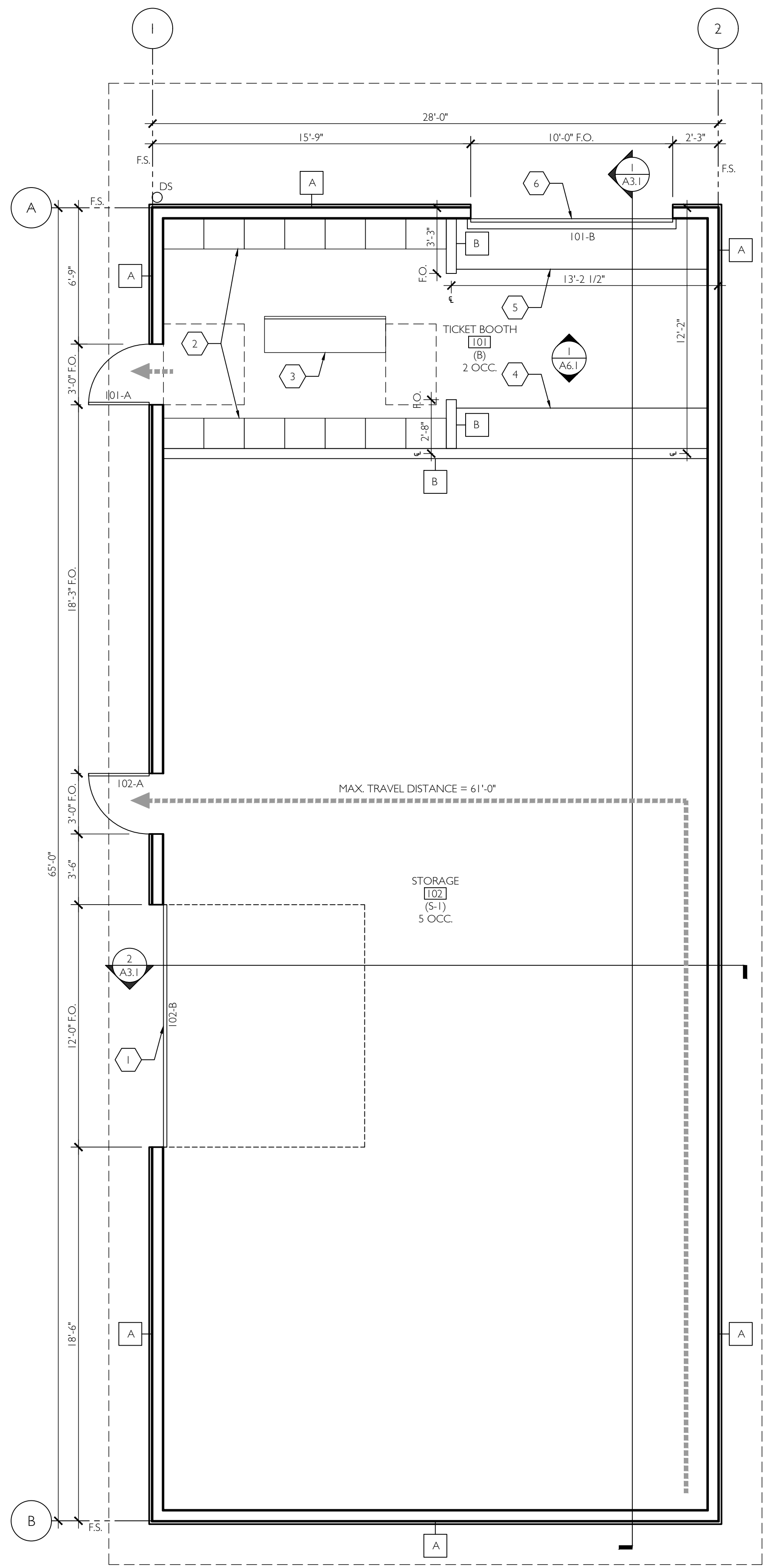
	GRID LINE INDICATOR	(N)	NEW
	(N) EXTERIOR WALL	U.N.O.	UNLESS NOTED OTHERWISE
	(N) INTERIOR WALL	TYP.	TYPICAL
	WALL TYPE -- SEE WALL TYPES THIS SHEET	SIM.	SIMILAR
	DOWNSPOUT -- REFER TO SHEET A1.2 FOR DS CALCS	O.T.S.	OPEN TO STRUCTURE
	DOOR NUMBER -- SEE A5.1 FOR DOOR TYPES AND SCHEDULE	F.O.	FACE OF OPENING
	OUTLINE OF ROOF ABOVE	F.S.	FACE OF STUD
	ROOM NAME AND NUMBER		
	METAL FLUSH PANEL SOFFIT		
	RECESSED LIGHT FIXTURE PER ELECTRICAL		
	LIGHT FIXTURE PER ELECTRICAL		
	ILLUMINATED EXIT SIGN		
	FIRE EXTINGUISHER		
	PATH OF EGRESS		
	EXIT DISCHARGE ARROW		

**WALL TYPE SCHEDULE**

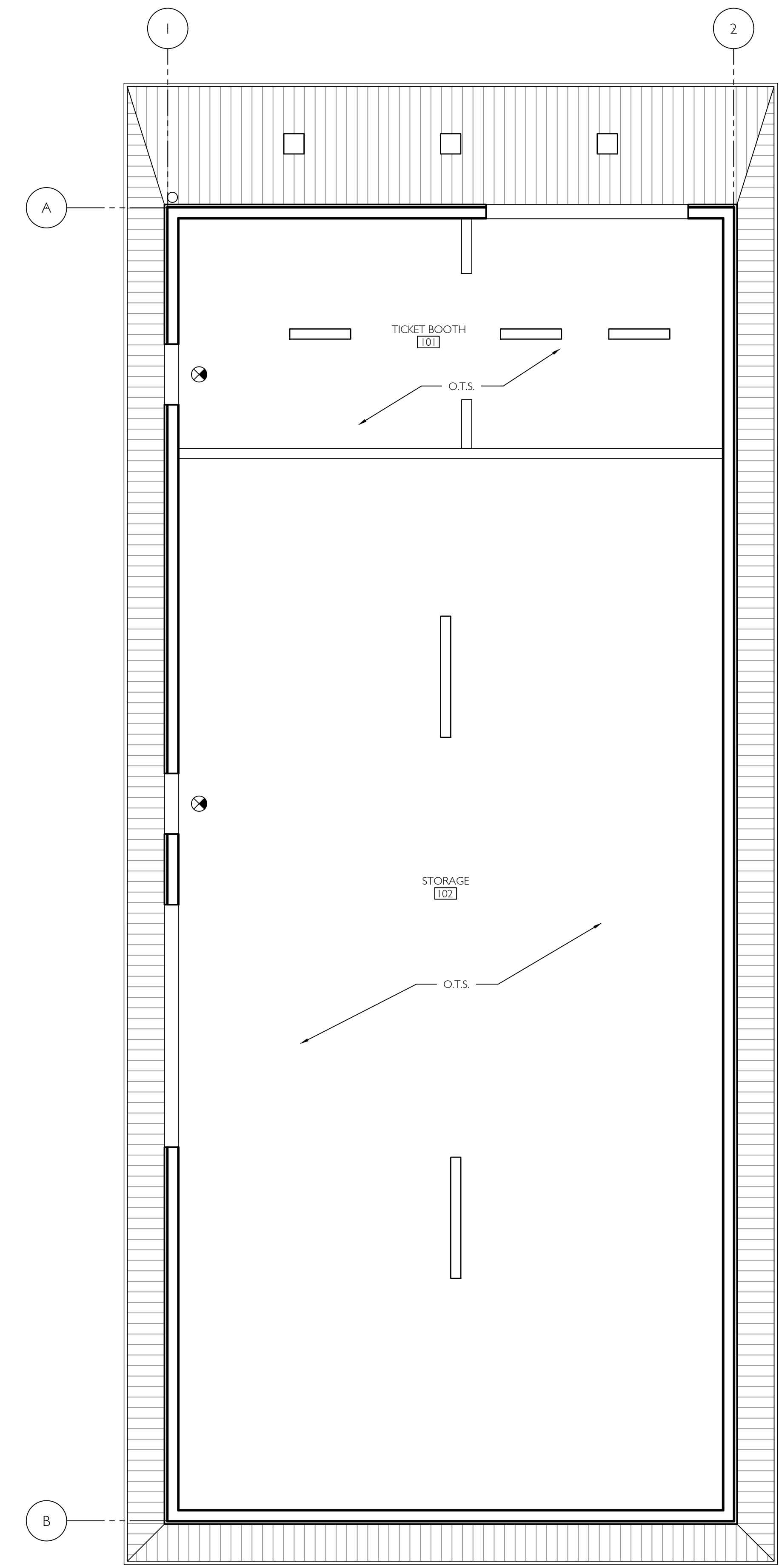
- A** EXTERIOR WALL  
- STRUCTURE: 2X6 STUDS AT 16" O.C. TO W/ R-19 BATT INSULATION. INSTALL PLYWOOD SHEATHING PER STRUCTURAL W/ WEATHER RESISTIVE AIR BARRIER EXTERIOR SIDE FULL HEIGHT.  
- INTERIOR: 1/2" PLYWOOD FULL HEIGHT @ STORAGE SIDE. 5/8" GYPSUM BOARD FULL HEIGHT @ TICKET BOOTH  
- EXTERIOR: 22 GA. METAL PANEL SIDING
- B** INTERIOR WALL - FULL HEIGHT  
- STRUCTURE: 2X6 STUDS AT 16" O.C. TO UNDERSIDE OF ROOF STRUCTURE. SEE STRUCTURAL FOR SHEAR REQUIREMENTS AND WALL ANCHORAGE.  
- INTERIOR: 5/8" GYPSUM @ TICKETBOOTH/BAG STORAGE SIDE FULL HEIGHT, 1/2" PLYWOOD @ STORAGE SIDE FULL HEIGHT

**KEYNOTES**

- 10'X12' OVERHEAD DOOR
- 18'X24" STORAGE CUBBIES -- SEE DETAILS 2&7/A6.1
- 20" WIDE X 6' ADA BENCH W/ BACK -- CONTRACTOR PROVIDED
- STORAGE CABINET AND COUNTER -- SEE DETAILS 1&6/A6.1
- 36" HIGH ADA TICKET COUNTER -- SEE DETAILS 1&5/A6.1
- 8'X10' ROLL-UP SERVICE DOOR

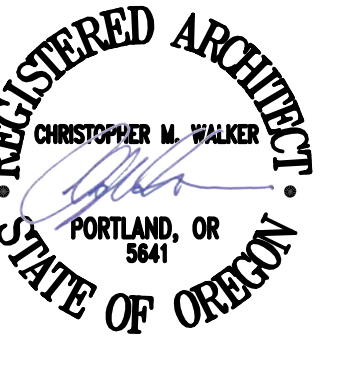


**1 FLOOR PLAN**  
1.1  
1/4" = 1'-0"

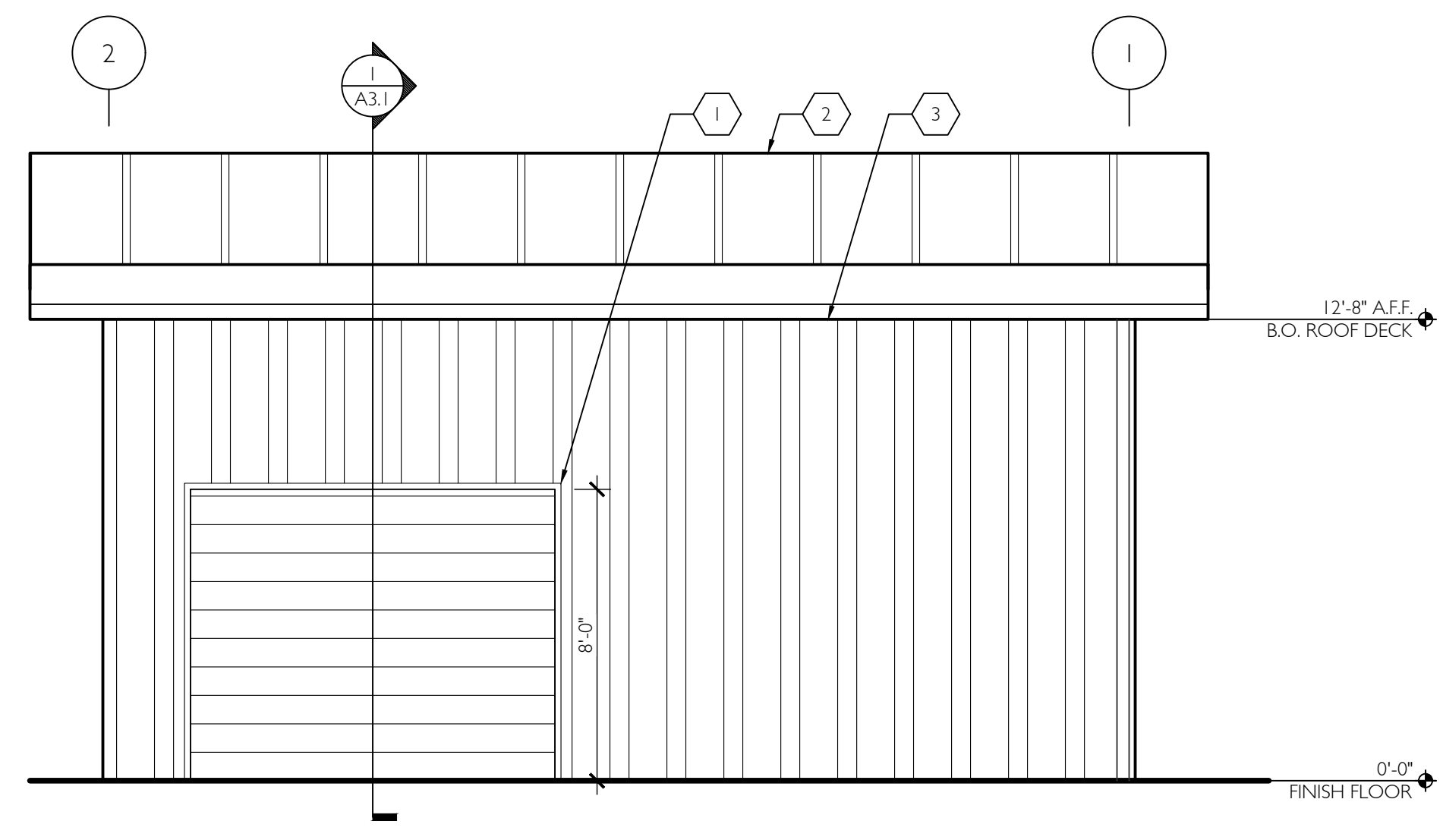


**2 REFLECTED CEILING PLAN**  
2.1  
1/4" = 1'-0"

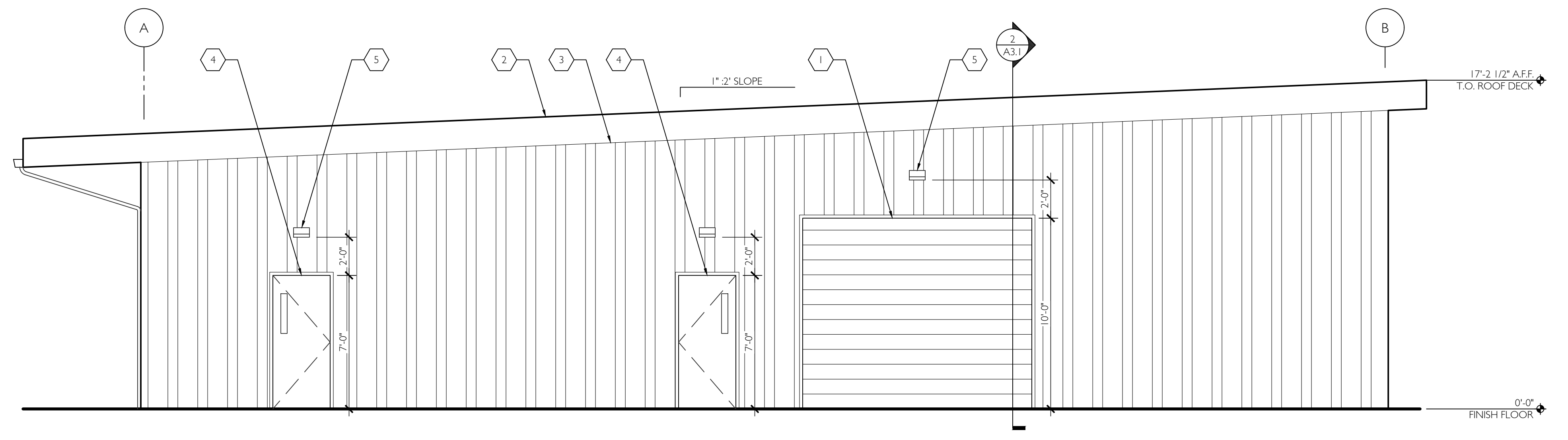




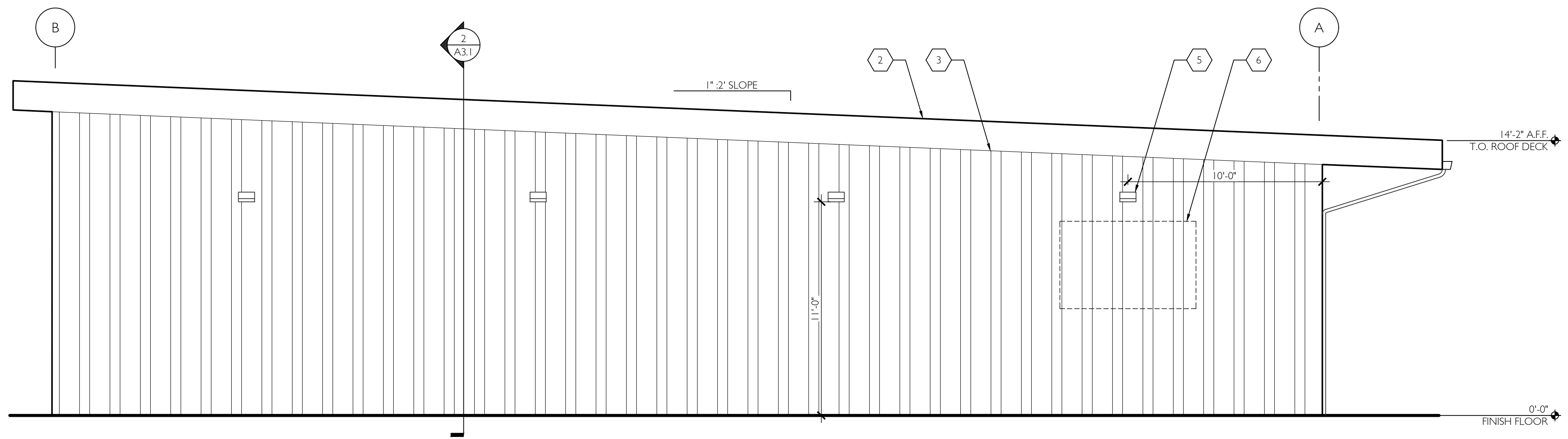
REVISION DATE	DESCRIPTION
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03/11/2026	2 DD REVIEW SET
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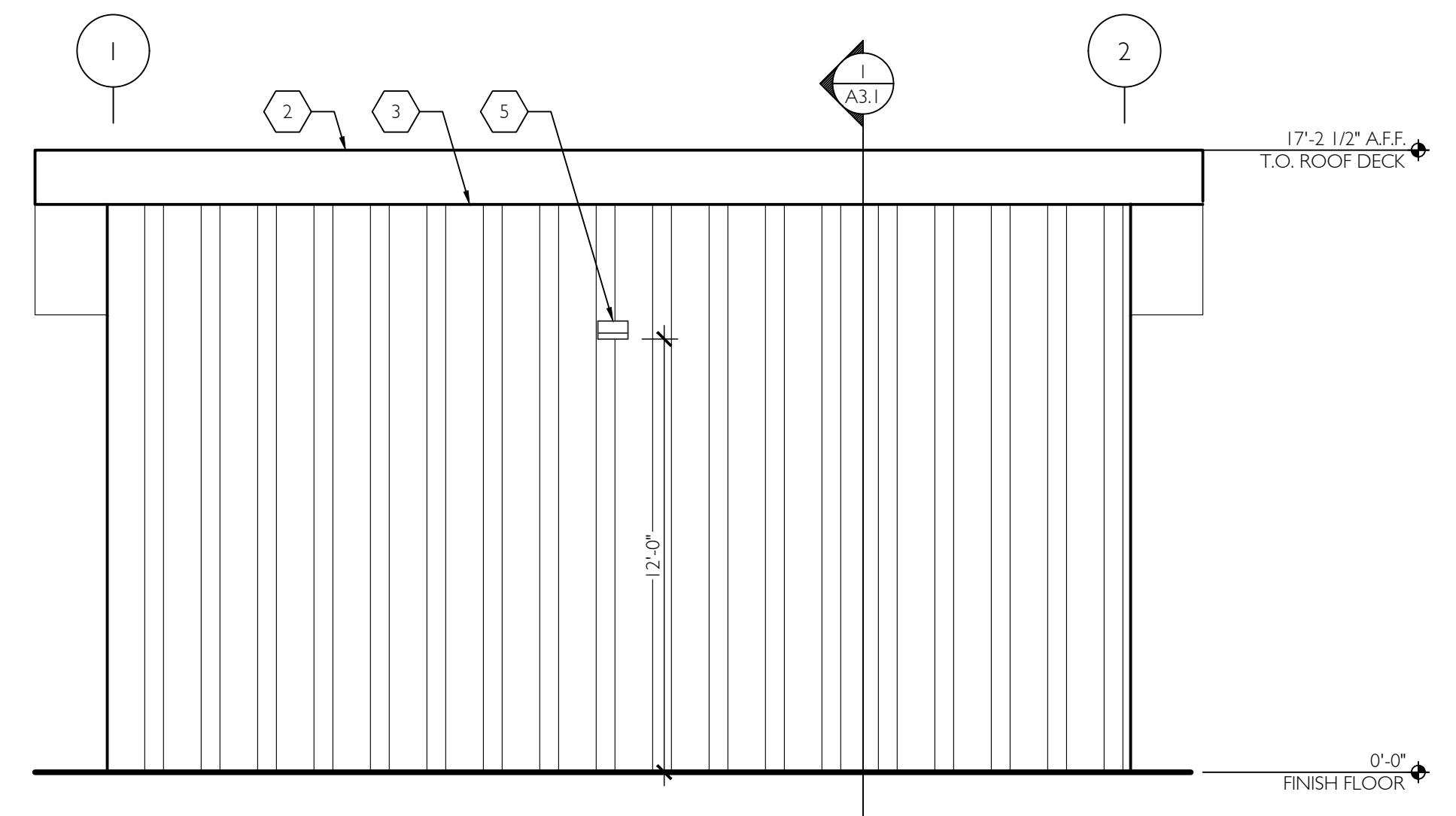
**1 NORTH ELEVATION**  
A2.1 1/4" = 1'-0"



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



**3 EAST ELEVATION**  
A2.1 1/4" = 1'-0"



**4 SOUTH ELEVATION**  
A2.1 1/4" = 1'-0"

- KEYNOTES**
- 1 OVERHEAD DOOR -- MANUFACTURER'S STANDARD GREY
  - 2 AEP SPAN STANDING SEAM ROOFING -- COLOR: SLATE GREY
  - 3 AEP SPAN BOX RIB SIDING -- COLOR: COLONIAL RED
  - 4 METAL DOOR -- PAINT COLOR: SLATE GREY
  - 5 WALL-MOUNTED LIGHT FIXTURE -- ELECTRICAL
  - 6 WALL-MOUNTED SIGN -- MAXIMUM 32 SF ALLOWED -- SEE DETAIL 12/AS.1

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ELEVATIONS  
**A2.1**  
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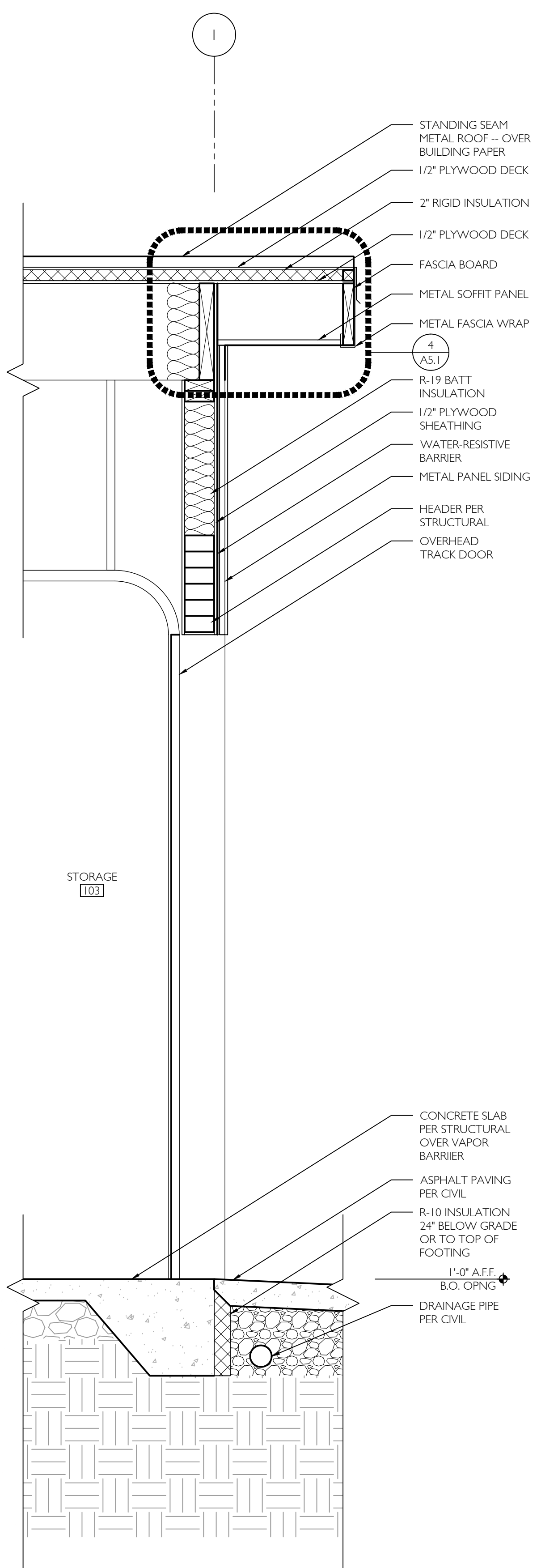
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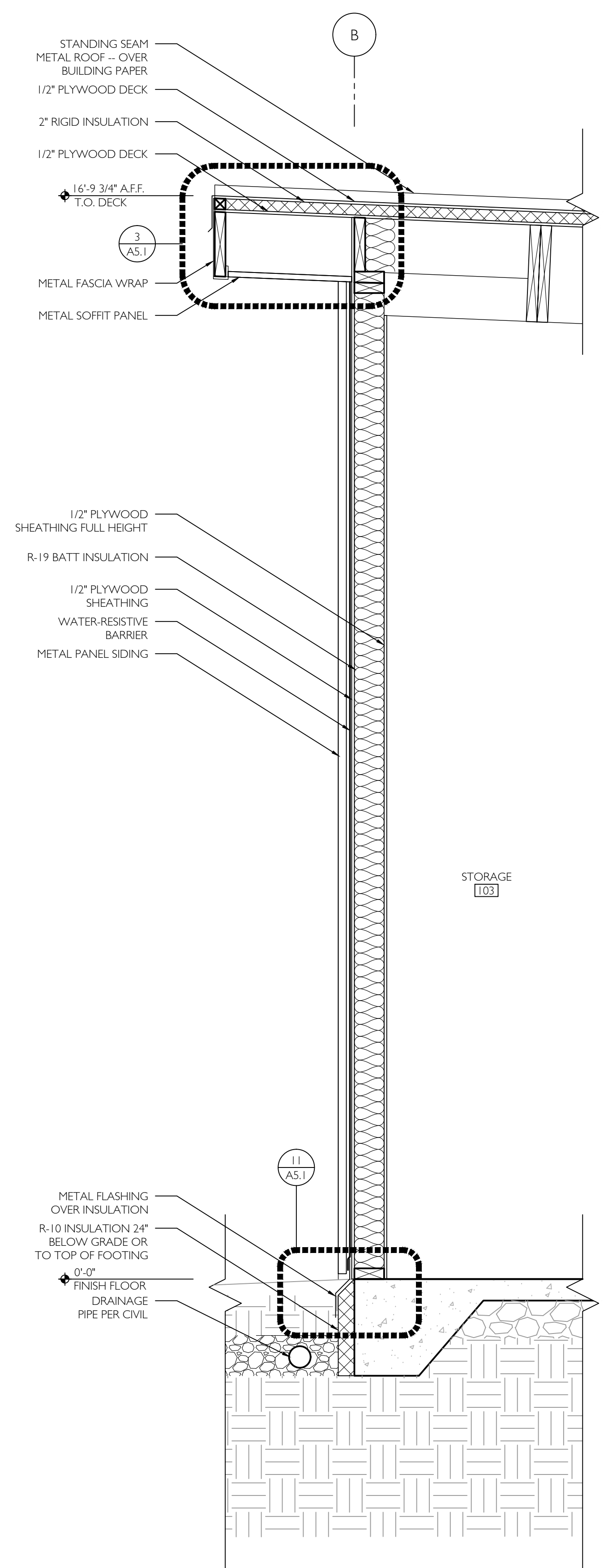
WALL SECTIONS

**A4.1**

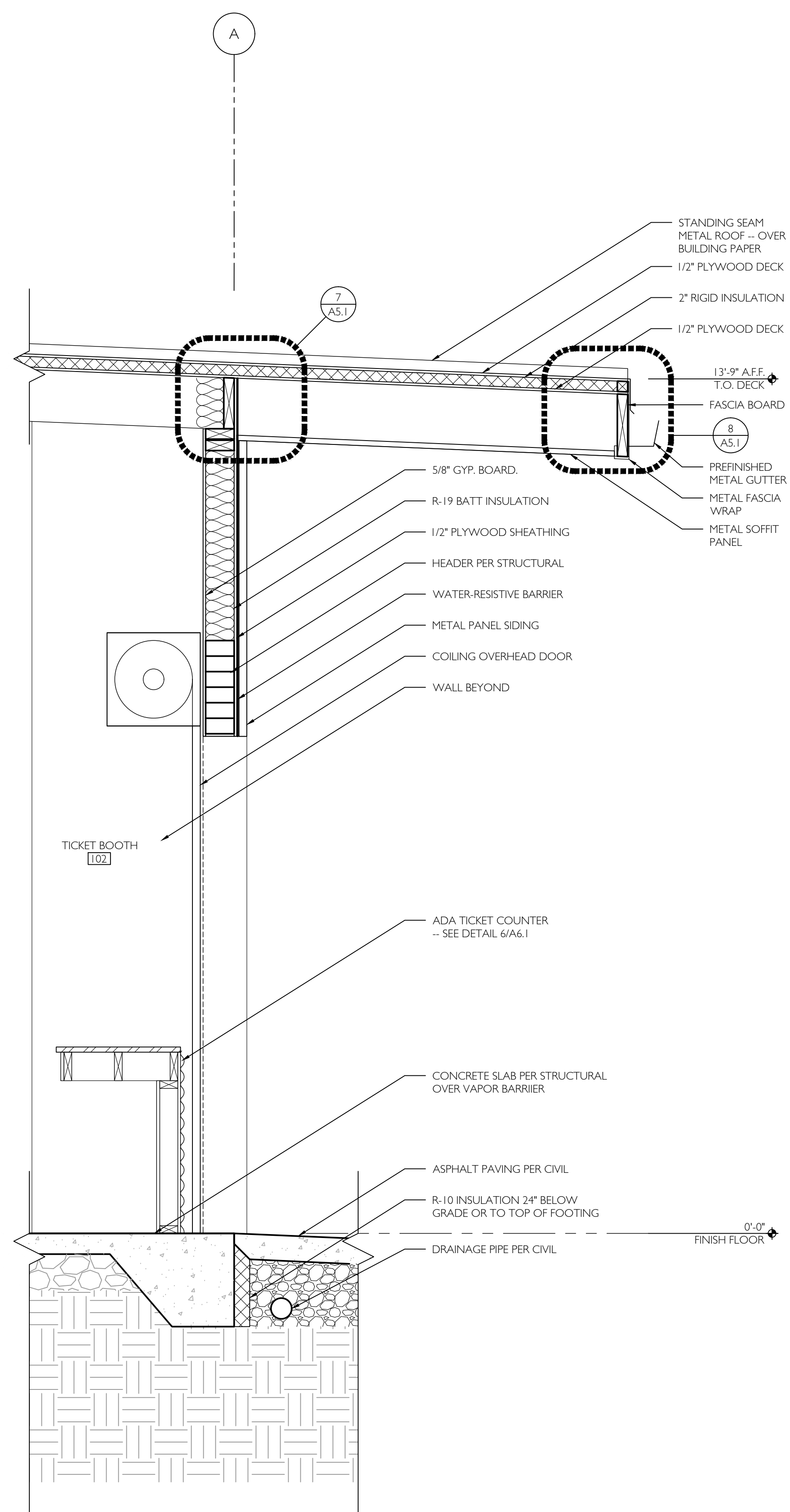
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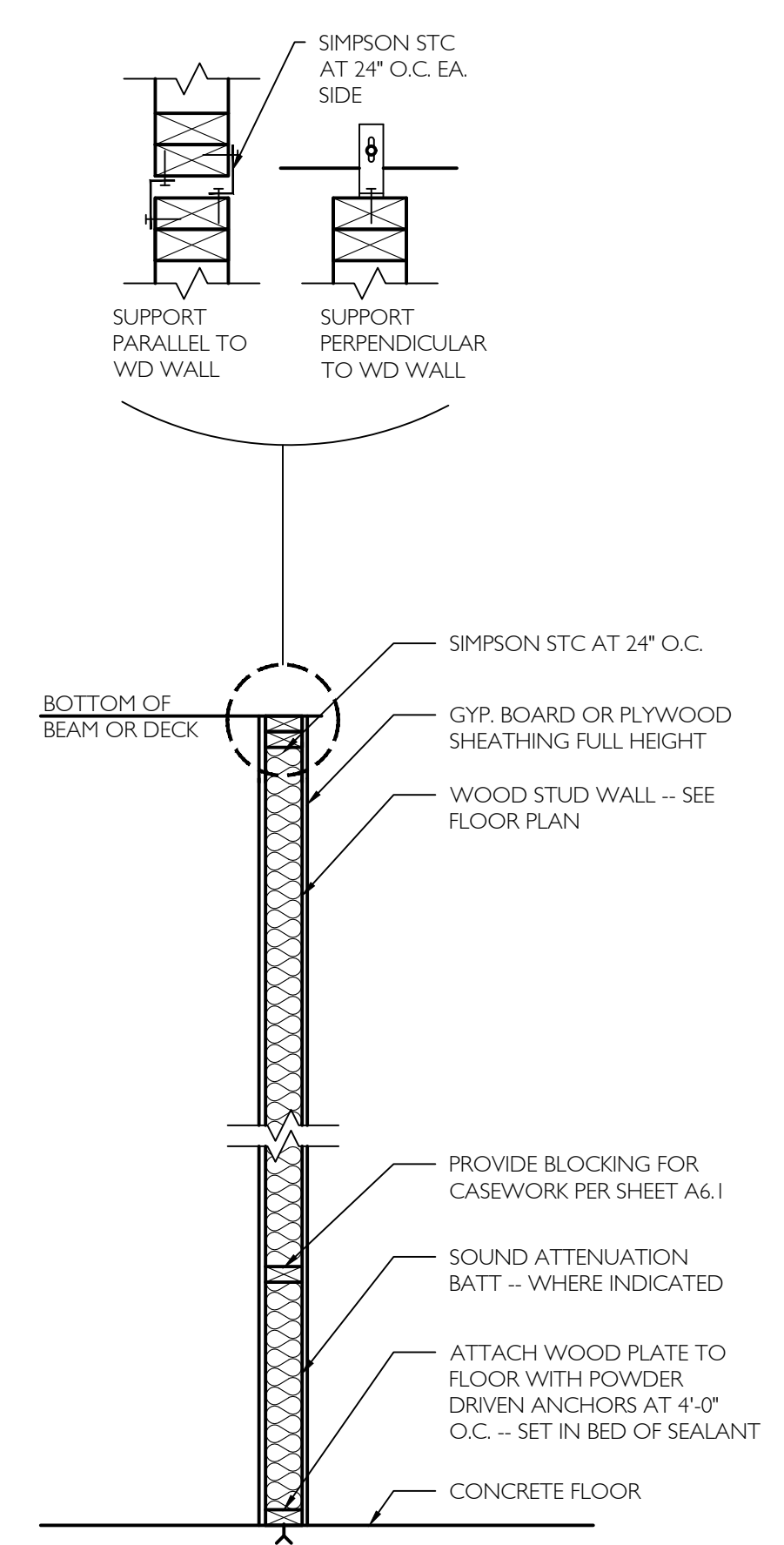
**1 OVERHEAD DOOR SECTION**  
4.1 3/4" = 1'-0"



**2 EXTERIOR WALL SECTION**  
4.1 3/4" = 1'-0"



**3 COILING DOOR SECTION**  
4.1 3/4" = 1'-0"



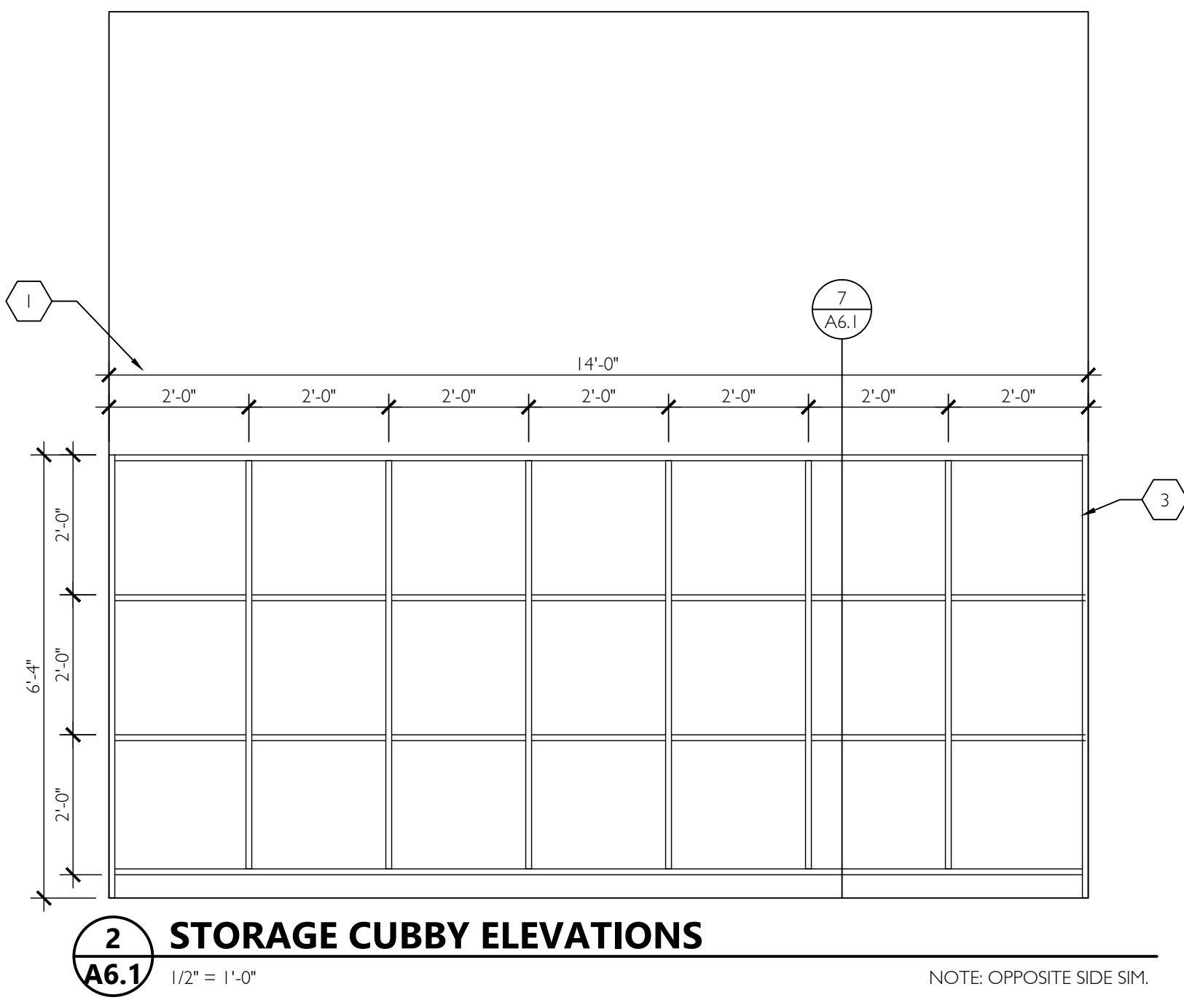
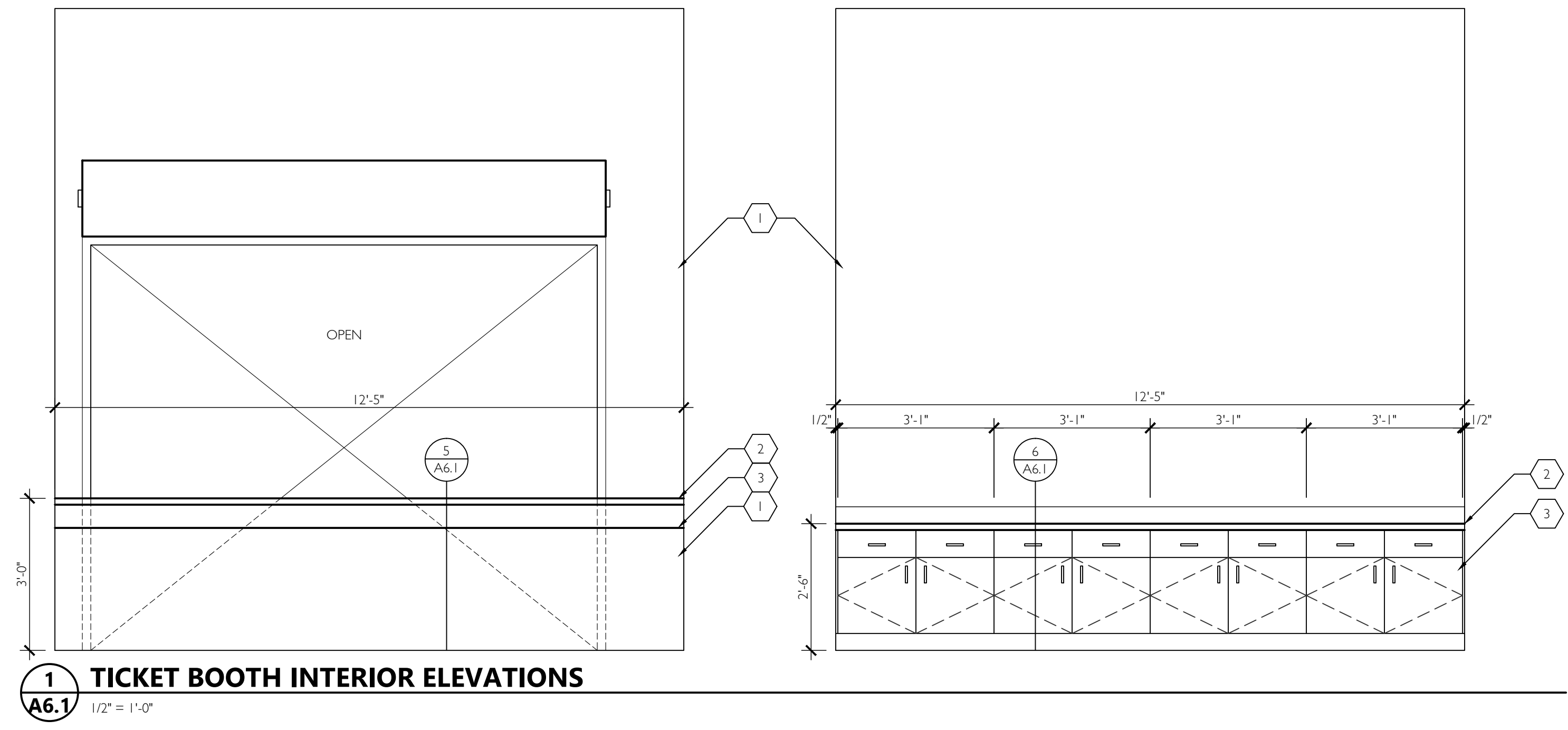
**4 INTERIOR PARTITION SECTION**  
4.1 3/4" = 1'-0"

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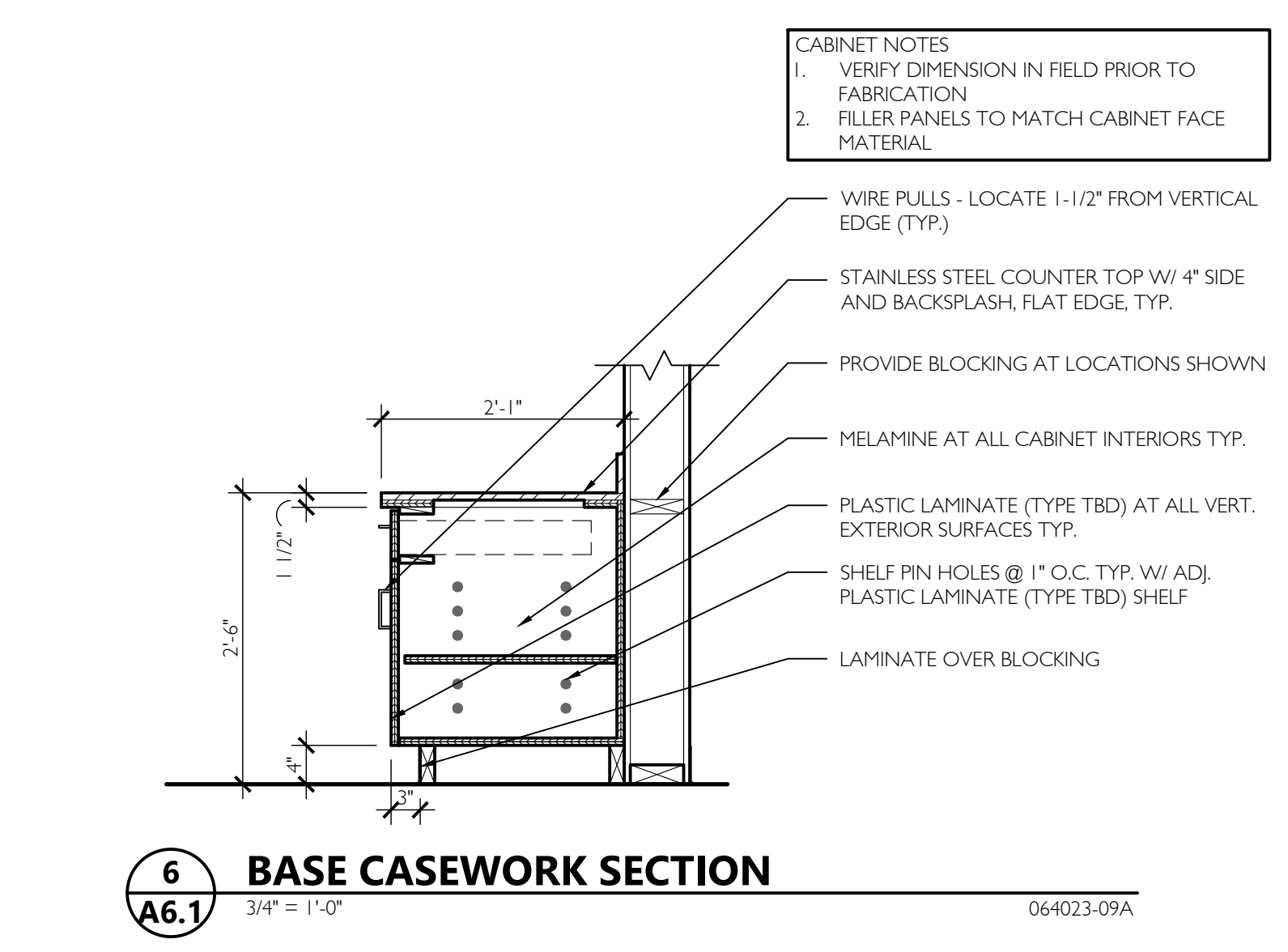
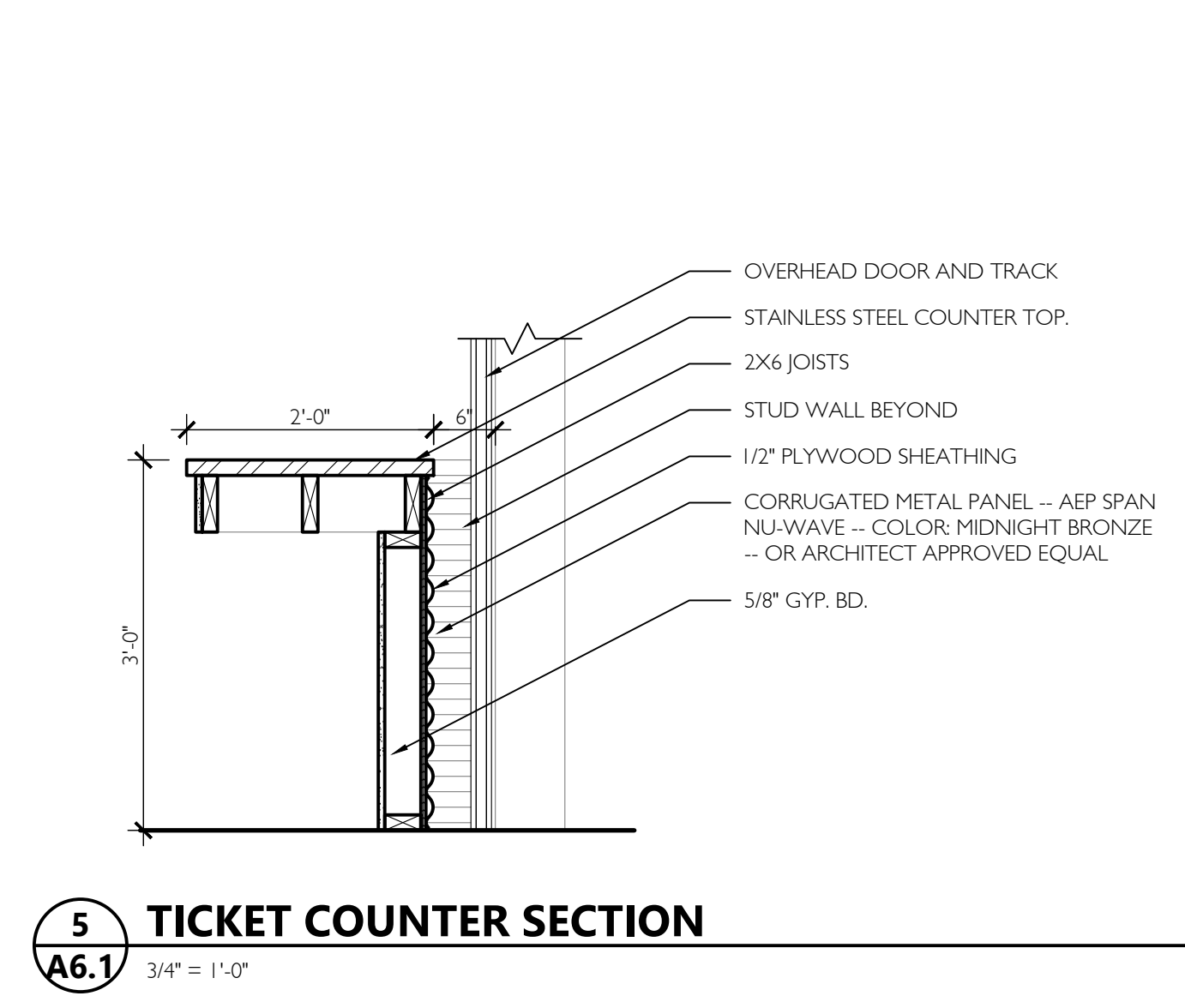
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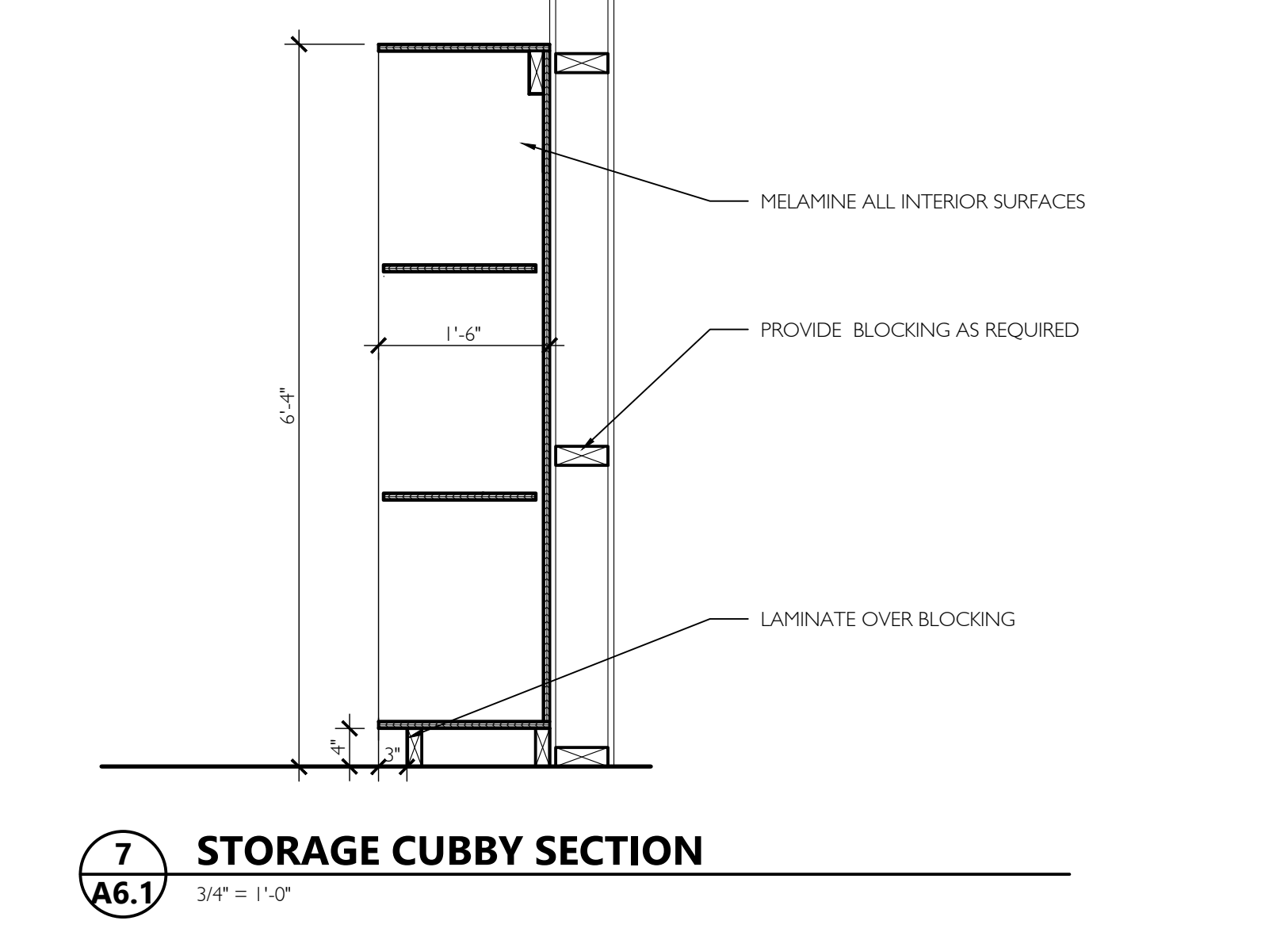
- KEYNOTES**
- 1 PAINTED GYP. BD. -- COLOR: WHITE
  - 2 STAINLESS STEEL COUNTER TOP
  - 3 PLASTIC LAMINATE CASEWORK -- FORMICA COLOR: NEW BURGUNDY -- OR ARCHITECT APPROVED EQUAL

**1 TICKET BOOTH INTERIOR ELEVATIONS**  
1/2" = 1'-0"

**2 STORAGE CUBBY ELEVATIONS**  
1/2" = 1'-0" NOTE: OPPOSITE SIDE SIM.



**CABINET NOTES**  
1. VERIFY DIMENSION IN FIELD PRIOR TO FABRICATION  
2. FILLER PANELS TO MATCH CABINET FACE MATERIAL



**5 TICKET COUNTER SECTION**  
3/4" = 1'-0"

**6 BASE CASEWORK SECTION**  
3/4" = 1'-0" 064023-09A

**7 STORAGE CUBBY SECTION**  
3/4" = 1'-0"

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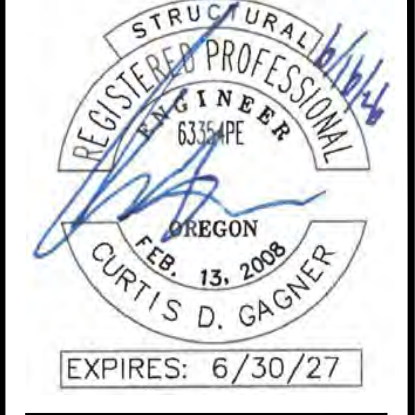
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INTERIOR DETAILS

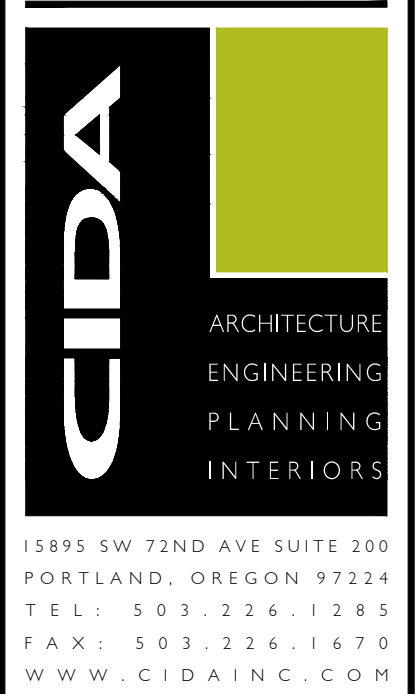
**A6.1**

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STRUCTURAL GENERAL NOTES

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**GENERAL STRUCTURAL NOTES**

**CODE**

2025 OREGON STRUCTURAL SPECIALTY CODE, OSSC 2025

**DESIGN CRITERIA**

**SOIL BEARING:**  
1500 PSF ALLOWABLE FOR GENERAL FOUNDATION BEARING

**ROOF LOADS:**

DEAD = 17 PSF + 5 PSF SOLAR  
SNOW:  
GROUND = 45 PSF  
C<sub>s</sub> = 1.0,  
P<sub>1</sub> = 31.5 PSF, C<sub>e</sub> = 1.0  
P<sub>3</sub> = 34 PSF

**WIND LOADS:**

RISK CATEGORY = II  
BASIC WIND SPEED (3 SECOND GUST) = 96 MPH  
EXPOSURE CATEGORY = B  
ENCLOSURE CLASSIFICATION = ENCLOSED  
GCR = ±0.18  
VELOCITY PRESSURE, q<sub>s</sub> = 165 PSF

**SEISMIC PARAMETERS:**

RISK CATEGORY = II  
IMPORTANCE FACTOR, I<sub>e</sub> = 1.0  
SITE CLASS: DEFAULT  
MAPPED: S<sub>s</sub> = 0.93 S<sub>1</sub> = 0.36  
DESIGN: S<sub>ds</sub> = 0.78  
SEISMIC DESIGN CATEGORY = D  
BUILDING SEISMIC FORCE RESISTING SYSTEM(S):  
LIGHT-FRAME WALLS WITH RATED SHEATHING R 6.5 Ω<sub>0</sub> 3 C<sub>u</sub> 4

MAIN SEISMIC FORCE RESISTING SYSTEM RESPONSE COEFFICIENT, C<sub>r</sub> = 0.12  
DESIGN BASE SHEAR = 9.2 KIP  
DESIGNED USING EQUIVALENT LATERAL FORCE PROCEDURE

**FOUNDATION**

1. FOOTINGS TO BEAR ON NATIVE SOIL OR ENGINEERED FILL PER SPECIFICATIONS COMPACTED TO 95 PERCENT RELATIVE TO ASTM D 1557.

**GENERAL**

- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING OF LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT/ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS WITH DRAWINGS PRIOR TO START OF CONSTRUCTION. RESOLVE ANY DISCREPANCY WITH ARCHITECT/ENGINEER.
- CONSTRUCTION MATERIAL SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOF. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.
- WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM.
- ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING WITH APPROPRIATE TRADES, DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.
- OPTIONS ARE FOR CONTRACTOR'S CONVENIENCE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY AND COORDINATION OF ALL DETAILS FOR THE OPTION CHOSEN BY THE CONTRACTOR.
- WHERE ANY DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.
- ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF A CIVIL OR STRUCTURAL ENGINEER REGISTERED IN THE STATE OF OREGON.
- ALL DETAIL CUTS SHOULD BE CONSIDERED TYPICAL AT LIKE CONDITIONS

**SUBMITTALS**

SUBMIT PRODUCT DATA / SHOP DRAWINGS TO ARCHITECT/ENGINEER FOR THE FOLLOWING:

- REINFORCING STEEL
- CONCRETE MIX DESIGN(S)  
2.1. MIX DESIGNS TO BE CLEARLY LABELED WITH INTENDED APPLICATION FOR EACH.
- GLULAM BEAMS

**STRUCTURAL OBSERVATIONS**

CONTRACTOR TO NOTIFY STRUCTURAL ENGINEER TO ARRANGE FOR A STRUCTURAL OBSERVATION BY THE ENGINEER OF RECORD OR THEIR REPRESENTATIVE 48 HOURS PRIOR TO COVERING UP THE FOLLOWING:

- WOOD ROOF DIAPHRAGM NAILING AND STRAPPING. OBSERVATION TO OCCUR PRIOR TO INSTALLATION OF MATERIALS (SUCH AS ROOFING) THAT WOULD CONCEAL STRAPS, NAILING TO COLLECTORS, AND/OR RIM BOARD NAILING.
- SHEAR WALL NAILING AND ANCHORAGE  
DO NOT COVER WALLS WITH INTERIOR OR EXTERIOR FINISHES UNTIL ALL STRAPPING HAS BEEN INSTALLED AND NAILING OBSERVATION IS CONDUCTED

**CONCRETE**

- MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:  
A. FOUNDATIONS 4000 PSI  
B. SLABS 4000 PSI
- CONCRETE MIX DESIGN PER ACI SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER.
- MAXIMUM W/C RATIOS:  
A. FOR FOUNDATIONS AND WORK NOT EXPOSED TO VIEW = 0.58  
B. FOR SLABS AND WORK EXPOSED TO VIEW = 0.48
- MAXIMUM SLUMP 4" PLUS OR MINUS 1".
- SAWCUT CONTROL JOINTS 1/4 SLAB DEPTH.
- CONCRETE AND REINFORCING TO HAVE SPECIAL INSPECTION IN ACCORDANCE WITH OSSC 2025 SECTION 1704.
- MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT THAT SLABS ON GRADE MAY BE VIBRATED ONLY AROUND UNDER-FLOOR DUCTS, ETC.
- CAST CLOSURE POUR AROUND COLUMNS AFTER COLUMN DEAD LOAD IS APPLIED.
- UNLESS NOTED OTHERWISE ON DRAWINGS, ALL CONCRETE SLABS ON GRADE SHALL BE BOUNDED BY CONTROL OR CONSTRUCTION JOINTS SUCH THAT THE ENCLOSED AREA DOES NOT EXCEED 400 SQUARE FEET.
- DOVELOED CONNECTIONS TO EXISTING CONCRETE TO USE "HILTI" BRAND HIT-HY 200 OR SIMPSON SET-3G ADHESIVE.

**REINFORCING**

- DEFORMED BARS ASTM A615, GRADE 60. WELDED BARS ASTM A706, GRADE 60. WELDED WIRE FABRIC PER ASTM A185, WIRE PER ASTM A82.
- UNLESS NOTED OTHERWISE, LAP SPICES SHALL BE CLASS "B" TENSION LAP SPICES IN ACCORDANCE WITH ACI 318. CHAPTER 25. LAP SPICES IN COLUMNS SHALL BE STANDARD COMPRESSION LAP SPICES PER LATEST EDITION OF ACI 318. STAGGER ALTERNATE SPICES A MINIMUM OF ONE LAP LENGTH. LAPS IN WELDED WIRE FABRIC SHALL BE MADE SO THAT THE OVERLAP MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET IS NOT LESS THAN THE SPACING OF CROSS WIRES PLUS 2 INCHES.
- PROVIDE BENT CORNER BARS TO MATCH AND LAP WITH HORIZONTAL BARS AT CORNERS AND INTERSECTIONS OF FOOTINGS AND WALLS. REINFORCING BAR SPACINGS GIVEN ARE MAXIMUM ON CENTERS. ALL BARS PER CRSI SPECIFICATIONS AND HANDBOOK. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE. CONCRETE COLUMN DOWEL EMBEDMENT SHALL BE A STANDARD COMPRESSION DOWEL EMBEDMENT LENGTH ACCORDING TO THE LATEST EDITION OF ACI 318.
- CLEAR CONCRETE COVERAGES AS FOLLOWS:  
ALL SIZES CAST AGAINST & PERMANENTLY IN CONTACT WITH GROUND ..... 3"  
#6 OR LARGER EXPOSED TO EARTH OR WEATHER ..... 2"  
#5 OR SMALLER EXPOSED TO EARTH OR WEATHER ..... 1 1/2"  
COLUMN TIES NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH GROUND ..... 1 1/2"  
BEAM STRRUPS NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH GROUND ..... 1 1/2"  
SLABS NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH GROUND ..... 3/4"  
ALL OTHER PER LATEST EDITION OF ACI 318

**MIN. REINF. BAR SPlice LENGTHS IN CONCRETE**

PER ACI 318

BAR SIZE	GR	LAP	
		f <sub>c</sub> = 3,000 PSI	f <sub>c</sub> = 4,000 PSI
#3	60	22"	19"
#4	60	29"	25"
#5	60	36"	31"
#6	60	43"	37"

**NOTES:**

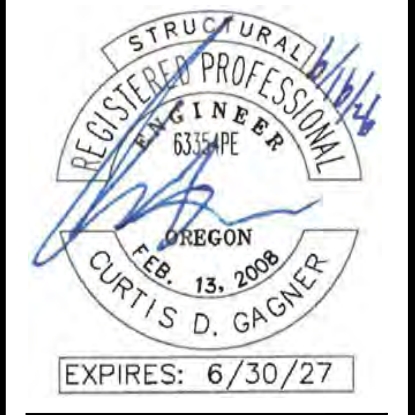
- VALUES SHOWN IN SCHEDULE ARE FOR CLEAR COVER OF 1 BAR DIAMETER MINIMUM AND CLEAR BAR SPACING OF 2 BAR DIAMETERS MINIMUM. WHERE COVER OR BAR SPACING IS LESS, INCREASE LAP LENGTH BY 50%.
- NO BUNDLED BARS.
- ALL CONCRETE SHALL BE NORMAL WEIGHT AGGREGATE.

**POST-INSTALLED CONCRETE ANCHORS**

- ADHESIVE ANCHORS SHALL BE INSTALLED BY QUALIFIED PERSONNEL TRAINED TO INSTALL ADHESIVE ANCHORS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND WITH STRICT ADHERENCE TO THE PROVISIONS WITHIN THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.  
A. IN ACCORDANCE WITH ACI 318-19, SECTION 17.2.2, ADHESIVE ANCHORS SHALL BE INSTALLED IN CONCRETE HAVING A MINIMUM AGE OF 21 DAYS AT THE TIME OF ANCHOR INSTALLATION.
- MECHANICAL ANCHORS SHALL BE INSTALLED BY QUALIFIED PERSONNEL TRAINED TO INSTALL MECHANICAL ANCHORS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND WITH STRICT ADHERENCE TO THE PROVISIONS WITHIN THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.  
A. FOR DEWALT MINI-UNDERCUT+, REFER TO ESR-3912 FOR ADDITIONAL INSTALLATION INSTRUCTIONS  
B. FOR SIMPSON TITEN HD AND TITEN HD ROD HANGER, REFER TO ESR-2713 FOR ADDITIONAL INSTALLATION INSTRUCTIONS.

**CARPENTRY**

- ALL NAILS TO BE COMMON WIRE OR EQUIVALENT DIAMETER AND LENGTH:  
8d COMMON = 0.131"Ø x 3"  
10d COMMON = 0.148"Ø x 3"  
16d COMMON = 0.162"Ø x 3"  
NAILING FASTENERS NOT MEETING THESE DIMENSIONS MUST BE SUBMITTED AS A SUBSTITUTION REQUEST AND APPROVED BY ENGINEER PRIOR TO USE.
- ALL NAILING TO BE IN ACCORDANCE WITH OSSC 2025 TABLE 2304.10.2 UNLESS NOTED OTHERWISE. NAIL PLYWOOD SHEATHING AS SHOWN ON FRAMING PLANS.
- ALL NAILS TO PRESSURE TREATED LUMBER SHALL BE HOT DIP GALVANIZED.
- ALL FRAMING HARDWARE TO BE SIMPSON STRONG-TIE BRAND OR EQUIVALENT SPECIFICALLY APPROVED BY ENGINEER.
- ALL FRAMING HARDWARE IN CONTACT WITH PRESSURE TREATED LUMBER TO BE STAINLESS STEEL OR HOT DIP GALVANIZED.
- LUMBER GRADES:  
ALL WOOD IN PERMANENT CONTACT WITH CONCRETE TO BE PRESSURE TREATED.  
SOLID SAWN: DF-L#2 OR BETTER UNO ON PLANS OR DETAILS  
GLULAM BEAMS AT CANTILEVER CONDITIONS: 24F-V8 DF/DF  
GLULAM BEAMS AT NON-CANTILEVER CONDITIONS: 24F-V4 DF/DF  
GLULAM COLUMNS: 24F-V8, EWS3, 21F-V1 OR APPROVED  
ENGINEERED JOISTS: WEYERHAEUSER TJ-SERIES / REDBUILT RED-SERIES / BOISE CASCADE BCI-SERIES OR APPROVED EQUIVALENT  
ENGINEERED OPEN-WEB JOISTS: REDBUILT SERIES SPECIFIED IN DRAWINGS OR APPROVED EQUIVALENT  
LSL: WEYERHAEUSER TIMBERSTRAND (1.3E OR 1.55E) OR APPROVED EQUIVALENT  
LVL: WEYERHAEUSER 2.0 MICROLAM, REDBUILT REDLAM, OR APPROVED EQUIVALENT  
PSL: WEYERHAEUSER PRALLAM PSL OR APPROVED EQUIVALENT
- MOISTURE CONTENT OF LUMBER TO BE ≤ 19% AT TIME OF INSTALLATION.
- PLYWOOD:  
FLOOR SHEATHING 23/32" APA INDEX 48/24, EXPOSURE I;  
ROOF SHEATHING 19/32" APA INDEX 32/16 MINIMUM, EXPOSURE I;  
WALL SHEATHING 15/32" APA INDEX 24/0 MINIMUM, EXPOSURE I;  
NAIL AS SHOWN ON FRAMING PLANS.
- DRILL HOLES 1/16" OVERSIZE EXCEPT WHERE NOTED LARGER.
- DO NOT NOTCH OR DRILL JOISTS, BEAMS OR LOAD BEARING STUDS WITHOUT PRIOR APPROVAL OF ENGINEER. DOUBLE UP FLOOR JOISTS UNDER PARTITIONS. PROVIDE 1x3 WOOD BLOCKING OR METAL CROSS BRIDGING AT MIDSPAN AT ALL JOISTS. PROVIDE 2x SOLID BLOCKING AT SUPPORT OF ALL JOISTS. DOUBLE UP STUDS AT JAMBS AND UNDER BEAMS IN BEARING WALLS. PROVIDE 2x SOLID BLOCKING AT MID-HEIGHT OF BEARING STUD WALLS.
- COIL STRAPS TO BE INSTALLED TAUGHT AND FLAT TO FRAMING, WITH NO BUCKLING OF EXCESS LENGTH BETWEEN FASTENERS. RESOLVE EXCESS LENGTH BY REMOVAL AND CORRECT RE-INSTALLATION OF STRAP NAILING. NOT ADDITION OF NAILING TO DISGUISE BUCKLING.



ISSUED DATE	REVISION
02/17/2026	1 TYPE 3 DESIGN REVIEW
03/11/2026	2 DD REVIEW SET
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05/22/2026	4 CD REVIEW SET
06/15/2026	5 PERMIT SET

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NEW CONSTRUCTION FOR  
**SOUTHRIDGE HIGH SCHOOL  
STORAGE SHED & TICKET BOOTH**  
9625 SW 125TH AVE  
BEAVERTON, OR 97008

FOUNDATION PLAN  
**S1.1**  
JOB NO. 250200.01  
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**FOUNDATION PLAN LEGEND**

- CJ CONTROL JOINT OR CONSTRUCTION JOINT -- SEE DETAILS /5
- F.O.S. FACE OF STUD
- 1 SHEAR WALL FROM FOUNDATION TO SECOND FLOOR  
SEE SCHEDULE THIS SHEET
- HOLDUP SIMPSON HOLDDOWN PER DETAIL 3/S3.1
- CL COL CENTER LINE OF COLUMN

**FOUNDATION PLAN KEYNOTES**

- 1 5" CONC SLAB WITH #4 BARS AT 22" O.C. EA WAY
- 2 CONTROL/CONSTRUCTION JOINTS @ 20'-0" MAX. @ RATIOS N.T.E. 2:1 AND 400 SQ.FT.  
SEE DETAILS 1/S2.1 AND 2/S2.1
- 3 2x6 @ 24" O.C. WOOD STUD STRUCTURAL WALL, TYP

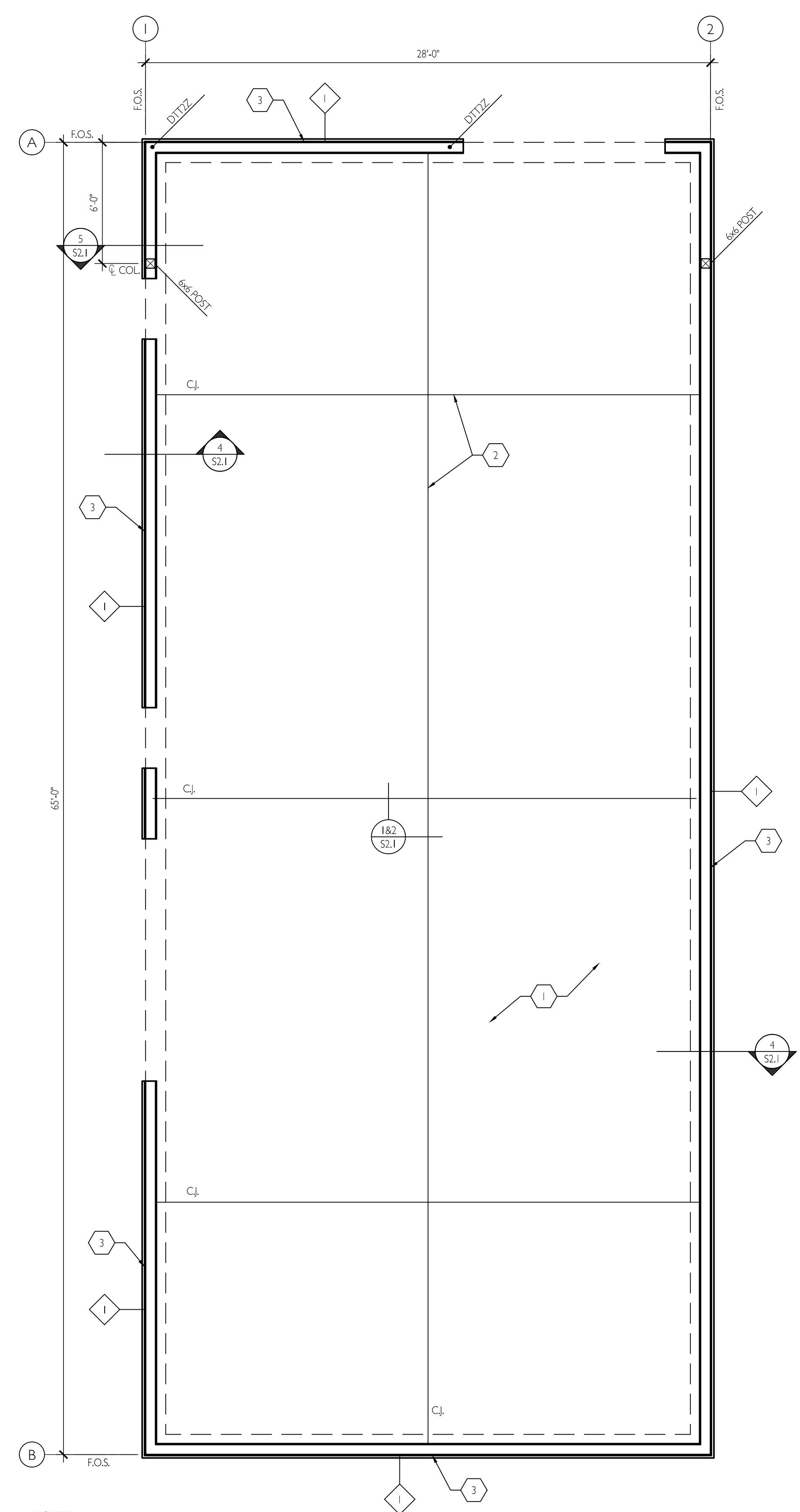
**SHEAR WALL SCHEDULE**

MARK	SHEATHING <sub>2,3</sub>	PANEL EDGE NAILING <sub>4,5,6,7,10</sub>	NAILING OF MULTI-PLY STUDS AT ABUTTING PANEL EDGES	SILL PLATE <sub>8</sub>	
				SIZE	ANCHORAGE <sub>9</sub>
1	15/32" PLYWOOD ONE SIDE	10d NAILS AT 6" O.C.	(2) ROWS 16d AT 12" O.C.	2x	32" O.C.

- SHEAR WALL SCHEDULE NOTES:**
- 1) ALL PLYWOOD SHEATHING EDGES SHALL BE BLOCKED WITH 2x FLAT BLOCKING AND NAILED PER SCHEDULE.
  - 2) WALLS WITH PLYWOOD SHEATHING EACH FACE SHALL HAVE AN OFFSET PANEL JOINT LAYOUT ON OPPOSING FACES TO PROVIDE EDGE NAILING ON DIFFERENT STUDS, OR 3x FRAMING MAY BE USED WITH STAGGERED EDGE NAILING.
  - 3) PLYWOOD SHEATHING SHALL EXTEND TO THE TOP PLATE FRAMING AT DIAPHRAGM SHEATHING HEIGHT, U.O.N. AND PROVIDE COMPLETE COVERAGE TO OUTSIDE EDGES TO VERTICAL BOUNDARY MEMBERS.
  - 4) PLYWOOD SHEATHING SHALL BE NAILED AT INTERMEDIATE FRAMING MEMBERS WITH PANEL EDGE NAILS AT 12" O.C.
  - 5) PLYWOOD SHEATHING SHALL BE NAILED WITH COMMON NAILS.
  - 6) NAIL HEADS SHALL NOT PENETRATE FACE PLY OF SHEATHING.
  - 7) NAIL PLYWOOD SHEATHING AT BOUNDARY MEMBERS AND TOP PLATES WITH EDGE NAILING PER SCHEDULE.
  - 8) SILL PLATES IN CONTACT WITH CONCRETE STEM WALLS, SLABS AND FOOTINGS SHALL BE PRESSURE TREATED.
  - 9) SILL PLATE ANCHORS SHALL BE 5/8"Ø J-BOLTS WITH 7" EMBEDMENT OR 5/8"Ø SIMPSON TITEN-HD SCREW ANCHORS WITH 5" EMBEDMENT. ALL ANCHORS SHALL HAVE 0.229"x3"x3" PLATE WASHERS ON TOP OF SILL PLATE. MINIMUM OF (2) ANCHORS EACH SHEAR WALL, 12" MAX FROM EACH END OF SILL PLATE. ALL ANCHORAGE SUBSTITUTIONS MUST BE APPROVED BY ENGINEER.
  - 10) WALLS W/ 4" O.C. OR TIGHTER PANEL EDGE NAIL SPACING SHALL BE FRAMED SUCH THAT FRAMING AT ABUTTING PANEL EDGES CONSISTS OF 3x FLAT 2x OR DOUBLE 2x WITH NAILING PER SHEAR WALL SCHEDULE AT ABUTTING PANEL EDGES. STAGGERED NAILING IS REQUIRED FOR FASTENING OF ABUTTING PANEL EDGES TO THE SAME FRAMING MEMBER.

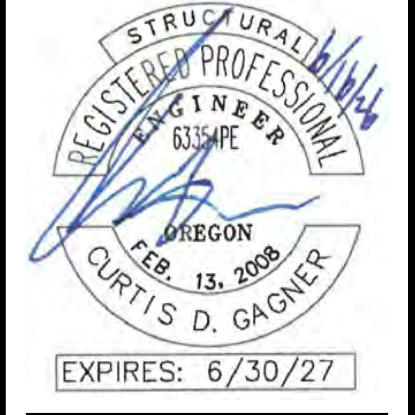
**FOUNDATION PLAN NOTES**

- SEE ARCHITECTURAL/MECHANICAL DRAWINGS FOR DRAINS, SLOPES, AND OTHER FLOOR DEPRESSIONS NOT SHOWN.
- SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, AND WALLS NOT SHOWN.
- VERIFY ALL WINDOW AND DOOR WIDTHS AND HEIGHTS WITH ARCHITECTURAL DRAWINGS.
- ANCHOR SILL PLATES OF ALL BEARING AND/OR SHEAR WALLS TO CONCRETE WITH 5/8"Ø J-BOLTS WITH 7" EMBEDMENT OR 5/8"Ø TITEN HD WITH 5" EMBED AT 32" O.C. UNLESS NOTED OTHERWISE PER SHEAR WALL SCHEDULE. LOCATE ANCHORS A MAXIMUM OF 1'-0" AND A MINIMUM OF 0'-5" FROM ENDS OF SILL TYP.



**FOUNDATION PLAN**  
1  
S1.1  
1/4" = 1'-0"

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ISSUED DATE	REVISION
02/17/2026	1 TYPE 3 DESIGN REVIEW
03/11/2026	2 DD REVIEW SET
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NEW CONSTRUCTION FOR  
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BEAVERTON, OR 97008

PERMIT SET 06.15.26

2ND FLOOR  
FRAMING PLAN  
**S1.2**  
JOB NO. 250200.01  
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**ROOF FRAMING PLAN KEYNOTES**

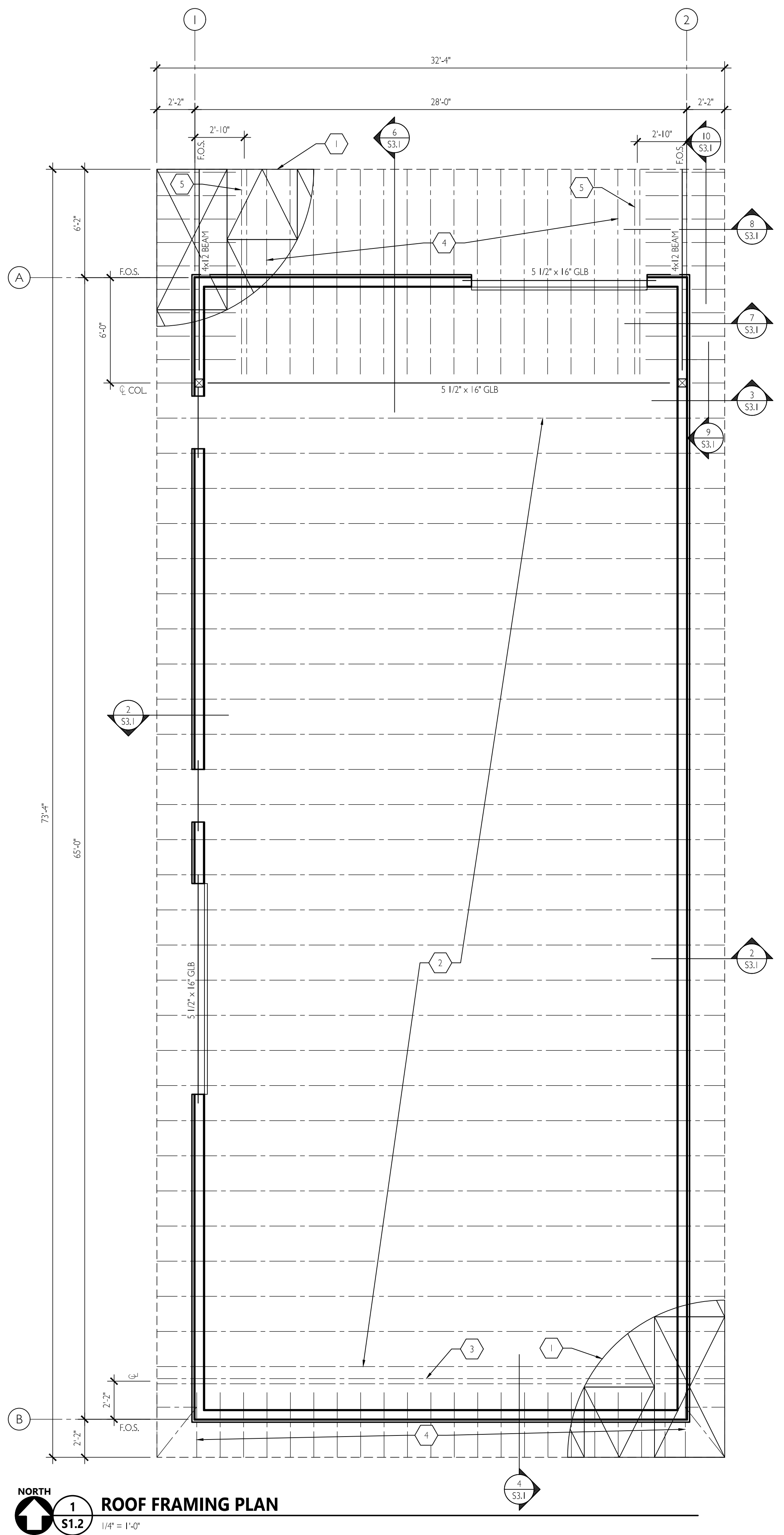
- 1 15/32" PLYWOOD SHEATHING  
NAIL W/ 10s @ 6" O.C. EDGE & 12" O.C. FIELD.  
INSTALL STRONG AXIS PERPENDICULAR TO JOISTS.
- 2 20' RED-90 @ 24" O.C.  
ROOF LOADS: DL=22 PSF SL=34 PSF
- 3 DOUBLE 20' RED-90 JOISTS  
DESIGN LOADS: DL=46 PLF, SL=71 PLF
- 4 2x10's @ 24" O.C.
- 5 DBL 2x10. ATTACH TO GLULAM WITH SIMPSON LUS210-2 HANGER.

**ROOF FRAMING PLAN LEGEND**

F.O.S. FACE OF STUD  
CENTER LINE OF COLUMN

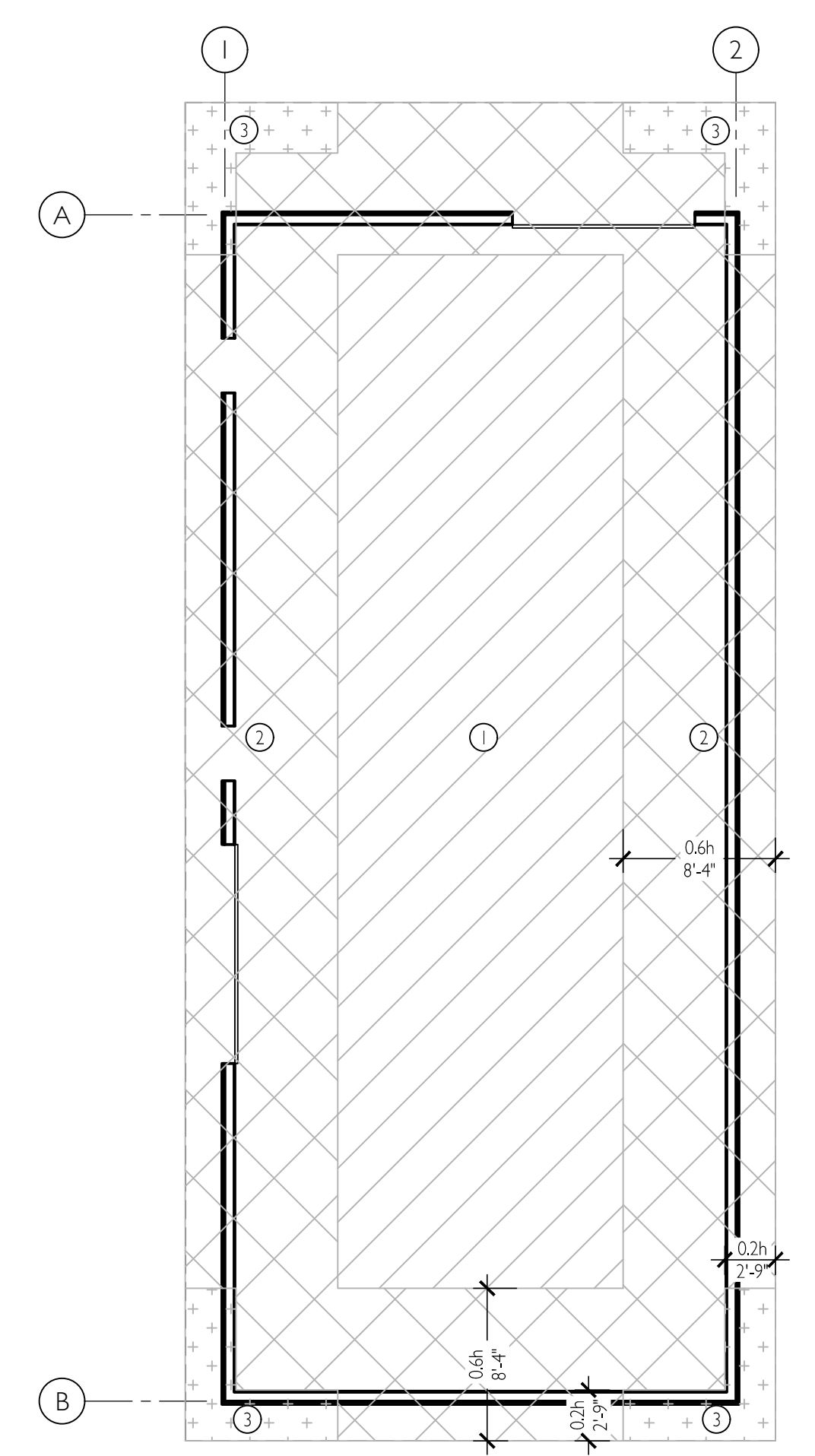
**ROOF FRAMING PLAN NOTES**

- ALL DETAIL CUTS SHOULD BE CONSIDERED TYPICAL @ AT LIKE CONDITIONS.
- SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.
- PROVIDE (3) 2x6 HEADERS PER 1/53.1 AT OPENINGS IN STRUCTURAL WALLS U.N.O.



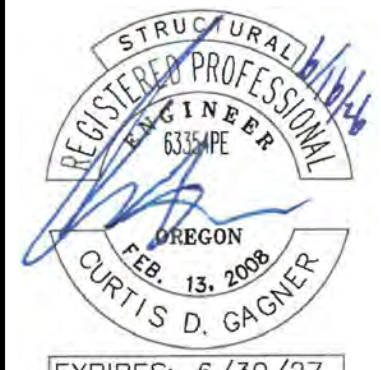
**1 ROOF FRAMING PLAN**  
S1.2 1/4" = 1'-0"

WIND ZONE	ROOFING UPLIFT 10FT <sup>2</sup> AREA 0.6W	JOISTS & BEAMS MAX NET UPLIFT 65FT <sup>2</sup> TRIB AREA 0.6W+0.6D
ZONE 1	-15.8PSF	-3.8PSF
ZONE 2	-20.9PSF	-8.6PSF
ZONE 3	-28.3PSF	-12.8PSF



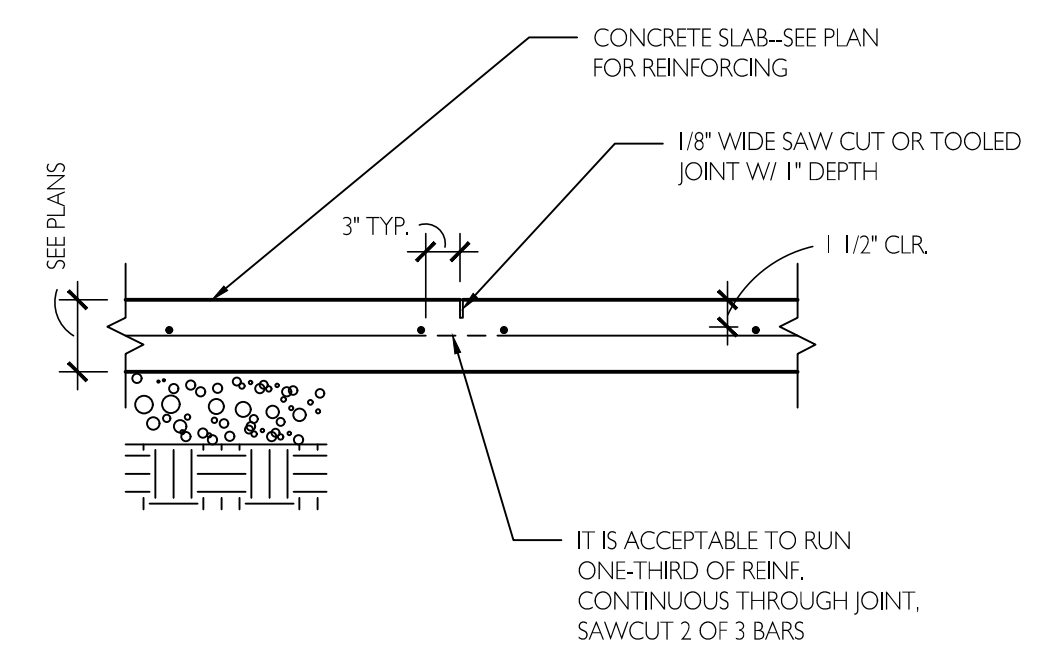
**2 WIND UPLIFT PLAN**  
S1.2 1/8" = 1'-0"

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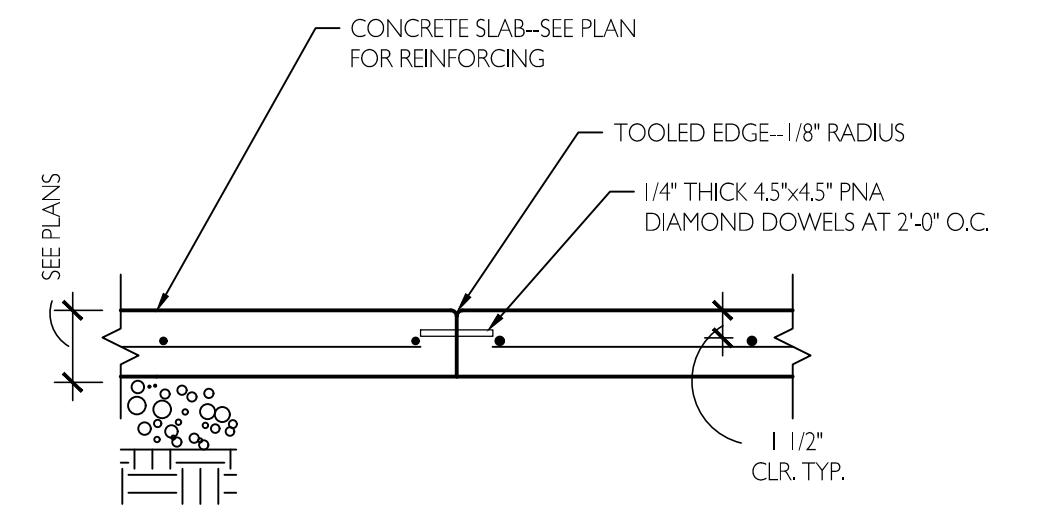


EXPIRES: 6/30/27

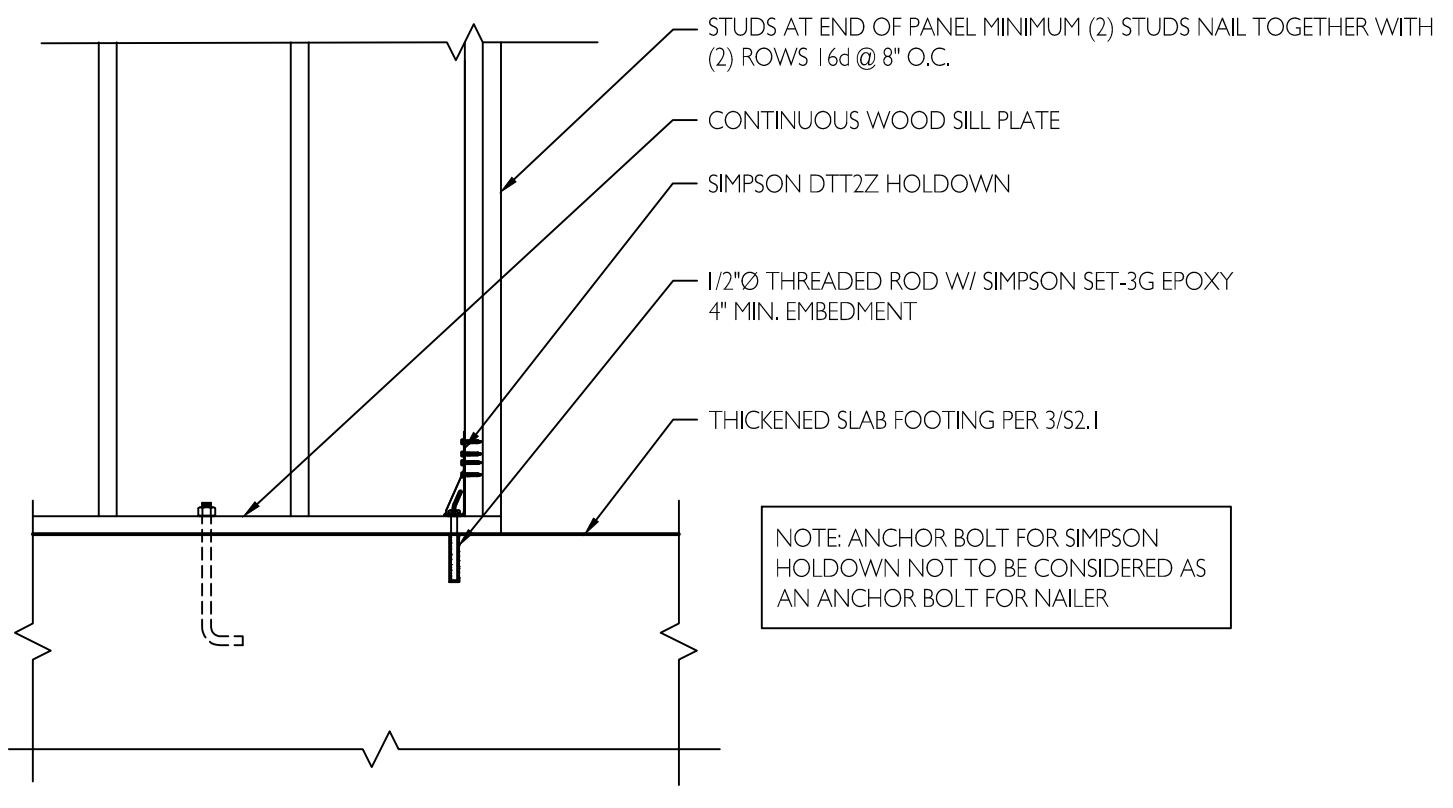
ISSUED DATE	REVISION
02/17/2026	1 TYPE 3 DESIGN REVIEW
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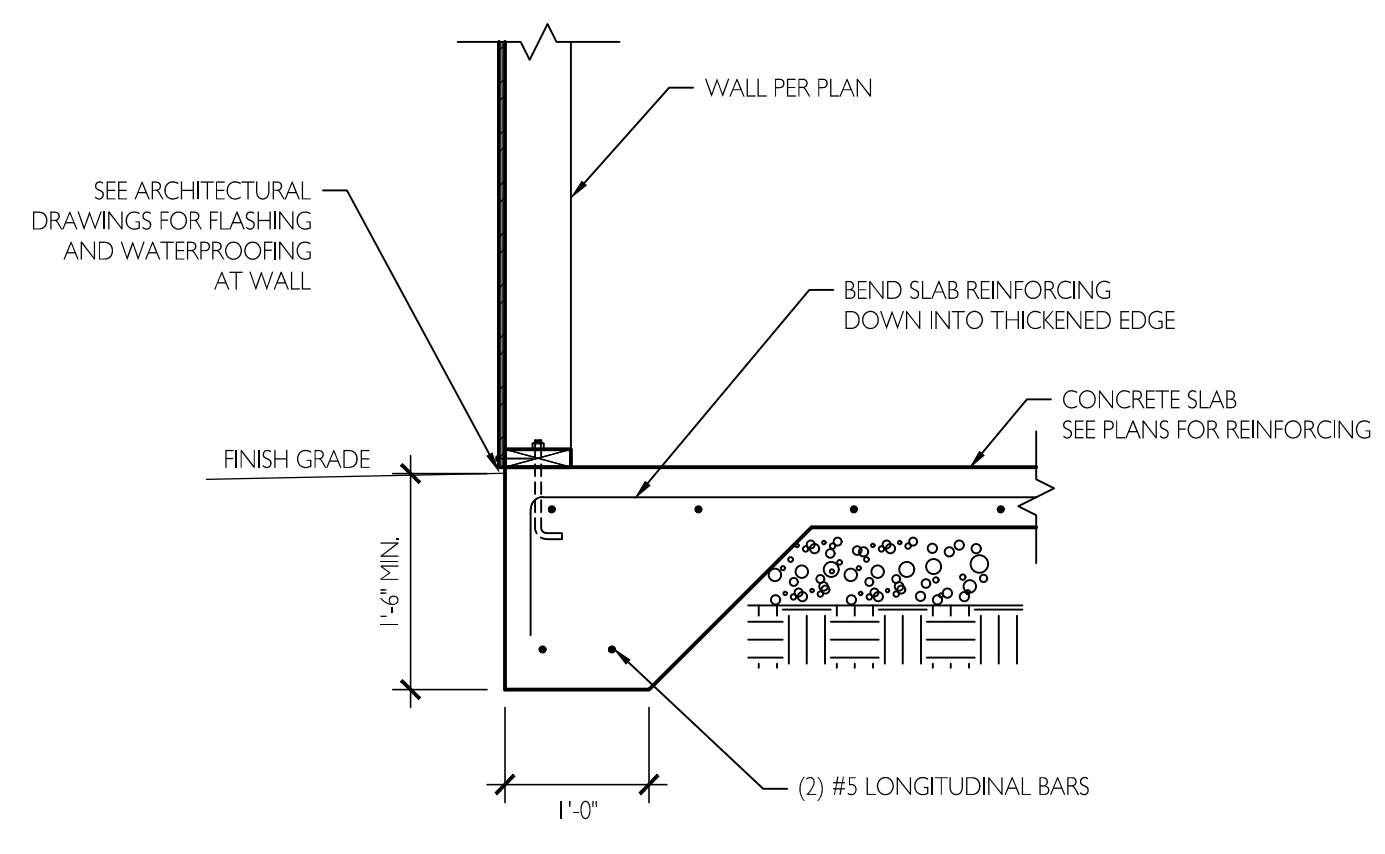
**1 CONTROL JOINT -- REINFORCED SLAB**  
S2.1 3/4" = 1'-0"



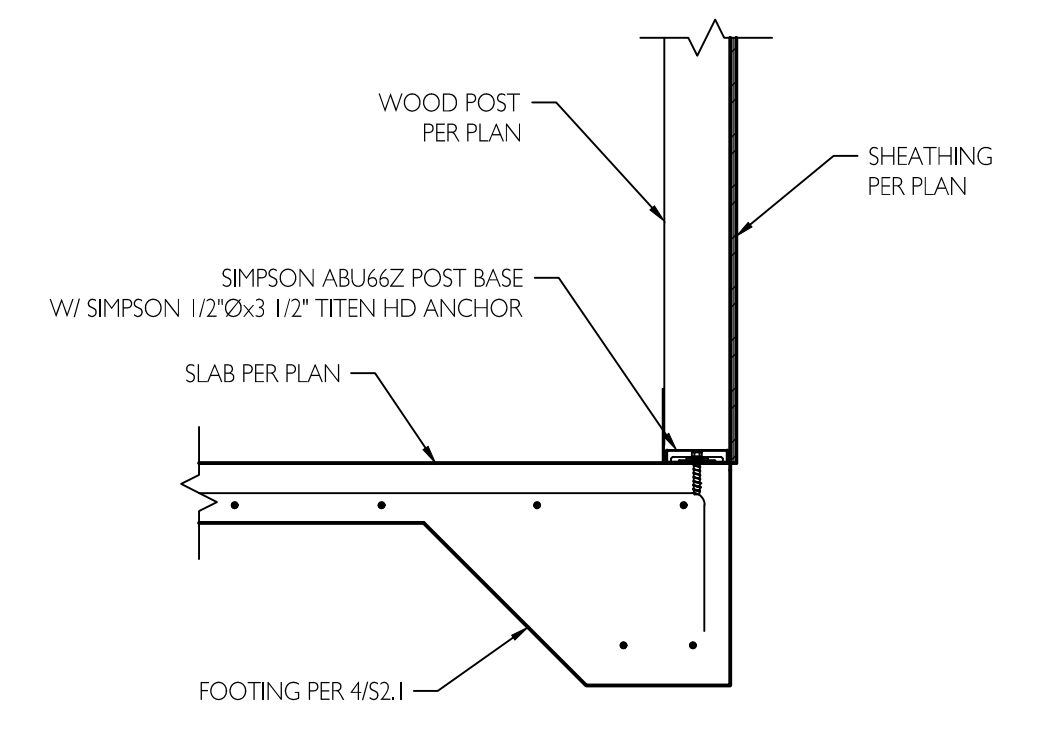
**2 CONSTRUCTION JOINT**  
S2.1 3/4" = 1'-0"



**3 HOLD DOWN - WOOD WALL**  
S2.1 3/4" = 1'-0"



**4 PERIMETER FOOTING AT EXT. WALL**  
S2.1 3/4" = 1'-0"



**5 POST AT BASE**  
S2.1 3/4" = 1'-0"



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PERMIT SET 06.15.26

FOUNDATION DETAILS

**S2.1**

JOB NO. 250200.01

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02/17/2026	03/11/2026	05/08/2026	05/22/2026	06/19/2026
1 TYPE 3 DESIGN REVIEW	2 DD REVIEW SET	3 SITE DEVELOPMENT PERMIT	4 CD REVIEW SET	5 PERMIT SET

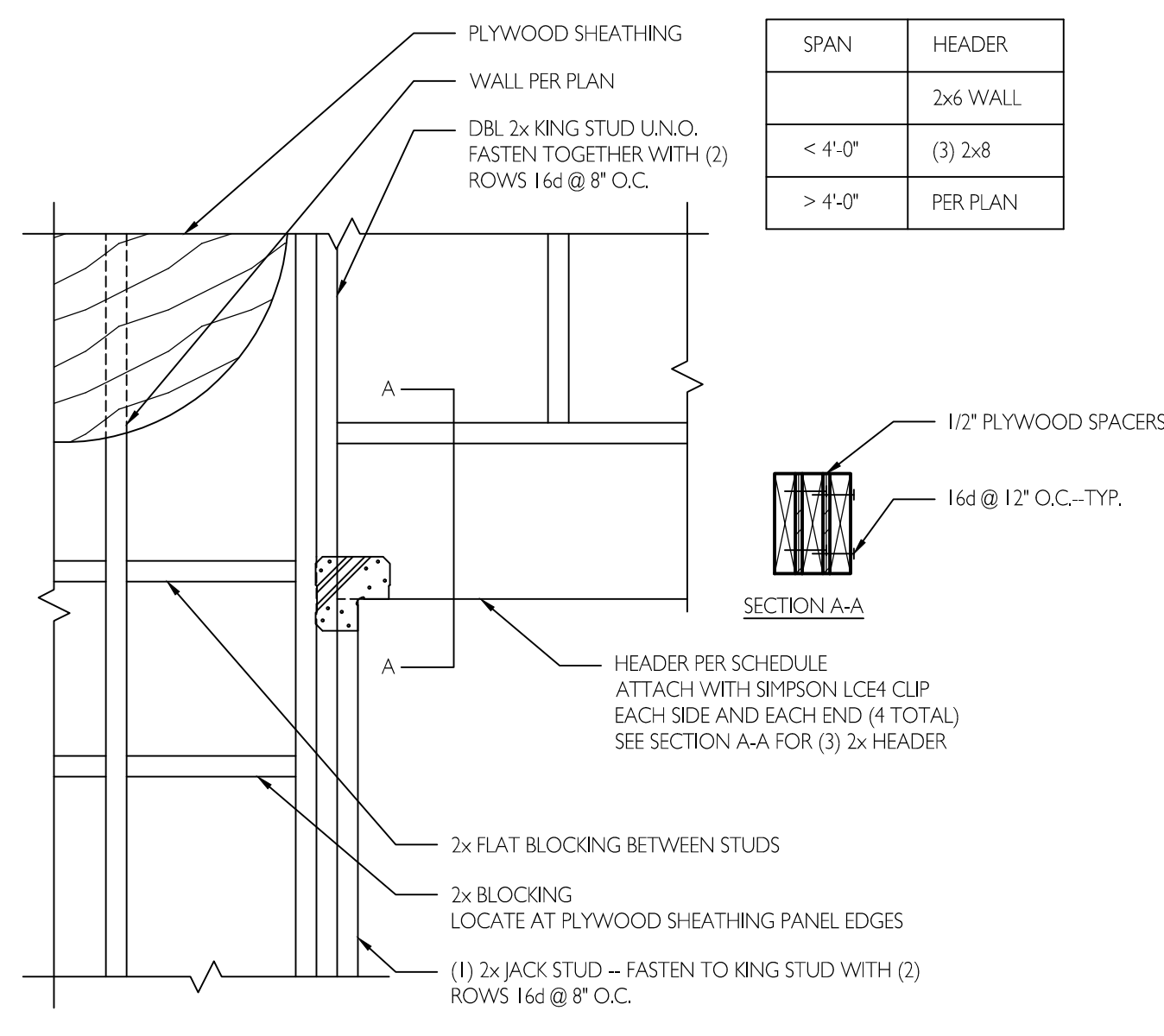
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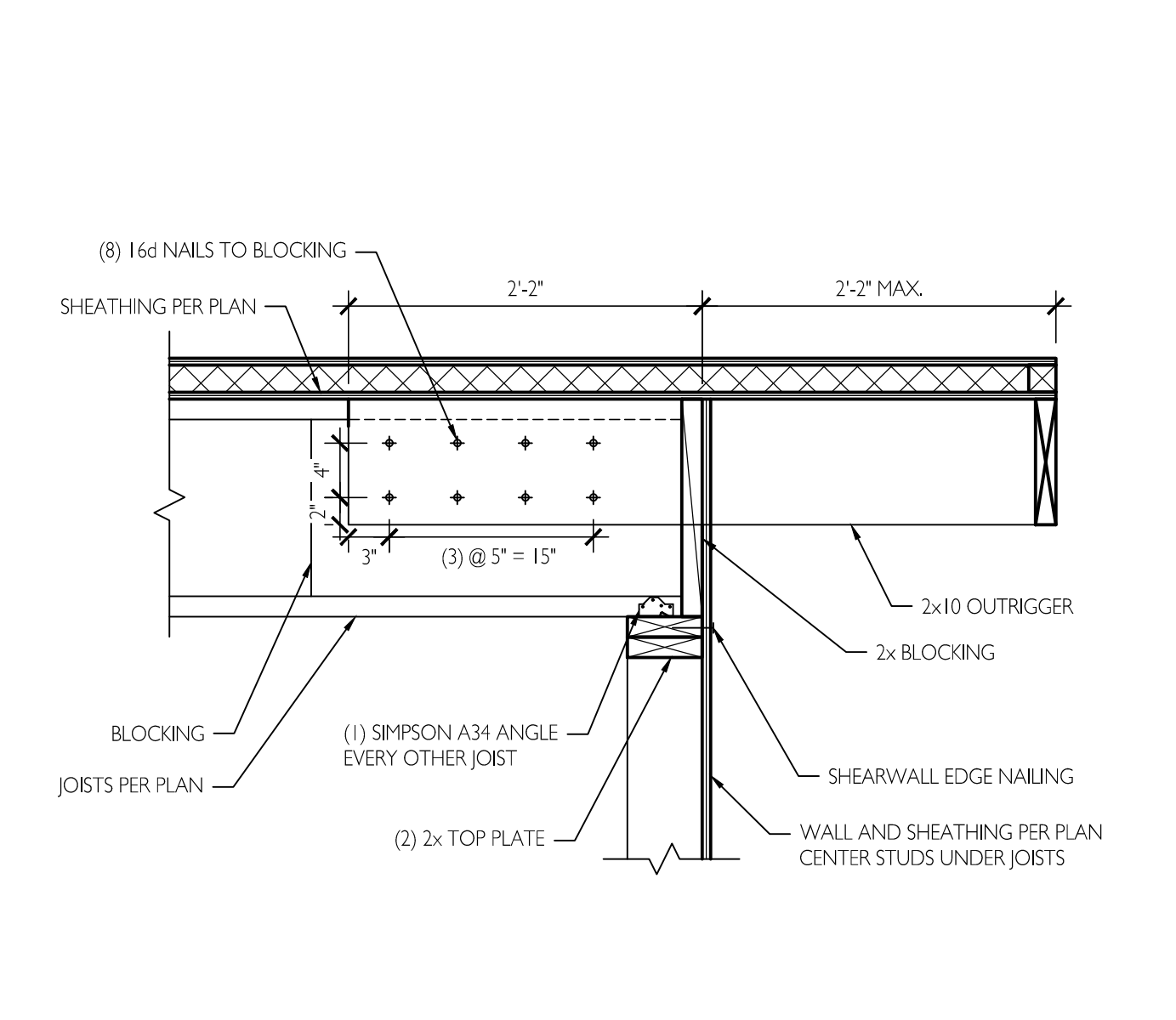
NEW CONSTRUCTION FOR  
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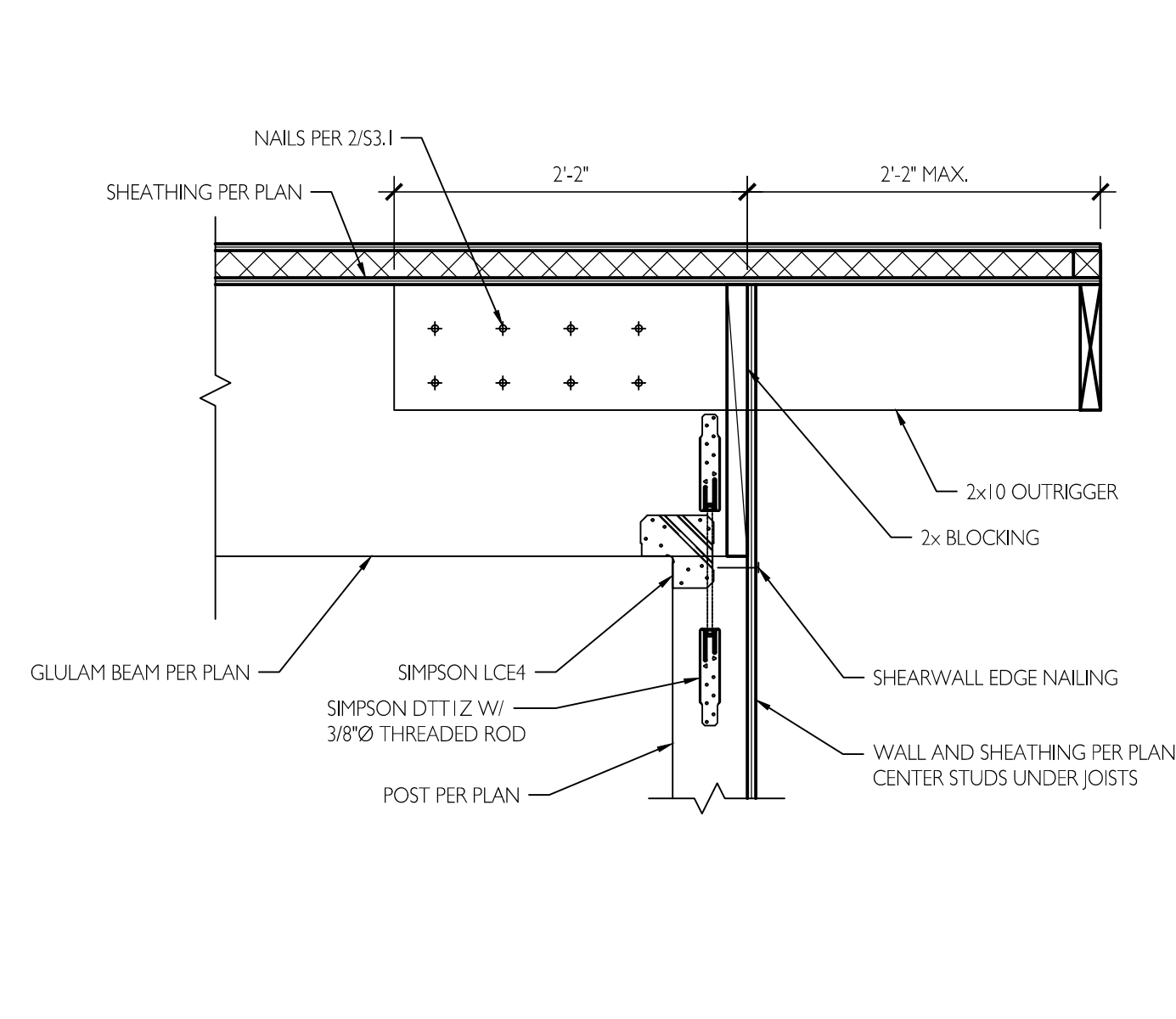
FRAMING DETAILS  
**S3.1**  
JOB NO. 25020001  
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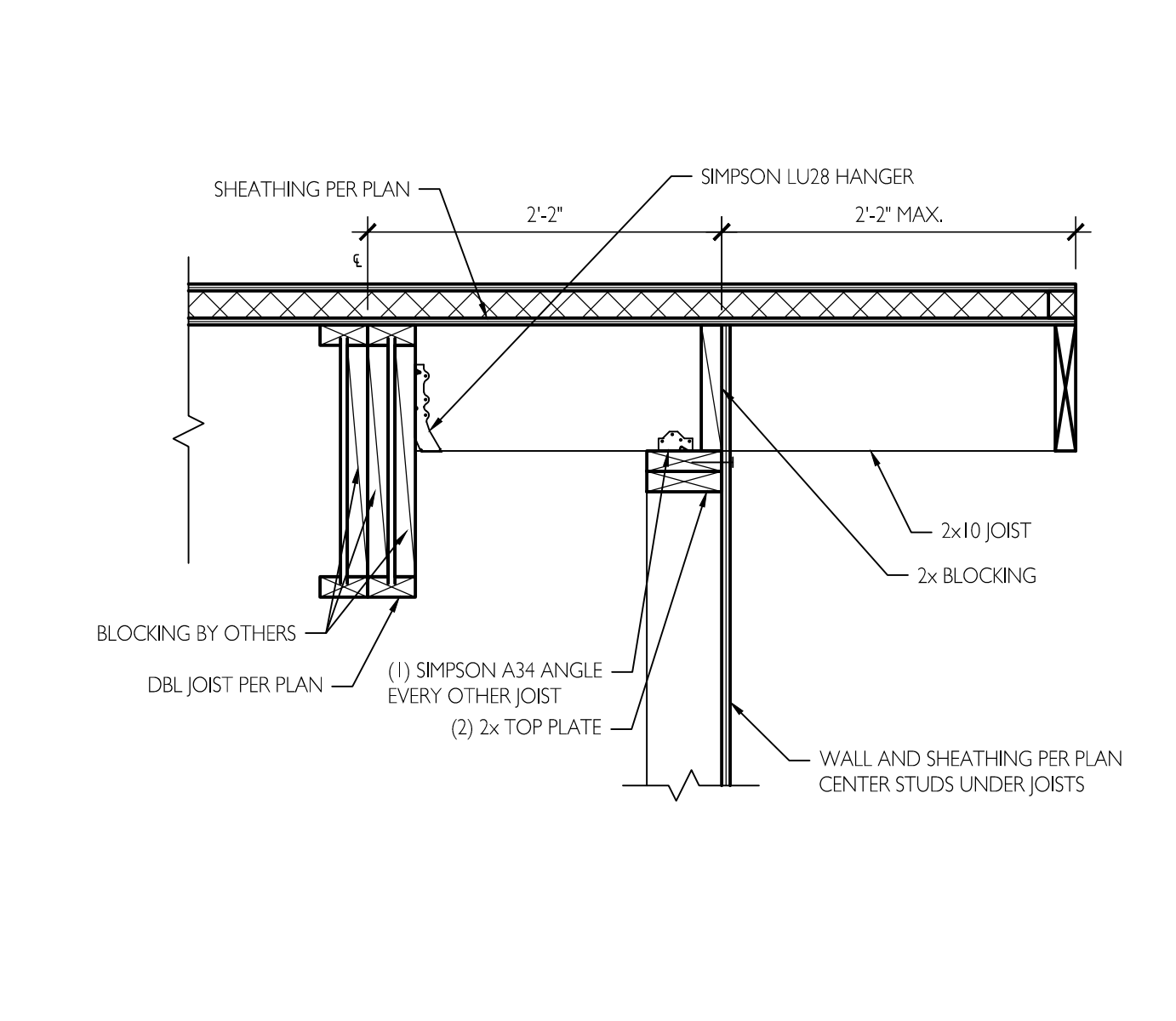
**1 WALL HEADER FRAMING**  
S3.1 1" = 1'-0"



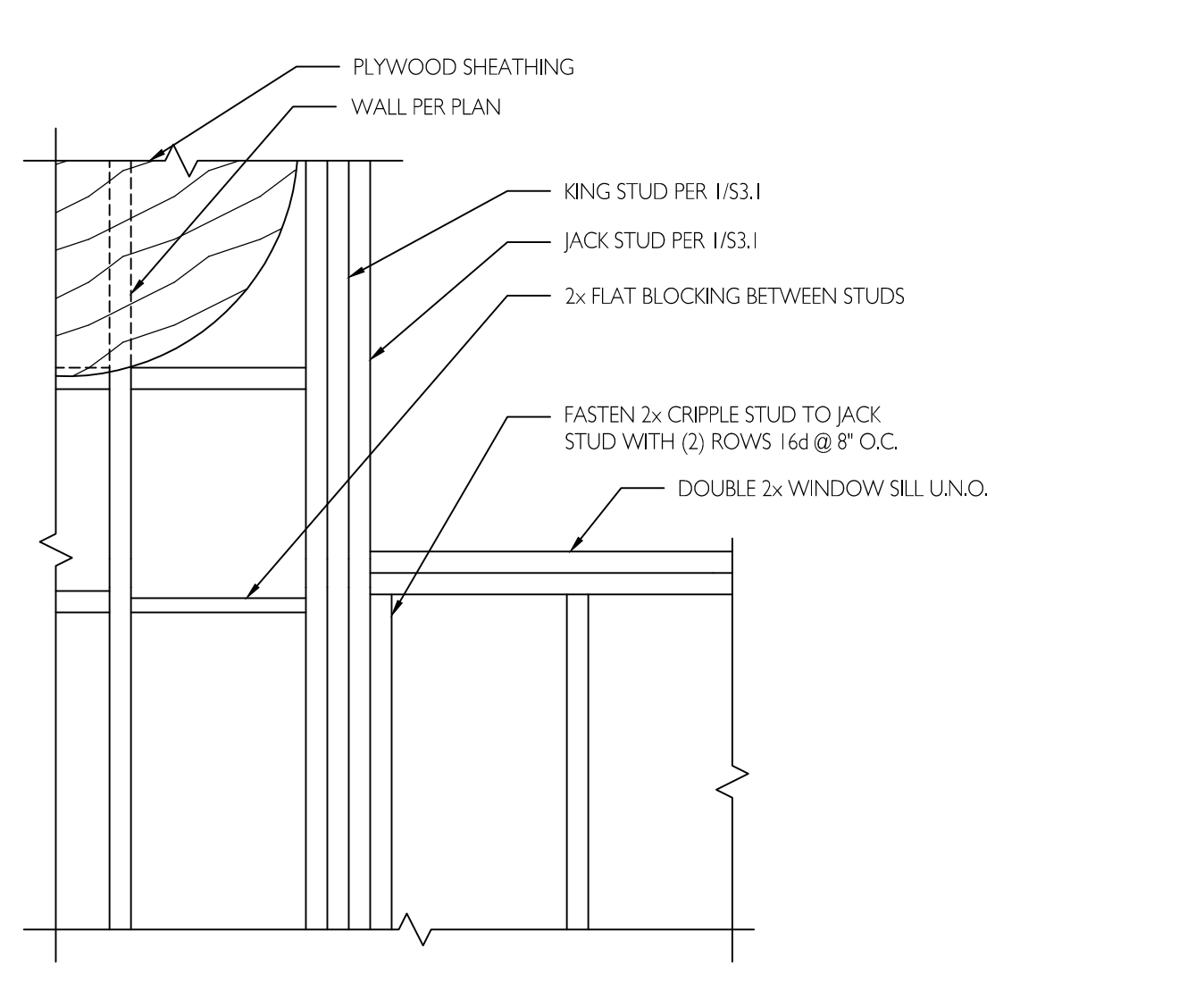
**2 JOIST BEARING AT EXTERIOR WALL**  
S3.1 1" = 1'-0"



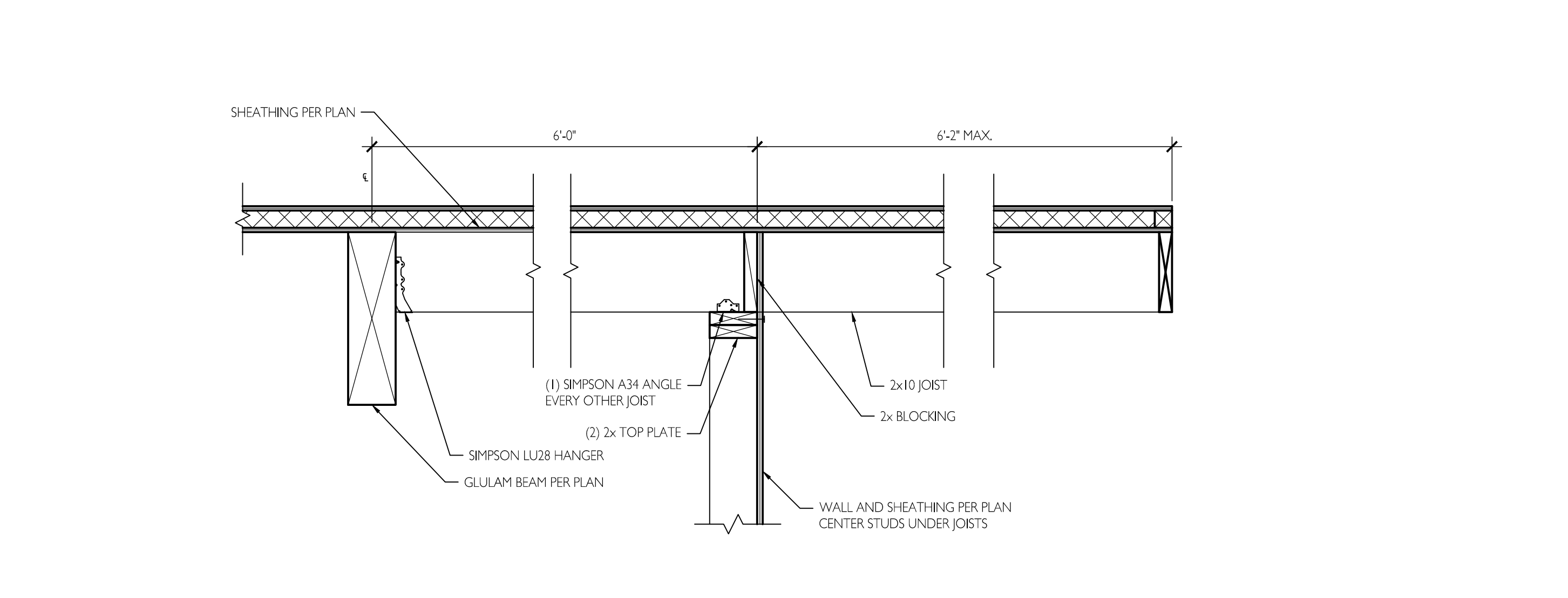
**3 GLULAM BEAM AT COLUMN**  
S3.1 1" = 1'-0"



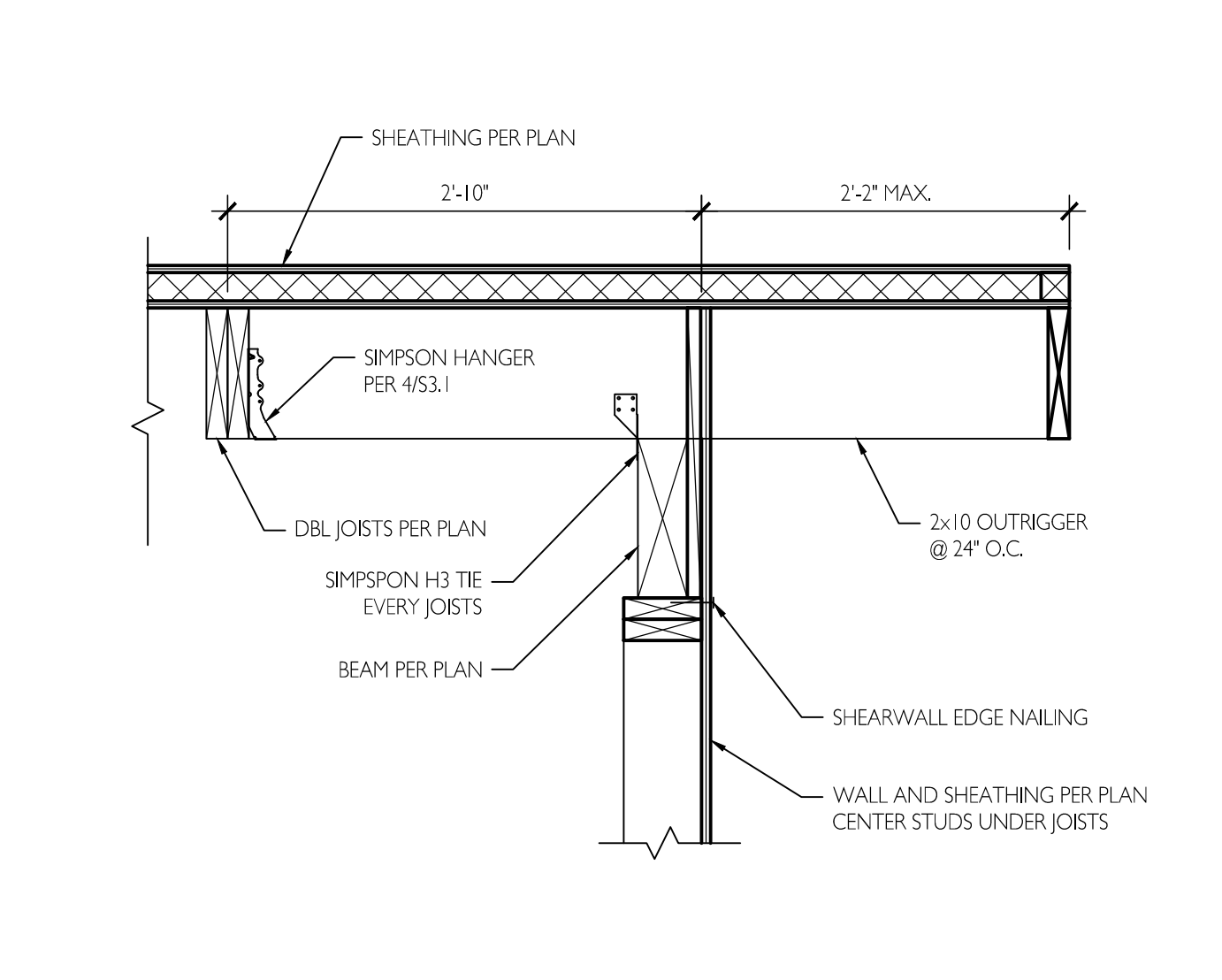
**4 CANTILEVER JOIST AT WALL**  
S3.1 1" = 1'-0"



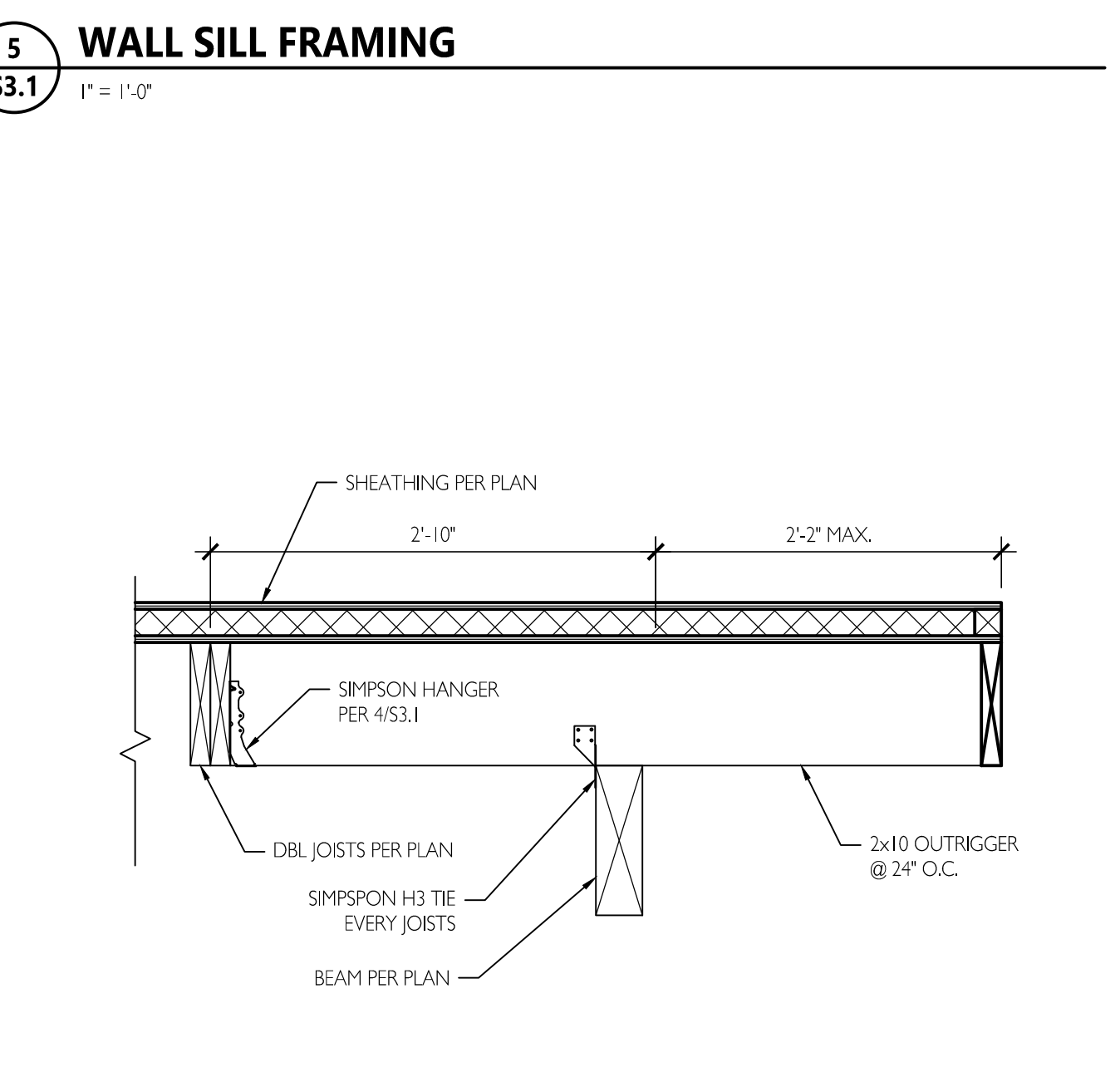
**5 WALL SILL FRAMING**  
S3.1 1" = 1'-0"



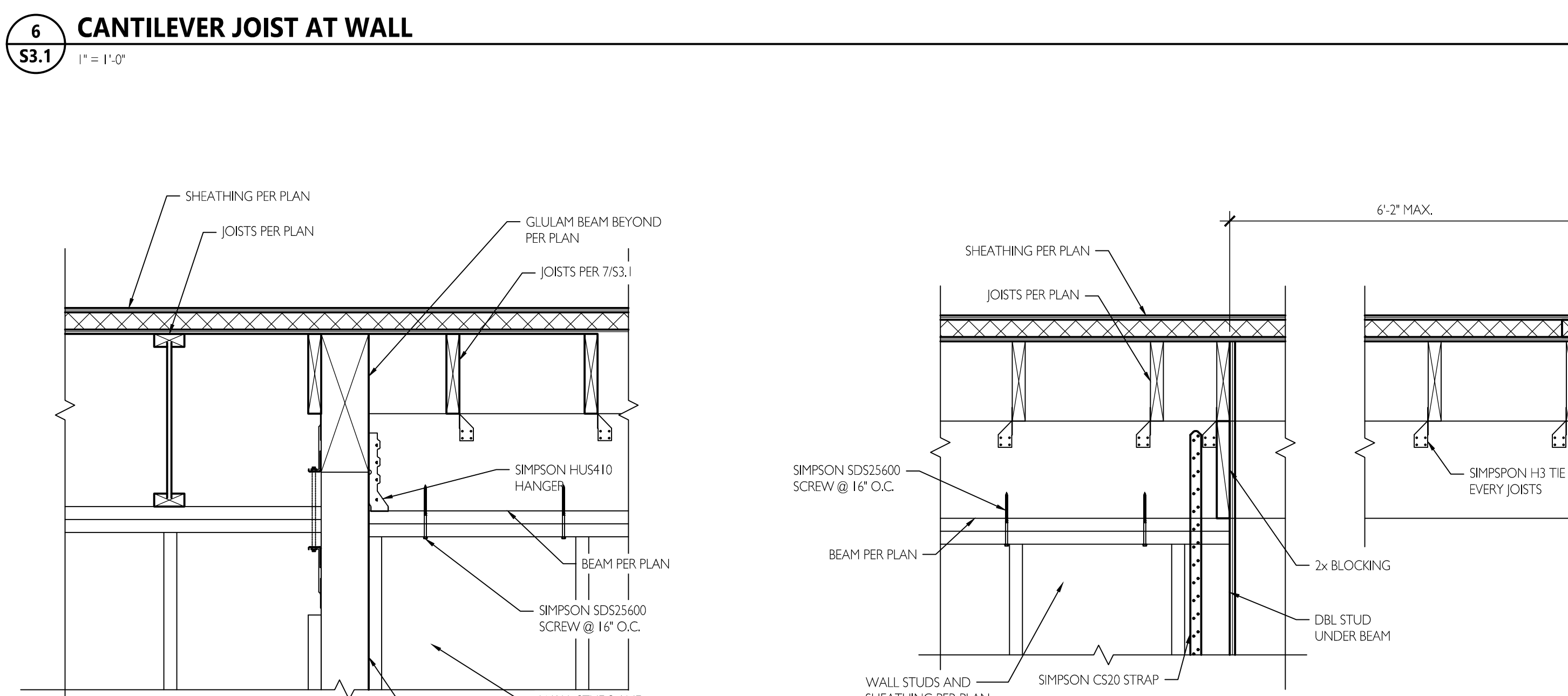
**6 CANTILEVER JOIST AT WALL**  
S3.1 1" = 1'-0"



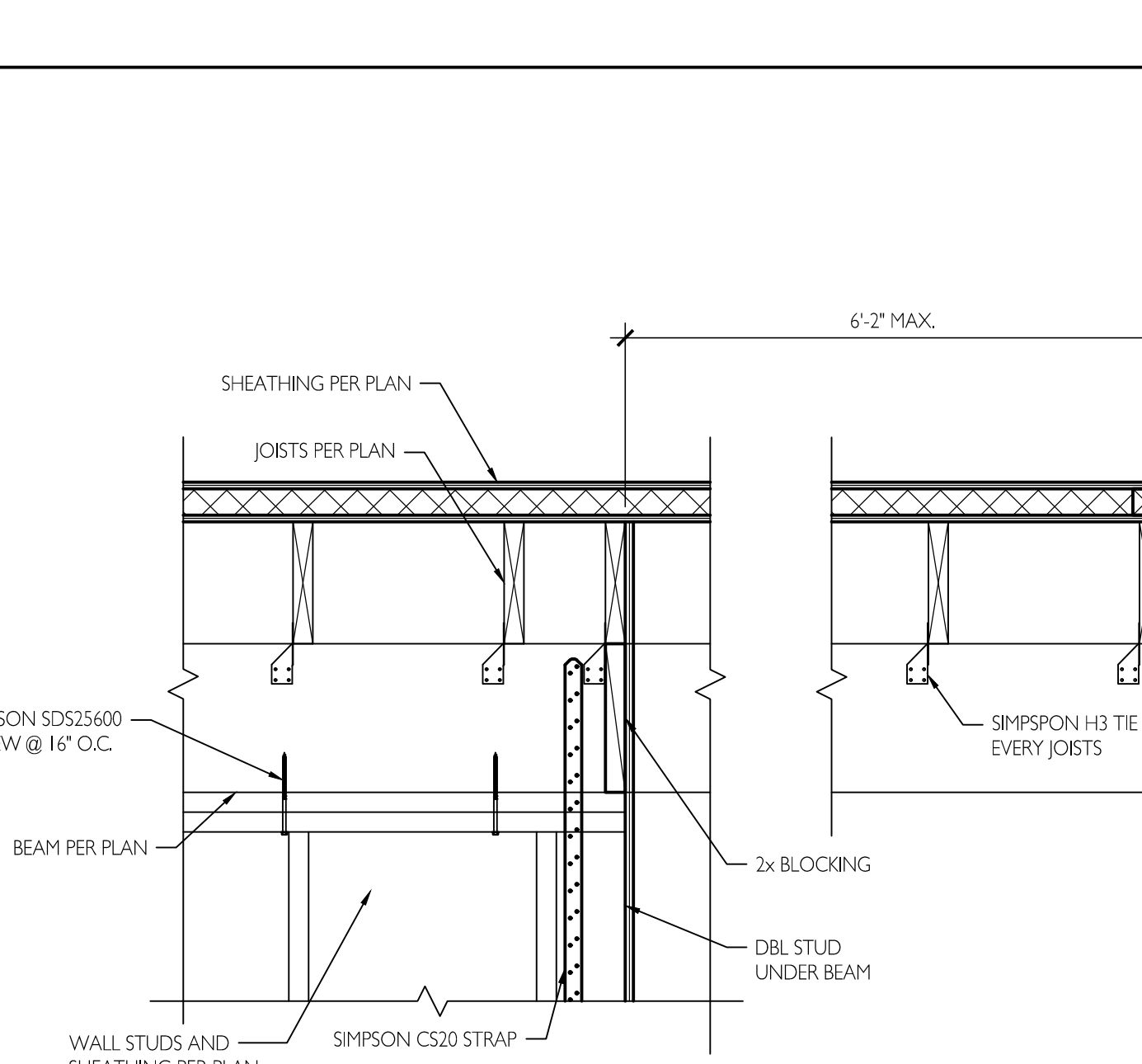
**7 CANTILEVER JOIST AT WALL**  
S3.1 1" = 1'-0"



**7 CANTILEVER JOIST AT BEAM**  
S3.1 1" = 1'-0"



**9 BEAM ATPOST**  
S3.1 1" = 1'-0"



**10 CANTILEVER JOIST AT BEAM**  
S3.1 1" = 1'-0"

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LOUVER SCHEDULE		
MARK NUMBER	L 1	L 2
SYSTEM	INTAKE	EXHAUST
TYPE	COMBO	COMBO
AIR FLOW (CFM)	70	1410
MAX PD ("H2O)	0.08	0.11
SIZE ("Wx"H)	12x12	24x30
ACTUATOR	YES	YES
INTERLOCK WITH	SF-1	EF-1
NOTES	1, 2, 3	1, 2
MANUFACTURER/ MODEL	RUSKIN/ ELC6375DAX	RUSKIN/ ELC6375DAX

NOTES:  
1. LOUVER SHALL OPEN WHEN FAN TURNS ON.  
2. PROVIDE WITH BIRDSCREEN.

FAN SCHEDULE		
MARK NUMBER	SF 1	EF 1
SYSTEM	TICKET	STORAGE
TYPE	INLINE	INLINE
AIR FLOW (CFM)	70	1410
ESP("H2O)	0.40	0.35
MOTOR (HP)	1/8	1/3
SPEED (RPM)	1725	1075
DISCHARGE	HORIZONTAL	HORIZONTAL
INTERLOCK WITH	SEE NOTES	SEE NOTES
CONTROLLED BY	OCC. SENSOR	SEE NOTES
BACKDRAFT DAMPER	YES	YES
ROOF CURB	NO	NO
INLET GUARD	YES	YES
ISOLATION TYPE	VIBRATION	VIBRATION
ELECTRICAL (V-PH)	115-1	115-1
DESIGN WEIGHT (LBS)	94	207
NOTES	1, 2, 3, 6	1, 2, 4, 5, 7
MANUFACTURER/ MODEL	COOK/ 100SQN17D0	COOK/ 165SQ10D

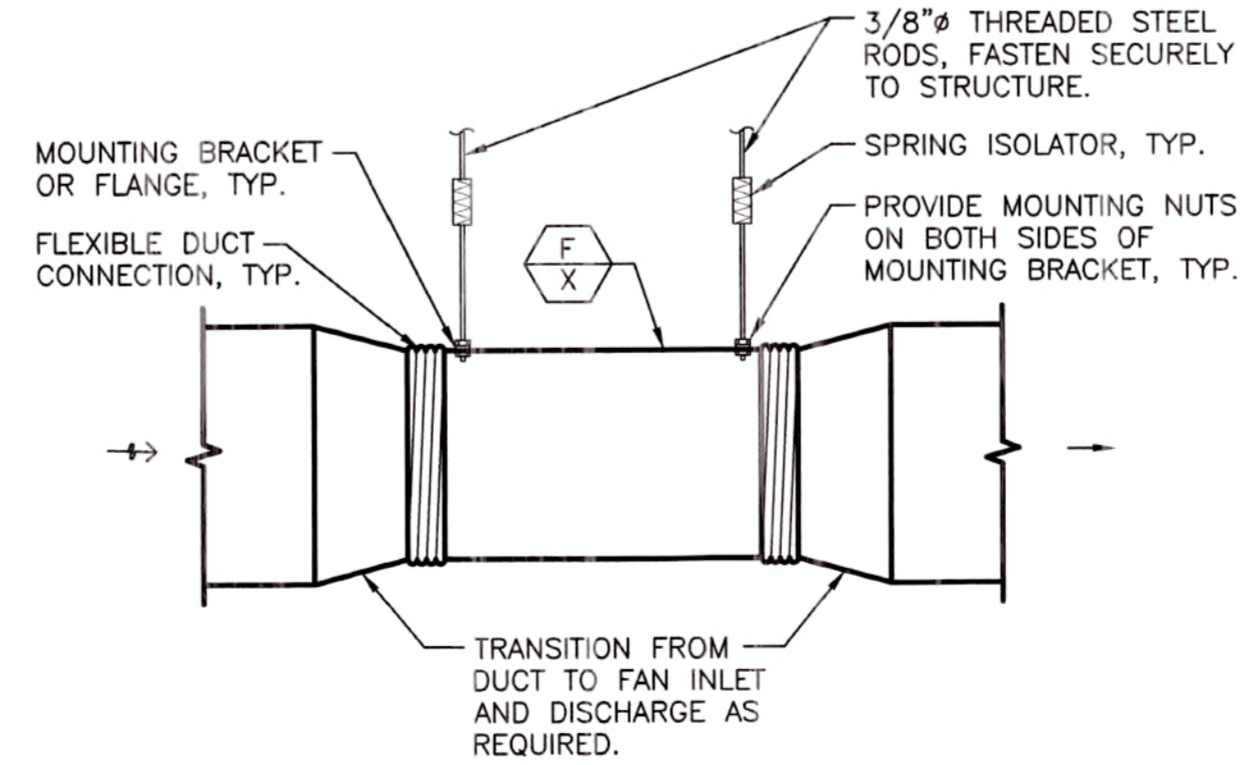
NOTES:  
1. PROVIDE WITH MOTORIZED DAMPER.  
2. PROVIDE WITH FAN MOUNTED SPEED CONTROL.  
3. PROVIDE WITH FILTER BOX WITH MERV 8 FILTERS.  
4. FAN TURNS ON FOR EMERGENCIES ONLY.  
5. CONTROLLED BY MACURCO COMBUSTIBLE GAS DETECTOR MODEL GD-6 TO DETECT HYDROGEN GAS.  
6. INTERLOCK WITH L-1.  
7. INTERLOCK WITH L-2.

DUCTWORK FITTINGS (DOUBLE/SINGLE LINE) AND CONTROLS		ABBREVIATIONS
DOUBLE LINE DUCTWORK	SINGLE LINE DUCTWORK	
		SUPPLY AIR ELBOW UP
		RETURN/EXHAUST AIR ELBOW UP
		OUTSIDE AIR ELBOW UP
		SUPPLY AIR ELBOW DOWN
		RETURN/EXHAUST AIR ELBOW DOWN
		OUTSIDE AIR ELBOW DOWN
		FLEXIBLE DUCT
		SQUARE ELBOW
		RADIUS ELBOW
		ACOUSTICALLY LINED DUCT (SIZES SHOWN ARE NET INSIDE)
		SUPPLY AIR DIFFUSER WITH THROW DIRECTION
		SUPPLY AIR SIDEWALL REGISTER
		RETURN/EXHAUST AIR CEILING REGISTER
		RETURN/EXHAUST AIR SIDEWALL REGISTER
		MVD MANUAL VOLUME DAMPER
		MD MOTORIZED DAMPER
		FSD FIRE SMOKE DAMPER
		THERMOSTAT/SENSOR MOUNTED @ 48" AFF WITH UNIT SERVED NOTED
		VAV-1
		<b>ABBREVIATIONS</b>
		AFF ABOVE FINISHED FLOOR
		BDD BACKDRAFT DAMPER
		BTU BRITISH THERMAL UNIT
		CFM CUBIC FEET PER MINUTE
		(E) EXISTING
		ESP EXTERNAL STATIC PRESSURE
		EXH EXHAUST AIR
		GPM GALLONS PER MINUTE
		HP HORSEPOWER
		MA MAKE-UP AIR
		MBH 1000 BTU PER HOUR
		MFR MANUFACTURER
		(N) NEW
		OSA OUTSIDE AIR
		PSI POUNDS PER SQUARE INCH
		RA RETURN AIR
		SA SUPPLY AIR
		<b>REFERENCE</b>
		CONNECT TO EXISTING AT THIS POINT. VERIFY LOCATION, SIZE, AND CONDITION.
		SHEET NOTE
		EQUIPMENT MARK NUMBER SEE SCHEDULES
		REVISION
		DIFFUSER/REGISTER MARK NUMBER
		NECK SIZE $\frac{20 \times 10}{500}$ SCHEDULED TYPE
		CFM $\frac{20 \times 10}{500}$ OPPOSED BLADE DAMPER

NOTE: NOT ALL SYMBOLS OR ABBREVIATIONS CONTAINED IN THIS LEGEND WILL APPEAR ON DRAWINGS.

DIFFUSER, REGISTER, AND GRILLE SCHEDULE			
TYPE	DESCRIPTION	MFR/MODEL	NOTES
A	SUPPLY REGISTER SURFACE MOUNTED	TITUS/300RS	N/A

OUTSIDE AIR VENTILATION AND EXHAUST SCHEDULE														
2022 OSMC Table 403.3.1.1														
System	Application	Cond. Area (SF)	Default Occ. Density # per 1000 SF	Occ. Load	Actual No. of Occ. or No. of Fixtures	CFM per Occ. or Fixture	People or Fixture Outdoor Airflow (CFM)	Area Outdoor Airflow (CFM/SF)	Area Outdoor Airflow (CFM)	Number of Occ. or No. of Fixtures	Exhaust per Occ. or Fixture (CFM)	Exhaust Airflow Rate (CFM/SF)	Req'd Exhaust (CFM)	Req'd Airflow (CFM)
SF-1	TICKET BOOTH	146	60	9	5	5	25	0.06	9	0	0	0.0	0	34
	BAG STORAGE AREA	161	0	0	0	0	0	0.12	19	0	0	0.0	0	19
	TOTAL REQ'D OSA CFM IN BREATHING ZONE													66
TOTAL PROVIDED EXHAUST CFM													0	
TOTAL PROVIDED OUTSIDE AIR CFM													70	
EF-1	STORAGE	1408	0	0	0	0	0	0.12	169	0	0	1.0	1408	169
	TOTAL REQ'D OSA CFM													169
	TOTAL REQ'D OSA CFM IN BREATHING ZONE													211
TOTAL PROVIDED EXHAUST CFM													1408	
TOTAL PROVIDED OUTSIDE AIR CFM													215	



1 M0.1 INLINE FAN DETAIL NOT TO SCALE

- GENERAL NOTES**
- DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL OFFSETS, BENDS, ELBOWS, TURNS, EXISTING CONDITIONS, ETC. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DRAWINGS, INSTALLATION CONDITION AND COORDINATE WITH OTHER TRADES AS REQUIRED FOR COMPLETE INSTALLATION AT NO ADDITIONAL COST TO PROJECT.
  - MAINTAIN ALL MANUFACTURER'S RECOMMENDATIONS AND CODE REQUIREMENTS FOR ALL EQUIPMENT.

- DRAWING LIST**
- M0.1 SCHEDULES, LEGENDS, AND DETAILS - MECHANICAL
  - M2.1 FLOOR PLAN - MECHANICAL
  - M4.1 SPECIFICATIONS - MECHANICAL

**R&W ENGINEERING, INC.**  
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 Office: (503) 292-6000  
 E-mail: rwen@rwieng.com  
 Project No. 382.162.001 Contact: GRACE MYERS

REGISTERED PROFESSIONAL ENGINEER  
 19598  
 ORGON  
 MAY 5, 1998  
 EDWARD A. CARLISLE  
 EXPIRES 12/31/27  
 6/15/26

REVISION DATE	TYPE	DESCRIPTION
1	TYPE 3	DESIGN REVIEW
2	DD	REVIEW SET
3	DD	REVIEW SET
4	CD	REVIEW SET
5	PERMIT	SET

**CIDA**  
 ARCHITECTURE  
 ENGINEERING  
 PLANNING  
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 15895 SW 72ND AVE SUITE 200  
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NEW CONSTRUCTION FOR  
**SOUTHBRIDGE HIGH SCHOOL  
 STORAGE SHED & TICKET BOOTH**  
 9625 SW 125TH AVE  
 BEAVERTON, OR 97008

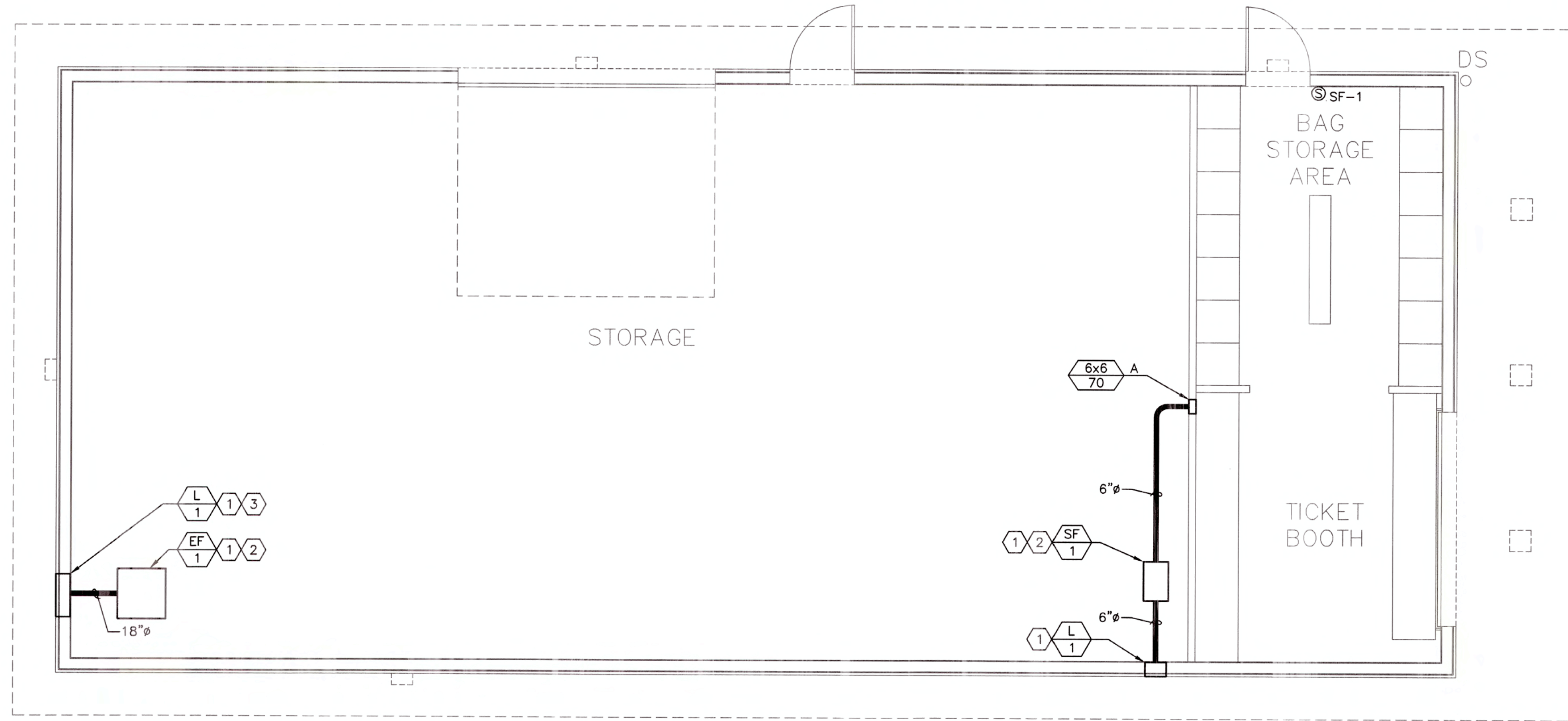
PERMIT SET 06.15.26

SCHEDULES, LEGENDS, AND DETAILS - MECHANICAL

**M0.1**

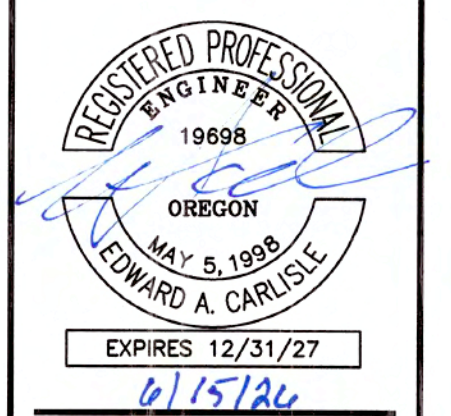
JOB NO. 250200.01

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- NOTES THIS SHEET**
- 1 MAINTAIN ALL MANUFACTURER'S RECOMMENDATIONS AND CODE REQUIREMENTS.
  - 2 SEE DETAIL 1/M0.1 FOR MOUNTING.
  - 3 MAINTAIN A MINIMUM OF 10' BETWEEN EXHAUST AND BUILDING INTAKES AND OPENINGS.

1 FLOOR PLAN - MECHANICAL  
M2.1 SCALE: 1/4" = 1'-0"



ISSUED DATE	DESCRIPTION
1 02/17/2026	TYPE 3 DESIGN REVIEW
2 03/11/2026	DD REVIEW SET
3 05/09/2026	SITE DEVELOPMENT PERMIT
4 06/22/2026	CD REVIEW SET
5 06/15/2026	PERMIT SET

**CIDA**  
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PERMIT SET 06.15.26

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Project No: 382.162.001 Contact: GRACE MYERS

FLOOR PLAN - ELECTRICAL  
**M2.1**  
JOB NO. 250200.01  
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SECTION 23050 – BASIC MATERIALS AND METHODS

1 GENERAL

- 1.1 WORK INCLUDED:
  - A. PROVIDE ALL EQUIPMENT, MATERIAL AND LABOR TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS.
  - B. OBTAIN AND PAY FOR ALL PERMITS, LICENSES, FEES AND TAXES APPLICABLE TO THIS PROJECT AS REQUIRED BY LAW AND GOVERNING AUTHORITIES.
- 1.2 QUALITY ASSURANCE
  - A. REGULATORY REQUIREMENTS:
    - 1. ALL WORK, INSTALLATIONS, MATERIALS AND EQUIPMENT SHALL COMPLY WITH THE PROVISION OF THE FOLLOWING CODES, STANDARDS AND REGULATIONS, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE SHOWN OR SPECIFIED:
      - a. CURRENT EDITION OF STATE OF OREGON PLUMBING SPECIALTY CODE (OPSC).
      - b. CURRENT EDITION OF STATE OF OREGON INTERNATIONAL MECHANICAL CODE (IMC).
      - c. CURRENT EDITION OF STATE OF OREGON STRUCTURAL SPECIALTY CODE (IBC).
      - d. NATIONAL ELECTRICAL CODE (NEC).
      - e. NATIONAL FIRE PROTECTION AGENCY (NFPA).
      - f. ALL CITY, COUNTY, STATE AND FEDERAL APPLICABLE LAWS AND REGULATIONS.
      - g. REGULATIONS AND STANDARDS SET FORTH BY ASME, ASHRAE, SMACNA, AGA AND ARI.
    - 2. WHERE TWO OR MORE CODES OR REGULATIONS APPLY, THE MORE STRINGENT OF THE TWO SHALL BE EXERCISED.
    - 3. ELECTRICAL PRODUCTS SHALL BEAR THE U.L. LABEL.
  - B. WORK SHALL BE OF GOOD QUALITY, FREE OF FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.
  - C. WORKMANSHIP: ALL MATERIALS SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
- 1.3 OPERATING AND MAINTENANCE MANUAL AND PARTS LISTS:
  - A. SUBMIT FIVE BOUND COPIES OF MANUFACTURER'S OPERATION AND MAINTENANCE INSTRUCTION MANUALS AND PARTS LISTS FOR EACH PIECE OF EQUIPMENT OR ITEM REQUIRING SERVICING. INCLUDE IN THE MANUAL MANUFACTURER'S SERVICE DATA, WIRING DIAGRAMS AND PARTS LISTS FOR ALL MAJOR ITEMS OF EQUIPMENT, VALVE CHARTS, BALANCING DATA, FINAL CONTROL DIAGRAMS SHOWING FINAL SET POINTS AND ANY ADDITIONAL EQUIPMENT ADDED BY CONTRACT MODIFICATION.
- 1.4 PROJECT RECORD (AS-INSTALLED) DRAWINGS:
  - A. KEEP DRAWINGS CLEAN, UNDAMAGED AND UP TO DATE.
  - B. MAKE DRAWINGS AVAILABLE WHEN REQUESTED BY ARCHITECT FOR HIS REVIEW.
- 1.5 WARRANTY:
  - A. PROVIDE A WRITTEN GUARANTEE COVERING THE WORK OF THIS DIVISION FOR A PERIOD OF ONE CALENDAR YEAR FROM THE DATE OF ACCEPTANCE OF THE ENTIRE PROJECT AS REQUIRED BY THE GENERAL PROVISIONS.
  - B.

SECTION 230548 – VIBRATION AND SEISMIC CONTROLS FOR HVAC

PART 1 GENERAL

- 1.01 SECTION INCLUDES
  - A. Vibration isolation requirements.
  - B. Vibration-isolated equipment support bases.
- 1.02 RELATED REQUIREMENTS
  - A. Section 230529 – Hangers and Supports for HVAC Piping and Equipment.
- 1.03 REFERENCE STANDARDS
  - A. ASHRAE (HVACA) – ASHRAE Handbook – HVAC Applications; Most Recent Edition Cited by Referring Code or Reference Standard.
- 1.04 ADMINISTRATIVE REQUIREMENTS
  - A. Coordination:
    - 1. Coordinate selection and arrangement of vibration isolation and/or seismic control components with the actual equipment to be installed.
    - 2. Coordinate the work with other trades to provide additional framing and materials required for installation.
    - 3. Coordinate compatibility of support and attachment components with mounting surfaces at the installed locations.
    - 4. Notify Architect of any conflicts with or deviations from Contract Documents. Obtain direction before proceeding with work.

PART 2 PRODUCTS

- 2.01 VIBRATION ISOLATION REQUIREMENTS
  - A. Design and provide vibration isolation systems to reduce vibration transmission to supporting structure from vibration-producing HVAC equipment and/or HVAC connections to vibration-isolated equipment.
  - B. Comply with applicable general recommendations of ASHRAE (HVACA), where not in conflict with other specified requirements:
  - C. General Requirements:
    - 1. Select vibration isolators to provide required static deflection.
    - 2. Select vibration isolators for uniform deflection based on distributed operating weight of actual installed equipment.
- 2.02 VIBRATION ISOLATORS
  - A. General Requirements:
    - 1. Resilient Materials for Vibration Isolators: Oil, ozone, and oxidant resistant.

PART 3 EXECUTION

- 3.01 EXAMINATION
  - A. Verify that field measurements are as shown on the drawings.
  - B. Verify that mounting surfaces are ready to receive vibration isolation and/or seismic control components and associated attachments.
  - C. Verify that conditions are satisfactory for installation prior to starting work.
- 3.02 INSTALLATION
  - A. Install products in accordance with manufacturer's instructions.
  - B. Install anchors and fasteners in accordance with ICC Evaluation Services, LLC (ICC-ES) evaluation report conditions of use where applicable.
  - C. Secure fasteners according to manufacturer's recommended torque settings.
  - D. Install flexible piping connections to provide sufficient slack for vibration isolation and/or seismic relative displacements as indicated or as required.
  - E. Vibration Isolation Systems:
    - 1. Clean debris from beneath vibration-isolated equipment that could cause short-circuiting of isolation.
    - 2. Use elastomeric grommets for attachments where required to prevent short-circuiting of isolation.
    - 3. Adjust isolators to be free of isolation short circuits during normal operation.
    - 4. Do not overtighten fasteners such that resilient material isolator pads are compressed beyond manufacturer's maximum recommended deflection.

END OF SECTION

SECTION 230548 – VIBRATION AND SEISMIC CONTROLS FOR HVAC

PART 1 GENERAL

- 1.01 SECTION INCLUDES
  - A. Vibration isolation requirements.
  - B. Vibration-isolated equipment support bases.
  - C. Vibration isolators.
- 1.02 RELATED REQUIREMENTS
  - A. Section 230529 – Hangers and Supports for HVAC Piping and Equipment.
- 1.03 REFERENCE STANDARDS
  - A. ASHRAE (HVACA) – ASHRAE Handbook – HVAC Applications; Most Recent Edition Cited by Referring Code or Reference Standard.
- 1.04 ADMINISTRATIVE REQUIREMENTS
  - A. Coordination:
    - 1. Coordinate selection and arrangement of vibration isolation and/or seismic control components with the actual equipment to be installed.
    - 2. Coordinate the work with other trades to provide additional framing and materials required for installation.
    - 3. Coordinate compatibility of support and attachment components with mounting surfaces at the installed locations.
    - 4. Notify Architect of any conflicts with or deviations from Contract Documents. Obtain direction before proceeding with work.

PART 2 PRODUCTS

- 2.01 VIBRATION ISOLATION REQUIREMENTS
  - A. Design and provide vibration isolation systems to reduce vibration transmission to supporting structure from vibration-producing HVAC equipment and/or HVAC connections to vibration-isolated equipment.
  - B. Comply with applicable general recommendations of ASHRAE (HVACA), where not in conflict with other specified requirements:
  - C. General Requirements:
    - 1. Select vibration isolators to provide required static deflection.
    - 2. Select vibration isolators for uniform deflection based on distributed operating weight of actual installed equipment.
- 2.02 VIBRATION ISOLATORS
  - A. General Requirements:
    - 1. Resilient Materials for Vibration Isolators: Oil, ozone, and oxidant resistant.

PART 3 EXECUTION

- 3.01 EXAMINATION
  - A. Verify that field measurements are as shown on the drawings.
  - B. Verify that mounting surfaces are ready to receive vibration isolation and/or seismic control components and associated attachments.
  - C. Verify that conditions are satisfactory for installation prior to starting work.
- 3.02 INSTALLATION
  - A. Install products in accordance with manufacturer's instructions.
  - B. Install anchors and fasteners in accordance with ICC Evaluation Services, LLC (ICC-ES) evaluation report conditions of use where applicable.
  - C. Secure fasteners according to manufacturer's recommended torque settings.
  - D. Install flexible piping connections to provide sufficient slack for vibration isolation and/or seismic relative displacements as indicated or as required.
  - E. Vibration Isolation Systems:
    - 1. Clean debris from beneath vibration-isolated equipment that could cause short-circuiting of isolation.
    - 2. Use elastomeric grommets for attachments where required to prevent short-circuiting of isolation.
    - 3. Adjust isolators to be free of isolation short circuits during normal operation.
    - 4. Do not overtighten fasteners such that resilient material isolator pads are compressed beyond manufacturer's maximum recommended deflection.

SECTION 230993 – SEQUENCE OF OPERATIONS FOR HVAC CONTROLS

PART 1 GENERAL

- 1.01 SECTION INCLUDES
  - A. This section defines the manner and method by which controls function. Requirements for each type of control system operation are specified. Equipment, devices, and system components required for control systems are specified in other sections.
  - B. Sequence of operation for:
    - 1. Central fan systems.

PART 2 PRODUCTS – NOT USED

PART 3 EXECUTION

- 3.01 CENTRAL FAN SYSTEMS
  - A. SF-1 shall be connected to occupancy sensor. Intake louver shall open when SF-1 turns on.
  - B. EF-1 shall turn on when Gas Detector detects hydrogen gas. Exhaust louver shall open with EF-1 turns on.

END OF SECTION

SECTION 233416 – CENTRIFUGAL HVAC FANS

PART 1 GENERAL

- 1.01 SECTION INCLUDES
  - A. Backward inclined centrifugal fans.
  - B. Bearings and drives.
  - C. Accessories.
- 1.02 RELATED REQUIREMENTS
  - A. Section 230548 – Vibration and Seismic Controls for HVAC.
  - B. Section 230713 – Duct Insulation.
- 1.03 REFERENCE STANDARDS
  - A. ABMA STD 9 – Load Ratings and Fatigue Life for Ball Bearings; 2015 (Reaffirmed 2020).
  - B. AMCA (DIR) – (Directory of) Products Licensed Under AMCA International Certified Ratings Program; 2015.
  - C. AMCA 99 – Standards Handbook; 2025.
  - D. AMCA 210 – Laboratory Methods of Testing Fans for Certified Aerodynamic Performance Rating; 2025.
  - E. AMCA 300 – Reverberation Room Methods of Sound Testing of Fans; 2024.
  - F. AMCA 301 – Methods for Calculating Fan Sound Ratings from Laboratory Test Data; 2022.
- 1.04 SUBMITTALS
  - A. Product Data: Provide data on centrifugal fans and accessories including fan curves with specified operating point plotted, power, rpm, sound power levels for both fan inlet and outlet at rated capacity, and electrical characteristics and connection requirements.
- 1.05 DELIVERY, STORAGE, AND HANDLING
  - A. Protect motors, shafts, and bearings from weather and construction dust.
  - B. Unit shall be shipped in ISTA certified transit tested packaging.
- 1.06 FIELD CONDITIONS
  - A. Permanent fans may not be used for ventilation during construction.

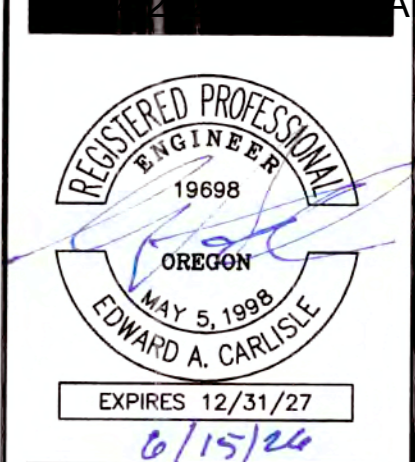
PART 2 PRODUCTS

- 2.01 MANUFACTURERS BY FAN TYPE
  - A. Backward-Inclined Centrifugal Fans:
    - 1. ACME Engineering and Manufacturing Corporation
    - 2. Loren Cook Company
    - 3. Twin City Fan & Blower
    - 4. Dayton Fans
- 2.02 PERFORMANCE REQUIREMENTS
  - A. Performance Ratings: Determined in accordance with AMCA 210 and bearing the AMCA Certified Rating Seal.
  - B. Sound Ratings: AMCA 301, tested to AMCA 300, and bear AMCA Certified Sound Rating Seal.
  - C. Fabrication: Comply with AMCA 99.
- 2.03 WHEEL AND INLET
  - A. Backward Inclined: 100% aluminum construction with a precision machined cast aluminum hub. Wheel inlet shall overlap an aerodynamic aluminum overlap an aerodynamic aluminum inlet cone to provide maximum performance and efficiency. Wheel shall be balcern in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans
- 2.04 HOUSING
  - A. EF-1 shall be of bolted and welded construction utilizing corrosion resistant fasteners. Housing shall be minimum 18 gauge steel with airflow straightening vanes and integral duct flanges. Unit shall bear an engraved aluminum nameplate. Nameplate shall indicate design CFM and static pressure.
  - B. SF-1 shall be of bolted and welded construction utilizing corrosion resistant fasteners. Housing shall be minimum 18 gauge steel with integral duct collars. Bolted access doors shall be provided on three sides, sealed with closed cell neoprene gasketing. Housing shall be pre-drilled to accommodate universal mounting feet for vertical or horizontal installation. Unit shall bear an engraved aluminum nameplate. Nameplate shall indicate design CFM and static pressure.
  - C. For EF-1, all steel fan components shall be Lorenized™ with an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Paint must exceed 1,000 hour salt spray under ASTM B117 test method.
- 2.05 BEARINGS AND DRIVES
  - A. Bearings: Heavy duty pillow block type, selfgreasing ball bearings, with ABMA STD 9 life at 50,000 hours.
  - B. Shafts: Hot rolled steel, ground and polished, with keyway, protectively coated with lubricating oil, and shaft guard.
  - C. Drive: Cast iron or steel sheaves, dynamically balanced, keyed. Variable and adjustable pitch sheaves for motors 15 hp (11.2 Kw) and drive rated as recommended by manufacturer or minimum 1.5 times nameplate rating of the motor.
- 2.06 ACCESSORIES
  - A. Inlet/Outlet Screens: Galvanized steel welded grid.
  - B. Motorized Backdraft Damper: 0.020 aluminum blades, 0.060 aluminum frame, aluminum hinge pins, brass bushings, non-overloading motor.

PART 3 EXECUTION

- 3.01 INSTALLATION
  - A. Install in accordance with manufacturer's instructions.
  - B. Provide safety screen where inlet or outlet is exposed.

END OF SECTION



ISSUED DATE	TYPE	DESIGN REVIEW
02/17/2026	DD	REVIEW SET
03/17/2026	SD	DEVELOPMENT PERMIT
05/22/2026	CD	REVIEW SET
06/15/2026	PD	PERMIT SET



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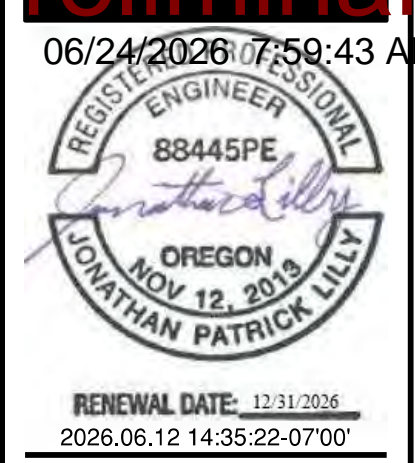
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 BEAVERTON, OR 97008

PERMIT SET 06.15.26

SPECIFICATIONS - MECHANICAL  
**M4.1**  
 JOB NO. 250200.01  
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ISSUED DATE	REVISION
1 02/17/2026	TYPE 3 DESIGN REVIEW
2 03/11/2026	DD REVIEW SET
3 05/06/2026	SITE DEVELOPMENT PERMIT
4 05/22/2026	PERMIT SET
5 06/15/2026	PERMIT SET

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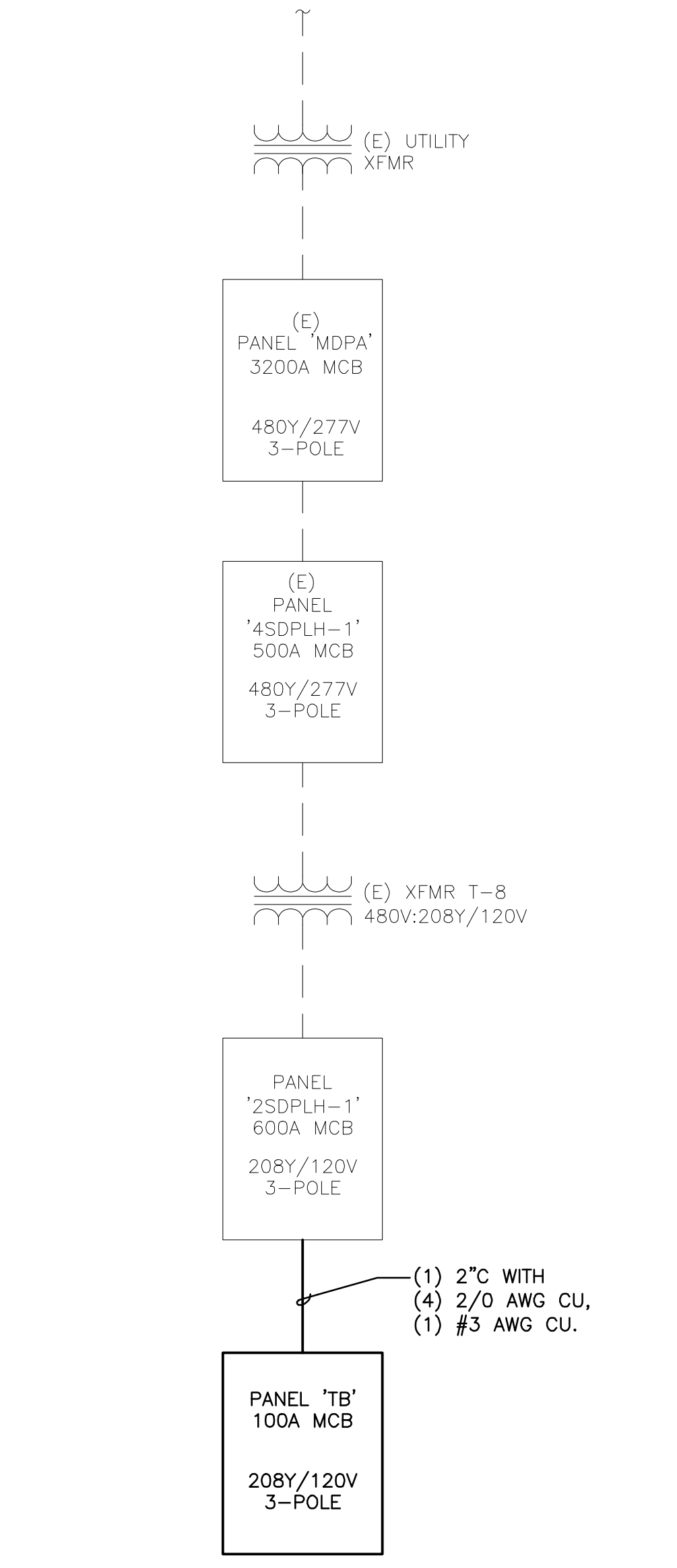
SCHEDULES, LEGENDS,  
AND DIAGRAMS -  
ELECTRICAL  
**E0.1**  
JOB NO. 250200.01  
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**GENERAL REQUIREMENTS**

- CONFORM TO CURRENT CODE INCLUDING OSSC, NEC, BUILDING CODE, AND LOCAL REQUIREMENTS.
- PROVIDE COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEMS AS SPECIFIED, AS SHOWN ON DRAWINGS, AS REQUIRED, AND AS INTENDED.
- EQUIPMENT SHALL BE NEW AND OF LIKE MATERIALS THROUGH AUTHORIZED DISTRIBUTORS. PROVIDE EQUIPMENT OF SAME SYSTEM AND TYPE BY SAME MANUFACTURER. EQUIPMENT SHALL BE LISTED FOR ITS USE AND SHALL MEET OREGON LISTING REQUIREMENTS. REFER TO OAR 918-306-00 FOR MORE INFORMATION ON OREGON LISTING REQUIREMENTS.
- WARRANTY WORK, MATERIALS, AND EQUIPMENT FOR NOT LESS THAN ONE-YEAR. THIS REQUIREMENT SHALL NOT LIMIT, RESTRICT, OR OTHERWISE LESSEN ANY WARRANTY PROVIDED BY EQUIPMENT MANUFACTURER'S STANDARD WARRANTY IF GREATER THAN ONE-YEAR.
- PROVIDE SUBMITTALS FOR ELECTRICAL EQUIPMENT. PROVIDE STANDARD CUT-SHEETS CLEARLY INDICATING MODELS TO BE INSTALLED.
- GROUND SYSTEMS PER NEC ARTICLE 250, AS INDICATED, AND AS SHOWN.
- SEE CIVIL FOR ADDITIONAL REQUIREMENTS.
- ALL ELECTRICAL WORK TO COMPLY WITH NFPA 70E ARC FLASH RULES, WHICH WILL INCLUDE AN ARC FLASH ANALYSIS AND ARC FLASH LABEL FOR THE CONTROLLER CABINET.
- UNLESS THE DISTRICT DETERMINES IN ITS SOLE DISCRETION THAT A CONTRACTOR'S ATTENDANCE IS NOT NECESSARY, CONTRACTORS WILL BE REQUIRED TO ATTEND A PRE-TASK MEETING WITH THE PROJECT MANAGER AND ELECTRICAL SUPERVISOR OR DESIGNEE TO DISCUSS THE HAZARDS AND SAFE WORK PROCEDURES FOR ALL ELECTRICAL WORK TO BE PERFORMED ON THE PROJECT.
- ELECTRICAL WORK SHALL BE PERFORMED UNDER ELECTRICALLY SAFE WORK CONDITIONS WITH LOCK-OUT TAG-OUT PER NFPA 70E. KEEP POWER DISRUPTIONS TO A MINIMUM AND NOTIFY OWNER IN ADVANCE OF POWER DISRUPTIONS.
- CALL U-DIG 811 AT LEAST 2-BUSINESS DAYS BEFORE DIG OR TRENCH PER OAR 952-001-0010 THROUGH -0090. SCAN & MARK SUGGESTED ROUTING FOR UTILITIES & IRRIGATION PRIOR TO TRENCHING ACTIVITIES; DO NOT DISTURB UTILITIES OR PIPING, AVOID CONFLICTS. WHERE FEASIBLE, MARK THE ANTICIPATED ROUTE(S) WITH WHITE PAINT; THIS HELPS LOCATING PERSONNEL FIND THE RIGHT AREA AND LOCATE NEARBY FACILITIES AS ACCURATELY AS POSSIBLE.

**SYMBOL LEGEND**

- (E) EXISTING TO REMAIN
- (F) FUTURE
- (N) NEW
- FC FOOTCANDLE
- TYP. TYPICAL
- LED WALL MOUNTED LUMINAIRE
- ▬ LINEAR LED SURFACE MOUNTED LUMINAIRE
- ⊗ ROUND LED SURFACE MOUNTED LUMINAIRE
- ⊙ EXISTING LED POLE MOUNTED LUMINAIRE TO REMAIN
- ⊗ LED SURFACE MOUNTED EXIT SIGN
- CONDUIT CONTINUED
- S=PVC SCHEDULE 40 CONDUIT SIZE (INCH)  
G=GROUND  
N=NUMBER OF TYPE XHHW CONDUCTORS  
X=CONDUCTOR SIZE  
Y=CIRCUIT NUMBER
- ⊗ EXISTING SITE LUMINAIRE
- ⊗ EQUIPMENT IDENTIFICATION. SEE EQUIPMENT CONNECTION SCHEDULE FOR FEEDER INFORMATION.
- ⊗ REFERENCE NOTE.
- ⊙ WALL SWITCH WITH DESIGNATOR α, MOUNT 38" AFF.
- ⊙ RECEPTACLE - DUPLEX, MOUNT 18" AFF, UON
- ⊙ RECEPTACLE - SPECIAL PURPOSE
- ⊙ RECEPTACLE - DOUBLE DUPLEX



**1 ONE-LINE DIAGRAM**  
E0.1 NO SCALE

INTERIOR PHOTOMETRIC SCHEDULE										
STATISTICS				TARGET VALUES		DESIGN VALUES				
DESCRIPTION	AREA	ZONE		AVERAGE	AVG/MIN	SYMBOL	AVERAGE	MAX	MIN	AVG/MIN
BAG STORAGE AREA	INDOOR	LOCKER ROOM		5 fc	2:1	+	13.9 fc	17.9 fc	7.5 fc	1.9:1
TICKET BOOTH	INDOOR	TRANSITION SPACE, SERVICE KIOSK, 3' AFF		20 fc	3:1	+	22.8 fc	32.5 fc	12.9 fc	1.8:1
STORAGE	INDOOR	STORAGE, INFREQUENT USE		5 fc	3:1	+	5.2 fc	13.8 fc	1.8 fc	2.9:1

NOTE: TARGET VALUES FROM ILLUMINATING ENGINEERING SOCIETY (IES) GUIDELINES.

LUMINAIRE SCHEDULE					
FIXTURE TYPE	DESCRIPTION	MOUNTING	LAMP TYPE	MANUFACTURER AND MODEL NUMBER	INPUT WATTS
'L1'	GEKKO WALL PACK 5000LM, 70 CRI, 3500K, TYPE IV WIDE DISTRIBUTION, WHITE FINISH	WALL	LED	COOPER, GKO-PB1E-735-U-T4W-NW	38.7
'L2'	TT TOPTIER ROUND SURFACE-MOUNTED LUMINAIRE, TYPE D1, 70 CRI, 3500K, MEDIUM DISTRIBUTION, WHITE FINISH	CEILING	LED	MCGRAW-EDISON, TT-D1-740-U-MQ	28
'L3'	5000 LM 4' MICROBAY LINEAR BAY WITH ROUND FROSTED LENS, 80CRI, 3500K CCT	CEILING	LED	COOPER, 4MB-5SL-RND-UNV-L835	35
'L4'	SAME AS 'L3', BUT 4000 LM, 2' LONG	CEILING	LED	COOPER, 2MB-4HL-RND-UNV-L835	27.6
'L5'	TR15 HIGH ABUSE 15" ROUND SURFACE-MOUNTED LUMINAIRE, EYELID STYLE, BLACK, OPAL LENS, 3500K, NO LOW VOLTAGE.	CEILING	LED	COOPER, T-R-E-15-LD4-40W-35-OPL-BK-UNV-ED-C1	40

NOTE:  
1. ALL LAMPS AND LEDS TO BE 3500K, UNLESS OTHERWISE NOTED.

EQUIPMENT CONNECTION SCHEDULE							
TAG	DESCRIPTION	LOCATION	LOAD	VOLT/PH	CIRCUIT	DISCONNECT	FEEDER
EF-1	EXHAUST FAN	STORAGE RM	1/3 HP	115V / 1PH	TB-9	20AS, 20AF	(2) 12 AWG (1) 12 GND IN 3/4" C.
SF-1	SUPPLY FAN	STORAGE RM	1.9 A	115V / 1PH	TB-8	20AS, 20AF	(2) 12 AWG (1) 12 GND IN 3/4" C.
HS-1	HYDROGEN SENSOR	STORAGE RM	0.5 A	120V / 1PH	TB-7	20AS, 20AF	(2) 12 AWG (1) 12 GND IN 3/4" C.

**DRAWING LIST**

- E0.1 SCHEDULES, LEGENDS, AND DIAGRAMS - ELECTRICAL
- E0.2 SCHEDULES - ELECTRICAL
- E1.1 SITE PLAN - ELECTRICAL
- E1.2 SITE PLAN - PHOTOMETRICS
- E2.1 FLOOR PLAN - ELECTRICAL
- E2.2 FLOOR PLAN - PHOTOMETRICS

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Project No.: 382.162.001 Contact: CHASE FIXLEY



RENEWAL DATE: 12/31/2026  
2026.06.12 14:36:07-0700'

ISSUED DATE	DESCRIPTION
1 02/17/2026	TYPE 3 DESIGN REVIEW
2 05/11/2026	DD REVIEW SET
3 05/02/2026	SITE DEVELOPMENT PERMIT
4 05/22/2026	PERMIT SET
5 06/15/2026	PERMIT SET

PANEL: TB		BUS: 100 A		DATE: 06/08/26		VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE				
FEEDER: SEE ONE-LINE DIAGRAM		MAIN BRKR: 100 A		MOUNTING: SURFACE						
CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	STORAGE SPACE INTERIOR RECEPTACLES (GFCI)	20/1	R	720	A	720	R	20/1	STORAGE SPACE INTERIOR RECEPTACLES (GFCI)	2
3	INTERIOR LIGHTING	20/1	L	157	B	457	L	20/1	EXTERIOR LIGHTING	4
5	GOLF CART RECEPTACLES	30/1	R	2280	C	228	M	20/1	SF-1	6
7	HS-1	20/1	Z	60	A	540	R	20/1	TICKET BOOTH INTERIOR RECEPTACLES	8
9	EF-1	20/1	LM	864	B	180	R	20/1	TICKET BOOTH DEDICATED RECEPTACLE	10
11					C					12
13					A					14
15					B					16
17					C					18
19					A					20
21					B					22
23					C					24

CONNECTED LOAD		NOTES.....	
LOAD PER PHASE (VA)	A= 2,040 VA B= 1,658 VA C= 2,508 VA	1.	
LOAD PER PHASE (AMPS)	A= 17.0 A B= 13.8 A C= 20.9 A	3.	
TOTAL LOAD (KVA)	6.2 KVA	5.	
TOTAL LOAD AMPS	17.2 A		

PANEL: 2SDPLH-1		BUS: 600 A		DATE: 05/10/26		VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE				
FEEDER: SEE ONE-LINE DIAGRAM		MAIN BRKR: 600 A		MOUNTING: SURFACE						
CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	SPACE				A				SPACE	2
3	---				B					4
5	---				C					6
7	PANEL AJK-1 KELLER CONCESSION	225/3	Z		A	1728	Z	100/3	PANEL TB TICKET BOOTH	8
9	---	---	Z		B	2198	Z	---		10
11	---	---	Z		C	2280	Z	---		12
13	2LH-4	225/3	Z		A		Z	225/3	2LH-2	14
15	---	---	Z		B		Z	---		16
17	---	---	Z		B		Z	---		18
19	2LG-1	225/3	Z		A		Z	225/3	2LH-3	20
21	---	---	Z		B		Z	---		22
23	---	---	Z		C		Z	---		24

CONNECTED LOAD		NOTES.....	
LOAD PER PHASE (VA)	A= 1,728 VA B= 2,198 VA C= 2,280 VA	1.	BOLDED LOADS ARE NEW
LOAD PER PHASE (AMPS)	A= 14.4 A B= 18.3 A C= 19.0 A	3.	
TOTAL LOAD (KVA)	6.2 KVA	5.	
TOTAL LOAD AMPS	17.2 A		

EXISTING SERVICE SIZE:	1000.00	kVA	100.00	AMPS @ 208V, 3-PH
PEAK DEMAND FOR LAST 12 MONTHS*:	507.78	kVA	1409.45	AMPS @ 208V, 3-PH
PEAK DEMAND x 1.25:	634.72	kVA	1761.81	AMPS @ 208V, 3-PH
AVAILABLE CAPACITY:	365.28	kVA	1409.45	AMPS @ 208V, 3-PH
LARGEST MOTOR LOAD	0.86	kVA	2.40	AMPS @ 208V, 3-PH
LIGHTING	0.61	kVA	1.70	AMPS @ 208V, 3-PH
RECEPTACLES	4.44	kVA	12.32	AMPS @ 208V, 3-PH
OTHER HVAC LOADS	0.29	kVA	0.80	AMPS @ 208V, 3-PH
NEW LOAD:	6.58	kVA	18.25	AMPS @ 208V, 3-PH
PEAK DEMAND x 1.25 + NEW LOAD:	641.30	kVA	2672.07	AMPS @ 208V, 3-PH

\*PEAK DEMAND PER POWER UTILITY RECORDS



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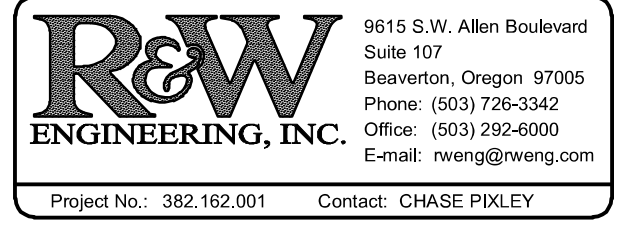
NEW CONSTRUCTION FOR  
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STORAGE SHED & TICKET BOOTH**  
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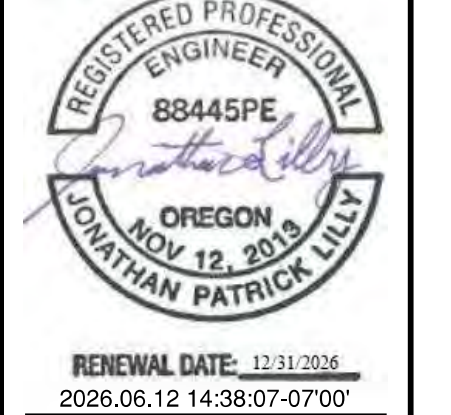
SCHEDULES - ELECTRICAL

**E0.2**

JOB NO. 250200.01

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ISSUED DATE	DESCRIPTION
1 05/17/2026	TYPE 3 DESIGN REVIEW
2 05/17/2026	DD REVIEW SET
3 05/06/2026	SITE DEVELOPMENT PERMIT
4 05/29/2026	DD REVIEW SET
5 06/15/2026	PERMIT SET

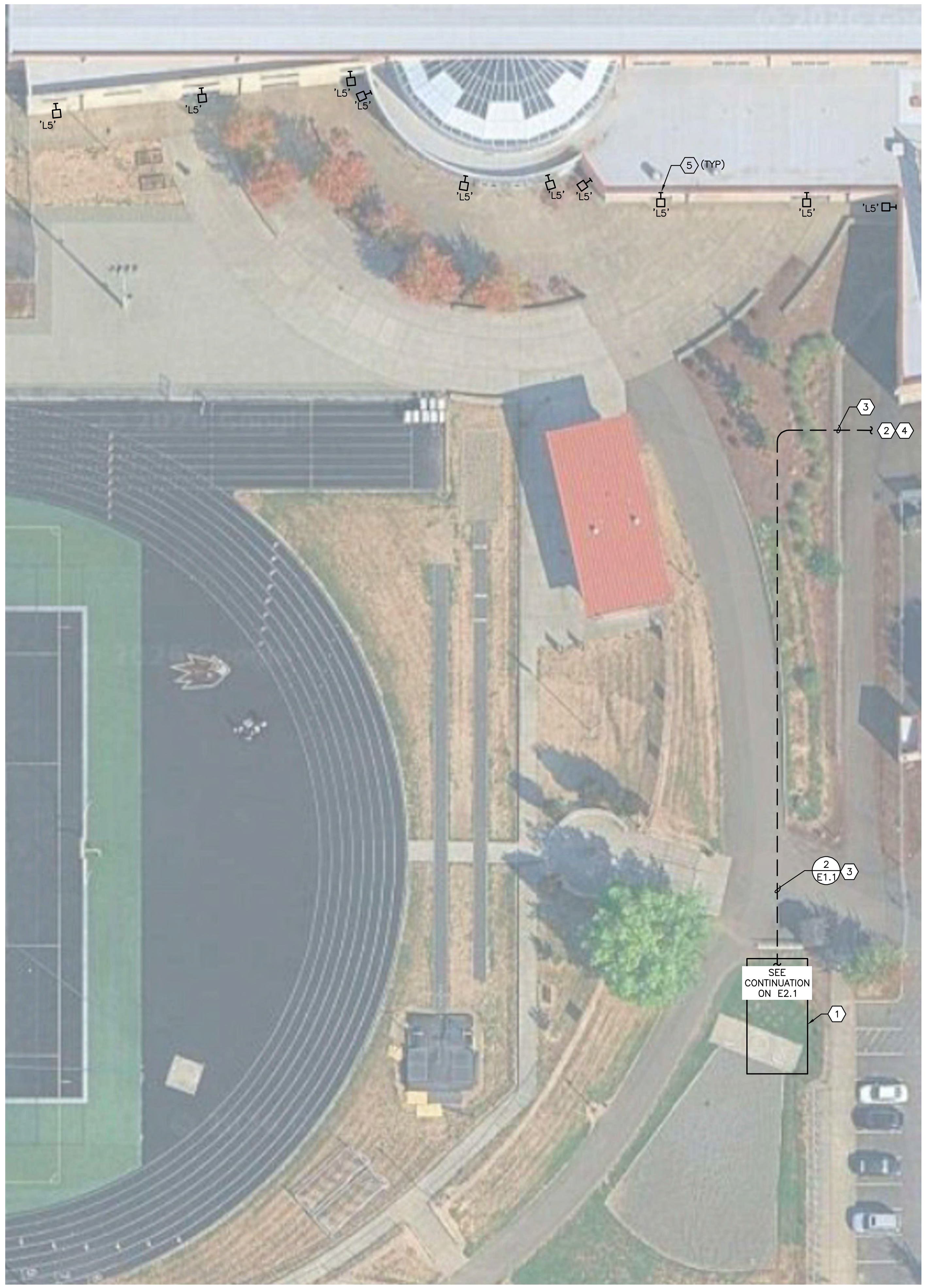
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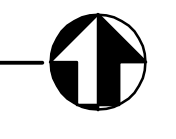
NEW CONSTRUCTION FOR  
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SITE PLAN - ELECTRICAL  
**E1.1**  
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PERMIT SET 06.15.26



**1**  
E1.1 SITE PLAN - ELECTRICAL  
NOT TO SCALE

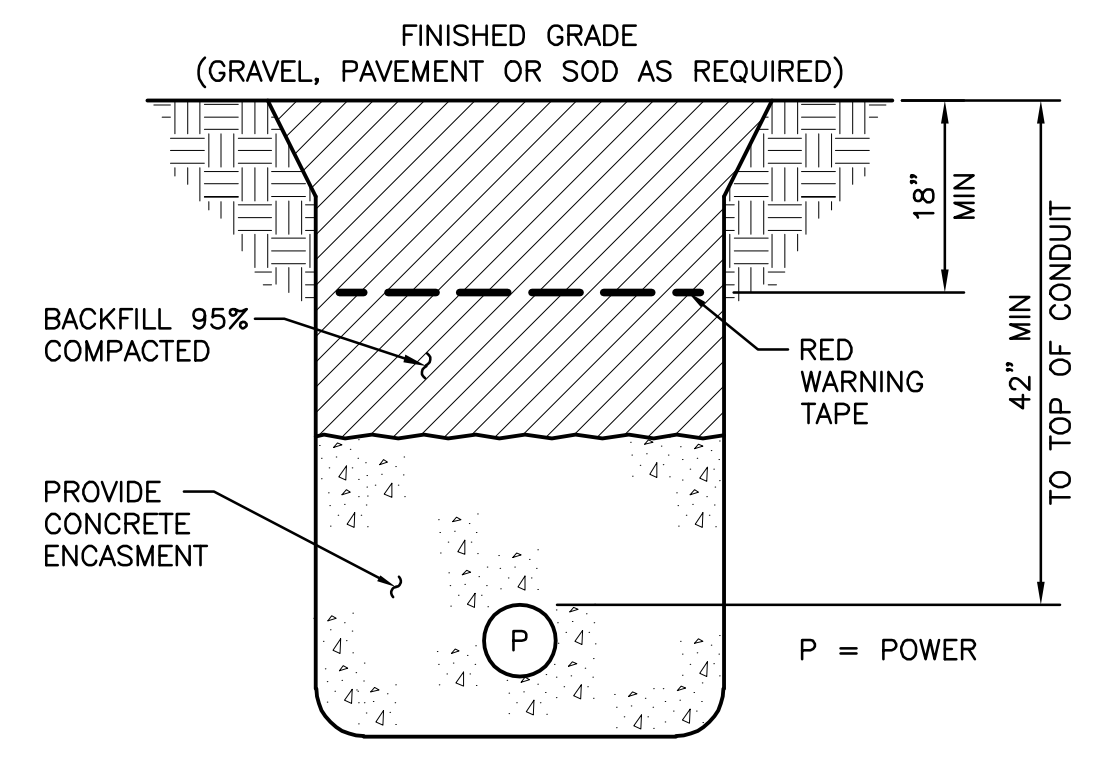


**GENERAL NOTES**

- A. SEE STRUCTURAL PACKAGE FOR BUILDING DESIGN.
- B. SEE SHEET E0.1 FOR ELECTRICAL ONE LINE DIAGRAM.

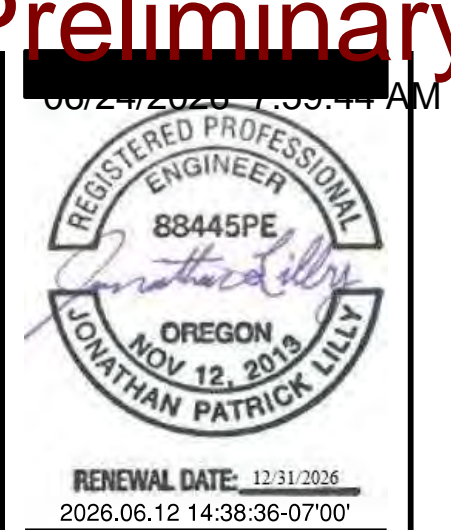
**KEYED NOTES**

- ① (N) TICKET BOOTH.
- ② CONTINUE TO PANEL '2SDPLH-1' IN EXISTING ELECTRICAL ROOM.
- ③ COORDINATE WITH OWNER PRIOR TO BORING OR TRENCHING THROUGH ASPHALT.
- ④ BUILDING PENETRATION MUST BE WEATHER TIGHT AND PRESERVE EXISTING FIRE RATING.
- ⑤ REPLACE TEN (10) EXISTING WALL-MOUNTED CIRCULAR LIGHTS ALONG SOUTH-FACING WALL WITH NEW L5 LUMINAIRE. REUSE EXISTING WIRING.



**2**  
E1.1 TRENCHING DIAGRAM  
NOT TO SCALE

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RENEWAL DATE: 12/31/2024  
2026.06.12 14:38:36-0700

ISSUED DATE	DESCRIPTION
1 02/17/2026	TYPE 3 DESIGN REVIEW
2 03/11/2026	DD REVIEW SET
3 03/02/2026	SITE DEVELOPMENT PERMIT
4 05/22/2026	DD REVIEW SET
5 06/15/2026	PERMIT SET

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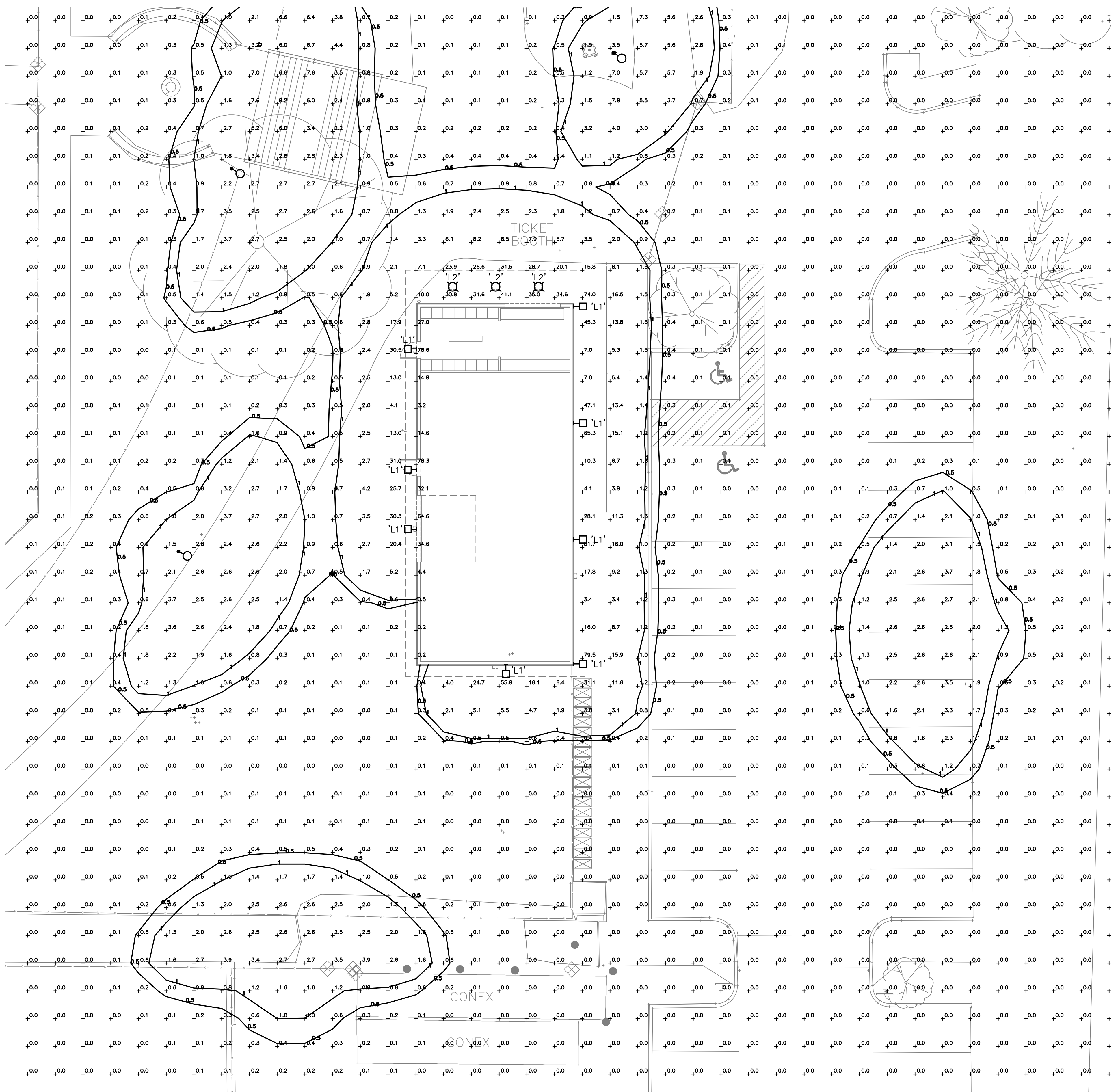
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NEW CONSTRUCTION FOR  
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STORAGE SHED & TICKET BOOTH**  
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SITE PLAN -  
PHOTOMETRICS  
**E1.2**  
JOB NO. 250200.01  
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**GENERAL NOTES**

- A. SEE SHEET E0.1 FOR LEGEND, ONE-LINE DIAGRAM AND LUMINAIRE SCHEDULE.



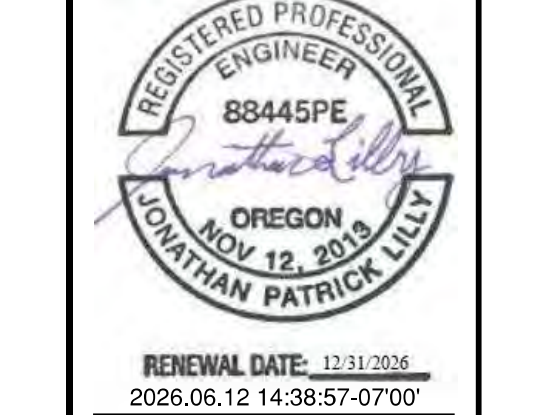
1 SITE PLAN - PHOTOMETRICS  
E1.2 SCALE: 1" = 10'-0"

		TARGET VALUES			DESIGN VALUES					
DESCRIPTION	AREA	AVERAGE	MIN	AVG/MIN	SYMBOL	AVERAGE	MAX	MIN	MAX/MIN	AVG/MIN
SIDEWALK E OF BUILDING	OUTDOOR	-	> 1.0 fc	-	+	15.0 fc	81.7 fc	1.0 fc	81.7:1	15.0:1

NOTE: TARGET VALUES FROM CITY OF BEAVERTON TECHNICAL GUIDELINES.

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PERMIT SET 06.15.26



ISSUED DATE	DESCRIPTION
1 07/17/2026	TYPE 3 DESIGN REVIEW
2 09/11/2026	DD REVIEW SET
3 09/29/2026	SITE DEVELOPMENT PERMIT
4 09/29/2026	CONTRACT SET
5 06/15/2026	PERMIT SET

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PERMIT SET 06.15.26

FLOOR PLAN - ELECTRICAL  
**E2.1**  
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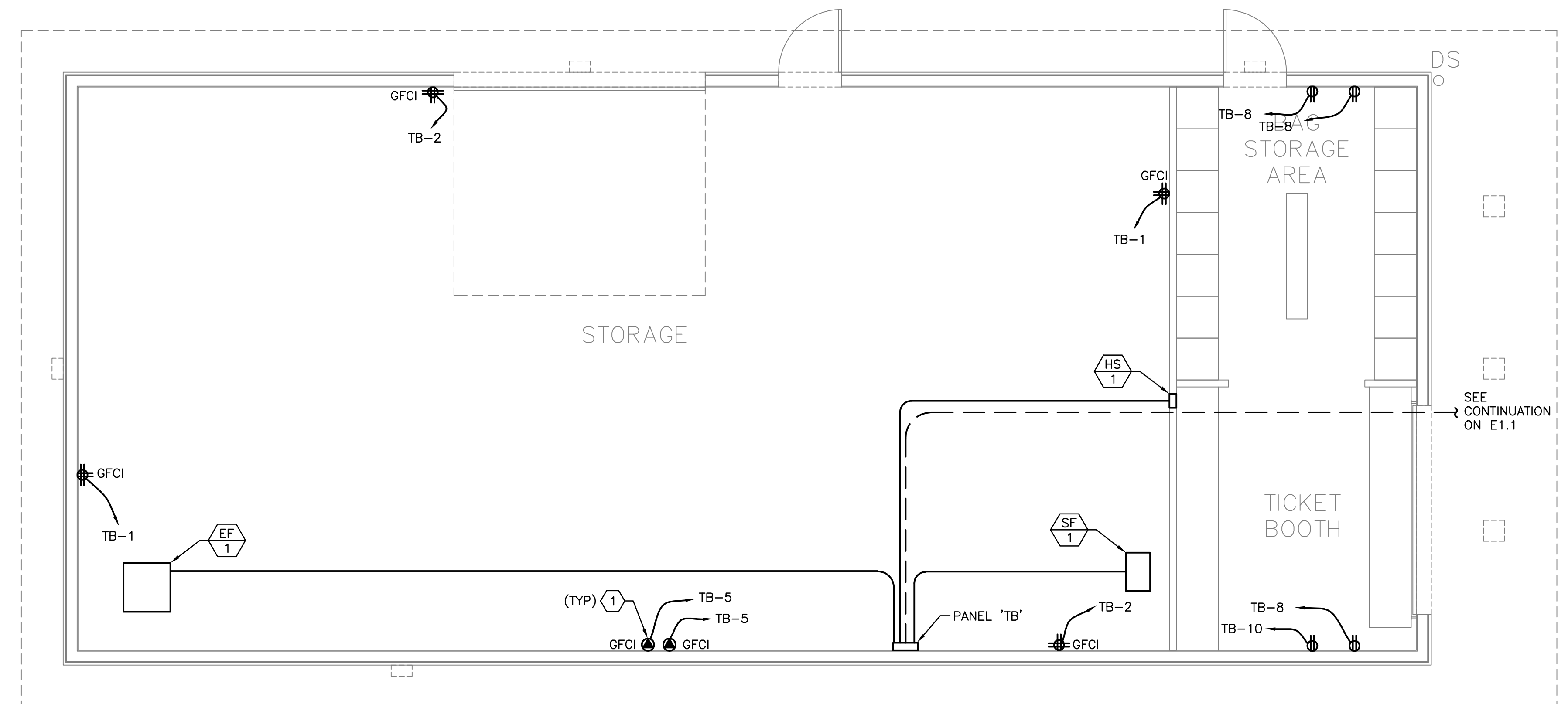
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**GENERAL NOTES**

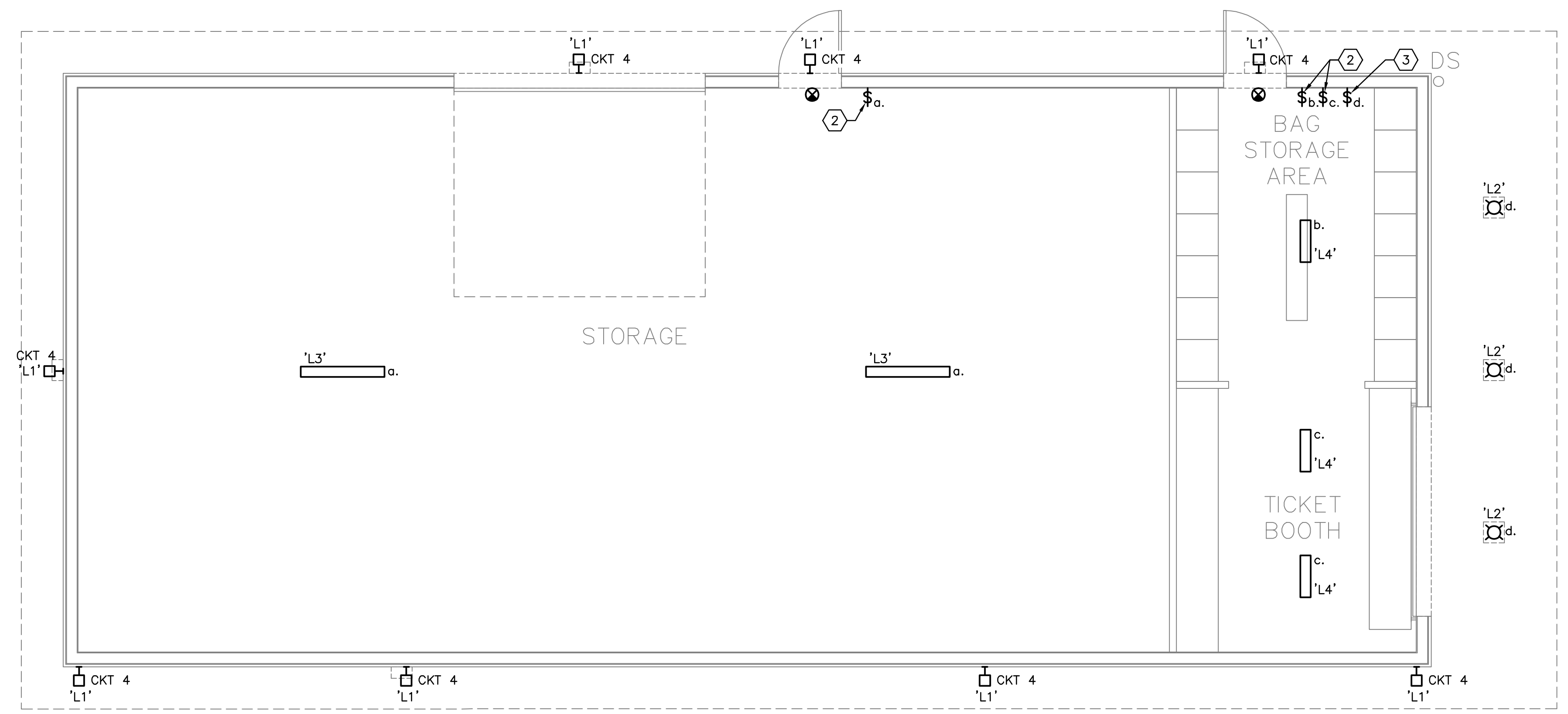
- A. SEE SHEET E0.1 FOR LEGEND, ONE-LINE DIAGRAM AND LUMINAIRE SCHEDULE.
- B. SEE SHEET E0.2 FOR PANEL SCHEDULES.
- C. ALL CIRCUITS ON THIS PAGE REFER TO PANEL 'TB', UNLESS OTHERWISE NOTED.

**KEYED NOTES**

- ① RECEPTACLES FOR GOLF CART CHARGING.
- ② PROVIDE AND INSTALL NEW SINGLE POLE LIGHT SWITCH CONNECTED TO CIRCUIT 3. SEE SWITCH DESIGNATIONS ON FLOOR PLAN FOR WHICH LIGHTS ARE CONTROLLED BY THIS SWITCH.
- ③ PROVIDE AND INSTALL NEW SINGLE POLE LIGHT SWITCH CONNECTED TO CIRCUIT 7. SEE SWITCH DESIGNATIONS ON FLOOR PLAN FOR WHICH LIGHTS ARE CONTROLLED BY THIS SWITCH.



1 FLOOR PLAN - ELECTRICAL  
E2.1 SCALE: 1/4" = 1'-0"



2 FLOOR PLAN - LIGHTING  
E2.1 SCALE: 1/4" = 1'-0"

R:\WP\382\_001\162\_250\_Southridge\_Architect\_Bldg\001\_Arch\DWG\E2.1.dwg Jun 12, 2026 - 1:30pm



RENEWAL DATE: 12/31/2026  
2026.06.12 14:37:51-0700

ISSUED DATE	DESCRIPTION
1 02/17/2026	TYPE 3 DESIGN REVIEW
2 03/11/2026	DD REVIEW SET
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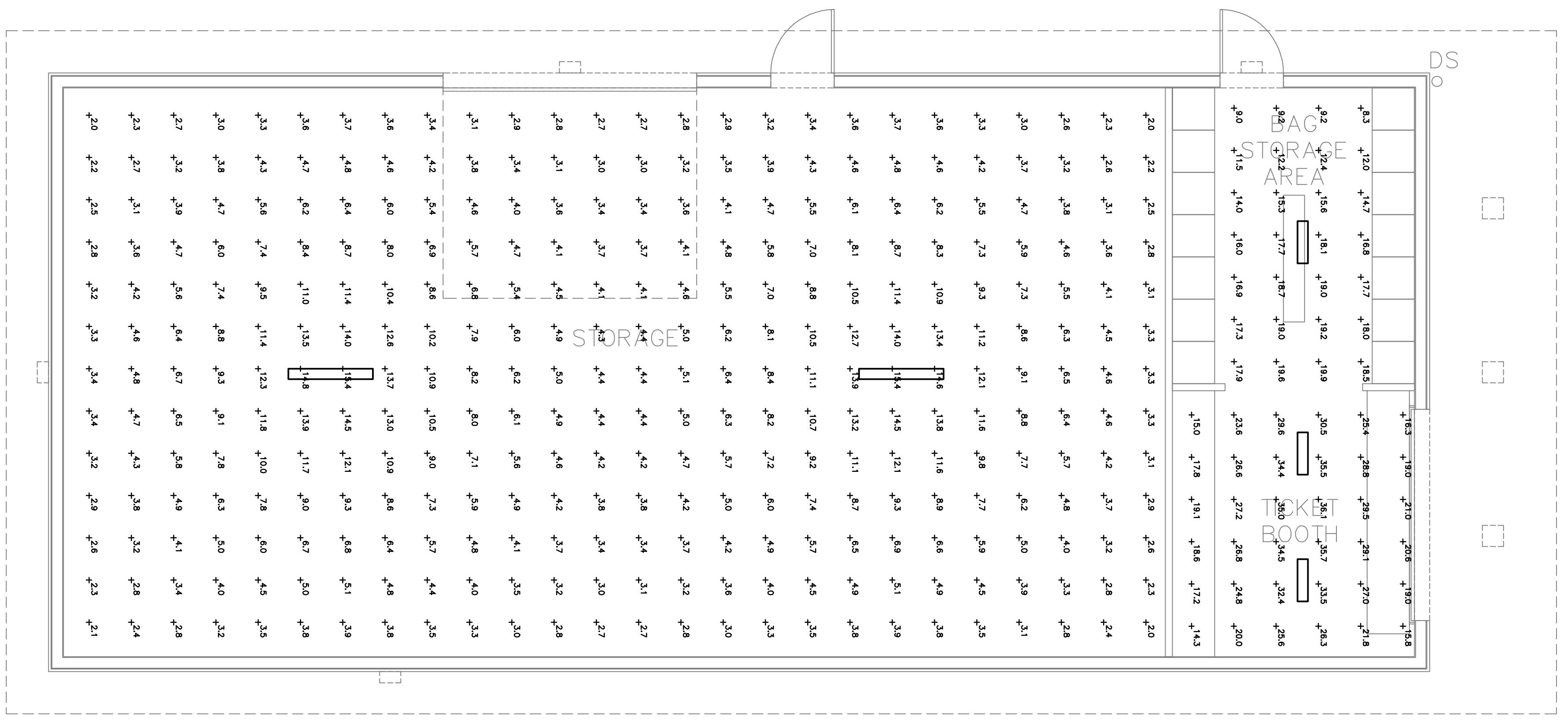
FLOOR PLAN -  
PHOTOMETRICS

**E2.2**

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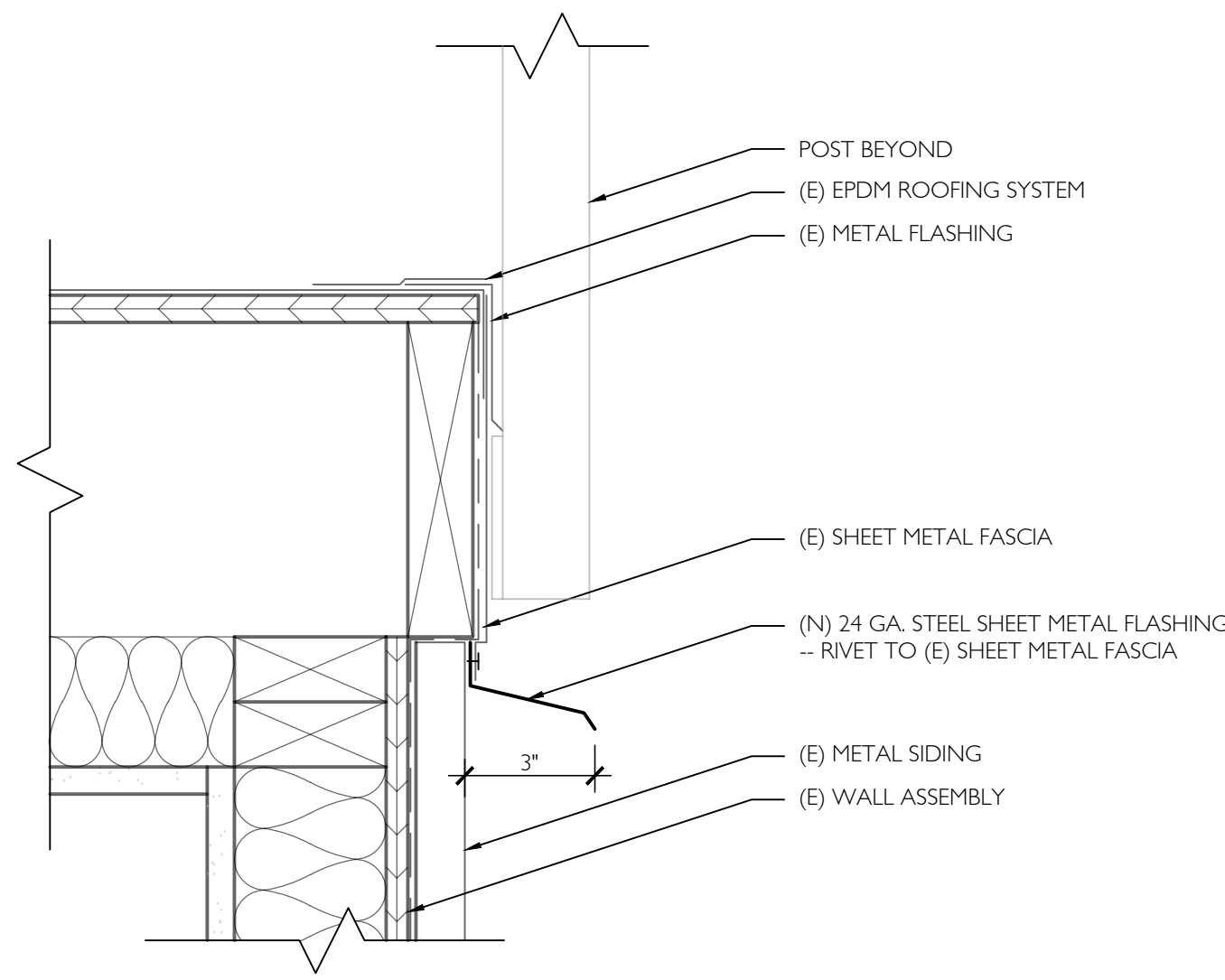
**GENERAL NOTES**

- A. SEE SHEET E0.1 FOR LEGEND, ONE-LINE DIAGRAM AND LUMINAIRE SCHEDULE.

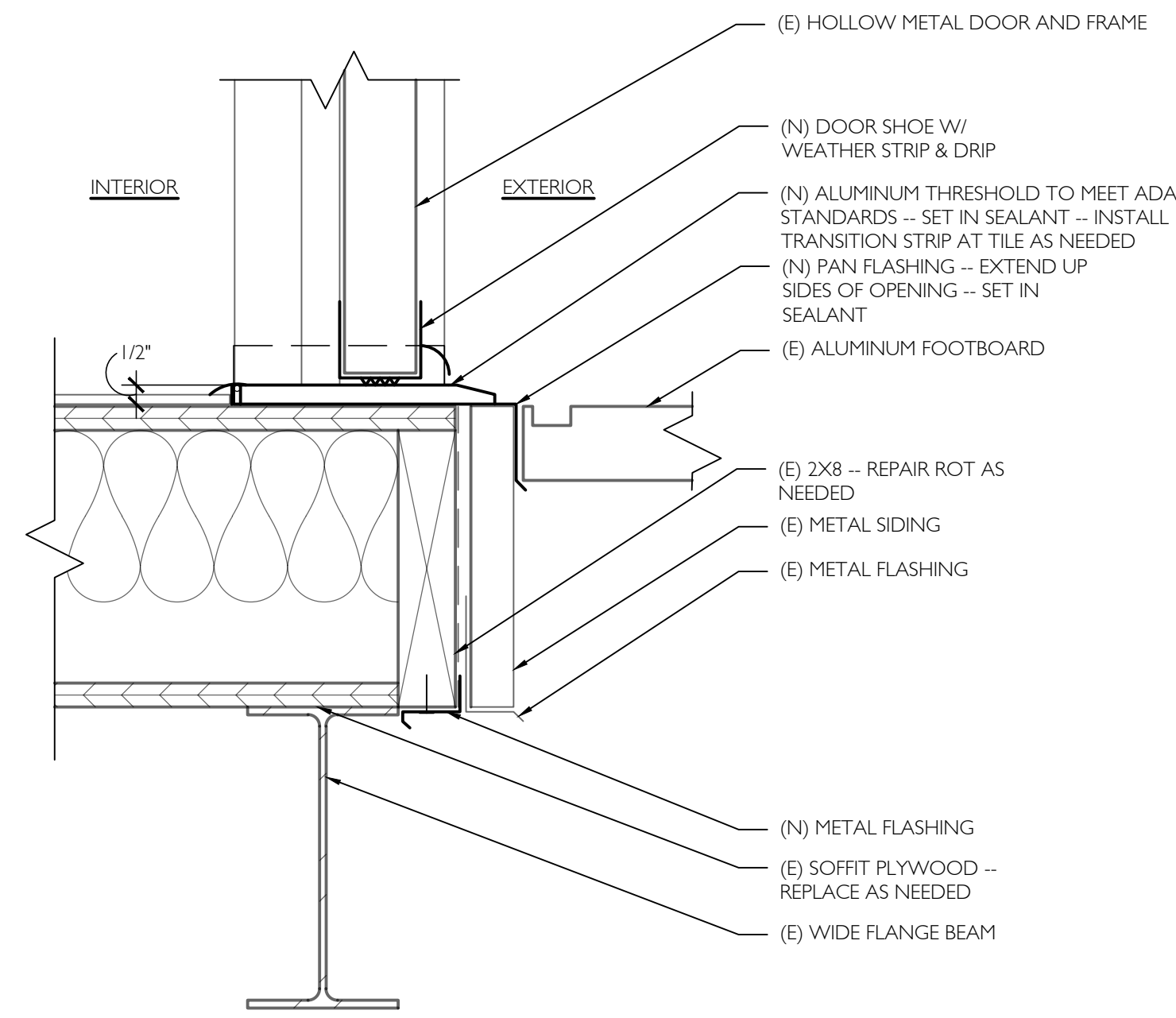


**1**  
**E2.2 FLOOR PLAN - PHOTOMETRICS**  
SCALE: 1/4" = 1'-0"

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**1**  
**A7.1** FLASHING DETAIL  
 3" = 1'-0"



**2**  
**A7.1** DOOR THRESHOLD DETAIL  
 3" = 1'-0"



06/12/2026

REPAIRS  
 PRESS BOX DETAILS



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PRESS BOX DETAILS

**A7.1**

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