# WILLAMETTE UNIVERSITY

# BEARCAT SOFTBALL FIELD IMPROVEMENTS

## CAMERON **McCARTHY** andscape Architecture & Planning

60 E Broadway, Eugene, OR 97401 33 SW 2nd Avenue, Ste. 410, Portland, OR 97204

www.cameronmccarthy.com

# PROJECT TEAM

#### **OWNER**

#### **WILLAMETTE UNIVERSITY**

900 State Street Salem, Oregon 97301 Contact: Mark Mazurier Phone: 503.370.6532

#### **CONSTRUCTION MANAGER** / GENERAL CONTRACTOR

#### **BENCHMARK CONSTRUCTION**

5809 Jean Road Lake Oswego, OR 97035 Contact: Kelly Fitzpatrick Phone: 503.780.9760

#### LANDSCAPE ARCHITECT

#### **CAMERON MCCARTHY** LANDSCAPE ARCHITECTURE & PLANNING LLP

160 East Broadway Eugene, OR 97401

Contact: Matthew Koehler, PLA, ASLA

Phone: 541.485.7385

#### **CIVIL ENGINEER**

#### MAZZETTI, INC.

940 Willamette Street, Ste. #310 Eugene, OR 97401 Contact: Geoff Larsen, PE Phone: 503.601.5968

#### MAZZETTI, INC.

#### **SURVEYOR**

#### **BARKER SURVEYING**

2657 Kashmir Way SE Salem, OR 97317 Phone: 503.588.8800

#### **ELECTRICAL ENGINEER**

121 SW Salmon Street, Ste. 1000 Portland, OR 97204 Contact: Tuan Tran, PE Phone: 503.601.5970

# SHEET LIST

### **GENERAL**

CS.00 Cover Sheet V1.00 Topographic Survey

CE1.00 ESCP Cover Sheet

#### CIVIL ENGINEERING

CE1.01 ESCP Notes CE1.02 ESCP Existing Conditions CE1.03 ESCP Clearing and Grading CE1.04 ESCP Utilities CE1.05 ESCP Vertical Construction CE1.06 ESCP Final Stabilization CE1.07 ESCP Erosion & Sediment Control Details CLR

### C0.01 Utility Demolition Plan

C1.00 Utility Plan

C2.00 Civil General Notes, Legend and Details

C2.01 Civil Details

C2.02 Civil Details

#### LANDSCAPE ARCHITECTURE

L0.00 Tree Protection and Removal Plan Landscape Demolition Plan

L1.00 Site Plan L1.01 Site Fencing Plan

L1.02 Pedestrian Circulation Plan

L3.00 Grading Plan

L4.00 Subgrade Drainage Plan

L6.00 Planting Plan

L7.01 Illustrative Field Plan

L8.06 Site Renderings

#### ELECTRICAL ENGINEERING

E0.01 Electrical Symbol and Legends E0.02 One-Line Diagram and Schedule

E1.01 Electrical Demolition Plan

E2.01 Electrical Plan

### LIST OF ABBREVIATIONS

See Civil for abbreviations pertaining to subgrade utilities

Area Drain AD Approximate Approx Architect Arch Balled and Burlapped B&B Bottom of Curb

Building **BLDG Bottom of Ramp** BR

Bottom of Step/Stair **Bottom of Wall** BW CAL Caliper

Catch Basin CB CF **Cubic Feet** Clearance Centerline Cast in Place CIP

CRZ Critical Root Zone CY Cubic Yard

DBH Diameter at Breast Ht. DD Deck Drain

DEG Degree DIA Diameter (E) Existing

EQ.

Equal Finish Floor Elevation Finished Grade

Flow Line Finished Surface

Gauge GUT Gutter **High Point** 

HPS High Point Swale HT

Height I.D

**Inner Dimension** Linear Feet LP **Low Point** Manhole  $\mathsf{MH}$ NIC

Not in Contract NTE Not To Exceed NTS Not to Scale On Center **Outer Dimension**  $\mathsf{PL}$ 

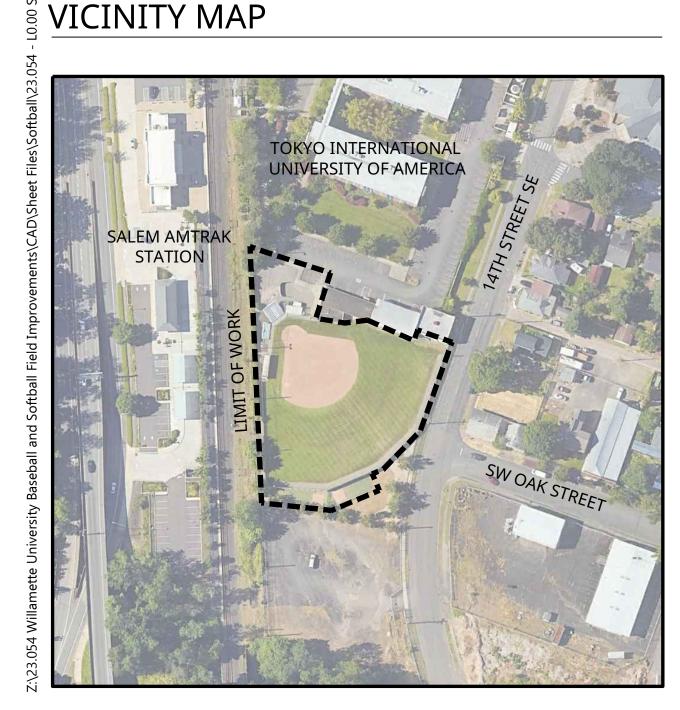
**Property Line** POB Point of Beginning POC Point of Connection

Radius **REINF** Reinforced

VM

ROW Public Rights-of-Way Storm Drain Square Feet Standard Top of Curb Trench Drain TD Top of Footing Top of Ramp Top of Step/Stair Top of Wall TW TYP Typical

Verify Match



### PROJECT DESCRIPTION

Replacement of existing Natural Grass field with Synthetic Turf and field underdrainage system. Project scope also includes the addition of field lighting, protective netting, bicycle racks, and additional fencing.



# ALLENT $\mathbf{\Omega}$ BI FIE

UNIVERSITY , Salem, OR 97

STAMP INFORMATIC Checked:

CG/CMR Drawn By: Checked 23.054 Project #: Date:

03.24.2025

LAND USE

SHEET TITLE

**COVER** SHEET

SHEET #

CS.00

Landscape Architecture & Planning

160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385 www.cameronmccarthy.com

# BEARCAT SOFTBALL FIELD IMPROVEMENTS

Checked: CG
Drawn By: CG/CMR
Checked: MK
Project #: 23.054
Date: 03.24.2025

Rev. #: Date:

LAND USE

SHEET TITLE

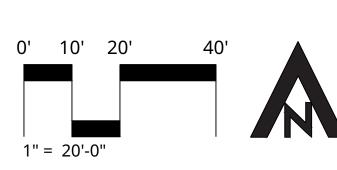
TOPOGRAPHIC SURVEY

SHEET #

V1.00

TOPOGRAPHIC SURVEY NOTES

 ALL SURVEY INFORMATION PROVIDED BY: BARKER SURVEYING 2657 Kashmir Way SE Salem, OR 97317



1. INCLUDE A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND

- 3. INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. (SECTION 6.5.g)
- 4. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. (SECTION 4.7)
- 5. THE PERMIT REGISTRANT MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED N THE ESCP IS A VIOLATION OF THE PERMIT. (SECTIONS 4 AND 4.11)
- 6. THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. (SECTION 4.8)

2.2.14)

- 7. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT WITHIN 10 DAYS. (SECTION 4.9)
- 8. SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SECTION 2.2.2)
- 9. CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING CONTROLS AND PONDING. (SECTION 2.2.3)
- 10. IDENTIFY, MARK, AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (e.g., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SECTION 2.2.1)
- 11. PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SECTION 2.2.5)
- 12. MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN THE 50-FEET OF WATERS OF THE STATE. (SECTION 2.2.4)
- 13. INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL AS ALL SEDIMENT BASINS, TRAPS, AND BARRIERS PRIOR TO LAND DISTURBANCE. (SECTION 2.1.3)
- 14. CONTROL BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNELS AND STREAMBANKS. (SECTIONS 2.1.1 AND 2.2.16)
- 15. CONTROL SEDIMENT AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY. (SECTIONS 2.2.6 AND 2.2.13)
- 16. ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SECTION
- 17. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATIONS MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UNVEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS. (SECTIONS 2.2.20 AND 2.2.21)
- 18. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SECTION 2.3.7)
- 19. KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (e.g., A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY ÈFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (e.g., SECONDARY CONTAINMENT). (SECTION 2.3.7)
- 20. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPs SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPs MUST BE IN PLACE PRIOR TO LAND DISTURBING ACTIVITIES. (SECTION 2.2.7)
- 21. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SECTION 2.2.7.f)
- 22. CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE, i.e., CONCRETE WASH-OUT, WASTEWATER FROM CLEANOUT OF STUCCO, PAINT AND CURING COMPOUNDS. (SECTIONS 1.5 AND 2.3.9)
- 23. ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING ARE NOT DISTURBED. (SECTION 2.2.10)
- 24. PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION FACILITIES ARE TO BE INSTALLED. (SECTION 2.2.12)
- 25. USE BMPs TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES, AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. (SECTIONS 2.2.15 AND 2.3)
- 26. PROVIDE PLANS FOR SEDIMENTATION BASINS THAT HAVE BEEN DESIGNED PER SECTION 2.2.17 AND STAMPED BY AN OREGON PROFESSIONAL ENGINEER. (SEE SECTION 2.2.17.a)
- 27. IF ENGINEERED SOILS ARE USED ON SITE, A SEDIMENTATION BASIN/IMPOUNDMENT MUST BE INSTALLED. (SEE SECTIONS 2.2.17 AND 2.2.18)
- 28. PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE DUE TO SHALLOW EXCAVATION ACTIVITIES. (SEE SECTION 2.4)
- 29. IMPLEMENT THE FOLLOWING BMPs WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE
- 30. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SECTION 2.2.9)
- THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (SECTION 2.3.5)
- 32. IF AN ACTIVE TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OF OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN ENVIRONMENTAL MANAGEMENT PLAN APPROVAL FROM DEQ BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (SECTION 1.2.9)
- 33. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SECTION 2.2)
- 34. AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPs MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (SECTION 2.2.8)
- 35. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SECTION 2.1.5.b)
- 36. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. (SECTION 2.1.5.c)
- 37. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (SECTION 2.1.5.d)
- 38. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PREFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIMEFRAME. (SECTION 2.2.19.a)
- 39. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (SECTION 2.2.19)
- 40. DOCUMENT ANY PORTION(S) OF THE SITE WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS. (SECTION 6.5.f)
- 41. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SECTION 2.2.20)
- 42. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS NEEDED FOR LONG TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE. (SECTION 2.2.21)

INSPECTION FREQUENCY				
SITE CONDITION	MINIMUM FREQUENCY			
1. ACTIVE PERIOD	ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES COMMENCE.			
	WITHIN 24 HOURS OF ANY STORM EVENT, INCLUDING RUNOFF FROM SNOW MELT, THAT RESULTS IN DISCHARGE FROM THE SITE.			
	AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURING.			
<ol> <li>INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS.</li> </ol>	THE INSPECTOR MAY REDUCE THE FREQUENCY OF INSPECTIONS IN ANY AREA OF THE SITE WHERE THE STABILIZATION STEPS IN SECTION 2.2.20 HAVE BEEN COMPLETED TO TWICE PER MONTH FOR THE FIRST MONTH, NO LESS THAN 14 CALENDAR DAYS APART, THEN ONCE PER MONTH.			
3. PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER.	IF SAFE, ACCESSIBLE AND PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT DISCHARGE POINT OR DOWNSTREAM LOCATION OF THE RECEIVING WATERBODY.			
4. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE SUSPENDED AND RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE TEMPORARILY SUSPENDED. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.			
5. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE CONDUCTED AND RUNOFF IS UNLIKELY DURING FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE REDUCED TO ONCE A MONTH. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.			

- \* ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS
- \* INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS \* RETAIN A COPY OF THE ESC PLAN AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ. AGENT. OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7)
- CONSECUTIVE CALENDAR DAYS, RETAIN THE ESC PLAN AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION. REVISIONS TO THE APPROVED ESC PLAN MUST BE SUBMITTED TO DEQ OR AGENT IN ACCORDANCE WITH CURRENT 1200-C PERMIT.

THE PERMITTEE IS REQUIRED TO MEET ALL OF THE CONDITIONS OF THE 1200-C PERMIT. THIS ESC PLAN AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200-C PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200-C PERMIT REQUIREMENTS SUPERCEDE THE REQUIREMENTS

SHEET INDEX

CE1.01

CE1.02

CE1.03

CE1.04

CE1.05

CE1.06

CE1.07

ESCP COVER SHEET

ESCP - UTILITIES

ESCP — EXISTING CONDITIONS

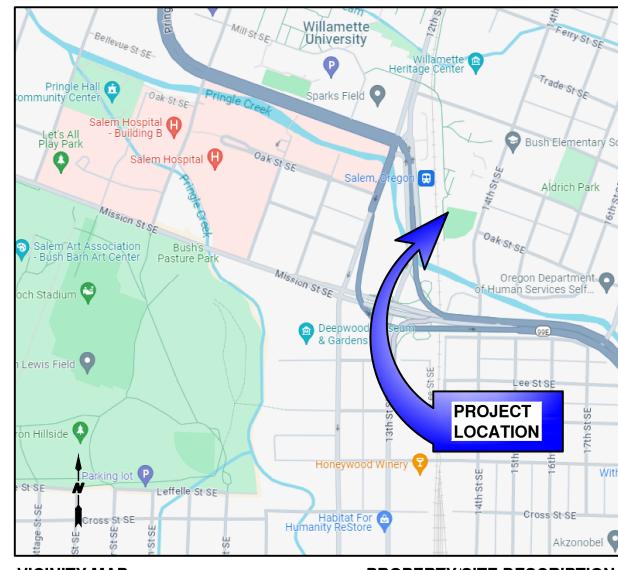
ESCP - FINAL STABILIZATION

ESCP - CLEARING AND GRADING

ESCP - VERTICAL CONSTRUCTION

EROSION AND SEDIMENT CONTROL DETAILS

ESCP NOTES



#### VICINITY MAP NO SCALE

PROJECT LOCATION 605 14TH STREET SE, SALEM, OR MARION COUNTY, OREGON LATITUDE= 44.93153°, LONGITUDE= 123.02742°

#### PROPERTY/SITE DESCRIPTION

TAX LOTS 2300 & 2403 (MARION COUNTY TAX MAP 07-3W-26CB LOCATED IN THE SW 1/4 OF SECTION 26, TOWNSHIP 7 SOUTH, RANGE 3 WEST, WILLAMETTE MERIDIAN, MARION COUNTY, OREGON

TOTAL SITE AREA = 1.25 ACRES TOTAL DISTURBED AREA = 1.00 ACRES

#### OWNER'S REPRESENTATIVE

OWNER: WILLAMETTE UNIVERSITY CONTACT: MARK MAZURIER 900 STATE STREET SALEM, OR 97301 PHONE: 503-370-6532

#### **ENGINEERING FIRM**

CONTACT: GEOFF LARSEN, PE 940 WILLAMETTE STREET, SUITE 310 EUGENE, OR 97401 PHONE: 541-335-8746

#### **ESCP PREPARER**

MAZZETTI CONTACT: MIKAEL SHIELDS, PE 940 WILLAMETTE STREET, SUITE 310 EUGENE, OR 97401 PHONE: 541-335-8740

#### **SURVEYOR**

BARKER SURVEYING CONTACT: BRAD HARRIS, PLS 3657 KASHMIR WAY, SE SALEM, OR 97317 PHONE: 503-588-8800

#### **GEOTECHNICAL ENGINEER**

CONTACT: SCOTT MCDEVITT, PE, GE 9450 SW COMMERCE CIRCLE, SUITE 300 WILSONVILLE, OR 97070 PHONE: 503-968-8787

#### GENERAL CONTRACTOR

BENCHMARK CONTRACTING, INC. CONTACT: KELLY FITZPATRICK 5809 JEAN ROAD LAKE OSWEGO, OR 97035 PHONE: 503-780-9760

### SITE CONTRACTOR/BMP INSTALLER

#### **AND MAINTAINER**

BENCHMARK CONTRACTING, INC. CONTACT: KELLY FITZPATRICK 5809 JEAN ROAD LAKE OSWEGO, OR 97035 PHONE: 503-780-9760

# **EROSION AND SEDIMENT CONTROL MANAGER:**

COMPANY/AGENCY: BENCHMARK CONTRACTING INC. PHONE: (503) 780-9760

E-MAIL: KELLY@BENCHMARK-PDX.COM DESCRIPTION OF EXPERIENCE: Certified Erosion and Sediment Control Lead (CESCL) certification number ECO-3-11072212, expires 11/07/2025

BEGINNING JANUARY 1, 2017 EROSION CONTROL INSPECTORS MUST HAVE CERTIFICATION THROUGH A PROGRAM APPROVED BY DEQ.

CONTRACTOR'S ESCM INFORMATION SHALL BE PROVIDED AT THE REQUIRED PRE-CONSTRUCTION MEETING / INSPECTION.

#### RAIN GAUGE:

NOAA - SALEM AIRPORT, 1921 TURNER ROAD SE, SALEM, OR LAT. 44.907532 LONG. -123.001928

# SITE INFORMATION:

- TYPE OF DEVELOPMENT: SPORTS FIELD RENOVATION
- CONSTRUCTION ACTIVITY WILL CONSIST OF:
- A. SITE EXCAVATION AND GRADING B. UTILITY CONSTRUCTION
- C. VERTICAL CONSTRUCTION (FENCING, NETTING, AND FIELD LIGHTS) D. PAVEMENT CONSTRUCTION, LANDSCAPING AND FINAL STABILIZATION
- PROJECT TIMELINE: E. START: MAY 2025
- F. FINISH: DECEMBER 2025

#### NARRATIVE DESCRIPTIONS

**EXISTING SITE CONDITIONS** SITE CONSISTS OF 1.30 ACRES OF DEVELOPED PLAYING FIELDS ON THE WILLAMETTE UNIVERSITY CAMPUS.

#### **DEVELOPED CONDITIONS**

SOIL GROUP C/D

SITE CONSISTS OF 1.30 ACRES OF REDEVELOPED PLAYING FIELDS..

#### SITE SOIL CLASSIFICATION

(PER SOIL SURVEY OF MARION COUNTY AREA, OREGON) Ck CLACKAMAS GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES - HYDROLOGIC Sa SALEM GRAVELLY SILT LOAM, O TO 3 PERCENT SLOPES — HYDROLOGIC

WILLAMETTE RIVER VIA PRINGLE CREEK VIA PUBLIC STORM DRAIN SYSTEM.

RECEIVING WATER BODIES

SHEET TITLE **COVER SHEET** 

LAND USE

Landscape Architecture & Planning

160 E Broadway, Eugene, OR 97401

940 Willamette Street, Suite

Project Number: 023-000175

Eugene, OR 97401 TEL: 541.686.8478

www.mazzetti.com

, Ш

МШ

STAMP

Checked:

Drawn By:

Checked:

Project #:

Date:

Rev. #:

90

GTL

MDS

023-000175

03.24.2025

541-485-7385

www.cameronmccarthy.com

133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

CE1.00

SHEET #

# BMP MATRIX FOR CONSTRUCTION PHASES

### REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENSIVE LIST OF AVAILABLE BMP'S.

	CLEARING AND GRADING MAY-SEPTEMBER	UTILITY INSTALLATION JULY-SEPTEMBER	VERTICAL CONSTRUCTION SEPTEMBER - OCTOBER	FINAL STABILIZATION SEPTEMBER - DECEMBER
EROSION PREVENTION			L	
PRESERVE NATURAL VEGETATION	** X	x	X	X
GROUND COVER	Х	х	X	X
HYDRAULIC APPLICATIONS				
PLASTIC SHEETING				
MATTING				
DUST CONTROL	Х	x	x	x
TEMPORARY/ PERMANENT SEEDING				х
BUFFER ZONE				
OTHER:				
SEDIMENT CONTROL				
SEDIMENT FENCE (PERIMETER)	** X	x	x	x
SEDIMENT FENCE (INTERIOR)	Х	x	x	x
STRAW WATTLES				
FILTER BERM	Х	X	X	Х
INLET PROTECTION	** X	X	X	Х
DEWATERING				
SEDIMENT TRAP				
NATURAL BUFFER ENCROACHMENT				
OTHER:				
RUN OFF CONTROL				
CONSTRUCTION ENTRANCE	** X	x	x	X
PIPE SLOPE DRAIN				
OUTLET PROTECTION		X	X	Х
SURFACE ROUGHENING				
CHECK DAMS				
OTHER:				
POLLUTION PREVENTION				
PROPER SIGNAGE	Х	X	X	X
HAZ WASTE MGMT	Х	x	X	X
SPILL KIT ON-SITE	Х	X	X	X
CONCRETE WASHOUT AREA		X	X	X
OTHER:				

SIGNIFIES ADDITIONAL BMP'S REQUIRED FOR WORK WITHIN 50' OF WATER OF THE STATE.

\*\* SIGNIFIES BMP THAT WILL BE INSTALLED PRIOR TO ANY GROUND DISTURBING ACTIVITY.

### RATIONALE STATEMENT

A COMPREHENSIVE LIST OF AVAILABLE BEST MANAGEMENT PRACTICES (BMP) OPTIONS BASED ON DEQ'S GUIDANCE MANUAL HAS BEEN REVIEWED TO COMPLETE THIS EROSION AND SEDIMENT CONTROL PLAN. SOME OF THE ABOVE LISTED BMP'S WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION PREVENTION AND SEDIMENT CONTROL FOR THIS PROJECT BASED ON SPECIFIC SITE CONDITIONS, INCLUDING SOIL CONDITIONS TOPOGRAPHIC CONSTRAINTS, ACCESSIBILITY TO THE SITE, AND OTHER RELATED CONDITIONS, AS THE PROJECT PROGRESSES AND THERE IS A NEED TO REVISE THE ESC PLAN, AN ACTION PLAN WILL BE SUBMITTED.



#### **STOCK PILES**

- STOCK PILES OF NATIVE SOILS AND/OR FILL MATERIALS SHALL NOT BE EXPOSED TO THE WEATHER WITHOUT PROVISIONS OF SECONDARY CONTAINMENT AND TREATMENT MEASURES AS OUTLINED BELOW.
- SECONDARY CONTAINMENT SHALL CONSIST OF INSTALLED BIO BERM AND/OR CONTAINMENT DITCH AT TOE OF SLOPE AROUND STOCKPILE PERIMETER. BERM AND/OR DITCH SHALL BE OF SUFFICIENT SIZE TO CONTAIN STOCKPILED MATERIALS IN PLACE.
- STOCK PILES ON SITE DURING WET WEATHER SEASON (OCTOBER 1 THROUGH APRIL 30) SHALL BE COVERED WITH 6 MIL (MIN. THICKNESS) POLYETHYLENE PLASTIC SHEETING. SHEETING SHALL BE INSTALLED AND MAINTAINED TIGHTLY IN PLACE USING APPROVED ANCHORING SYSTEM ON A 10' (MAX) GRID SPACING IN ALL DIRECTIONS. ALL SEAMS BETWEEN ADJACENT SHEETS SHALL BE LAPPED 12" (MIN) AND TAPED OR WEIGHTED DOWN FULL LENGTH OF SEAM. FOR SEAMS PARALLEL TO THE SLOPE CONTOUR, THE UPHILL SHEET SHALL OVERLAP THE DOWNHILL SHEET. NO RUNOFF SHALL BE ALLOWED TO RUN UNDER THE PLASTIC COVERING.
- DEMOLITION AND/OR CONSTRUCTION DEBRIS. WASTE AND GARBAGE PILES OR CONSTRUCTION MATERIALS CONTAINING TOXIC CONTAMINANTS SHALL NOT BE PLACED WITHIN 25 FEET OF ANY NATURAL DRAINAGE FEATURE, STORM DRAIN INLET STRUCTURE OR DESIGNATED PROTECTED AREA.
- LOCATION OF CONSTRUCTION MATERIAL STORAGE AREAS AND DEBRIS, WASTE AND GARBAGE PILE AREAS SHALL BE PROVIDED BY THE CONTRACTOR TO THE CITY AT THE TIME OF THE INITIAL ESC CONTROL INSPECTION

#### **CONCRETE WASH AREA**

- 1. PROVIDE MINIMUM OF ONE CONCRETE TRUCK WASH AREA FOR USE ON CLEANING OF DEPARTING CONCRETE TRUCKS.
- CONCRETE TRUCK WASH AREAS SHALL BE LOCATED ADJACENT TO ANY CONSTRUCTION ENTRANCE USED BY DEPARTING CONCRETE TRUCKS.
- CONCRETE TRUCK WASH AREAS SHALL BE CONSTRUCTED PER DETAIL 6/CE1.07.
- 4. SUGGESTED LOCATIONS OF CONCRETE TRUCK WASH AREA(S) ARE SHOWN ON THE EROSION AND SEDIMENTATION CONTROL PLAN SHEETS.
- 5. LOCATION OF CONCRETE TRUCK WASH AREA(S) SHALL BE PROVIDED BY THE CONTRACTOR TO THE CITY AT THE TIME OF THE INITIAL ESC INSPECTION.

#### STABILIZED CONSTRUCTION ENTRANCE

- STABILIZED CONSTRUCTION ENTRANCE(S) SHALL BE ESTABLISHED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC RIGHT-OF-WAY.
- ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY, IF NECESSARY, TO MAINTAIN PROPER FUNCTION OF THE PAD.
- INSTALL VEHICLE BARRIERS AT ANY SITE ENTRANCE NOT USED AS STABILIZED CONSTRUCTION ENTRANCE TO RESTRICT SITE ACCESS.
- 4. IF ESTABLISHED ENTRANCES DO NOT ADEQUATELY REMOVE DIRT AND MUD FROM VEHICLE WHEELS SUCH THAT MUD AND DIRT TRACKING IS EVIDENT OFF SITE, ADDITIONAL MEASURES MUST BE TAKEN. SUCH MEASURES MAY INCLUDE WHEEL WASHING BEFORE VEHICLES LEAVE THE SITE OR OTHER CONSTRUCTION TECHNIQUES/WORK OPERATION MODIFICATIONS.
- 5. WHEEL WASHING SHOULD BE DONE ON THE GRAVEL PAD AND WASH WATER SHOULD DRAIN THROUGH A SILT-TRAPPING STRUCTURE PRIOR TO LEAVING THE CONSTRUCTION SITE REFER TO DETAIL 4/CE1.07 TRUCK WHEEL WASH
- 6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN UP ANY SEDIMENT/MUD TRACKED INTO ADJACENT RIGHT-OF-WAY.

- CONTRACTOR SHALL IDENTIFY AND MARK ALL EXISTING TREES TO BE PROTECTED PRIOR TO CONSTRUCTION ACTIVITY. REFER TO LANDSCAPE DRAWINGS FOR EXISTING TREES TO
- SEPARATE PROTECTED TREES WITH TREE PROTECTION FENCING AS SHOWN ON LANDSCAPE DRAWINGS.
- TREE PROTECTION FENCING SHALL BE MAINTAINED AND REPAIRED, AS NECESSARY, UNTIL FINAL LANDSCAPING IS INSTALLED.

#### SLOPE STABILIZATION

- EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES. SLOPES EXCEEDING 25% MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
- 2. TEMPORARY SLOPE STABILIZATION MEASURES MAY INCLUDE INSTALLATION OF STRAW MULCHING AND/OR WOOD CHIPS, OR OTHER APPROVED MEASURES.
- 3. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH APPROVED SEED MIX AND APPLICATION RATE.

#### **ESCP CONSTRUCTION NOTES:**

#### **AUTHORIZED NON-STORMWAER DISCHARGES**

- . WATER AND ASSOCIATED DISCHARGES FROM EMERGENCY FIREFIGHTING ACTIVITIES.
- FIRE HYDRANT FLUSHING.
- PROPERLY MANAGED LANDSCAPE IRRIGATION.
- WATER USED TO WASH EQUIPMENT AND VEHICLES (EXCLUDING THE ENGINE, UNDERCARRIAGE, AND WHEELS/TIRES) PROVIDED THERE IS NO DISCHARGE OF SOAPS, SOLVENTS, OR DETERGENTS USED.
- WATER USED TO CONTROL DUST.
- POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS.
- EXTERNAL BUILDING WASHDOWN, PROVIDED SOAPS, SOLVENTS, AND DETERGENTS ARE NOT USED, AND EXTERNAL SURFACES DO NOT CONTAIN HAZARDOUS SUBSTANCES.

### LIST OF POLLUTANT-GENERATING ACTIVITIES AND INVENTORY OF POLLUTANTS ASSOCIATED WITH ACTIVITY:

- CLEARING, GRADING, EXCAVATION: SEDIMENT, WITH POTENTIAL EROSION OF SEDIMENT THROUGHOUT THE SITE.
- TEMPORARY SEEDING: FERTILIZERS, WITH POTENTIAL SPILLS AND LEAKS THROUGHOUT LANDSCAPE PORTION OF THE SITE. C. LANDSCAPE SOIL PREPARATION: FERTILIZERS (NONE ALLOWED IN STORMWATER TREATMENT FACILITIES), WITH POTENTIAL SPILLS AND LEAKS THROUGHOUT LANDSCAPE PORTION OF THE
- D. PAINTING: PAINT, WITH POTENTIAL SPILLS AND LEAKS AROUND THE PROPOSED BUILDINGS.
- CLEANING: SOLVENTS, WITH POTENTIAL SPILLS AND LEAKS AROUND THE PROPOSED BUILDINGS.
- WATERPROOFING: CAULK, WITH POTENTIAL SPILLS AND LEAKS AROUND THE PROPOSED BUILDINGS.

- **SPILL PREVENTION PROCEDURES:** A. LOCATE ACTIVITIES AWAY FROM WATERS OF THE STATE AND STORMWATER INLETS OR CONVEYANCES SO THAT STORMWATER COMING INTO CONTACT WITH THESE ACTIVITIES CANNOT REACH WATERS OF THE STATE;
- ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO HANDLE SPILLS, LEAKS, AND DISPOSAL OF LIQUIDS, AND PROVIDE SECONDARY CONTAINMENT (E.G. SPILL BERMS, DECKS, SPILL CONTAINMENT PALLETS):
- HAVE A SPILL KIT AVAILABLE ON SITE AND ENSURE PERSONNEL ARE AVAILABLE TO RESPOND EXPEDITIOUSLY IN THE EVENT OF A LEAK OR SPILL;
- D. CLEAN UP SPILLS OR CONTAMINATED SURFACES IMMEDIATELY USING DRY CLEAN UP MEASURES (DO NOT CLEAN CONTAMINATED SURFACES BY HOSING THE AREA DOWN), AND ELIMINATE THE SOURCE OF THE SPILL TO PREVENT A DISCHARGE OR A CONTINUATION OF AN ONGOING DISCHARGE; AND
- STORE MATERIALS IN A COVERED AREA (E.G., PLASTIC SHEETING, TEMPORARY ROOFS), OR IN SECONDARY CONTAINMENT TO PREVENT THE EXPOSURE OF THESE CONTAINERS TO PRECIPITATION OR STORMWATER RUNOFF, OR A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS FROM THESE AREAS.
- EQUIPMENT AND VEHICLE FUELING AND MAINTENANCE:
- a. USE DRIP PANS AND ABSORBENTS UNDER OR AROUND VEHICLES; AND
- b. DISPOSE OF OR RECYCLE OIL AND OILY WASTES IN ACCORDANCE WITH OTHER FEDERAL, STATE, TRIBAL, OR LOCAL REQUIREMENTS. G. EQUIPMENT AND VEHICLE WASHING:
- a. ENSURE THERE IS NO DISCHARGE OF SOAPS, SOLVENTS, OR DETERGENTS IN EQUIPMENT AND VEHICLE WASH WATER. PREVENT THE DISCHARGE OF TURBID VEHICLE WASH WATER TO WATERS OF THE STATE OR CONVEYANCES THAT LEAD TO WATERS OF THE STATE.
- H. BUILDING MATERIALS AND BUILDING PRODUCTS:
- a. MINIMIZE MATERIAL EXPOSURE IN CASES WHERE THE EXPOSURE TO PRECIPITATION OR TO STORMWATER WILL RESULT IN A DISCHARGE OF POLLUTANTS (E.G. ELEVATE MATERIALS FROM SOIL TO PREVENT LEACHING OF POLLUTANTS).
- FERTILIZERS: a. COMPLY WITH ALL APPLICATION AND DISPOSAL REQUIREMENTS INCLUDED ON THE REGISTERED PESTICIDE, HERBICIDE, INSECTICIDE, AND FERTILIZER LABEL. WHEN APPLYING
- FERTILIZERS. REGISTRANTS MUST: APPLY AT A RATE AND IN AMOUNTS CONSISTENT WITH MANUFACTURER'S SPECIFICATIONS.
- APPLY AT THE APPROPRIATE TIME OF YEAR FOR THE LOCATION, AND PREFERABLY TIMED TO COINCIDE AS CLOSELY AS POSSIBLE TO THE PERIOD OF MAXIMUM VEGETATION UPTAKE AND GROWTH.
- AVOID APPLYING BEFORE HEAVY RAINS THAT COULD CAUSE EXCESS NUTRIENTS TO BE DISCHARGED.
- NEVER APPLY TO FROZEN GROUND.
- NEVER APPLY TO STORMWATER CONVEYANCE CHANNELS; AND FOLLOW ALL OTHER FEDERAL, STATE, AND LOCAL REQUIREMENTS REGARDING FERTILIZER APPLICATION.

#### WASTE MANAGEMENT PROCEDURES

- A. STORE WASTE IN COVERED DUMPSTERS AS SHOWN ON ESCP.
- B. PROVIDE WASTE CONTAINERS (E.G., DUMPSTER, TRASH RECEPTACLE) THAT PROVIDE GROUND SEPARATION AND ARE OF SUFFICIENT SIZE AND NUMBER TO CONTAIN CONSTRUCTION AND DOMESTIC WASTES:
- C. KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (E.G., A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G., SECONDARY CONTAINMENT);
- CLEAN UP AND DISPOSE OF WASTE IN DESIGNATED WASTE CONTAINERS; AND
- CLEAN UP IMMEDIATELY IF CONTAINERS OVERFLOW.

#### SCHEDULE FOR CONSTRUCTION AND IMPLEMENTATION OF ESCP CONTROLS

- FLAG OR FENCE CLEARING LIMITS.
- 2. INSTALL ESC MEASURES PRIOR TO CONSTRUCTION.
- 3. MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH DEQ STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
- 4. PERFORM DAILY INSPECTIONS OF THE ESC FACILITIES AND MAINTAIN WRITTEN RECORDS OF INSPECTIONS.
- UPGRADE ESC MEASURES TO HANDLE MAJOR CHANGE IN SITE/WEATHER CONDITIONS.
- STABILIZE ALL AREAS WITHIN 7 DAYS OF REACHING FINAL GRADE.
- SWEEP STREETS ADJACENT TO CONSTRUCTION ENTRANCES A MINIMUM OF ONCE PER DAY. USE OF WATER TRUCKS TO WASH DOWN STREETS IS NOT ALLOWED AFTER BEGINNING OF PAVEMENT PLACEMENT.
- REESTABLISH GROUND COVER OR LANDSCAPE AND STABILIZE ALL DISTURBED AREAS PRIOR TO FINAL ACCEPTANCE (POST-CONSTRUCTION). REFER TO LANDSCAPE PLANS FOR PERMANENT GROUND COVER/LANDSCAPING.

#### CITY OF SALEM ESCP PLAN STANDAND NOTES

#### (A) PRE-CONSTRUCTION

- (1). PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDARIES OF THE CLEARING AND GRADING 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 CONTRACTOR MUST MAINTAIN THE DELINEATION FOR THE DURATION OF THE PROJECT.
- (2). BMPS THAT MUST BE INSTALLED PRIOR TO LAND DISTURBING ACTIVITIES ARE CONSTRUCTION ENTRANCE, PERIMETER SEDIMENT CONTROL, AND INLET PROTECTION.
- (3). HOLD A PRECONSTRUCTION CONFERENCE TO REVIEW THE ESCP WITH THE CITY'S PROJECT MANAGER AND INSPECTOR.

#### (B) CONSTRUCTION

- (1). ALL SEDIMENT IS REQUIRED TO STAY ON SITE. SEDIMENT AMOUNTS GREATER THAN 1/2 CUBIC FOOT WHICH LEAVE THE SITE MUST BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ON THE SITE AND STABILIZED OR PROPERLY DISPOSED. VACUUMING OR DRY SWEEPING MUST BE USED TO CLEAN UP RELEASED SEDIMENT AND IT MUST NOT BE SWEPT OR WASHED INTO STORM SEWERS, DRAINAGE WAYS, OR WATER BODIES. THE CAUSE OF THE SEDIMENT RELEASE MUST BE FOUND AND PREVENTED FROM CAUSING A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS.
- (2). CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF EROSION PREVENTION AND SEDIMENT CONTROL FACILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED, APPROVED, AND PERMANENT EROSION CONTROL (I.E., VEGETATION/LANDSCAPING) IS ESTABLISHED ON ALL DISTURBED AREAS.
- (3). ALL RECOMMENDED EROSION PREVENTION AND SEDIMENT CONTROL PROCEDURES ARE DEPENDENT ON CONSTRUCTION METHODS, STAGING, SITE CONDITIONS, WEATHER, AND SCHEDULING. DURING THE CONSTRUCTION PERIOD, EROSION CONTROL FACILITIES SHALL BE REVISED, UPGRADED, REPLACED, OR ADDED, TO COMPLY WITH SALEM REVISED CODE (SRC) AND STATE AND FEDERAL REGULATORY REQUIREMENTS.
- (4). THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROTECTION OF ALL ADJACENT PROPERTY AND DOWNSTREAM FACILITIES FROM EROSION AND SILTATION DURING PROJECT CONSTRUCTION. ANY DAMAGE RESULTING FROM SUCH EROSION AND SILTATION SHALL BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR.
- (5). WHEN SATURATED SOIL IS PRESENT, WATER-TIGHT TRUCKS MUST BE USED TO TRANSPORT SATURATED SOILS FROM THE CONSTRUCTION SITE. SOIL MAY BE DRAINED ON SITE AT A DESIGNATED LOCATION, USING APPROPRIATE BMPS. SOIL MUST BE DRAINED SUFFICIENTLY TO DRIP LESS THAN ONE GALLON PER HOUR PRIOR TO LEAVING THE SITE.
- (6). ALL MATERIALS SPILLED, DROPPED, OR WASHED INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY, AND THE CONTRACTOR SHALL PROVIDE PROTECTION OF DOWNSTREAM INLETS AND CATCH BASINS TO ENSURE SEDIMENT-LADEN WATER DOES NOT ENTER THE STORM DRAIN SYSTEM.
- (7). ALL DISCHARGE OF SEDIMENT-LADEN WATER MUST BE TREATED WITH AN APPROPRIATE BMP TO REMOVE SEDIMENT FROM DISCHARGE WATERS AND TO COMPLY WITH SRC AND STATE AND FEDERAL REGULATORY PERMITS.
- (8). 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. (9). THE EPSC MEASURES AND BMPS 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.
- (10). THE CONTRACTOR SHALL PROVIDE ONSITE WATER OR OTHER APPROPRIATE BMPS TO PREVENT DUST AND WIND EROSION OF FINE GRAIN SOILS.
- (11). DISTURBED AREAS MUST BE STABILIZED AFTER 14 DAYS OF INACTIVITY. OR IMMEDIATELY IF RAIN IS FORECASTED. SEE SUBSECTION 7A.1(D)—WET WEATHER PERIOD.
- (12). DURING THE WET WEATHER WORK PERIOD OR WHEN RAIN IS FORECASTED, ALL ACTIVE AND INACTIVE SOIL STOCK PILES MUST BE COVERED WITH APPROPRIATE PLASTIC SHEETING. PLASTIC SHEETING MUST COVER THE ENTIRE STOCK PILE AND BE SUFFICIENTLY ANCHORED.

#### (C) POLLUTANTS, SOLID WASTE AND HAZARDOUS MATERIALS MANAGEMENT

- (1). ANY USE OF TOXIC OR OTHER HAZARDOUS MATERIALS MUST INCLUDE PROPER STORAGE, APPLICATION, AND DISPOSAL.
- (2). THE CONTRACTOR IS SOLELY RESPONSIBLE TO PROPERLY MANAGE POLLUTANTS, HAZARDOUS WASTES, USED OILS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER TOXIC SUBSTANCES DISCOVERED OR GENERATED DURING CONSTRUCTION TO PREVENT LEAKAGE, SPILLS OR RELEASE OF POLLUTANTS TO THE ENVIRONMENT AND SURFACE WATERS.
- (3). CONTRACTOR SHALL DEVELOP A PROJECT SPECIFIC WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES THAT INCLUDES EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES; REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY: AND MATERIAL DELIVERY AND STORAGE CONTROLS, SIGNAGE, MATERIAL USE, AND USE OF COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. THE PLAN SHALL COMPLY WITH SRC AND FEDERAL AND STATE REQUIREMENTS, AND SHALL BE AVAILABLE ON SITE AT ALL TIMES.
- (D) WET WEATHER PERIOD (OCTOBER 15 THROUGH APRIL 30)
- (1). CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE THE DURATION OF DISTURBED AREAS.
- (2). TEMPORARY STABILIZATION OF THE SITE INCLUDING COVERING OF BARE SOILS WITH APPROVED BMPS, MUST BE INSTALLED AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND, OR AT THE END OF EACH WORKDAY IF RAINFALL IS FORECAST IN THE NEXT 24 HOURS.
- (3). TEMPORARY STABILIZATION OR COVERING OF SOIL STOCKPILES AND PROTECTION OF STOCKPILES LOCATED AWAY FROM CONSTRUCTION ACTIVITY MUST OCCUR AT THE END OF EACH WORKDAY.

### CITY OF SALEM ESCP PLAN STANDAND NOTES (CONTINUED)

#### (E) MAINTENANCE

- (1). EROSION CONTROL MEASURES SHALL BE MAINTAINED IN SUCH A MANNER AS TO ENSURE THAT EROSION IS PREVENTED AND SEDIMENT-LADEN WATER DOES NOT ENTER A DRAINAGE SYSTEM, ROADWAY, OR VIOLATE APPLICABLE WATER QUALITY STANDARDS.
- (2). SEDIMENT SHALL NOT BE WASHED OR SWEPT INTO STORM SEWERS, DRAINAGE WAYS, OR WATER BODIES.
- (3). SEDIMENT MUST BE REMOVED FROM BEHIND ALL SEDIMENT CONTROL MEASURES WHEN IT HAS REACHED A HEIGHT OF 沒 THE BARRIER HEIGHT, AND PRIOR TO THE CONTROL MEASURES REMOVAL.
- (4). REMOVAL OF TRAPPED SEDIMENT IN A SEDIMENT BASIN OR SEDIMENT TRAP OR CATCH BASINS MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY 50 PERCENT: IS NOT FUNCTIONING PROPERLY AND/OR AT THE COMPLETION OF PROJECT.
- (5). CLEANING OF ALL STRUCTURES, INLET PROTECTION BMPS, AND SUMP PUMPS MUST BE COMPLETED REGULARLY AND AS REQUIRED TO ENSURE STRUCTURES AND INLETS FUNCTION PROPERLY AND FLOW FREELY.
- (6). CONSTRUCTION SITE EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO THE ROW OR APPROVED ACCESS POINT. THE ENTRANCE MAY REQUIRE PERIODIC TOP DRESSING AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. WHEEL WASHING SHALL BE REQUIRED TO PREVENT SEDIMENT AND MATERIAL TRACKING ON ROAD SURFACES IF PASSIVE BMPS ARE NOT EFFECTIVE.

#### (F) INSPECTION

- (1). THE ESCP MUST BE KEPT ONSITE AT ALL TIMES. ALL MEASURES SHOWN ON THE PLAN MUST BE INSTALLED PROPERLY TO ENSURE COMPLIANCE WITH SRC AND STATE AND REGULATORY PERMITS, AND THAT SEDIMENT DOES NOT ENTER A SURFACE WATER SYSTEM, ROADWAY, OR OTHER PROPERTIES.
- (2). WRITTEN ESCP INSPECTION LOGS SHALL BE MAINTAINED ONSITE AND AVAILABLE TO CITY INSPECTORS UPON
- (3). ALL BMPS SHALL BE INSPECTED AT LEAST EVERY WEEK. WHEN A RAINFALL EVENT EXCEEDS 1/8" IN A 24-HOUR PERIOD. DAILY INSPECTION OF THE EROSION CONTROLS. SEDIMENT CONTROLS. AND DISCHARGE OUTFALLS MUST BE CONDUCTED AND DOCUMENTED. INSPECTIONS SHALL BE DONE BY A REPRESENTATIVE OF THE PERMIT REGISTRANT WHO IS KNOWLEDGEABLE AND EXPERIENCED IN THE PRINCIPLES, PRACTICES, INSTALLATION, AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS.

#### (G) INACTIVE CONSTRUCTION PERIODS AND POST-CONSTRUCTION

- (1). SHOULD WORK CEASE IN ANY AREA FOR 14 DAYS, THE INACTIVE AREA MUST BE STABILIZED WITH APPROPRIATE SOIL STABILIZATION BMPS. IF ALL CONSTRUCTION ACTIVITY CEASES THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION, HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD.
- (2). ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL FACILITIES SHALL BE REMOVED BY THE CONTRACTOR WITHIN 30 DAYS AFTER PERMANENT LANDSCAPING/VEGETATION IS ESTABLISHED AND THE THREAT OF EROSION AND SEDIMENT TRANSPORT HAS BEEN MITIGATED.
- (3). TEMPORARY GRASS COVER MEASURES MUST BE FULLY ESTABLISHED BY OCTOBER 15 OR OTHER COVER MEASURES (I.E., EROSION CONTROL BLANKETS WITH ANCHORS, ONE-INCH OF STRAW MULCH, SIX MIL HDPE PLASTIC SHEET, ETC.) SHALL BE IN PLACE OVER ALL DISTURBED SOIL AREAS UNTIL APRIL 30. TO ESTABLISH AN ADEQUATE GRASS STAND FOR CONTROLLING EROSION BY OCTOBER 15, IT IS RECOMMENDED THAT SEEDING AND MULCHING OCCUR BY SEPTEMBER 1.
- (4). PERMANENT EROSION CONTROL VEGETATION ON ALL EMBANKMENTS AND DISTURBED AREAS SHALL BE RE-ESTABLISHED AS SOON AS CONSTRUCTION IS COMPLETED.

#### (H) SPECIFICATIONS

- (1). SOIL PREPARATION. TOPSOIL SHOULD BE PREPARED ACCORDING TO THE LANDSCAPE PLANS, IF AVAILABLE, OR RECOMMENDATIONS OF THE GRASS SEED SUPPLIER. SLOPES SHALL BE TEXTURED BEFORE SEEDING BY RACK WALKING (I.E., DRIVING A CRAWLING TRACTOR UP AND DOWN THE SLOPES TO LEAVE A PATTERN OF CLEAT IMPRINTS PARALLEL TO SLOPE CONTOURS) OR OTHER METHOD TO PROVIDE STABLE AREAS FOR SEEDS TO REST.
- (2). SEEDING. EROSION CONTROL GRASS SEED MIX SHALL BE AS FOLLOWS: DWARF GRASS MIX (LOW HEIGHT LOW MAINTENANCE) CONSISTING OF DWARF PERENNIAL RYEGRASS (80 PERCENT BY WEIGHT), CREEPING RED FESCUE (20 PERCENT BY WEIGHT). APPLICATION RATE SHALL BE 100 POUNDS PER ACRE MINIMUM.
- (3). GRASS SEED SHALL BE FERTILIZED AT A RATE OF TEN POUNDS PER 1,000 SQUARE FEET WITH 16-16-16 SLOW RELEASE TYPE FERTILIZER. DISTURBED AREAS WITHIN 50 FEET OF WATER BODIES AND WETLANDS MUST USE A NON-PHOSPHOROUS FERTILIZER.
- (4). THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION SHALL FOLLOW MANUFACTURER'S RECOMMENDATIONS. NUTRIENT RELEASES FROM FERTILIZERS TO SURFACE WATERS SHALL BE MINIMIZED. TIME RELEASE FERTILIZERS SHALL BE USED. CARE SHALL BE MADE IN THE APPLICATION OF FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE TO PREVENT LEACHING INTO THE
- (5). WHEN USED, HYDROMULCH SHALL BE APPLIED WITH GRASS SEED AT A RATE OF 2,000 POUNDS PER ACRE BETWEEN APRIL 30 AND JUNE 10, OR BETWEEN SEPTEMBER 1 AND OCTOBER 1. ON SLOPES STEEPER THAN TEN PERCENT. HYDROSEED AND MULCH SHALL BE APPLIED WITH A BONDING AGENT (TACKIFIER). APPLICATION RATE AND METHODOLOGY SHALL BE IN ACCORDANCE WITH SEED SUPPLIER RECOMMENDATIONS.
- (6). WHEN USED IN LIEU OF HYDROMULCH, DRY, LOOSE, WEED-FREE STRAW USED AS MULCH SHALL BE APPLIED AT A RATE OF 4,000 POUNDS PER ACRE (DOUBLE THE HYDROMULCH APPLICATION REQUIREMENT). ANCHOR STRAW BY WORKING IN BY HAND OR WITH EQUIPMENT (ROLLERS, CLEAT TRACKERS, ETC.). MULCH SHALL BE SPREAD UNIFORMLY IMMEDIATELY FOLLOWING SEEDING.
- (7). WHEN CONDITIONS ARE NOT FAVORABLE TO GERMINATION AND ESTABLISHMENT OF THE GRASS SEED, THE CONTRACTOR SHALL IRRIGATE THE SEEDED AND MULCHED AREAS AS REQUIRED TO ESTABLISH THE GRASS
- (8). SEDIMENT FENCES SHALL BE CONSTRUCTED OF CONTINUOUS FILTER FABRIC TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM SIX-INCH OVERLAP, AND BOTH ENDS SECURELY FASTENED TO A POST.
- (9). THE STANDARD STRENGTH FILTER FABRIC SHALL BE FASTENED SECURELY TO STITCHED LOOPS INSTALLED ON THE UPSLOPE SIDE OF THE POSTS, AND SIX INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 30 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- (10). BIO-FILTER BAGS SHALL BE CLEAN 100 PERCENT WOOD PRODUCT WASTE. BAGS SHALL BE 18-INCH X 18-INCH X 30-INCH. WEIGH APPROXIMATELY 45 POUNDS, AND BE CONTAINED IN A BAG MADE OF 1/2 INCH PLASTIC MESH.
- (11). MINIMUM WET WEATHER SLOPE PROTECTION. FOR 3H:1V OR STEEPER SLOPES USE BON TERRA TYPE C2 OR NORTH AMERICAN GREEN TYPE C125 EROSION CONTROL BLANKETS. USE A MINIMUM OF TWO INCHES STRAW MULCH OR NORTH AMERICAN GREEN TYPE S150 FOR SLOPES FLATTER THAN 3H:1V AND GREATER THAN 6H:1V. SLOPES FLATTER THAN 6H:1V USE ONE INCH STRAW MULCH, HYDROSEED WITH HYDROMULCH AND TACKIFIER. SLOPE PROTECTION SHALL BE PLACED ON ALL DISTURBED AREAS IMMEDIATELY AFTER COMPLETION OF EACH SECTION OF CONSTRUCTION ACTIVITY, UNTIL THE EROSION CONTROL SEEDING HAS BEEN ESTABLISHED. AS AN OPTION DURING TEMPORARY OR SEASONAL WORK STOPPAGES, A SIX-MIL HDPE PLASTIC SHEET MAY BE PLACED ON EXPOSED SLOPES. THE PLASTIC SHEET SHALL BE PROVIDED WITH AN ANCHOR TRENCH AT THE TOP AND BOTTOM OF THE SLOPE, AND SHALL BE SANDBAGGED ON THE SLOPES AS REQUIRED TO PREVENT DAMAGE OR DISPLACEMENT BY WIND.

# CAMERON

Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

541-485-7385

www.cameronmccarthy.com

940 Willamette Street, Suite 31

Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com Project Number: 023-000175

> ш

 $\triangleleft$ 

шш 4 МШ 9

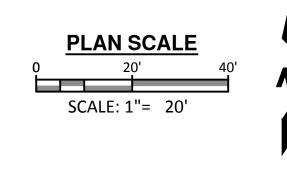
STAMP GTL Checked: MDS Drawn By: Checked: 023-000175 Project #: 03.24.2025 Date:

LAND USE

NOTES

SHEET TITLE

SHEET #



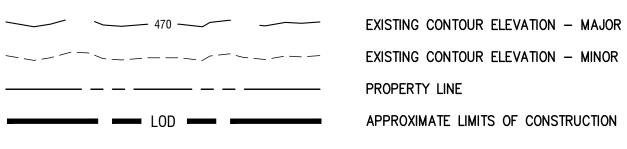
#### SHEET NOTES

- 1. REFER TO SHEET <u>CE1.01</u> FOR EROSION AND SEDIMENTATION CONTROL NOTES.
- 2. REFER TO SHEET CE1.07 FOR EROSION AND SEDIMENTATION CONTROL DETAILS.
- 3. REFER TO SHEET <u>C1.00</u> FOR PROPOSED UTILITIES.
- 4. REFER TO LANDSCAPE DRAWINGS FOR GRADING, PEDESTRIAN PAVEMENTS, FENCES/GATES, LIGHTING, AND AREAS NOT COVERED BY THESE DRAWINGS.

### TOPOGRAPHIC SURVEY INFORMATION:

- EXISTING TOPOGRAPHIC INFORMATION: FROM SURVEY PREPARED BY BAKER SURVEYING, TITLED "TOPOGRAPHIC SURVEY 14TH STREET SOFTBALL FIELD". DATED 8/07/2023.
- BASIS OF ELEVATION: BASED ON CITY OF SALEM BENCHMARK "DEAN" LOCATED AT BUSH BARN ENTRANCE EAST OF HIGH STREET. ELEVATION= 183.46' (NGVD '29)>

# **EROSION SEDIMENTATION CONTROL LEGEND**



EXISTING DRAINAGE FLOW PATTERN

CAMERON McCARTHY

www.cameronmccarthy.com

Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385

940 Willamette Street, Suite 310 Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

Project Number: 023-000175

TE SE,

605

Checked: MDS Drawn By: Checked: 023-000175 Project #: 03.24.2025

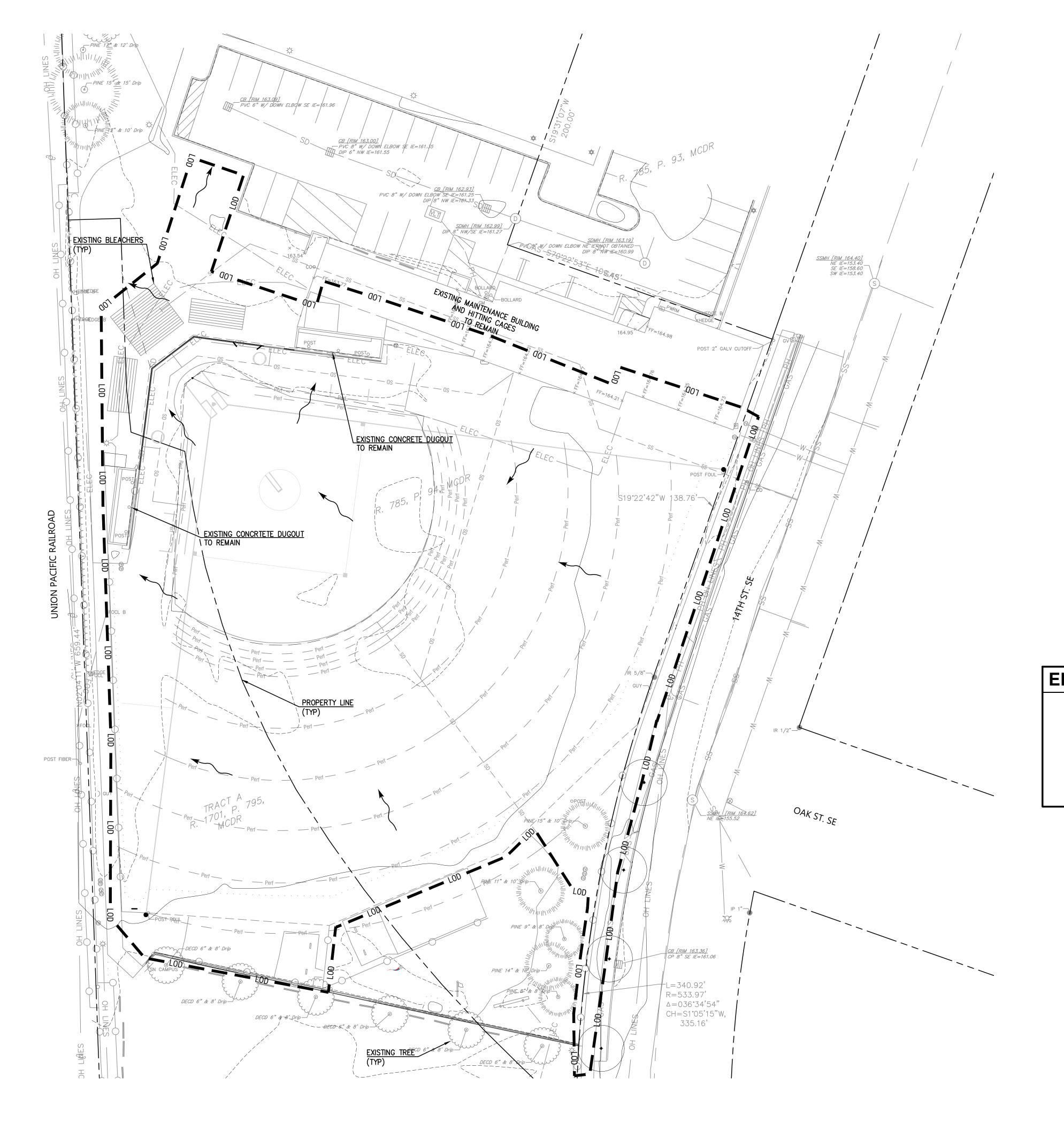
STAMP

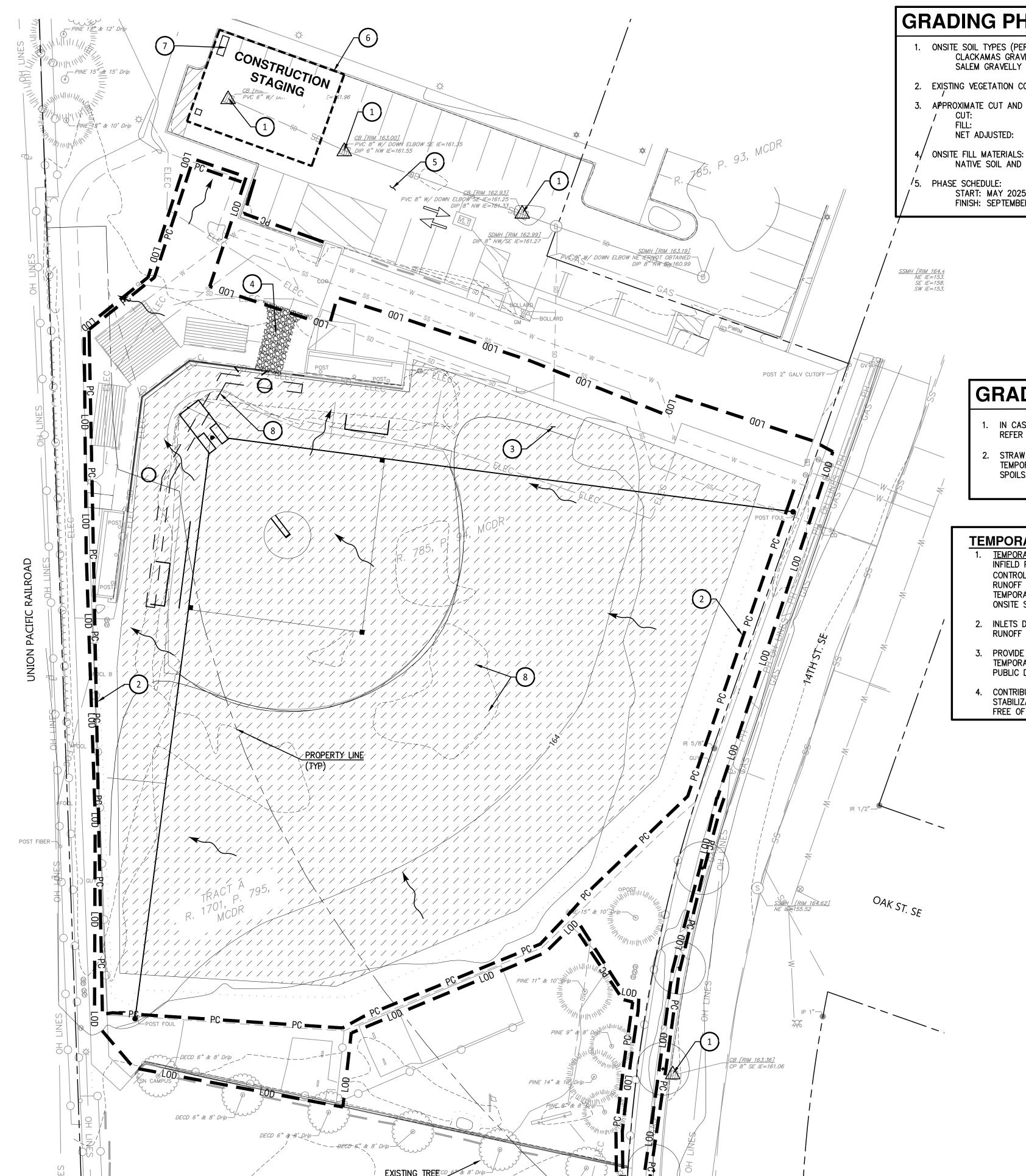
LAND USE

SHEET TITLE

**ESCP EXISTING** CONDITIONS

SHEET #





GRADING PHASE INFORMATION:

1. ONSITE SOIL TYPES (PER SOIL SURVEY OF MARION COUNTY AREA, OREGON): CLACKAMAS GRAVELLY LOAM SALEM GRAVELLY SILT LOAM

2. EXISTING VEGETATION CONSISTS OF GRASS, SHRUBS, AND TREES.

3. APPROXIMATE CUT AND FILL DATA: **2,028** CY **2,097** CY 69 CY

NET ADJUSTED:

NATIVE SOIL AND IMPORTED CRUSHED ROCK.

START: MAY 2025 FINISH: SEPTEMBER 2025

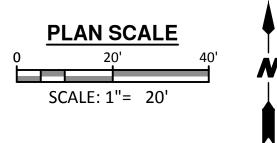
### **GRADING PHASE NOTES:**

- IN CASE OF SPILLS FROM THE PORTABLE RESTROOM, REFER TO SPILL PLAN.
- STRAW MULCH AND/OR HYDROSEED SHALL BE USED FOR TEMPORARY STABILIZATION OF ANY EXPOSED TRENCH

#### **TEMPORARY DRAINAGE NOTES**

TEMPORARY DRAINAGE TO UICS PROHIBITED: SOAKAGE TRENCH AT INFIELD PERIMETER IS CLASSIFIED AS AN UNDERGROUND INJECTION CONTROL SYSTEM (UIC). OREGON DEQ PROHIBITS TEMPORARY RUNOFF FROM CONSTRUCTION SITES FROM ENTERING UIC FACILITIES. TEMPORARY STORM DRAINAGE IS PROHIBITED FROM PROPOSED ONSITE STORM DRAIN SYSTEM DRAINING TO SOAKAGE TRENCH.

- INLETS DRAINING TO ONSITE UICS MUST BE PLUGGED TO PREVENT RUNOFF FROM THE SOAKAGE TRENCH.
- PROVIDE TEMPORARY SURFACE INNFILTRATION SYSTEM OR TEMPORARY BYPASS SYSTEM TO DISCHARGE TO THE EXISTING PUBLIC DRAINAGE SYSTEM.
- CONTRIBUTING AREAS MAY DRAIN TO UIC SYSTEMS AFTER FINAL STABILIZATION AND WHEN RUNOFF ENTERING SOAKAGE TRENCH IS FREE OF SEDIMENT

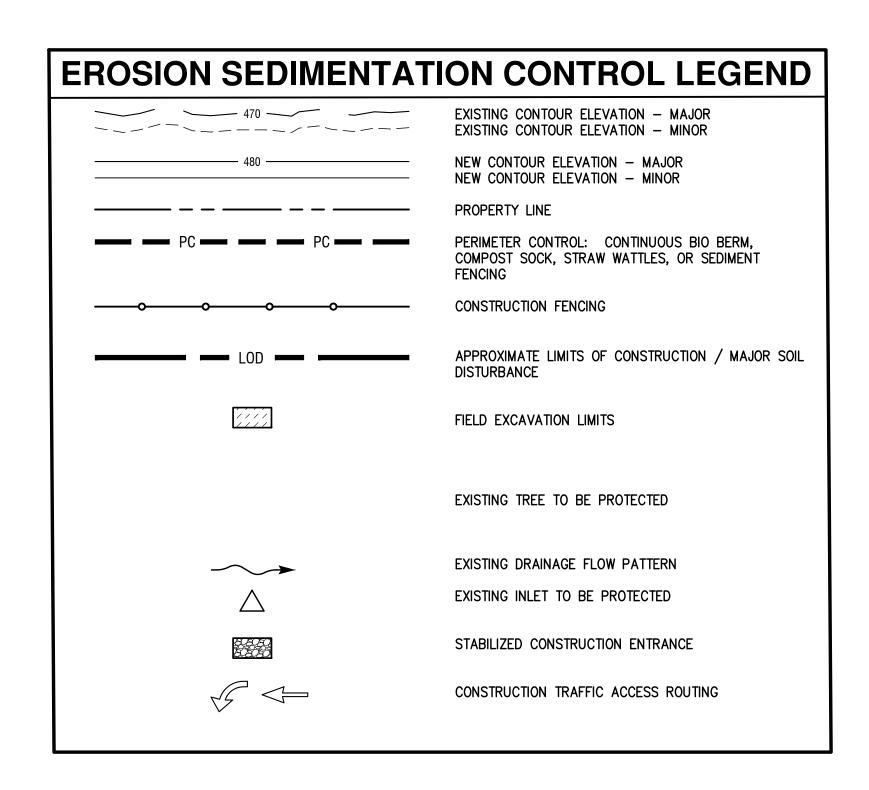


#### **CONSTRUCTION NOTES**

- 1. INSTALL INLET PROTECTION PER DETAIL 7/CE1.07.
- 2. INSTALL PERIMETER CONTROLS. PERIMETER CONTROL MEASURES MAY INCLUDE TEMPORARY SEDIMENT FENCING PER DETAIL 5/CE1.07, BIO BERMS PER DETAIL 3/CE1.07, FILTRATION BAGS AND SOCKS, FIBER ROLLS AND WATTLES, OR OTHER APPROVED MEASURES. USE OF PERIMETER CONTROL MEASURE SHALL COMPLY WITH THE DEQ EROSION AND SEDIMENT CONTROL MANUAL. USE BERMS OR COMPOST SOCKS WITHIN ROOT ZONES OF TREES.
- 3. CAP EXISTING FIELD DRAIN PIPE.
- 4. INSTALL CONSTRUCTION ENTRANCE PER DETAIL 1/CE1.07. AT FOR CONSTRUCTION ACCESS. REFER TO NOTES ON SHEET <u>CE1.01</u>. FOR ADDITIONAL PRECAUTIONS TO ENSURE SEDIMENT IS NOT TRACKED OFF SITE. CONSTRUCT WHEEL WASH PER DETAIL 4/CE1.07, IF CONSTRUCTION ENTRANCE DOES NOT ADEQUATELY REMOVE SEDIMENT FROM CONSTRUCTION VEHICLES.
- 5. UTILIZE EXISTING PAVED ENTRANCE AS STABILIZED CONSTRUCTION ENTRANCE FOR CONSTRUCTION ACCESS.
- 6. CONTRACTOR MATERIAL AND EQUIPMENT STAGING, STORAGE, AND PORTA POTTY
- 7. DEBRIS AND GARBAGE STORAGE AREA (TO BE CONTAINED IN A COVERED GARBAGE DUMPSTER). REFER TO ESCP CONSTRUCTION NOTES, WASTE MANAGEMENT PROCEDURES, ON SHEET CE1.01. FOR ADDITIONAL REQUIREMENTS.
- FILED UNDERDRAINAGE SYSTEM: PROTECT NEW FIELD AND UNDERDRAINAGE SYSTEM FROM SEDIMENTATION OR OTHER DAMAGE. INSTALL PERIMETER CONTROLS. AS NEEDED. TO PROTECT FIELD. ONCE INSTALLED NEW FIELD SECTION SHOULD NOT BE USED FOR CONSTRUCTION STAGING AREA. REFER TO TEMPORARY DRAINAGE NOTES. IF CONSTRUCTION STORMWATER IS INADVERTANTLY DISCGARGED TO INFILTARTION FACILITIES, NOTIFY ENGINEER, CLEAN SEDIMENTATION FROM THE INFILTRATION FACILITY, AND DISPOSE OF SEDIMENT OFFSITE.

#### SHEET NOTES

- A. REFER TO SHEET <u>EC1.01</u> FOR EROSION AND SEDIMENTATION CONTROL NOTES.
- B. REFER TO SHEET <u>EC1.07</u> FOR EROSION AND SEDIMENTATION CONTROL DETAILS. REFER TO SHEETS C3.0, C3.1, FOR SITE GRADING PLAN, LANDSCAPE PLANS, AND
- DETAILS. REFER TO SHEETS <u>C1.00</u> FOR PROPOSED UTILITIES.
- REFER TO SHEETS <u>L000</u> AND <u>L001</u> FOR TREE PROTECTION REQUIREMENTS.
- PROVIDE PRE-CONSTRUCTION NOTIFICATION TO DEQ ONE WEEK PRIOR TO START OF CONSTRUCTION. SEE SHEET <u>EC1.00</u> FOR ADDITIONAL INFORMATION.
- SWEEP/CLEAN PAVED SURFACES DAILY AT MINIMUM TO REDUCE SEDIMENT RUNOFF TO THE STORM SYSTEM AND REMOVE HAZARDS TO VEHICLES AND BICYCLISTS.
- IMPLEMENT DUST CONTROL MEASURES AT ALL TIMES PER THE REQUIREMENTS OF SHEET <u>EC1.01</u>.



Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

541-485-7385 www.cameronmccarthy.com

TBA MEI

ВШ

940 Willamette Street, Suite 310 Eugene, OR 97401 TEL: 541.686.8478

www.mazzetti.com Project Number: 023-000175

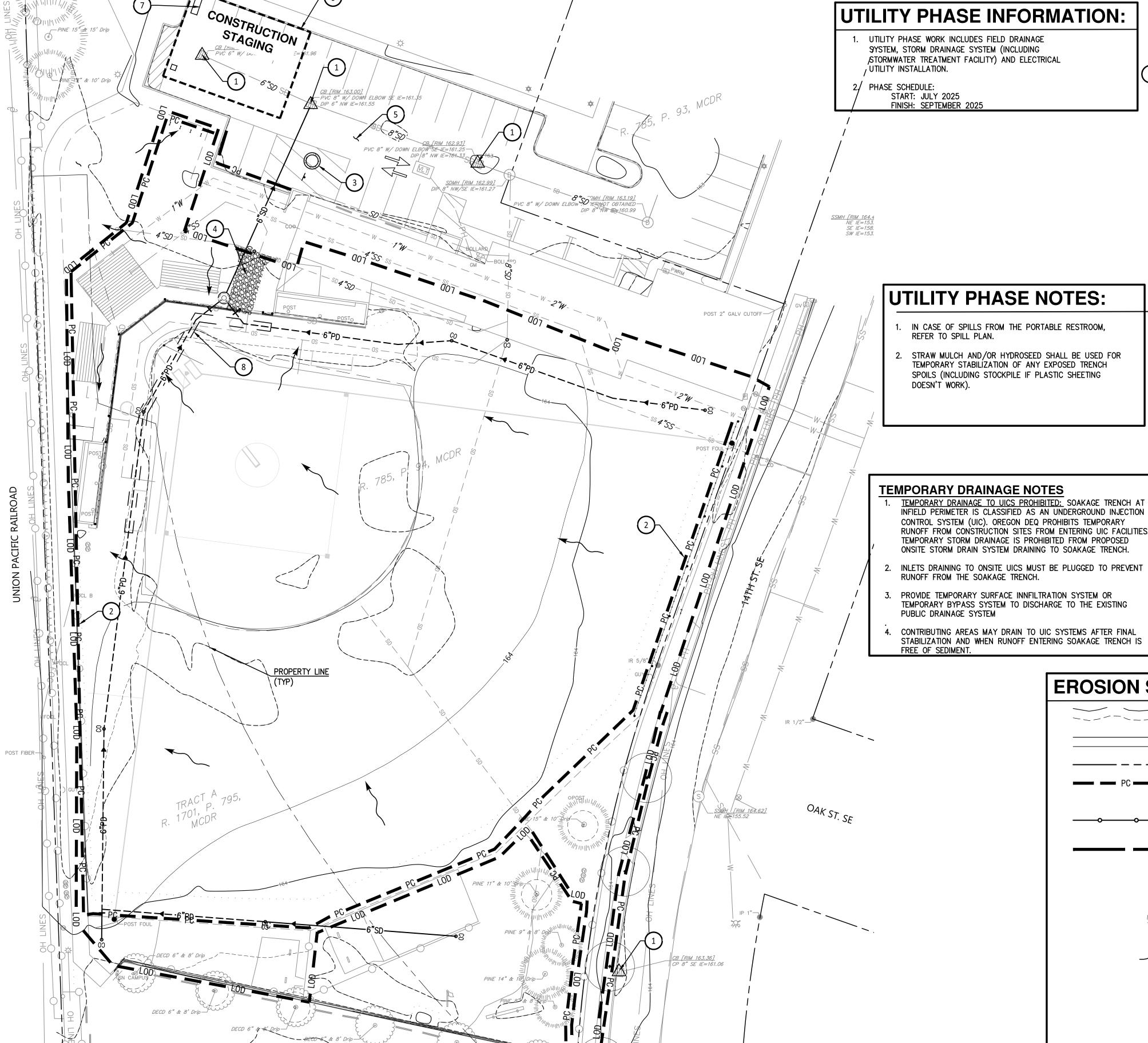
шш

Checked: MDS Drawn By: Checked: 023-000175 Project #: 03.24.2025

LAND USE

SHEET TITLE **CLEARING AND GRADING** 

SHEET #



EXISTING TREE



- 1. UTILITY PHASE WORK INCLUDES FIELD DRAINAGE SYSTEM, STORM DRAINAGE SYSTEM (INCLUDING STORMWATER TREATMENT FACILITY) AND ELECTRICAL UTILITY INSTALLATION.
- PHASE SCHEDULE: START: JULY 2025 FINISH: SEPTEMBER 2025

#### **→CONSTRUCTION NOTES**

- MAINTAIN PREVIOUSLY INSTALLED INLET PROTECTION PER DETAIL 7/CE1.07.
- MAINTAIN PREVIOUSLY INSTALLEDPERIMETER CONTROLS. PERIMETER CONTROL MEASURES MAY INCLUDE TEMPORARY SEDIMENT FENCING PER DETAIL 5/CE1.07, BIO BERMS PER DETAIL 3/CE1.07, FILTRATION BAGS AND SOCKS, FIBER ROLLS AND WATTLES, OR OTHER APPROVED MEASURES. USE OF PERIMETER CONTROL MEASURE SHALL COMPLY WITH THE DEQ EROSION AND SEDIMENT CONTROL MANUAL. USE BERMS OR COMPOST SOCKS WITHIN ROOT ZONES OF
- CONSTRUCT CONCRETE TRUCK WASH PER DETAIL 6/CE1.07. FINAL LOCATION OF CONCRETE TRUCK WASH TO BE ESTABLISHED BY GENERAL CONTRACTOR AND APPROVED BY OWNER. LOCATION SHALL BE OFF OF HARD SURFACE AND AT LEAST 20' AWAY FROM NEAREST STORM DRAIN INLET STRUCTURE.
- CONSTRUCTION ACCESS. REFER TO NOTES ON SHEET CE1.01. FOR ADDITIONAL PRECAUTIONS TO ENSURE SEDIMENT IS NOT TRACKED OFF SITE. CONSTRUCT WHEEL WASH PER DETAIL 4/CE1.07, IF CONSTRUCTION ENTRANCE DOES NOT ADEQUATELY REMOVE SEDIMENT FROM CONSTRUCTION VEHICLES.
- CONSTRUCTION ACCESS.
- 6. CONTRACTOR MATERIAL AND EQUIPMENT STAGING, STORAGE, AND PORTA POTTY AREA.
- DEBRIS AND GARBAGE STORAGE AREA (TO BE CONTAINED IN A COVERED GARBAGE SHEET CE1.01. FOR ADDITIONAL REQUIREMENTS.
- FILED UNDERDRAINAGE SYSTEM: PROTECT NEW FIELD AND UNDERDRAINAGE SYSTEM FROM SEDIMENTATION OR OTHER DAMAGE. INSTALL PERIMETER CONTROLS, AS NEEDED, TO PROTECT FIELD. ONCE INSTALLED NEW FIELD SECTION SHOULD NOT BE USED FOR CONSTRUCTION STAGING AREA. REFER TO TEMPORARY DRAINAGE NOTES. IF CONSTRUCTION STORMWATER IS INADVERTANTLY DISCGARGED TO INFILTARTION FACILITIES, NOTIFY ENGINEER, CLEAN SEDIMENTATION FROM THE INFILTRATION FACILITY, AND DISPOSE OF SEDIMENT OFFSITE.
- A. REFER TO SHEET <u>EC1.01</u> FOR EROSION AND SEDIMENTATION CONTROL NOTES.
- C. REFER TO SHEETS C3.0, C3.1, FOR SITE GRADING PLAN, LANDSCAPING PLANS, AND
- REFER TO SHEETS <u>L000</u> AND <u>L001</u> FOR TREE PROTECTION REQUIREMENTS.
- STABILIZE ALL STORMWATER MANAGEMENT FACILITIES (ONSITE PLANTERS) PROMPTLY
- SHEET <u>EC1.01</u>.

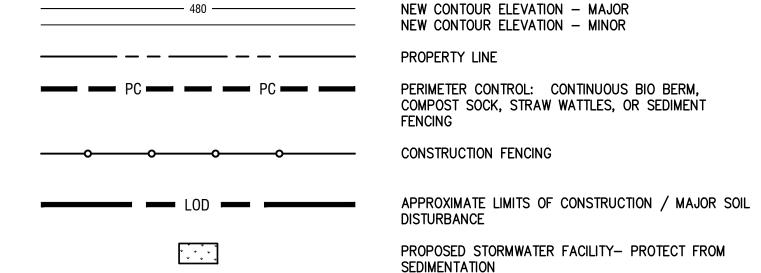
EXISTING CONTOUR ELEVATION - MAJOR EXISTING CONTOUR ELEVATION - MINOR

# **PLAN SCALE** SCALE: 1"= 20'

- MAINTAIN PREVIOUSLY INSTALLED CONSTRUCTION ENTRANCE PER DETAIL 1/CE1.07. AT FOR
- 5. UTILIZE EXISTING PAVED ENTRANCE AS STABILIZED CONSTRUCTION ENTRANCE FOR
- DUMPSTER). REFER TO ESCP CONSTRUCTION NOTES, WASTE MANAGEMENT PROCEDURES, ON

#### SHEET NOTES

- B. REFER TO SHEET <u>EC1.07</u> FOR EROSION AND SEDIMENTATION CONTROL DETAILS.
- D. REFER TO SHEETS <u>C1.00</u> FOR PROPOSED UTILITIES.
- PROVIDE PRE-CONSTRUCTION NOTIFICATION TO DEQ ONE WEEK PRIOR TO START OF CONSTRUCTION. SEE SHEET <u>EC1.00</u> FOR ADDITIONAL INFORMATION.
- SWEEP/CLEAN PAVED SURFACES DAILY AT MINIMUM TO REDUCE SEDIMENT RUNOFF TO THE STORM SYSTEM AND REMOVE HAZARDS TO VEHICLES AND BICYCLISTS.
- FOLLOWING EXCAVATION.
- IMPLEMENT DUST CONTROL MEASURES AT ALL TIMES PER THE REQUIREMENTS OF



EXISTING TREE TO BE PROTECTED

EXISTING INLET TO BE PROTECTED NEW INLET TO BE INSTALLED AND PROTECTED

STABILIZED CONSTRUCTION ENTRANCE

CONCRETE TRUCK WASH AREA WITH DESIGNATION SIGN

CONSTRUCTION TRAFFIC ACCESS ROUTING

EXISTING DRAINAGE FLOW PATTERN

В 09

**CAMERON** 

Landscape Architecture & Planning

160 E Broadway, Eugene, OR 97401

940 Willamette Street, Suite 310

Project Number: 023-000175

541-485-7385

www.cameronmccarthy.com

Eugene, OR 97401 TEL: 541.686.8478

www.mazzetti.com

Д Ш

133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

SIT

03.24.2025

SHEET TITLE **ESCP** 

UTILITIES

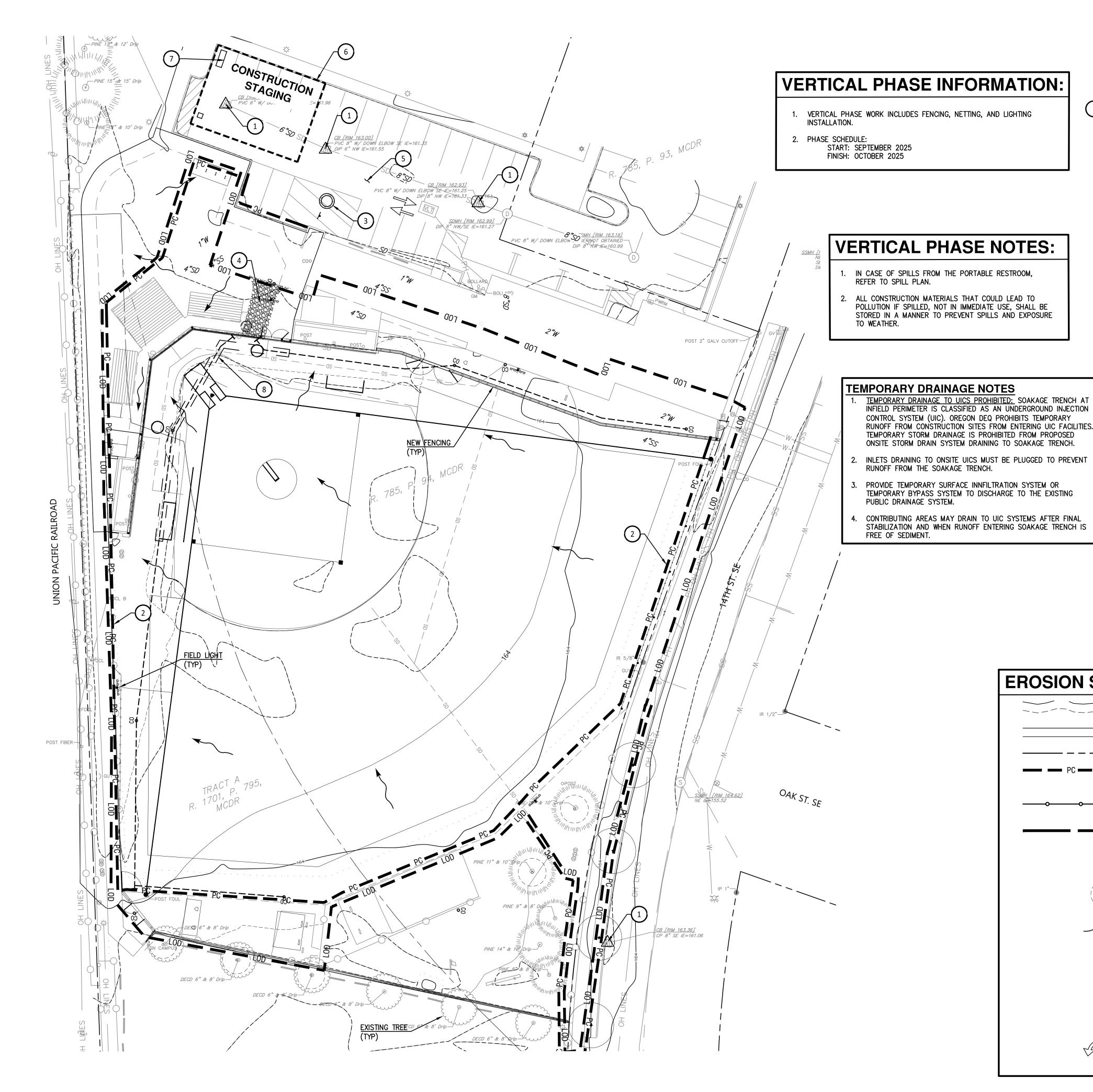
**EROSION SEDIMENTATION CONTROL LEGEND** Checked: Drawn By:

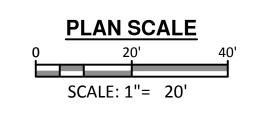
STAMP

MDS Checked: 023-000175 Project #:

LAND USE

SHEET #





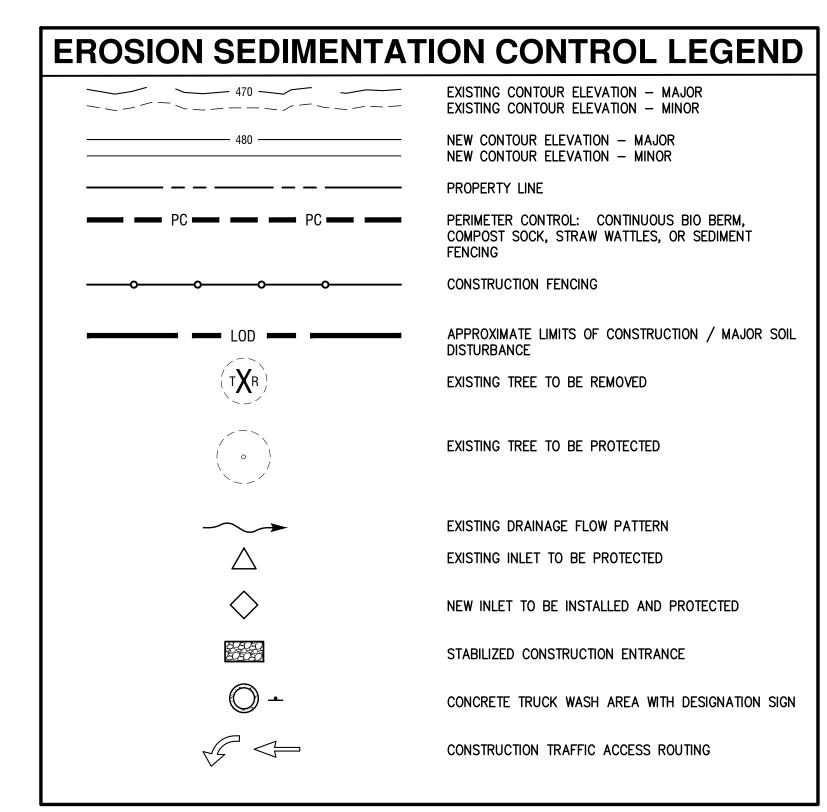
#### CONSTRUCTION NOTES

- MAINTAIN PREVIOUSLY INSTALLED INLET PROTECTION PER DETAIL 7/CE1.07.
- MAINTAIN PREVIOUSLY INSTALLED PERIMETER CONTROLS. PERIMETER CONTROL MEASURES MAY INCLUDE TEMPORARY SEDIMENT FENCING PER DETAIL 5/CE1.07, BIO BERMS PER DETAIL 3/CE1.07, FILTRATION BAGS AND SOCKS, FIBER ROLLS AND WATTLES, OR OTHER APPROVED MEASURES. USE OF PERIMETER CONTROL MEASURE SHALL COMPLY WITH THE DEQ EROSION AND SEDIMENT CONTROL MANUAL. USE BERMS OR COMPOST SOCKS WITHIN ROOT ZONES OF TREES.
- MAINTAIN PREVIOUSLY INSTALLED CONCRETE TRUCK WASH PER DETAIL 6/CE1.07. FINAL LOCATION OF CONCRETE TRUCK WASH TO BE ESTABLISHED BY GENERAL CONTRACTOR AND APPROVED BY OWNER. LOCATION SHALL BE OFF OF HARD SURFACE AND AT LEAST 20' AWAY FROM NEAREST STORM DRAIN INLET STRUCTURE.
- MAINTAIN PREVIOUSLY INSTALLED CONSTRUCTION ENTRANCE PER DETAIL 1/CE1.07. AT FOR CONSTRUCTION ACCESS. REFER TO NOTES ON SHEET CE1.01. FOR ADDITIONAL PRECAUTIONS TO ENSURE SEDIMENT IS NOT TRACKED OFF SITE. CONSTRUCT WHEEL WASH PER DETAIL 4/CE1.07, IF CONSTRUCTION ENTRANCE DOES NOT ADEQUATELY REMOVE SEDIMENT FROM CONSTRUCTION VEHICLES.
- CONSTRUCTION ACCESS.
- 8. FILED UNDERDRAINAGE SYSTEM: PROTECT NEW FIELD AND UNDERDRAINAGE SYSTEM FROM SEDIMENTATION OR OTHER DAMAGE. INSTALL PERIMETER CONTROLS, AS NEEDED, TO PROTECT FIELD. ONCE INSTALLED NEW FIELD SECTION SHOULD NOT BE USED FOR CONSTRUCTION STAGING AREA. REFER TO TEMPORARY DRAINAGE NOTES. IF CONSTRUCTION STORMWATER IS INADVERTANTLY DISCGARGED TO INFILTARTION FACILITIES, NOTIFY ENGINEER, CLEAN SEDIMENTATION FROM THE INFILTRATION FACILITY, AND DISPOSE OF SEDIMENT OFFSITE.
- A. REFER TO SHEET <u>EC1.01</u> FOR EROSION AND SEDIMENTATION CONTROL NOTES.
- B. REFER TO SHEET EC1.07 FOR EROSION AND SEDIMENTATION CONTROL DETAILS.
- D. REFER TO SHEETS <u>C1.00</u> FOR PROPOSED UTILITIES.
- PROVIDE PRE-CONSTRUCTION NOTIFICATION TO DEQ ONE WEEK PRIOR TO START OF CONSTRUCTION. SEE SHEET <u>EC1.00</u> FOR ADDITIONAL INFORMATION.
- SWEEP/CLEAN PAVED SURFACES DAILY AT MINIMUM TO REDUCE SEDIMENT RUNOFF TO THE STORM SYSTEM AND REMOVE HAZARDS TO VEHICLES AND BICYCLISTS.
- STABILIZE ALL STORMWATER MANAGEMENT FACILITIES (ONSITE PLANTERS) PROMPTLY FOLLOWING EXCAVATION.
- I. IMPLEMENT DUST CONTROL MEASURES AT ALL TIMES PER THE REQUIREMENTS OF SHEET <u>EC1.01</u>.

- 5. UTILIZE EXISTING PAVED ENTRANCE AS STABILIZED CONSTRUCTION ENTRANCE FOR
- CONTRACTOR MATERIAL AND EQUIPMENT STAGING, STORAGE, AND PORTA POTTY
- 7. DEBRIS AND GARBAGE STORAGE AREA (TO BE CONTAINED IN A COVERED GARBAGE DUMPSTER). REFER TO ESCP CONSTRUCTION NOTES, WASTE MANAGEMENT PROCEDURES, ON SHEET <u>CE1.01</u>. FOR ADDITIONAL REQUIREMENTS.

#### **ISHEET NOTES**

- REFER TO SHEETS C3.0, C3.1, FOR SITE GRADING PLAN, LANDSCAPING PLANS, AND DETAILS.
- REFER TO SHEETS <u>L000</u> AND <u>L001</u> FOR TREE PROTECTION REQUIREMENTS.





Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385

www.cameronmccarthy.com

940 Willamette Street, Suite 310 Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

Project Number: 023-000175

TBA MEI

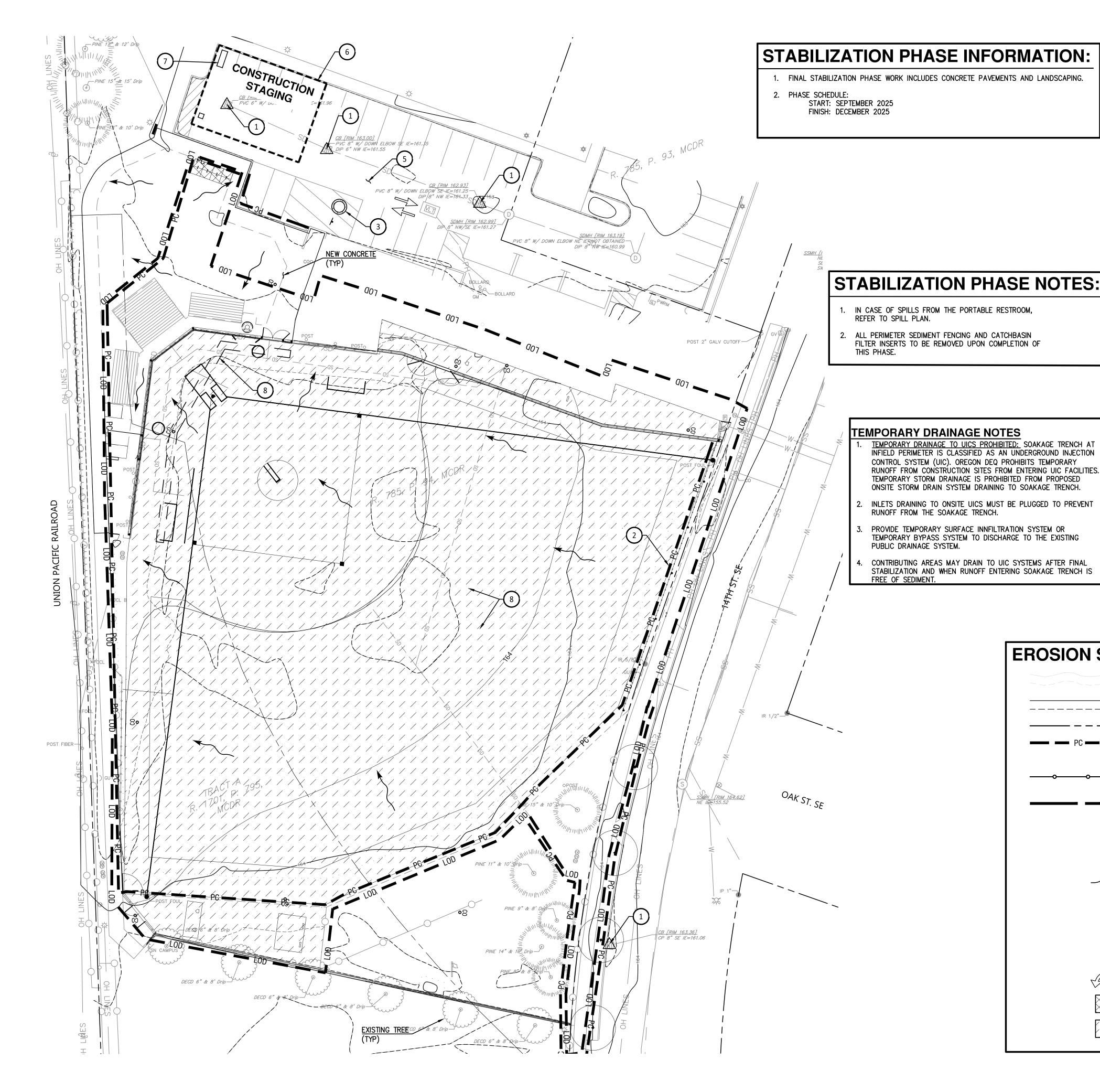
STAMP Checked: MDS Drawn By Checked: 023-000175 Project #: 03.24.2025

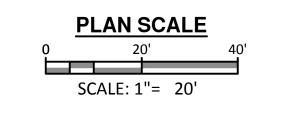
LAND USE

SHEET TITLE **VERTICAL** CONSTRUCTION

SHEET #







#### **∖CONSTRUCTION NOTES**

- MAINTAIN PREVIOUSLY INSTALLED INLET PROTECTION PER DETAIL 7/CE1.07.
- MAINTAIN PREVIOUSLY INSTALLED PERIMETER CONTROLS. PERIMETER CONTROL MEASURES MAY INCLUDE TEMPORARY SEDIMENT FENCING PER DETAIL 5/CE1.07, BIO BERMS PER DETAIL 3/CE1.07, FILTRATION BAGS AND SOCKS, FIBER ROLLS AND WATTLES, OR OTHER APPROVED MEASURES. USE OF PERIMETER CONTROL MEASURE SHALL COMPLY WITH THE DEQ EROSION AND SEDIMENT CONTROL MANUAL. USE BERMS OR COMPOST SOCKS WITHIN ROOT ZONES OF TREES.
- 3. MAINTAIN PREVIOUSLY INSTALLED CONCRETE TRUCK WASH PER DETAIL 6/CE1.07. FINAL LOCATION OF CONCRETE TRUCK WASH TO BE ESTABLISHED BY GENERAL CONTRACTOR AND APPROVED BY OWNER. LOCATION SHALL BE OFF OF HARD SURFACE AND AT LEAST 20' AWAY FROM NEAREST STORM DRAIN INLET STRUCTURE.
- 4. NOT USED.
- 5. UTILIZE EXISTING PAVED ENTRANCE AS STABILIZED CONSTRUCTION ENTRANCE FOR CONSTRUCTION ACCESS.
- 6. CONTRACTOR MATERIAL AND EQUIPMENT STAGING, STORAGE, AND PORTA POTTY AREA.
- DEBRIS AND GARBAGE STORAGE AREA (TO BE CONTAINED IN A COVERED GARBAGE DUMPSTER). REFER TO ESCP CONSTRUCTION NOTES, WASTE MANAGEMENT PROCEDURES, ON SHEET CE1.01. FOR ADDITIONAL REQUIREMENTS.
- 8. FILED UNDERDRAINAGE SYSTEM: PROTECT NEW FIELD AND UNDERDRAINAGE SYSTEM FROM SEDIMENTATION OR OTHER DAMAGE. INSTALL PERIMETER CONTROLS, AS NEEDED, TO PROTECT FIELD. ONCE INSTALLED NEW FIELD SECTION SHOULD NOT BE USED FOR CONSTRUCTION STAGING AREA. REFER TO TEMPORARY DRAINAGE NOTES. IF CONSTRUCTION STORMWATER IS INADVERTANTLY DISCGARGED TO INFILTARTION FACILITIES, NOTIFY ENGINEER, CLEAN SEDIMENTATION FROM THE INFILTRATION FACILITY, AND DISPOSE OF SEDIMENT OFFSITE.

#### **SHEET NOTES**

- A. REFER TO SHEET <u>EC1.01</u> FOR EROSION AND SEDIMENTATION CONTROL NOTES.
- B. REFER TO SHEET <u>EC1.07</u> FOR EROSION AND SEDIMENTATION CONTROL DETAILS.
- C. REFER TO SHEETS C3.0, C3.1, FOR SITE GRADING PLAN, LANDSCAPING PLANS, AND DETAILS.
- D. REFER TO SHEETS <u>C1.00</u> FOR PROPOSED UTILITIES.

EROSION SEDIMENTATION CONTROL LEGEND

FENCING

CONSTRUCTION FENCING

EXISTING TREE TO BE PROTECTED

EXISTING DRAINAGE FLOW PATTERN

EXISTING INLET TO BE PROTECTED

NEW INLET TO BE INSTALLED AND PROTECTED

CONSTRUCTION TRAFFIC ACCESS ROUTING

CONCRETE PEDESTRIAN PAVEMENT

SYNTHETIC FIELD TURF

CONCRETE TRUCK WASH AREA WITH DESIGNATION SIGN

- E. REFER TO SHEETS <u>L000</u> AND <u>L001</u> FOR TREE PROTECTION REQUIREMENTS. F. PROVIDE PRE-CONSTRUCTION NOTIFICATION TO DEQ ONE WEEK PRIOR TO
- START OF CONSTRUCTION. SEE SHEET <u>EC1.00</u> FOR ADDITIONAL INFORMATION.
- G. SWEEP/CLEAN PAVED SURFACES DAILY AT MINIMUM TO REDUCE SEDIMENT RUNOFF TO THE STORM SYSTEM AND REMOVE HAZARDS TO VEHICLES AND
- H. IMPLEMENT DUST CONTROL MEASURES AT ALL TIMES PER THE REQUIREMENTS OF SHEET EC1.01.

EXISTING CONTOUR ELEVATION — MAJOR EXISTING CONTOUR ELEVATION — MINOR

PERIMETER CONTROL: CONTINUOUS BIO BERM,

COMPOST SOCK, STRAW WATTLES, OR SEDIMENT

APPROXIMATE LIMITS OF CONSTRUCTION / MAJOR SOIL

NEW CONTOUR ELEVATION - MAJOR NEW CONTOUR ELEVATION - MINOR

Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

CAMERON

541-485-7385 www.cameronmccarthy.com

> 940 Willamette Street, Suite 310 Eugene, OR 97401 TEL: 541.686.8478

www.mazzetti.com Project Number: 023-000175

 $\blacksquare$ 

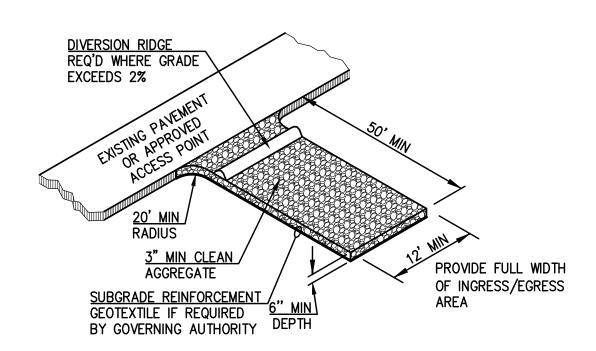
STAMP Checked: MDS Drawn By: Checked: 023-000175 Project #: 03.24.2025 LAND USE SHEET TITLE

SHEET #

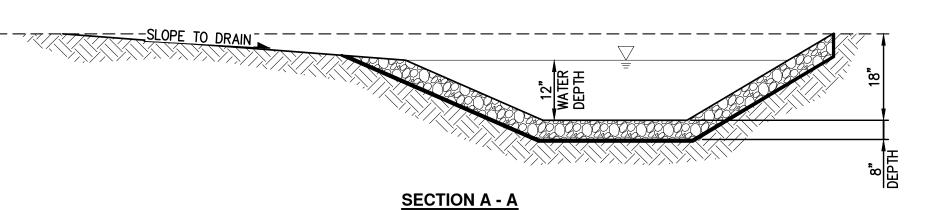
CE1.06

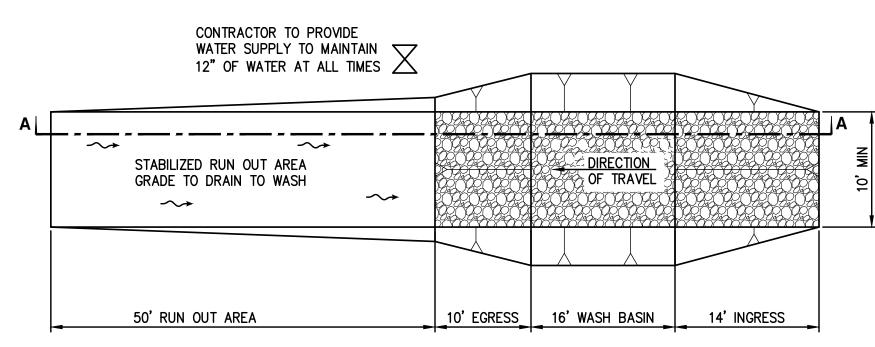
FINAL

**STABILIZATION** 



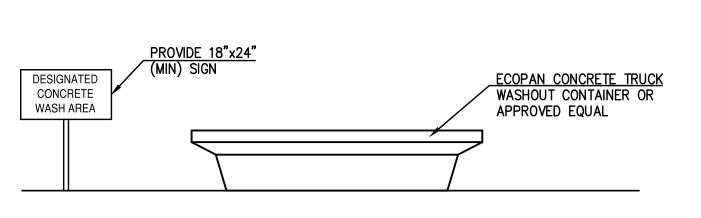
# STABILIZED CONSTRUCTION ENTRANCE



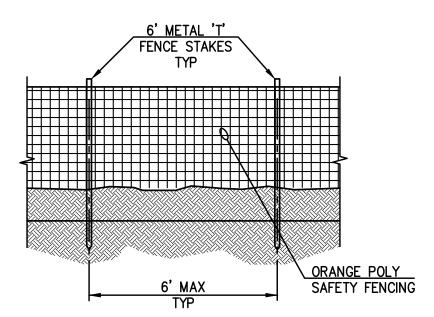


WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS IN TO AN APPROVED SEDIMENT TRAP OR BASIN. 2. CONTRACTOR TO REMOVE ACCUMULATED SEDIMENT FROM BOTTOM OF BASIN AND TO ENSURE WASH WATER COLLECTION AND TREATMENT IS FUNCTIONING.



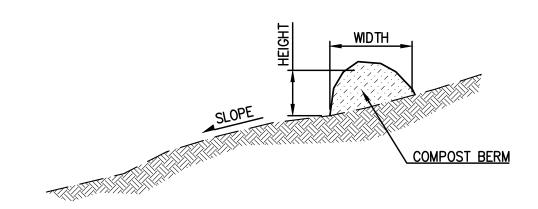


CONCRETE TRUCK WASH AREA



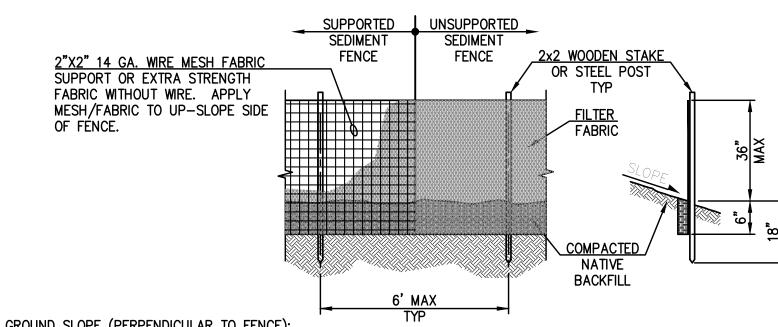
1. MAX SLOPE (PERPENDICULAR TO FENCE) — 1H:1V 2. INSTALL 10' UPHILL OF BIO BERM.





SLOPES LESS THAN 5% = 24"-36" WIDE BY 12"-18" HIGH SLOPES GREATER THAN 5% = 36"-48" WIDE BY 18"-24" HIGH 2. COMPOST MULCH SHALL BE MEDIUM-GRADE, MIXED YARD DEBRIS. 3. USE ID COMPOST ONLY.





1. MAX GROUND SLOPE (PERPENDICULAR TO FENCE): SUPPORTED FENCE - 1H:1V

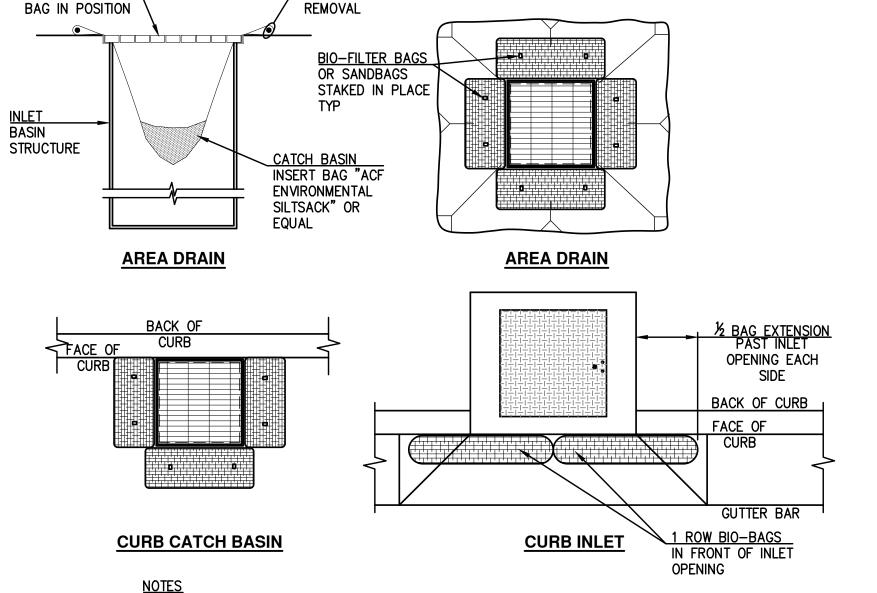
UNSUPPORTED FENCE - 4H:1V 2. SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS

OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0°F TO 120°F. 3. FILTER FABRIC SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POSTS WITH A MINIMUM OF 6 INCH OVERLAP AND BOTH ENDS

4. CONTINUOUS BIO BERM MAY BE INSTALLED AT UPHILL BASE OF FILTER FABRIC IN LIEU OF BURYING BOTTOM OF FABRIC.

5. USE STAPLES OR WIRE RINGS TO ATTACH FILTER FABRIC TO WIRE SUPPORT FABRIC.





INSERT BAG EXTENSION WITH REBAR FOR BAG

REMOVAL

BASIN GRATE TO HOLD INSERT

1. PRIOR TO 1st PAVEMENT LIFT, REMOVE BIO-BAG/SANDBAG BARRIERS AND INSTALL BASIN INSERT BAG OR CURB INLET SEDIMENT DAM AT ALL INLET STRUCTURES.





Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385

Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

www.cameronmccarthy.com

Project Number: 023-000175

909

STAMP Checked:

B IE

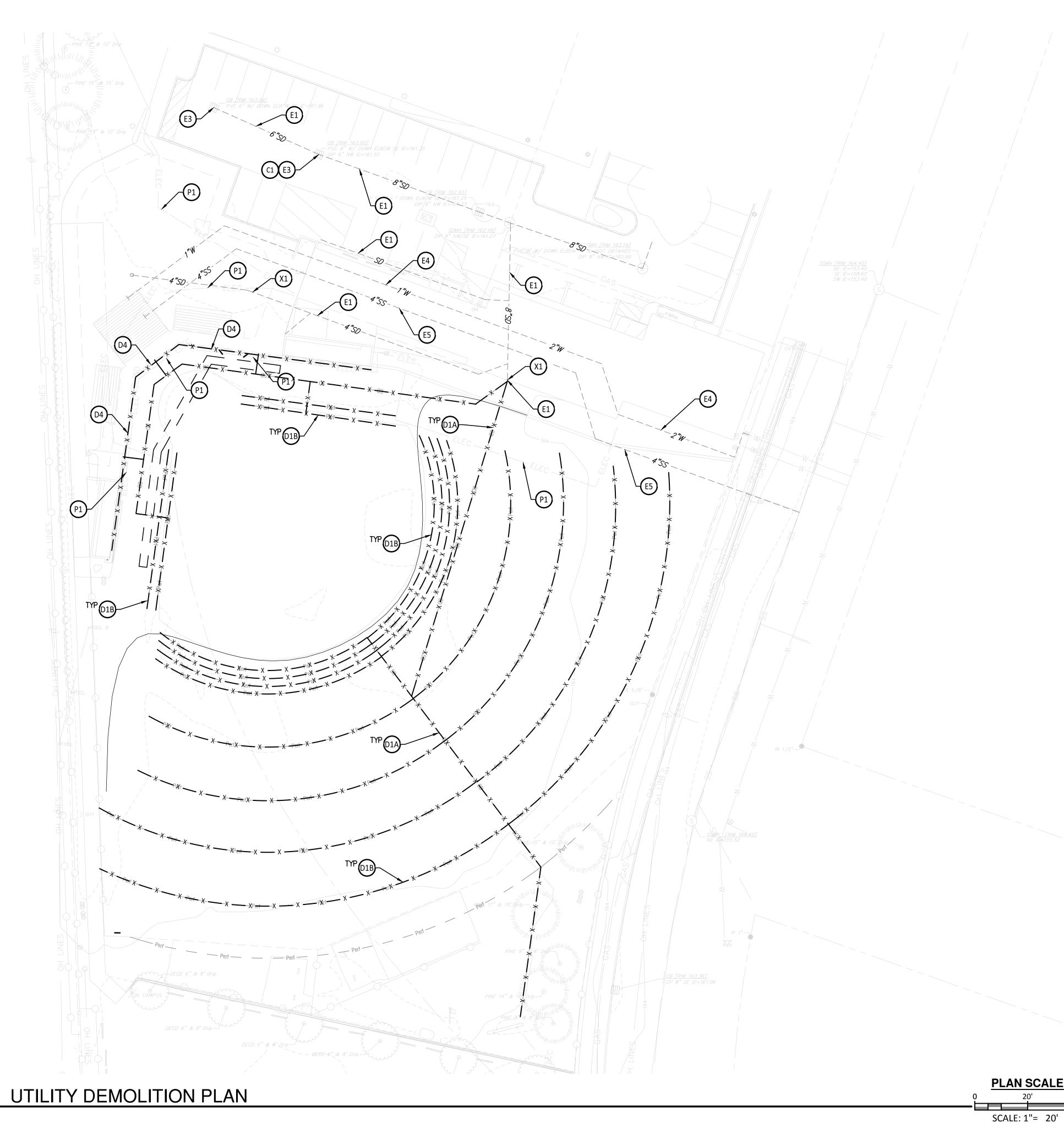
GTL MDS Drawn By: Checked: 023-000175 Project #: 03.24.2025 Date: Rev. #:

LAND USE

SHEET TITLE

**EROSION AND** SEDIMENT CONTROL DETAILS

SHEET#



#### **SHEET NOTES**

- 1. REFER TO SHEET <u>C2.00</u> FOR LEGENDS AND GENERAL NOTES.
- 2. REFER TO LANDSCAPE DRAWINGS FOR PROPOSED IMPROVEMENTS AND LIMITS OF WORK.
- 3. REFER TO LANDSCAPE DRAWINGS FOR IRRIGATION DEMOLITION AND MODIFICATION.
- 4. REFER TO LANDSCAPE DRAWINGS FOR SURFACE FEATURE DEMOLITION AND SALVAGE.

#### **GENERAL UTILITY DEMOLITION NOTES**

- A. PROTECT EXISTING ELEMENTS TO REMAIN IN PLACE, EXCEPT WHERE OTHERWISE NOTED.
- UTILITIES OR STRUCTURES TO BE DEMOLISHED SHALL BE REMOVED IN ENTIRETY. BACKFILL VOID WITH COMPACTED CRUSHED ROCK, AS SPECIFIED.
- C. WHERE APPROVED, PIPES TO BE ABANDONED IN PLACE SHALL BE CAPPED AT BOTH ENDS INCLUDING ABANDONED PIPES INTERCEPTED BY SUBSEQUENT UTILITY CONSTRUCTION.
- D. PROVIDE AS-BUILT MAP OF EXISTING UTILITIES AND STRUCTURES ABANDONED IN PLACE WITH CDF
- PIPES NOT SHOWN ON THIS PLAN THAT ARE ENCOUNTERED DURING EXCAVATION OR TRENCHING MUST BE IDENTIFIED PRIOR TO REMOVAL OR ABANDONMENT. NOTIFY ENGINEER OF PIPES ENCOUNTERED THAT ARE NOT SHOWN ON THIS PLAN.
- REFER TO GRADING PLANS AND SITE PLANS TO DETERMINE REQUIRED SUBGRADE ELEVATIONS. REFER TO SECTION 31 20 00 FOR ADDITIONAL EXCAVATION REQUIREMENTS.

#### **CONSTRUCTION NOTES**

- C1. CONNECTION POINT. REFER TO C1.00 FOR CONTINUATION.
- D1A. EXISTING STORM DRAIN PIPE TO BE REMOVED.
- D1B. EXISTING SUBDRAINAGE PIPE TO BE REMOVED.
- D3. NOT USED. D4. EXISTING TRENCH DRAIN TO BE REMOVED.
- E1. EXISTING STORM DRAIN TO REMAIN. E2. NOT USED.
- E3. EXISTING CATCH BASIN TO REMAIN. E4. NOT USED.
- E5. EXISTING PRIVATE SANITARY SEWER TO REMAIN.
- U1. CROSSING UNDER EXISTING COMMUNICATIONS AND POWER UTILITIES. MAINTAIN 12" MINIMUM CLEARANCE BETWEEN BOTTOM OF EXISTING UTILITIES AND NEW STORM DRAIN. LOCATION OF EXISTING UTILITIES UNKNOWN. COORDINATE WITH SERVING UTILITIES TO ESTABLISH LOCATIONS PRIOR TO CONSTRUCTION AND POTHOLING. POTHOLE AT CROSSING POINTS AND VERIFY CLEARANCE CAN BE ACHIEVED. PROVIDE TEMPORARY SUPPORT/SHORING TO PROTECT EXISTING UTILITIES AS
- P1. EXISTING UNDERGROUND POWER: RECONSTRUCT TO MAINTAIN MINIMUM COVER (MATCH EXISTING). CONDUIT MAY REMAIN IN PLACE IF MINIMUM COVER CAN BE MAINTAINED AND PROTECTED DURING CONSTRUCTION.
- P2. EXISTING UNDERGROUND POWER TO REMAIN.
- X1. STORM DRAIN EXPLORATORY WORK: PROVIDE POTHOLING, PRIVATE LOCATES, AND TV-INSPECTION TO DETERMINE ROUTING FOR EXISTING STORM DRAINS. RECONNECT / REROUTE EXISTING PIPES PER C1.00. SUBMIT FINDINGS TO ENGINEER 2-WEEKS PRIOR TO CONSTRÚCTION.

#### **UTILITY DEMOLITION LEGEND**

EX UTILITY TO REMAIN

EX UTILITY TO BE DEMOLISHED

EX UTILITY STRUCTURE TO BE DEMOLISHED

**Landscape Architecture & Planning** 160 E Broadway, Eugene, OR 97401

133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385

940 Willamette Street, Suite 31 Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

www.cameronmccarthy.com

Project Number: 023-000175

ВШ

09

Checked:

Drawn By: Checked: 023-000175 03.24.2025

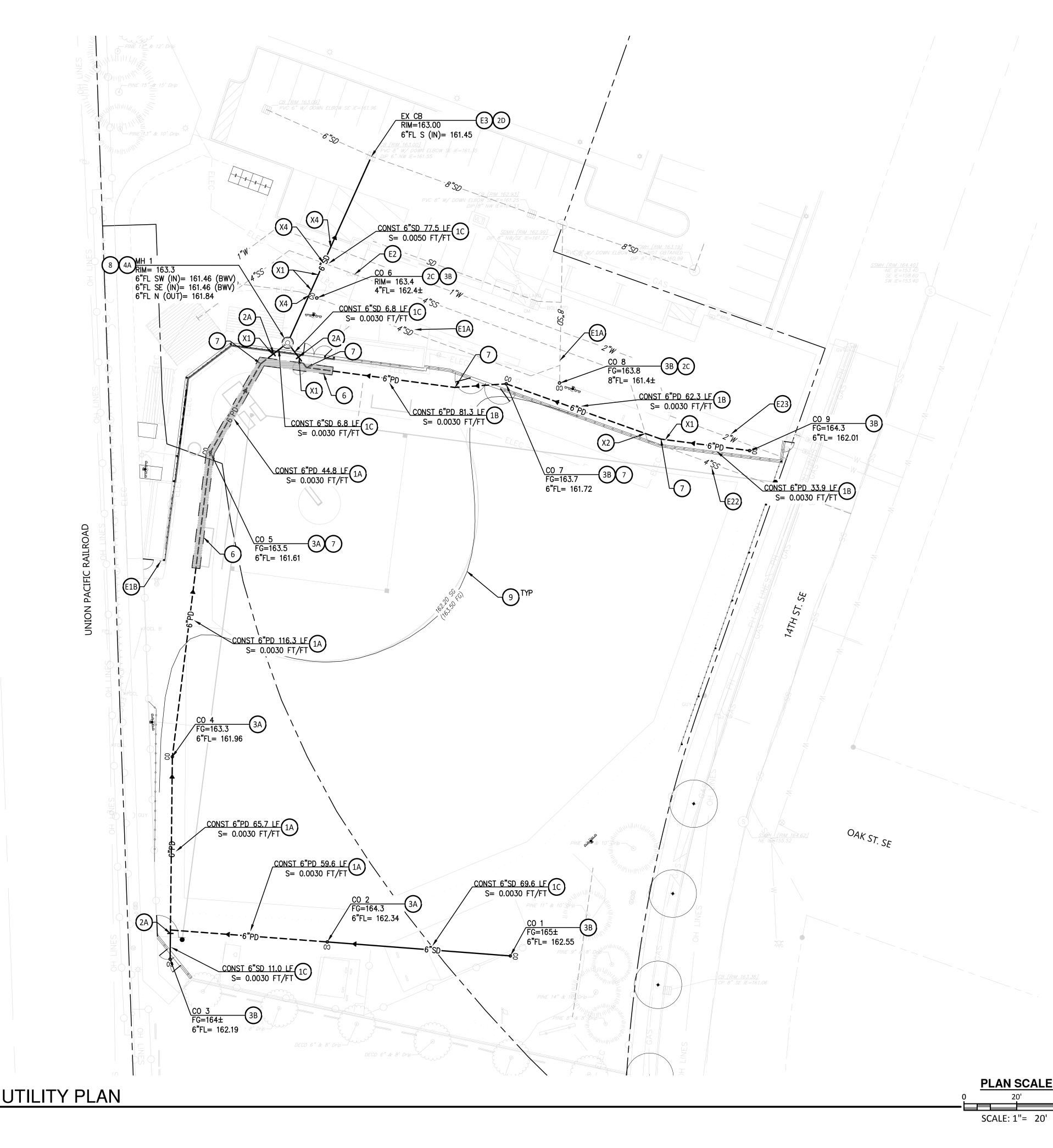
LAND USE

SHEET TITLE

UTILITY **DEMOLITION** PLAN

SHEET#

C0.01



**SHEET NOTES** 

- REFER TO TOPOGRAPHICAL SURVEY SHEETS FOR EXISTING SITE CONDITIONS.
- REFER TO SHEET CE1.00 AND CE1.01 FOR EROSION AND SEDIMENTATION CONTROL NOTES.
- REFER TO SHEET <u>CE1.07</u> FOR EROSION AND SEDIMENTATION CONTROL DETAILS
- REFER TO SHEET <u>L101</u> FOR SITE DEMOLITION.
- REFER TO SHEET <u>CO.01</u> FOR DEMOLITION OF EXISTING UTILITIES.
- REFER TO SHEET <u>L100</u> FOR TREE REMOVAL AND PROTECTION.
- REFER TO SHEET <u>C2.00</u> FOR LEGENDS AND GENERAL NOTES.
- CONSTRUCT TRENCHING AND BACKFILL PER DETAIL A/C2.00 IN AREAS OUTSIDE OF SYNTHETIC TURF FIELD FOOTPRINT.
- CONSTRUCT LATERAL CONNECTIONS PER DETAIL 3/C2.00.
- 10. BACKFILL USING CDF WHERE COMPACTION OF CRUSHED ROCK BACKFILL CANNOT BE ACHIEVED.
- ALIGN UTILITY STRUCTURES WITH ADJOINING CONCRETE WORK. COORDINATE BETWEEN TRADES TO ENSURE CONSISTENT HORIZONTAL CONTROL IS USED.

#### **SURVEY / UTILITY NOTES**

- SURVEY DATA IS BASED ON COMPILATION OF RECORD INFORMATION AND IS INCOMPLETE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO
- LOCATIONS OF EXISTING UTILITIES ARE NOT KNOWN. CONTRACTOR IS RESPONSIBLE FOR OBTAINING UTILITY LOCATES (PRIVATE AND PUBLIC) AND COORDINATING WITH SERVING UTILITIES TO ESTABLISH LOCATIONS AND CONFIRM NECESSARY CLEARANCES.

#### **CONSTRUCTION NOTES**

- CONSTRUCT FIELD DRAINAGE HEADER PIPE PER LANDSCAPE DETAILS AND DETAIL 4/C2.00.
- CONSTRUCT PERFORATED PIPE. 1C. CONSTRUCT SOLID WALL STORM DRAIN PIPE PER SECTION A/C2.00
- 2A. CONNECT SOLID WALL PIPE TO PERFORATED PIPE CONNECT TO EXISTING PIPE.
- CONNECT TO EXISTING PIPE. PERFORM EXPLORATORY WORK PER CO.01 AND POTHOLE AT CONNECTION POINT TO VERIFY LOCATION AND ELEVATION.
- 2D. CONNECT TO EXISTING CATCHBASIN. CORE DRILL CB WALL AND GROUT PIPE WATERTIGHT.
- 3A. CONSTRUCT CLEANOUT WITHIN SYNTHETIC TURF PER DETAILS 1/C2.01 AND 2/C2.01.
- 3B. CONSTRUCT CLEANOUT OUTSIDE OF SYNTHETIC TURF PER DETAIL 1/C2.01.
- 4A. CONSTRUCT MANHOLE WITH 2' SUMP PER DETAIL RD335, RD336, RD345, AND RD356/C2.02.
- CONSTRUCT INFILTRATION TRENCH PER DETAIL 3/C2.01.
- INSTALL BEND FITTINGS (11.25° MAX) AND DEFLECT PIPE PER MANUFACTURER RECOMMENDATIONS TO FOLLOW CURVED ALIGNMENT SHOWN.
- INSTALL BACKWATER VALVE ON INDICATED PIPE PER DETAIL 2/C2.00.
- CONSTRUCT ROCK CHECK DAM PER DETAIL 1/C2.00.
- E1A. EXISTING STORM DRAIN TO REMAIN.
- E1B. EXISTING DOWNSPOUT AND SPLASH BLOCK TO REMAIN. E2. EXISTING SS CLEANOUT TO REMAIN.
- E3. EXISTING CATCH BASIN TO REMAIN
- E22. EXISTING PRIVATE SANITARY SEWER TO REMAIN.
- E23. EXISTING PRIVATE WATER LINE TO REMAIN.

ELEVATION OF EXISTING UTILITIES IS UNKNOWN. POTHOLE IN ADVANCE OF CONSTRUCTION TO DETERMINE ELEVATION AND PROVIDE FINDINGS TO ENGINEER AND NOTIFY ENGINEER IF MINIMUM CLEARANCE CANNOT BE MAINTAINED. FOR CROSSINGS WITH NEW UTILITIES, COORDINATE WORK AND SCHEDULE BETWEEN TRADES TO ENSURE VERTICAL CLEARANCE / OFFSETS ARE PROVIDED. PROVIDE

CDF BACKFILL WHERE ADEQUATE COMPACTION CANNOT BE ACHIEVED. 1. UTILITY CROSSING - STORM AND EXISTING POWER / COMMUNICATIONS: POTHOLE. MAINTAIN 6" MINIMUM CLEARANCE.

2. <u>UTILITY CROSSING - STORM AND EXISTING SANITARY SEWER:</u>

POTHOLE. MAINTAIN 6" MINIMUM CLEARANCE.

3. <u>UTILITY CROSSING - STORM AND NEW POWER:</u> ELEVATION OF STORM IS FIXED. ADJUST ELEVATION OF POWER TO MAINTAIN 6" MINIMUM CLEARANCE AND MAINTAIN COVER OVER POWER.

4. <u>UTILITY CROSSING - STORM AND INACTIVE UTILITIES:</u> EXISTING UTILITES ARE SHOWN ON AS-BUILT DRAWINGS AS "FUTURE" UTILITIES AND ARE ASSUMED TO BE INACTIVE. IF GRADE CONFLICTS WITH NEW STORM, CONFIRM THAT UTILITY IS INACTIVE AND

CUT AND CAP PIPE AT CROSSING.

- L1A. FLAT SUBDRAINAGE PIPE PER LANDSCAPE DRAWINGS. L1B. DISCHARGE FLAT FIELD SUBDRAINAGE PIPE TO FIELD DRAINAGE HEADER PIPE PER LANDSCAPE
- L2. REFER TO LANDSCAPE DRAWINGS FOR TREE PROTECTION.
- P1. RECONSTRUCT TO MAINTAIN MINIMUM COVER (MATCH EXISTING). CONDUIT MAY REMAIN IN PLACE IF MINIMUM COVER CAN BE MAINTAINED AND PROTECTED DURING CONSTRUCTION



**Landscape Architecture & Planning** 

160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

541-485-7385 www.cameronmccarthy.com

Eugene, OR 97401 TEL: 541.686.8478

www.mazzetti.com Project Number: 023-000175

09

STAMP GTL Checked: Drawn By:

MDS Checked: 023-000175 Project #: 03.24.2025 Date:

Rev. #:

LAND USE

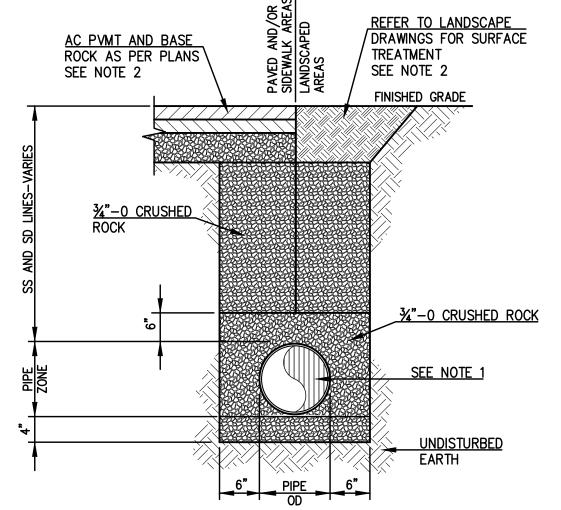
SHEET TITLE UTILITY PLAN

SHEET #

C1.00

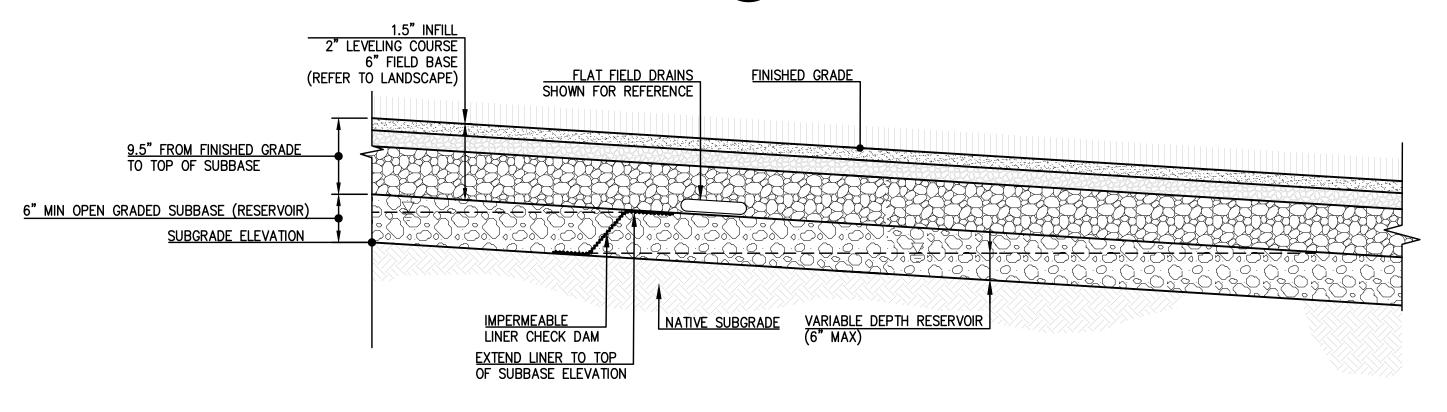
- THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING PROPERTY AND STREET MONUMENTS PRIOR TO CONSTRUCTION. ANY MONUMENTS DISTURBED DURING CONSTRUCTION OF THE PROJECT SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. THE MONUMENTS SHALL BE REPLACED WITHIN A MAXIMUM OF 90 DAYS, AND THE COUNTY SURVEYOR SHALL BE NOTIFIED IN WRITING AS REQUIRED BY ORS 209.150.
- 2. LOCATIONS OF EXISTING UTILITIES ARE ASSUMED FROM INFORMATION AVAILABLE AND ARE NOT GUARANTEED TO BE COMPLETE AND ACCURATE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES.
- 3. PRIOR TO CONSTRUCTION, POTHOLE AND VERIFY LOCATION AND ELEVATION OF EXISTING STORM, SANITARY, AND WATER UTILITIES AT CONNECTION POINT(S) SHOWN ON PLANS, AND OF OTHER UTILITIES AT CROSSINGS WITH NEW UTILITIES. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS.
- 4. CONTRACTOR SHALL NOTIFY EACH UNDERGROUND UTILITY PRIOR TO EXCAVATING, BORING, OR POTHOLING. ATTENTION: OREGON LAW REQUIRES THE CONTRACTOR TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN O.A.R. 952-001-0010 - 952-001-0090. THE CONTRACTOR MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS 1-800-332-2344)
- 5. CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS AND COMPLY WITH REQUIREMENTS AND SPECIFICATIONS OF ANY RESPECTIVE UTILITY COMPANY FOR UTILITIES TO BE CUT, MOVED, RELOCATED, OR RE-CONNECTED TO AN EXISTING FACILITY.
- 6. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ANY SERVING UTILITY COMPANY INSTALLING UTILITIES ON SITE. CONSTRUCTION OF OTHER UTILITIES MAY OCCUR AT SAME TIME ON SITE.
- 7. QUANTITIES SHOWN ARE FOR THE PURPOSE OF IDENTIFYING LENGTHS. ACTUAL QUANTITIES MAY VARY. CONTRACTOR TO PROVIDE QUANTITIES NEEDED FOR LAYOUT OF SYSTEM.
- 8. CONTRACTOR SHALL PROVIDE AND INSTALL FITTINGS AS REQUIRED TO COMPLETE PIPE CONNECTIONS AND TRANSITIONS PER PLAN, AND TO CONFORM TO TRENCHING REQUIREMENTS AND SITE GRADES.
- 9. MANHOLE AND CLEANOUT RIM ELEVATIONS ARE APPROXIMATE. FINAL ELEVATIONS MAY VARY AND SHALL MATCH FINISHED ELEVATIONS OF ADJACENT SURFACES.
- 10. TRACER WIRE SHALL ENTER ALL MANHOLE, CATCH BASIN, INLET, CLEANOUT, AND VALVE BOX STRUCTURES. EXTEND TRACER WIRE INTO STRUCTURE FAR ENOUGH TO PROVIDE ADEQUATE FREE WIRE TO EXTEND END OF WIRE 24" ABOVE/OUTSIDE OF STRUCTURE TO FACILITATE TESTING. COIL AND SECURE TRACER WIRE WITHIN EASY REACH OF STRUCTURE OPENING. VERIFY WIRE IS CLEAR OF ALL FILL MATERIAL IN CLEANOUT AND VALVE BOX STRUCTURES.
- 11. ALL STORM DRAIN AND SANITARY SEWER LATERAL CONNECTIONS TO BE CONSTRUCTED USING WYE FITTINGS OR MANHOLES. HORIZONTAL BENDS SHALL BE MADE USING FITTINGS WITH MAXIMUM 45° BEND.
- 12. CAP AND MARK ALL STORM PIPE ENDS WITH A 2"x4" BOARD STUCK IN GROUND. END OF BOARD SHALL BE PAINTED WHITE AND EXTEND MINIMUM 18" ABOVE GROUND SURFACE.
- 13. REFER TO SHEET <u>CE</u>-SERIES DRAWINGS, FOR EROSION SEDIMENT CONTROL MEASURES AND ADDITIONAL CONSTRUCTION REQUIREMENTS.

CIVIL SYMBOLS AND ABBREVIATIONS LIST					
SYMBOL	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION	
6"SD	SD	STORM DRAIN	DI	DUCTILE IRON PIPE MATERIAL	
6"PD	PD	PERFORATED STORM DRAIN	DIA	DIAMETER	
<b>———</b>	_	FLOW DIRECTION ARROW	ELEV	ELEVATION	
	MH	MANHOLE STRUCTURE	ESC	EROSION SEDIMENTATION CONTROL	
	MIT	MANHOLE STRUCTURE	EX	EXISTING	
	AD	AREA DRAIN	FL	FLOWLINE	
CO O	СО	STANDARD CLEANOUT	FS	FINISHED SURFACE ELEVATION (LANDSCAPE AREAS)	
FC0 O	FCO	FIELD CLEANOUT	LF	LINEAR FEET	
(22A)	_	CONSTRUCTION NOTE WITH	MAX	MAXIMUM	
(ZZA)		REFERENCE NUMBER	ME	MATCH EXISTING	
(10) (C-500)	DET	DETAIL REFERENCE — DETAIL # OVER SHEET #	MIN	MINIMUM	
			PCC	PORTLAND CEMENT CONCRETE	
	AC	ASPHALT CONCRETE	PL	PROPERTY LINE	
	BLDG	BUILDING	S=	SLOPE=	
	CONC	CONCRETE	TYP	TYPICAL	
	CONST	CONSTRUCT	STD	STANDARD	



- 1. WITHIN 5' OF A BUILDING STRUCTURE, BUILDING CODE APPROVED PIPE MATERIAL AND ¾"-0 CRUSHED ROCK BACKFILL SHALL BE USED.
- 2. IN AREAS OUTSIDE OF PROPOSED IMPROVEMENTS, SAWCUT, REMOVE AND REPAIR EXISTING SURFACES TO MATCH EXISTING ASPHALT, CONCRETE, OR LANDSCAPING IN AREAS WHICH DO NOT RECEIVE NEW IMPROVEMENTS. PROVIDE 4" MIN DEPTH ASPHALT PAVEMENT, 4" MIN DEPTH CONCRETE PAVEMENT, OR MATCH EXISTING PAVEMENT DEPTH, WHICHEVER IS GREATER.
- INSTALL TRACER WIRE ON ANY PIPELINE(S) CONSTRUCTED OF NON-METALLIC PIPE MATERIAL. 4. BACKFILL WITH CDF WHERE COMPACTION WITH CRUSHED ROCK BACKFILL CANNOT BE ACHIEVED.





OPTION A
DROP CONNECTION SEE NOTE 3 PE x PE
PIPE SPOOL PIPE LATERAL DIAMETER AND 45° BEND (GASKETED SLOPE PER PLAN 2' LONG PE x PE PIPE SPOO x GASKETED) LENGTH AS REQ'I PROJECTED FLOWLINE AS FLEX- TRANSITION INDICATED ON PLAN STRAIGHT SLOPE CONNECTION SEE NOTE 3 DIAMETER PER PLAN

1. DIAMETER OF ALL PIPE AND FITTINGS TO MATCH LATERAL DIAMETER UNLESS NOTED OTHERWISE.

2. MANUFACTURED WYE FITTING REQ'D FOR ALL CONNECTIONS UNLESS OTHERWISE NOTED. ROTATE WYE FITTING ABOUT MAIN PIPE AXIS, AND 45° BEND FITTING ABOUT LATERAL PIPE AXIS TO OBTAIN PROPER CONNECTION ALIGNMENT

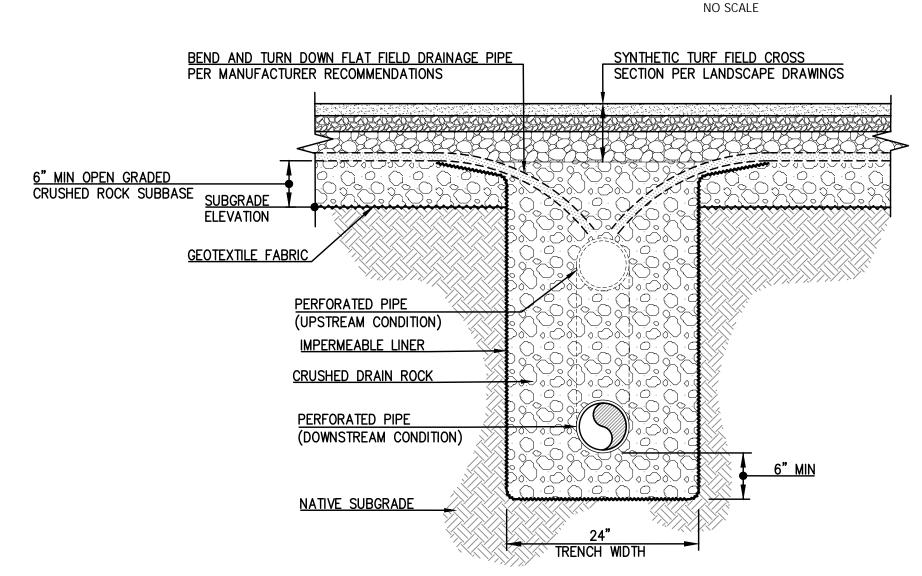
- 3. FOR LATERAL CONNECTIONS TO EXISTING STORM DRAIN MAINS: FOR MAINLINES 15" AND SMALLER, INSTALL WYE FITTING. FOR MAINLINES 18" AND LARGER, CONNECT USING WYE FITTING OR INSERTA-TEE, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- 4. CONTRACTOR'S OPTION TO CONNECT LATERAL TO MAIN USING OPTION A DROP CONNECTION OR OPTION B - STRAIGHT SLOPE CONNECTION. STRAIGHT SLOPE CONNECTION REQUIRES SLOPE= 0.0100 FT/FT
- 5. SLOPES FOR LATERALS SHOWN IN STORM DRAIN PLANS ARE BASED ON OPTION A.

LATERAL CONNECTION

BARRIER ALONG THE EXTENTS SHOWN IN 1/C1.00 2. OVERLAP SHEETS OF IMPERMEABLE LINER BY A MINIMUM

# SYNTHETIC TURF FIELD CHECK DAM RESERVOIR

1. INSTALL LINER TO PROVIDE A CONTINUOUS IMPERMEABLE



PERFORATED FIELD COLLECTOR PIPE TRENCH

**Landscape Architecture & Planning** 160 E Broadway, Eugene, OR 97401

www.cameronmccarthy.com

М

ВШ

133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385

940 Willamette Street, Suite 31 Eugene, OR 97401 TEL: 541.686.8478

www.mazzetti.com Project Number: 023-000175

> $\propto$ ш шш

> > 09

Checked: MDS Drawn By: Checked: 023-000175 Project #: 03.24.2025 Date:

LAND USE

SHEET TITLE CIVIL GENERAL NOTES, LEGEND, AND DETAILS

SHEET #

C2.00

BACKWATER VALVE

TERMINAL BACKWATER VALVE

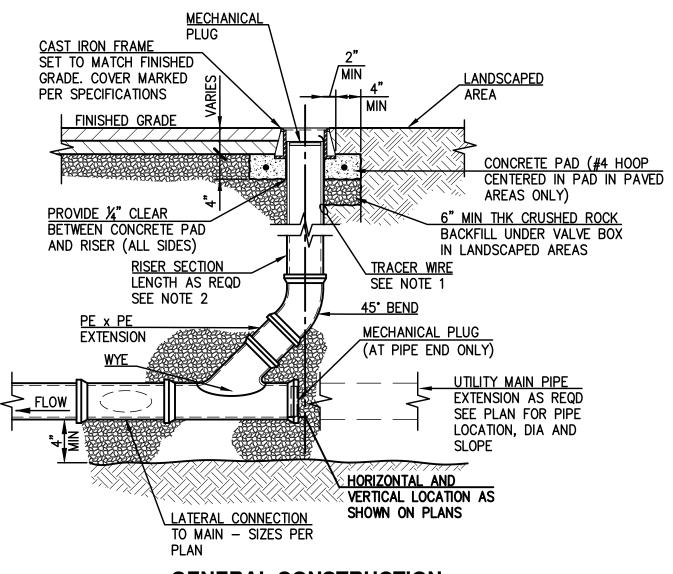
INLET PIPE PER PLAN

CORED HOLE
SEAL WITH GROUT (TYP)

NO SCALE

MANHOLE WALL

NO SCALE



#### **GENERAL CONSTRUCTION**

NOTES

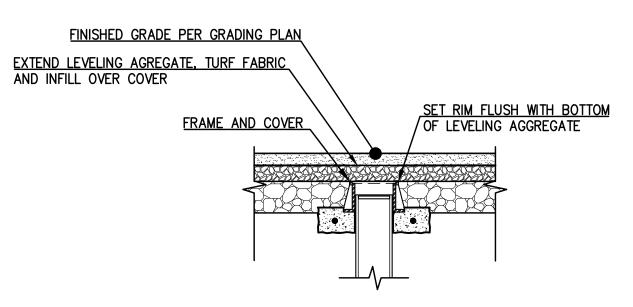
1. TRACER WIRE SHALL ENTER STRUCTURE WITH RISER PIPE. PROVIDE ENOUGH FREE WIRE TO SHALL ENTER STRUCTURE WITH RISER PIPE. PROVIDE ENOUGH FREE WIRE TO SHALL ENTER TO SHALL ENTER THE TESTING. WERE TO SHALL ENTER THE TESTING WERE EXTEND 24" ABOVE FINISHED GRADE TO FACILITATE TESTING. VERIFY FREE END OF WIRE IS WITHIN EASY REACH OF OPENING IN TOP SECTION. 2. RISER PIPE SIZE:

> 4", 6", AND 8" DIA MAIN - DIA TO MATCH MAIN 10" DIA AND LARGER MAIN — 8" DIA RISER PIPE

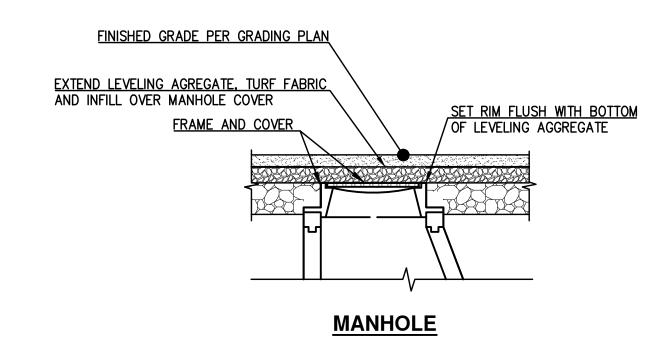
3. ADJUST END OF RISER PIPE TO MAINTAIN 2" MIN AND 4" MAX CLEARANCE BETWEEN END PIPE AND BOTTOM OF VALVE BOX LID.



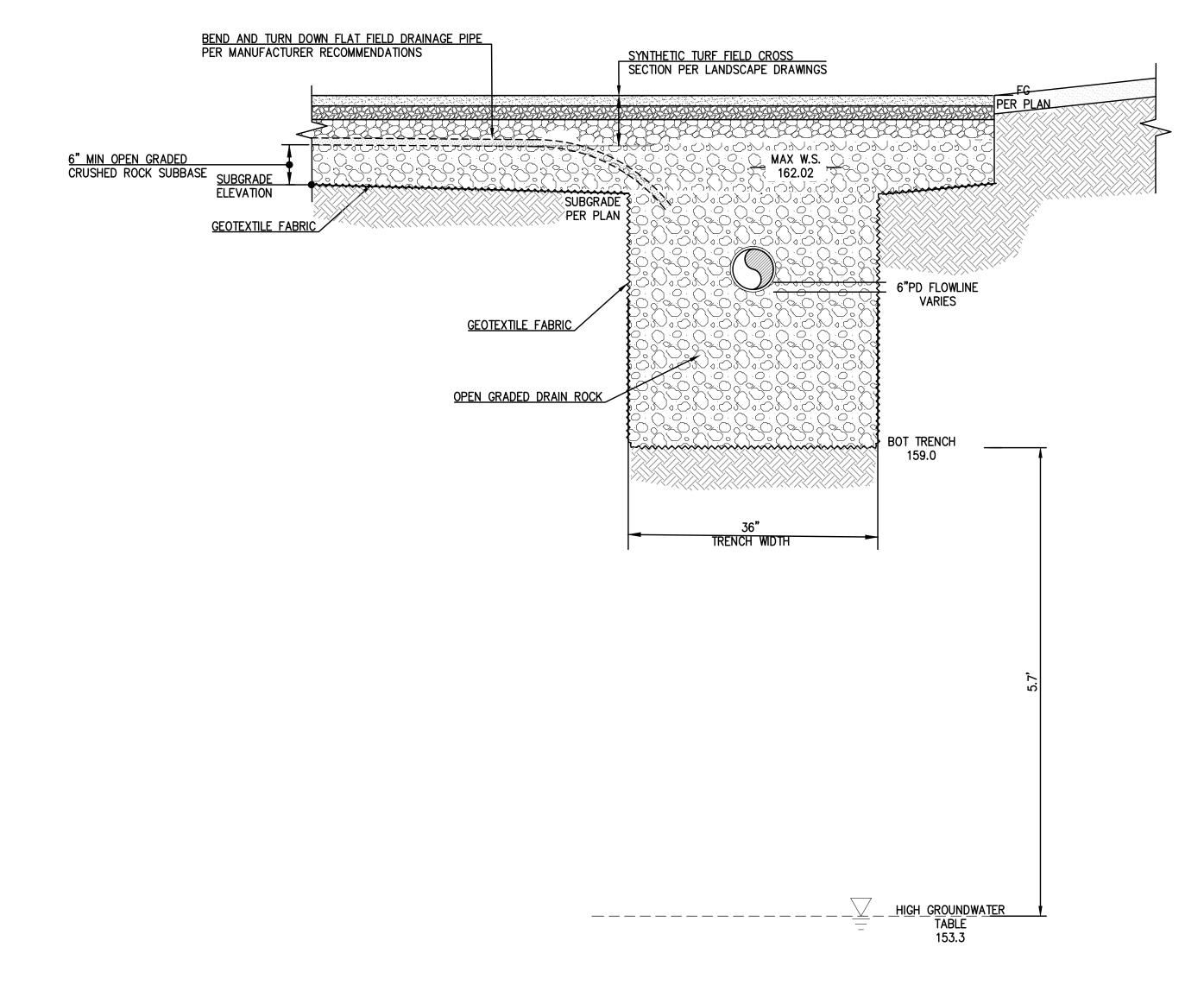
NO SCALE



#### **CLEANOUT / BACKWATER VAL**VE



# MANHOLE / CLEANOUT COVERS IN SYNTHETIC TURF AREAS







**Landscape Architecture & Planning** 160 E Broadway, Eugene, OR 97401

133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385

940 Willamette Street, Suite 310 Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

www.cameronmccarthy.com

Project Number: 023-000175

09

ВШ

Drawn By: Checked: 023-000175 Project #: 03.24.2025

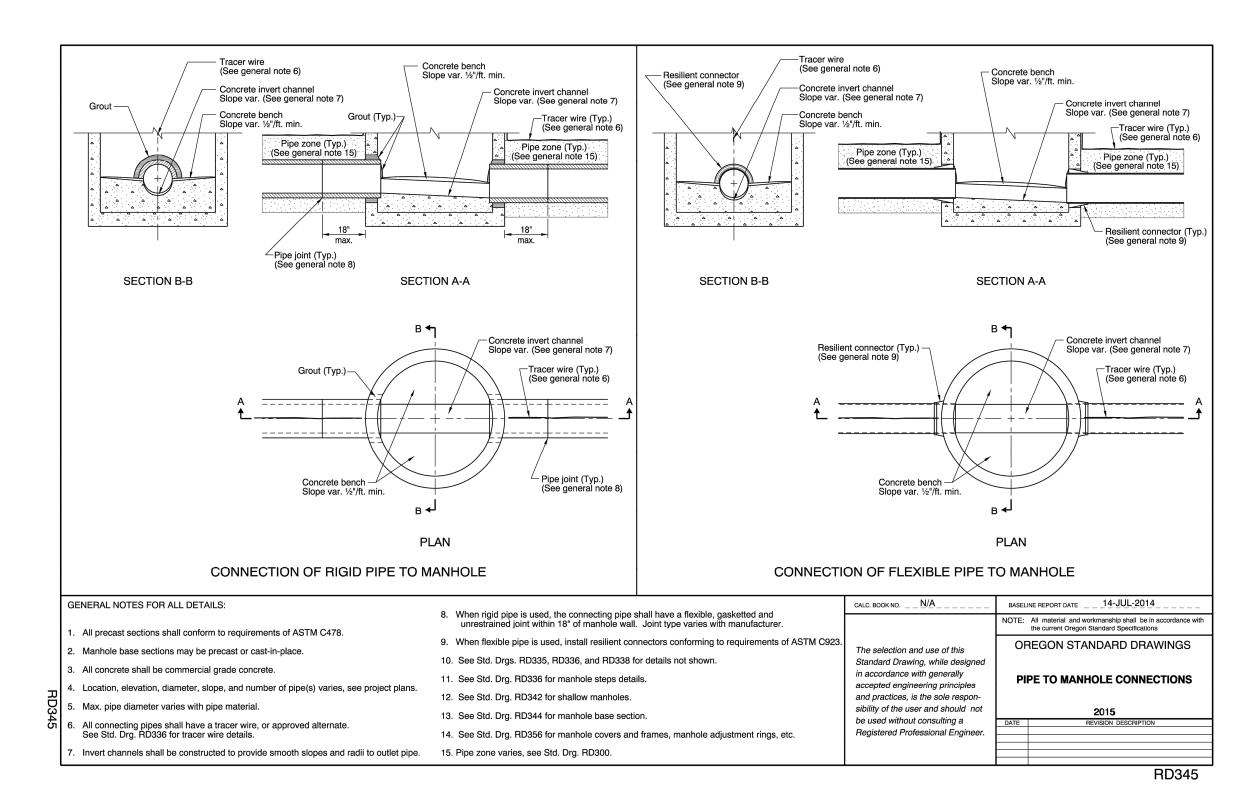
LAND USE

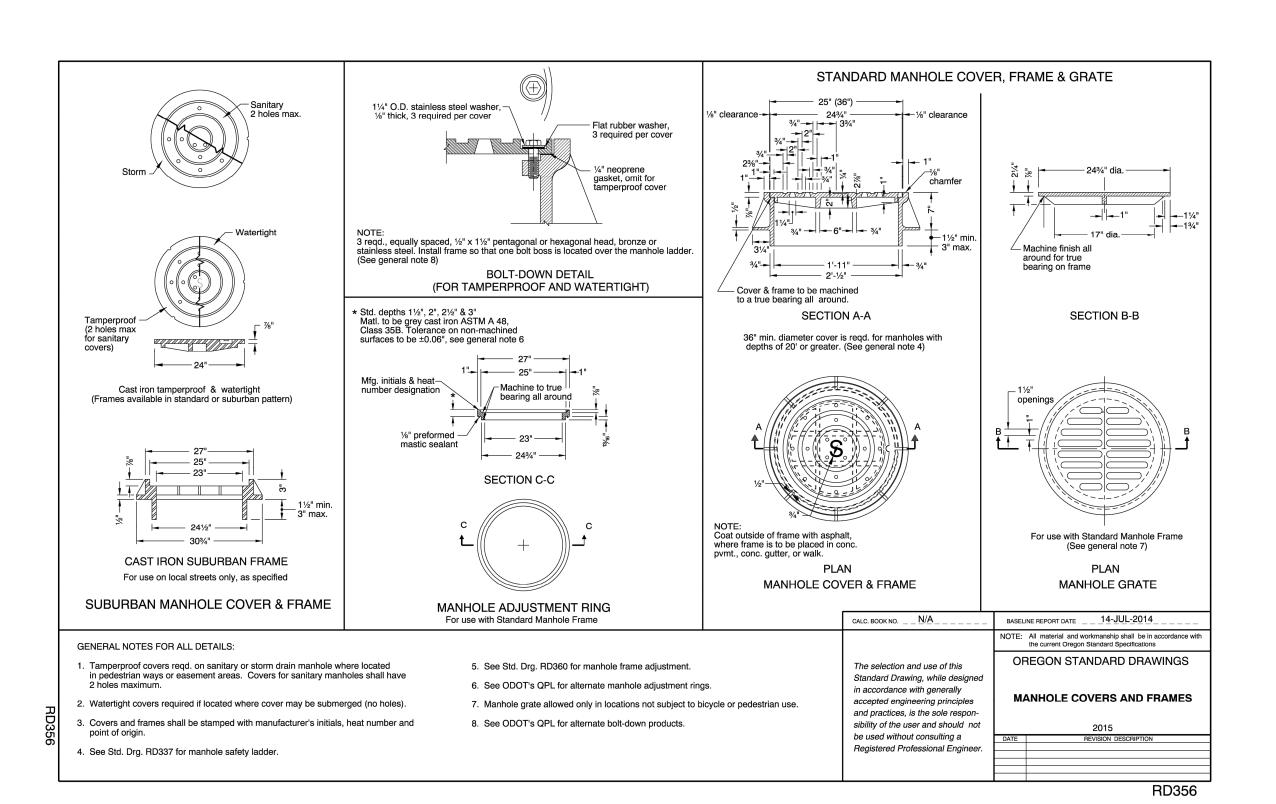
SHEET TITLE

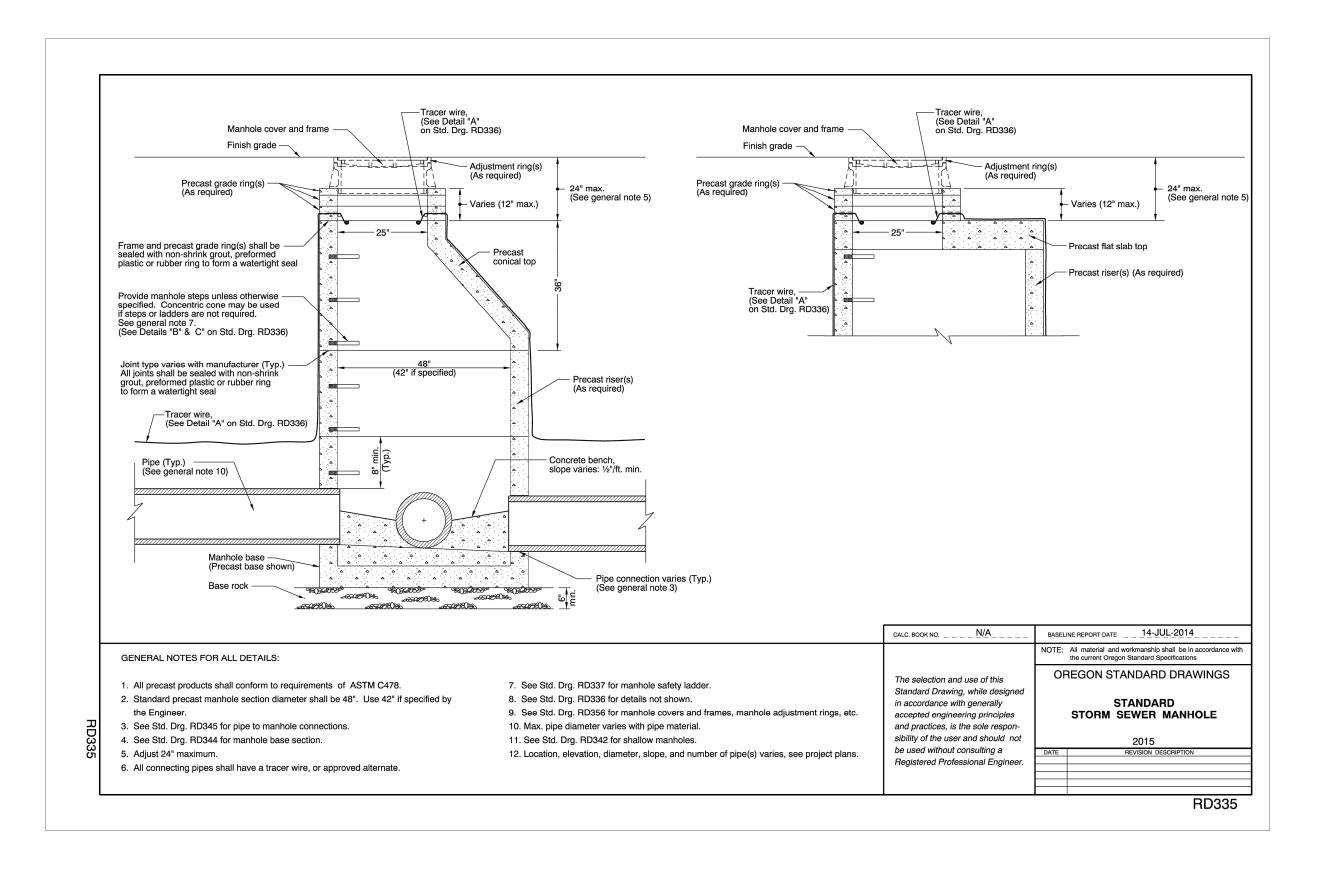
CIVIL DETAILS

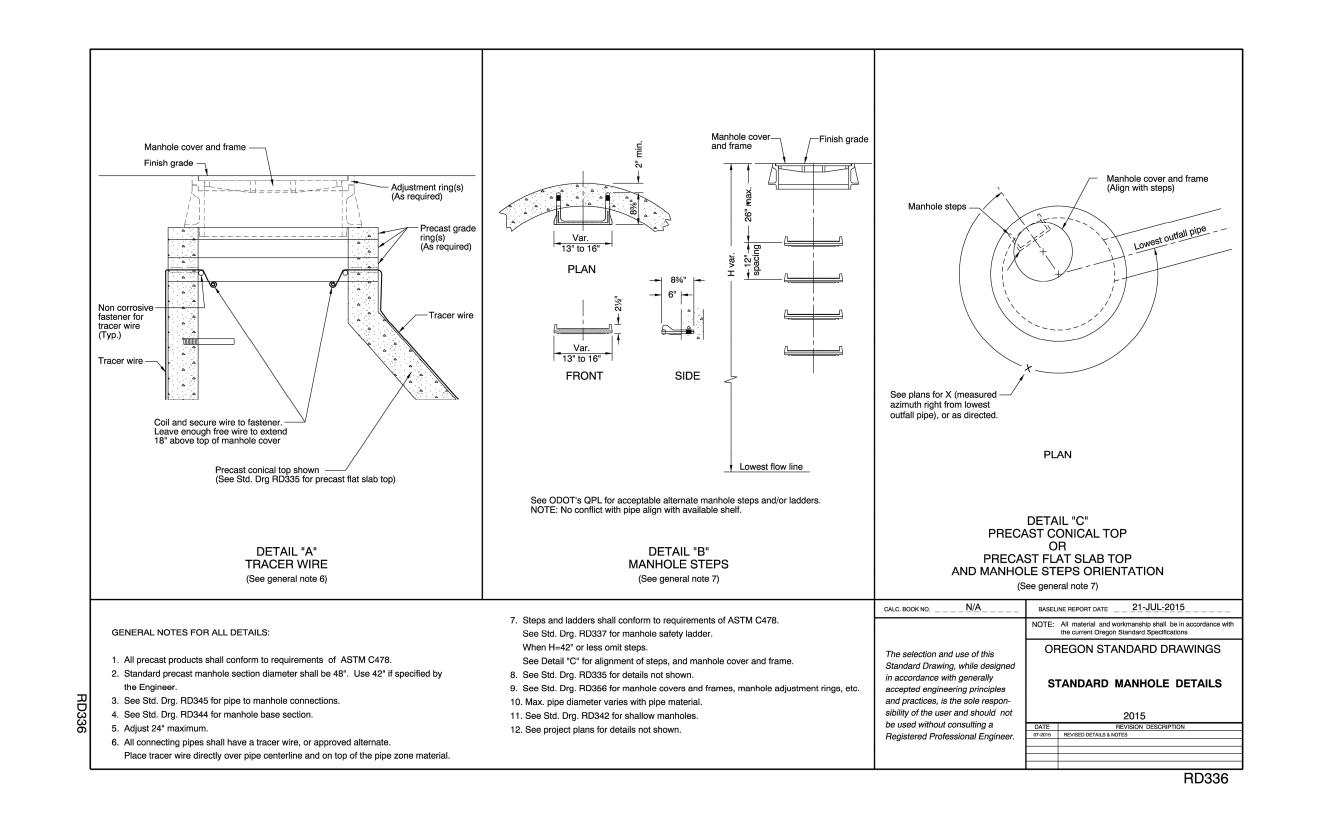
SHEET#

C2.01









**Landscape Architecture & Planning** 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385

# 940 Willamette Street, Suite 31

Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

www.cameronmccarthy.com

Project Number: 023-000175

МШ

09

STAMP GTL Checked: MDS Drawn By: Checked: 023-000175 Project #: 03.24.2025 Date: Rev. #:

LAND USE

SHEET TITLE CIVIL DETAILS

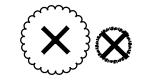
SHEET #

#### TREE PROTECTION AND REMOVAL LEGEND

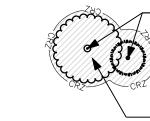
PROPERTY LINE

----- LIMIT OF WORK

TREE PROTECTION FENCING 1



EXISTING TREE AND CALIPER SIZE To be removed



EXISTING TREE TO REMAIN Protect as Required; See Notes.

CRITICAL ROOT ZONE
See Note 9.
ZONE OF SOIL PROTECTION
See Note 8.

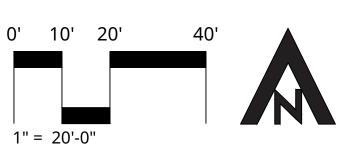
#### **GENERAL TREE PROTECTION NOTES**

 All survey information provided by: BARKER SURVEYING 3657 Kashmir Way Salem, Oregon 97317 Phone: (503) 588.8800

- 2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities or related facilities at Contractor's expense in a manner approved by Owner's Representative.
- Barricade and protect trunks, limbs, roots and root zones beyond CRZ of existing trees and plant materials to remain as directed by Owner's Representative. Cut no limbs or roots larger than 1.5 inch in diameter without approval of Owner's Representative. Notify Owner's Representative prior to performing any excavation within protection areas.
- 4. If roots are encountered within the Limits of Construction and the City of Eugene determines that modification of the work is not practical, cut roots in accordance with these specifications. Do not cut roots greater than 2 inch diameter without approval of Certified Arborist. All roots to be cut shall be cleanly severed with sharp pruning equipment such as saws and loppers must be used.
- 5. Do not allow exposed roots to dry out before permanent backfill is in place; provide temporary earth cover, pack with wet bark mulch, or 4 layers of wet untreated burlap, and temporarily support and protect from damage until roots are permanently relocated and covered with backfill. Water the soil to settle backfill and eliminate voids and air pockets.
- 6. Water trees if required by Owner's Representative. Use a slow drip or soaker hose to provide necessary water until completion of project.
- 7. No disturbance, including parking, material storage, equipment storage, etc., on existing lawns is allowed without approval from the Owner's Representative.
- 8. See Civil and Electrical drawings for additional Demolition Items.
- 9. Tree Protection Fence Install fence during initial mobilization at the site and maintain until substantial completion. Fence is 6-foot height chain link and secured with rigid metal, plastic, or wood posts 6'-0" min. length and adequate strength to support fencing and resist wind and moderate live loads.
- Protect existing trees as specified within 25' of Limit of Work unless otherwise noted.

### CRITICAL ROOT ZONE (CRZ) NOTES

- 1. The critical root zone (CRZ) for trees 4" diameter or smaller shall be an area with a radius at least 5'-0" from the trunk.
- 2. The CRZ for trees over 4" diameter shall be an area with a radius of at least 1'-6" from the trunk for every 1" of diameter size.
- 3. No soil grade changes or compaction shall take place within the CRZ, except as approved.
- 4. No storage of material shall be allowed within the CRZ.
- 5. If work is done with the CRZ, care must be taken to minimize root disturbance. special care shall be taken during excavation and removal of existing curb, gutter, and sidewalks to avoid damage to tree roots. Locate existing tree roots using hand tools or other approved methods such as an airspade.
- 6. Protective fencing is required when the work area is within the CRZ of trees, except where portions of the CRZ are covered with pavement such as streets or walks.
- No root over 2" shall be cut without approval of a Certified Arborist. Roots shall be cut with approved saws. No roots over 2" shall be cut or torn during trenching with power equipment such as backhoes and trenchers. utility lines and irrigation or other pipes shall be installed by hand digging or tunneling under roots, as necessary, to avoid cutting roots 2" and larger.





Landscape Architecture & Planning
160 E Broadway, Eugene, OR 97401
133 SW 2nd Avenue, Ste. 410, Portland, OR 97204
541-485-7385

www.cameronmccarthy.com

\_\_\_\_\_

WILLAMETTE UNIVERSITY

Checked: CG
Drawn By: CG/CMR
Checked: MK
Project #: 23.054
Date: 03.24.2025

LAND USE

TREE
PROTECTION
AND REMOVAL
PLAN

L0.00

#### **DEMO PLAN LEGEND**

PROPERTY LINE

---- LIMIT OF WORK

TREE PROTECTION FENCING

**EXISTING TREE TO REMAIN** Protect as Required; See L0.00

EXISTING PAVING TO BE REMOVED Full Depth, Sawcut as required; Dispose off-site.

EXISTING LANDSCAPE TO BE REMOVED Strip and Remove top 4"; Remove additional soil as needed for proposed improvements.

#### **KEY NOTES**

(2.2) START

#### **EXISTING ELEMENTS TO REMAIN**

EXISTING PAVING To Remain.

EXISTING FENCING To Remain.

**EXISTING WALLS** To Remain.

EXISTING LIGHT POLE To Remain.

EXISTING FOUL POLE Salvage and adjust alignment to conform with new home plate location.

EXISTING UTILITIES See Civil.

**EXISTING CURB** To Remain.

EXISTING PITCHING RUBBER, HOME PLATE AND BASES Salvage and store per Owner direction.

**EXISTING GRAVEL** To Remain.

**EXISTING BLEACHERS** To Remain.

EXISTING SCOREBOARD To Remain.

EXISTING FLAG POLE To Remain.

EXISTING IRRIGATION VALVES To Remain.

#### **EXISTING ELEMENTS TO REMOVE**

To be removed.



Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

541-485-7385 www.cameronmccarthy.com

BI IEI

CG/CMR Drawn By: Checked: Project #: 23.054

03.24.2025

LAND USE

SHEET TITLE

Date:

LANDSCAPE **DEMOLITION** PLAN

**KEY NOTES** 

EXISTING PAVING To be removed.

EXISTING FENCING To be removed.

EXISTING GRAVEL SURFACING

**KEY NOTES** 

#### PROPOSED ELEMENTS - FENCING & GATES

See L1.01 Site Fencing Plan.

#### **KEY NOTES**

#### PROPOSED SITE ELEMENTS

BIKE RACKS Product: The Staple, surface mounted. Mfr.: Huntco.

CONCRETE MOWSTRIP

BI IEI

CG/CMR Drawn By: Checked: 23.054 03.24.2025

LAND USE

SHEET TITLE

SITE PLAN

0' 10' 20'

CAMERON McCARTHY

133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

Landscape Architecture & Planning

160 E Broadway, Eugene, OR 97401

www.cameronmccarthy.com

541-485-7385

PROPERTY LINE Total Property Area: 331,056 sf LIMIT OF WORK LINE Total Site Work Area: 55,772 sf **EXISTING TREES** To Remain. SYNTHETIC TURF - TYPE 1 Color: Field Green Site Area: 24,401 sf (44% of Site Work Area) SYNTHETIC TURF - TYPE 2 Color: Brown Site Area: 19,256 sf (35% of Site Work Area) PEDESTRIAN RATED CONCRETE PAVING Site Area: 375 sf (<1% of Site Work Area) CRUSHED GRAVEL Site Area: 42 sf (>1% of Site Work Area) LANDSCAPE REPAIR Re-seed existing landscape strip as necessary following installation of new trees and irrigation. Site Area: 578 sf (1% of Site Work Area) FIELD LIGHTING Height: As noted; 70' ht. Max. Mfr.: SITECO. **KEY NOTES EXISTING ELEMENTS** EXISTING PAVING To Remain.

- EXISTING FOUL POLE To Remain. Salvage and adjust alignment to conform with new home plate location.
- EXISTING FENCING To Remain.
- EXISTING LANDSCAPE To Remain.
- EXISTING DUGOUT To Remain.
- EXISTING LIGHT POLE To Remain.
- EXISTING GRAVEL PAVING To Remain.
- **EXISTING CURB** To Remain.

#### **KEY NOTES**

#### **PROPOSED ELEMENTS - FIELD MARKINGS & EQUIPEMENT**

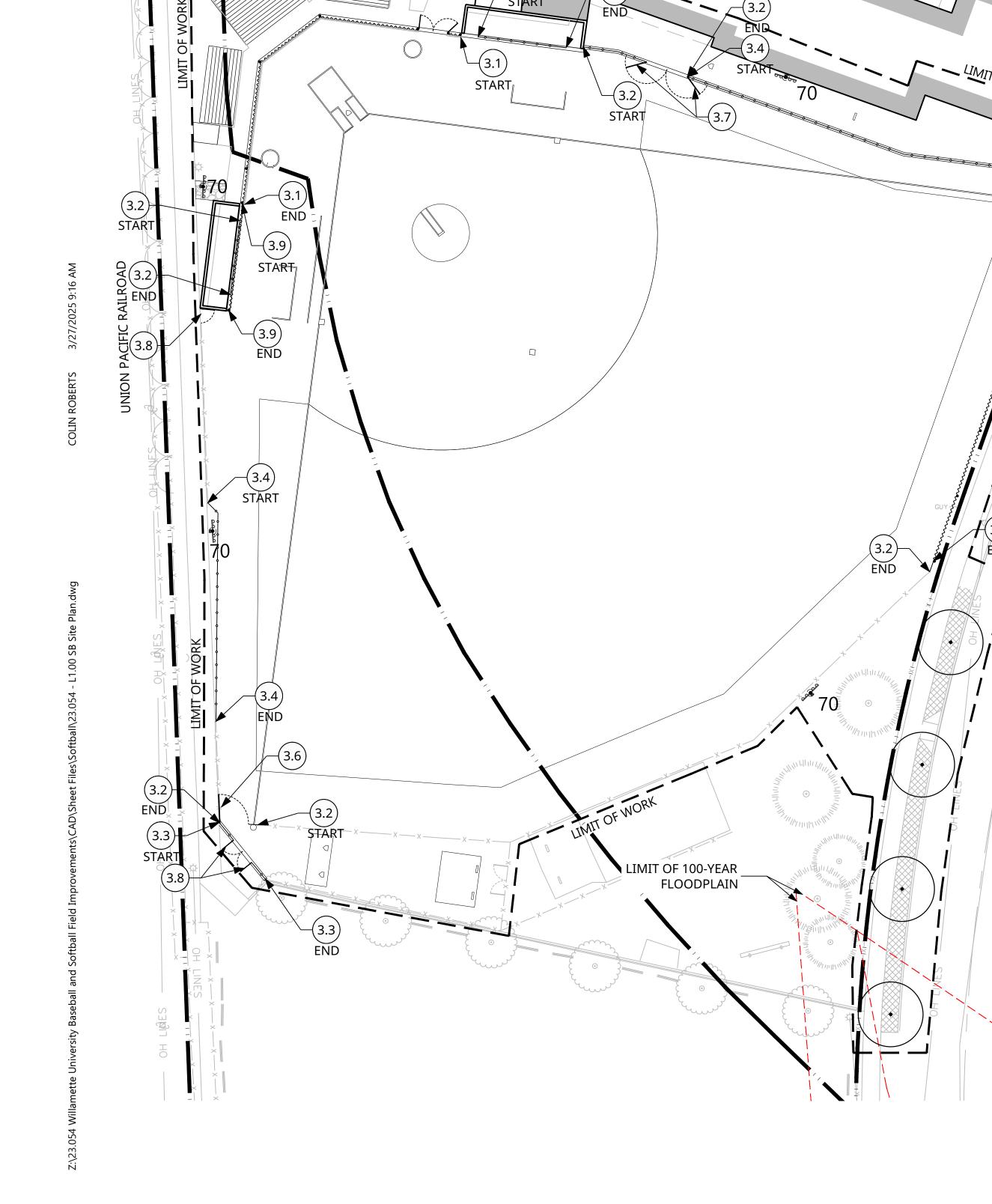
SYNTHETIC TURF FIELD MARKINGS See L7.00 Color: White

Width: 4"

HOME PLATE, PITCHING RUBBER AND BASES Per NCAA Standards

#### SITE PLAN NOTES

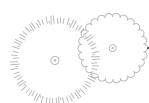
- 1. Refer to Utility Plan for associated stormwater utility design.
- 2. Refer to sheet L7.01 for Field Marking Plan.



**LEGEND** 

PROPERTY LINE Total Property Area: 331,056 sf

LIMIT OF WORK LINE Total Site Work Area: 55,772 sf



**EXISTING TREES** To Remain.

#### **KEY NOTES**

(3.5) START

OAK ST. SE

#### **PROPOSED ELEMENTS - FENCING & GATES**

PRE-FABRICATED PADDED BACKSTOP W/POST-TO-POST TENSION NETTING ABOVE
Product: SportsField Specialties TNPP36WPB
Backstop Height: 3'-0"
Netting Height: 30' 3.1

CHAINLINK FIELD PERIMETER FENCING (3.2) Height: 8'-0" Color: Galvanized

CHAINLINK PERIMETER FENCING (3.3) Height: 4'-0" Color: Galvanized

CHAINLINK FIELD PERIMETER FENCING 3.4 Height: 3'-6" Color: Galvanized

CHAINLINK FIELD PERIMETER FENCING W/NETTING ABOVE Height: 8'-0" Color: Galvanized Locate Chain-link fabric at face of netting posts, typ. See Keynote 3.9 for Protective Netting. 3.5

PROPOSED CHAINLINK GATE Height: Matches Fence Height Width: 8'-0" each (3.6)

PROPOSED CHAINLINK GATE (3.7) Height: Matches Fence Height Width: 6'-0" each

PROPOSED CHAINLINK GATE (3.8) Height: Matches Fence Height Width: 4'-0" each

PROPOSED PROTECTIVE NETTING Product: SportsField Specialties TNPPUC Height: 30'-0" (3.9)



**Landscape Architecture & Planning** 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

541-485-7385 www.cameronmccarthy.com

UNIVERSITY, Salem, OR

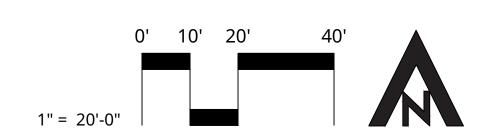
BI IE

09

CG/CMR Checked: 03.24.2025

LAND USE

SITE FENCING AND NETTING PLAN

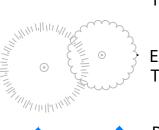


OAK ST. SE LIMIT OF 100-YEAR FLOODPLAIN

LEGEND

PROPERTY LINE Total Property Area: 331,056sf

LIMIT OF WORK LINE
Total Site Work Area: 58,371sf



EXISTING TREES

PEDESTRIAN ACCESSIBLE ROUTE
To/From Pedestrian Areas

To Remain.

CAMERON McCARTHY

133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401

www.cameronmccarthy.com

541-485-7385

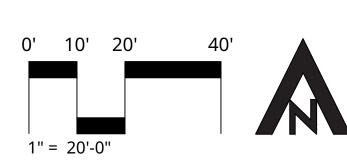
BEARCAT SOFTBALL FIELD IMPROVEMENTS

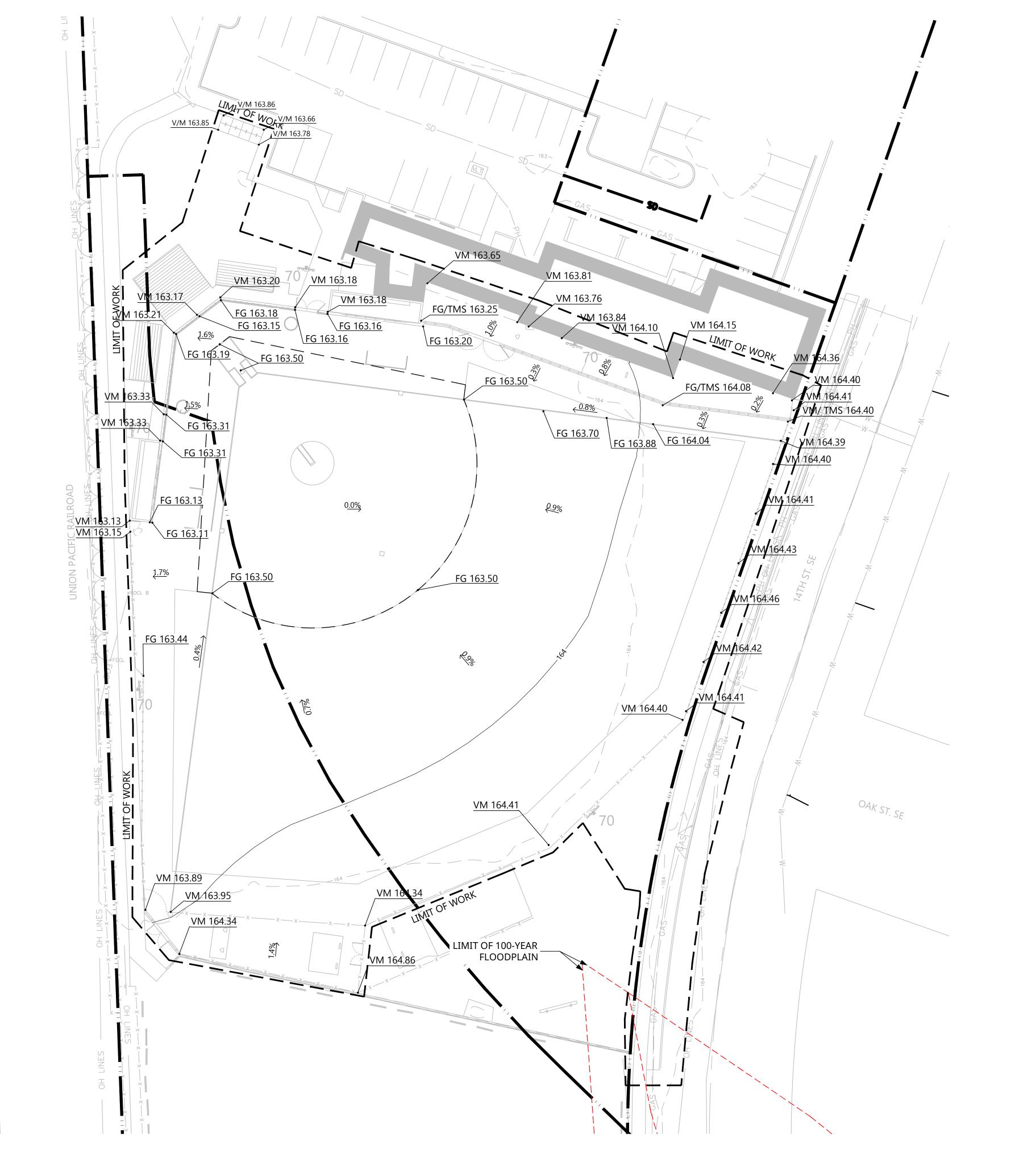
CG/CMR Drawn By: Checked:

03.24.2025

LAND USE

PEDESTRIAN CIRCULATION PLAN





LEGEND

PROPERTY LINE

---- LIMIT OF WORK LINE



EXISTING CONTOUR
1' interval

PROPOSED CONTOUR
1' interval

BREAK IN GRADE
Arrows indicate slope direction

<XXX.XX> EXISTING ELEVATION TO REMAIN

V/M XXX.XX VERIFY AND MATCH EXISTING ELEVATION

FG XXX.XX FINISHED GRADE

TMS XXX.XX TOP OF MOWSTRIP

#### **GRADING PLAN NOTES**

 All Survey information provided by: BARKER SURVEYING 3657 Kashmir Way SE

Salem, OR 97317

- 2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities or related facilities at Contractor's expense in a manner approved by Owner's Representative.
- 3. Barricade and protect trunks, limbs, roots and root zones beyond dripline of existing trees and plant materials to remain as directed by Property Representative. Cut no limbs or roots larger than 2" in diameter without approval of Owner's Representative. Notify Owner's Representative prior to performing any excavation within protection areas.
- 4. Path and sidewalk slopes N.T.E. 4.5% longitudinally and 1.5% cross-slope, unless noted otherwise.
- 5. All accessible components including, but not limited to signs, ramps, tactile warning, markings, etc. shall conform to all Oregon State Standards for parking and access for the disabled. Obtain Owner's Representative approval prior to installing any related work.
- 6. Install new utilities so that rim elevations are flush with finish grades at pavement, lawn and plant beds. Adjust rim elevations of existing utilities accordingly.
- 7. Verify existing elevations where new work abuts existing to remain. Notify Owner's Representative of any discrepancies prior to any construction.
- 8. Adjust rim elevations of existing utilities so that rims are flush with finish grade at new paving and lawns.
- 9. Blend all new elevations back to existing grade to create a uniform slope. Maximum slope, 4:1.
- 10. Construct smooth transitions between new paving improvements and existing paving to remain.

0' 10' 20'

1" = 20'-0"

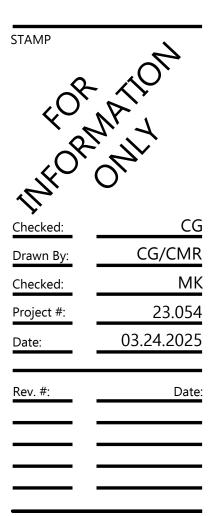


Landscape Architecture & Planning
160 E Broadway, Eugene, OR 97401
133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

541-485-7385 www.cameronmccarthy.com

OVEMENTS

WILLAMETTE UNIVERSIT



LAND USE

SHEET TITLE

GRADING PLAN

SHEET #

L3.00



LEGEND

— PROPERTY LINE

---- LIMIT OF WORK LINE

BREAKLINE

HARD PIPE CONNECTION TO STORM SYSTEM

See Civil.

PERFORATED COLLECTOR PIPE Arrow indicates direction of flow; See Civil.

FIELD SUBGRADE DRAINAGE PIPE

15' O.C typ.; Arrow indicates direction of flow.

FINISHED GRADE FG XXX.XX See Grading Plan.

FGS XXX.XX FINISHED GRADE OF SUBGRADE

DIRECTION OF SUBGRADE FLOW

#### SUBGRADE DRAINAGE PLAN NOTES

- 1. Refer to the Topographic Survey Sheet (V1.0) for Surveyor's information.
- 2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities, or related factilities at Contractor's expense in a manner approve by Owner's Representative.
- 3. Refer to Civil drawings for utility locations and elevations. 4. Install new utilities so that exposed elements such as manhole lids and drain covers are below synthetic turf U.N.O. Coordinate with applicable trades.
- 5. Coordinate collector pipe installaltion w/Field Subgrade drainage pipe. Verify collector pipe routing and elevations w/Civil drawings.

CAMERON **McCARTHY** 

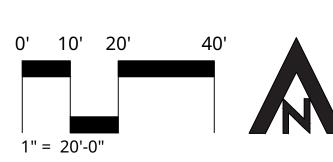
Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

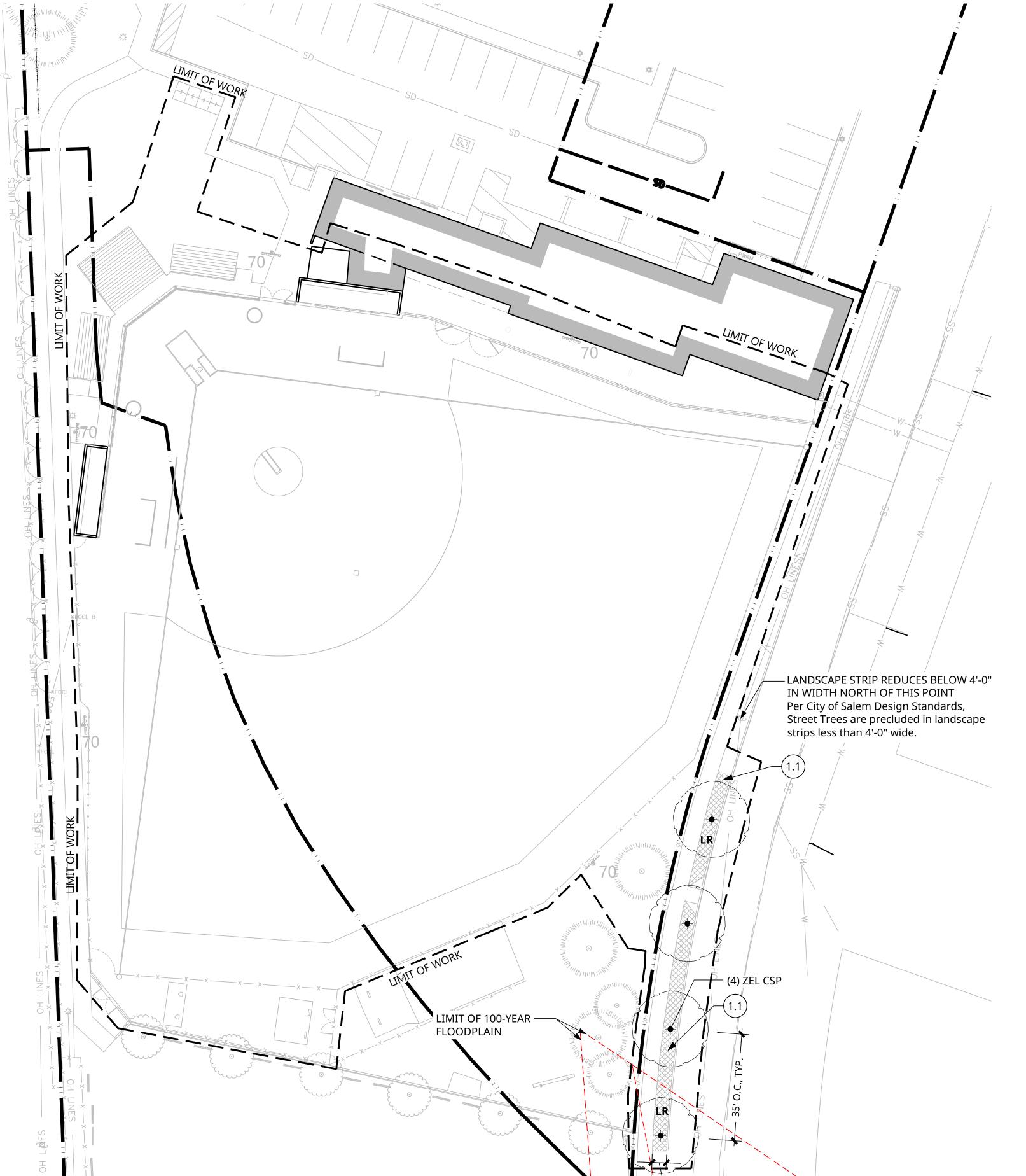
541-485-7385 www.cameronmccarthy.com

CG/CMR Drawn By Checked: 23.054 03.24.2025

LAND USE

SUBGRADE DRAINAGE PLAN





PLANTING PLAN LEGEND

PROPERTY LINE

---- LIMIT OF WORK LINE



**EXISTING TREES** To Remain.

#### **KEY NOTES**

#### **PLANTING AREAS**



LANDSCAPE REPAIR Re-seed existing landscape strip as necessary following installation

of new trees and irrigation. Product: Champion GQ

#### PLANTING SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
TREES					
ZEL CSP	Zelkova serrata 'JFS-KW1'	City Sprite® Japanese Zelkova	1.5" cal	B&B or Cont	As Shown

#### PLANTING NOTES

- 1. Do not install any plant materials until Owner's Representative has reviewed and approved irrigation system installation, area coverage balancing, soil preparation and finish grading. Refine the shape and finish grade of plant beds as directed by Owner's Representative.
- Protect all existing trees and plant materials to remain including limbs, trunks, roots and root zones.
- Finish grade is top of topsoil. Mulch is in addition.
- Prune all new plant materials as directed by Owner's Representative.
- Make minor adjustments in tree spacing as neccessary to accommodate the irrigation system as
- 6. Where new lawn abuts existing, provide a smooth transition and make repairs as necessary to existing lawn.
- Plant quantities shown are for Contractor's convenience only. Contractor is responsible to provide

0' 10' 20'

1" = 20'-0"

100% coverage of entire area at spacing shown.8. Triangle space all shrubs and groundcovers, unless otherwise noted.



Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401

133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

www.cameronmccarthy.com

BEARCAT S FIELD IMPRO

CG/CMR Drawn By:

Checked: 23.054

03.24.2025

LAND USE

SHEET TITLE

PLANTING PLAN

L6.00



#### LEGEND

PROPERTY LINE Total Property Area: 331,056 sf

LIMIT OF WORK LINE
Total Site Work Area: 55,772 sf

FIELD SURFACE SYN-1 SYN-2 See L1.00 for type and color.
Site Area: SYN 1 24,401 sf / SYN 2 19,256 sf

CONCRETE PAVING Pedestrian-rated. Site Area: 375 sf

CRUSHED GRAVEL PAVING Site Area: 42 sf

LAWN REPAIR AREA Site Area: 578 sf

#### FIELD MARKING NOTES

- Notify Owner's Representative of any discrepancies with dimensions and obtain approval of any required adjustments prior to installation.
   Install Softball field markings to conform to most current NCAA Softball Rules Book.
   Obtain any logo graphics from Owners Representative and provide mock up prior to
- fabrication and installation

#### TURF LINE MARKING SCHEDULE

SOFTBALL MARKINGS Color: White Width: 3"



160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

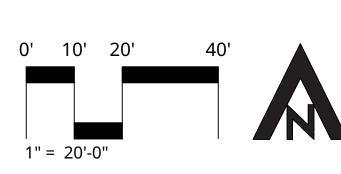
541-485-7385 www.cameronmccarthy.com

SOFTBALL ROVEMENTS

CG/CMR Checked: 03.24.2025

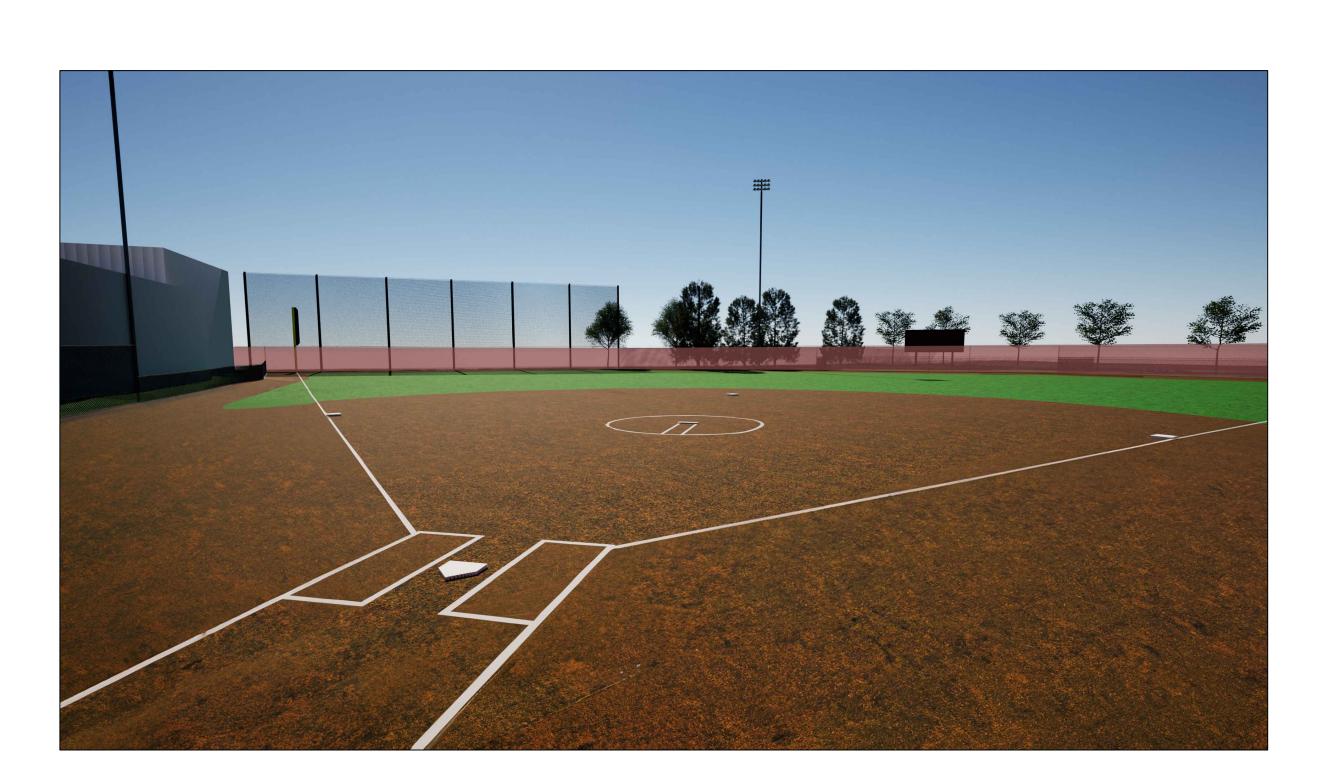
LAND USE

ILLUSTRATIVE FIELD PLAN





AERIAL PERSPECTIVE - LOOKING NORTHWEST



PERSPECTIVE AT FIELD - LOOKING SOUTHEAST

CAMERON McCARTHY

160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

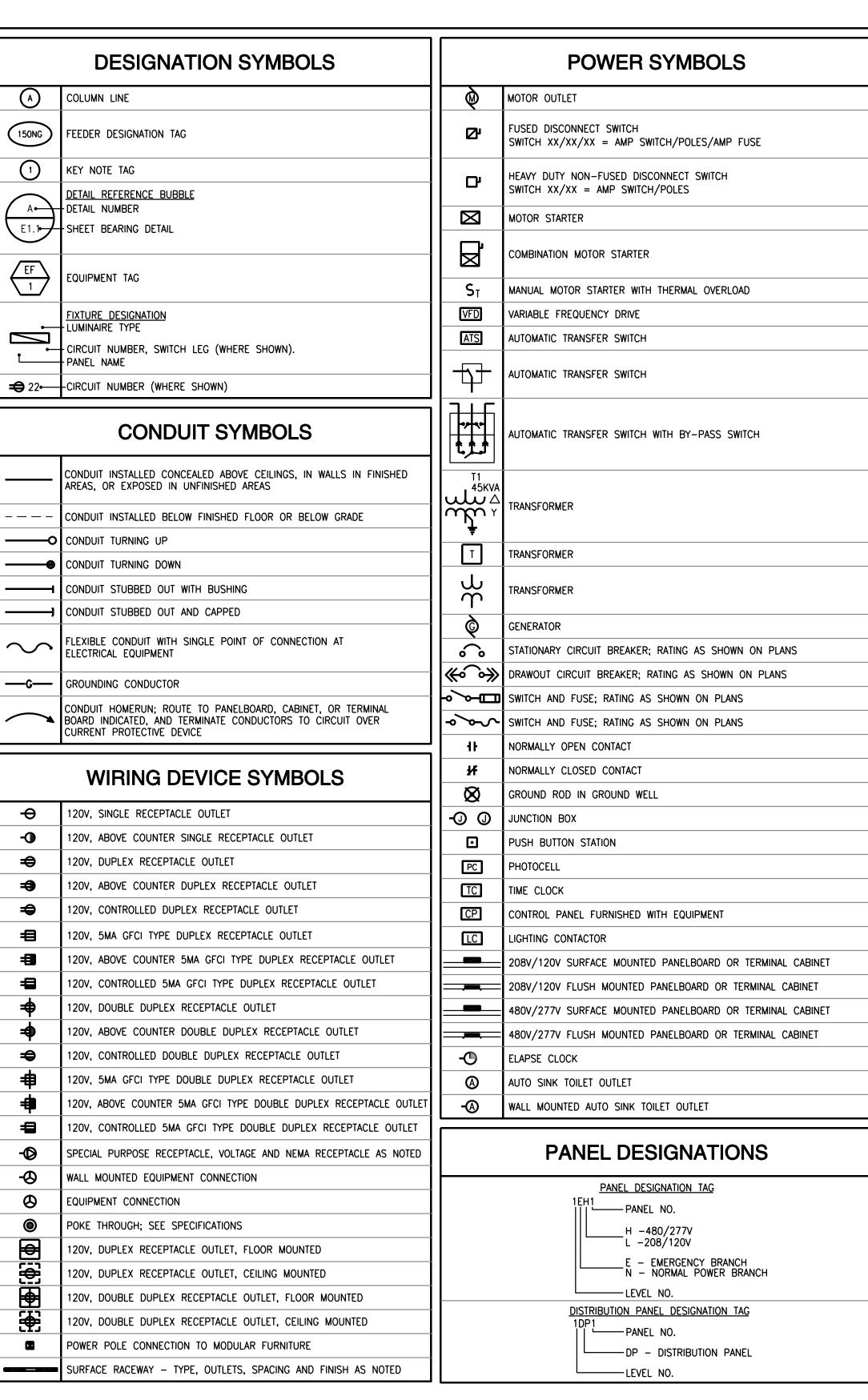
www.cameronmccarthy.com

CG/CMR Drawn By: Checked: 23.054 03.24.2025

LAND USE

SITE RENDERINGS

L8.06



ELECTRICAL SYMBOL SCHEDULE				
	ELECTRICAL GENERAL NOTES			
A.	ALL ELECTRICAL WORK SHALL COMPY WITH THE CURRENT APPROVED EDITION OF THE NATIONAL ELECTRICAL CODE, AS ACCEPTED AND AMENDED BY LOCAL ORDINANCES.			
В.	WHERE GROUNDED CONDUCTORS OF DIFFERENT SYSTEMS ARE INSTALLED IN THE SAME RACEWAY, CABLE, BOX, AUXILIARY GUTTER, OR OTHER TYPE OF ENCLOSURE, EACH GROUNDED CONDUCTOR SHALL BE IDENTIFIED BY SYSTEM PER NEC ARTICLE 200.6 (D). MEANS OF IDENTIFICATION SHALL BE PERMANENTLY POSTED AT EACH BRANCH CIRCUIT PANELBOARD.			
C.	PER NEC ART 210.5 (C), UNDERGROUND CONDUCTORS OF MORE THAN ONE NOMINAL VOLTAGE SYSTEM SHALL BE IDENTIFIED BY SYSTEM. PROVIDE MEANS OF IDENTIFICATION AS REQUIRED PER THIS ARTICLE.			
D.	PER NEC ART 215.12, FEEDER IDENTIFICATION IS REQUIRED WHEN MORE THAN ONE NOMINAL VOLTAGE SYSTEM EXISTS. PROVIDE MEANS OF IDENTIFICATION AS REQUIRED PER THIS ARTICLE.			
E.	CONTRACTOR SHALL VERIFY FINAL PLACEMENT AND CONNECTION REQUIREMENTS PRIOR TO ROUGHING IN EQUIPMENT UTILITIES.			
F.	FINAL ACCEPTANCE OF WORK IN PLACE SHALL BE SUBJECT TO APPROVAL BY OWNER'S REPRESENTATIVE. INSTALLATION APPROVAL SHALL BE BASED ON APPROVED SUBMITTAL, SHOP DRAWINGS AND LOCAL INSPECTIONS.			
G.	CONTRACTOR SHALL SUBMIT RED-LINE RECORD DRAWINGS WITHIN TWO (2) WORK WEEKS OF DATE OF NOTIFICATION OF FINAL APPROVAL.			
Н.	ALL WORK SHOWN ON DRAWINGS IS IN PART SCHEMATIC, INTENDED TO CONVEY SCOPE OF WORK AND GENERAL LAYOUT. VERIFY ALL EXISTING CONDITIONS AND MAKE ADJUSTMENTS AS REQUIRED. ELECTRICAL DRAWINGS ARE LARGELY DIAGRAMMATIC AND, THEREFORE, REPRESENT INSTALLATION INTENT AND GUIDELINES; IT IS THE CONTRACTOR'S RESPONSIBILITY TO COVER ALL CONDITIONS ON HIS PREPARED SHOP DRAWINGS.			
I.	CONTRACTOR SHALL PROVIDE UP-TO-DATE, ACCURATE, AND LEGIBLE CIRCUIT DIRECTORY WHICH APPLIES TO PANELBOARDS AND SWITCHBOARDS AS REQUIRED BY NEC ART. 408.4 DIRECTORY SHALL BE LOCATED ON THE FACE OR ON THE DOOR OF EACH PANELBOARD OR AT EACH SWITCH ON A SWITCHBOARD. WITHIN EACH PANELBOARD PRIOR TO FINAL ACCEPTANCE OF WORK IN PLACE.			
J.	LABEL ALL WIRING DEVICES WITH SOURCE PANELBOARD AND CIRCUIT NUMBER ON COVER PLATE. SEE SPECIFICATIONS.			

OTHERWISE NOTED.

STRUCTURE ABOVE.

ON THE DRAWINGS.

ALL CUTTING, PATCHING A PAINTING REQUIRED FOR THE CONCEALED

CUT OR DRILL STRUCTURAL MEMBERS WITHOUT WRITTEN APPROVAL FROM

STRUCTURAL ENGINEER. ALL CUTTING AND PATCHING SHALL BE NEAT, AND

PATCHING SHALL MATCH ADJACENT SURFACE AS TO TEXTURE AND FINISH.

ALL PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR CEILINGS SHALL

FIRE RESISTANT RATING AROUND ALL FIXTURES AND EQUIPMENT INSTALLED IN

ALL DATA CABLING TO BE PROVIDED BY THE OWNERS'S IT VENDOR. COORDINATE

OR PENETRATING FIRE RATED SEPARATIONS.

ROUGH-IN WORK WITH OWNER'S IT VENDOR.

BE SEALED IN ACCORDANCE WITH A UL APPROVED SYSTEM THAT MAINTAINS THE INTEGRITY OF THE EXISTING FIRE RATING. PROVIDE AN ENCLOSURE OF EQUAL

INSTALLATION OF CONDUITS SHALL BE PROVIDED BY THE CONTRACTOR. DO NOT

BOLLARD TIONS AND 000 EMERGENCY BATTERY UNIT EXIT SIGN CEILING MOUNT - ARROW AND FACES AS SHOWN ON PLANS EXIT SIGN WALL MOUNT - ARROW AND FACES AS SHOWN ON PLANS REQUIRED ON THE WALL MOUNTED EXIT SIGN LOW LEVEL . WITHIN LIGHTING CONTROL SYMBOLS NUMBER LABEL ALL NEW PANELBOARDS, SWITCHBOARDS AND MOTOR CONTROL CENTERS SINGLE POLE SWITCH WITH ENGRAVED LAMINATED-PLASTIC NAMEPLATES MOUNTED WITH CORROSION-RESISTANT SCREWS. SEE SPECIFICATIONS. TWO SINGLE POLE SWITCHES UNDER COMMON FACEPLATE ALL INTERIOR OUTLET, JUNCTION AND PULL BOXES SHALL BE METALLIC, SIZED DOUBLE POLE SWITCH PER CODE FOR THE NUMBER OF CONDUCTORS THEREIN. 3-WAY POLE SWITCH ALL ELECTRICAL RACEWAYS SHALL BE CONCEALED IN THE WALLS AND ABOVE SUSPENDED CEILING UNLESS OTHERWISE NOTED. 4-WAY POLE SWITCH SINGLE POLE SWITCCH WITH PILOT LIGHT ALL CONDUCTORS SHALL BE #12 AWG MINIMUM TYPE THHN/THWN UNLESS SINGLE POLE KEY OPERATED SWITCH ALL CEILING MOUNTED ELECTRICAL DEVICES SHALL BE SUPPORTED FROM THE CEILING GRID, NOT FROM CEILING TILE. LIGHTING SHALL BE SUPPORTED FROM SD DIMMER SWITCH DIMMER SWITCH WITH 3-WAY SWITCHING ELECTRICAL PLANS ARE MOSTLY DIAGRAMMATIC. CONTRACTOR SHALL PROVIDE S۷ CONNECTIONS BETWEEN FIXTURES AND LIGHTING CONTROL DEVICES SUCH AS VARIABLE INTENSITY CONTROL FOR SURGICAL LIGHT OCCUPANCY SENSORS, LIGHT SWITCHES, AND LIGHTING CONTROL PANEL TO MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD PROPERTIES PROVIDE AN OPERABLE LIGHTING SYSTEM. IN THE EVENT OF ANY INCONSISTENCY BETWEEN ITEMS INDICATED ON THE TIMER SWITCH PLANS AND/OR THE SPECIFICATIONS, THE ONE WHICH PROVIDED THE MOST LOW VOLTAGE MOMENTARY CONTACT SWITCH (TOGGLE STYLE) COMPLETE WORK OR HIGHER STANDARD SHALL PREVAIL. PUSH BUTTON SWITCH SUPPLY AND INSTALL ALL REQUIRED SUPPORTS AND BRACING OF EQUIPMENT AND CONDUITS FOR PROPER EQUIPMENT INSTALLATIONS AND CODE COMPLIANCE. WALL MOUNTED OCCUPANCY SENSOR SWITCH ALL EXPOSED CONDUITS SHALL BE INSTALLED AT RIGHT ANGLE TO ROOM OR CEILING MOUNTED OCCUPANCY SENSOR STRUCTURE. EXPOSED CONDUITS SHALL BE SUPPORTED FROM BUILDING STRUCTURE USING APPROVED PIPE HANGERS. WALL MOUNTED OCCUPANCY SENSOR ALL CONDUITS SHALL BE SIZED AS PER NEC UNLESS LARGER SIZES ARE NOTED PUSH PLATE (FOR AUTOMATIC DOOR)

DEFINE THE SYMBOL:

#### PUSH BUTTON (FOR AUTOMATIC DOOR) **©** PHOTOCELL LIGHTING CONTROL NOTES

THE FOLLOWING NOTATIONS MAY BE USED WITH MOST SWITCH TYPES TO FURTHER

WITH A RED COVER PLATE IF PLASTIC PLATES ARE USED

**S** = A LINE THROUGH THE SWITCH SYMBOL MEANS THE DEVICE SHALL BE RED

LIGHTING SYMBOLS

RECESSED DOWNLIGHT

SURFACE DOWNLIGHT

──**├**─ WALL MOUNT

■ PENDANT MOUNT

SURFACE STRIP

EXTERIOR POLE MOUNT

RECESSED TROFFER

SURFACE TROFFER

SURFACE LINEAR

- — — - CONCEALED LED STRIP / TAPE

FLOOD / ACCENT

PENDANT MOUNT LINEAR

RECESSED ADJUSTABLE DOWNLIGHT

SURFACE ADJUSTABLE DOWNLIGHT

### WIRING DEVICE NOTES

COVER PLATE IF PLASTIC, SEE SPECIFICATIONS

= LOCKING

M = FOR MONITORING EQUIPMENT, COORDINATE MOUNTING HEIGHT WITH

EQUIPMENT EQUIPMENT SYSTEM RECEPTACLE, PROVIDE SPECIAL

LABEL, SEE SPECIFICATIONS

THE FOLLOW	VING NOT	ATIONS I	MAY BE	USED	WITH AN	Y RECEPTACLE	TYPE TO	FURTHER
DEFINE THE	SYMBOL:							
C =	CRITICAL	BRANCE	RECE	PTACLE	PROVIDI	RED DEVICE	AND RED	

IG = ISOLATED GROUND RECEPTACLE

WEATHERPROOF DEVICE AND COVER

LS = LIFE SAFETY BRANCH RECEPTACLE, PROVIDE RED DEVICE AND RED COVER PLATE IF PLASTIC, SEE SPECIFICATIONS

TAMPER RESISTANT RECEPTACLE TV = FOR TELEVISION, COORDINATE MOUNTING HEIGHT WITH TELEVISION WEATHERPROOF, CORD CAN BE PLUGGED IN WITH COVER CLOSED

	ABBREVIATIONS					
, AMP	AMPERE	GFCI	GROUND FAULT CIRCUIT INTERRUPTING			
vC	ALTERNATING CURRENT	G, GND	GROUND			
<b>C</b> T	ABOVE COUNTER TOP	GEN	GENERATOR			
AIC .	AMPERE INTERRUPTING CAPACITY	IG	ISOLATED GROUND.			
\FF	ABOVE FINISHED FLOOR	HID	HIGH INTENSITY DISCHARGE			
\FG	ABOVE FINISHED GRADE	НОА	HAND - OFF - AUTO			
NTS	AUTOMATIC TRANSFER SWITCH	HP	HORSEPOWER			
۸F	FRAME RATING IN AMPERES	HPF	HIGH POWER FACTOR			
ıS	SWITCH RATING IN AMPERES	LED	LIGHT EMITTING DIODE			
ΛT	TRIP RATING IN AMPERES	LS	LIFE SAFETY BRANCH			
wG	AMERICAN WIRE GAUGE	LLF	LIGHT LOSS FACTOR			
١V	AUDIO VISUAL	LRC	LIGHTING RELAY CABINET			
;	CONDUIT	MECH	MECHANICAL			
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED	мсв	MAIN CIRCUIT BREAKER			
CL	CENTERLINE	MLO	MAIN LUGS ONLY			
		=				

MCA

MINIMUM CIRCUIT AMPS

VARIABLE FREQUENCY DRIVE

**VOLT AMPERES** 

**WEATHERPROOF** 

TRANSFORMER

EXPLOSION PROOF

WIRE

СКТ	CIRCUIT	МОСР	MAXIMUM OVER CURRENT PROTECTION
CLG	CEILING	(N)	NEW
CR	CRITICAL BRANCH	N	NEUTRAL
CFL	COMPACT FLUORESCENT	NC	NORMALLY CLOSED
CL	CONNECTED LOAD	NEC	NATIONAL ELECTRIC CODE
ССТ	CORRELATED COLOR TEMPERATURE	NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
CRI	COLOR RENDERING INDEX	NL	NIGHT LIGHT
(D)	DEMOLISH EXISTING	NO	NORMALLY OPEN
DF	DEMAND FACTOR	NTS	NOT TO SCALE
DL	DESIGN LOAD	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
DC	DIRECT CURRENT	ОС	OVER CURRENT
DPDT	DOUBLE POLE, DOUBLE THROW	РВ	PULL BOX
DPST	DOUBLE POLE SINGLE THROW	ø, PH	PHASE
DIST	DISTRIBUTION	PNL	PANEL
EQ	EQUIPMENT BRANCH	PVC	POLYVINYL CHLORIDE CONDUIT
(E)	EXISTING TO REMAIN	PTS	PNEUMATIC TUBE STATION
(ER)	REMOVE EXISTING.	Р	POLE
(EL)	RELOCATE EXISTING.	PWR	POWER
EC	EMPTY CONDUIT	(R)	RELOCATE EXISTING
ELEC	ELECTRICAL	RCP	REFLECTED CEILING PLAN
ELEV	ELEVATOR	RSC	RIGID STEEL CONDUIT
E, EMER	EMERGENCY	SPDT	SINGLE POLE, DOUBLE THROW
EMT	ELECTRO METALLIC TUBING	SPST	SINGLE POLE, SINGLE THROW
EWC	ELECTRIC WATER COOLER	SWBD	SWITCHBOARD
EWH	ELECTRIC WATER HEATER	SWGR	SWITCH GEAR
EMS	EMERGENCY MANAGEMENT SYSTEM	SYS	SYSTEM
FA	FIRE ALARM	TP	TAMPER RESISTANT
FAAP	FIRE ALARM ANNUNCIATOR PANEL	тв, ттв	TERMINAL BACKBOARD
FACP	FIRE ALARM CONTROL PANEL	TC	TERMINAL CABINET
FATC	FIRE ALARM TERMINAL CABINET	TEL	TELEPHONE
FARA	FIRE ALARM REMOTE ANNUNCIATOR	TP	TAMPER PROOF
FCIP	FIRE ALARM CONTROL & INDICATING PANEL	TV	TELEVISION
FPRP	FIRE ALARM PUMP STATUS PANEL	٧	VOLT
vcs	FIRE ALARM VOICE COMMUNICATION PANEL	VD	VOLTAGE DROP

CALIFORNIA ELECTRIC CODE

FIRE SMOKE DAMPER

FVNR FULL-VOLTAGE, NON-REVERSING

FULL-VOLTAGE, REVERSING

FULL LOAD CURRENT (NEC)

FUTURE

FULL LOAD AMPS (NAME PLATE)

andscape Architecture & Planning 60 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

541-485-7385 ww.cameronmccarthy.com

Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

Project Number: 023-000175

STAMP

Checked: MDS Drawn By: MPW Checked: 23.054 Project #: 03.24.2025 Date:

LAND USE

SHEET TITLE

**ELECTRICAL** SYMBOL AND LEGENDS

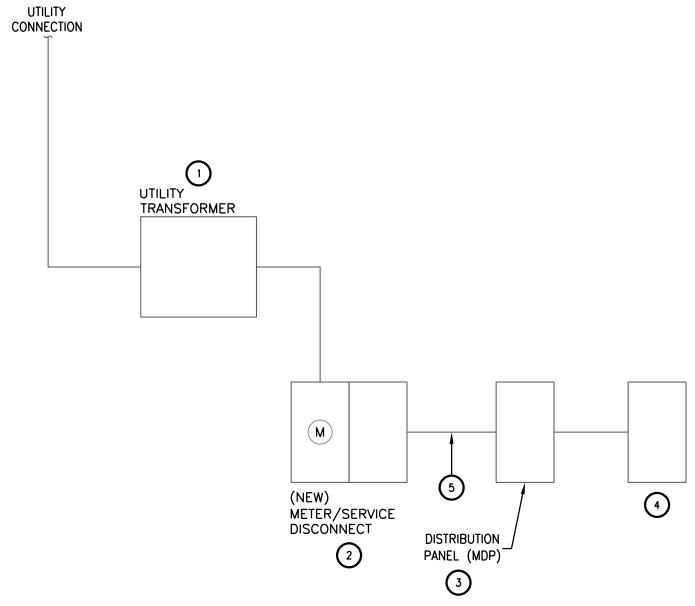
SHEET #

E0.01

# LIGHTING FIXTURE SCHEDULE

FIXTURE TYPE: FL1 MANUFACTURER: SITECO USA MAKE/MODEL: SI-FLOOD MAXI PRO PL33T SERIES LUMEN OUTPUT: 162,010 LM, 5,700K, 1,251W CRI: RA-70 VOLTAGE: 240V

NOTE: COORDINATE WITH LIGHTING MANUFACTURER FOR ADDITIONAL REQUIREMENTS AND INFORMATION.



NOTE: UTILITY AND POWER DISTRIBUTION SCOPE TO BE DETERMINED PENDING COORDINATION WITH UTILITY COMPANY.

#### **KEYED NOTES: ONE-LINE DIAGRAM**

- 1. EXISTING TRANSFORMER TO BE REPLACED WITH NEW. TRANSFORMER AND WORK TO BE DONE BY PGE. PROJECT CONTRACTOR TO COORDINATE WITH PGE FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- EXISTING METER/CT CABINET TO BE DISCONNECTED AND REPLACED WITH NEW.
- 3. PROVIDE NEW 225A, 208/120V, 1-PHASE MAIN DISTRIBUTION PANEL (MDP).
- EXISTING PANELBOARD TO REMAIN AND REFED FROM NEW MDP. EXTEND EXISTING FEEDERS TO NEW MDP.
- 5. PROVIDE (2) #4/0, (1) #4GND IN 2" CONDUIT.

# CAMERON

Landscape Architecture & Planning

160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385

www.cameronmccarthy.com

# 940 Willomette Street, Suite 310 Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

Project Number: 023-000175

B IE

: UNIVERSITY :, Salem, OR 973

909

STAMP

Checked:	MPW
Drawn By:	MDS
Checked:	MPW
Project #:	23.054
Date:	03.24.2025
Rev. #:	Date

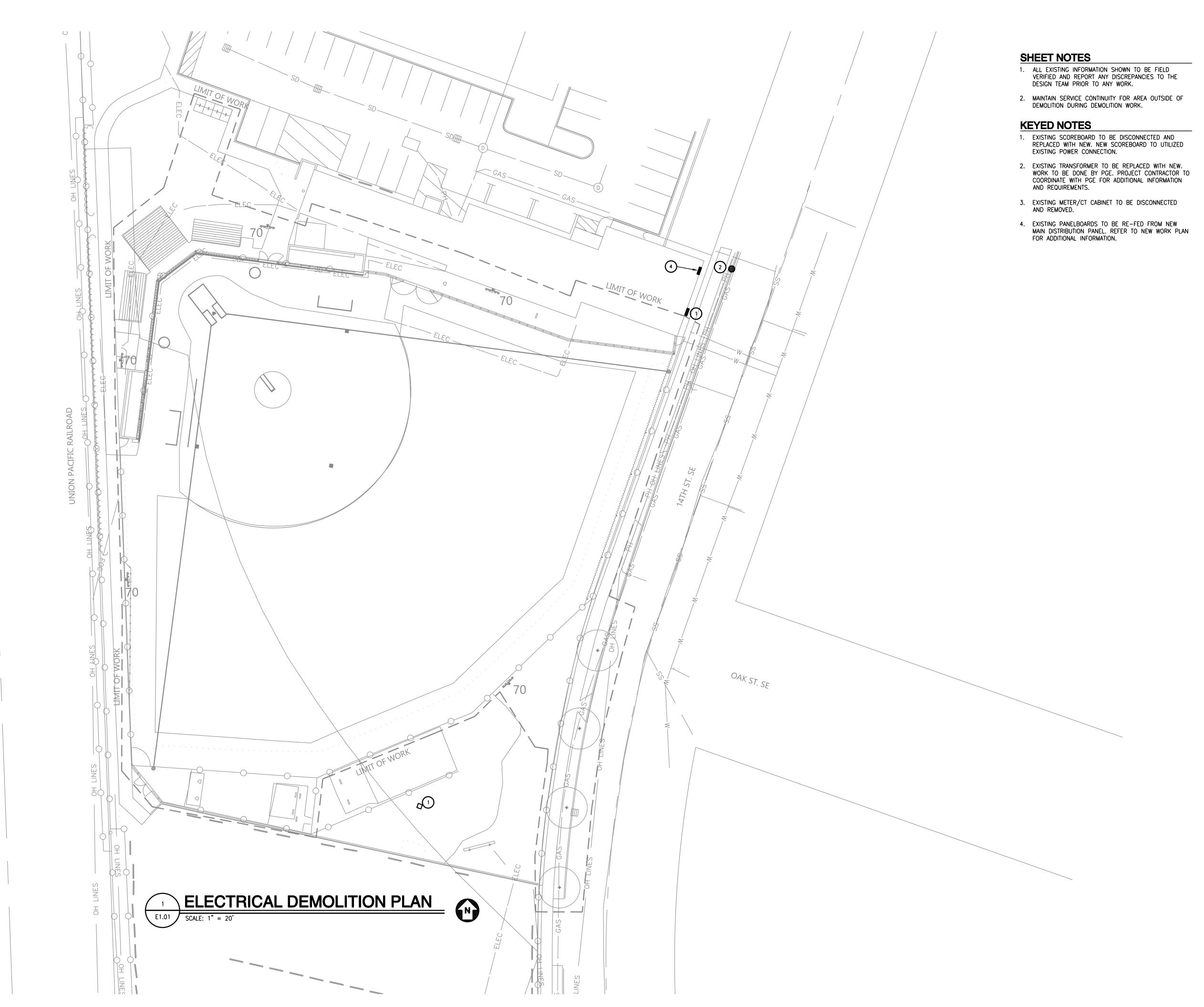
LAND USE

SHEET TITLE

ONE-LINE DIAGRAM AND SCHEDULE

SHEET #

E0.02





Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204

www.cameronmccarthy.com

541-485-7385

# 940 Willamette Street, Suite 310 Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

Project Number: 023-000175

BI

909

MDS Drawn By: Checked: 23.054 Project #: 03.24.2025

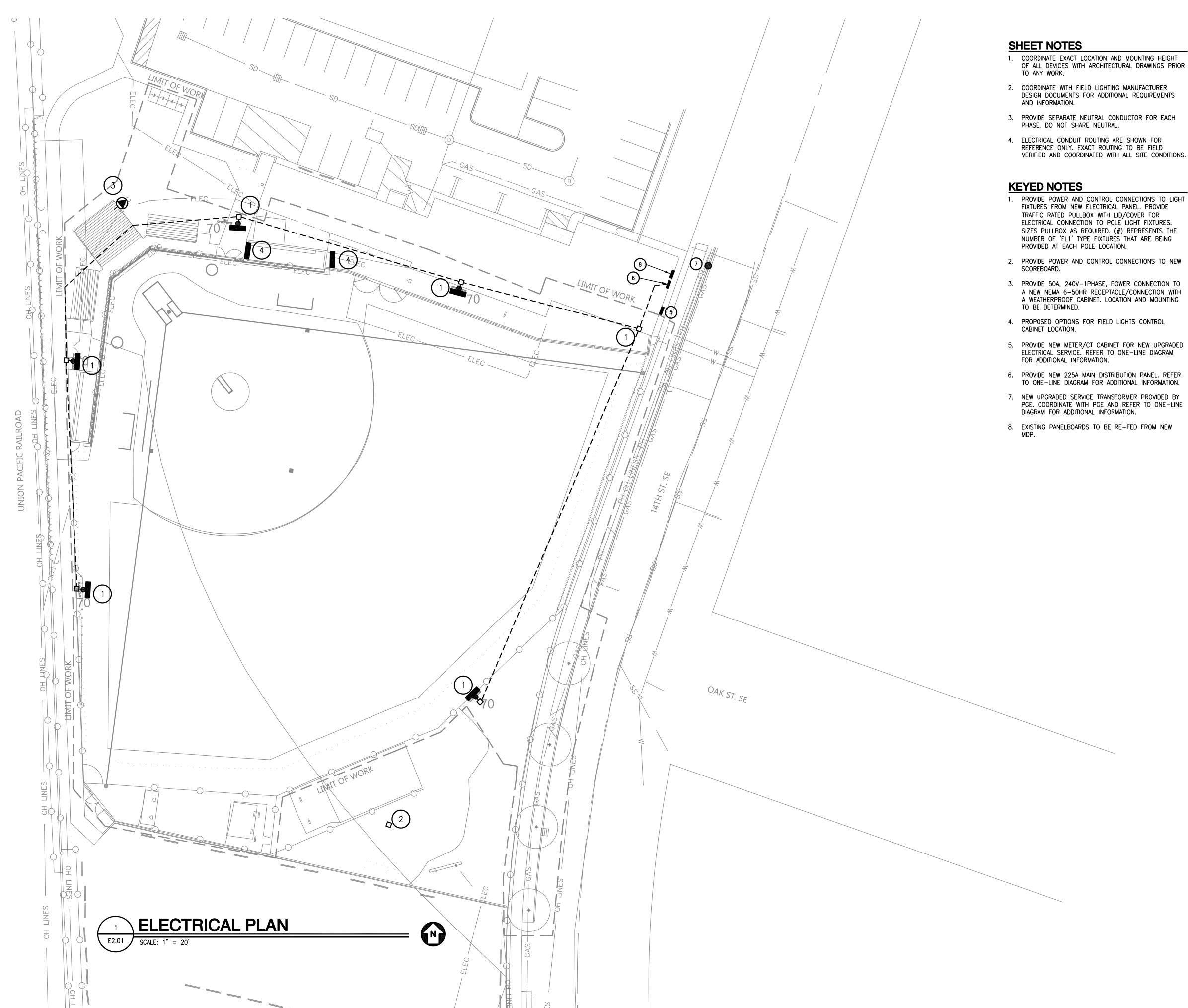
LAND USE

SHEET TITLE

ELECTRICAL DEMOLITION PLAN

SHEET #

E1.01





Landscape Architecture & Planning 160 E Broadway, Eugene, OR 97401 133 SW 2nd Avenue, Ste. 410, Portland, OR 97204 541-485-7385

www.cameronmccarthy.com

940 Willamette Street, Suite 310 Eugene, OR 97401 TEL: 541.686.8478 www.mazzetti.com

Project Number: 023-000175

OFTBALL VEMEN<sup>-</sup>

2. PROVIDE POWER AND CONTROL CONNECTIONS TO NEW

3. PROVIDE 50A, 240V-1PHASE, POWER CONNECTION TO A NEW NEMA 6-50HR RECEPTACLE/CONNECTION WITH A WEATHERPROOF CABINET. LOCATION AND MOUNTING

5. PROVIDE NEW METER/CT CABINET FOR NEW UPGRADED ELECTRICAL SERVICE. REFER TO ONE-LINE DIAGRAM

TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.

7. NEW UPGRADED SERVICE TRANSFORMER PROVIDED BY PGE. COORDINATE WITH PGE AND REFER TO ONE-LINE

MDS Drawn By: Checked: 23.054 Project #: 03.24.2025

LAND USE

SHEET TITLE

ELECTRICAL PLAN

SHEET #

E2.01