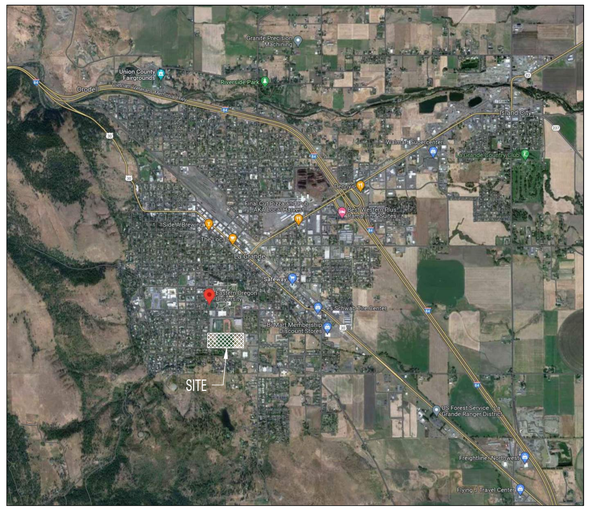
EOU BALLFIELD COMPLEX RENOVATION
PHASE 1 BID PACKAGE A: SITE GRADING & UTILITIES

E AVENUE, LA GRANDE, OREGON 97850



1 OVERALL SITE PLAN

NOT TO SCALE



2 VICINITY MAP

NOT TO SCALE

PROJECT DIRECTORY

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E0.00	ELECTRICAL LEGENDS, SITE PLAN, & SCHEDULES
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landscape architect's seal

REGISTERED LANDSCAPE ARCHITECT
824
James Richard Szabo
OREGON
02.24.2014
EXPIRES: 02.28.2026

consultant

revision schedule

no.	date	description

project
EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	

sheet description
COVER SHEET

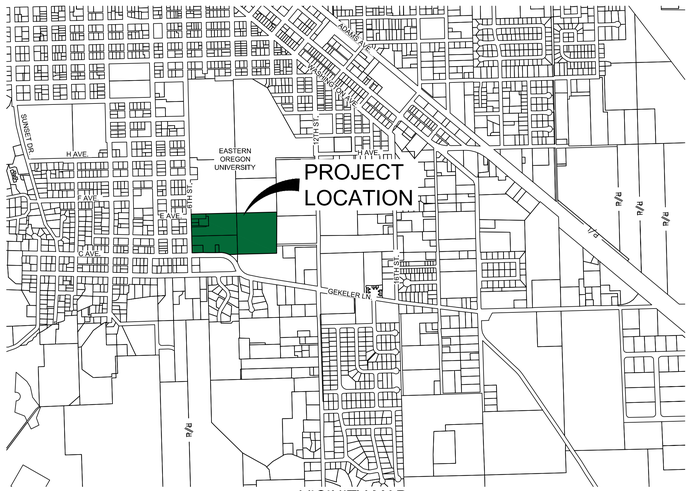
sheet number
LCS0.00

project phase
BID SET

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BALL FIELD COMPLEX
EASTERN OREGON UNIVERSITY
LA GRANDE, OR

BID PACKAGE A
CIVIL CONSTRUCTION DOCUMENTS



VICINITY MAP

PROJECT NO. RP-25-00262

OWNER

EASTERN OREGON UNIVERSITY
LA GRANDE, OREGON

PRESIDENT:
DR. KELLY A. RYAN

BOARD OF TRUSTEES:
CHRISTINE CRONIN
SCOTT DAVIDSON
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CHUCK HOFMANN
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BRENDA SMITH
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MAURIZIO VALERIO

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CITY OF LA GRANDE	(541) 962-8438
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AMBULANCE	911
DIGLINE	1-800-332-2344 or 811
OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY	1-800-452-4011

ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-221-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT WWW.DIGSAFELYOREGON.COM. ONE OF THE REQUIREMENTS OF THESE RULES IS THAT EXCAVATORS MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. TO COMPLY TO THIS REQUIREMENT, CALL 811.

BID PACKAGE A
CIVIL SHEET INDEX

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C-501	CITY STANDARD DETAILS

J-U-B ENGINEERS, INC.

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CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

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engineer's seal

REGISTERED PROFESSIONAL ENGINEER
89733PE
OREGON
JAN. 5, 2015
PAUL SCOTT INWARDS

EXPIRES: 6/30/2027

consultant

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revision schedule

no.	date	description

keymap

project

EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	
sheet description	COVER SHEET
sheet number	C-001
project phase	BID SET

GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS, THE 2024 EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, AND SPECIAL PROVISIONS.
2. ALL WORK SHALL CONFORM TO THE CONSTRUCTION STANDARDS AS PRESCRIBED OR APPROVED BY THE NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) AND AMERICAN SPORTS BUILDERS ASSOCIATION (ASBA) "SPORTS FIELDS: A CONSTRUCTION & MAINTENANCE MANUAL."
3. A PRECONSTRUCTION CONFERENCE SHALL BE HELD A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO START OF WORK. ALL CONTRACTORS, SUBCONTRACTORS AND/OR UTILITY CONTRACTORS SHALL BE PRESENT.
4. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION STAKING FOR VERTICAL AND HORIZONTAL CONTROL. ALL CONSTRUCTION STAKING SHALL BE COMPLETED UNDER THE SUPERVISION OF A P.L.S. LICENSED IN THE STATE OF OREGON. CONSTRUCTION STAKING SHALL BE INCIDENTAL TO THE PROJECT.
5. THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE LICENSED BY THE STATE OF OREGON.
6. EOU HAS JURISDICTION OVER THIS PROJECT. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND BUSINESS LICENSES PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR IS REQUIRED TO PROVIDE THE OWNER WITH A 24 HOUR, SEVEN DAYS A WEEK, EMERGENCY CONTACT PERSON FOR THE PROJECT. THE EMERGENCY CONTACT SHALL HAVE A MAXIMUM ONE HOUR RESPONSE TIME AND SHALL HAVE THE AUTHORITY TO MOBILIZE EQUIPMENT AND MANPOWER AS REQUIRED.
8. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE FINAL DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
9. ALL CONTRACTORS WORKING WITHIN THE PROJECT BOUNDARIES ARE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND CONTROL OF VEHICULAR AND PEDESTRIAN TRAFFIC WITHIN AND AROUND THE CONSTRUCTION AREA. SIGNIFICANT TRAFFIC CONTROL IS NOT ANTICIPATED THEREFORE TRAFFIC CONTROL IS CONSIDERED INCIDENTAL TO THE PROJECT.
10. ALL MATERIALS FURNISHED ON OR FOR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS IN THE SPECIFICATIONS AND CONTRACTORS MUST FURNISH PROOF THAT ALL MATERIALS INSTALLED ON THIS PROJECT MEET THE REQUIREMENTS OF THE SPECIFICATIONS WHERE A SUBMITTAL IS REQUIRED OR REQUESTED BY THE ENGINEER.
11. WORK SUBJECT TO APPROVAL THAT MUST BE APPROVED PRIOR TO (A) BACKFILLING TRENCHES FOR PIPE; (B) PLACING OF AGGREGATE BASE; (C) PLACING OF CONCRETE; (D) PLACING OF ASPHALT PAVING (E) PLACING OF SYNTHETIC TURF. WORK DONE WITHOUT SUCH APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF PERFORMING THE WORK IN AN ACCEPTABLE MANNER.
12. THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE STANDARDS AT THE JOB SITE FOR THE DURATION OF THE RELATED CONSTRUCTION OPERATIONS.
13. PROTECT EXISTING BUILDINGS, FENCES, RETAINING WALLS, UTILITIES, ELECTRICAL SYSTEMS, IRRIGATION SYSTEMS NOT SPECIFIED FOR REMOVAL, AND ANY OTHER ADJACENT FACILITIES. ANY DAMAGE TO EXISTING FACILITIES BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO ADDITIONAL COMPENSATION SHALL BE PROVIDED TO REPAIR THE DAMAGE. REPAIRS SHALL BE TO THE SATISFACTION OF THE PRIVATE OWNER.
14. CONTRACTOR IS RESPONSIBLE FOR DUST ABATEMENT AND ANY LIABILITY ISSUES RELATED TO DUST AT ANY LOCATION WHICH MAY BE CAUSED BY THIS PROJECT.

EXISTING UTILITIES/EROSION CONTROL NOTES:

1. APPROXIMATE LOCATIONS OF UTILITIES ARE SHOWN ON THE PLANS. THEY ARE TO BE USED FOR GENERAL INFORMATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE APPROPRIATE UTILITY COMPANIES WHEN CONSTRUCTION MIGHT INTERFERE WITH NORMAL OPERATION OF ANY UTILITIES. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE APPROPRIATE UTILITY COMPANY FIELD-LOCATE ANY UTILITY INSTALLATIONS WHICH MIGHT BE AFFECTED BY CONSTRUCTION PRIOR TO BEGINNING WORK IN THAT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE OF EXISTING UTILITIES AND FOR RESTORING ANY UTILITIES DAMAGED DUE TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. DEPTHS AND ELEVATIONS OF UTILITIES ARE UNKNOWN UNLESS OTHERWISE SHOWN. CONTRACTOR SHALL FIELD VERIFY UTILITY DEPTHS, ELEVATIONS, ANY DISCREPANCIES AND/OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
2. THE CONTRACTOR SHALL LOCATE UTILITIES AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND BE RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES AND EXISTING IMPROVEMENTS AS A RESULT OF THE CONTRACTOR'S CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL SUBMIT A COMPLETE EROSION CONTROL PLAN TO EASTERN OREGON UNIVERSITY FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. THE SUBMITTAL IS REQUIRED 7 DAYS IN ADVANCE OF CONSTRUCTION START. EROSION CONTROL PLAN TO FOLLOW/COMPLY WITH ACCEPTED BMP'S AND INCLUDE NARRATIVE FOR MAINTENANCE OF EROSION CONTROL DEVICES. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING, SUBMITTING, AND FILING ALL REQUIRED PERMITS, SWPPP/ESCP NOTICE OF INTENT AND NOTICE OF TERMINATIONS REQUIRED BY ODEQ AND FEDERAL EPA REQUIREMENTS.
4. THE WORK ZONE IS APPROXIMATELY 12 ACRES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL LOCAL, STATE, AND FEDERAL PERMITS REQUIRED FOR STORMWATER POLLUTION PREVENTION AS A RESULT OF THE CONSTRUCTION ACTIVITIES WHILE MEETING THE CONTRACT TIME. ON-SITE CONSTRUCTION PRACTICES SHALL CONFORM TO THE OREGON STATE MANDATED REQUIREMENTS. THE CONTRACTOR SHALL PREPARE, SUBMIT, AND FILE ALL REQUIRED 1200-CN (1-5 ACRES OF DISTURBANCE) OR 1200-C (OVER 5 ACRES OF DISTURBANCE) PERMITS, SWPPP/ECSP NOTICE OF INTENT AND NOTICE OF TERMINATION AS REQUIRED BY OREGON DEQ AND FEDERAL EPA REQUIREMENTS. WORK IS CONSIDERED INCIDENTAL TO THE PROJECT.

SITE NOTES:

1. ALL DIMENSIONS SHOWN ON THESE PLANS AND ANY EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL WARRANT IMMEDIATE ATTENTION OF THE ENGINEER TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.
2. WHEN DISCREPANCIES OCCUR BETWEEN PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER. UNTIMELY NOTIFICATION SHALL NEGATE ANY CONTRACTORS CLAIM FOR ADDITIONAL COMPENSATION.
3. INSPECTION OF WORK SHALL BE BY EASTERN OREGON UNIVERSITY AND THE OWNER'S ENGINEER.
4. WORK ZONE DOES NOT INCLUDE ELECTRICAL DISTURBANCE LIMITS. SURFACE RESTORATION IS INCIDENTAL TO ELECTRICAL WORK.
5. DO NOT REMOVE EXCAVATED WASTE MATERIAL FROM THE SITE. INSTEAD STOCKPILE EXCAVATED MATERIAL FOR OWNER'S USE AT A LOCATION SPECIFIED BY THE OWNER OR OWNER'S REPRESENTATIVE.
6. CONTRACTOR SHALL PROVIDE MATERIAL TESTING BY A CERTIFIED TESTING LABORATORY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE MATERIAL TESTING. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND CONTACT THE INSPECTOR 24 BUSINESS HOURS IN ADVANCE OF CONSTRUCTION WORK REQUIRING TESTING. A COPY OF THE MATERIAL TESTS SHALL BE PROVIDED TO THE OWNER AND/OR THE OWNER'S REPRESENTATIVE. ALL MATERIAL TESTING IS INCIDENTAL TO THE PROJECT.
7. COMPACT SUBGRADE TO 95% OF MAXIMUM DRY DENSITY FOR THE SYNTHETIC TURN AREAS OF THE BASEBALL AND SOFTBALL FIELDS. ALL MATERIAL UNDER THE SYNTHETIC FIELDS TO BE PLACED IN 2" LOOSE LIFTS. TURF AGGREGATE SHALL BE PROOF ROLLED UNTIL IT IS UNYIELDING AND STABLE FOR USE DURING CONSTRUCTION. DRY DENSITY IS DETERMINED BY ASTM TEST METHOD D-1557 (MODIFIED PROCTOR). ALL COMPACTION EFFORTS ARE CONSIDERED INCIDENTAL TO THE PROJECT.
8. ALL MATERIAL PLACED AS FILL OR BACKFILL NOT LOCATED DIRECTLY UNDER THE TURF FIELDS SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
9. DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR IS RESPONSIBLE TO HAVE THE ENTIRE WORK ZONE CLOSED AND SECURED OF ALL ACTIVITIES 24 HOURS PER DAY UNTIL COMPLETION OF THE PROJECT.
10. DO NOT EXCEED MAXIMUM GRADES AS PRESCRIBED BY NCAA.
11. ALL STORM DRAINAGE AND WATER APPURTENANCES SHALL BE INSPECTED BY OWNER OR OWNER'S REPRESENTATIVE PRIOR TO BACKFILL.
12. NO ASPHALT PAVEMENT SHALL BE PLACED WITHOUT FIRST RECEIVING AN "APPROVAL TO PAVE" LETTER FROM THE OWNER.
13. THE CONTRACTOR MAY ELECT TO REMOVE ASPHALT SURFACING BY EXCAVATING, GRINDING OR OTHER ACCEPTABLE METHODS. ALL WASTE ASPHALT SHALL BECOME THE PROPERTY OF THE CONTRACTOR TO BE LOADED AND HAULED OFF FOR DISPOSAL. THE CONTRACTOR SHALL PROVIDE HIS OWN DISPOSAL SITE FOR PAVEMENT REMNANTS.
14. MAINTAIN ACCESS TO ALL EXISTING PUBLIC AND PRIVATE ROADS, ACCESSES, PROPERTIES, AND BUSINESSES DURING CONSTRUCTION. COORDINATE WITH ALL AFFECTED PROPERTY OWNERS AND THE CITY, AND MINIMIZE DISRUPTION TO ACCESS AND OPERATIONS. ACCESS FOR EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
15. CONTRACTOR'S HOURS OF OPERATION SHALL BE: WORKING HOURS ARE MONDAY-FRIDAY 7 AM TO 7 PM. NO WORK IS ALLOWED ON SUNDAY OR NATIONAL HOLIDAYS EXCEPT FOR INSPECTION AND MAINTENANCE OF TRAFFIC CONTROL AND/OR EROSION AND SEDIMENT CONTROL BMP'S.
16. AT COMPLETION OF PROJECT, CONTRACTOR SHALL NOTIFY OWNER AND/OR OWNER'S REPRESENTATIVE FOR FINAL PUNCH LIST WALK THROUGH. FINAL PUNCH LIST ITEMS SHALL BE COMPLETED NO LATER THAN TWO (2) WEEKS AFTER FINAL PUNCH LIST WALK THROUGH.
17. PRIOR TO FINAL PROJECT ACCEPTANCE, CONTRACTOR SHALL CLEAN ALL UNDERGROUND STRUCTURES INCLUDING BUT NOT LIMITED TO MANHOLES, CATCH BASINS, AND STORM DRAINAGE. CONTRACTOR SHALL POWER SWEEP ROADWAY TO REMOVE ALL DEBRIS, SEDIMENT, STAINS, SPILLS, AND OTHER FOREIGN DEPOSITS.
18. PRIOR TO FINAL PROJECT ACCEPTANCE, CONTRACTOR SHALL PROVIDE THE OWNER AND/OR OWNER'S REPRESENTATIVE CONSTRUCTION REDLINE RECORD DRAWINGS. ALL PLAN CHANGES SHALL BE NOTED ON REDLINE RECORD DRAWINGS.

WATER NOTES:

1. ALL WATERLINE APPURTENANCES SHALL BE INSPECTED BY THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO BACKFILL.
2. THE OWNER OR OWNER'S REPRESENTATIVE WILL INSPECT ALL WATERLINE CONSTRUCTION. THE CONTRACTOR WILL NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION.
3. MIN. 48 INCHES OF COVER SHALL BE PROVIDED FOR ALL WATER MAINS.
4. COMPLY WITH OAR 333 REGULATIONS GOVERNING THE HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATER AND SANITARY SEWER FACILITIES.
5. THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE TWO (2) WORKING DAYS BEFORE INITIAL CONSTRUCTION BEGINS AND SHALL ALSO REQUEST INSPECTION OF WATER LINES AND APPURTENANCES TWENTY-FOUR (24) HOURS IN ADVANCE OF BACKFILLING.
6. CONSTRUCT, FLUSH AND DISINFECT ALL WATER DISTRIBUTION SYSTEMS IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE STANDARD SPECIFICATIONS
7. THE CONTRACTOR MUST PRESSURE TEST ALL WATER LINES AFTER DISINFECTION AND FLUSHING PRIOR TO INSTALLATION OF OTHER UTILITIES TO ENSURE THE INTEGRITY OF THE INSTALLED LINE. AFTER ALL UTILITIES ARE INSTALLED AND PRIOR TO PAVING, THE CONTRACTOR SHALL PERFORM A FINAL PRESSURE TEST WITH THE ENGINEER IN ATTENDANCE. THE CONTRACTOR SHALL FURNISH ALL PERSONNEL AND EQUIPMENT NECESSARY TO CONDUCT THE TEST.
8. WATERLINE AND SANITARY SEWER CROSSINGS: INSTALLATION OF THE WATER WILL CROSS SANITARY SEWER MAINLINES AND SANITARY SEWER SERVICE LATERALS. ALL CROSSINGS WITH SEWER PIPES SHALL MEET OAR 333-061-050(9). THE CONTRACTOR SHALL FIELD VERIFY, POTHOLE, AND EXPOSE THE ALL SEWER PIPE FOR EXAMINATION PER PARAGRAPH (9)(c)(B) OF THE RULE PRIOR TO INSTALLATION AND DETERMINE IF THE WATERLINE CAN BE INSTALLED TO THE SHOWN AND ESTABLISHED LINE AND GRADES WHILE MEETING THE CROSSING RESTRICTIONS. IF THE CROSSING RESTRICTION CANNOT BE MADE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING PER 01140.41(f) OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION FOR A VARIANCE. VARIANCES SHALL FIRST DETERMINE IF THE WATER PIPE LINE AND GRADE CAN BE ADJUSTED PER MANUFACTURES RECOMMEND JOINT DEFLECTION IN ORDER TO MEET THE CROSSING RESTRICTION BEFORE OTHER VARIANCE OPTIONS ARE PROPOSED BY THE CONTRACTOR. THE ENGINEER SHALL EXAMINE ALL SEWER LINES WHEN EXPOSED. IF THE ENGINEER DETERMINES THAT THE CONDITION OF THE SEWER PIPE IS NOT FAVORABLE, OR IS LEAKING, REPLACEMENT OF THE SEWER PIPE PER PARAGRAPH (9)(c)(B) OF THE RULE SHALL BE REQUIRED. VARIANCES THAT DO NOT REQUIRE REPLACING THE SEWER PIPE, OR IF THE CONTRACTOR DAMAGES THE SEWER PIPE THAT REQUIRES REPLACEMENT, ARE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT SHALL BE MADE. VARIANCES THAT REQUIRE SEWER PIPE REPLACEMENT OR ENCASEMENT, AS DETERMINED BY THE ENGINEER, PER PARAGRAPH (9)(c)(B) OF THE RULE WILL BE PAID FOR UNDER A SEPARATE PAY ITEM FOR EACH CROSSING.
9. ALL WATERLINE SHALL BE CONSTRUCTION TO MEET OAR 333-061-0050 AND PART 01100 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION. ALL WATERLINES MUST BE PASS HYDROSTATIC AND DISINFECTION TESTING PRIOR TO CONNECTION TO EXISTING WATERLINES. FILLING AND FLUSHING OF WATERLINES SHALL MEET 01140.50 OF THE STANDARD SPECIFICATIONS, UTILIZING TEMPORARY BLOWOFF ASSEMBLIES WITH RESTRAINED JOINTS PER THE PLANS AND SPECIFICATIONS. FILLING AND FLUSHING FROM THE EXISTING DISTRIBUTION SYSTEM IS NOT ALLOWED. UPON THE SUCCESSFUL HYDROSTATIC AND DISINFECTION TESTING PER 01140.51 AND 01140.52 OF THE STANDARD SPECIFICATIONS, THE CONNECTION TO THE EXISTING MAINS SHALL BE COMPLETED PER 01140.47 AND 01140.47 TO PROVIDE UNINTERRUPTED SERVICE. ALL CONNECTIONS TO THE EXISTING MAINLINE SHALL BE MADE WITHIN 5 FEET OF THE SUCCESSFULLY TESTED WATERLINE. THE CONNECTION SPOOL, VALVES, AND APPURTENANCES SHALL BE CHLORINATED AND THOROUGHLY FLUSHED PER 01140.52(g) OF THE STANDARD SPECIFICATIONS. UPON CONNECTION TO THE EXISTING WATER MAIN, ALL WATER SERVICES SHALL BE RECONNECTED TO THE NEW WATER MAIN PRIOR TO ABANDONMENT OF THE EXISTING WATER MAIN. ABANDON THE EXISTING WATER MAINS IN PLACE PER THE SPECIFICATIONS.
10. COUPLINGS FOR CONNECTIONS OF NEW DI PIPE TO EXISTING PIPE SHALL BE ROMAC 501, ROMAC ALPHA OR APPROVED EQUAL. RESTRAIN ALL ADJACENT FITTINGS PER RESTRAINED PIPE WITH MEGALUG OR APPROVED EQUAL.

AGENCY CONTACTS

EASTERN OREGON UNIVERSITY	JOHN GARLITZ	(541) 962-3020
POWER	OTEC	(541) 963-3155
GAS	AVISTA	1-800-227-9187
WATER	CITY OF LA GRANDE	(541) 962-1313
UTILITY LOCATION	ONE CALL	811

ABBREVIATIONS

>	ANGLE
@	AT (MEASUREMENTS)
BLDG	BUILDING
BM	BENCH MARK
BRNG	BEARING
BSW	BACK OF SIDEWALK
BVC	BEGIN VERTICAL CURB
CB	CATCH BASIN
CG	CURB AND GUTTER
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONST	CONSTRUCT / CONSTRUCTION
CONT	CONTINUOUS
CU FT	CUBIC FEET
CU YD	CUBIC YARD
DEG OR °	DEGREE
DEPT	DEPARTMENT
DET	DETAIL
DIA OR Ø	DIAMETER
DIP	DUCTILE IRON PIPE
DW	DRIVEWAY
DWG	DRAWING
EA	EACH
ELEV	ELEVATION
ENGR	ENGINEER/ENGINEERING
EP OR EOP	EDGE OF PAVEMENT
ESMT	EASMENT
EVC	END VERTICAL CURB
EXIST OR EX	EXISTING
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FO	FIBER OPTIC
FT OR '	FEET
G	GAS
GB	GRADE BREAK
GRND	GROUND
IN OR "	INCH
INV	INVERT
IRR	IRRIGATION
L OR LT	LEFT
LF	LINEAL FEET
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM

MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NO OR #	NUMBER
O.C.	ON CENTER
OHP	OVERHEAD POWER
P/E	PERMANENT EASEMENT
PI	POINT OF INTERSECTION
P.I.P.	PROTECT IN PLACE
PL	PROPERTY LINE
PVI	POINT OF INTERSECTION VERTICAL CURVE
PVT	POINT OF TANGENCY VERTICAL CURVE
R	RADIUS
R OR RT	RIGHT
R&R	REMOVE & REPLACE
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
REV	REVISION
R/W	RIGHT-OF-WAY
S	SLOPE
SC	SAWCUT
SD	STORM DRAIN
SF	SQUARE FEET
SL	STREET LIGHT
SPEC	SPECIFICATION
SQ YD	SQUARE YARD
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
SW	SIDEWALK
SWPPP	STORMWATER WATER POLLUTION PREVENTION PLAN
T	TELEPHONE
TBC	TOP BACK OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TFC	TOP FACE OF CONCRETE
TOC	TOP OF CONCRETE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VC	VERTICAL CURB
W	WATER
W/	WITH
W/O	WITHOUT
W/REQ'D	WHERE REQUIIRED
WL	WATER LINE
WV	WATER VALVE

LINE LEGEND

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
OVERHEAD POWER	OHP	OHP
UNDERGROUND POWER	UP	UP
UNDERGROUND TELEPHONE	UT	UT
FIBER OPTIC	F/O	F/O
CABLE TELEVISION	CTV	CTV
STORM DRAIN (GENERAL)	SD	SD
STORM DRAIN	X"SD	X"SD
SANITARY SEWER (GENERAL)	SS	SS
SANITARY SEWER SERVICE	SS SS	SS SS
WATER (GENERAL)	W	W
IRRIGATION	IRR	IRR
NATURAL GAS	G	G
PROPERTY LINE	P/L	P/L
TEMPORARY EASEMENT	T/E	T/E
PERMANENT EASEMENT	P/E	P/E
FENCE	X	X
MAJOR CONTOUR	2521	
MINOR CONTOUR		
CUT LIMITS		
FILL LIMITS		
DITCH		
ROAD SHOULDER		
ROAD CENTERLINE		
ROAD ASPHALT		EP
ROAD GRAVEL		EG
TOP BACK OF CURB		
LIP OF GUTTER		
SAWCUT		
RIGHT-OF-WAY	R/W	R/W

SYMBOL LEGEND

SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
SURVEY		
SURVEY CONTROL		
BOLLARD		
MAIL BOX	M	M
SIGN		
TREE (CONIFEROUS)		
TREE (DECIDUOUS)		
MANHOLE (UTILITY)		
TELE. PEDESTAL	T	T
TV PEDESTAL	TV	TV
GUY WIRE		
FIRE HYDRANT		
WATER METER		
WATER VALVE	W	W
ELEC. METER	E	E
ELEC. TRANS.	E	E
ELEC. JUNCTION BOX	J	J
POWER POLE		
STREET LIGHT		
IRRIGATION VALVE	IRR	IRR
IRRIGATION VALVE BOX	I	I
SPRINKLER		
GAS METER	G	G
GAS VALVE	G	G
CLEANOUT		
SS MANHOLE	S	
CATCH BASIN		
BARREL SECTION CATCH BASIN		
DRY WELL	DW	DW
SD MANHOLE	D	
UTILITY VALVE		
TURN ARROW		
ARROW STRAIGHT		
ARROW STRAIGHT/TURN		
BICYCLE ROUTE		
HANDICAP SYMBOL		

SURVEY CONTROL

CONTROL POINTS

POINT NUMBER	N COORDINATE	E COORDINATE	ELEVATION	DESCRIPTION
1	611196.09	8822132.64	2800.50	HUB & TACK
2	611218.24	8821778.4	2800.93	HUB & TACK
7	610142.16	8820821.07	2837.55	HUB & TACK
8	611103.57	8820941.66	2818.58	5/8"REBAR JUB CAP

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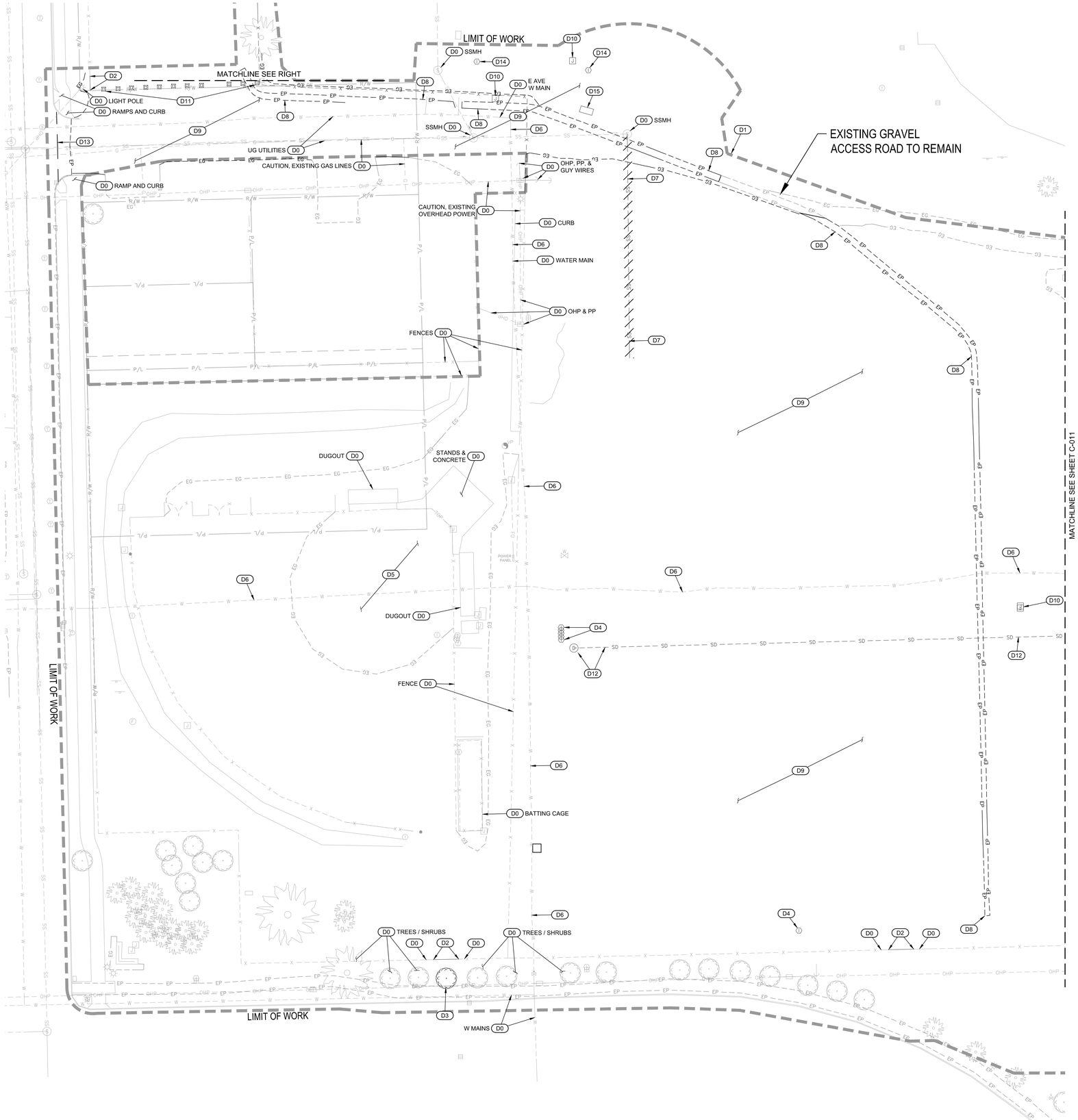
no.	date	description

keymap

project

EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	
sheet description	NOTES & LEGEND
sheet number	C-002
project phase	BID SET



0 30 60

SCALE IN FEET

KEYED NOTES:

DEMOLITION

- D0 PROTECT IN PLACE
- D1 GENERAL DEMOLITION LIMITS, TYP.
- D2 REMOVE EXISTING FENCE, POSTS, AND FOUNDATIONS. REMOVE TO NEAREST POST WHEN ADJACENT SECTIONS ARE TO REMAIN.
- D3 REMOVE EXISTING TREE/BUSH INCLUDING STUMP AND ROOTS. SEE ALSO LANDSCAPING PLANS.
- D4 REMOVE IRRIGATION BOX AND EQUIPMENT, SEE ALSO IRRIGATION PLANS.
- D5 EXISTING SOFTBALL FIELD AND APPURTENANCES TO REMAIN FOR PACKAGE A, RETAIN AND PROTECT IN PLACE.
- D6 EXISTING WATER MAINS TO BE RELOCATED BY CITY OF LA GRANDE PUBLIC WORKS. RETAIN AND PROTECT IN PLACE (INCLUDING ANY VALVES, FITTINGS, THRUST BLOCKS, ETC.) UNTIL RELOCATED. LOCATION SHOWN IS APPROXIMATE. COORDINATE WITH CITY OF LA GRANDE.
- D7 REMOVE EXISTING SEWER MAIN AND ANY ABANDONED SERVICES. GROUT CLOSED PIPE PENETRATION AT MANHOLE PER CITY STDS.
- D8 REMOVE EXISTING ASPHALT PATH TO SAWCUT LINES
- D9 CLEAR AND GRUB SITE WITHIN FOOTPRINT OF PLANNED WORK. REMOVE EXISTING TOPSOIL AND ORGANIC MATERIALS.
- D10 REMOVE/RELOCATE EXISTING ELEC J-BOXES. SEE ALSO ELECTRICAL PLANS.
- D11 REMOVE EXISTING FENCE/GUARDRAIL AND POSTS ALONG ENTIRE SOUTH BOUNDARY OF PARKING LOT
- D12 REMOVE EXISTING DRAIN PIPE OUTFALL, MANHOLE(S), CONNECTED PIPES / TILES, AND APPURTENANCES (DIG AND VERIFY EXTENT OF EXISTING DRAIN SYSTEM - NOTIFY ENGINEER IF OUTFALL SERVES ANYTHING OTHER THAN EXISTING BALLFIELD UNDERDRAINS / TILE SYSTEM)
- D13 SAWCUT & MATCH EXISTING, REMOVE EXISTING ASPHALT AND/OR CONCRETE PAVEMENT WITHIN NEW CONSTRUCTION AREA
- D14 SEE LANDSCAPING & IRRIGATION PLANS FOR IRRIGATION MODIFICATIONS
- D15 REMOVE EXISTING CONCRETE / BRICK

NOTES:

1. CONTRACTOR SHALL COORDINATE WITH POWER COMPANY TO DE-ENERGIZE EXISTING ELECTRICAL SYSTEMS PRIOR TO BEGINNING DEMOLITION.
2. CONTRACTOR RESPONSIBLE FOR OBTAINING CITY DEMOLITION PERMITS AND OTHER COORDINATION.
3. DEMOLITION PLAN PROVIDED FOR GENERAL GUIDANCE AND EXTENT OF DEMO LIMITS. CONTRACTOR TO REVIEW SITE CONDITIONS AND PROVIDE DEMO AS NEEDED WITHIN WORK AREA FOR CONSTRUCTION OF PROJECT IMPROVEMENTS WHETHER NOTED HEREON OR NOT.
4. SEE PLANS BY OTHERS FOR ADDITIONAL DEMO NOTES AND DETAILS (E.G. IRRIGATION PLANS FOR DEMO/MODIFICATIONS OF IRRIGATION SYSTEM).
5. DESIGN WAS DONE WITHOUT THE BENEFIT OF A BOUNDARY SURVEY. ANY PROPERTY LINES AND EASEMENTS SHOWN ARE APPROXIMATE. CONTRACTOR'S SURVEYOR TO CONFIRM FEATURES ARE ON EOU PROPERTY PRIOR TO DEMOLITION.

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project

EOU BALLFIELD COMPLEX PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	

sheet description

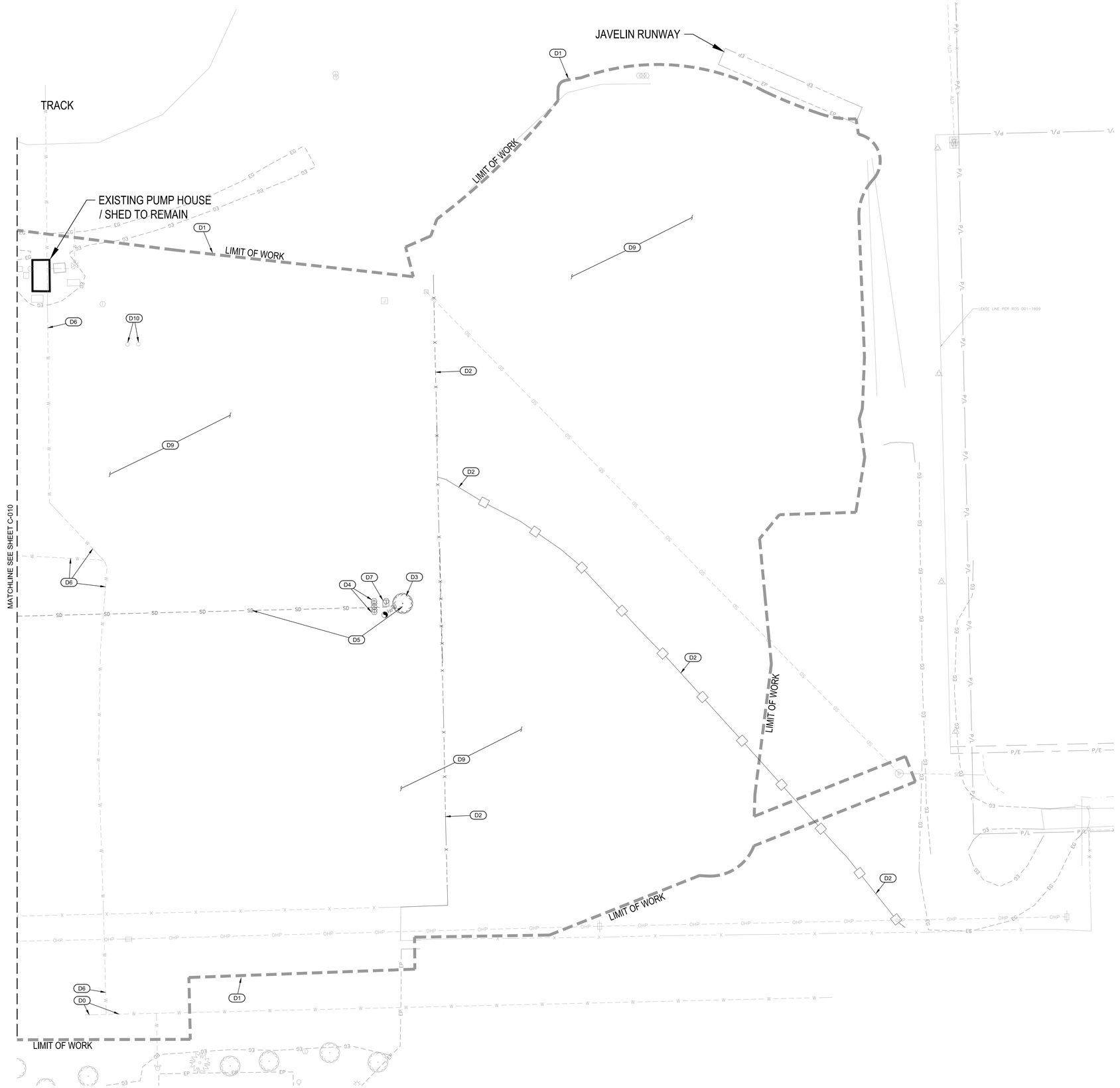
DEMOLITION PLAN - A WEST

sheet number

C-010

project phase

BID SET



KEYED NOTES:

DEMOLITION

- D0 PROTECT IN PLACE
- D1 GENERAL DEMOLITION LIMITS, TYP.
- D2 REMOVE EXISTING FENCE, POSTS, AND FOUNDATIONS
- D3 REMOVE EXISTING TREE/BUSH INCLUDING STUMP AND ROOTS. SEE ALSO LANDSCAPING PLANS.
- D4 REMOVE IRRIGATION BOXES AND EQUIPMENT. SEE ALSO IRRIGATION PLANS.
- D5 REMOVE EXISTING DRAIN PIPE OUTFALL, MANHOLE(S), CONNECTED PIPES, AND APPURTENANCES (DIG AND VERIFY EXTENT OF EXISTING DRAIN SYSTEM - NOTIFY ENGINEER IF OUTFALL SERVES ANYTHING OTHER THAN EXISTING BALLFIELD UNDERDRAIN / TILE SYSTEM)
- D6 EXISTING WATER MAINS TO BE RELOCATED BY CITY OF LA GRANDE PUBLIC WORKS. RETAIN AND PROTECT IN PLACE (INCLUDING ANY VALVES, FITTINGS, THRUST BLOCKS, ETC.) UNTIL RELOCATED. LOCATION SHOWN IS APPROXIMATE. COORDINATE WITH CITY OF LA GRANDE.
- D7 REMOVE EXISTING ELEC J-BOX. SEE ALSO ELECTRICAL PLANS.
- D8 REMOVE EXISTING ASPHALT PATH, SAWCUT NORTH END.
- D9 CLEAR AND GRUB SITE WITHIN FULL FOOTPRINT OF PLANNED WORK. REMOVE EXISTING TOPSOIL AND ORGANIC MATERIALS.
- D10 REMOVE EXISTING OLD SOCCER SCOREBOARD INCLUDING ANY FOUNDATIONS AND ELECTRICAL SERVICE

NOTES:

1. CONTRACTOR SHALL COORDINATE WITH POWER COMPANY TO DE-ENERGIZE EXISTING ELECTRICAL SYSTEMS PRIOR TO BEGINNING DEMOLITION.
2. CONTRACTOR RESPONSIBLE FOR OBTAINING CITY DEMOLITION PERMITS AND OTHER COORDINATION.
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4. SEE PLANS BY OTHERS FOR ADDITIONAL DEMO NOTES AND DETAILS (E.G. IRRIGATION PLANS FOR DEMO/MODIFICATIONS OF IRRIGATION SYSTEM).
5. DESIGN WAS DONE WITHOUT THE BENEFIT OF A BOUNDARY SURVEY. ANY PROPERTY LINES AND EASEMENTS SHOWN ARE APPROXIMATE. CONTRACTOR'S SURVEYOR TO CONFIRM FEATURES ARE ON EOU PROPERTY PRIOR TO DEMOLITION.

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agency project number	

sheet description

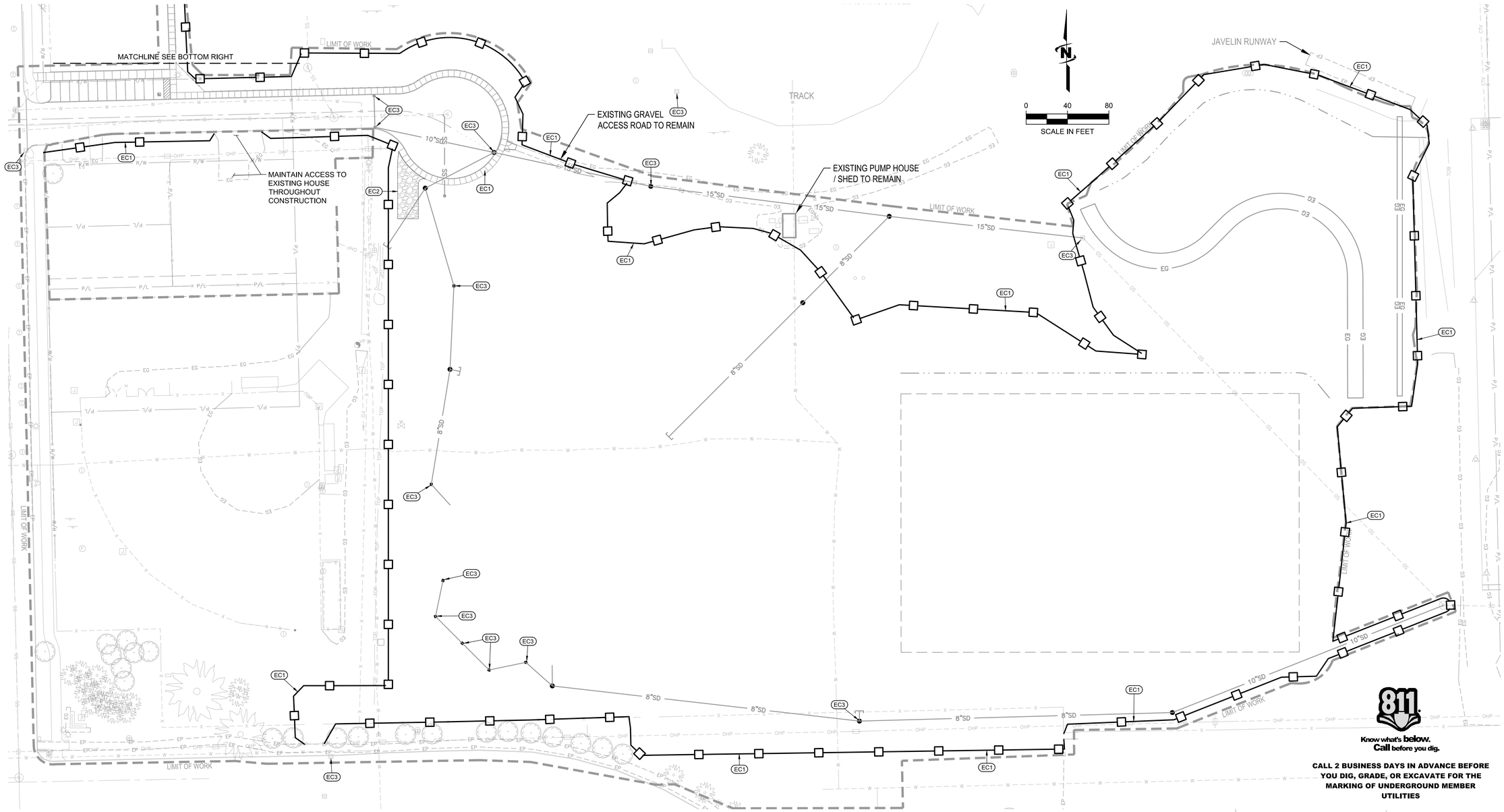
DEMOLITION PLAN - A EAST

sheet number

C-011

project phase

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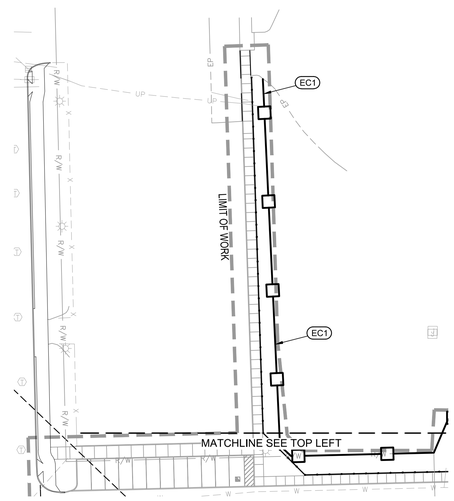
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no.	date	description

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project

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PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	

sheet description

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

sheet number

C-012

project phase

BID SET

KEYED NOTES

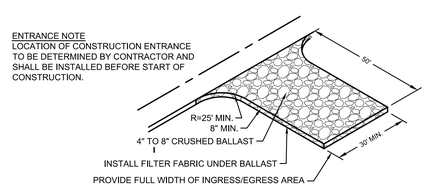
EROSION CONTROL

- EC1 — SILT FENCE (2)
- EC2 — VEHICLE TRACKING CONTROL EXIT - ACTUAL LOCATION TO BE DETERMINED BY CONTRACTOR (1)
- EC3 — INSTALL TEMPORARY FILTER FABRIC AT CATCH BASINS AND ALL OTHER STORM DRAINAGE INLETS, NEW AND EXISTING. REMOVE AFTER FINAL SITE STABILIZATION. (3)

CONTRACTOR SHALL OBTAIN 1200-C PERMIT FROM OREGON DEQ AND BE RESPONSIBLE FOR ANY ADDITIONAL EROSION AND SEDIMENT CONTROL BMP'S, PLANS, INSPECTIONS, REPORTING, ETC. REQUIRED FOR PERMIT COMPLIANCE THROUGHOUT THE DURATION OF THE PROJECT UNTIL FINAL STABILIZATION IS COMPLETE AND THE PERMIT IS CLOSED OUT.

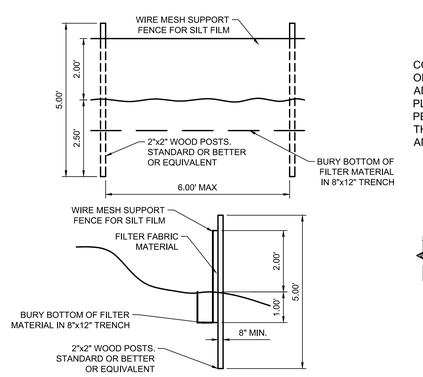
TESC NOTES

1. THE TEMPORARY EROSION CONTROL SYSTEM SHALL BE INSTALLED PRIOR TO ALL OTHER CONSTRUCTION.
2. ALL CLEARING LIMITS AND/OR EASEMENTS SETBACKS, SENSITIVE/CRITICAL AREAS AND THEIR BUFFERS, SIGNIFICANT TREES AND DRAINAGE COURSES SHALL BE CLEARLY STAKED AND MARKED AS SHOWN ON PLANS.
3. PROPERTIES ADJACENT TO THE PROJECT SITE THAT ARE SUBJECT TO POTENTIAL EROSION CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION THROUGH THE USE OF SILT FENCE. WATTLES, OR OTHER BMP SELECTED BY THE CONTRACTOR.
4. ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SHALL BE COVERED WITH FILTER FABRIC TO PREVENT SEDIMENT FROM ENTERING THE SYSTEM. THE FILTER FABRIC SHALL BE INSPECTED REGULARLY AND CLEANED WHEN NECESSARY.
5. WHEREVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED ROADS, A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED (SEE DETAIL) TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) ONTO THE PAVED ROAD. IF SEDIMENT IS TRANSPORTED ONTO A ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. A MINIMUM OF ONE (1) ON-SITE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED.
6. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.
7. ALL POLLUTANTS OTHER THAN SEDIMENT THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM WATER OR THE SITE.
8. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE INSPECTED, MAINTAINED, AND REPAIRED BY THE CONTRACTOR AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED USE.
9. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES, INCLUDING BUT NOT LIMITED TO SILT FENCING, SEDIMENT PONDS/TRAPS, DIVERSIONS SWALES, CHECK DAMS, SEDIMENT BARRIERS, FILTER FABRIC, MULCH, AND SEEDING, AS CONDITIONS REQUIRE. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER.
10. THE CONTRACTOR AND/OR OWNER SHALL BE RESPONSIBLE AT ALL TIMES FOR PREVENTING SILT-LADEN RUNOFF FROM DISCHARGING FROM THE PROJECT SITE. FAILURE BY THE CONTRACTOR AND/OR OWNER CAN RESULT IN A FINE.
11. AT NO TIME SHALL CONCRETE, CONCRETE BY-PRODUCTS, VEHICLE FLUIDS, PAINT, CHEMICALS, OR OTHER POLLUTING MATTER BE PERMITTED TO DISCHARGE TO THE TEMPORARY OR PERMANENT DRAINAGE SYSTEM, OR TO DISCHARGE FROM THE PROJECT SITE.
12. AT ALL TIMES OF THE YEAR, THE CONTRACTOR SHALL HAVE SUFFICIENT MATERIALS, EQUIPMENT AND LABOR ON-SITE TO STABILIZE AND PREVENT EROSION FROM ALL DENUDED AREAS WITHIN 12-HOURS AS SITE AND WEATHER CONDITIONS DICTATE. CONTRACTOR SHALL PROVIDE DUST CONTROL, AS NECESSARY, TO BE COMPLIANT WITH ALL LOCAL AND STATE CLEAN AIR/DUST CONTROL POLICIES. THE SPRAYING OF WATER ON DRY AREAS SHALL BE USED TO CONTROL DUST. CONTRACTOR SHALL SUPPLY ALL THE NECESSARY WATER FOR DUST CONTROL.
13. CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL ADJACENT PROPERTIES TO THEIR ORIGINAL CONDITION DUE TO ANY CONSTRUCTION RELATED ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
14. NONCOMPLIANCE WITH EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS AND PLAN APPROVAL AND BOND FORECLOSURES.
15. PRIOR TO ANY SITE CONSTRUCTION, INCLUDING CLEARING, LOGGING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR (OR PROJECT ENGINEER) AS REQUIRED BY THESE PLANS.
16. ALL SITE WORK MUST BE PERFORMED IN ACCORDANCE WITH CURRENT CITY ADOPTED INTERNATIONAL BUILDING CODE.
17. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING. HYDROSEEDING IS PREFERRED.
18. CONCRETE WASHOUT SHALL BE CONDUCTED OFFSITE.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES REQUIRED BY THE OWNER, OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY, FEDERAL AND STATE AND LOCAL PERMITS.

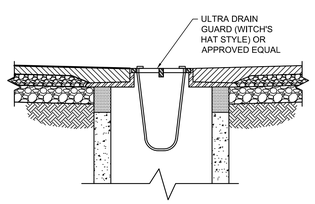


1. THE TEMPORARY CONSTRUCTION ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO NOTE #4 IN THIS PLAN. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. GRAVEL SHALL BE CRUSHED BALLAST ROCK, 12" IN DEPTH AND INSTALLED TO THE SPECIFIED DIMENSIONS AT THE ENTRANCE.
3. THE GRAVEL BALLAST ROCK SHALL BE 4" TO 8" IN DIAMETER AND PLACED ACROSS THE FULL WIDTH OF VEHICULAR INGRESS AND EGRESS AREA. THE LENGTH OF ENTRANCE SHALL BE A MINIMUM OF 100 FEET.
4. IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM VEHICLE TIRES BY CONTACT WITH GRAVEL, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER ONTO A PUBLIC ROAD. WASH WATER MUST BE CARRIED AWAY FROM ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE.
5. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2" STONE, AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

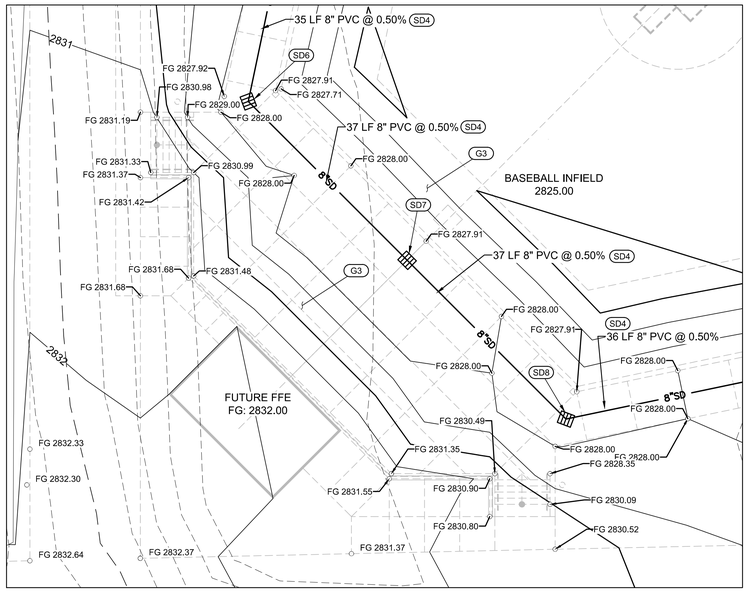
1 VEHICLE TRACKING CONTROL
SCALE:N.T.S.



2 SILT FENCE
SCALE:N.T.S.



3 TEMPORARY INLET FILTER
SCALE:N.T.S.



A BASEBALL DETAIL
SCALE: 1" = 10'

KEYED NOTES:

GRADING

- G1 MATCH EXISTING
- G2 GRADE BREAK
- G3 CONSTRUCT TEMPORARY 4:1 SLOPE AT FUTURE STAIRS, STRUCTURES, AND RETAINING WALLS (PACKAGE B IMPROVEMENTS), IF NOT CONSTRUCTED CONCURRENTLY
- G4 EXISTING 12" WATER MAINS TO BE RELOCATED BY CITY OF LA GRANDE PUBLIC WORKS (SEE DEMO PLAN). RETAIN AND PROTECT IN PLACE (INCLUDING ANY VALVES, FITTINGS, THRUST BLOCKS, ETC.) UNTIL RELOCATED. LOCATION SHOWN IS APPROXIMATE. MAY EXIST DURING GRADING. STOP STORM DRAIN 10' FROM ACTUAL LOCATION, TYP.

STORM DRAIN

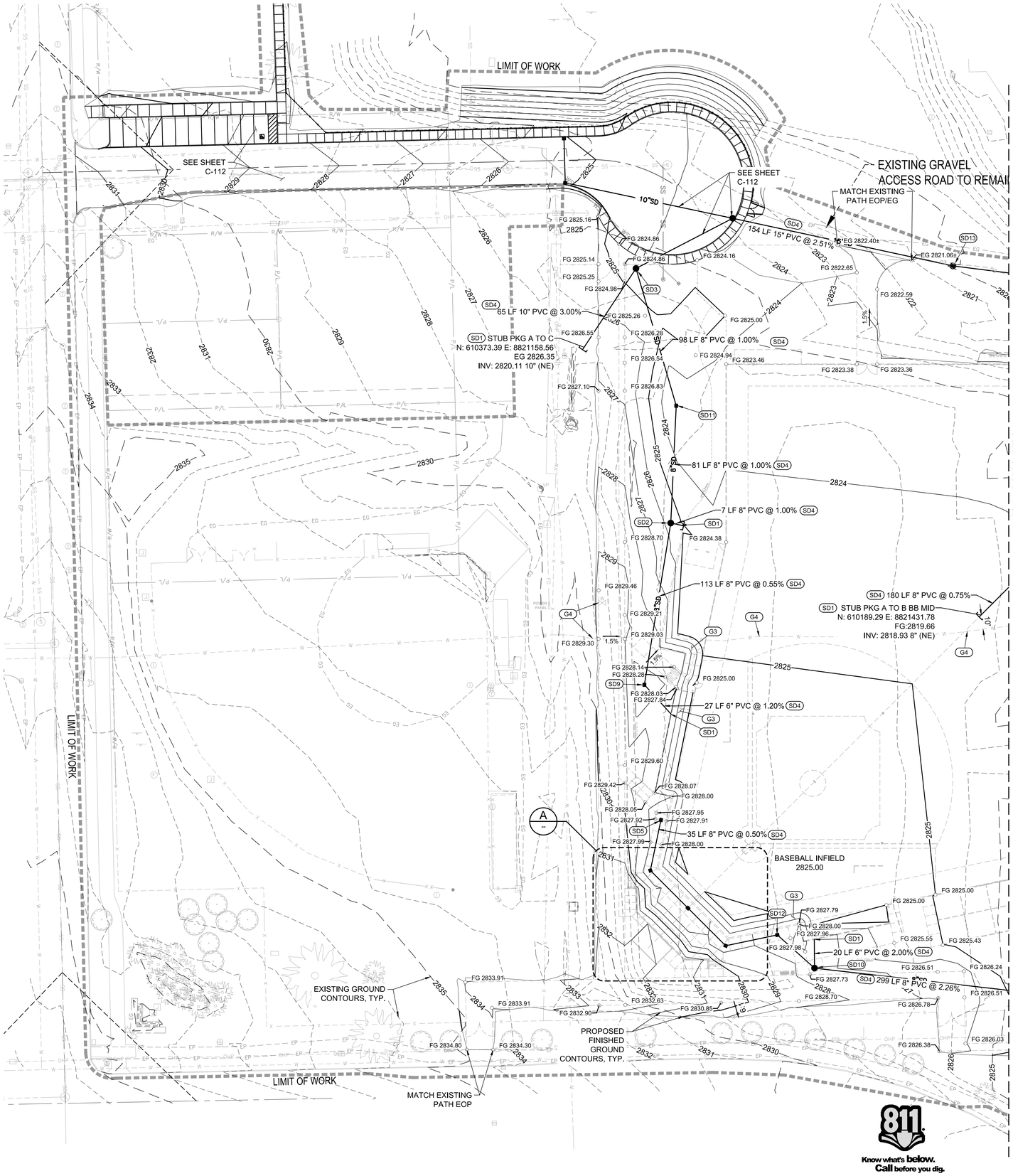
- SD1 CAP STUB AND MARK FOR FUTURE CONNECTION IN PACKAGES B AND C IF NOT CONSTRUCTED CONCURRENTLY.
- SD2 SD MANHOLE WITH SOLID LID (5 / C-500)
  N: 610252.45 E: 8821218.21
  RIM:2825.63
  INV IN: 2820.86 8" (S)
  INV IN: 2820.86 8" (E)
  INV OUT: 2820.66 8" (N)
- SD3 SD MANHOLE WITH SOLID LID (5 / C-500)
  N: 610427.64 E: 8821194.29
  RIM: 2824.77
  INV IN: (S) 2818.67 8"
  INV IN: (SW) 2818.16 10"
  INV OUT: (NE) 2817.96 10"
- SD4 PVC STORM DRAIN PIPE. DIAMETER, LENGTH, SLOPE PER PLAN
- SD5 18" NYLOPLAST DRAIN BASIN WITH PEDESTRIAN GRATE (1 / C-500)
  N: 610048.22 E: 8821211.44
  RIM: 2827.88
  INV OUT: (S) 2825.38 8"
- SD6 18" NYLOPLAST DRAIN BASIN WITH PEDESTRIAN GRATE (1 / C-500)
  N: 610013.48 E: 8821204.18
  RIM: 2827.88
  INV IN: (N) 2825.20 8"
  INV OUT: (SE) 2825.10 8"
- SD7 18" NYLOPLAST DRAIN BASIN WITH PEDESTRIAN GRATE (1 / C-500)
  N: 609987.58 E: 8821230.08
  RIM:2827.88
  INV IN: (NW) 2824.92 8"
  INV OUT: (SE) 2824.82 8"
- SD8 18" NYLOPLAST DRAIN BASIN WITH PEDESTRIAN GRATE (1 / C-500)
  N: 609961.69 E: 8821255.97
  RIM: 2827.88
  INV IN: (NW) 2824.64 8"
  INV OUT: (E) 2824.54 8"
- SD9 SD CATCH BASIN (6 / C-500)
  N: 610141.21 E: 8821200.06
  RIM: 2827.00
  INV IN: (SE) 2821.68 6"
  INV OUT: (N) 2821.48 8"
- SD10 SD MANHOLE WITH SOLID LID (5 / C-500)
  N: 609946.29 E: 8821317.13
  RIM: 2827.63
  INV IN: (NW) 2822.21 8"
  INV IN: (N) 2822.11 6"
  INV OUT: (E) 2822.01 8"
- SD11 SD CATCH BASIN (6 / C-500)
  N: 610333.18 E: 8821221.97
  RIM: 2823.00
  INV IN: (S) 2819.85 8"
  INV OUT: (N) 2819.65 8"
- SD12 18" NYLOPLAST DRAIN BASIN WITH PEDESTRIAN GRATE (1 / C-500)
  N: 609969.12 E: 8821291.50
  RIM: 2827.88
  INV IN: (W) 2824.36 8"
  INV OUT: (SE) 2824.26 8"
- SD13 SD MANHOLE WITH GRATED LID (5 / C-500)
  N: 610429.36 E: 8821412.36
  RIM: 2819.88
  INV IN: (W) 2811.63 15"
  INV OUT: (E) 2811.43 15"

NOTES:
1. SEE LANDSCAPE CONSTRUCTION PLANS (LC SHEETS) FOR SITE LAYOUT, PAVING SECTIONS, AND DIMENSIONS, TYP.

PACKAGE A EARTHWORK QUANTITIES

NEAT-LINE (NO SHRINK/SWELL FACTORS OR STRIPPING APPLIED) VOLUMES CALCULATED FROM EXISTING GRADE TO FINISHED GRADE. FOR PERMITTING PURPOSES ONLY. CONTRACTOR TO INDEPENDENTLY CALCULATE FOR BIDDING AND CONSTRUCTION PURPOSES.

CUT	20,776 CY
FILL	21,702 CY
NET	926 CY IMPORT FROM PACKAGE B & C TO MT. WELCH GRADING



0 30 60
SCALE IN FEET

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OREGON
JAN. 5, 2016
PAUL SCOTT TIMMONS

EXPIRES: 6/30/2027

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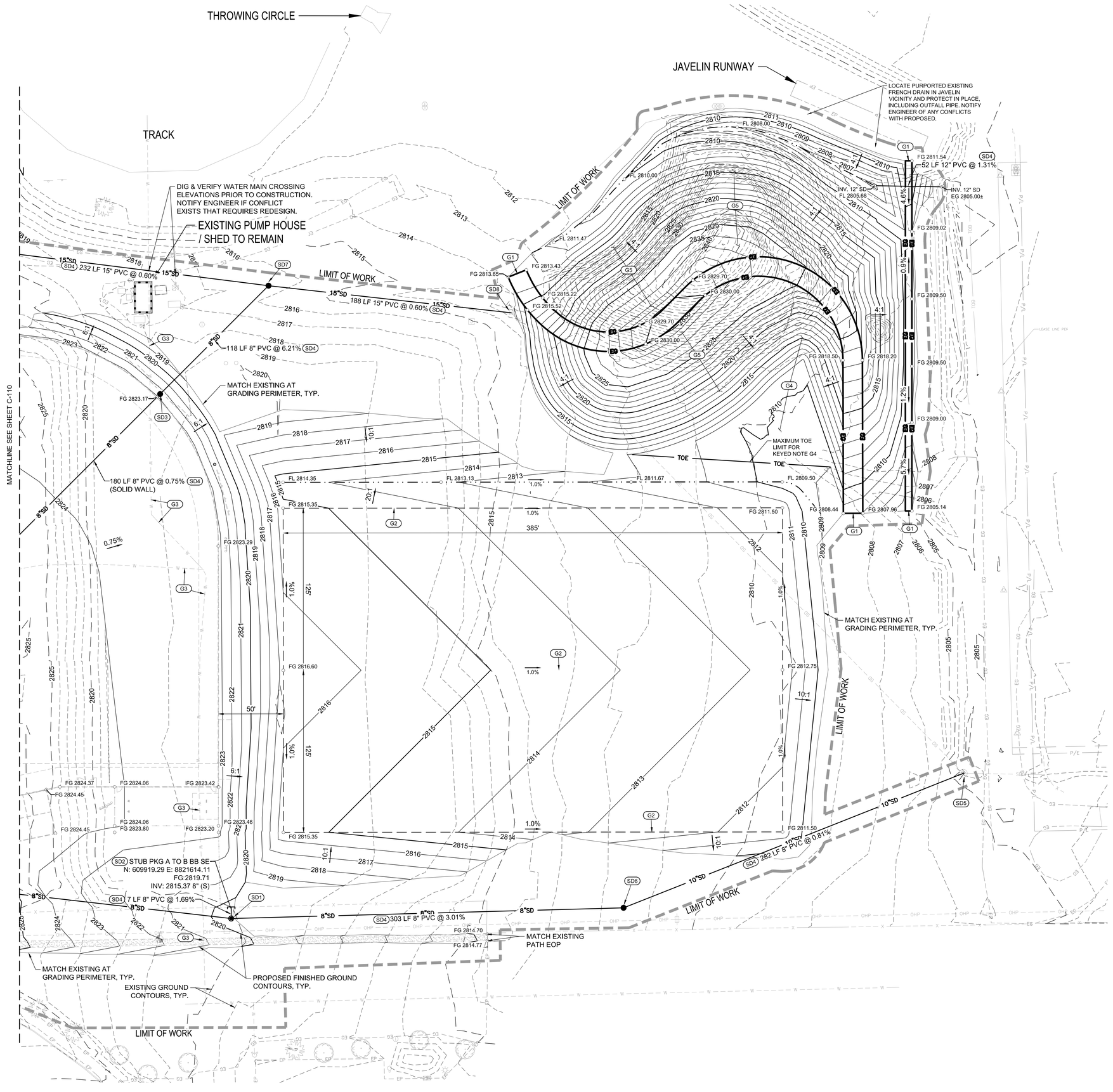
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keymap

project

EOU BALLFIELD COMPLEX PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	
sheet description	GRADING AND DRAINAGE PLAN - A WEST
sheet number	C-110
project phase	BID SET



KEYED NOTES:

GRADING

- (G1) MATCH EXISTING
- (G2) GRADE BREAK
- (G3) EXISTING 12" WATER MAINS TO BE RELOCATED BY CITY OF LA GRANDE PUBLIC WORKS (SEE DEMO PLAN). RETAIN AND PROTECT IN PLACE (INCLUDING ANY VALVES, FITTINGS, THRUST BLOCKS, ETC.) UNTIL RELOCATED. LOCATION SHOWN IS APPROXIMATE. MAY EXIST DURING GRADING. STOP STORM DRAIN 10' FROM ACTUAL LOCATION, TYP.
- (G4) EARTHWORK ADJUSTMENT AREA (FILL) - EXCESS EARTHWORK MATERIAL (CLEAN FILL ONLY, NO CONSTRUCTION DEBRIS) AND EXCESS MATERIAL FROM PACKAGES B & C MAY BE USED TO FILL THIS AREA. CONTOUR TO MATCH ADJACENT GRADES SMOOTHLY, 4:1 MAX. SLOPE. NO EXPORT FROM EOU SITE INTENDED.
- (G5) EARTHWORK ADJUSTMENT AREA (CUT) - ANY EARTHWORK SHORTAGE IN PACKAGE A MAY REQUIRE ADJUSTMENTS TO THE GRADING IN THIS AREA. MAINTAIN OVERALL GRADING HEIGHT (±16' FROM BOTTOM OF PATH TO TOP) AND TIGHTEN TOP OF SLOPES TO PATH EDGES. CONTOUR TO MATCH ADJACENT GRADES SMOOTHLY. 4:1 MAX. SLOPE.

STORM DRAIN

- (SD1) SD MANHOLE WITH GRATED LID (5 / C-500)
  N: 609912.29 E: 8821614.11
  RIM: 2819.50
  INV IN: (N) 2815.25 8"
  INV IN: (W) 2815.25 8"
  INV OUT: (E) 2815.10 8"
- (SD2) CAP STUB AND MARK FOR FUTURE CONNECTION IN PACKAGES B AND C IF NOT CONSTRUCTED CONCURRENTLY.
- (SD3) SD MANHOLE WITH SOLID LID (5 / C-500)
  N: 610316.83 E: 8821559.32
  RIM: 2823.07
  INV IN: (SW) 2817.58 8"
  INV OUT: (NE) 2817.48 8"
- (SD4) PVC STORM DRAIN PIPE. DIAMETER, LENGTH, SLOPE PER PLAN
- (SD5) EXISTING SD MANHOLE TO REMAIN, PROTECT IN PLACE. CORE NEW CONNECTION FOR 8" W.
  RIM: 2809.77±
  INV IN: (W) 2803.51 NEW 8"
  INV IN: (NW) 2805.66 EXIST. 15"
  INV OUT: (E) 2803.51 EXIST. 15"
- (SD6) SD MANHOLE WITH SOLID LID (5 / C-500)
  N: 609920.54 E: 8821916.73
  RIM: 2811.54
  INV IN: (W) 2806.00 8"
  INV OUT: (E) 2805.80 8"
- (SD7) SD MANHOLE WITH SOLID LID (5 / C-500)
  N: 610400.39 E: 8821642.88
  RIM: 2816.43
  INV IN: (W) 2810.04 15"
  INV IN: (SW) 2810.14 8"
  INV OUT: (E) 2809.94 15"
- (SD8) EXISTING SD MANHOLE TO REMAIN, PROTECT IN PLACE. CORE NEW CONNECTION FOR 15" W.
  RIM: 2812.80 ±
  INV IN: (W) 2808.81 NEW 15"
  INV OUT: (SE) 2808.71 EXIST. 15"

NOTES:
1. SEE LANDSCAPE CONSTRUCTION PLANS (LC1.XX SHEETS) FOR SITE LAYOUT, PAVING SECTIONS, AND DIMENSIONS, TYP.
2. SEE SHEET C-110 FOR OVERALL PACKAGE A EARTHWORK QUANTITIES (APPROXIMATE).

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no.	date	description

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0 30 60
SCALE IN FEET

project

EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	

sheet description

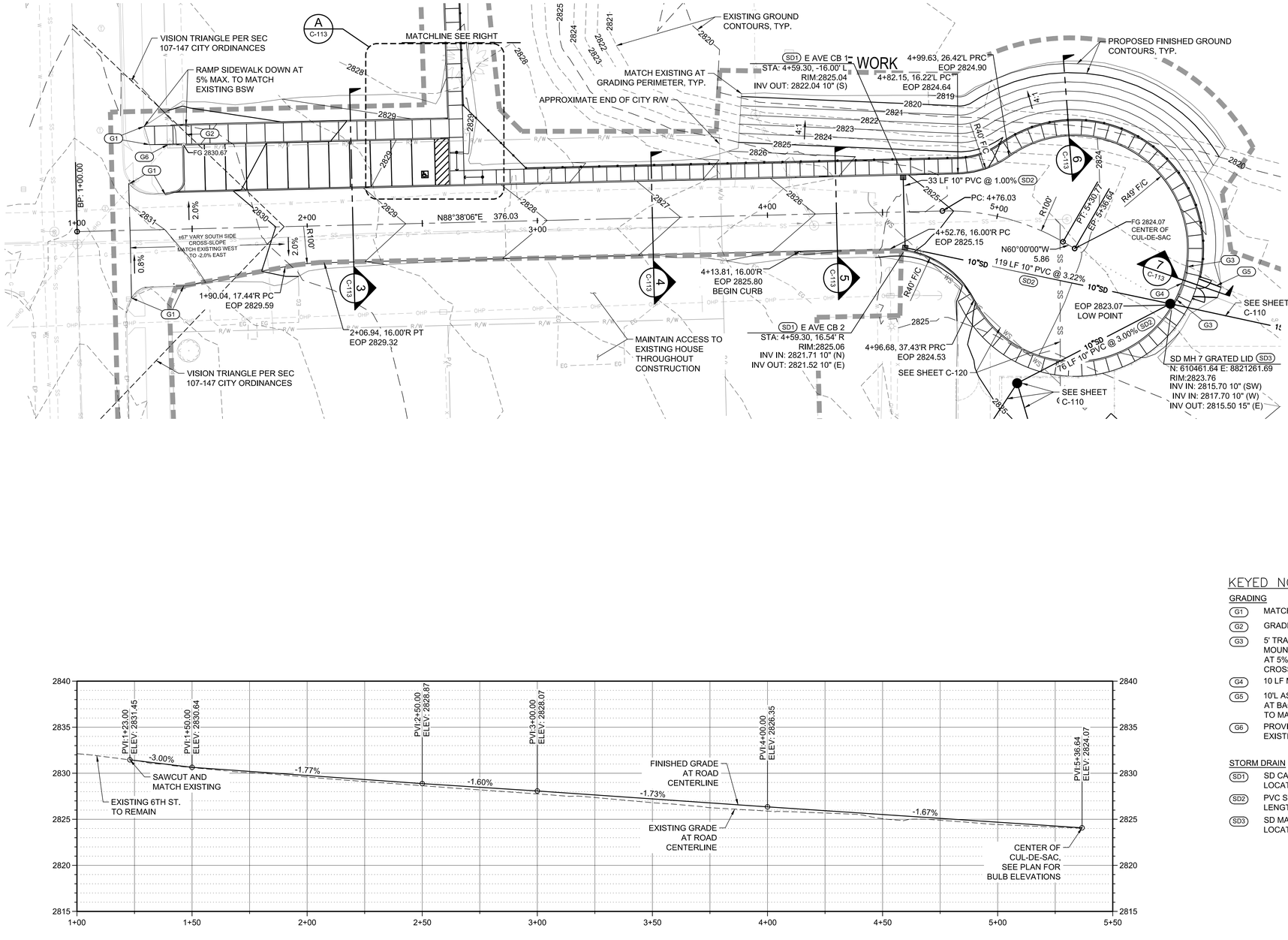
GRADING AND DRAINAGE PLAN - A EAST

sheet number

C-111

project phase

BID SET



KEYED NOTES:

GRADING

- G1 MATCH EXISTING
- G2 GRADE BREAK
- G3 5' TRANSITION FROM STANDARD CURB TO MOUNTABLE CURB, SLOPE SIDEWALK DOWN AT 5% MAX LONGITUDINAL, 2% MAX CROSS-SLOPE
- G4 10 LF MOUNTABLE CURB
- G5 10'L ASPHALT PAVEMENT TRANSITION, 8'W AT BACK OF SIDEWALK (MATCH BSW), TAPER TO MATCH EXISTING PATH AT EAST END.
- G6 PROVIDE EXPANSION JOINT AROUND EXISTING LIGHT POLE

STORM DRAIN

- SD1 SD CATCH BASIN. LOCATION, RIM, INVERTS PER PLAN (6 / C-500)
- SD2 PVC STORM DRAIN PIPE. DIAMETER, LENGTH, SLOPE PER PLAN
- SD3 SD MANHOLE WITH GRATED LID. LOCATION, RIM, INVERTS PER PLAN (5 / C-500)

NOTES:

1. SEE LANDSCAPE CONSTRUCTION PLANS (LC1.00) FOR SITE LAYOUT AND DIMENSIONS, TYP.
2. FG ELEVATIONS AT CURB LINES ARE EDGE OF PAVEMENT OR GUTTER ELEVATIONS U.N.O.

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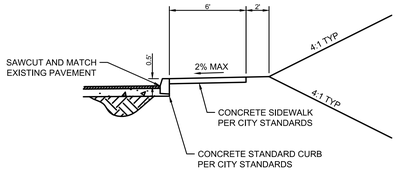
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sheet number

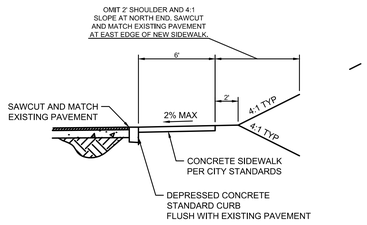
C-112

project phase

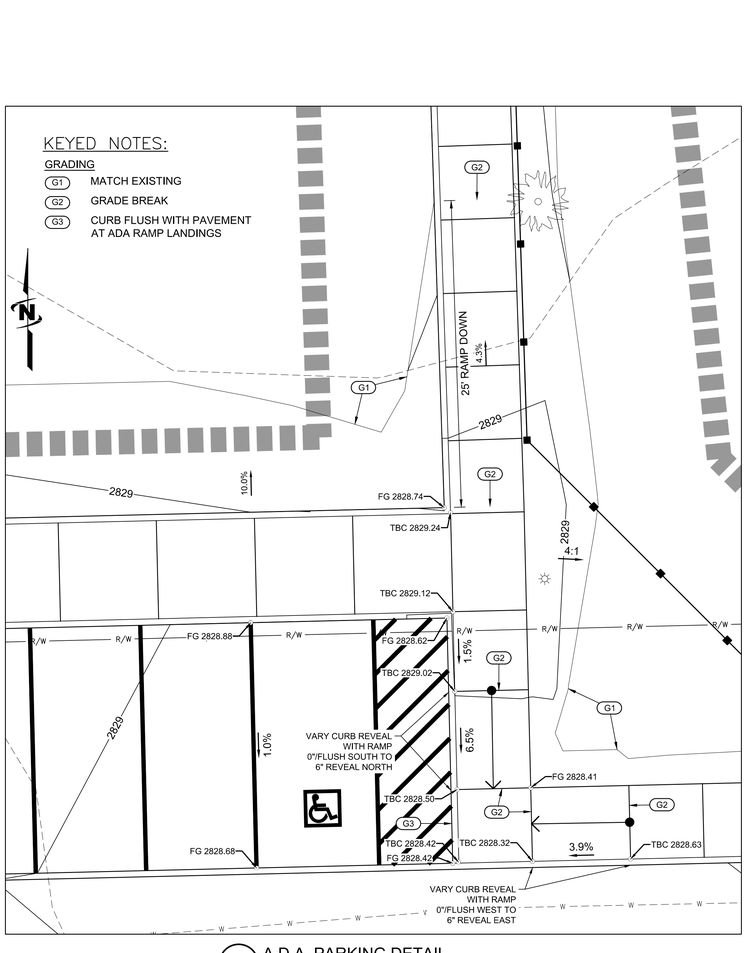
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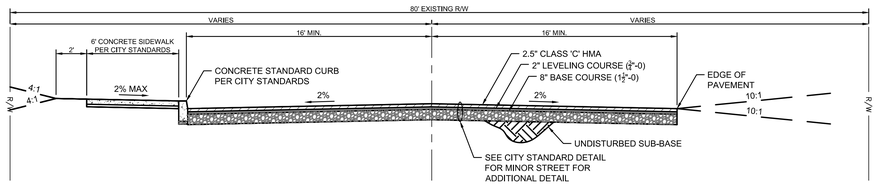
1 TYPICAL RAISED SIDEWALK SECTION
SCALE: N.T.S.



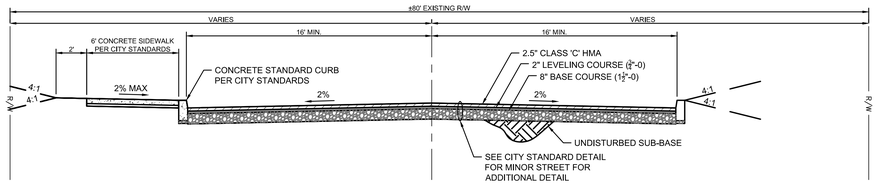
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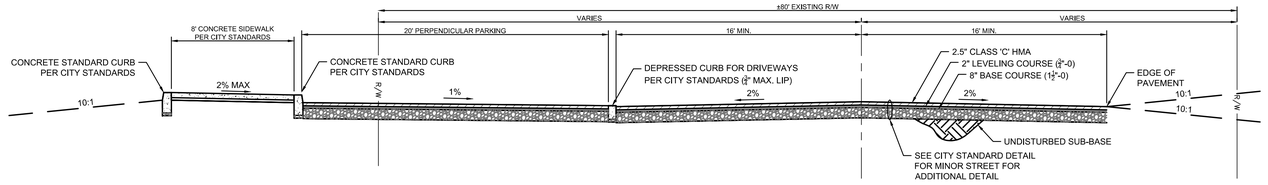
A A.D.A. PARKING DETAIL
SCALE: 1" = 5'



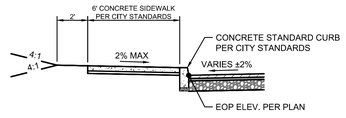
4 TYPICAL E AVE. SECTION - EOP RIGHT
SCALE: N.T.S.



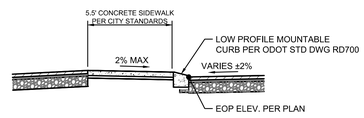
5 TYPICAL E AVE. SECTION - CURB RT
SCALE: N.T.S.



3 TYPICAL E AVE. SECTION - PARKING LT
SCALE: N.T.S.



6 TYPICAL CUL-DE-SAC SECTION - STANDARD CURB
SCALE: N.T.S.



7 TYPICAL CUL-DE-SAC SECTION - MOUNTABLE CURB
SCALE: N.T.S.

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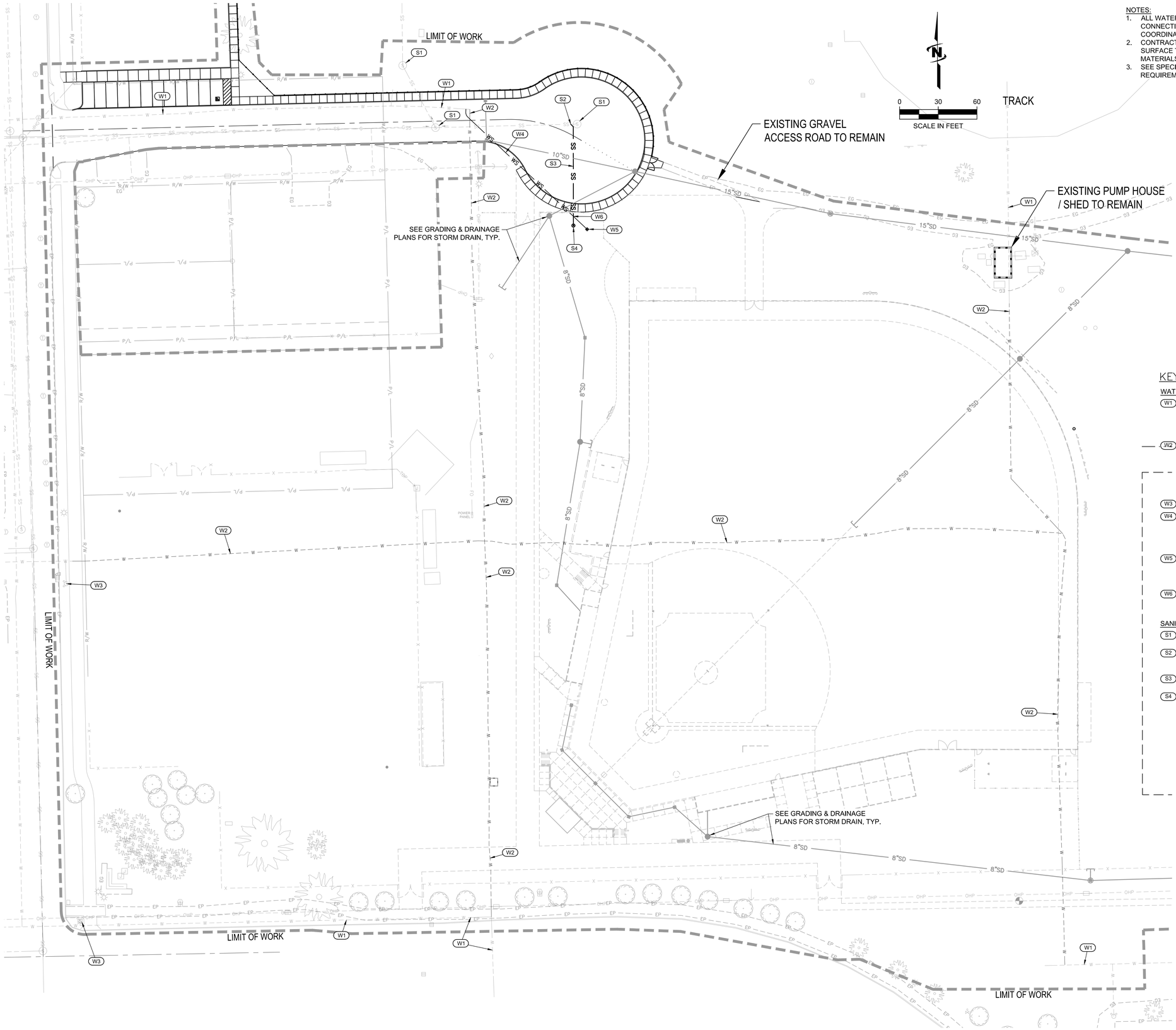
project
EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	

sheet description
E AVENUE AND
SIDEWALK SECTIONS

sheet number
C-113

project phase
BID SET



NOTES:
1. ALL WATER MAIN LIVE TAPS AND CONNECTIONS TO BE MADE BY CITY CREWS, COORDINATE WITH THE CITY OF LA GRANDE.
2. CONTRACTOR SHALL RESTORE EXISTING SURFACE TO MATCH EXISTING SURFACING MATERIALS.
3. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

KEYED NOTES:

WATER

- (W1) EXISTING WATER MAINS TO REMAIN, U.N.O., PROTECT IN PLACE. ADJUST ANY VALVE LIDS, METER BOXES, OR OTHER SURFACE FEATURES WITHIN WORK AREA TO FINISHED GRADE PER CITY STANDARDS.
- (W2) EXISTING WATER MAINS TO BE RELOCATED BY CITY OF LA GRANDE PUBLIC WORKS. RETAIN AND PROTECT IN PLACE (INCLUDING ANY VALVES, FITTINGS, THRUST BLOCKS, ETC.) UNTIL RELOCATED. LOCATION SHOWN IS APPROXIMATE. COORDINATE WITH CITY OF LA GRANDE.
- (W3) PROTECT EXISTING FIRE HYDRANT IN PLACE
- (W4) ±133 LF 1" WATER SERVICE FROM EX. 6" WATER MAIN PER CITY CITY STD DWG 506W. 4' MIN. COVER. WATER MAIN TAP TO BE MADE BY CITY CREWS, COORDINATE WITH THE CITY OF LA GRANDE.
- (W5) INSTALL EMPTY METER BOX FOR FUTURE 1" METER PER CITY STD DWG 502W FOR FUTURE RESTROOM WATER SERVICE (SEE PACKAGE C FOR FUTURE RESTROOM LOCATION)
- (W6) WATER SERVICE TO CROSS OVER TOP OF SEWER SERVICE WITH 18" MIN. CLEARANCE.

SANITARY SEWER

- (S1) PROTECT EXISTING MANHOLE IN PLACE, ADJUST RIM TO FINISHED GRADE PER CITY STANDARDS
- (S2) 4" SEWER TAP ON EX. SEWER MAIN PER CITY STD DWG STSS-06, INVERT UNKNOWN - DIG & VERIFY.
- (S3) ±79 LF PROPOSED 4" SEWER SERVICE @ 2.0% MIN. SLOPE PER CITY STD DWG STSS-06
- (S4) 4" WYE AND CLEANOUT. CAP END OF WYE (EAST) FOR FUTURE CONNECTION.

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agency project number	

sheet description

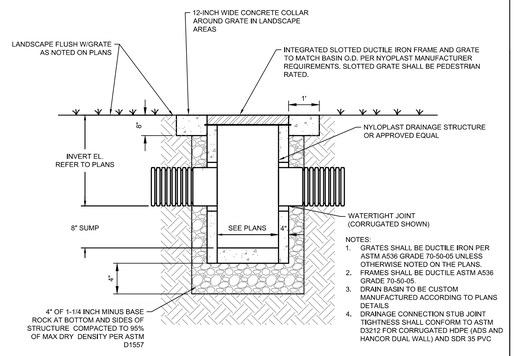
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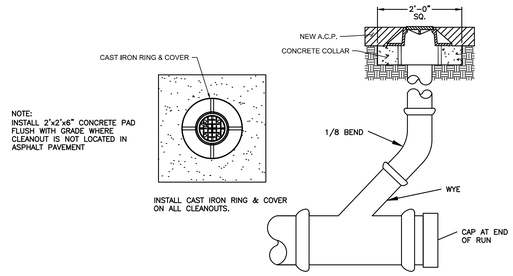
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BID SET

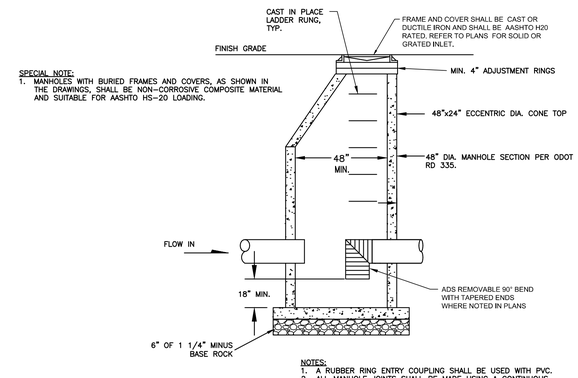


NOTES:
1. GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05 UNLESS OTHERWISE NOTED ON THE PLANS.
2. FRAMES SHALL BE DUCTILE ASTM A536 GRADE 70-50-05.
3. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLANS DETAILS
4. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS AND HANCOR DUAL WALL) AND SDR 35 PVC

1 NYLOPLAST CATCH BASIN
SCALE: N.T.S.



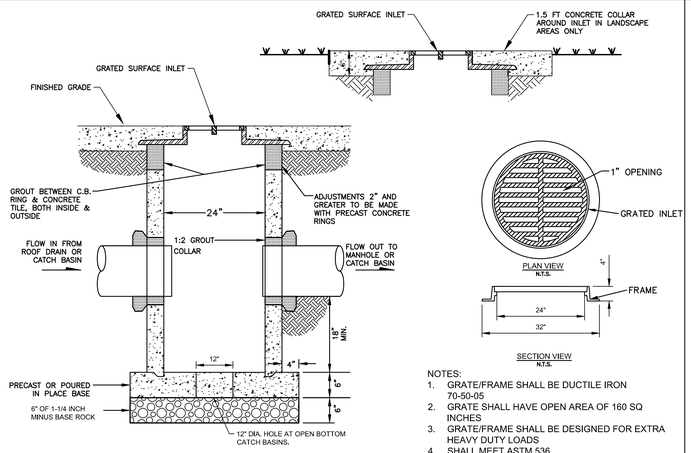
2 CLEANOUT ASSEMBLY
SCALE: N.T.S.



SPECIAL NOTE:
1. MANHOLES WITH BURIED FRAMES AND COVERS, AS SHOWN IN THE DRAWINGS, SHALL BE NON-CORROSIVE COMPOSITE MATERIAL AND SUITABLE FOR AASHTO HS-20 LOADING.

NOTES:
1. A RUBBER RING ENTRY COUPLING SHALL BE USED WITH PVC.
2. ALL MANHOLE JOINTS SHALL BE MADE USING A CONTINUOUS FLEXIBLE RUBBER MANHOLE GASKET OR FULL BED GROUT JOINT.
3. ADJUSTMENTS OVER 2" SHALL UTILIZE PRECAST CONCRETE RINGS. GROUT OR PLACE SEALANT (SONNEBORN-SONOLASTIC NPI OR EQUAL) BETWEEN EACH RING AND AT FRAME.

5 STORM DRAIN MANHOLE
SCALE: N.T.S.



NOTES:
1. GRATE/FRAME SHALL BE DUCTILE IRON 70-50-05
2. GRATE SHALL HAVE OPEN AREA OF 160 SQ INCHES
3. GRATE/FRAME SHALL BE DESIGNED FOR EXTRA HEAVY DUTY LOADS
4. SHALL MEET ASTM 536

6 CATCH BASIN
SCALE: N.T.S.

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no.	date	description

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project
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PHASE 1 - BID PACKAGE A
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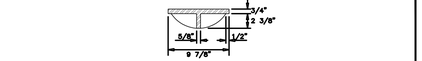
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agency project number

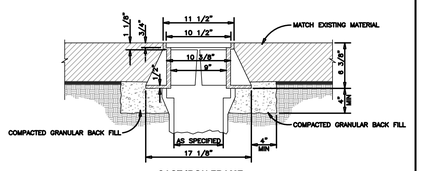
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DETAILS

sheet number
C-500

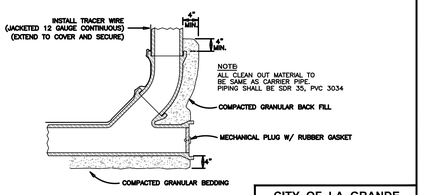
project phase
BID SET



CAST IRON COVER

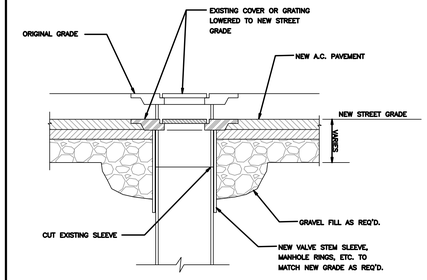


CAST IRON FRAME

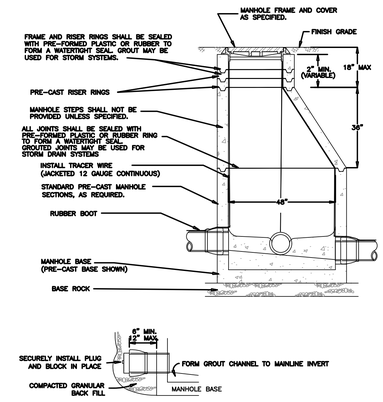


CLEAN OUT

CITY OF LA GRANDE	
SEWER CLEAN OUT AND COVER	
QUESTIONS ? CALL ENGINEERING DIVISION (541)962-1333	
DATE: SEPTEMBER 2012	DRAWING NO. 402 SS



CITY OF LA GRANDE	
UTILITY COVER ADJUSTMENT DETAIL	
QUESTIONS? CALL ENGINEERING DIVISION (541)962-1333	
DATE: DECEMBER 2012	DRAWING NO. 504W

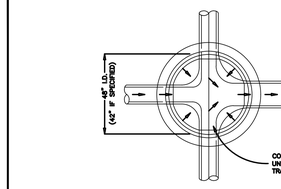


LATERAL STUB OUT DETAIL

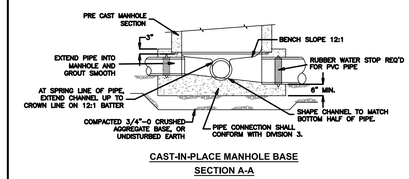
NOTES

1. STANDARD PRE-CAST MANHOLE SECTION DIAMETER SHALL BE 48".
2. ALL CONNECTING PIPES SHALL HAVE A FLEXIBLE JOINT WITHIN 18" OF MANHOLE WALL.
3. SEE MANHOLE BASE SECTION DRAWING FOR BASE DETAILS.

CITY OF LA GRANDE	
STANDARD MANHOLE	
QUESTIONS ? CALL ENGINEERING DIVISION (541)962-1333	
DATE: SEPTEMBER 2012	DRAWING NO. STSS-01



PLAN

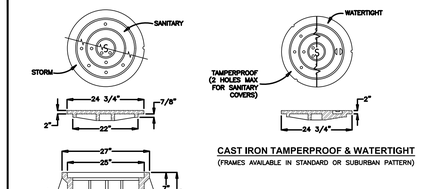


CAST-IN-PLACE MANHOLE BASE
SECTION A-A

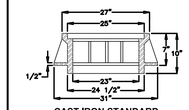
NOTES

1. CONCRETE SHALL BE CLASS 3500 PSI.
2. CHANNELS SHALL BE CONSTRUCTED TO PROVIDE SMOOTH SLOPES AND RADII TO OUTLET PIPE.
3. BASES MAY BE PRE CAST OR POURED IN PLACE.
4. THIS MANHOLE BASE SECTION SHALL BE USED FOR PIPE SIZES UP TO 24".
5. USE RUBBER BOOTS IF PIPE IS FLEXIBLE. BOOTS MAY BE KOR-N-SEAL OR EQUIVALENT.
6. MINIMUM OF 24 HOUR WAIT BEFORE PLACING REMAINING RINGS AND CONE AFTER BASE POUR (IF POURED IN PLACE BASE)
7. IF TRANSITION COUPLINGS ARE REQUIRED, THEY SHALL BE STAINLESS STEEL W/ RUBBER GASKET

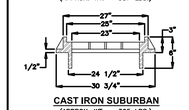
CITY OF LA GRANDE	
STANDARD MANHOLE BASE DETAILS	
QUESTIONS ? CALL ENGINEERING DIVISION (541)962-1333	
DATE: SEPTEMBER 2012	DRAWING NO. STSS-02



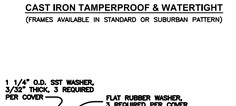
CAST IRON TAMPERPROOF & WATERTIGHT
(FRAMES AVAILABLE IN STANDARD OR SUBURBAN PATTERN)



CAST IRON STANDARD
(APPROX. WT. - 387 LBS.)

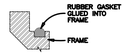


CAST IRON SUBURBAN
(APPROX. WT. - 305 LBS.)



NOTE
3 REQUIRED, 1/2" x 1 1/4" PENTAGONAL OR HEXAGONAL HEAD, BRONZE OR CAD. PLATED. INSTALL FRAME SO THAT ONE BOLT BOSS IS LOCATED OVER THE MANHOLE LADDER.

BOLT-DOWN DETAIL
(FOR TAMPERPROOF AND WATERTIGHT)

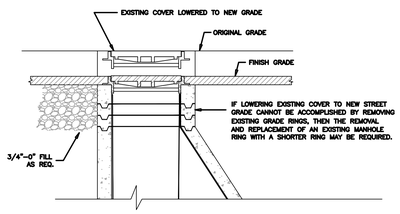


WATERTIGHT GASKET DETAIL

NOTES

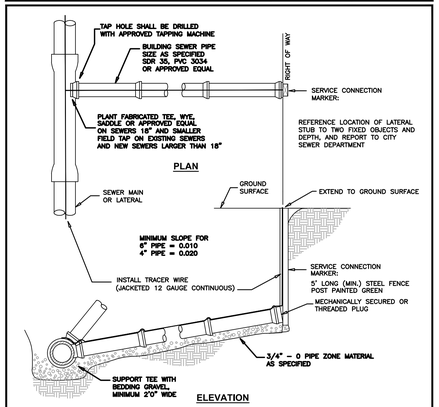
1. TAMPERPROOF COVERS REQ'D ON SANITARY OR STORM DRAIN MANHOLE WHERE LOCATED IN PEDESTRIAN WAYS OR EASEMENT AREAS. TAMPERPROOF COVERS FOR SANITARY MANHOLES SHALL HAVE 2 HOLES MAXIMUM.
2. WATERTIGHT COVERS REQUIRED IF LOCATED WHERE COVER MAY BE SUBMERGED.
3. FRAMES AND COVERS SHALL BE STAMPED WITH MANUFACTURER'S INITIALS, HEAT NUMBER AND POINT OF ORIGIN.

CITY OF LA GRANDE	
MANHOLE COVER AND FRAME DETAILS	
QUESTIONS ? CALL ENGINEERING DIVISION (541)962-1333	
DATE: SEPTEMBER 2012	DRAWING NO. STSS-03



NOTES

1. ALL WORK PERFORMED ON MANHOLES TO ADJUST FOR GRADE SHALL LEAVE THE MANHOLE IN A WATERTIGHT CONDITION.
2. USE KENT SEAL MASTIC ACRYLIC POLYMERIC SEALANT OR EQUAL ON ALL JOINTS.

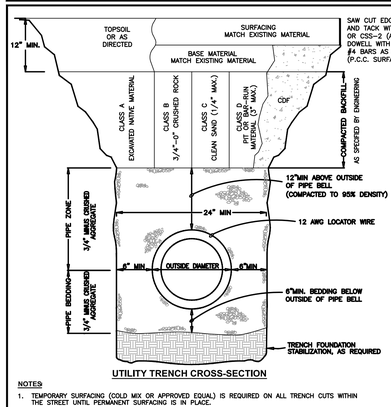


ELEVATION

NOTES

1. BEFORE CONSTRUCTION BEGINS, A RIGHT OF WAY PERMIT SHALL BE OBTAINED FROM THE ENGINEERING DIVISION, AND EXISTING UTILITIES LOCATED.
2. BEFORE THE TRENCH WITHIN THE RIGHT OF WAY IS BACK FILLED, THE INSTALLATION SHALL BE INSPECTED BY THE ENGINEERING DIVISION.
3. PIPE SIZING AND SLOPE SHALL BE DETERMINED BY THE ENGINEERING DIVISION.
4. PIPE AND FITTINGS SHALL BE COMPATIBLE. ONLY MANUFACTURED FITTINGS SHALL BE USED.
5. MINIMUM DEPTH AT RIGHT OF WAY OR EASEMENT LINE SHALL BE 4 FEET.
6. STAMP CURB WITH 3" TALL "S" WHERE LATERAL CROSSES IT.
7. LAY SEWER TAP AT MAX. 45° FROM HORIZONTAL TO ACHIEVE REQUIRED DEPTH AT PROPERTY LINE WHEN MINIMUM SLOPE RESULTS IN EXCESSIVE DEPTH.
8. WHEN WORKING WITHIN CITY RIGHT OF WAY, ALL REQUIREMENTS OF CITY STANDARD DRAWING NO. STSSW-01 PIPE BEDDING AND BACKFILL STANDARDS SHALL BE MET.

CITY OF LA GRANDE	
SEWER SERVICE CONNECTION	
QUESTIONS ? CALL ENGINEERING DIVISION (541)962-1333	
DATE: SEPTEMBER 2012	DRAWING NO. STSS-06

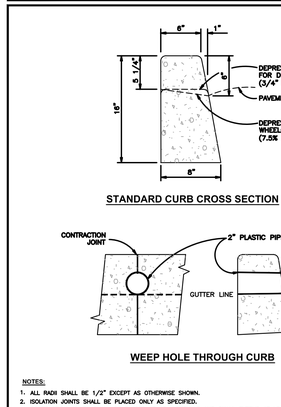


UTILITY TRENCH CROSS-SECTION

NOTES

1. TEMPORARY SURFACING (COLD MIX OR APPROVED EQUAL) IS REQUIRED ON ALL TRENCH CUTS WITHIN THE STREET UNTIL PERMANENT SURFACING IS IN PLACE.
2. BEFORE CONSTRUCTION BEGINS, A RIGHT-OF-WAY PERMIT SHALL BE OBTAINED FROM THE ENGINEERING DIVISION, AND EXISTING UTILITIES LOCATED.
3. BEFORE THE TRENCH WITHIN THE RIGHT-OF-WAY IS BACK FILLED, THE INSTALLATION SHALL BE INSPECTED BY THE ENGINEERING DIVISION.
4. PIPE SIZING AND SLOPE SHALL BE DETERMINED BY THE ENGINEERING DIVISION.
5. ADEQUATE WARNING SIGNS AND BARRICADES SHALL BE MAINTAINED UNTIL REPAIRS ARE COMPLETED. (TRAFFIC CONTROLS IN ACCORDANCE WITH LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES")
6. PERMITTEE IS RESPONSIBLE FOR REPAIR OF ANY DEFECTS WHICH APPEAR FOR A PERIOD OF ONE YEAR SUBSEQUENT TO THE DATE OF COMPLETION OF REPAIRS OR RE-REPAIRS.
7. PERMITTEE SHALL NOTIFY BUSING PROVIDERS, FIRE, POLICE, PUBLIC WORKS, AND AMBULANCE SERVICES PRIOR TO CLOSING, AND IMMEDIATELY AFTER OPENING OF ANY STREET OR ALLEY WHERE REPAIRS HAVE BEEN MADE.
8. STATE REGULATIONS REGARDING SAFETY EQUIPMENT AND PROCEDURES ARE STRONGLY RECOMMENDED TO BE FOLLOWED. SEE CURRENT O.S.H.A. HANDBOOK FOR PROPER SAFETY PROCEDURES.

CITY OF LA GRANDE	
PIPE BEDDING AND BACKFILL STANDARDS	
QUESTIONS? CALL ENGINEERING DIVISION (541)962-1333	
DATE: SEPTEMBER 2012	DRAWING NO. STSSW-01



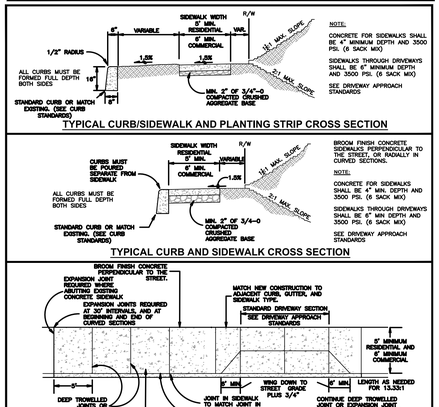
STANDARD CURB CROSS SECTION

WEEP HOLE THROUGH CURB

NOTES:

1. ALL RADII SHALL BE 1/2" EXCEPT AS OTHERWISE SHOWN.
2. ISOLATION JOINTS SHALL BE PLACED ONLY AS SPECIFIED.
3. CONTRACTION JOINTS SHALL BE PLACED AT 15' INTERVALS AND SHALL EXTEND AT LEAST 50% THROUGH THE CURB OR CURB AND GUTTER.
4. A CONTRACTION JOINT SHALL BE PLACED ALONG AND OVER WEEP HOLE THROUGH THE CURB AND THROUGH THE SIDEWALK.
5. WHEN SIDEWALKS ARE CONSTRUCTED, EXTEND 2" PIPE TO BACK OF SIDEWALK AND INSTALL COUPLING.
6. CURBS MUST BE FORMED FULL DEPTH BOTH SIDES, AND POURED SEPARATE FROM SIDEWALK. STREET DAMAGED SHALL BE SAW CUT AND REPAIRED TO MATCH EXISTING SURFACE.
7. EXISTING CONCRETE REMOVED DURING CONSTRUCTION SHALL BE SAW CUT PERPENDICULAR TO CURBLINE.
8. BEFORE CONSTRUCTION BEGINS, A RIGHT OF WAY PERMIT MUST BE OBTAINED FROM THE ENGINEERING DIVISION AND EXISTING UTILITIES LOCATED.
9. BEFORE CONCRETE IS POURED, ENGINEERING DIVISION MUST INSPECT FORM WORK (48 HR. NOTICE REQUIRED).
10. ALL PORTLAND CEMENT CONCRETE SHALL BE 3500 PSI (6 SACK) WITH 4-7% ENTRAINED AIR AND A 4" MAXIMUM SLUMP.
11. CONCRETE PLACED FOR CURBS AND SIDEWALKS SHALL BE CURED WITH A TYPE 2 COMPOUND AND APPLIED AT A MIN. RATE OF 1.1 GALLONS PER 150 SQ FT.
12. IF CONCRETE IS POURED WHEN TEMPERATURE DROPS BELOW 35°F DURING THE FIVE DAYS AFTER THE POUR, IT SHALL BE COVERED WITH INSULATING BLANKETS TO PROTECT CONCRETE FROM FREEZING.
13. BROOM FINISH CONCRETE PARALLEL TO THE STREET.

CITY OF LA GRANDE	
CURB AND CURB AND GUTTER STANDARDS	
QUESTIONS? CALL ENGINEERING DIVISION (541)962-1333	
DATE: MAY 2019	DRAWING NO. 201 SW



TYPICAL CURB/SIDEWALK AND PLANTING STRIP CROSS SECTION

NOTE:
CONCRETE FOR SIDEWALKS SHALL BE 4" MINIMUM DEPTH AND 3500 PSI. (6 SACK MIX)
SIDEWALKS THROUGH DRIVEWAYS SHALL BE 6" MINIMUM DEPTH AND 3500 PSI. (6 SACK MIX)
SEE DRIVEWAY APPROACH STANDARDS

TYPICAL CURB AND SIDEWALK CROSS SECTION

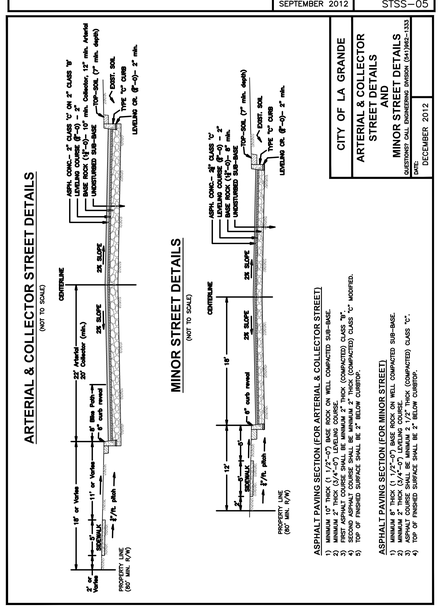
BROOM FINISH CONCRETE PERPENDICULAR TO THE STREET.
NOTE:
CONCRETE FOR SIDEWALKS SHALL BE 4" MIN. DEPTH AND 3500 PSI. (6 SACK MIX)
SIDEWALKS THROUGH DRIVEWAYS SHALL BE 6" MIN. DEPTH AND 3500 PSI. (6 SACK MIX)
SEE DRIVEWAY APPROACH STANDARDS

CURB AND SIDEWALK PLAN VIEW

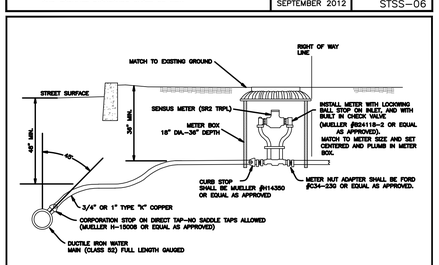
NOTES:

1. SIDEWALKS 8 FEET AND WIDER SHALL HAVE A LONGITUDINAL CONTRACTION JOINT AT THE MIDPOINT.
2. CONCRETE TO BE USED SHALL BE 3500 (6 SACK MIX) P.S.I. IN 28 DAYS, HAVE 4%-7% ENTRAINED AIR, AND A 4" MAXIMUM SLUMP.
3. BEFORE ANY DRIVEWAY/SIDEWALK CONSTRUCTION BEGINS A RIGHT OF WAY PERMIT MUST BE OBTAINED FROM THE ENGINEERING DIVISION.
4. BEFORE CONCRETE IS POURED, ENGINEERING DIVISION MUST INSPECT FORM WORK (48 HOUR NOTICE REQUIRED).
5. CONCRETE WALKS, CURBS, AND DRIVEWAYS REMOVED DURING CONSTRUCTION MUST BE SAW CUT. ALL CUTS SHALL BE PERPENDICULAR TO THE CURB (OR RADIAL ON CURVES).
6. 6" AN EXCAVATION FALLS WITHIN 30" OF AN EXISTING JOINT OR EDGE, THE CONCRETE SHALL BE REPLACED TO THE JOINT OR EDGE.
7. 1 1/2" DEEP TROWELLED JOINTS MAY BE SUBSTITUTED FOR EXPANSION JOINTS, EXCEPT WHEN ABUTTING EXISTING SIDEWALKS, OR AT 30' INTERVALS.
8. 15' MINIMUM SPACING BETWEEN DRIVEWAYS (UNLESS APPROVED BY ENGINEERING DIVISION)
9. STREET DAMAGED SHALL BE SAW CUT AND REPAIRED TO MATCH EXISTING SURFACE.
10. CONCRETE PLACED FOR SIDEWALKS SHALL BE CURED WITH A TYPE 2 CURING COMPOUND AND SHALL BE APPLIED AT A MIN. RATE OF 1.1 GALLONS PER 150 SQ FT.
11. IF CONCRETE IS POURED WHEN TEMPERATURE DROPS BELOW 35°F DURING THE FIVE DAYS AFTER THE POUR, IT SHALL BE COVERED WITH INSULATING BLANKETS TO PROTECT THE CONCRETE FROM FREEZING.
12. IN REPAIRS OR ALTERATIONS THE MIN. REPAIR IS A 5' X 5' SECTION.

CITY OF LA GRANDE	
SIDEWALK STANDARDS	
QUESTIONS? CALL ENGINEERING DIVISION (541)962-1333	
DATE: AUGUST 2018	DRAWING NO. 203 SW



CITY OF LA GRANDE	
ARTERIAL & COLLECTOR STREET DETAILS AND MINOR STREET DETAILS	
QUESTIONS? CALL ENGINEERING DIVISION (541)962-1333	
DATE: DECEMBER 2012	DRAWING NO. 501W

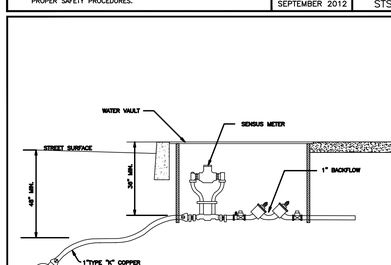


TYPICAL 3/4" - 1" WATER SERVICE LINE CROSS-SECTION

NOTES:

1. RESURFACING OF PAVED AREAS SHALL MATCH EXISTING SURFACE TYPE AND DEPTH. ALL TRENCH EDGES SHALL BE SAW CUT PRIOR TO RESURFACING.
2. BEFORE CONSTRUCTION BEGINS, A RIGHT OF WAY PERMIT SHALL BE OBTAINED FROM THE ENGINEERING DIVISION, AND EXISTING UTILITIES LOCATED.
3. BEFORE THE TRENCH WITHIN THE RIGHT-OF-WAY IS BACKFILLED, THE INSTALLATION SHALL BE INSPECTED BY THE CITY WATER DEPARTMENT.
4. WATER TAP INSTALLATION MAY BE PERFORMED BY A LICENSED CONTRACTOR OR BY THE CITY WATER DEPARTMENT.
5. HOT TAP OF SERVICE LINE TO MAIN LINE SHALL BE PERFORMED EXCLUSIVELY BY THE CITY WATER DEPARTMENT.
6. MAINTAIN SERVICE LINE 48" DEEP BENEATH STREET. (SEE PIPE BEDDING AND BACK FILL STANDARDS)
7. PIPE MUST BE PRESSURE TESTED, FLUSHED AND DISINFECTED AS PER AWWA STANDARDS CONTACT CITY WATER DEPARTMENT WHEN FLUSHING AND TESTING ARE DONE SO THESE PROCEDURES CAN BE WITNESSED BY QUALIFIED CITY PERSONNEL.
8. COMPACT NATIVE BACK FILL OUTSIDE OF STREET SECTION IN A MINIMUM OF TWO LIFTS.
9. STATE REGULATIONS REGARDING SAFETY EQUIPMENT AND PROCEDURES ARE STRONGLY RECOMMENDED TO BE FOLLOWED. SEE CURRENT O.S.H.A. HANDBOOK FOR PROPER SAFETY PROCEDURES.
10. ALL WATER MAINLINES MUST BE FULL LENGTH GAUGED.

CITY OF LA GRANDE	
WATER TAP STANDARDS	
QUESTIONS? CALL ENGINEERING DIVISION (541)962-1333	
DATE: DECEMBER 2012	DRAWING NO. 502W



TYPICAL 1" WATER SERVICE WITH BACKFLOW DEVICE

NOTES:

1. CITY SHALL INSTALL WATER SERVICE WITH METER AND BACKFLOW DEVICE. A 1 INCH DIA. STUB WILL BE PROVIDED FOR THE CONSTRACTOR TO CONNECT TO.
2. CONTRACTOR WILL ADJUST WATER VAULT TO PROPER GRADE.

CITY OF LA GRANDE	
TYPICAL 1" WATER SERVICE WITH BACKFLOW	
QUESTIONS? CALL ENGINEERING DIVISION (541)962-1333	
DATE: JANUARY 2015	DRAWING NO. 506W

811
Know what's below.
Call before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

SZABO
LANDSCAPE ARCHITECTURE
1000 NW WALL ST., STE 205 | BEND, OR 97703
541.382.2059 | WWW.SZABO-LA.COM

engineer's seal

REGISTERED PROFESSIONAL ENGINEER
89733PE
OREGON
JAN. 5, 2016
PAUL SCOTT INMAN

EXPIRES: 6/30/2027

consultant

JUB

J-U-B ENGINEERS, INC.
J-U-B ENGINEERS, INC.
3611 S. Zintel Way
Kennewick, WA 99337
Phone: 509.783.2144
www.jub.com

revision schedule

no.	date	description

keymap

project

EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	

sheet description

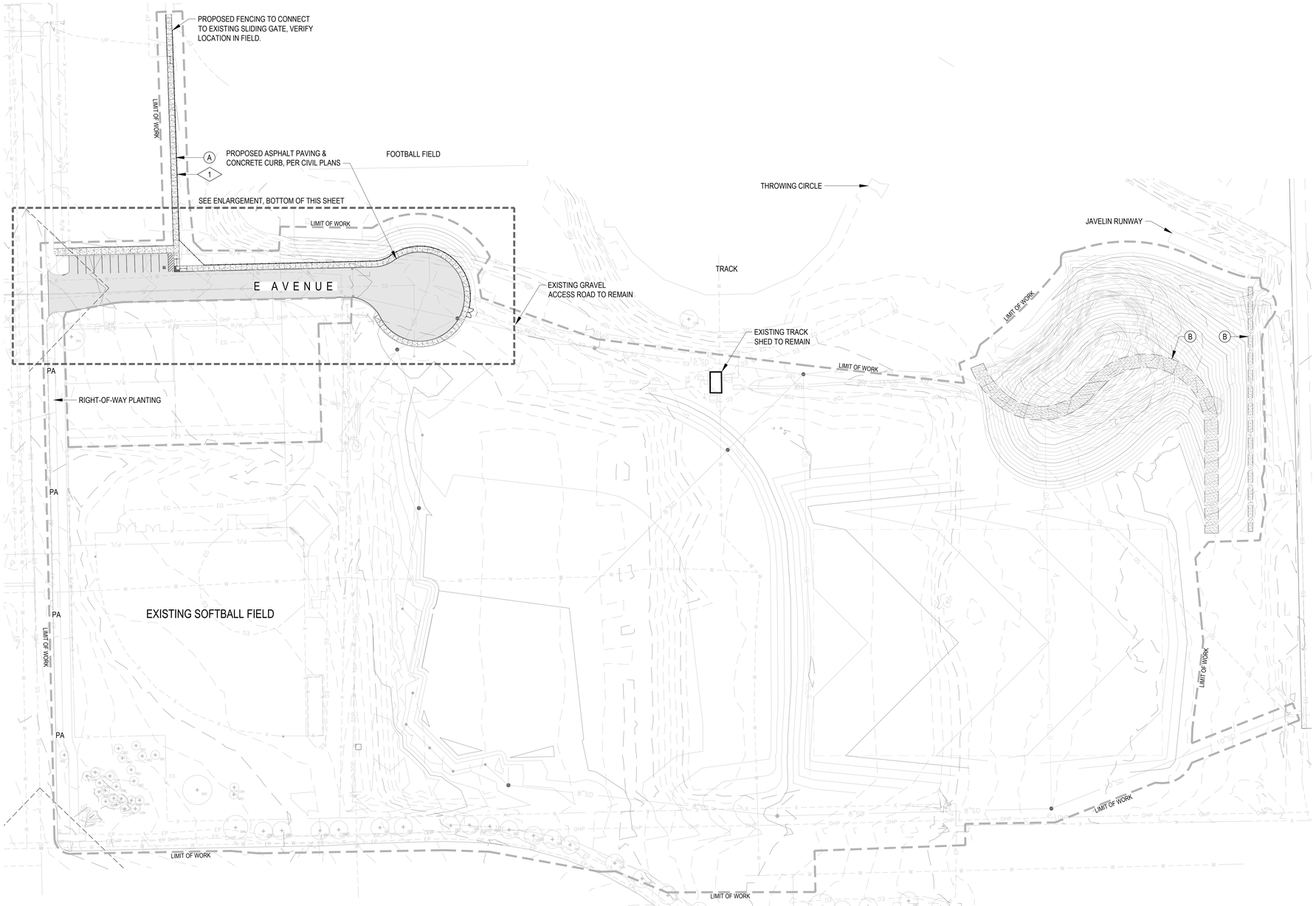
CITY STANDARD DETAILS

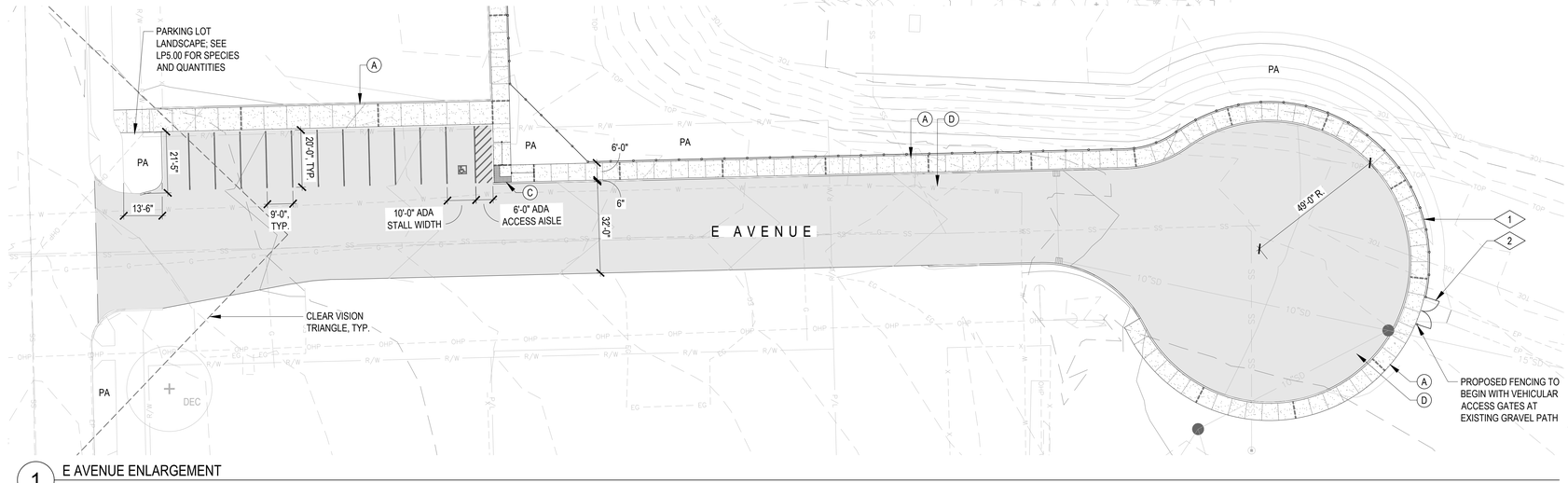
sheet number

C-501

project phase

BID SET





1 E AVENUE ENLARGEMENT

0 10' 20' 40'
SCALE: 1" = 20'-0"

PAVING LEGEND

SYMBOL	DESCRIPTION	DETAIL	SPEC. SECTION
A	PEDESTRIAN CONCRETE PAVING NATURAL GRAY COLOR FINISH: MEDIUM ETCH	PER CITY STANDARDS	-
B	CRUSHED GRAVEL COLOR: GRAY SIZE: 1/4" CLEAN	3 / LC2.01	-
C	TRUNCATED DOMES	PER CITY STANDARDS	-
D	VEHICULAR ASPHALT PAVING	PER CIVIL	-

JOINT LEGEND

SYMBOL	DESCRIPTION	DETAIL	SPEC. SECTION
	TOOLED CONTROL JOINT	PER CITY STANDARDS	32 13 13
	EXPANSION JOINT	PER CITY STANDARDS	32 13 13

CONSTRUCTION KEYTAGS

SYMBOL	DESCRIPTION	DETAIL	SPEC. SECTION
1	PERIMETER FENCING	1 / LC2.01	32 31 13
2	ENTRY GATE	2 / LC2.01	32 31 13

PLAN NOTES

ASSUMED TOTAL PROJECT COST BREAKDOWN:
BASEBALL: $2,186,218
SOFTBALL: $997,355
SITEWORK: $4,846,139
TOTAL PROJECT COST: $8,029,712 X 10% = **$802,971**

PROPOSED OFF-SITE AVENUE E IMPROVEMENTS:
ASPHALT: 16,580 SF (NOT INCLUDING EXTRA PARKING STALLS) *$6.50 = $107,770
CURB: 1,007 LF * $26.50 = $26,686
PEDESTRIAN CONCRETE PAVING 6,066 SF * $11.50 = $69,759
TOTAL: $204,215

PROPOSED WATER MAIN LOCATION $446,000

TOTAL NON-COMPLIANCE IMPROVEMENTS COST $650,215 / $8,029,712 = 8.1%

NOTE: TOTAL PROJECT COST WAS DETERMINED BY PRELIMINARY COST ESTIMATE. ACTUAL PROJECT COSTS ARE UNKOWN. DETAILED PROJECT COST CAN BE PROVIDED AFTER PLANS HAVE BEEN BID. ADDITIONAL EXHIBITS WILL BE RESUBMITTED TO THE CITY OF LA GRANDE AS NECESSARY TO SHOW CONFORMANCE.

1. OFF-SITE NON-CONFORMING IMPROVEMENTS SHALL INCLUDE THE FOLLOWING:

   A. THE PAVING OF AVENUE E INCLUDING CODE COMPLIANT CURB, ONE ADA AND (11) STANDARD PARKING STALLS, STORMWATER CONVEYANCE, AND REQUIRED PARKING LOT LANDSCAPING;

   B. EXTENDING AN ACCESSIBLE PEDESTRIAN SIDEWALK CONNECTING THE EXISTING FOOTBALL STADIUM PARKING LOT, AND PROPOSED BALLFIELD COMPLEX ENTRY;

   C. EXISTING WATER MAIN RELOCATION TO PUBLIC RIGHT OF WAY.

2. ALL NON-CONFORMING IMPROVEMENTS DESCRIBED ABOVE ARE INTENDED TO PROVIDE COMPLIANCE FOR THE ENTIRETY OF THE BALLFIELD RENOVATION SITE PROJECT, AS DETAILED IN BID PACKAGES 'A', 'B', AND 'C'.

0 25' 50' 100'
SCALE: 1" = 50'-0"

keymap

SZABO
LANDSCAPE ARCHITECTURE
1000 NW WALL ST., STE 205 | BEND, OR 97703
541.382.2059 | WWW.SZABO-LA.COM

landscape architect's seal

REGISTERED LANDSCAPE ARCHITECT
JAMES M. SZABO
OREGON
02.24.2014
EXPIRES: 02.28.2026

consultant

revision schedule

no.	date	description

project
EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date 2026.02.26

sla project number 2308.02

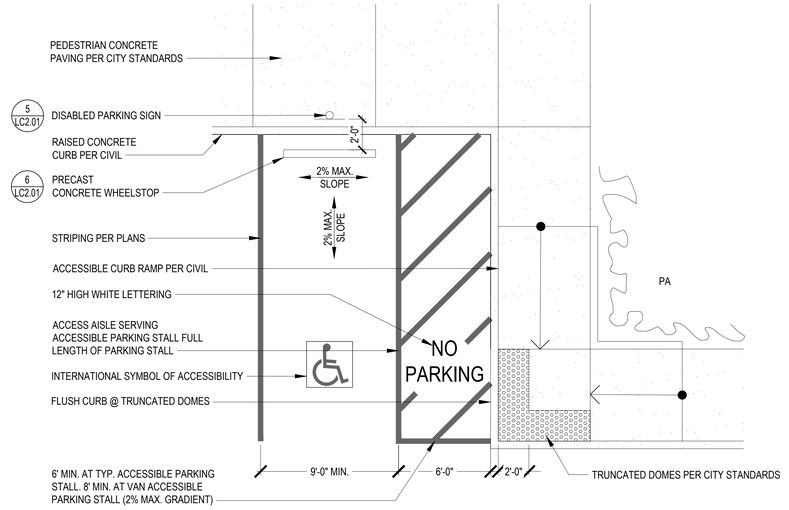
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sheet description
NON-COMFORMING IMPROVEMENTS PLAN

sheet number
LC1.00

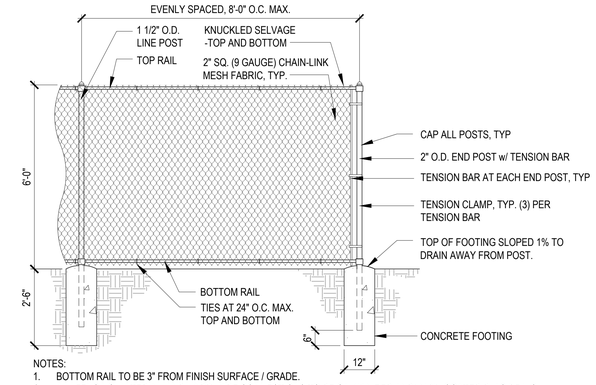
project phase
BID SET

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4 ACCESSIBLE PARKING STALL(S)

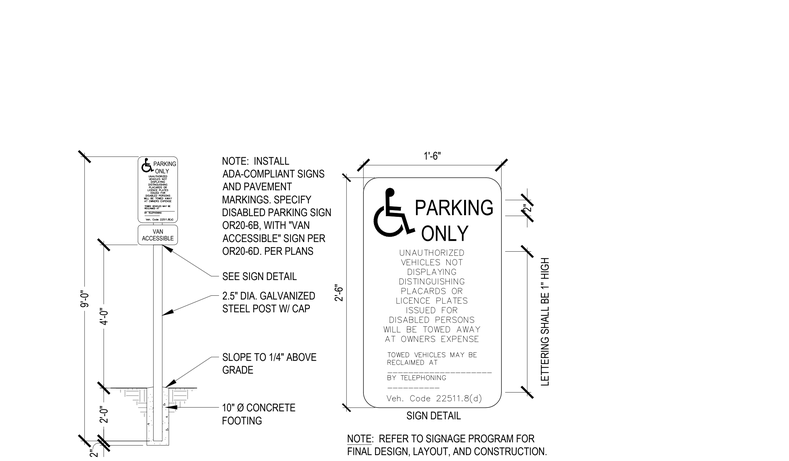
SCALE: 1/4" = 1'-0"



NOTES:
1. BOTTOM RAIL TO BE 3" FROM FINISH SURFACE / GRADE.
2. ALL FENCING MATERIAL, AND HARDWARE CONNECTIONS TO BE GALVANIZED AND VINYL-COATED BLACK FINISH.
3. SUBMIT SHOP DRAWINGS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION, INCLUDE ALL HARDWARE.
2. RE: SPECS FOR STEEL FABRICATION INFORMATION, POST, RAIL AND ATTACHMENT DETAILS AND ADDITIONAL INFO.
3. VERIFY ALL FIELD DIMENSIONS PRIOR TO SHOP DRAWINGS AND FABRICATION.
4. GRIND SMOOTH ANY WELDS AND/OR ROUGH STEEL PRIOR TO VINYL-COATING.
5. SUBMIT MATERIAL SAMPLE FOR REVIEW.
6. ALL POSTS SHALL BE ALIGNED, EVENLY SPACED, AND CENTERED IN CONC FTGS. POSTS SHALL BE PLUMB AND TRUE VERTICAL.
7. TOP OF FENCE SHALL MAINTAIN STRAIGHT, CONSISTENT LINE TO FOLLOW GRADE AND, WHEREVER POSSIBLE, A LEVEL ELEVATION.

1 6' HT. CHAINLINK PERIMETER FENCING

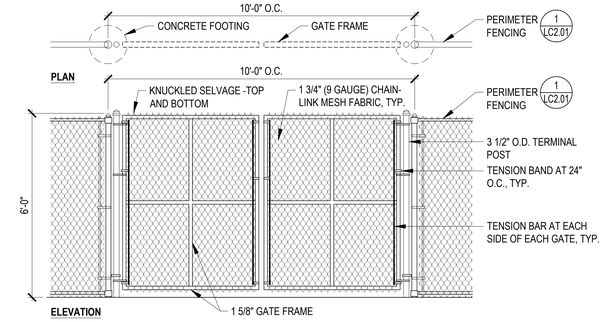
SCALE: 1/2"= 1'-0"



NOTE: REFER TO SIGNAGE PROGRAM FOR FINAL DESIGN, LAYOUT, AND CONSTRUCTION.

5 DISABLED PARKING SIGN

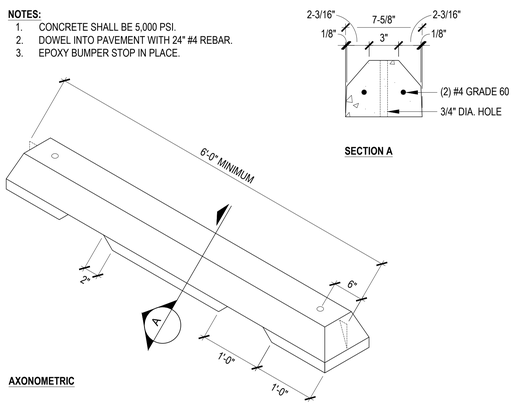
SCALE: 1 1/2"= 1'-0"



NOTES:
1. BOTTOM RAIL TO BE 2" FROM FINISH SURFACE, FENCE MESH BOTTOM EDGE TO BE 1" FROM FINISH GRADE.
2. ALL FENCING MATERIAL TO GALVANIZED AND VINYL-COATED BLACK FINISH.
3. SUBMIT SHOP DRAWINGS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION, INCLUDE ALL HARDWARE.
4. VERIFY ALL FIELD DIMENSIONS PRIOR TO SHOP DRAWINGS AND FABRICATION.
5. GRIND SMOOTH ANY WELDS AND/OR ROUGH STEEL PRIOR TO VINYL-COATING.
6. ALL POSTS SHALL BE ALIGNED, EVENLY SPACED, AND CENTERED IN CONC. FTGS. POSTS SHALL BE PLUMB AND TRUE VERTICAL.
7. TOP OF FENCE SHALL MAINTAIN STRAIGHT, CONSISTENT LINE TO FOLLOW GRADE AND, WHEREVER POSSIBLE, A LEVEL ELEVATION.

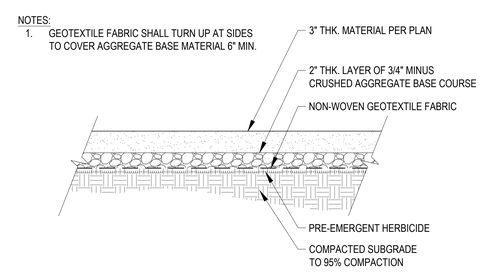
2 ENTRY GATES

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



6 PRECAST CONCRETE WHEELSTOP

SCALE: NTS



3 GRAVEL PATH

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

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landscape architect's seal

REGISTERED 924 James Szabo OREGON 02.24.2014 LANDSCAPE ARCHITECT
EXPIRES: 02.28.2026

consultant

revision schedule

no.	date	description

keymap

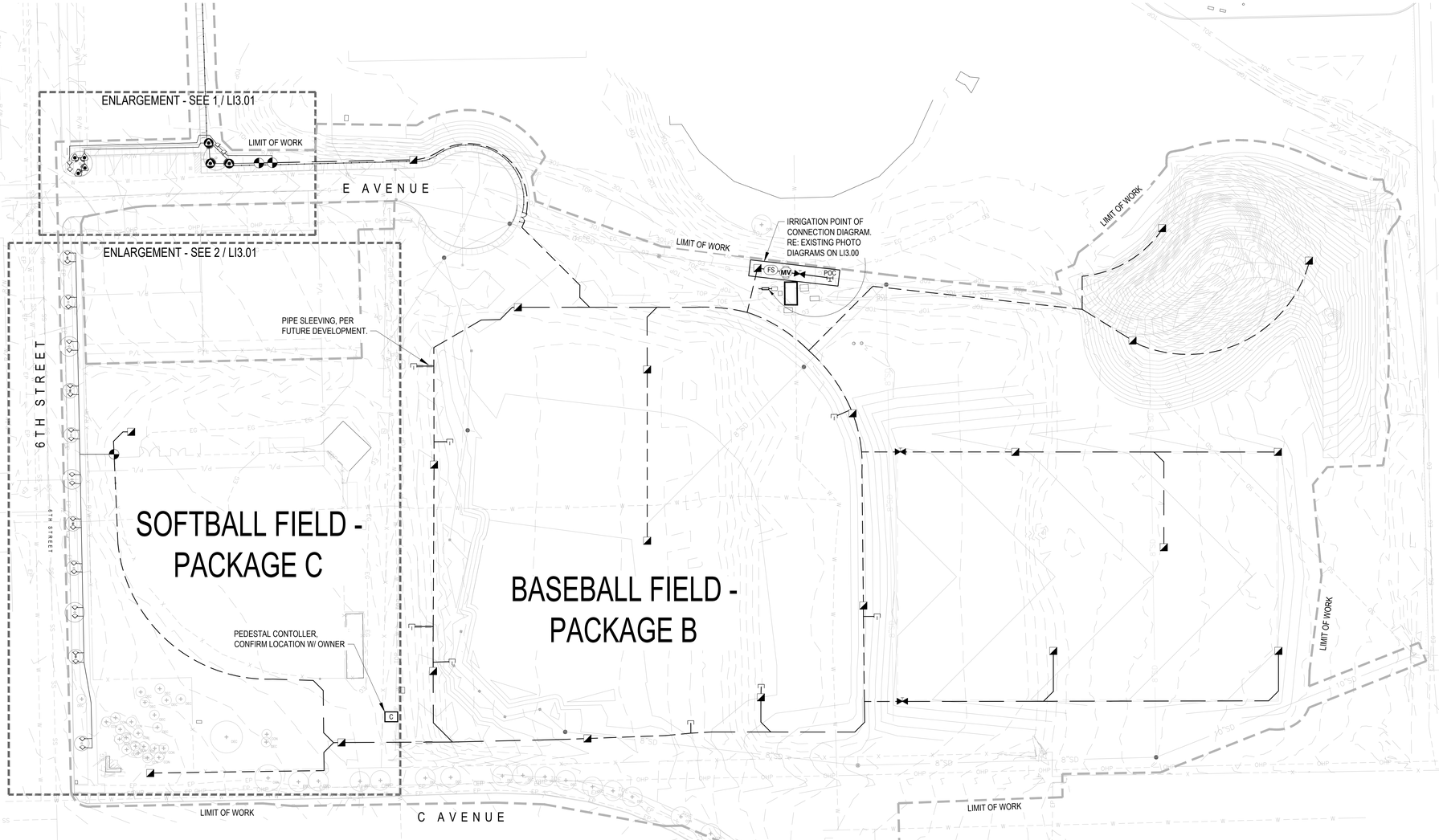
project
EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

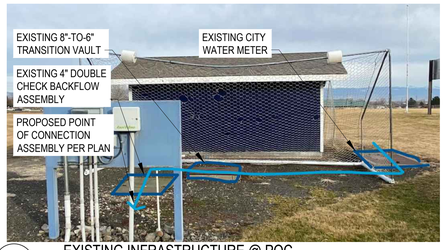
date	2026.02.26
sla project number	2308.02
agency project number	

sheet description
LANDSCAPE CONSTRUCTION DETAILS

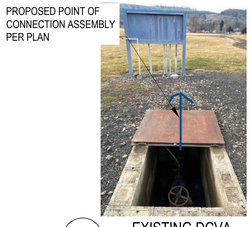
sheet number
LC2.01

project phase
BID SET





1 EXISTING INFRASTRUCTURE @ POC



2 EXISTING DCVA

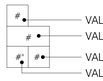
IRRIGATION NOTES

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD PEB-IVM 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL SMART VALVES W/ FACTORY INSTALLED IVM-SOL. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
	RAIN BIRD 44-RC 1IN. BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
	LASCO FITTINGS TUBV-SC PLASTIC FULL BLOCK TRUE UNION BALL VALVE. SHUT OFF/ISOLATION VALVE TO ELIMINATE WATER HAMMER. INSTALL SAME SIZE AS MAINLINE.
MV	RAIN BIRD EFB-CP 2" 1IN., 1-1/4", 1-1/2IN., 2IN. BRASS MASTER VALVE, THAT IS CONTAMINATION PROOF W/SELF-FLUSHING FILTER SCREEN. GLOBE CONFIGURATION, RECLAIMED WATER COMPATIBLE, AND PURPLE HANDLE COVER DESIGNATES NON-POTABLE WATER USE.
C	RAIN BIRD ESPLXIVM-LXMMSS-LXMMSSPED 60 STATION, 2-WIRE CONTROLLER W/ SMART VALVE TECHNOLOGY. (1) ESPLXIVM 60-STATION, INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE. INSTALLED IN LXMMSS-LXMMSSPED STAINLESS STEEL CABINET W/ PEDESTAL. USE PAIGE ELECTRIC CABLE P7072D & RAIN BIRD WC20 DRY SPLICES ONLY. GROUND SYSTEM W/ (X) LXIVMSD SURGE DEVICE IN RAIN BIRD ROUND VALVE BOXES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
FS	RAIN BIRD FS-300-P 3IN. FLOW SENSOR, PLASTIC PVC MODEL. SUGGESTED OPERATING RANGE 20.0 GPM TO 300.0 GPM.
	CAP FOR FUTURE USE CAP AT THE MAINLINE OR LATERAL LINE FOR FUTURE USE.
POC	POINT OF CONNECTION

IRRIGATION NOTES

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 SIZE AS NOTES
	IRRIGATION MAINLINE: 3" SCHEDULE 40 PRESSURIZED PVC MAINLINE
	PIPE SLEEVE: PVC SCHEDULE 40 2.5 TIMES THE DIAMETER OF THE PIPE OR BUNDLE INSIDE. PLACE UNDER HARDSCAPE OR ASPHALT AREAS, EXTEND 12" BEYOND PAVING EDGES.

VALVE CALLOUT



PROGRAM	BODY HEIGHT
1= TURF	4 = 4" POP-UP
2 = SHRUBS	6 = 6" POP UP
3 = REVEG	12 = 12" POP-UP
4 = TREES	B = BUBBLER

IRRIGATION NOTES

A. STATIC WATER PRESSURE ON SITE HAS BEEN DETERMINED TO BE 85 PSI PER INFORMATION OBTAINED FROM EOU. THIS DESIGNED SYSTEM REQUIRES A MINIMUM STATIC PRESSURE OF 50.3 PSI AND A MINIMUM FLOW OF 41 GPM AT THE POINT OF CONNECTION. NOTIFY THE LANDSCAPE ARCHITECT IF ACTUAL FIELD DATA DIFFERS FROM THIS INFORMATION.

B. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN WORKING WITHIN THE DRIPLINE OF EXISTING TREES. NO MECHANICAL TRENCHING WITHIN THE DRIPLINE OF THE EXISTING REES WILL BE ALLOWED. AIR SPADE SHALL BE UTILIZED FOR ALL TRENCHING WITHIN THE DRIPLINE OF EXISTING TREES.

C. CONTRACTOR TO INSTALL BLOWOUT VALVE IN THE SYSTEM FOR WINTERIZATION PER DETAIL 8 / LI2.01.

D. CONTRACTOR TO COORDINATE POWER TO IRRIGATION CONTROLLER WITH ELECTRICAL CONTRACTOR.

E. ALL IRRIGATION EQUIPMENT, LATERALS, MAINLINE AND SPRAY HEADS SHALL BE INSTALLED PER STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.

F. CONTRACTOR TO PROVIDE MAINLINE STUBS FOR FUTURE EXPANSION WHERE INDICATED. PLACE PIPE SLEEVING AS INDICATED ON PACKAGE A, B, AND C OVERALL IRRIGATION PLANS.

0 25' 50' 100'
SCALE: 1"=50'-0"

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REGISTERED LANDSCAPE ARCHITECT
824
James Szabo
OREGON
02.24.2014
EXPIRES: 02.28.2026

consultant

revision schedule

no.	date	description

project
EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date 2026.02.26

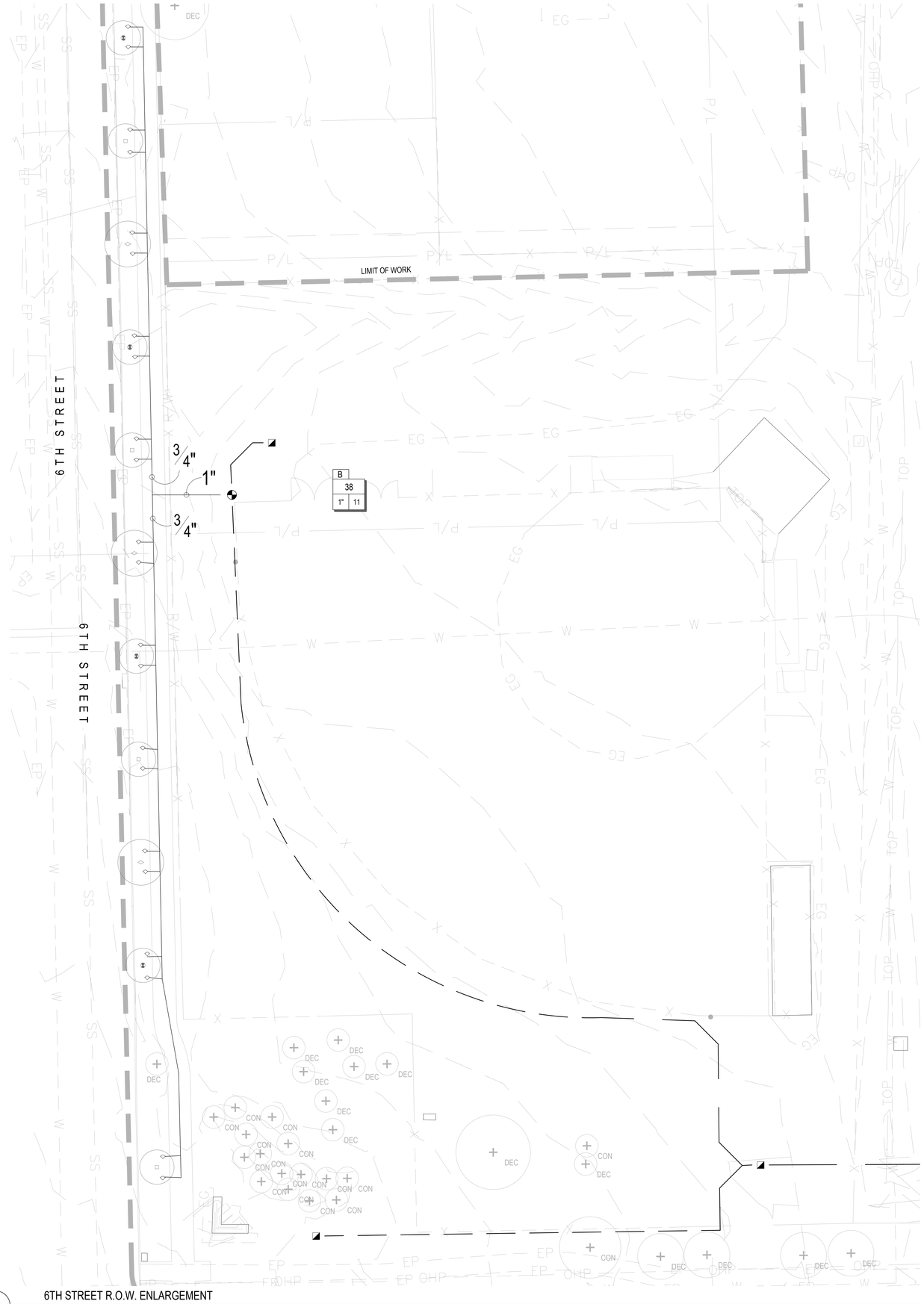
sla project number 2308.02

agency project number

sheet description
OVERALL LANDSCAPE IRRIGATION PLAN

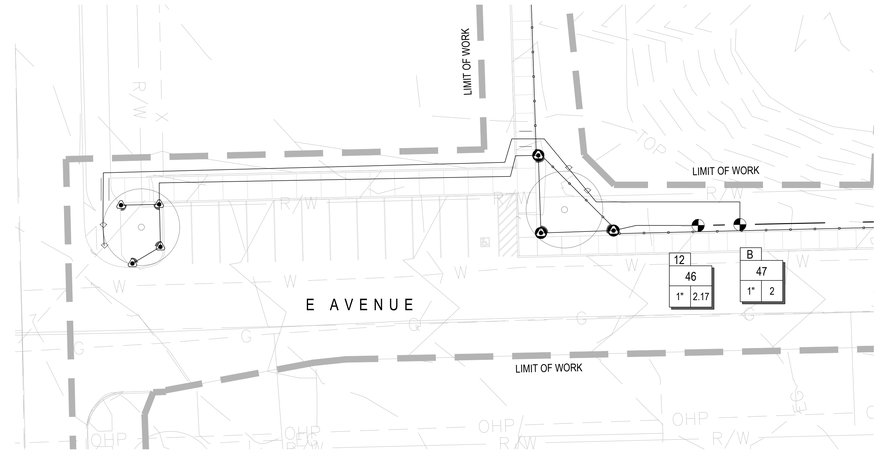
sheet number
LI3.00

project phase
BID SET



2 6TH STREET R.O.W. ENLARGEMENT

SCALE: 1"=20'-0"



1 LANDSCAPE ISLAND ENLARGEMENT

SCALE: 1"=20'-0"

IRRIGATION NOTES

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD PEB-IVM 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL SMART VALVES W/ FACTORY INSTALLED IVM-SOL. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
	RAIN BIRD 44-RC 1IN. BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
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C	RAIN BIRD ESPLXIVM-LXMMSS-LXMMSSPED 60 STATION, 2-WIRE CONTROLLER W/ SMART VALVE TECHNOLOGY. (1) ESPLXIVM 60-STATION, INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE. INSTALLED IN LXMMSS-LXMMSSPED STAINLESS STEEL CABINET W/ PEDESTAL. USE PAIGE ELECTRIC CABLE P7072D & RAIN BIRD WC20 DRY SPLICES ONLY. GROUND SYSTEM W/ (X) LXIVMSD SURGE DEVICE IN RAIN BIRD ROUND VALVE BOXES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
FS	RAIN BIRD FS-300-P 3IN. FLOW SENSOR, PLASTIC PVC MODEL. SUGGESTED OPERATING RANGE 20.0 GPM TO 300.0 GPM.
	CAP FOR FUTURE USE CAP AT THE MAINLINE OR LATERAL LINE FOR FUTURE USE.
POC	POINT OF CONNECTION
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 SIZE AS NOTES
	IRRIGATION MAINLINE: 3" SCHEDULE 40 PRESSURIZED PVC MAINLINE
	PIPE SLEEVE: PVC SCHEDULE 40 2.5 TIMES THE DIAMETER OF THE PIPE OR BUNDLE INSIDE. PLACE UNDER HARDSCAPE OR ASPHALT AREAS, EXTEND 12" BEYOND PAVING EDGES.

VALVE CALLOUT

	PROGRAM	BODY HEIGHT
VALVE BODY	1= TURF	4 = 4" POP-UP
VALVE NUMBER	2 = SHRUBS	6 = 6" POP UP
VALVE FLOW	3 = REVEG	12 = 12" POP-UP
VALVE SIZE	4 = TREES	B = BUBBLER

IRRIGATION NOTES

A. STATIC WATER PRESSURE ON SITE HAS BEEN DETERMINED TO BE 85 PSI PER INFORMATION OBTAINED FROM EOU. THIS DESIGNED SYSTEM REQUIRES A MINIMUM STATIC PRESSURE OF 50.3 PSI AND A MINIMUM FLOW OF 41 GPM AT THE POINT OF CONNECTION. NOTIFY THE LANDSCAPE ARCHITECT IF ACTUAL FIELD DATA DIFFERS FROM THIS INFORMATION.

B. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN WORKING WITHIN THE DRIPLINE OF EXISTING TREES. NO MECHANICAL TRENCHING WITHIN THE DRIPLINE OF THE EXISTING REES WILL BE ALLOWED. AIR SPADE SHALL BE UTILIZED FOR ALL TRENCHING WITHIN THE DRIPLINE OF EXISTING TREES.

C. CONTRACTOR TO INSTALL BLOWOUT VALVE IN THE SYSTEM FOR WINTERIZATION PER DETAIL 8 / LI2.01.

D. CONTRACTOR TO COORDINATE POWER TO IRRIGATION CONTROLLER WITH ELECTRICAL CONTRACTOR.

E. ALL IRRIGATION EQUIPMENT, LATERALS, MAINLINE AND SPRAY HEADS SHALL BE INSTALLED PER STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.

F. CONTRACTOR TO PROVIDE MAINLINE STUBS FOR FUTURE EXPANSION WHERE INDICATED. PLACE PIPE SLEEVING AS INDICATED ON PACKAGE A, B, AND C OVERALL IRRIGATION PLANS.

0 10' 20' 40'

SCALE: 1"=20'-0"

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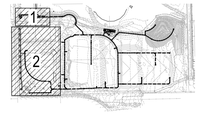
REGISTERED LANDSCAPE ARCHITECT
824
James W. Szabo
OREGON
02.24.2014
EXPIRES: 02.28.2026

consultant

revision schedule

no.	date	description

keymap



project

EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	

sheet description

RIGHT OF WAY
LANDSCAPE
IRRIGATION PLAN

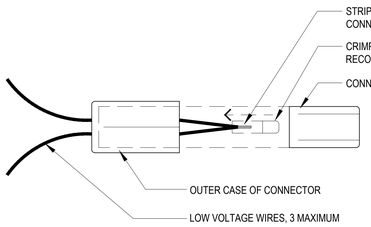
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project phase

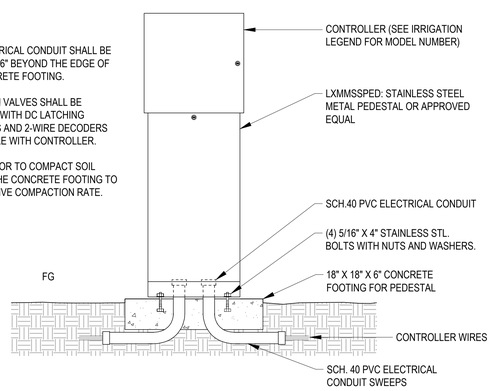
BID SET

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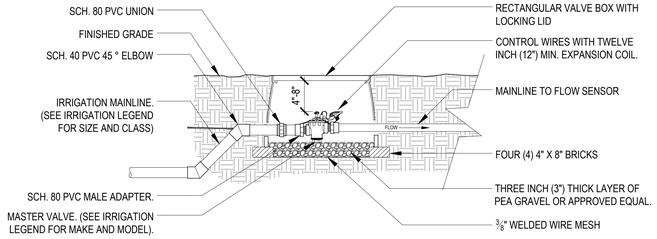
9 ELECTRICAL WIRING CONNECTOR

SCALE: N.T.S.



10 BATTERY OPERATED CONTROLLER W/ PEDESTAL

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

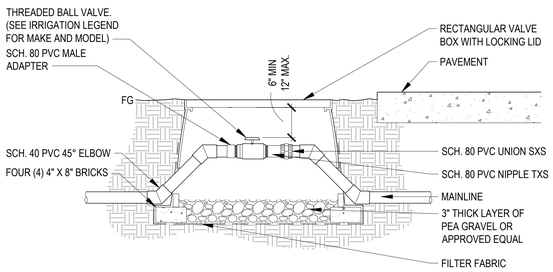


NOTES:

1. MASTER VALVE SHALL BE MAKE AND MODEL NUMBER AS PRESCRIBED PER THE CONTROLLER MANUFACTURER'S SPECIFICATIONS.
2. INSTALL MASTER VALVE PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
3. MASTER VALVE WIRE SHALL BE 14 AWG OR LARGER. COLOR: BLACK.
4. ALL WIRE RUNS SHALL BE CONTINUOUS WITHOUT ANY SPLICES. WIRE CONNECTIONS SHALL BE MADE USING DBR-Y/6 CONNECTORS OR APPROVED EQUAL.
5. WRAP VALVE BOX WITH MIN. 3 MIL. THICK PLASTIC AND SECURE IT TO THE VALVE BOX USING DUCT TAPE OR ELECTRICAL TAPE.
6. SEE MASTER VALVE/ FLOW SENSOR DETAIL FOR LINEAR DIMENSIONS.

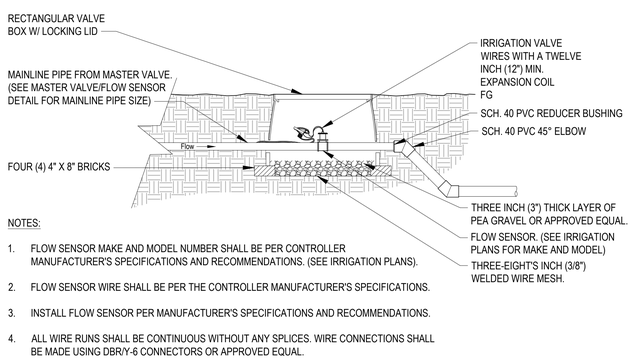
11 MASTER VALVE

SCALE: 1"= 1'-0"



5 BALL VALVE - 3" AND SMALLER

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

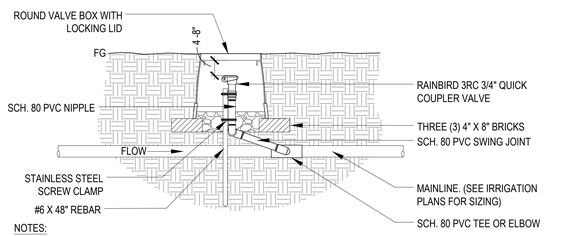


NOTES:

1. FLOW SENSOR MAKE AND MODEL NUMBER SHALL BE PER CONTROLLER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS. (SEE IRRIGATION PLANS).
2. FLOW SENSOR WIRE SHALL BE PER THE CONTROLLER MANUFACTURER'S SPECIFICATIONS.
3. INSTALL FLOW SENSOR PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
4. ALL WIRE RUNS SHALL BE CONTINUOUS WITHOUT ANY SPLICES. WIRE CONNECTIONS SHALL BE MADE USING DBR/Y-6 CONNECTORS OR APPROVED EQUAL.

6 FLOW SENSOR

SCALE: 1"= 1'-0"

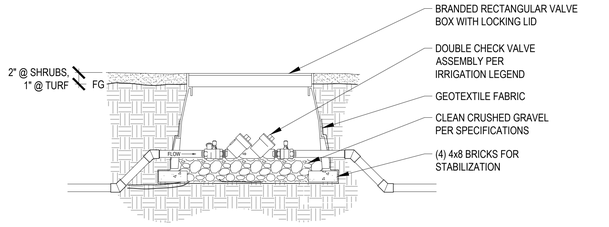


NOTES:

1. VALVE TO BE LOCATED DOWNSTREAM OF BACKFLOW, UPSTREAM OF FLOW SENSOR & MASTER VALVE.
2. VALVE BOX SHALL BE WRAPPED WITH A MINIMUM 3 MIL THICK PLASTIC AND SECURED TO THE VALVE BOX USING DUCT TAPE OR ELECTRICAL TAPE.
3. ALL QUICK COUPLERS SHALL BE INSTALLED A MINIMUM OF 18" OFF OF THE MAINLINE.
4. VALVE BOXES SHALL BE LOCATED IN PLANTING AREAS.

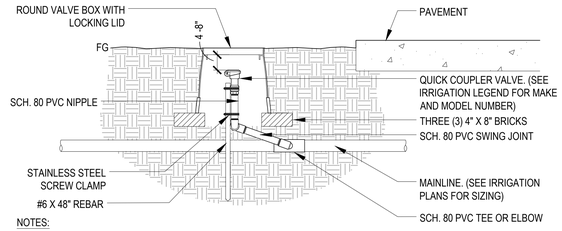
7 WINTERIZATION BLOW-OUT VALVE

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



8 DOUBLE CHECK VALVE ASSEMBLY

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

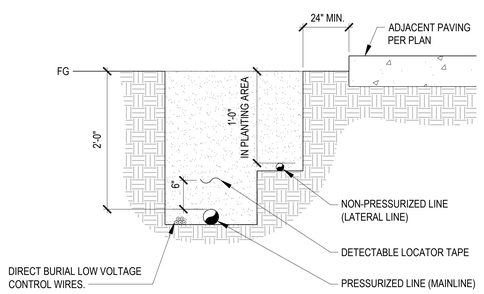


NOTES:

1. ALL THREADED CONNECTIONS SHALL BE INSTALLED USING TEFLON TAPE.
2. VALVE BOX SHALL BE WRAPPED WITH A MINIMUM 3 MIL THICK PLASTIC AND SECURED TO THE VALVE BOX USING DUCT TAPE OR ELECTRICAL TAPE.
3. ALL QUICK COUPLERS SHALL BE INSTALLED A MINIMUM OF 18" OFF OF THE MAINLINE.
4. VALVE BOXES SHALL BE LOCATED IN PLANTING AREAS.

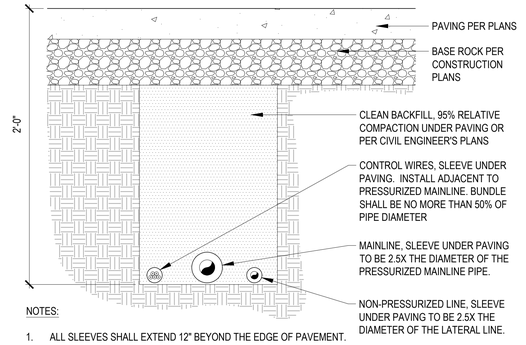
1 QUICK COUPLER VALVE

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



2 IRRIGATION TRENCHING

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

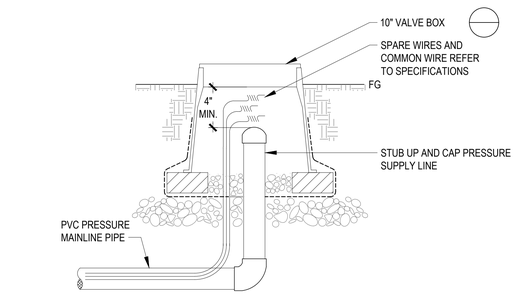


NOTES:

1. ALL SLEEVES SHALL EXTEND 12" BEYOND THE EDGE OF PAVEMENT.
2. END OF SLEEVES SHALL BE LOCATED WITH A PERMANENT PAVEMENT MARKING PIN, STANDARD BRASS SURVEY PIN IN LEAD, SET 1 INCH FROM EDGE OF PAVING OR CURB.

3 PIPE BENEATH PAVEMENT

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



4 MAINLINE STUB OUT

SCALE: NTS

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LANDSCAPE ARCHITECTURE
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landscape architect's seal

REGISTERED LANDSCAPE ARCHITECT
James M. Szabo
OREGON
02.24.2014
EXPIRES: 02.28.2026

consultant

revision schedule

no.	date	description

project

EOU BALLFIELD COMPLEX
PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	

sheet description

LANDSCAPE IRRIGATION DETAILS

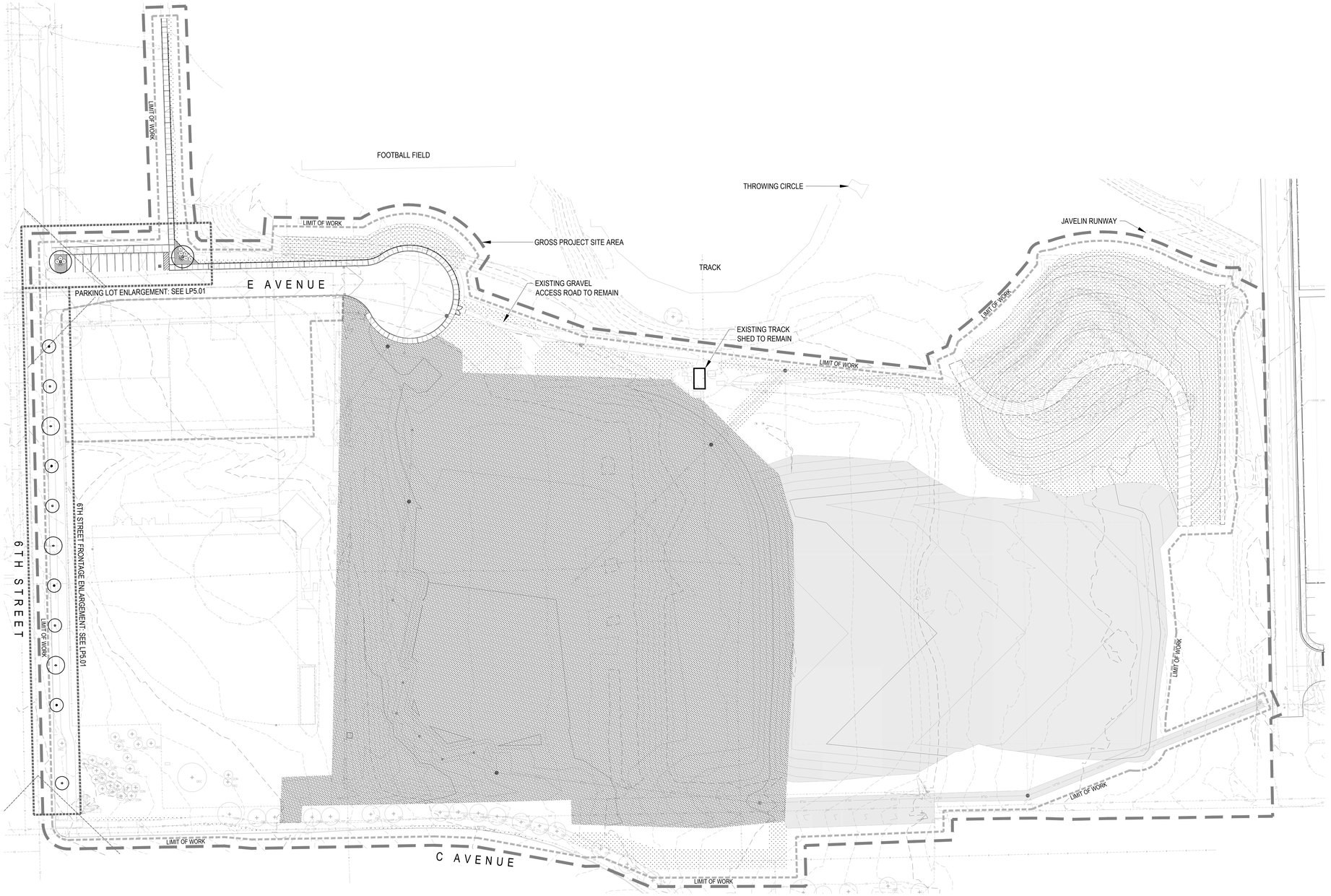
sheet number

LI4.01

project phase

BID SET

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LANDSCAPE TABULATIONS:

SITE REQUIREMENTS

- GROSS PROJECT SITE AREA: **809,697 SF**
- REQUIRED LANDSCAPE AREA: **10% (80,970 SF)**
- PROVIDED LANDSCAPE AREA: **89.7% (726,452 SF)**

PLANTING NOTES

SOIL PREPARATION:

1. CONTRACTOR SHALL OBTAIN A SOIL TEST ANALYSIS PER THE SPECIFICATION SECTION 32 91 13. SOIL TEST SHALL BE TAKEN ONCE TOPSOIL HAS BEEN PLACED AND ROUGH GRADING HAS BEEN COMPLETED. SOIL TEST ANALYSIS RESULTS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND DETERMINATION OF FINAL SOIL AMENDMENTS. REFER TO SPECIFICATIONS FOR SOIL AMENDMENTS FOR BIDDING PURPOSES.
2. MECHANICALLY RIP OR HAND TILL THE AREA IN TWO DIRECTIONS TO A MINIMUM DEPTH OF 6 INCHES. REMOVE ROCK AND HARD CLODS 3 INCHES IN DIAMETER AND LARGER, REMOVE CONSTRUCTION DEBRIS, ROOTS, STUMPS, TRASH AND OTHER DELETERIOUS MATERIALS FROM THE TOP 6 INCHES OF SOIL.
3. IN ALL PLANTING AREAS APPLY 3" OF ORGANIC COMPOST & ROTOTILL TOP 6 INCHES OF SOIL TO A LOOSE AND FRIABLE CONSISTENCY

PLANTING:

4. SEEDING SHALL OCCUR BETWEEN THE MONTHS OF APRIL AND OCTOBER. SEEDING DURING JULY AND AUGUST SHOULD BE AVOIDED IF POSSIBLE, AND WILL REQUIRE ADDITIONAL WARRANTY.
5. REFER TO SPECIFICATIONS FOR SOIL PREPARATION, PLANTING SUBMITTALS AND PROCEDURES.
6. REFER TO SPECIFICATIONS FOR MAINTENANCE AND WARRANTY REQUIREMENTS.
7. QUANTITIES ARE FOR REFERENCE AND CONVENIENCE ONLY. CONTRACTOR SHALL VERIFY QUANTITIES AND INSTALL PLANT MATERIAL PER PLANS.
8. ALL PLANTING AREAS SHALL INCLUDE LIVE PLANT COVERAGE, AT OCCUPANCY, EQUAL OR GREATER TO 50 PERCENT OF EACH LANDSCAPE AREA TO COMPLY WITH CITY OF LA GRANDE DEVELOPMENT CODE (SECTION 107-149-1).
9. PLANTING WITHIN THE CLEAR VISION AREA OR SIGHT TRIANGLE SHALL COMPLY WITH CITY OF LA GRANDE DEVELOPMENT CODE (SECTON 107-147-C).

PLANT MATERIAL LEGEND

TREES ALL TREES ARE STANDARD FORM UNLESS NOTED.
REFER TO DETAILS ON SHEET LP6.01 FOR TREE PLANTING AND STAKING.

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
+	-	AS SHOWN	EXISTING TREE TO REMAIN	
□	4	2.5" CAL	CARPINUS CAROLINIANA 'RISING FIRE'	RISING FIRE AMERICAN HORNBEAM
◊	3	2.5" CAL	OSTRYA VIRGINIANA 'AUTUMN TREASURE'	AUTUMN TREASURE HOPHORNBEAM
❁	4	2.5" CAL	QUERCUS X BIMUNDORUM 'CRIMSCHMIDT'	CRIMSON SPIRE OAK
○	2	2.5" CAL	TILIA AMERICANA 'REDMOND'	REDMOND LINDEN

SHRUBS & PERENNIALS REFER TO SHEET LP6.01 GROUNDCOVER PLANTING DETAILS

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⊙	12	1 GAL	AGASTACHE 'BLUE FORTUNE'	BLUE FORTUNE HYSSOP
✎	8	15 GAL	VIBURNUM TRILOBUM 'COMPACTUM'	DWARF CRANBERRY BUSH

GROUNDCOVER REFER TO SHEET LP6.01 GROUNDCOVER PLANTING DETAILS

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING
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	254,600 SF	IRRIGATED PRAIRIE NATIVE SEED MIX AVAIL. FROM SUNMARK SEEDS INTL, INC. PH: (503) 241-7333, APPLICATION: HYDROSEED W/ TACKIFIER			
	92,605 SF	NON-IRRIGATED NATIVE EROSION CONTROL SEED MIX, AVAIL. FROM SUNMARK SEEDS INTL, INC. PH: (503) 241-7333, APPLICATION: HYDROSEED W/TACKIFIER. RE: DETAIL			
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0 25' 50' 100'
SCALE: 1"=50'-0"

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keymap

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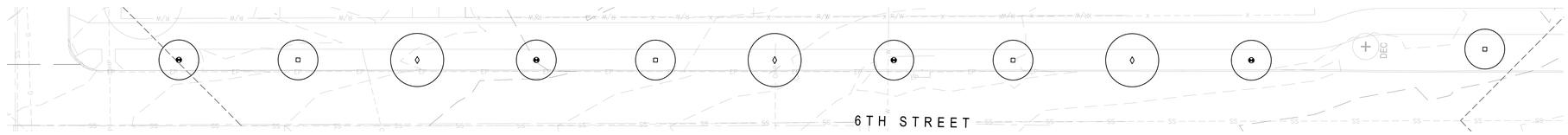
sla project number 2308.02

agency project number

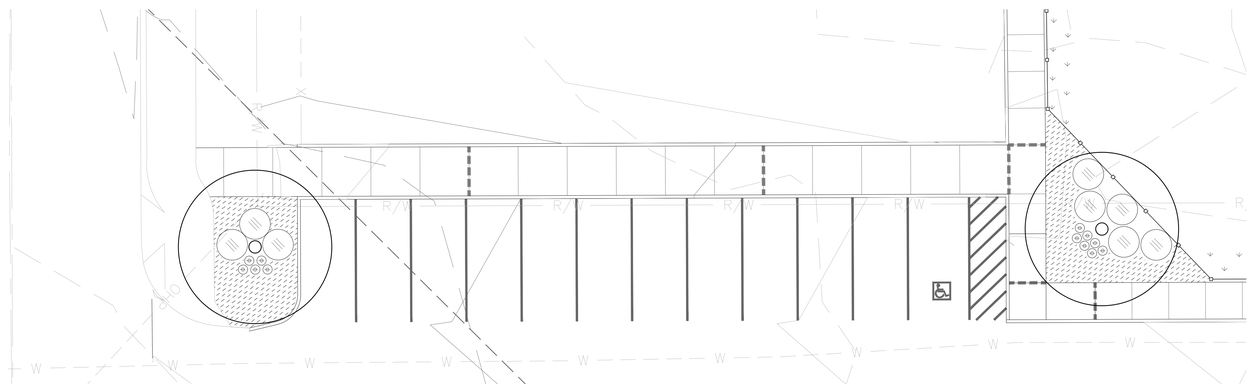
sheet description
OVERALL LANDSCAPE
PLANTING PLAN

sheet number
LP5.00

project phase
BID SET



1 6TH STREET FRONTAGE ENLARGEMENT
SCALE: 1" = 20'-0"



2 PARKING LOT ENLARGEMENT
SCALE: 1" = 10'-0"

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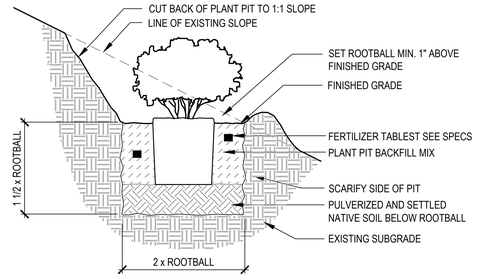
sla project number 2308.02

agency project number

sheet description
LANDSCAPE PLANTING PLAN

sheet number
LP5.01

project phase
BID SET



6 SHRUB PLANTING - SLOPES

SCALE: 1" = 1'-0"

SUNMARK SEEDS INTERNATIONAL, INC.
PO Box 1210
Fairview OR 97024
503-241-7333
888-214-7333

Sunmark Native EC Mix

Acres: 1
Quantity: 43.63 lbs.

Botanical Name	Common Name	% by Weight	Seeds per lb. of Mix	Seeds per lb.	Actual % by Seed Size	Lbs. Needed	Requested %
Hordeum brachyantherum	Meadow Barley	40.00%	34000	85,000	10.51%	17.45	10%
Bromus carinatus	California Brome	35.00%	38500	110,000	11.90%	15.27	10%
Festuca rubra rubra	Native Red Fescue	20.00%	100000	500,000	30.91%	8.73	30%
Deschampsia cespitosa	Tufted Hairgrass	3.00%	75000	2,500,000	23.18%	1.31	25%
Agrostis exerata	Spike Bentgrass	2.00%	76000	3,800,000	23.49%	0.87	25%
	TOTALS:	**100.00%**	**323500**		**100.00%**	**43.63**	**100%**

Seeding Rate
1 PLS lbs. per 1000 sq. ft.
43.63 PLS lbs. per acre

Sale Price Per Pound $ 17.15
Total Sale Price $ 748.12

NOTE:
1. CONTRACTOR SHALL CONFIRM APPROPRIATE SEEDING RATE FOR VARIOUS APPLICATION METHODS WITH SEED MIX MANUFACTURER.

Native EC is a native erosion control grass mix that is quick to establish, low-growing and has superior root masses for reduced erosion of soils. This mix should be used with the addition of EcoLive™ organics with mychorrhize. It will stay under 24 inches in height and has excellent drought tolerance. Will work on wet and dry sites, has some shade tolerance.

7 NATIVE EROSION CONTROL SEED MIX

SUNMARK SEEDS INTERNATIONAL, INC.
PO Box 1210
Fairview OR 97024
503-241-7333
888-214-7333

Sunmark Prairie Mix

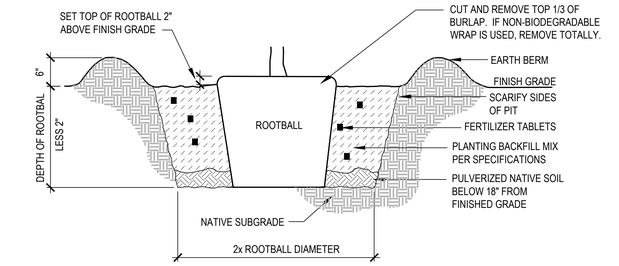
Acres: 1
Quantity: 65.30 lbs.

Botanical Name	Common Name	% by weight	Seeds per lb. of Mix	Seeds per lb.	Actual % by seed size	Lbs. Needed	Requested %
Agrpyron spicatum var Anatone	Anatone Bluebunch Wheatgrass	35.00%	49000	140,000	20.87%	22.86	40%
Elymus trachycaulus	Slender Wheatgrass	30.00%	47700	159,000	20.32%	19.59	30%
Festuca Idahoensis	Idaho Fescue	20.00%	90000	450,000	38.33%	13.06	20%
Achnatherum hymenoides	Indian Ricegrass	10.00%	14100	141,000	6.01%	6.53	30%
Festuca ovina	Sheep Fescue	5.00%	34000	680,000	14.48%	3.27	20%
	TOTALS:	**100.00%**	**234800**		**100%**	**65.30**	**100%**

Seeding Rate
1.50 PLS lbs per 1000 sq. ft.
65.30 PLS lbs per acre

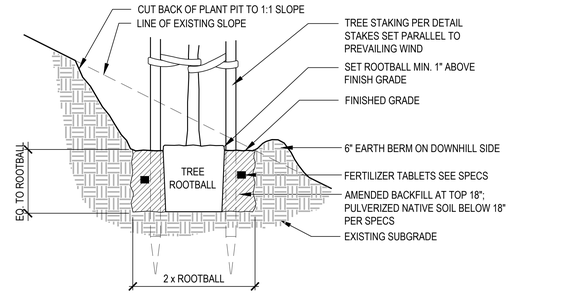
Prairie has been designed as a native upland habitat builder, combining winter hardy drought resistant prairie grasses that establish easily and provide excellent

8 PRAIRIE NATIVE SEED MIX



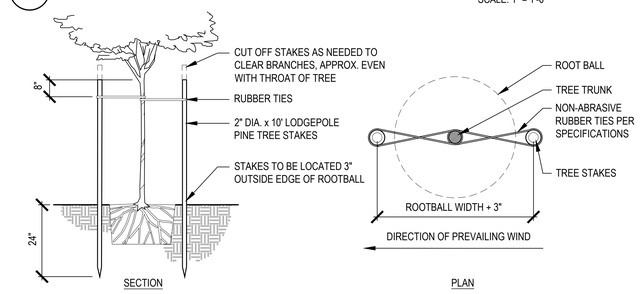
1 TREE PLANTING

SCALE: N.T.S.



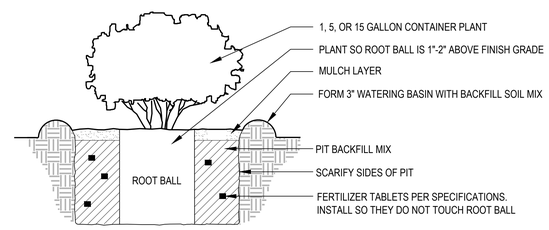
2 TREE PLANTING - SLOPES

SCALE: 1" = 1'-0"



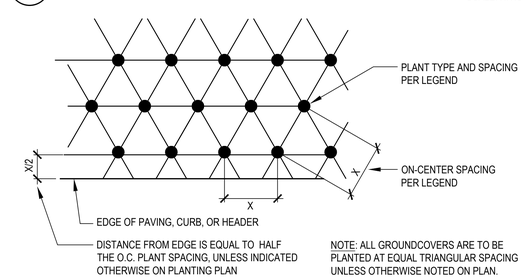
3 TREE STAKING - DOUBLE

SCALE: N.T.S.



4 CONTAINER SHRUB AND GRASS PLANTING

SCALE: N.T.S.



NOTE: ALL GROUNDCOVERS ARE TO BE PLANTED AT EQUAL TRIANGULAR SPACING UNLESS OTHERWISE NOTED ON PLAN.

5 GROUNDCOVER PLANTING

SCALE: N.T.S.

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ELECTRICAL SYMBOL LEGEND

ABBREVIATIONS

AFF, A.F.F.	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
APPROX.	APPROXIMATE
ARCH.	ARCHITECT/ARCHITECTURAL
BLDG.	BUILDING
C	CONDUIT
CD	CANDELA
CKT	CIRCUIT
C.L.	COLUMN LINE
CTRLR	CONTROLLER
(E)	EXISTING
ELEC	ELECTRICAL
BP	BID PACKAGE
EOR	ENGINEER OF RECORD
ESR'S	ELECTRICAL SERVICE REQUIREMENTS
FAM/FACP	FIRE ALARM MASTER/FIRE ALARM CONTROL PANEL
FT.	FEET
(A)	FUTURE
GFI/B	GROUND FAULT INTERRUPTER/BREAKER
GND, G	GROUND
HVAC	HEATING, VENTILATION & AIR CONDITIONING
IDF	INTERMEDIATE DISTRIBUTION FRAME
IRR	IRRIGATION
LV	LOW VOLTAGE
MDF	MAIN DISTRIBUTION FRAME
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MPB	MAIN PANEL BOARD
MPC	MINI POWER CENTER
N.L.	NIGHT LIGHT
PNL	PANEL
PROVIDE	FURNISH AND INSTALL
RR	RESTROOM
SD	SUB - DISTRIBUTION
SLA	SZABO LANDSCAPE ARCHITECTURE
TTB	TELEPHONE TERMINAL BOARD
TVSS / SPD	TRANSIENT VOLTAGE SURGE SUPPRESSION/SURGE PROTECTION DEVICE
TYP	TYPICAL
WP	WEATHER PROOF
"	INCH/INCHES
'	FOOT/FEET

GENERAL

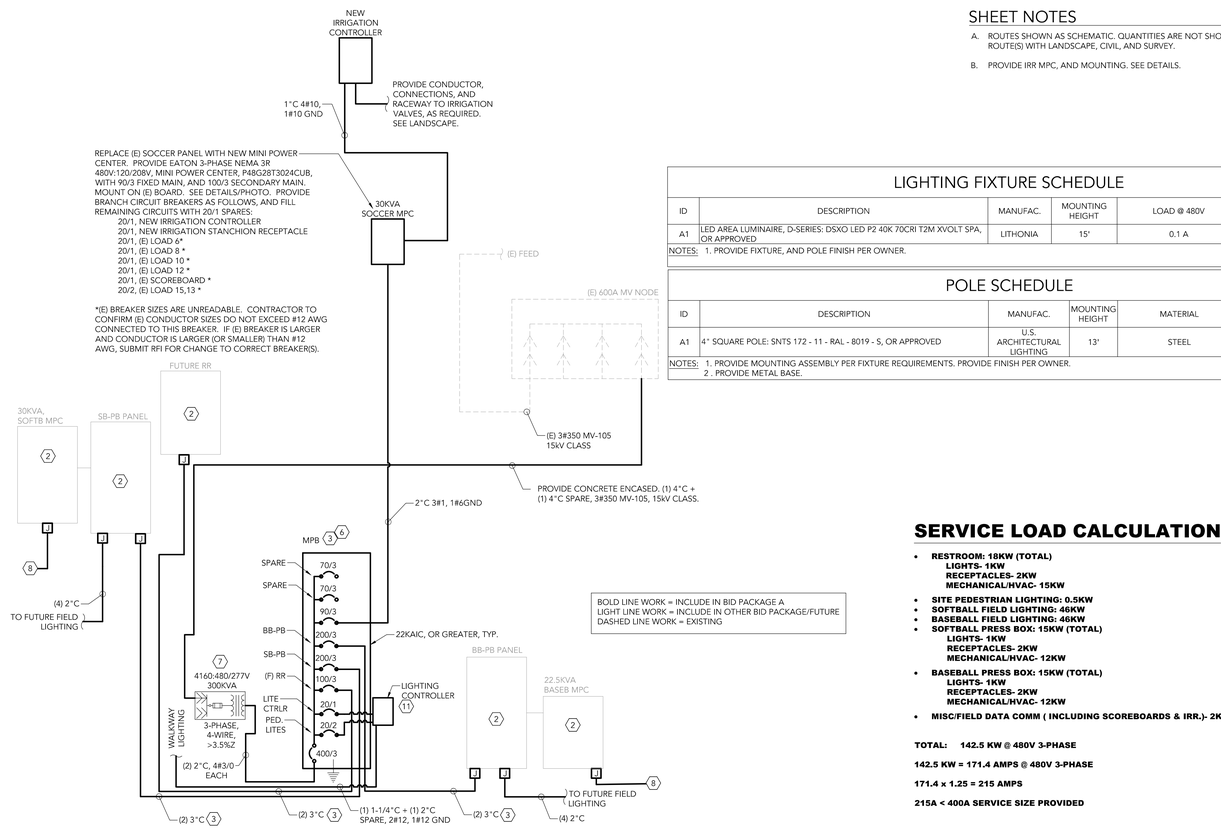
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- (#) (@) ADDITIONAL/DETAIL NOTE
- (#) REVISION TAG
- (EF 1) EQUIPMENT TAG (EXHAUST FAN 1 SHOWN)
- (# X#.##) CALLOUT (SHEET E0.00, DETAIL #1)
- (#) KITCHEN EQUIPMENT TAG
- CONTINUATION
- NORTH ARROW
- ELECTRICAL EQUIPMENT AS IDENTIFIED ON DRAWINGS.
- UNDERGROUND/ UNDERFLOOR RACEWAY
- HOMERUN WITH 2 #12 CONDUCTORS (GROUND NOT SHOWN)
- #10 HOMERUN WITH 2 #10 CONDUCTORS (GROUND NOT SHOWN)
- #10 HOMERUN WITH 3 #10 CONDUCTORS (GROUND NOT SHOWN)
- CONCEALED RACEWAY AND CONDUCTORS. NUMBER OF SLASHES INDICATES NUMBER OF CONDUCTORS. PROVIDE GROUND CONDUCTOR NOT SHOWN. ZERO SLASHES = 2 CONDUCTORS WITH 3RD GROUND CONDUCTOR. PROVIDE #12 CONDUCTORS UNLESS OTHERWISE SHOWN.
- C LOW VOLTAGE CABLE/ HOMERUN C = CONTROL
- FLEX CONNECTION

POWER

- POWER PANEL - SURFACE
- DUPLEX RECEPTACLE
- GFI WR GROUND FAULT, WEATHERPROOF TYPE
- SPLIT WIRED WITH 1/2 SWITCHED, +44 A.F.F UNO
- DOUBLE DUPLEX RECEPTACLE
- SPECIALTY RECEPTACLE, NEMA SIZE AS NOTED.
- FB DB FLOOR BOX, FLOOR BOX WITH DATA
- J JUNCTION BOX
- M MOTOR
- F DISCONNECT (F=FUSED, "BLANK"=SWITCH ONLY)
- SPECIFIC RECEPTACLE, SEE PNL SCHED. AND MECH FOR CONFIGURATION. MATCH CONFIGURATION PER EQUIPMENT INSTALLED
- VFD VARIABLE FREQUENCY DRIVE
- SPD SURGE PROTECTIVE DEVICE
- R RELAY
- BREAKER
- GFI GFI BREAKER
- SWITCH
- TRANSFORMER
- M METER
- GROUND
- FUSE

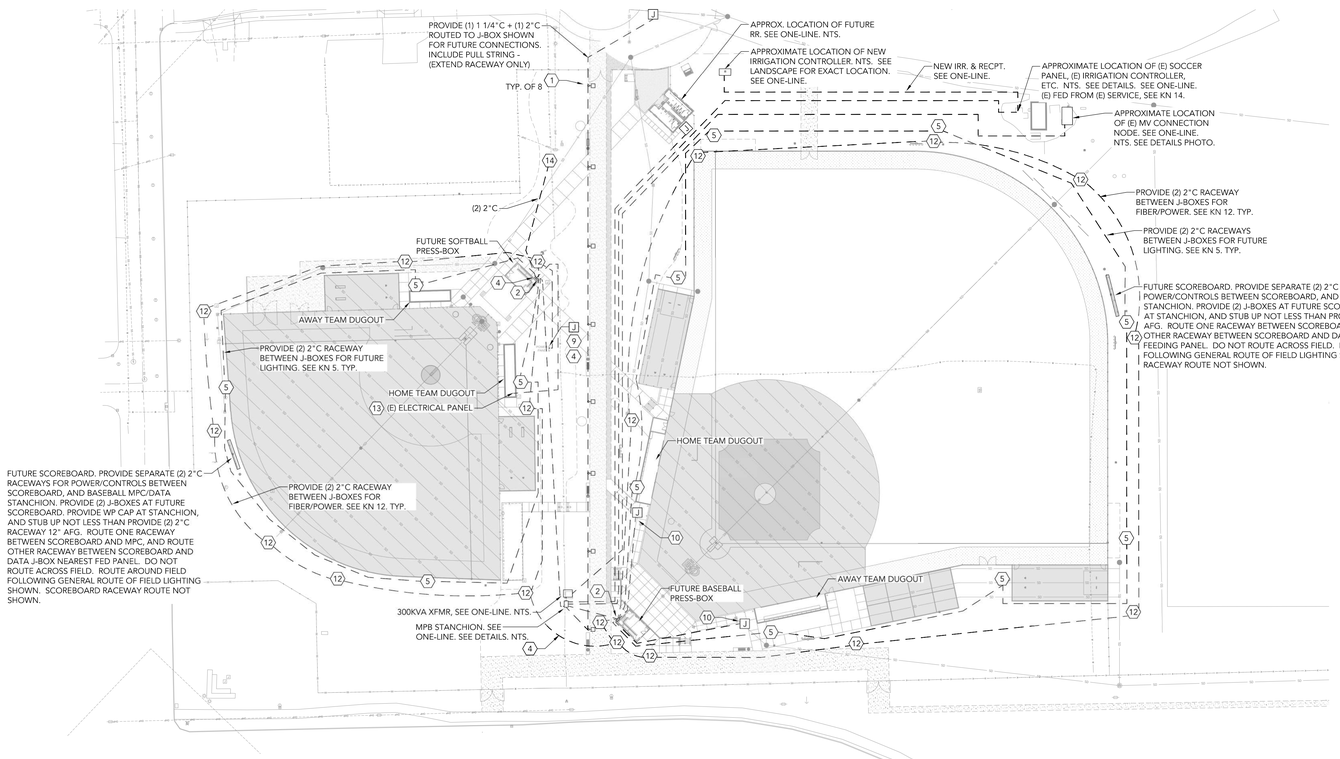
LIGHTING

- $ SWITCH
- $ $3 SWITCH, 3 = LIGHTS CONTROLLED, 3 = THREE-WAY.
- $OC OCCUPANCY SENSING WALL SWITCH
- $ LOW VOLTAGE WALL SWITCH
- $ DIMMABLE WALL SWITCH
- $K KEYED SWITCH
- 2x2/2x4/LINEAR RECESSED LIGHT FIXTURE.
- 2x2/2x4/LINEAR SURFACE FIXTURE
- STRIP/WRAP FIXTURE
- PENDANT, SURFACE MOUNT FIXTURE
- RECESSED DOWN LIGHT FIXTURE.
- LINEAR FIXTURE IN 4', 8', AND 12' LENGTHS. WALL SCONCE
- WALL MOUNT LIGHT
- EXIT SIGN WITH DIRECTIONAL ARROWS.
- POLE MOUNTED LIGHTING
- A1/A1E, *A1/A1E LIGHTING FIXTURE NOTATION: A1 = FIXTURE TYPE "A1". E = EMERGENCY POWER.
- O.C CEILING MOUNTED OCCUPANCY SENSOR
- P PHOTOCELL



1 E0.00 ONE-LINE

SCALE: NTS



3 E0.00 ELECTRICAL SITE PLAN

SCALE: 0 50' 100'

SHEET NOTES

A. ROUTES SHOWN AS SCHEMATIC. QUANTITIES ARE NOT SHOWN. COORDINATE EXACT ROUTE(S) WITH LANDSCAPE, CIVIL, AND SURVEY.

B. PROVIDE IRR MPC, AND MOUNTING. SEE DETAILS.

LIGHTING FIXTURE SCHEDULE

ID	DESCRIPTION	MANUFAC.	MOUNTING HEIGHT	LOAD @ 480V	NOTES
A1	LED AREA LUMINAIRE, D-SERIES: DSXO LED P2 40K 70CRI T2M XVOLT SPA, OR APPROVED	LITHONIA	15'	0.1 A	1

NOTES: 1. PROVIDE FIXTURE, AND POLE FINISH PER OWNER.

POLE SCHEDULE

ID	DESCRIPTION	MANUFAC.	MOUNTING HEIGHT	MATERIAL	NOTES
A1	4" SQUARE POLE: SNTS 172 - 11 - RAL - 8019 - S, OR APPROVED	U.S. ARCHITECTURAL LIGHTING	13'	STEEL	1, 2

NOTES: 1. PROVIDE MOUNTING ASSEMBLY PER FIXTURE REQUIREMENTS. PROVIDE FINISH PER OWNER.
2 . PROVIDE METAL BASE.

SERVICE LOAD CALCULATION

- **RESTROOM: 18KW (TOTAL)**
  LIGHTS- 1KW
  RECEPTACLES- 2KW
  MECHANICAL/HVAC- 15KW
- **SITE PEDESTRIAN LIGHTING: 0.5KW**
- **SOFTBALL FIELD LIGHTING: 46KW**
- **BASEBALL FIELD LIGHTING: 46KW**
- **SOFTBALL PRESS BOX: 15KW (TOTAL)**
  LIGHTS- 1KW
  RECEPTACLES- 2KW
  MECHANICAL/HVAC- 12KW
- **BASEBALL PRESS BOX: 15KW (TOTAL)**
  LIGHTS- 1KW
  RECEPTACLES- 2KW
  MECHANICAL/HVAC- 12KW
- **MISC/FIELD DATA COMM (INCLUDING SCOREBOARDS & IRR.)- 2KW**

TOTAL: 142.5 KW @ 480V 3-PHASE

142.5 KW = 171.4 AMPS @ 480V 3-PHASE

171.4 x 1.25 = 215 AMPS

215A < 400A SERVICE SIZE PROVIDED

GENERAL NOTES

A. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

B. DRAWINGS ARE DEVELOPED AS DIGITAL DOCUMENTS. IF CONTRACTOR ELECTS TO PRINT, CONTRACTOR SHALL NOT VIOLATE COPYRIGHT AND DRAWING OWNERSHIP. UTILIZE PROPER SCALE. TEXT SIZE READABILITY IS THE RESPONSIBILITY OF THE CONTRACTOR. IF TEXT IS UNREADABLE ON PRINTED VERSION, CONTACT THE EOR. DRAWINGS ARE INTENDED TO BE READ WITH DIGITAL ZOOM FUNCTION.

C. HARD-COPY SIGNED AND STAMPED FINAL DOCUMENTS SHALL BE PRINTED AT THE INTENDED SCALE, AND SHALL BE PRINTED SUCH THAT ENGINEER'S SEAL IS LEGIBLE, AND NOT LESS THAN 2-INCHES BY 2-INCHES POINT-TO-POINT PER OAR 820-025-0005. SCALE OF ENGINEER'S SEAL MAY BE DIFFERENT THAN INTENDED DRAWING SCALE. DO NOT RELY UPON ENGINEER'S SEAL SIZE AS ANY INDICATION OF CORRECT DRAWING SCALE, AND/OR PAPER SIZE. DRAWINGS ARE INTENDED AS DIGITAL DOCUMENTS SUCH THAT SEAL SIZE IS ZOOMABLE TO MEET OAR 820-025-0005.

D. DRAWING DETAIL CALL-OUTS MAY BE PARTIAL. EVERY DETAIL IS APPLICABLE TO THE PROJECT AS A WHOLE WHERE SUCH DETAILED CONDITION EXISTS.

E. THIS DOCUMENT IS DIGITALLY SIGNED. IF PRINTED, OR "VALID SIGNATURE" BANNER IS NOT DISPLAYED BY THE PDF SOFTWARE, THE PRINTED/DIGITAL COPY IS NO LONGER SIGNED. UNSIGNED DOCUMENTS ARE PRELIMINARY, AND NOT FOR CONSTRUCTION.

F. FUTURE MAY INDICATE OTHER BID PACKAGES, AND/OR USE. FUTURE SHALL NOT BE INTERPRETED AS NOT IN CONTRACT.

G. THIS BID PACKAGE A GENERALLY INCLUDES (PROVIDE) AND IS NOT LIMITED TO UNDERGROUND WORK FOR ELECTRICAL. PRIMARILY RACEWAY, WITH THE FOLLOWING:
CONCRETE ENCASED RACEWAYS, AND CONDUCTORS/TERMINATIONS FOR MEDIUM VOLTAGE EXTENSION FEEDER
RACEWAYS FOR BID PACKAGE B EQUIPMENT, RACEWAYS FOR BID PACKAGE C EQUIPMENT
RACEWAYS FOR FUTURE BID PACKAGES INCLUDING RESTROOM BUILDING
RACEWAYS FOR FUTURE FIELDS LIGHTING (POLE MOUNTED, LARGE SCALE SPORT FIELD LIGHTING SYSTEMS)
RACEWAYS FOR DATA COMMUNICATION CONNECTIONS
RACEWAY, AND CONDUCTORS FOR 480V POWER DISTRIBUTION SERVING PEDESTRIAN SCALE LIGHTING, ETC.
IRRIGATION POWER
OIL FILLED PAD MOUNT TRANSFORMER, PAD, MOUNTING, CONNECTIONS, ETC.
RACEWAYS, AND CONDUCTORS/TERMINATIONS FOR PEDESTRIAN SCALE LIGHTING
PEDESTRIAN SCALE LIGHTING, CONTROLS, POLES, MOUNTING BASES, ETC.
SPARE RACEWAYS
GROUNDING PROVISIONS
ADDITIONAL AS SHOWN/SPECIFIED/REQUIRED.

BID PACKAGE B GENERALLY INCLUDES THE FOLLOWING:
CONDUCTORS FOR POWER DISTRIBUTION TO BASEBALL FIELD
POWER DISTRIBUTION EQUIPMENT (PANELS, MINI-POWER CENTERS, ETC.)
BASEBALL DUGOUT LIGHTING
BASEBALL DUGOUT RECEPTACLES
POWER DISTRIBUTION MOUNTING SYSTEM (STANCHIONS, ETC.)
A/V -V/D DISTRIBUTION BOXES & MOUNTING
FIBER CONNECTION TO EXISTING/EXTENSIONS
CAT 6 CONNECTIONS
FIBER TO COPPER MEDIA CONVERTER
GROUNDING PROVISIONS
ADDITIONAL AS SHOWN/SPECIFIED/REQUIRED.

BID PACKAGE C GENERALLY INCLUDES THE FOLLOWING:
CONDUCTORS FOR POWER DISTRIBUTION TO SOFTBALL FIELD
POWER DISTRIBUTION EQUIPMENT (PANELS, MINI-POWER CENTERS, ETC.)
SOFTBALL DUGOUT LIGHTING
SOFTBALL DUGOUT RECEPTACLES
POWER DISTRIBUTION MOUNTING SYSTEM (STANCHIONS, ETC.)
DATA A/V-V/D DISTRIBUTION BOXES AND MOUNTING
FIBER CONNECTIONS TO EXISTING/EXTENSIONS
CAT 6 CONNECTIONS
FIBER TO COPPER MEDIA CONVERTER
GROUNDING PROVISIONS
ADDITIONAL AS SHOWN/SPECIFIED/REQUIRED.

H. SITE J-BOXES SHALL BE FLUSH WITH GRADE. SEE SPECIFICATIONS. PROVIDE OPEN BOTTOM TYPE (DRAIN TO EARTH) WITH 2" GRAVEL BASE, AND 1/4" STAINLESS STEEL RODENT BARRIER. EXTEND AND WRAP UPWARDS RODENT BARRIER AROUND BASE OF OUTSIDE BOX SECURED WITH GRAVEL, FLAT PRESSED AGAINST EARTH/GRAVEL FOR FRICTION HOLD. TWP 10 MESH T316, OR APPROVED.

I. DO NOT ROUTE RACEWAY THROUGH/UNDER BASEBALL AND/OR SOFTBALL FIELDS. NO RACEWAY IS SHOWN, OR INTENDED TO BE ROUTED UNDER/THROUGH/ACROSS FIELDS. MAINTAIN FIELD INTEGRITY. EXISTING SOFTBALL FIELD REMAINS IN-PLACE DURING WORK. PROTECT EXISTING, AND NEW FIELDS.

J. DO NOT MOUNT ANY PROTRUDING/STANCHION EQUIPMENT IN THE PLAY AREA. EQUIPMENT MOUNTS SHALL BE BEHIND FENCING, AND NOT SUBJECT TO PLAYER COLLISIONS.

(#) KEYNOTES

1. PROVIDE A1: PEDESTRIAN POLE-LIGHT. SEE LIGHTING FIXTURE SCHEDULE. SEE POLE SCHEDULE. SEE DETAILS.
2. FUTURE UNISTRUT-MOUNTED EQUIPMENT. NTS.
3. PROVIDE RACEWAY FOR FUTURE USE. PROVIDE STUB-UP, AND WP CAP ON RACEWAY, WITH PULL STRING.
4. PROVIDE 2"C FOR FIBER. CONNECT, AND EXTEND RACEWAY ONLY FROM AVAILABLE FIBER TERMINATION/INTERCEPT TERMINAL AT EXISTING BOX ROUTED TO SOFTBALL DATA J-BOX LOCATION NEAR FUTURE SOFTBALL PRESS BOX STANCHION MOUNTED PANELS/ELECTRICAL EQUIPMENT. PROVIDE 2"C BETWEEN SOFTBALL DATA J-BOX AND BASEBALL DATA J-BOX LOCATED NEAR FUTURE BASEBALL PRESS BOX STANCHION MOUNTED PANELS/ELECTRICAL EQUIPMENT. TERMINATE DATA RACEWAYS IN J-BOXES. PROVIDE THESE PROVISIONS SUCH THAT FUTURE FIBER EQUIPMENT WILL BE SUPPORTED.
5. APPROXIMATE LOCATION OF FUTURE FIELD LIGHTS. PROVIDE (2) 2"C, TO EACH LOCATION INDICATED. PROVIDE J-BOX, STAND-OFF FOR FUTURE FIELD SPORTS LIGHTING SYSTEM AND LARGE CONCRETE POLE BASES. PROVIDE PULL-STINGS. RACEWAYS SHALL TERMINATE AT EACH J-BOX. J-BOXES SHALL BE SUITABLE FOR PULL BOXES (DO NOT CONTINUE RACEWAY THOUGH/WITHIN/SURROUNDED BY J-BOX). EACH J-BOX TO INCLUDE NOT LESS THAN 4- RACEWAY TERMINATIONS (2-IN, 2-OUT/CONTINUATION). SEE SPECIFICATIONS FOR UNDERGROUND J-BOX REQUIREMENTS. J-BOX SHALL INCLUDE FUTURE KNOCKOUTS/PROVISIONS FOR RACEWAY(S) INTO POLE. LOOP ROUTE COMPLETE SUCH THAT NOT LESS THAN (4) RACEWAYS EMANATE FROM DISTRIBUTION PANEL.
6. PROVIDE SPD. PROVIDE BREAKERS INDICATED.
7. PROVIDE PAD-MOUNT, OIL-FILLED. DELTA-PRIMARY; WYE-SECONDARY. SEE ALTERNATES.
8. ROUTE 120/208V LOAD RACEWAY TO (F) MPC LOCATION. PROVIDE SEPARATE J-BOX FOR EACH. 120/208V INCLUDES SCOREBOARDS, (E) SOFTBALL PANEL, AUDIO/VISUAL (SEE KN 12), ETC.
9. INTERCEPT EXISTING FENCE MOUNTED J-BOX. PROVIDE UNDERGROUND J-BOX AT EXISTING FENCE MOUNTED J-BOX LOCATION TO EXTEND RACEWAY TO NEW FIBER INTERCEPT LOCATION. PROVIDE (2) 2" C FROM (E) FENCE MOUNTED ENCLOSURE TO NEW J-BOX. COORDINATE EXACT J-BOX LOCATION WITH LANDSCAPE, AND CIVIL. (E) CONDUCTORS, POWER SERVICE, AND/OR DATA SERVICE SHALL REMAIN UNTIL FENCE MOUNTED EQUIPMENT IS REMOVED. SEE CIVIL, BP C., AND COORDINATE WITH OWNER FOR EQUIPMENT TO REMAIN IN-SERVICE THROUGH CONSTRUCTION INCLUDING BP A, B, AND C.
10. PROVIDE (2) 2"C FROM BB-PB PANEL STANCHION TO DUGOUT FOR FUTURE POWER/LIGHTING. PROVIDE JUNCTION BOX AT DUGOUT TERMINATION. PROVIDE STUB-UP, AND WP CAP AT TERMINATION. PROVIDE PULL-STRING(S).
11. PROVIDE 277V CONTROL VOLTAGE WP LIGHTING CONTROLLER WITH (4) 40A 480V RATED CONTACTS. PHOTO-SENSOR CONTROLLED. WAVELINK PLE-04 SERIES, NEMA 4X ENCLOSURE WITH 480V 2-POLE RELAYS, OR APPROVED.
12. PROVIDE J-BOX FOR FUTURE FIBER, AND A/V EQUIPMENT. SEE BP B & C FOR INTERCEPT REQUIREMENTS. EMANATE, AND TERMINATE FIBER RACEWAY AT J-BOX LOCATIONS. EMANATE, AND TERMINATE POWER RACEWAY AT MINI-POWER CENTER STANCHION LOCATION. PROVIDE (2) 2"C (1) 2"C FOR FUTURE FIBER, AND (1) 2"C FOR FUTURE POWER. USE SAME/SIMILAR PATH AS FUTURE FIELD LIGHTING. DO NOT ROUTE RACEWAY THROUGH FIELD LIGHTING J-BOXES. COORDINATE EXACT BOX LOCATION WITH OWNER'S IT. SEE DETAILS FOR ADDITIONAL REQUIREMENTS INCLUDING RACEWAY STUBS FROM J-BOXES.
13. PROVIDE 2.5"C STUBBED TO EXISTING PANEL LOCATION FOR FUTURE CONNECTION TO SOFTBALL FIELD POWER. PROVIDE LINK-SEAL AT BUILDING PENETRATION. PROTECT (E) SOFTBALL FIELD PANEL DURING WORK. INTERCEPTING EXISTING RACEWAY IS NOT ACCEPTABLE, PROVIDE NEW. ROUTE TO SOFTBALL STANCHION MOUNT LOCATION. STUB UP AT STANCHION MOUNT, CAP FOR FUTURE CONNECTION.
14. APPROXIMATE LOCATION OF EXISTING UTILITY SERVICE AND METER. PROTECT IN BP A, AND BP B. REMOVE IN BP C . SEE CIVIL FOR ADDITIONAL REQUIREMENTS. PROVIDE RACEWAY SHOWN ROUTED TO MPC, AND TO BASE OF EXISTING SERVICE BACKBOARD FOR FUTURE CIRCUITS EXTENSION TO MPC. PROVIDE J-BOX (NOT SHOWN) AT BASE OF (E) SERVICE LOCATION.

SHEET INDEX

E0.00	ELECTRICAL LEGENDS, SITE PLAN, & SCHEDULES
E1.00	ELECTRICAL DETAILS

SZABO LANDSCAPE ARCHITECTURE
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engineer's seal

REGISTERED PROFESSIONAL ENGINEER 59,920 — DIGITALLY SIGNED BY: Matthew J. Cash — OREGON — JANUARY 18, 2005 — MATTHEW J. CASH

EXPIRES: 12/31/2027

consultant

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revision schedule

no.	date	description

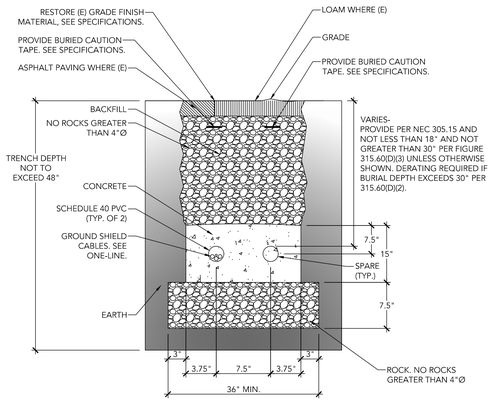
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project

EOU BALLFIELD COMPLEX PHASE 1 - BID PACKAGE A
E AVENUE
LA GRANDE, OR

date	2026.02.26
sla project number	2308.02
agency project number	
sheet description	ELECTRICAL LEGENDS, SITE PLAN, & SCHEDULES
sheet number	E0.00
project phase	BID SET

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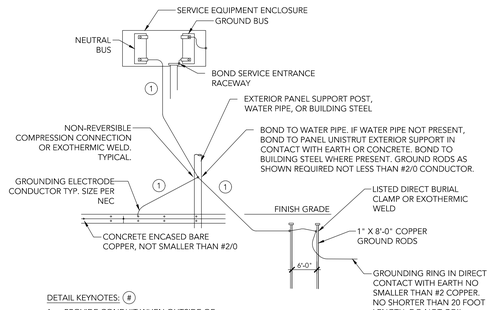


DETAIL NOTE:

GRADE TYPE VARIES. TYPES SHOWN FOR REFERENCE ONLY

1 E1.00 CONDUIT DUCT BANK - M.V. - PVC, WITH CONCRETE

SCALE: NTS

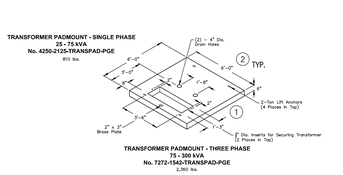


DETAIL KEYNOTES: (#)

1. PROVIDE CONDUIT WHEN OUTSIDE OF ELECTRICAL ROOM, OR OTHER ENCLOSURE.

2 E1.00 FREESTANDING SERVICE GROUND DETAIL (EXTERIOR)

SCALE: NTS



PGE L26105 4-14-08

Oldcastle Precast

PO Box 323, Wilsonville, Oregon 97070-0323
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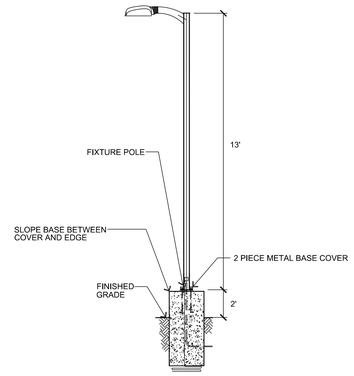
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DETAIL KEYNOTES: (#)

1. PROVIDE NOT LESS THAN 18" COMPACTED RACK SUB-BASE, (WITH 6" EXTENSION, EACH SIDE), OR PER CIVIL.
2. LEVEL GRADE REQUIRED. OIL FILLED TRANSFORMER SHALL BE LEVEL. WARRANTY OF LEVEL INSTALLATION NOT LESS THAN 7 YEARS.

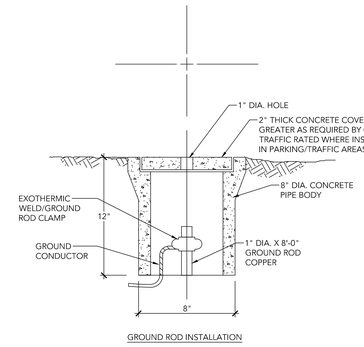
3 E1.00 TRANSFORMER PAD

SCALE: NTS



4 E1.00 POLE MOUNTING HEIGHT DETAIL

SCALE: NTS



GROUND ROD INSTALLATION

5 E1.00 GROUND ROD DETAIL

SCALE: NTS

DETAIL KEYNOTES: (#)

1. 3" GALVANIZED STEEL PIPE. WITH GALVANIZED CAPS (TYP.).
2. THRU-BOLTED WITH GALVANIZED HARDWARE (TYP.).
3. CONC. BASE, SLOPE AWAY FROM PIPE (TYP.).
4. FINISHED GRADE.
5. PANELBOARD, NEMA 3R RATED.
6. UNISTRUT P1000 (TYP.). FILE AND SMOOTH ALL SHARP EDGES.
7. CONDUITS, SEE ONE-LINE.
8. LIGHTING CONTROLLER.
9. SEE CIVIL FOR SUPPORT MATERIALS, DEPTHS, DIAMETERS, AND ADDITIONAL REQUIREMENTS.

QUANTITIES SHOWN FOR REFERENCE ONLY.

GROUND NOT SHOWN. SEE DETAILS.

6 E1.00 MPB STANCHION

SCALE: NTS

DETAIL NOTES:

1. GRADE TYPE VARIES. TYPES SHOWN FOR REFERENCE ONLY
2. SEE PLANS, ONE-LINE, ETC. FOR NUMBER OF CONDUITS, CONDUCTORS, ETC. QUANTITY SHOWN HERE FOR REFERENCE ONLY.

7 E1.00 CONDUIT DUCT BANK - 480/277 & 120/208 NO CONCRETE

SCALE: NTS

DETAIL KEYNOTES: (#)

1. 3" GALVANIZED STEEL PIPE. WITH GALVANIZED CAPS (TYP.).
2. THRU-BOLTED WITH GALVANIZED HARDWARE AT 6 PLACES (TYP.).
3. CONC. BASE, SLOPE AWAY FROM SUPPORT (TYP.).
4. FINISHED GRADE.
5. WP ENCLOSURE. SHOWN AS SCHEMATIC. RACEWAYS SHOWN FOR REFERENCE ONLY.
6. UNISTRUT P1000 ACROSS BACK OF BACKBOARD (TYP. 2 PLACES) FILE AND SMOOTH ALL SHARP EDGES.
7. CONDUITS, SEE PLANS FOR QUANTITIES (TYP.). PROVIDE RIGID VERTICAL RISERS AND SWEEPS, SEE SPECIFICATIONS.
8. NOT USED.
9. METAL WP LOCKING RECEPTACLE ENCLOSURE.
10. IRRIGATION CONTROLLER. NOT BY EOR, SEE LANDSCAPE FOR REQUIREMENTS. MOUNT, AND CONNECT.

8 E1.00 IRRIGATION & MINI POWER PANEL

SCALE: NTS

DETAIL NOTE:

PROVIDE NEW FEEDER (RACEWAY AND CONDUCTORS) CAP (E) FEEDER RACEWAY. LABEL (E) FEEDER CONDUCTORS AS SPARE FUTURE AT EMANATION, AND TERMINATION POINTS.

9 E1.00 (E) SOCCER PANEL

SCALE: NTS

FOUNDATION TABLE

Unrestrained at surface — REV. 12-15-2020

"H" (Pole ht., ft.)	"B"	"D"	"Z"	"N"
10	2'-0"	3'-10"	2'-0"	4
15	2'-0"	5'-2"	2'-0"	4
20	2'-0"	5'-8"	2'-0"	4
25	2'-6"	5'-4"	2'-0"	1

Restrained at surface

"H" (Pole ht., ft.)	"B"	"D"	"Z"	"N"
10	2'-0"	3'-10"	2'-0"	4
15	2'-0"	5'-4"	2'-0"	4
20	2'-0"	5'-8"	2'-0"	4
25	2'-6"	5'-6"	2'-0"	1

Uses 90 MPH wind load increase for fourth fixture

f'c = 4,000 psi
fy = 60,000 psi

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LIGHT POLE FOUNDATION
CAMPUS SITE LIGHTING
EASTERN OREGON UNIVERSITY
ONE UNIVERSITY AVENUE
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(541) 962-3181

DRAWN BY: MM
REVISION: 3
SCALE: AS NOTED
DATE: rev. 7-14-21
JOB: 2020-106
SHEET No. 1 OF 1

10 E1.00 SITE LIGHTING MOUNT - NOT BY EOR

SCALE: NTS

DETAIL KEYNOTES: (#)

1. PROVIDE SIDE KNOCKOUTS FOR FUTURE CONNECTIONS.
2. 1"C STUB UP FOR FIBER LOOP EXIT/ENTRY.
3. ADDITIONAL RACEWAY MAY BE PRESENT FOR J-BOXES CONNECTING TO SERVICE, AND/OR OTHER FIELD. SEE PLANS. SEE BP. B, SEE BP. C.

11 E1.00 FLUSH WITH GRADE UNDERGROUND J-BOX DETAIL

SCALE: NTS

12 E1.00 MV NODE

SCALE: NTS

13 E1.00 (E) UTILITY SERVICE

SCALE: NTS

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revision schedule

no.	date	description

keymap

project

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E AVENUE
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agency project number	

sheet description: ELECTRICAL DETAILS

sheet number: E1.00

project phase: BID SET

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