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**SITE DATA**

**PROPERTY DESCRIPTION**

LANE COUNTY TAX MAP 20-03-28-34  
TAX LOT 11600

**PROJECT LOCATION**

101 SOUTH 10TH ST.  
COTTAGE GROVE, OREGON  
SITE AREA = 14.6 ACRES

**SITE INFORMATION**

LIMITS OF DISTURBANCE <1.0 ACRE

**CIVIL ENGINEER**

BRANCH ENGINEERING, INC.  
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**SURVEYOR**

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**LANDSCAPE ARCHITECT**

DOUGHERTY LANDSCAPE ARCHITECTS  
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**UTILITY REPRESENTATIVES**

**ELECTRICAL**

PACIFIC POWER COTTAGE GROVE DISTRICT  
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EMAIL: elke.vath@pacificorp.com

EMERALD PEOPLE'S UTILITY DISTRICT (EPUD)  
CONTACT: JOHN NORRENA  
33733 SEAVEY LOOP ROAD  
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PHONE: (541) 735-4366  
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**WATER, SANITARY, STORM SEWER & CITY FIBER OPTICS**

CITY OF COTTAGE GROVE  
CONTACT: GREG GRISWELL, PUBLIC WORKS SUPERVISOR  
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COTTAGE GROVE, OR 97424  
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**FIRE**

SOUTH LANE COUNTY FIRE & RESCUE  
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COTTAGE GROVE, OR 97424  
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EMAIL: dsolesbee@southlanefire.org

**COMMUNICATION SERVICES**

CENTURY LINK  
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EMAIL: trevor.w.gilbert@lumen.com

**CHARTER COMMUNICATIONS**

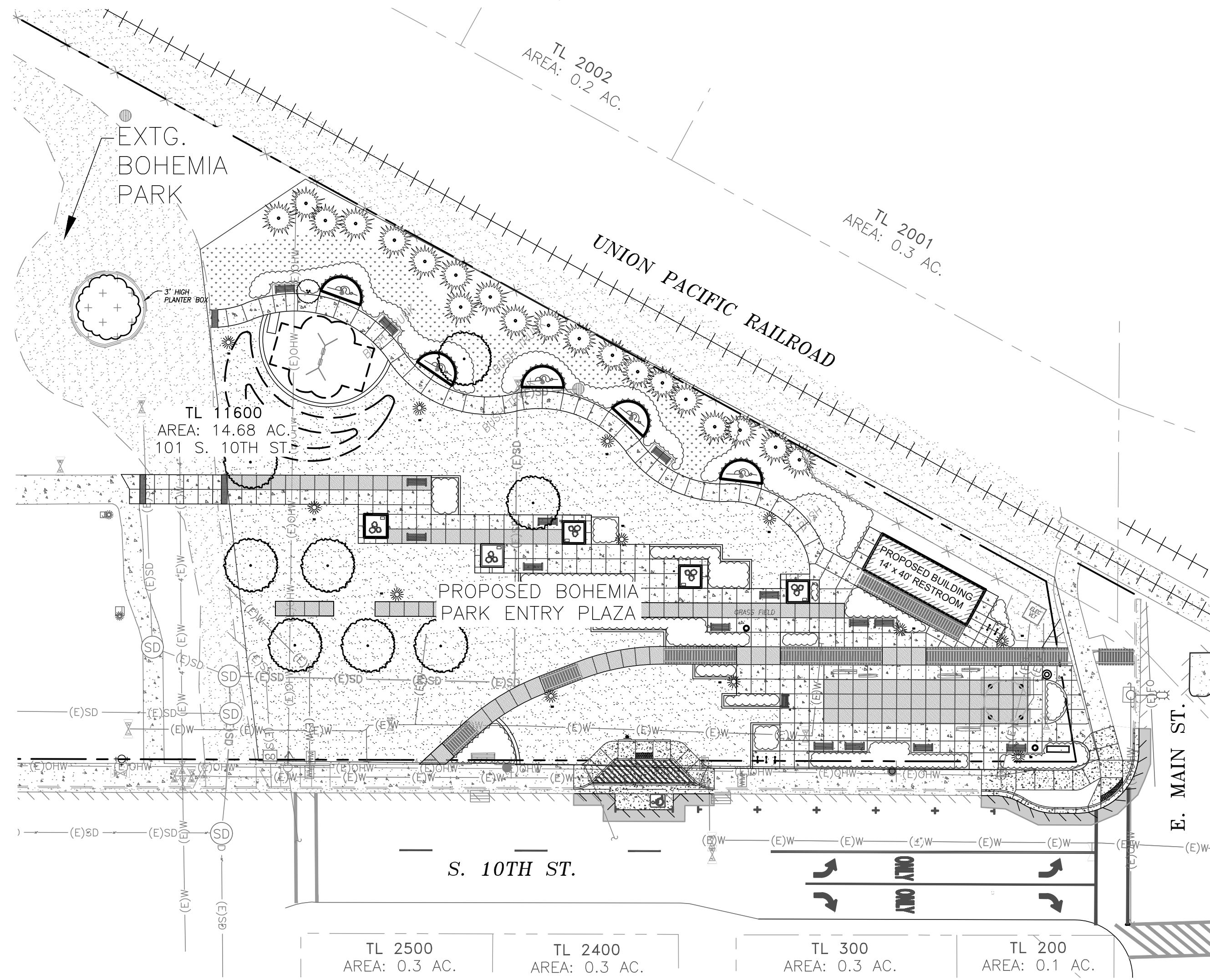
CONTACT: MARK STANFIELD  
PHONE: (541) 458-0097  
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OR  
CONTACT: SHANE QUIMBY  
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# BOHEMIA PARK EXPANSION

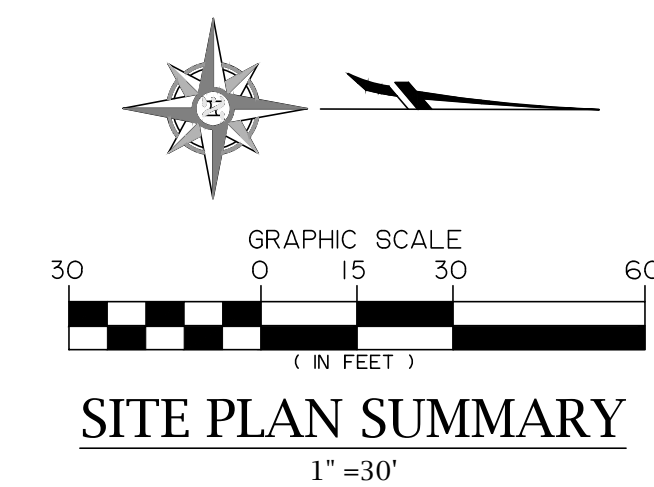
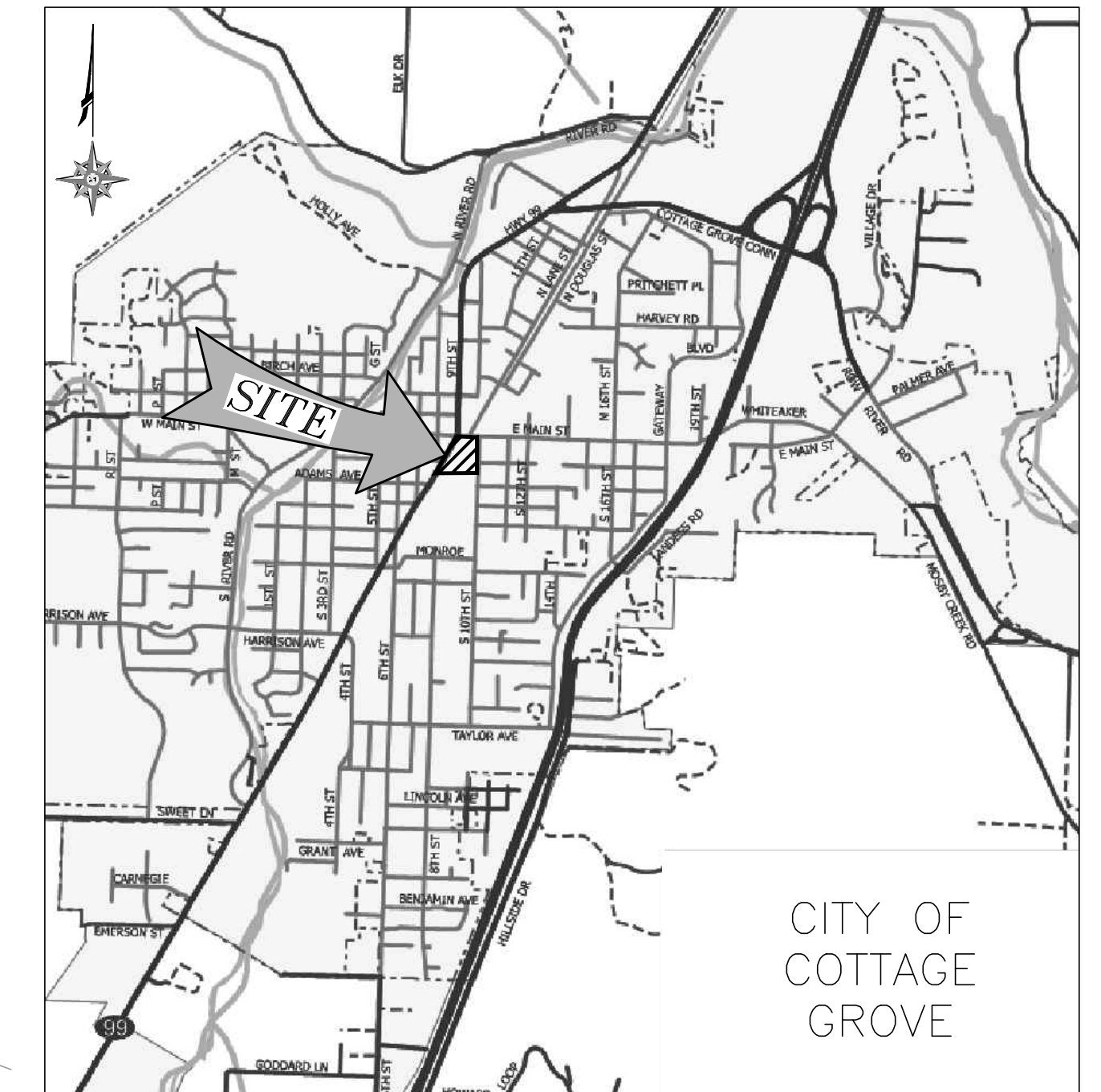
## FOR THE CITY OF COTTAGE GROVE

101 SOUTH 10TH STREET  
COTTAGE GROVE, OREGON

EDA AWARD NUMBER: 07-79-07918; URI:118958



**VICINITY MAP**  
N.T.S.



**LEGEND**

<b>EXISTING</b>	APPROXIMATE PROPERTY LINE	WATER VALVE	ELECTRIC BOX
CURB	IRRIGATION VALVE	JUNCTION BOX	
EDGE OF ASPHALT	WATER METER	ELECTRIC VAULT	
CONTOUR LINE	CATCH BASIN	UNKNOWN MANHOLE	
FENCE LINE	POWER POLE	SS CLEANOUT	
CENTERLINE OF RAILROAD	POWER POLE /w ARM	DECIDUOUS TREE	
OVERHEAD WIRES	GUY ANCHOR	EVERGREEN TREE	
IRR WATER LINE	SIGN		
STORM SEWER LINE	LIGHT POLE		
FIBER OPTIC LINE	SPOT ELEVATION		
CONCRETE	TL TAX LOT NUMBER		
GRAVEL			

<b>PROPOSED</b>	CONCRETE	ELECTRICAL CONDUIT
STAMPED CONCRETE	PERVIOUS CONCRETE	LIGHT POLE
GRAVEL	LAWN	ELECTRIC BOX
CURB	SHRUB	LANDSCAPE ORNAMENT
TREE	BENCH	SCULPTURE
BIKE RACK	SIGN	SWING SET
		BUILDING
		LITTER RECEPTACLE
		DEMO CONCRETE
		DEMO ASPHALT
		SAWCUT LINE

**ABBREVIATIONS**

AC	ACRE(S)	EXTG.	EXISTING
BP	ALIGNMENT BEGINNING POINT	PROP.	PROPOSED
C	CONCRETE	SAN	SANITARY
CB	CATCH BASIN	IE	INVERT ELEVATION
CL	CENTERLINE	ELEV.	ELEVATION
DCVA	DOUBLE CHECK VALVE ASSEMBLY	FG	FINISHED GRADE
BW	BACK OF WALK	EG	EXISTING GRADE
MAX.	MAXIMUM	ODOT	OREGON DEPARTMENT OF TRANSPORTATION
MH	MANHOLE	PT	ALIGNMENT POINT OF TANGENCY
MID	ALIGNMENT MID POINT	R-0-W	RIGHT OF WAY
MIN.	MINIMUM	TC	TOP OF CURB
PSI	POUNDS PER SQUARE INCH	SS	SANITARY SEWER
STD.	STANDARD	SD	STORM DRAIN
DWG	DRAWING	STA	STATION
W/L	WATERLINE	STM	STORM
EP	ALIGNMENT END POINT	WW	WASTEWATER
EX.	EXISTING		

**SURVEY DATUMS**

HORIZONTAL: OREGON COORDINATE REFERENCE SYSTEM - EUGENE PROJECTION 2011 (EPOCH 2010)  
VERTICAL: ELEVATIONS ARE BASED ON RTK GPS OBSERVATIONS USING THE OREGON REAL-TIME GEODETIC NETWORK AND GEOID 12A(NAVD88).

**60% SUBMITTAL**

**Branch ENGINEERING**  
Since 1977  
civil • transportation structural • geotechnical SURVEYING  
310 5th Street  
Springfield, OR 97477  
P: 541.746.0637  
www.BranchEngineering.com

REGISTERED PROFESSIONAL ENGINEER  
PRELIMINARY NOT FOR CONSTRUCTION  
DAMIEN GILBERT  
EXPIRES: JUNE 30, 2025

**City of Cottage Grove ENGINEERING**  
400 Main Street Cottage Grove, OR 97424

REVISIONS:		
No.	DESCRIPTION	DATE

**CITY OF COTTAGE GROVE BOHEMIA PARK EXPANSION**

COVER

Sheet No. **C0.0**

DRAWN BY: ZZ CHECKED BY: DG DATE: 09/11/23

JOB No. 22-001K

## GENERAL CONSTRUCTION NOTES

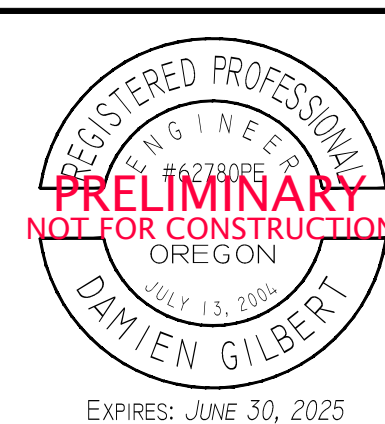
- ALL MATERIALS AND WORKMANSHIP OF ITEMS TO BE MAINTAINED BY THE CITY OF COTTAGE GROVE WITHIN PUBLIC EASEMENTS OR STREET RIGHT-OF-WAYS SHALL MEET CURRENT CITY OF COTTAGE GROVE PUBLIC WORKS SPECIFICATIONS. ALL MATERIALS AND WORKMANSHIP OF IMPROVEMENTS THAT WILL BE PRIVATELY OWNED AND MAINTAINED WILL BE BOUND BY THE CURRENT REQUIREMENTS OF THE STATE OF OREGON AMENDMENTS TO THE UNIFORM PLUMBING CODE CURRENT EDITION, OR CITY OF COTTAGE GROVE BUILDING DIVISION REQUIREMENTS.
- ALL WORK SHALL MEET THE FOLLOWING SPECIFICATIONS "2021 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE "2021 OREGON STANDARD DRAWINGS" AND THE SPECIALS SET FORTH IN THE PROJECT MANUAL FOR THIS PROJECT.
- CONTRACTOR SHALL PROCURE, AND CONFORM TO ALL CONSTRUCTION PERMITS REQUIRED BY THE CITY OF COTTAGE GROVE.
- ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS 800-332-2334 OR 811).
- CONTRACTOR TO NOTIFY CITY AND ALL UTILITY COMPANIES A MINIMUM OF 48 BUSINESS HOURS (2 BUSINESS DAYS) PRIOR TO START OF CONSTRUCTION, AND COMPLY WITH ALL OTHER NOTIFICATION REQUIREMENTS OF AGENCIES WITH JURISDICTION OVER THE WORK.
- CONTRACTOR SHALL PROVIDE ALL BONDS AND INSURANCE REQUIRED BY PUBLIC AND/OR PRIVATE AGENCIES HAVING JURISDICTION. WHERE REQUIRED BY PUBLIC AND/OR PRIVATE AGENCIES HAVING JURISDICTION, THE CONTRACTOR SHALL SUBMIT A SUITABLE MAINTENANCE BOND PRIOR TO FINAL PAYMENT.
- ALL MATERIALS AND WORKMANSHIP FOR FACILITIES IN STREET RIGHT-OF-WAY OR EASEMENTS SHALL CONFORM TO APPROVING AGENCIES' CONSTRUCTION SPECIFICATIONS WHEREIN EACH HAS JURISDICTION, INCLUDING BUT NOT LIMITED TO THE CITY, COUNTY, OREGON HEALTH DIVISION (OHD) AND THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ).
- UNLESS OTHERWISE APPROVED BY THE PUBLIC WORKS DIRECTOR, CONSTRUCTION OF ALL PUBLIC FACILITIES SHALL BE DONE BETWEEN 7:00 A.M. AND 7:00 P.M., MONDAY THROUGH FRIDAY.
- THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET APPLICABLE AGENCY REQUIREMENTS AND PROVIDE A COMPLETED PROJECT.
- ANY INSPECTION BY THE CITY OR OTHER AGENCIES SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS, APPLICABLE CODES, AND AGENCY REQUIREMENTS.
- CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF APPROVED DRAWINGS ON THE CONSTRUCTION SITE AT ALL TIMES WHEREON HE WILL RECORD ALL APPROVED DEVIATIONS IN CONSTRUCTION FROM THE APPROVED DRAWINGS, AS WELL AS THE STATION LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES ENCOUNTERED. THESE FIELD RECORD DRAWINGS SHALL BE KEPT UP TO DATE AT ALL TIMES AND SHALL BE AVAILABLE FOR INSPECTION BY THE CITY OR DESIGN ENGINEER'S REPRESENTATIVE UPON REQUEST. FAILURE TO CONFORM TO THIS REQUIREMENT MAY RESULT IN DELAY IN PAYMENT AND/OR FINAL ACCEPTANCE OF THE PROJECT.
- UPON COMPLETION OF CONSTRUCTION OF ALL NEW FACILITIES, CONTRACTOR SHALL SUBMIT A CLEAN SET OF FIELD RECORD DRAWINGS CONTAINING ALL AS-BUILT INFORMATION TO THE ENGINEER. ALL INFORMATION SHOWN ON THE CONTRACTOR'S FIELD RECORD DRAWINGS SHALL BE SUBJECT TO VERIFICATION. IF SIGNIFICANT ERRORS OR DEVIATIONS ARE NOTED, AN AS-BUILT SURVEY PREPARED AND STAMPED BY A REGISTERED PROFESSIONAL LAND SURVEYOR SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES AS NEEDED DURING CONSTRUCTION WITH A MINIMUM EROSION CONTROL OF INLET PROTECTION. THE CONTRACTOR SHALL CONSULT WITH THE CITY FOR ADDITIONAL EROSION CONTROL MEASURES IN EXTREMELY WET WEATHER CONDITIONS.
- THE CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A REGISTERED CIVIL ENGINEER AND/OR LAND SURVEYOR LICENSED IN THE STATE OF OREGON TO ESTABLISH CONSTRUCTION CONTROL AND PERFORM INITIAL CONSTRUCTION SURVEYS TO ESTABLISH THE LINES AND GRADES OF IMPROVEMENTS AS INDICATED ON THE DRAWINGS. STAKING FOR BUILDINGS, STRUCTURES, CURBS, GRAVITY DRAINAGE PIPES/STRUCTURES AND OTHER CRITICAL IMPROVEMENTS SHALL BE COMPLETED USING EQUIPMENT ACCURATE TO 0.04 FEET HORIZONTALLY AND 0.02 FEET VERTICALLY, OR BETTER. USE OF GPS EQUIPMENT FOR CONSTRUCTION STAKING OF THESE IMPROVEMENTS IS PROHIBITED. THE REGISTERED PROFESSIONAL SURVEYOR SHALL PROVIDE THE DESIGN ENGINEER WITH COPIES OF ALL GRADE SHEETS FOR CONSTRUCTION STAKING PERFORMED FOR THE PROJECT.
- CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, TRAFFIC CONES PER CITY OF COTTAGE GROVE REQUIREMENTS IN ACCORDANCE WITH THE MUTCD (INCLUDING OREGON AMENDMENTS). ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. ALL TRAFFIC CONTROL MEASURES SHALL BE APPROVED AND IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITY. PRIOR TO ANY WORK IN THE EXISTING PUBLIC RIGHT-OF-WAY, CONTRACTOR SHALL SUBMIT FINAL TRAFFIC CONTROL PLAN TO THE CITY FOR REVIEW AND ISSUANCE OF A LANE CLOSURE OR WORK IN RIGHT-OF-WAY PERMIT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED OR NECESSARY INSPECTIONS ARE COMPLETED BY AUTHORIZED INSPECTORS PRIOR TO PROCEEDING WITH SUBSEQUENT WORK WHICH COVERS OR THAT IS DEPENDENT ON THE WORK TO BE INSPECTED. FAILURE TO OBTAIN NECESSARY INSPECTION(S) AND APPROVAL(S) SHALL RESULT IN THE CONTRACTOR BEING FULLY RESPONSIBLE FOR ALL PROBLEMS ARISING FROM UNINSPECTED WORK.
- UNLESS OTHERWISE SPECIFIED, THE ATTACHED "REQUIRED TESTING AND FREQUENCY" TABLE OUTLINES THE MINIMUM TESTING SCHEDULE FOR THE PROJECT. THIS TESTING SCHEDULE IS NOT COMPLETE, AND DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF OBTAINING ALL NECESSARY INSPECTIONS OR OBSERVATIONS FOR ALL WORK PERFORMED, REGARDLESS OF WHO IS RESPONSIBLE FOR PAYMENT. COST FOR RETESTING SHALL BE BORNE BY THE CONTRACTOR.
- THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND SIZES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MARKING ALL EXISTING SURVEY MONUMENTS OF RECORD (INCLUDING BUT NOT LIMITED TO PROPERTY AND STREET MONUMENTS) PRIOR TO CONSTRUCTION. IF ANY SURVEY MONUMENTS ARE REMOVED, DISTURBED OR DESTROYED DURING CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A REGISTERED PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF OREGON TO REFERENCE AND REPLACE ALL SUCH MONUMENTS PRIOR TO FINAL PAYMENT. THE MONUMENTS SHALL BE REPLACED WITHIN A MAXIMUM OF 90 DAYS, AND THE COUNTY SURVEYOR SHALL BE NOTIFIED IN WRITING AS REQUIRED BY PER ORS 209.150.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES WHERE NEW FACILITIES CROSS. ALL UTILITY CROSSINGS MARKED OR SHOWN ON THE DRAWINGS SHALL BE POTHOLED USING HAND TOOLS OR OTHER NON BORING METHODS. PRIOR TO EXCAVATING, CONTRACTOR SHALL BE RESPONSIBLE FOR EXPOSING POTENTIAL UTILITY CONFLICTS FAR ENOUGH AHEAD OF CONSTRUCTION TO MAKE NECESSARY GRADE OR ALIGNMENT MODIFICATIONS WITHOUT DELAYING THE WORK. IF GRADE OR ALIGNMENT MODIFICATION IS NECESSARY, CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER, AND THE DESIGN ENGINEER OR THE OWNER'S REPRESENTATIVE SHALL OBTAIN APPROVAL FROM THE CITY PRIOR TO CONSTRUCTION.
- ALL FACILITIES SHALL BE MAINTAINED IN-PLACE BY THE CONTRACTOR UNLESS OTHERWISE SHOWN OR DIRECTED. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO SUPPORT, MAINTAIN, OR OTHERWISE PROTECT EXISTING UTILITIES AND OTHER FACILITIES AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR TO LEAVE EXISTING FACILITIES IN AN EQUAL OR BETTER-THAN-ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY AND THE DESIGN ENGINEER.
- UTILITIES OR INTERFERING PORTIONS OF UTILITIES THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR TO THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. THE CONTRACTOR SHALL PLUG THE REMAINING EXPOSED ENDS OF ABANDONED UTILITIES.
- CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS, MAILBOXES, FENCES, LANDSCAPING, ETC., AS REQUIRED TO AVOID DAMAGE DURING CONSTRUCTION AND REPLACE THEM TO EXISTING OR BETTER CONDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO ENSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, AND DUST OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY ADEQUATE WATERING OF THE SITE BY THE CONTRACTOR.
- FINISH PAVEMENT GRADES AT TRANSITION TO EXISTING PAVEMENT SHALL MATCH EXISTING PAVEMENT GRADES OR BE FEATHERED PAST JOINTS WITH PAVEMENT AS REQUIRED TO PROVIDE A SMOOTH, FREE DRAINING SURFACE.
- ALL EXISTING OR CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENT BOXES, GAS VALVES, WATER VALVES AND SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADE OF THE PAVEMENT, SIDEWALK, LANDSCAPED AREA OR MEDIAN STRIP WHEREIN THEY LIE. VERIFY THAT ALL VALVE BOXES AND RISERS ARE CLEAN AND CENTERED OVER THE OPERATING NUT.
- CONTRACTOR SHALL SEED AND MULCH (UNIFORMLY BY HAND OR HYDROSEED) EXPOSED SLOPES AND DISTURBED AREAS WHICH ARE NOT SCHEDULED TO BE LANDSCAPED, INCLUDING TRENCH RESTORATION AREAS. IF THE CONTRACTOR FAILS TO APPLY SEED AND MULCH IN A TIMELY MANNER DURING PERIODS FAVORABLE FOR GERMINATION, OR IF THE SEEDED AREAS FAIL TO GERMINATE, THE OWNER REPRESENTATIVE MAY (AT HIS DISCRETION) REQUIRE THE CONTRACTOR TO INSTALL SOD TO COVER SUCH DISTURBED AREAS.
- ALL TAPPING OF EXISTING MUNICIPAL SANITARY SEWER, STORM DRAIN MAINS, AND MANHOLES MUST BE DONE BY CONTRACTOR FORCES.
- THE CONTRACTOR SHALL HAVE APPROPRIATE EQUIPMENT ON SITE TO PRODUCE A FIRM, SMOOTH, UNDISTURBED SUBGRADE AT THE TRENCH BOTTOM, TRUE TO GRADE. THE BOTTOM OF THE TRENCH EXCAVATION SHALL BE SMOOTH, FREE OF LOOSE MATERIALS OR TOOTH GROOVES FOR THE ENTIRE WIDTH OF THE TRENCH PRIOR TO PLACING THE GRANULAR BEDDING MATERIAL.
- ALL PIPES SHALL BE BEDDED WITH MINIMUM 6-INCHES OF 3/4"-0 CRUSHED ROCK BEDDING AND BACKFILLED WITH COMPACTED 3/4"-0 CRUSHED ROCK IN THE PIPE ZONE (CRUSHED ROCK SHALL EXTEND A MINIMUM OF 12-INCHES OVER THE TOP OF THE PIPE IN ALL CASES). CRUSHED ROCK OR CDF TRENCH BACKFILL SHALL BE USED UNDER ALL IMPROVED AREAS, INCLUDING PAVEMENT, SIDEWALKS, FOUNDATION SLABS, BUILDINGS, ETC. IN ACCORDANCE WITH THE PLANS & SPECIFICATIONS. GRANULAR TRENCH BACKFILL SHALL BE COMPACTED TO 95% IN ROADWAYS AND 92% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD (MODIFIED PROCTOR) OUTSIDE OF ROADWAYS.
- GRANULAR TRENCH BEDDING AND BACKFILL SHALL CONFORM TO THE REQUIREMENTS OF OSSC (ODOT/APWA) 02630.10 (DENSE GRADED BASE AGGREGATE), 3/4"-0. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, COMPACT GRANULAR BACKFILL TO 95% IN ROADWAYS AND 92% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD (MODIFIED PROCTOR) OUTSIDE OF ROADWAYS.
- ALL PIPED UTILITIES ABANDONED IN PLACE SHALL HAVE ALL OPENINGS CLOSED WITH CONCRETE PLUGS WITH A MINIMUM LENGTH EQUAL TO 2 TIMES THE DIAMETER OF THE ABANDONED PIPE.
- THE END OF ALL UTILITY SERVICE LINES SHALL BE MARKED WITH A 2-X-4 PAINTED WHITE AND WIRED TO PIPE STUB. THE PIPE DEPTH SHALL BE WRITTEN ON THE POST IN 2" BLOCK LETTERS.
- ALL NON-METALLIC WATER, SANITARY AND STORM SEWER PIPING SHALL HAVE AN ELECTRICALLY CONDUCTIVE INSULATED 12 GAUGE, SOLID STRAND COPPER TRACER WIRE THE FULL LENGTH OF THE INSTALLED PIPE USING BLUE WIRE FOR WATER AND GREEN WIRE FOR STORM AND SANITARY PIPING. TRACER WIRE SHALL BE EXTENDED UP INTO ALL VALVE BOXES, CATCH BASINS, MANHOLES AND LATERAL CLEANOUT BOXES. TRACER WIRE PENETRATIONS INTO MANHOLES SHALL BE WITHIN 18 INCHES OF THE RIM ELEVATION AND ADJACENT TO MANHOLE STEPS. THE TRACER WIRE SHALL BE TIED TO THE TOP MANHOLE STEP OR OTHERWISE SUPPORTED TO ALLOW RETRIEVAL FROM THE OUTSIDE OF THE MANHOLE.
- NO TRENCHES IN SIDEWALKS, ROADS, OR DRIVEWAYS SHALL BE LEFT IN AN OPEN CONDITION OVERNIGHT. ALL SUCH TRENCHES SHALL BE CLOSED BEFORE THE END OF EACH WORKDAY AND NORMAL TRAFFIC AND PEDESTRIAN FLOWS RESTORED.
- CITY FORCES TO OPERATE ALL VALVES, INCLUDING FIRE HYDRANTS, ON EXISTING PUBLIC MAINS.
- ALL SANITARY SEWER MAINS SHALL BE D3034 SDR35 PVC. ALL FITTINGS 4-INCHES THROUGH 24-INCHES IN DIAMETER SHALL BE PER MANUFACTURERS RECOMMENDATIONS IN CONFORMANCE WITH ODOT STANDARD SPECIFICATIONS SECTION 00445.43.
- THRUST RESTRAINT SHALL BE PROVIDED ON ALL BENDS, TEES AND OTHER DIRECTION CHANGES PER LOCAL JURISDICTION REQUIREMENTS AND AS SPECIFIED OR SHOWN ON THE DRAWINGS. UNLESS OTHERWISE SHOWN OR APPROVED BY THE ENGINEER.

- CONTRACTOR SHALL REIMBURSE CITY FOR COSTS REQUIRED TO FLUSH, TEST AND DISINFECT WATERLINES PER PUBLIC AGENCY REQUIREMENTS.
- WHERE THE WATER LINE CROSSES OVER THE SEWER LINE BUT WITH A CLEARANCE OF LESS THAN 18-INCHES VERTICAL SEPARATION, IF THE WATER SUPPLIER DETERMINES THAT THE CONDITIONS ARE NOT FAVORABLE, THE SEWER LINE SHALL BE REPLACED WITH A FULL LENGTH OF PIPE CENTERED AT THE CROSSING POINT, OF PVC PRESSURE PIPE, HIGH DENSITY PE PIPE, DUCTILE-IRON CLASS 50, OR OTHER ACCEPTABLE PIPE; OR THE SEWER SHALL BE ENCASED IN A REINFORCED CONCRETE JACKET FOR A DISTANCE OF 10 FEET ON BOTH SIDES OF THE CROSSING IN ACCORDANCE WITH OAR 333-061-0050 AND LOCAL JURISDICTION REQUIREMENTS.
- CONTRACTOR TO PROVIDE TESTING OF SANITARY SEWER PIPE AND APPURTENANCES FOR LEAKAGE IN ACCORDANCE WITH TESTING SCHEDULE HEREIN OR THE CITY'S CONSTRUCTION STANDARDS, WHICHEVER ARE MORE STRINGENT. SANITARY SEWER PIPE AND APPURTENANCES SHALL BE TESTED FOR LEAKAGE.
- CONTRACTOR SHALL NOTIFY AND COORDINATE WITH FRANCHISE UTILITIES FOR REMOVAL OR RELOCATION OF POWER POLES, VAULTS, PEDESTALS, MANHOLES, ETC. TO AVOID CONFLICT WITH CITY UTILITY STRUCTURES, FIRE HYDRANTS, METERS, SEWER OR STORM LATERALS, ETC.
- ANY ABRUPT EDGE GREATER THAN 2 INCHES IN DEPTH, CLOSER THAN 4 FEET FROM AN ACTIVE TRAFFIC LANE, AND HAVING A DURATION OF EXPOSURE LONGER THAN 72 HOURS SHALL BE REQUIRED TO FOLLOW THE "TYPICAL ABRUPT EDGE SIGNING DETAIL" ON ODOT STANDARD DRAWING TM800.
- WHEN CONSTRUCTION ACTIVITIES BLOCK OR INTERFERE WITH THE NORMAL PEDESTRIAN ROUTING, PROVIDE SAFE PASSAGE FOR PEDESTRIANS THROUGH THE CONSTRUCTION AREA UTILIZING ODOT STANDARD DRAWING TM844 AND THE REQUIREMENTS OF THE CURRENT EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION (BLUE BOOK). REFER TO SUBSECTION 00220.02.
- SAWCUT SIDEWALK AT NEWEST CONTROL JOINT IF LOCATED WITHIN 2 FEET OF SAWCUT LINE SHOWN.

REQUIRED TESTING AND FREQUENCY TABLE		PARTY RESPONSIBLE FOR PAYMENT	
		CONTRACTOR	
STREETS, PARKING LOTS, PADS, FILLS, ETC			
ASPHALT	1 TEST/6,000 S.F./LIFT (4 MIN.)	X	SEE NOTE 2
PIPED UTILITIES, ALL			
TRENCH BACKFILL	1 TEST/200 FOOT TRENCH/LIFT (4 MIN.)	X	SEE NOTE 2
TRENCH AC RESTORATION	1 TEST/300 FOOT OF TRENCH (4 MIN.)	X	SEE NOTE 2
SANITARY SEWER (GRAVITY)			
PIPE	-AIR OR HYDROSTATIC PER ODOT REQUIREMENTS. -DEFLECTION TESTING PER ODOT REQUIREMENTS. -VIDEO INSPECTION PER ODOT REQUIREMENTS.	X	SEE NOTE 2
MANHOLES	VACUUM TESTING PER ODOT REQUIREMENTS	X	SEE NOTE 2
CONCRETE			
	SLUMP, AIR & CYLINDERS FOR ALL STRUCTURES CURBS, SIDEWALKS AND PCC PAVEMENTS. UNLESS OTHERWISE SPECIFIED, ONE SET OF CYLINDERS PER 100 CUBIC YARDS (OR PORTION THEREOF) OF CONCRETE POURED PER DAY. SLUMP & AIR TESTS REQUIRED ON SAME LOAD AS CYLINDERS.	X	SEE NOTE 2
NOTE 1: "OTHERS" REFERS TO CITY'S AUTHORIZED REPRESENTATIVE OF APPROVING AGENCY AS APPLICABLE. CONTRACTOR RESPONSIBLE FOR SCHEDULING TESTING. ALL TESTING MUST BE COMPLETED PRIOR TO PERFORMING SUBSEQUENT WORK.			
NOTE 2: TESTING MUST BE PERFORMED BY AN APPROVED INDEPENDENT TESTING LABORATORY OR CITY.			
NOTE 3: IN ADDITION TO IN-PLACE DENSITY TESTING, THE SUBGRADE AND BASE ROCK SHALL BE PROOF ROLLED WITH A LOADED 10 YARD DUMP TRUCK PROVIDED BY THE CONTRACTOR. BASEROCK PROOFROLL SHALL TAKE PLACE IMMEDIATELY PRIOR TO (WITHIN 24 HOURS OF) PAVING, AND SHALL BE WITNESSED BY THE CITY'S AUTHORIZED REPRESENTATIVE OR APPROVING AGENCY. LOCATION AND PATTERN OF PROOFROLL TO BE DIRECTED BY SAID CITY'S REPRESENTATIVE OR APPROVING AGENCY.			
NOTE 4: TO BE WITNESSED BY THE CITY'S REPRESENTATIVE OR APPROVING AGENCY. THE CONTRACTOR SHALL PERFORM PRE-TESTS PRIOR TO SCHEDULING WATERLINE OR SANITARY SEWER PRESSURE TESTS, OR PIPELINE MANDREL TEST.			
NOTE 5: TO BE PERFORMED BY CITY OF COTTAGE GROVE. NOTIFY CITY OF COTTAGE GROVE PUBLIC WORKS FIVE (5) BUSINESS DAYS PRIOR TO REQUIRED TESTING.			

**60% SUBMITTAL**



REVISIONS:		
No.	DESCRIPTION	DATE

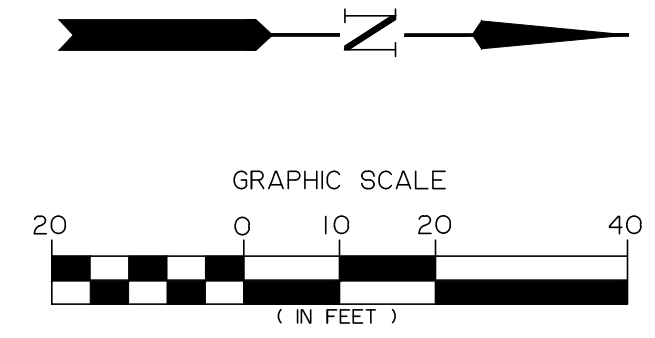
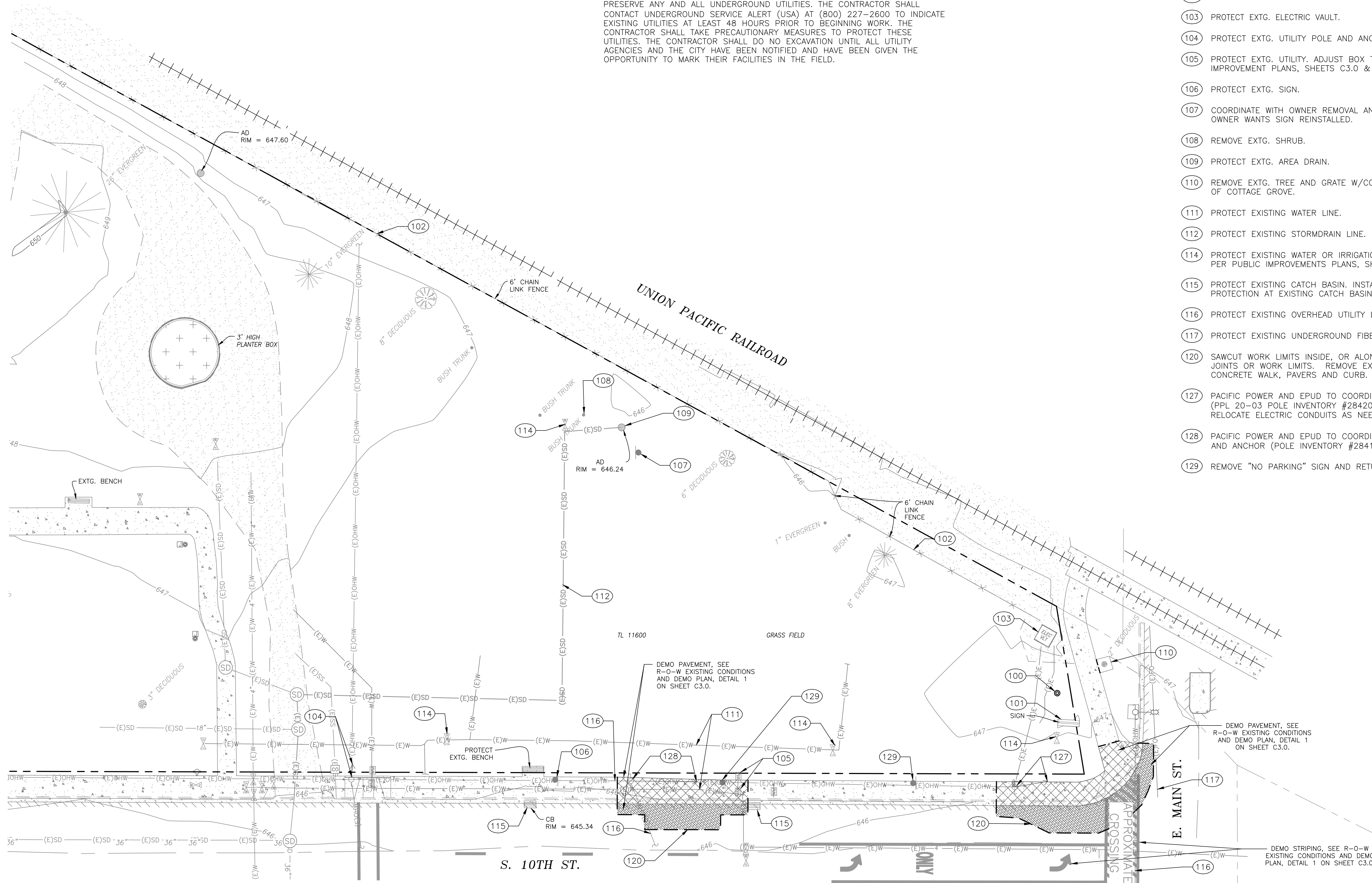
CITY OF COTTAGE GROVE BOHEMIA PARK EXPANSION			
GENERAL NOTES			Sheet No. <b>C0.1</b>
DRAWN BY: ZZ	CHECKED BY: DG	DATE: 09/11/23	JOB No. 22-001K

**NOTES**

1. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 TO INDICATE EXISTING UTILITIES AT LEAST 48 HOURS PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THESE UTILITIES. THE CONTRACTOR SHALL DO NO EXCAVATION UNTIL ALL UTILITY AGENCIES AND THE CITY HAVE BEEN NOTIFIED AND HAVE BEEN GIVEN THE OPPORTUNITY TO MARK THEIR FACILITIES IN THE FIELD.

**CONSTRUCTION NOTES:**

- 100 RETAIN AND PROTECT SURVEY MONUMENT.
- 101 REMOVE, SALVAGE, AND REINSTALL SIGN TO NEW LOCATION PER GRADING AND PAVING PLAN, SHEET C2.1.
- 102 RETAIN AND PROTECT EXTG. FENCE.
- 103 PROTECT EXTG. ELECTRIC VAULT.
- 104 PROTECT EXTG. UTILITY POLE AND ANCHOR.
- 105 PROTECT EXTG. UTILITY. ADJUST BOX TO FINISHED GRADE AS NEEDED PER PUBLIC IMPROVEMENT PLANS, SHEETS C3.0 & C3.1.
- 106 PROTECT EXTG. SIGN.
- 107 COORDINATE WITH OWNER REMOVAL AND RELOCATION AS NECESSARY. CONFIRM IF OWNER WANTS SIGN REINSTALLED.
- 108 REMOVE EXTG. SHRUB.
- 109 PROTECT EXTG. AREA DRAIN.
- 110 REMOVE EXTG. TREE AND GRATE W/CONCRETE COLLAR. RETURN GRATE TO THE CITY OF COTTAGE GROVE.
- 111 PROTECT EXISTING WATER LINE.
- 112 PROTECT EXISTING STORMDRAIN LINE.
- 114 PROTECT EXISTING WATER OR IRRIGATION VALVE. ADJUST RIM TO FINISHED GRADE AS NEEDED PER PUBLIC IMPROVEMENTS PLANS, SHEETS C3.0 & C3.1.
- 115 PROTECT EXISTING CATCH BASIN. INSTALL SEDIMENT PROTECTION AT EXISTING CATCH BASIN.
- 116 PROTECT EXISTING OVERHEAD UTILITY LINE.
- 117 PROTECT EXISTING UNDERGROUND FIBER OPTIC LINE.
- 120 SAWCUT WORK LIMITS INSIDE, OR ALONG EXISTING CONCRETE JOINTS OR WORK LIMITS. REMOVE EXISTING AC PAVEMENT, CONCRETE WALK, PAVERS AND CURB.
- 127 PACIFIC POWER AND EPUD TO COORDINATE WITH CONTRACTOR TO REMOVE UTILITY POLE (PPL 20-03 POLE INVENTORY #284206), ELECTRICAL JUNCTION BOX, AND ANCHOR. RELOCATE ELECTRIC CONDUITS AS NEEDED.
- 128 PACIFIC POWER AND EPUD TO COORDINATE WITH CONTRACTOR TO RELOCATE UTILITY POLE AND ANCHOR (POLE INVENTORY #284109) AND RELOCATE ELECTRIC CONDUITS AS NEEDED.
- 129 REMOVE "NO PARKING" SIGN AND RETURN TO THE CITY OF COTTAGE GROVE.



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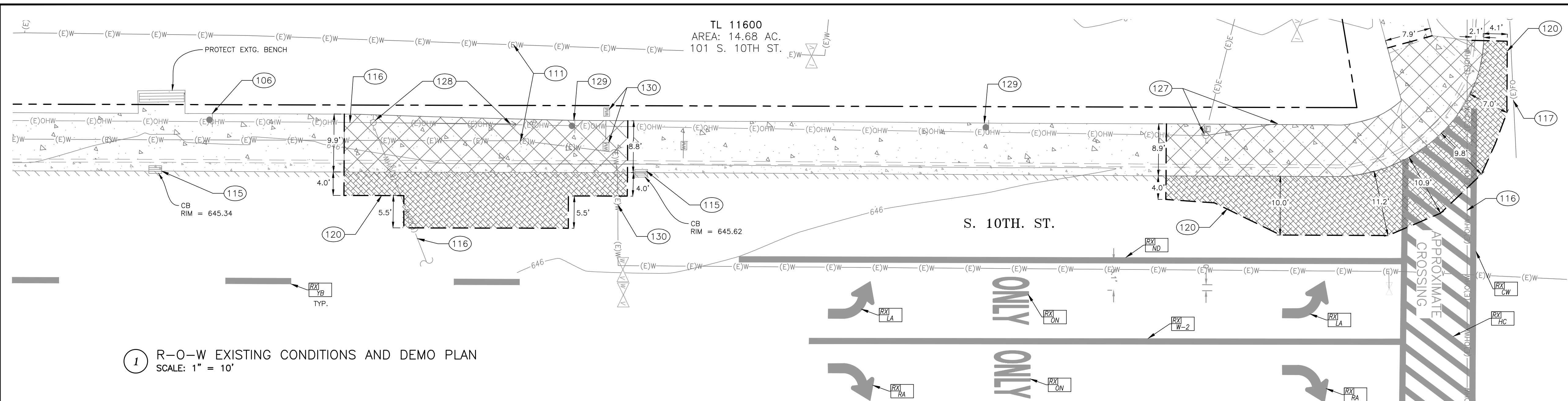
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 #627806  
 OREGON  
 JULY 13, 2006  
**DAMIEN GILBERT**  
 EXPIRES: JUNE 30, 2025

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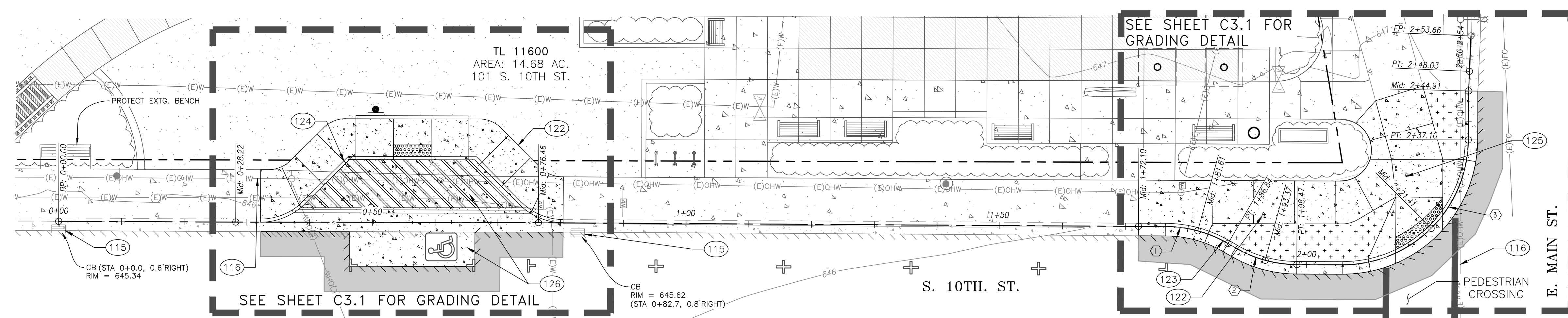
REVISIONS:		
No.	DESCRIPTION	DATE

**CITY OF COTTAGE GROVE  
 BOHEMIA PARK EXPANSION**

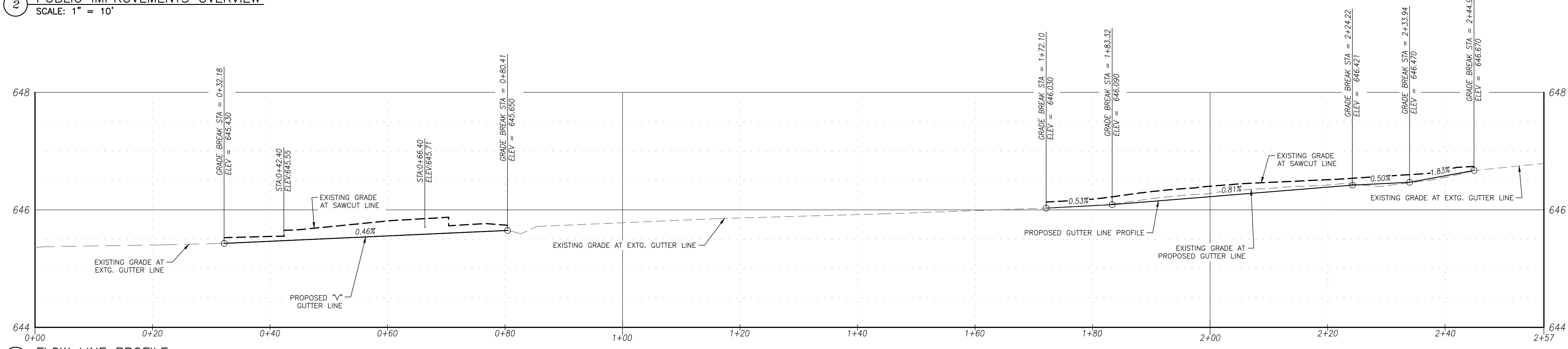
EXISTING CONDITIONS AND DEMO PLAN		Sheet No. <b>C1.0</b>
DRAWN BY: ZZ	CHECKED BY: DG	DATE: 09/11/23
JOB No.		22-001K



1 R-O-W EXISTING CONDITIONS AND DEMO PLAN  
SCALE: 1" = 10'



2 PUBLIC IMPROVEMENTS OVERVIEW  
SCALE: 1" = 10'



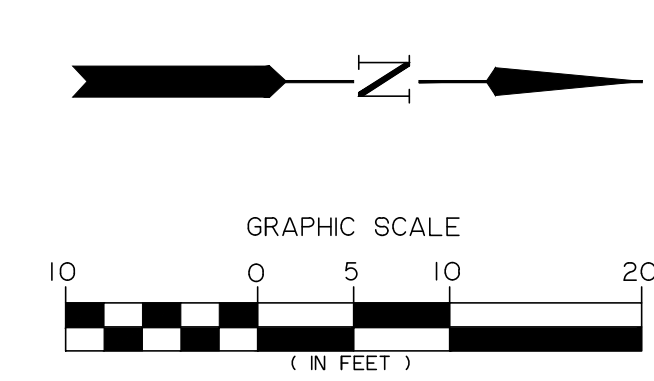
3 FLOW LINE PROFILE  
HORIZONTAL SCALE: 1" = 10', VERTICAL SCALE: 1" = 1'

- ### CONSTRUCTION NOTES
- 106 PROTECT EXTG. SIGN.
  - 111 PROTECT EXISTING WATER LINE.
  - 115 PROTECT EXISTING CATCH BASIN. INSTALL SEDIMENT PROTECTION AT EXISTING CATCH BASIN.
  - 116 PROTECT EXISTING OVERHEAD UTILITY LINE.
  - 117 PROTECT EXISTING UNDERGROUND FIBER OPTIC LINE.
  - 120 SAWCUT WORK LIMITS INSIDE, OR ALONG EXISTING CONCRETE JOINTS OR WORK LIMITS. REMOVE EXISTING AC PAVEMENT, CONCRETE WALK, PAVERS AND CURB.
  - 122 CONSTRUCT CONCRETE SIDEWALK PER CITY OF COTTAGE GROVE STANDARD DRAWING 216A AND DETAIL 1 ON SHEET C4.0.
  - 123 CONSTRUCT CURB AND GUTTER PER CITY OF COTTAGE GROVE STANDARD DRAWING R0700 ON SHEET C4.1.
  - 124 CONSTRUCT STANDARD CURB PER CITY OF COTTAGE GROVE STANDARD DRAWING RD700 ON SHEET C4.1
  - 125 CONSTRUCT ADA CURB RAMP PER ODOT STANDARD DRAWING RD913 ON SHEET C4.1 & DETAIL 2 ON SHEET 3.1.
  - 126 CONSTRUCT ON-STREET ADA PARKING AND AISLE PER DETAIL 1 ON SHEET C3.1.
  - 127 PACIFIC POWER AND EPUD TO COORDINATE WITH CONTRACTOR TO REMOVE UTILITY POLE (PPL 20-03 POLE INVENTORY #284206) AND RELOCATE ELECTRIC CONDUITS AS NEEDED.
  - 128 PACIFIC POWER AND EPUD TO COORDINATE WITH CONTRACTOR TO RELOCATE UTILITY POLE AND ANCHOR (POLE INVENTORY #284109) AND RELOCATE ELECTRIC CONDUITS AS NEEDED.
  - 129 REMOVE SIGN AND RETURN TO THE CITY OF COTTAGE GROVE.
  - 130 PROTECT EXTG. UTILITY. ADJUST BOX TO FINISHED GRADE AS NEEDED.
  - PXL T REMOVE STRIPING (T=TYPE) USING AN APPROVED METHOD PER CURRENT ODOT STANDARD SPECIFICATIONS.

- ### GENERAL CONSTRUCTION NOTES
1. CONCRETE FINISH TO MATCH EXISTING, OR, AS DIRECTED BY OWNER.
  2. ITEMS SHOWN TO REMAIN (CATCH BASIN, MANHOLE) TO BE PROTECTED DURING WORK BY CONTRACTOR.

- ### ADDITIONAL NOTES
1. VERIFY INTEGRITY OF EXISTING UTILITY PIPES PRIOR TO NEW CONCRETE INSTALLATION.
  2. CONTRACTOR TO PROVIDE TRAFFIC CONTROL PLAN FOR E. MAIN AVENUE AND S. 10TH STREET DURING CONSTRUCTION.
  3. CALL ONE NUMBER 1-800-332-2344 FOR UTILITY LOCATIONS 48 HOURS BEFORE YOU DIG.
- ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THESE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAIN OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT 503-223-1967.

① CURB RETURN DATA	② CURB RETURN DATA	③ CURB RETURN DATA
Δ 34°59'13"	Δ 29°59'13"	Δ 89°54'58"
R 20.0'	R 19.5'	R 20.0'
L 10.48'	L 10.21'	L 31.39'
P.C. 1+76.36	P.C. 1+88.26	P.C. 2+05.77
P.T. 1+86.84	P.T. 1+98.47	P.T. 2+37.10'
CHORD LENGTH 10.35'	CHORD LENGTH 10.09'	CHORD LENGTH 28.26'
CHORD BEARING N15°12'59"E	CHORD BEARING N15°12'59"E	CHORD BEARING N44°44'06"W



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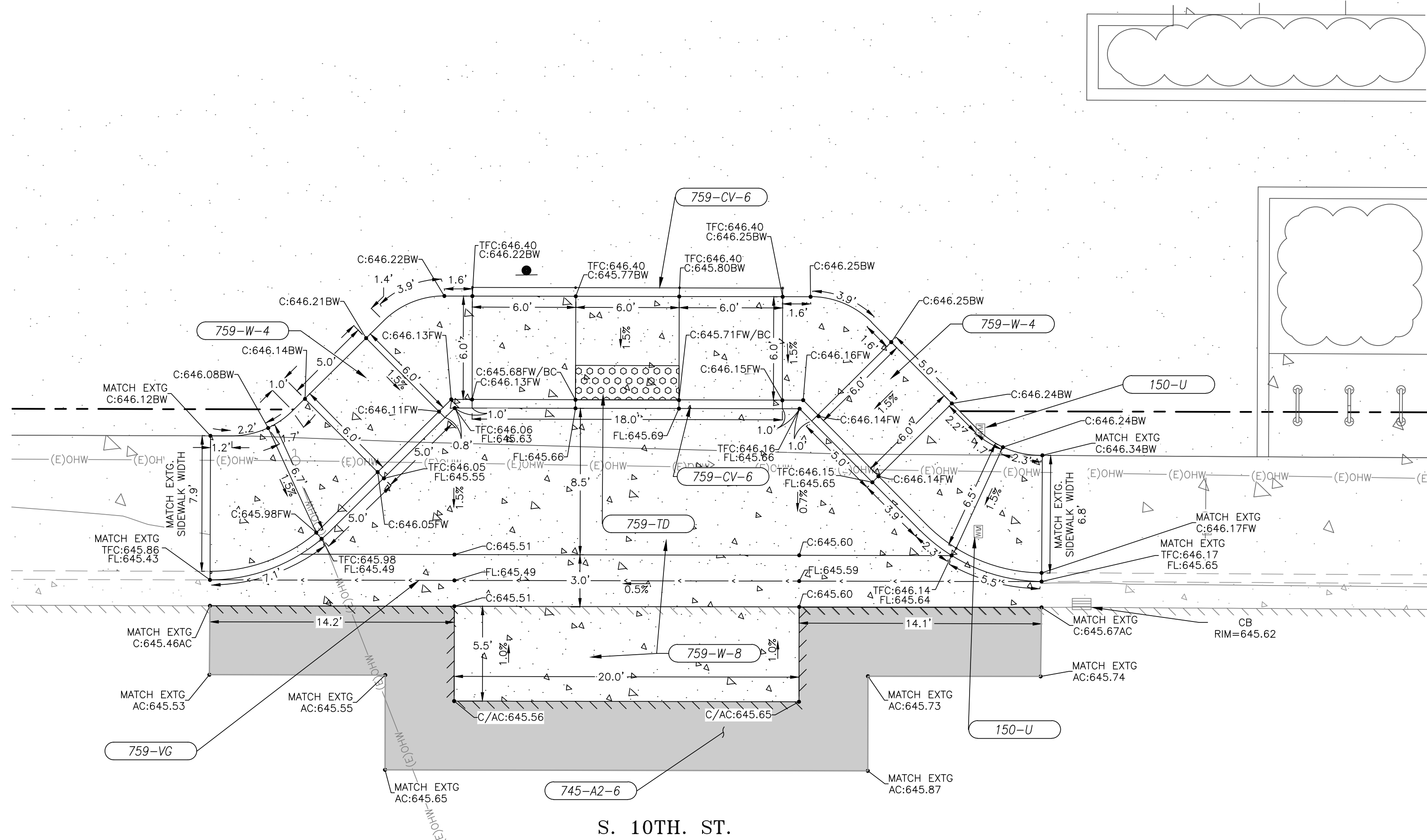
**CITY OF COTTAGE GROVE BOHEMIA PARK EXPANSION**

PUBLIC IMPROVEMENTS PLAN

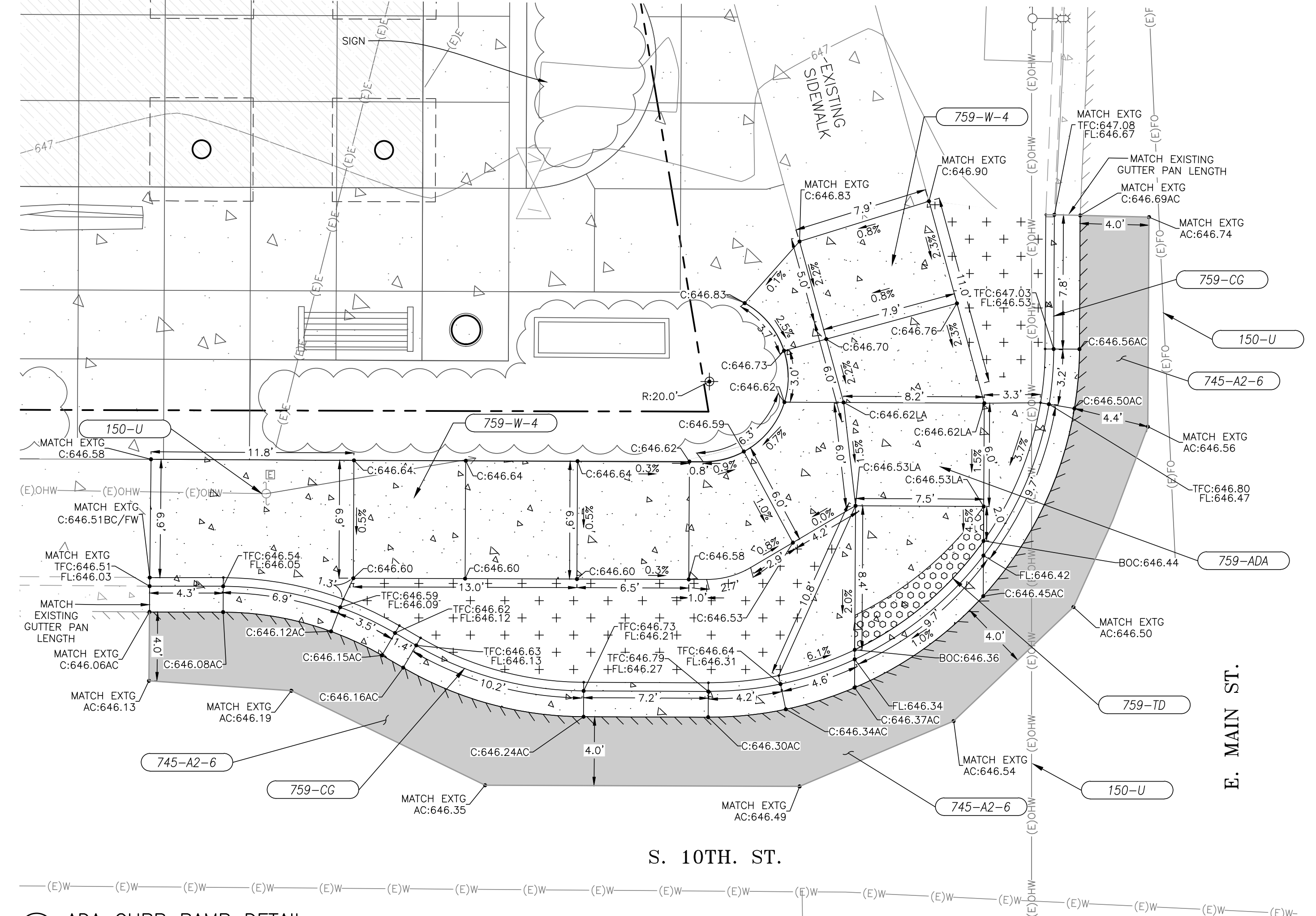
Sheet No. **C3.0**

DRAWN BY: ZZ      CHECKED BY: DG      DATE: 09/01/23

JOB No. 22-001K



1 ON-STREET ADA PARKING DETAIL  
SCALE: 1" = 5'



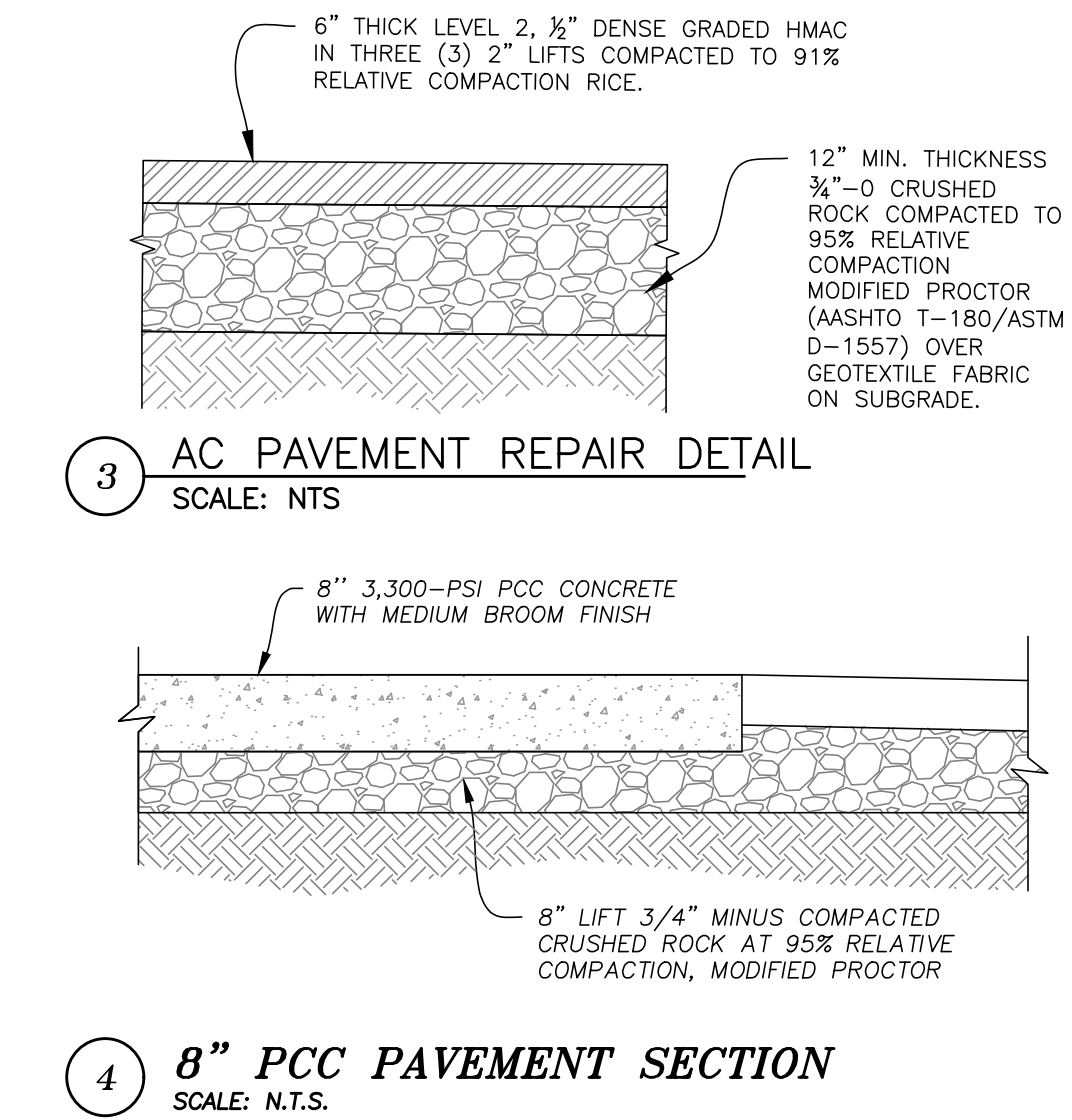
2 ADA CURB RAMP DETAIL  
SCALE: 1" = 5'

**CONSTRUCTION NOTES**

- 150-U PROTECT EXISTING UTILITY. ADJUST BOX TO FINISHED GRADE AS NEEDED.
- 745-A2-6 CONSTRUCT 6" LEVEL 2, 1/2" DENSE HMAC OR MATCH EXISTING AC DEPTH, SEE DETAIL 3 ON THIS SHEET
- 759-ADA CONSTRUCT ADA RAMP PER DETAIL DWG 913, SHEET C4.1. MODIFIED PER DETAIL 2 SHOWN ON THIS SHEET. CONTRACTOR TO HAVE CITY INSPECTOR APPROVE FORMS PRIOR TO POURING CONCRETE.
- 759-W-4 CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER 6" THICK 3/4"-0 CRUSHED ROCK PER DETAIL 1 AND CITY OF COTTAGE GROVE STD. DWG. NO. 216A, SHEET C4.0.
- 759-W-8 CONSTRUCT 8" THICK CONCRETE SIDEWALK OVER 8" THICK 3/4"-0 CRUSHED ROCK PER DETAIL 4 ON THIS SHEET.
- 759-TD INSTALL TRUNCATED DOME TEXTURING PER DETAIL DRAWING RD902 AND RD905, SHEET C4.1.
- 759-CG CONSTRUCT CURB AND GUTTER PER CITY OF COTTAGE GROVE STD. DWG. RD700 ON SHEET C4.1. GUTTER SLOPE DIRECTLY IN FRONT OF ADA RAMP SHALL NOT EXCEED 2%. COUNTER SLOPE OF GUTTER IN FRONT OF ADA RAMP SHALL NOT EXCEED 4%.
- 759-CV-6 CONSTRUCT 6" CONCRETE CURB, EXPOSURE VARIES PER GRADE SHOTS AS SHOWN. SEE COTTAGE GROVE STD. DWG. RD 700 ON SHEET C4.1.
- 759-VG CONSTRUCT SYMMETRICAL "V" TYPE GUTTER PER CITY OF COTTAGE GROVE DETAIL NO. 202 ON SHEET C4.3, MODIFIED FOR ADA COMPLIANCE.

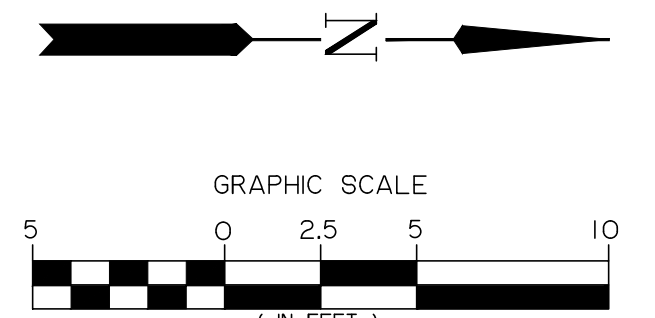
**LEGEND**

<b>EXISTING</b>		— — — — — APPROXIMATE PROPERTY LINE			WATER VALVE
= = = = = CURB		= = = = = CURB			IRRIGATION VALVE
/ / / / / EDGE OF ASPHALT		/ / / / / EDGE OF ASPHALT			WATER METER
- - - - - 647 CONTOUR LINE		- - - - - CONTOUR LINE			CATCH BASIN
- (E)OHW OVERHEAD WIRES		- (E)OHW OVERHEAD WIRES			POWER POLE
- IRR WATER LINE		- IRR WATER LINE			POWER POLE /w ARM
- (E)FO FIBER OPTIC LINE		- (E)FO FIBER OPTIC LINE			GUY ANCHOR
		CONCRETE			SIGN
		LANDSCAPE			LIGHT POLE
<b>PROPOSED</b>		CONCRETE			
		ASPHALT			
		EDGE OF ASPHALT			
		CURB			
		CONCRETE "V" GUTTER			
		TRUNCATED DOMES			
		SIGN			
		LANDSCAPE			



3 AC PAVEMENT REPAIR DETAIL  
SCALE: N.T.S.

4 8" PCC PAVEMENT SECTION  
SCALE: N.T.S.



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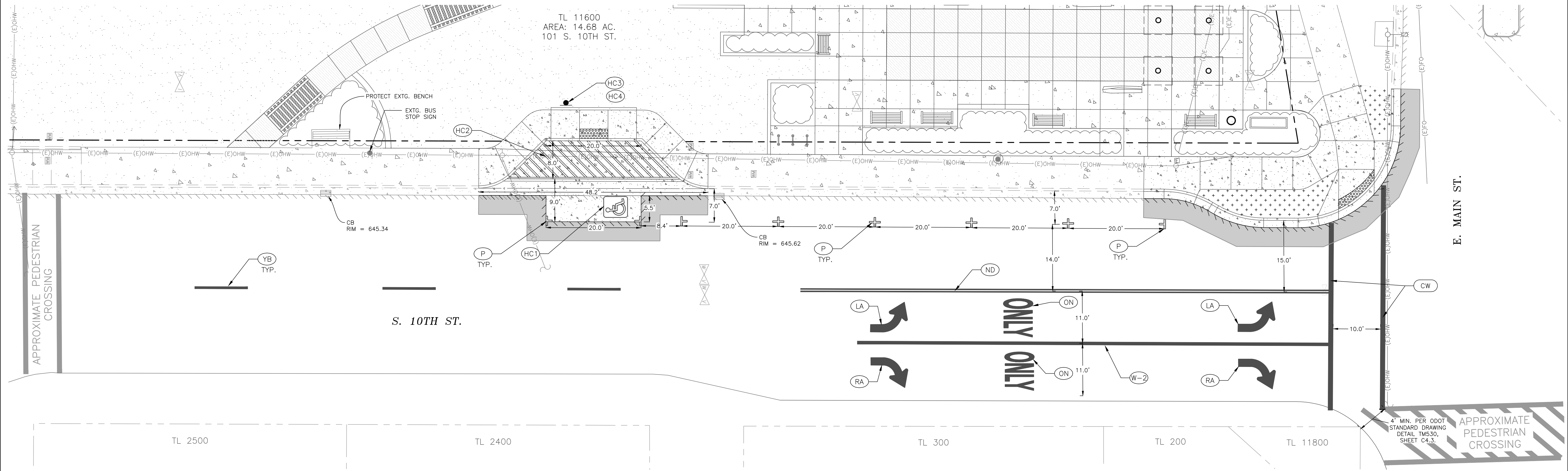
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**CITY OF COTTAGE GROVE  
BOHEMIA PARK EXPANSION**

ADA CURB RAMP  
AND ON-STREET PARKING  
CONSTRUCTION PLAN

Sheet No. **C3.1**

DRAWN BY: ZZ CHECKED BY: DG DATE: 08/16/23 JOB No. 22-001K



**CONSTRUCTION NOTES**

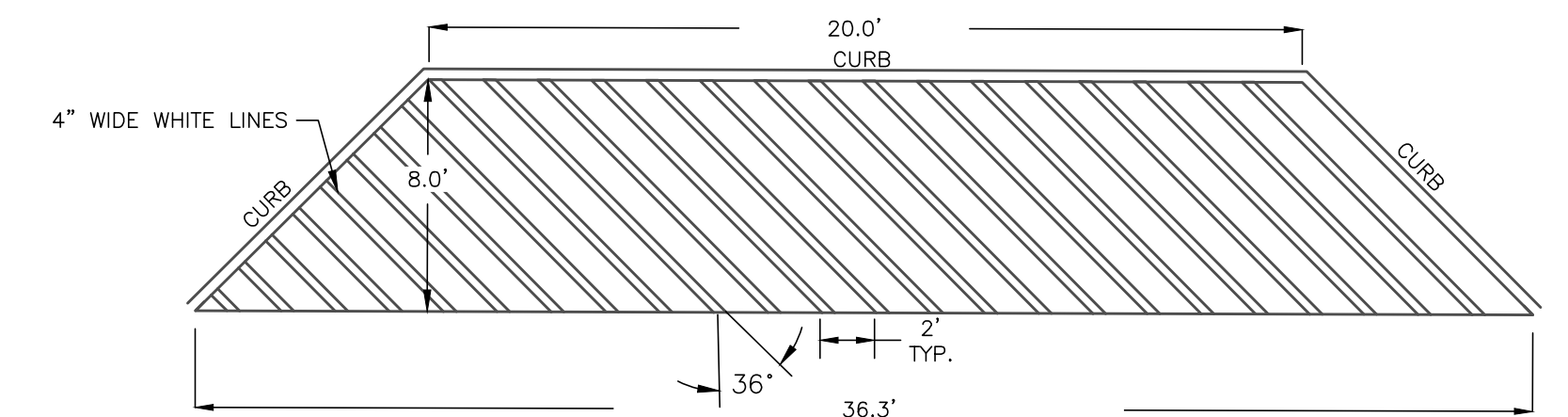
- (P) CONSTRUCT ON-STREET PARKING PAVEMENT MARKINGS PER DETAIL TM503, SHEET C4.2.
- (HC1) INSTALL WHITE RETROREFLECTIVE PAVEMENT STENCIL PER FIGURE 6 SHOWN ON SHEET C4.2.
- (HC2) INSTALL WHITE RETROREFLECTIVE LINES PER DETAIL 1 SHOWN ON THIS SHEET.
- (HC3) INSTALL VAN-ACCESSIBLE HANDICAP SIGN PER DETAIL 1 ON SHEET C4.2.
- (HC4) CONSTRUCT SIGN POST BASE AND MOUNTING PER CITY OF COTTAGE GROVE DETAIL NO. 502 SHOWN ON SHEET C4.0.
- (CW) CONSTRUCT STANDARD CROSSWALK MARKINGS, 12" WHITE BARS PER ODOT STANDARD DRAWING TM503, DETAIL SHEET C4.2. MATERIAL SHALL BE THERMOPLASTIC TYPE B-HS.
- (LA) CONSTRUCT LEFT TURN MARKING PER ODOT STANDARD DRAWING TM501, SHEET C4.2. MATERIAL SHALL BE THERMOPLASTIC.
- (RA) CONSTRUCT RIGHT TURN MARKING PER ODOT STANDARD DRAWING TM501, SHEET C4.2. MATERIAL SHALL BE THERMOPLASTIC.
- (ON) CONSTRUCT PAVEMENT MARKING PER ODOT STANDARD DRAWING TM503, SHEET C4.2. MATERIAL SHALL BE THERMOPLASTIC.
- (YB) CONSTRUCT 4" YELLOW BROKEN LINE MARKING PER ODOT STANDARD DRAWING TM500, SHEET C4.2. MATERIAL SHALL BE THERMOPLASTIC.
- (W-2) CONSTRUCT WHITE LINE MARKING PER ODOT STANDARD DRAWING TM500, SHEET C4.2. MATERIAL SHALL BE THERMOPLASTIC.
- (ND) CONSTRUCT NARROW DOUBLE NO-PASS TWO 4" YELLOW LINES MARKING PER ODOT STANDARD DRAWING TM500, SHEET C4.2. MATERIAL SHALL BE THERMOPLASTIC.

**GENERAL CONSTRUCTION NOTES**

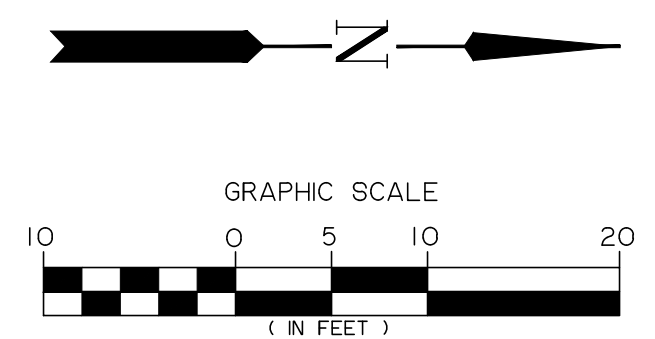
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**ADDITIONAL NOTES**

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1 ADA PARKING AISLE STRIPING DETAIL  
SCALE: N.T.S.



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**CITY OF COTTAGE GROVE BOHEMIA PARK EXPANSION**

**ON-STREET PARKING AND STRIPING PLAN**

Sheet No. **C3.2**  
JOB No. 22-001K

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