

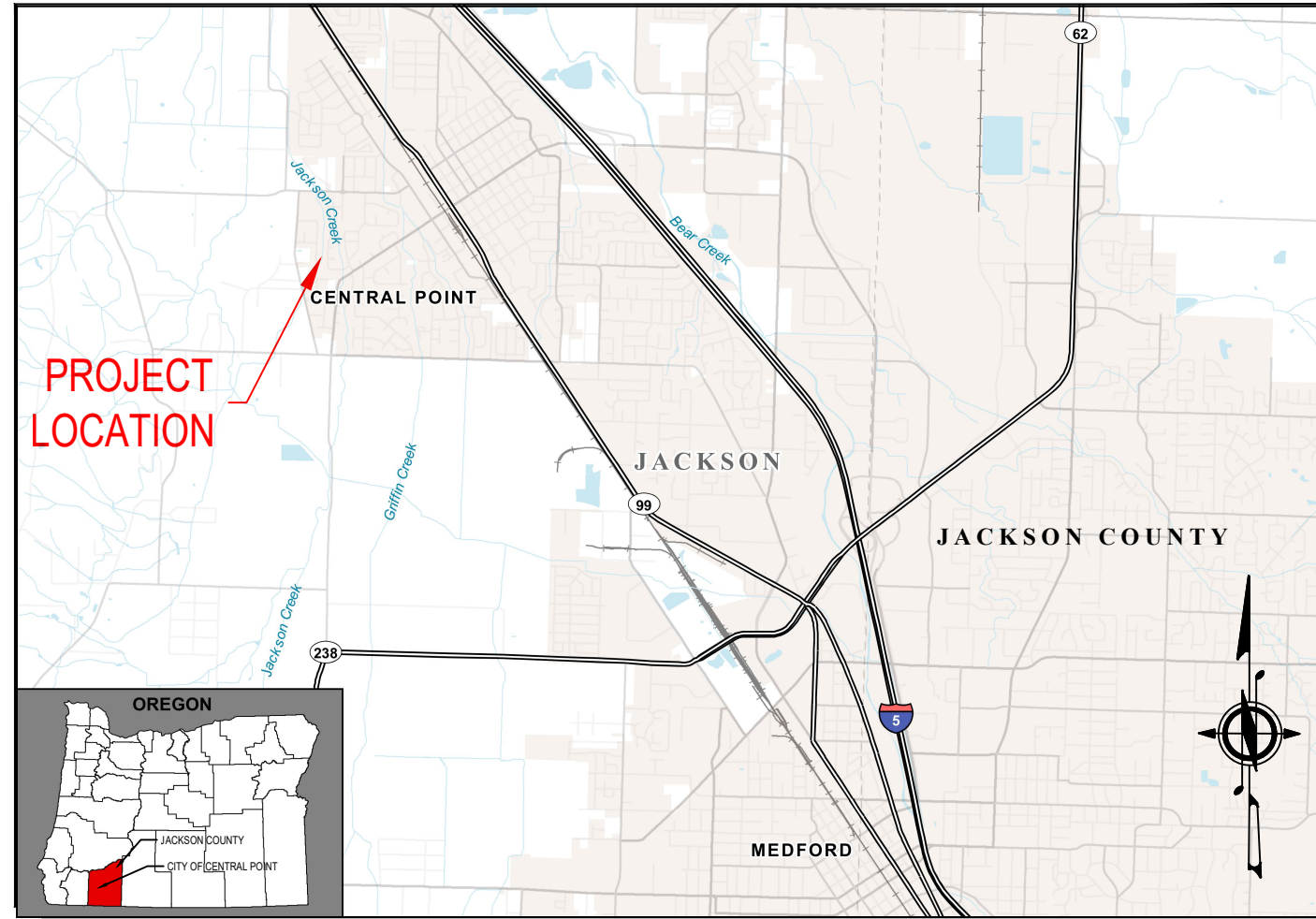


CITY OF CENTRAL POINT

HORN CREEK CHANNEL IMPROVEMENTS

SUMMER 2022

PROJECT VICINITY MAP



PROJECT LOCATION MAP



DRAWING INDEX

SHEET NO.	SHEET TITLE	DWG NO.
01	COVER	COV
02	GENERAL NOTES 1	G01
03	PLAN AND PROFILE STA. 11+50 THROUGH 13+75	C01
04	CROSS SECTIONS 1165 THROUGH 1375	C02
05	DETAILS 01	D01

CALL 48 HOURS BEFORE YOU DIG ONE CALL 811

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 AT 503-232-1978

REPORT SPILLS

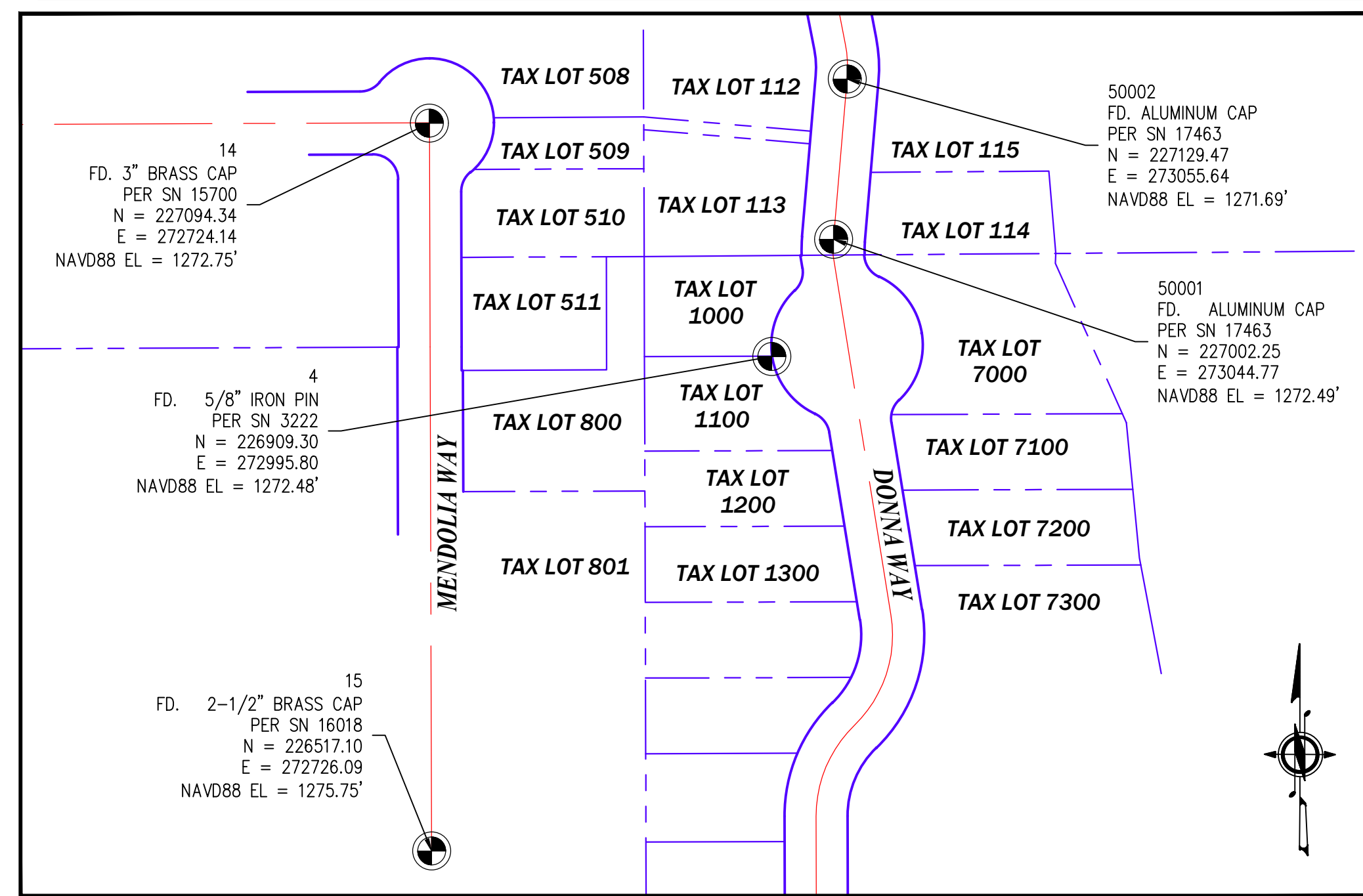
ATTENTION: OREGON LAW REQUIRES THAT SPILLS BE REPORTED TO THE FOLLOWING ENTITIES:

OREGON EMERGENCY RESPONSE SYSTEM: 1-800-452-0311
THE NATIONAL RESPONSE CENTER: 1-800-424-8802

CONTACT PERSONNEL

CONTACT	AGENCY	PHONE
DAVID NICHOLS, P.E. (PROJECT MANAGER)	RH2 ENGINEERING	(503) 446-5949
GREG GRAVES	CITY OF CENTRAL POINT	(541) 664-3321 x225
NICK BAKKE	RVSS	(541) 665-6300
RYLAN WOOD	PACIFIC POWER	(541) 858-3204
BRIAN HAMSON	ROGUE RIVER VALLEY IRRIGATION DISTRICT	(541) 773-6127

SURVEY MONUMENTS AND CONTROL POINTS



SECTION AND DETAIL REFERENCES

THE FOLLOWING CONVENTIONS HAVE BEEN USED WITHIN THESE DRAWINGS TO REFER THE READER BETWEEN THE SECTION/DETAIL AND THE PLAN FROM WHICH IT IS REFERENCED.

REFERENCE BUBBLES

PLAN REFERENCE BUBBLE - REFERS READER BACK TO THE PLAN FROM WHICH THE DETAIL OR SECTION ORIGINATED.

DETAIL/SECTION REFERENCE BUBBLE - REFERS READER TO THE DRAWING ON WHICH THE DETAIL OR SECTION IS LOCATED.

WHERE, ID = SECTION/DETAIL REFERENCE NUMBER
= DRAWING NUMBER ON WHICH DETAIL ORIGINATED OR RESIDES.

SECTION/DETAIL REFERENCE NUMBER CONVENTIONS:
SECTIONS OR ELEVATIONS SHOULD HAVE A LETTER REFERENCE NUMBER (A THROUGH ZZ).



GENERAL NOTES

PROJECT INFORMATION

PROJECT SITE:
HORN CREEK. TAX LOTS 113, 800, 510, 1000 AND 1100, CENTRAL POINT, OR
OWNER:
CITY OF CENTRAL POINT
CITY OF CENTRAL POINT PUBLIC WORKS DEPARTMENT
140 S 3RD STREET, CENTRAL POINT, OR 97502
ENGINEER:
RH2 ENGINEERING, INC.
3553 ARROWHEAD DR. STE. 200, MEDFORD OR 97504

CRITERIA

- CONSTRUCTION OF ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH CITY OF CENTRAL POINT STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS, AND THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, LATEST EDITION, AS ISSUED BY THE OREGON STATE DEPARTMENT OF TRANSPORTATION AND THE AMERICAN PUBLIC WORKS ASSOCIATION.
- ALL BUILDING MATERIALS, WORKMANSHIP, DESIGN AND CONSTRUCTION SHALL CONFORM TO THESE DRAWINGS, SPECIFICATIONS, AND OREGON SPECIALTY CODES, LATEST EDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE PROVISIONS OF ALL APPLICABLE PERMITS AND APPROVALS ISSUED BY THE CITY OF CENTRAL POINT AND OTHER REGULATORY AUTHORITIES FOR THIS PROJECT.

REFERENCES

- SURVEY: A TOPOGRAPHICAL SURVEY WAS PREPARED FOR THIS PROJECT BY NEATHAMMER SURVEYING, LLC. SEE SURVEY INFORMATION THIS SHEET.
- GEOTECHNICAL: NO GEOTECHNICAL REPORT WAS PREPARED FOR THIS PROJECT.

GENERAL CONSTRUCTION

- A COPY OF THE APPROVED PLANS AND SPECIFICATIONS MUST BE ON-SITE WHENEVER CONSTRUCTION IS IN PROGRESS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY OTHER REQUIRED OR RELATED PERMITS PRIOR TO BEGINNING CONSTRUCTION.
- IN THE EVENT THAT STANDARD CONSTRUCTION NOTES ARE FOUND TO BE IN CONFLICT WITH PROJECT SPECIFIC NOTES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. WHERE CONFLICTS ARISE, THE CONTRACTOR SHALL ASSUME THAT THE MORE RESTRICTIVE CONDITION SHALL APPLY.
- THE CITY PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED AT LEAST 2 WORKING DAYS PRIOR TO COMMENCING ANY PROJECT CONSTRUCTION.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE PRE-QUALIFIED, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL NOT PERFORM WORK WITHOUT AGENCY INSPECTIONS WHERE INSPECTIONS ARE REQUIRED.
- REQUESTS BY THE CONTRACTOR FOR CHANGES TO THE PLANS MUST BE APPROVED BY RH2 ENGINEERING, INC. BEFORE CHANGES ARE IMPLEMENTED.
- WHEN PERFORMING EXCAVATIONS, THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ORS 757.541 TO 757.571, WHICH INCLUDE REQUIREMENTS THAT THE CONTRACTOR HAND-EXPOSE (POTHOLE) UNDERGROUND FACILITIES AND USE REASONABLE CARE TO AVOID DAMAGING THEM.

GENERAL NOTES

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR.
- A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM ADVANCE NOTIFICATION TO THE OWNER, ENGINEER, AND ALL AFFECTED UTILITY COMPANIES PRIOR TO ACTUAL START OF WORK.
- CONSTRUCTION STAKING SHALL BE PERFORMED A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION BY A SURVEYOR HOLDING A VALID PROFESSIONAL LAND SURVEYING LICENSE ISSUED BY THE STATE OF OREGON.
- PROTECTION OF THE ENVIRONMENT: NO CONSTRUCTION RELATED ACTIVITY SHALL CONTRIBUTE TO THE DEGRADATION OF THE ENVIRONMENT, ALLOW MATERIAL TO ENTER SURFACE OR GROUND WATERS, OR ALLOW PARTICULATE EMISSIONS TO THE ATMOSPHERE, WHICH EXCEED LOCAL, STATE, OR FEDERAL STANDARDS. ANY ACTIONS THAT POTENTIALLY ALLOW DISCHARGE TO STATE WATERS MUST HAVE PRIOR APPROVAL.
- UNLESS OTHERWISE NOTED, ALL TREES, STRUCTURES, UTILITIES, EQUIPMENT, AND ALL OTHER ITEMS NOT INDICATED TO BE DISCONNECTED AND/OR REMOVED SHALL REMAIN AND BE PROTECTED.
- AN AS-BUILT SURVEY OF THE PROJECT SHALL BE SUBMITTED PRIOR TO FINAL INSPECTION.

SITE

- CONTRACTOR SHALL PREPARE A CHANNEL BY-PASS PLAN FOR SEQUENCING OF CHANNEL IMPROVEMENTS. THE BY-PASS PLAN SHALL BE SUBMITTED TO THE OWNER AND PROJECT ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK ON THE PROJECT.
- CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE OWNER AND ADJACENT PROPERTY OWNERS FOR STORAGE OF MATERIALS AND EQUIPMENT.
- DO NOT DISTURB ANY AREAS OUTSIDE OF CONSTRUCTION LIMITS.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING INTEGRITY AND SECURITY OF SITE TO DISCOURAGE ACCESS BY UNAUTHORIZED PERSONNEL.
- CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EXISTING OR BETTER CONDITION UNLESS OTHERWISE STATED ON THE PLANS.
- ALL VEHICLES ARE TO BE CLEANED OF ALL EXCESS CONCRETE AND DIRT PRIOR TO LEAVING THE SITE. PROTECT ALL ROADS FROM DAMAGE OR SEDIMENT TRANSPORT DURING CONSTRUCTION. ANY DAMAGE OR CLEANUP SHALL BE SOLELY AT THE CONTRACTOR'S EXPENSE AND BE COMPLETED TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL CLEANUP ALL AREAS AFFECTED BY HIS ACTIVITIES TO THE SATISFACTION OF THE OWNER BY THE END OF EACH WORKING DAY OR MORE FREQUENTLY IF REQUIRED BY THE OWNER. THIS INCLUDES REMOVAL OF ALL DUST, MUD, ROCKS, ASPHALT DEBRIS, AND REFUSE FROM STREETS, SIDEWALKS, DRIVEWAYS, AND ANY OTHER AREAS AFFECTED BY CONSTRUCTION ACTIVITIES. FAILURE TO CLEANUP TO THE SATISFACTION OF THE OWNER WILL NECESSITATE A SHUTDOWN OF THE PROJECT UNTIL CLEANUP IS PROPERLY PERFORMED. DAILY CLEANUP IS AN INTEGRAL PART OF EROSION AND POLLUTION CONTROL.

SITE (CONTINUED)

- CONTRACTOR IS SOLELY RESPONSIBLE FOR MEETING ALL DISPOSAL REQUIREMENTS INCLUDING OFF SITE DISPOSAL OF WASTE MATERIAL AT APPROVED SITES.
- THE OWNER WILL AT THEIR DISCRETION, PERIODICALLY INSPECT TEMPORARY RESTORATION. IF TEMPORARY RESTORATION DOES NOT PROVIDE AN ADEQUATE DRIVING SURFACE, AS DETERMINED BY THE OWNER, THEN THE CONTRACTOR SHALL IMMEDIATELY PROCEED WITH THE PERMANENT RESTORATION AS DESCRIBED IN THE SPECIFICATIONS.

UTILITIES

- UTILITY LOCATIONS SHOWN HEREON ARE BASED UPON AS-BUILT FIELD LOCATION OF EXISTING STRUCTURES. OTHER UTILITIES OR DEVIATIONS FROM THESE PLANS MAY EXIST. NO SUB-SURFACE EXPLORATION WAS MADE TO VERIFY UTILITY ROUTINGS AND THE ROUTING OF ALL BURIED UTILITIES SHOULD BE CONFIRMED WITH THE UTILITY PURVEYOR AND EXPOSED IN AREAS CRITICAL TO CONSTRUCTION FOR VERIFICATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES PRIOR TO CONSTRUCTION OF ANY EARTHWORK OR OTHER ACTIVITIES WHICH COULD POTENTIALLY DAMAGE EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY OREGON UTILITY NOTIFICATION CENTER AT AND THE CITY OF CENTRAL POINT PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY AND THE UTILITY COMPANY WHEN A CONFLICT OCCURS OR WHEN A CONFLICT IS ANTICIPATED.
- OVERHEAD UTILITIES: NOT ALL OVERHEAD UTILITIES MAY BE SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE TO INDEPENDENTLY VERIFY ALL OVERHEAD UTILITIES. THE CONTRACTOR SHALL ACCOUNT FOR ACCOMMODATING ALL OVERHEAD UTILITIES IN THEIR BID AND NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR FACILITATING OVERHEAD UTILITIES.
- EXISTING WATER AND POWER FACILITIES MAY NOT BE SHUT DOWN FOR ANY PERIOD WITHOUT PRIOR APPROVAL FROM OWNER. A MINIMUM OF ONE WEEK NOTICE TO THE OWNER IS REQUIRED FOR ANY SHUT DOWN. THE CONTRACTOR SHALL NOT OPERATE EXISTING WATER, SEWER, OR POWER SYSTEM EQUIPMENT (VALVES, SWITCHES, ETC.).
- THE CONTRACTOR SHALL NOTIFY FRANCHISE OFFICIAL, A MINIMUM OF 48 HOURS IN ADVANCE OF ANY PLANNED DISRUPTION TO UTILITIES INCLUDING, BUT NOT LIMITED TO WATER, SEWER, NATURAL GAS, IRRIGATION, TELEPHONE, POWER, CABLE AND FIBER OPTICS.

- ALL UTILITY CONSTRUCTION SHALL COMPLY WITH THE OREGON DEPARTMENT OF TRANSPORTATION AND UTILITY FRANCHISE STANDARDS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES AND STRUCTURES AND SHALL PROVIDE SHORING AND SUPPORT AS NECESSARY.
- AT POINTS WHERE EXISTING THRUST BLOCKING IS FOUND, MINIMUM HORIZONTAL CLEARANCE BETWEEN THE CONCRETE BLOCKING AND OTHER BURIED UTILITIES OR STRUCTURES SHALL BE 5 FEET.

DEMOLITION NOTES

- ALL TREES, STRUCTURES, UTILITIES, EQUIPMENT, AND ALL OTHER ITEMS NOT INDICATED TO BE DISCONNECTED AND/OR REMOVED SHALL REMAIN AND BE PROTECTED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL REMOVE ALL COMPONENTS SHOWN TO BE DEMOLISHED IN THEIR ENTIRETY, AND SHALL PROPERLY DISPOSE OF ALL REMOVED ITEMS.

TRAFFIC CONTROL

- THE CONTRACTOR SHALL PREPARE A WRITTEN AND DRAWN TCP WHICH SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE IN ACCORDANCE WITH SECTION 00221 OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL SAFEGUARD THE PERSONS AND PROPERTY OF THE TRAVELING PUBLIC. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ERECTING AND MAINTAINING TRAFFIC CONTROL THROUGHOUT THE PROJECT DURATION IN ACCORDANCE WITH THE APPROVED TCP. ALL TRAFFIC CONTROL DEVICES SHALL MEET MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES STANDARDS.
- CONTRACTOR SHALL PROVIDE FOR EMERGENCY VEHICLE ACCESS TO ALL PROPERTIES ADJACENT TO THE PROJECT SITE AT ALL TIMES.
- WHEN CONSTRUCTION ACTIVITIES BLOCK OR INTERFERE WITH NORMAL PEDESTRIAN ROUTING, PROVIDE SAFE PASSAGE FOR PEDESTRIANS EITHER THROUGH THE CONSTRUCTION, OR REROUTED AROUND THE CONSTRUCTION, UTILIZING ODOT STANDARD DRAWING TM844 AND THE REQUIREMENTS OF SUBSECTION 00220.02(B) OF THE STANDARD SPECIFICATIONS.

GENERAL TESC

- CONTRACTOR SHALL PREPARE A TESC PLAN FOR THE PROJECT. THE TESC PLAN SHALL BE SUBMITTED TO THE OWNER AND PROJECT ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK ON THE PROJECT.
- THE CONTRACTOR SHALL ADHERE TO ALL APPLICABLE EROSION CONTROL STANDARDS AND IS SOLELY RESPONSIBLE FOR IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF TESC FACILITIES AS REQUIRED TO PREVENT EROSION UNTIL ALL CONSTRUCTION IS APPROVED.
- IN THE EVENT OF ANY EROSION CONTROL MEASURE FAILURE, IMMEDIATE ACTION SHALL BE TAKEN TO REPAIR, REPLACE, OR IMPLEMENT ADDITIONAL MEASURES AS REQUIRED TO ENSURE ADEQUATE EROSION CONTROL PROTECTION.
- ANY DISCHARGE OF SEDIMENT-LADEN RUN-OFF OR OTHER POLLUTANTS TO WATERS OF THE STATE IS SUBJECT TO ENFORCEMENT ACTION, THE COST FOR WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- DURING CONSTRUCTION, ALL RELEASES OF OILS, HYDRAULIC FLUIDS, FUELS, OTHER PETROLEUM PRODUCTS, PAINTS, SOLVENTS, AND OTHER DELETERIOUS MATERIALS MUST BE CONTAINED AND REMOVED IN A MANNER THAT WILL PREVENT THEIR DISCHARGE TO WATERS AND SOILS. THE CLEANUP OF SPILLS SHALL TAKE PRECEDENCE OVER OTHER WORK ON THE PROJECT. BARRELS, PETROPHILIC PADS, TARPS, AND OTHER EQUIPMENT NECESSARY FOR CAPTURING, CONTROLLING, AND DISPOSING OF HAZARDOUS FLUIDS SHALL BE AVAILABLE ON-SITE AT ALL TIMES.
- PROPER EROSION AND SEDIMENT CONTROL PRACTICES MUST BE USED ON THE CONSTRUCTION SITE AND ADJACENT AREAS TO PREVENT SEDIMENTS FROM ENTERING THE NATURAL DRAINAGE SYSTEM. ALL SURFACE AREAS DISTURBED AND ANY EMBANKMENTS OR EXCAVATIONS CREATED BY CONSTRUCTION ACTIVITIES MUST BE REVEGETATED OR PROVIDED AN EQUIVALENT TYPE OF PROTECTION AGAINST EROSION.
- OWNER REPRESENTATIVES MAY DIRECT MAINTENANCE AND REPAIR OF TESC MEASURES AND/OR FACILITIES AS THE HIGHEST PRIORITY WORK AT ANY TIME THE TESC MEASURES AND/OR FACILITIES DO NOT MEET THE PERMIT, CITY, OR PLAN REQUIREMENTS.
- DUST CONTROL MUST BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL SWEEP TO REMOVE DUST AND DEBRIS FROM PAVEMENT AREAS AS DIRECTED BY THE OWNER'S REPRESENTATIVE. FLUSHING OF STREETS SHALL NOT BE PERMITTED WITHOUT PRIOR APPROVAL.

GENERAL TESC (CONTINUED)

- DURING THE CONSTRUCTION PERIOD, THE TESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL COVER MEASURES, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.) AS DIRECTED BY THE ENGINEER, OWNER, OR REGULATORY AGENCY. THE CONTRACTOR SHALL BE COGNIZANT OF FUTURE WEATHER PATTERNS AND PLAN ACCORDINGLY.
- CLEARING AND GRUBBING WHERE REQUIRED SHALL BE PERFORMED WITHIN THE CONSTRUCTION AREAS SHOWN ON THE PLANS. DEBRIS RESULTING FROM THE CLEARING AND GRUBBING SHALL BE DISPOSED OF BY THE CONTRACTOR AND IN ACCORDANCE WITH THE TERMS OF ALL APPLICABLE PERMITS.
- THE CONTRACTOR SHALL FENCE ALL VEGETATION TO BE RETAINED ON SITE TO THE DRIPLINE FOR TREES OR OUTER VEGETATION EDGE FOR SHRUBS. FENCING SHALL BE HIGH-VISIBILITY CONSTRUCTION FENCE TO BE RETAINED FOR THE DURATION OF THE CONSTRUCTION.
- TESC MATERIALS ON HAND – THE CONTRACTOR SHALL KEEP A SUFFICIENT SUPPLY OF TESC MATERIALS ON HAND TO REMEDY ANY FAILURE OF TESC BMP'S THAT IS DETRIMENTAL TO DOWNSTREAM OR ADJACENT DRAINAGE DITCHES, CONVEYANCE SYSTEMS, OR OTHER PROPERTIES. THESE MATERIALS INCLUDE, BUT ARE NOT LIMITED TO: SANDBAGS, SILT FENCE, EROSION CONTROL BLANKET, ROCK, STRAW OR MULCH.
- THE TESC FACILITIES SHALL BE INSPECTED AT LEAST WEEKLY BY THE CONTRACTOR'S TESC SUPERVISOR AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONING.
- ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR FOURTEEN CONSECUTIVE DAYS DURING THE WET SEASON OR THIRTY DAYS DURING THE DRY SEASON SHALL BE STABILIZED WITH THE APPROVED TESC METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).

EXISTING LEGEND

	MONUMENT		FENCE
	TELEPHONE PEDESTAL		WOOD FENCE
	TREE (DECIDUOUS)		TOPO DITCH
	TREE (CONIFER)		TOPO TOE OF SLOPE
	WATER LINE		TOPO TOP OF SLOPE
	STORM DRAIN CULVERT		WETLAND
	IRRIGATION LINE		CONCRETE
	PROPERTY LINE		
	MAJOR CONTOUR		
	MINOR CONTOUR		
	BUILDING EDGE		
	BUILDING DECK		
	BUILDING OVERHANG		

PROPOSED LEGEND

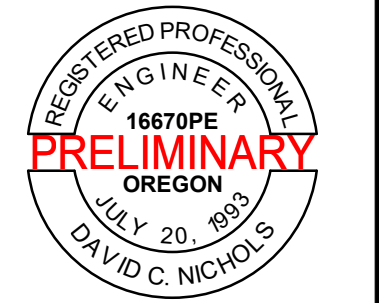
	CHANNEL CENTERLINE
	CHANNEL BOTTOM
	TOP OF SLOPE
	MAJOR CONTOUR
	MINOR CONTOUR

SURVEY NOTES

- SURVEY WAS COMPLETED BY NEATHAMER SURVEYING, INC NOVEMBER 23, 2021.
- BASIS OF BEARING: GEODETIC NORTH REFERENCED TO THE NAD83 2011 (EPOCH 2010.00) DATUM. VERTICAL DATUM IS NAVD88.
- UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD LOCATIONS MARKED BY OTHERS. PHYSICAL FEATURES AT GROUND LEVEL AND RECORD INFORMATION FROM OTHERS.

ABBREVIATIONS

BOC	BOTTOM OF CHANNEL
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
EP	EDGE OF PAVEMENT
HDPE	HIGH DENSITY POLYETHYLENE PIPE
PVC	POLYVINYL CHLORIDE PIPE
RCP	RE-ENFORCED CONCRETE PIPE
WBF	WOOD BOARD FENCE
WV	WATER VALVE



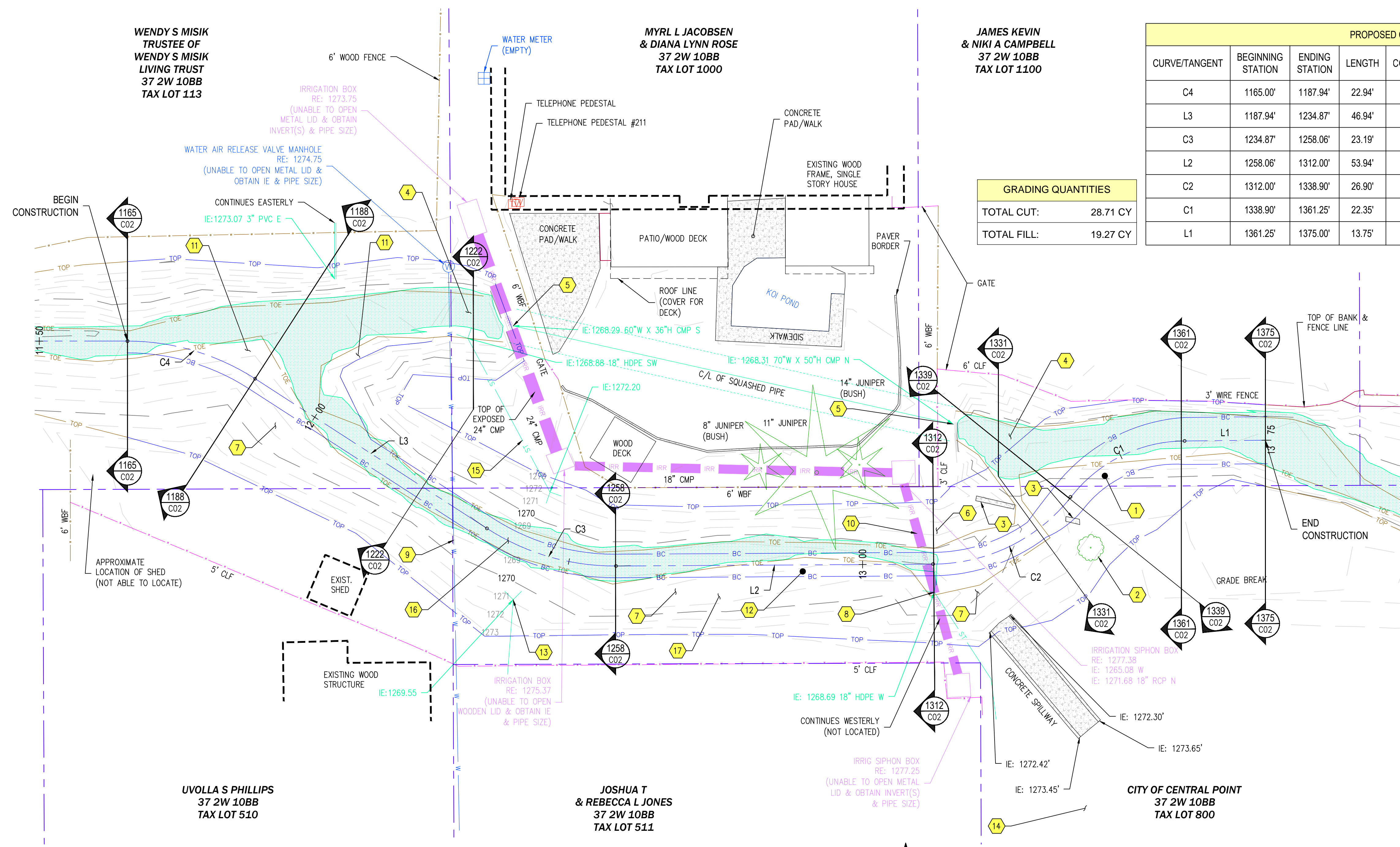
EXPIRES: 12/31/2022

CITY OF CENTRAL POINT
HORN CREEK CHANNEL IMPROVEMENTS

GENERAL NOTES 1

NO.	DATE	DESCRIPTION	BY	REVIEW

SCALE: SHOWN	
DRAWING IS FULL SCALE WHEN BAR MEASURES 2'	
DWG NO.: G01	SHEET NO.: 02 of 05



PROPOSED CHANNEL CENTERLINE							
CURVE/TANGENT	BEGINNING STATION	ENDING STATION	LENGTH	CORD LENGTH	RADIUS	BEGINNING COORD.	ENDING COORD.
C4	1165.00'	1187.94'	22.94'	22.63'	40.00'	227043.89, 272919.67	227022.19, 272913.27
L3	1187.94'	1234.87'	46.94'			227022.19, 272913.27	226982.76, 272887.81
C3	1234.87'	1258.06'	23.19'	22.86'	40.00'	226982.76, 272887.81	226960.81, 272881.41
L2	1258.06'	1312.00'	53.94'			226960.81, 272881.41	226906.88, 272881.75
C2	1312.00'	1338.90'	26.90'	26.01'	30.00'	226906.88, 272881.75	226883.51, 272893.17
C1	1338.90'	1361.25'	22.35'	21.61'	25.00'	226883.51, 272893.17	226864.10, 272902.69
L1	1361.25'	1375.00'	13.75'			226864.10, 272902.69	226850.36, 272902.81

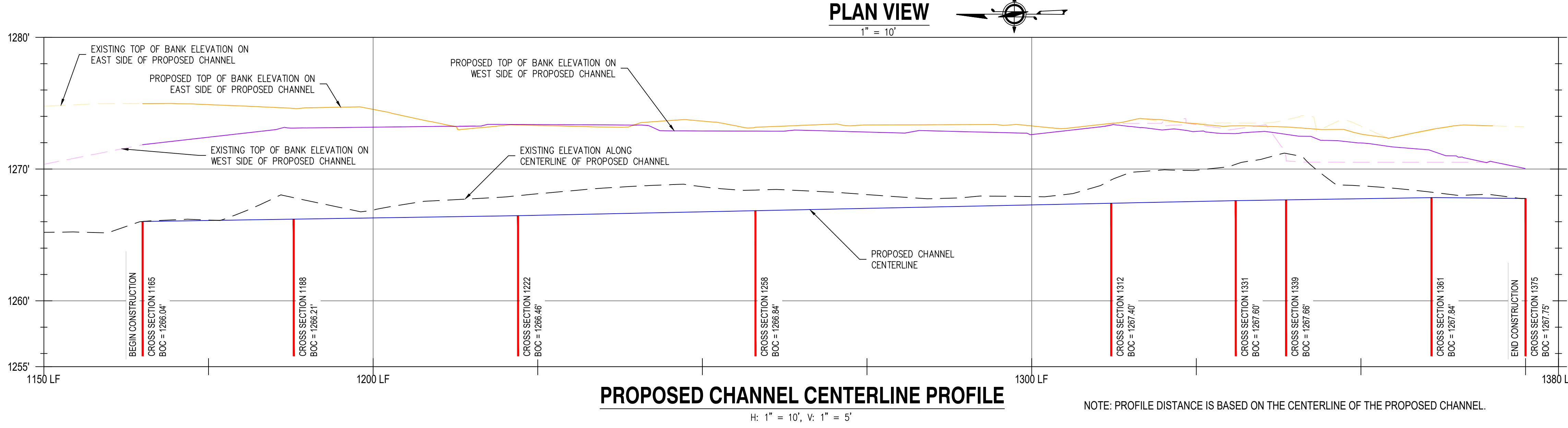
GRADING QUANTITIES	
TOTAL CUT:	28.71 CY
TOTAL FILL:	19.27 CY

GENERAL NOTES

- LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE AT THE TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CALL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXISTING UTILITY LOCATIONS.

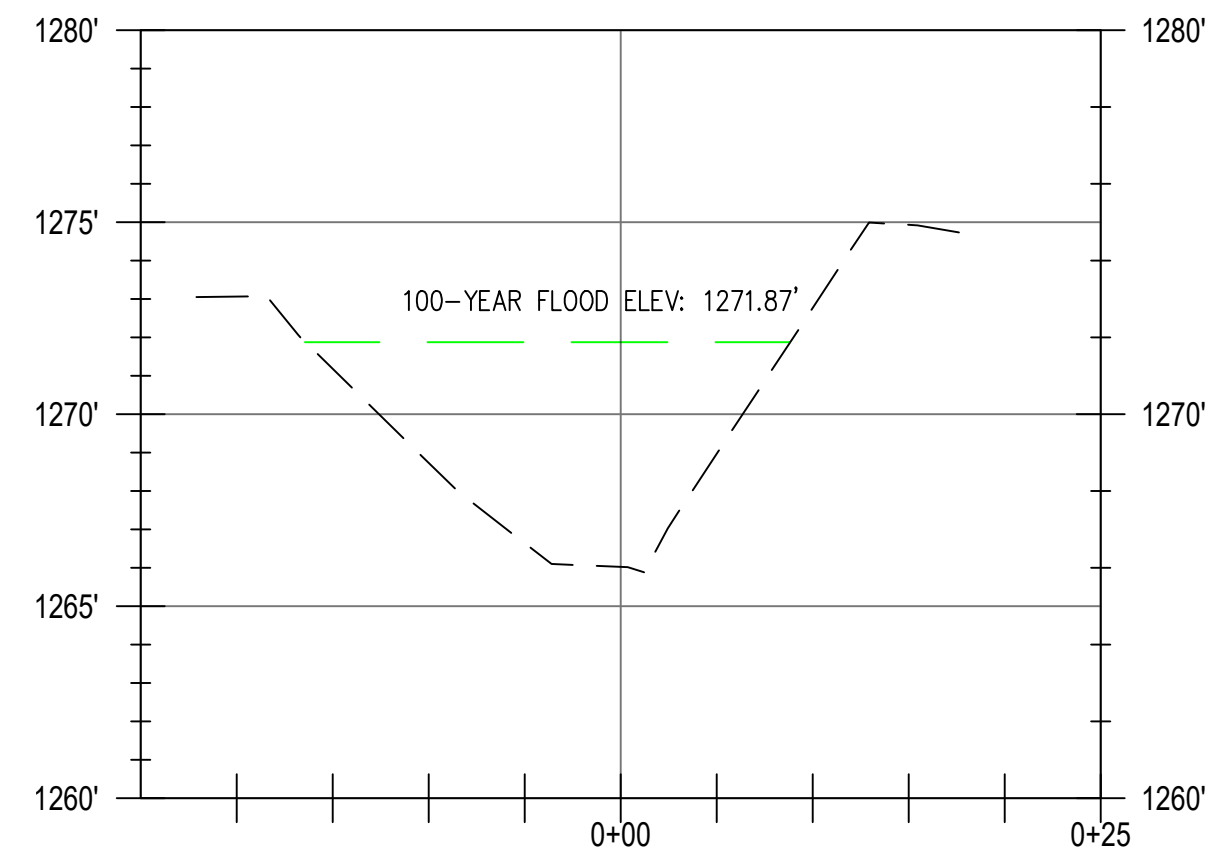
KEY NOTES

- CONSTRUCT NEW CHANNEL. SEE CROSS SECTION VIEWS AND DETAILS ON PLANS.
- REMOVE 8" DECIDUOUS TREE.
- REMOVE CONCRETE WEIR SECTIONS.
- CONSTRUCT ENGINEERED FILL EMBANKMENT. SEE DETAILS ON PLANS.
- ABANDON CULVERT WITH ROCK FILL AND CLSM CONCRETE FILL. SEE DETAIL ON PLANS.
- REMOVE AND REUSE CLASS 700 RIP-RAP ON NEW CHANNEL SIDE SLOPES AS SHOWN IN THE DETAILS ON PLANS.
- INSTALL NEW ODOT CLASS 700 RIP-RAP ON CHANNEL SIDE SLOPES.
- CUT EXISTING STORM SEWER PIPING TO MATCH NEW CHANNEL SIDE SLOPES. RE-INSTALL EXISTING "TIDEFLEX" VALVE.
- PLUG ENDS OF ABANDONED WATER MAIN WITH CONCRETE FILL.
- POTHOLE AND CONFIRM ELEVATION OF THE EXISTING 18" IRRIGATION PIPING AND RIP-RAP COVER PRIOR TO CONSTRUCTION.
- EXCAVATE UPLAND AREAS TO MATCH CHANNEL BOTTOM. SEE WETLAND ENHANCEMENT DETAILS ON PLANS.
- CONSTRUCT NEW CHANNEL BOTTOM PER DETAILS ON THE PLANS.
- ABANDONED STORM PIPING. CUT EXISTING STORM SEWER PIPING TO MATCH NEW CHANNEL SIDE SLOPES. PLUG END OF PIPE WITH CONCRETE FILL.
- PROPOSED STAGING AREA ON CITY OF CENTRAL POINT PROPERTY.
- REMOVE EXISTING 18" STORM PIPE AND DISPOSE.
- CLEAR AND GRUB EXISTING VEGETATION WITHIN THE CHANNEL IMPROVEMENT AREA.
- INSTALL RESTORATION PLANTING AND SEEDING. SEE DETAILS ON PLANS.



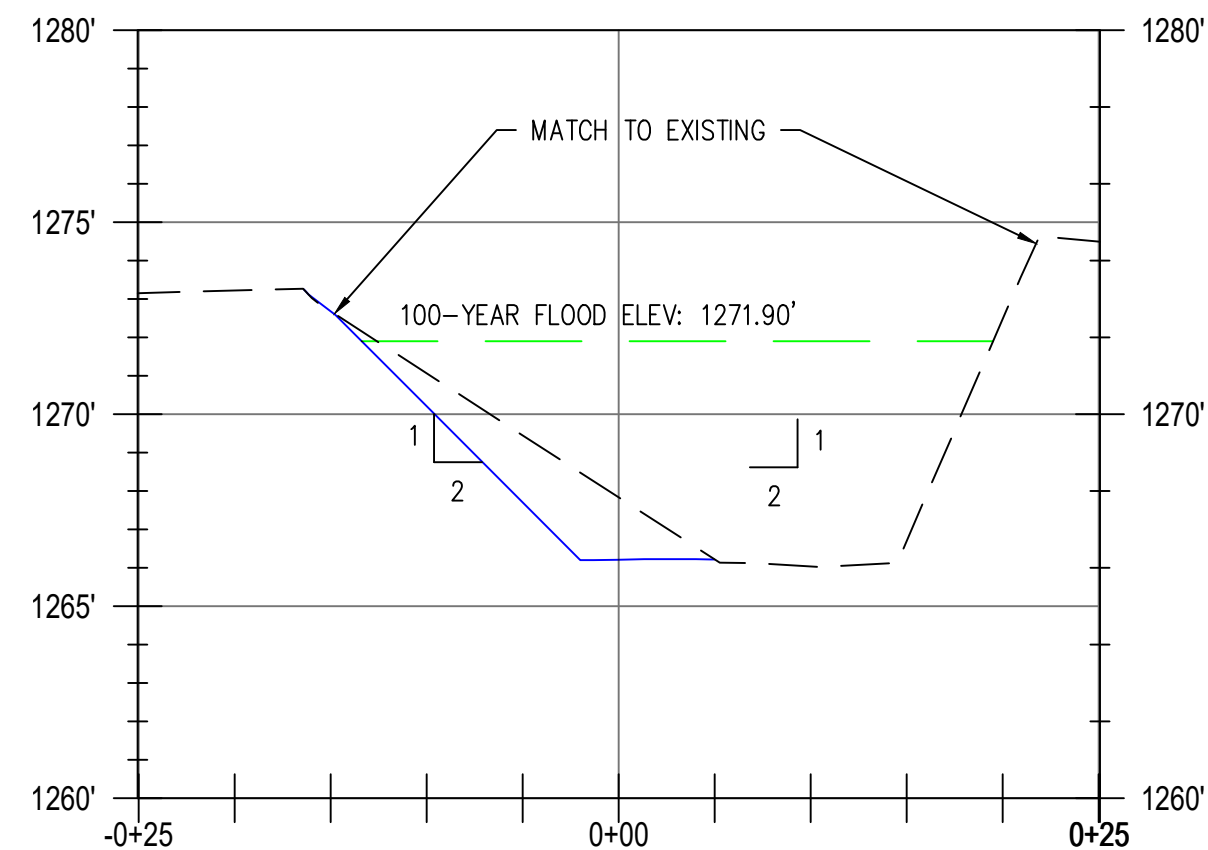
CITY OF CENTRAL POINT
HORN CREEK CHANNEL IMPROVEMENTS
HORN CREEK IMPROVEMENTS PLAN
AND PROFILE STA. 1165 THROUGH 1375

NO.	DATE	DESCRIPTION	BY	REVIEW
REVISIONS				



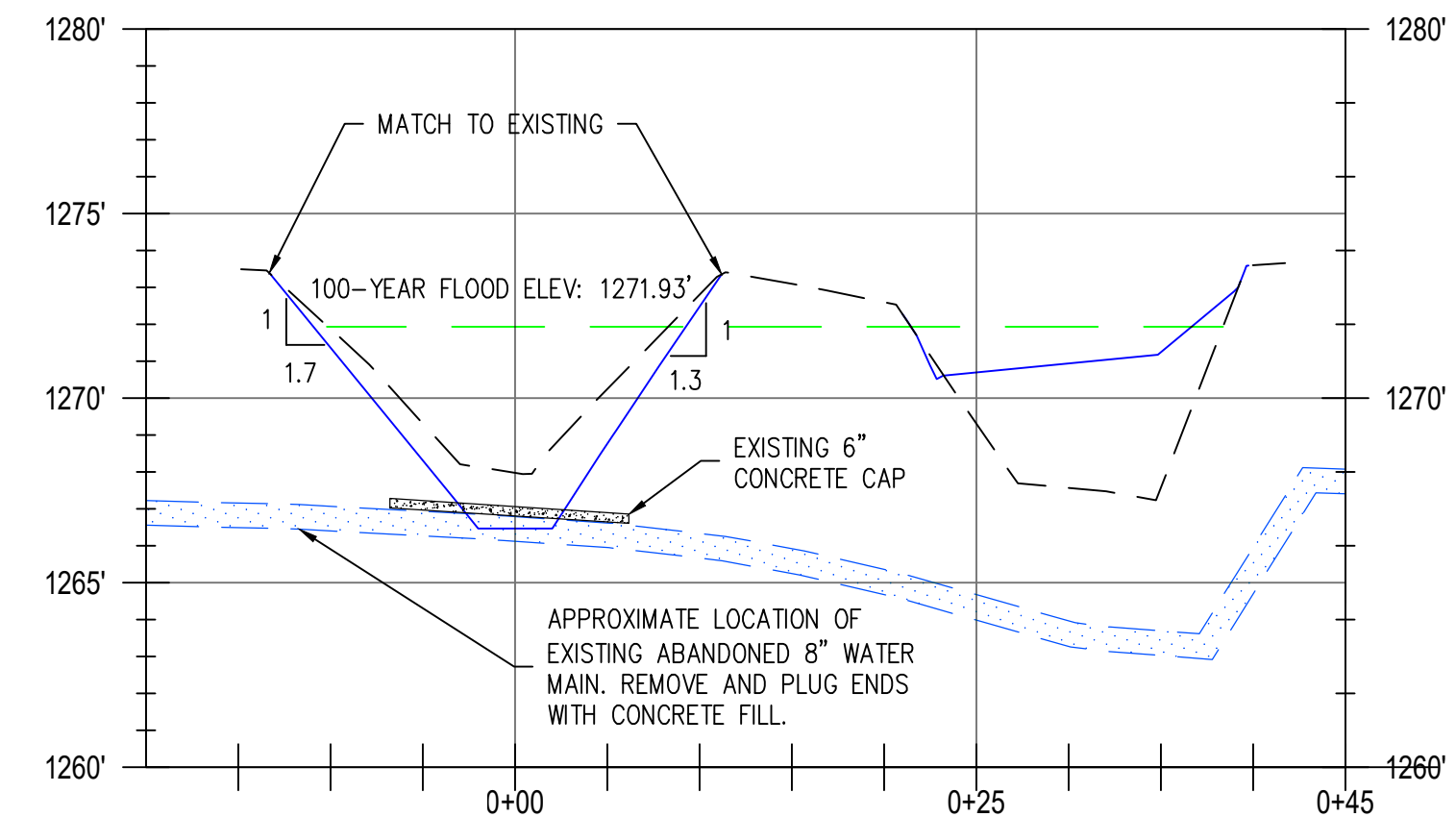
1165 CROSS SECTION PROFILE

H: 1" = 10', V: 1" = 5'



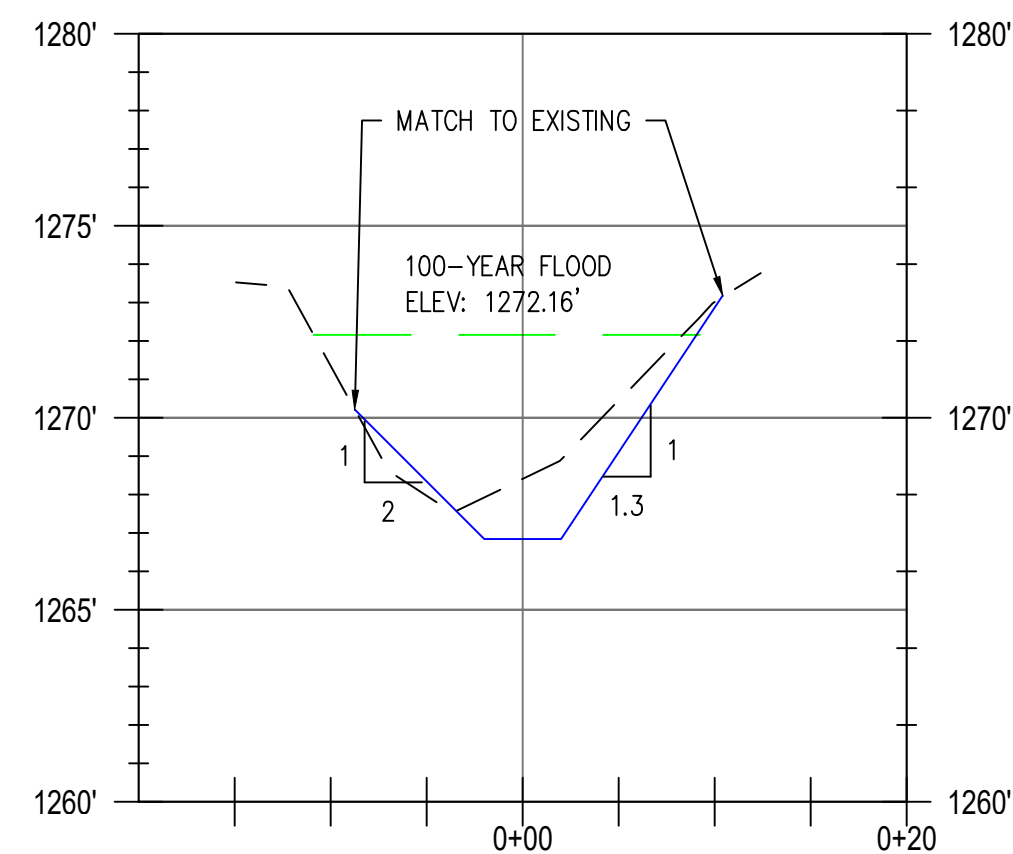
1188 CROSS SECTION PROFILE

H: 1" = 10', V: 1" = 5'



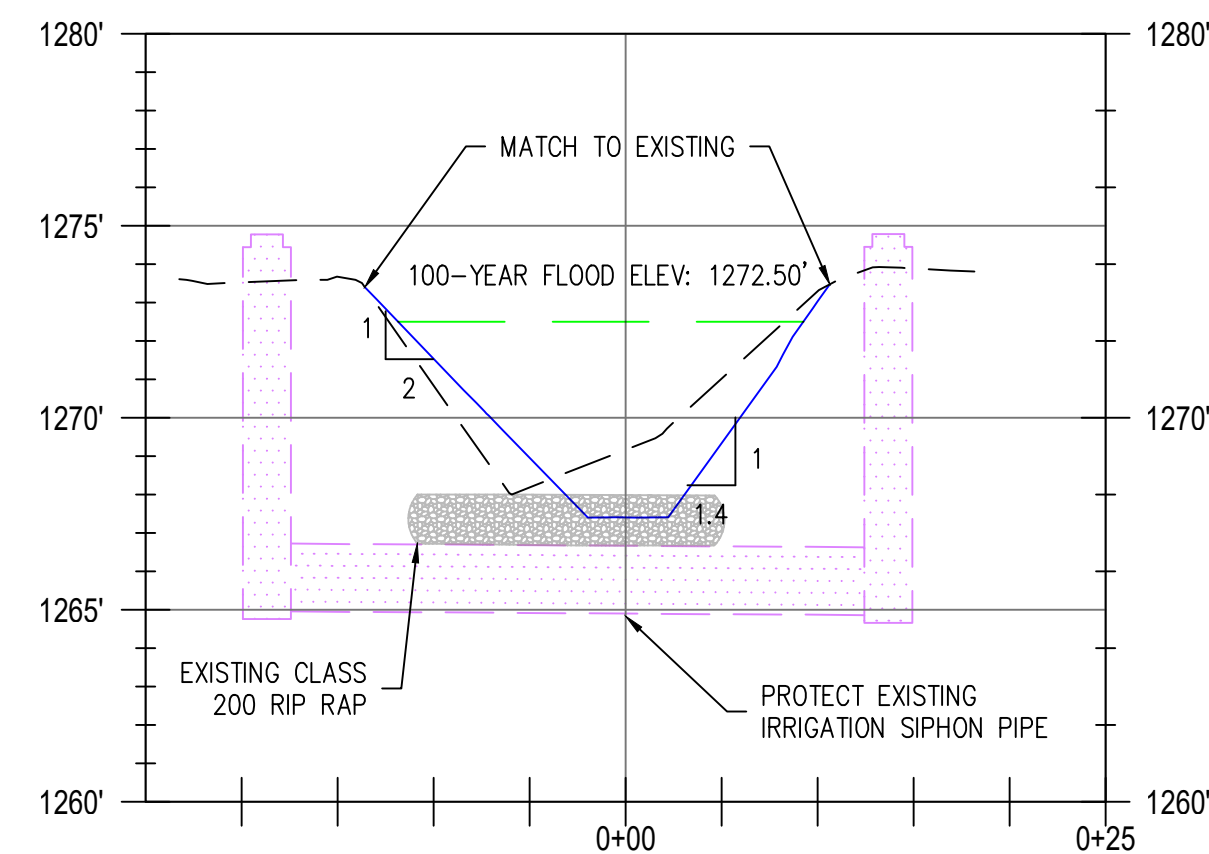
1222 CROSS SECTION PROFILE

H: 1" = 10', V: 1" = 5'



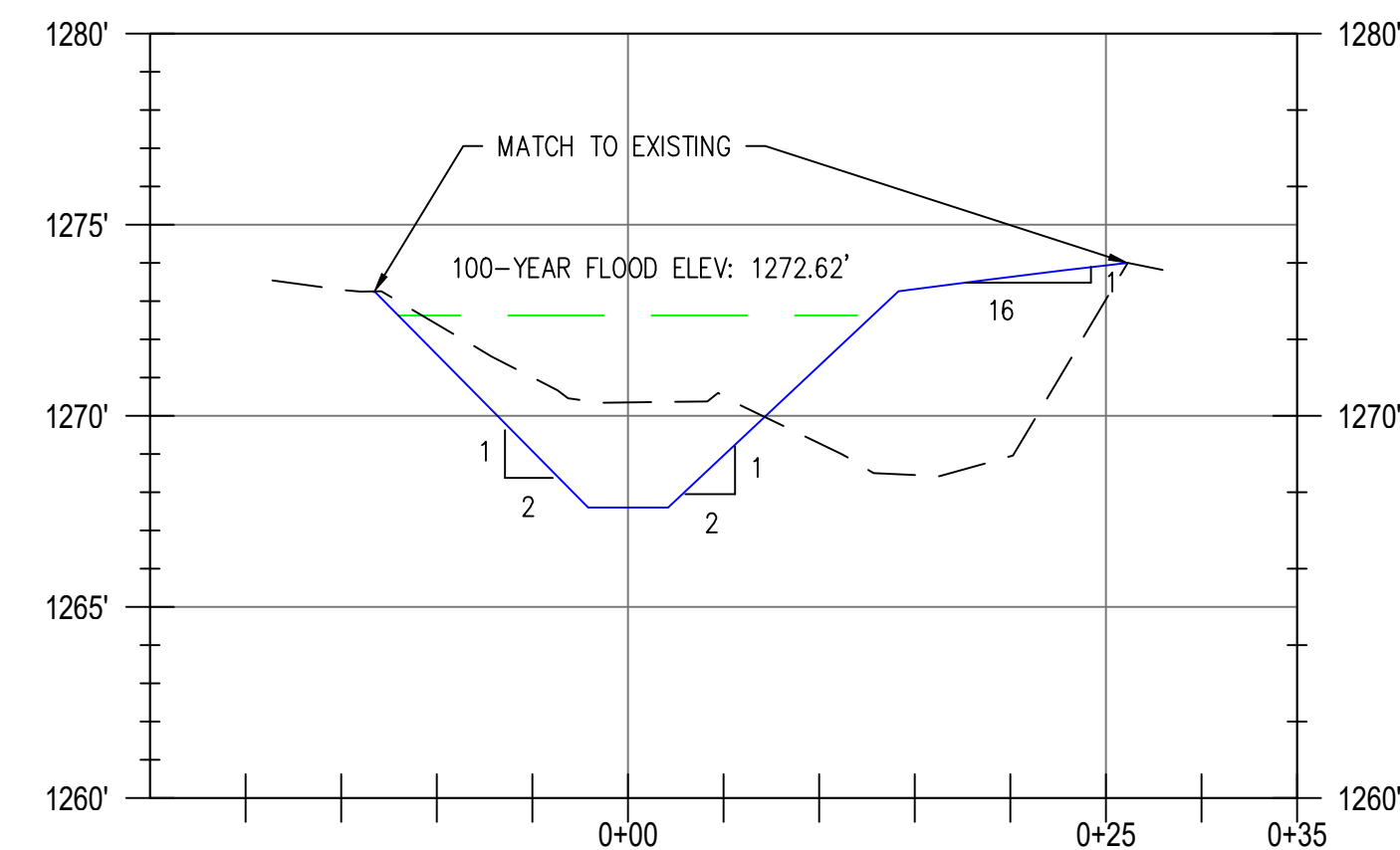
1258 CROSS SECTION PROFILE

H: 1" = 10', V: 1" = 5'



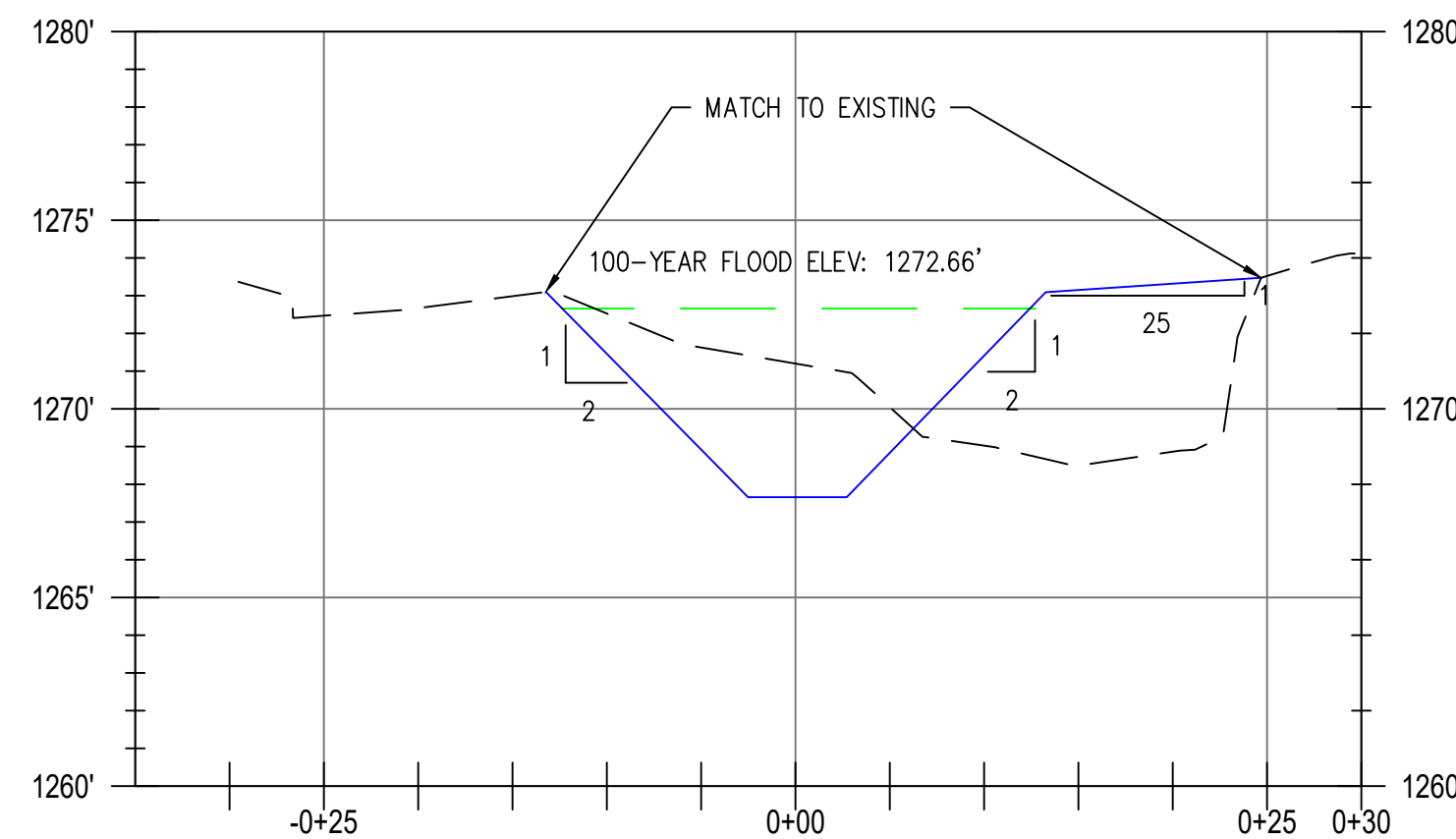
1312 CROSS SECTION PROFILE

H: 1" = 10', V: 1" = 5'



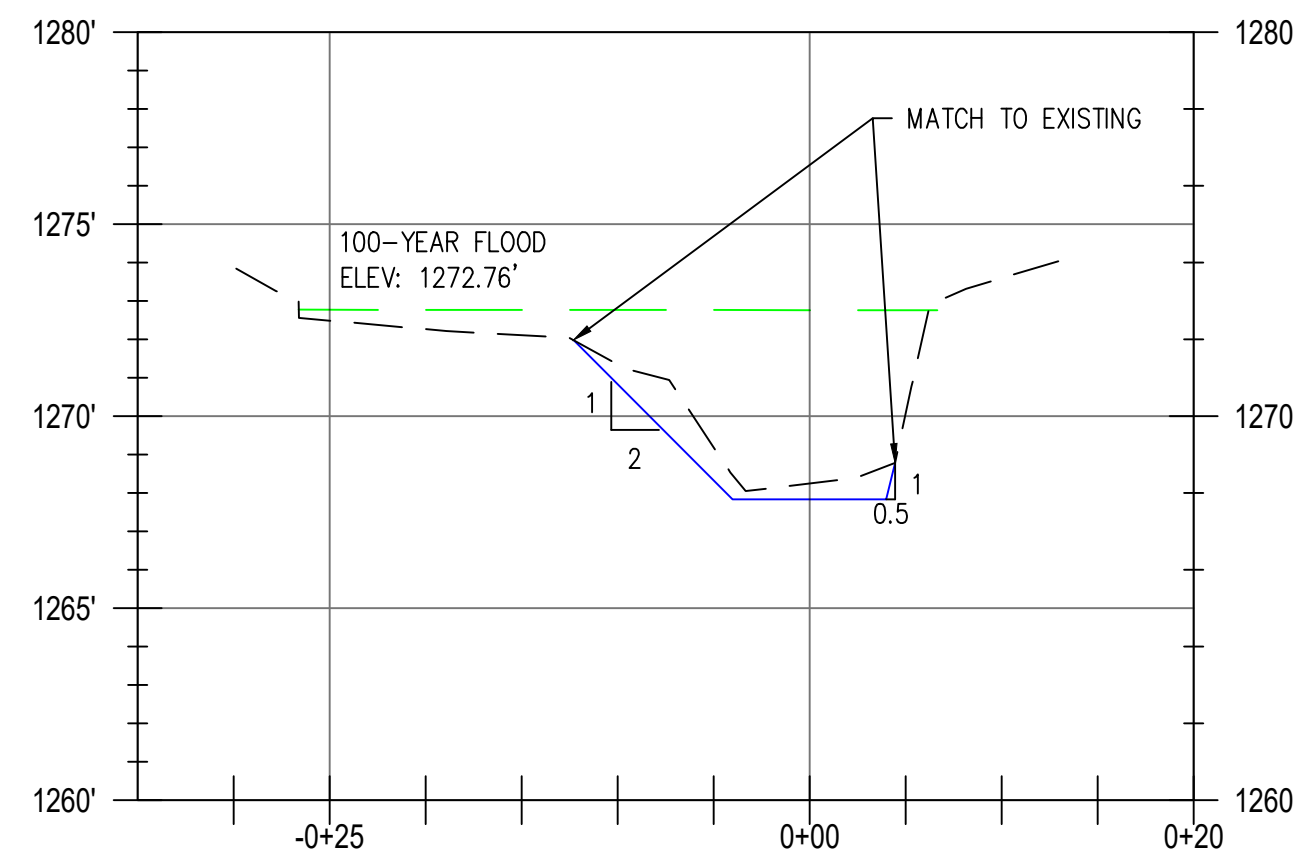
1331 CROSS SECTION PROFILE

H: 1" = 10', V: 1" = 5'



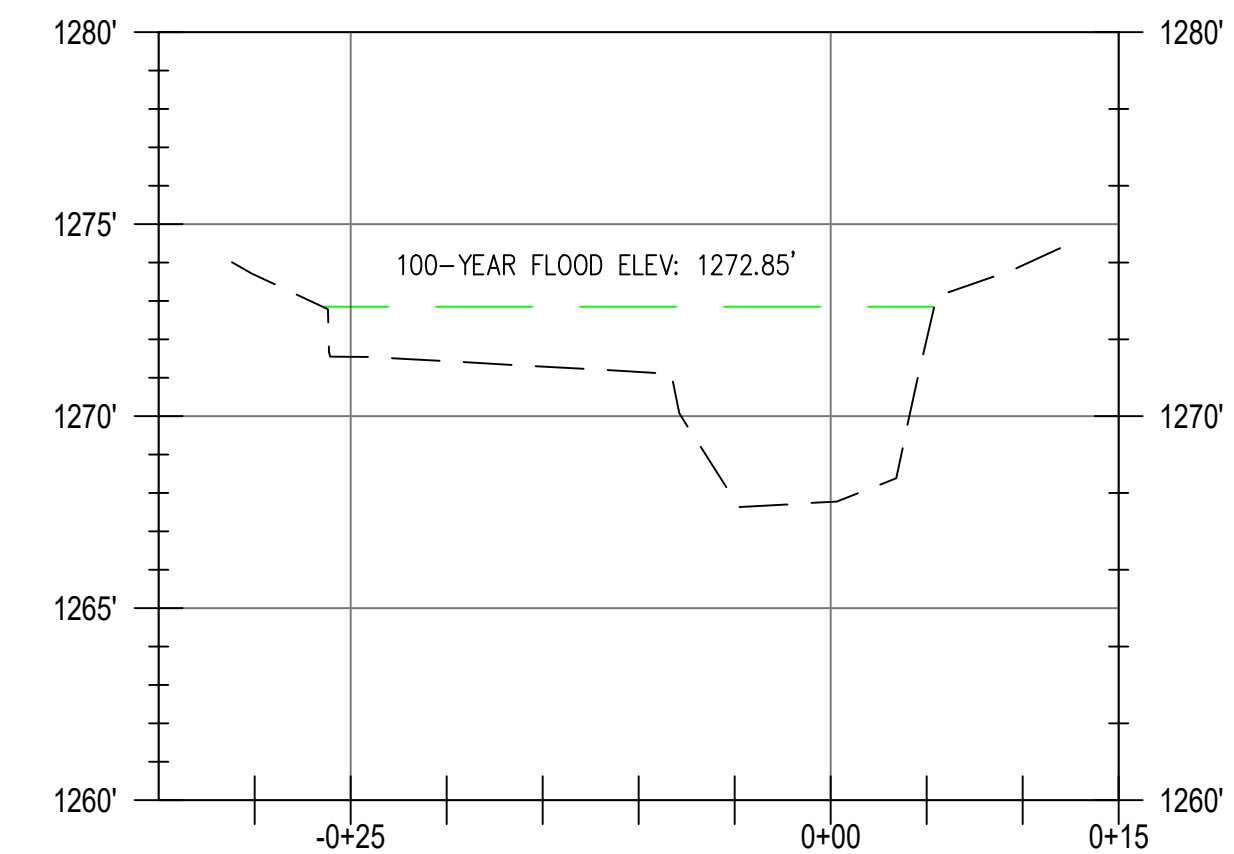
1339 CROSS SECTION PROFILE

H: 1" = 10', V: 1" = 5'



1361 CROSS SECTION PROFILE

H: 1" = 10', V: 1" = 5'



1375 CROSS SECTION PROFILE

H: 1" = 10', V: 1" = 5'

LEGEND	
	EXISTING GROUND
	PROPOSED CHANNEL
	100-YR FLOOD ELEVATION

NO.	DATE	DESCRIPTION	BY	REVIEW

SCALE: SHOWN

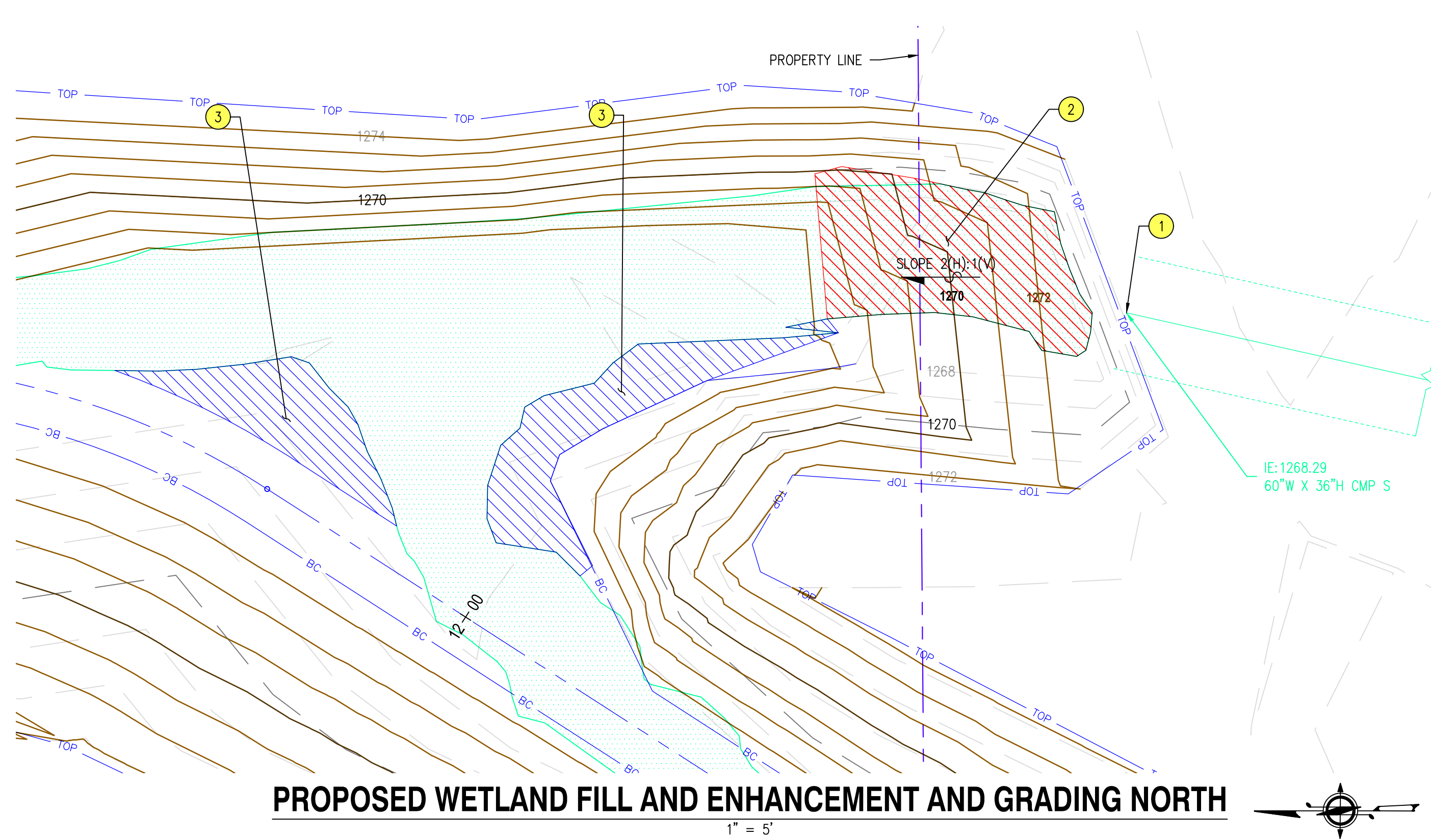
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"

DWG NO.: C02 SHEET NO.: 04 05

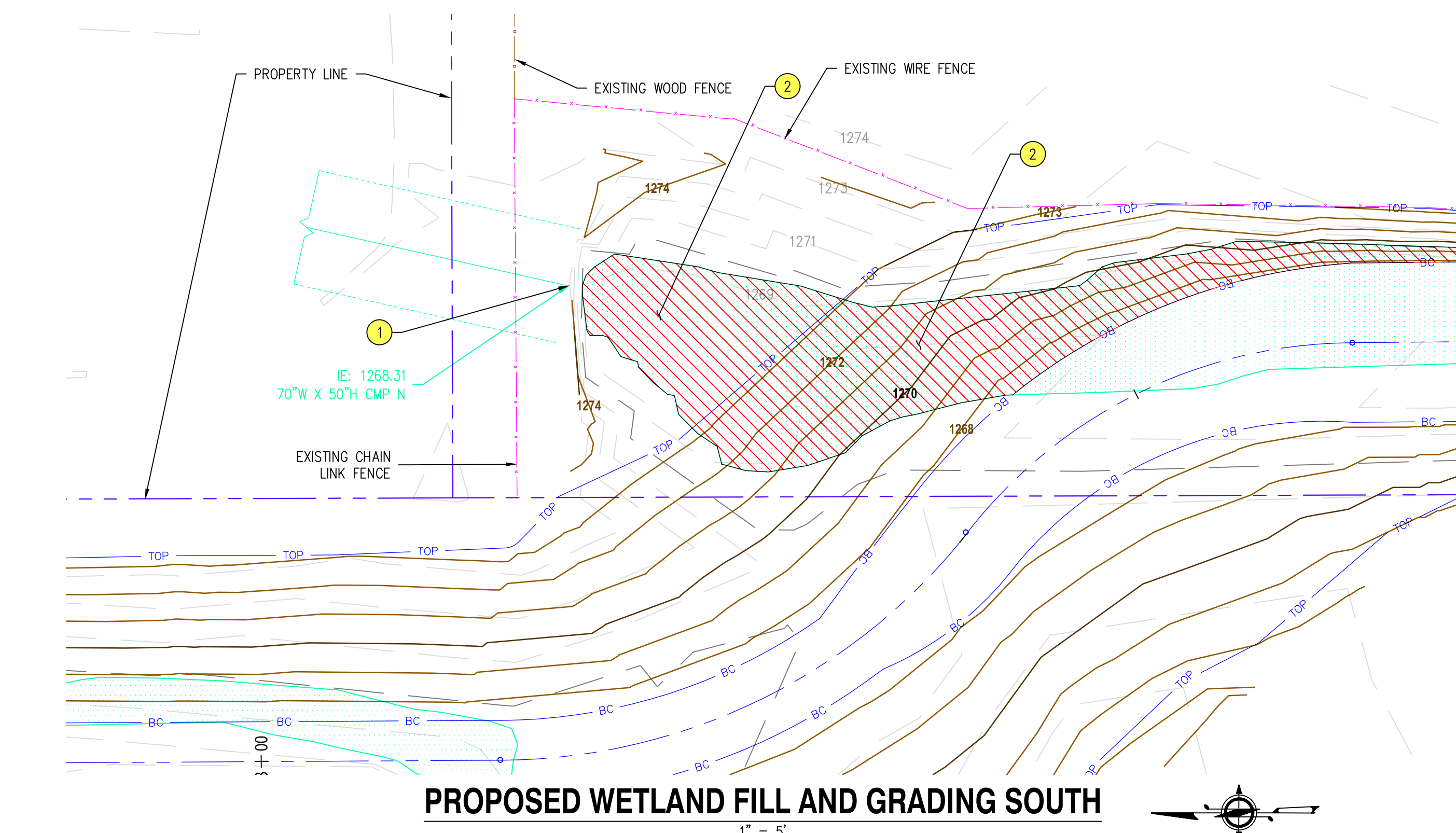
ENGINEER	DATE	CLIENT	JOB NO.
JLC	Mar 30, 2022	CPT	1015-083
REVIEWED	DATE	FILE NAME	
DCN	Mar 30, 2022	HORN-P-WATERP.DWG	

REVISIONS

ENGINEER: JLC	DATE: Mar 30, 2022	CLIENT: CPT	JOB NO.: 1015493
REVIEWER: DCN	DATE: Mar 30, 2022	FILENAME: HORN-D-DET/DWG	
REVISIONS			
NO.	DATE	DESCRIPTION	BY
SCALE: SHOWN			
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"			
DWG NO.: D01	SHEET NO.: 05		



PROPOSED WETLAND FILL AND ENHANCEMENT AND GRADING NORTH
1" = 5'



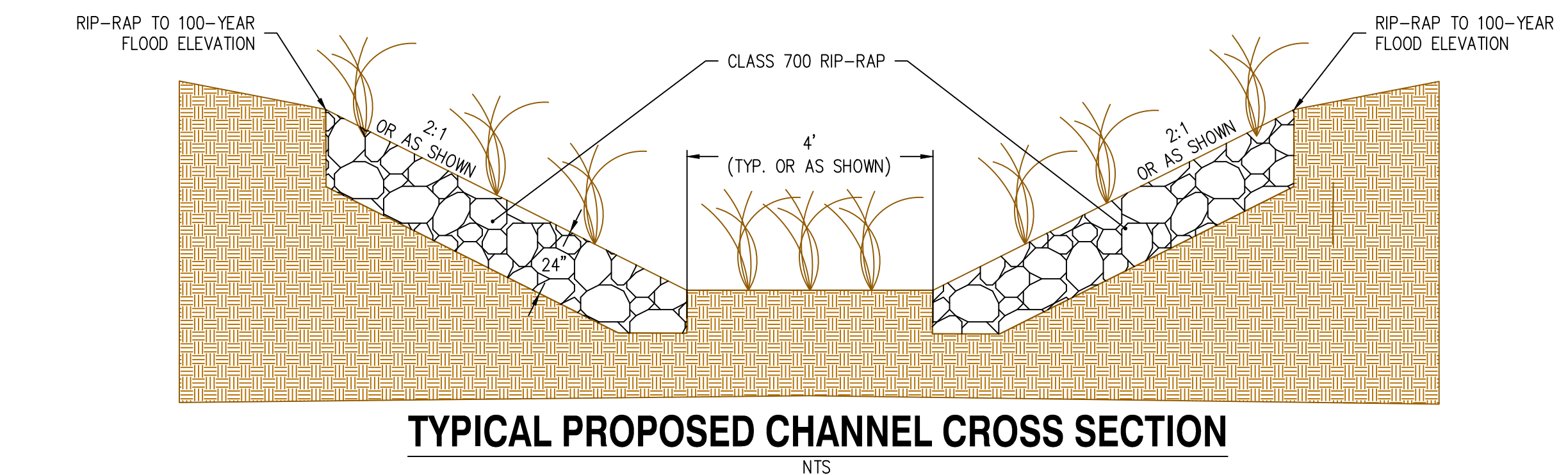
PROPOSED WETLAND FILL AND GRADING SOUTH
1" = 5'

LEGEND

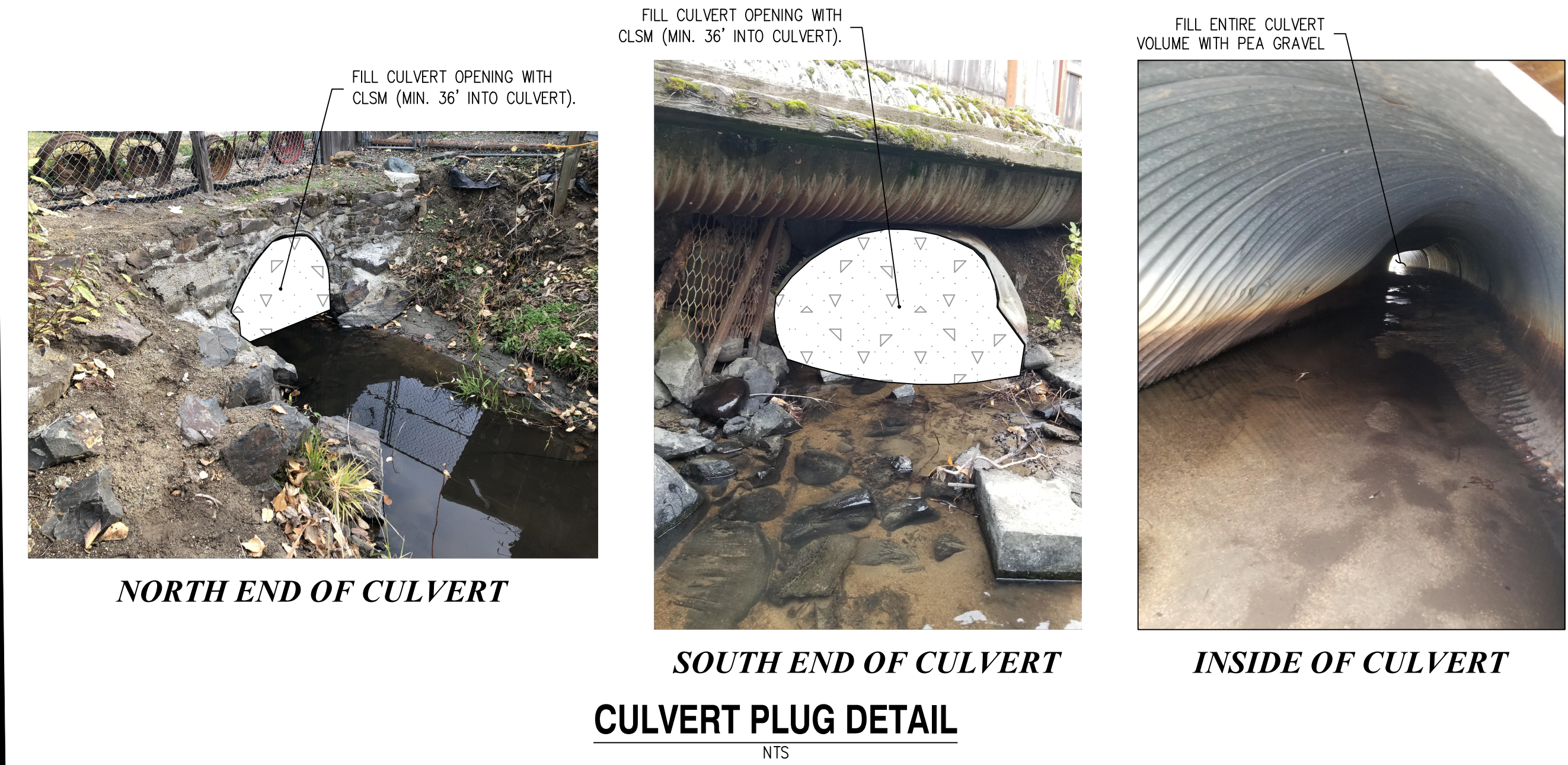
	EXISTING WETLAND AREA		EXISTING MAJOR CONTOUR
	PROPOSED FILL AREA		EXISTING MINOR CONTOUR
	EXISTING UPLAND AREA		PROPOSED MAJOR CONTOUR
	PROPOSED FOR WETLAND CREATION		PROPOSED MINOR CONTOUR

CONSTRUCTION NOTES

- 1 FILL END OF CULVERT WITH CONCRETE PLUG.
- 2 ENGINEERING FILL EMBANKMENT
- 3 WETLAND CREATION. SEE DETAIL ON PLANS FOR PLANTING AND GRADING.



TYPICAL PROPOSED CHANNEL CROSS SECTION
NTS



CULVERT PLUG DETAIL
NTS

PLANTING NOTES

1. PLANTING WILL OCCUR DURING THE IN-WATER WORK WINDOW FROM JULY 15 TO SEPTEMBER 15, 2022 AFTER CONSTRUCTION IS COMPLETE.
2. PLANTING WILL BE DONE BY HAND. SEEDING WILL BE ACCOMPLISHED BY BROADCASTING OR HYDROSEEDING WHEN SOIL MOISTURE IS AVAILABLE (FALL).
3. WILLOW STAKES WILL BE HAND PLANTED ON STEEP BANKS OF RESTORED CHANNEL IN BETWEEN EXISTING ROCK RIP-RAP. OREGON ASH TREES WILL BE PLANTED ALONG THE WESTERN BANK ABOVE THE OHW. THE UNDERSTORY WILL BE BROADCAST SEEDING WITH A NATIVE NORTHWEST GRASS SEED MIX.
4. THE SEED MIX WILL BE APPLIED TO THE RESTORED RIPARIAN AREA AT A RATE OF 15 POUNDS PER ACRE (1,406,000 SEEDS PER POUND; SPACING OF 161 SEEDS PER SQUARE FOOT) OR THE RECOMMENDATIONS OF THE SEED DISTRIBUTOR.
5. REMOVE NOXIOUS WEEDS PRIOR TO SEEDING. MAINTENANCE OF NOXIOUS WEEDS FOR FIRST THREE YEARS AFTER RESTORATION WILL BE COMPLETED BY THE CITY.

PLANTINGS

TYPE	QUANTITY	SIZE / DENSITY
WILLOW STAKES	4566 SQ. FT.	1 PER 6 SQ. FT.
OREGON ASH TREES	3	3-GALLON
SEED MIX	0.043 ACRES	15 LBS PER ACRE

NORTHWEST GRASS SEED MIX

COMMON NAME	SCIENTIFIC NAME	INDICATOR
TUFTED HAIRGRASS	DESCHAMPSIA CESPITOSA	FACW
SLENDER HAIRGRASS	DESCHAMPSIA ELONGATA	FACW
MEADOW BARLEY	HORDEUM BRACHYANTHERUM	FACW
SPIKE BENTGRASS	AGROSTIS EXERATA	FACW
COMMON RUSH	JUNCUS EFFUSUS	FACW
NEBRASKA SEDGE	CAREX NEBRASCENSIS	OBL