

A CITY OF SPARKS PROJECT

ISSUED FOR BID

CITY OF SPARKS PROJECT BID NO. 20/21-001 NEVADA PUBLIC WORKS PROJECT NO. WA-2020-233 TRAIL REPLACEMENT BETWEEN KILEY PKWY AND SPARKS BLVD SPARKS, WASHOE COUNTY, NEVADA

NDOT PROJECT #60945
FEDERAL PROJECT # TAP-0031(141)

CITY OF SPARKS

RONALD E. SMITH	MAYOR
DONALD ABBOTT	COUNCIL MEMBER WARD 1
ED LAWSON	COUNCIL MEMBER WARD 2
PAUL ANDERSON	COUNCIL MEMBER WARD 3
CHARLENE BYBEE	COUNCIL MEMBER WARD 4
KRISTOPHER DAHIR	COUNCIL MEMBER WARD 5
NEIL KRUTZ	CITY MANAGER

MAY 13, 2020

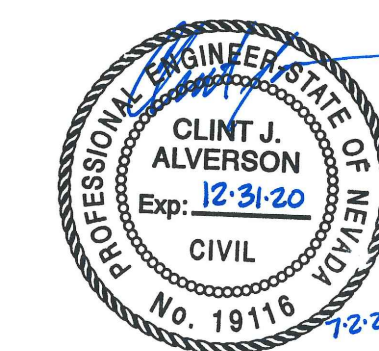


APPROVALS:

[Signature] 7/29/2020
 _____ DATE
 JON ERICSON, P.E., P.T.O.E.
 CITY ENGINEER

[Signature] 7/29/2020
 _____ DATE
 AMBER SOSA, P.E.
 PROJECT MANAGER

PLANS PREPARED AND SUBMITTED BY:



[Signature] 07/02/2020
 _____ DATE
 CLINT J. ALVERSON, P.E.
 PROJECT MANAGER

ENGINEER:



6995 Sierra Center Parkway
 Reno, NV 89511
 www.stantec.com



STANTEC PROJECT NO. 180101797

C-0

GENERAL NOTES

- 1. LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE, AND WERE NOT DETERMINED BY FIELD INVESTIGATION. EXISTING UTILITIES ARE SHOWN BASED UPON AVAILABLE RECORD DRAWINGS. ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITY STRUCTURES, WHETHER SHOWN OR NOT, AND TO NOTIFY ALL UTILITY COMPANIES TO VERIFY IN THE FIELD THE LOCATION OF THEIR INSTALLATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL UTILITY STRUCTURES FROM DAMAGE. THE EXPENSE OF REPAIR OR REPLACEMENT SHALL BE BORNE SOLELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REQUEST FIELD MARKING OF EXISTING UTILITIES AT LEAST 48 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION BY CALLING UNDERGROUND SERVICE ALERT AT 811. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN AND PROTECT ALL UTILITIES DURING CONSTRUCTION.
2. TOPOGRAPHIC INFORMATION CONTAINED WITHIN THESE CONSTRUCTION DOCUMENTS WAS PREPARED BY CONVENTIONAL FIELD TOPOGRAPHIC SURVEYS.
THE BASIS OF BEARING IS NEVADA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (94 HARN) UTILIZING A COMBINED GRID TO GROUND FACTOR OF 1.000197939. BASIS OF BEARINGS FROM TIES TO CENTERLINE MONUMENTS WITHIN TRACT MAP 5173, THE AMENDED PLAT OF KILEY RANCH NORTH VILLAGE 40, RECORDED IN THE OFFICE OF THE WASHOE COUNTY RECORDER ON JULY 28, 2016 AS FILE NO. 4614781.
THE BASIS OF ELEVATIONS IS CITY OF SPARKS BENCHMARK NO. 131 BEING A RIVET AND 2-INCH ALUMINUM WASHER IN THE TOP OF CURB APPROXIMATELY 21 FEET SOUTH OF THE SOUTHERLY RETURN OF THE INTERSECTION OF SPARKS BOULEVARD AND NIGHT LATCH DRIVE. ELEVATION TAKEN AS 4469.79' (NAVD88).
3. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE EXECUTED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC. THE CONSTRUCTION OF THE STREET IMPROVEMENTS SHALL ALLOW FOR THE PERPETUATION OF ALL EXISTING LEGAL ACCESSSES AND EXISTING DRIVEWAYS, UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL COOPERATE WITH OTHER CONTRACTORS OR UTILITY COMPANY FORCES WORKING ON THE SITE, AND WITH BUSINESS OWNERS ACTIVE OPERATIONS.
5. ALL SURFACES SHALL BE RESTORED TO THEIR ORIGINAL OR BETTER CONDITION AT THE COMPLETION OF CONSTRUCTION. EXISTING CONCRETE SUCH AS SIDEWALK, CURB, AND GUTTER SHALL BE REMOVED TO LIMITS MARKED IN FIELD BY THE ENGINEER. ALL REMOVAL MATERIALS SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING ON PRIVATE PROPERTY.
6. AT LOCATIONS WHERE NEW UNDERGROUND FACILITIES CROSS EXISTING FACILITIES THE CONTRACTOR SHALL EXPOSE THE EXISTING FACILITY AND VERIFY THAT SUFFICIENT HORIZONTAL AND VERTICAL CLEARANCE EXISTS FOR THE NEW FACILITY TO BE CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE PLANS. AT LOCATIONS WHERE NEW UNDERGROUND FACILITIES ARE TO BE CONNECTED TO EXISTING FACILITIES THE CONTRACTOR SHALL EXPOSE THE EXISTING FACILITY AND VERIFY THAT THE CONNECTION CAN BE MADE AS SHOWN ON THE PLANS. THIS VERIFICATION SHALL BE PERFORMED PRIOR TO ANY CONSTRUCTION. ANY CONFLICTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION AS SOON AS THEY ARE DISCOVERED.
7. ALL DIMENSIONS TO CURBS OR CURB AND GUTTERS ARE TO THE FRONT FACE OF CURB UNLESS NOTED OTHERWISE ON THE DRAWINGS.
8. EXISTING DRAINAGE FACILITIES, OR INTERIM ENGINEER APPROVED ALTERNATIVES, SHALL BE KEPT IN SERVICE AT ALL TIMES DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING ROADS, BUILDINGS OR OTHER STRUCTURES RESULTING FROM HIS CONSTRUCTION ACTIVITIES. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE CITY OF SPARKS, THE PROPERTY OWNERS, AND THE ENGINEER AT NO ADDITIONAL COST.
10. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THESE DRAWINGS AND THE CONDITIONS EXISTING IN THE FIELD. THE CONTRACTOR SHALL COMPARE ALL DRAWINGS AND VERIFY THE FIGURES BEFORE STARTING THE WORK AND WILL BE RESPONSIBLE FOR ANY ERRORS WHICH MIGHT HAVE BEEN AVOIDED THEREBY. IF THE CONTRACTOR FAILS TO NOTIFY THE OWNER OR THEIR REPRESENTATIVE IN A TIMELY MANNER OF ANY APPARENT ERROR OR OMISSION ON THE PLANS OR SPECIFICATION THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING WORK INCORRECTLY DONE AT THE CONTRACTOR'S EXPENSE.
11. THE USE OF POTABLE WATER FROM THE PUBLIC WATER SYSTEM FOR CONSTRUCTION PURPOSES IS PROHIBITED. CONSTRUCTION WATER USED FOR COMPACTION AND DUST CONTROL SHALL BE OBTAINED FROM THE RENO-SPARKS SEWAGE TREATMENT PLANT AT 8500 CLEAN WATER WAY, RENO NEVADA, TMA'S TRUCK FILL STATIONS, OR ANOTHER APPROVED SOURCE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL MANHOLE RIMS AND ANY EXISTING UTILITY COVERS WITHIN THE CONSTRUCTION LIMITS ARE SET FLUSH WITH THE NEW FINISH GRADE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING STAGING AREA LOCATIONS. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL PRIOR TO USING A STAGING AREA. THE CONTRACTOR SHALL OBTAIN ANY PERMITS FROM THE CITY OF SPARKS THAT ARE REQUIRED FOR STOCKPILING/PROCESSING MATERIALS.
14. PAYMENT FOR WORK SHOWN ON THESE PLANS EITHER SPECIFIED OR INFERRED, BUT NOT INCLUDED IN THE BID PROPOSAL, SHALL BE CONSIDERED AS INCLUDED IN THE PRICE PAID FOR OTHER ITEMS OF WORK.
15. DURING THE ENTIRE DURATION OF THIS CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL IMPLEMENT STRINGENT DUST CONTROL MEASURES IN ACCORDANCE WITH THE TERMS OF THE APPROVED DUST CONTROL PERMIT AND WASHOE COUNTY HEALTH DEPARTMENT RULES AND REGULATIONS. THE CONTRACTOR IS REQUIRED TO SUPPRESS DUST AT ALL TIMES, 24 HOURS A DAY, SEVEN (7) DAYS A WEEK, REGARDLESS OF WHEN CONSTRUCTION ACTIVITIES ARE OCCURRING.
16. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO EXISTING LANDSCAPING DAMAGED BY OR THROUGH CONSTRUCTION ACTIVITIES. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND OWNER. THERE WILL BE NO DIRECT PAYMENT FOR THIS WORK.
17. CITY OF SPARKS STANDARD DETAILS SHALL APPLY EXCEPT WHERE OTHERWISE NOTED ON THE PLANS.
18. BEFORE ANY WORK IS STARTED IN THE STREET RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ADVANCED WARNING SIGNS FOR THE CONSTRUCTION ZONE. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "NEVADA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION" - CURRENT EDITION AND TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" - CURRENT EDITION AND BE APPROVED BY THE CITY OF SPARKS.
19. PROTECTION AND REPLACEMENT OF ALL SURVEY MONUMENTS OR PROPERTY STAKES NOT DELINEATED ON THE CONTRACT DRAWINGS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. DAMAGED OR REMOVED MONUMENTS AND/OR PROPERTY STAKES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
20. ALL MATERIALS AND CONSTRUCTIONS SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012, SSWPC, REVISION 8.
21. NOXIOUS WEED MANAGEMENT. DEVELOP AND FOLLOW A NOXIOUS WEED MANAGEMENT PLAN TO PREVENT THE ESTABLISHMENT AND SPREAD OF NEVADA STATE LISTED NOXIOUS WEEDS PER NRS 555 (AVAILABLE AT http://agri.nv.gov/Plant/Noxious_Weeds_Home/). THE MANAGEMENT PLAN SHALL INCLUDE METHODS FOR REDUCING THE SPREAD OF NOXIOUS WEEDS, PARTICULARLY WHEN MOVING EQUIPMENT BETWEEN SITES, BY CLEANING EQUIPMENT, PERSONNEL, STAGING AREAS, CONSTRUCTION AND EXCAVATION SITES, AND ROADWAYS OF NOXIOUS WEED PLANTS AND SEEDS. THE PLAN SHALL ALSO ADDRESS THE TREATMENT OF WEEDS IN TOPSOIL SALVAGE MATERIAL IF NECESSARY.

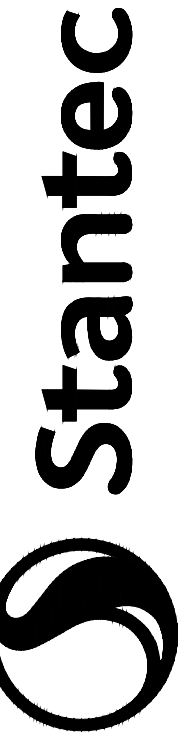
FOR MORE INFORMATION ON STATE OF NEVADA REQUIREMENTS, VISIT:
http://agri.nv.gov/Plant/Noxious_Weeds/Responsibilities/

ABBREVIATIONS

Table with 2 columns: Abbreviation and Description. Includes entries like AC: ASPHALTIC CEMENT, AD: ALGEBRAIC DIFFERENCE, AP: ANGLE POINT, APP: ASPHALT PAVEMENT PATH, ARV: AIR RELEASE VALVE, BC: BEGINNING OF CURVE, BF: BOTTOM OF FOOTING, BFC: BACK FACE OF CURB, BVCS: BEGINNING OF VERTICAL CURVE STATION, BW: BACK OF SIDEWALK, CB: CATCH BASIN, CL: CENTERLINE, CMP: CORRUGATED METAL PIPE, CONC: CONCRETE, CONST: CONSTRUCT, DI: DROP INLET, D.I.P.: DUCTILE IRON PIPE, DW: DRIVEWAY, EC: END OF CURVE, EG: EXISTING GROUND, ELEV.: ELEVATION, EP: EDGE OF PAVEMENT, EVCE: END OF VERTICAL CURVE ELEVATION, EVCS: END OF VERTICAL CURVE STATION, EX: EXISTING, (X): EXISTING, FF: FINISH FLOOR, FFC: FRONT FACE OF CURB, FG: FINISH GRADE, FH: FIRE HYDRANT, FL: FLOWLINE, FLG: FLANGED, FT: FEET, FV: FLUSH VALVE, GAS: GAS, GB: GRADE BREAK, HORZ.: HORIZONTAL, HW: HEAD WALL, IE: INVERT ELEVATION, K: RATE OF VERTICAL CURVATURE, L: LENGTH, L: LEFT, LAT.: LATERAL, LF: LINEAL FEET, LP: LOW POINT, LT: LEFT, M.D.D.: MAXIMUM DRY DENSITY, MIN.: MINIMUM, MJ: MECHANICAL JOINT, MPOC: MID POINT OF CURVE, NDP: NO DIRECT PAYMENT, PC: POINT OF CURVATURE, P.C.C.: PORTLAND CEMENT CONCRETE, PCC: POINT OF COMPOUND CURVATURE, PI: POINT OF INTERSECTION, POC: POINT ON CURVE, POT: POINT ON TANGENT, PPB: PEDESTRIAN PUSH BUTTON, PR: PROPOSED, PRC: POINT OF REVERSE CURVATURE, PT: POINT OF TANGENCY, PVC: POLYVINYL CHLORIDE, PVI: POINT OF VERTICAL INTERSECTION, R: RADIUS, R: RIGHT, RCP: REINFORCED CONCRETE PIPE, REF.: REFERENCE, RET.: RETURN, RP: RADIUS POINT, RT: RIGHT, R/W: RIGHT OF WAY, S: SLOPE, SD: STORM DRAIN, SDMH: STORM DRAIN MANHOLE, SF: SQUARE FEET, SS: SANITARY SEWER, SSMH: SANITARY SEWER MANHOLE, SSWPC: STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SSWR: SANITARY SEWER, STA: STATION, SUP: SHARED USE PATH, SW: SIDEWALK, TC: TOP OF CURB, TDC: TOP OF DEPRESSED CURB, TP: TOP OF PAVEMENT, TYP.: TYPICAL, VERT.: VERTICAL, V.C.: VERTICAL CURVE, VG: VALLEY GUTTER, V.P.I.: VERTICAL POINT OF INTERSECTION, W: WATER, W: WALK

INDEX OF SHEETS

Table with 3 columns: SHEET NO., DESCRIPTION OF SHEET, and sheet count. Includes entries like 1 OF 6: C-0 COVER, 2 OF 6: C-1 NOTES, ABBREVIATIONS, AND SHEET INDEX, 3 OF 6: C-2 OVERALL SITE PLAN/KEY SHEET, 4 OF 6: PP-1 PLAN AND PROFILE STA: 0+00 - 10+00, 5 OF 6: PP-2 PLAN AND PROFILE STA: 10+00 - 18+64.58, 6 OF 6: DT-1 TYPICAL DETAILS



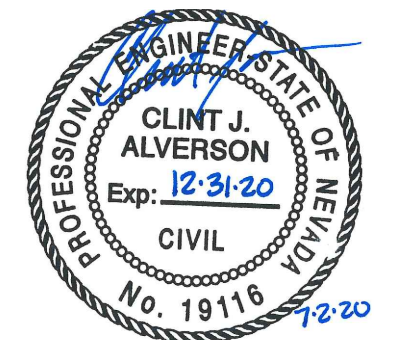
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Revision table with columns for Revision, Description, Date, and Appr. Includes entries for Y1 MM DD, 20/07/02, and Y1 MM DD.

Client/Project: CITY OF SPARKS DEPARTMENT OF PUBLIC WORKS
NDOT PROJECT #60945
FEDERAL PROJECT # TAP-0031(141)
TRAIL RECONSTRUCTION
ISSUED FOR BID

Permit-Seal
City of Sparks
Department of Public Works
Trail Reconnection

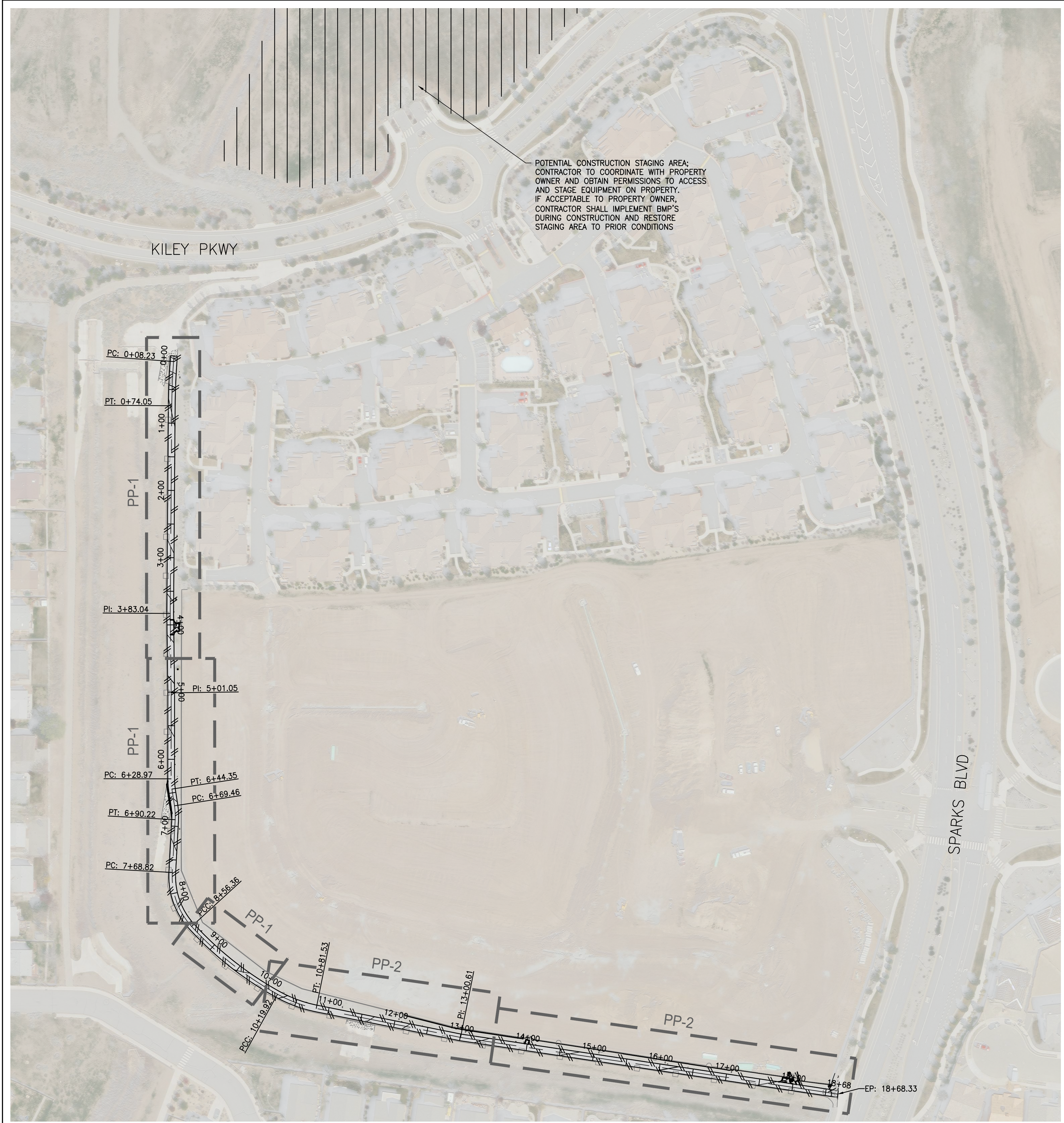


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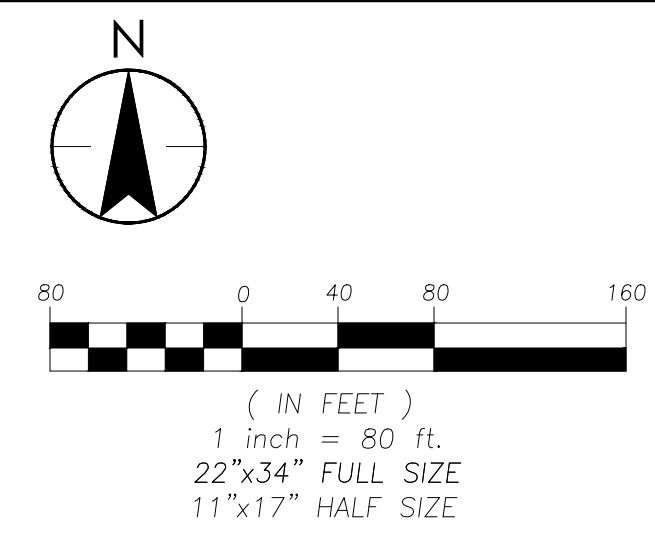
Table with columns: HAZ, CJA, JRP, 20.05.13, Dwn, Chkd, Dsgn, YY MM DD. Includes Drawing No. C-1

Revision Sheet
0 2 of 6

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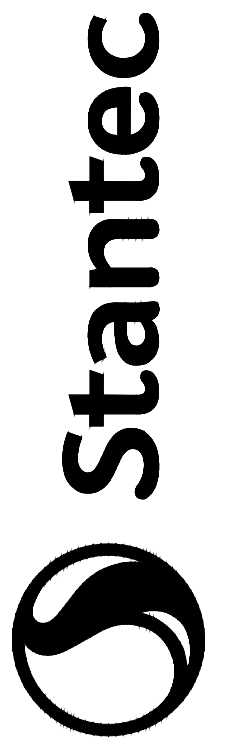


POTENTIAL CONSTRUCTION STAGING AREA;
 CONTRACTOR TO COORDINATE WITH PROPERTY
 OWNER AND OBTAIN PERMISSIONS TO ACCESS
 AND STAGE EQUIPMENT ON PROPERTY.
 IF ACCEPTABLE TO PROPERTY OWNER,
 CONTRACTOR SHALL IMPLEMENT BMP'S
 DURING CONSTRUCTION AND RESTORE
 STAGING AREA TO PRIOR CONDITIONS



LEGEND

	EXTENTS OF GRADING
	PROPOSED CONCRETE PAVEMENT; SEE 1/DT-1



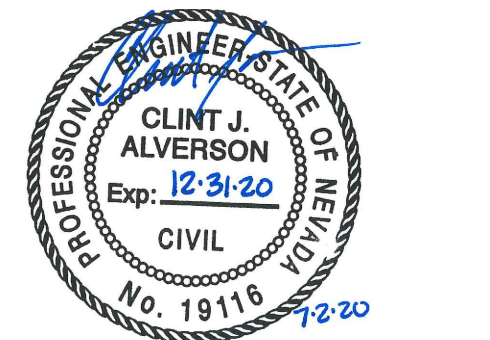
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Revision	By	Appr.	Yr./Mm/Day
A	ISSUED FOR BID	CJA	20/07/02
	ISSUED	By	YY/MM/DD

Client/Project
 CITY OF SPARKS
 DEPARTMENT OF PUBLIC WORKS
 TRAIL RECONSTRUCTION
 Sparks, Nevada
 OVERALL SITE PLAN/KEY SHEET

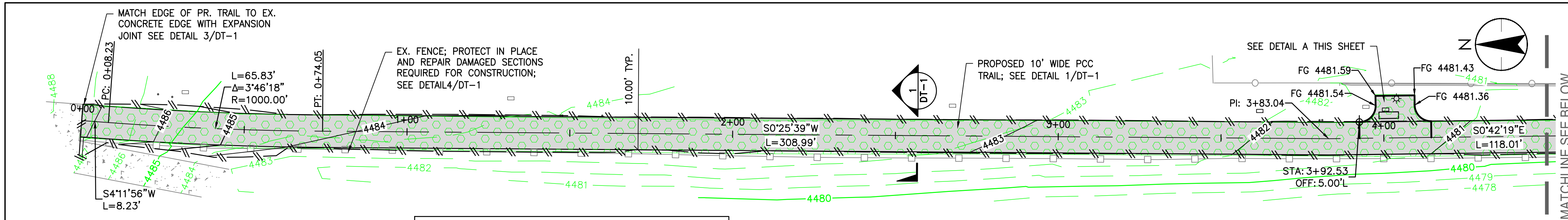
NDOT PROJECT #60945
 FEDERAL PROJECT # TAP-0031(14-1)

ISSUED FOR BID



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Dwn.	Clntcl	Dsgn.	YYMMDD
Drawing No.	C-2		
Revision	Sheet		

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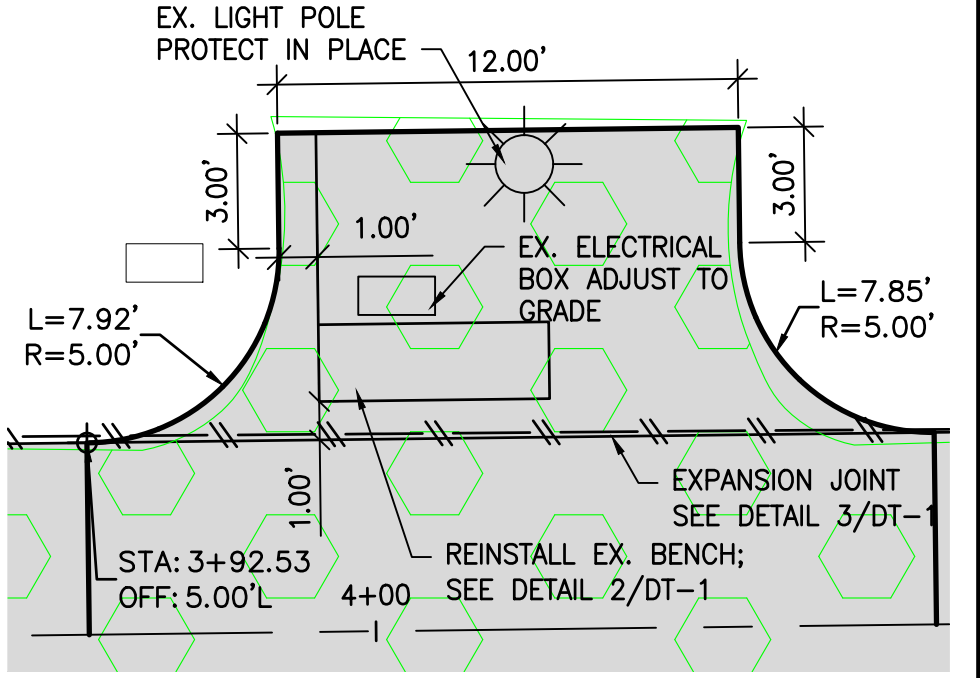
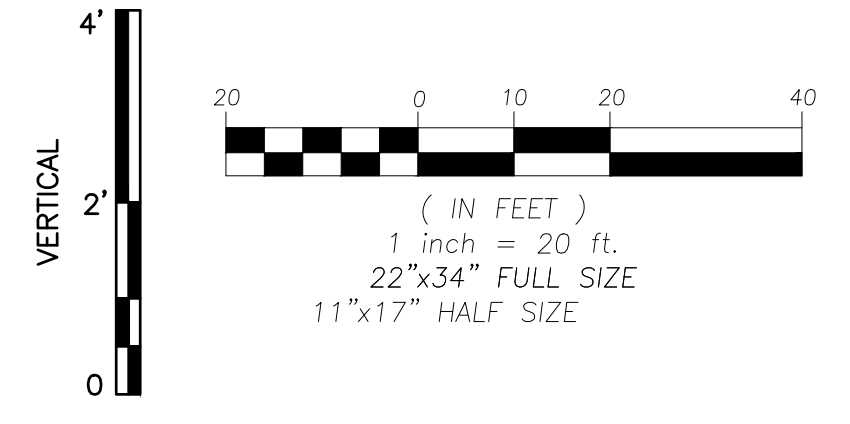


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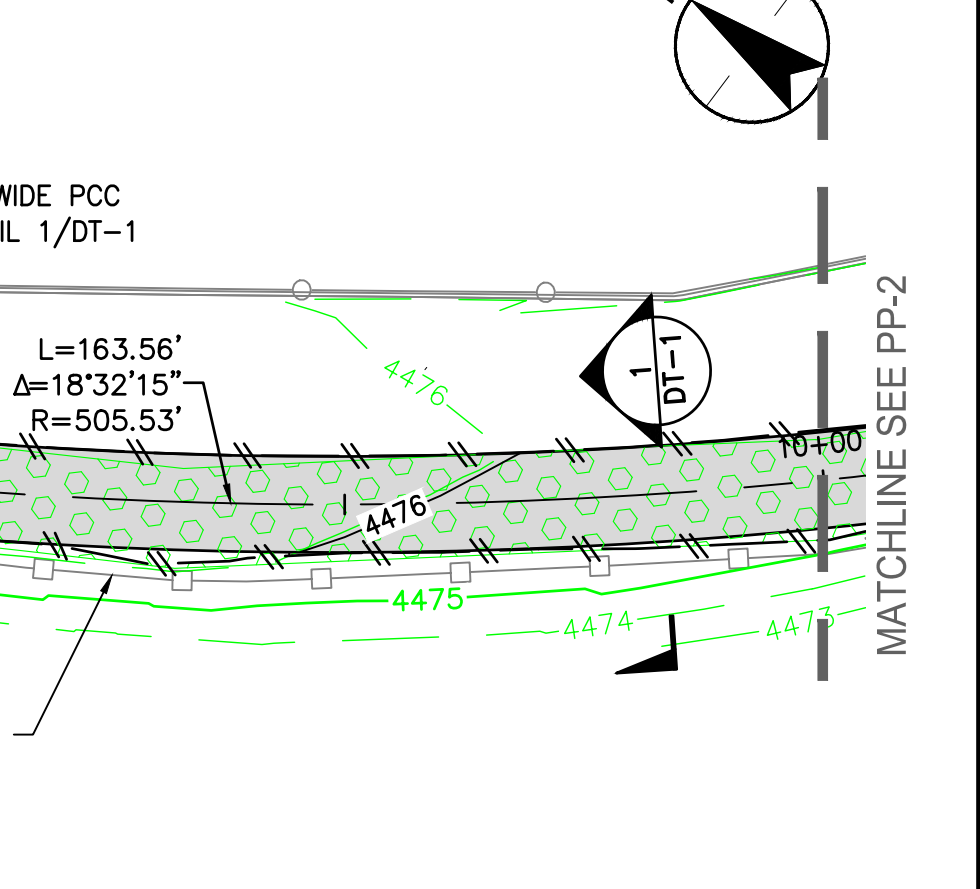
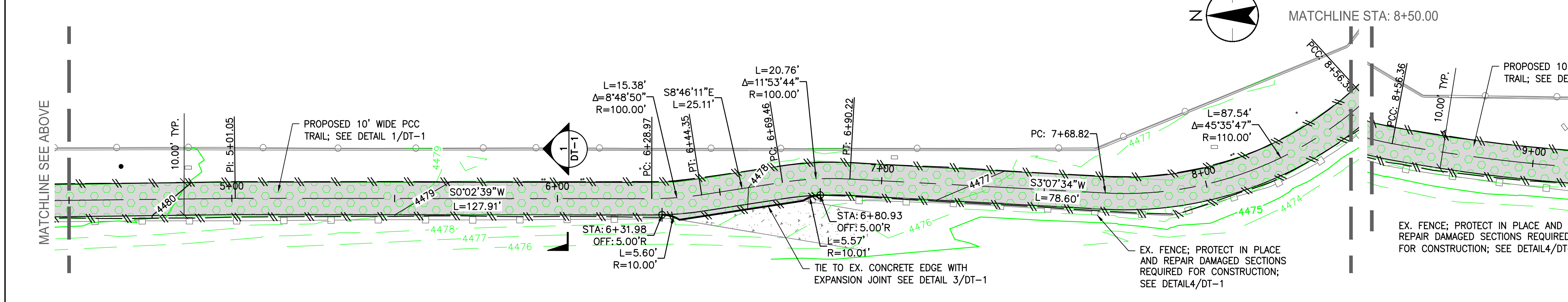
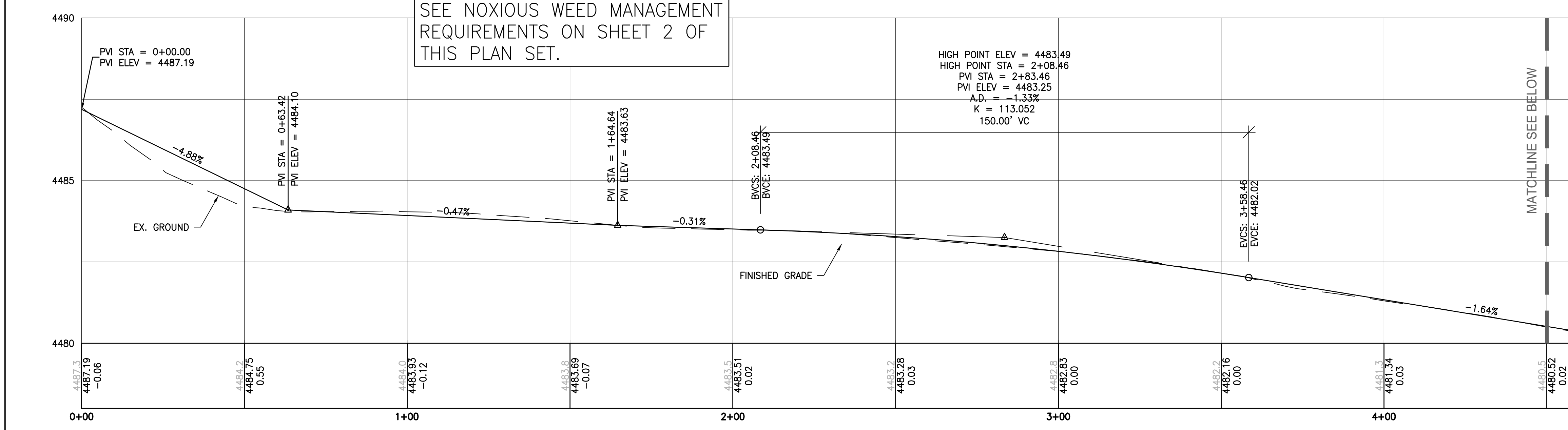
- EXISTING 1/5' CONTOURS
- PROPOSED 1/5' CONTOURS
- EXTENTS OF GRADING
- EXISTING PAVEMENT TO BE REMOVED
- PROPOSED CONCRETE PAVEMENT; SEE 1/DT-1

NOTES

- EXPANSION JOINTS SHALL BE LOCATED AT ALL PCC PAVEMENT/EXISTING CONCRETE INTERFACES AND CONSTRUCTION COLD JOINTS.



A BENCH REST AREA
 PP-1 1" = 5'



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Revision	By	Appd.	Y/M/MD
A	ISSUED FOR BID	CJA	20/07/02
		BY	Y/M/MD

Client/Project
 CITY OF SPARKS
 DEPARTMENT OF PUBLIC WORKS

NDOT PROJECT #60945
 FEDERAL PROJECT # TAP-0031(14-1)

Permit/Seal
 TRAIL RECONSTRUCTION

Sparks, Nevada

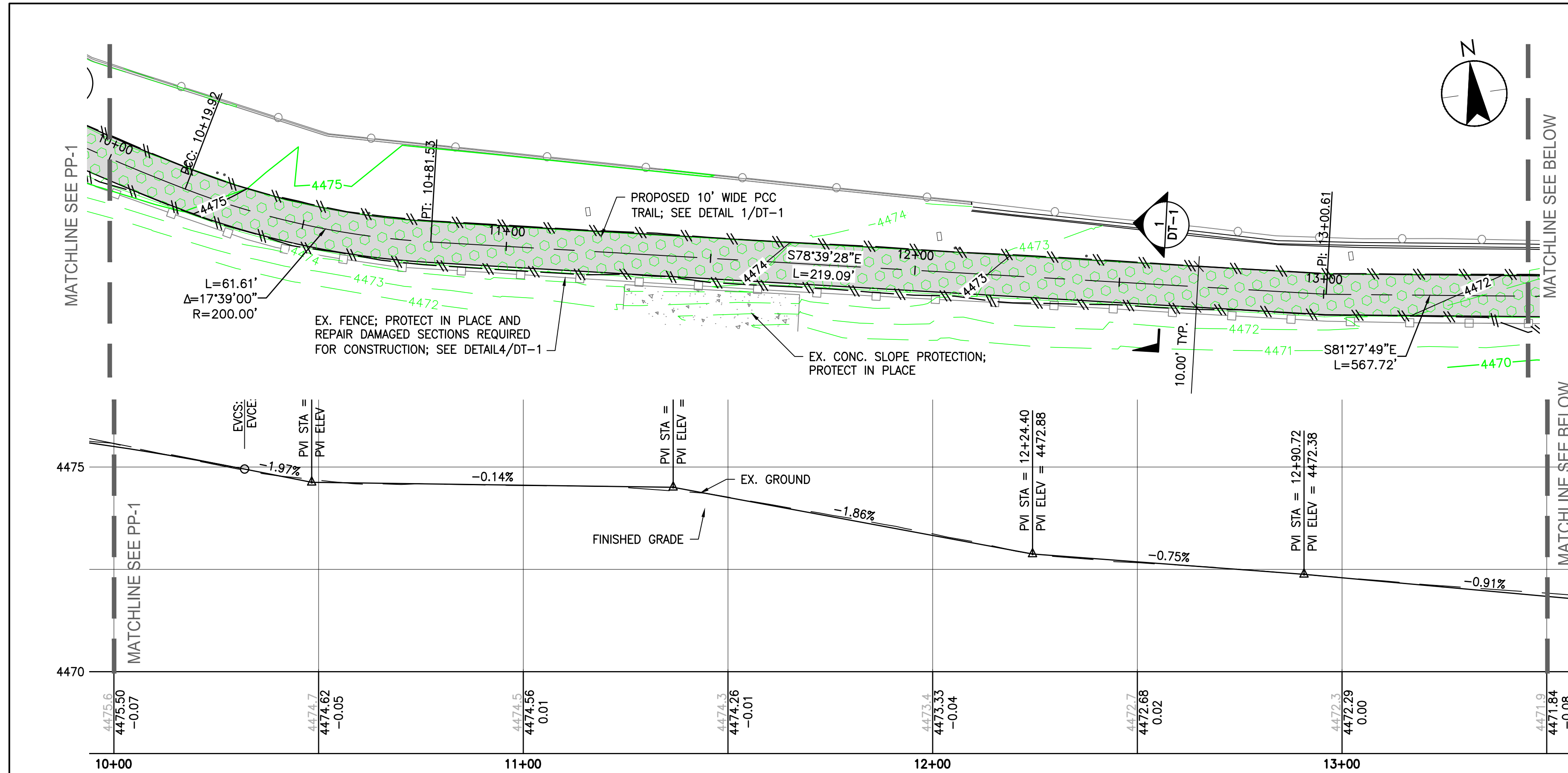
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PLAN AND PROFILE STA: 0+00 - 10+00

Project Number: 180101797
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HAZ	CJA	JRP	20.05.13
Dwn	Chkd	Dsgn	Y/M/MD

Drawing No. PP-1
 Revision Sheet



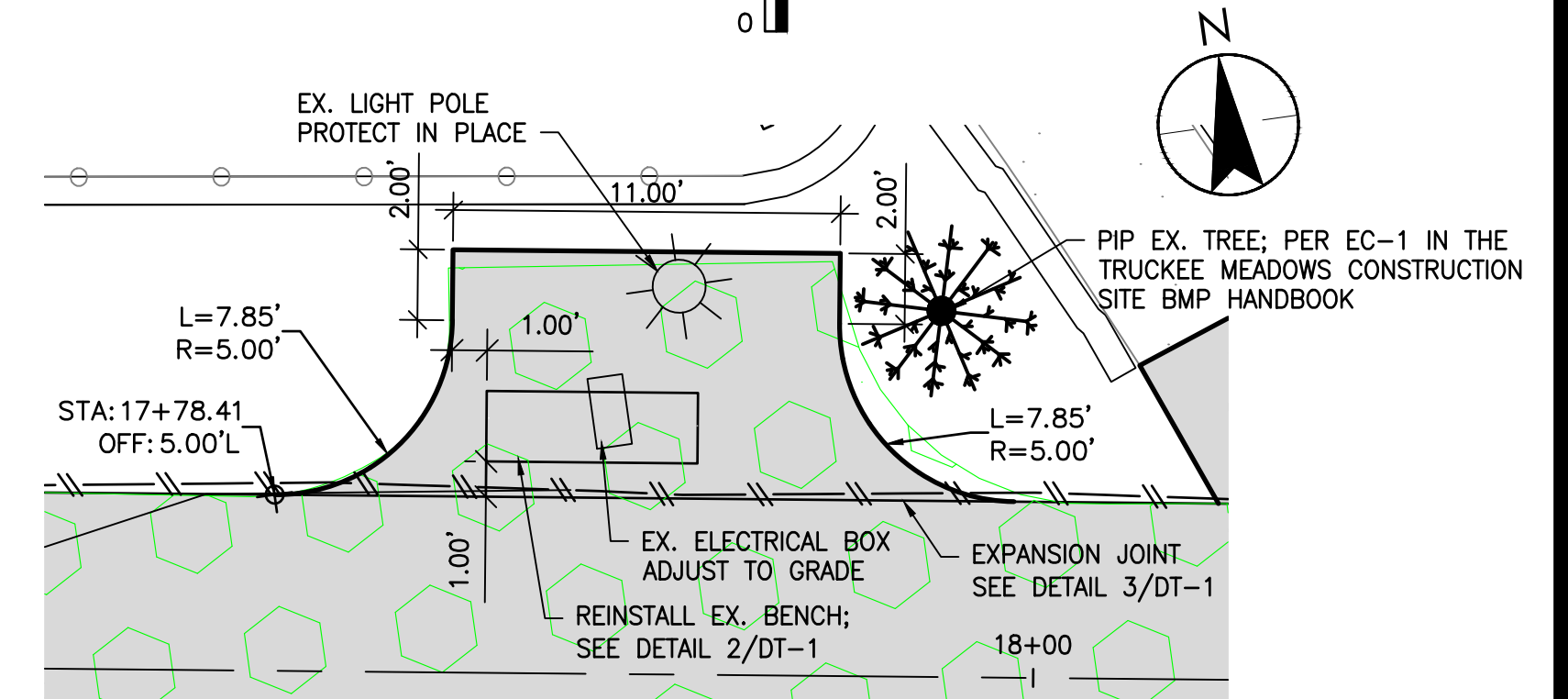
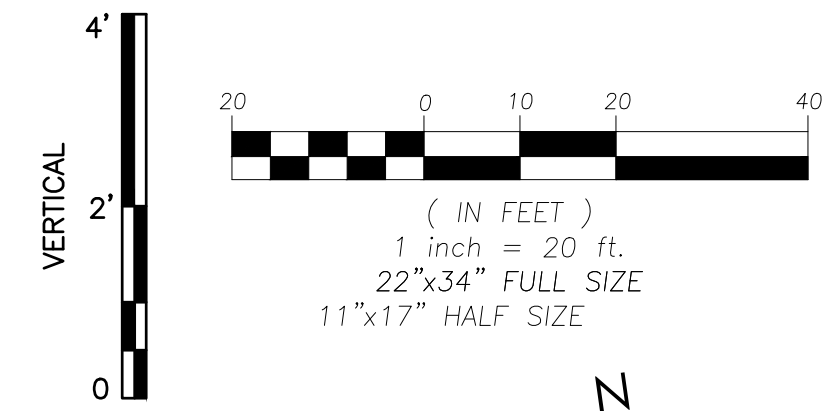
SEE NOXIOUS WEED MANAGEMENT REQUIREMENTS ON SHEET 2 OF THIS PLAN SET.

LEGEND

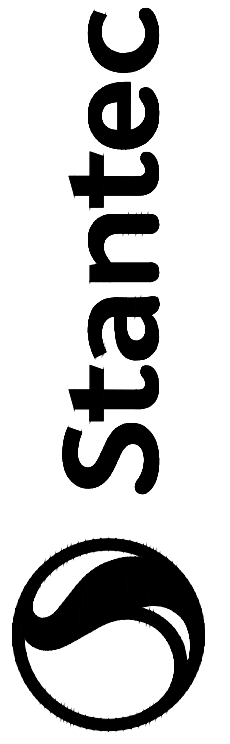
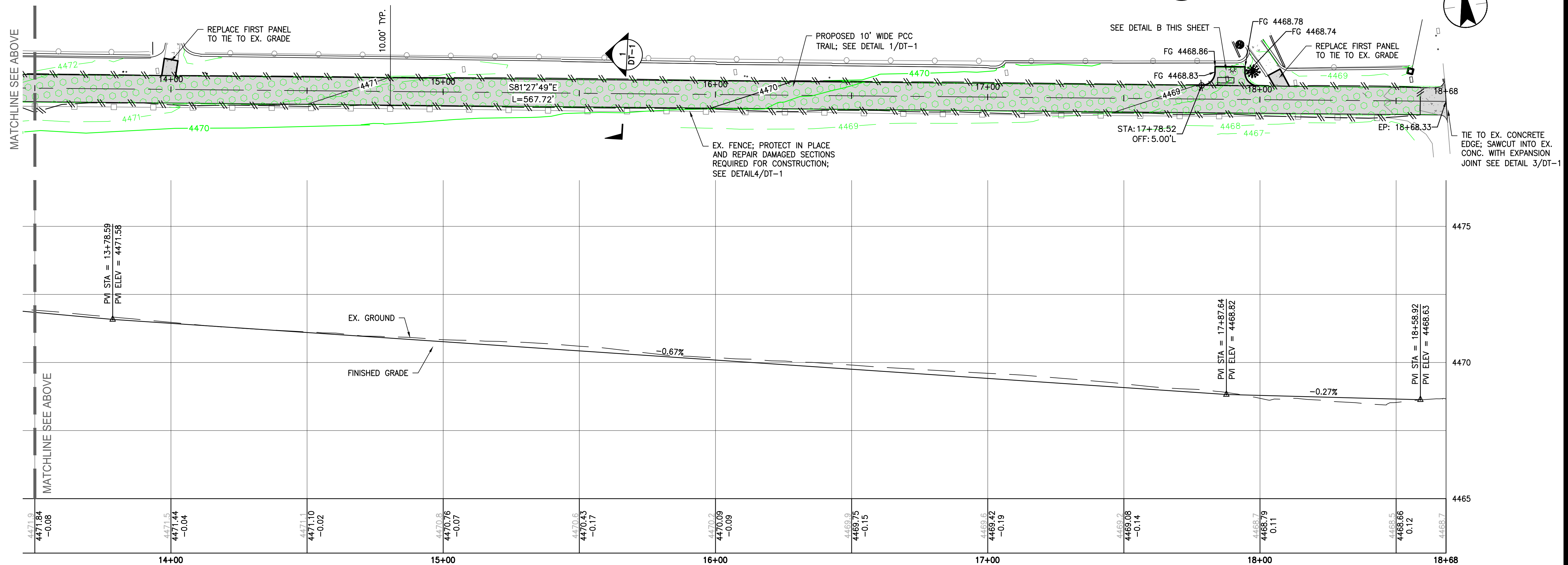
- EXISTING 1/5' CONTOURS
- PROPOSED 1/5' CONTOURS
- EXTENTS OF GRADING
- EXISTING PAVER TRAIL TO BE REMOVED
- PROPOSED CONCRETE PAVEMENT; SEE 1/DT-1

NOTES

1. EXPANSION JOINTS SHALL BE LOCATED AT ALL PCC PAVEMENT/EXISTING CONCRETE INTERFACES AND CONSTRUCTION COLD JOINTS.



B BENCH REST AREA
PP-2
1" = 5'



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Revision	By	App'd.	Y/M/D
A	ISSUED FOR BID	CJA	20/07/02
		By	Y/M/D

Client/Project
CITY OF SPARKS
DEPARTMENT OF PUBLIC WORKS
TRAIL RECONSTRUCTION

NDOT PROJECT #60945
FEDERAL PROJECT # TAP-0031(141)

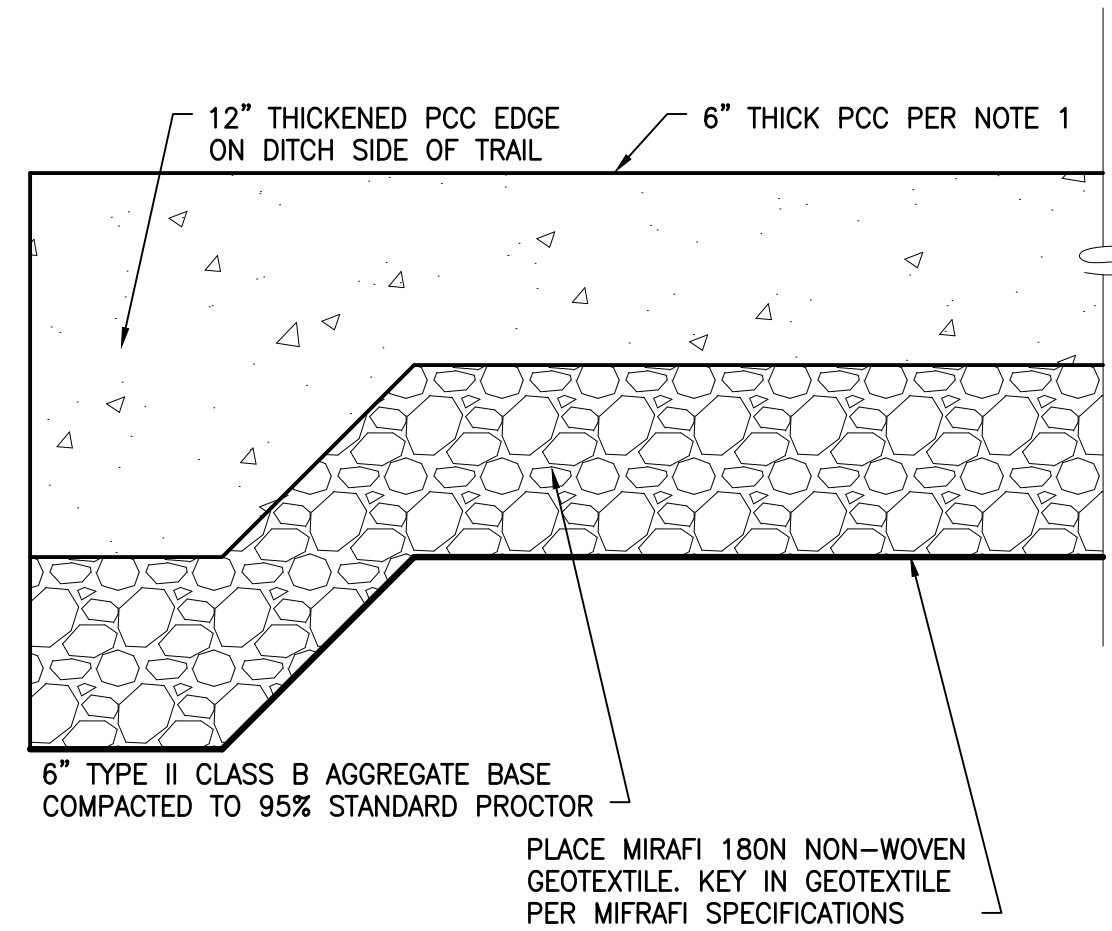
ISSUED FOR BID

Sparks, Nevada

PLAN AND PROFILE STA: 10+00 - 18+64.58

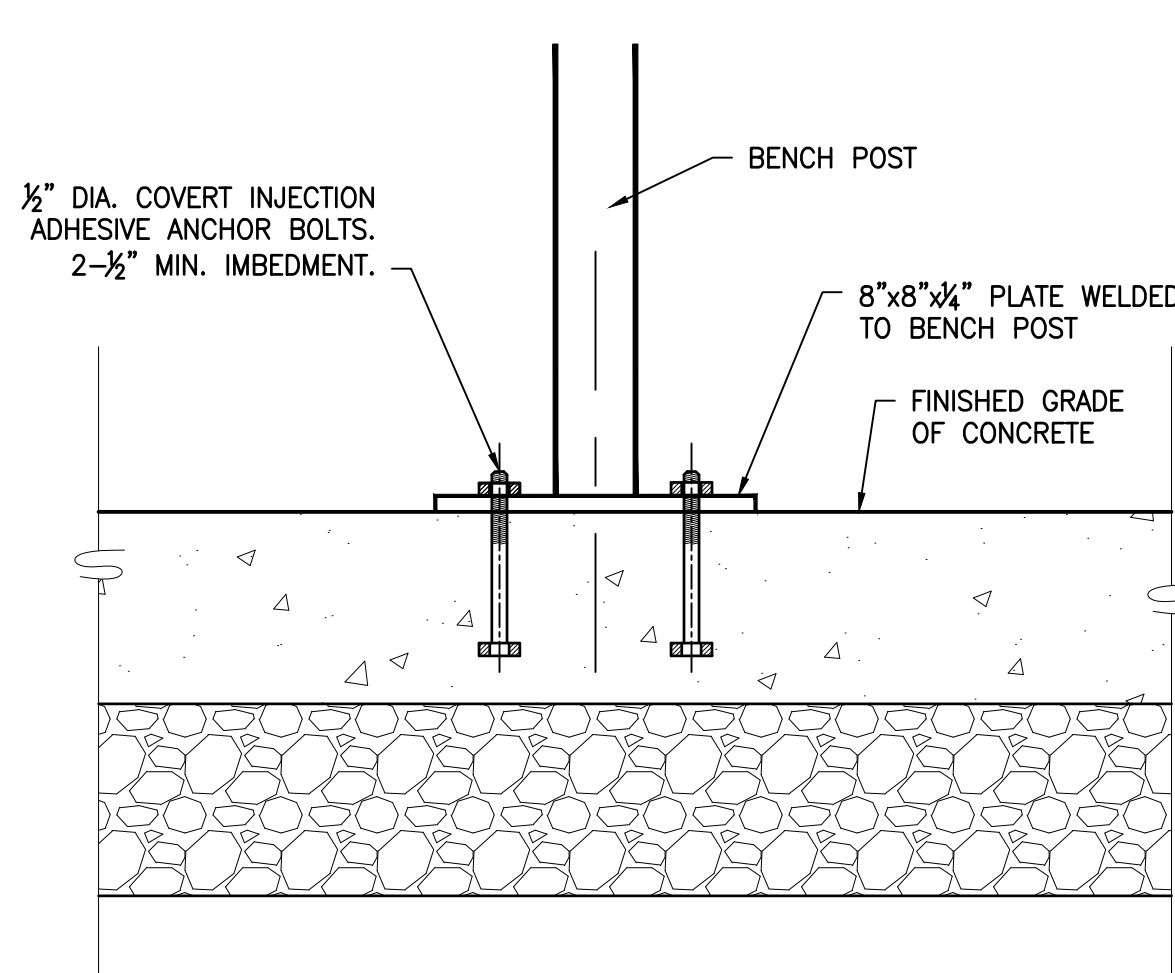


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Drawing No.	PP-2	Revision	Sheet

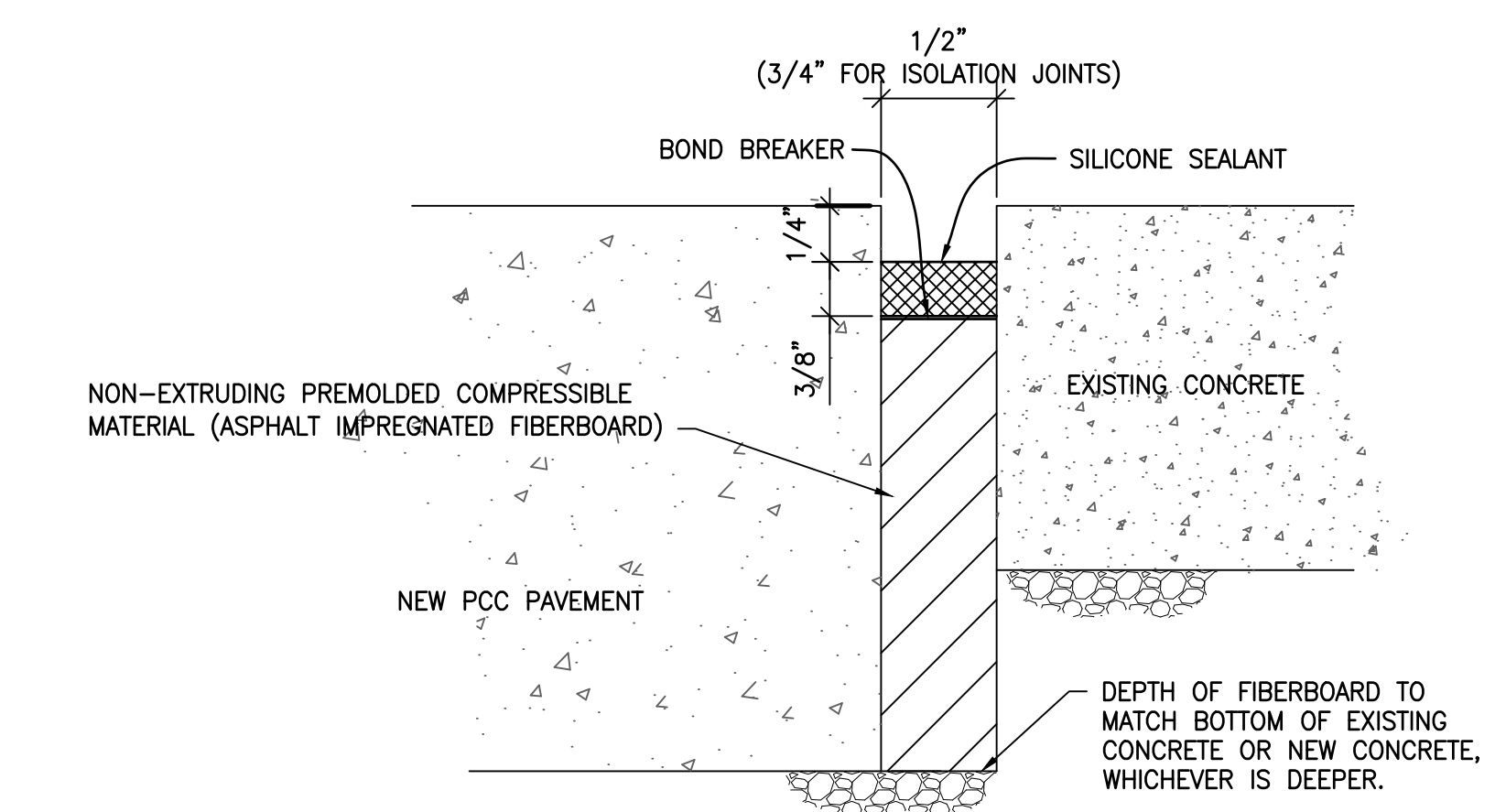


NOTE:
 1. FIBER-REINFORCED PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES. MIX DESIGN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTIONS (SSPWC). CEMENT SHALL BE TYPE II, A COARSE AGGREGATE GRADATION CONFORMING TO SIZE NO. 67 TUF STRAND FIBER REINFORCEMENT, AT 1.5 POUNDS PER CUBIC YARD OF CONCRETE, SHALL BE ADDED TO THE P.C.C. ALL MATERIALS SHALL CONFORM TO SSPWC.

1 TYPICAL CONCRETE SECTION
 DT-1 NTS

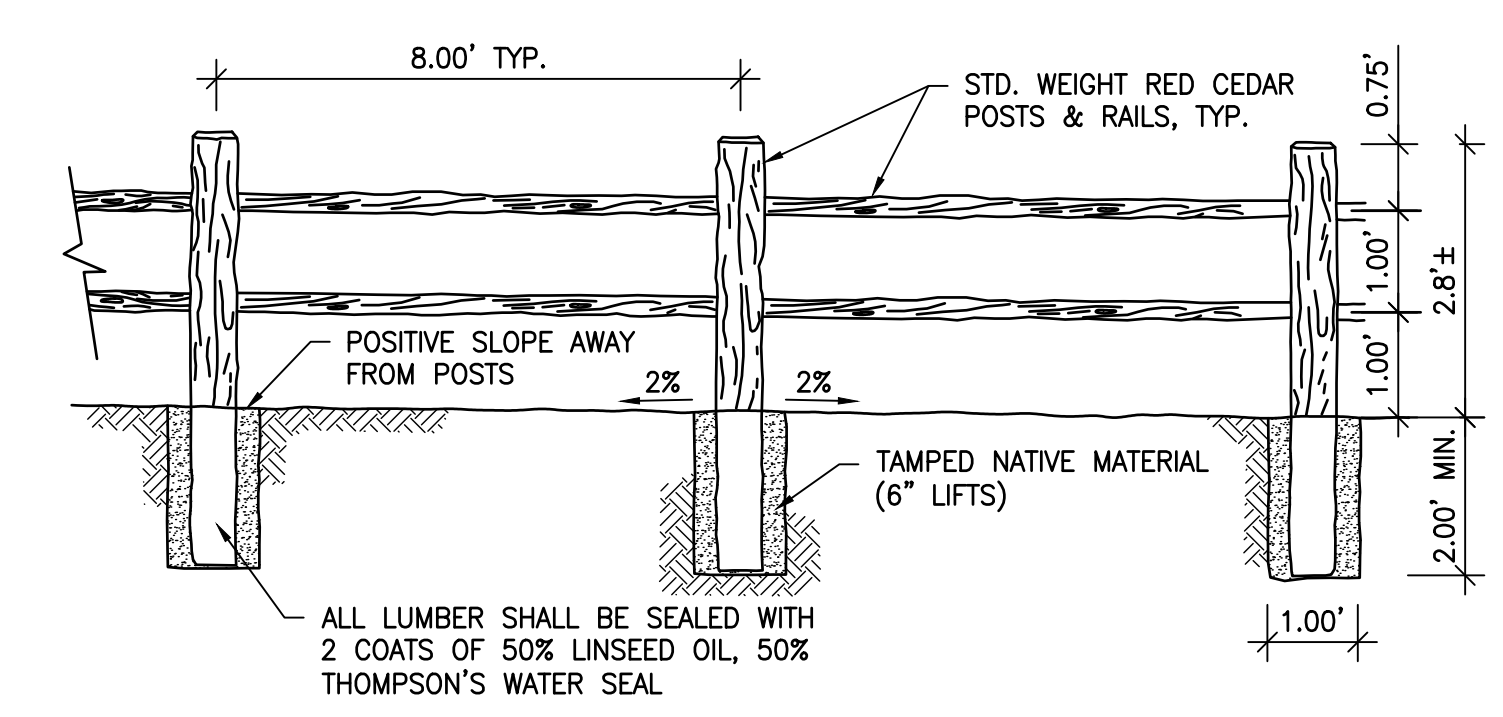


2 BENCH ATTACHMENT DETAIL
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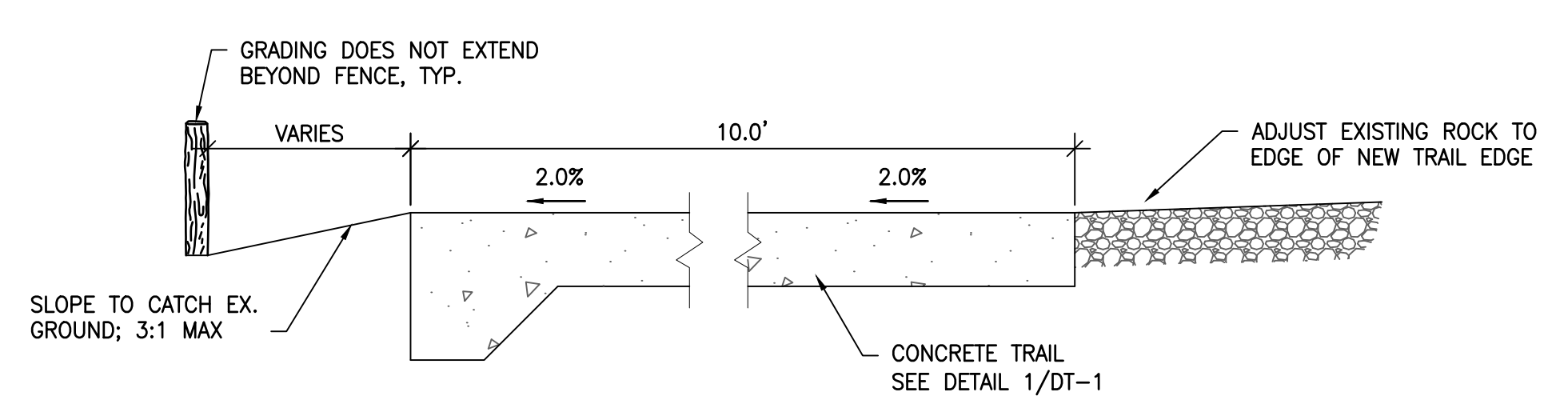


NOTES:
 1. EXPANSION JOINTS AS SHOWN ON THE PLANS SHALL CONSIST OF A 1/2 INCH PREMOLDED EXPANSION JOINT WITH WHITE CAP OR BACKER ROD AND CAULK. THE PREMOLDED EXPANSION JOINT MATERIAL IS AN ASPHALT COATED FIBER EXPANSION JOINT, THE WHITE CAP/BACKER IS A CLOSED BACKER ROD AND CAULK. WITHIN ROADWAY, THE CAULK SHALL BE A DOW CORNING 880 - SL SELF LEVELING SILICONE JOINT SEALANT, INCRETE SYSTEMS POWDER COLOR DARK GRAY (4 LBS PER SACK) - MATCH FRENCH GRAY, OR APPROVED EQUAL.

3 EXPANSION JOINT DETAIL
 DT-1 NTS

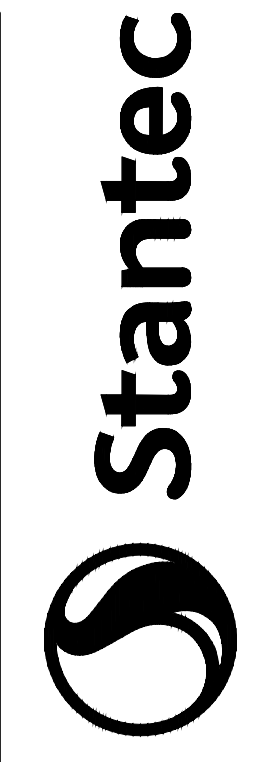
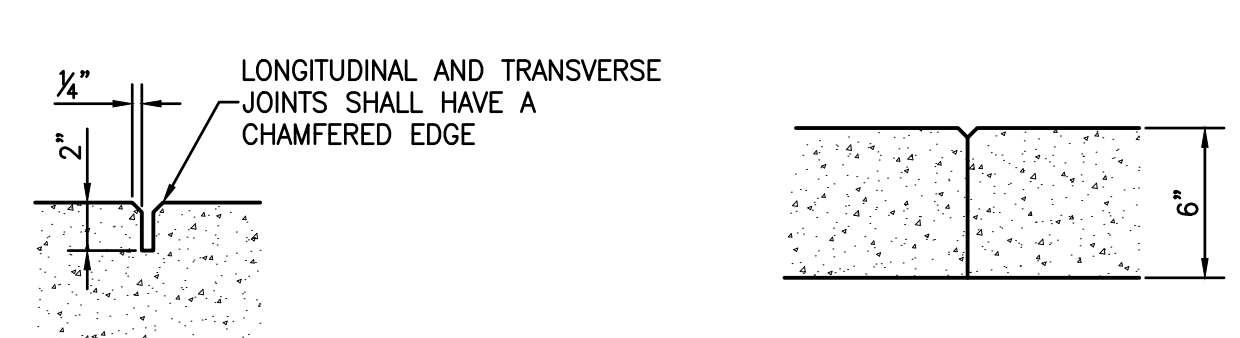


4 SPLIT RAIL FENCE DETAIL
 DT-1 NTS



NOTES:
 1. JOINTING PATTERN SHALL BE 5'x5' PANELS WITH CENTERLINE JOINT. SEE DETAIL A FOR CONTROL JOINTS AND DETAIL B FOR CONSTRUCTION JOINTS.
 2. ALL ADJACENT CONCRETE REMOVAL SHALL BE TO NEAT SAW CUT LINES AT RIGHT ANGLES TO NEW CONCRETE.
 3. JOINTS TO BE CUT AT A MINIMUM OF 4 HOURS TO A MAXIMUM OF 12 HOURS AFTER THE CONCLUSION OF BRUSH FINISHING.
 4. SEE DETAIL 3/DT-1 FOR EXPANSION JOINT DETAIL.
 5. FULLY WRAP POLES WITH MINIMUM 1/2" FLEXIBLE EXPANSION JOINT.
 6. CONCRETE REMOVAL SHALL BE TO AN EXISTING JOINT. PANELS SHALL BE FULL DEPTH SAWCUT TO PROVIDE A CLEAN EDGE PRIOR TO REPLACING P.C.C. ALLEY.

5 TYPICAL TRAIL SECTION
 DT-1 NTS



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Revision	By	App'd.	Y1.MM.DD
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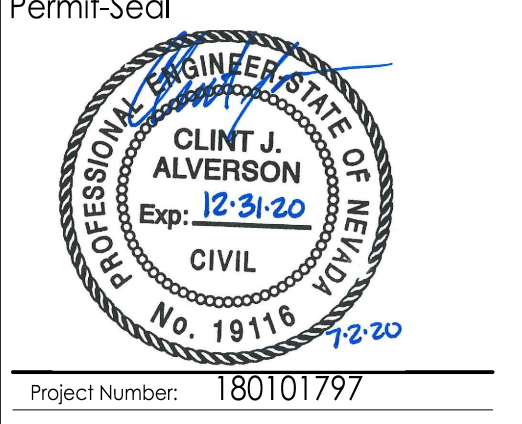
Client/Project
 CITY OF SPARKS
 DEPARTMENT OF PUBLIC WORKS
 TRAIL RECONSTRUCTION

NDOT PROJECT #60945
 FEDERAL PROJECT # TAP-0031(141)

ISSUED FOR BID

Sparks, Nevada

TYPICAL DETAILS



Project Number: 180101797
 File Name: 1797_TRAIL_DT.DWG

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Drawing No. DT-1
 Revision Sheet