

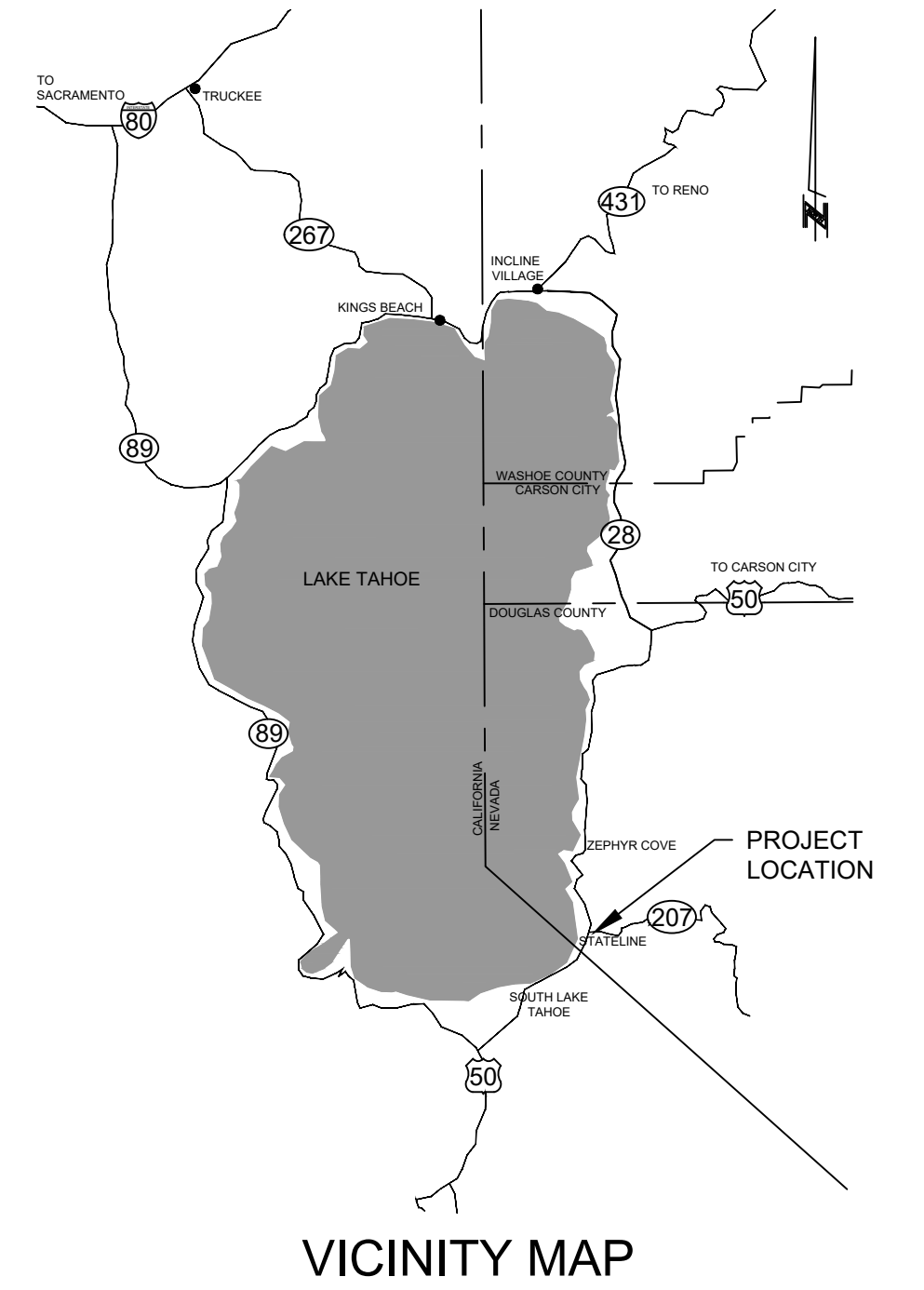
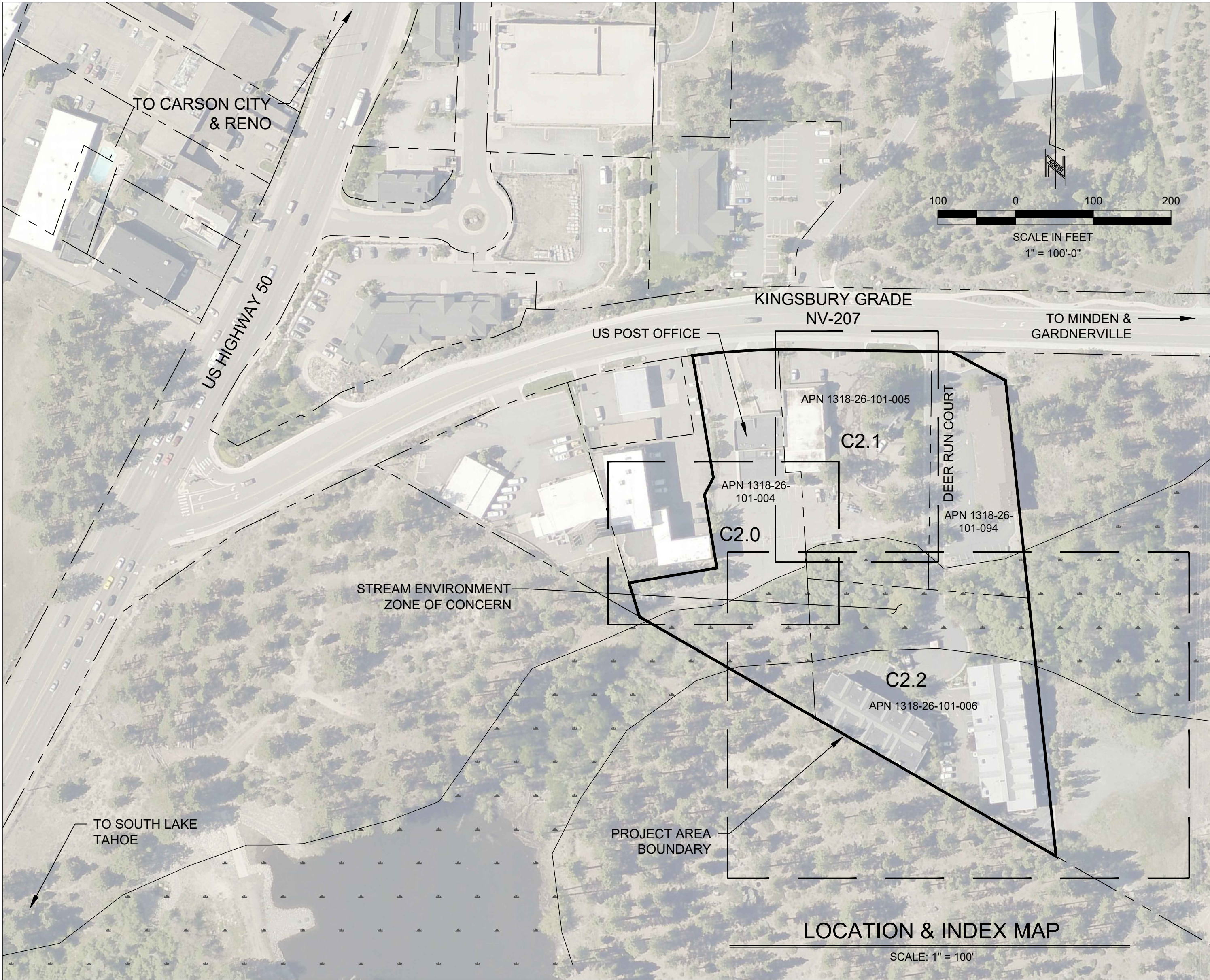
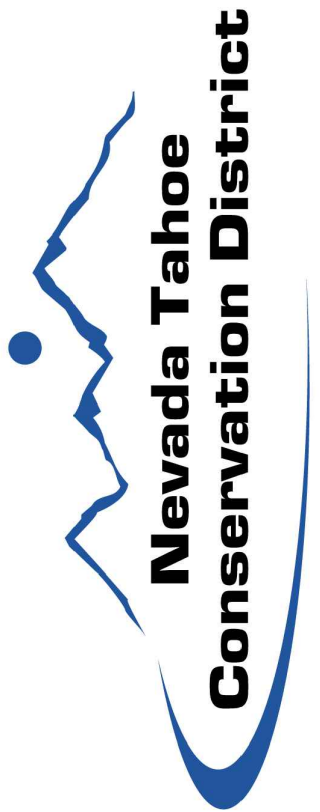
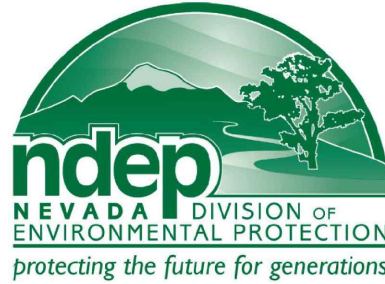
NEVADA TAHOE CONSERVATION DISTRICT

# LOWER KINGSBURY AREA-WIDE

## BMP RETROFIT

IN THE COUNTY OF DOUGLAS

EIP# 01.01.01.0193



| Sheet List Table                |           |          |
|---------------------------------|-----------|----------|
| SHEET TITLE                     | SHEET NO. | PAGE NO. |
| TITLE                           | i         | 1        |
| NOTES                           | ii        | 2        |
| LEGEND                          | iii       | 3        |
| DEMO PLAN AND CONSTRUCTION BMPS | C1.0      | 4        |
| DEMO PLAN AND CONSTRUCTION BMPS | C1.1      | 5        |
| CIVIL GRADING AND BMP PLAN      | C2.0      | 6        |
| CIVIL GRADING AND BMP PLAN      | C2.1      | 7        |
| DETAILS                         | D1.0      | 8        |
| DETAILS                         | D1.1      | 9        |

ENGINEER:

MEGHAN C. KELLY, P.E.  
REGISTERED CIVIL ENGINEER  
STATE OF NEVADA, NO. 20851  
NEVADA TAHOE CONSERVATION DISTRICT  
400 DORLA CT.  
ZEPHYR COVE, NV 89448  
(775) 586-1610

DATE

APPROVAL:

JEREMY HUTCHINGS, P.E.  
COUNTY ENGINEER  
DOUGLAS COUNTY, NEVADA

DATE

TAHOE REGIONAL PLANNING AGENCY

DATE

NTCD  
BID SET

TITLE  
LOWER KINGSBURY AREA-WIDE  
US POST OFFICE / RED HUT  
BMP RETROFIT

DESIGNED/DRAWN  
PJ  
CHECKED BY  
MK  
DATE  
7/17/2025  
SCALE  
AS SHOWN  
PROJECT  
LK BMP - NTCD  
SHEET

i  
1 OF 9



HORIZONTAL AND VERTICAL PROJECTION

VERTICAL CONTROL IS NAVD 88.  
HORIZONTAL CONTROL IS NEVADA STATE PLANE WEST, NAD 83, (U.S. FEET)



NOTES

DOUGLAS COUNTY GENERAL NOTES:

1. ALL IMPROVEMENTS SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION, AND TO THE SATISFACTION OF NEVADA TAHOE CONSERVATION DISTRICT (NTCD) AND DOUGLAS COUNTY. IMPROVEMENT CONSTRUCTION SHALL COMPLY WITH THESE PLANS AND THE MOST RECENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (ORANGE BOOK) ("STANDARD SPECIFICATIONS"). THE CONTRACTOR IS OBLIGATED TO BE FAMILIAR WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS NOT DISCUSSED IN THE GENERAL NOTES. THE CONTRACT SPECIAL TECHNICAL PROVISIONS SHALL SUPERSEDE THOSE OF THE STANDARD SPECIFICATIONS WHERE DISCREPANCIES OCCUR. ALL WORK AND MATERIALS NOT IN CONFORMANCE WITH THESE AMENDED SPECIFICATIONS AND DETAILS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. ONE WEEK PRIOR TO THE COMMENCEMENT OF ANY WORK, CONSTRUCTION OR INSTALLATIONS ASSOCIATED WITH THIS PERMIT, THE PERMITTEE SHALL NOTIFY THE DOUGLAS COUNTY INSPECTOR AT (775) 782-6237 OF INTENT TO BEGIN AND REQUEST/SCHEDULE PRECONSTRUCTION MEETING AT THE PROJECT SITE WITH DOUGLAS COUNTY CONSTRUCTION INSPECTOR. FAILURE TO PROVIDE PROPER INSPECTION NOTIFICATION AS PRESCRIBED ABOVE SHALL RESULT IN THIS PERMIT BECOMING INVALID AND WORK BEING STOPPED. NO WORK SHALL BE STARTED WITHOUT FIRST NOTIFYING THE COUNTY ENGINEERING INSPECTOR AT (775) 782-6237 AT LEAST 2 WORKING DAYS BEFORE WORK IS COMMENCED.
3. CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS TO OBTAIN THE NECESSARY SITE IMPROVEMENT PERMITS AND SHALL COMPLY WITH THE SITE IMPROVEMENT PERMIT CONDITIONS AS FOUND ON THE BACK OF THE PERMIT FORM.
4. THE APPROVED PLAN, PERMIT AND INSPECTION RECORD MUST BE ON THE JOB SITE AT ALL TIMES.
5. DOUGLAS COUNTY PARKS AND RECREATION, COMMUNICATIONS, AND SHERIFF'S OFFICE IS NOT REPRESENTED BY USA DIGS. WHEN THE CONTRACTOR EXCAVATES NEAR OR ADJACENT TO ANY OF THESE FACILITIES/PROPERTIES, THE CONTRACTOR SHALL CONTACT THE ADMINISTRATOR OF APPLICABLE DEPARTMENT AT PHONE NUMBER SHOWN ON COUNTY WEBSITE TO REQUEST ASSISTANCE IN LOCATING ALL THEIR UNDERGROUND FACILITIES. THIS REQUIREMENT MAY ALSO APPLY TO ANY OTHER COUNTY FACILITY/PROPERTY.
6. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK TO WATER AREAS AS NECESSARY TO CONTROL DUST. THE CONTRACTOR WILL PROVIDE SWEEPING PER SPECIFICATION. DUST SHALL BE CONTROLLED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY, AND IN ACCORDANCE WITH THE AIR QUALITY PERMIT FROM THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION WHEN REQUIRED.
7. THE ENGINEER HEREBY CERTIFIES AS EVIDENCED BY A PROFESSIONAL SEAL & SIGNATURE, THAT ALL AFFECTED UTILITY COMPANIES BOTH PUBLIC AND PRIVATE HAVE BEEN CONTACTED. ALL EXISTING AND/OR PROPOSED UTILITY LINES AND OTHER RELATED INFORMATION HAVE BEEN TRANSFERRED ONTO THESE PLANS. TO THE BEST OF ENGINEER'S KNOWLEDGE AND BASED ON INFORMATION FROM THE UTILITY COMPANY. THE ENGINEER ALSO HEREBY CERTIFIES THAT ALL EXISTING AND/OR PROPOSED PUBLIC RIGHT-OF-WAY AND EASEMENTS HAVE BEEN CORRECTLY PLOTTED AND SHOWN.
8. THE ENGINEER, OR LAND SURVEYOR OF RECORD SHALL CERTIFY UPON COMPLETION OF CONSTRUCTION THAT ALL PUBLIC IMPROVEMENTS (WATER AND SEWER UTILITIES, STORM DRAINAGE, CONCRETE, PAVING, STREET LIGHTS, ETC.) HAVE BEEN INSTALLED AT THE LOCATIONS AND ELEVATIONS SHOWN ON THE APPROVED PLANS. ANY CHANGES SHALL BE REFLECTED ON "AS-BUILT"/RECORD DRAWINGS PROVIDED BY THE ENGINEER TO THE COUNTY'S ENGINEERING DIVISION.
9. THE REGISTERED ENGINEER OR LAND SURVEYOR SHALL CERTIFY THAT THE MINIMUM HORIZONTAL AND VERTICAL SEPARATIONS BETWEEN UTILITIES WITHIN PUBLIC RIGHT-OF-WAY AND EASEMENTS HAVE BEEN MAINTAINED AS REQUIRED BY LAW OR POLICY.
10. THE DEVELOPER SHALL PROVIDE ALL CONSTRUCTION STAKING FOR THE PROJECT.
11. THE DEVELOPER OR THE ENGINEER IS RESPONSIBLE FOR ARRANGING THE RELOCATION OR REMOVAL OF ALL UTILITIES OR FACILITIES THAT ARE IN CONFLICT WITH THE PROPOSED PUBLIC IMPROVEMENTS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ALL UTILITIES, POWER POLES, IRRIGATION DRY-UPS, RESETS REMOVALS BY OTHERS, ETC.
12. THE CONTRACTORS SHALL LOCATE ALL UTILITIES PRIOR TO EXCAVATION AND AVOID DAMAGE TO SAME. CALL 811 FOR USA DIGS TWO WORKING DAYS PRIOR TO DIGGING.
13. CONTRACTORS SHALL COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AND BARRICADING PER THE APPROVED TRAFFIC CONTROL PLANS.
14. IF A FIRE HYDRANT IS NEEDED TO OBTAIN CONSTRUCTION WATER, THE CONTRACTOR SHALL OBTAIN A FIRE HYDRANT METER FROM DOUGLAS COUNTY PUBLIC WORKS OR APPLICABLE WATER PURVEYOR AND PAY ALL APPLICABLE FEES AND CHARGES.
15. IF DURING THE CONSTRUCTION OF A PUBLIC FACILITY, THE CONTRACTOR FAILS TO OR IS UNABLE TO COMPLY WITH A REQUEST TO THE ENGINEERING INSPECTOR, AND IT IS NECESSARY FOR COUNTY FORCES TO DO WORK THAT IS NORMALLY THE CONTRACTOR'S RESPONSIBILITY, THE COUNTY SHALL BE JUSTIFIED IN BILLING THE CONTRACTOR. EACH INCIDENT REQUIRING WORK BY COUNTY FORCES SHALL BE COVERED BY A SEPARATE BILLING AT THE CURRENT APPLICABLE RATES.
16. THE CONTRACTOR IS ADVISED THAT DAMAGE TO PUBLIC SERVICES OR SYSTEMS AS A RESULT OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AND INSPECTED BY THE ENGINEERING INSPECTOR. UNLESS OTHERWISE APPROVED BY THE COUNTY, ALL REPAIRS SHALL BE DONE WITHIN 24 HOURS. THE CONTRACTOR IS ADVISED THAT ANY COSTS RELATED TO REPAIR OR REPLACEMENT OF DAMAGED PUBLIC SERVICES AND SYSTEMS AS A RESULT OF CONTRACTOR'S ACTIVITIES SHALL BE BORNE BY THE CONTRACTOR.

DOUGLAS COUNTY PUBLIC STREET/RIGHT-OF-WAY IMPROVEMENT NOTES:

1. ALL FRAMES, COVERS, VALVE BOXES, MANHOLES, ETC., SHALL BE INSTALLED TO FINISH GRADE OR SHALL BE ADJUSTED TO FINISH GRADE AFTER PLACING OF ASPHALTIC SURFACE COURSE BY THE CONTRACTOR PER APPLICABLE DOUGLAS COUNTY STANDARD DETAILS.
2. THE CONTRACTOR SHALL ADJUST ALL FRAMES, COVERS, VALVE BOXES, MANHOLES, ETC. THAT ARE LOCATED WITHIN THE PARKWAY AREA AFTER FINAL GRADING AND INSTALLATION OF LANDSCAPING.

DOUGLAS COUNTY STORM DRAIN NOTES:

1. MANHOLE MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF SECTION 204 "MANHOLES AND CATCH BASINS" OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MINIMUM COMPRESSIVE STRENGTH @ 28 DAYS, (CURB AND GUTTER TRANSITION ONLY, ALL UNEXPOSED CONCRETE MAY BE 3000 PSI), MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES. ALL MATERIALS SHALL CONFORM TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 202.
3. REINFORCING STEEL SHALL BE GRADE 40 AND 1.5 INCHES MINIMUM CLEAR COVER.
4. ALL STORM DRAIN PIPE AND STRUCTURES SHALL BE CLEANED OF SEDIMENT AND DEBRIS PRIOR TO ISSUANCE OF A NOTICE OF COMPLETION OR CERTIFICATE OF OCCUPANCY.
5. FRAMES AND GRATES SHALL BE MATCHED TO ACHIEVE A CLOSE TOLERANCE FIT, WITH MINIMAL GAPS, AS APPROVED BY THE STORM DRAIN UTILITY.
6. PRECAST MANHOLES SECTIONS, OTHER THAN GRADE RINGS, SHALL BE JOINED WITH FLEXIBLE PLASTIC GASKET MATERIAL SUCH AS RAM-NEK OR APPROVED EQUAL PER MANUFACTURER'S RECOMMENDATIONS.
7. GRATES SHALL BE PLACED OUTSIDE OF THE PEDESTRIAN TRAVELED WAY. GRATE OPENINGS SHALL NOT EXCEED 0.5 INCHES IN WIDTH OR 4 INCHES IN LENGTH. GRATES SHALL BE TRAFFIC RATED AND ADA COMPLIANT.

DOUGLAS COUNTY GRADING NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, OSHA REQUIREMENTS FOR EXCAVATION, AND SPECIAL REQUIREMENTS OF THE PERMIT. VIOLATIONS WILL RESULT IN THE STOPPAGE OF ALL WORK UNTIL THE VIOLATION IS CORRECTED.
2. NO WORK SHALL BE STARTED WITHOUT FIRST NOTIFYING THE COUNTY ENGINEERING INSPECTOR AT (775) 782-6237 AT LEAST 2 WORKING DAYS BEFORE WORK IS COMMENCED.
3. SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL, OR AS DETERMINED BY THE GEOTECHNICAL ENGINEER AND APPROVED BY THE COUNTY.
4. FILLS SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION."
5. THE ENGINEER OF RECORD SHALL PROVIDE THE COUNTY AND ALL OTHER APPROPRIATE ENTITIES WITH COPIES OF ALL TEST RESULTS ON A WEEKLY BASIS AND A BOUND REPORT OF THE TEST RESULTS AND INSPECTION REPORTS, ARRANGED IN CHRONOLOGICAL ORDER, AT THE COMPLETION OF THE PROJECT. THE ENGINEER OF RECORD SHALL PROVIDE THE COUNTY WITH AN OPINION REGARDING THE CONSTRUCTION SIMILAR TO THE FOLLOWING:

ENGINEER'S OPINION  
I HEREBY CERTIFY THAT I AM A LICENSED ENGINEER IN THE STATE OF NEVADA. TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS, AND IN MY PROFESSIONAL OPINION, IS IN COMPLIANCE WITH APPLICABLE LAWS, CODES AND ORDINANCES.

6. FILL AREAS SHALL BE CLEARED OF ALL VEGETATION AND DEBRIS, SCARIFIED, AND BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO THE PLACING OF FILL.
7. PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS SHALL BE USED TO PROTECT ADJOINING PROPERTIES DURING CONSTRUCTION OF IMPROVEMENTS.
8. DUST SHALL BE CONTROLLED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY, AND IN ACCORDANCE WITH THE AIR QUALITY PERMIT FROM THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION WHEN REQUIRED.
9. ALL STREETS SHALL BE MAINTAINED FREE OF DUST AND MUD CAUSED BY GRADING OPERATIONS. ALL OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE STORMWATER DISCHARGE PERMIT FROM THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION.
10. THE DEVELOPER'S ENGINEER OR SURVEYOR SHALL SET GRADE STAKES FOR ALL DRAINAGE DEVICES AND THE CONTRACTOR SHALL OBTAIN INSPECTION BEFORE PLACING CONCRETE.
11. NO ROCK OR SIMILAR MATERIAL GREATER THAN 4" IN DIAMETER SHALL BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE GEOTECHNICAL ENGINEER IN ADVANCE AND APPROVED BY THE COUNTY.
12. IN THE EVENT OF CHANGES ARISING DURING CONSTRUCTION, THE NTCD ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR REVIEW AND APPROVAL BY THE COUNTY. NO CHANGES IN THE DESIGN WILL BE PERMITTED UNLESS WRITTEN APPROVAL IS GIVEN BY THE COUNTY.
13. EROSION CONTROL:

13.1. IN CASE OF EMERGENCY CALL (INSERT NAME AND TELEPHONE NUMBER OF OWNER'S RESPONSIBLE AND AUTHORIZED PERSON).

13.2. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES. NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT APPROVED LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR DAMAGED EROSION CONTROL MEASURES.

13.3. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK BERMS AND DESILTING FACILITIES. GRADED SLOPE SURFACE PROTECTION MEASURES DAMAGED DURING THE RAINSTORM SHALL ALSO BE REPAIRED.

13.4. FILL SLOPES AT THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE TOP OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.

13.5. A SIX-FOOT HIGH PERIMETER FENCE OR A 24-HOUR GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN A FACILITY EXCEEDS 18 INCHES.

13.6. STORMWATER SHALL BE CONTROLLED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY AND IN ACCORDANCE WITH THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION STORMWATER PERMIT.

13.7. CONTRACTOR SHALL REVEGETATE WITH TEMPORARY IRRIGATION ON ALL CUT AND FILL SLOPES AND ALL OTHER DISTURBED AREAS UNLESS OTHERWISE DIRECTED BY DOUGLAS COUNTY.

NTCD & TRPA NOTES

1. CONTRACTOR SHALL MAINTAIN A SET OF PLANS ON SITE SHOWING "AS CONSTRUCTED" CHANGES. UPON COMPLETION, CONTRACTOR SHALL SUPPLY DOUGLAS COUNTY AND NTCD A SET OF "AS BUILT" PLANS. SEE SPECIAL PROVISIONS.
2. MOBILIZATION/STAGING AND STORAGE AREAS ARE TO BE SECURED BY THE CONTRACTOR AND APPROVED BY TRPA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF MOBILIZATION SITES, INCLUDING PLACEMENT AND MAINTENANCE OF BMPS.
3. PRIOR TO STARTING WORK, THE CONTRACTOR SHALL INSTALL TEMPORARY BMP MEASURES AT LOCATIONS WHERE NEEDED TO CONTROL EROSION AND WATER POLLUTION DURING THE CONSTRUCTION OF THE PROJECT. THE BMP MEASURES SHALL REMAIN IN PLACE AND SHALL BE MAINTAINED IN A FUNCTIONAL CONDITION FOR THE DURATION OF THE CONSTRUCTION. DURING CONSTRUCTION ENVIRONMENTAL PROTECTION DEVICES, SUCH AS EROSION CONTROL, DUST CONTROL, AND VEGETATION PROTECTION DEVICES SHALL BE MAINTAINED AT ALL TIMES. SILT FENCE OR SEDIMENT LOGS WILL BE REQUIRED AT OTHER LOCATIONS AS SHOWN ON THE DRAWINGS OR STAKED IN THE FIELD BY THE ENGINEER. ALL EROSION CONTROL MEASURES SHALL MEET OR EXCEED TRPA REQUIREMENTS.
4. ALL EXISTING VEGETATION SHALL BE PRESERVED UNLESS SPECIFICALLY IDENTIFIED BY THE ENGINEER FOR REMOVAL. BMPS TO PROTECT VEGETATION SHALL BE INSTALLED BY THE CONTRACTOR IF REQUIRED BY TRPA. CONTRACTOR TO REVEGETATE ANY AREAS OUTSIDE THE DISTURBED AREA SHOWN ON THE PLANS WITH PLANTS APPROVED BY TRPA AT THEIR OWN EXPENSE.
5. NTCD WILL PROVIDE ONE SET OF CONSTRUCTION STAKES AT NTCD'S EXPENSE. ADDITIONAL CONSTRUCTION STAKES WILL BE PROVIDED AT THE CONTRACTOR'S EXPENSE. LIMITS FOR ALL ITEMS OF WORK SHALL BE STAKED IN THE FIELD BY THE ENGINEER. THESE LIMITS AND THE RESULTING TREATMENT LENGTH/AREAS MAY VARY FROM THOSE SHOWN ON THE DRAWINGS. PAYMENT FOR ITEMS OF WORK WILL BE MADE FOR THE AMOUNT AUTHORIZED BY THESE FIELD STAKED LIMITS AND THE SPECIAL TECHNICAL PROVISIONS.
6. UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. WHERE EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AND ALL AFFECTED UTILITY COMPANIES TO LOCATE ALL BURIED UTILITIES AT LEAST 48 HOURS PRIOR TO EXCAVATION. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR RELOCATION OF UTILITIES AS REQUIRED BY THE WORK. WHENEVER CONNECTIONS TO OR CLEARANCE FROM ANY UTILITY IS REQUIRED, THE CONTRACTOR SHALL POTHOLE TO VERIFY THE LOCATION, SIZE AND MATERIAL OF THE UTILITY PRIOR TO CONSTRUCTION. CALL 811 FOR USA DIGS TWO WORKING DAYS PRIOR TO DIGGING.
7. ANY DAMAGE DONE BY THE CONTRACTOR OR HIS SUBCONTRACTORS TO PRIVATE PROPERTY AND/OR OUTSIDE OF THE NOTED LIMITS OF WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR AND/OR HIS SUBCONTRACTORS.
8. THE CONTRACTOR WILL PROVIDE INITIAL TESTING AND INSPECTION OF WORK AND MATERIAL AT CONTRACTOR'S EXPENSE. THE COST OF REMOVAL AND/OR REPLACEMENT OF ANY DEFECTIVE WORK OR MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR. THE COST OF RETESTING AND/OR INSPECTING OF REPLACED WORK AND MATERIAL IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR. SUCH COSTS WILL BE DEDUCTED FROM ANY MONEYS DUE OR WHICH MAY BECOME DUE TO THE CONTRACTOR.
9. STANDARD WORK DAYS SHALL BE MONDAY THROUGH FRIDAY. SATURDAY AND SUNDAY MAY BE WORKED ON OCCASION ONLY TO MAKE UP FOR WEATHER DELAYS OR OTHER SCHEDULE DELAYS WITH TRPA APPROVAL. NOISE GENERATING ACTIVITIES WILL BE LIMITED TO THE HOURS OF 8:00 AM TO 6:30 PM. NOISE SHALL BE REDUCED BY THE MANDATORY USE OF MUFFLERS ON ALL CONSTRUCTION VEHICLES AND EQUIPMENT. WHERE FEASIBLE, SOLENOIDAL PAVEMENT BREAKERS WILL BE USED IN LIEU OF AIR POWERED JACK HAMMERS.
10. SOIL AND CONSTRUCTION MATERIAL SHALL NOT BE TRACKED OFF THE CONSTRUCTION SITE. GRADING OPERATIONS SHALL CEASE IN THE EVENT THAT A DANGER OF VIOLATING THIS CONDITION EXISTS.
11. LOOSE SOIL MOUNDS OR SURFACES SHALL BE PROTECTED FROM WIND OR WATER EROSION BY BEING APPROPRIATELY COVERED WHEN CONSTRUCTION IS NOT IN ACTIVE PROGRESS OR WHEN REQUIRED BY TRPA.
12. EXCAVATED MATERIAL SHALL BE STORED UPGRADE FROM THE EXCAVATED AREA WHENEVER POSSIBLE. NO MATERIAL SHALL BE STORED IN ANY STREAM ENVIRONMENT ZONE (SEZ) OR WET AREA.
13. SOIL AND CONSTRUCTION MATERIAL SHALL NOT BE TRACKED OFF THE CONSTRUCTION SITE. GRADING OPERATIONS SHALL CEASE IN THE EVENT THAT A DANGER OF VIOLATING THIS CONDITION EXISTS.
14. LOOSE SOIL MOUNDS OR SURFACES SHALL BE PROTECTED FROM WIND OR WATER EROSION BY BEING APPROPRIATELY COVERED WHEN CONSTRUCTION IS NOT IN ACTIVE PROGRESS OR WHEN REQUIRED BY TRPA.
15. EXCAVATED MATERIAL SHALL BE STORED UPGRADE FROM THE EXCAVATED AREA WHENEVER POSSIBLE. NO MATERIAL SHALL BE STORED IN ANY STREAM ENVIRONMENT ZONE (SEZ) OR WET AREA.
16. ONLY EQUIPMENT OF A SIZE AND TYPE THAT WILL DO THE LEAST AMOUNT OF DAMAGE, UNDER PREVAILING SITE CONDITIONS, AND CONSIDERING THE NATURE OF THE WORK TO BE PERFORMED, WILL BE USED.
17. NO WASHING OF VEHICLES OR HEAVY EQUIPMENT, INCLUDING CEMENT MIXERS, SHALL BE PERMITTED ANYWHERE ON THE SUBJECT PROPERTY UNLESS AUTHORIZED BY TRPA IN WRITING.
18. NO VEHICLE OR HEAVY EQUIPMENT SHALL BE ALLOWED IN A STREAM ENVIRONMENT ZONE OR WET AREA EXCEPT AS AUTHORIZED BY TRPA.
19. ALL CONSTRUCTION SHALL BE WINTERIZED BY OCTOBER 15 TO REDUCE THE WATER QUALITY IMPACTS ASSOCIATED WITH WINTER WEATHER.
20. THE CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATE IN, THE COUNTY RIGHT-OF-WAYS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SYSTEM. PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS SHALL BE USED TO PROTECT ADJOINING PROPERTIES DURING CONSTRUCTION OF IMPROVEMENTS. ALL STREETS SHALL BE MAINTAINED FREE OF DUST AND MUD CAUSED BY GRADING OPERATIONS. ALL OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE STORMWATER DISCHARGE PERMIT FROM THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION.
21. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LONGER THAN 24 HOURS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS BEEN TEMPORARILY OR PERMANENTLY CEASED.
22. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPS WEEKLY, PRIOR TO A FORECASTED RAIN EVENT AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS FROZEN GROUND CONDITIONS OF SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO STORM WATER GENERAL PERMIT NVR100000, SECTION 1.B.1.G. AND THE PROJECT SWPPP
23. TRAFFIC CONTROL AND LANE CLOSURES WILL BE PER DOUGLAS COUNTY AND NDOT STANDARD SPECIFICATIONS WHERE APPLICABLE. ANY ROAD CLOSURES REQUIRE THE CONTRACTOR TO OBTAIN A ROAD CLOSURE PERMIT FROM DOUGLAS COUNTY.
24. PRECAST MANHOLES SECTIONS, OTHER THAN GRADE RINGS, SHALL BE JOINED WITH FLEXIBLE PLASTIC GASKET MATERIAL SUCH AS RAM-NEK OR APPROVED EQUAL PER MANUFACTURER'S RECOMMENDATIONS.

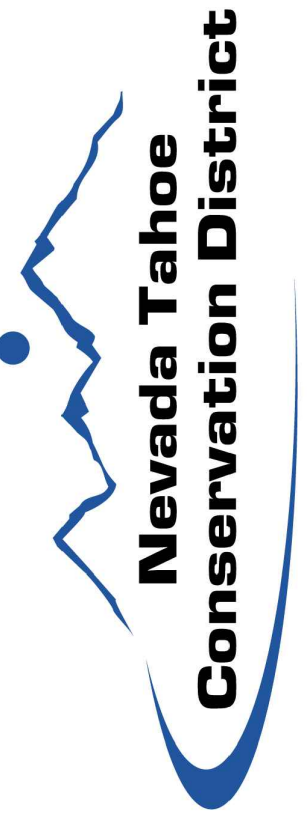
UTILITIES

CABLE TELEVISION  
NATURAL GAS  
ELECTRIC  
STORM DRAIN  
SEWER WATER  
WATER  
PHONE  
USA DIGS

CHARTER COMMUNICATIONS, (775) 588-1077  
SOUTHWEST GAS, (877) 860-6022  
NV ENERGY, (775) 834-4444  
DOUGLAS COUNTY PUBLIC WORKS (775) 782-9989  
DOUGLAS COUNTY LAKE TAHOE SEWER AUTHORITY, (775) 588-3558  
KINGSBURY GID, (775) 588-3548  
FRONTIER, (775) 782-0966, ATT (800) 288-2020  
(800) 642-2444 OR 811



NTCD  
BID SET



NOTES  
LOWER KINGSBURY AREA-WIDE  
US POST OFFICE / RED HUT  
BMP RETROFIT

DESIGNED/DRAWN  
PJ

CHECKED BY  
MK

DATE  
7/17/2025

SCALE  
AS SHOWN

PROJECT  
LK BMP - NTCD

SHEET

ii  
2 OF 9



ABBREVIATIONS

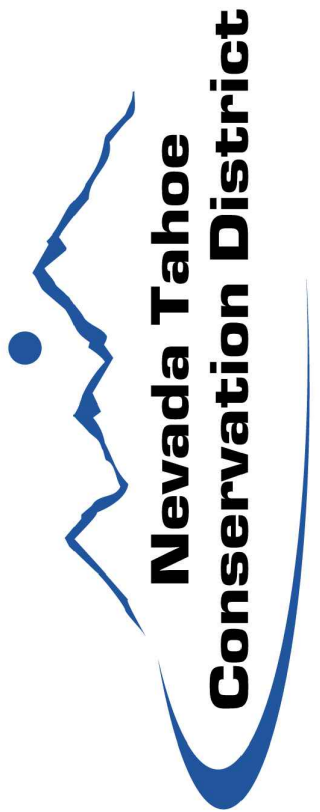
|  |   |          |  |
|--|---|----------|--|
| NOT ALL ABBREVIATIONS LISTED ARE USED IN THESE PLANS |   |          |  |
| A.B.   | AGGREGATE BASE                              | NTCD     | NEVADA TAHOE CONSERVATION DISTRICT       |
| AC.  | ACRE  | N.T.S.   | NOT TO SCALE                             |
| A.C.   | ASPHALT CONCRETE                            | NO.      | NUMBER                                   |
| @  | AT  | OC       | ON CENTER                                |
| APPROX.  | APPROXIMATE                                 | OG       | ORIGINAL GRADE                           |
| AVG.   | AVERAGE                                     | OH(E/T)  | OVERHEAD ELECTRIC OR TELEPHONE LINES     |
| AWWA   | AMERICAN WATER WORKS ASSOCIATION            | ±        | PLUS OR MINUS                            |
| BC   | BEGIN CURVE                                 | P        | PIPE                                     |
| C&G  | CURB AND GUTTER                             | PT.      | POINT                                    |
| CATV   | CABLE TELEVISION                            | PCC      | POINT OF COMPOUND CURVE, PORTLAND CEMENT |
| C.B.   | CATCH BASIN                                 | PC       | POINT OF CURVATURE                       |
| CL   | CENTERLINE                                  | PI       | POINT OF INFLECTION                      |
| CLR.   | CLEAR                                       | PIP      | PROTECT IN PLACE                         |
| CO.  | CLEAN OUT                                   | PVC      | POLYVINYL CHLORIDE                       |
| CONST.   | CONSTRUCT                                   | PVMT     | PAVEMENT                                 |
| CF   | CUBIC FEET                                  | POC      | POINT ON CURVE                           |
| CMP  | CORRIGATED METAL PIPE                       | POS      | POSITIVE                                 |
| CY   | CUBIC YARD                                  | PRC      | POINT OF REVERSE CURVE                   |
| D.G.   | DECOMPOSED GRANITE                          | PSI      | POUNDS PER SQUARE INCH                   |
| DCLTSA   | DOUGLAS COUNTY LAKE TAHOE SEWER AUTHORITY   | PL       | PROPERTY LINE                            |
| DEG  | DEGREE(S)                                   | PO       | PUSH ON                                  |
| DI   | DROP INLET                                  | PUE      | PUBLIC UTILITY EASEMENT                  |
| DIA.   | DIAMETER                                    | R        | RADIUS                                   |
| DR   | DIMENSION RATIO                             | RCP      | REINFORCED CONCRETE PIPE                 |
| DWG  | DRAWING                                     | REVEG    | REVEGATATION                             |
| DW, DWY  | DRIVEWAY                                    | RLC      | ROCK LINED CHANNEL                       |
| EA   | EASEMENT                                    | RPM      | RESOURCE PROTECTION MEASURES             |
| EASE.  | EXISTING GRADE                              | RT,R     | RIGHT                                    |
| EG   | ELECTRIC                                    | RWQCB    | REGIONAL WATER QUALITY CONTROL BOARD     |
| ELEC   | ELEVATION                                   | R/W, ROW | RIGHT-OF-WAY                             |
| ELEV.  | EDGE OF PAVEMENT                            | SS       | SANITARY SEWER, STAINLESS STEEL          |
| EP   | END CURVE                                   | SSCO.    | SANITARY SEWER CLEAN OUT                 |
| EC   | EXISTING                                    | SSMH     | SANITARY SEWER MANHOLE                   |
| EX.  | FINISH GRADE                                | S        | SLOPE                                    |
| FG   | FIRE HYDRANT                                | S        | SOUTH                                    |
| FH   | FLANGE COUPLER ADAPTER                      | SF       | SQUARE FOOT/FEET                         |
| FCA  | FLARED END SECTION (METAL)                  | SHT      | SHEET                                    |
| FES  | FLOWLINE                                    | SN       | SNAG                                     |
| FL   | FLANGED                                     | STD      | STANDARD                                 |
| FLG  | FOOT, FEET                                  | SDR      | STANDARD DIMENSION RATIO                 |
| FT.  | FOOTING                                     | SSPWC    | STANDARD SPECIFICATIONS FOR PUBLIC WORKS |
| FTG  | FLUSH VALVE                                 | STA      | STATION                                  |
| FV   | DEGREE                                      | SD       | STORM DRAIN                              |
| °  | GAS   | SDMH     | STORM DRAIN MANHOLE                      |
| G  | GATE VALVE                                  | TBC      | TOP BACK OF CURB                         |
| GV   | GRADE BREAK                                 | TOC      | TOP OF CURB                              |
| GB   | HIGH DENSITY POLYETHYLENE                   | TRPA     | TAHOE REGIONAL PLANNING AGENCY           |
| HDPE   | NON-PERFORATED HIGH DENSITY POLYETHYLENE    | TW       | TOP OF WALL                              |
| HDPE-NP  | PERFORATED HIGH DENSITY POLYETHYLENE        | TYP      | TYPICAL                                  |
| HDPE-P   | HIGH POINT                                  | UGE      | UNDERGROUND ELECTRIC LINES               |
| HP   | HORIZONTAL                                  | UGT      | UNDERGROUND TELEPHONE LINES              |
| HOR., HORIZ.   | INCH  | USFS     | UNITED STATES FOREST SERVICE             |
| IN.  | INVERT ELEVATION                            | VC       | VERTICAL CURVE                           |
| IE   | IRRIGATION                                  | VG       | VALLEY GUTTER                            |
| IRR.   | LAHONTAN REGIONAL WATER CONTROL BOARD       | VPC      | VERTICAL POINT OF CURVATURE              |
| LRWCB  | LEFT  | VPI      | VERTICAL POINT OF INFLECTION             |
| L  | LENGTH                                      | VPT      | VERTICAL POINT OF TANGENT                |
| LEN.   | LINEAR FEET                                 | W        | WATER                                    |
| LF   | LOW IMPACT DEVELOPMENT                      | WL       | WATERLINE                                |
| LID  | LOW POINT                                   | W        | WEST                                     |
| LP   | LUMP SUM                                    | W/       | WITH                                     |
| LS   | MANHOLE                                     | WM       | WATER METER                              |
| MH   | MAXIMUM                                     |          |  |
| MAX.   | MAXIMUM DRY DENSITY                         |          |  |
| MDD  | MECHANICAL JOINT                            |          |  |
| MJ   | MILE  |          |  |
| MI.  | MINIMUM                                     |          |  |
| MIN.   | MISCELLANEOUS                               |          |  |
| MISC.  | NORTH                                       |          |  |
| N  | NOT IN CONTRACT                             |          |  |
| N.I.C.   | NEVADA DIVISION OF ENVIRONMENTAL PROTECTION |          |  |
| NDEP   |   |          |  |

LEGEND

NOTE: LEGENDS PROVIDED ON INDIVIDUAL PLAN SHEETS OVERRIDES THIS LEGEND

| EXISTING |                                | PROPOSED |   |
|----------|--------------------------------|----------|---|
|          | MAJOR CONTOUR                  |          | MAJOR CONTOUR                               |
|          | MINOR CONTOUR                  |          | MINOR CONTOUR                               |
|          | EXISTING MAJOR CONTOUR LABEL   |          | MAJOR CONTOUR LABEL                         |
|          | EXISTING ALIGNMENT             |          | CENTERLINE ALIGNMENT                        |
|          | EXISTING GRADE (SECTION VIEW)  |          | GRADING DAYLIGHT LINE                       |
|          | PROPERTY LINE                  |          | FLOODPLAIN BOUNDARY                         |
|          | FENCE                          |          | REMOVE TREE                                 |
|          | EDGE OF PAVEMENT               |          | PLACE BOULDER                               |
|          | CULVERT / STORM DRAIN LINE     |          | DEWATERING PIPE                             |
|          | CATCH BASIN                    |          | CONSTRUCTION ACCESS ROUTE                   |
|          | FLARED END SECTION             |          | CONSTRUCTION STAGING AREA                   |
|          | CHANNEL                        |          | ROCK ENERGY DISSIPATOR / ROCK LINED CHANNEL |
|          | TREE - (DIAMETER) JEFFREY PINE |          | EQUIPMENT EXCLUSION BOUNDARY                |
|          | (DIAMETER) SNAG                |          | EX. BUILDING                                |
|          | FIRE HYDRANT                   |          | REMOVE PAVEMENT                             |
|          | CONCRETE CURB & GUTTER         |          | DEMO ARE                                    |
|          | CONTROL POINT                  |          | COFFER DAM                                  |
|          | SIGN                           |          | FILTER FENCE                                |
|          | CONCRETE BOX CULVERT HEADWALL  |          | CONSTRUCTION LIMIT FENCING                  |
|          | UTILITY POLE AND GUY WIRE      |          | DEWATERING AREA                             |
|          | OVERHEAD ELECTRIC              |          | PAVING                                      |
|          | UNDERGROUND ELECTRIC           |          | GRADE BREAK                                 |
|          | GAS LINE                       |          | STORM DRAIN W/ FLARED END SECTION           |
|          | SANITARY SEWER LINE            |          | BURKE CREEK CHANNEL RESTORATION             |
|          | WATER LINE                     |          |   |

|  |   |
|--|---|
|  | SECTION OR DETAIL IDENTIFICATION                    |
|  | NUMBER OF SHEET ON WHICH SECTION OR DETAIL IS DRAWN |
|  | SECTION OR DETAIL IDENTIFICATION                    |
|  | SYMBOL FOR DETAIL ON THE SAME SHEET                 |



LEGEND  
LOWER KINGSBURY AREA-WIDE  
US POST OFFICE / RED HUT  
BMP RETROFIT

|                          |
|--------------------------|
| DESIGNED/DRAWN<br>PJ     |
| CHECKED BY<br>MK         |
| DATE<br>7/17/2025        |
| SCALE<br>AS SHOWN        |
| PROJECT<br>LK BMP - NTCD |
| SHEET                    |

NTCD  
BID SET

iii  
3 OF 9

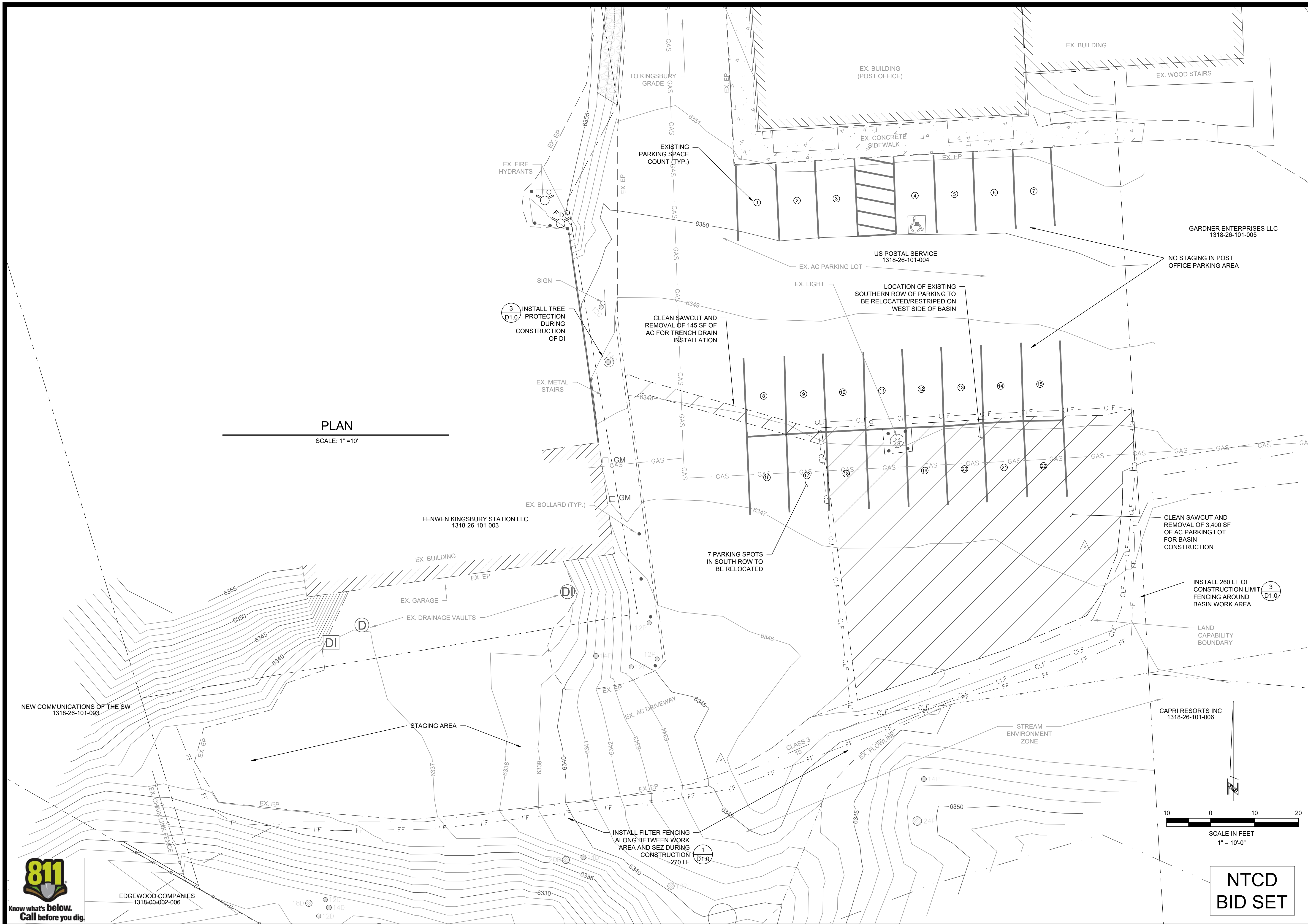




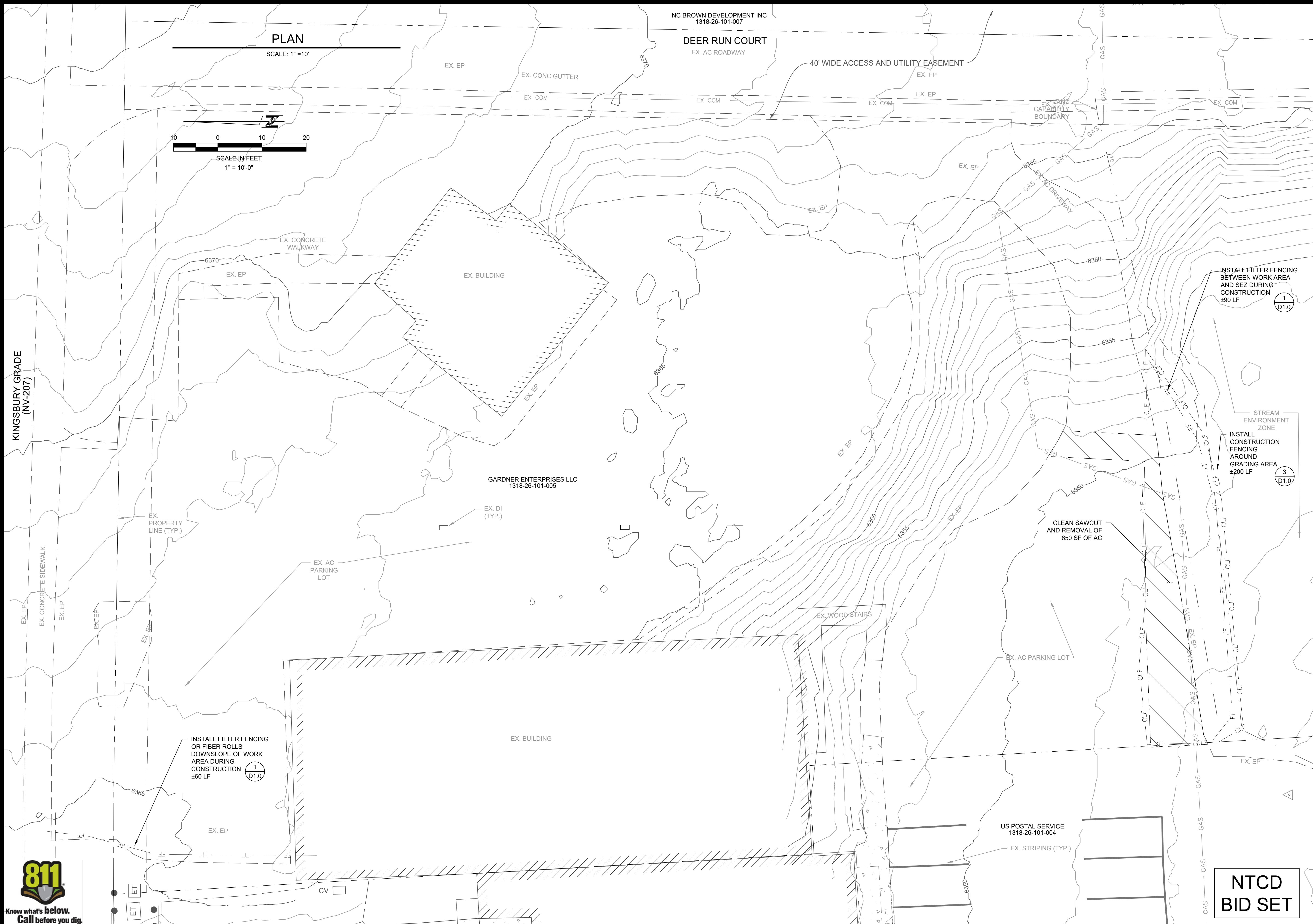
**DEMO PLAN AND CONSTRUCTION BMPs  
LOWER KINGSBURY AREA-WIDE  
US POST OFFICE / RED HUT  
BMP RETROFIT**


DESIGNED/DRAWN  
PJ  
CHECKED BY  
MK  
DATE  
7/17/2025  
SCALE  
AS SHOWN  
PROJECT  
LK BMP - NTCD  
SHEET

**C1.0**  
4 OF 9









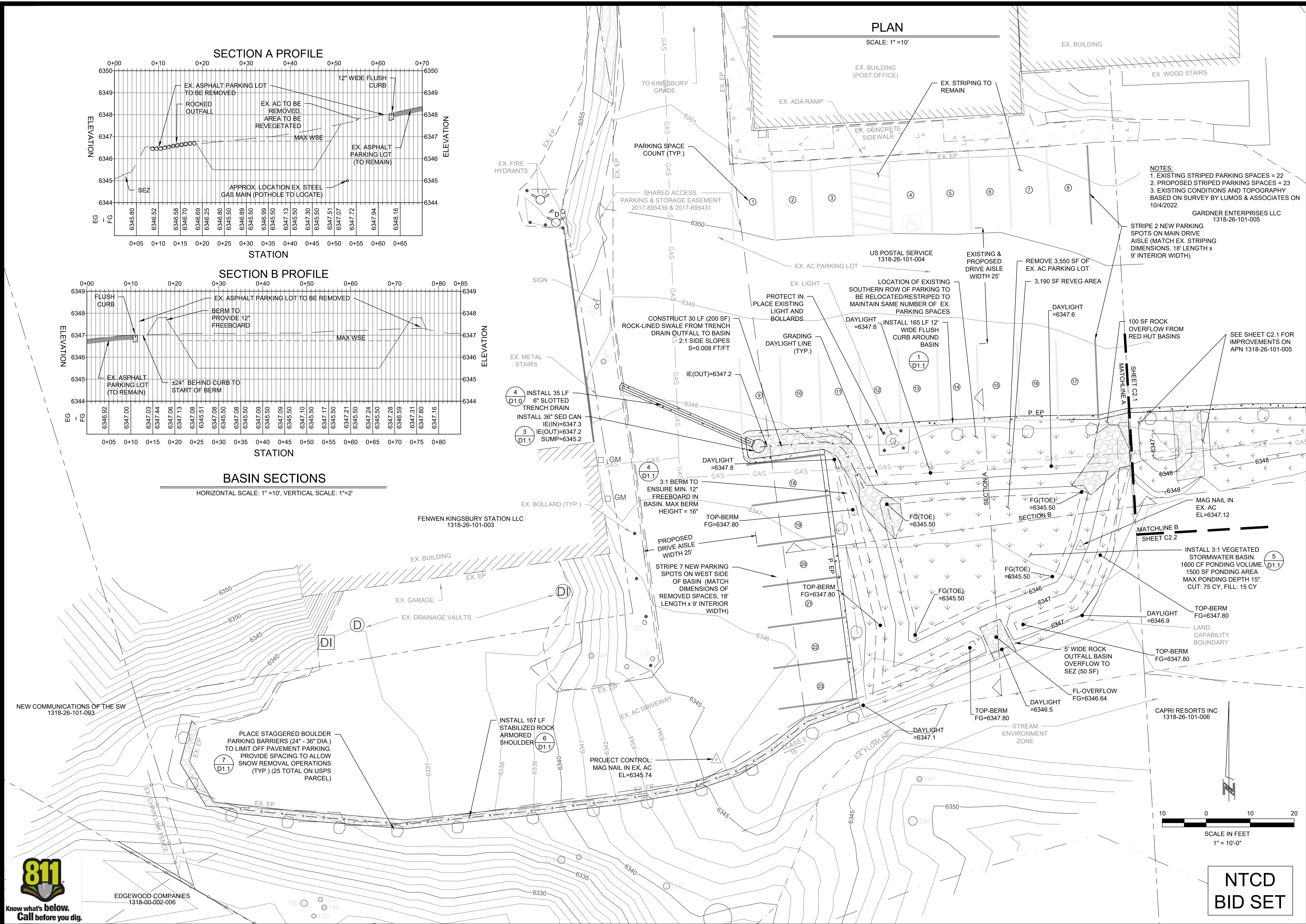
**Nevada Tahoe  
Conservation District**

**DEMO PLAN AND CONSTRUCTION BMPs**  
**LOWER KINGSBURY AREA-WIDE**  
**US POST OFFICE / RED HUT**  
**BMP RETROFIT**

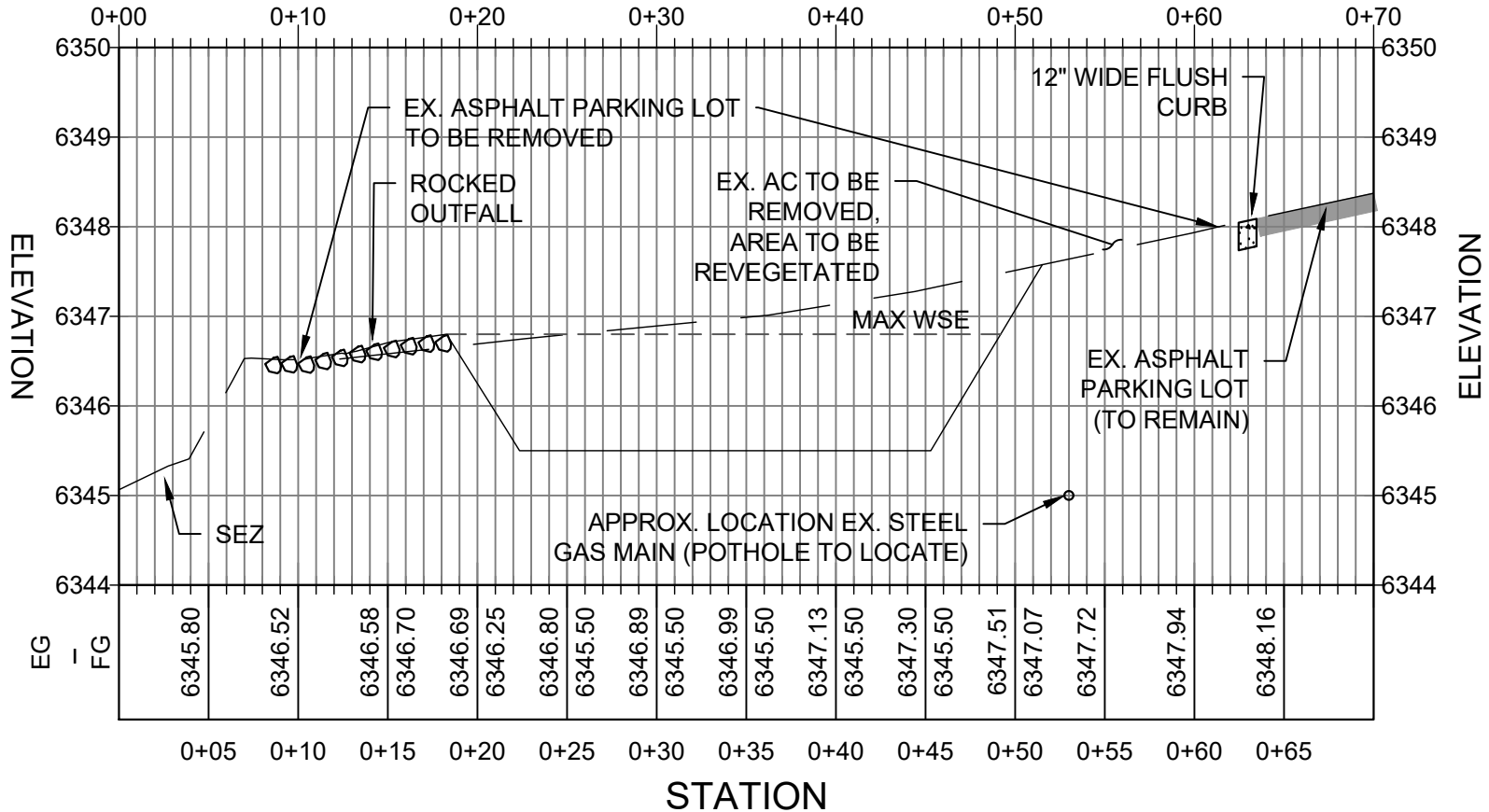
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| PROJECT<br>LK BMP - NTCD       |
| SHEET<br><b>C1.1</b><br>5 OF 9 |



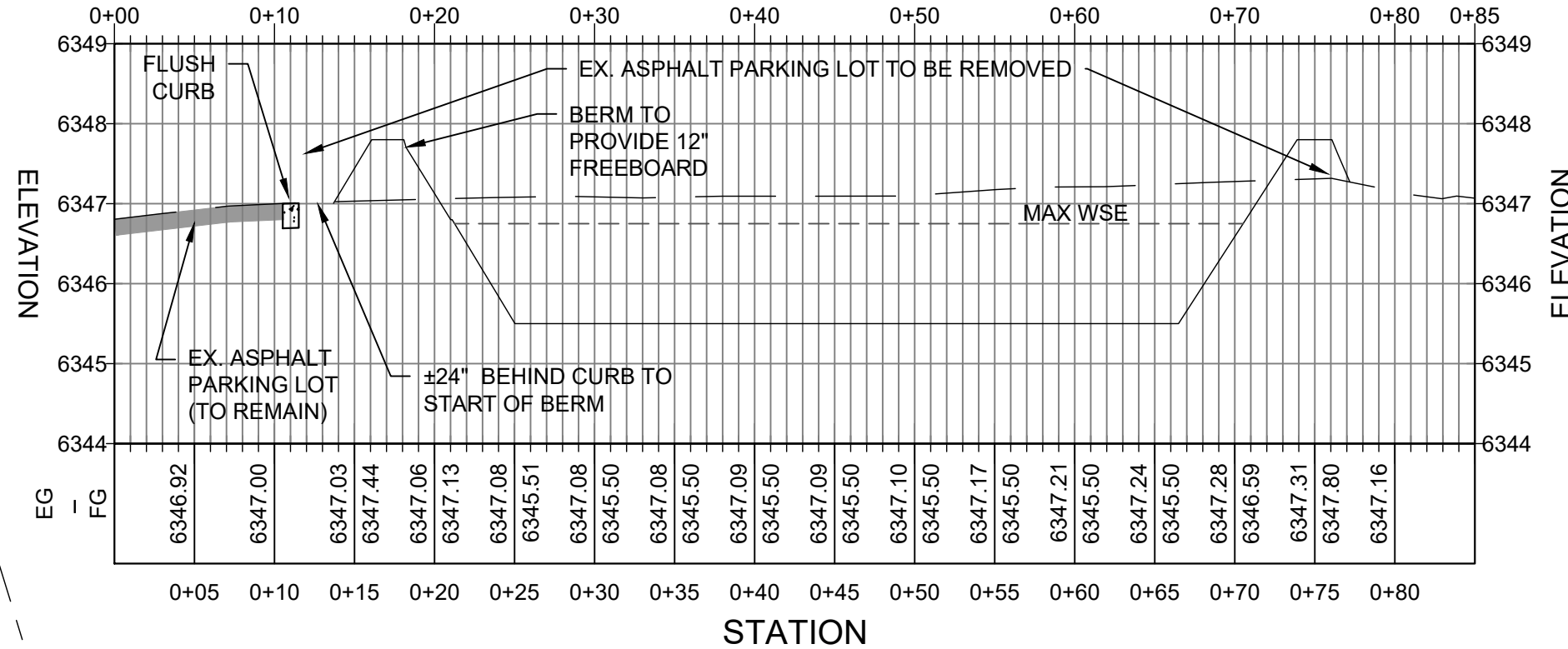




**SECTION A PROFILE**



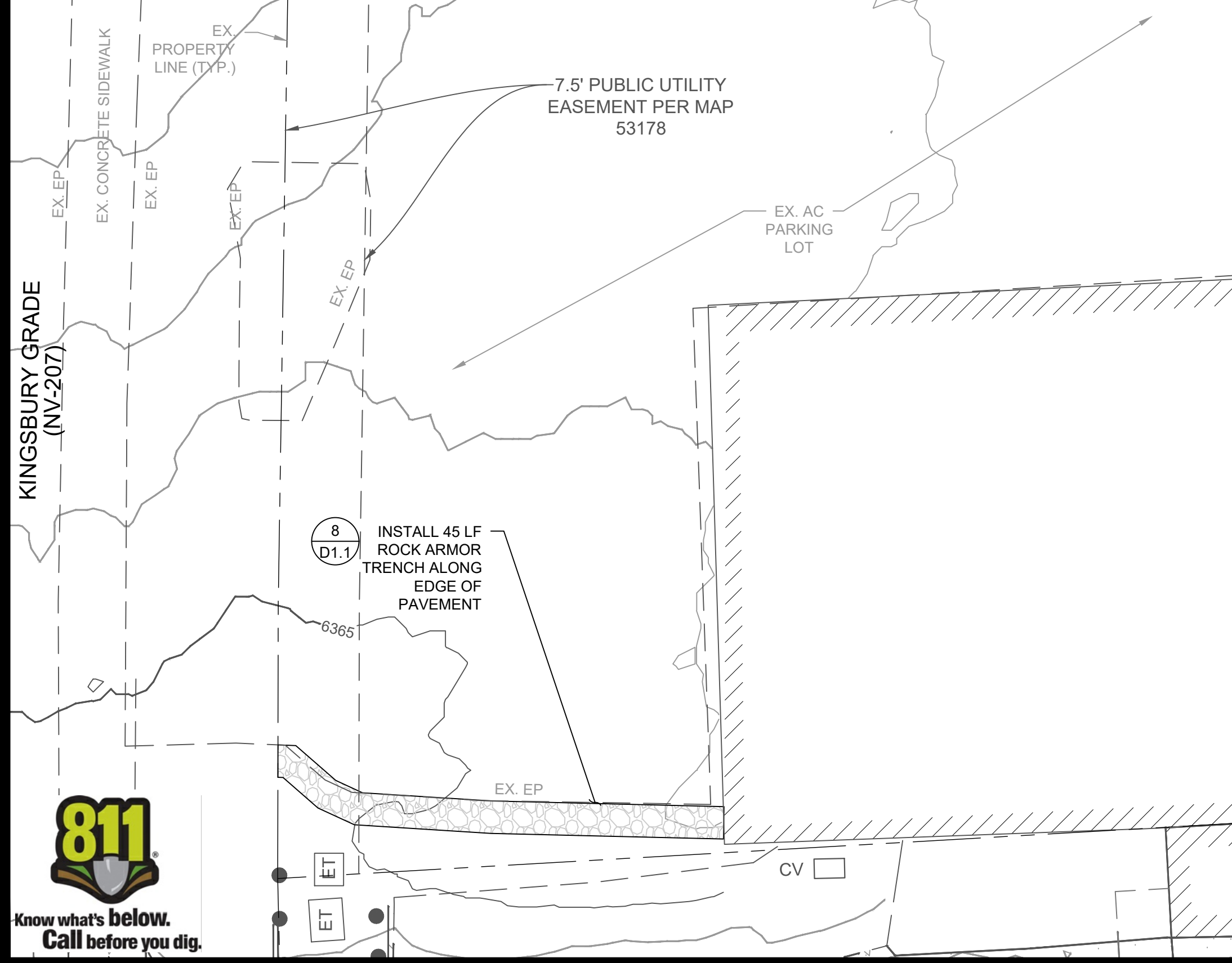
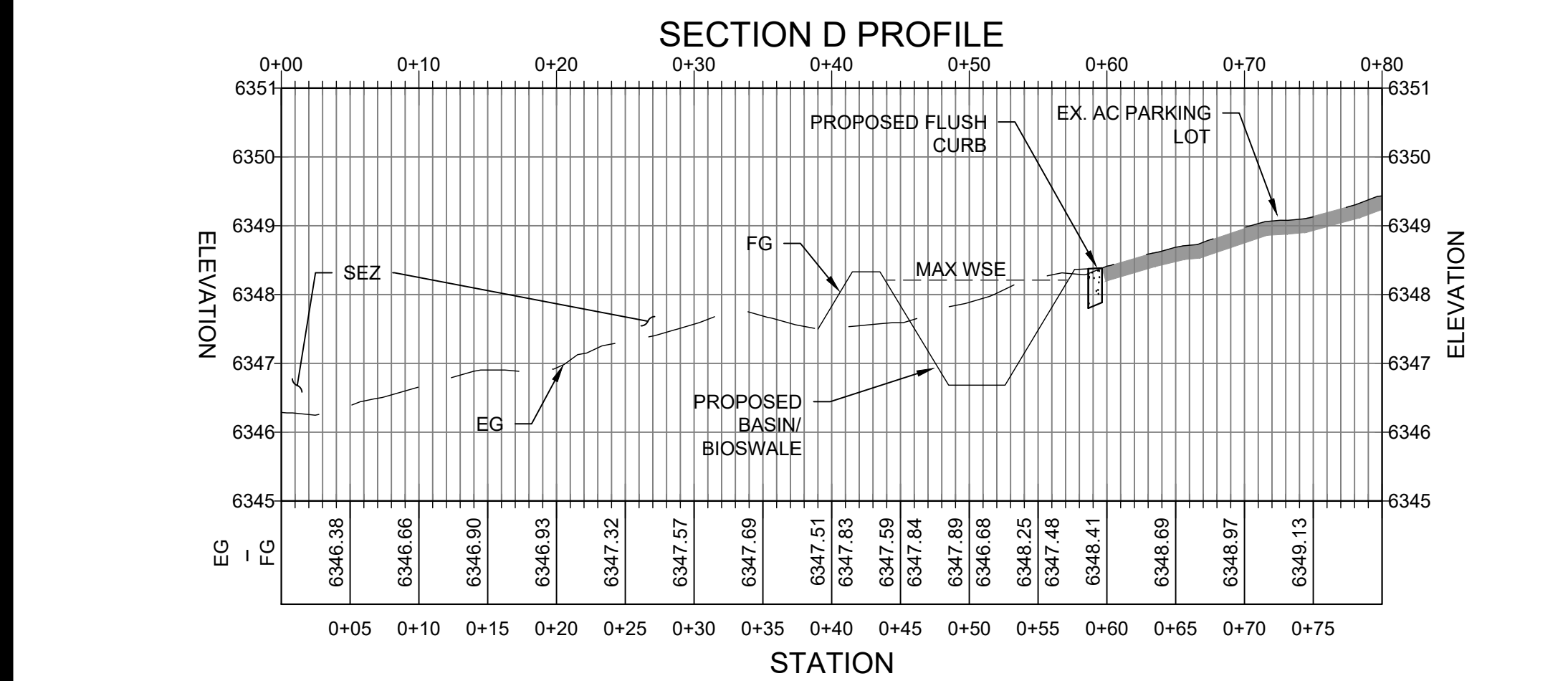
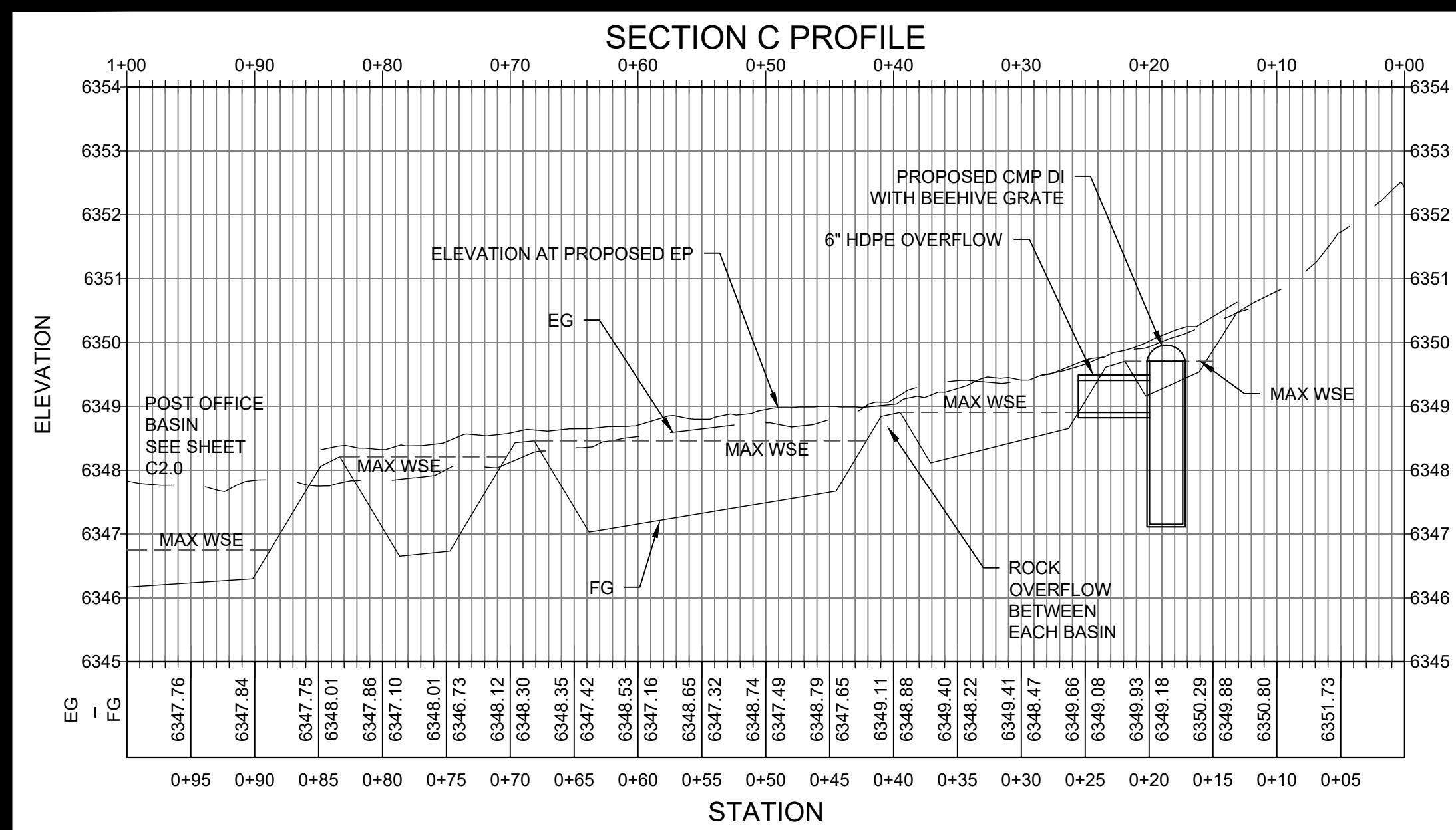
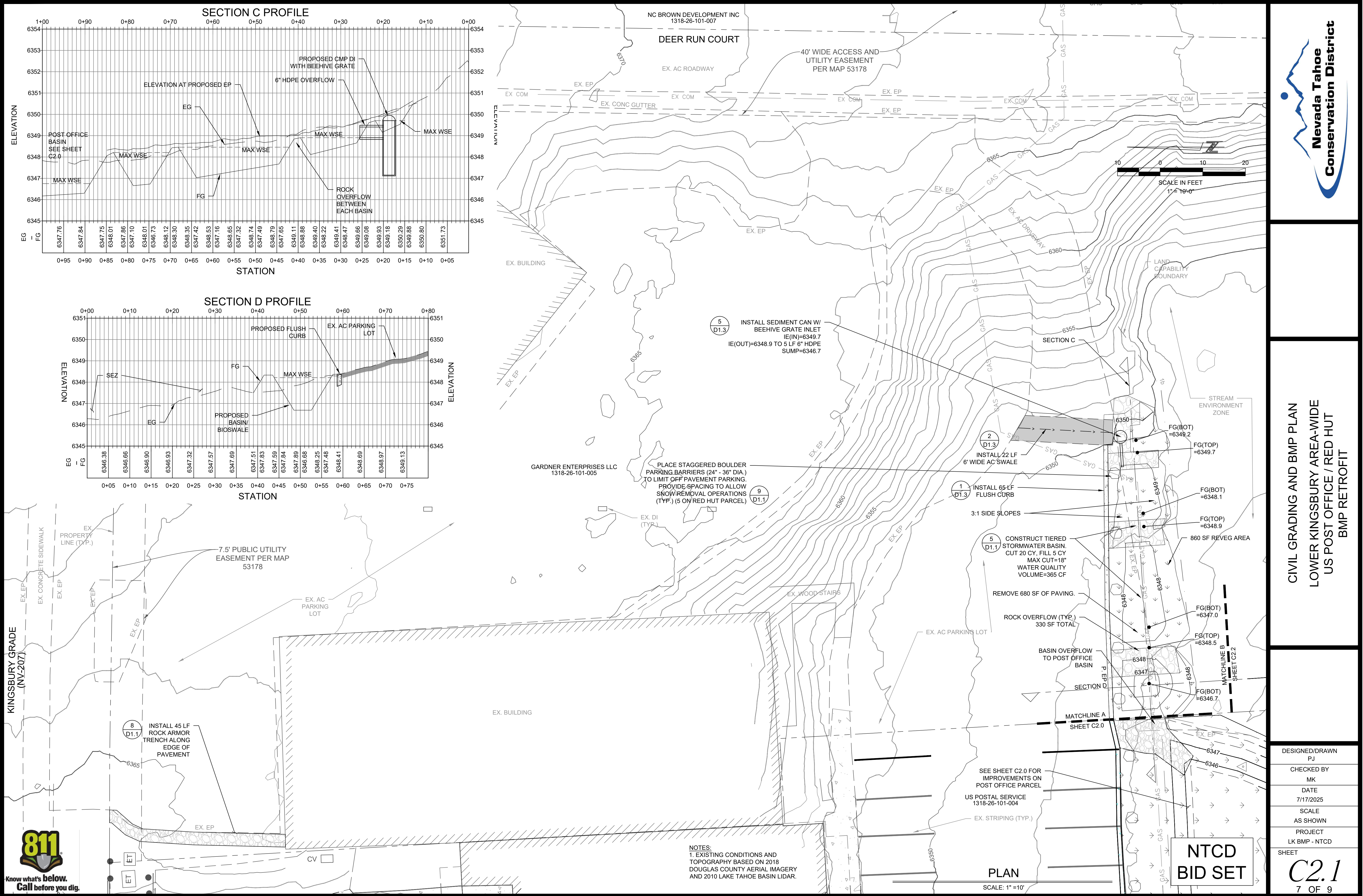
**SECTION B PROFILE**



**BASIN SECTIONS**

HORIZONTAL SCALE: 1"=10', VERTICAL SCALE: 1"=2'



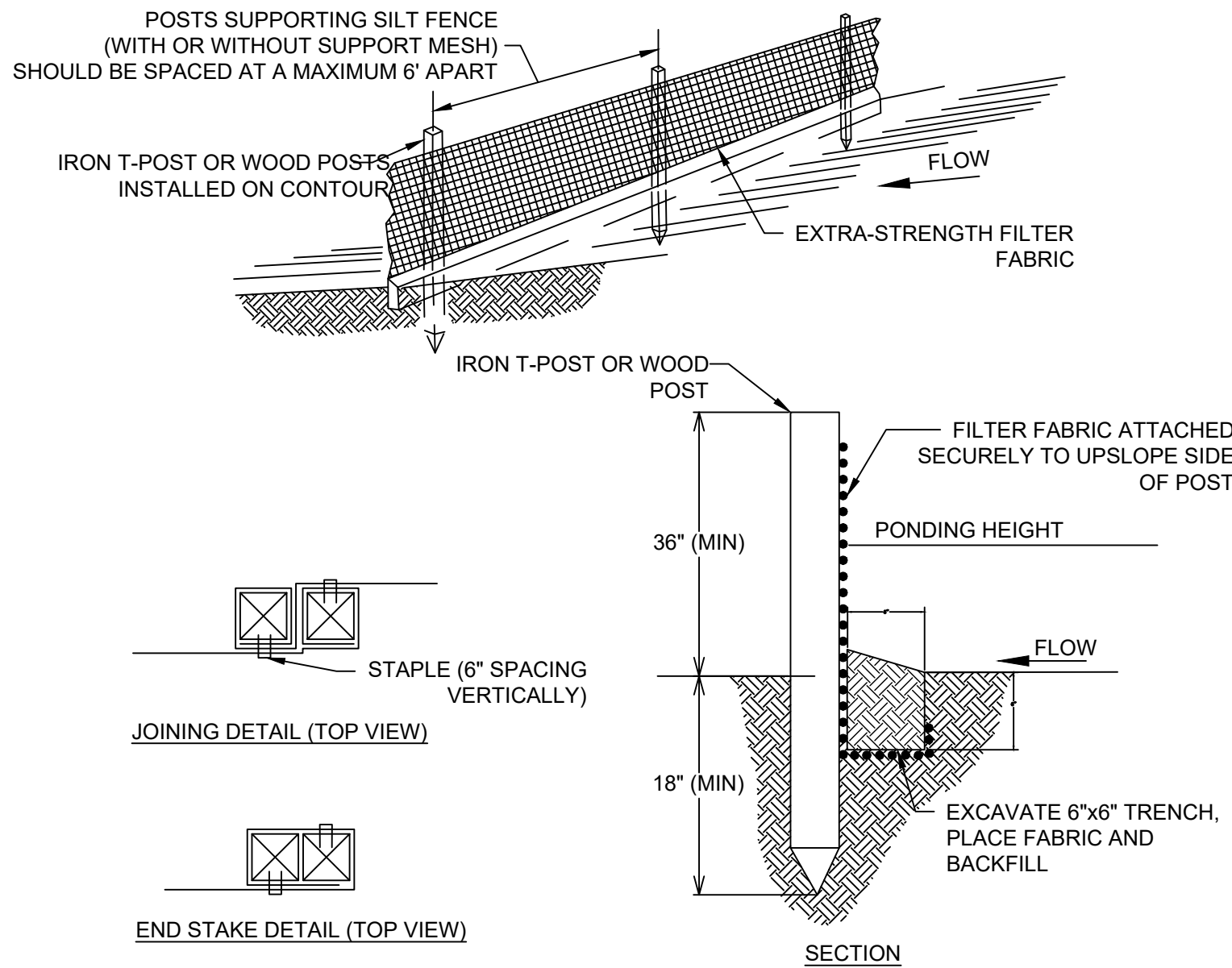


CIVIL GRADING AND BMP PLAN  
LOWER KINGSBURY AREA-WIDE  
US POST OFFICE / RED HUT  
BMP RETROFIT

|                |               |
|----------------|---------------|
| DESIGNED/DRAWN | PJ            |
| CHECKED BY     | MK            |
| DATE           | 7/17/2025     |
| SCALE          | AS SHOWN      |
| PROJECT        | LK BMP - NTCD |
| SHEET          | C2.1          |

7 OF 9





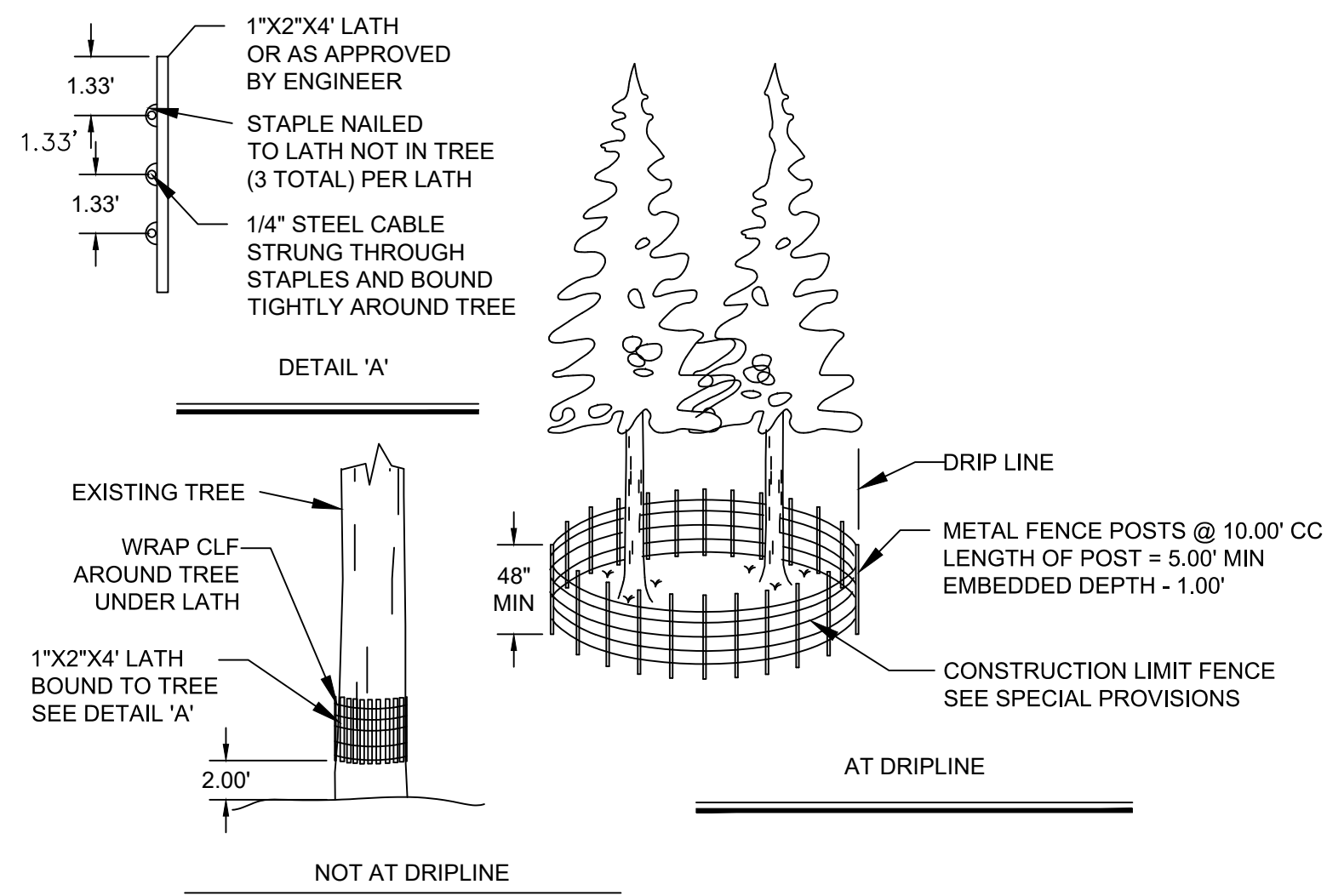
#### SILT FENCE NOTES:

1. USED IN AREAS WHERE SHEET FLOW OCCURS.
2. DO NOT USE IN STREAMS, CHANNELS, OR ANYWHERE FLOW IS CONCENTRATED. DO NOT USE SILT FENCES TO DIVERT FLOW.
3. DO NOT USE BELOW SLOPES SUBJECT TO CREEP, SLUMPING, OR LANDSLIDES.
4. SILT FENCE SHOULD BE WOVEN POLYPROPYLENE WITH A MINIMUM WIDTH OF 36 INCHES AND A MINIMUM TENSILE STRENGTH OF 100 LB FORCE.
5. INSTALL ALONG A LEVEL CONTOUR SO WATER DOES NOT POND MORE THAN 1.5 FEET AT ANY POINT ALONG THE SILT FENCE.
6. THE MAXIMUM LENGTH OF SLOPE DRAINING TO ANY POINT ALONG THE SILT FENCE SHOULD BE 200 FEET OR LESS.
7. THE MAXIMUM SLOPE PERPENDICULAR TO THE FENCE LINE SHOULD BE 1:1.
8. PROVIDE SUFFICIENT ROOM FOR RUNOFF TO POND BEHIND THE FENCE AND TO ALLOW SEDIMENT REMOVAL EQUIPMENT TO PASS BETWEEN THE SILT FENCE AND TOES OF SLOPES OR OTHER OBSTRUCTIONS.
9. TURN THE ENDS OF THE FILTER FENCE UPHILL TO CREATE A "J" SHAPE, TO PREVENT STORMWATER FROM FLOWING AROUND THE FENCE.
10. LEAVE AN UNDISTURBED OR STABILIZED AREA IMMEDIATELY DOWN SLOPE FROM THE FENCE WHERE FEASIBLE.
11. SILT FENCES SHOULD REMAIN IN PLACE UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.
12. REMOVE SEDIMENT WHEN DEPOSITS REACH APPROXIMATELY 1/3 HEIGHT OF BARRIER.

### FILTER FENCE SILT BARRIER

SCALE: N.T.S.

1  
D1.0



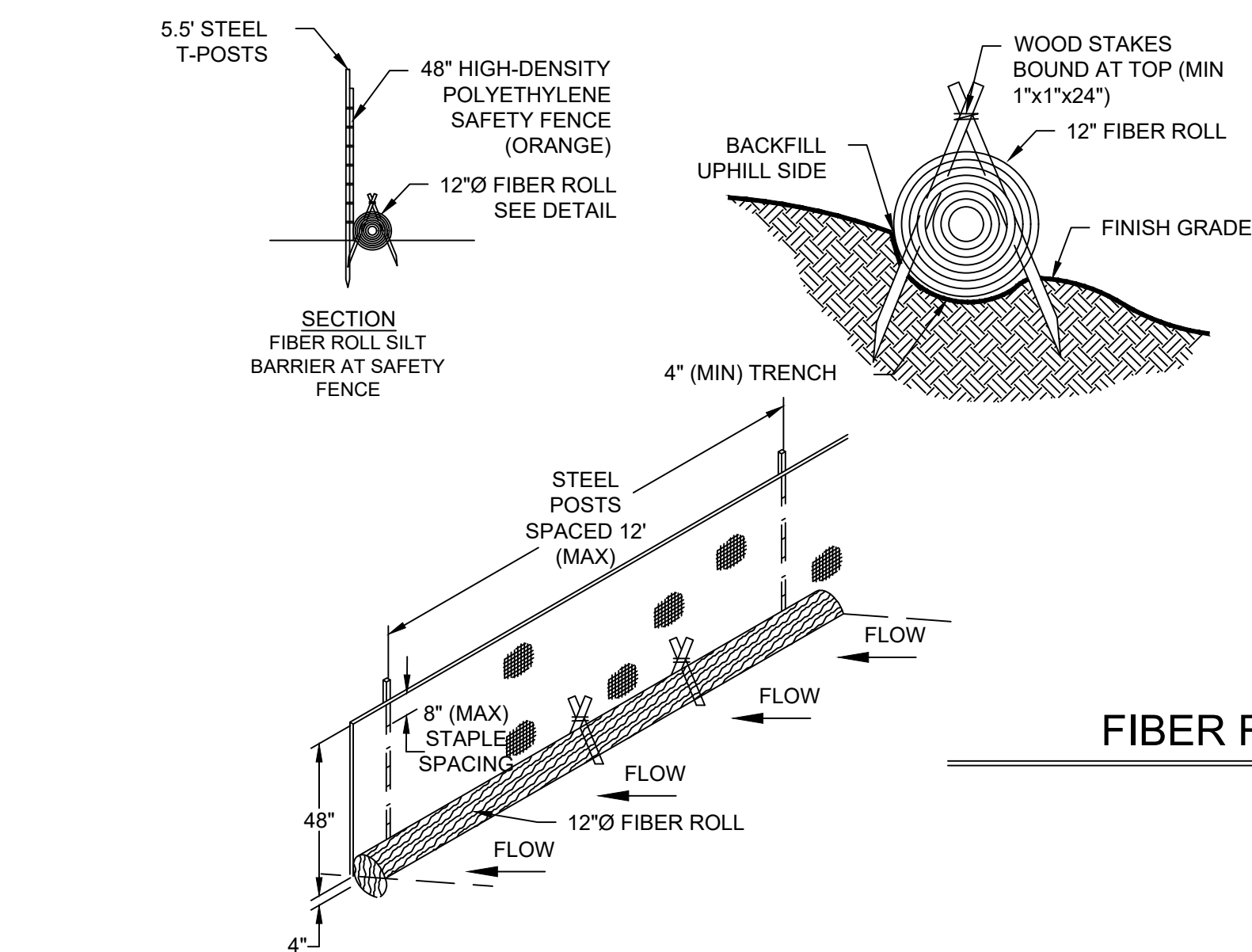
#### NOTE:

1. CLF AND TREE PROTECTION FENCE SHALL BE A MINIMUM OF 48" HIGH. FOR TREES WITH DRIPLINES THAT OVERHANG THE CONSTRUCTION AREAS, THE LOCATION OF THE TREE PROTECTION FENCE SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER AND/OR THE TRPA AT THE PREGRADE MEETING.
2. THE DETAIL SHOWN IS FOR TREE PROTECTION. MATERIAL AND SPACING SHOWN ALSO APPLIES TO CLF.
3. QUANTITY OF FILTER FENCE AND CONSTRUCTION LIMIT FENCE DOES NOT INCLUDE MINIMUM LIMITS FOR TREE PROTECTION. TREE PROTECTION FENCING TO BE PER DETAIL THIS SHEET AND/OR AS DETERMINED IN THE FIELD.

### CONSTRUCTION LIMIT FENCE & TREE PROTECTION

SCALE: N.T.S.

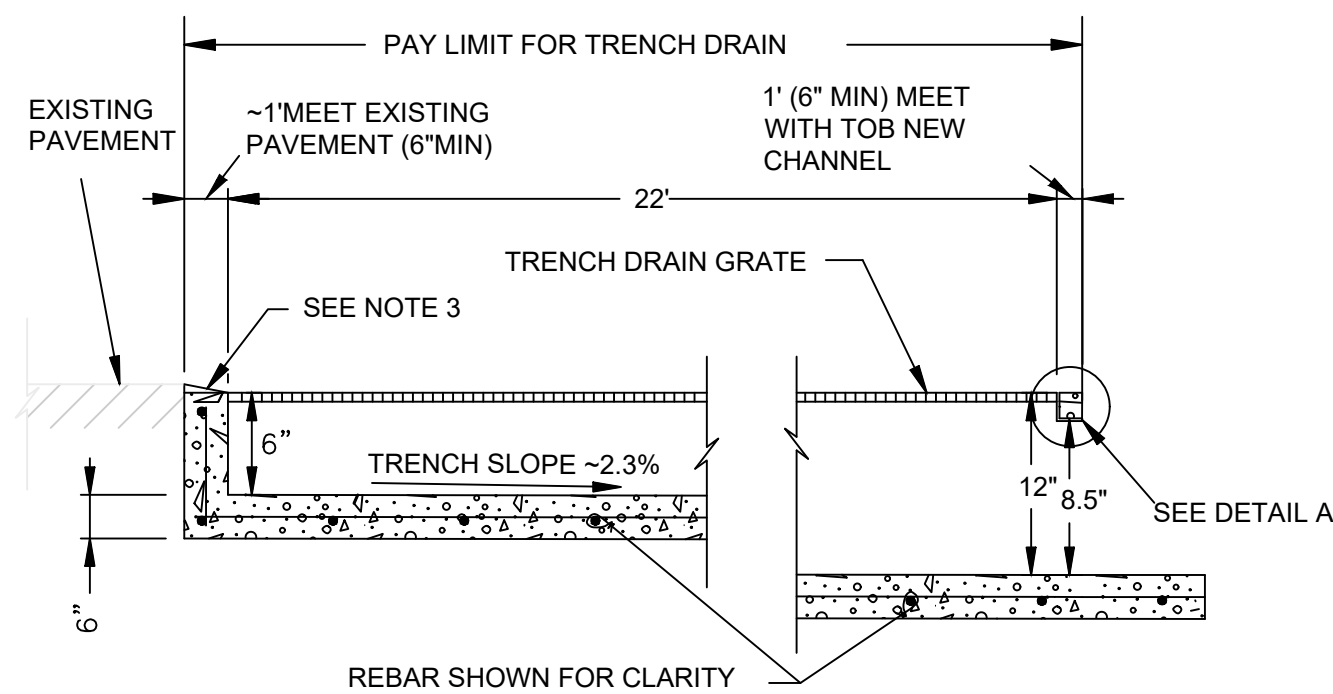
3  
D1.0



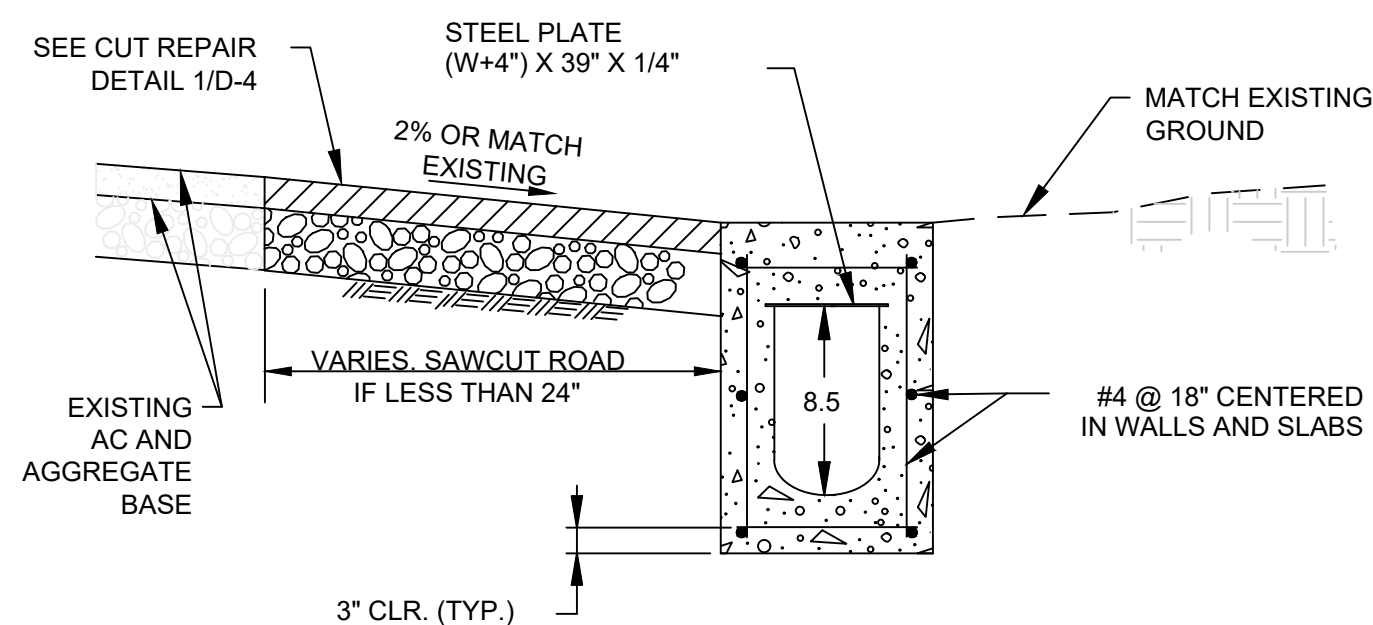
### FIBER ROLL SILT BARRIER

SCALE: N.T.S.

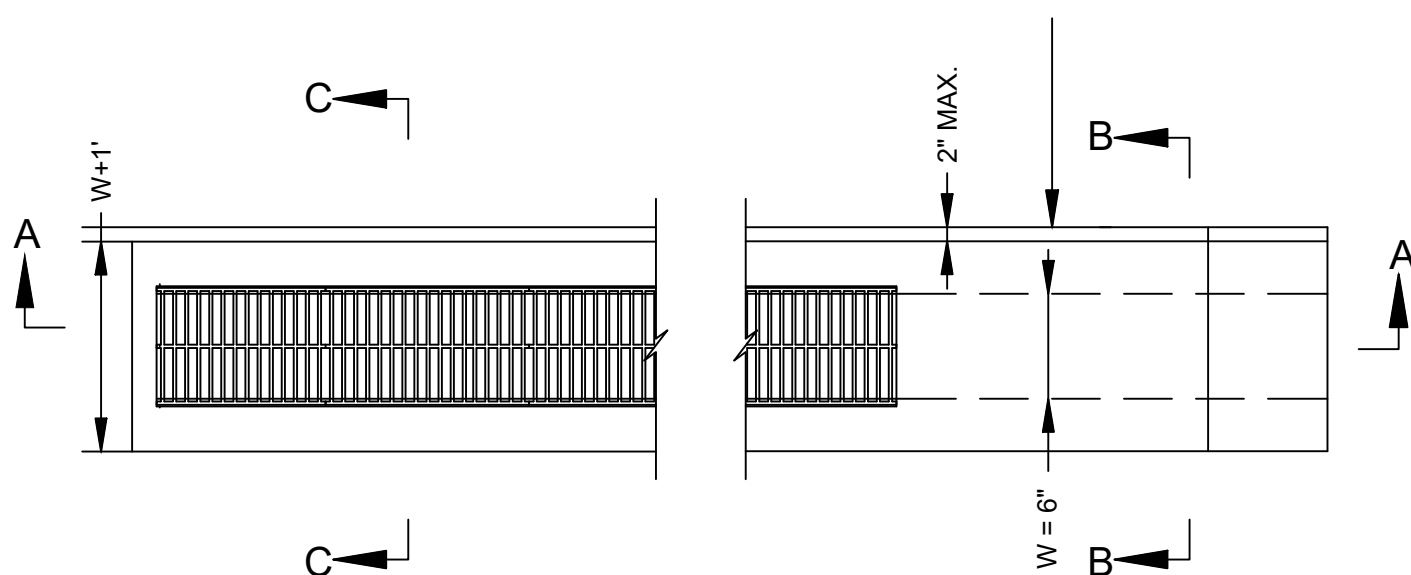
2  
D1.0



#### SECTION A-A



#### SECTION B-B



#### PLAN

#### TRENCH DRAIN NOTES:

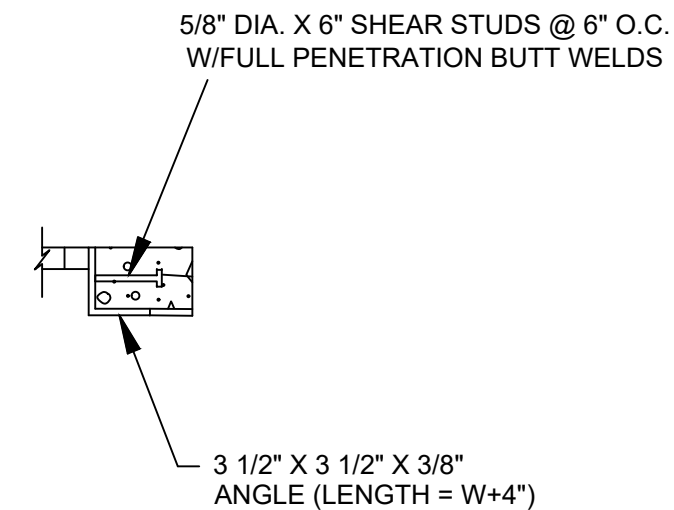
1. TRENCH DRAIN PRODUCTS SHALL BE ABT TRENCHFORMER OR APPROVED EQUAL. PRODUCTS SHALL BE FROM NDOT QUALIFIED PRODUCT LIST (QPL) FOUND AT [http://www.nevadadot.com/About\\_NDOT/NDOT\\_Divisions/Planning/Research/Qualified\\_Products\\_List.aspx](http://www.nevadadot.com/About_NDOT/NDOT_Divisions/Planning/Research/Qualified_Products_List.aspx)
2. REVISIONS REQUIRE APPROVAL BY THE ENGINEER IN WRITING PRIOR TO CONSTRUCTION.
3. CONSTRUCTION OF THE TRENCH DRAIN SHALL FOLLOW THE MANUFACTURERS RECOMMENDATIONS.
4. TRENCH DRAIN GRATE TO BE 1/4" TO 3/8" BELOW ADJACENT PAVEMENT SURFACE.
5. ALL CONCRETE SHALL BE CLASS A OR AA.
6. GRATE SHALL BE H-20 LOAD RATED AND BICYCLE SAFE.
7. ALL GRATES SHALL BE REMOVABLE. USE TWO-PIECE GRATES THROUGHOUT.
8. TRENCH DRAIN SHALL BE CONNECTED DIRECTLY INTO ROCK LINED CHANNEL. OUTLET SHALL BE AT LEAST 0.5 FT ABOVE CHANNEL FLOWLINE.
9. FORM TRENCH DRAIN OUTLET TO BLEND WITH ROCK LINE CHANNEL SIDE SLOPE.

### SLOTTED TRENCH DRAIN

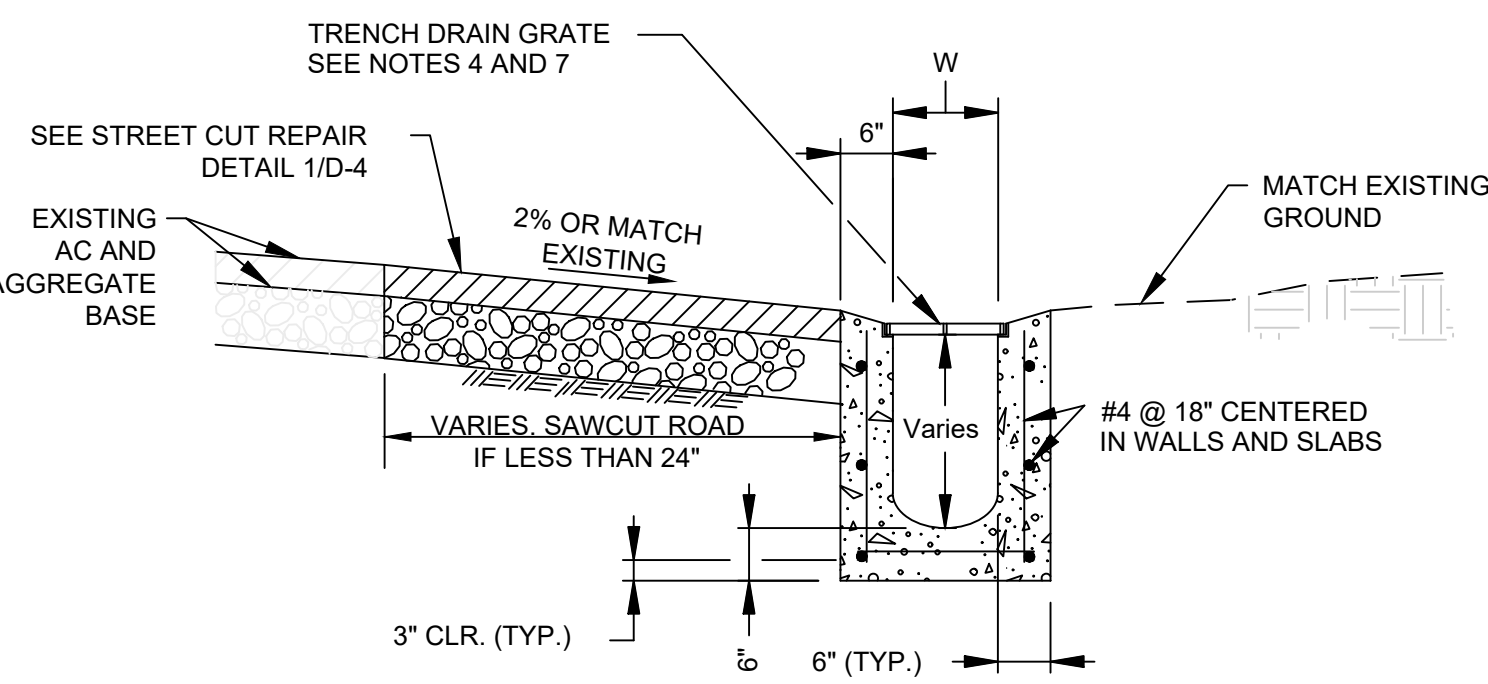
4  
D1.0

#### FIBER ROLL NOTES:

1. FIBER ROLL SHALL NOT BE MADE FROM STRAW. FIBER ROLLS SHALL BE BOUND BY HIGH STRENGTH COIR NETTING, AND HAVE A MINIMUM WEIGHT OF 5 LBS PER LINEAL FOOT.
2. ORANGE SAFETY FENCE IS INTENDED TO PROTECT FIBER ROLLS FROM COMPRESSION BY VEHICLES. CONSTRUCTION EQUIPMENT, EXT. FENCES SHALL BE HIGH DENSITY POLYETHYLENE WITH A MESH OPENING OF APPROXIMATELY 1 INCH BY 4 INCHES AND A MINIMUM HEIGHT OF 4 FEET. SAFETY FENCE MAY BE OMITTED IN LOW TRAFFIC AREAS.
3. FIBER ROLL SILT BARRIER SHALL BE INSTALLED ALONG CONTOUR AND ON SLOPES 5H:1V OR FLATTER UNLESS OTHERWISE APPROVED BY TRPA.
4. THE INSTALLATION CONFIGURATION SHALL PREVENT RUNOFF FROM LEAVING THE SITE OR ENTERING A WATERCOURSE WITHOUT PASSING THROUGH A SILT BARRIER.
5. THE MAXIMUM LENGTH OF SLOPE DRAINING TO THE SILT BARRIER SHALL BE 100 FEET.
6. FIBER ROLL SHALL BE INSTALLED BY SHAPING A 4 INCH DEEP FURROW TO MATCH THE SHAPE OF THE LOG, SECURING IN FURROW WITH WOOD STAKES, AND TAMPING THE GROUND AROUND THE FIBER ROLL TO FILL VOIDS BETWEEN THE LOG AND THE GROUND.

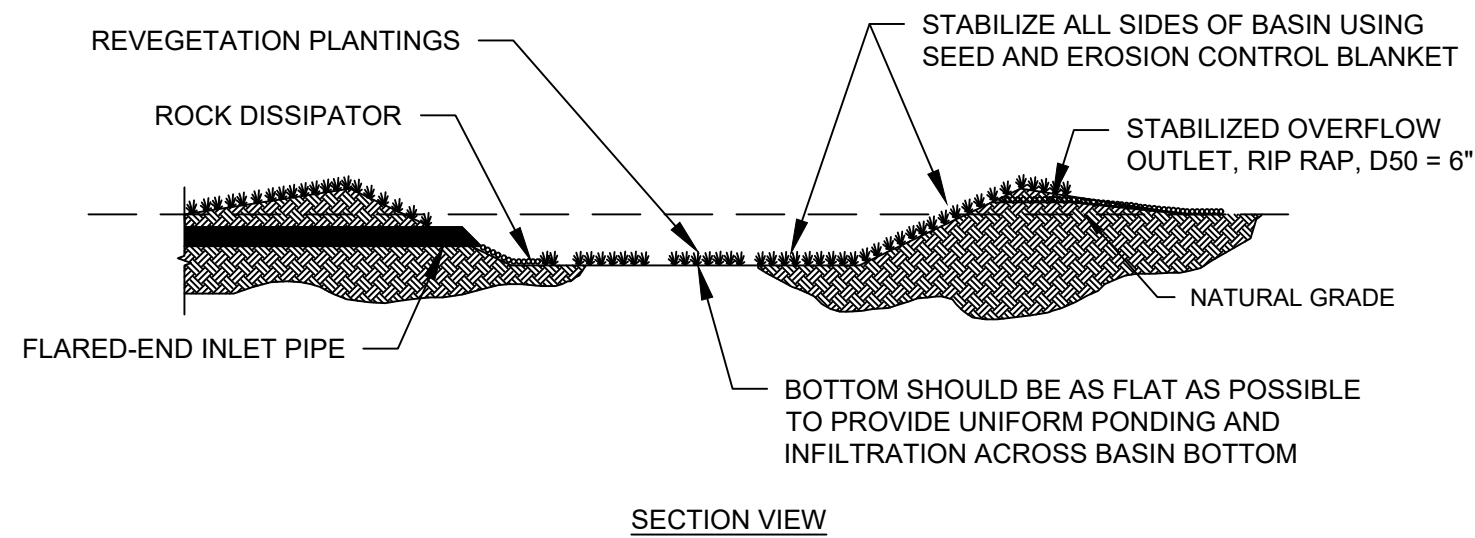
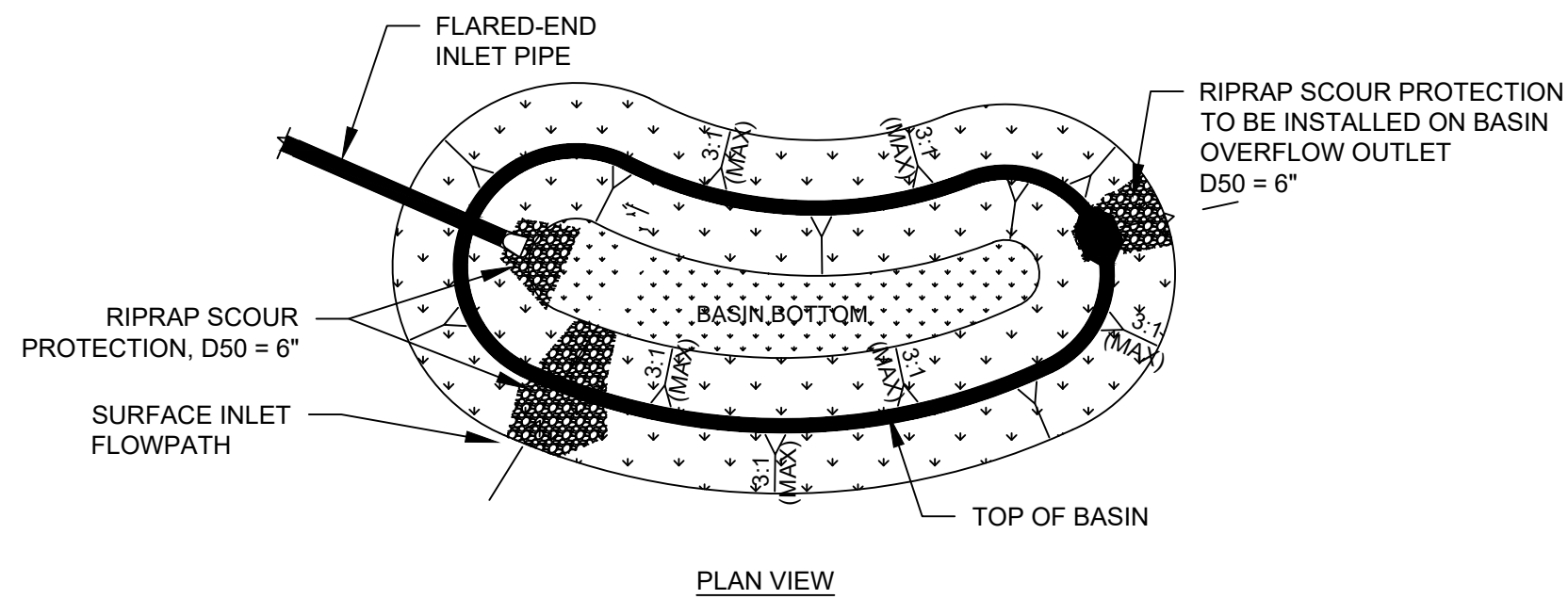
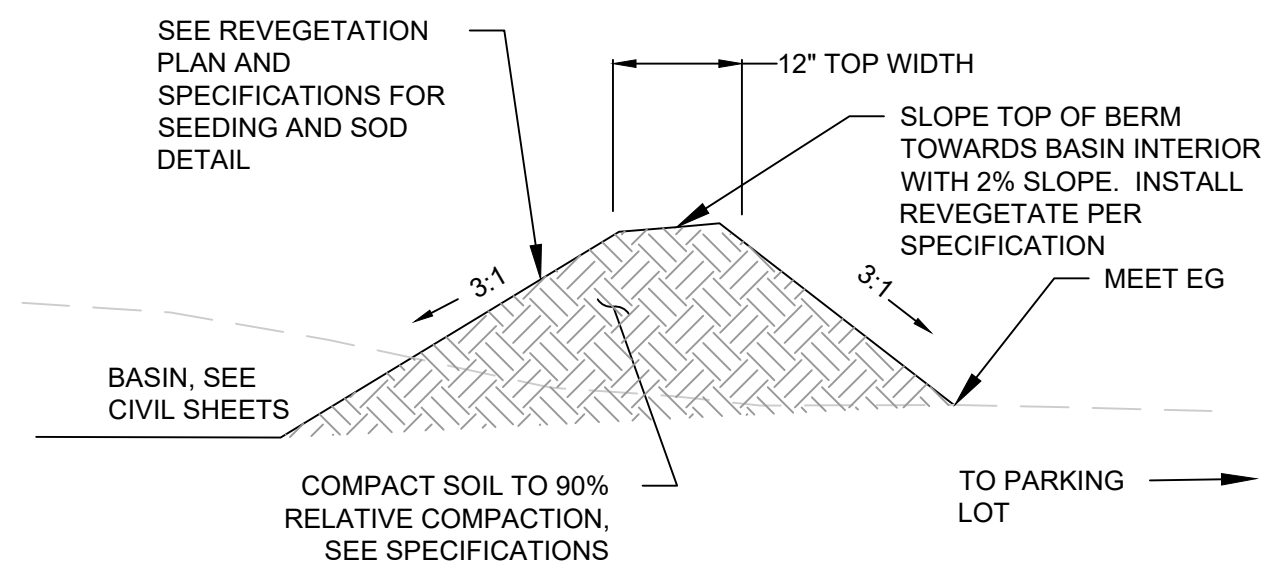
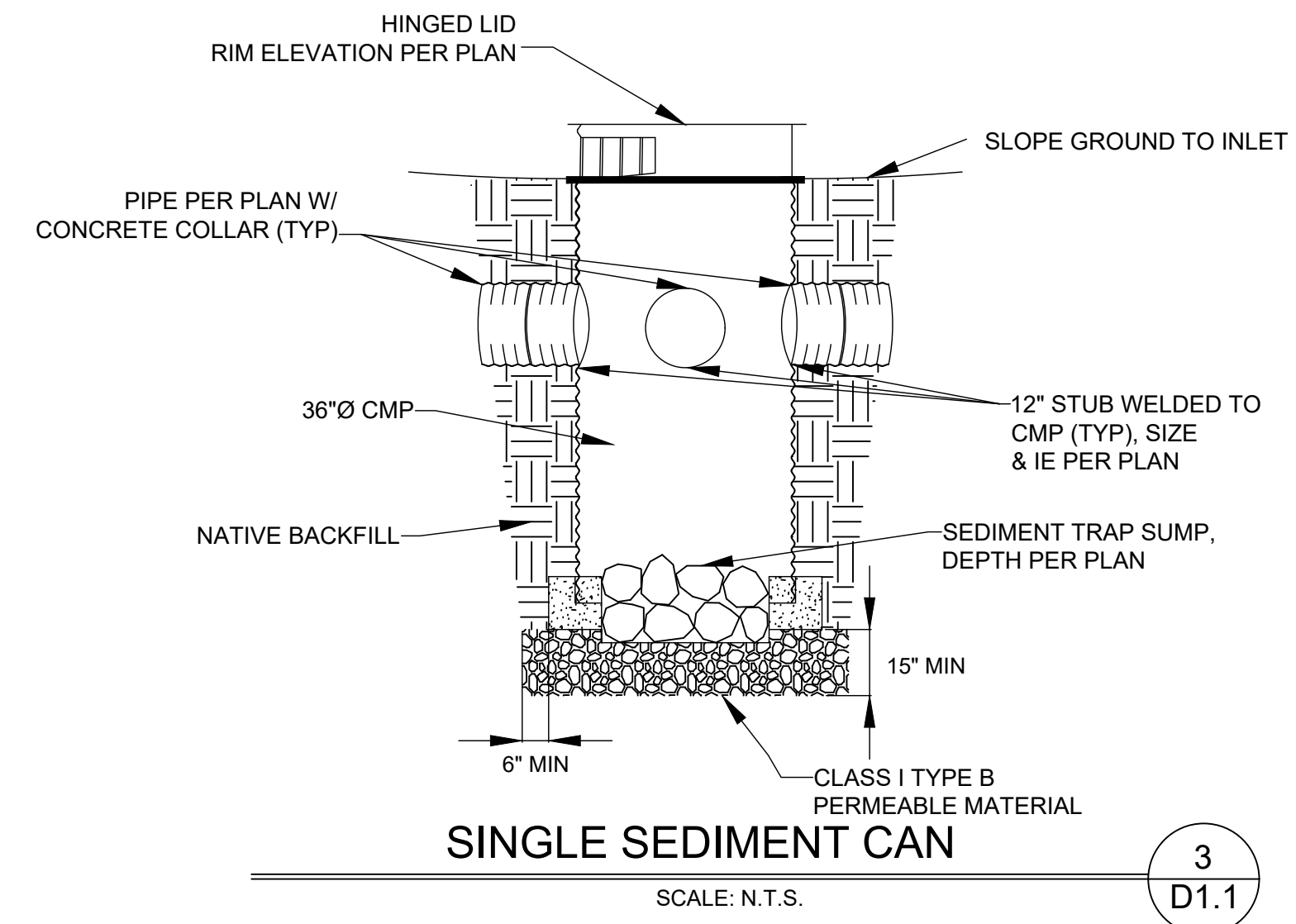
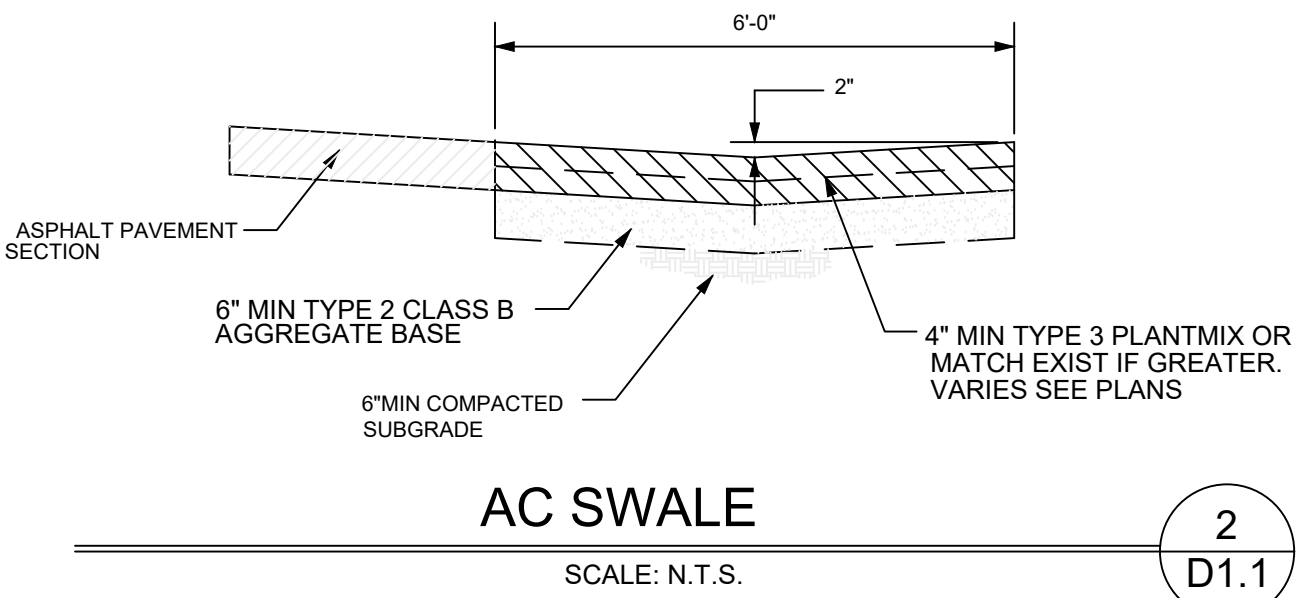
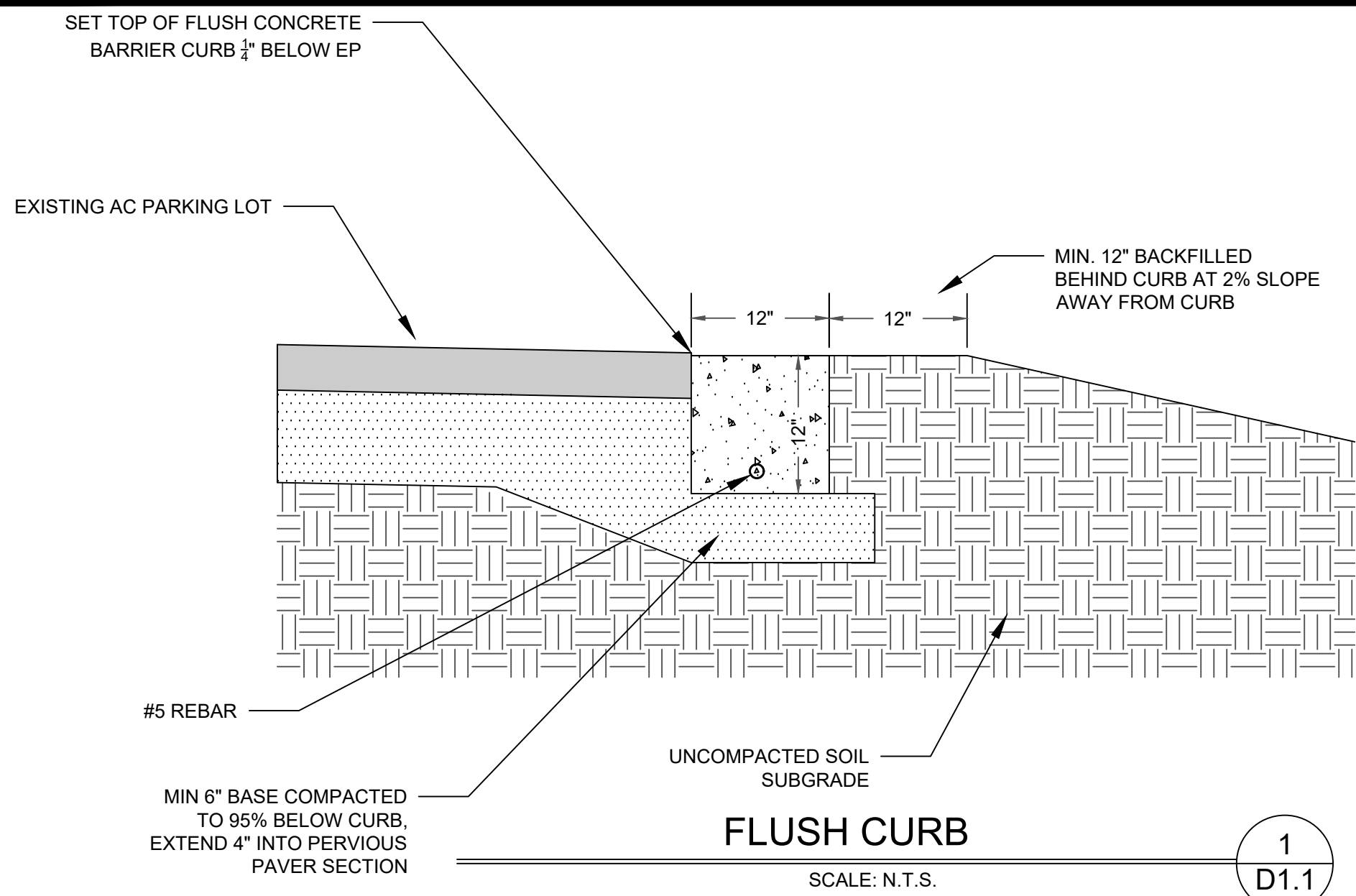


#### DETAIL A



#### SECTION C-C

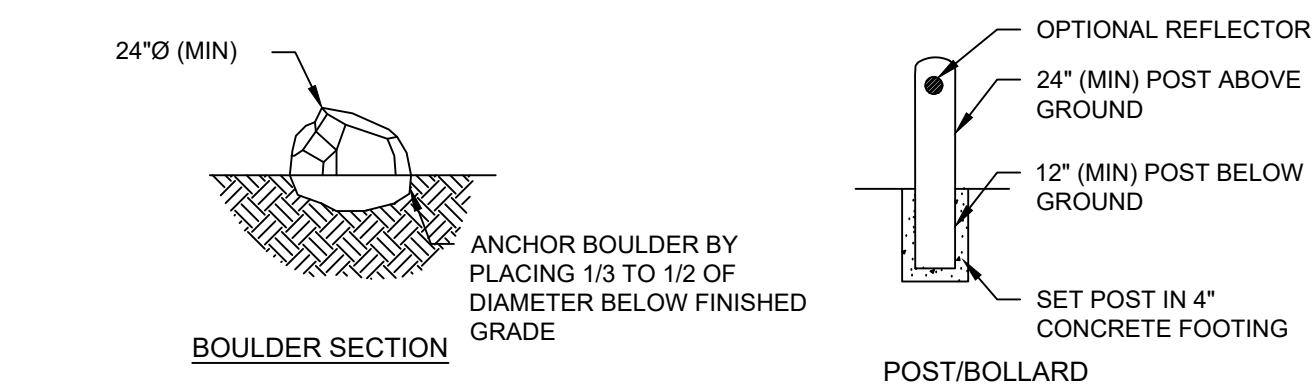
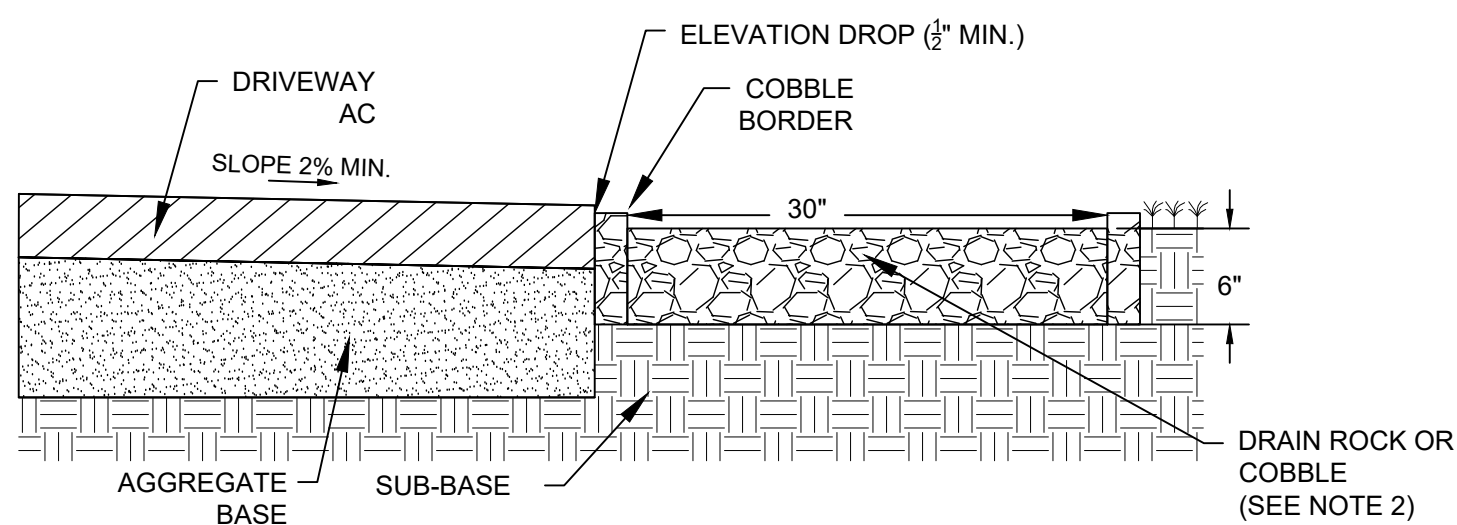




BERM NOTES:  
1. INTERIOR BASIN EDGE OF TOP OF BERM SHALL HOLD BERM HEIGHT SHOWN ON PLANS  
2. CUTOFF WALL PRESENT IN SPILLWAY PORTION OF BERM.

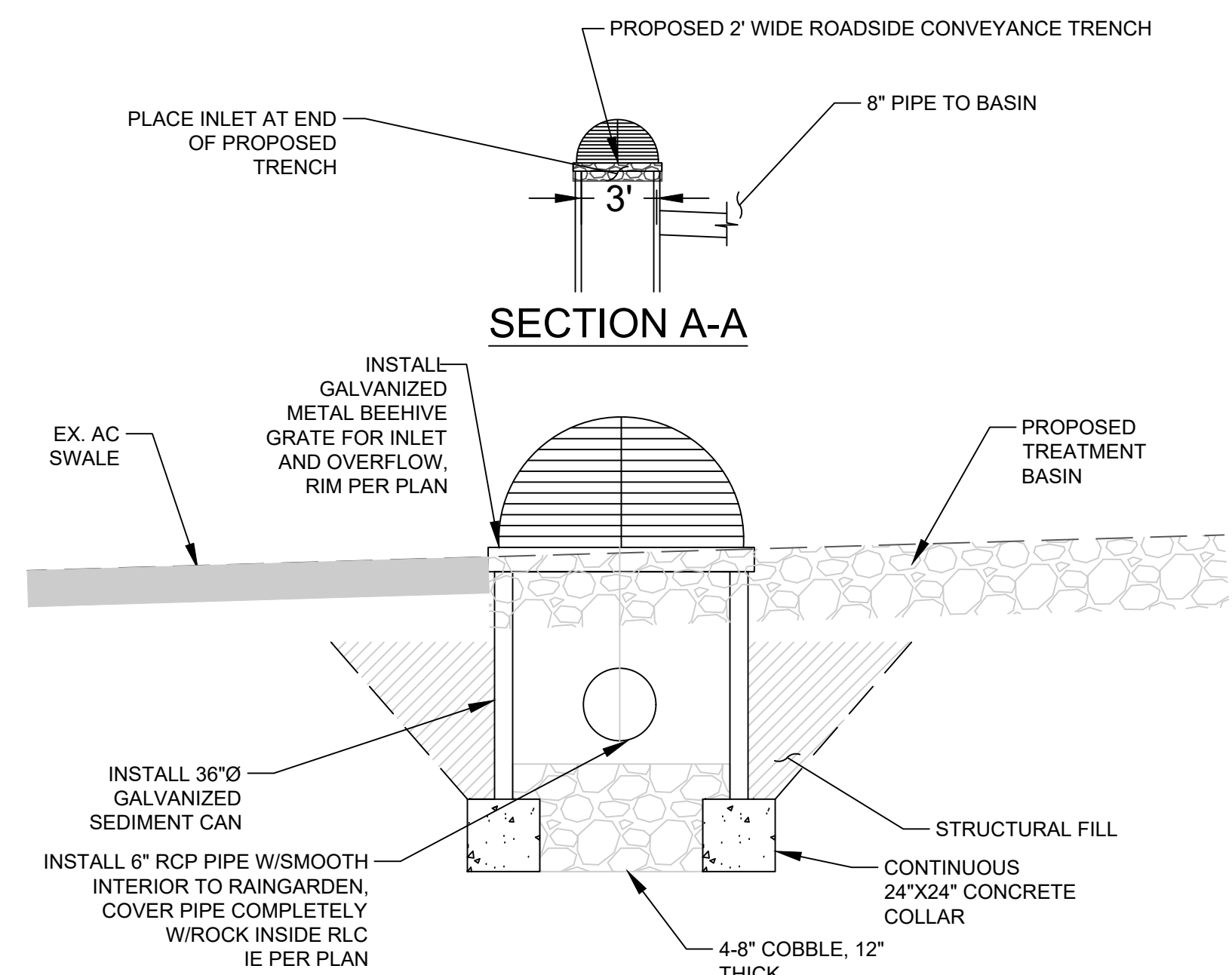
STORMWATER BASIN BERM  
SCALE: N.T.S. 4 D1.1

INFILTRATION BASIN  
SCALE: N.T.S. 5 D1.1



NOTES:  
1. PARKING BARRIERS SHALL BE PLACED TO CONFINE VEHICULAR ACCESS TO PAVED SURFACES.

PARKING BARRIERS  
SCALE: N.T.S. 7 D1.1



BEEHIVE GRATE  
SCALE: N.T.S. 8 D1.1