



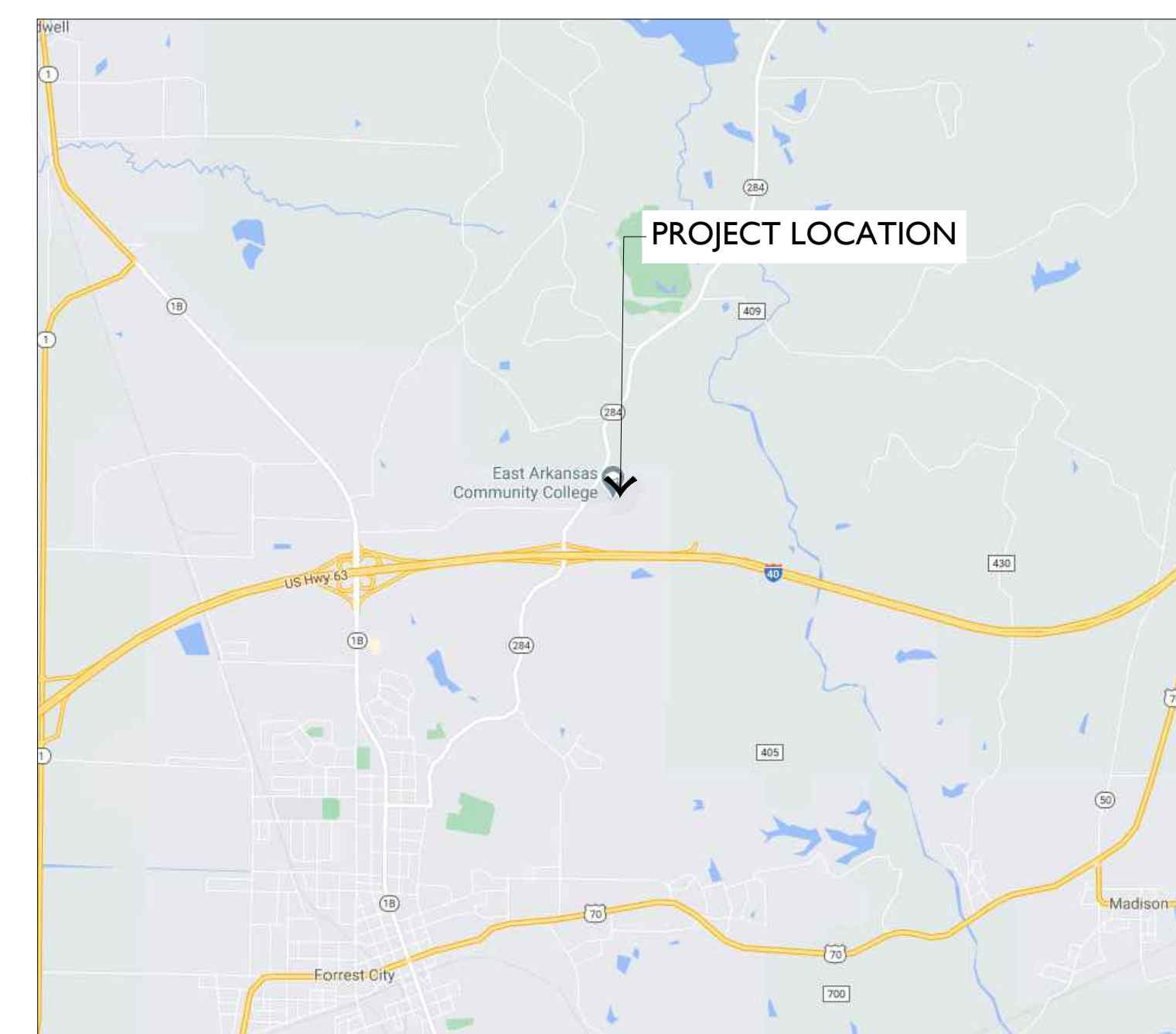
# EACC CAMPUS CONNECTIVITY (TAP-21)(S)

NEWCASTLE ROAD, FORREST CITY, ARKANSAS 72335

JOB NO. 110761

**100% CONSTRUCTION DOCUMENTS**

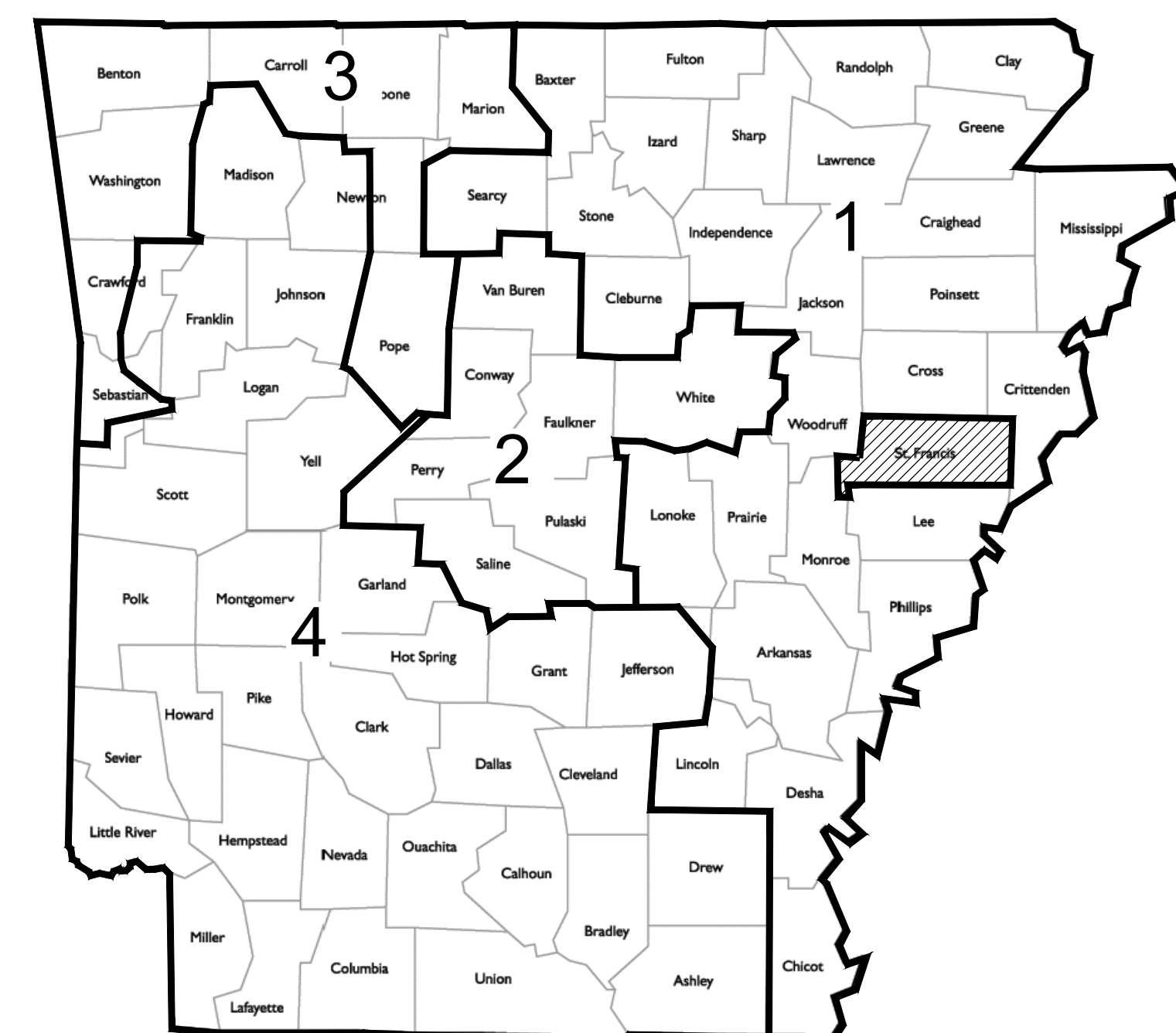
**June 30, 2023**



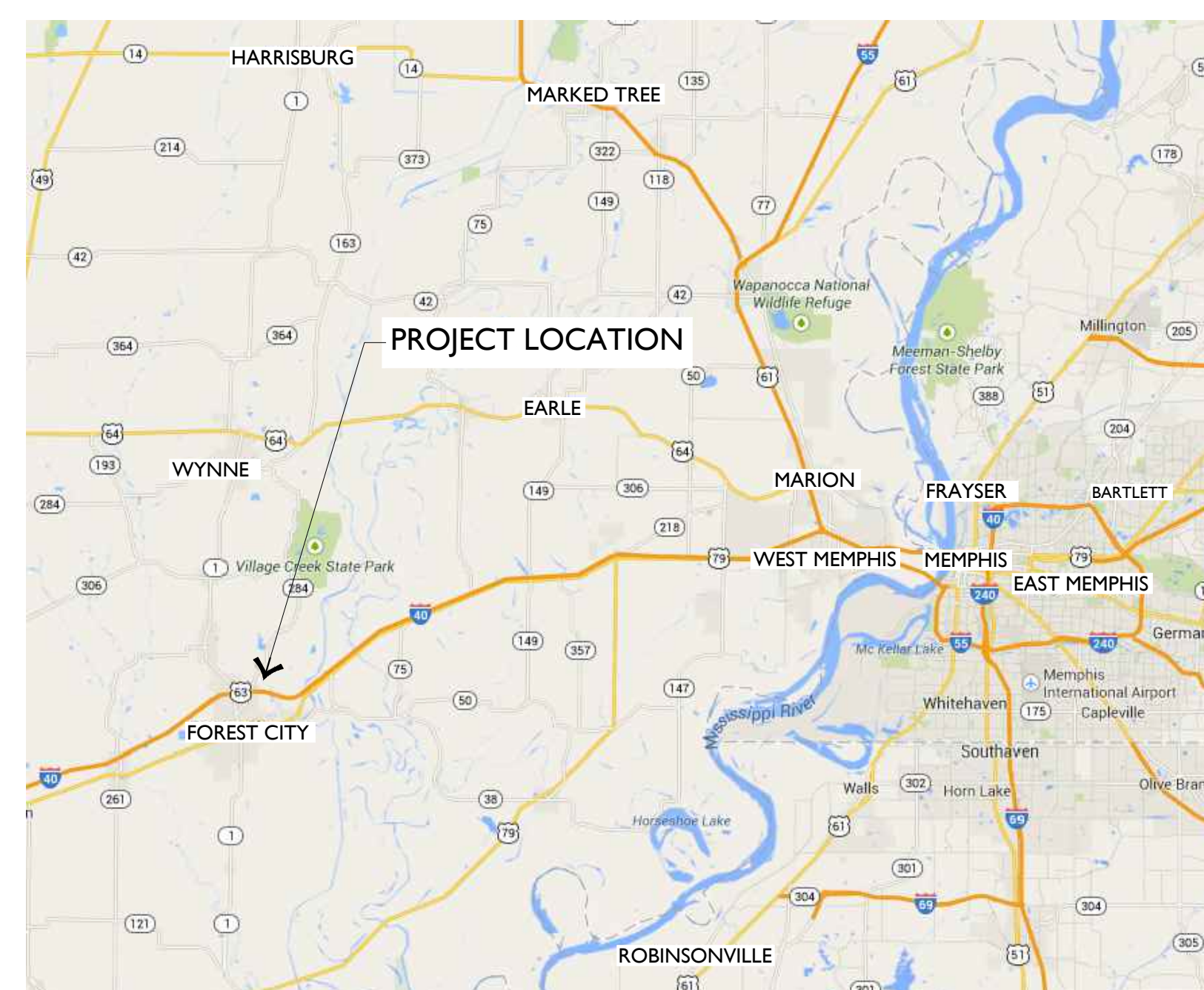
**VICINITY MAP**  
NOT TO SCALE



**AERIAL MAP**  
NOT TO SCALE



**ST FRANCIS COUNTY DISTRICT 1**



**REGIONAL MAP**  
NOT TO SCALE

## CONTACTS:

**OWNER:**  
NAME: EAST ARKANSAS  
COMMUNITY COLLEGE  
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**CIVIL ENGINEER:**  
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BLEW & ASSOCIATES  
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## SHEET INDEX

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**LEGAL DESCRIPTION**  
NOTE: THIS SURVEY DESCRIPTION COMPRISES ALL OF TRACTS 1,3,4,5 & 6 OF CHICAGO TITLE INSURANCE COMPANY TITLE COMMITMENT NUMBER FC-24335.

THERE DOES APPEAR TO BE GAPS BETWEEN WRITTEN DESCRIPTIONS PROVIDED. THIS DESCRIPTION ASSUMES THE INTENT OF DESCRIPTIONS TO HAVE NO GAPS OR GORES BETWEEN DESCRIPTIONS.

**PARCEL 1**  
A PARCEL OF LAND LOCATED IN A PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER (NW1/4 SE1/4) OF SECTION 15, TOWNSHIP 5 NORTH, RANGE 3 EAST, ST. FRANCIS COUNTY, ARKANSAS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A FOUND 1" PIPE LOCATED AT THE NORTHWEST CORNER OF THE SAID NW1/4 SE1/4 AND RUNNING THENCE S 87°50'18" E ALONG THE NORTH BOUNDARY THEREOF FOR A DISTANCE OF 1028.38' TO THE WEST RIGHT-OF-WAY OF ARKANSAS STATE HIGHWAY NO. 284; THENCE RUN ALONG SAID RIGHT-OF-WAY THE FOLLOWING COURSES AND DISTANCES: THENCE WITH A CURVE TURNING TO THE RIGHT HAVING A RADIUS OF 532.90', AN ARC LENGTH OF 91.25', AND HAVING A CHORD BEARING AND DISTANCE OF S 23°56'51" W 91.14'; S 28°51'11" W FOR A DISTANCE OF 462.40'; N61°08'49" W FOR A DISTANCE OF 10.00'; S28°51'11" W FOR A DISTANCE OF 150.00'; S 61°08'49" E FOR A DISTANCE OF 10.00'; S28°51'11" W FOR A DISTANCE OF 452.98'; THENCE WITH A CURVE TURNING TO THE RIGHT HAVING A RADIUS OF 1392.39', AN ARC LENGTH OF 185.91', AND HAVING A CHORD BEARING AND DISTANCE OF S 32°40'41" W 185.77' TO THE NORTH RIGHT-OF-WAY OF HOLIDAY DRIVE; THENCE RUN ALONG SAID RIGHT-OF-WAY THE FOLLOWING COURSES AND DISTANCES: N89°58'17" W FOR A DISTANCE OF 360.20'; N85°31'40" W FOR A DISTANCE OF 70.86' TO A FOUND CAPPED REBAR LOCATED ON THE WEST BOUNDARY OF THE SAID NW1/4 SE1/4; THENCE N 02°35'35" E ALONG SAID WEST BOUNDARY FOR A DISTANCE OF 1207.10' TO THE POINT OF BEGINNING, AND CONTAINING 20.37 ACRES, MORE OR LESS.

**PARCEL 2**  
A PARCEL OF LAND LOCATED IN A PART OF THE SOUTHEAST QUARTER (SE1/4) OF SECTION 15, TOWNSHIP 5 NORTH, RANGE 3 EAST, ST. FRANCIS COUNTY, ARKANSAS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A FOUND 1" IRON PIPE LOCATED AT THE NORTHEAST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 15 AND RUNNING THENCE S 00°01'18" E ALONG THE EAST BOUNDARY THEREOF FOR A DISTANCE OF 886.90' TO A FOUND 1" PIPE LOCATED ON THE NORTH RIGHT-OF-WAY OF INTERSTATE 40; THENCE RUN ALONG SAID RIGHT-OF-WAY THE FOLLOWING COURSES AND DISTANCES: N 89°54'37" W FOR A DISTANCE OF 475.59' TO A FOUND CONCRETE RIGHT-OF-WAY MONUMENT, S87°51'36" W FOR A DISTANCE OF 700.32' TO A FOUND CONCRETE RIGHT-OF-WAY MONUMENT, N 88°02'19" W FOR A DISTANCE OF 299.57'; N 89°56'52" W FOR A DISTANCE OF 400.00'; N 79°05'52" W FOR A DISTANCE OF 610.90' TO A FOUND CONCRETE RIGHT-OF-WAY MONUMENT, N 41°38'52" W FOR A DISTANCE OF 135.30'; N 03°56'52" W FOR A DISTANCE OF 143.30'; N 24°56'28" E FOR A DISTANCE OF 208.00' TO THE EAST RIGHT-OF-WAY OF ARKANSAS STATE HIGHWAY NO. 284; THENCE RUN ALONG SAID RIGHT-OF-WAY THE FOLLOWING COURSES AND DISTANCES: N 40°17'27" E FOR A DISTANCE OF 393.27'; N 49°37'49" W FOR A DISTANCE OF 33.64'; N39°47'51" E FOR A DISTANCE OF 59.62'; N 34°36'33" E FOR A DISTANCE OF 295.56'; S 61°09'04" E FOR A DISTANCE OF 10.00'; N 28°50'56" E FOR A DISTANCE OF 302.98'; N 61°09'04" W FOR A DISTANCE OF 10.00'; N 28°50'56" E FOR A DISTANCE OF 762.40'; N 22°49'09" E FOR A DISTANCE OF 128.76' TO A FOUND CAPPED REBAR, N12°19'32" E FOR A DISTANCE OF 105.92' TO A FOUND CAPPED REBAR; THENCE LEAVING SAID RIGHT-OF-WAY, RUN S 17°49'31" E FOR A DISTANCE OF 110.93' TO A FOUND CAPPED REBAR; THENCE RUN S 05°47'46" E FOR A DISTANCE OF 202.94'; THENCE RUN S 02°03'45" W FOR A DISTANCE OF 30.14'; THENCE RUN N 80°55'22" E FOR A DISTANCE OF 1413.17' TO THE EAST BOUNDARY OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER (NE1/4 SE1/4) OF THE SAID SECTION 15; THENCE RUN S 00°03'43" W ALONG SAID EAST BOUNDARY FOR A DISTANCE OF 1101.62' TO THE POINT OF BEGINNING, AND CONTAINING 97.87 ACRES, MORE OR LESS.

**FLOOD NOTE:**  
BY GRAPHIC PLOTTING ONLY, THE SUBJECT PROPERTY IS IN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 05123C0242D, DATED 02/18/2005 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.

**WETLAND NOTE:**  
IT HAS BEEN DETERMINED THAT NO WETLANDS EXIST ON SITE PER US FISH AND WILDLIFE WETLAND MAPPER (DATA LAST MODIFIED OCTOBER 1, 2020)

**EACC CAMPUS CONNECTIVITY**  
**ARDOT PROJECT NO. 110761**  
New Castle Road, Forrest City, Arkansas

|                 |                             |
|-----------------|-----------------------------|
| EDG PROJECT NO. | 20-056                      |
| DATE            | 2023.04.17                  |
| REVISIONS       |                             |
| Number          | Date                        |
| ADDENDUM #2     | 03.22.2024                  |
| PHASE           | 100% Construction Documents |
| TITLE           | Cover Sheet                 |
| SHEET NO.       | C0.00                       |





**EACC CAMPUS CONNECTIVITY  
ARDOT PROJECT NO. 110761  
New Castle Road, Forrest City, Arkansas**

EDG PROJECT NO. 20-056

DATE 2023.04.17

| Number      | Date       |
|-------------|------------|
| ADDENDUM #1 | 03.14.2024 |
| ADDENDUM #2 | 03.22.2024 |

PHASE **100%** Construction Documents

TITLE General Notes & Legends

SHEET NO. **C0.01**

**ABBREVIATIONS**

|        |                           |
|--------|---------------------------|
| BOC    | BACK OF CURB              |
| BW     | BOTTOM WIDTH              |
| CL     | CENTERLINE                |
| CL     | CLEARANCE                 |
| CMP    | CORRUGATED METAL PIPE     |
| DIA    | DIAMETER                  |
| D/C    | DUAL CONTAINED            |
| DWG    | DRAWING                   |
| E      | EASTING                   |
| EL     | ELEVATION                 |
| EXIST  | EXISTING                  |
| FES    | FLARED END SECTION        |
| FL     | FLOW LINE                 |
| FT     | FEET                      |
| FL IN  | FLOW LINE IN              |
| FL OUT | FLOW LINE OUT             |
| GA     | GAUGE                     |
| GMP    | GAS MONITORING PROBE      |
| HDPE   | HIGH DENSITY POLYETHYLENE |
| HORZ   | HORIZONTAL                |
| ID     | INSIDE DIAMETER           |
| INV    | INVERT                    |
| LB     | POUNDS                    |
| LD     | LEAK DETECTION            |
| LEN    | LENGTH                    |
| LFG    | LANDFILL GAS              |
| MAX    | MAXIMUM                   |
| MH     | MANHOLE                   |
| MIN    | MINIMUM                   |
| N      | NORTHING                  |
| N.T.S. | NOT TO SCALE              |
| OD     | OUTSIDE DIAMETER          |
| PL     | PROPERTY LINE             |
| PVC    | POLYVINYL CHLORIDE        |
| PL     | PLATE                     |
| R      | RADIUS                    |
| RCP    | REINFORCED CONCRETE PIPE  |
| SCH    | SCHEDULE                  |
| SS     | STAINLESS STEEL           |
| SQ     | SQUARE                    |
| STA    | STATION                   |
| TOC    | TOP OF CURB               |
| TYP    | TYPICAL                   |
| VERT   | VERTICAL                  |

**UTILITY NOTES:**

- EXISTING STRUCTURES AND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. ALL STRUCTURES AND UTILITIES MAY NOT BE SHOWN. ALL EXISTING UTILITY LOCATIONS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION (WHETHER SHOWN OR NOT SHOWN). UTILITY SERVICE MUST BE MAINTAINED DURING AND AFTER CONSTRUCTION
- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- ALL WATER LINE AND SANITARY SEWER WORK MUST BE PERFORMED IN ACCORDANCE WITH (LOCAL JURISDICTION) STANDARD SPECIFICATIONS AND DETAILS, AND SHALL BE COORDINATED WITH LOCAL JURISDICTION
- THE CONTRACTOR SHALL COORDINATE THE CONNECTIONS TO THE EXISTING WATER LINES WITH THE LOCAL JURISDICTION.
- PROVIDE THRUST BLOCKING FOR THE PROPOSED WATERLINES AS SHOWN ON THE DETAIL SHEETS AND AS REQUIRED BY THE LOCAL JURISDICTION.
- ALL WATER AND SEWER LINES AND SERVICES CROSSING ROADWAYS ARE TO BE BACKFILLED WITH COMPACTED CLASS 7 AGGREGATE BASE COURSE.
- ALL WATER MAINS SHALL BE A MINIMUM OF 4-FT BELOW FINISHED GRADE AND A MINIMUM OF 1-FT BELOW STORM DRAINS.
- ALL WATER MAINS ARE TO CROSS OVER SEWER MAINS WITH A MINIMUM OF 18-IN OF VERTICAL SEPARATION AND WATER AND SEWER MAINS SHALL HAVE A MINIMUM OF 10-FT HORIZONTAL SEPARATION.
- ALL SANITARY SEWER WORK SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE LOCAL JURISDICTIONS STANDARD SPECIFICATIONS AND DETAILS AND SHALL BE COORDINATED WITH THE LOCAL JURISDICTION.

**EXISTING LEGEND**

- FORTY LINE
- PROPERTY LINE
- CENTERLINE OF ROAD
- RIGHT OF WAY
- FENCE LINE
- OVERHEAD POWER LINE
- BUILDING SETBACK
- UTILITY EASEMENT
- TREE/CANOPY LINE
- SANITARY SEWER
- DRAINAGE PIPE
- 5' CONTOUR INTERVAL
- 1' CONTOUR INTERVAL
- WATER LINE
- FLOW LINE
- GAS LINE
- FIBER OPTIC LINE
- FOUND MONUMENT
- SET IRON PIN
- LIGHT POLE
- POWER POLE
- MANHOLE
- WATER VALVE
- FIRE HYDRANT
- DRAINAGE INLET
- SEWER MANHOLE
- SIGN/SIGN POST
- SPOT ELEVATION
- TELEPHONE PEDESTAL
- LIGHT POLE
- WATER FAUCET
- TRASH CAN
- HANDICAP PARKING
- FLAG POLE

**PROPOSED LEGEND**

- 000 —— PROPOSED INTERMEDIATE CONTOUR (1 FT)
- 000 —— PROPOSED INDEX CONTOUR (5 FT)
- ——— PROPOSED TRAIL CENTERLINE
- PROPOSED CONCRETE
- PROPOSED BOARDWALK
- 500.XX PROPOSED SPOT GRADE
- PROPOSED TEMPORARY ROCK CHECK DAM
- PROPOSED STRAW WATTLE
- PROPOSED CONCRETE WASHOUT
- PROPOSED TREE PROTECTION

All Symbols May Not Appear On Drawing. Use As Applicable.

**GENERAL NOTES:**

- EXISTING SURVEY DATA WAS OBTAINED FROM A TOPOGRAPHIC & BOUNDARY SURVEY PERFORMED BY BLEW & ASSOCIATES, PA AND DATED 08-07-2018.
- SURVEY DATA IS BASED UPON NAD 83, STATE STATE PLANE, ARKANSAS NORTH FEET COORDINATE SYSTEM.
- ELEVATIONS ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM.
- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY, COUNTY, STATE, AND FEDERAL REGULATIONS AND CODES AS WELL AS OSHA STANDARDS. SITE CONTRACTOR SHALL MEET OR EXCEED ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL MEASURES
- THE APPROXIMATE LOCATION OF KNOWN UTILITIES & SUBSURFACE STRUCTURES AS SHOWN HEREON ARE BASED ON ABOVE-GROUND VISIBLE STRUCTURES & RECORD DRAWINGS PROVIDED. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF THESE & ALL OTHER SUBSURFACE AND/OR LATENT FACILITIES PRIOR TO BEGINNING WORK. ALL REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE AS REQUIRED BY THE OWNER OF THE UTILITY OR STRUCTURE & THE COST OF SUCH REPAIRS NECESSARY SHALL BE BORNE BY THE CONTRACTOR.
- ALL WORK PERFORMED WITHIN THE RIGHT-OF-WAY SHALL BE COORDINATED WITH THE CITY OF FORREST CITY ENGINEERING DEPARTMENT AND TRAFFIC DEPARTMENT.
- ALL STREETS, DRIVES, WALKS, DRAINAGE STRUCTURES, FENCES, ETC. THAT ARE DISTURBED SHALL BE RESTORED TO THEIR ORIGINAL OR BETTER CONDITION USING LIKE MATERIALS. COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR UNLESS PROVISION FOR PAYMENT IS MADE IN THE PROPOSAL.
- THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT 1-800-482-8998 48 HOURS PRIOR TO DIGGING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
- THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN IMPLEMENTED, AND THE SWPPP, EROSION CONTROL PLAN, AND SIGNED AUTOMATIC NOTICE OF COVERAGE IS POSTED ON SITE.
- CONTRACTOR IS RESPONSIBLE FOR ALL FIELD TESTING AS DESCRIBED IN THE SPECIFICATIONS (INCLUDING BUT NOT LIMITED TO COMPACTION DENSITY TESTING, ETC.), AND SHALL PROVIDE RESULTS TO ENGINEER, AND MAINTAIN RECORDS AND RESULTS OF ALL TESTS PERFORMED DURING CONSTRUCTION. TESTING BY THE CONTRACTOR SHALL BE INCLUDED IN THE BID.
- EXISTING FACILITIES AND FEATURES ARE SHOWN LIGHT-LINED AND/OR SCREENED. NEW FACILITIES AND FEATURES ARE SHOWN SOLID AND HEAVY-LINED.
- SLOPES AND GRADES SHOWN ARE IN UNITS OF FT/FT UNLESS OTHERWISE NOTED.
- ALL PAVEMENT AND CURB MEASUREMENTS ARE TAKEN FROM FACE OF CURB OR EDGE OF PAVEMENT.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- THE SECTION OF THE PROJECT THAT IS CIRCLED IN RED IS CONSIDERED AN 'ADD ALTERNATE' AND MAY NOT BE ELIGIBLE FOR FUNDING THROUGH THE TAPS GRANT DUE TO COMPROMISED ADA ACCESSIBILITY. THIS IS JUSTIFIED IN THAT THE EASTERN ROUTE IS FULLY ADA ACCESSIBLE AND ACCOMPLISHES CONNECTING THE SAME AREAS VIA ALTERNATE CONNECTION POINTS; THEREFORE THE WESTERN PORTION OF THE TRAIL IS CONSIDERED REDUNDANT.

**DEMOLITION NOTES:**

- DEMOLITION SHALL NOT BEGIN UNTIL THE APPROPRIATE EROSION CONTROL MEASURES AND REQUIRED TREE PRESERVATION FENCING HAVE BEEN INSTALLED.
- CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE, AND LOCAL CODES FOR DEMOLITION AND DISPOSAL OF ALL MATERIALS.
- CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTY IS NOT DAMAGED.
- CONTRACTOR SHALL COORDINATE WILL ALL UTILITY COMPANIES REGARDING RELOCATION, REMOVAL, AND/OR DISCONNECTION.
- CONTRACTOR SHALL PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC.
- CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY UNDERGROUND TANKS ARE FOUND ON SITE.
- ALL TREES (EXCEPT THOSE SHOWN TO BE PROTECTED) AND VEGETATION WITHIN THE CLEARING AND GRADING LIMITS SHALL BE CLEARED AND GRUBBED INCLUDING TREE ROOT SYSTEMS. ALL DEBRIS IS TO BE REMOVED FROM THE SITE.
- STRIP TOPSOIL AND STOCKPILE IN THE DESIGNATED AREA FOR FUTURE USE.
- LARGE ROCKS AND BOULDERS SHALL BE REMOVED AND DISPOSED FROM THE SITE.

**STREET CONSTRUCTION (GRADING) AND EARTHWORK NOTES:**

- THE ENGINEER SHALL BE NOTIFIED 24 HOURS PRIOR TO PLACEMENT OF ANY FILL MATERIAL, INSTALLATION OF STORM DRAINAGE PIPE, DRAINAGE STRUCTURES, CURB AND GUTTER, OR PLACEMENT OF CRUSHED STONE OR ASPHALT.
- CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT PERFORM EARTHWORK IN ACCORDANCE WITH THE RECOMMENDATIONS IN SAID REPORT.
- THE CONTRACTOR SHALL NOTIFY THE GEOTECHNICAL ENGINEER TO INSPECT THE SUBGRADE PRIOR TO PLACING FILL.
- FILL AND BACKFILL SHALL BE PLACED IN HORIZONTAL, NOMINAL 6- TO 8-IN THICK LOOSE LIFTS. EACH LIFT SHALL BE TESTED AND APPROVED PRIOR TO PLACING SUBSEQUENT LIFTS.
- THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND SECTION 212 OF THE ARKANSAS STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. PRIOR TO PLACING THE CRUSHED STONE BASE COURSE THE SUBGRADE SHALL BE PROOF ROLLED, AND MUST BE VERIFIED TO CONFORM TO THE GRADES AND SLOPES SHOWN ON THE DRAWINGS.
- ALL MUD SOIL, AND LOOSE GRAVEL SHALL BE REMOVED FROM THE CRUSHED STONE BASE AND CONCRETE CURB PRIOR TO PLACEMENT OF ASPHALT.
- THE CONTRACTOR SHALL PROVIDE APPROPRIATE ADVANCED WARNING DEVICES, BARRICADES, BARRELS, AND OTHER MEASURES AS NEEDED TO PROPERLY CONTROL AND ADVISE TRAFFIC OF CONSTRUCTION EQUIPMENT.
- THE CONTRACTOR SHALL REPAIR ANY DAMAGE THE CONSTRUCTION ACTIVITY OR HAULING OF MATERIAL MAY HAVE ON THE EXISTING STREETS AND/OR ACCESS ROADS.
- COORDINATE WORK WITH OWNER TO MINIMIZE THE EFFECTS OF CONSTRUCTION ON DAILY OPERATIONS OF THE FACILITY.
- COORDINATE ALL DEMOLITION WORK WITH OWNER. VERIFY OWNER DOES NOT WISH TO RETAIN MATERIAL BEFORE IT IS REMOVED AND DISPOSED.
- ALL CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE DESIGNATED AREAS SHOWN ON THE PLANS. ALL AREAS OUTSIDE OF THOSE LIMITS SHALL BE PROTECTED AND MAINTAINED.
- GRADING SHALL BE LIMITED TO THE EXTENT OF THE PROPOSED CONTOURS AND SPOT GRADES SHOWN ON THE PLANS.
- ALL CUT AND/OR FILL SLOPES SHALL BE A MAXIMUM 3H:1V SLOPE OR FLATTER UNLESS OTHERWISE NOTED.
- ALL STORM DRAINAGE PIPE CONNECTIONS TO STRUCTURES SHALL BE GROUTED TO PROVIDE A WATERTIGHT CONNECTION AT THE STRUCTURE.
- ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES INSTALLED IN PAVED AND TRAFFIC AREAS SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND INSTALLED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR H20 LOADING.
- ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEARING RINGS AND COVERS.
- THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL OR STRUCTURAL ENGINEERING PLANS AND SPECIFICATIONS.

**GENERAL EROSION CONTROL NOTES:**

- SITE CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MONITORING, AND MAINTAINING ALL EROSION & SEDIMENT CONTROL BMPs.
- SITE CONTRACTOR IS RESPONSIBLE TO KEEP AND UPDATE ALL STORM EVENT LOG BOOKS.
- THE CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PLAN TO PREVENT MUD, SEDIMENT, AND CONSTRUCTION MATERIALS FROM BEING WASHED OR TRACKED OFF SITE ONTO ADJACENT PROPERTY. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE APPROVED ADEQ CONSTRUCTION STORMWATER PERMIT AND MAINTAIN THE STORMWATER POLLUTION PREVENTION PLAN AT ALL TIMES.
- THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THIS DRAWING (SITE MAP), THE EROSION CONTROL DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN THE TEMPORARY EROSION CONTROL SECTION OF THE SPECIFICATIONS, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- EROSION CONTROL DEVICES SHALL BE INSTALLED AS THE PROJECT PROGRESSES AND AREAS ARE DISTURBED.
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, AND OR LOCAL MANUAL OF PRACTICE, AND THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECT BY THE PERMITTING AGENCY OR OWNER.
- THIS EROSION CONTROL PLAN MAY BE REVISED BY ADDING OR DELETING EROSION CONTROL DEVICES AS DIRECTED BY THE ENGINEER.
- THE LOCATIONS OF THESE EROSION CONTROL DEVICES MAY BE CHANGED IF SITE CONDITIONS WARRANT TO PREVENT EROSION.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE AND EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- ALL INLETS ON AND ADJACENT TO THE SITE SHALL BE PROTECTED FROM SEDIMENT.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- PERFORM EQUIPMENT AND VEHICLE MAINTENANCE ONLY IN DESIGNATED AREAS. USE DRIP PANS UNDER EQUIPMENT.
- INSPECT ALL EROSION CONTROL DEVICES WEEKLY AND FLOWING RAINFALL EVENTS OF 0.5 INCHES THROUGHOUT THE DURATION OF THIS PROJECT AND UNTIL PERMANENT VEGETATION IS ESTABLISHED.
- ALL DISTURBED AREAS LEFT IDLE FOR A PERIOD OF 14 DAYS OR LONGER ARE TO RECEIVE TEMPORARY VEGETATION AND MULCHED.
- DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND/OR OTHER PETROLEUM-BASED, OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATION IS PROHIBITED.
- SOLID WASTE (INCLUDING TRASH AND DEBRIS) MUST BE DISPOSED OF PROPERLY, AND HAZARDOUS MATERIALS (INCLUDING OIL, GASOLINE, AND PAINT) MUST BE PROPERLY STORED (WHICH INCLUDES SECONDARY CONTAINMENT), PROPERLY MANAGE PORTABLE SANITARY FACILITIES.
- USE DRY CLEANUP METHODS TO COLLECT LITTER AND ABSORB ANY LIQUID WASTES PRIOR TO ANY PRESSURE WASHING. THESE INCLUDE USING ABSORBENTS (RAGS, SAND, ETC.), SWEEPING, AND SCRAPPING OFF DRIED DEBRIS.
- RUBBISH, TRASH, GARBAGE, OR LITTER SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM BEING BLOWN OR WASHED OFF-SITE.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES EXIT ONTO THE PUBLIC ROADS. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH ADEQ CONSTRUCTION STORMWATER PERMIT.
- ALL MATERIALS MUST BE STORED OUT OF THE WAY OF VEHICULAR TRAFFIC.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- EROSION CONTROL FACILITIES REQUIRED BY THESE PLANS AND/OR THE FACILITY PERMIT ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL FACILITIES AS NECESSARY.
- REMOVE EROSION CONTROL DEVICES AFTER PERMANENT VEGETATION IS ESTABLISHED.

**ADDITIONAL EROSION CONTROL NOTES:**

**INITIAL SITE PREPARATION:**

- INSTALL STABILIZED CONSTRUCTION ENTRANCES/EXITS.
- SITE CONTRACTOR SHALL SUBMIT TO ENGINEER FOR APPROVAL A SITE MAP SHOWING THE PROPOSED LOCATIONS OF THE FOLLOWING: TRAILER, PARKING, LAY DOWN, PORTAJ-POTTY, WHEEL WASH, CONCRETE WASH-OUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROGRESS.
- CONSTRUCT THE SILT FENCES ON THE SITE AS INDICATED ON THE PLANS.
- CONSTRUCT THE SEDIMENTATION AND SEDIMENT TRAP BASINS.
- CONTACT THE ENGINEER TO PERFORM INSPECTION OF THE BMPs. SITE CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING SUB-CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
- CLEAR AND GRUB THE SITE WITHIN THE LIMITS OF WORK SHOWN ON THE PLANS.
- CONTRACTOR SHALL BEGIN GRADING THE SITE AND BEGIN CONSTRUCTION.

**DURING CONSTRUCTION:**

- TEMPORARILY SEED DISTURBED AREAS.
- INSTALL INLET PROTECTION AROUND ALL NEWLY CONSTRUCTED STORM SEWER STRUCTURES.
- AFTER PAVING, INSTALL INLET PROTECTION DEVICES.
- AT THE COMPLETION OF GRADING INSTALL PERMANENT SEEDING AND PLANTINGS.
- ONCE SITE IS STABILIZED, THE CONTRACTOR CAN REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
- ON AN AS-NEEDED BASIS OR AS DIRECTED BY THE CITY OR OWNER, THE CONTRACTOR SHALL CONTROL DUST BY EXPOSING THE SOIL SURFACE TO MOISTURE PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.

| QUANTITIES |                                  |          |                |
|------------|----------------------------------|----------|----------------|
|            | DESCRIPTION                      | UNITS    | TOTAL REQUIRED |
| 1          | CONCRETE WASHOUT                 | EA       | 1              |
| 2          | CONSTRUCTION ENTRANCE            | EA       | 1              |
| 3          | STRAW WATTLE                     | LIN. FT. | 305            |
| 4          | ROCK CHECK                       | EA       | 1              |
| 5          | TREE PROTECTION                  | LN. FT.  | 180            |
| 6          | TREE REMOVAL                     | EA       | 2              |
| 7          | FENCE REMOVAL                    | LIN. FT. | 13             |
| 8          | CURB REMOVAL                     | SQ. YD.  | 0.66           |
| 9          | BERMUDA SOD                      | SQ. YD.  | 1176           |
| 10         | BROWNTOP MILLET 25 LBS/ACRE      | SQ. YD.  | 1436           |
| 11         | BERMUDA SEED HULLED 135 LBS/ACRE | SQ. YD.  | 1436           |
| 12         | COMPACTED AGGREGATE BASE         | TON      | 153            |
| 13         | CONCRETE - TRAIL & RISERS        | SQ. YD.  | 333            |
| 14         | ELEVATED WALK                    | EA       | 1              |
| 15         | CONCRETE ABUTMENTS               | EA       | 6              |
| 16         | BOARDWALK                        | SQ. YD.  | 45             |
| 17         | ADJUST SEWER MANHOLE TO GRADE    | EA       | 1              |
| 18         | IMPORT SELECT FILL               | CU. YD.  | 476            |

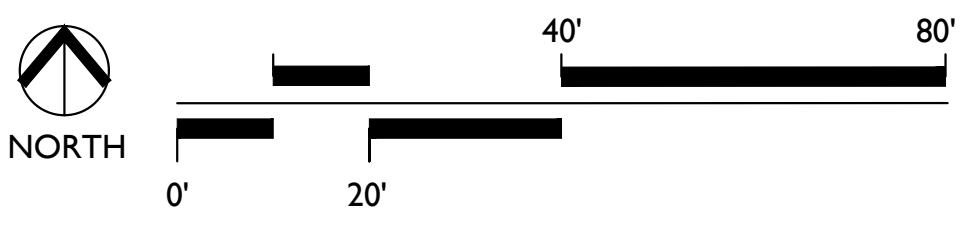
**1 GENERAL NOTES & LEGENDS**





**NOTE:**  
 EXISTING CONDITIONS SURVEY PROVIDED BY  
 OWNER. DISCREPANCIES MAY EXIST. TO BE  
 UTILIZED FOR PRICING ONLY - VERIFICATION OF  
 SITE CONDITIONS REQUIRED.

**EXISTING CONDITIONS PLAN**



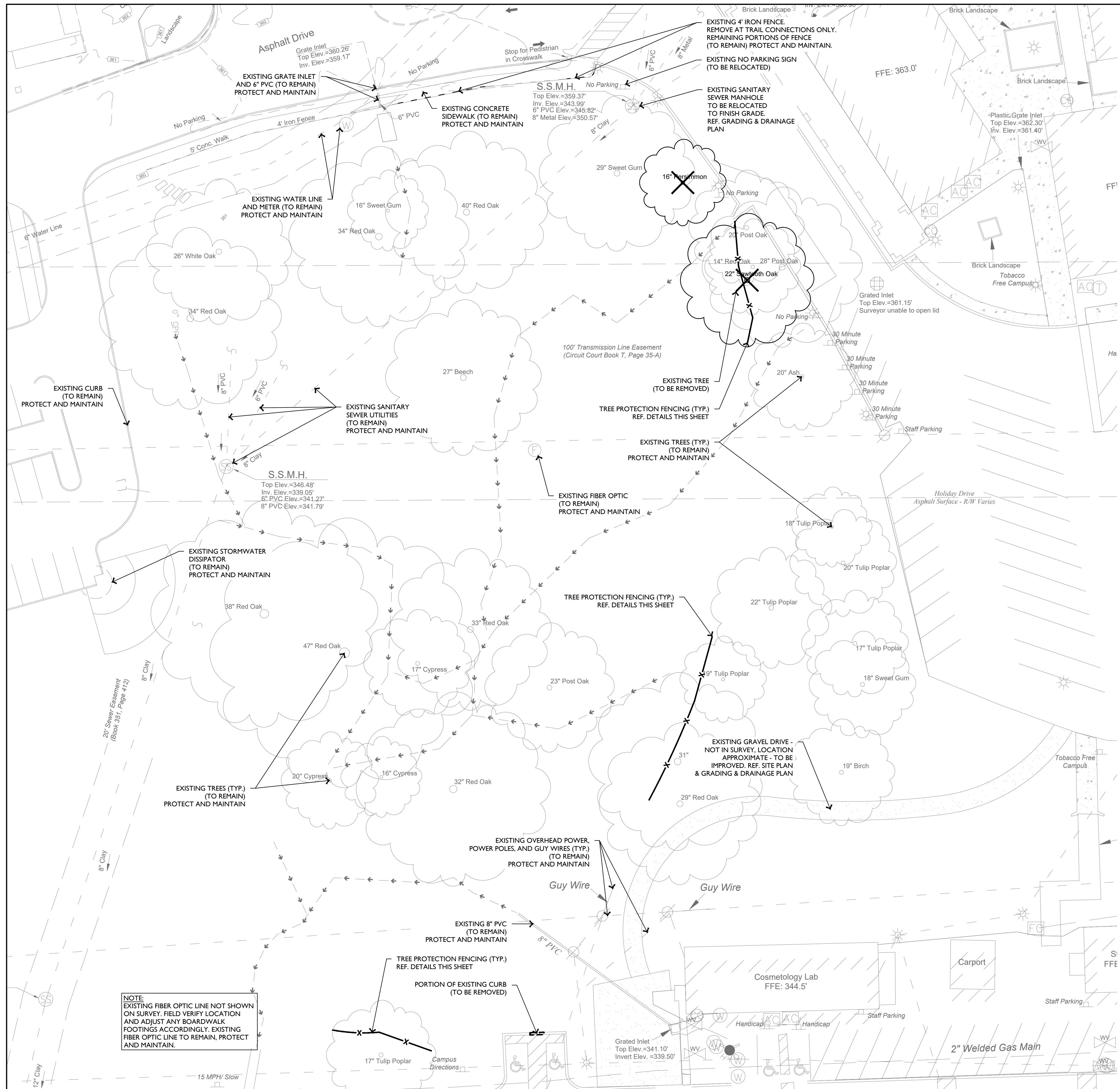
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**ARDOT PROJECT NO. 110761**  
 New Castle Road, Forrest City, Arkansas

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| EDG PROJECT NO. | 20-056                      |
| DATE            | 2023.04.17                  |
| REVISIONS       |                             |
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| PHASE           | 100% Construction Documents |
| TITLE           | Existing Conditions Plan    |
| SHEET NO.       | <b>C0.10</b>                |



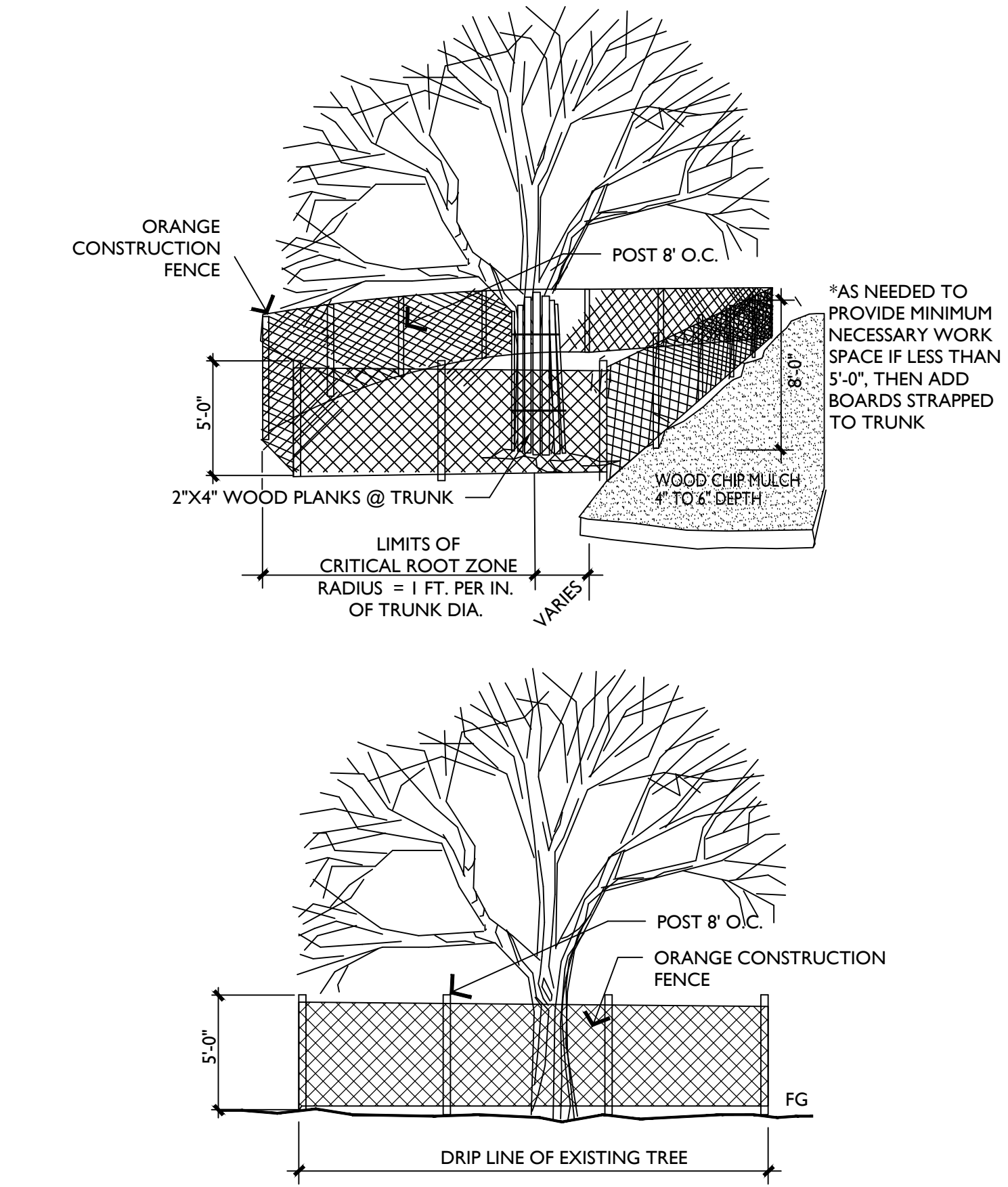


**TREE PROTECTION NOTES**

- ALL TREES SHOWN ON THIS PLAN TO BE RETAINED SHALL BE PROTECTED DURING CONSTRUCTION WITH TEMPORARY FENCING IF THE TREE FALLS WITHIN THE LIMITS OF DISTURBANCE.
- TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING).
- FENCES SHALL COMPLETELY SURROUND THE TREE OR CLUSTERS OF TREES, WILL BE LOCATED AT THE OUTERMOST LIMITS OF THE TREE BRANCHES (DRIFLINE); AND WILL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT IN ORDER TO PREVENT THE FOLLOWING:
  - SOIL COMPACTION IN THE ROOT ZONE AREA RESULTING FROM VEHICULAR TRAFFIC OR STORAGE OF EQUIPMENT OR MATERIALS.
  - ROOT ZONE DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN 4" CUT OR FILL) OR TRENCHING NOT REVIEWED OR AUTHORIZED BY THE OWNER'S REPRESENTATIVE.
  - WOUNDS TO EXPOSED ROOTS, TRUNK OR LIMBS BY MECHANICAL EQUIPMENT.
  - OTHER ACTIVITIES DETRIMENTAL TO TREES SUCH AS CHEMICAL STORAGE, CEMENT TRUCK CLEANING, AND FIRES.
- EXCEPTIONS TO INSTALLING FENCES AT TREE DRIFLINES MAY BE PERMITTED IN THE FOLLOWING CASES:
  - WHERE PERMEABLE PAVING IS TO BE INSTALLED, ERECT THE FENCE AT THE OUTER LIMITS OF THE PERMEABLE PAVING AREA.
  - WHERE TREES ARE CLOSE TO THE PROPOSED BUILDING, ERECT THE FENCE NO CLOSER THAN 6' TO THE BUILDING.
- WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN A FENCE BEING CLOSER THAN 4 FEET TO A TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF 8' (OR TO THE LIMITS OF THE LOWER BRANCHING) IN ADDITION TO THE REDUCED FENCING PROVIDED.
- WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN AREAS OF UNPROTECTED ROOT ZONES (UNDER DRIFLINES), THOSE AREAS SHOULD BE COVERED WITH 4" OF ORGANIC MULCH TO MINIMIZE SOIL COMPACTION.
- ALL GRADING WITHIN PROTECTED ROOT ZONE AREAS SHALL BE DONE BY HAND OR WITH SMALL EQUIPMENT TO MINIMIZE ROOT DAMAGE. PRIOR TO GRADING, RELOCATE PROTECTIVE FENCING TO 2 FEET BEHIND THE GRADE CHANGE AREA.
- ANY ROOT EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL. BACK FILL ROOT AREAS WITH GOOD QUALITY TOP SOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACK FILLED WITHIN 2 DAYS, COVER THEM WITH ORGANIC MATERIAL.
- PRIOR TO EXCAVATION OR GRADE CUTTING WITHIN TREE DRIFLINES, MAKE A CLEAN CUT BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW OR SIMILAR EQUIPMENT TO MINIMIZE DAMAGE.
- TREES MOST HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES SHOULD BE WATERED DEEPLY ONCE A WEEK DURING PERIODS OF HOT, DRY WEATHER. TREE CROWNS SHOULD BE SPRAYED WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
- ANY TRENCHING REQUIRED FOR THE INSTALLATION OF THE LANDSCAPE IRRIGATION SHALL BE PLACED AS FAR FROM EXISTING TREE TRUNKS AS POSSIBLE.
- NO LANDSCAPE TOPSOIL DRESSING GREATER THAN 4" INCHES SHALL BE PERMITTED WITHIN THE DRIFLINE OF TREES. NO SOIL IS PERMITTED ON THE ROOT FLARE OF ANY TREE.
- PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC AND EQUIPMENT SHALL TAKE PLACE BEFORE CONSTRUCTION BEGINS.
- ALL FINISHED PRUNING MUST BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES).

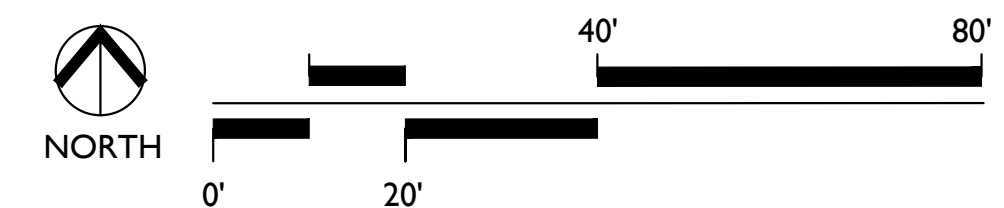
**PROPOSED LEGEND**

- TREE PROTECTION FENCE
- CURB TO BE REMOVED
- EXISTING TREE TO BE REMOVED



**2 TREE PROTECTION DETAILS**

**1 DEMOLITION & TREE PRESERVATION PLAN**



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Professional Engineer  
 No. 19108  
 Robert Hazen Helms  
 06.30.23

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| PHASE           | 100% Construction Documents         |
| TITLE           | Demolition & Tree Preservation Plan |
| SHEET NO.       | C0.11                               |

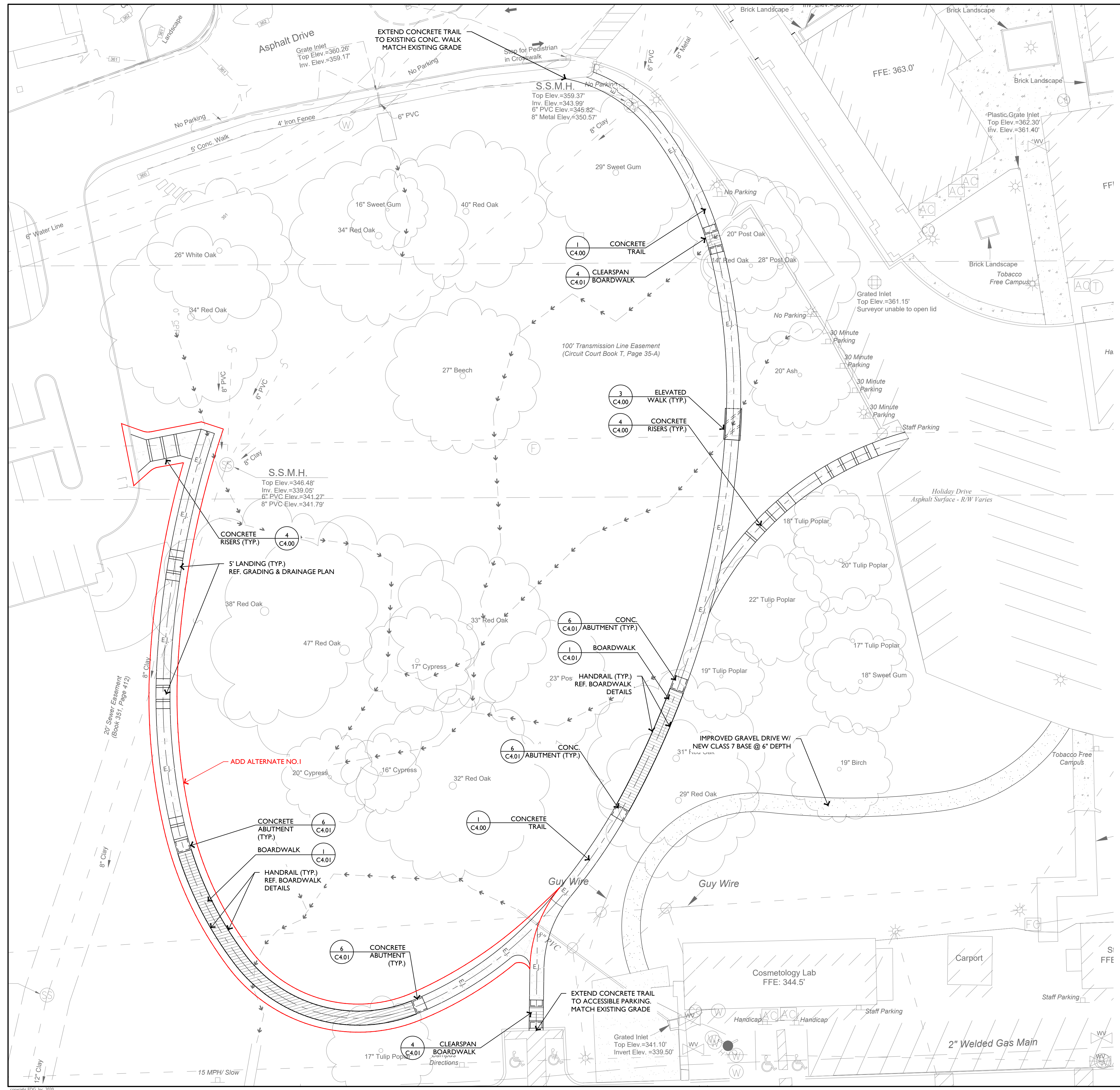
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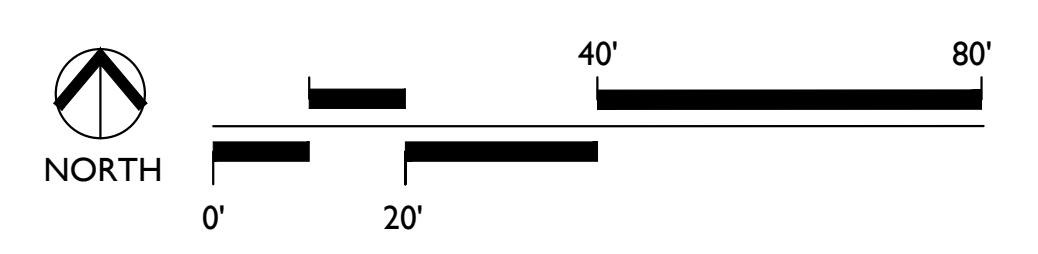


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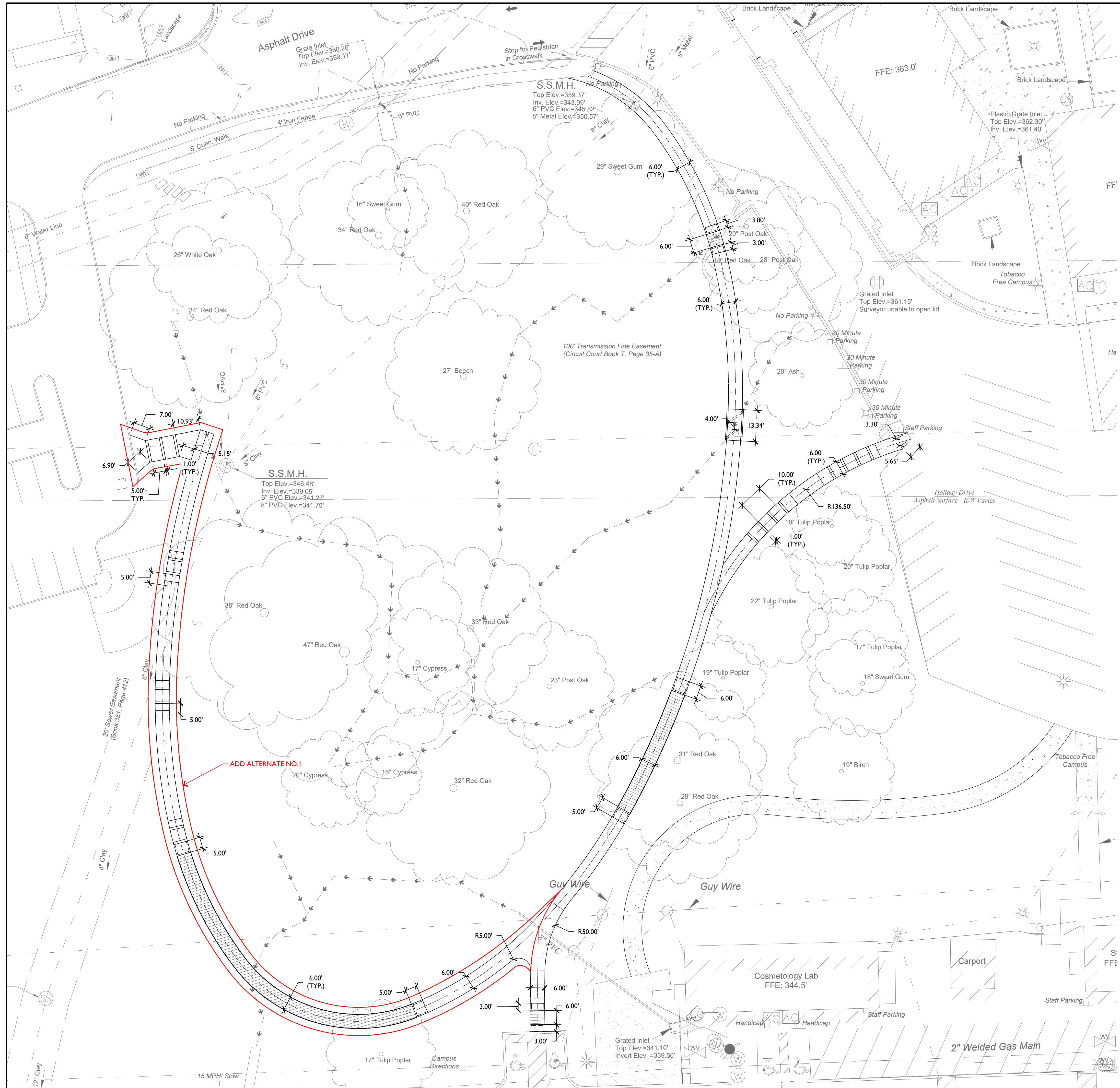
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| DATE            | 2023.04.17                  |
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| PHASE           | 100% Construction Documents |
| TITLE           | Site Plan                   |
| SHEET NO.       | C1.00                       |



1 SITE PLAN



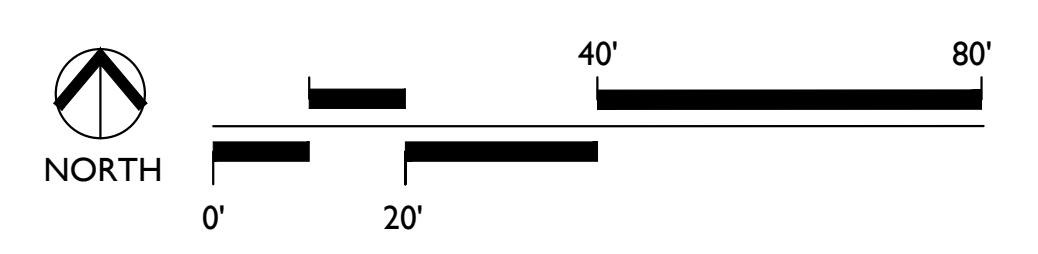




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|                 |                             |
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|                 |                             |
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| PHASE           | 100% Construction Documents |
| TITLE           | Site Layout Plan            |
| SHEET NO.       | C1.01                       |

**1 SITE LAYOUT PLAN**



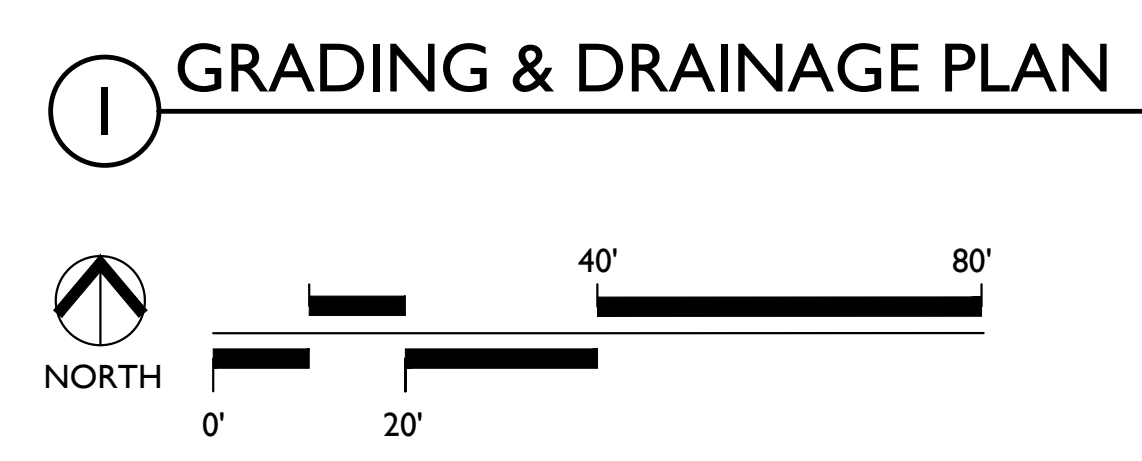
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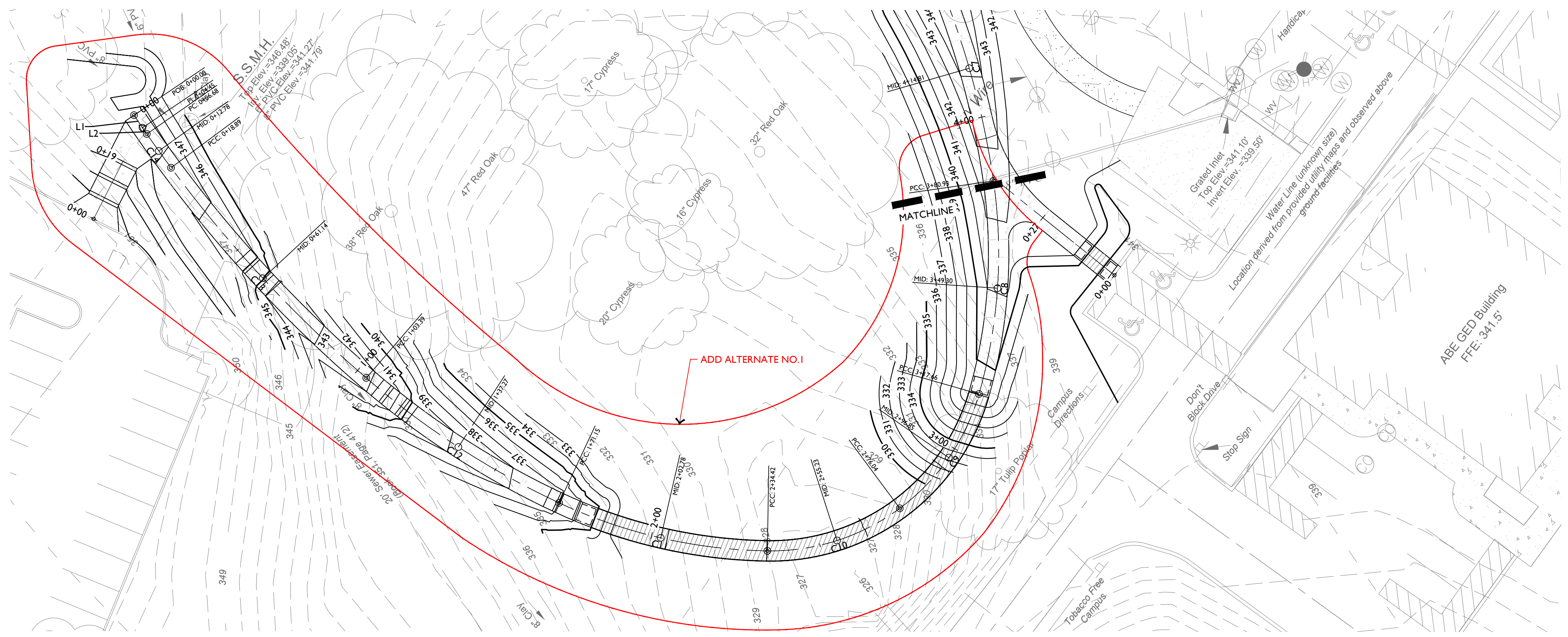


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| ADDENDUM #1                              | 03.22.2024 |
| PHASE <b>100%</b> Construction Documents |            |
| TITLE Grading & Drainage Plan            |            |
| SHEET NO. <b>C2.00</b>                   |            |

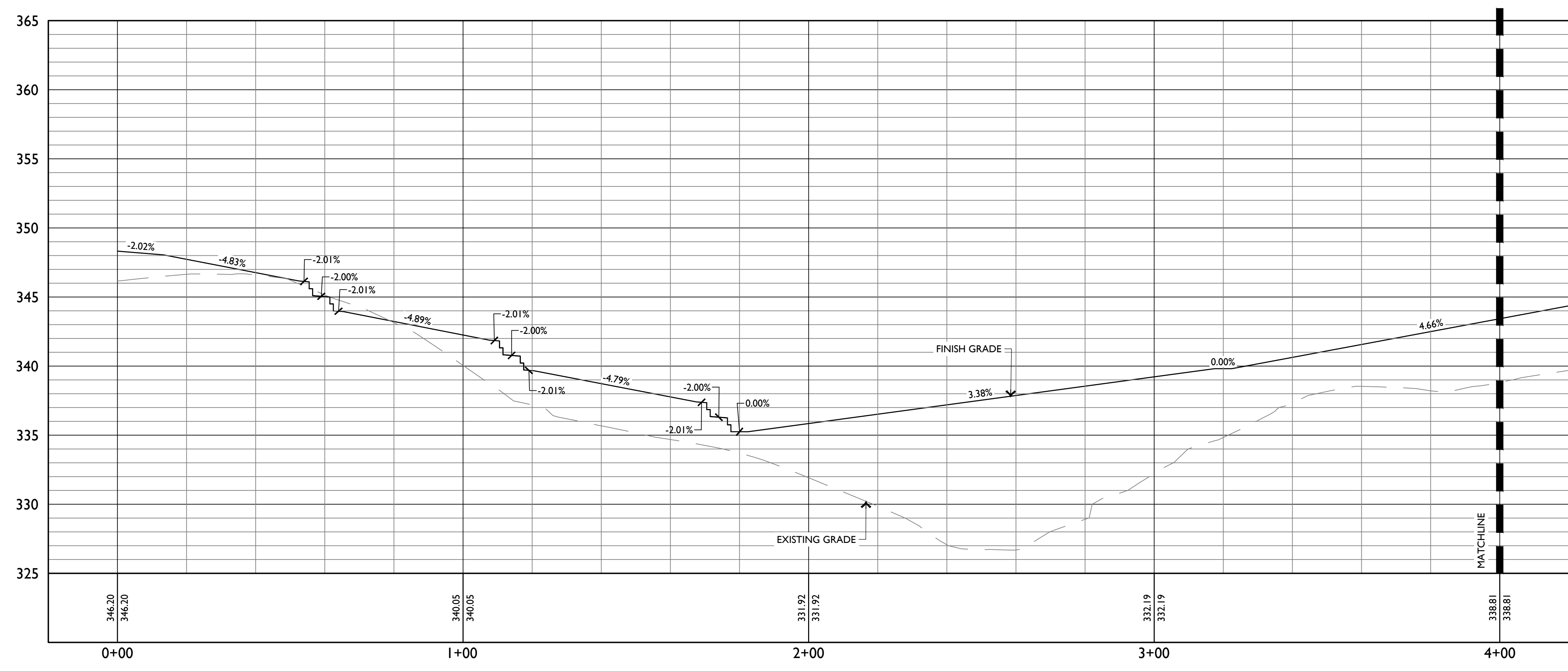






1 MAIN TRAIL PLAN  
STA. 0+00 TO STA. 4+00

SCALE: 1" = 20'-0"



2 MAIN TRAIL PROFILE  
STA. 0+00 TO STA. 4+00

HORIZONTAL SCALE: 1" = 20'-0"  
VERTICAL SCALE: 1" = 5'-0"



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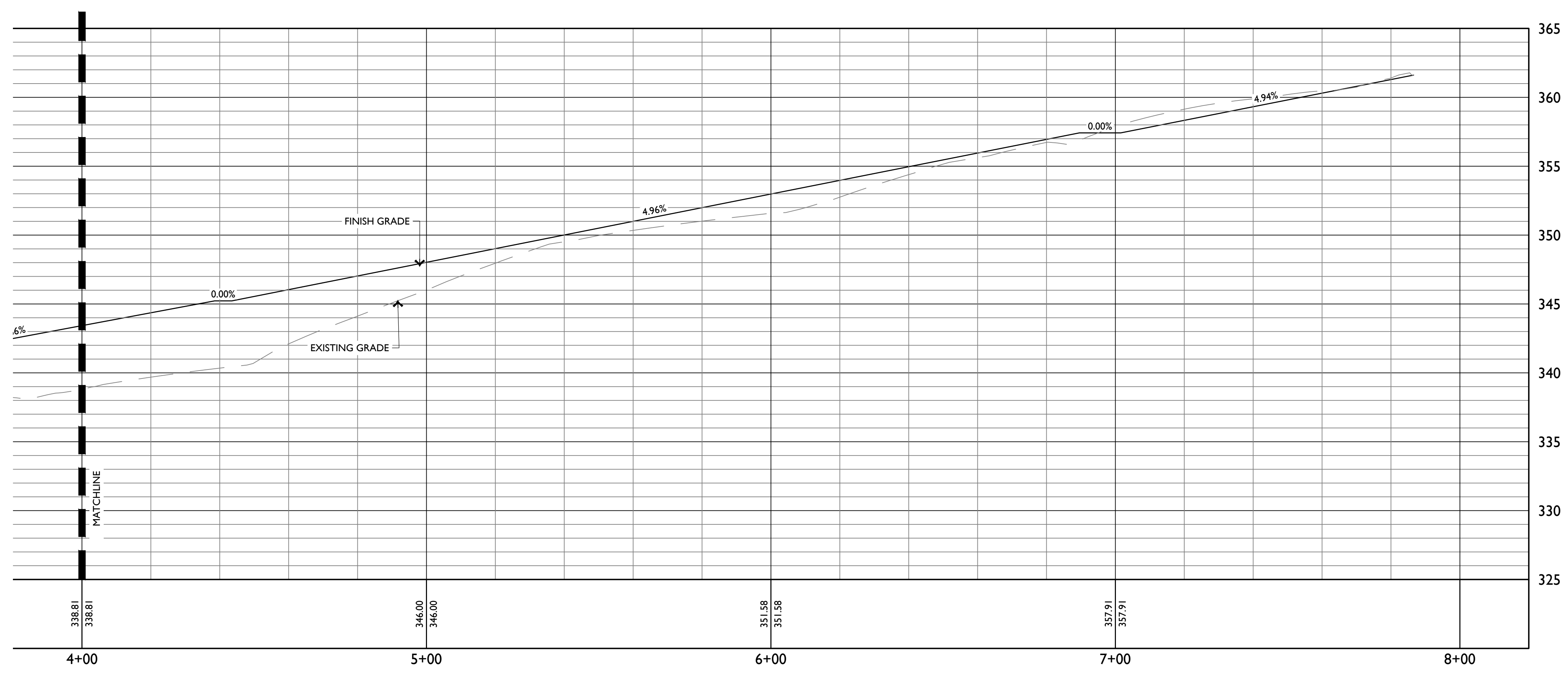
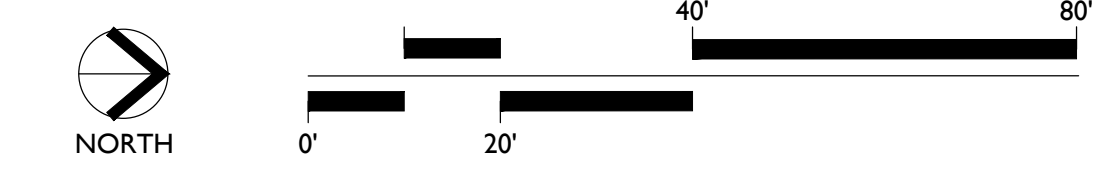
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| PHASE           | 100% Construction Documents |
| TITLE           | Trail Plan and Profile      |
| SHEET NO.       | C2.10                       |





**1** MAIN TRAIL PLAN  
 STA. 4+0.00 TO 8+0.00

SCALE: 1" = 20'-0"



**2** MAIN TRAIL PROFILE  
 STA. 4+00 TO STA. 8+00

HORIZONTAL SCALE: 1" = 20'-0"  
 VERTICAL SCALE: 1" = 5'-0"

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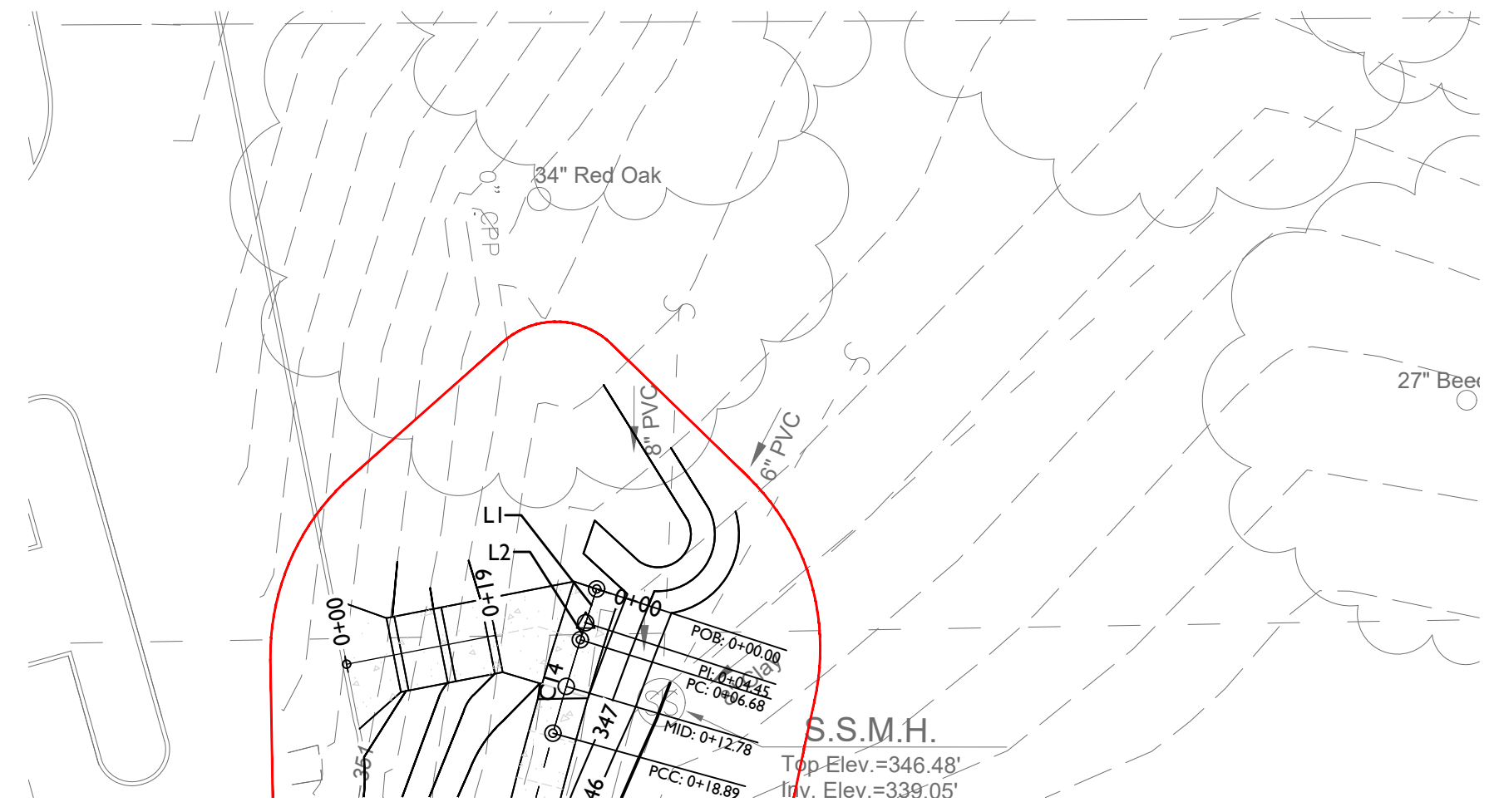
TITLE Road Plan and Profile

SHEET NO. **C2.11**



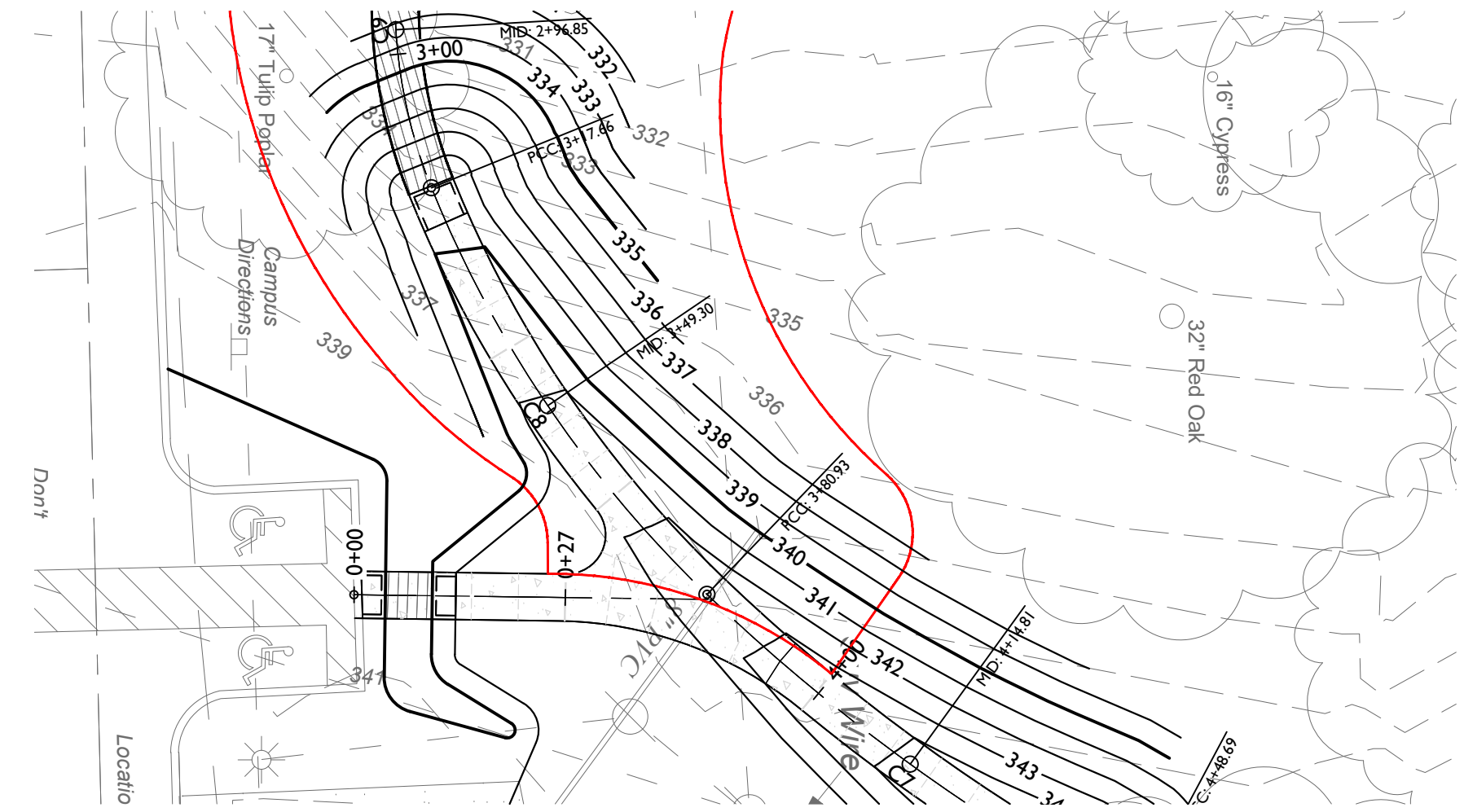


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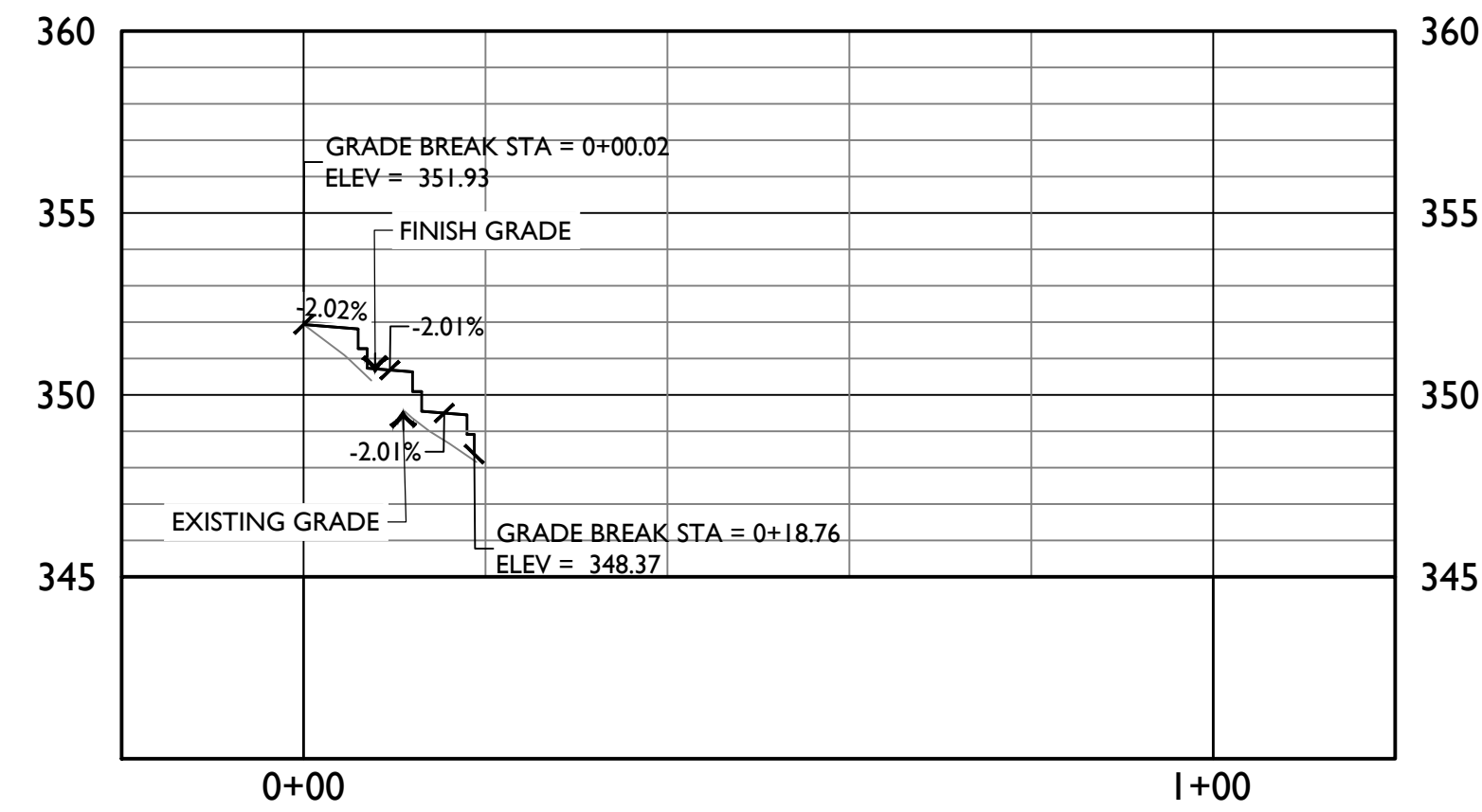
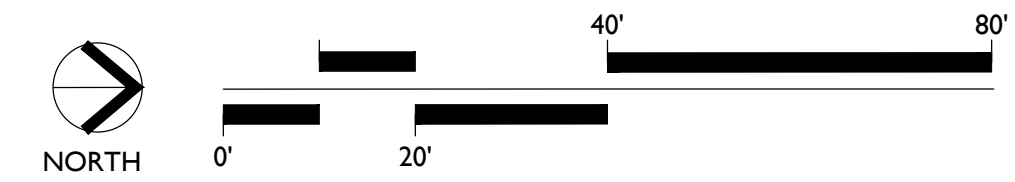
**1 WEST CONNECTION PLAN**

SCALE: 1" = 20'-0"



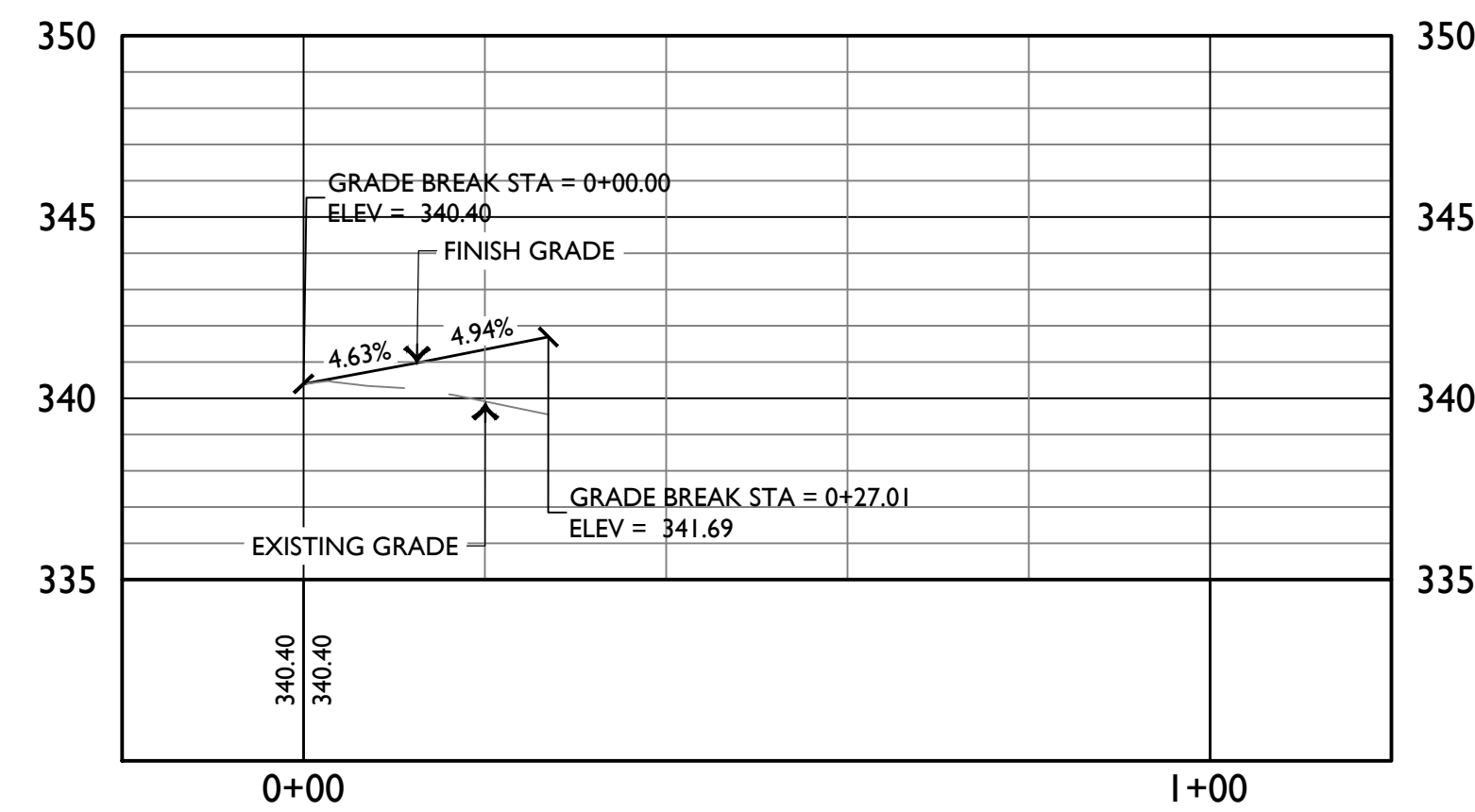
**1 SOUTH CONNECTION PLAN**

SCALE: 1" = 20'-0"



**2 WEST CONNECTION PROFILE**

HORIZONTAL SCALE: 1" = 20'-0"  
VERTICAL SCALE: 1" = 5'-0"



**2 SOUTH CONNECTION PROFILE**

HORIZONTAL SCALE: 1" = 20'-0"  
VERTICAL SCALE: 1" = 5'-0"

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PHASE **100% Construction Documents**

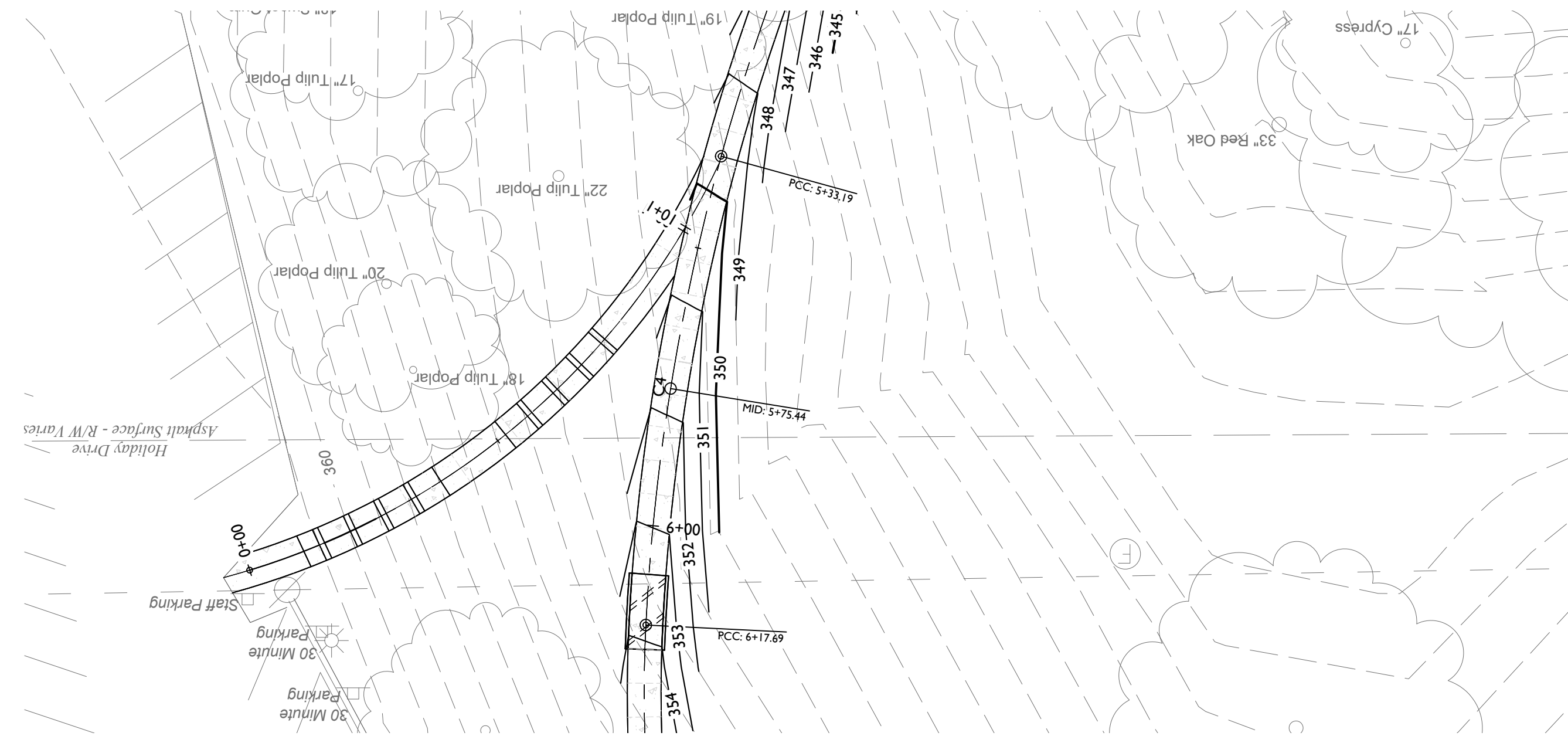
TITLE Road Plan and Profile

SHEET NO. **C2.12**



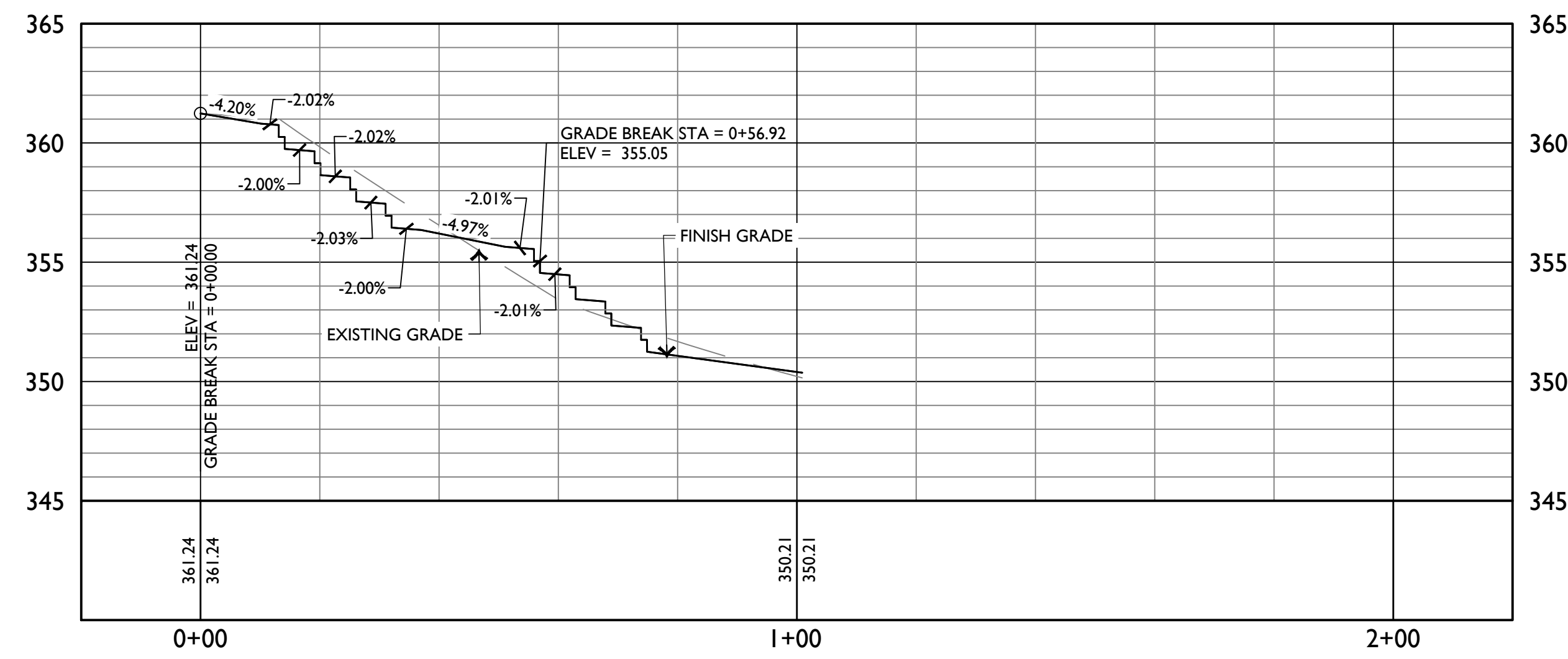
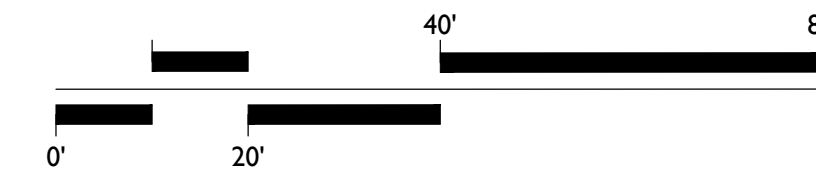


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**1 EAST CONNECTION PLAN**

SCALE: 1" = 20'-0"



**2 EAST CONNECTION PROFILE**

HORIZONTAL SCALE: 1" = 20'-0"  
 VERTICAL SCALE: 1" = 5'-0"

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PHASE **100%** Construction Documents

TITLE Road Plan and Profile

SHEET NO. **C2.13**





| Curve Table |         |        |            |            |         |         |         |         |
|-------------|---------|--------|------------|------------|---------|---------|---------|---------|
| Curve #     | R       | L      | Δ          | D          | T       | PC      | PI      | PT      |
| C1          | 63.63'  | 37.85' | 034°04'54" | 103°35'33" | 19.503' | 7+48.72 | 7+68.22 | 7+86.57 |
| C2          | 150.16' | 63.27' | 024°08'32" | 038°53'58" | 32.112' | 6+85.45 | 7+17.56 | 7+48.72 |
| C3          | 246.24' | 67.76' | 015°45'58" | 023°25'53" | 34.094' | 6+17.69 | 6+51.78 | 6+85.45 |
| C4          | 383.84' | 84.50' | 012°36'48" | 014°58'11" | 42.422' | 5+33.19 | 5+75.61 | 6+17.69 |
| C6          | 383.84' | 84.50' | 012°36'48" | 014°58'11" | 42.422' | 4+48.69 | 4+91.11 | 5+33.19 |
| C7          | 246.24' | 67.76' | 015°45'58" | 023°25'53" | 34.094' | 3+80.93 | 4+15.03 | 4+48.69 |
| C8          | 150.16' | 63.27' | 024°08'32" | 038°53'58" | 32.112' | 3+17.66 | 3+49.77 | 3+80.93 |
| C9          | 63.63'  | 41.62' | 037°28'42" | 103°35'33" | 21.585' | 2+76.04 | 2+97.63 | 3+17.66 |
| C10         | 63.63'  | 41.62' | 037°28'42" | 103°35'33" | 21.585' | 2+34.42 | 2+56.01 | 2+76.04 |
| C11         | 150.16' | 63.27' | 024°08'32" | 038°53'58" | 32.112' | 1+71.15 | 2+03.26 | 2+34.42 |
| C12         | 246.24' | 67.76' | 015°45'58" | 023°25'53" | 34.094' | 1+03.39 | 1+37.49 | 1+71.15 |
| C13         | 383.84' | 84.50' | 012°36'48" | 014°58'11" | 42.422' | 0+18.89 | 0+61.31 | 1+03.39 |
| C14         | 383.84' | 12.21' | 001°49'24" | 014°58'11" | 6.108'  | 0+06.68 | 0+12.78 | 0+18.89 |

| Line Table |        |                  |               |             |
|------------|--------|------------------|---------------|-------------|
| Line #     | Length | Bearing          | Start Station | End Station |
| L1         | 4.45   | S17° 55' 26.00"W | 0+00.00       | 0+04.45     |
| L2         | 2.23   | S17° 25' 32.13"W | 0+04.45       | 0+06.68     |

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STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 ROBERT HAZEN HELVEY  
 No. 19108  
 06.30.23

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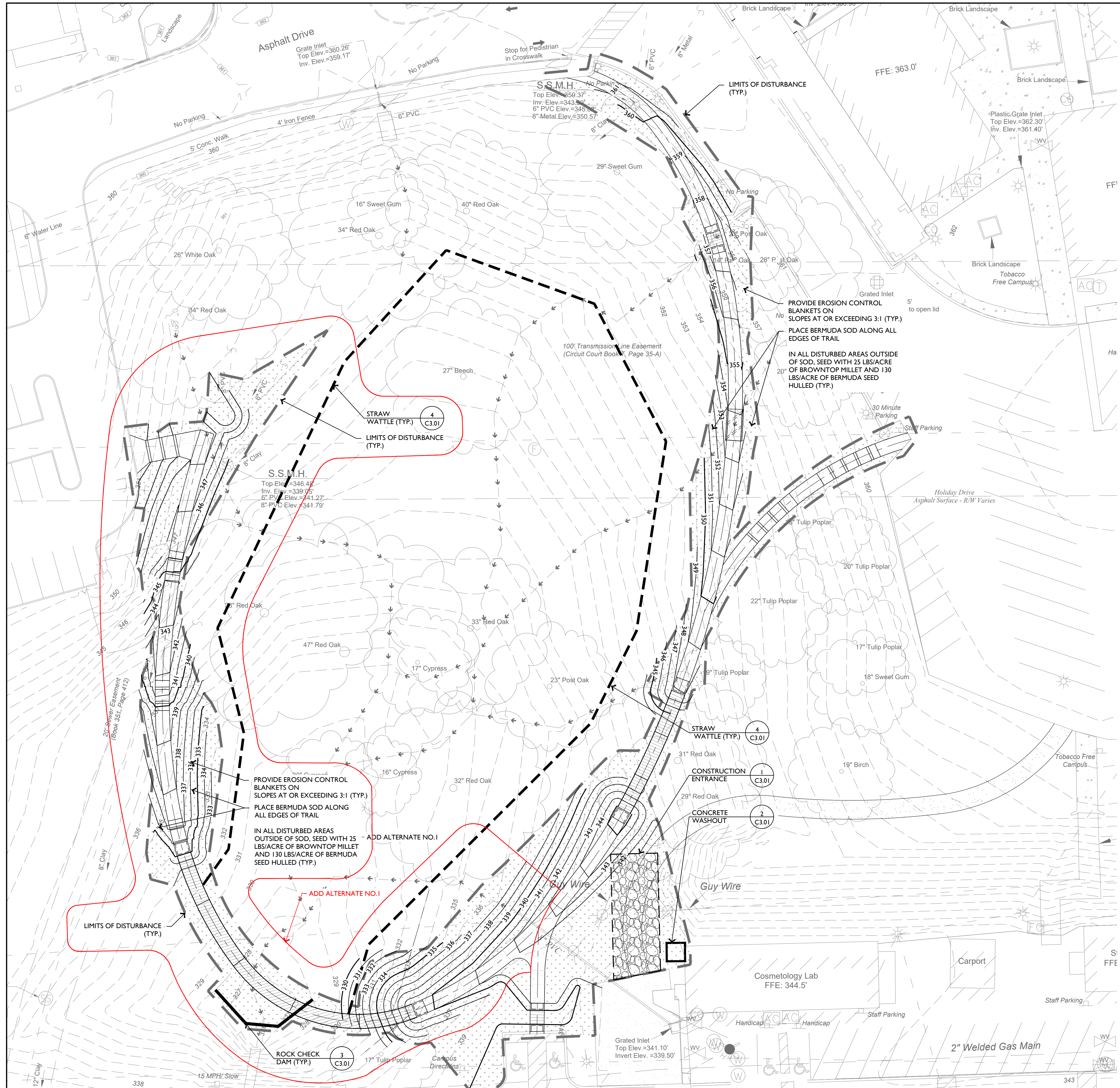
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| TITLE           | Horizontal Control Data     |
| SHEET NO.       | C2.14                       |

**HORIZONTAL CONTROL DATA**

NORTH

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**EROSION CONTROL LEGEND:**

- CONSTRUCTION ENTRANCE
- CONCRETE WASHOUT
- LIMITS OF DISTURBANCE
- ROCK CHECK DAM
- STRAW WATTLE
- LIMITS OF ANNUAL RYE GRASS AND UNHULLED BERMUDA HYDROMULCH

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**LANDSCAPE ARCHITECT**  
 MARTIN SMITH  
 License Number: 2009  
 6.30.23  
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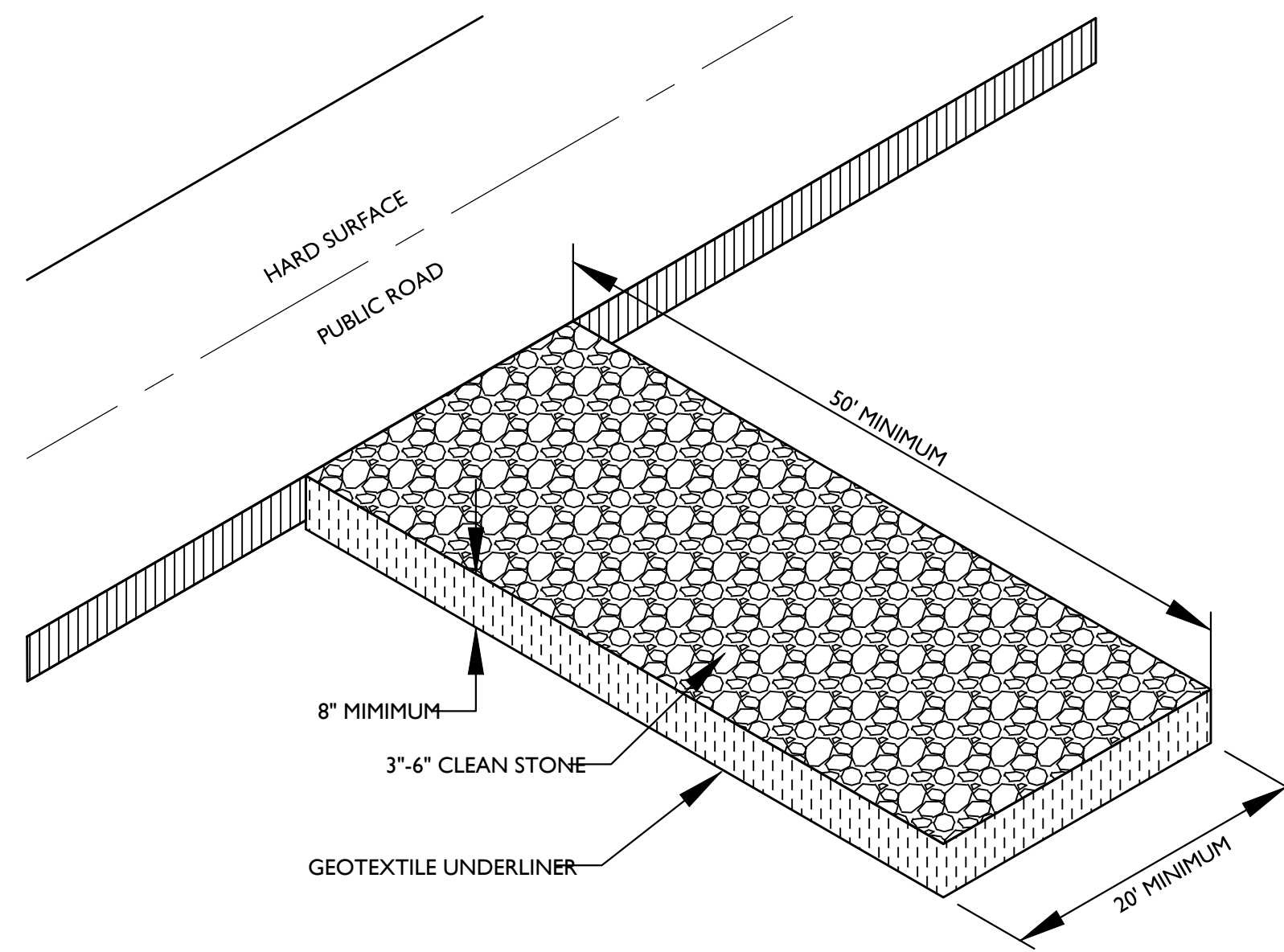
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 New Castle Road, Forrest City, Arkansas

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|--|----------------------|
| EDG PROJECT NO.                          | 20-056               |
| DATE                                     | 2023.04.17           |
| REVISIONS                                |                      |
| Number                                   | Date                 |
| ADDENDUM #1                              | 03.22.2024           |
| PHASE <b>100% Construction Documents</b> |                      |
| TITLE                                    | Erosion Control Plan |
| SHEET NO.                                | <b>C3.00</b>         |

**1 EROSION CONTROL PLAN**

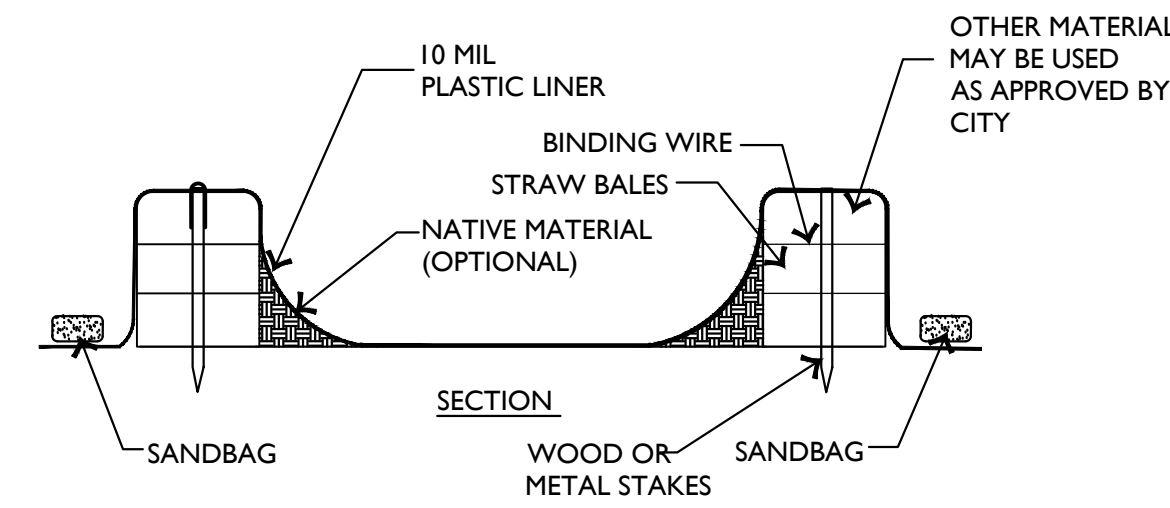
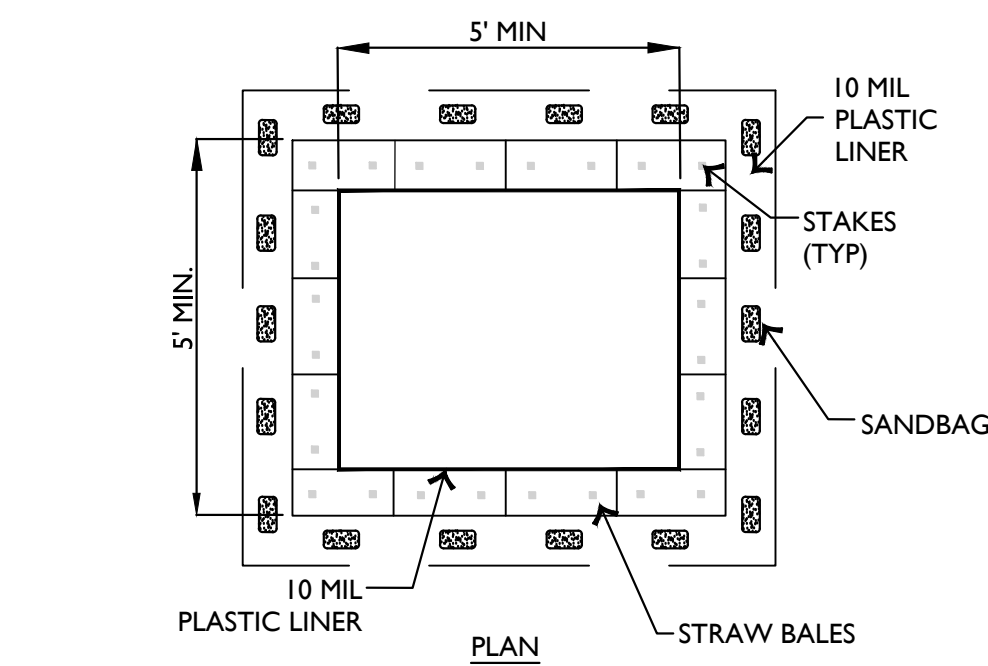
NORTH





**CONSTRUCTION EXIT NOTES**

1. REPLACE CONTAMINATED STONE AS REQUIRED TO PREVENT TRACKING OF SEDIMENT OR MUD ON PUBLIC STREETS.
2. CLEAN STREETS DAILY WITH BROOM AND SHOVEL. THE USE OF WATER IS PROHIBITED.
3. ALL VEHICLES MUST USE CONSTRUCTION EXIT.

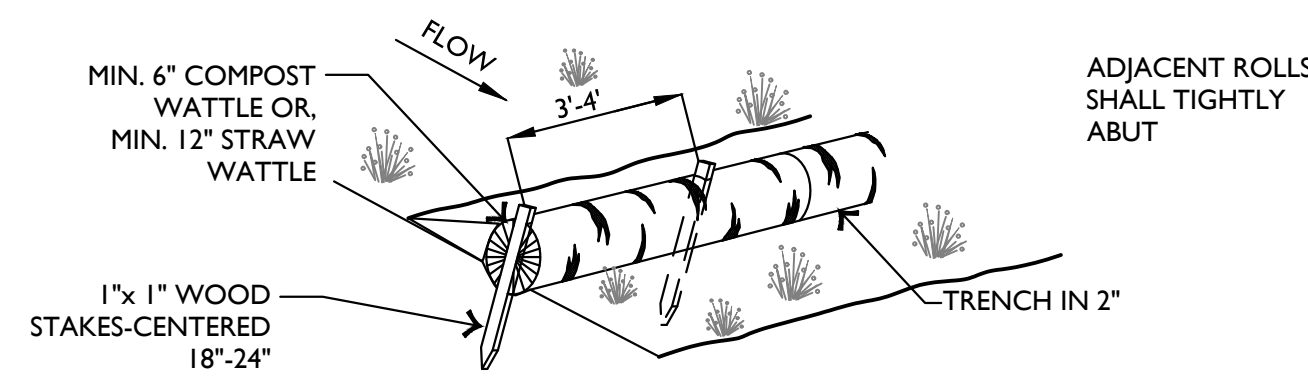


**WASHOUT NOTES**

1. NO WASHING OUT OF CONCRETE TRUCKS OR WASHING OF SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS IS ALLOWED.
2. EXCESS CONCRETE IS NOT ALLOWED TO BE DUMPED ON-SITE, EXCEPT IN DESIGNATED TEMPORARY CONCRETE WASHOUT PIT AREAS.
3. ON-SITE TEMPORARY CONCRETE WASHOUT AREAS WILL BE LOCATED AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES AS DETERMINED IN THE FIELD.
4. TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
5. WASHOUT FACILITIES WILL BE CLEANED OUT OR REPLACED ONCE THE WASHOUT IS 75% FULL.
6. PLASTIC LINING MATERIAL WILL BE MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS.
7. WHEN WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE WILL BE REMOVED AND DISPOSED OF OFFSITE. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE REMOVED FROM THE SITE AND DISPOSED OF.

**2 CONCRETE WASH OUT (ABOVE GROUND)**

NOT TO SCALE



**INSTALLATION NOTES**

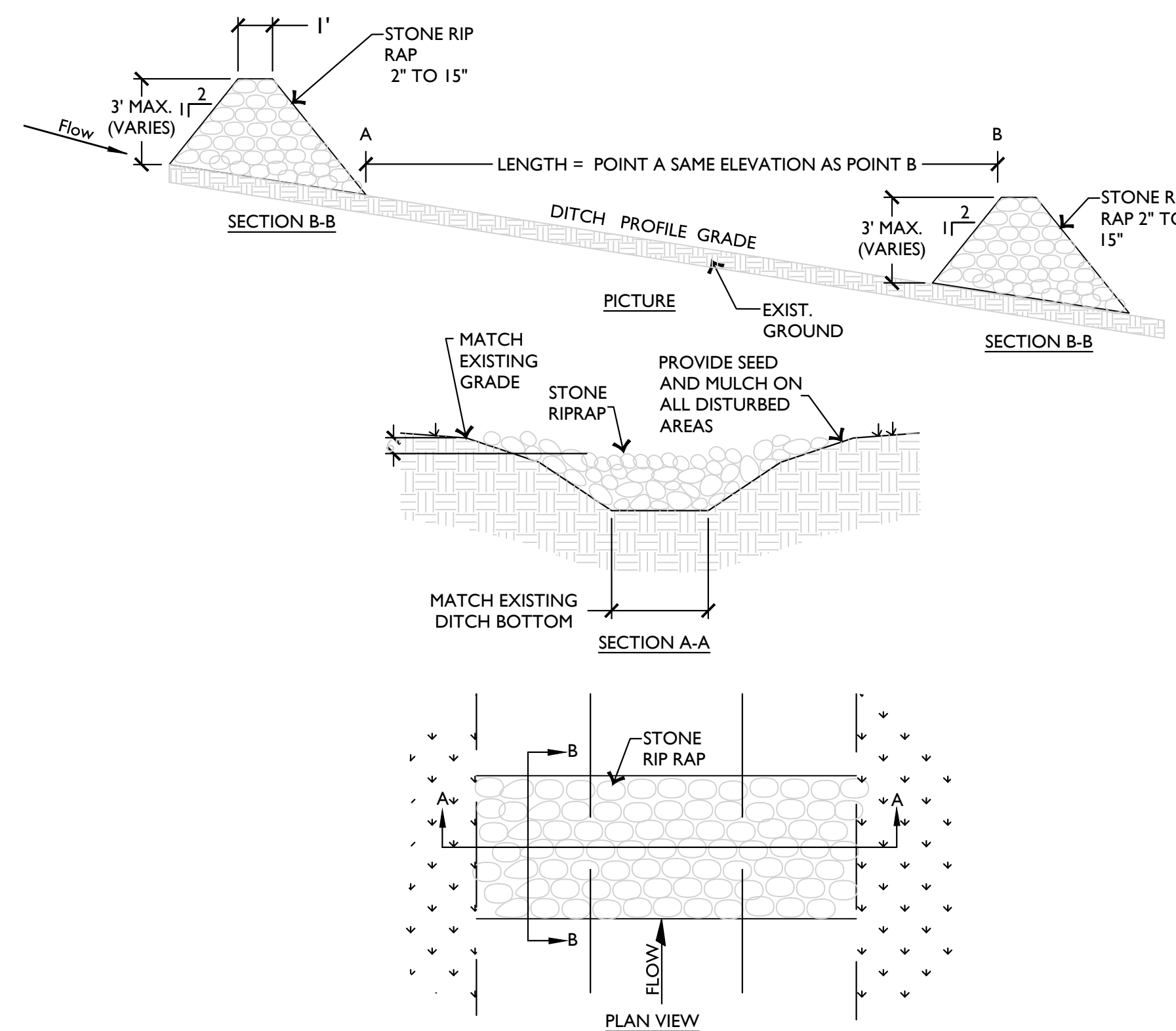
1. WATTLES SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
2. NOT FOR USE IN CONCENTRATED FLOW AREAS.
3. THE WATTLES SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF TWO (2) INCHES.
4. WATTLES SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
5. ON SLOPES, WATTLES SHOULD BE INSTALLED ON CONTOUR WITH A SLIGHT UPWARD CURVE AT THE END OF THE ROW IN ORDER TO CREATE PONDING.
6. RUNNING LENGTHS OF WATTLES SHOULD BE ABUTTED FIRMLY TO ENSURE NO LEAKAGE AT THE ABUTMENTS.
7. WHEN INSTALLING RUNNING LENGTHS OF WATTLES, BUTT THE SECOND WATTLE TIGHTLY AGAINST THE FIRST, DO NOT OVERLAP THE ENDS. STAKE THE WATTLES AT EACH END AND FOUR FOOT ON CENTER.
8. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE. LEAVING 2 - 3 INCHES OF THE STAKE PROTRUDING ABOVE THE WATTLE. WHEN INSTALLING WATTLES ON SLOPES, DRIVE THE STAKES PERPENDICULAR TO THE SLOPE.
9. DRIVE THE FIRST END STAKE OF THE SECOND WATTLE AT AN ANGLE TOWARD THE FIRST WATTLE IN ORDER TO HELP ABUT THEM TIGHTLY TOGETHER.
10. STAKING: THE CITY RECOMMENDS USING WOOD STAKES TO SECURE THE WATTLES. 1/2" TO 5/8" REBAR IS ALSO ACCEPTABLE WITH A SAFETY CAP. BE SURE TO USE A STAKE THAT IS LONG ENOUGH TO PROTRUDE SEVERAL INCHES ABOVE THE WATTLE.
11. THE CONTRACTOR SHALL INSPECT WATTLES EVERY TWO WEEKS AND AFTER ANY SIGNIFICANT STORM EVENT AND MAKE REPAIRS OR REMOVE SEDIMENT ACCUMULATED BEHIND WATTLE AS NECESSARY.
12. SEDIMENT ACCUMULATED BEHIND WATTLE SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF THE DIAMETER OF THE WATTLE.
13. WATTLES SHALL REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND IS ACCEPTED BY THE CITY.

**4 STRAW WATTLE**

NOT TO SCALE

**1 CONSTRUCTION ENTRANCE**

NOT TO SCALE



**INSTALLATION:**

1. EXCAVATE KEY-WAY (IF REQUIRED)
2. A GEOTEXTILE FABRIC SHALL BE INSTALLED OVER THE SOIL SURFACE WHERE THE ROCK IS TO BE PLACED (IF REQUIRED)
3. ROCK DIAMETERS SHOULD BE 2" TO 15" IN DIAMETER
4. ROCK DITCH CHECKS SHOULD NOT EXCEED 3 FEET
5. STONES SHOULD BE PLACED UP THE CHANNEL BANKS TO PREVENT WATER FROM CUTTING AROUND THE DITCH CHECK
6. INSTALLATION SHALL BE PLACED EITHER BY HAND OR MECHANICALLY AND NOT JUST DUMPED TO ACHIEVE COMPLETE COVERAGE OF THE DITCH AND ENSURE THE CENTER OF THE DAMN IS LOWER THAN THE EDGES
7. MAXIMUM SPACING BETWEEN MULTIPLE DAMS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM CHECK IS THE SAME AS THE TOP OF THE DOWNSTREAM CHECK

**INSPECTION:**

- INSPECT ROCK DITCH CHECKS EVERY (7) CALENDAR DAYS AND WITH-IN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2" PRECIPITATION.
- SEDIMENT SHOULD BE REMOVED WHEN IT REACHES 1/2 THE ORIGINAL CHECK HEIGHT
- IN THE CASE OF GRASS-LINED DITCHES OR SWALES, ROCK DITCH CHECKS SHOULD BE REMOVED WHEN THE GRASS HAS MATURED SUFFICIENTLY TO PROTECT THE DITCH OR SWALE, IF THE SLOPE IS 4% OR LESS.
- THE AREA BENEATH THE ROCK DITCH CHECKS SHOULD BE SEEDED AND MULCHED IMMEDIATELY AFTER THE CHECK DAM REMOVAL

**3 ROCK CHECK DAM**

NOT TO SCALE



**EACC CAMPUS CONNECTIVITY**  
**ARDOT PROJECT NO. 110761**  
**New Castle Road, Forrest City, Arkansas**

EDG PROJECT NO. 20-056  
 DATE 2023.04.17

| REVISIONS   |            |
|-------------|------------|
| Number      | Date       |
| ADDENDUM #1 | 03.22.2024 |

PHASE **100%** Construction Documents

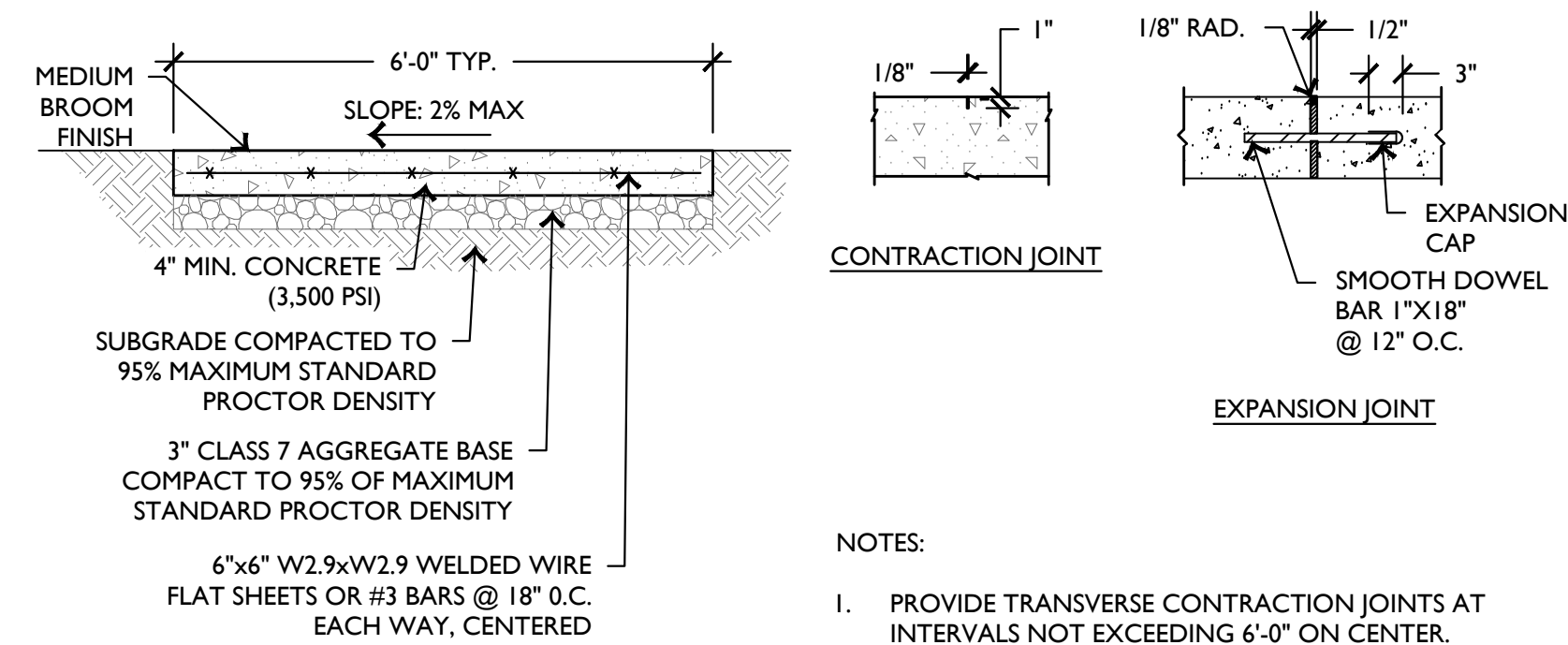
TITLE Erosion Control Details

SHEET NO. **C3.01**





Know what's below.  
Call before you dig.



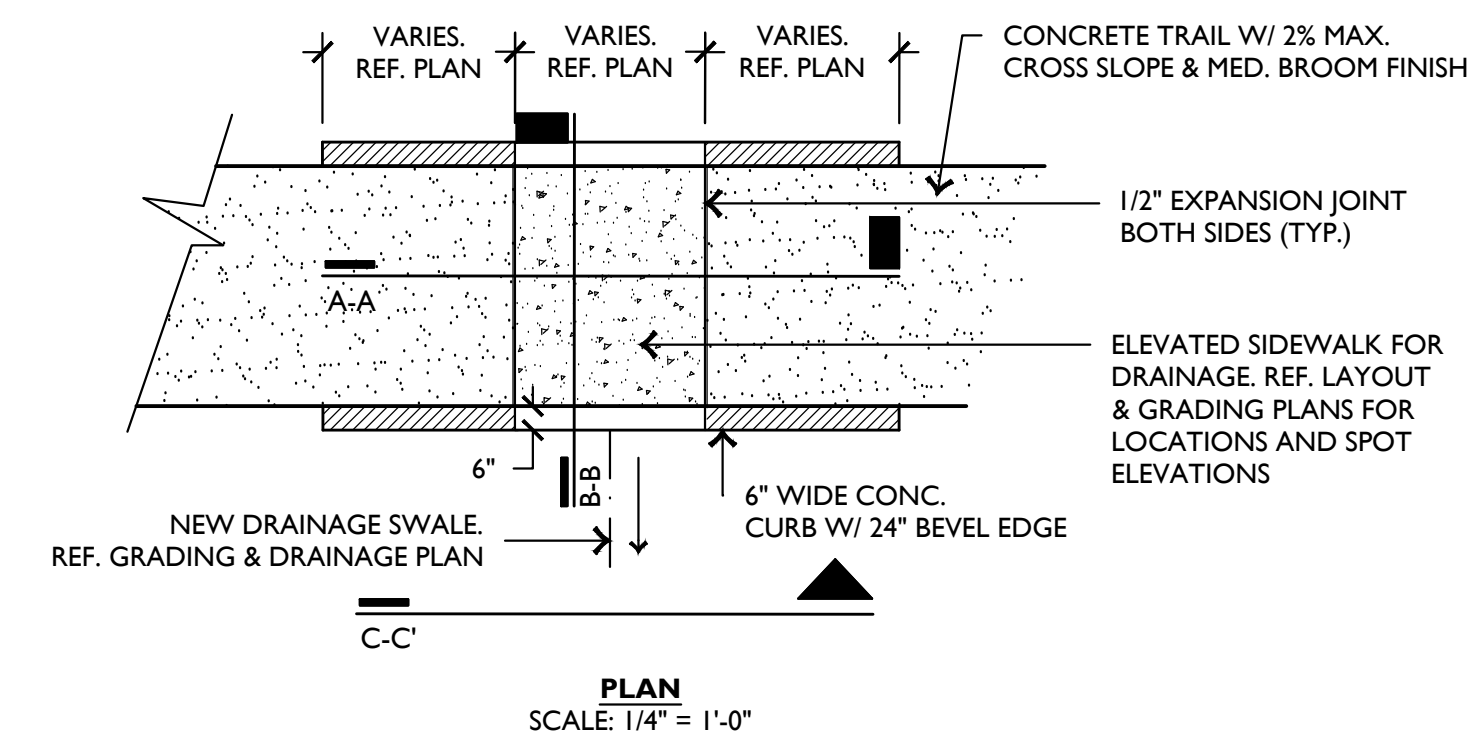
**NOTES:**

1. PROVIDE TRANSVERSE CONTRACTION JOINTS AT INTERVALS NOT EXCEEDING 6'-0" ON CENTER. PROVIDE CENTERLINE CONTRACTION JOINTS IN SIDEWALKS WIDER THAN 8'-0". SPACING OF CENTERLINE CONTRACTION JOINTS SHALL NOT EXCEED 6'-0".
2. PROVIDE EXPANSION JOINTS AT INTERVALS NOT EXCEEDING 36'-0" ON CENTER OR NEXT TO STRUCTURES OR DRIVES.

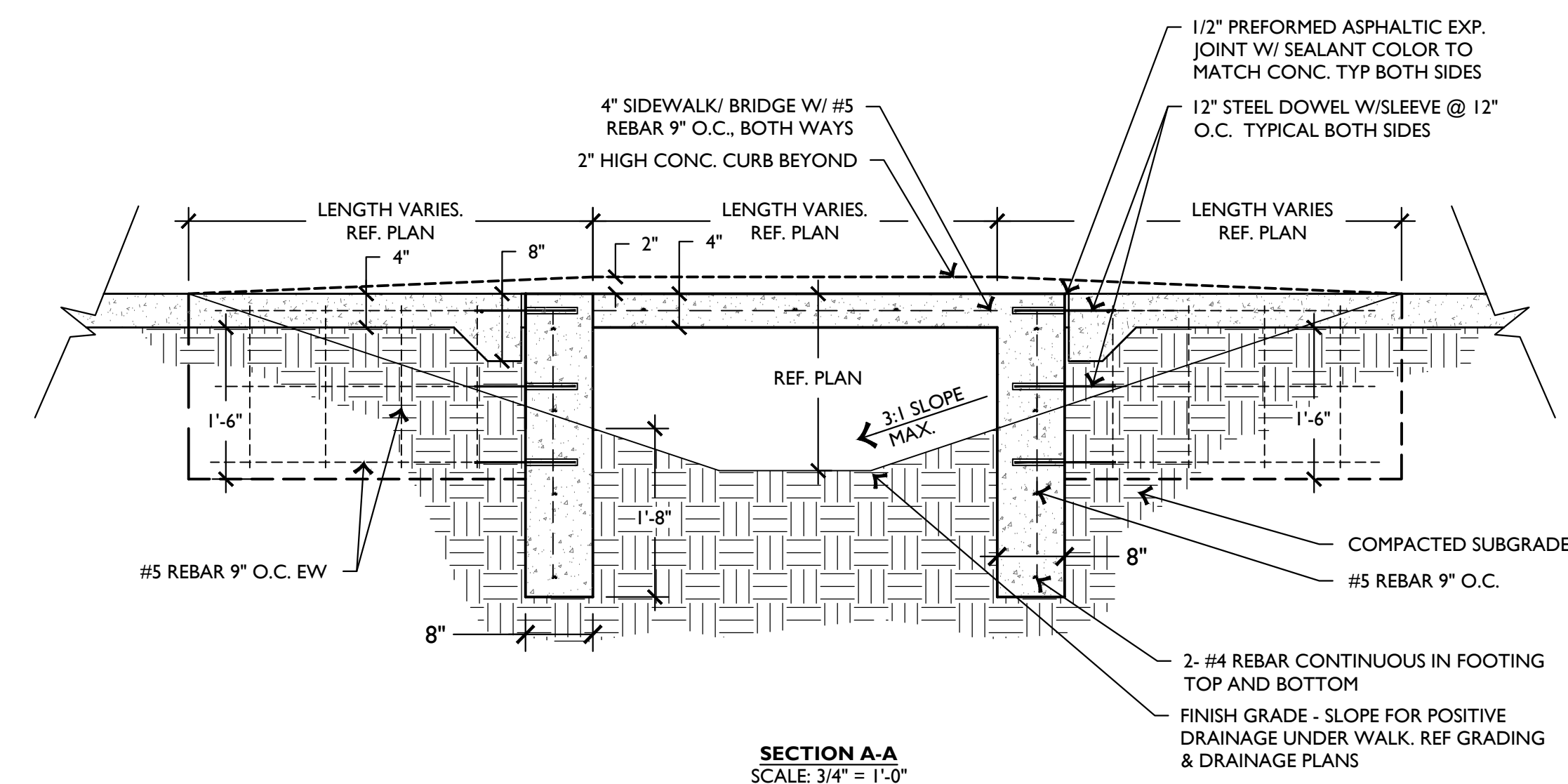
**1 CONCRETE TRAIL & JOINT DETAIL**

SCALE: 3/4" = 1'-0"

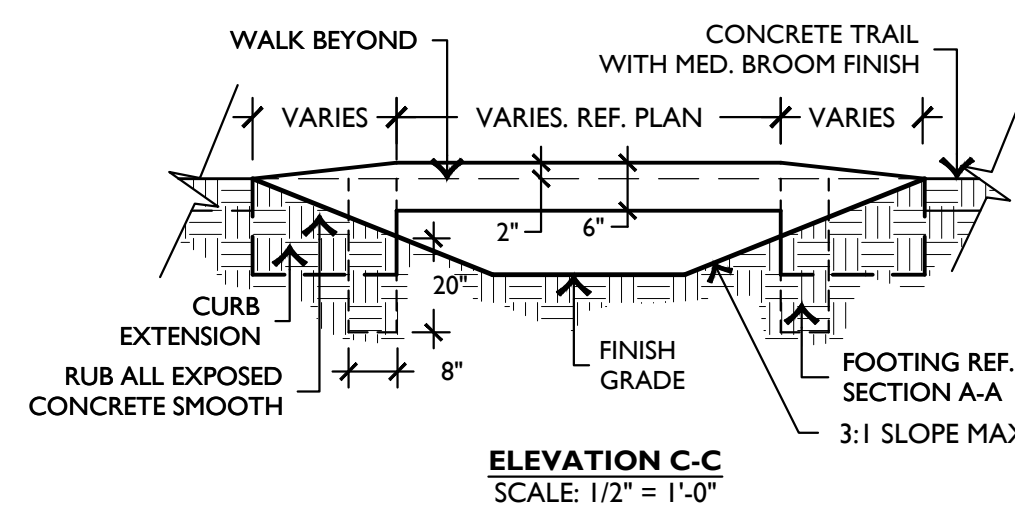
**2 NOT USED**



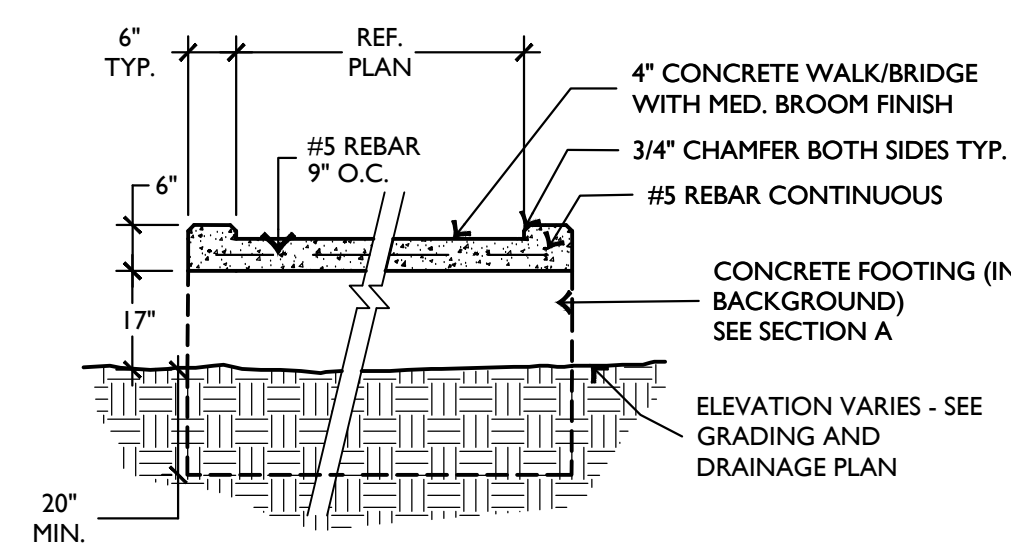
**PLAN**  
SCALE: 1/4" = 1'-0"



**SECTION A-A**  
SCALE: 3/4" = 1'-0"

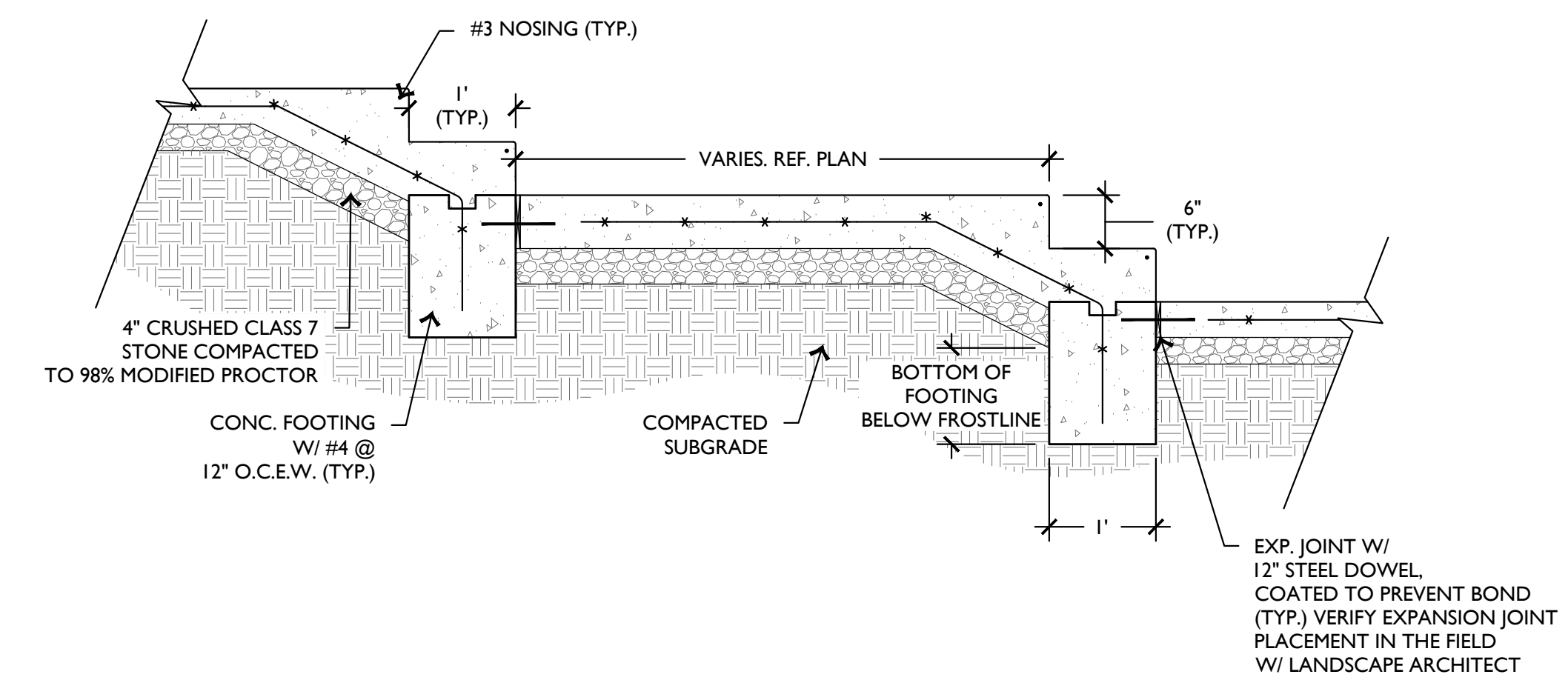


**ELEVATION C-C**  
SCALE: 1/2" = 1'-0"



**SECTION B-B**  
SCALE: 1/2" = 1'-0"

SCALE: AS SHOWN



SCALE: 3/4" = 1'-0"

**4 CONCRETE RISERS**

**3 ELEVATED WALK**

**EACC CAMPUS CONNECTIVITY**  
**ARDOT PROJECT NO. 110761**  
New Castle Road, Forrest City, Arkansas

|                 |            |
|-----------------|------------|
| EDG PROJECT NO. | 20-056     |
| DATE            | 2023.04.17 |

| REVISIONS   |            |
|-------------|------------|
| Number      | Date       |
| ADDENDUM 01 | 03.22.2024 |

PHASE **100%** Construction Documents

TITLE Site Details

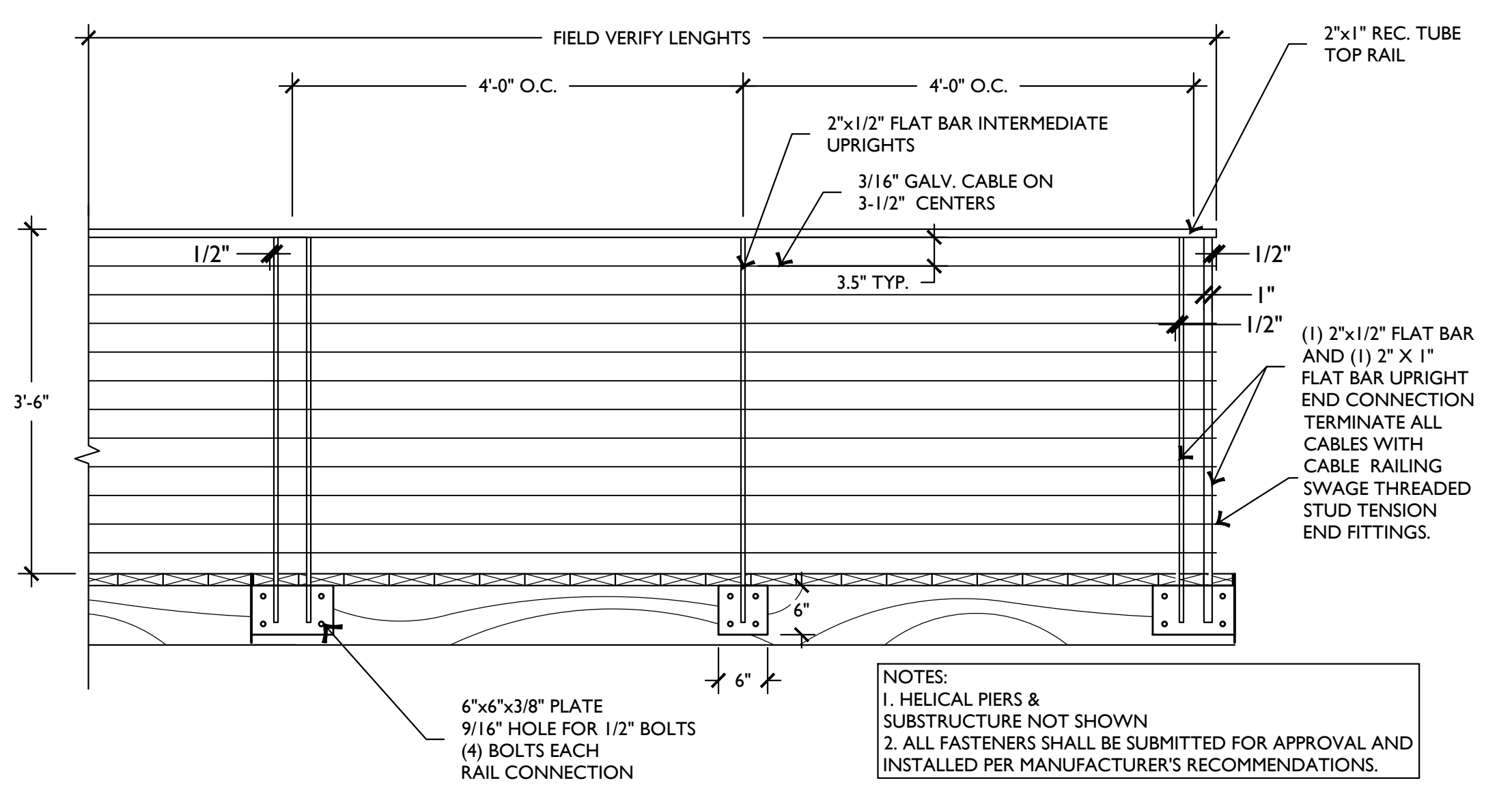
SHEET NO. **C4.00**





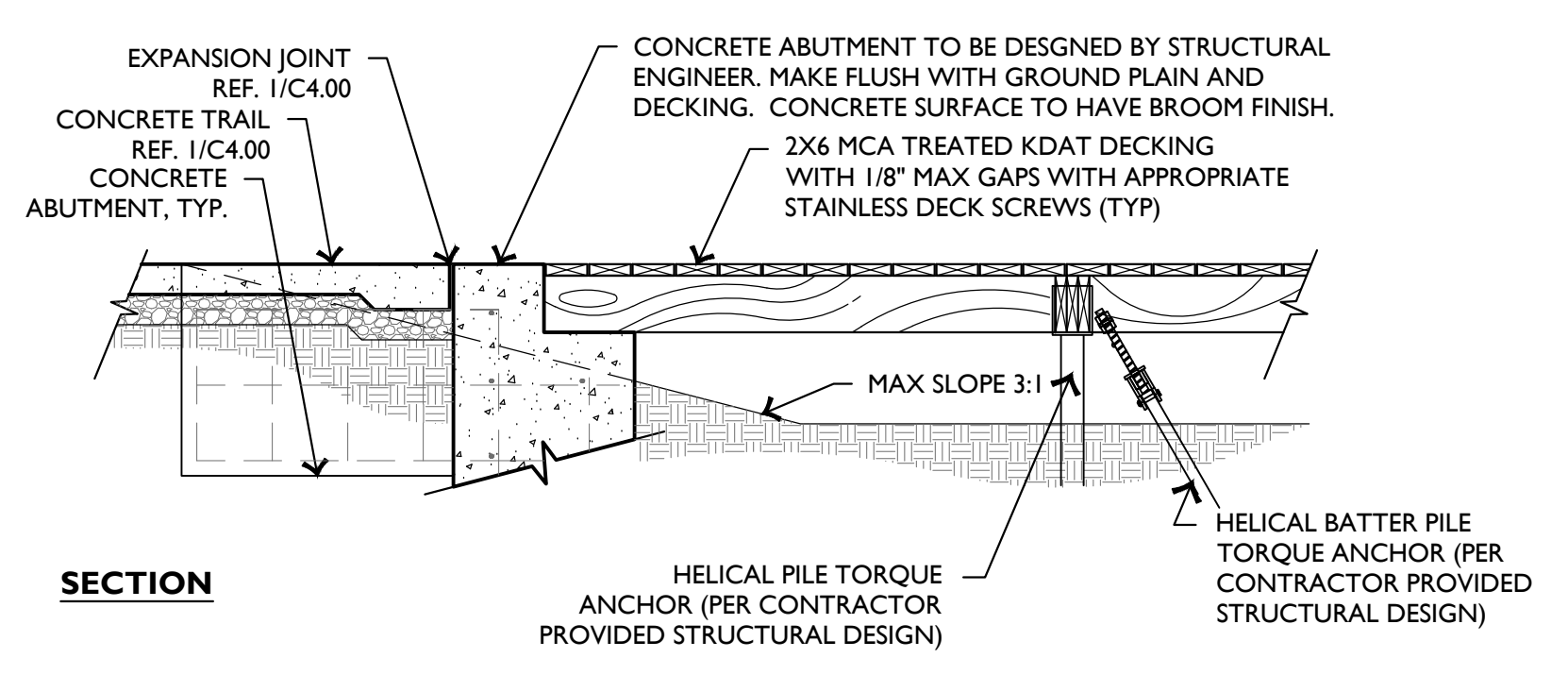
**EACC CAMPUS CONNECTIVITY**  
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| Number          | Date                        |
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| PHASE           | 100% Construction Documents |
| TITLE           | Site Details                |
| SHEET NO.       | C4.01                       |

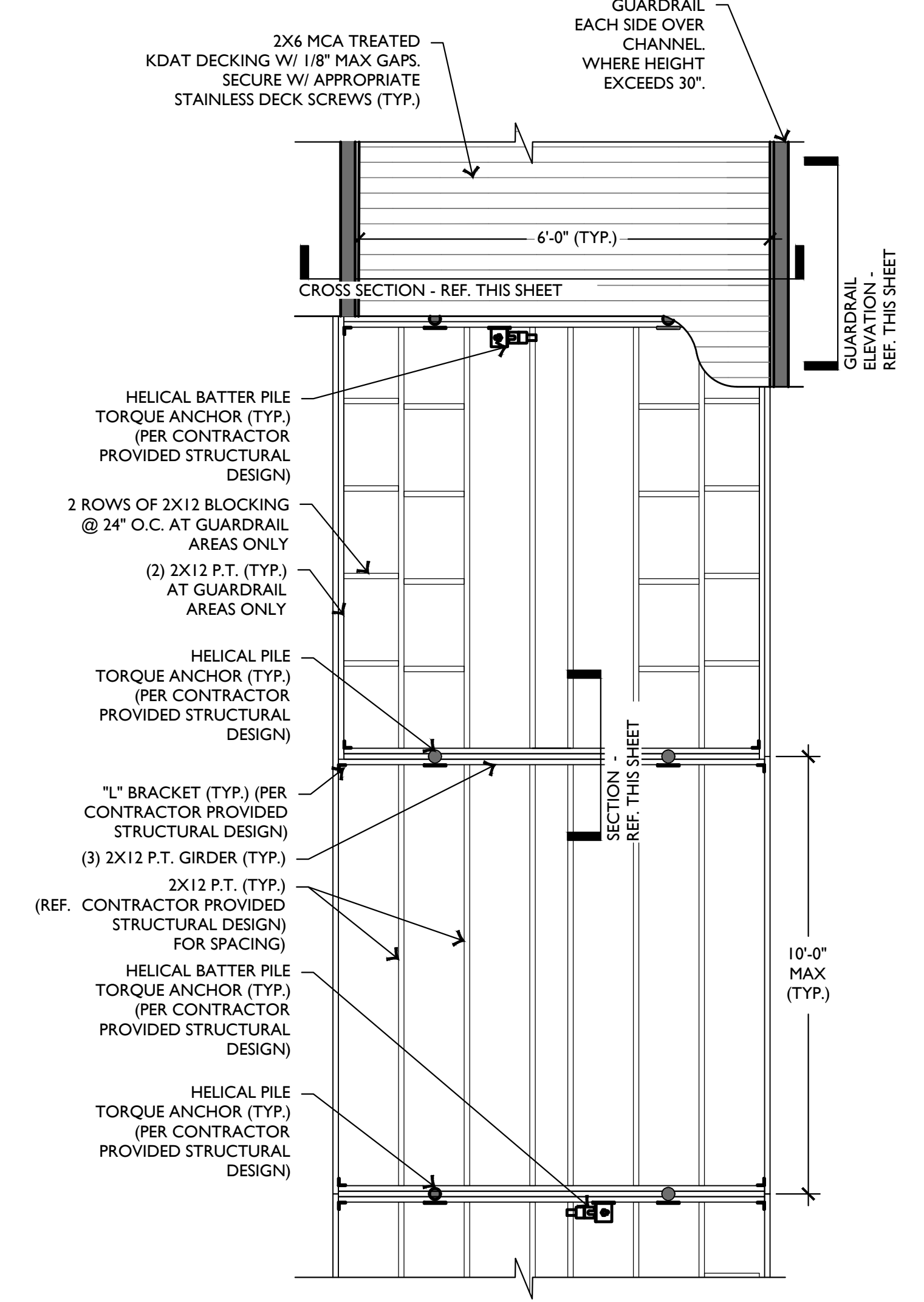


**5 BOARDWALK SECTION**

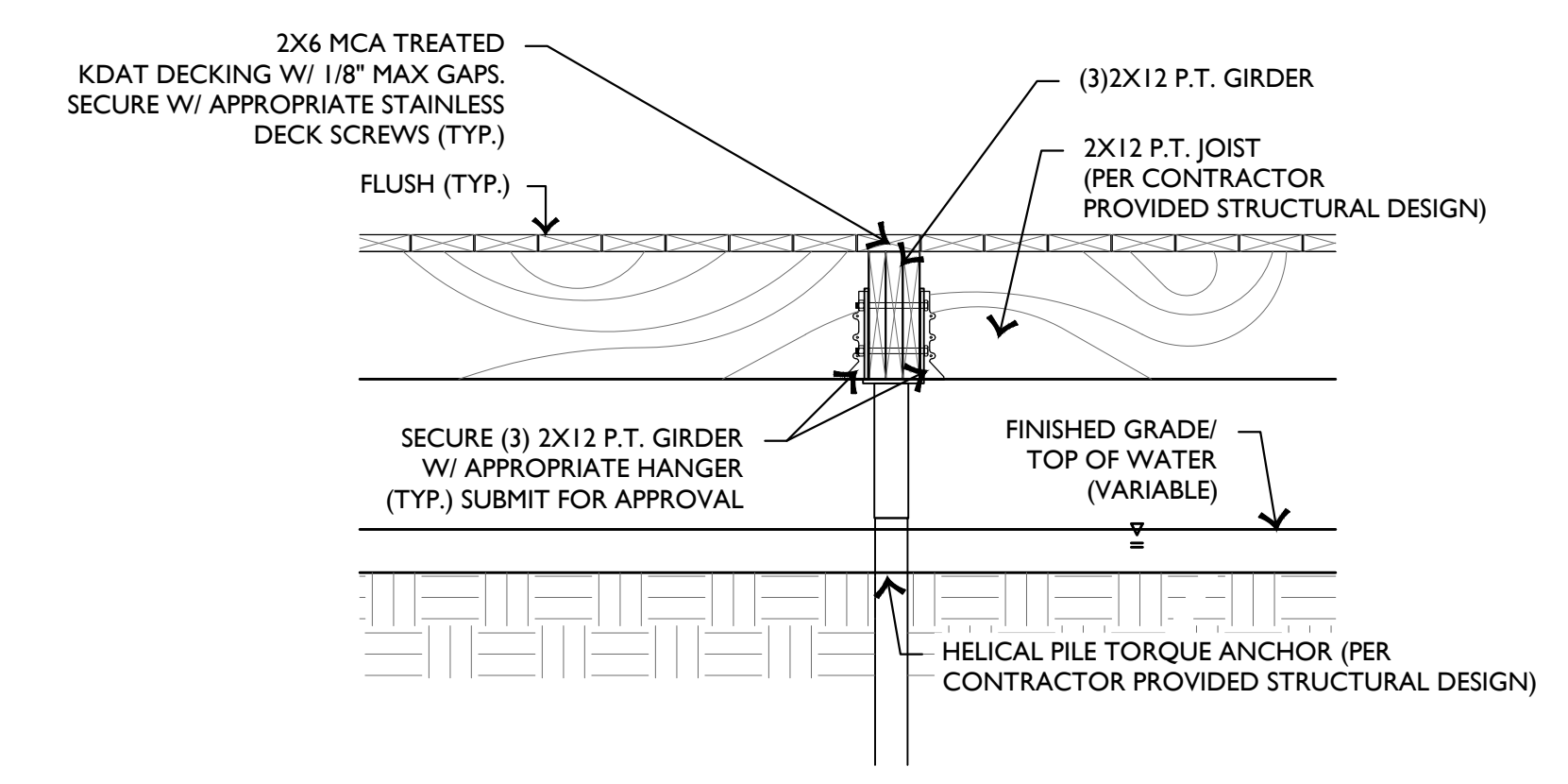
**6 CONCRETE ABUTMENT**



NOTE:  
 PROVIDE SHOP DRAWINGS FOR HELICAL PIERS. HELICAL PIERS TO BE DESIGNED PER GEOTECHNICAL REPORT FOR THIS PARTICULAR SITE AND SOIL CONDITIONS. SHOP DRAWINGS TO BE SEALED BY AN ARKANSAS LICENSED STRUCTURAL ENGINEER. SUBMIT SEALED SHOP DRAWINGS FOR REVIEW AND APPROVAL BY DESIGN PROFESSIONAL PRIOR TO CONSTRUCTION.

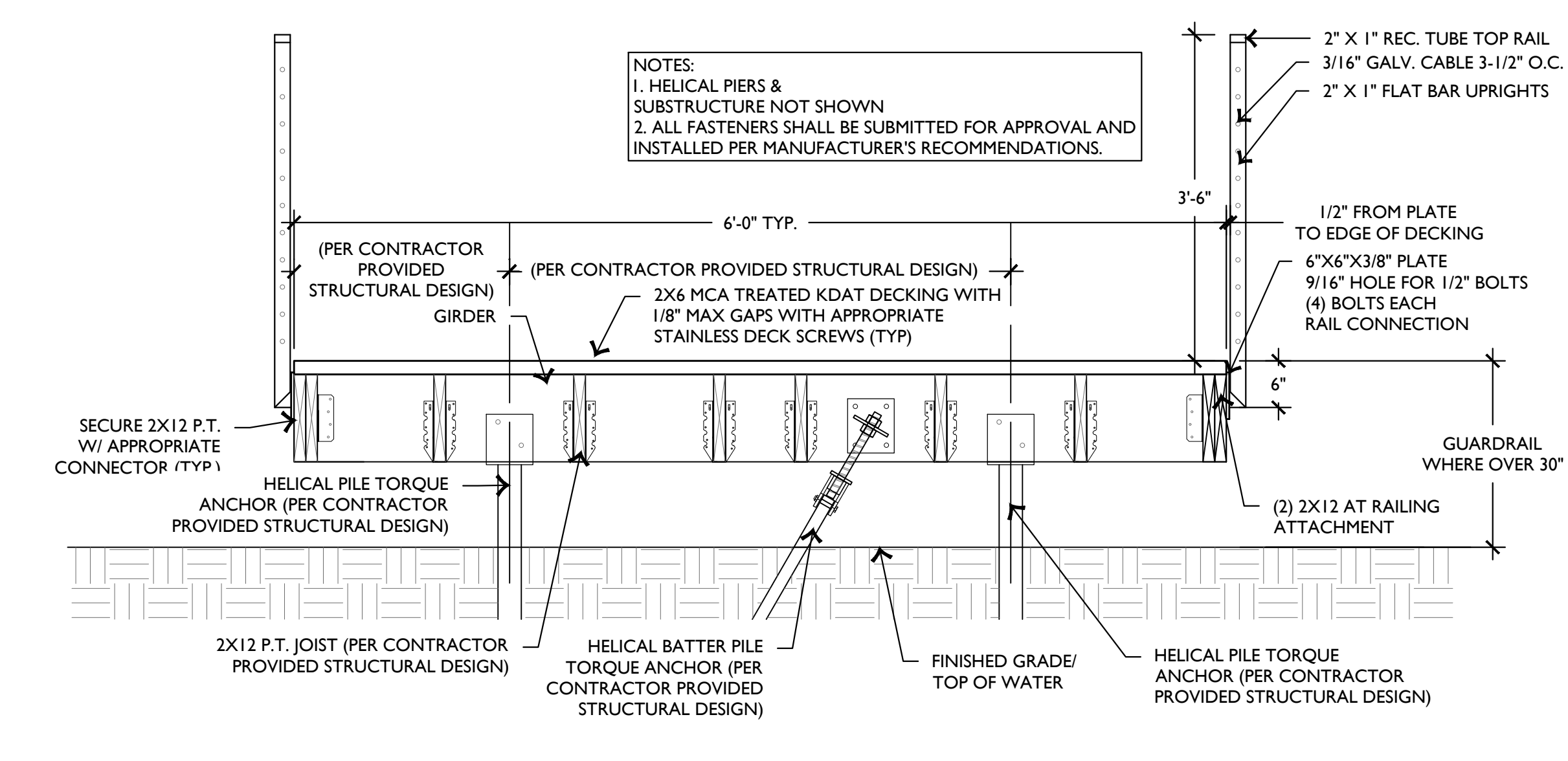


**1 BOARDWALK PLAN**

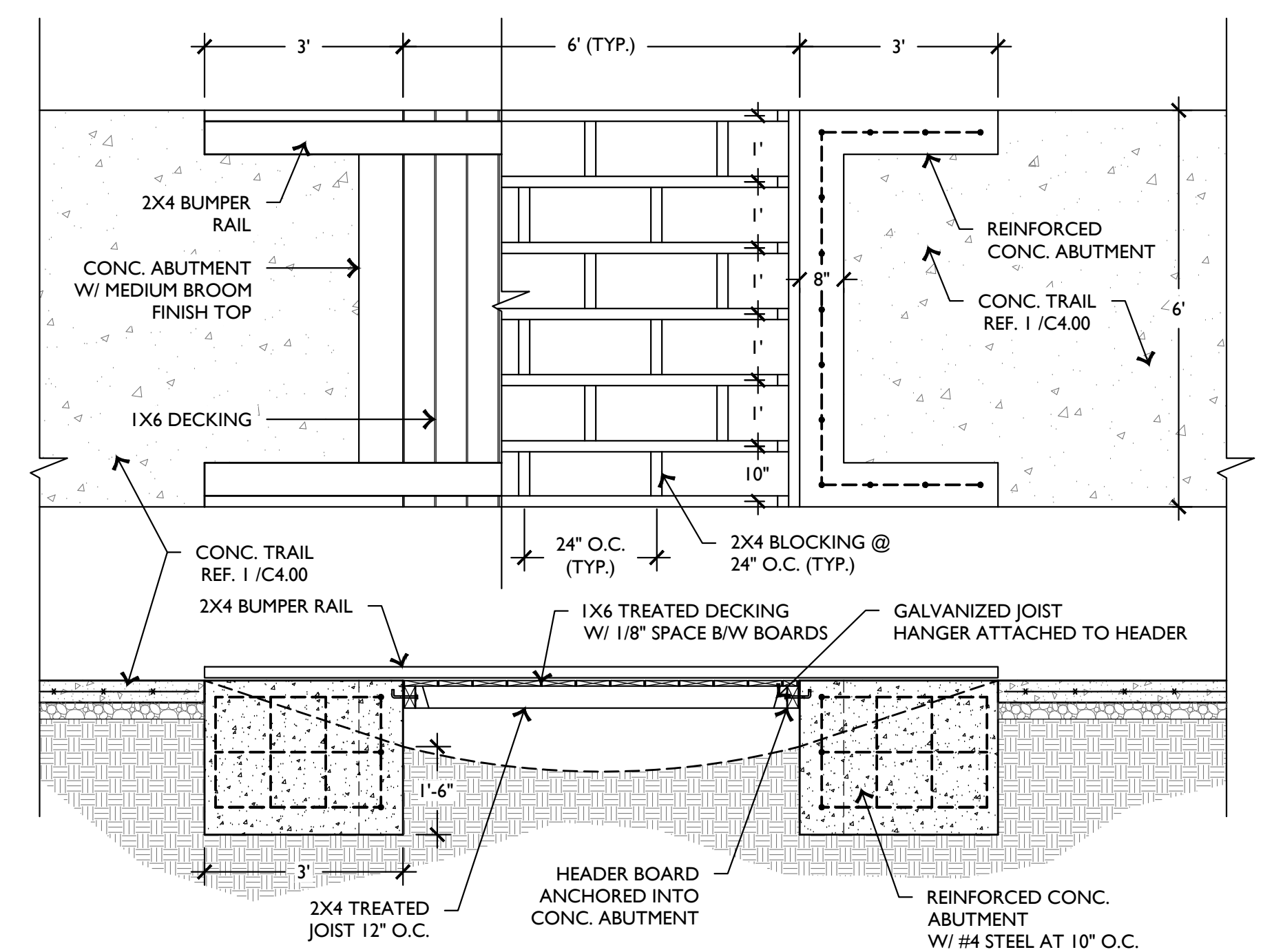


**3 BOARDWALK SECTION**

**4 CLEARSPAN BOARDWALK**



**2 BOARDWALK CROSS SECTION**



**4 CLEARSPAN BOARDWALK**