



Jeff Dadisman

DESIGNER GSWCC LEVEL II I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.



Asato Masuyama Level II Certified Design Professional

CERTIFICATION NUMBER 0000083860 ISSUED: 10/01/2021 EXPIRES: 10/01/2024



ASATO MASUYAMA, CERTIFIED DESIGN PROFESSIONAL

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Aronda Smith



Joe Burge



Timothy Ward

PERMIT DRAWINGS

MURPHEY CANDLER TRAIL - SOUTH

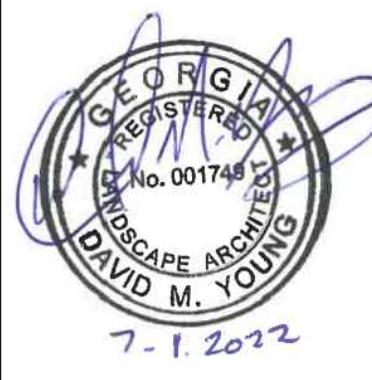
SITE DEVELOPMENT PLAN

PREPARED FOR: CITY OF BROOKHAVEN

DO NOT BEGIN CONSTRUCTION before the on-site pre-construction meeting with the City Land Development Inspector. Schedule through the Project Portal: https://cityworks.brookhavenga.gov/ProjectPortal



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SHEET INDEX

Table with 2 columns: Sheet Number, Sheet Title. Lists drawings from COVER to SITE DETAILS - LOW CROSSING.

Table with 2 columns: Drawing Number, Drawing Title. Lists structural drawings from S0.01 to P1.

The City of Brookhaven does not certify the accuracy of these drawings. In approving these drawings and specifications, the City has relied upon the accuracy of the information and representations furnished herein by the engineer, or architect, and/or applicant. The City of Brookhaven assumes no liability or responsibility for the accuracy of the representations provided.

OWNERS

CITY OF BROOKHAVEN 4362 PEACHTREE RD. BROOKHAVEN, GA 30319 CONTACT: KAREN OWENS 404.637.0500

DEVELOPER

CITY OF BROOKHAVEN PARKS AND RECREATION DEPARTMENT 3360 OSBORNE ROAD, NE BROOKHAVEN, GA 30319 CONTACT: KAREN OWENS, DIRECTOR 404.637.0500

DESIGNER

LOSE DESIGN LANDSCAPE ARCHITECTURE/ARCHITECTURE/CIVIL ENGINEERING/PLANNING

220 WEST CROGAN STREET, SUITE 100 LAWRENCEVILLE, GEORGIA 30046 PHONE: 770-338-0017 CONTACT: AARON ST. PIERRE

CONSULTANTS

SURVEYOR TERRA MARK LAND SURVEYING, INC. 1396 BELLS FERRY ROAD MARIETTA, GEORGIA 30066 PHONE: 770-421-1927

STRUCTURAL ENGINEER EMC STRUCTURAL ENGINEER, PC 4525 TROUSDALE DR. NASHVILLE, TENNESSEE 37204 PHONE: 615-781-8199

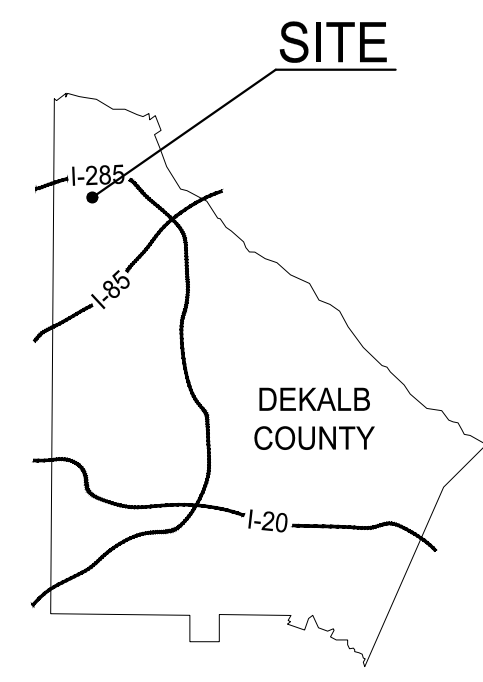
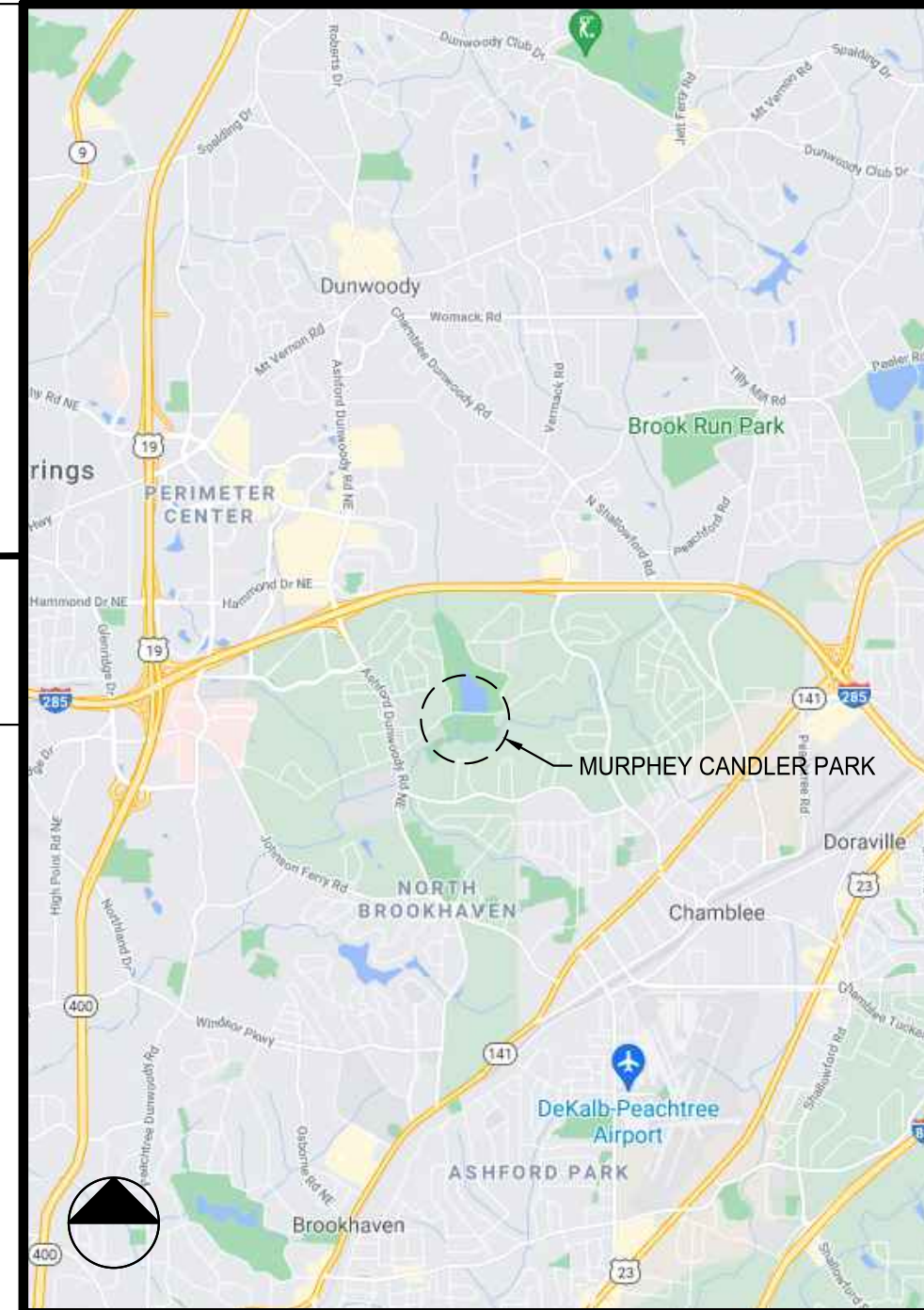
SITE INFORMATION

- PROPERTY ADDRESS: 1551 WEST NANCY CREEK DRIVE, ATLANTA, GA 30319
PARCEL ID : 18 326 01 041
ZONING CLASS: R-100
TOTAL SITE AREA: ± 1,602,679 SF (± 36.7924 AC.)
TOTAL SITE PROPOSED IMPERVIOUS AREA: ± 16,656 SF (0.38 AC.)
PERCENTAGE OF SITE PROPOSED IMPERVIOUS: ± 0.01% IMPERVIOUS
TOTAL DISTURBED AREA: ± 131,656 (± 3.02 AC.)
TOTAL DISTURBED IMPERVIOUS AREA: ± 0.38 ACRES
PERCENTAGE OF DISTURBED IMPERVIOUS: ± 12.6% IMPERVIOUS

DEKALB COUNTY LDP AP# 3115931 CITY OF BROOKHAVEN FILE # LDP22-00012

PROJECT SCOPE OF WORK: THE CITY OF BROOKHAVEN WISHES TO DEVELOP A TRAIL CONNECTION AND BRIDGE AT MURPHEY CANDLER PARK. TRAILS WILL CONNECT AT TWO POINTS IN THE BASEBALL AREA, CONVERGE INTO ONE TRAIL AND CROSS NANCY CREEK WITH A PRE-ENGINEERED BRIDGE STRUCTURE. BRIDGE APPROACHES AND CONCRETE BRIDGE ABUTMENTS WILL BE ENGINEERED. ONCE ON THE FAR SIDE OF NANCY CREEK, THE BRIDGE APPROACH WILL RETURN TO GRADE. THE TRAIL WILL THEN CONTINUE WEST ALONG NANCY CREEK, BEFORE TURNING SOUTH TO CROSS THE COLONIAL PIPELINE AND CONNECT WITH THE SMALL TURN-AROUND AT FOX GLEN CT. THERE WILL BE AN ADDITIONAL SMALL TRAIL THAT CREATES A LOOP WITHIN THE TURN OF THE MAIN TRAIL.

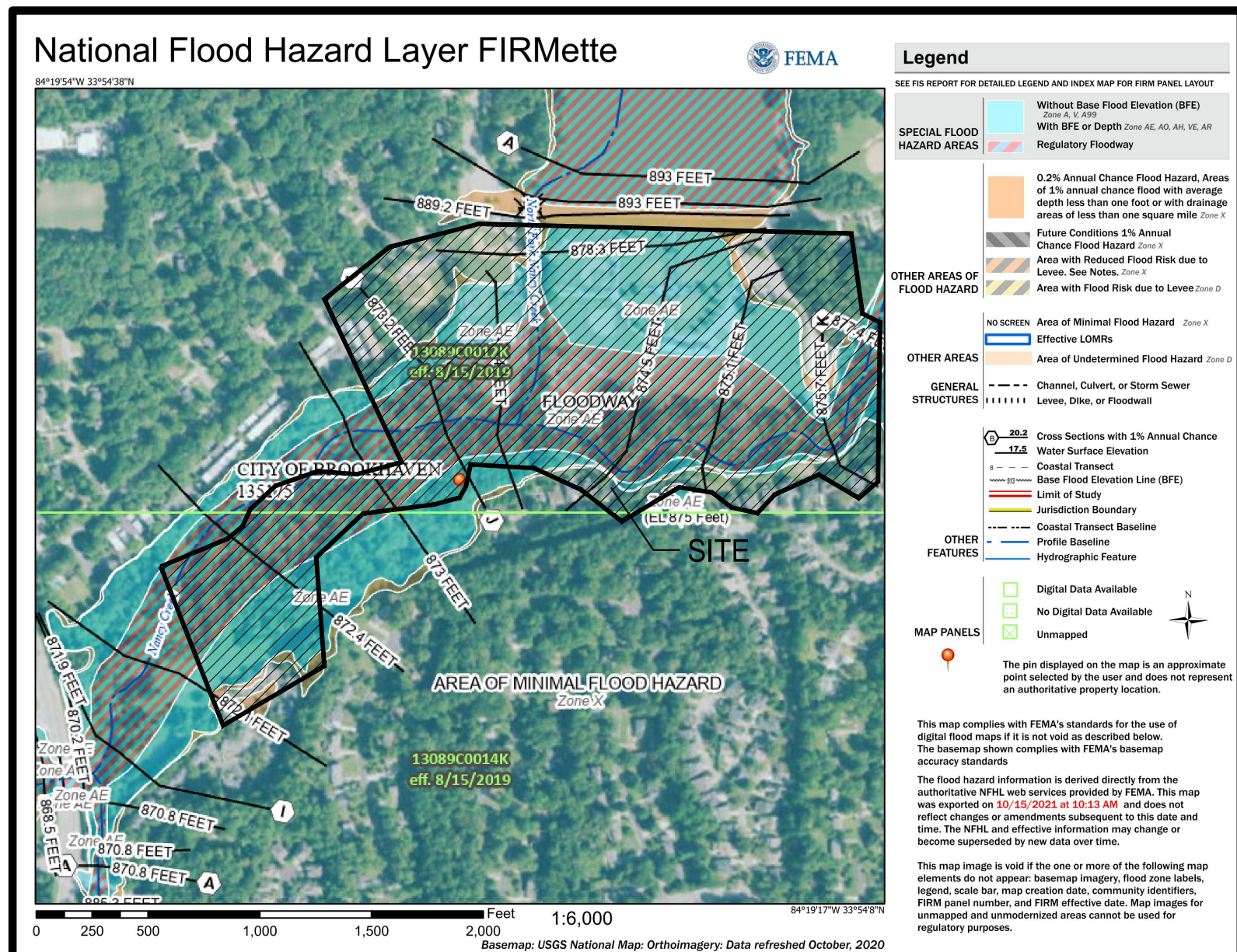
LOCATION MAP



NTS



Know what's below. Call before you dig.



CITY OF BROOKHAVEN FLOODPLAIN NOTES: 1. THE FLOOD ZONE AE SHOWN HEREON ARE BASED ON THE DEKALB COUNTY COMMUNITY PANELS (FIRM 13089C0014K). 2. THE BASE FLOOD (IRF) ELEVATIONS SHOWN HEREON ARE BASED ON THE FLOOD ELEVATION STUDY BY LOSE DESIGN. 3. ALL CONSTRUCTION INCLUDING GRADING AND FILLING WITHIN THE FLOODPLAIN SHOWN HEREON SHALL BE IN CONFORMANCE WITH THE BROOKHAVEN FLOODPLAIN ORDINANCE. 4. ALL CUT AND FILL WITHIN THE FLOODPLAIN SHALL BE FIELD VERIFIED AND CERTIFIED BY A PROFESSIONAL ENGINEER. 5. ALL INTERMEDIATE REGIONAL FLOODPLAIN SHALL BE FIELD LOCATED AND STAKED PRIOR TO ENCROACHMENT WITHIN THEM. SUCH LOCATION SHALL BE MAINTAINED CLEAR AND VISIBLE THROUGHOUT CONSTRUCTION AND FINAL APPROVAL. 6. WHEN UTILITY (STORM DRAINS, SEWER, ETC.) CONSTRUCTION IS WITHIN A FLOODPLAIN: A. THE CONTRACTOR SHALL RESTORE THE FLOODPLAIN TO THE ORIGINAL CONDITION AND GRADE IMMEDIATELY UPON COMPLETION. B. UPON COMPLETION OF RESTORATION, A PROFESSIONAL ENGINEER SHALL CERTIFY IN WRITING TO THE COMMUNITY DEVELOPMENT DEPARTMENT THAT ALL WORK IS COMPLETE AND THE FLOODPLAIN RESTORED. 7. WHEN ANY CONSTRUCTION BORDERS A FLOODPLAIN: A. THE CONTRACTOR SHALL RESTORE THE FLOODPLAIN TO THE ORIGINAL CONDITION AND GRADE IMMEDIATELY UPON COMPLETION. B. UPON COMPLETION OF RESTORATION, A PROFESSIONAL ENGINEER SHALL CERTIFY IN WRITING TO THE COMMUNITY DEVELOPMENT DEPARTMENT THAT ALL WORK IS COMPLETE AND THE FLOODPLAIN RESTORED. 8. THE LOWEST FLOOR ELEVATION INCLUDES BASEMENT AND ATTACHED GARAGE AND SHALL BE A MINIMUM OF 3 FEET ABOVE THE 100 YEAR STORM ELEVATION.

MURPHEY CANDLER TRAIL - SOUTH SITE DEVELOPMENT PLAN CITY OF BROOKHAVEN

Table with 3 columns: NO., DATE, DESCRIPTION. Lists permit revisions.

PERMIT DRAWINGS SHEET TITLE COVER

Table with 2 columns: PROJECT NO., DATE, DRAWN BY, SCALE, CHECKED BY, SHEET NO.

C0.00 APPROVED PLAN 09/20/2023 Permit # LDP22-00012

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MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

GEORGIA

CITY OF BROOKHAVEN

BROOKHAVEN

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
2	05/15/2023	SEGMENT OF TRAIL OMITTED

PERMIT DRAWINGS

SHEET TITLE

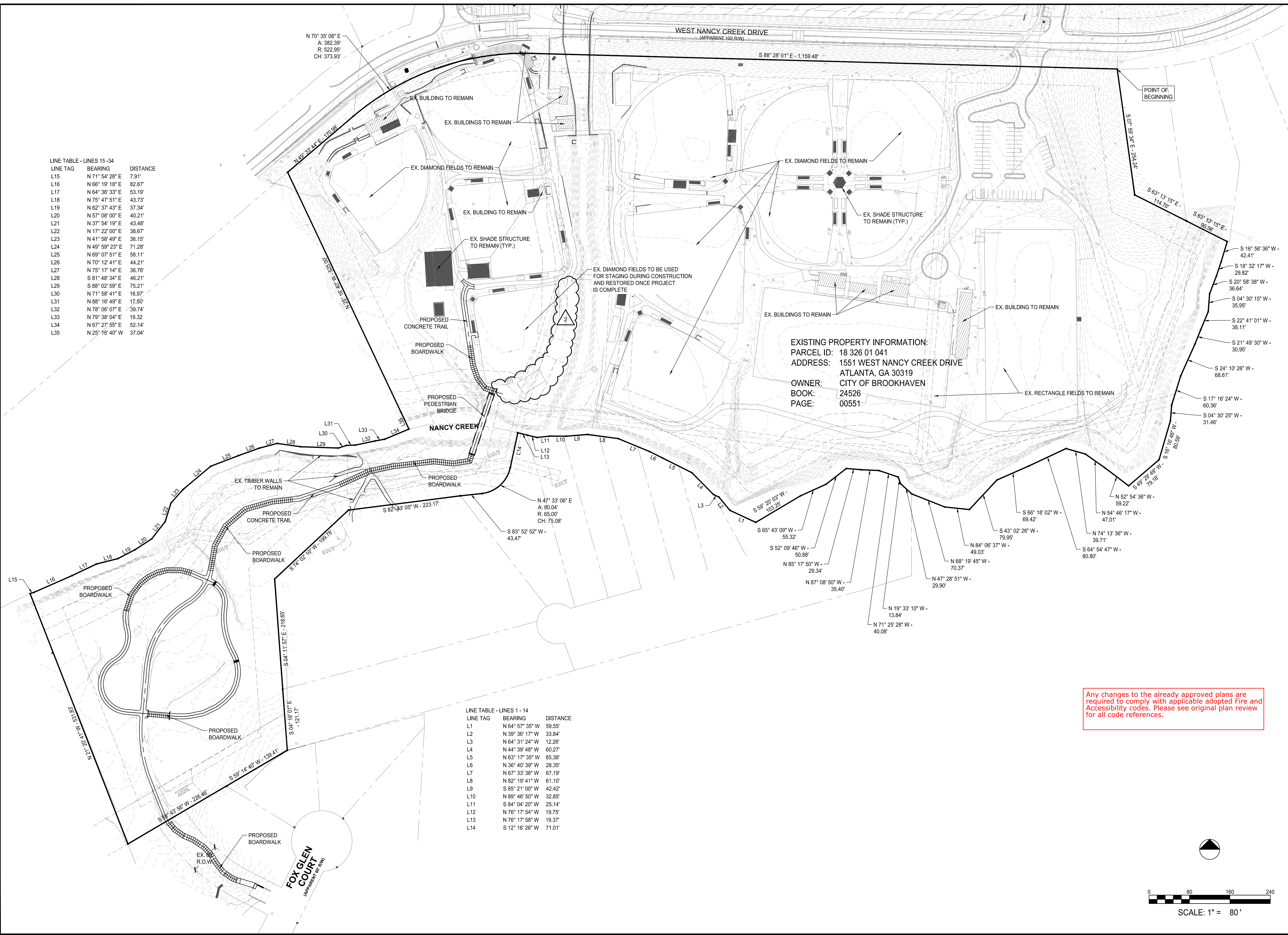
PROPOSED CONDITIONS
(GIS SITE PLAN)

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE AS SHOWN
CHECKED BY DMY	
SHEET NO.	

C0.03

APPROVED PLAN 09/20/2023

Permit # LDP22-00012



LINE TABLE - LINES 15-34

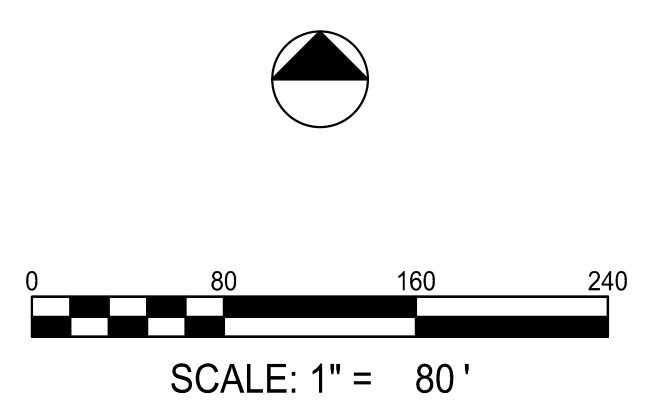
LINE TAG	BEARING	DISTANCE
L15	N 71° 54' 28" E	7.91'
L16	N 66° 19' 18" E	82.67'
L17	N 64° 36' 33" E	53.19'
L18	N 75° 47' 51" E	43.73'
L19	N 62° 37' 43" E	37.34'
L20	N 57° 08' 00" E	40.21'
L21	N 37° 54' 19" E	43.48'
L22	N 17° 22' 00" E	36.67'
L23	N 41° 58' 49" E	36.15'
L24	N 49° 59' 23" E	71.28'
L25	N 69° 07' 51" E	58.11'
L26	N 70° 12' 41" E	44.21'
L27	N 75° 17' 14" E	36.76'
L28	S 81° 48' 34" E	46.21'
L29	S 88° 02' 59" E	75.21'
L30	N 71° 58' 41" E	16.97'
L31	N 88° 16' 49" E	17.50'
L32	N 78° 06' 07" E	39.74'
L33	N 79° 38' 04" E	19.32'
L34	N 67° 27' 55" E	52.14'
L35	N 25° 16' 40" W	37.04'

EXISTING PROPERTY INFORMATION:
 PARCEL ID: 18 326 01 041
 ADDRESS: 1551 WEST NANCY CREEK DRIVE
 ATLANTA, GA 30319
 OWNER: CITY OF BROOKHAVEN
 BOOK: 24526
 PAGE: 00551

LINE TABLE - LINES 1-14

LINE TAG	BEARING	DISTANCE
L1	N 64° 57' 35" W	59.55'
L2	N 39° 36' 17" W	33.84'
L3	N 64° 31' 24" W	12.26'
L4	N 44° 39' 48" W	60.27'
L5	N 63° 17' 35" W	65.38'
L6	N 36° 40' 39" W	28.35'
L7	N 67° 33' 36" W	67.19'
L8	N 82° 19' 41" W	61.10'
L9	S 85° 21' 00" W	42.42'
L10	N 89° 46' 50" W	32.85'
L11	S 84° 04' 20" W	25.14'
L12	N 76° 17' 54" W	19.75'
L13	N 76° 17' 58" W	19.37'
L14	S 12° 16' 26" W	71.01'

Any changes to the already approved plans are required to comply with applicable adopted Fire and Accessibility codes. Please see original plan review for all code references.



SUBMITTALS / REVISIONS	
NO.	DATE DESCRIPTION
1	09/09/2022 PERMIT REVISIONS
2	05/15/2023 SEGMENT OF TRAIL OMITTED
PERMIT DRAWINGS	

SHEET TITLE

TREE PROTECTION PLAN

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY DMY	SCALE 1" = 40'
CHECKED BY MTC	
SHEET NO.	

EXISTING TREE INFORMATION WAS PROVIDED ON THE SURVEY, PREPARED BY TERRAMARK LAND SURVEYING INC., (NO. TM 20-221; DATE: 11-17-2020). REVISIONS TO LIST OF EXISTING TREES BASED ON FIELD VISIT.

LEGEND:

- LOD — LIMITS OF CONSTRUCTION/ DISTURBANCE
- - - - - TREE PROTECTION FENCE, REF. 05/C4.01

- TREE TRUNK (BASED ON SURVEY)
- EXISTING TREE TO REMAIN - NO IMPACT
- EXISTING TREE TO REMAIN - CRZ IMPACT
- EXISTING TREE TO BE REMOVED



TREES TO REMAIN

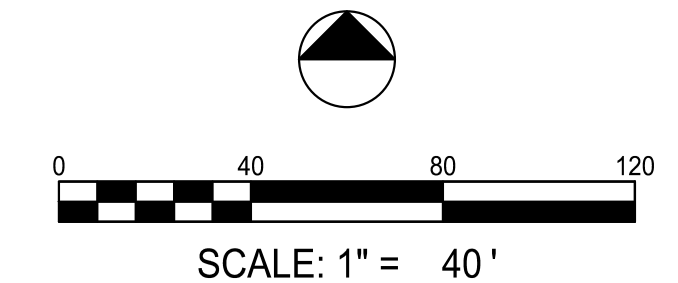
NO.	SPECIES	DBH (INCHES)	NOTES
16	POPLAR	29.0	SPECIMEN; NO IMPACT
17	MAPLE	26.0	SPECIMEN; NO IMPACT
18	SYCAMORE	24.0	SPECIMEN; NO IMPACT
19	SYCAMORE	23.0	NO IMPACT
20	HARDWOOD	22	NO IMPACT
21	OAK	20.0	NO IMPACT
22	HARDWOOD	29.0	MULTI-STEM; SPECIMEN; 14% CRZ IMPACT
23	OAK	18.0	NO IMPACT
24	HARDWOOD	43.0	MULTI-STEM; SPECIMEN; NO IMPACT
25	OAK	25.0	MULTI-STEM; SPECIMEN; NO IMPACT
27	MAGNOLIA	18.0	NO IMPACT
28	OAK	21.0	NO IMPACT
29	OAK	24.0	SPECIMEN; NO IMPACT
30	OAK	18	NO IMPACT
31	OAK	27.0	SPECIMEN; NO IMPACT
32	SWEETGUM	19.0	NO IMPACT
33	SWEETGUM	20	NO IMPACT
34	OAK	24	SPECIMEN; NO IMPACT
35	OAK	23	NO IMPACT
36	OAK	24	SPECIMEN; NO IMPACT
37	SWEETGUM	26	NO IMPACT
38	OAK	24	SPECIMEN; NO IMPACT
39	POPLAR	35	SPECIMEN; NO IMPACT
40	OAK	24	SPECIMEN; NO IMPACT
41	HARDWOOD	24	SPECIMEN; NO IMPACT
42	POPLAR	24	SPECIMEN; NO IMPACT
43	HARDWOOD	27	SPECIMEN; NO IMPACT
TOTAL: 661 DBH (INCHES)			

TREES TO BE REMOVED

NO.	SPECIES	DBH (INCHES)	NOTES
26	MAPLE	24.0	SPECIMEN; LOCATED IN PROPOSED BOARDWALK ALIGNMENT
TOTAL: 24 DBH (SPECIMEN) TO BE REMOVED			

TREES LOCATED IN SEWER EASEMENT DO NOT COUNT TOWARDS CALCULATIONS.

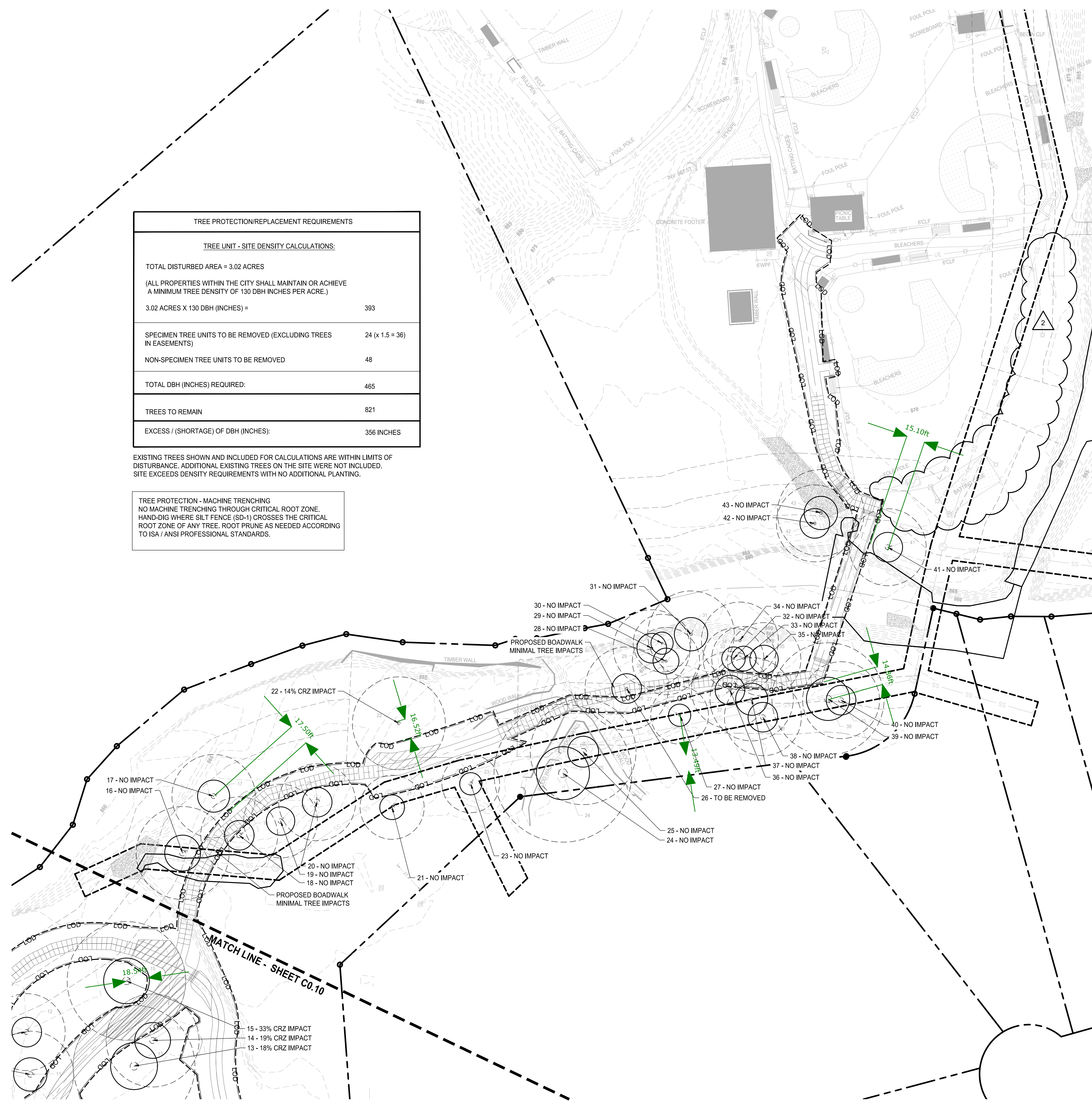
- NOTES:
- EXISTING SITE EXCEEDS REQUIRED TREE DENSITY AFTER EXISTING TREE REMOVAL.
 - REFER TO SHEET C0.01 FOR CITY OF BROOKHAVEN TREE PROTECTION NOTES.



TREE PROTECTION/REPLACEMENT REQUIREMENTS	
TREE UNIT - SITE DENSITY CALCULATIONS:	
TOTAL DISTURBED AREA = 3.02 ACRES	
(ALL PROPERTIES WITHIN THE CITY SHALL MAINTAIN OR ACHIEVE A MINIMUM TREE DENSITY OF 130 DBH INCHES PER ACRE.)	
3.02 ACRES X 130 DBH (INCHES) =	393
SPECIMEN TREE UNITS TO BE REMOVED (EXCLUDING TREES IN EASEMENTS)	24 (x 1.5 = 36)
NON-SPECIMEN TREE UNITS TO BE REMOVED	48
TOTAL DBH (INCHES) REQUIRED:	465
TREES TO REMAIN	821
EXCESS / (SHORTAGE) OF DBH (INCHES):	356 INCHES

EXISTING TREES SHOWN AND INCLUDED FOR CALCULATIONS ARE WITHIN LIMITS OF DISTURBANCE. ADDITIONAL EXISTING TREES ON THE SITE WERE NOT INCLUDED. SITE EXCEEDS DENSITY REQUIREMENTS WITH NO ADDITIONAL PLANTING.

TREE PROTECTION - MACHINE TRENCHING
NO MACHINE TRENCHING THROUGH CRITICAL ROOT ZONE.
HAND-DIG WHERE SILT FENCE (SD-1) CROSSES THE CRITICAL ROOT ZONE OF ANY TREE. ROOT PRUNE AS NEEDED ACCORDING TO ISA / ANSI PROFESSIONAL STANDARDS.



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES. PHASE 2 PRACTICES TO BE IMPLEMENTED AS NEEDED DURING CONSTRUCTION. PHASE 3 PRACTICES TO BE IMPLEMENTED AS SOON AS CONSTRUCTION IS COMPLETE ON DIFFERENT ASPECTS OF THE PROJECT, NOT AT END OF ALL CONSTRUCTION ACTIVITIES FOR ENTIRE SITE.
2. ALL TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED FROM SITE AT COMPLETION OF PROJECT OR WHEN CONTRIBUTING DRAINAGE AREA ACHIEVES FINAL STABILIZATION. STORM DRAIN OUTLET PROTECTION TO REMAIN IN PERMANENT CONDITION. ALL OTHER EROSION CONTROL MEASURES ON THIS SHEET ARE TEMPORARY.

MAP SYMBOL	CODE	PRACTICE	CALLOUT(S)
	Co	CONSTRUCTION EXIT	01 C3.40
	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	02 C3.40
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	05 C3.40
	Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	06 C3.40
	Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING)	01 C3.41
	Du	DUST CONTROL ON DISTURBED AREAS	04 C3.40

DESIGNER GSWCC LEVEL II

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.



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Level II Certified Design Professional

CERTIFICATION NUMBER: 0000083860
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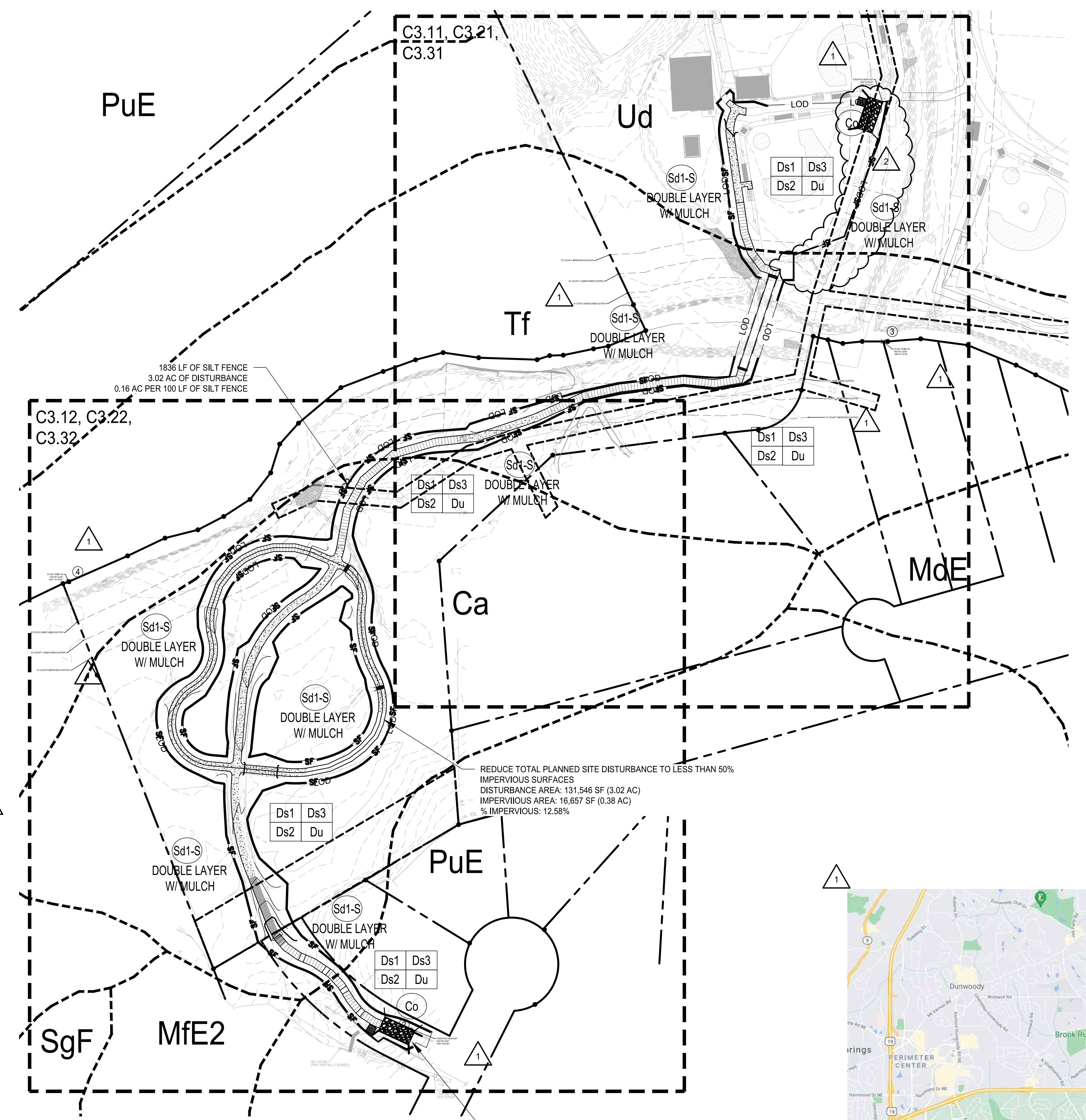


ASATO MASUYAMA, CERTIFIED DESIGN PROFESSIONAL

- #### CONSTRUCTION ACTIVITY WHICH DISCHARGES STORM WATER INTO AN IMPAIRED STREAM SEGMENT: 4 ADDITIONAL BMPs WILL BE USED FROM APPENDIX 1 FOR THE AREA OF THE SITE WHICH DISCHARGES TO THE IMPAIRED STREAM SEGMENT.
- A LARGE SIGN (MINIMUM 4FT X 8 FT) MUST BE POSTED ON SITE BY THE ACTUAL START DATE OF CONSTRUCTION. THE SIGN MUST BE VISIBLE FROM A PUBLIC ROADWAY. THE SIGN MUST IDENTIFY THE FOLLOWING: (1) CONSTRUCTION SITE, (2) THE PERMITEE(S), (3) THE CONTACT PERSON(S) AND TELEPHONE NUMBER(S), AND (4) THE PERMITEE-HOSTED WEBSITE WHERE THE PLAN CAN BE VIEWED MUST BE PROVIDED ON THE SUBMITTED NOI. THE SIGN MUST REMAIN ON SITE AND THE PLAN MUST BE AVAILABLE ON THE PROVIDED WEBSITE UNTIL A NOT HAS BEEN SUBMITTED.
 - CONDUCT TURBIDITY SAMPLING AFTER EVERY RAIN EVENT OF 0.5 IN OR GREATER WITHIN ANY 24-HOUR PERIOD, RECOGNIZING THE EXCEPTIONS SPECIFIED IN PART IV.D.6.D. OF THE CURRENT NPDES PERMITS.
 - REDUCE THE TOTAL PLANNED SITE DISTURBANCE TO LESS THAN 50% IMPERVIOUS SURFACES (EXCLUDING ANY STATE-MANDATED BUFFER AREAS FROM SUCH CALCULATIONS). ALL CALCULATIONS MUST BE INCLUDED ON THE PLAN.
 - USE MULCH FILTER BERMS, IN ADDITION TO A SILT FENCE, ON THE SITE PERIMETER WHEREVER CONSTRUCTION STORM WATER (INCLUDING SHEET FLOW) MAY BE DISCHARGED. MULCH FILTER BERMS CANNOT BE PLACED IN WATERWAYS OR AREAS OF CONCENTRATED FLOW.
- #### LAYOUT NOTES:
- SEE SHEET C0.01 FOR GENERAL NOTES.
 - SEE ARCHITECTURAL SHEETS FOR BUILDING.
 - INSTALL JOINTS WHERE SHOWN TO ALIGN TO WALLS, BUILDINGS, RADII, ETC. EVENLY SPACE BETWEEN ELEMENTS AS SHOWN. PROVIDE EXPANSION JOINTS BETWEEN CONCRETE PAVEMENT AND VERTICAL ELEMENTS (WALL, CURBS, ETC.). ALL JOINTS TO BE STRAIGHT AND TRUE.
 - LAYOUT ALL CURVES SMOOTHLY WITH NO ABRUPT CHANGES AT TANGENT POINTS.
 - ALL CURBS ARE DIMENSIONED TO THE FACE OF CURB.
 - CONTRACTOR TO TAKE ALL PRECAUTIONS TO FIND AND AVOID SITE UTILITIES. ALL UTILITIES ARE NOT SHOWN ON DRAWING. VERIFY LOCATIONS AND CONSIDER SUCH WHEN ESTIMATING.
 - ALL PAVEMENT MARKING AND TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
 - ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
 - ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED.
 - ALL RADII ARE 5' UNLESS OTHERWISE NOTED.

Point Table

Point #	Raw Description	Northing	Easting
1	CONSTRUCTION EXIT #1	N033° 54' 28.58"	W084° 19' 32.62"
2	CONSTRUCTION EXIT #2	N033° 54' 16.92"	W084° 19' 39.82"
3	STUDY POINT #1	N033° 54' 25.69"	W084° 19' 32.40"
4	STUDY POINT #2	N033° 54' 22.62"	W084° 19' 44.83"

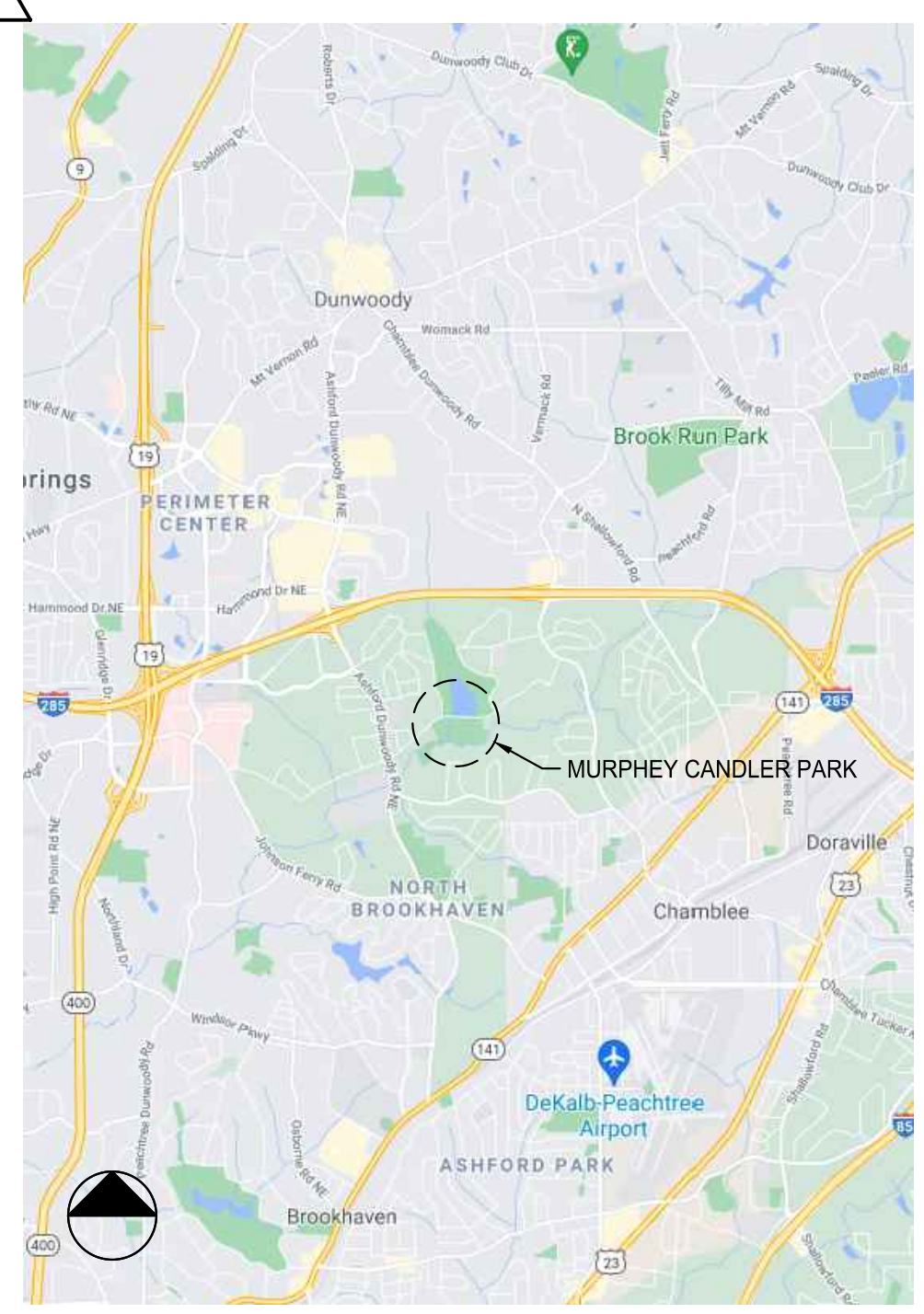


SEEDING NOTE THIS CONTRACT:

NOTE: IF AREAS ARE NOT TO BE PLANTED WITH OTHER MATERIAL (SEE LANDSCAPE PLANS) SEED TO BE BERMUDA GRASS @ 75 LBS/AC. IF SEEDING OCCURS OCT. - FEB., USE TEMPORARY SEEDING OF ANNUAL RYEGRASS @ 49 LBS/AC. TO BE FOLLOWED WITH BERMUDA MAR. - SEPT. APPLY STRAW MULCH, LIME, & FERTILIZER AS FOLLOWS.

- Ds2** SEED ALL DISTURBED AREAS (BOTH THOSE FROM PREVIOUS GRADING OPERATIONS, AND DISTURBANCES DURING THIS CONTRACT) NOT RECEIVING SPRIGGING OR SODDING (SEE LANDSCAPE PLANS) AS A PART OF THIS CONTRACT. THESE AREAS INCLUDE OPEN AREAS, DETENTION BASINS, AREAS OF FUTURE PAVING, PARKING LOTS, & ROADS. SEED SPECIES DEPEND UPON DATE OF COMPLETION.
- Ds3** UNIFORMLY SPREAD AGRICULTURAL LIME ON THE GROUND AT THE APPROXIMATE RATE DETERMINED BY THE LABORATORY SOIL TEST. UNIFORMLY SPREAD THE FERTILIZER SELECTED OVER THE GROUND AT APPROXIMATELY 1,200 LBS/ACRE (1350 KG/HA). IF USING A HIGHER ANALYSIS FERTILIZER WITH HYDROSEEDING, APPLY IT AT THE SAME RATE PER ACRE (HECTARE) AS THE STANDARD FERTILIZER. EVENLY APPLY STRAW MULCH IMMEDIATELY AFTER SEEDING BETWEEN 3/4 IN AND 1-1/2 IN (20 MM AND 40 MM) DEEP, ACCORDING TO THE TEXTURE AND MOISTURE CONTENT OF THE MULCH MATERIAL. MULCH SHALL ALLOW SUNLIGHT TO PENETRATE AND AIR TO CIRCULATE AS WELL AS SHADE THE GROUND, REDUCE EROSION, AND CONSERVE SOIL MOISTURE.

- #### APPENDIX 1 REQUIREMENT
- 4FT X 8FT SIGN W/ FOLLOWING INFORMATION
- CONSTRUCTION SITE
 - PRIMARY PERMITEE
 - 24 HOUR CONTACT (W/ PHONE NUMBER)
 - PERMITEE HOSTED WEBSITE WHERE PLANS CAN BE VIEWED
- SIGN MUST REMAIN ON SITE AND PLAN MUST BE AVAILABLE ON WEBSITE UNTIL NOT HAS BEEN SUBMITTED



- #### CITY OF BROOKHAVEN EROSION CONTROL NOTES:
- PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH ENTRY TO OR EXIT FROM THE SITE.
 - THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ON TO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS DEMANDS, AND REPAIR AND/OR CLEAN-OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY. THE CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORK DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. PERMANENT VEGETATION SHALL BE PLANTED IF THE AREA IS TO BE LEFT UNDISTURBED FOR GREATER THAN 6 MONTHS.
 - PROVIDE GPS COORDINATES AT CONSTRUCTION EXIT AS REQUIRED ON THE NOTICE OF INTENT UNDER THE NPDES APPLICATION.
 - PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL OCCUR WITHIN THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
 - IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES/EXITS, ALL PERIMETER EROSION CONTROL DEVICES AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
 - OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.
 - THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.
 - THE CONSTRUCTION OF THE SITE WILL INITIATE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL UPSTREAM GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/DRIVEWAYS HAVE BEEN PAVED.
 - IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE, AS NECESSARY.
 - ANY DISTURBED AREA LEFT EXPOSED SHALL BE TEMPORARILY STABILIZED WITH MULCH OR TEMPORARY SEEDING AS SOON AS POSSIBLE AFTER ROUGH GRADING IS COMPLETED BUT WITHIN 14 DAYS AFTER DISTURBANCE; PERMANENT VEGETATION SHALL BE PLANTED IF THE AREA IS TO BE LEFT UNDISTURBED FOR GREATER THAN 6 MONTHS.
 - IF CONCRETE WORK IS DONE ON SITE THEN A CONCRETE WASHDOWN BMP SHALL BE PROVIDED OR A NOTE "CONCRETE WASHDOWN IS NOT ALLOWED ON SITE." THE CONCRETE WASHDOWN AREA, IF ALLOWED, SHALL BE FOR THE TOOLS, CONCRETE MIXER CHUTES, HOPPERS, AND THE REAR OF VEHICLES. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.
 - FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED CONSISTENT WITH THE GOVERNING EROSION CONTROL ORDINANCE.
 - A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
 - ALL SEWER EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION.
 - TOILET FACILITIES SHALL BE MADE AVAILABLE TO CONSTRUCTION WORKERS WITHIN 300-FEET OF SITE.

- #### EROSION CONTROL LEGEND:
- LIMITS OF CONSTRUCTION/ DISTURBANCE
 - SAMPLE POINT NUMBER (SEE C2.10 FOR GIS LOCATION)
 - CHANNEL FLOW ARROW
 - DIRECTION OF RAINFALL RUNOFF
- PERIMETER BEST MANAGEMENT PRACTICES (B.M.P.'s):
CONTRACTOR TO INSTALL ALL PERIMETER CONTROL BMPs: TREE PROTECTION, SILT FENCE, AND THE INITIAL SEDIMENT STORAGE PONDS, AND THEIR ASSOCIATED DIVERSIONS PRIOR TO COMMENCING ANY GRADING ACTIVITY. SEE MATCHING HIGHLIGHTED AREA.

TMDL NOTE:

TO MEET STANDARDS, NANCY CREEK REQUIRES AN 84% REDUCTION IN FECAL COLIFORM ACCORDING TO THE TMDL IMPLEMENTATION PLAN. THE TMDL FOR FISH BIOTA INDICATES THAT A 35.45% REDUCTION IS NEEDED IN NANCY CREEK TO MEET WATER QUALITY STANDARDS. SEE SHEET C3.03 FOR ADDITIONAL BMPs REQUIRED FROM APPENDIX 1

FLOODPLAIN NOTE:

THIS SITE IS LOCATED WITHIN A ZONE AE AS DEFINED BY FIRM COMMUNITY PANEL NUMBER 13089C0014K FOR CITY OF BROOKHAVEN, DEKALB COUNTY, GEORGIA (AUGUST 15, 2019).

PHASE III EROSION CONTROL NOTE:

ALL EROSION CONTROL MEASURES TO BE INSTALLED PER 2016 GREEN BOOK. CONTRACTOR TO REMOVE SILT FENCE AFTER ALL SOIL IS STABILIZED AND AFTER ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

CONSTRUCTION ADDRESS:
MURPHEY CANDLER PARK
1551 WEST NANCY CREEK DR
ATLANTA, GA 30319

PRIMARY PERMITEE / OWNER CONTACT:
KAREN OWENS
CITY OF BROOKHAVEN
3360 OSBORNE ROAD
BROOKHAVEN, GA 30319
PHONE: 404.637.0562

24-HR. EMERGENCY CONTACT:
BRIAN BORDEN - 404.637.0500
BRIAN.BORDEN@BROOKHAVENGA.GOV

EXISTING USE: MUNICIPAL PARK
PROPOSED USE: MUNICIPAL PARK

TOTAL PROJECT AREA: ± 1,602,679-SF, ± 36.79-AC
TOTAL DISTURBED AREA: ± 131,546-SF, ± 3.02-AC

MURPHEY CANDLER TRAIL - SOUTH SITE DEVELOPMENT PLAN

ESPC PLAN KEY SHEET

NO.	DATE	DESCRIPTION
1	09/09/2022	PERMIT REVISIONS
2	05/15/2023	SEGMENT OF TRAIL OMITTED

PERMIT DRAWINGS

SHEET TITLE

PROJECT NO. 21031 DATE 07/01/2022


DRAWN BY AM SCALE 1"=80'

CHECKED BY --


SHEET NO.

SCALE: 1" = 80'

C3.04
APPROVED PLAN 09/20/2023
Permit # LDP22-00012



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GEORGIA

BROOKHAVEN

CITY OF BROOKHAVEN

ESPC PLAN KEY SHEET

**UNIFORM CODING SYSTEM
FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES**
GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES. PHASE 2 PRACTICES TO BE IMPLEMENTED AS NEEDED DURING CONSTRUCTION. PHASE 3 PRACTICES TO BE IMPLEMENTED AS SOON AS CONSTRUCTION IS COMPLETE ON DIFFERENT ASPECTS OF THE PROJECT, NOT AT END OF ALL CONSTRUCTION ACTIVITIES FOR ENTIRE SITE.
2. ALL TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED FROM SITE AT COMPLETION OF PROJECT OR WHEN CONTRIBUTING DRAINAGE AREA ACHIEVES FINAL STABILIZATION. STORM DRAIN OUTLET PROTECTION TO REMAIN IN PERMANENT CONDITION. ALL OTHER EROSION CONTROL MEASURES ON THIS SHEET ARE TEMPORARY.

MAP SYMBOL	CODE	PRACTICE	CALLOUT(S)
	Co	CONSTRUCTION EXIT	01 (C3.40)
	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	02 (C3.40)
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	05 (C3.40)
	Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	06 (C3.40)
	Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING)	01 (C3.41)
	Du	DUST CONTROL ON DISTURBED AREAS	04 (C3.40)

NRCS SOILS TYPE LEGEND

Ca	CARTECAY SILT LOAM, FREQUENTLY FLOODED
Tf	TOCOCCA SANDY LOAM, 0 TO 2% SLOPES, FREQUENTLY FLOODED
Ud	URBAN LAND
FuE	PACOLET-URBAN LAND COMPLEX, 10 TO 25% SLOPES

DESIGNER GSWCC LEVEL II
I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.



Asato Masuyama
Level II Certified Design Professional
Certification Number: 0000083860
Issued: 10/01/2021 Expires: 10/01/2024
ASATO MASUYAMA, CERTIFIED DESIGN PROFESSIONAL

FLOODPLAIN NOTE:
THIS SITE IS LOCATED WITHIN A ZONE AS DEFINED BY FIRM COMMUNITY PANEL NUMBER 13089C0012K FOR CITY OF BROOKHAVEN, DeKALB COUNTY, GEORGIA (AUGUST 15, 2019).

CONSTRUCTION ADDRESS:
MURPHEY CANDLER PARK
1551 WEST NANCY CREEK DR
ATLANTA, GA 30319

PRIMARY PERMITTEE / OWNER CONTACT:
BRIAN BORDEN
CITY OF BROOKHAVEN
3360 OSBORNE ROAD
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PHONE: 404.637.0562

24-HR. EMERGENCY CONTACT:
BRIAN BORDEN - 404.637.0562
BRIAN.BORDEN@BROOKHAVENGA.GOV

**EXISTING USE: MUNICIPAL PARK
PROPOSED USE: MUNICIPAL PARK**

**TOTAL PROJECT AREA: ± 1,602,679-SF, ± 36.79-AC
TOTAL DISTURBED AREA: ± 131,546-SF, ± 3.02-AC**

LAYOUT NOTES:

- SEE SHEET C0.01 FOR GENERAL NOTES.
- SEE ARCHITECTURAL SHEETS FOR BUILDING.
- INSTALL JOINTS WHERE SHOWN TO ALIGN TO WALLS, BUILDINGS, RADII, ETC. EVENLY SPACE BETWEEN ELEMENTS AS SHOWN. PROVIDE EXPANSION JOINTS BETWEEN CONCRETE PAVEMENT AND VERTICAL ELEMENTS (WALL, CURBS, ETC.). ALL JOINTS TO BE STRAIGHT AND TRUE.
- LAYOUT ALL CURVES SMOOTHLY WITH NO ABRUPT CHANGES AT TANGENT POINTS.
- ALL CURBS ARE DIMENSIONED TO THE FACE OF CURB.
- CONTRACTOR TO TAKE ALL PRECAUTIONS TO FIND AND AVOID SITE UTILITIES. ALL UTILITIES ARE NOT SHOWN ON DRAWING. VERIFY LOCATIONS AND CONSIDER SUCH WHEN ESTIMATING.
- ALL PAVEMENT MARKING AND TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
- ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED.
- ALL RADII ARE 5' UNLESS OTHERWISE NOTED.

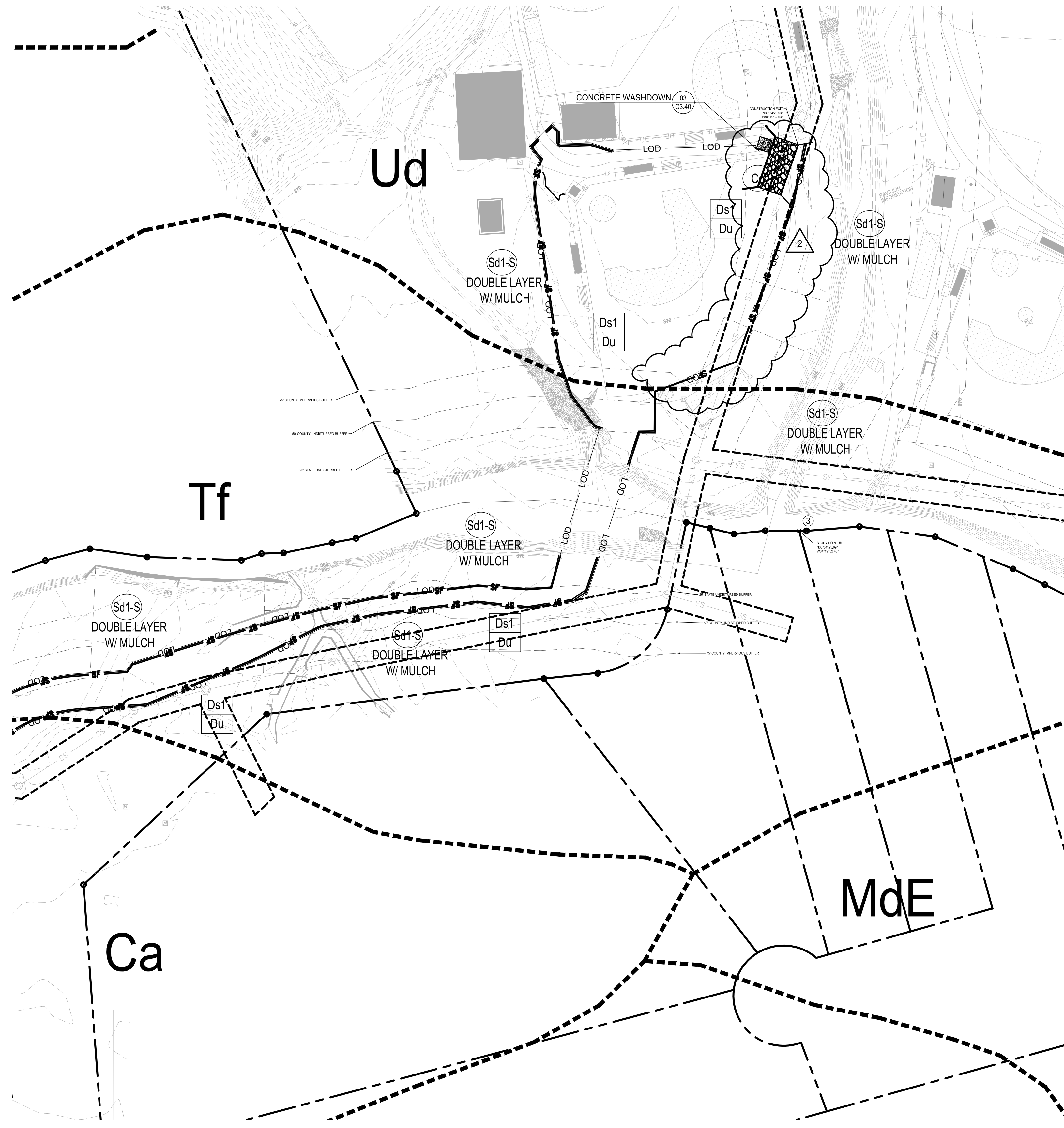
SEEDING NOTE THIS CONTRACT:

NOTE: IF AREAS ARE NOT TO BE PLANTED WITH OTHER MATERIAL (SEE LANDSCAPE PLANS) SEED TO BE BERMUUDA GRASS @ 75 LBS/AC. IF SEEDING OCCURS OCT. - FEB., USE TEMPORARY SEEDING OF ANNUAL RYEGRASS @ 49 LBS/AC. TO BE FOLLOWED WITH BERMUUDA MAR. - SEPT. APPLY STRAW MULCH, LIME, & FERTILIZER AS FOLLOWS.

Ds2 SEED ALL DISTURBED AREAS (BOTH THOSE FROM PREVIOUS GRADING OPERATIONS, AND DISTURBANCES DURING THIS CONTRACT) NOT RECEIVING SPRIGGING OR SODDING (SEE LANDSCAPE PLANS) AS A PART OF THIS CONTRACT. THESE AREAS INCLUDE OPEN AREAS, DETENTION BASINS, AREAS OF FUTURE PAVING, PARKING LOTS, & ROADS. SEED SPECIES DEPEND UPON DATE OF COMPLETION.

Ds3 UNIFORMLY SPREAD AGRICULTURAL LIME ON THE GROUND AT THE APPROXIMATE RATE DETERMINED BY THE LABORATORY SOIL TEST. UNIFORMLY SPREAD THE FERTILIZER SELECTED OVER THE GROUND AT APPROXIMATELY 1,200 LBS/ACRE (1350 KG/HA), IF USING A HIGHER ANALYSIS FERTILIZER WITH HYDROSEEDING, APPLY IT AT THE SAME RATE PER ACRE (HECTARE) AS THE STANDARD FERTILIZER. EVENLY APPLY STRAW MULCH IMMEDIATELY AFTER SEEDING BETWEEN 3/4 IN AND 1-1/2 IN (20 MM AND 40 MM) DEEP, ACCORDING TO THE TEXTURE AND MOISTURE CONTENT OF THE MULCH MATERIAL. MULCH SHALL ALLOW SUNLIGHT TO PENETRATE AND AIR TO CIRCULATE AS WELL AS SHADE THE GROUND, REDUCE EROSION, AND CONSERVE SOIL MOISTURE.

- THERE ARE DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE
- AN UNNAMED TRIBUTARY OF NANCY CREEK IS THE RECEIVING WATERS FOR THIS SITE
- THE SITE IS LOCATED WITHIN 1-MILE FROM AN IMPAIRED STREAM SEGMENT



**CLEARING PHASE
EROSION CONTROL NOTES**

PRIOR TO THE LAND DISTURBING CONSTRUCTION THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA SITE DEVELOPMENT INSPECTOR.

THE CONTRACTOR SHALL OBSERVE THE PROJECT SEQUENCE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO INSURE THAT LAND STRIPPED OF ITS NATURAL COVER IS EXPOSED ONLY IN SMALL QUANTITIES.

THE OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.

NO STAGING AREAS, MATERIAL STORAGE, CONCRETE WASH OUT AREAS, OR DEBRIS BURN AND BURIAL HOLES SHALL BE LOCATED WITHIN 500 FEET OF DESIGNATED TREE PROTECTION AREAS OR STREAM BUFFERS, IF POSSIBLE.

A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.

PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITIES SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITIES. NO LAND DISTURBANCE SHALL TAKE PLACE OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.

PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY OR EXIT FROM THE SITE OR ONTO ANY PUBLIC ROADWAY.

THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES.

- THE CONSTRUCTION EXIT, CONSISTING OF A MINIMUM PAD SIZE OF 20 FEET BY 50 FEET WITH A MINIMUM OF 6" THICK STONE, SHALL BE PLACED AS SHOWN ON THE PLANS. THE STONE SIZE SHALL CONSIST OF COURSE AGGREGATE BETWEEN 1-1/2" & 3-1/2" IN DIAMETER AND OVERLAID ON A GEOTEXTILE UNDERLINER. THE GEOTEXTILE UNDERLINER SHALL MEET THE REQUIREMENTS OF AASHTO M266-96, SECTION 7.3 SEPARATION REQUIREMENTS.
- IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXIT ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
- TYPE 'C' SILT FENCE SHOULD BE INSTALLED AT THE PERIMETER OF THE DISTURBED AREA AS SHOWN ON THE PLAN. THE SILT FENCE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL IN GEORGIA, TABLE 6-27.1. THE SILT FENCE SHOULD BE KEPT ERECT AT ALL TIMES AND REPAIRED WHEN REQUESTED BY THE SITE INSPECTOR OR THE PROJECT DESIGN PROFESSIONAL OF RECORD. SILT SHOULD BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF BARRIER. THE PERIMETER SILT FENCE SHOULD BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.
- INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN ON THE PLANS. SEE SEPARATE DETAIL FOR SPECIFICS ON TYPE OF INLET PROTECTION SPECIFIED.
- STONE CHECK DAMS SHALL BE INSTALLED ON ALL EXISTING CONCENTRATED FLOWS AS SHOWN ON THE PLANS.
- TREE PROTECTION FENCING SHOULD BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBANCE ACTIVITY AND MAINTAINED UNTIL FINAL LANDSCAPING IS INSTALLED. THE TREE PROTECTION FENCING SHOULD BE INSPECTED DAILY. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.

AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL. NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT DESIGN PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT EROSION CONTROL OF ADDITIONAL EROSION CONTROL MEASURES, THE CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE SITE INSPECTOR.

AFTER APPROVAL OF THE INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES. AS CLEARING PERMITS THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT PONDS AND DIVERSION DIKES AS SHOWN ON THE CLEARING PHASE PLAN TO CONTROL EROSION AND STORM WATER RUNOFF.

THE DESIGN PROFESSIONAL WHO PREPARED THE EROSION CONTROL PLAN WILL INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN SEVEN DAYS AFTER INSTALLATION.

THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL IN AREAS SHOWN ON PLAN WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.

NO BURN OR BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE WITHOUT WRITTEN PERMISSION BY THE OWNER AND/OR THE ENGINEER OF RECORD.

ADDITIONAL SILT BARRIERS MUST BE PLACED AS SHOWN ON THE PLANS AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION AND SEDIMENT PONDS ARE CONSTRUCTED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.

ALL SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 1983.

ALL ITEMS IN THIS SECTION OF THE SPECIFICATIONS SHALL MEET THE REQUIREMENTS AS SET FORTH IN SECTION 161, 162, 163, AND 164 OF GEORGIA D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF GREATER THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3 INCH STONE, AS CONDITIONS DEMAND. ALL MATERIAL SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.

FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLAN.

THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES DUE TO ANY CONSTRUCTION ACTIVITY BY OTHERS.

ALL CLEARING AND GRUBBING DEBRIS TO BE CHIPPED AND MULCHED FOR USE IN SEDIMENT AND EROSION CONTROL PREVENTION.

LOSE DESIGN
SPACES FOR LIFE.

THIS DRAWING AND THE DESIGN SHOWN IS THE PROPERTY OF THE ARCHITECT. REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT AND ANY INSTRUMENTS IS SUBJECT TO LEGAL ACTION.



**MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN**

GEORGIA

CITY OF BROOKHAVEN

BROOKHAVEN

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
1	09-09-2022	PERMIT REVISIONS
2	05-15-2023	SEGMENT OF TRAIL OMITTED

PERMIT DRAWINGS

SHEET TITLE

ESPC INITIAL PHASE

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY AM	SCALE 1"=50'
CHECKED BY --	
SHEET NO.	

C3.11
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

**UNIFORM CODING SYSTEM
FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES**
GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES. PHASE 2 PRACTICES TO BE IMPLEMENTED AS NEEDED DURING CONSTRUCTION. PHASE 3 PRACTICES TO BE IMPLEMENTED AS SOON AS CONSTRUCTION IS COMPLETE ON DIFFERENT ASPECTS OF THE PROJECT, NOT AT END OF ALL CONSTRUCTION ACTIVITIES FOR ENTIRE SITE.
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MAP SYMBOL	CODE	PRACTICE	CALLOUT(S)
	Co	CONSTRUCTION EXIT	01 (C3.40)
	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	02 (C3.40)
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	05 (C3.40)
	Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	06 (C3.40)
	Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING)	01 (C3.41)
	Du	DUST CONTROL ON DISTURBED AREAS	04 (C3.40)

NRCS SOILS TYPE LEGEND

Ca	CARTECY SILT LOAM, FREQUENTLY FLOODED
Tf	TOCCOA SANDY LOAM, 0 TO 2% SLOPES, FREQUENTLY FLOODED
Ud	URBAN LAND
PuE	PACOLET-URBAN LAND COMPLEX, 10 TO 25% SLOPES

DESIGNER GSWCC LEVEL II
I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

Asato Masuyama
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000083860
ISSUED: 10/01/2021 EXPIRES: 10/01/2024

ASATO MASUYAMA, CERTIFIED DESIGN PROFESSIONAL

FLOODPLAIN NOTE:
THIS SITE IS LOCATED WITHIN A ZONE AS DEFINED BY FIRM COMMUNITY PANEL NUMBER 13089C0012K FOR CITY OF BROOKHAVEN, DeKALB COUNTY, GEORGIA (AUGUST 15, 2019).

CONSTRUCTION ADDRESS:
MURPHEY CANDLER PARK
1551 WEST NANCY CREEK DR
ATLANTA, GA 30319

PRIMARY PERMITTEE / OWNER CONTACT:
BRIAN BORDEN
CITY OF BROOKHAVEN
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PHONE: 404.637.0562

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BRIAN.BORDEN@BROOKHAVENGA.GOV

EXISTING USE: MUNICIPAL PARK
PROPOSED USE: MUNICIPAL PARK

TOTAL PROJECT AREA: ± 1,602,679-SF, ± 36.79-AC
TOTAL DISTURBED AREA: ± 131,546-SF, ± 3.02-AC

LAYOUT NOTES:

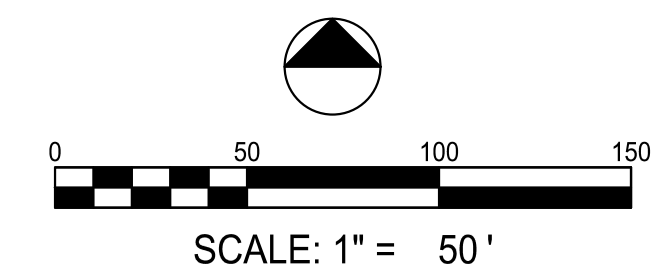
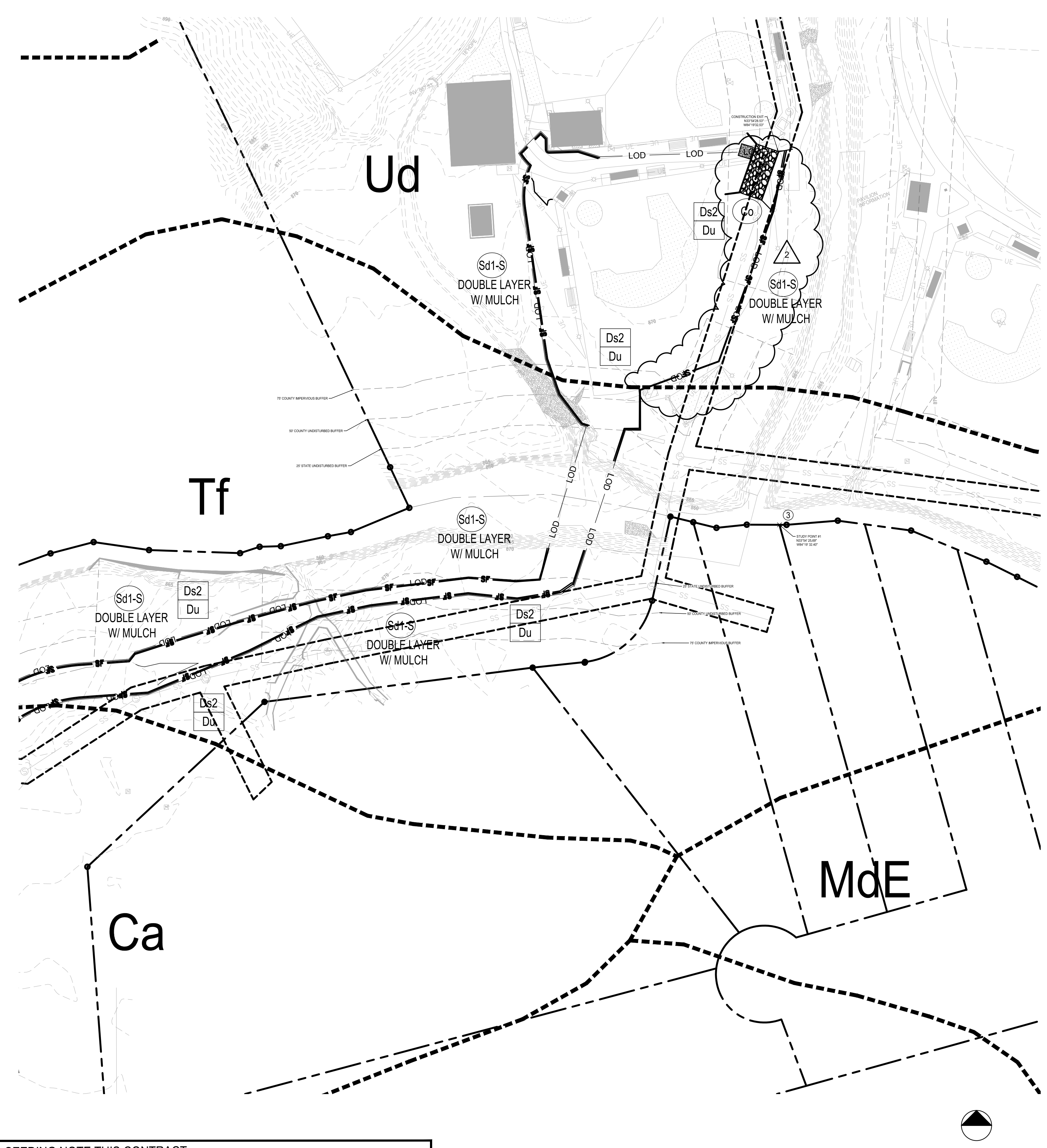
- SEE SHEET C0.01 FOR GENERAL NOTES.
- SEE ARCHITECTURAL SHEETS FOR BUILDING.
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- LAYOUT ALL CURVES SMOOTHLY WITH NO ABRUPT CHANGES AT TANGENT POINTS.
- ALL CURBS ARE DIMENSIONED TO THE FACE OF CURB.
- CONTRACTOR TO TAKE ALL PRECAUTIONS TO FIND AND AVOID SITE UTILITIES. ALL UTILITIES ARE NOT SHOWN ON DRAWING. VERIFY LOCATIONS AND CONSIDER SUCH WHEN ESTIMATING.
- ALL PAVEMENT MARKING AND TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
- ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED.
- ALL RADII ARE 5' UNLESS OTHERWISE NOTED.

SEEDING NOTE THIS CONTRACT:

NOTE: IF AREAS ARE NOT TO BE PLANTED WITH OTHER MATERIAL (SEE LANDSCAPE PLANS) SEED TO BE BERMUDA GRASS @ 75 LBS/AC. IF SEEDING OCCURS OCT. - FEB., USE TEMPORARY SEEDING OF ANNUAL RYEGRASS @ 49 LBS/AC. TO BE FOLLOWED WITH BERMUDA MAR. - SEPT. APPLY STRAW MULCH, LIME, & FERTILIZER AS FOLLOWS.

Ds2	SEED ALL DISTURBED AREAS (BOTH THOSE FROM PREVIOUS GRADING OPERATIONS, AND DISTURBANCES DURING THIS CONTRACT) NOT RECEIVING SPRIGGING OR SODDING (SEE LANDSCAPE PLANS) AS A PART OF THIS CONTRACT. THESE AREAS INCLUDE OPEN AREAS, DETENTION BASINS, AREAS OF FUTURE PAVING, PARKING LOTS, & ROADS. SEED SPECIES DEPEND UPON DATE OF COMPLETION.
Ds3	UNIFORMLY SPREAD AGRICULTURAL LIME ON THE GROUND AT THE APPROXIMATE RATE DETERMINED BY THE LABORATORY SOIL TEST. UNIFORMLY SPREAD THE FERTILIZER SELECTED OVER THE GROUND AT APPROXIMATELY 1,200 LBS/ACRE (1350 KG/HA), IF USING A HIGHER ANALYSIS FERTILIZER WITH HYDROSEEDING, APPLY IT AT THE SAME RATE PER ACRE (HECTARE) AS THE STANDARD FERTILIZER. EVENLY APPLY STRAW MULCH IMMEDIATELY AFTER SEEDING BETWEEN 3/4 IN AND 1-1/2 IN (20 MM and 40 MM) DEEP, ACCORDING TO THE TEXTURE AND MOISTURE CONTENT OF THE MULCH MATERIAL. MULCH SHALL ALLOW SUNLIGHT TO PENETRATE AND AIR TO CIRCULATE AS WELL AS SHADE THE GROUND, REDUCE EROSION, AND CONSERVE SOIL MOISTURE.

- THERE ARE DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE
- AN UNNAMED TRIBUTARY OF NANCY CREEK IS THE RECEIVING WATERS FOR THIS SITE
- THE SITE IS LOCATED WITHIN 1-MILE FROM AN IMPAIRED STREAM SEGMENT



**GRADING PHASE
EROSION CONTROL NOTES**

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE PRELIMINARY GRADING PHASE OF CONSTRUCTION.

MAINTAIN FULL COORDINATION WITH THE DESIGN PROFESSIONAL, CONTRACTOR AND REGULATORY INSPECTOR AT ALL TIMES REGARDING PROJECT SEQUENCE.

DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO INSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES AND THEREFORE LIMITED DURATION, BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED. NOTE SUB PHASES SHOWN ON PLANS.

EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR SLOGGING INTO THE BUFFER AREAS.

SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET AGAIN.

EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE PROPOSED DRAINAGE PATTERNS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT THE VARIOUS STAGES OF CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING BARRIERS AT THE TOE OF SLOPES UNDER CONSTRUCTION. THESE BARRIERS SHALL BE SHOWN IN THE PLANS. THESE BARRIERS MAY BE RELOCATED AND REUSED AFTER PERMANENT SLOPE STABILIZATION BECOMES FULLY ESTABLISHED. AS THEY ARE RELOCATED, ANY DEFECTIVE MATERIALS IN THE BARRIER SHALL BE REPLACED. IN ADDITION, ALL DEBRIS AND SILT AT THE PREVIOUS LOCATION SHALL BE REMOVED.

ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT OF 10FT OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING OR BLANKETS IMMEDIATELY.

TYPE "C" SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS AND ALL FILL SLOPES 10FT OR GREATER IN HEIGHT. THE SILT FENCE SHALL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED ON THE SLOPE. SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF THE BARRIER. ADDITIONALLY, DIVERSION DIKES SHALL BE CONSTRUCTED ALONG THE TOP OF ALL SAID FILL SLOPES WITH THE USE OF TEMPORARY DOWN DRAINS TO CONTROL STORMWATER RUNOFF AS SHOWN ON THE PLANS.

INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL STORM STRUCTURES AS THEY ARE CONSTRUCTED. SEE PLAN VIEW FOR SPECIFIC TYPE AND SEPARATE DETAILS FOR ADDITIONAL INFORMATION ON TYPE OF INLET PROTECTION SPECIFIED.

STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS CONSTRUCTED. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.

STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN. SEE SEPARATE DETAIL FOR ADDITIONAL INFORMATION.

ALL DRAINAGE SWALES SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.

ALL GRADED AREAS SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF GREATER THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.

AFTER PRELIMINARY GRADING ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASINS AND DIVERSION DIKES AS SHOWN ON PLAN. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT POND UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE 1/3 DEPTH OF BASIN. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED. INDICATORS MUST BE INSTALLED IN SEDIMENT BASINS INDICATING THE 1/3 FULL VOLUME FOR CLEANOUT.

THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.

FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES DUE TO ANY CONSTRUCTION ACTIVITY BY OTHERS.

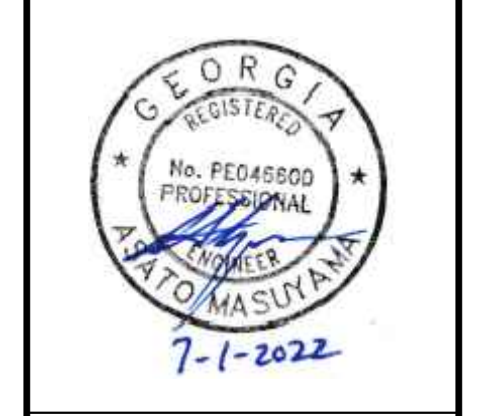
ALL INLET HEADWALLS TO BE PROTECTED WITH SILT GATES, AND ALL DROP INLETS TO BE UNDERCUT 1.5FT DEEP BY 10FT IN DIAMETER.

ERODED VEGETATED SLOPES WILL BE BACKFILLED, SMOOTHED, SEEDING OR GRASSSED AND COVERED WITH GEOTEXTILE MATTING.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

**LOSE DESIGN
SPACES FOR LIFE.**

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**MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN**

GEORGIA
CITY OF BROOKHAVEN

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
1	09/20/2022	PERMIT REVISIONS
2	05/15/2023	SEGMENT OF TRAIL OMITTED

PERMIT DRAWINGS

ESPC INTERMEDIATE PHASE

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY AM	SCALE 1"=50'
CHECKED BY --	
SHEET NO.	

C3.21
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

**UNIFORM CODING SYSTEM
FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES**
GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES. PHASE 2 PRACTICES TO BE IMPLEMENTED AS NEEDED DURING CONSTRUCTION. PHASE 3 PRACTICES TO BE IMPLEMENTED AS SOON AS CONSTRUCTION IS COMPLETE ON DIFFERENT ASPECTS OF THE PROJECT, NOT AT END OF ALL CONSTRUCTION ACTIVITIES FOR ENTIRE SITE.
2. ALL TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED FROM SITE AT COMPLETION OF PROJECT OR WHEN CONTRIBUTING DRAINAGE AREA ACHIEVES FINAL STABILIZATION. STORM DRAIN OUTLET PROTECTION TO REMAIN IN PERMANENT CONDITION. ALL OTHER EROSION CONTROL MEASURES ON THIS SHEET ARE TEMPORARY.

MAP SYMBOL	CODE	PRACTICE	CALLOUT(S)
	Co	CONSTRUCTION EXIT	01 C3.40
	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	02 C3.40
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	05 C3.40
	Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	06 C3.40
	Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING)	01 C3.41
	Du	DUST CONTROL ON DISTURBED AREAS	04 C3.40

NRCS SOILS TYPE LEGEND

Ca	CARTECAY SILT LOAM, FREQUENTLY FLOODED
Tf	TOCCOA SANDY LOAM, 0 TO 2% SLOPES, FREQUENTLY FLOODED
Ud	URBAN LAND
PuE	PACOLET-URBAN LAND COMPLEX, 10 TO 25% SLOPES

DESIGNER GSWCC LEVEL II

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

Asato Masuyama
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000083860
ISSUED: 10/01/2021 EXPIRES: 10/01/2024

ASATO MASUYAMA, CERTIFIED DESIGN PROFESSIONAL

FLOODPLAIN NOTE:
THIS SITE IS LOCATED WITHIN A ZONE AS DEFINED BY FIRM COMMUNITY PANEL NUMBER 13089C0012K FOR CITY OF BROOKHAVEN, DEKALB COUNTY, GEORGIA (AUGUST 15, 2019).

PHASE III EROSION CONTROL NOTE:
ALL EROSION CONTROL MEASURES TO BE INSTALLED PER 2016 GREEN BOOK. CONTRACTOR TO REMOVE SILT FENCE AFTER ALL SOIL IS STABILIZED AND AFTER ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

CONSTRUCTION ADDRESS:
MURPHEY CANDLER PARK
1551 WEST NANCY CREEK DR
ATLANTA, GA 30319

PRIMARY PERMITTEE / OWNER CONTACT:
BRIAN BORDEN
CITY OF BROOKHAVEN
3360 OSBORNE ROAD
BROOKHAVEN, GA 30319
PHONE: 404.637.0562

24-HR. EMERGENCY CONTACT:
BRIAN BORDEN - 404.637.0562
BRIAN.BORDEN@BROOKHAVENGA.GOV

EXISTING USE: MUNICIPAL PARK
PROPOSED USE: MUNICIPAL PARK

TOTAL PROJECT AREA: ± 1,602,679-SF, ± 36.79-AC
TOTAL DISTURBED AREA: ± 131,546-SF, ± 3.02-AC

LAYOUT NOTES:

- SEE SHEET C0.01 FOR GENERAL NOTES.
- SEE ARCHITECTURAL SHEETS FOR BUILDING.
- INSTALL JOINTS WHERE SHOWN TO ALIGN TO WALLS, BUILDINGS, RADII, ETC. EVENLY SPACE BETWEEN ELEMENTS AS SHOWN. PROVIDE EXPANSION JOINTS BETWEEN CONCRETE PAVEMENT AND VERTICAL ELEMENTS (WALL, CURBS, ETC.). ALL JOINTS TO BE STRAIGHT AND TRUE.
- LAYOUT ALL CURVES SMOOTHLY WITH NO ABRUPT CHANGES AT TANGENT POINTS.
- ALL CURBS ARE DIMENSIONED TO THE FACE OF CURB.
- CONTRACTOR TO TAKE ALL PRECAUTIONS TO FIND AND AVOID SITE UTILITIES. ALL UTILITIES ARE NOT SHOWN ON DRAWING. VERIFY LOCATIONS AND CONSIDER SUCH WHEN ESTIMATING.
- ALL PAVEMENT MARKING AND TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
- ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED.
- ALL RADII ARE 5' UNLESS OTHERWISE NOTED.

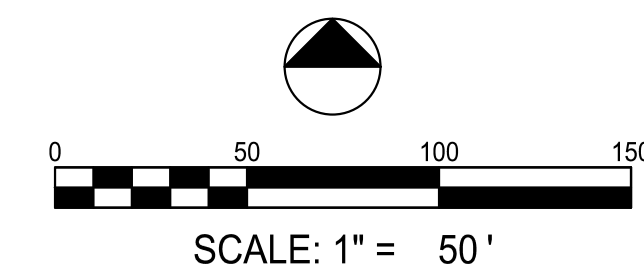
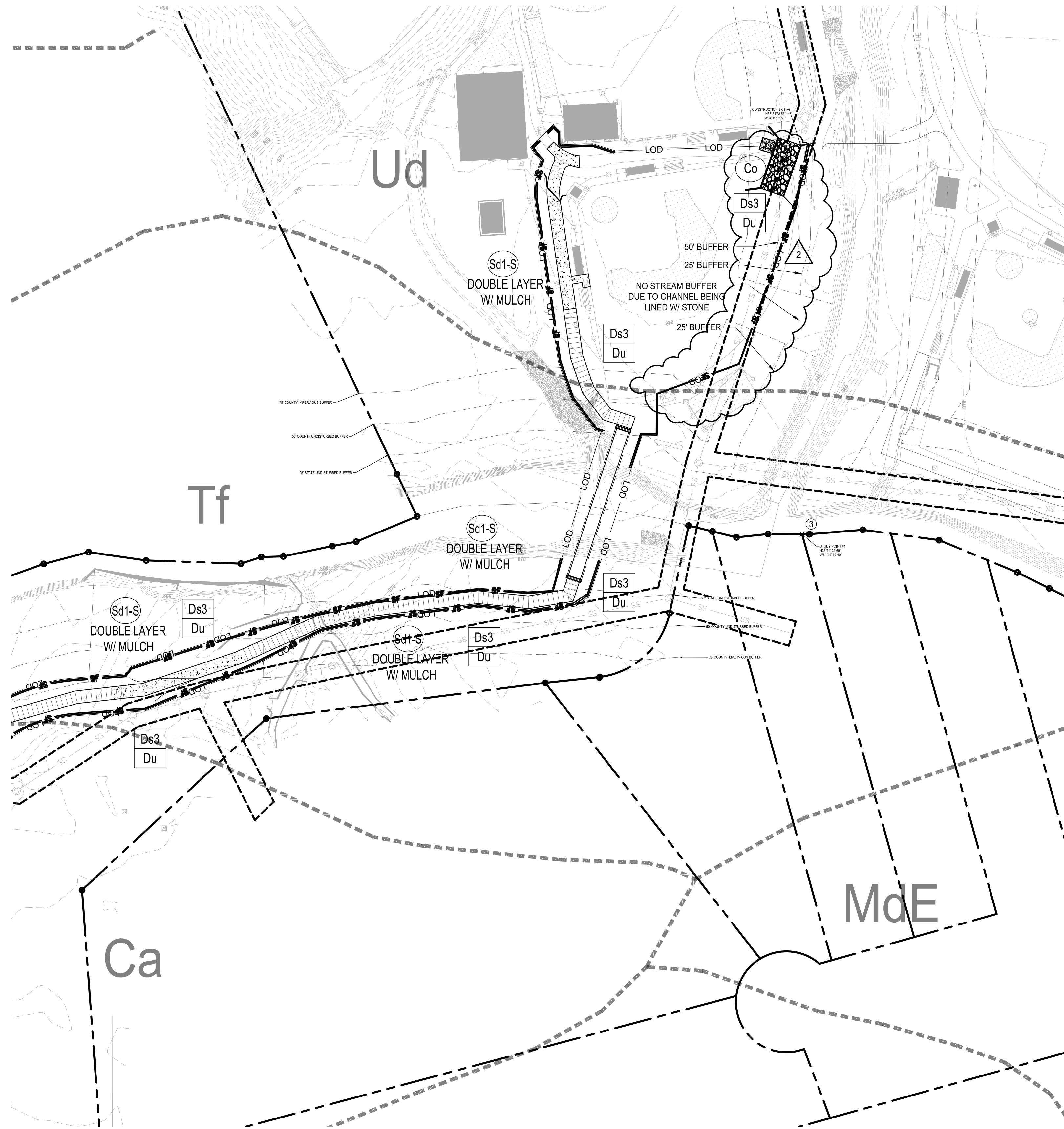
SEEDING NOTE THIS CONTRACT:

NOTE: IF AREAS ARE NOT TO BE PLANTED WITH OTHER MATERIAL (SEE LANDSCAPE PLANS) SEED TO BE BERMUDA GRASS @ 75 LBS/AC. IF SEEDING OCCURS OCT. - FEB., USE TEMPORARY SEEDING OF ANNUAL RYEGRASS @ 49 LBS/AC. TO BE FOLLOWED WITH BERMUDA MAR. - SEPT. APPLY STRAW MULCH, LIME, & FERTILIZER AS FOLLOWS.

Ds2 SEED ALL DISTURBED AREAS (BOTH THOSE FROM PREVIOUS GRADING OPERATIONS, AND DISTURBANCES DURING THIS CONTRACT) NOT RECEIVING SPRIGGING OR SODDING (SEE LANDSCAPE PLANS) AS A PART OF THIS CONTRACT. THESE AREAS INCLUDE OPEN AREAS, DETENTION BASINS, AREAS OF FUTURE PAVING, PARKING LOTS, & ROADS. SEED SPECIES DEPEND UPON DATE OF COMPLETION.

Ds3 UNIFORMLY SPREAD AGRICULTURAL LIME ON THE GROUND AT THE APPROXIMATE RATE DETERMINED BY THE LABORATORY SOIL TEST. UNIFORMLY SPREAD THE FERTILIZER SELECTED OVER THE GROUND AT APPROXIMATELY 1,200 LBS/ACRE (1350 KG/HA), IF USING A HIGHER ANALYSIS FERTILIZER WITH HYDROSEEDING, APPLY IT AT THE SAME RATE PER ACRE (HECTARE) AS THE STANDARD FERTILIZER. EVENLY APPLY STRAW MULCH IMMEDIATELY AFTER SEEDING BETWEEN 3/4 IN AND 1-1/2 IN (20 MM AND 40 MM) DEEP, ACCORDING TO THE TEXTURE AND MOISTURE CONTENT OF THE MULCH MATERIAL. MULCH SHALL ALLOW SUNLIGHT TO PENETRATE AND AIR TO CIRCULATE AS WELL AS SHADE THE GROUND, REDUCE EROSION, AND CONSERVE SOIL MOISTURE.

- THERE ARE DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE
- AN UNNAMED TRIBUTARY OF NANCY CREEK IS THE RECEIVING WATERS FOR THIS SITE
- THE SITE IS LOCATED WITHIN 1-MILE FROM AN IMPAIRED STREAM SEGMENT



**FINAL PHASE
EROSION CONTROL NOTES**

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE FINAL EROSION CONTROL PHASE OF CONSTRUCTION:

MAINTAIN FULL COORDINATION WITH THE DESIGN PROFESSIONAL, CONTRACTOR AND REGULATORY INSPECTOR AT ALL TIMES REGARDING PROJECT SEQUENCE.

SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF GREATER THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.

THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENT PONDS AND EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE HALF-WAY POINT ON THE RISER.

AFTER CURBING, GRADED AGGREGATE BASE, AND PAVEMENT HAVE BEEN INSTALLED, ALL INLET SEDIMENT TRAPS ON SINGLE AND DOUBLE WING CATCH BASINS ALONG WITH ANY CURB INLETS SHALL BE REMOVED AND REPLACED WITH CURB FILTER INLET PROTECTION. SEE SEPARATE DETAIL FOR ADDITIONAL INFORMATION.

ALL ROADWAY AND PARKING SHOULDERS SHOULD BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED BEHIND CURBS.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE-HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AS DIRECTED BY THE ON-SITE INSPECTOR OR THE CIVIL ENGINEER.

ALL TEMPORARY SEDIMENT BASINS SHALL BE REMOVED WHEN THE DEVELOPMENT IS COMPLETE AND ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH PERMANENT VEGETATION.

FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES DUE TO CONSTRUCTION ACTIVITY BY OTHERS.

ERODED VEGETATED SLOPES WILL BE BACKFILLED, SMOOTHED, SEEDING OR GRASSED AND COVERED WITH GEOTEXTILE MATTING.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

UPON COMPLETION OF THE PROJECT AND RECEIPT OF CERTIFICATE OF OCCUPANCY, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF THEM UNLESS NOTED ON PLANS.

STREAM BUFFER KEY

- 25' BUFFER
- 50' BUFFER

**LOSE
DESIGN**
SPACES FOR LIFE.

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GEORGIA
 BROOKHAVEN
 MURPHEY CANDLER TRAIL - SOUTH
 SITE DEVELOPMENT PLAN

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
1	09-09-2022	PERMIT REVISIONS
2	05-15-2023	SEGMENT OF TRAIL OMITTED

PERMIT DRAWINGS

SHEET TITLE
ESPC FINAL PHASE

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY AM	SCALE 1"=50'
CHECKED BY	
SHEET NO.	

C3.31
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
1	11/15/2022	COUNTY PERMIT COMMENTS
2	04/15/2023	SEGMENT OF TRAIL OMITTED
3	05/25/2023	PER CITY REVIEW (05/24/2023)

PERMIT DRAWINGS

SHEET TITLE

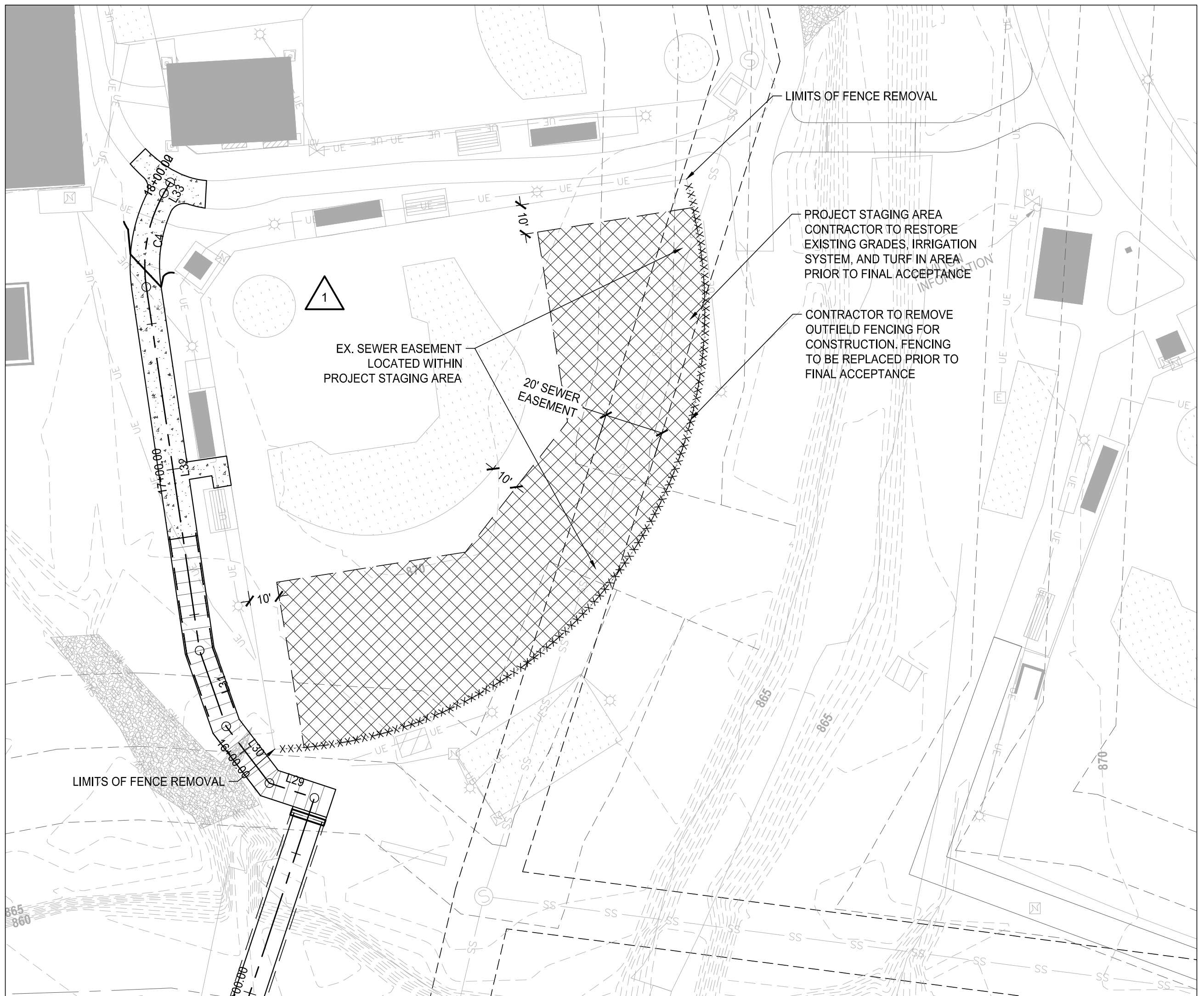
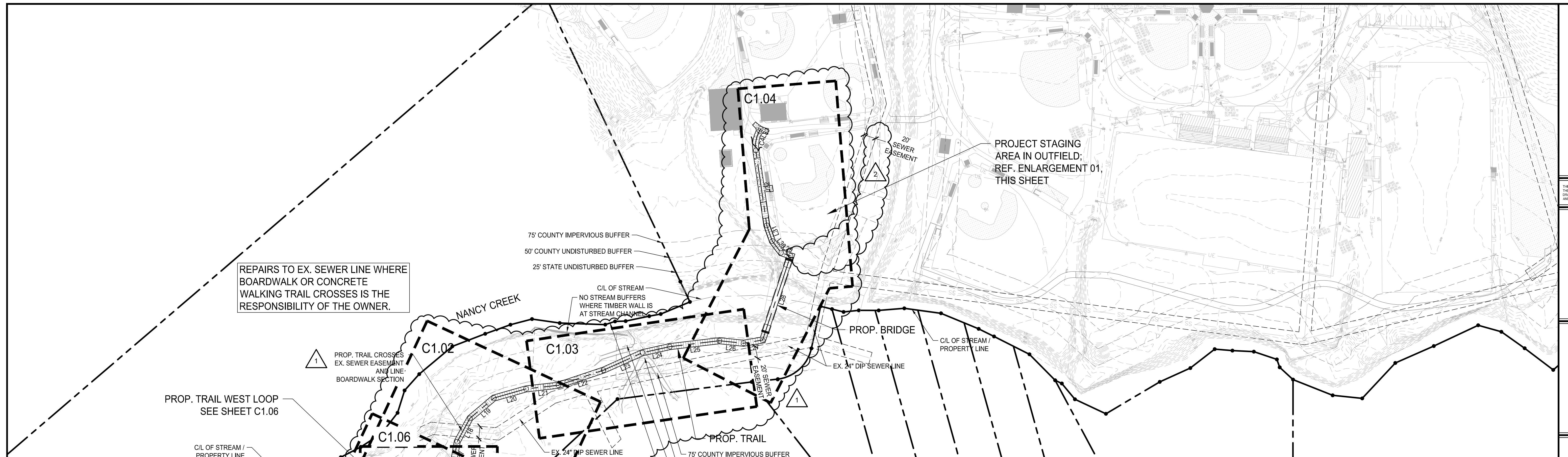
LAYOUT PLAN KEY

PROJECT NO.	DATE
21031	07/01/2022
DRAWN BY	SCALE
MTC	1" = 80'
CHECKED BY	
DMY	
SHEET NO.	

C1.00

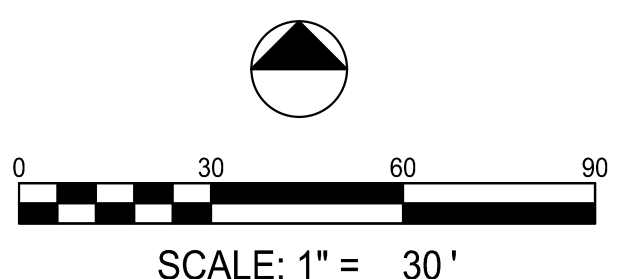
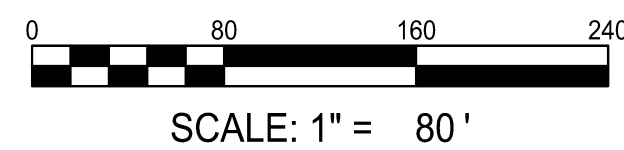
APPROVED PLAN 09/20/2023

Permit # LDP22-00012



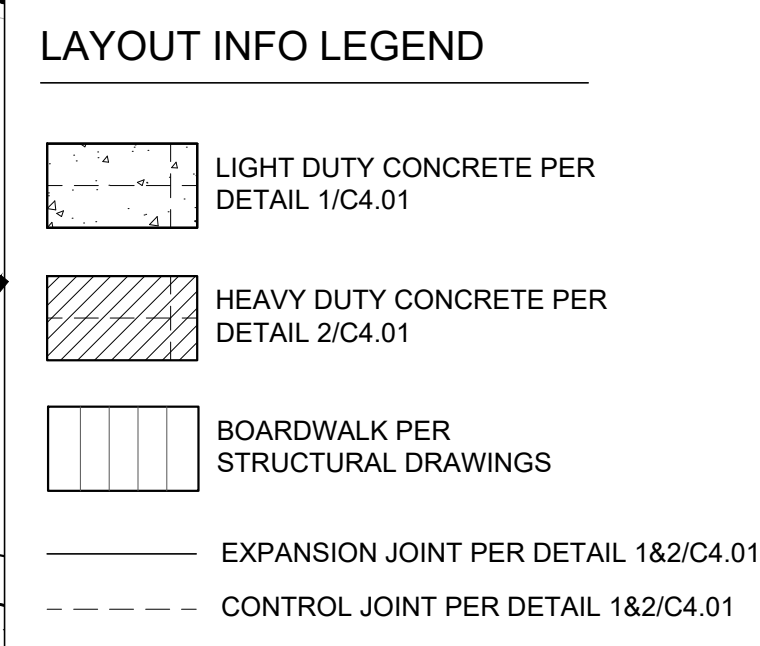
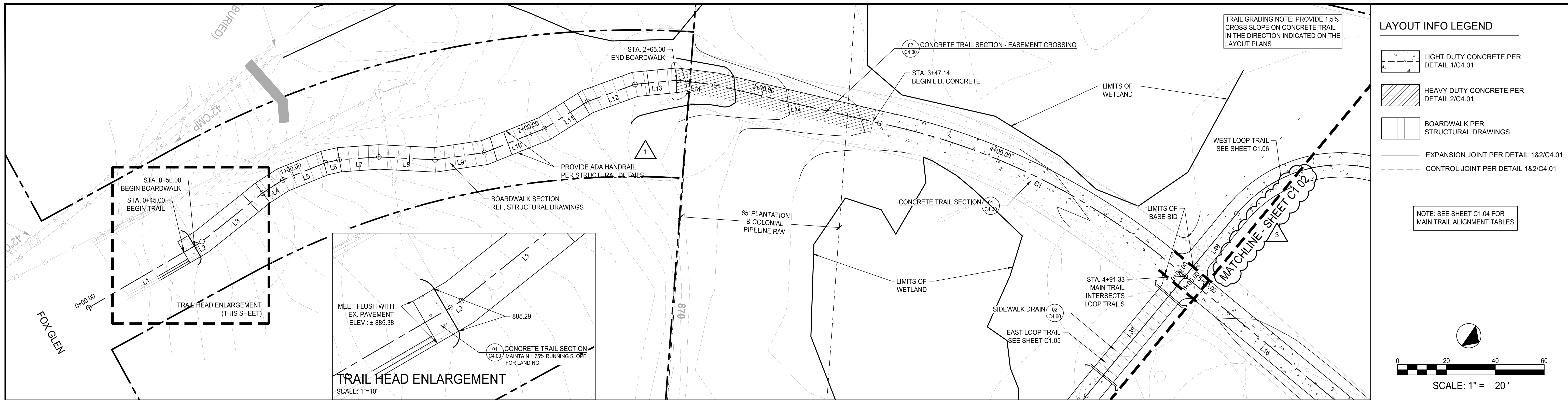
LAYOUT NOTES:

- SEE SHEET C0.01 FOR GENERAL NOTES.
- SEE ARCHITECTURAL SHEETS FOR BUILDING.
- INSTALL JOINTS WHERE SHOWN TO ALIGN TO WALLS, BUILDINGS, RADII, ETC. EVENLY SPACE BETWEEN ELEMENTS AS SHOWN. PROVIDE EXPANSION JOINTS BETWEEN CONCRETE PAVEMENT AND VERTICAL ELEMENTS (WALL, CURBS, ETC.). ALL JOINTS TO BE STRAIGHT AND TRUE.
- LAYOUT ALL CURVES SMOOTHLY WITH NO ABRUPT CHANGES AT TANGENT POINTS.
- ALL CURBS ARE DIMENSIONED TO THE FACE OF CURB.
- CONTRACTOR TO TAKE ALL PRECAUTIONS TO FIND AND AVOID SITE UTILITIES. ALL UTILITIES ARE NOT SHOWN ON DRAWING. VERIFY LOCATIONS AND CONSIDER SUCH WHEN ESTIMATING.
- ALL PAVEMENT MARKING AND TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
- ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED.
- ALL RADII ARE 5' UNLESS OTHERWISE NOTED.

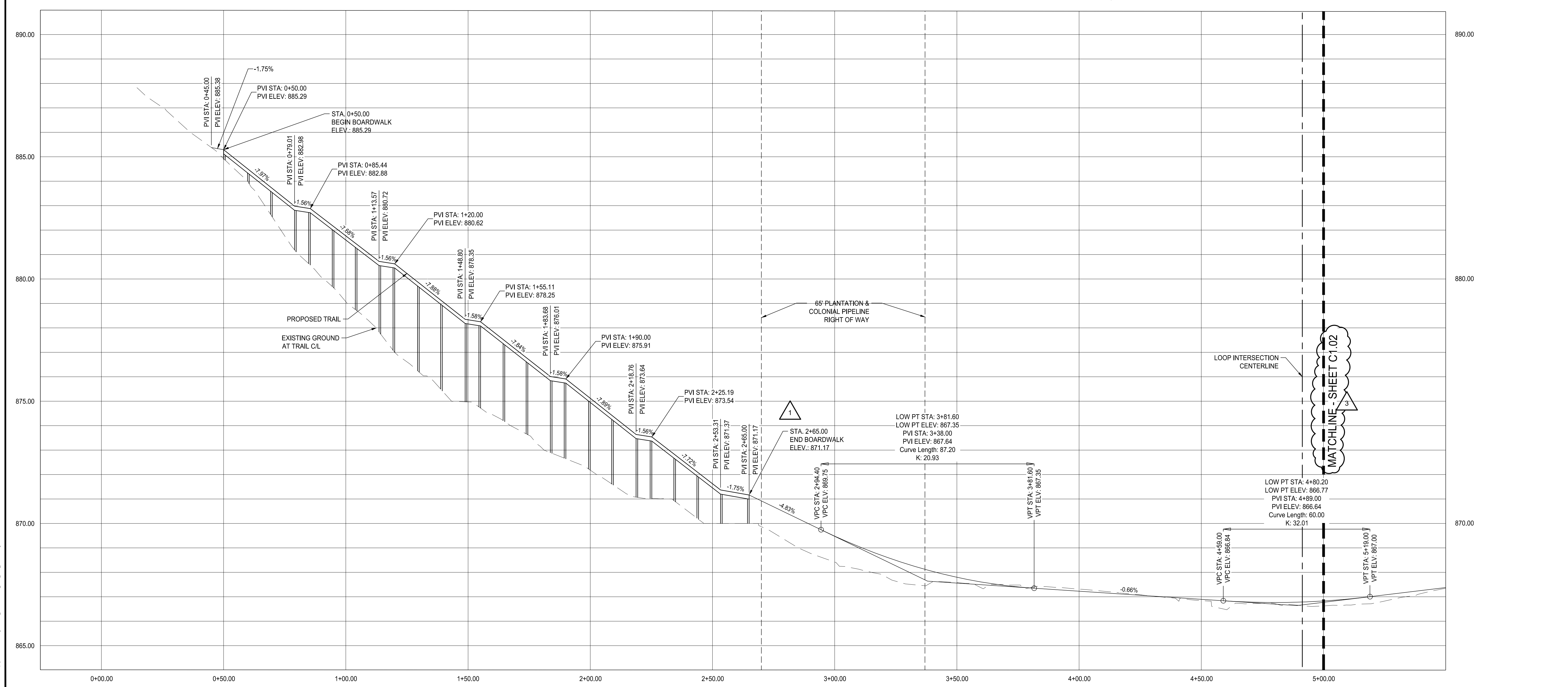
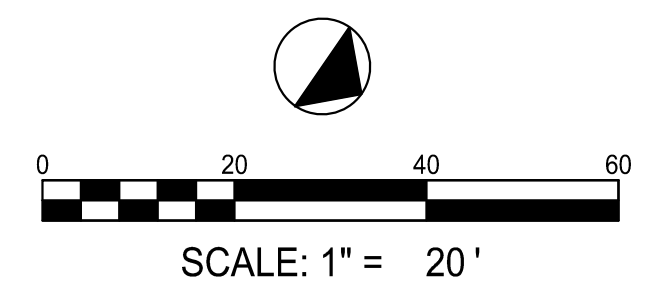


0120230203 Brookhaven, GA Murphey Candler Trail Site Development Plan 09/20/2023 11:13:15 AM

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NOTE: SEE SHEET C1.04 FOR MAIN TRAIL ALIGNMENT TABLES



MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

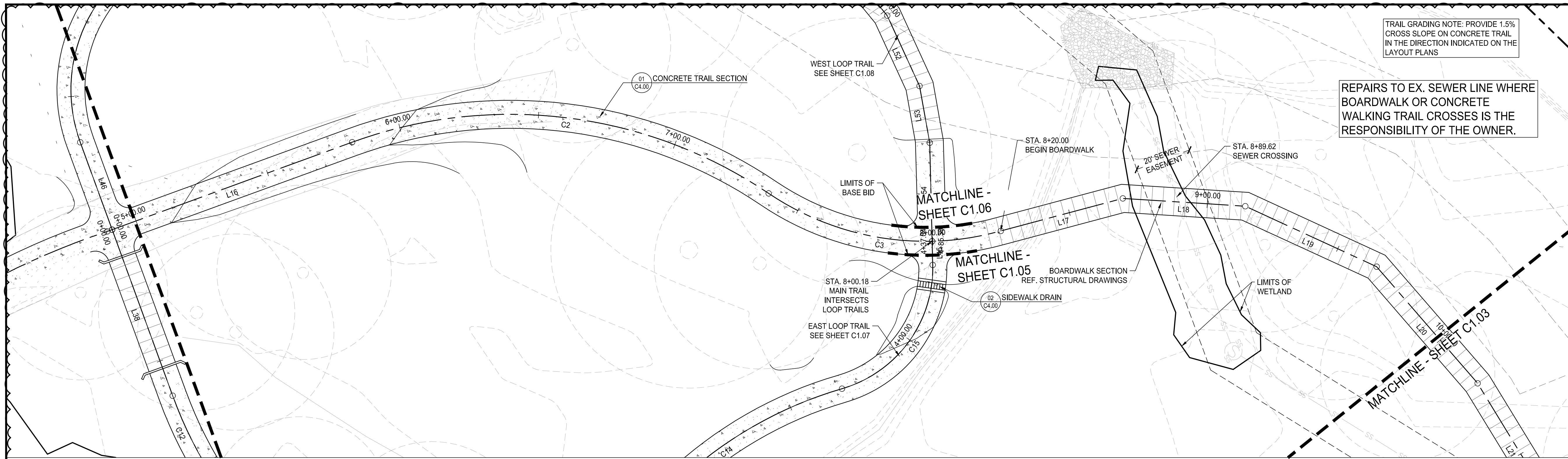
CITY OF BROOKHAVEN

NO.	DATE	DESCRIPTION
1	09/09/2022	PERMIT REVISIONS
2	05/25/2023	PER CITY REVIEW (05/24/2023)

PERMIT DRAWINGS	
SHEET TITLE	
PLAN & PROFILE	
PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE 1" = 20'
CHECKED BY DMY	
SHEET NO.	

C1.01
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

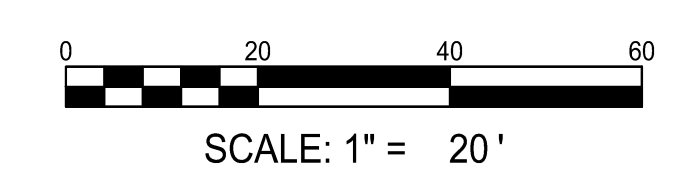
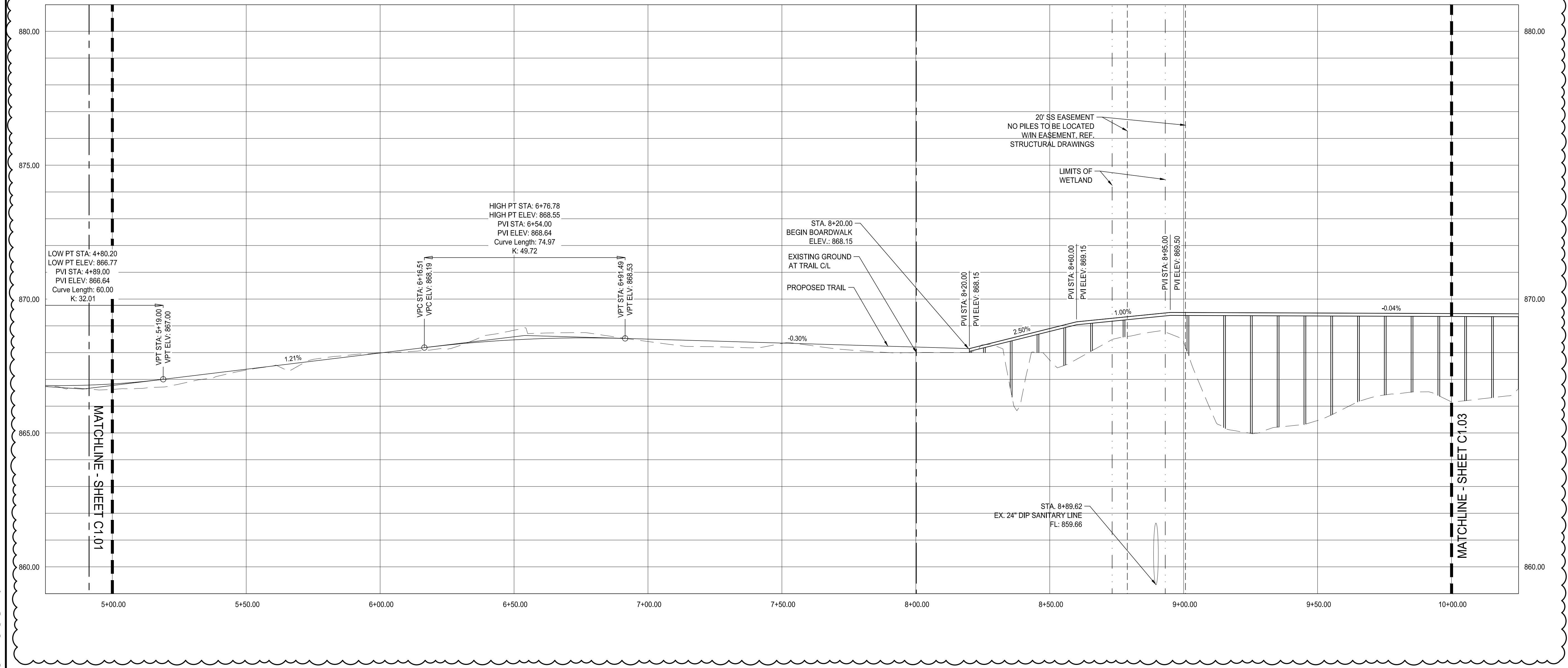
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LAYOUT INFO LEGEND

- [Symbol] LIGHT DUTY CONCRETE PER DETAIL 1/C4.01
- [Symbol] HEAVY DUTY CONCRETE PER DETAIL 2/C4.01
- [Symbol] BOARDWALK PER STRUCTURAL DRAWINGS
- [Symbol] EXPANSION JOINT PER DETAIL 1&2/C4.01
- [Symbol] CONTROL JOINT PER DETAIL 1&2/C4.01

NOTE: SEE SHEET C1.04 FOR MAIN TRAIL ALIGNMENT TABLES



MURPEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

GEORGIA

CITY OF BROOKHAVEN

BROOKHAVEN

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
1	11.15.2022	COUNTY PERMIT REVISIONS
3	05.25.2023	PER CITY REVIEW (5/24/2023)
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

SHEET TITLE

PLAN & PROFILE

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY	SCALE 1"=20'
CHECKED BY	
SHEET NO.	

0:20/2023/2023 Brookhaven, GA Murpey Candler Park Design/Consult, LLC SHEET C1.02 OF 01 DATE 09/20/2023 11:39:19 AM

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MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

GEORGIA

CITY OF BROOKHAVEN

BROOKHAVEN

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION
1	11.15.2022	COUNTY PERMIT COMMENTS

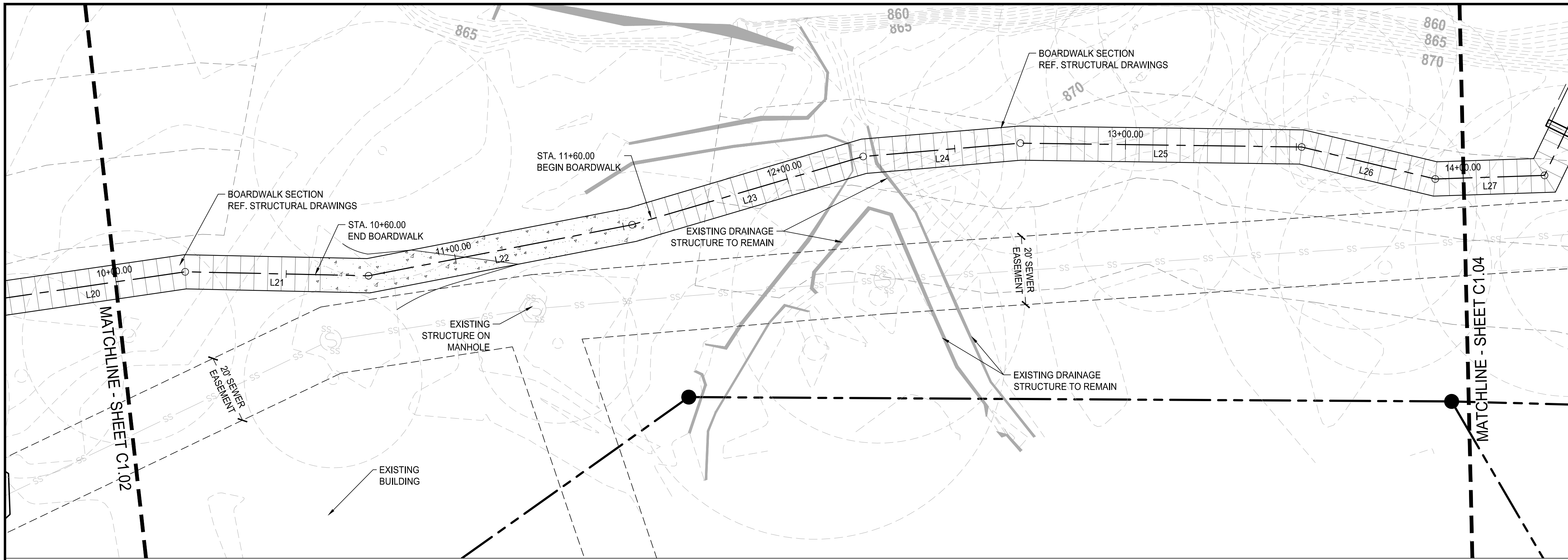
PERMIT DRAWINGS

SHEET TITLE

PLAN & PROFILE

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE 1" = 20'
CHECKED BY DMY	SHEET NO.

C1.03
APPROVED PLAN 09/20/2023
Permit # LDP22-00012



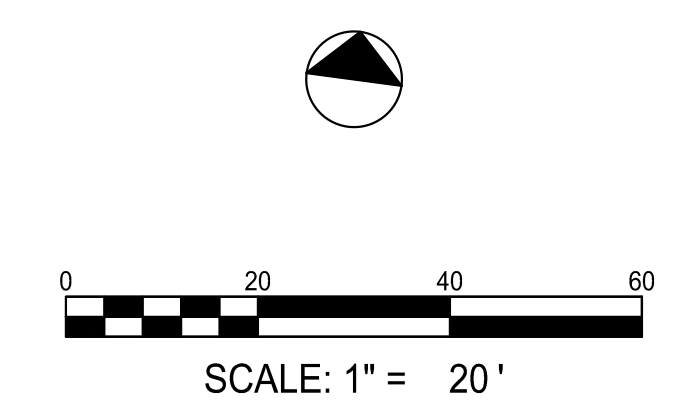
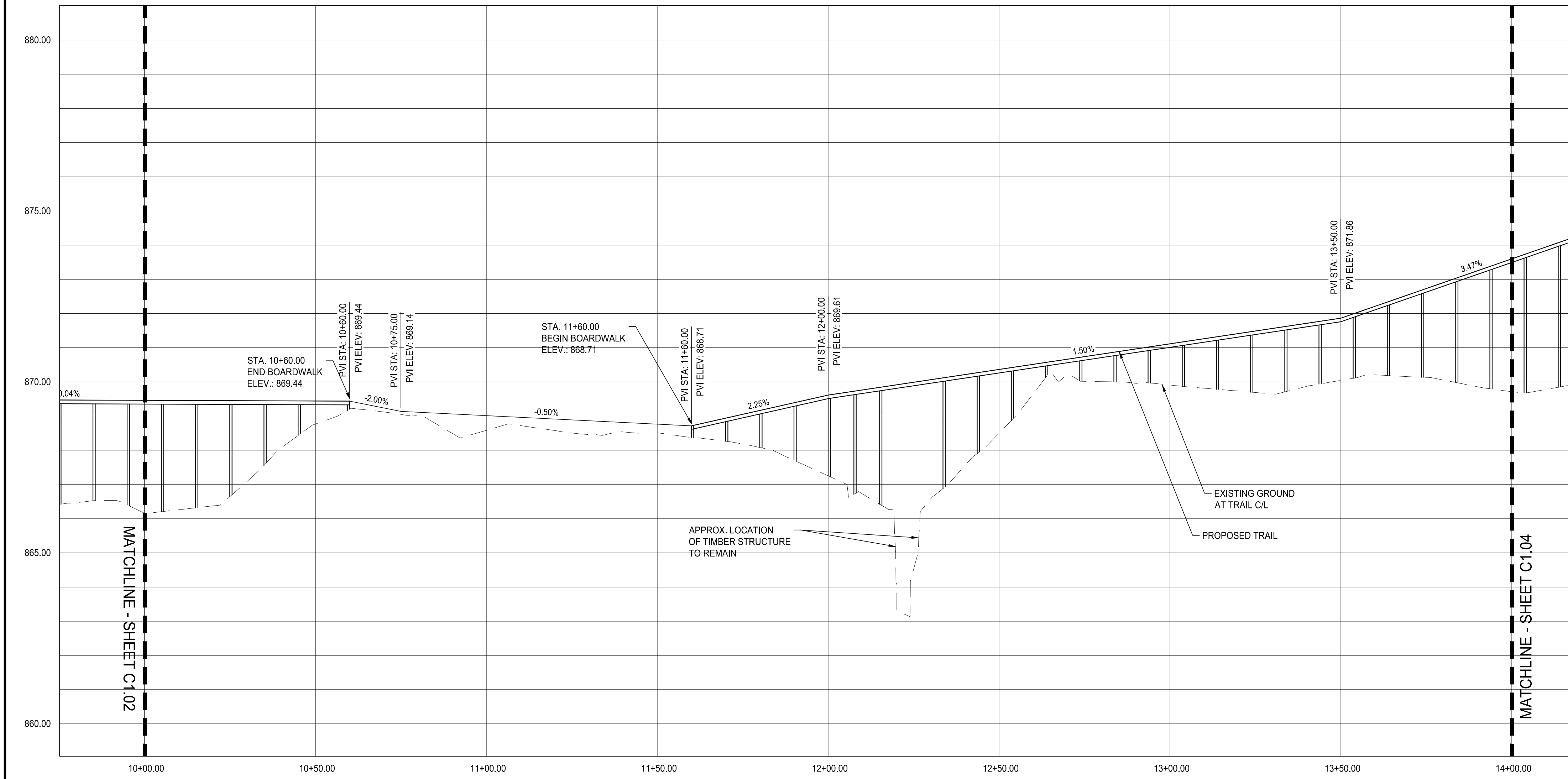
TRAIL GRADING NOTE: PROVIDE 1.5% CROSS SLOPE ON CONCRETE TRAIL IN THE DIRECTION INDICATED ON THE LAYOUT PLANS

REPAIRS TO EX. SEWER LINE WHERE BOARDWALK OR CONCRETE WALKING TRAIL CROSSES IS THE RESPONSIBILITY OF THE OWNER.

LAYOUT INFO LEGEND

- LIGHT DUTY CONCRETE PER DETAIL 1/C4.01
- HEAVY DUTY CONCRETE PER DETAIL 2/C4.01
- BOARDWALK PER STRUCTURAL DRAWINGS
- EXPANSION JOINT PER DETAIL 1&2/C4.01
- CONTROL JOINT PER DETAIL 1&2/C4.01

NOTE: SEE SHEET C1.04 FOR MAIN TRAIL ALIGNMENT TABLES



0:20/09/2023 Brookhaven, GA Murphey Candler Trail Boardwalk Plan.dwg - Sheet C1.03 - DATE: 09/20/2023 at 11:35:17 AM

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
1	11.15.2022	COUNTY PERMIT COMMENTS
2	05.15.2023	TRAIL PLAN PROFILE VIEW CHANGED
3	05.20.2023	PER CITY REVIEW 05.24.2023

PERMIT DRAWINGS

SHEET TITLE

PLAN & PROFILE

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE 1" = 20'
CHECKED BY DMY	
SHEET NO.	

C1.04
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

TRAIL GRADING NOTE: PROVIDE 1.5% CROSS SLOPE ON CONCRETE TRAIL IN THE DIRECTION INDICATED ON THE LAYOUT PLANS

REPAIRS TO EX. SEWER LINE WHERE BOARDWALK OR CONCRETE WALKING TRAIL CROSSES IS THE RESPONSIBILITY OF THE OWNER.

LAYOUT INFO LEGEND

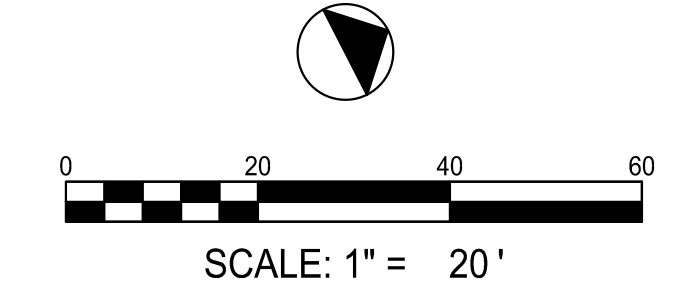
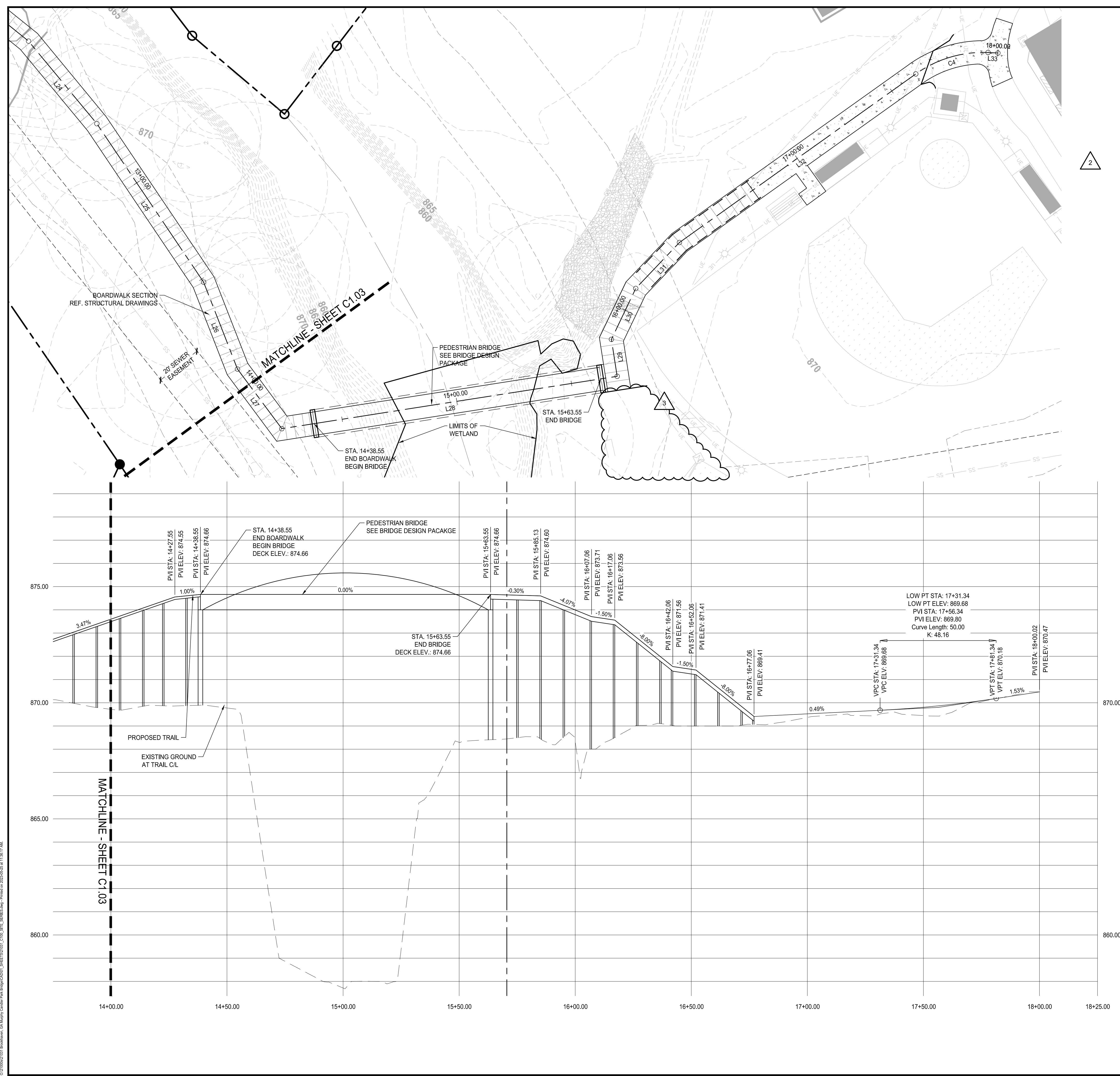
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- BOARDWALK PER STRUCTURAL DRAWINGS
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- CONTROL JOINT PER DETAIL 1&2/C4.01

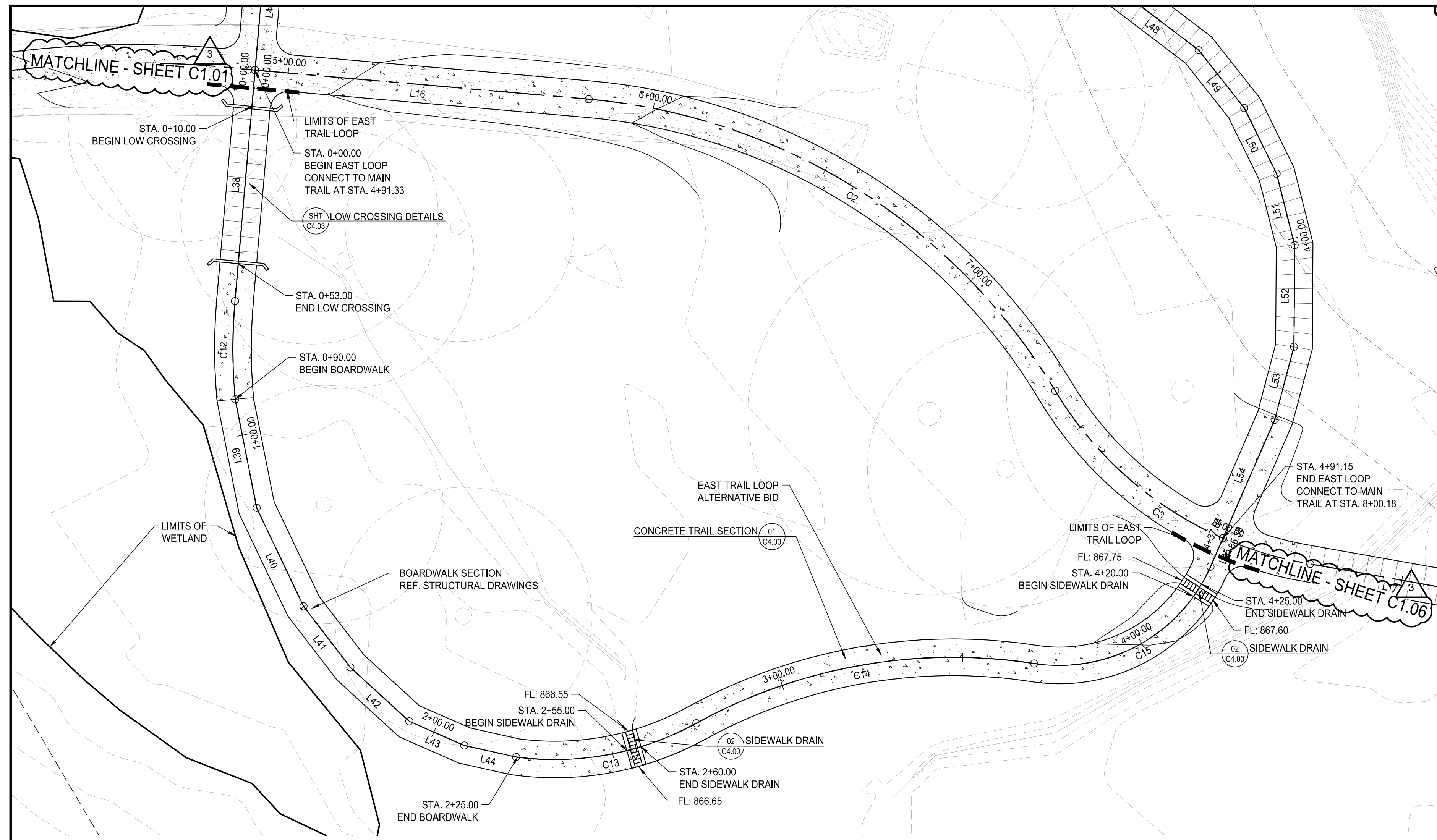
MAIN TRAIL ALIGNMENT TABLES

Line Table: Alignments				
Line #	Length	Direction	Start Point	End Point
L1	50.980	N64° 48' 39.29"W	(2247775.8097,1420397.2728)	(2247729.6777,1420418.9701)
L2	2.660	N66° 18' 46.52"W	(2247729.6777,1420418.9701)	(2247727.2422,1420420.0386)
L3	31.683	N73° 17' 09.25"W	(2247727.2422,1420420.0386)	(2247696.8980,1420429.1504)
L4	9.914	N67° 24' 20.65"W	(2247696.8980,1420429.1504)	(2247687.7447,1420432.9595)
L5	18.828	N56° 39' 23.90"W	(2247687.7447,1420432.9595)	(2247672.0156,1420443.3086)
L6	5.654	N46° 36' 27.65"W	(2247672.0156,1420443.3086)	(2247667.9070,1420447.1929)
L7	16.349	N38° 43' 00.55"W	(2247667.9070,1420447.1929)	(2247657.6812,1420459.9490)
L8	22.988	N31° 35' 56.78"W	(2247657.6812,1420459.9490)	(2247645.6359,1420479.5291)
L9	20.529	N42° 54' 31.97"W	(2247645.6359,1420479.5291)	(2247631.6594,1420494.5650)
L10	26.319	N56° 25' 37.28"W	(2247631.6594,1420494.5650)	(2247609.7308,1420509.1194)
L11	20.892	N66° 41' 04.87"W	(2247609.7308,1420509.1194)	(2247590.5450,1420517.3882)
L12	20.635	N54° 33' 11.26"W	(2247590.5450,1420517.3882)	(2247573.7349,1420529.3552)
L13	17.738	N40° 07' 47.24"W	(2247573.7349,1420529.3552)	(2247562.3026,1420542.9172)
L14	15.140	N27° 10' 27.40"W	(2247562.3026,1420542.9172)	(2247555.3883,1420556.3859)
L15	69.264	N21° 30' 58.95"W	(2247555.3883,1420556.3859)	(2247529.9845,1420620.8232)
L16	93.134	N04° 58' 22.88"E	(2247510.4700,1420757.3801)	(2247518.5434,1420850.1633)
L17	45.125	N10° 03' 52.64"E	(2247645.2634,1421046.8707)	(2247653.1494,1421091.3013)
L18	43.854	N28° 38' 26.85"E	(2247653.1494,1421091.3013)	(2247674.1696,1421129.7898)
L19	51.891	N49° 43' 45.29"E	(2247674.1696,1421129.7898)	(2247713.6094,1421163.2026)
L20	55.140	N74° 07' 20.09"E	(2247713.6094,1421163.2026)	(2247766.6458,1421178.2882)

Line Table: Alignments				
Line #	Length	Direction	Start Point	End Point
L21	53.657	N83° 37' 41.80"E	(2247766.6458,1421178.2882)	(2247819.9709,1421184.2429)
L22	78.556	N71° 27' 10.45"E	(2247819.9709,1421184.2429)	(2247894.4470,1421209.2303)
L23	70.445	N65° 56' 30.95"E	(2247894.4470,1421209.2303)	(2247958.7722,1421237.9479)
L24	46.162	N77° 32' 21.28"E	(2247958.7722,1421237.9479)	(2248003.8467,1421247.9083)
L25	82.297	N83° 11' 05.32"E	(2248003.8467,1421247.9083)	(2248085.5625,1421257.6743)
L26	40.177	S84° 09' 02.94"E	(2248085.5625,1421257.6743)	(2248125.5305,1421253.5798)
L27	31.991	N80° 30' 13.47"E	(2248125.5305,1421253.5798)	(2248157.0827,1421258.8577)
L28	146.214	N18° 16' 44.56"E	(2248157.0827,1421258.8577)	(2248202.9419,1421397.6935)
L29	16.111	N71° 43' 15.52"W	(2248202.9419,1421397.6935)	(2248187.8443,1421402.7464)
L30	24.278	N37° 17' 33.20"W	(2248187.8443,1421402.7464)	(2248172.9347,1421422.0608)
L31	27.325	N19° 17' 41.12"W	(2248172.9347,1421422.0608)	(2248163.9059,1421447.8506)
L32	125.039	N08° 20' 03.31"W	(2248163.9059,1421447.8506)	(2248145.7818,1421571.5686)
L33	4.251	N30° 14' 22.56"E	(2248151.7724,1421603.4903)	(2248153.9133,1421607.1628)

Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	270.000	139.490	N08° 07' 57.79"W	(2247529.9845,1420620.8232)	(2247510.4700,1420757.3801)
C2	165.000	155.697	N32° 00' 20.26"E	(2247518.5434,1420850.1633)	(2247598.0354,1420977.3492)
C3	100.002	86.740	N34° 11' 21.98"E	(2247598.0354,1420977.3492)	(2247645.2634,1421046.8707)
C4	50.000	33.079	N10° 37' 43.72"E	(2248145.7818,1421571.5686)	(2248151.7724,1421603.4903)





EAST TRAIL LOOP ALIGNMENT TABLES

Line Table: Alignments				
Line #	Length	Direction	Start Point	End Point
L38	63.221	S85° 01' 37.12"E	(2247510.6296,1420759.2141)	(2247573.6125,1420753.7336)
L39	30.167	N78° 49' 43.78"E	(2247600.3626,1420753.8003)	(2247629.9580,1420759.6449)
L40	29.718	N64° 32' 07.33"E	(2247629.9580,1420759.6449)	(2247656.7885,1420772.4221)
L41	21.002	N52° 31' 01.54"E	(2247656.7885,1420772.4221)	(2247673.4541,1420785.2021)
L42	21.771	N42° 30' 04.75"E	(2247673.4541,1420785.2021)	(2247688.1625,1420801.2528)
L43	16.377	N23° 42' 08.39"E	(2247688.1625,1420801.2528)	(2247694.7457,1420816.2481)
L44	14.500	N12° 34' 43.94"E	(2247694.7457,1420816.2481)	(2247697.9036,1420830.4000)
L45	8.490	N66° 24' 11.23"W	(2247646.0073,1421019.6720)	(2247638.2272,1421023.0705)

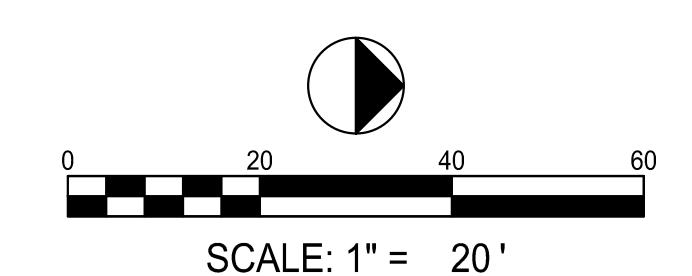
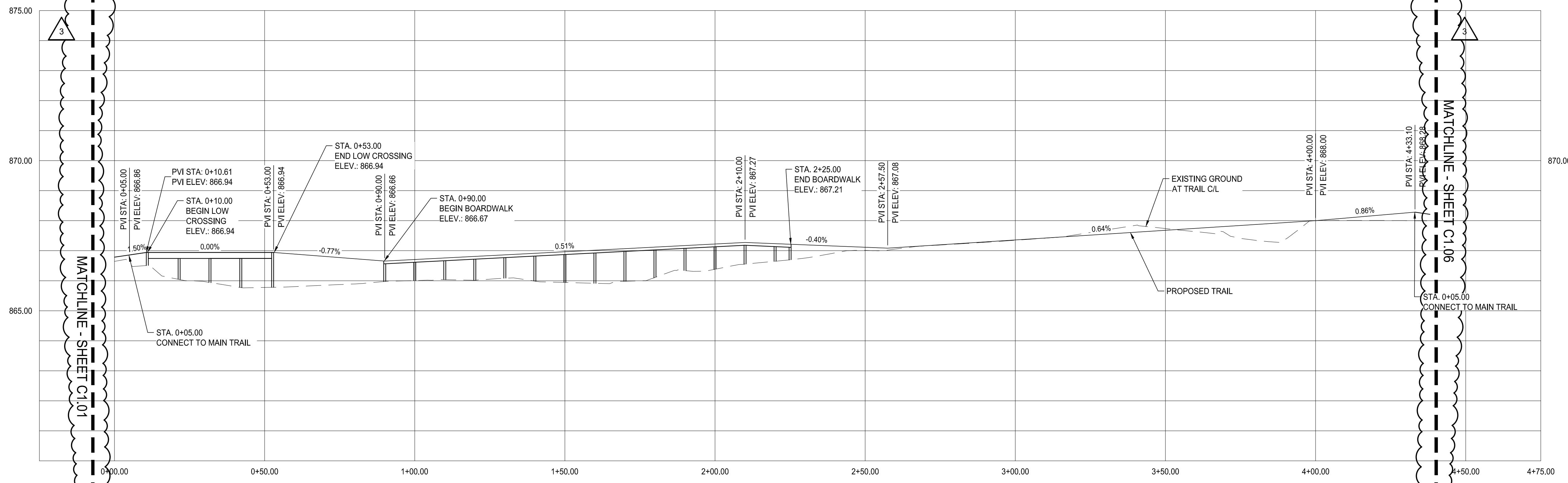
Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C12	150.372	26.786	N89° 51' 26.02"E	(2247573.6125,1420753.7336)	(2247600.3626,1420753.8003)
C13	79.827	50.817	N10° 37' 23.61"W	(2247697.9036,1420830.4000)	(2247688.6928,1420879.5073)
C14	145.000	95.218	N10° 01' 54.86"W	(2247688.6928,1420879.5073)	(2247672.4026,1420971.5935)
C15	45.000	58.979	N28° 46' 01.21"W	(2247672.4026,1420971.5935)	(2247646.0073,1421019.6720)

LAYOUT INFO LEGEND

- LIGHT DUTY CONCRETE PER DETAIL 1/C4.01
- HEAVY DUTY CONCRETE PER DETAIL 2/C4.01
- BOARDWALK PER STRUCTURAL DRAWINGS
- EXPANSION JOINT PER DETAIL 1&2/C4.01
- CONTROL JOINT PER DETAIL 1&2/C4.01



Profile View of EAST LOOP NEW



LOSE DESIGN
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MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

CITY OF BROOKHAVEN
BROOKHAVEN
GEORGIA

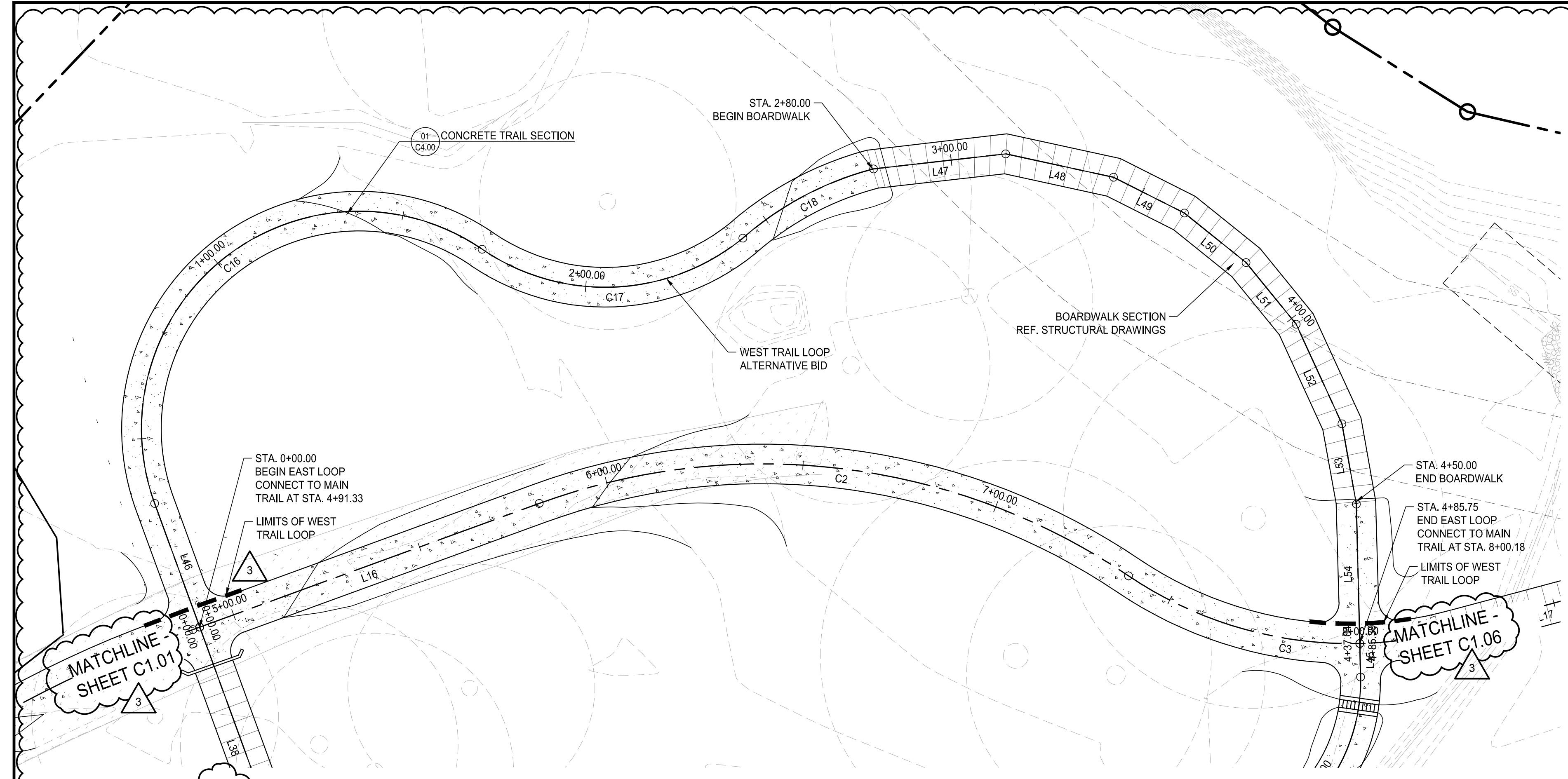
SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION
2	09/15	TRAIL PLAN PROFILE VIEW CHANGED
3	05/25/2023	PER CITY REVIEW 05/24/2023

PERMIT DRAWINGS
SHEET TITLE
PLAN & PROFILE

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE 1"=20'
CHECKED BY DMY	
SHEET NO.	

C1.05
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

0:2020042303 Brookhaven, GA Murphey Candler Trail Design/Drawn by: 2020/04/23 at 11:38:09 AM



EAST TRAIL LOOP ALIGNMENT TABLES

Line Table: Alignments				
Line #	Length	Direction	Start Point	End Point
L46	33.257	N85° 01' 37.12"W	(2247510.6296,1420759.2141)	(2247477.4980,1420762.0970)
L47	33.594	N18° 29' 48.72"E	(2247477.6448,1420962.4225)	(2247488.3025,1420994.2808)
L48	27.865	N37° 15' 59.64"E	(2247488.3025,1420994.2808)	(2247505.1751,1421016.4562)
L49	20.076	N51° 44' 28.42"E	(2247505.1751,1421016.4562)	(2247520.9389,1421028.8872)
L50	19.969	N63° 48' 12.38"E	(2247520.9389,1421028.8872)	(2247538.8566,1421037.7025)
L51	20.076	N75° 51' 56.35"E	(2247538.8566,1421037.7025)	(2247558.3244,1421042.6049)
L52	27.700	S89° 39' 34.83"E	(2247558.3244,1421042.6049)	(2247586.0241,1421042.4403)
L53	20.611	S75° 11' 05.94"E	(2247586.0241,1421042.4403)	(2247605.9495,1421037.1703)
L54	35.223	S66° 24' 11.23"E	(2247605.9495,1421037.1703)	(2247638.2272,1421023.0705)

Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C16	55.000	138.621	N12° 49' 25.30"W	(2247477.4980,1420762.0970)	(2247454.2516,1420864.2209)
C17	55.000	70.695	N22° 33' 23.72"E	(2247454.2516,1420864.2209)	(2247479.5413,1420925.1055)
C18	80.992	37.705	N02° 54' 33.80"W	(2247479.5413,1420925.1055)	(2247477.6448,1420962.4225)

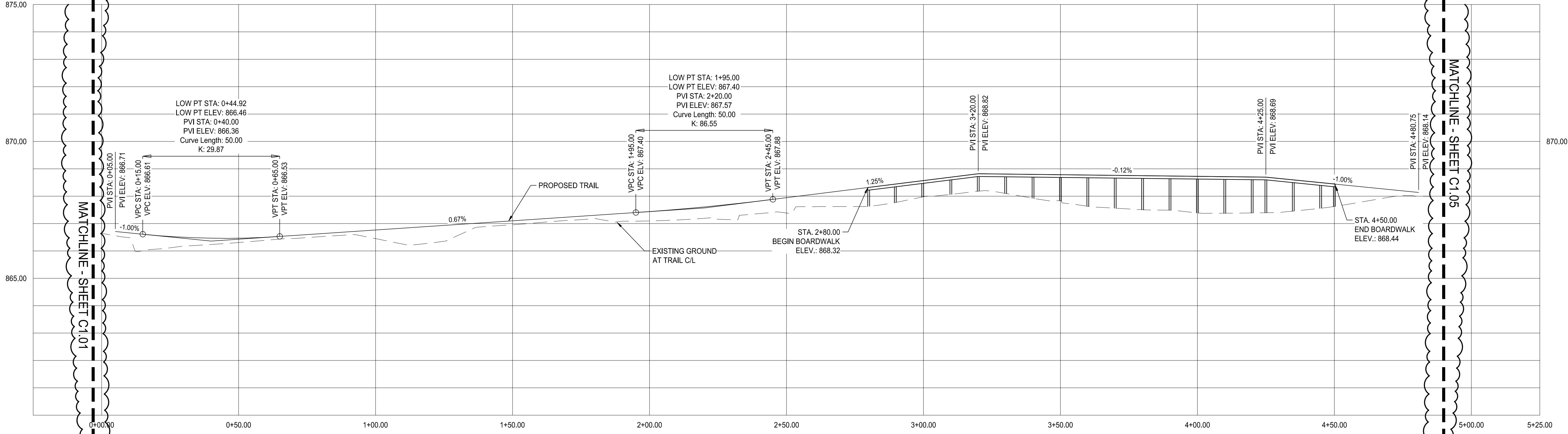
LAYOUT INFO LEGEND

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LOSE DESIGN
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Profile View of WEST LOOP NEW



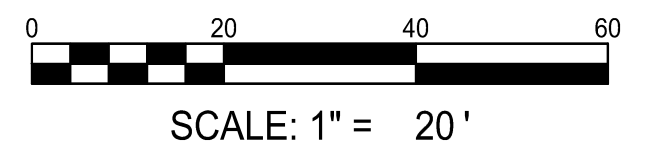
GEORGIA
 MURPHEY CANDLER TRAIL - SOUTH
 SITE DEVELOPMENT PLAN
 CITY OF BROOKHAVEN
 BROOKHAVEN

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
1	05/15/2023	TRAIL PLAN PROFILE VIEW CHANGED
2	05/25/2023	PER CITY REVIEW 05/24/2023

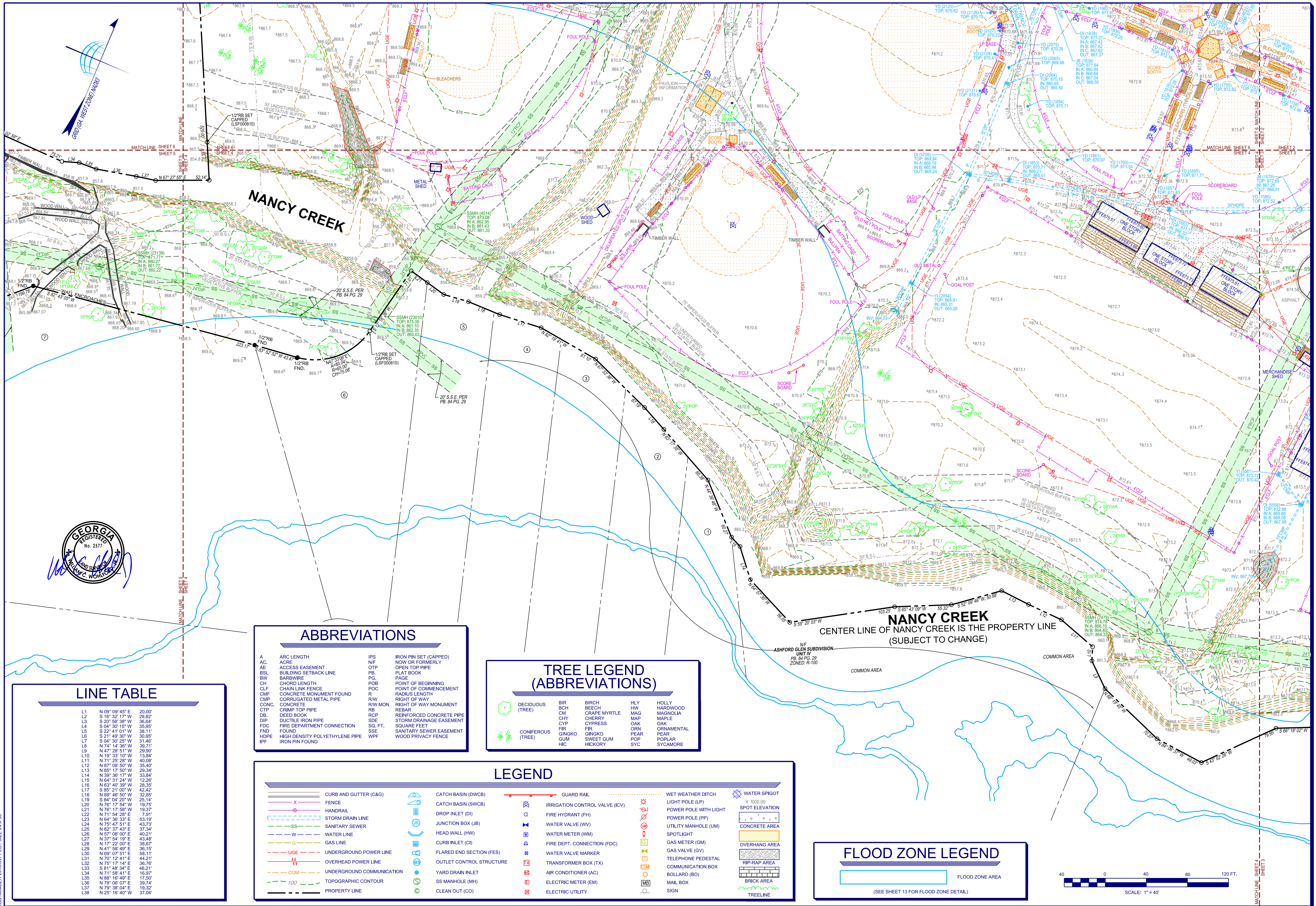
PERMIT DRAWINGS
SHEET TITLE
PLAN & PROFILE

PROJECT NO. 21031
DATE 07/01/2022
DRAWN BY MTC
SCALE 1"=20'
CHECKED BY DMV
SHEET NO.



C1.06
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

0:20:00 09/20/2023 Brookhaven, GA Murphey Candler Trail Site Development Plan (Permit) on 09/20/2023 at 11:37:37 AM



LINE TABLE

L1	N 09° 09' 45" E	20.00'
L2	S 18° 32' 17" W	28.82'
L3	S 20° 58' 38" W	36.64'
L4	S 04° 30' 15" W	35.95'
L5	S 22° 41' 01" W	38.11'
L6	S 21° 49' 30" W	30.95'
L7	S 04° 30' 25" W	31.46'
L8	N 74° 14' 36" W	35.71'
L9	N 47° 28' 51" W	29.90'
L10	N 19° 33' 10" W	13.84'
L11	N 71° 28' 28" W	40.08'
L12	N 87° 08' 50" W	35.40'
L13	N 85° 17' 50" W	25.34'
L14	N 39° 36' 17" W	33.84'
L15	N 64° 31' 24" W	12.26'
L16	N 63° 40' 39" W	28.35'
L17	S 85° 21' 00" W	42.42'
L18	N 89° 48' 50" W	32.85'
L19	S 84° 04' 20" W	25.14'
L20	N 76° 17' 54" W	19.75'
L21	N 76° 17' 54" W	19.37'
L22	N 71° 54' 28" E	7.91'
L23	N 64° 36' 33" E	53.19'
L24	N 75° 47' 51" W	43.73'
L25	N 62° 37' 43" E	37.34'
L26	N 57° 08' 00" E	40.21'
L27	N 37° 54' 19" E	43.48'
L28	N 17° 22' 00" E	38.67'
L29	N 41° 58' 49" E	36.15'
L30	N 89° 07' 51" E	68.11'
L31	N 70° 12' 41" E	44.21'
L32	N 75° 17' 14" W	46.70'
L33	S 81° 48' 34" E	36.70'
L34	N 71° 58' 41" E	16.97'
L35	N 86° 16' 49" E	17.50'
L36	N 78° 06' 07" E	39.74'
L37	N 79° 38' 04" E	19.32'
L38	N 25° 16' 40" W	37.04'

ABBREVIATIONS

A	ARC LENGTH	IPS	IRON PIN SET (CAPPED)
AC	ACRE	NIF	NOW OR FORMERLY
AE	ACCESS EASEMENT	OTP	OPEN TOP PIPE
BSL	BUILDING SETBACK LINE	PB	PLAT BOOK
BW	BARB WIRE	PD	PAGE
CH	CHORD LENGTH	PGB	POINT OF BEGINNING
CLF	CHAIN LINK FENCE	POC	POINT OF COMMENCEMENT
CMF	CONCRETE MONUMENT FOUND	R	RADIUS LENGTH
CMP	CORRUGATED METAL PIPE	RW	RIGHT OF WAY
CONC.	CONCRETE	RW MON	RIGHT OF WAY MONUMENT
CTP	CRIMP TOP PIPE	RB	REBAR
DB	DEED BOOK	RCP	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	SDE	STORM DRAINAGE EASEMENT
FDC	FIRE DEPARTMENT CONNECTION	SQ. FT.	SQUARE FEET
FND	FOUND	SSE	SANITARY SEWER EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE PIPE	WPF	WOOD PRIVACY FENCE
IPF	IRON PIN FOUND		

TREE LEGEND (ABBREVIATIONS)

DECIDUOUS (TREE)	BIR	BIRCH	HLY	HOLLY
	BCH	BEECH	HW	HARDWOOD
	CM	GRAPE MYRTLE	MAG	MAGNOLIA
	CHY	CHERRY	MAP	MAPLE
	CYP	CYPRESS	OAK	OAK
	FIR	FIR	ORN	ORNAMENTAL
	GNG	GINKGO	PEAR	PEAR
	GUM	SWEET GUM	POP	POPLAR
	HIC	HICKORY	SYC	SYCAMORE
CONIFEROUS (TREE)				

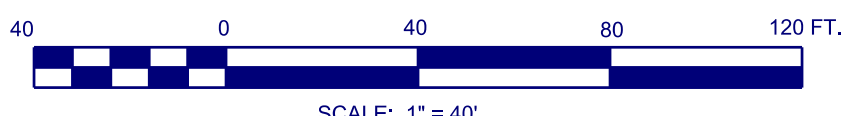
LEGEND

CURB AND GUTTER (C&G)	CATCH BASIN (DWCB)	GUARD RAIL	WET WEATHER DITCH	WATER SPIGOT
FENCE	CATCH BASIN (SWCB)	IRRIGATION CONTROL VALVE (ICV)	LIGHT POLE (LP)	X 1000.00
HANDRAIL	DROP INLET (DI)	FIRE HYDRANT (FH)	POWER POLE WITH LIGHT	SPOT ELEVATION
STORM DRAIN LINE	JUNCTION BOX (JB)	WATER VALVE (WV)	UTILITY MANHOLE (UM)	CONCRETE AREA
SANITARY SEWER	HEAD WALL (HW)	WATER METER (WM)	SPOTLIGHT	OVERHANG AREA
WATER LINE	CURB INLET (CI)	FIRE DEPT. CONNECTION (FDC)	GAS METER (GM)	RIP-RAP AREA
GAS LINE	FLARED END SECTION (FES)	WATER VALVE MARKER	GAS VALVE (GV)	BRICK AREA
UNDERGROUND POWER LINE	OUTLET CONTROL STRUCTURE	TRANSFORMER BOX (TX)	TELEPHONE PEDESTAL	TREELINE
OVERHEAD POWER LINE	YARD DRAIN INLET	AIR CONDITIONER (AC)	COMMUNICATION BOX	
UNDERGROUND COMMUNICATION	SS MANHOLE (MH)	ELECTRIC METER (EM)	BOLLARD (BO)	
TOPOGRAPHIC CONTOUR	CLEAN OUT (CO)	ELECTRIC UTILITY	MAIL BOX	
PROPERTY LINE			SIGN	

FLOOD ZONE LEGEND

FLOOD ZONE AREA

(SEE SHEET 13 FOR FLOOD ZONE DETAIL)



BOUNDARY AND TOPOGRAPHIC SURVEY FOR THE CITY OF BROOKHAVEN (MURPHEY CANDLER PARK) LOCATED IN LAND LOTS 326, 327 & 331, 18TH DISTRICT DEKALB COUNTY, GEORGIA

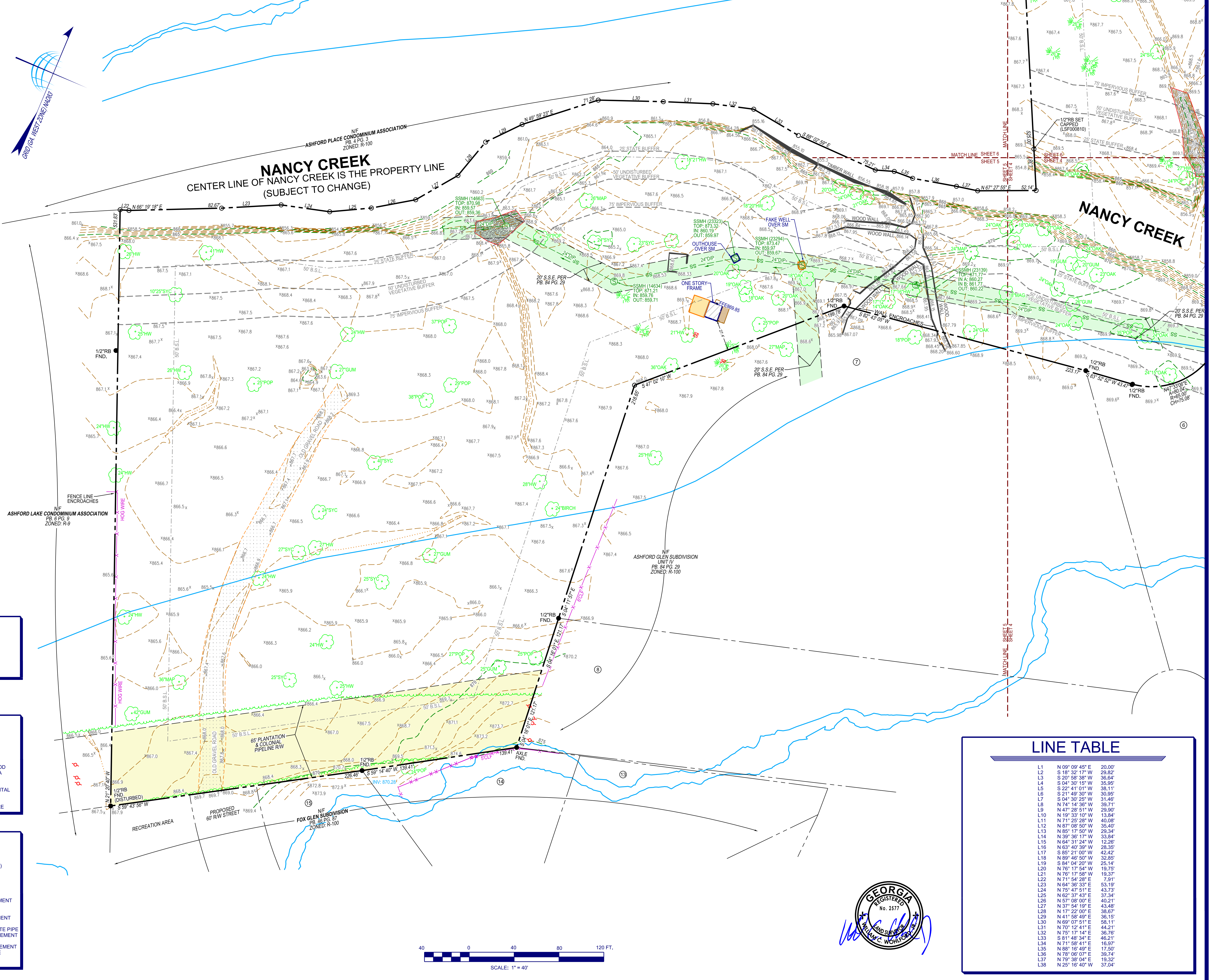
SHEET NO. 4/13
DRAWING# TM 18 097

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Professional Land Surveying C. O. A.#LSF00870

Project No.	2016087
Survey Crew	VM, DW
Drawn By	MEC
Approved By	WCV
Date	08/29/16
Scale	1"=40'
Revision	
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LEGEND

- CURB AND GUTTER (C&G)
- FENCE
- HANDRAIL
- STORM DRAIN LINE
- SANITARY SEWER
- WATER LINE
- GAS LINE
- UNDERGROUND POWER LINE
- OVERHEAD POWER LINE
- COMMUNICATION
- TOPOGRAPHIC CONTOUR
- PROPERTY LINE
- GUARD RAIL
- WET WEATHER DITCH
- WATER SPIGOT
- CATCH BASIN (DWCB)
- CATCH BASIN (SWCB)
- DROP INLET (DI)
- JUNCTION BOX (JB)
- HEAD WALL (HW)
- CURB INLET (CI)
- FLARED END SECTION (FES)
- OUTLET CONTROL STRUCTURE
- YARD DRAIN INLET
- SS MANHOLE (MH)
- CLEAN OUT (CO)
- IRRIGATION CONTROL VALVE
- FIRE HYDRANT (FH)
- WATER VALVE (WV)
- WATER METER (WM)
- FIRE DEPT. CONNECTION (FDC)
- WATER VALVE MARKER
- TRANSFORMER BOX (TX)
- AIR CONDITIONER (AC)
- ELECTRIC METER (EM)
- ELECTRIC UTILITY
- LIGHT POLE (LP)
- POWER POLE WITH LIGHT
- POWER POLE (PP)
- UTILITY MANHOLE (UM)
- SPOTLIGHT
- GAS METER (GM)
- GAS VALVE (GV)
- TELEPHONE PEDESTAL
- COMMUNICATION BOX
- BOLLARD (BO)
- MAIL BOX
- SIGN
- SPOT ELEVATION
- CONCRETE AREA
- OVERHANG AREA
- RIP-RAP AREA
- BRICK AREA
- TREELINE



FLOOD ZONE LEGEND

FLOOD ZONE AREA

(SEE SHEET 13 FOR FLOOD ZONE DETAIL)

TREE LEGEND (ABBREVIATIONS)

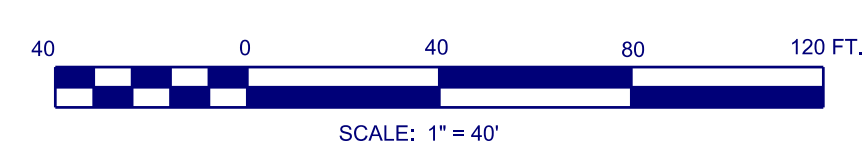
DECIDUOUS (TREE)	BIR	BIRCH	HLI	HOLLY
	CM	BEECH	HW	HARDWOOD
	CHY	CRAPE MYRTLE	MAG	MAGNOLIA
	CYP	CHERRY	MAP	MAPLE
	FIR	CYRESS	OAK	OAK
CONIFEROUS (TREE)	GUM	FIR	ORN	ORNAMENTAL
	HIC	GINGKO	PEAR	PEAR
		SWEET GUM	POP	POPLAR
		HICKORY	SYC	SYCAMORE

ABBREVIATIONS

A	ARC LENGTH	IPS	IRON PIN SET (CAPPED)
AC.	ACRE	NIF	NOW OR FORMERLY
AE	ACCESS EASEMENT	OTP	OPEN TOP PIPE
BSL	BUILDING SETBACK LINE	PB.	PLAT BOOK
BW	BARBWARE	PG.	PAGE
CH	CHORD LENGTH	POB	POINT OF BEGINNING
CLF	CHAIN LINK FENCE	POC	POINT OF COMMENCEMENT
CMF	CONCRETE MONUMENT FOUND	R	RADIUS LENGTH
CMP	CORRUGATED METAL PIPE	RW	RIGHT OF WAY
CONC.	CONCRETE	RW MON	RIGHT OF WAY MONUMENT
CTP	CRIMP TOP PIPE	RB	REBAR
DB.	DEED BOOK	RCP	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	SDE	STORM DRAINAGE EASEMENT
FDC	FIRE DEPARTMENT CONNECTION	SO. FT.	SQUARE FEET
FND	FOUND	SSE	SANITARY SEWER EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE PIPE	WPF	WOOD PRIVACY FENCE
IPF	IRON PIN FOUND		

LINE TABLE

L1	N 09° 09' 45" E	20.00'
L2	S 18° 32' 17" W	29.82'
L3	S 20° 58' 38" W	36.64'
L4	S 04° 30' 15" W	35.85'
L5	S 22° 41' 01" W	38.11'
L6	S 21° 49' 30" W	30.85'
L7	S 04° 39' 25" W	31.46'
L8	N 74° 14' 36" W	39.71'
L9	N 47° 28' 51" W	29.90'
L10	N 19° 33' 10" W	13.84'
L11	N 71° 25' 28" W	40.08'
L12	N 87° 08' 50" W	35.40'
L13	N 85° 17' 50" W	29.34'
L14	N 39° 36' 17" W	33.84'
L15	N 64° 31' 24" W	12.28'
L16	N 63° 40' 39" W	28.35'
L17	S 85° 21' 00" W	42.42'
L18	N 89° 48' 50" W	32.85'
L19	S 84° 04' 20" W	25.14'
L20	N 76° 17' 54" W	18.75'
L21	N 76° 17' 58" W	19.37'
L22	N 71° 54' 28" E	7.91'
L23	N 64° 36' 33" E	53.19'
L24	N 75° 47' 51" E	43.73'
L25	N 62° 37' 43" E	37.34'
L26	N 57° 08' 00" E	40.21'
L27	N 37° 54' 19" E	43.48'
L28	N 17° 22' 00" E	36.87'
L29	N 41° 58' 49" E	36.15'
L30	N 69° 07' 51" E	58.11'
L31	N 70° 12' 41" E	44.21'
L32	N 75° 17' 14" E	36.76'
L33	S 81° 48' 34" E	46.21'
L34	N 71° 58' 41" E	16.87'
L35	N 88° 16' 49" E	17.50'
L36	N 78° 08' 07" E	39.74'
L37	N 79° 38' 04" E	13.22'
L38	N 25° 16' 40" W	37.04'



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 www.TerraMark.com
 Professional Land Surveying C. O. #LSF00810

Project No.	20161687	No.	1	Date
Survey Crew	VM, DW	#1		
Drawn By	NEC	#2		
Approved By	WCV	#3		
Date	08/29/16	#4		
Scale	1"=40'	#5		

BOUNDARY AND TOPOGRAPHIC SURVEY
 FOR
 THE CITY OF BROOKHAVEN
 (MURPHEY CANDLER PARK)
 LOCATED IN
 LAND LOTS 326, 327 & 331, 18TH DISTRICT
 DEKALB COUNTY, GEORGIA

SHEET NO.
 5 / 13
 DRAWING# TM 16 097

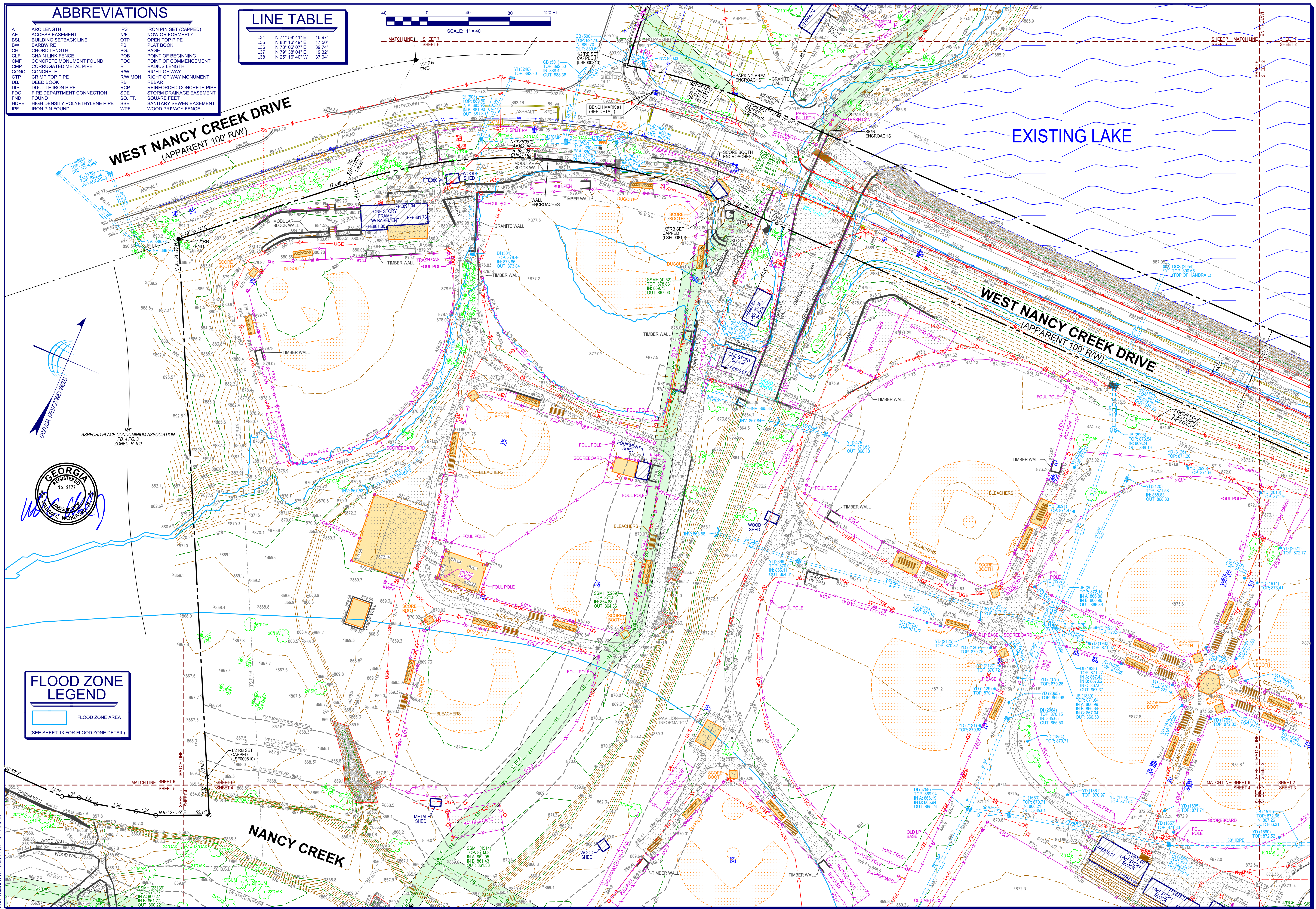
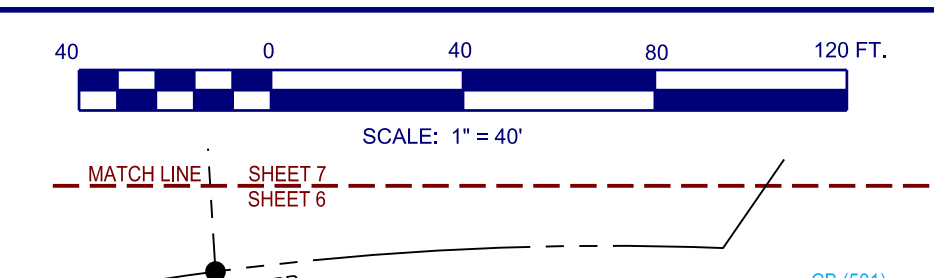
JOB NUMBER 2016-097 PLOT SIZE 24 X 36

ABBREVIATIONS

A	ARC LENGTH	IPS	IRON PIN SET (CAPPED)
AE	ACCESS EASEMENT	NIF	NOW OR FORMERLY
BSL	BUILDING SETBACK LINE	OTF	OPEN TOP FORM
BW	BARBIRE	PB	PLAT BOOK
CH	CHAIN LINK FENCE	PG	PAGE
CLF	CHAIN LINK FENCE	POB	POINT OF BEGINNING
CMF	CONCRETE MONUMENT FOUND	POC	POINT OF COMMENCEMENT
CMP	CORRUGATED METAL PIPE	R	RADIUS LENGTH
CONC.	CONCRETE	RW	RIGHT OF WAY
CTP	CRUMP TOP PIPE	RWM	RIGHT OF WAY MONUMENT
DB	DEED BOOK	RB	REBAR
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
FDC	FIRE DEPARTMENT CONNECTION	SDE	STORM DRAINAGE EASEMENT
FND	FOUND	SQ. FT.	SQUARE FEET
HDPE	HIGH DENSITY POLYETHYLENE PIPE	SSE	SANITARY SEWER EASEMENT
IPF	IRON PIN FOUND	WPF	WOOD PRIVACY FENCE

LINE TABLE

L34	N 71° 58' 41" E	16.97'
L35	N 88° 16' 49" E	17.50'
L36	N 78° 08' 07" E	39.74'
L37	N 79° 38' 04" E	19.32'
L38	N 25° 16' 40" W	37.04'



FLOOD ZONE LEGEND

[Blue shaded area]	FLOOD ZONE AREA
--------------------	-----------------

(SEE SHEET 13 FOR FLOOD ZONE DETAIL)



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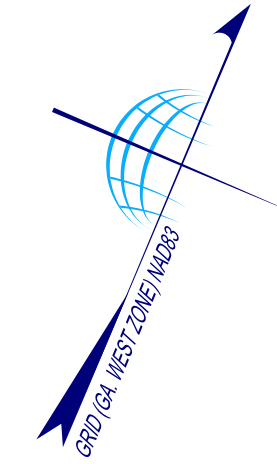
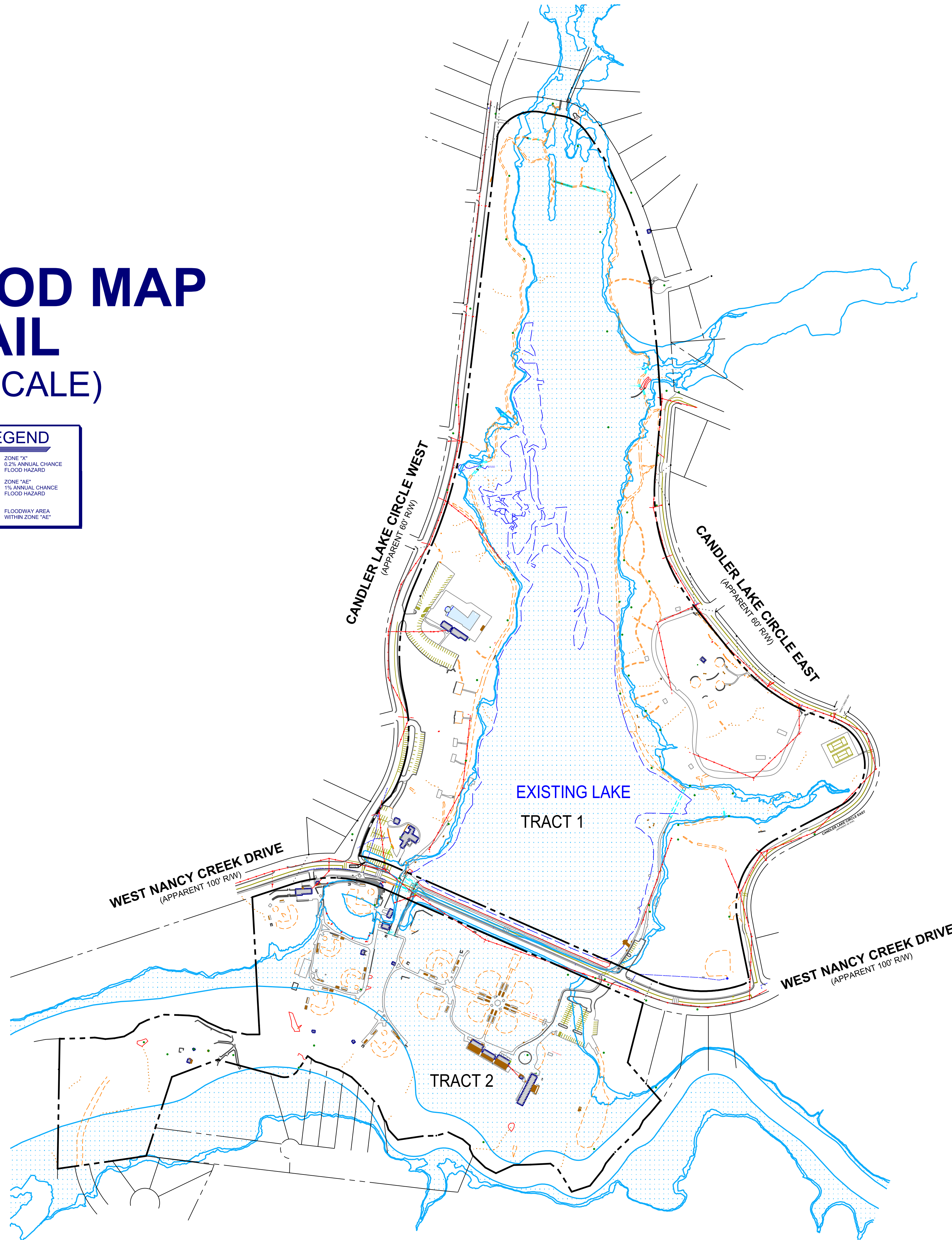
Project No.	No.	Date	Revision
20160287	#1		
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BOUNDARY AND TOPOGRAPHIC SURVEY FOR THE CITY OF BROOKHAVEN (MURPHEY CANDLER PARK) LOCATED IN LAND LOTS 326, 327 & 331, 18TH DISTRICT DEKALB COUNTY, GEORGIA

SHEET NO. **6/13**
 DRAWING# TM 18 097

FEMA FLOOD MAP DETAIL (NOT TO SCALE)

FLOOD ZONE LEGEND	
	ZONE "X" 0.2% ANNUAL CHANCE FLOOD HAZARD
	ZONE "AE" 1% ANNUAL CHANCE FLOOD HAZARD
	FLOODWAY AREA WITHIN ZONE "AE"



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Project No.	2016087	No.	Date
Survey Crew	WLDW	#1	
Drawn By	NEC	#2	
Approved By	WCV	#3	
Date	08/22/16	#7	
Scale	1"=40'	#8	
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BOUNDARY AND TOPOGRAPHIC SURVEY
FOR
THE CITY OF BROOKHAVEN
(MURPHEY CANDLER PARK)
LOCATED IN
LAND LOTS 326, 327 & 331, 18TH DISTRICT
DEKALB COUNTY, GEORGIA

SHEET NO.
13 / 13
DRAWING# TM 16 097

JOB NUMBER 2016-097 PLOT SIZE 24 X 36

GENERAL NOTES

- 1. THE CONTRACTOR IS TO CHECK AND VERIFY ALL MEASUREMENTS, DIMENSIONS, LEVELS, PLAN ELEVATIONS, INVERTS, ETC. BEFORE ORDERING MATERIALS AND PROCEEDING WITH THE WORK...

- 2. OWNER'S REP. DISPOSE OF OFF THE OWNER'S PROPERTY AT NO ADDITIONAL COST. ALL PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, ETC., THAT ARE REMOVED SHALL BE REMOVED TO FULL DEPTH...

AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE. ALL CONSTRUCTION TO COMPLY WITH LOCAL/COUNTY ZONING AND CODES STANDARDS AND STATE OF TENNESSEE STORMWATER REGULATIONS.

GRADING

- 1. TOPSOIL SHALL BE STORED ON SITES IN LOCATIONS APPROVED BY THE OWNERS REPRESENTATIVE AND OUTSIDE AREAS PRONE TO FLOODING. DRAINAGE SHALL ROUTE AROUND THESE TOPSOIL STOCKPILES...

LAYOUT

- 1. ALL LAYOUT MEASUREMENTS ARE TO CENTERLINE UNLESS OTHERWISE NOTED. COORDINATE POINTS SHOWN ARE TAKEN FROM BASE INFORMATION PROVIDED BY OTHERS...

ADA REQUIREMENTS

- 1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD, FEDERAL REGISTER 36CFR PARTS 1191 AND 1193...

TREE PROTECTION / REMOVAL

- 1. EXISTING TREES ON-SITE TO BE REMOVED HAVE BEEN MARKED ON THE SITE PLANS WITH AN 'X'. ONLY THOSE MARKED TREES SHALL BE REMOVED. CONTRACTOR SHALL PROCEED WITH THE FOLLOWING FOR TREES TO BE REMOVED ONLY...

FOR REMEDIATION OPTIONS. CONTRACTOR MUST SUBMIT ALL REPORTS OR RECOMMENDATIONS FOR TREE PRUNING OR ALTERING TO THE LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO RENDERING SERVICES.

BROOKHAVEN TREE PROTECTION NOTES:

- 1. TREES IDENTIFIED TO BE PRESERVED AND COUNTED TOWARD THE TREE DENSITY REQUIREMENTS SHALL HAVE TEMPORARY CHAIN LINK FENCE OR FOUR FOOT ORANGE TREE PROTECTION FENCING AND STAKED HAY BALES INSTALLED AT OR BEYOND THE CRITICAL ROOT ZONE...

"C" SHEETS LEGEND

- OE --- OE --- OVERHEAD ELECTRIC
--- UE --- UE --- UNDERGROUND ELECTRIC
--- G --- G --- GAS
--- W --- W --- WATER
--- SW --- SW --- STORM SEWER
--- SS --- SS --- SANITARY SEWER
BENCHMARK
FIRE HYDRANT

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes ASPH - ASPHALT, @ - AT, BOC - BOTTOM OF CURB, BFP - BACKFLOW PREVENTER, BS - BOTTOM OF STEP, BW - BOTTOM OF WALL, CL - CENTERLINE, CJ - CONTROL JOINT, CO - COMPANY, CONT - CONTINUOUS, CY - CUBIC YARD, DIA - DIAMETER, DR - DRIVE, EJC - EXPANSION JOINT, ELEG - ELECTRIC, ELEV - ELEVATION, FH - FIRE HYDRANT, EX - EXISTING, FT - FEET, FL - FLOW LINE, GALV - GALVANIZED, HG - HIGH POINT, HC - HEIGHT, HW - HEADWALL, HD - HYDRANT, ID - INSIDE DIAMETER, JNC - JUNCTION, LOC - LIMITS OF CLEARANCE, L.O.D. - LIMITS OF DISTURBANCE, LF - LINEAR FEET, MAX - MAXIMUM, MIN - MINIMUM, MH - MANHOLE, MPH - MILES PER HOUR, NIC - NOT IN CONTRACT, @ - NUMBER, O.C. - ON CENTER, NO - OUTSIDE DIAMETER, PL - PERFORATED DRAIN, PD - PROPERTY LINE, POB - POINT OF BEGINNING, PP - POWER POLE, R - RADIIUS, ROW - RIGHT OF WAY, SERV - SERVICE, SCH - SCHEDULE, SF - SQUARE FEET, S.F. - SILT FENCE, SQ - SQUARE, SY - SQUARE YARD, SIG - SIGNAL, SPEC - SPECIFICATION(S), STA - STATION, ST - STREET, T - TELEPHONE, TC - TOP OF CASTING, TIC - TOP OF CURB, TF - TOP OF FOOTING, TP - TOP OF PAVEMENT, TS - TOP OF STEP, TW - TOP OF WALL, TYP. - TYPICAL, VERT - VERTICAL, W - WATER, WS - WATER SERVICE, WW - WATER VALVE, WWF - WELDED WIRE FABRIC

BVCS - BEGINNING OF VERTICAL CURVE STATION, EVCS - ENDING OF VERTICAL CURVE STATION, EVC - ENDING OF VERTICAL CURVE ELEVATION, PVI - POINT OF VERTICAL INTERSECTION

NOTE: THESE ABBREVIATIONS ARE GENERAL; INDIVIDUAL SHEETS MAY INCLUDE OTHERS.



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MURPHEY CANDLER TRAIL - SOUTH SITE DEVELOPMENT PLAN CITY OF BROOKHAVEN

Table with 2 columns: NO., DATE, DESCRIPTION. Includes SUBMITTALS / REVISIONS and PERMIT DRAWINGS.

GENERAL NOTES

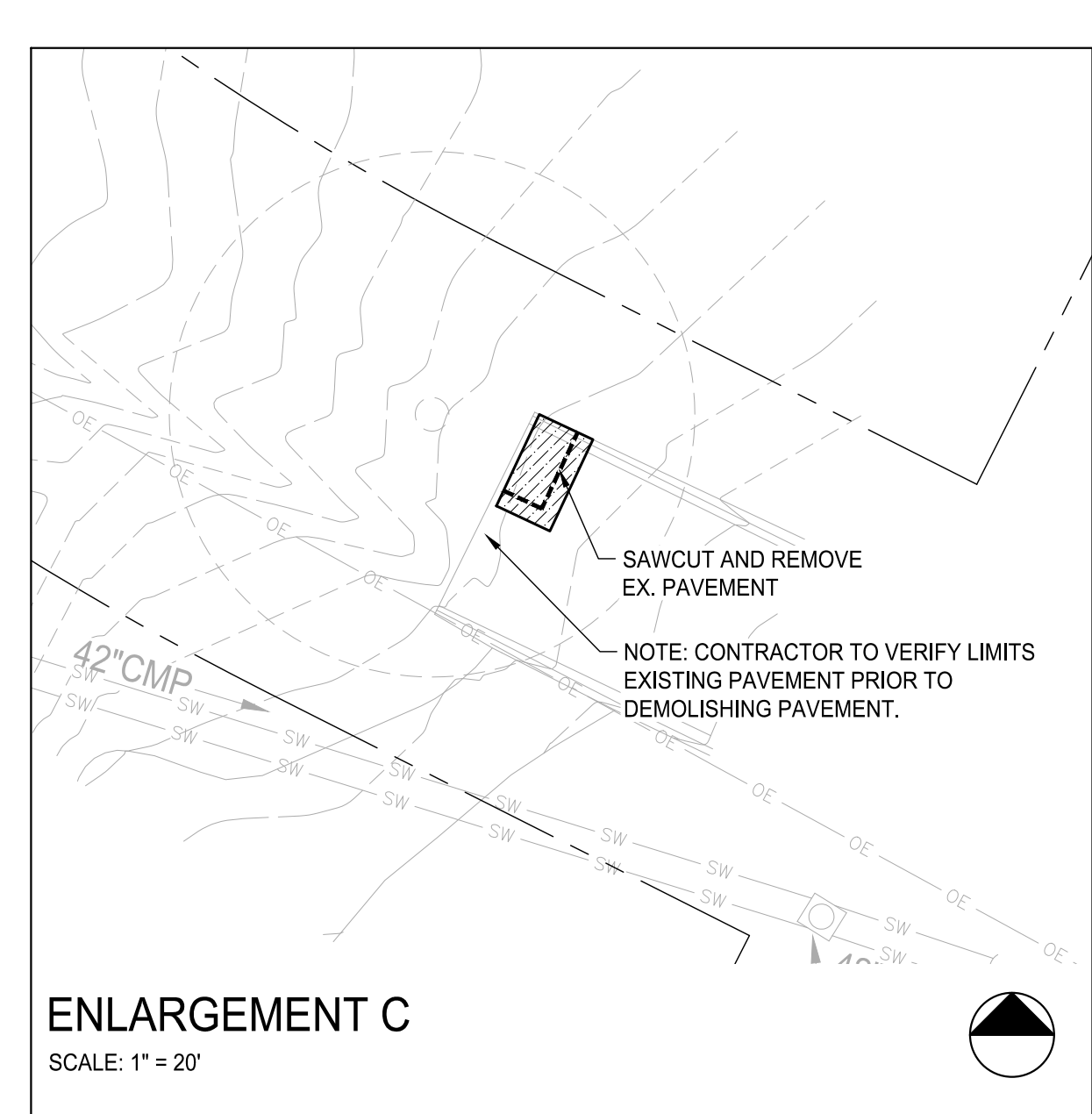
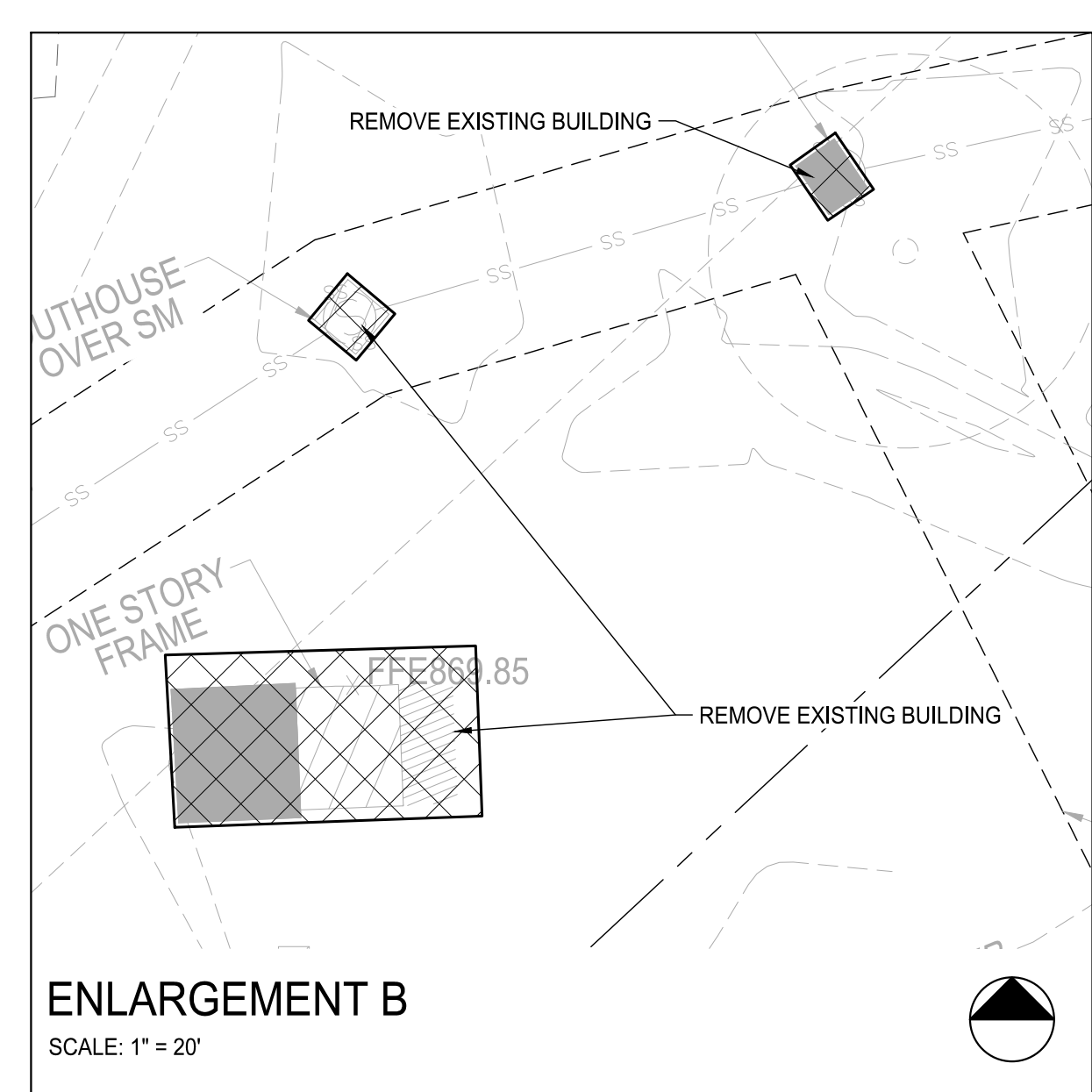
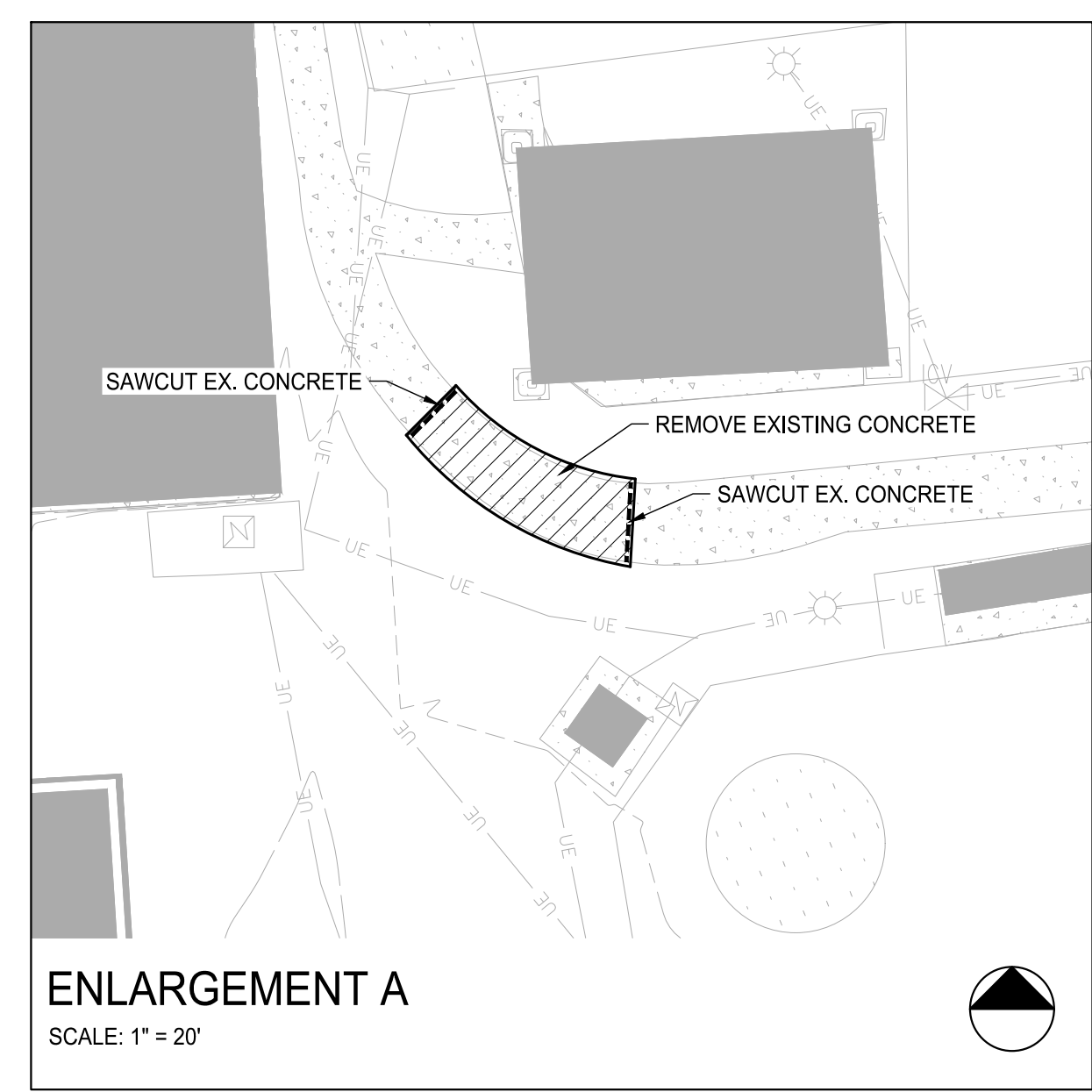
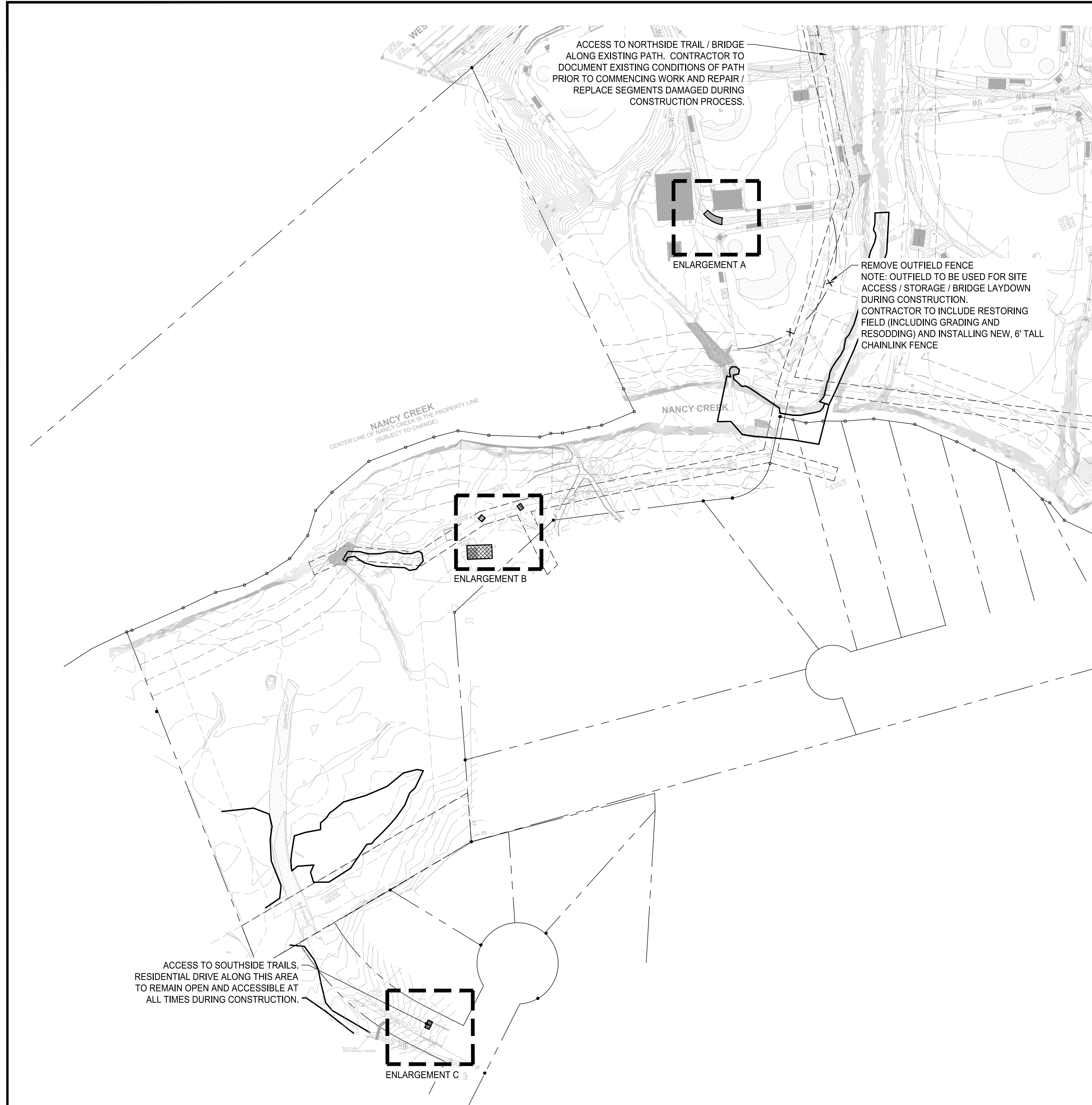
Table with 2 columns: PROJECT NO., DATE, DRAWN BY, SCALE, CHECKED BY, SHEET NO. Includes PROJECT NO. 21031, DATE 07/01/2022, DRAWN BY MTC, SCALE N.T.S., CHECKED BY DMV, SHEET NO.



Know what's below. Call before you dig.

C0.01 APPROVED PLAN 09/20/2023 Permit # LDP22-00012

0:20:00/2023 Brookhaven, GA Murphey Candler Trail South Site Development Plan - 09/20/2023 09:20:00 - 14.14.16.dwg



LEGEND:

- EXISTING CONCRETE PAVEMENT REMOVAL
SEE DEMO REFERENCE 1, THIS SHEET
- EXISTING ASPHALT PAVEMENT REMOVAL
SEE DEMO REFERENCE 2, THIS SHEET
- STRUCTURE REMOVAL
(BUILDINGS, RETAINING WALLS, ETC.)
SEE DEMO REFERENCE 3, 4, 5, 6, 7, THIS SHEET
- SAW CUT LINE (PROVIDE CLEAN, STRAIGHT EDGE AT EXISTING PAVEMENT)
- EXISTING FENCE TO BE REMOVED
SEE DEMO REFERENCE 8, THIS SHEET
- LOD
LIMITS OF DISTURBANCE

DEMOLITION REFERENCES:

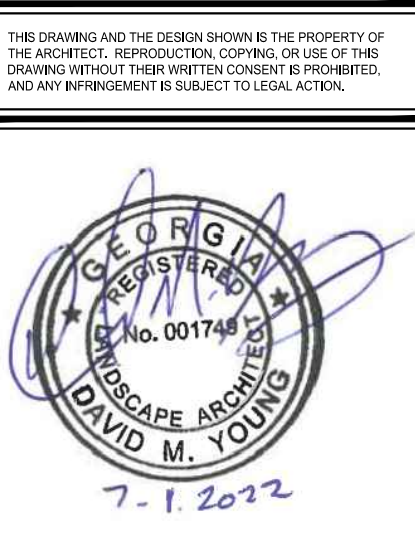
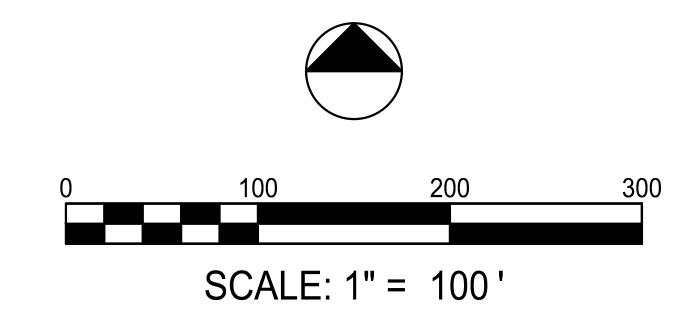
- 1. REMOVE EXISTING CONCRETE PAVEMENT.
- 2. REMOVE EXISTING ASPHALT PAVEMENT.
- 3. REMOVE EXISTING BUILDINGS, INCLUDING ALL UTILITY CONNECTIONS, PAVEMENT, SITE FURNISHINGS, ETC. SEE BUILDING DEMOLITION NOTE FOR ADDITIONAL INFORMATION.
- 4. REMOVE EXISTING PATIO AND STRUCTURE
- 5. REMOVE EXISTING WALL WITH FOUNDATION.
- 6. REMOVE EXISTING CONCRETE STAIRS WITH FOUNDATION.
- 7. REMOVE EXISTING CURB
- 8. REMOVE EXISTING FENCE AND FOOTING FOUNDATIONS
- 9. REMOVE STORM LINES (SIZES VARY)

SITE DEMO NOTES

- 1. SEE SHEET C0.01 FOR ADDITIONAL DEMOLITION NOTES.
- 2. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS IMMEDIATELY UPON DISCOVERY.
- 3. CONTRACTOR TO COORDINATE WITH OWNER FOR STORAGE LOCATIONS FOR CONSTRUCTION MATERIALS TO BE SALVAGED.
- 4. PRIOR TO BEGINNING DEMOLITION, ENSURE EROSION AND INLET PROTECTION ARE IN PLACE.
- 5. DISPOSE OF DEMOLISHED MATERIALS LEGALLY OFF SITE.
- 6. ANY DAMAGES TO EXISTING ITEMS TO REMAIN SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 7. SITE BOUNDARY SHALL BE FENCED WITH STANDARD STAKED ORANGE CONSTRUCTION FENCING.
- 8. ALL LIGHTING AND LIGHTING EQUIPMENT TO REMAIN SHALL BE PROTECTED IN PLACE WITH TREE PROTECTION FENCING PRIOR TO DEMOLITION.
- 9. A GEOTECHNICAL REPORT HAS BEEN PREPARED FOR THIS PROJECT BY GEOHYDRO ENGINEERS, DATED MAY 30, 2019. GEOHYDRO REPORT NO. 190367.20.
- 10. CONTRACTOR TO BACKFILL AND COMPACT ANY HOLES/VOIDS CAUSED BY DEMO WORK.
- 11. EXISTING UTILITIES MAY BE PRESENT THAT WERE NOT IDENTIFIED ON THE SURVEY. IF THE CONTRACTOR ENCOUNTERS ANY SUCH UTILITY, CONTRACTOR TO NOTIFY OWNER AND DESIGNER IMMEDIATELY. ANY UTILITIES IDENTIFIED TO BE CUT OFF SHALL BE REMOVED THE EXTENT NECESSARY FOR PROPOSED WORK, THEM CAPPED AND SEALED IN PLACE.

GENERAL BUILDING DEMOLITION NOTES

- A. GENERAL INTENT IS TO DEMOLISH AND REMOVE EXISTING CONSTRUCTION AS NOTED AND AS REQUIRED FOR THE NEW DESIGN. COORDINATE THIS WORK WITH EXISTING CONDITIONS AND ALL CONTRACT DOCUMENTS.
- B. INTENT IS FOR ENTIRE BUILDING TO BE REMOVED IN ENTIRETY. ROOF, INTERIOR AND EXTERIOR WALLS, DOORS, WINDOWS, ETC. TO BE REMOVED. ALL FINISHES AND FURNISHINGS TO BE REMOVED. BUILDING FOUNDATION TO BE REMOVED AND BACKFILLED AND COMPACTED AS REQUIRED TO PROVIDE ACCEPTABLE SOILS FOR NEW CONSTRUCTION. CAP ALL UTILITIES TO REMAIN FOR FUTURE USE AS REQUIRED.
 - (1) EXISTING ELECTRICAL SYSTEM TO BE REMOVED IN ENTIRETY
 - (2) EXISTING PLUMBING SYSTEM TO BE REMOVED IN ENTIRETY.
 - (3) EXISTING HVAC DUCTWORK TO BE REMOVED IN ENTIRETY
- C. THE CONTRACTOR SHALL VISIT PROJECT DURING BID PERIOD, ATTEND ALL PRE-BID CONFERENCES, AND BECOME FAMILIAR WITH THE ENTIRE SCOPE OF WORK. CONTRACTOR'S BID PROPOSAL SHALL BE BASED IN PART BY HIS OBSERVANCE OF ALL EXISTING CONDITIONS.
CONTRACTOR SHALL CLARIFY HIS BID TO INDICATE ANY AREAS THEY WERE NOT ABLE TO GAIN ACCESS TO VIEW EXISTING CONDITIONS.
- D. POOL WILL BE CLOSED DURING DEMOLITION AND CONSTRUCTION OF RENOVATION PROJECT. COORDINATE AND SCHEDULE ALL WORK WITH OWNER AND BUILDING OFFICIALS, INCLUDING MAINTAINING OF ANY REQUIRED EXITING.
- E. THE CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR ALL SHORING, BRACING, SCAFFOLDING, ETC., AND THEIR STRENGTH AND ADEQUACY, PROPER USE, OPERATION, AND MAINTENANCE.
- F. UNLESS OTHERWISE DIRECTED, SHOWN, OR SPECIFIED, ALL MATERIALS AND EQUIPMENT REMOVED OR DEMOLISHED, EXCEPT THOSE NOTED TO BE SALVAGED OR RELOCATED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE REMOVED FROM THE PREMISES AND DISPOSED OF LEGALLY.
- G. CARE SHALL BE TAKEN TO AVOID DAMAGING OR DISTURBING EXISTING CONSTRUCTION WHICH IS INDICATED TO REMAIN. AT NO EXPENSE TO OWNER, CONTRACTOR SHALL MAKE ANY REPAIRS NECESSARY TO RECTIFY DAMAGE AND RESTORE EXISTING CONSTRUCTION TO UNDAMAGED STATE EXISTING PRIOR TO COMMENCEMENT OF WORK.
- H. EXISTING ELECTRICAL, PLUMBING, VENT, AND GAS LINES THAT ARE TO BE ABANDONED SHALL BE CAPPED IN WALLS OR UNDER FLOOR, OR AS NOTED IN PLAN DEMOLITION NOTES, OR AS REQUIRED BY CODE. PATCH DEMOLISHED AREAS FLUSH WITH ADJACENT SURFACES USING LIKE MATERIALS. REMOVE WIRING BACK TO PANEL.
- I. WHERE EXISTING ACTIVE ELECTRICAL EQUIPMENT, COMMUNICATION LINES, ETC. (THAT REMAIN) ARE ATTACHED TO WALLS THAT WILL BE REMOVED, REROUTE AND RE-SUPPORT LINES AS NECESSARY FOR TEMPORARY USE FOR PROPER INSTALLATION OF NEW CONSTRUCTION.
- J. **VERIFY LOCATION OF ALL UNDERGROUND UTILITIES, SANITARY SEWERS, ELECTRICAL AND FOUNDATIONS, ETC. BEFORE COMMENCING ANY SAWCUTTING OR DIGGING.**
- K. REFER TO REMAINDER OF CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION AND ADDITIONAL MISCELLANEOUS DEMOLITION.
- L. HAZARDOUS MATERIALS HAVE NOT BEEN IDENTIFIED IN THE EXISTING STRUCTURES.
 - 1. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK.
 - 2. IF HAZARDOUS MATERIALS ARE ENCOUNTERED OR IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER.
 - 3. DECISION WILL BE MADE ON DIRECTION OF ABATEMENT:
 - a. OPTION 1 - HAZARDOUS MATERIALS WILL BE REMOVED BY OWNER UNDER A SEPARATE CONTRACT BY LICENSED CONTRACTOR FAMILIAR AND ALE TO PERFORM ALL REQUIRED HAZARDOUS MATERIALS ABATEMENT SERVICES.
 - b. OPTION 2 - HAZARDOUS MATERIALS WILL BE REMOVED BY GENERAL CONTRACTOR UNDER A SEPARATE CONTRACT BY LICENSED CONTRACTOR FAMILIAR AND ALE TO PERFORM ALL REQUIRED HAZARDOUS MATERIALS ABATEMENT SERVICES.



7-1-2022

GEORGIA

MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

CITY OF BROOKHAVEN
BROOKHAVEN

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

PERMIT DRAWINGS

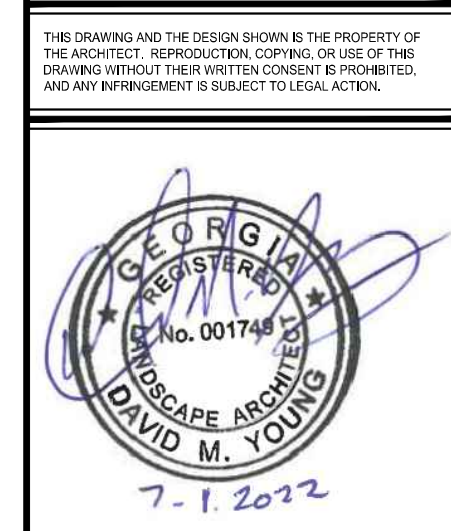
SHEET TITLE

DEMOLITION PLAN

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE 1" = 100'
CHECKED BY DMY	
SHEET NO.	

C0.04
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

0:20200420:20:Brookhaven, GA:Murphey Candler Park:Design/Construction:44522521031:0001_BFL_COV03_SIGNED.dwg, 4/16/2022, 10:46:14 AM



MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

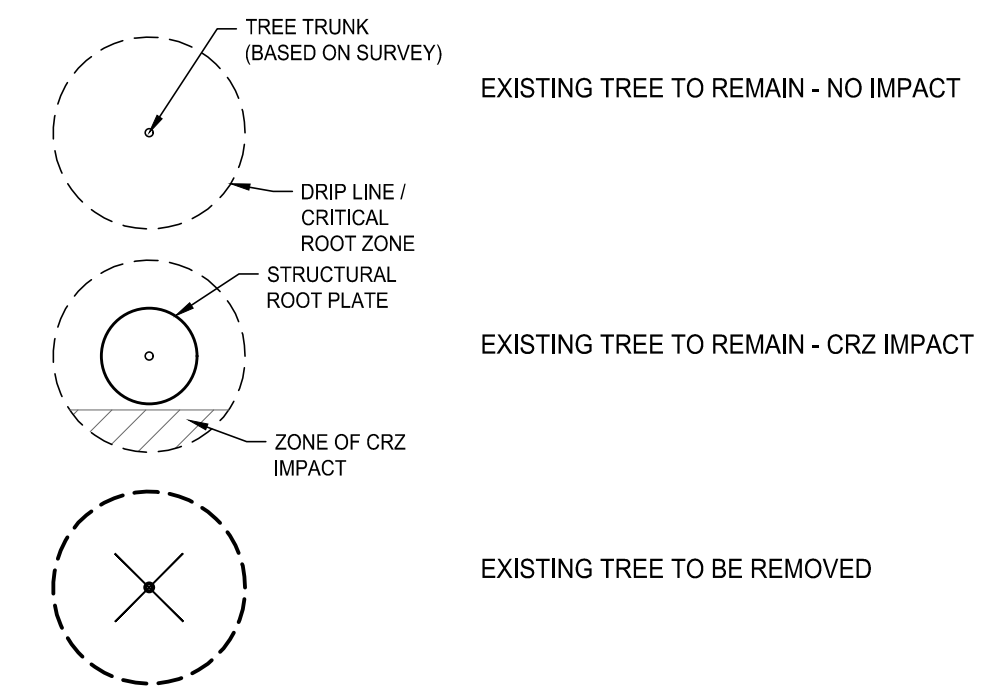
GEORGIA
CITY OF BROOKHAVEN
BROOKHAVEN

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION
1	09/09/2022	PERMIT REVISIONS

SHEET TITLE	
TREE PROTECTION PLAN	
PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE 1" = 40'
CHECKED BY DMY	SHEET NO.

EXISTING TREE INFORMATION WAS PROVIDED ON THE SURVEY, PREPARED BY TERRAMARK LAND SURVEYING INC., (NO. TM 20-221; DATE: 11-17-2020). REVISIONS TO LIST OF EXISTING TREES BASED ON FIELD VISIT.

LEGEND:
 --- LOD --- LIMITS OF CONSTRUCTION/ DISTURBANCE
 - - - - - TREE PROTECTION FENCE, REF. 05/C4.01



APPROVED ARBORIST

 Jeff Dadisman

TREES TO REMAIN

NO.	SPECIES	DBH (INCHES)	NOTES
3	HARDWOOD	24.0	PROPOSED TRAIL LOCATED IN EXISTING ROAD BED - MINIMAL IMPACT TO CRZ
4	SYCAMORE	27.0	SPECIMEN
5	HARDWOOD	27.0	SPECIMEN
6	SYCAMORE	24.0	SPECIMEN
7	SYCAMORE	25.0	SPECIMEN
8	SWEET GUM	27.0	
9	HARDWOOD	26.0	SPECIMEN
10	POPLAR	25.0	
11	SWEET GUM	27.0	
12	HARDWOOD	24.0	SPECIMEN
13	POPLAR	38.0	SPECIMEN
14	POPLAR	29.0	SPECIMEN
15	POPLAR	37.0	SPECIMEN
TOTAL: 333 DBH (INCHES)			

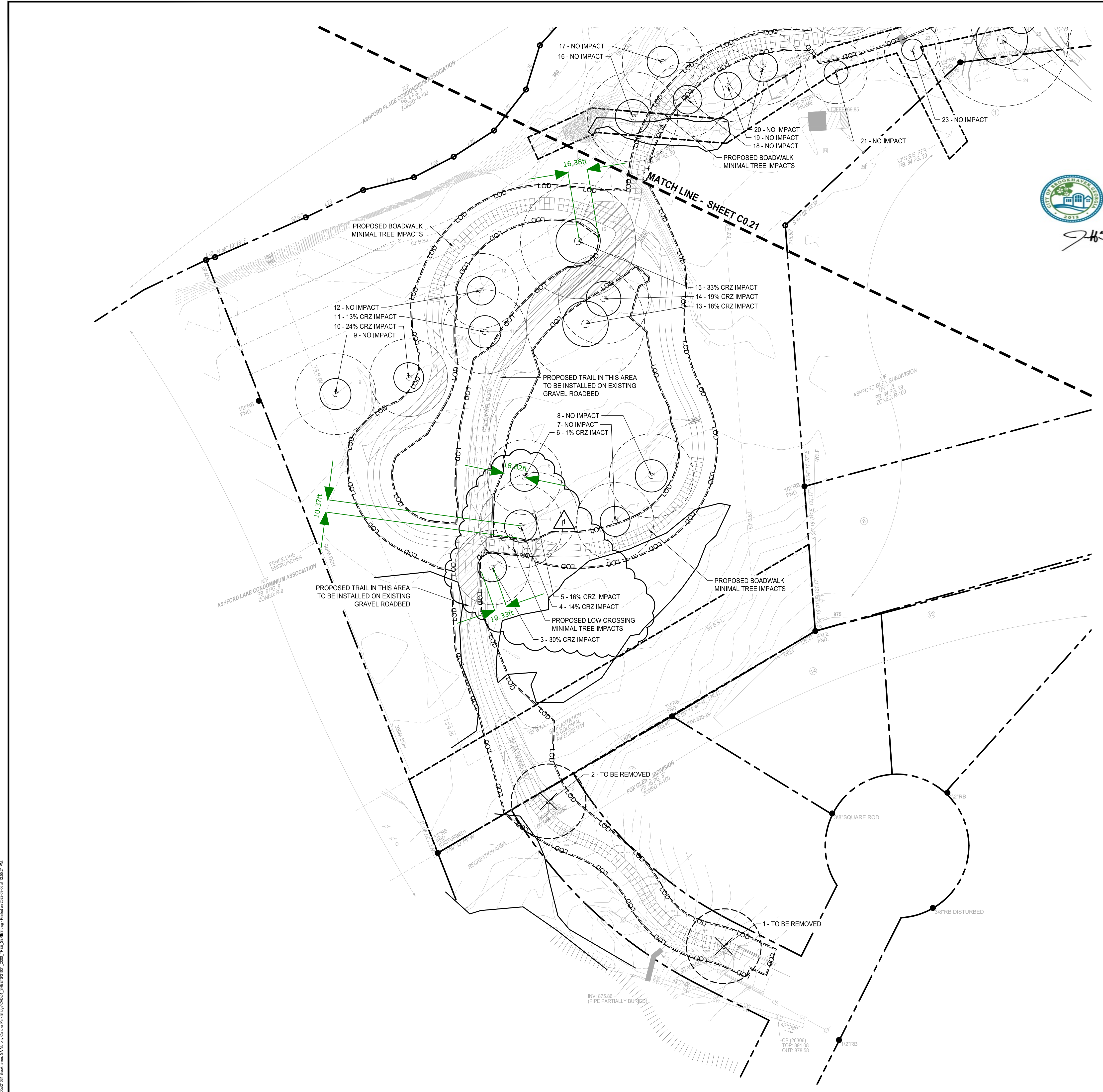
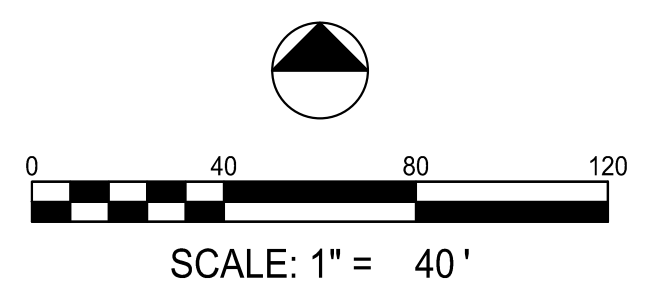
TO BE REMOVED

NO.	SPECIES	DBH (INCHES)	NOTES
1	BOX ELDER	24.0	DAMAGED TREE
2	PINE	24.0	LOCATED IN WORK AREA
TOTAL: 48 DBH TOTAL / 0 INCHES SPECIMEN			

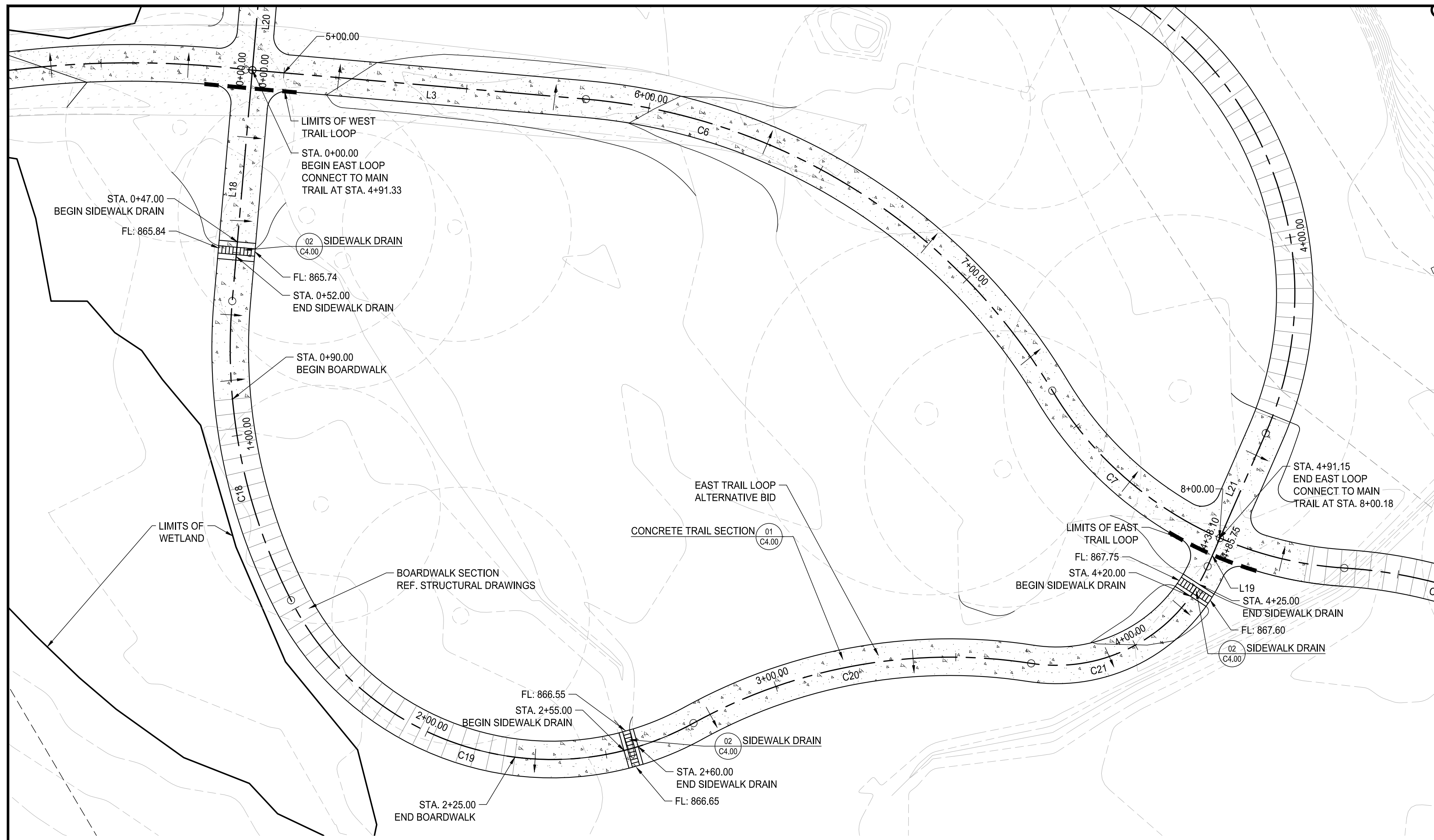
TREES LOCATED IN SEWER EASEMENT DO NOT COUNT TOWARDS CALCULATIONS.

NOTES:
 1. EXISTING SITE EXCEEDS REQUIRED TREE DENSITY AFTER EXISTING TREE REMOVAL.
 2. REFER TO SHEET C0.01 FOR CITY OF BROOKHAVEN TREE PROTECTION NOTES.
 3. REFER TO C0.11 TREE PROTECTION PLAN FOR PROPOSED TREE LOCATIONS AND TREE PROTECTION/ REPLACEMENT CALCULATIONS.

TREE PROTECTION - MACHINE TRENCHING
 NO MACHINE TRENCHING THROUGH CRITICAL ROOT ZONE.
 HAND-DIG WHERE SILT FENCE (SD-1) CROSSES THE CRITICAL ROOT ZONE OF ANY TREE. ROOT PRUNE AS NEEDED ACCORDING TO ISA / ANSI PROFESSIONAL STANDARDS.



0:20/09/2023 Brookhaven, GA Murphey Candler Park Design/CA001 - SHEET(S) 21031 - 0001 - TREE, E/888, Sep-7-Print on 2022/09/08 at 12:52:21 PM



EAST TRAIL LOOP ALIGNMENT TABLES

Line Table: Alignments				
Line #	Length	Direction	Start Point	End Point
L18	63.221	S85° 01' 37.12"E	(2247510.6296,1420759.2141)	(2247573.6125,1420753.7336)
L19	8.420	N66° 24' 08.35"W	(2247645.9434,1421019.7000)	(2247638.2274,1421023.0707)

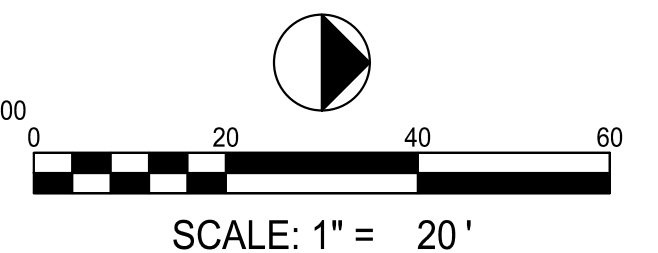
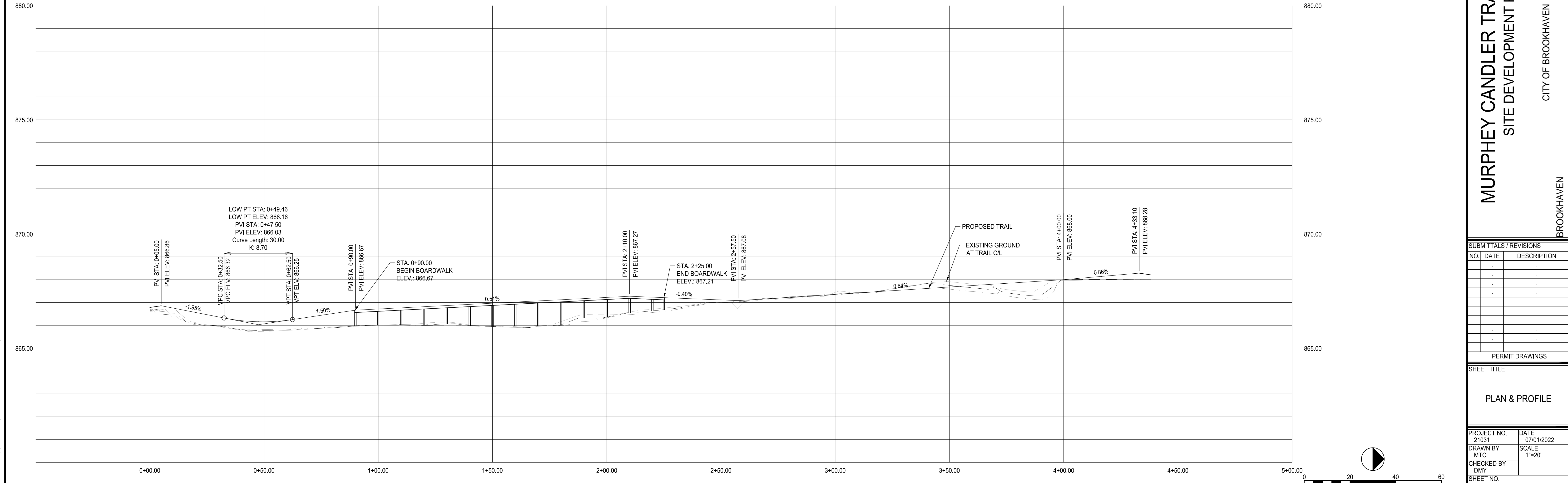
Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C18	150.000	84.243	N78° 53' 01.46"E	(2247573.6125,1420753.7336)	(2247655.1926,1420769.7631)
C19	80.000	127.952	N16° 58' 30.61"E	(2247655.1926,1420769.7631)	(2247688.6928,1420879.5073)
C20	145.000	95.218	N10° 01' 54.86"W	(2247688.6928,1420879.5073)	(2247672.4026,1420971.5935)
C21	45.000	59.049	N28° 48' 41.04"W	(2247672.4026,1420971.5935)	(2247645.9434,1421019.7000)

LAYOUT INFO LEGEND

- LIGHT DUTY CONCRETE PER DETAIL 1/C4.01
- HEAVY DUTY CONCRETE PER DETAIL 2/C4.01
- BOARDWALK PER STRUCTURAL DRAWINGS
- EXPANSION JOINT PER DETAIL 1&2/C4.01
- CONTROL JOINT PER DETAIL 1&2/C4.01

LOSE DESIGN
SPACES FOR LIFE.

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MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

CITY OF BROOKHAVEN

BROOKHAVEN

GEORGIA

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

PERMIT DRAWINGS

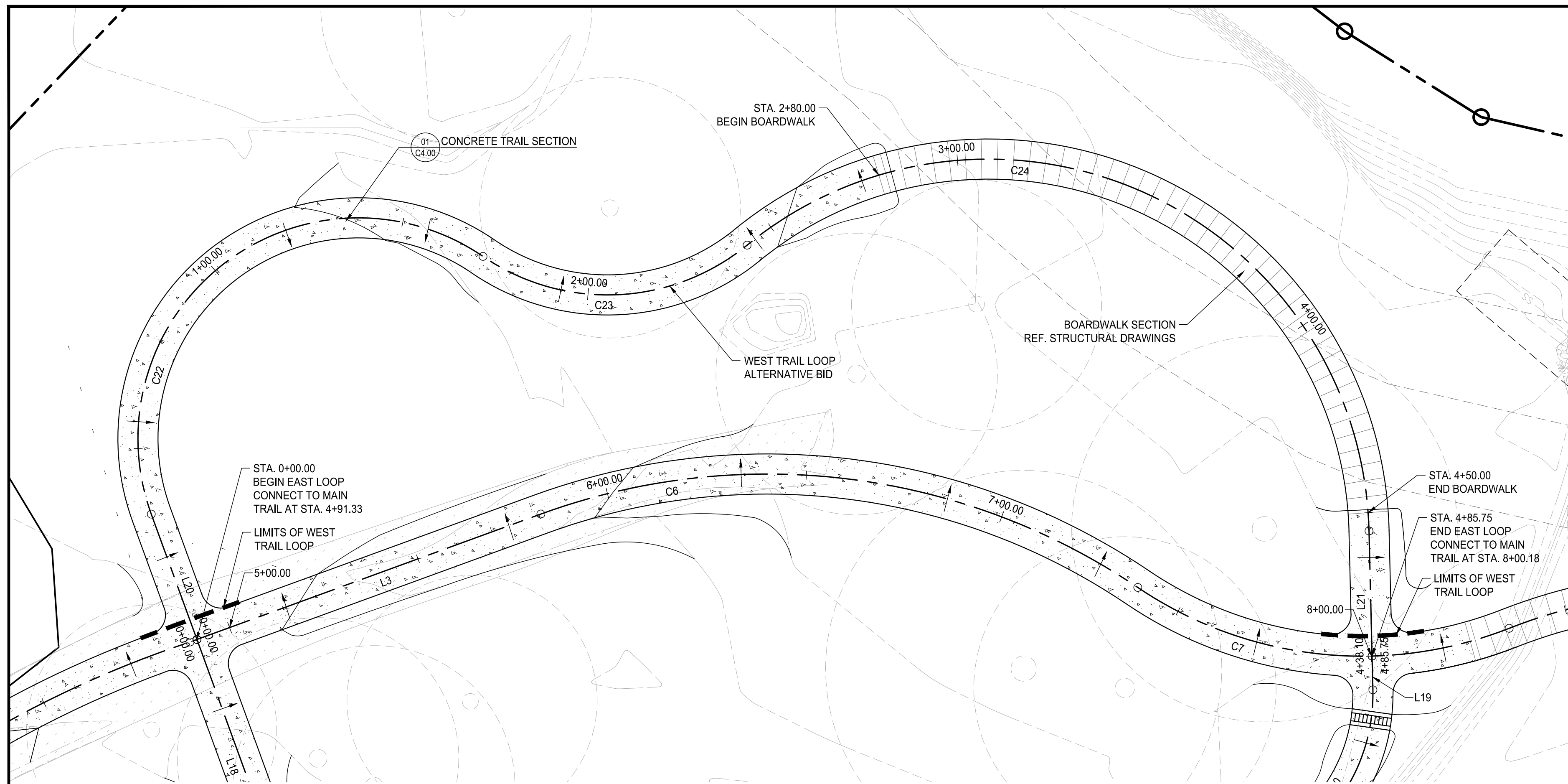
SHEET TITLE

PLAN & PROFILE

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE 1"=20'
CHECKED BY DMY	
SHEET NO.	

C1.07
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

0:2020092023 Brookhaven, GA Murphey Candler Trail Site Development Plan (RDP) - 20230920 10:41:19 AM



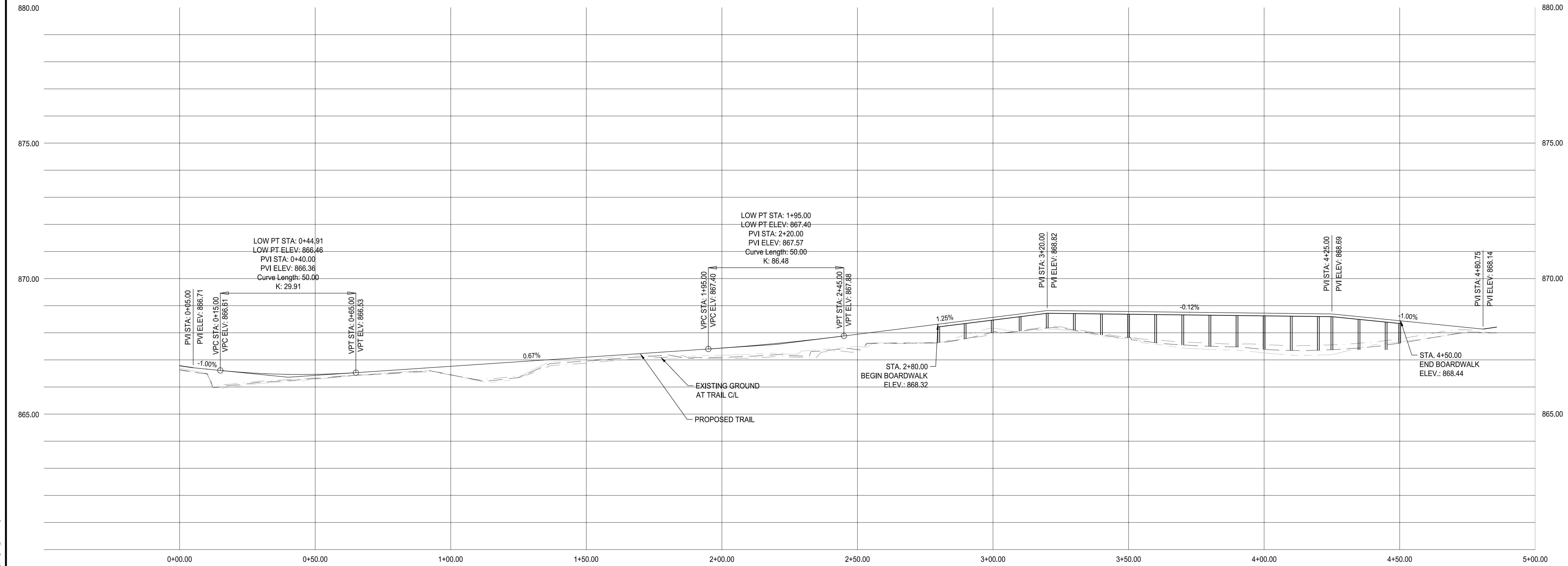
WEST TRAIL LOOP ALIGNMENT TABLES

Line Table: Alignments				
Line #	Length	Direction	Start Point	End Point
L20	33.257	N85° 01' 37.12"W	(2247510.6296,1420759.2141)	(2247477.4980,1420762.0970)
L21	31.191	S66° 24' 11.38"E	(2247609.6441,1421035.5564)	(2247638.2273,1421023.0705)

Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C22	55.000	138.621	N12° 49' 25.30"W	(2247477.4980,1420762.0970)	(2247454.2516,1420864.2209)
C23	55.000	70.689	N22° 33' 35.79"E	(2247454.2516,1420864.2209)	(2247479.5429,1420925.0993)
C24	95.000	211.994	N49° 40' 06.42"E	(2247479.5429,1420925.0993)	(2247609.6441,1421035.5564)

LAYOUT INFO LEGEND

- LIGHT DUTY CONCRETE PER DETAIL 1/C4.01
- HEAVY DUTY CONCRETE PER DETAIL 2/C4.01
- BOARDWALK PER STRUCTURAL DRAWINGS
- EXPANSION JOINT PER DETAIL 1&2/C4.01
- CONTROL JOINT PER DETAIL 1&2/C4.01



SCALE: 1" = 20'

LOSE DESIGN
SPACES FOR LIFE.

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MURPHEY CANDLER TRAIL - SOUTH
 SITE DEVELOPMENT PLAN
 CITY OF BROOKHAVEN
 BROOKHAVEN
 GEORGIA

SUBMITTALS / REVISIONS	
NO.	DESCRIPTION

PERMIT DRAWINGS

SHEET TITLE

PLAN & PROFILE

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE 1"=20'
CHECKED BY DMY	
SHEET NO.	

C1.08
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

0:\2022\21031\Brookhaven, GA\Murphy Candler Trail\Design\Drawings\21031-C1.08_P&P.dwg - Sheet 01 of 11 (11/01/2022)

UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

NOTE: 1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES...

Table with 4 columns: MAP SYMBOL, CODE, PRACTICE, and CALLOUT(S). Lists practices like CONSTRUCTION EXIT, SEDIMENT BARRIER, and DISTURBED AREA STABILIZATION.

NRCS SOILS TYPE LEGEND table listing soil types like Ca, Tf, Ud, and PuE with their descriptions.

DESIGNER GSWCC LEVEL II I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT...



ASATO MASUYAMA, CERTIFIED DESIGN PROFESSIONAL

FLOODPLAIN NOTE: THIS SITE IS LOCATED WITHIN A ZONE AS DEFINED BY FIRM COMMUNITY PANEL NUMBER 13089C012K FOR CITY OF BROOKHAVEN...

PHASE III EROSION CONTROL NOTE: ALL EROSION CONTROL MEASURES TO BE INSTALLED PER 2016 GREEN BOOK...

CONSTRUCTION ADDRESS: MURPHEY CANDLER PARK 1551 WEST NANCY CREEK DR ATLANTA, GA 30319

PRIMARY PERMITTEE / OWNER CONTACT: BRIAN BORDEN CITY OF BROOKHAVEN 3360 OSBORNE ROAD...

24-HR. EMERGENCY CONTACT: BRIAN BORDEN - 404.637.0562 BRIAN.BORDEN@BROOKHAVENGA.GOV

EXISTING USE: MUNICIPAL PARK PROPOSED USE: MUNICIPAL PARK

TOTAL PROJECT AREA: ± 1,602,679-SF, ± 36.79-AC TOTAL DISTURBED AREA: ± 131,546-SF, ± 3.02-AC

LAYOUT NOTES:

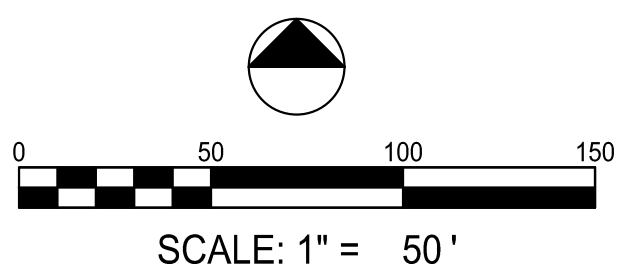
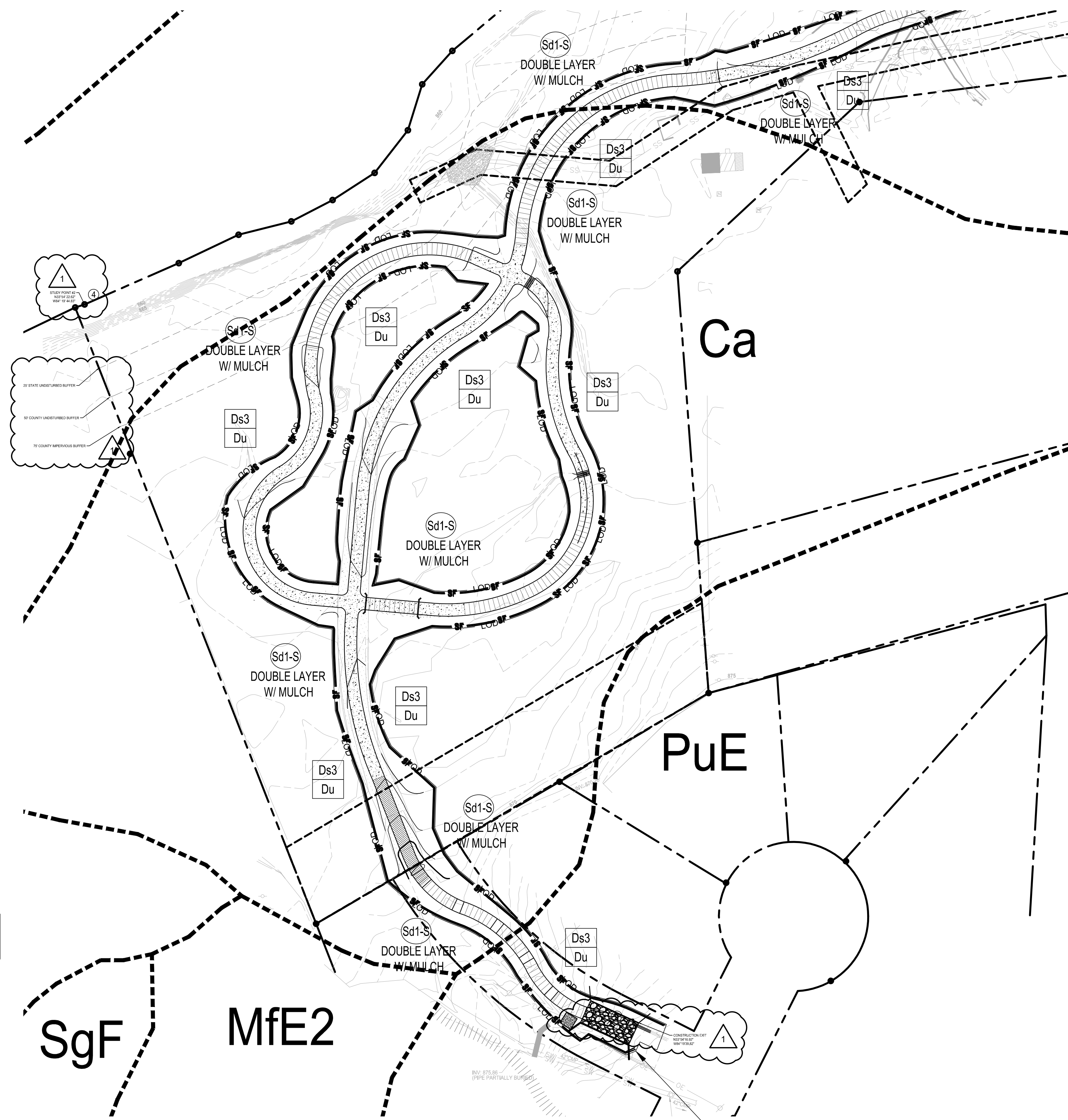
- 1. SEE SHEET C0.01 FOR GENERAL NOTES. 2. SEE ARCHITECTURAL SHEETS FOR BUILDING. 3. INSTALL JOINTS WHERE SHOWN TO ALIGN TO WALLS, BUILDINGS, RADII, ETC...

SEEDING NOTE THIS CONTRACT:

- NOTE: IF AREAS ARE NOT TO BE PLANTED WITH OTHER MATERIAL (SEE LANDSCAPE PLANS) SEED TO BE BERMUDA GRASS @ 75 LBS/AC... Ds2 SEED ALL DISTURBED AREAS... Ds3 UNIFORMLY SPREAD AGRICULTURAL LIME...

- THERE ARE DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE. AN UNNAMED TRIBUTARY OF NANCY CREEK IS THE RECEIVING WATERS FOR THIS SITE.

APPENDIX 1 REQUIREMENT 4FT X 8FT SIGN W/ FOLLOWING INFORMATION 1. CONSTRUCTION SITE 2. PRIMARY PERMITTEE 3. 24 HOUR CONTACT (W/ PHONE NUMBER) 4. PERMITTEE HOSTED WEBSITE WHERE PLANS CAN BE VIEWED...



FINAL PHASE EROSION CONTROL NOTES

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE FINAL EROSION CONTROL PHASE OF CONSTRUCTION: MAINTAIN FULL COORDINATION WITH THE DESIGN PROFESSIONAL CONTRACTOR AND REGULATORY INSPECTOR AT ALL TIMES REGARDING PROJECT SEQUENCE...

LOSE DESIGN SPACES FOR LIFE.

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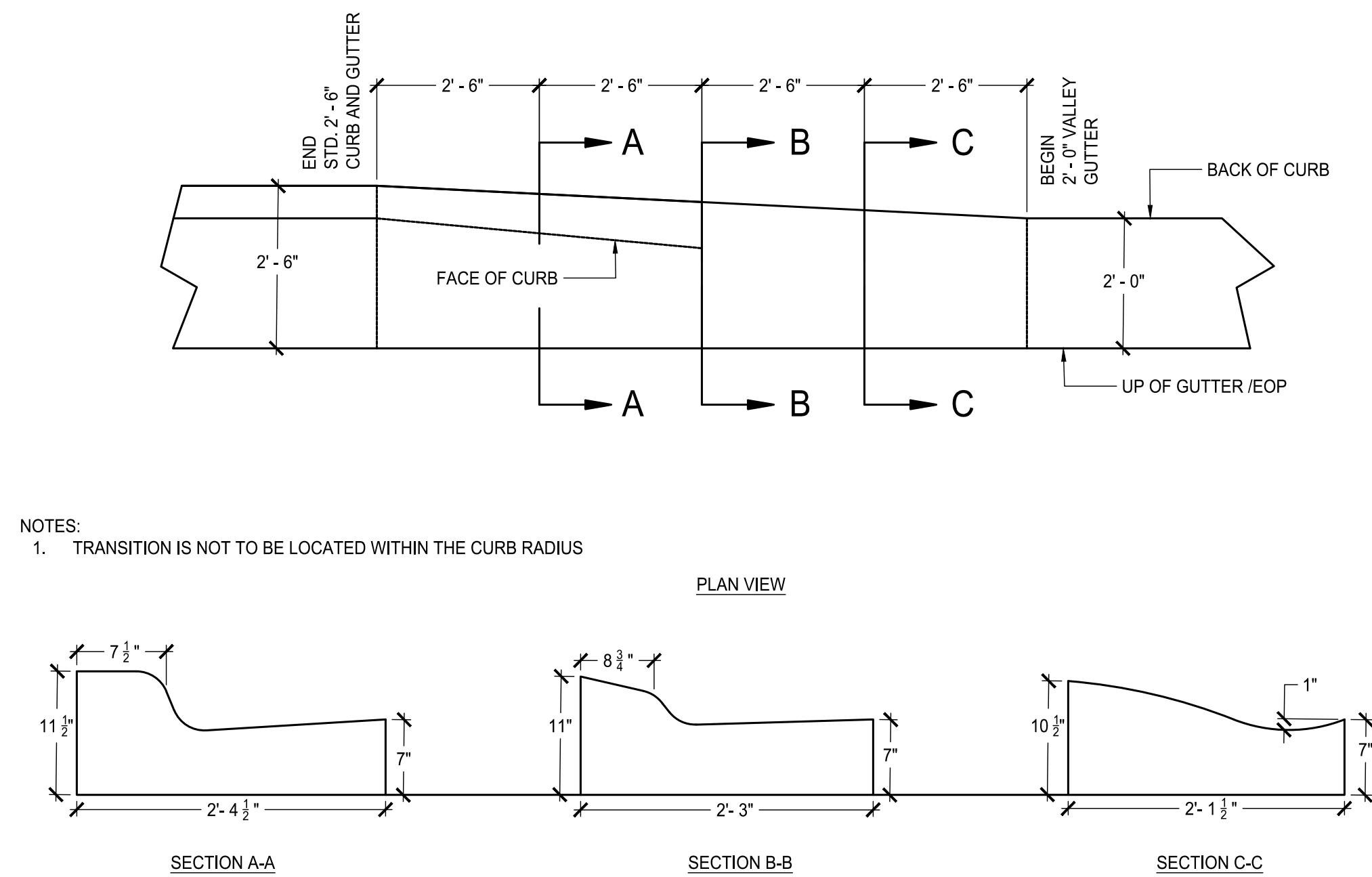
MURPHEY CANDLER TRAIL - SOUTH SITE DEVELOPMENT PLAN

SUBMITTALS / REVISIONS table with columns: NO., DATE, DESCRIPTION. Shows one revision on 09/09/2022 for PERMIT REVISIONS.

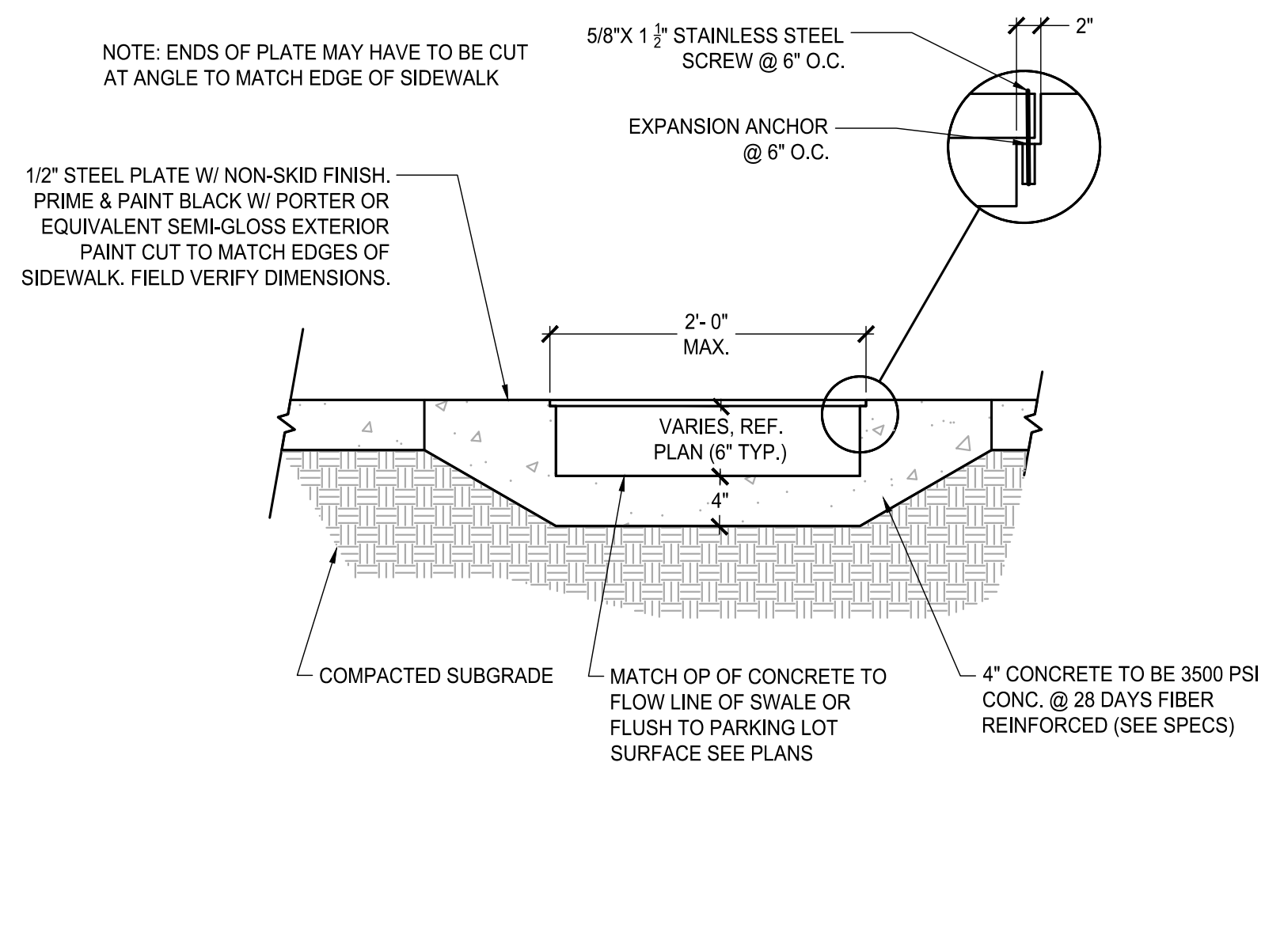
PERMIT DRAWINGS SHEET TITLE ESPC FINAL PHASE

PROJECT NO. 21031 DATE 07/01/2022 DRAWN BY AM SCALE 1"=50' CHECKED BY SHEET NO.

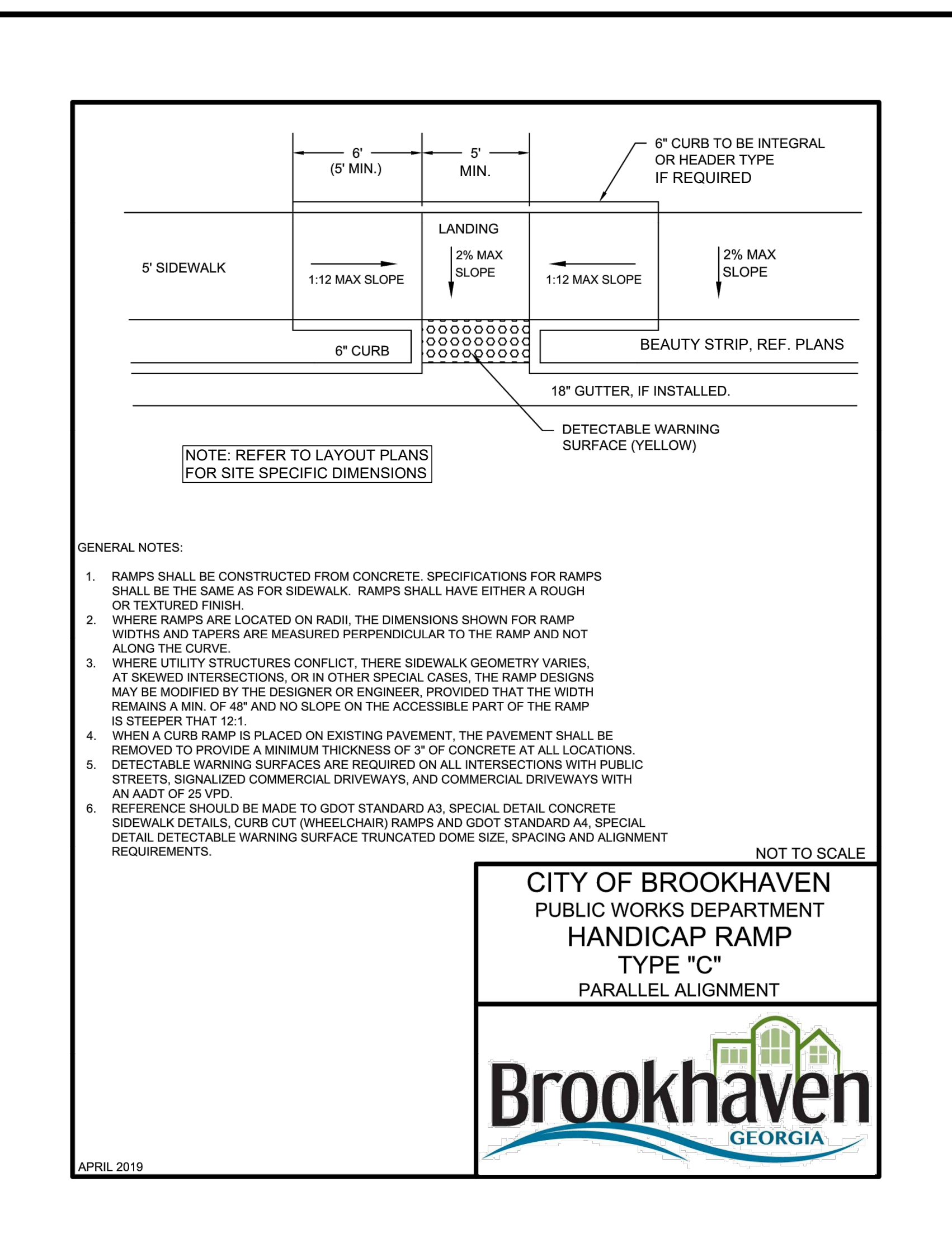
C3.32 APPROVED PLAN 09/20/2023 Permit # LDP22-00012




01 CURB TRANSITION
SCALE: N.T.S.



02 SIDEWALK DRAIN
SCALE: N.T.S.



03 SIDEWALK RAMP
SCALE: N.T.S.



The City of Brookhaven has various regulations related to the installation, repair, and replacement of granite curb. In order to help the development community understand how these regulations apply, the City has created this guide.

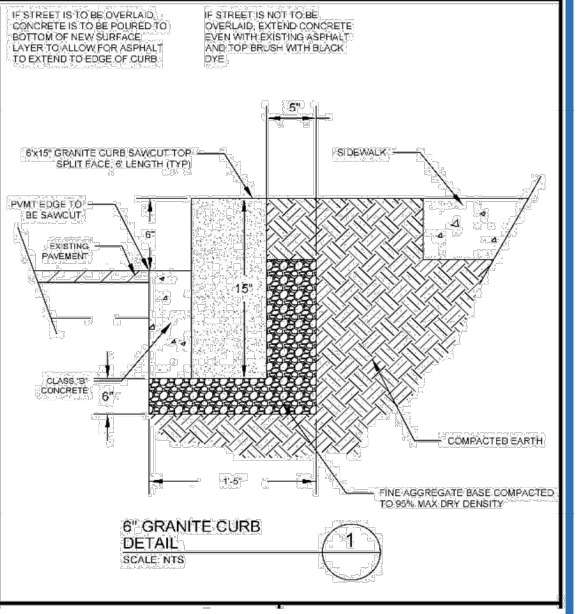
REMOVAL AND REPLACEMENT

In addition to any permit requirements, no person shall remove, damage, haul away or cause misalignment of any granite curbing on public streets, including radius curb and catch basin stones, for any reason whatsoever without first receiving written permission from the city. Granite curbing on public streets is city property.

Any removal or replacement of granite curbing on public streets must be done in accordance with section 14-670 and the specifications for granite curbing from the public works director. Granite curbs shall be removed by means to keep granite slabs intact and in a condition for re-use. Any granite curb that is removed shall be delivered to the public works department, unless otherwise authorized by the city.

DEVELOPMENT STANDARDS

Granite curb is required to be repaired and replaced where it currently exists. Additionally, granite curb is required to be raised to a six (6) inch reveal, as needed, pursuant to the standard detail used by the City.



If granite curb exists, the standard detail and/or notes reflecting the same are required to be included on plans associated with permit applications.

Granite curb requirements are applicable to every building permit, whether or not it was shown on an already approved permit plan.

For additional information, please contact the Department of Community Development at 404-637-0500.

updated Last: 09/16/19

04 GRANITE POST CURB
SCALE: N.T.S.

MURPEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

GEORGIA

BROOKHAVEN

NO.	DATE	DESCRIPTION

PERMIT DRAWINGS

SHEET TITLE

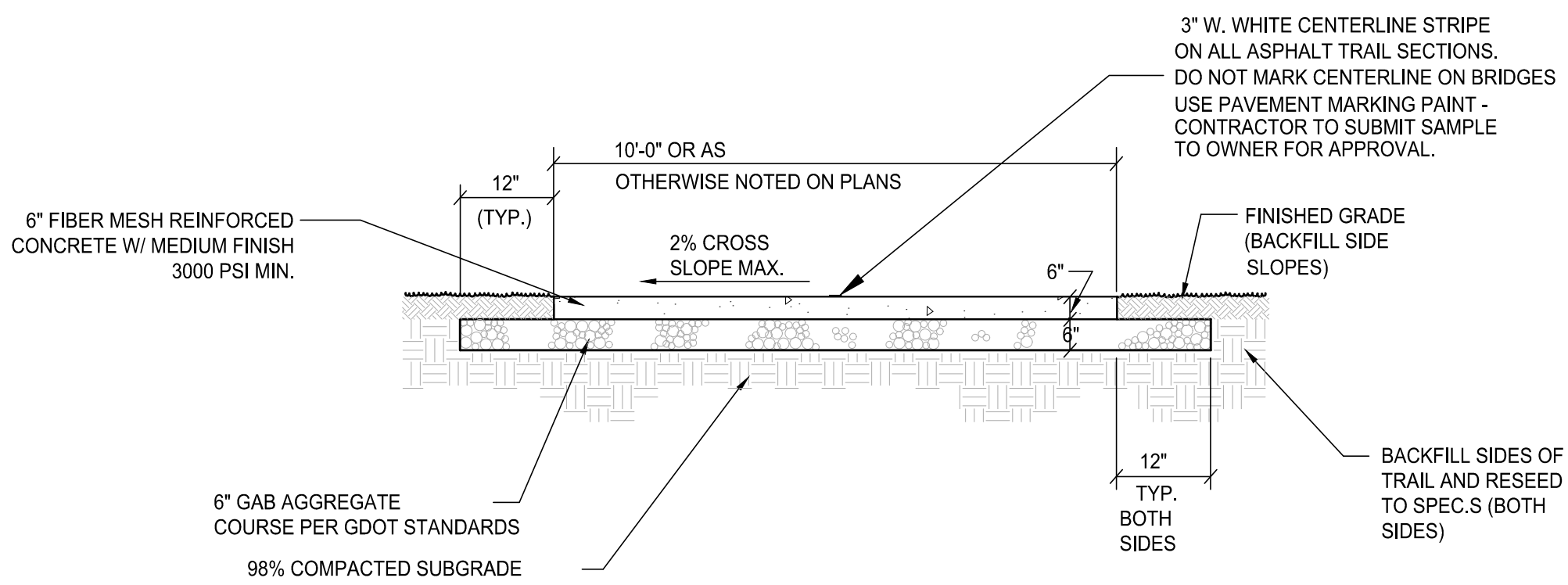
SITE DETAILS

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE N.T.S.
CHECKED BY DMV	

SHEET NO.

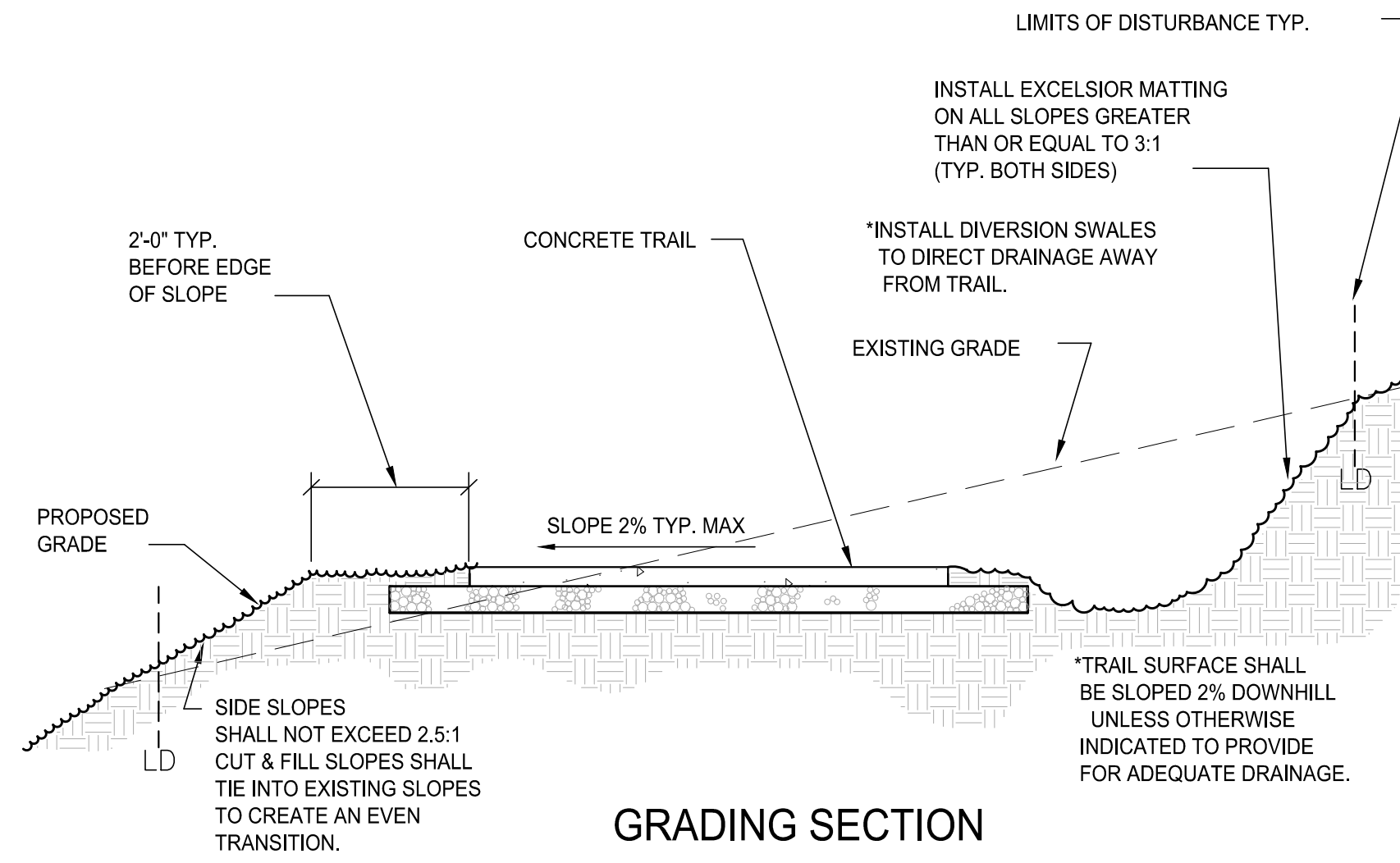
ASPHALT TRAIL NOTES:

*TRAIL EDGES SHALL BE "DRESSED OUT" TO AN EVEN LEVEL GRADE. BACKFILLED EDGES SHALL BE FREE OF ABC, BRICKS, BOULDERS, OR OTHER CONSTRUCTION DEBRIS.
 *TRAIL DRESS OUT SHALL BE CONDUCTED IN A MANNER SO AS TO CAUSE NO DAMAGE TO THE TRAIL SURFACE OR EDGES. ANY DAMAGED AREAS SHALL BE IMMEDIATELY REPAIRED.
 *SEEDING AND MULCHING OPERATIONS SHALL COVER ALL DISTURBED AREAS.
 *NOTIFY ARCHITECT IF TRAIL ROUTE INTERFERES WITH OVERSTORY SPECIMEN TREES OVER 18" D.B.H. PINE, POPLAR & SWEETGUM SPECIMEN TREES OVER 25" D.B.H AND UNDERSTORY SMALL TREES OVER 8" D.B.H. LANDSCAPE ARCHITECT WILL SUGGEST RE-ROUTING TO AVOID REMOVAL OF SUCH TREES.
 *STAKE TRAIL CENTERLINE @ 50' INTERVALS IN FIELD AND NOTIFY LANDSCAPE ARCHITECT AND OWNER PRIOR TO CONSTRUCTION FOR TRAIL ALIGNMENT APPROVAL. FIELD ADJUSTMENTS TO SAVE SPECIMEN TREES SHOULD BE ANTICIPATED.

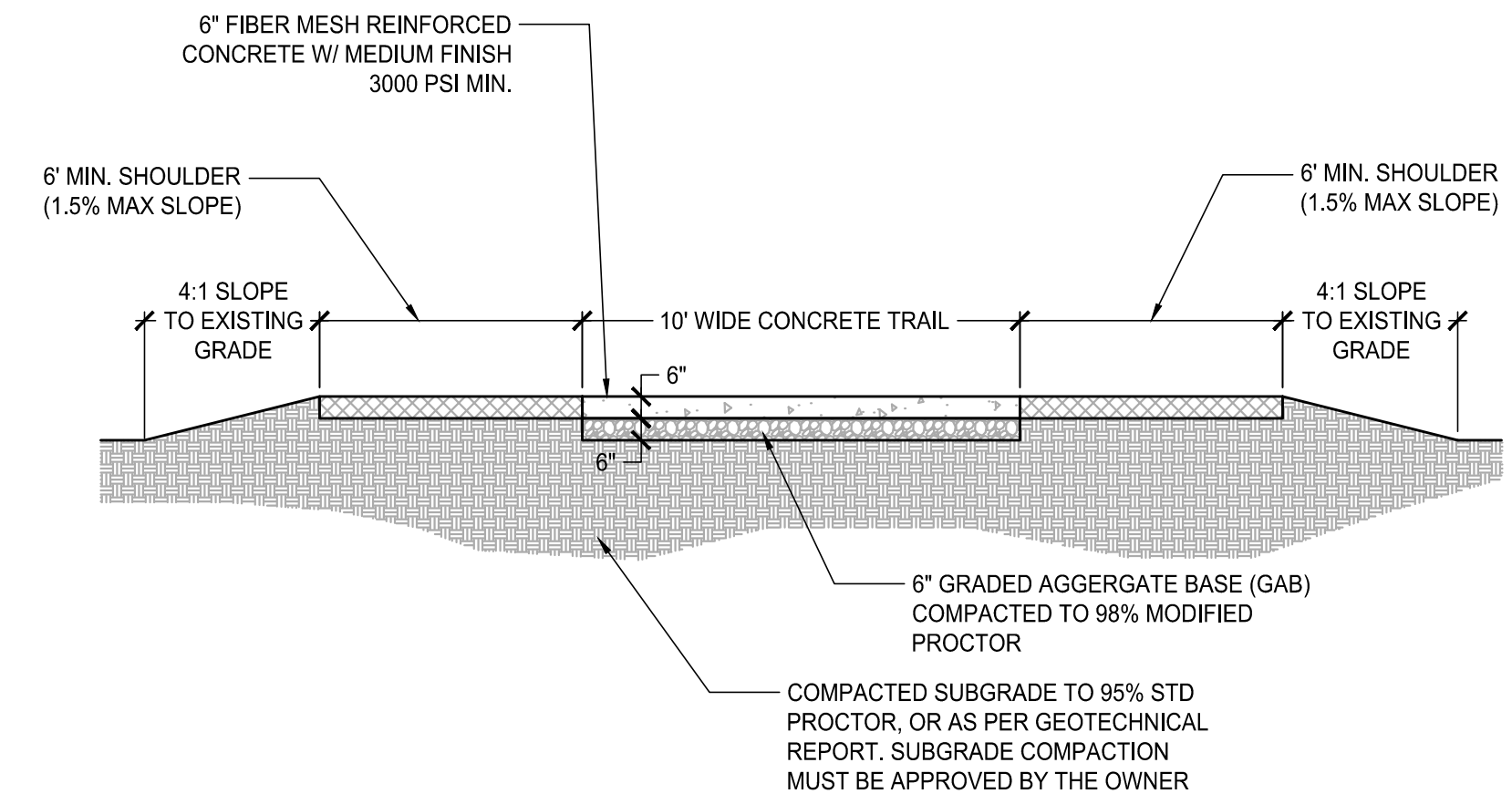


01 CONCRETE TRAIL SECTION

SCALE: N.T.S.

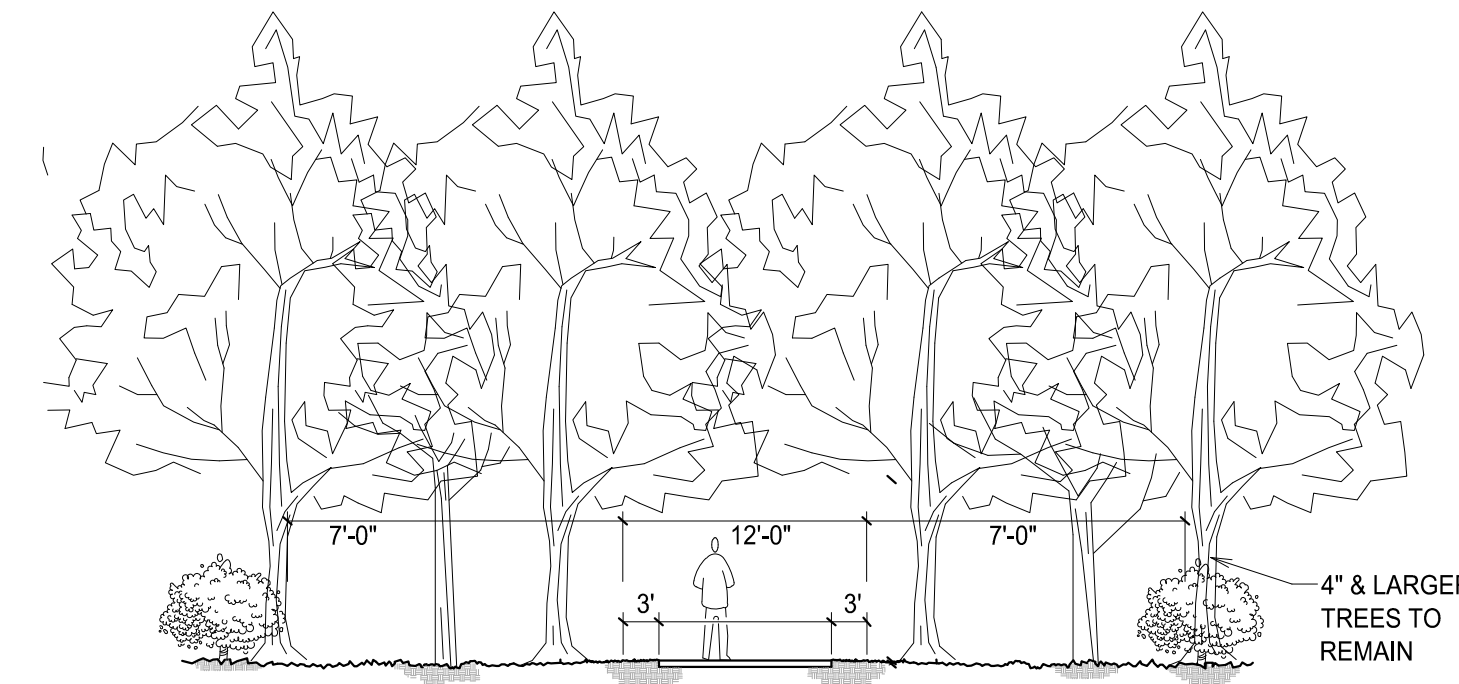


GRADING SECTION



CONCRETE TRAIL SECTION - EASEMENT CROSSING

SCALE: N.T.S.



- 1. LANDSCAPE ARCHITECT SHALL FLAG TREES FOR REMOVAL. ADDITIONAL TREES MAY BE REMOVED BY CONTRACTOR AFTER ON-SITE CONSULTATION AND AGREEMENT OF LANDSCAPE ARCHITECT.
- 2. CONTRACTOR SHALL COMPLETELY CLEAR VEGETATION WITHIN 3' OF TRAIL EDGE, EXCEPT TREES 4" AND LARGER. CONTRACTOR SHALL CLEAR FOREST UNDERSTORY (TREES LESS THAN 4" CAL.) AND BRUSH FOR A DISTANCE OF 10' ON BOTH SIDES OF THE TRAIL. < OF TREES SHALL BE LIMBED UP TO A VERTICAL DISTANCE OF 10' FROM THE FOREST FLOOR IN THE 10' WIDE ZONE. BRANCHES SHALL BE CUT FLUSH WITH STANDARD TREE PRUNING EQUIPMENT, AS CALLED FOR IN THE TREE PRUNING SPECIFICATION & DETAIL 2A/C4.06
- 3. CONTRACTOR SHALL USE WOOD CHIPPER TO DISPOSE OF LANDSCAPE CLEARING DEBRIS. WOOD CHIPS SHALL BE BLOWN INTO WOODS ADJACENT TO TRAIL. CONTRACTOR SHALL USE ALL PRACTICABLE MEANS TO REDUCE AMOUNT OF WASTE SENT FROM THIS JOB SITE TO LANDFILL.
- 4. IN AREAS WHERE TRAIL IS ROUTED ADJACENT TO WOODS EDGE, UNDERSTORY CLEARING SHALL EXTEND 15' INTO WOODS.
- 5. SEED AREA WITHIN CLEARING LIMITS ONLY IN FLOODPLAIN AS CALLED FOR IN SPECIFICATIONS

03 VEGETATION CLEARING FOR TRAILS

SCALE: N.T.S.

GENERAL:

- 1. UNLESS OTHERWISE NOTED, SEEDING SHALL BE INSTALLED ON ALL CUT AND FILL SLOPES, SHOULDERS, AND DISTURBED AREAS GENERATED BY CONSTRUCTION.
- 2. SEEDING SHALL BE INSTALLED AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED.

SOIL SPECIFICATION:

- 1. ALL SOIL IN LANDSCAPE BEDS TO BE AMENDED TO A DEPTH OF 3" TO 4" WITH NATIVE TOPSOIL WITH 5-10% FINISHED COMPOST / SOLID HUMATES AS THE ORGANIC MATTER. TO BE TILLED INTO THE EXPOSED CLAY SUBSOIL TO A DEPTH OF AT LEAST 3"

SEEDING PROCEDURES (REFER TO TABLES AT RIGHT FOR APPLICATION RATES):

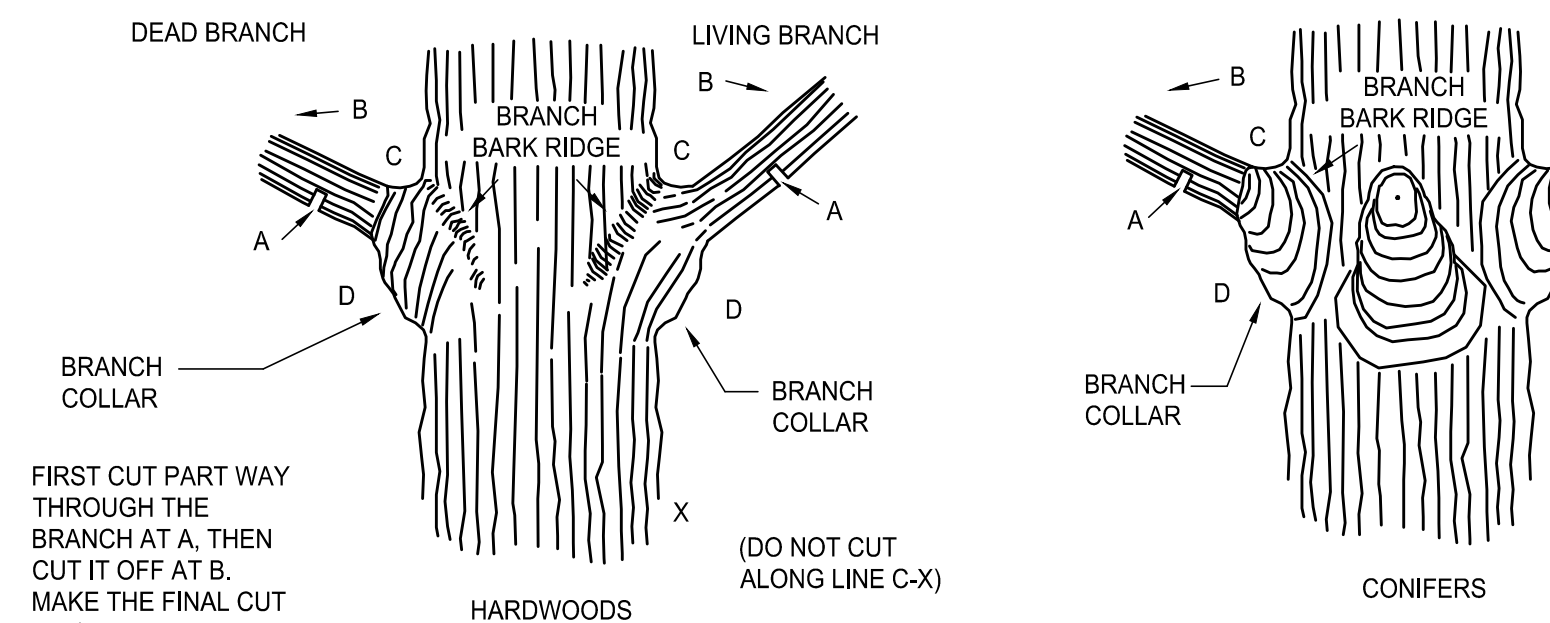
- 1. SHAPE AND SMOOTH GRADE WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES.
- 2. SPREAD LIME AND FERTILIZER IN DRY FORM UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION.
- 3. SCARIFY SEEDBED TO A DEPTH OF 1" TO 4" AS DETERMINED ON-SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED PRIOR TO SEED INSTALLATION.
- 4. DISTRIBUTE SEED UNIFORMLY OVER FRESHLY PREPARED SEEDBED WITH CULTPACKER-SEEDER, DRILL, ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER.
- 5. WITHIN 24 HOURS AFTER SEEDING, STRAW OR HAY MULCH SHALL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25% OF THE GROUND SURFACE EXPOSED. MULCH SHALL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AS IT IS SPREAD. A DISK HARROW WITH THE DISK SET OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL.
- 6. WITHIN 24 HOURS AFTER SEEDING AN PLACEMENT OF MULCH, WATER AREA TO A SATURATION DEPTH OF 3".

MAINTENANCE:

- 1. WHEN PLANTS ARE 2" TO 4" TALL, TOPDRESS AREA WITH SEED AND APPLY FERTILIZER (5-10-15) AT A RATE OF 300 LBS. / ACRE.
- 2. AT THE BEGINNING OF THE SECOND GROWING SEASON, APPLY FERTILIZER (5-10-15) AT A RATE OF 800 LBS. / ACRE.

6 DISTURBED AREA SEEDING

SCALE: N.T.S.

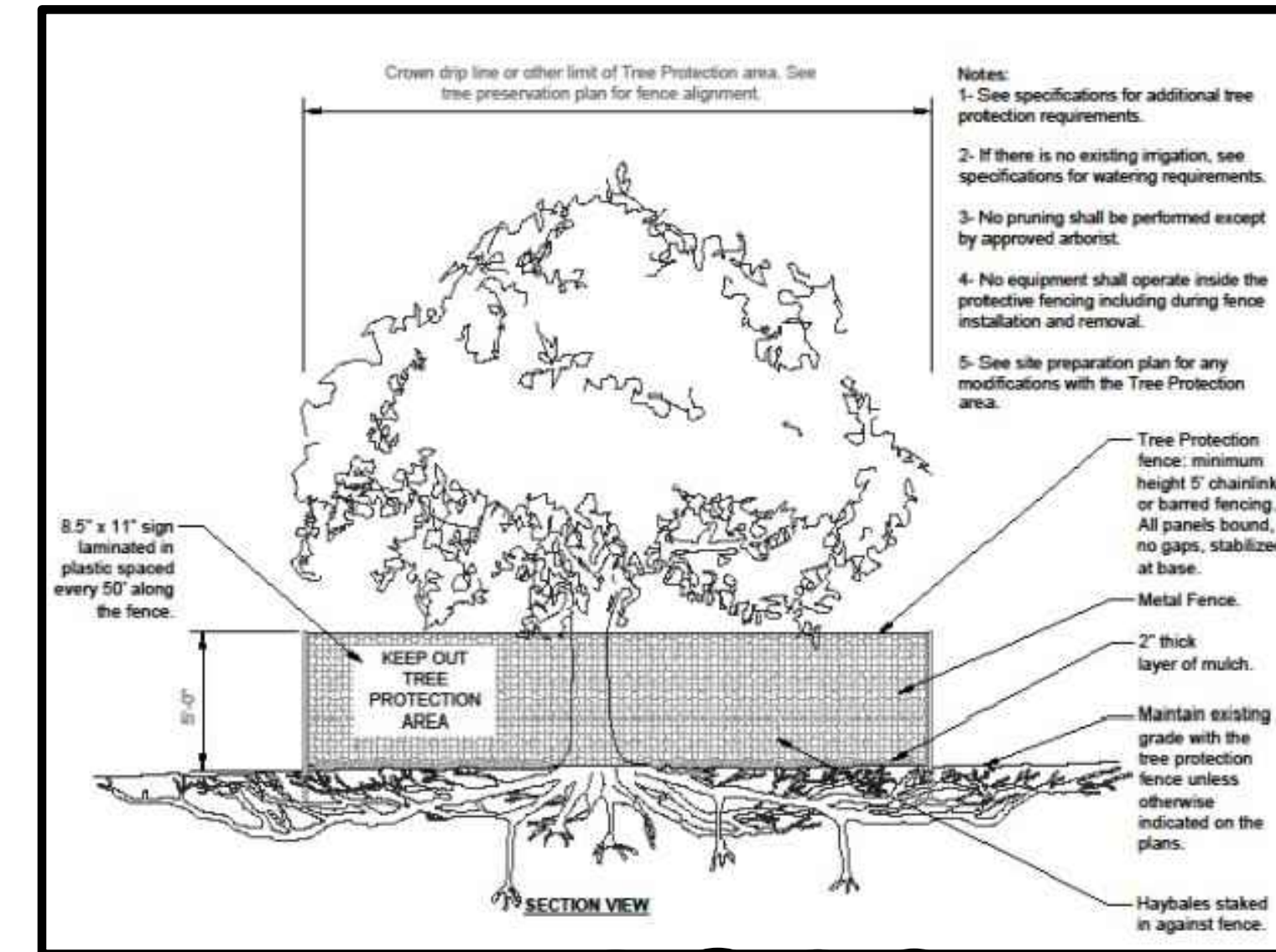


THANKS LARGELY TO THE WORK OF DR. ALEX L. SHIGO AND OTHERS SCIENTISTS AT THE USDA FOREST SERVICE'S NORTHEASTERN FOREST EXPERIMENT STATION IN DURHAM, NH, MUCH IS NOW UNDERSTOOD ABOUT A TREE'S NATURAL SYSTEM OF DEFENSE AGAINST INFECTIONS FROM WOUNDS. BASED ON THIS KNOWLEDGE, THESE METHODS OF MAKING PRUNING CUTS ARE RECOMMENDED TO HELP WORK WITH RATHER THAN AGAINST A TREE'S NATURAL TENDENCY TO WALL OFF INJURED TISSUES AND PREVENT THE SPREAD OF DECAY. IN THESE ILLUSTRATIONS, FINAL CUTS SHOULD BE MADE FROM POINTS C TO D. DO NOT CUT ALONG LINE C-X WHICH IS SIMPLY AN IMAGINARY VERTICAL LINE TO HELP YOU LOCATE C-D

TREE PRUNING TO BE PERFORMED AS NEEDED BY THE CONTRACTOR

04 TREE PRUNING

SCALE: N.T.S.



TREE PROTECTION - MACHINE TRENCHING
 NO MACHINE TRENCHING THROUGH CRITICAL ROOT ZONE. HAND-DIG WHERE SILT FENCE (SD-1) CROSSES THE CRITICAL ROOT ZONE OF ANY TREE. ROOT PRUNE AS NEEDED ACCORDING TO ISA / ANSI PROFESSIONAL STANDARDS.

5 TREE PROTECTION (BROOKHAVEN)

SCALE: N.T.S.



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GEORGIA
 MURPHEY CANDLER TRAIL - SOUTH
 SITE DEVELOPMENT PLAN
 CITY OF BROOKHAVEN
 BROOKHAVEN

SUBMITTALS / REVISIONS	
NO.	DATE DESCRIPTION
1	09.09.2022 PERMIT REVISIONS

PERMIT DRAWINGS

SHEET TITLE

SITE DETAILS

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE N.T.S.
CHECKED BY DMY	
SHEET NO.	

C4.01
 APPROVED PLAN 09/20/2023
 Permit # LDP22-00012

C:\21031\2023\Revisions\LA Murphey Candler Trail South.dwg (30.00, 0.00, 0.00) (L) 11/10/2023 10:52:12 AM
 0:23/09/2023 Revisions: LA Murphey Candler Trail South.dwg (30.00, 0.00, 0.00) (L) 11/10/2023 10:52:12 AM

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GEORGIA

MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLAN

CITY OF BROOKHAVEN

BROOKHAVEN

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

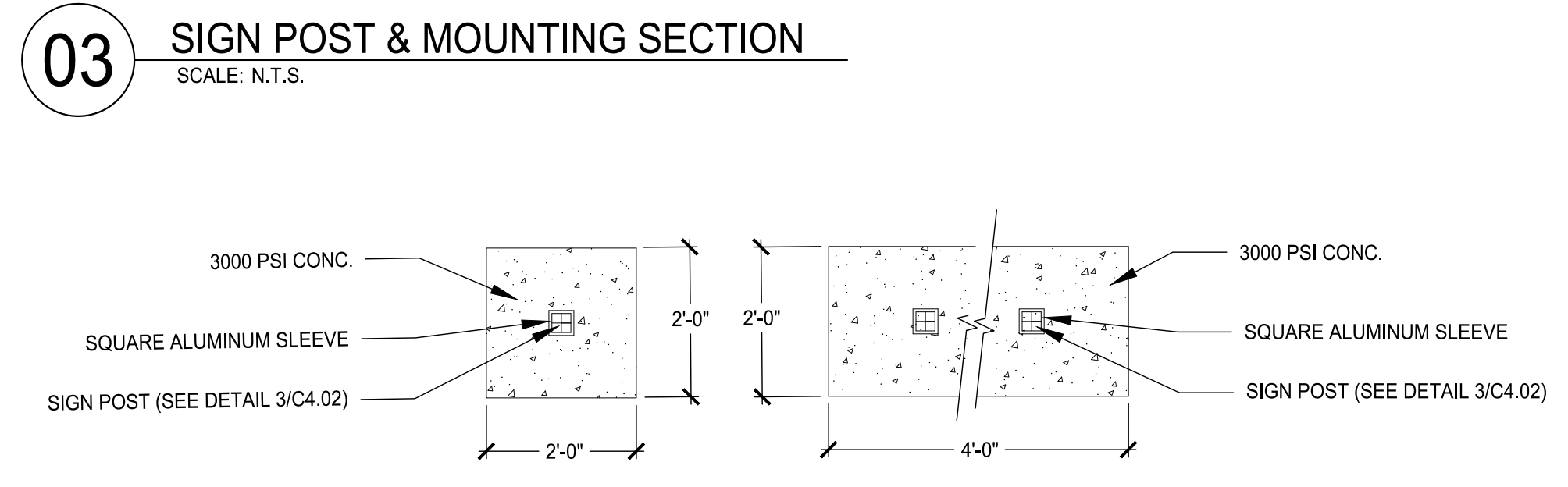
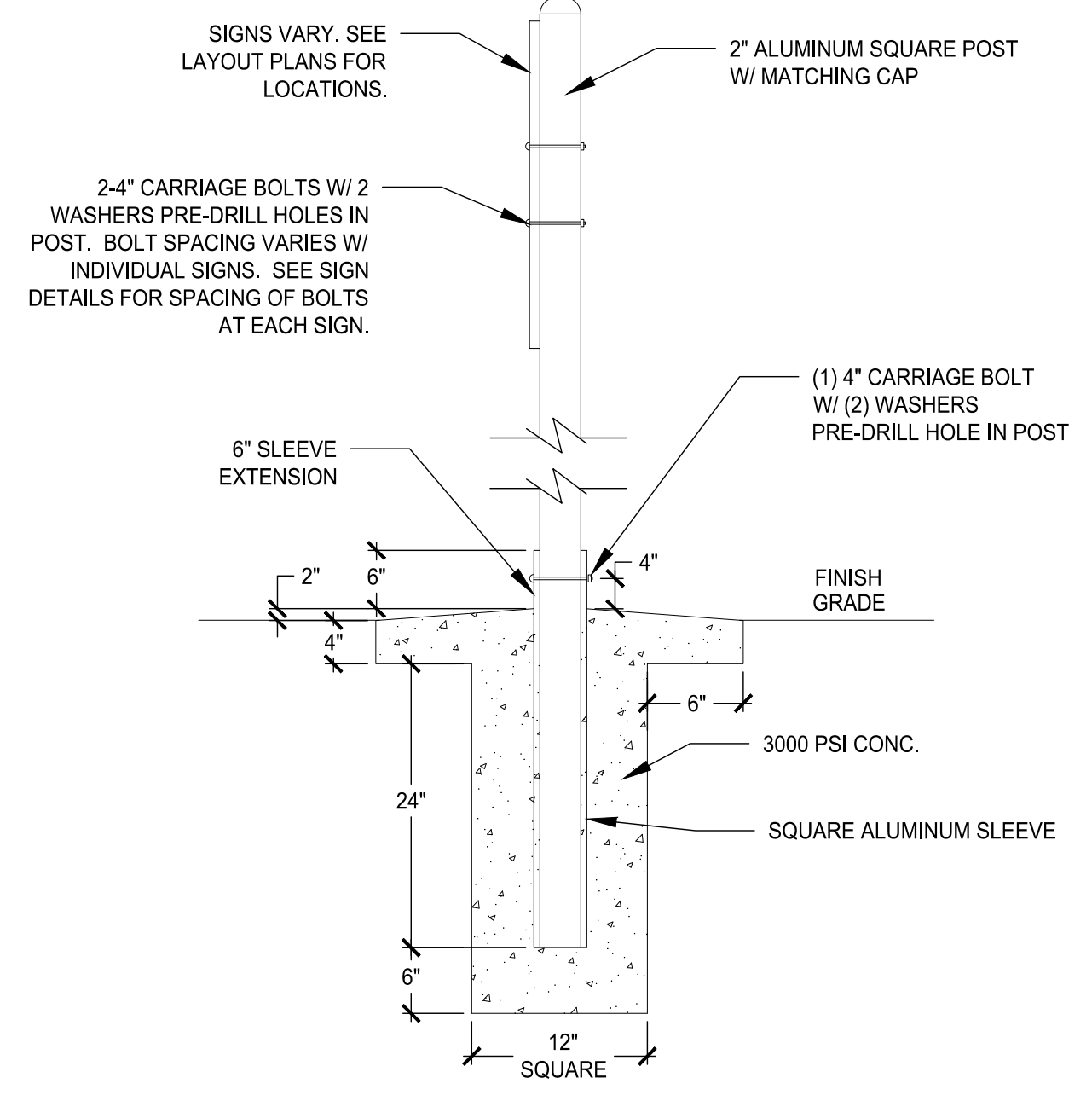
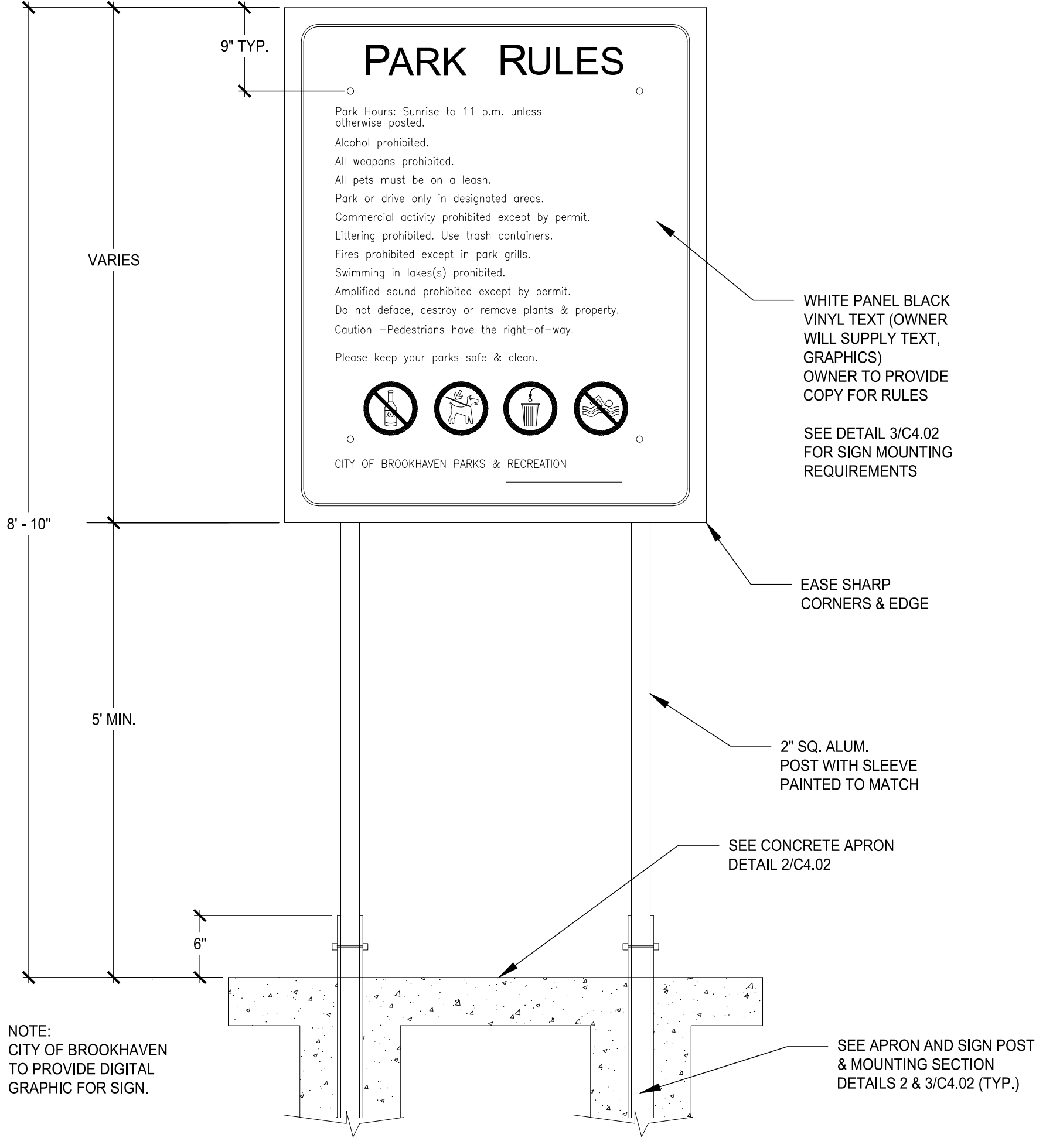
PERMIT DRAWINGS

SHEET TITLE

SITE DETAILS

PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY MTC	SCALE N.T.S.
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C4.02
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

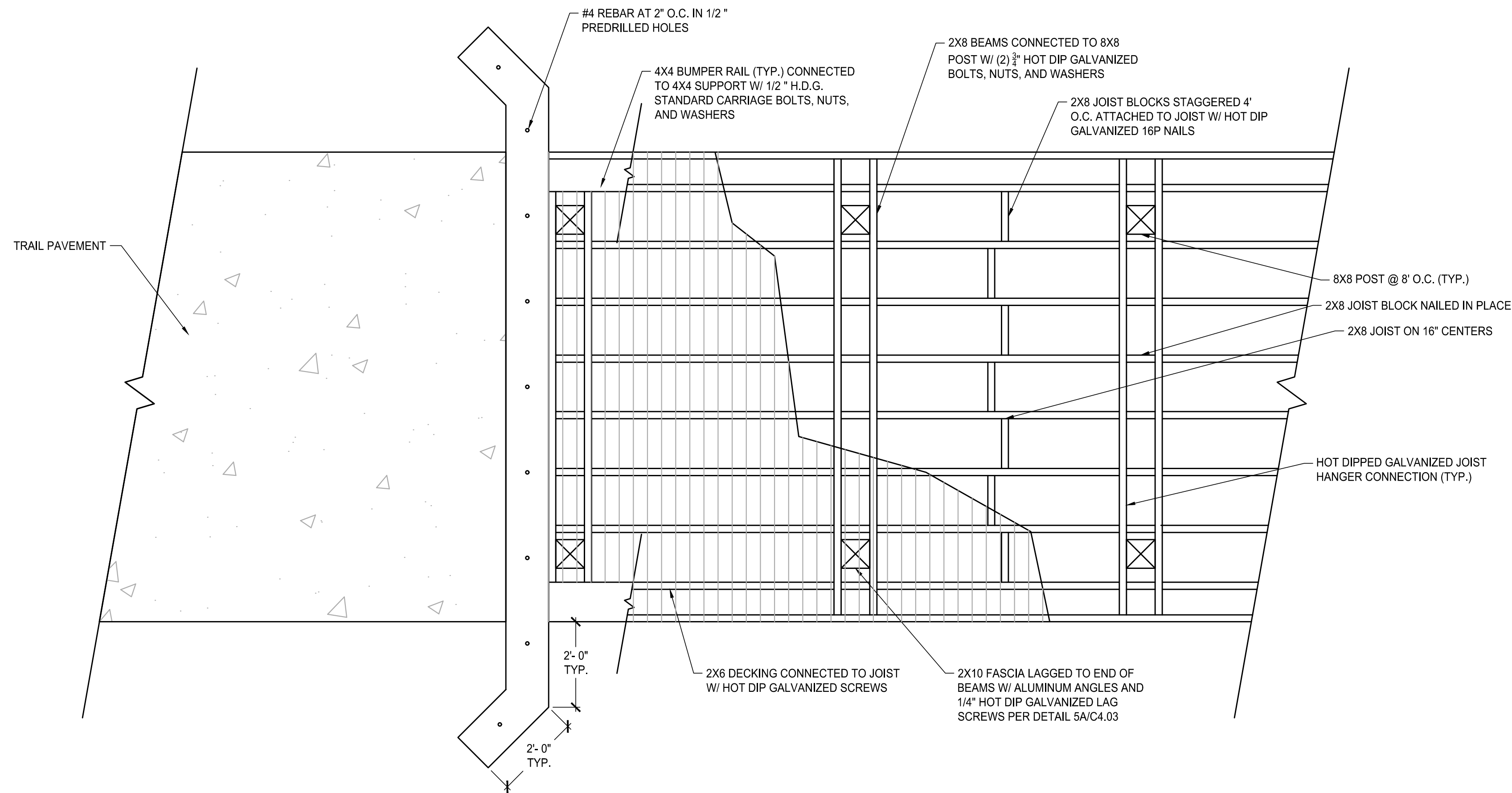


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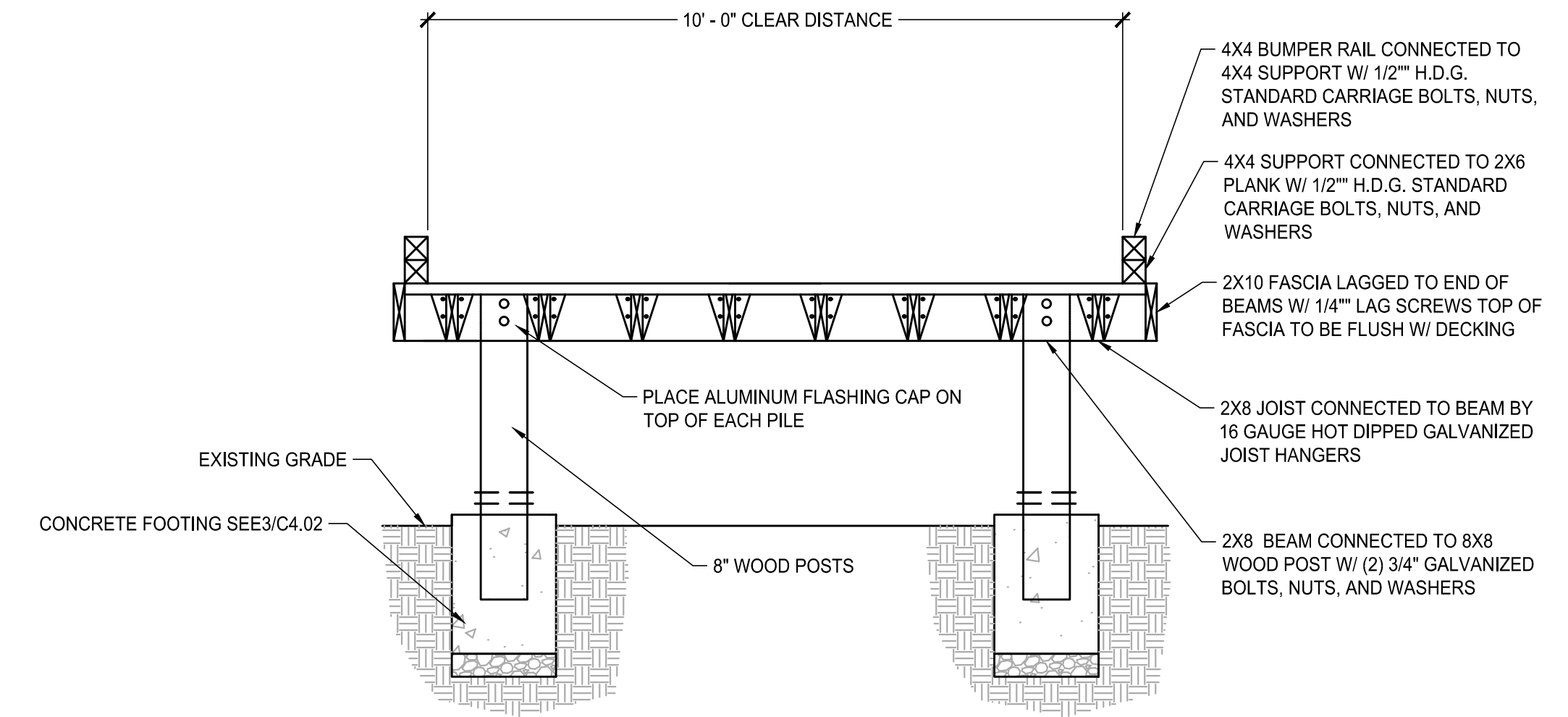
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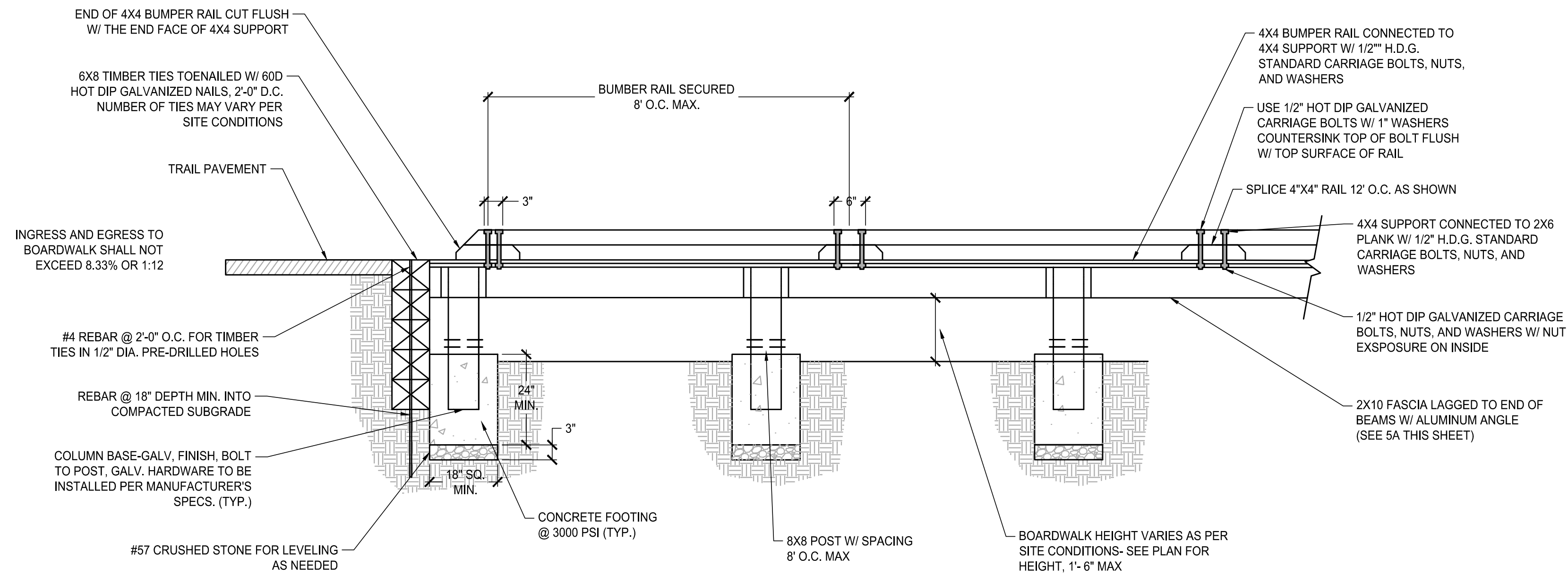
7-1-2022



01 LOW CROSSING PLAN DETAIL
SCALE: N.T.S.



02 LOW CROSSING SECTION
SCALE: N.T.S.



03 LOW CROSSING ELEVATION
SCALE: N.T.S.

- NOTES:**
- ATTACH BEAMS TO POST WITH 3/4" HOT DIP GALVANIZED CARRIAGE BOLT. USE LOCK WASHERS @ ALL NUTS.
 - USE TWO BOLTS AT OUTSIDE BEAMS TO POST CONNECTIONS
 - ATTACH DECKING TO JOIST W/ 2- 6 GAUGE 2 1/2" FLAT HEAD HOT DIPPED GALVANIZED SCREWS. SPACE DECK BOARDS 1/4". LINE UP SCREWS FULL LENGTH OF BOARDWALK.
 - ATTACH JOIST TO BEAMS W/ HOT DIP GALVANIZED JOIST HANGERS.
 - CONNECT TOP RAIL TO POST W/ 3" WOOD SCREWS (2 MIN. / JUNCTION). ALL CONNECTORS TO BE HOT DIP GALVANIZED.
 - SAND EDGES & FACE OF RUB RAIL & HANDRAIL TO REMOVE SPLINTERS.
 - SEAL ALL BOARDWALK STRUCTURES & OVERLOOK STRUCTURES WITH PENETRATING SEALERS AS MANUFACTURED BY THOMPSON OR EQUIVALENT UPON COMPLETING ALL CARPENTRY WORK EXCEPT WHERE PAINT IS CALLED FOR ON PLANS.
 - ALL NAILS, SCREWS, BOLTS, NUTS AND WASHERS TO BE HOT DIP GALVANIZED.
 - ALL 2x6 DECKING, RAIL CAPS AND HAND RAILS TO BE #1 DENSE PRESSURE TREATED SOUTHERN YELLOW PINE: AWPA C2, U1, T1 PRESSURE TREATED.
 - ALL OTHER MEMBERS TO BE NO.2 PTP - SEE SPECIFICATIONS FOR TREATMENT.
 - ALL STEEL HARDWARE USED FOR PIER CONSTRUCTION SHALL BE HOT-DIPPED GALVANIZED.
 - MINIMUM POLE PENETRATION FOR FIXED PIERS SHALL DEPEND ON SITE CONDITIONS. ALL PILES SHALL HAVE A CONCRETE FOOTING AS SHOWN.
 - SMALL MEMBERS SHALL HAVE PRE-DRILLED HOLES TO PREVENT SPLITTING DURING CONSTRUCTION.
 - ALL ANGLES AND STRUCTURAL PLATES SHALL BE HOT DIPPED GALVANIZED.
 - ANY DISCREPANCIES FOUND ON THIS DRAWING SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.

04 BOARDWALK NOTES
SCALE: N.T.S.

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

PERMIT DRAWINGS

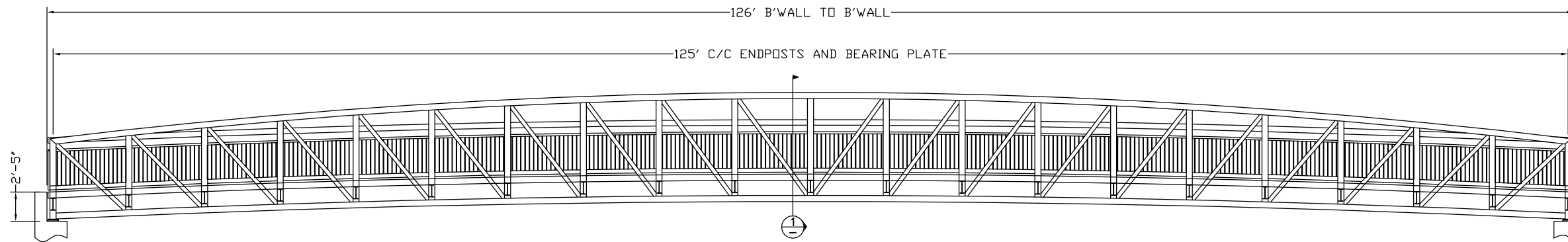
SHEET TITLE

SITE DETAILS - LOW CROSSING

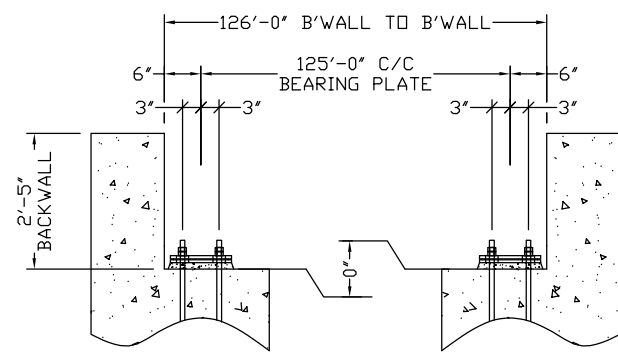
PROJECT NO. 21031	DATE 07/01/2022
DRAWN BY -	SCALE N.T.S.
CHECKED BY -	
SHEET NO.	

DESIGN CRITERIA

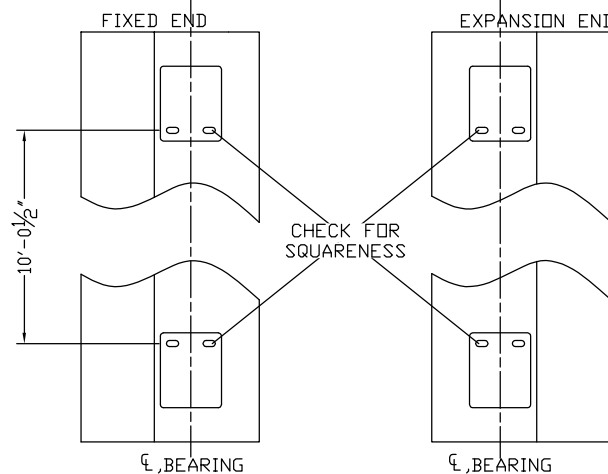
THIS BRIDGE IS DESIGNED BASED ON THE FOLLOWING CRITERIA:
 1. DEAD LOAD OF 107 PSF PLUS EVENLY DISTRIBUTED LIVE LOAD OF 90 PSF.
 2. DEAD LOAD PLUS CONCENTRATED LIVE LOAD OF 10,000 POUNDS.
 3. WIND LOAD OF 35 PSF CALCULATED ON THE ENTIRE PROJECTED VERTICAL SURFACE AS THOUGH FULLY ENCLOSED PER AASHTO.



SIDE ELEVATION VIEW



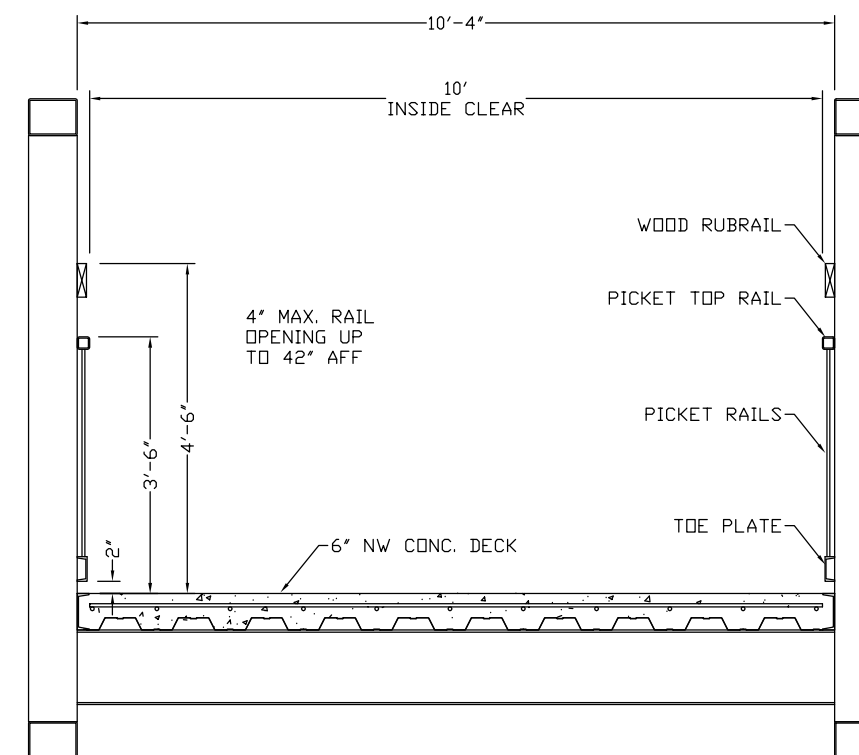
FOUNDATION SIDE ELEVATION



FOUNDATION PLAN VIEW

UNFACTORED ABUTMENT REACTIONS
 (EXCLUDES IMPACT)
 VERT. DL = 66.9 KIPS
 VERT. LL = 56.3 KIPS
 HORIZ. (WIND) = 18.4 KIPS
 THERMAL LONG. = 13.4 KIPS
 NET UPLIFT (WIND) AT ONE BP = NONE
 NET FACTORED UPLIFT = NONE

*NOTE: DIMENSIONS AND REACTIONS ARE SUBJECT TO CHANGE BASED ON FINAL DESIGN.



SECTION 1

PRELIMINARY NOT FOR CONSTRUCTION

PI	PRELIMINARY DRAWING	AF 2/4/22	KW 2/4/22
REV	DESCRIPTION	BY/DATE	CHECKED BY
		A DIVISION OF BAILEY BRIDGES, INC. 119 40th Street NE Fort Payne, AL 35967 1-866-708-5778	
PROJECT: MURPHY CANDLER PARK PED. BRIDGE		DRAWN BY: AF	
ADDRESS: BROOKHAVEN, GA		APPROVED BY:	
		CHECKED BY: KW	
DESCRIPTION: 10'x125' CORNERSTONE PEDESTRIAN BRIDGE			
THIS BRIDGE STRUCTURE SHALL NOT BE FIELD MODIFIED IN ANY WAY WITHOUT THE CONSENT AND APPROVAL OF PIONEER BRIDGES. THESE DRAWINGS ARE THE PROPERTY OF PIONEER BRIDGES AND ARE NOT TO BE COPIED OR USED IN ANY MANNER DETRIMENTAL WITHOUT THEIR WRITTEN CONSENT.			

APPROVED PLAN 09/26/2023
 Permit # LP22-00612

STRUCTURAL GENERAL NOTES

DESIGN AND CODE INFORMATION

1. All construction shall conform to the 2018 INTERNATIONAL BUILDING CODE with 2020 GEORGIA STATE AMENDMENTS.
2. Verify existing conditions and dimensions. Immediately notify the engineer of record of any conditions which do not comply with plans and specifications. Structural drawings shall be coordinated with the civil drawings.
3. Contract documents shall not be reproduced for use as shop drawings.
4. The design adequacy of all temporary bracing and shoring is the sole responsibility of the contractor.
5. Refer to architectural, mechanical, plumbing, electrical, and civil drawings for locations of miscellaneous items (openings, bent plates, inserts, etc.) affecting structural work.
6. **DEAD LOADS**
 - 6.1. Boardwalk:
 - 6.1.1. Selfweight
 - 6.1.2. Miscellaneous: 5 psf
 - 6.2. Pedestrian Bridge
 - 6.2.1. Selfweight
7. **LIVE LOADS**
 - 7.1. Bridge: 125 psf
 - 7.2. Boardwalk: 100 psf
 - 7.3. Wall surcharge load – plazas: 100 psf
 - 7.4. Observation platforms: 100 psf
 - 7.5. Boardwalk Handrails (Design & detailing by others):
 - 7.5.1. Uniform Load: 50 plf in any direction
 - 7.5.2. Concentrated Load: 200 lb at any point in any direction
8. **WIND DATA** (per ASCE 7-16):
 - 8.1. Basic Wind Speed (3-sec gust): Vult = 106 mph Vasd = 90 mph
 - 8.2. Risk Category: II
 - 8.3. Exposure Category: B
9. **SEISMIC DATA** (per ASCE 7-10):
 - 9.1. Risk Category: II
 - 9.2. Importance Factor: I = 1.0
 - 9.3. Mapped Spectral Response Accelerations:
 - 9.3.1. $S_s = 0.198$
 - 9.3.2. $S_1 = 0.092$
 - 9.4. Site Class: D
 - 9.5. Spectral Response Coefficients:
 - 9.5.1. $S_{ds} = 0.211$
 - 9.5.2. $S_{d1} = 0.148$
 - 9.6. Seismic Design Category: C
 - 9.7. Basic Seismic Force Resisting System
 - 9.7.1. Bridges: Inverted Pendulum Structure
 - 9.7.2. Boardwalks: Braced Wood Frames
 - 9.8. Response Modification Coefficient:
 - 9.8.1. Bridge: R = 2.0
 - 9.8.2. Boardwalk: R = 1.5
 - 9.9. Seismic Response Coefficient,
 - 9.9.1. Bridge: $C_s = 0.1408$
 - 9.9.2. Boardwalk: $C_s = 0.1408$
 - 9.10. Base Shear:
 - 9.10.1. Bridge:
 - 9.10.1.1. Total = 125.3 kips
 - 9.10.1.2. Ea Pier = 23.3 kips, maximum
 - 9.10.2. Boardwalk: 3.38 kips

SPECIAL INSPECTIONS AND TESTING

1. Boardwalk: Special Inspections not required.
2. Retaining Walls: Inspections not required per local Code
3. Pedestrian Bridge: Refer to sheet S3.02 for Special Inspections Requirements

STRUCTURAL OBSERVATIONS

1. The Structural Engineer of Record has not been employed to perform periodic visual observation of the structures during construction for general conformance to the contract design drawings.

FOUNDATION NOTES

1. The foundation design is based the following assumptions.
2. Contractor shall thoroughly read and understand the recommendations contained in the geotechnical report prior to start of construction. The report requires remedial work to be done to some areas of the subgrade prior to construction of the structures' foundations.
3. Footings are designed to bear on uniform soils capable of supporting 3000 psf. Design assume differential and total settlements are within accepted tolerances for the type of construction used.
4. The soil bearing capacity and consistency shall be verified for the foundation limits by a professional geotechnical engineer registered in the project state when the foundation excavations have been carried down to the proposed elevations. The bottom of all footings shall be a minimum of 2'-0" below finished grade.
5. Where footing excavations are to remain open and may be exposed to rainfall, the excavations shall be undercut and a 3 inch thick mud mat of 2000 psi concrete shall be placed in the bottom to protect the soils.

BOARDWALK BENTS & BRACING DESIGN NOTES:

1. All wood shall be pressure treated & rated for ground contact.
2. Minimum design loads:
 - 2.1. Dead – structure selfweight + 5 psf
 - 2.2. Live – 100 psf
 - 2.3. Wind – Calculated per ASCE 7-10
 - 2.4. Seismic – Calculated per ASCE 7-10

REINFORCED CONCRETE

1. The design of all concrete work shall conform to ACI 318-14 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
2. Reinforcing steel shall be deformed bars meeting the requirements of ASTM A615, Grade 60.
3. The 28-day compressive strength of all cast-in-place concrete shall be:
 - 3.1. Boardwalks' footings – 3000 psi
 - 3.2. Bridge abutments, foundations – 4000 psi
 - 3.3. Walls, piers, beams – 4000 psi
 - 3.4. Site concrete – see Civil Drawings
4. All concrete shall be air-entrained.
5. Lap splices for reinforcing bars shall be as follows per ACI 318-11:

BAR SIZE	STD LAP	1.3 x STD LAP
4	24"	32"
5	32"	40"
6	37"	48"
7	54"	70"
8	62"	80"
9	70"	92"

Use Std Lap lengths except when horizontal reinforcing has more than 12" of fresh concrete cast below it, then use 1.3 x Std Lap lengths.

6. Clear concrete cover for reinforcing steel shall be:
 - 6.1. Footings cast against soil or rock – 3"
 - 6.2. Footing cast against forms – 2"
 - 6.3. Walls – 2"
7. Longitudinal reinforcing in footings and walls shall be continuous around corners.
8. Mechanical vibrators shall be used to vibrate all concrete.
9. Chamfer exposed corners of walls $\frac{3}{4}$ ".
10. Exposed faces of bridge abutment walls shall be formed with form liners as specified by the owner.
11. Concrete shall be sampled and tested in accordance with project specifications. A copy of all concrete compressive strength tests

reports shall be kept at the job site at all times for review by the inspector.

LUMBER FRAMING

1. All framing members shall be Southern Yellow Pine, 19% moisture content unless otherwise noted, and the following grades:
 - 1.1. 2x members: No. 2
 - 1.2. 4x6, 6x6 members: Select Structural
2. All framing members shall be pressure treated, rated for ground contact.
3. All metal connectors shall be manufactured by Simpson Strong-Tie, Inc. or equivalent.
4. All screws used in wood connections shall be 'SDWS' screws as manufactured by Simpson Strong-Tie.
5. All bolts shall meet the requirements of ASTM A307 or F1554.
6. All metal connectors, screws, bolts, nuts, washers, etc., shall be hot dipped galvanized. All Simpson products shall be either hot dipped galvanized or have a Z-MAX coating.

LOSE DESIGN
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EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(615) 751-8199
(615) 781-4088
EMC Project No. 21346



MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLANS
CITY OF BROOKHAVEN

GEORGIA

BROOKHAVEN

SUBMITTALS/REVISIONS

NO.	DATE	DESCRIPTION

PERMIT SET

SHEET TITLE

STRUCTURAL GENERAL NOTES

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE
CHECKED BY EMC	
SHEET NO.	

S0.01

STRUCTURAL SPECIAL INSPECTION SCHEDULES - PEDESTRIAN BRIDGE:

THE STATEMENT OF SPECIAL INSPECTION IS SUBMITTED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION AND STRUCTURAL TESTING REQUIREMENTS OF THE BUILDING CODE. IT INCLUDES A SCHEDULE OF SPECIAL INSPECTION SERVICES APPLICABLE TO THIS PROJECT.

THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. DISCOVERED DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITIES.

INTERIM REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.

A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTION, TESTING, AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY. JOB-SITE SAFETY AND MEAN AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

SPECIAL INSPECTION SCHEDULE: FABRICATORS			
VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. VERIFY FABRICATION AND IMPLEMENTATION PROCEDURES:			
A. STEEL CONSTRUCTION - BRIDGES	N	--	--
B. CONCRETE CONSTRUCTION (INCLUDING REBAR FABRICATION)	N	--	--
C. WOOD CONSTRUCTION	N	--	--
D. COLD-FORMED METAL CONSTRUCTION	N	--	--
E. OTHER CONSTRUCTION	N	--	--

SPECIAL INSPECTION SCHEDULE: SOILS			
VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	Y	--	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	Y	--	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	Y	--	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	Y	X	--
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	Y	--	X

SPECIAL INSPECTION SCHEDULE: CAST-IN-PLACE FOUNDATION ELEMENTS			
VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE FOUNDATION CONSTRUCTION IN ACCORDANCE WITH THE SPECIAL INSPECTION SCHEDULE			
A. ISOLATED SPREAD CONCRETE FOOTINGS	Y	--	X
B. CONTINUOUS CONCRETE FOOTINGS SUPPORTING WALLS	Y	--	X
C. CONCRETE FOUNDATION WALLS	Y	--	X

SPECIAL INSPECTION SCHEDULE: CONCRETE CONSTRUCTION			
VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY	
		CONTINUOUS	PERIODIC
1. INSPECTION OF REINFORCING STEEL, INCLUDING PLACEMENT.	Y	X	--
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH THE SPECIAL INSPECTION SCHEDULE: STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL, ITEM 3.	N	--	--
3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	Y	--	X
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.	Y	--	X
5. VERIFYING USE OF REQUIRED DESIGN MIX.	Y	--	X
6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Y	X	--
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Y	--	X
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	Y	--	X
9. INSPECTION OF PRESTRESSED CONCRETE:			
A. APPLICATION OF PRESTRESSING FORCES	N	--	--
B. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING SYSTEM.	N	--	--
10. ERECTION OF PRECAST CONCRETE MEMBERS.	Y	X	--
11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	N	--	--
12. INSPECT FORMWORK FOR SHAPE, LOCATIONS AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	Y	X	--

LOSE DESIGN
SPACES FOR LIFE.

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MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLANS
CITY OF BROOKHAVEN

GEORGIA

BROOKHAVEN

SUBMITTALS/REVISIONS

NO.	DATE	DESCRIPTION

PERMIT SET

SHEET TITLE

STRUCTURAL
SPECIAL INSPECTION
PLAN

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE
CHECKED BY EMC	
SHEET NO.	

S0.02

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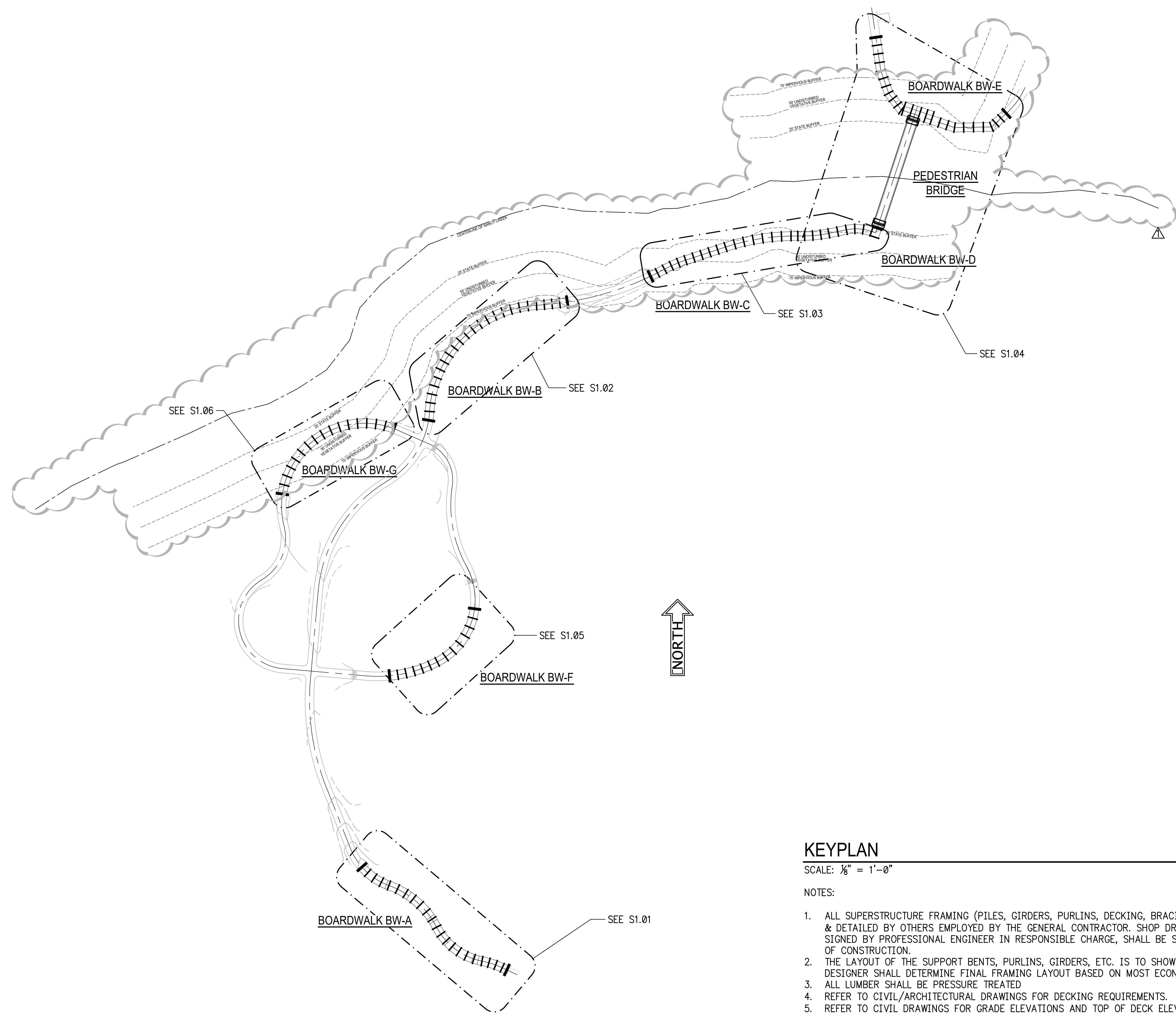
MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLANS
CITY OF BROOKHAVEN

SUBMITTALS/REVISIONS		
NO.	DATE	DESCRIPTION
Δ	08.30.2022	PERMIT COMMENTS

PERMIT SET
SHEET TITLE
KEYPLAN

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE NONE
CHECKED BY EMC	
SHEET NO.	

S1.00
APPROVED PLAN 09/20/2023
Permit # LDP22-00012

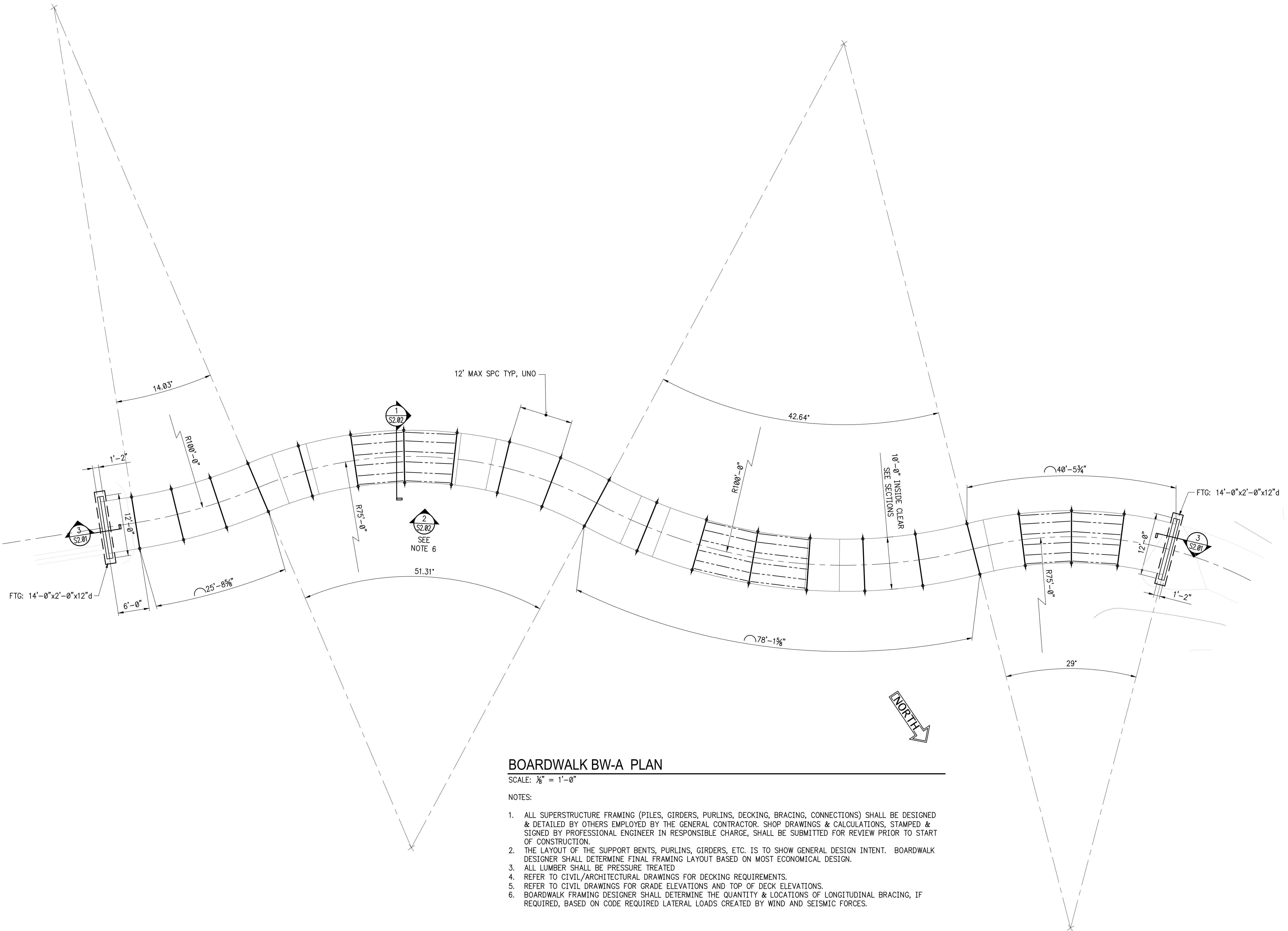


KEYPLAN

SCALE: 1/8" = 1'-0"

NOTES:

1. ALL SUPERSTRUCTURE FRAMING (PILES, GIRDERS, PURLINS, DECKING, BRACING, CONNECTIONS) SHALL BE DESIGNED & DETAILED BY OTHERS EMPLOYED BY THE GENERAL CONTRACTOR. SHOP DRAWINGS & CALCULATIONS, STAMPED & SIGNED BY PROFESSIONAL ENGINEER IN RESPONSIBLE CHARGE, SHALL BE SUBMITTED FOR REVIEW PRIOR TO START OF CONSTRUCTION.
2. THE LAYOUT OF THE SUPPORT BENTS, PURLINS, GIRDERS, ETC. IS TO SHOW GENERAL DESIGN INTENT. BOARDWALK DESIGNER SHALL DETERMINE FINAL FRAMING LAYOUT BASED ON MOST ECONOMICAL DESIGN.
3. ALL LUMBER SHALL BE PRESSURE TREATED
4. REFER TO CIVIL/ARCHITECTURAL DRAWINGS FOR DECKING REQUIREMENTS.
5. REFER TO CIVIL DRAWINGS FOR GRADE ELEVATIONS AND TOP OF DECK ELEVATIONS.
6. BOARDWALK FRAMING DESIGNER SHALL DETERMINE THE QUANTITY & LOCATIONS OF LONGITUDINAL BRACING, IF REQUIRED, BASED ON CODE REQUIRED LATERAL LOADS CREATED BY WIND AND SEISMIC FORCES.



BOARDWALK BW-A PLAN

SCALE: $\frac{1}{8}'' = 1'-0''$

NOTES:

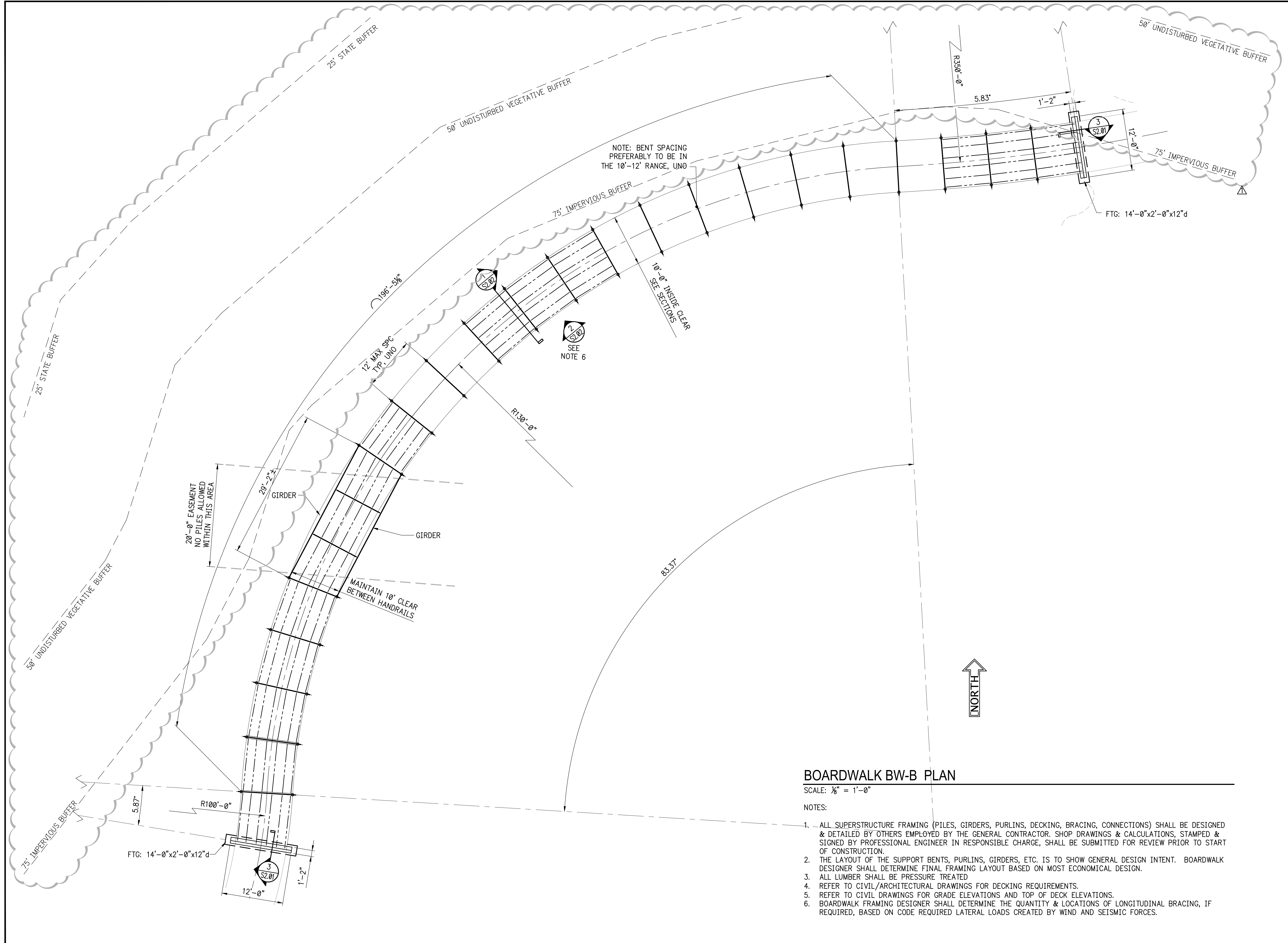
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SUBMITTALS/REVISIONS	
NO.	DESCRIPTION

PERMIT SET

SHEET TITLE
**BOARDWALK BW-A
PLAN LAYOUT**

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE $\frac{1}{8}'' = 1'-0''$
CHECKED BY EMC	
SHEET NO.	



NOTE: BENT SPACING
PREFERABLY TO BE IN
THE 10'-12' RANGE, UNO

SEE
NOTE 6

BOARDWALK BW-B PLAN

SCALE: 1/8" = 1'-0"

NOTES:

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- REFER TO CIVIL DRAWINGS FOR GRADE ELEVATIONS AND TOP OF DECK ELEVATIONS.
- BOARDWALK FRAMING DESIGNER SHALL DETERMINE THE QUANTITY & LOCATIONS OF LONGITUDINAL BRACING, IF REQUIRED, BASED ON CODE REQUIRED LATERAL LOADS CREATED BY WIND AND SEISMIC FORCES.

LOSE DESIGN
SPACES FOR LIFE.

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MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLANS
CITY OF BROOKHAVEN

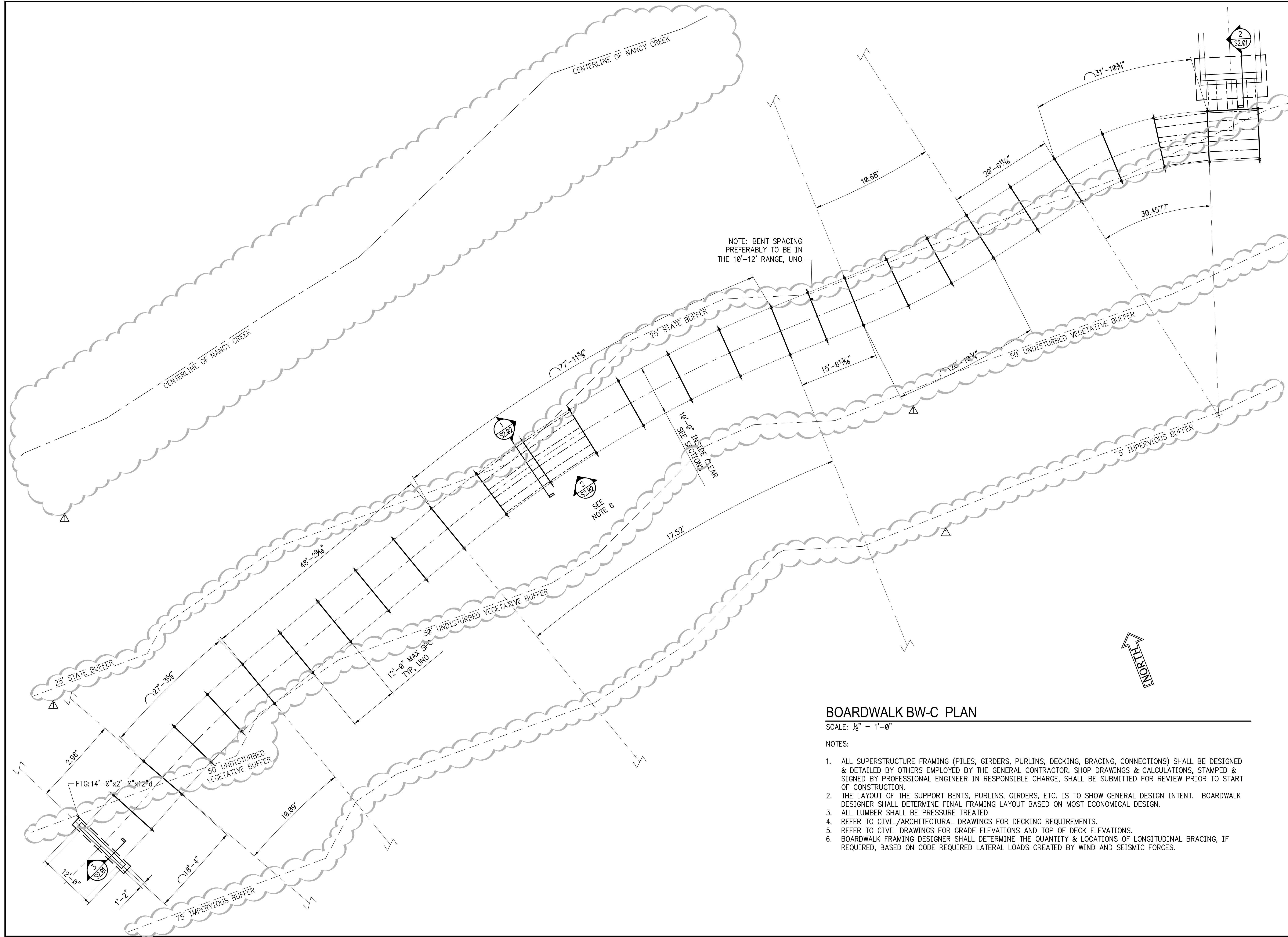
NO	DATE	DESCRIPTION
1	08.30.2022	PERMIT COMMENTS

PERMIT SET

SHEET TITLE
BOARDWALK BW-B
PLAN LAYOUT

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE 1/8" = 1'-0"
CHECKED BY EMC	
SHEET NO.	

S1.02
APPROVED PLAN 09/20/2023
Permit # LDP22-00012



BOARDWALK BW-C PLAN

SCALE: 1/8" = 1'-0"

NOTES:

1. ALL SUPERSTRUCTURE FRAMING (PILES, GIRDERS, PURLINS, DECKING, BRACING, CONNECTIONS) SHALL BE DESIGNED & DETAILED BY OTHERS EMPLOYED BY THE GENERAL CONTRACTOR. SHOP DRAWINGS & CALCULATIONS, STAMPED & SIGNED BY PROFESSIONAL ENGINEER IN RESPONSIBLE CHARGE, SHALL BE SUBMITTED FOR REVIEW PRIOR TO START OF CONSTRUCTION.
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3. ALL LUMBER SHALL BE PRESSURE TREATED
4. REFER TO CIVIL/ARCHITECTURAL DRAWINGS FOR DECKING REQUIREMENTS.
5. REFER TO CIVIL DRAWINGS FOR GRADE ELEVATIONS AND TOP OF DECK ELEVATIONS.
6. BOARDWALK FRAMING DESIGNER SHALL DETERMINE THE QUANTITY & LOCATIONS OF LONGITUDINAL BRACING, IF REQUIRED, BASED ON CODE REQUIRED LATERAL LOADS CREATED BY WIND AND SEISMIC FORCES.

SUBMITTALS/REVISIONS		
NO.	DATE	DESCRIPTION
1	08.30.2022	PERMIT COMMENTS

PERMIT SET

SHEET TITLE

BOARDWALK BW-C
PLAN LAYOUT

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE 1/8" = 1'-0"
CHECKED BY EMC	
SHEET NO.	

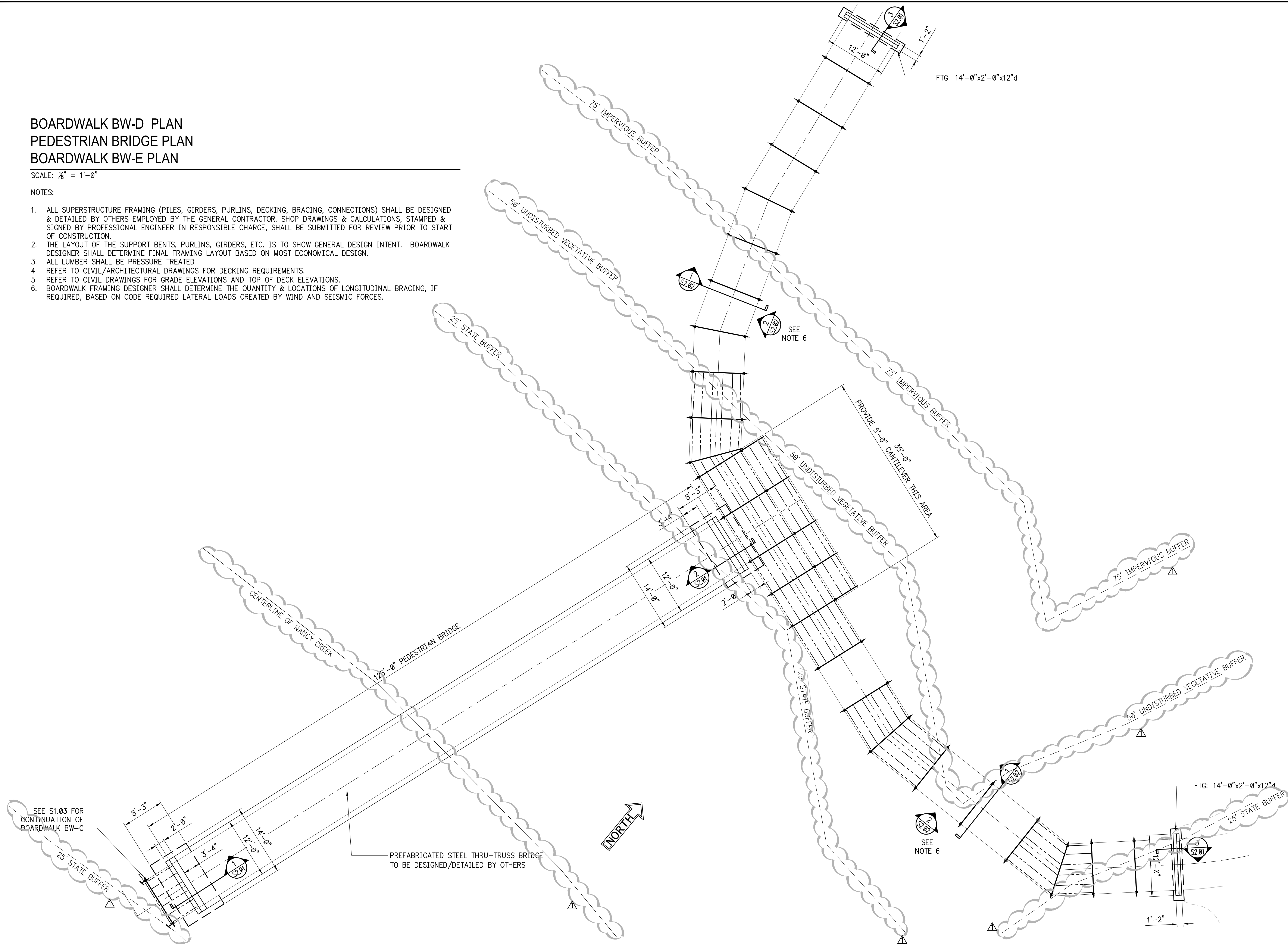
S1.03

**BOARDWALK BW-D PLAN
PEDESTRIAN BRIDGE PLAN
BOARDWALK BW-E PLAN**

SCALE: 1/8" = 1'-0"

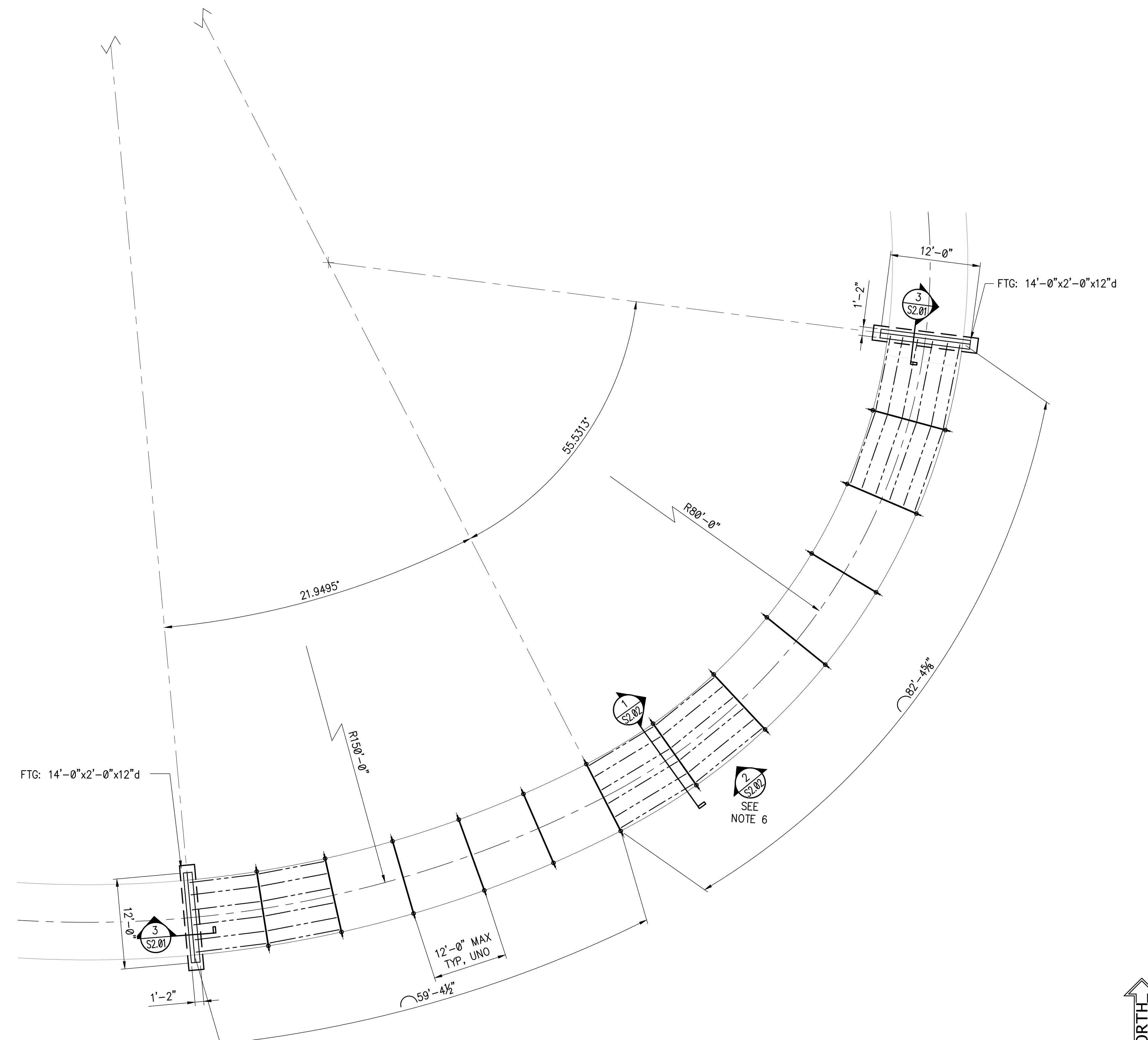
NOTES:

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5. REFER TO CIVIL DRAWINGS FOR GRADE ELEVATIONS AND TOP OF DECK ELEVATIONS.
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SUBMITTALS/REVISIONS	
NO.	DESCRIPTION
1	PERMIT COMMENTS

PERMIT SET	
SHEET TITLE	
BOARDWALK BW-D BOARDWALK BW-E PEDESTRIAN BRIDGE PLAN LAYOUT	
PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE 1/8" = 1'-0"
CHECKED BY EMC	
SHEET NO.	



BOARDWALK BW-F PLAN

SCALE: 1/8" = 1'-0"

NOTES:

1. ALL SUPERSTRUCTURE FRAMING (PILES, GIRDERS, PURLINS, DECKING, BRACING, CONNECTIONS) SHALL BE DESIGNED & DETAILED BY OTHERS EMPLOYED BY THE GENERAL CONTRACTOR. SHOP DRAWINGS & CALCULATIONS, STAMPED & SIGNED BY PROFESSIONAL ENGINEER IN RESPONSIBLE CHARGE, SHALL BE SUBMITTED FOR REVIEW PRIOR TO START OF CONSTRUCTION.
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5. REFER TO CIVIL DRAWINGS FOR GRADE ELEVATIONS AND TOP OF DECK ELEVATIONS.
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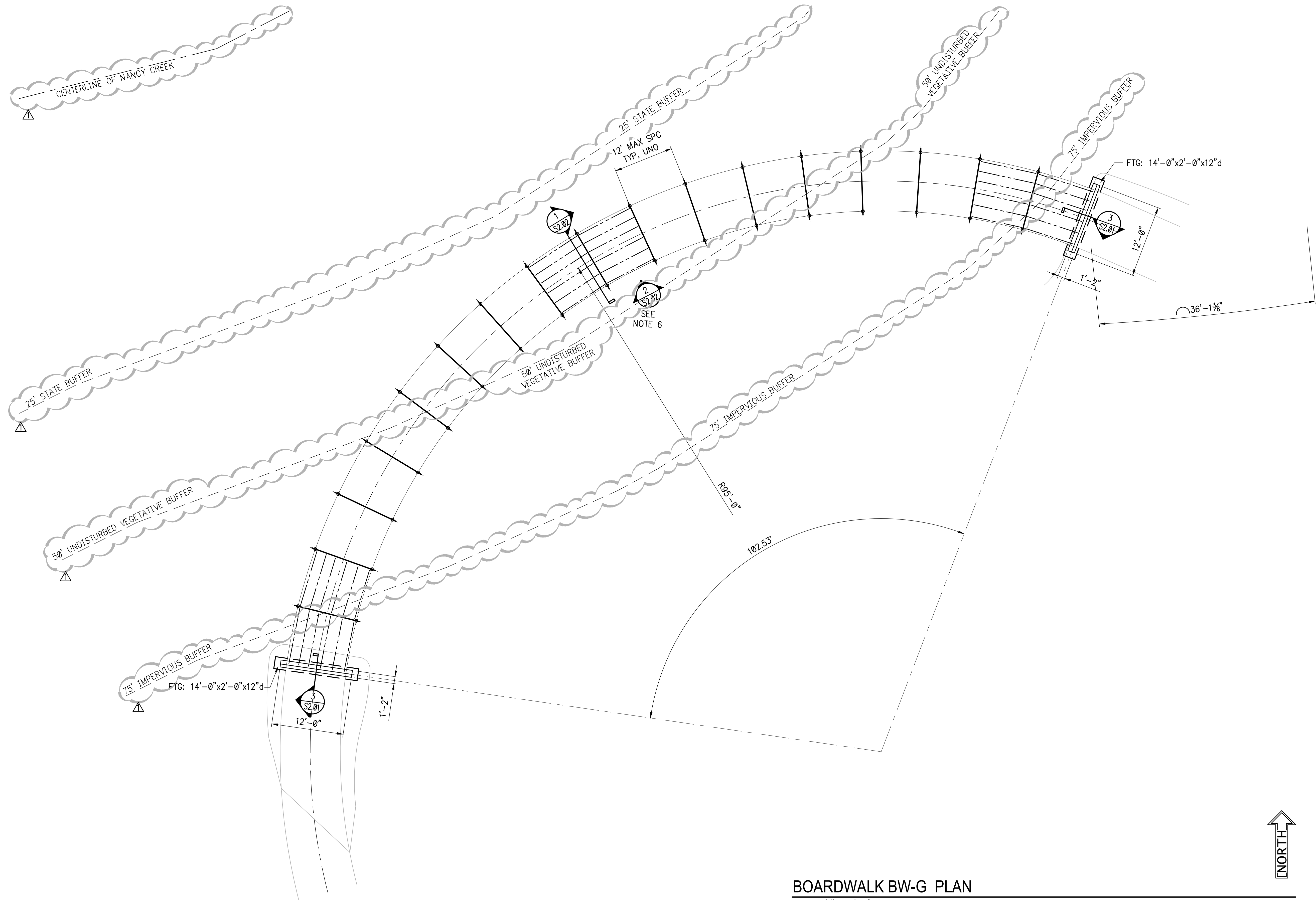
SUBMITTALS/REVISIONS		
NO.	DATE	DESCRIPTION

PERMIT SET

SHEET TITLE
**BOARDWALK BW-F
PLAN LAYOUT**

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE 1/8" = 1'-0"
CHECKED BY EMC	
SHEET NO.	

S1.05



BOARDWALK BW-G PLAN

SCALE: 1/8" = 1'-0"

NOTES:

1. ALL SUPERSTRUCTURE FRAMING (PILES, GIRDERS, PURLINS, DECKING, BRACING, CONNECTIONS) SHALL BE DESIGNED & DETAILED BY OTHERS EMPLOYED BY THE GENERAL CONTRACTOR. SHOP DRAWINGS & CALCULATIONS, STAMPED & SIGNED BY PROFESSIONAL ENGINEER IN RESPONSIBLE CHARGE, SHALL BE SUBMITTED FOR REVIEW PRIOR TO START OF CONSTRUCTION.
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3. ALL LUMBER SHALL BE PRESSURE TREATED
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5. REFER TO CIVIL DRAWINGS FOR GRADE ELEVATIONS AND TOP OF DECK ELEVATIONS.
6. BOARDWALK FRAMING DESIGNER SHALL DETERMINE THE QUANTITY & LOCATIONS OF LONGITUDINAL BRACING, IF REQUIRED, BASED ON CODE REQUIRED LATERAL LOADS CREATED BY WIND AND SEISMIC FORCES.

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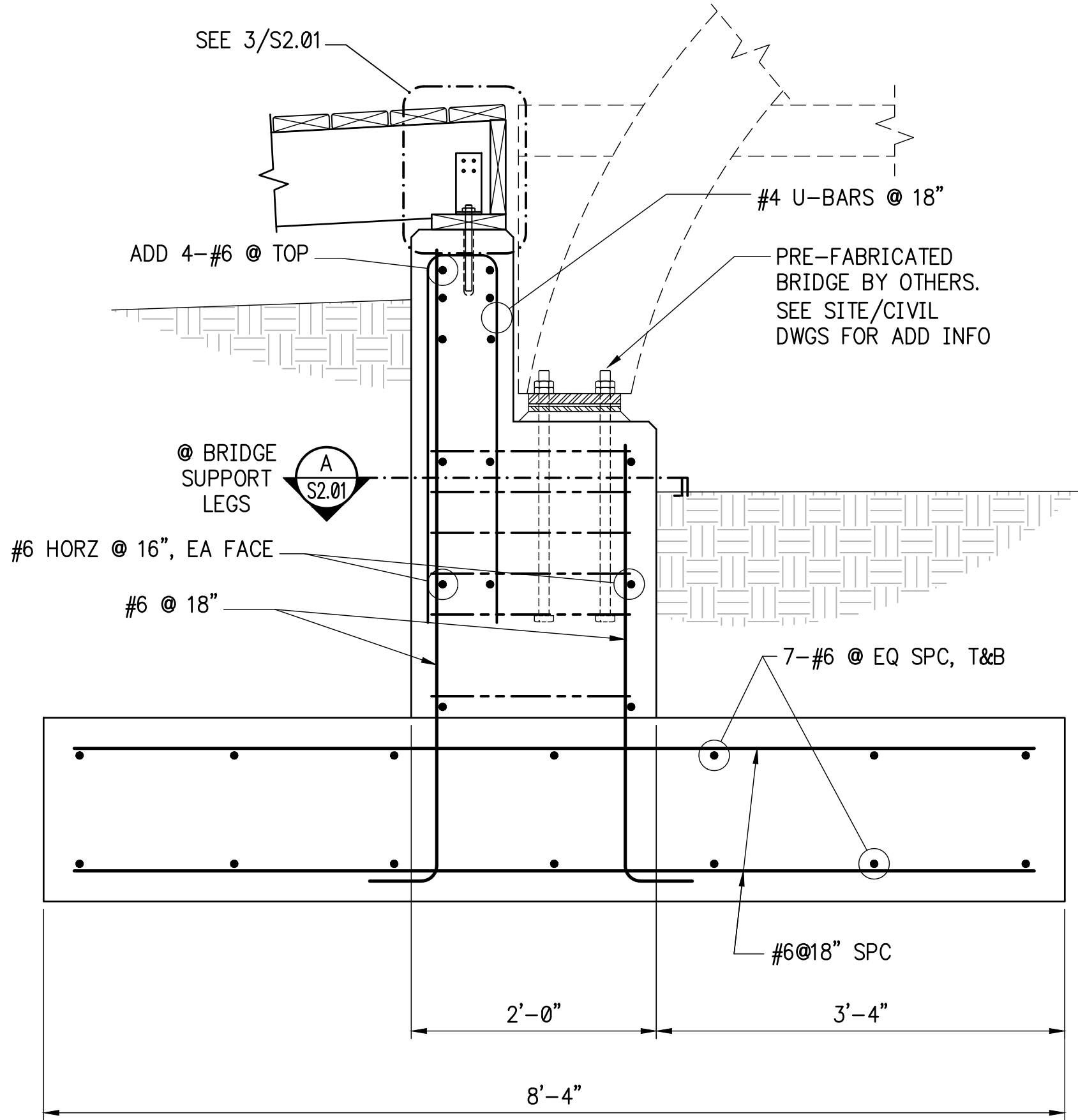


MURPHEY CANDLER TRAIL - SOUTH
SITE DEVELOPMENT PLANS
CITY OF BROOKHAVEN
BROOKHAVEN
GEORGIA

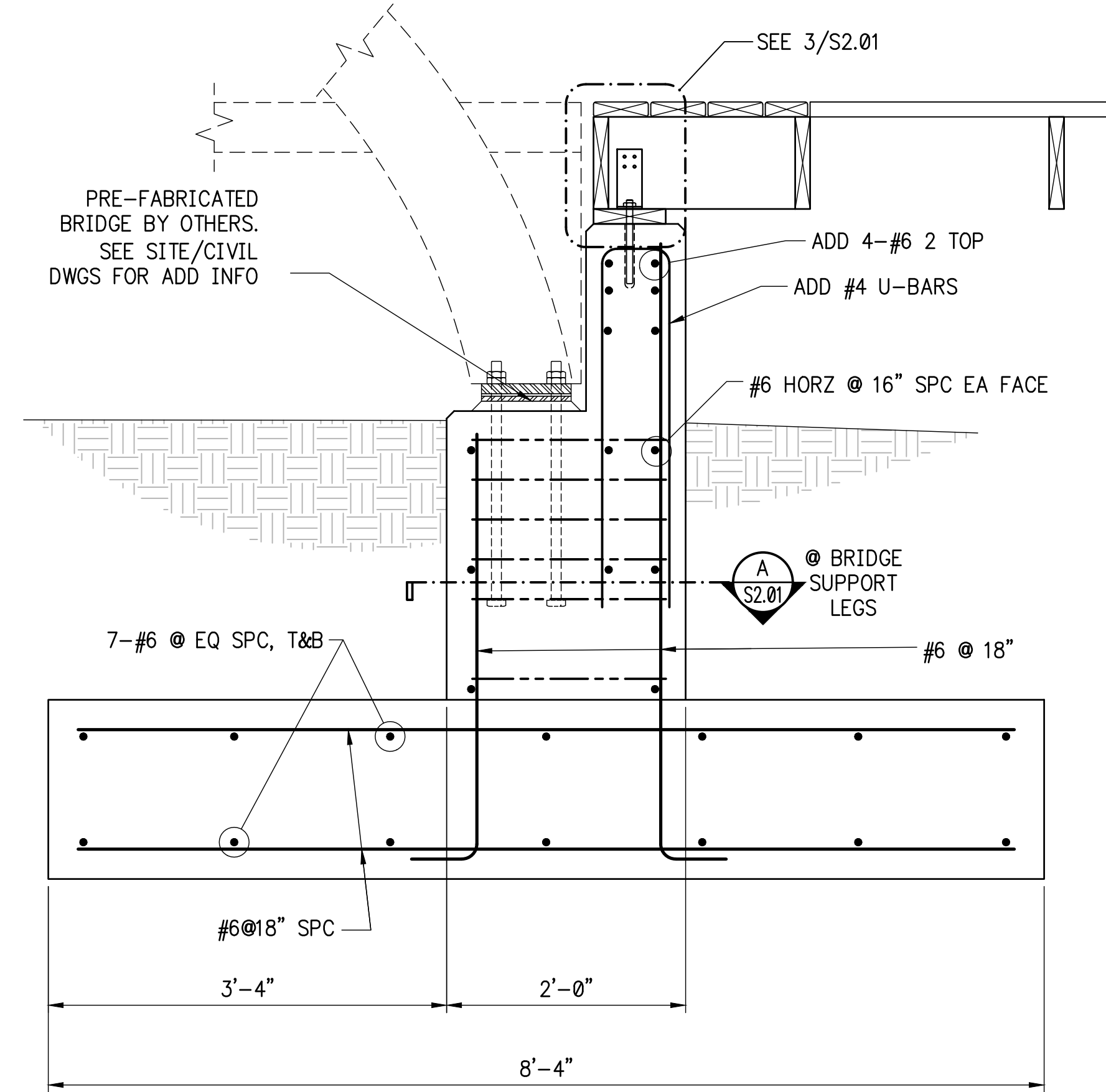
SUBMITTALS/REVISIONS		
NO.	DATE	DESCRIPTION
1	08.30.2022	PERMIT COMMENTS

PERMIT SET
SHEET TITLE
**BOARDWALK BW-G
PLAN LAYOUT**

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE 1/8" = 1'-0"
CHECKED BY EMC	
SHEET NO.	



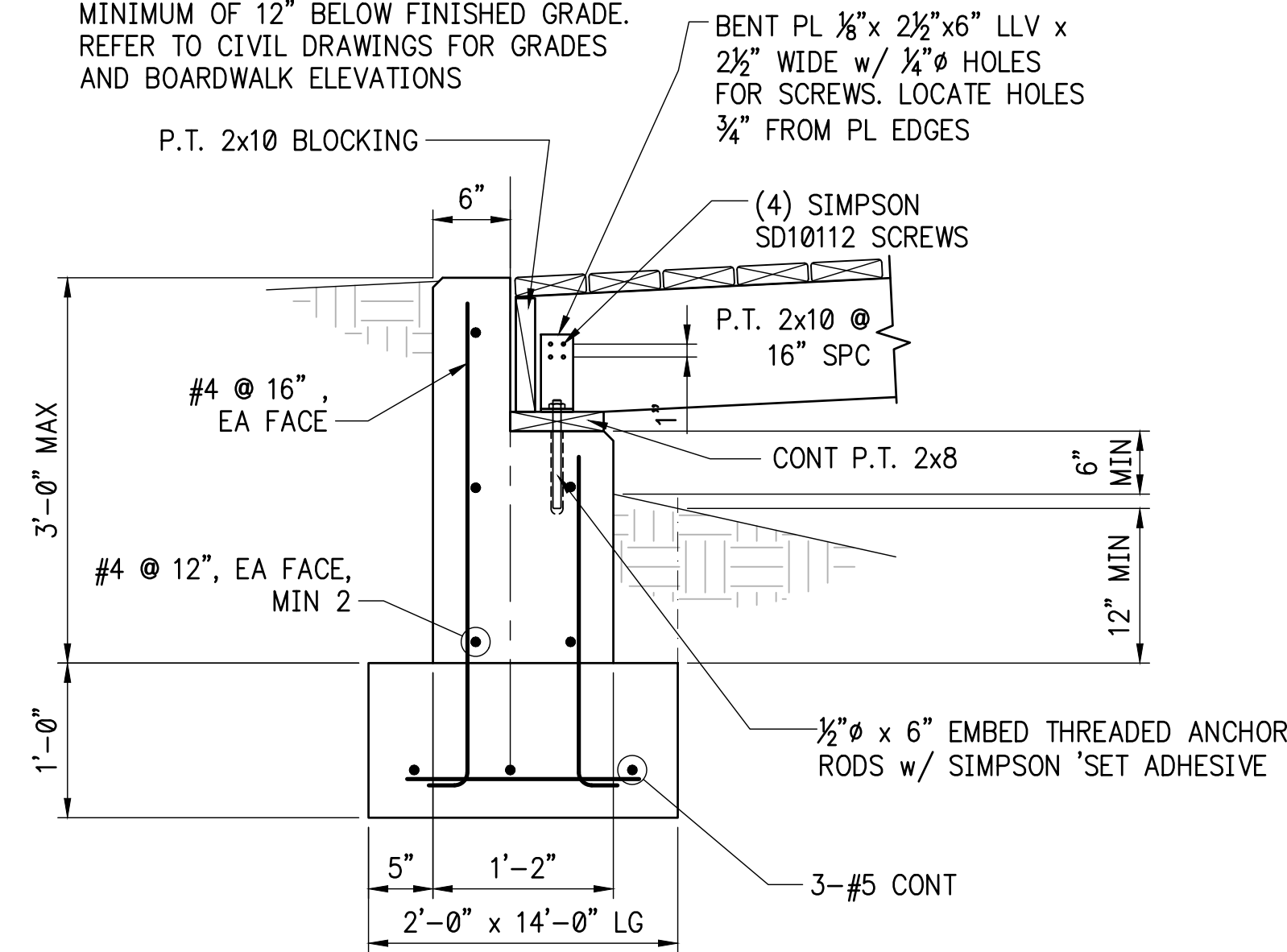
1 SECTION - BRIDGE/BOARDWALK ABUTMENT
SCALE: 1" = 1'-0"



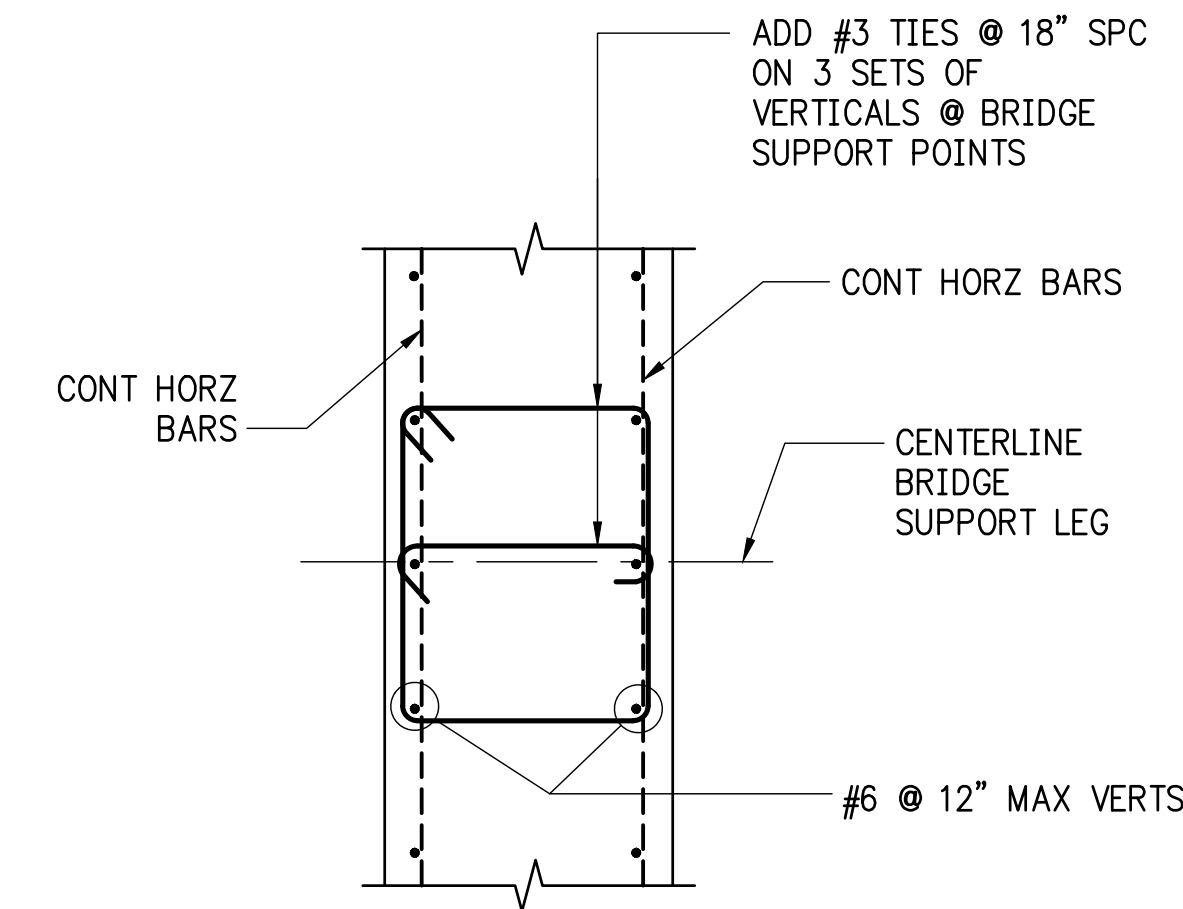
2 SECTION - BRIDGE/BOARDWALK ABUTMENT
SCALE: 1" = 1'-0"

--- NOTE ---
ALL EXPOSED CONCRETE SHALL HAVE A SMOOTH, HAND RUBBED FINISH

NOTE: TOP OF FOOTING SHALL BE A MINIMUM OF 12" BELOW FINISHED GRADE. REFER TO CIVIL DRAWINGS FOR GRADES AND BOARDWALK ELEVATIONS



3 SECTION - BOARDWALK ABUTMENT
SCALE: 1" = 1'-0"



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

GEORGIA
 BROOKHAVEN
 MURPHEY CANDLER TRAIL - SOUTH
 SITE DEVELOPMENT PLANS
 CITY OF BROOKHAVEN

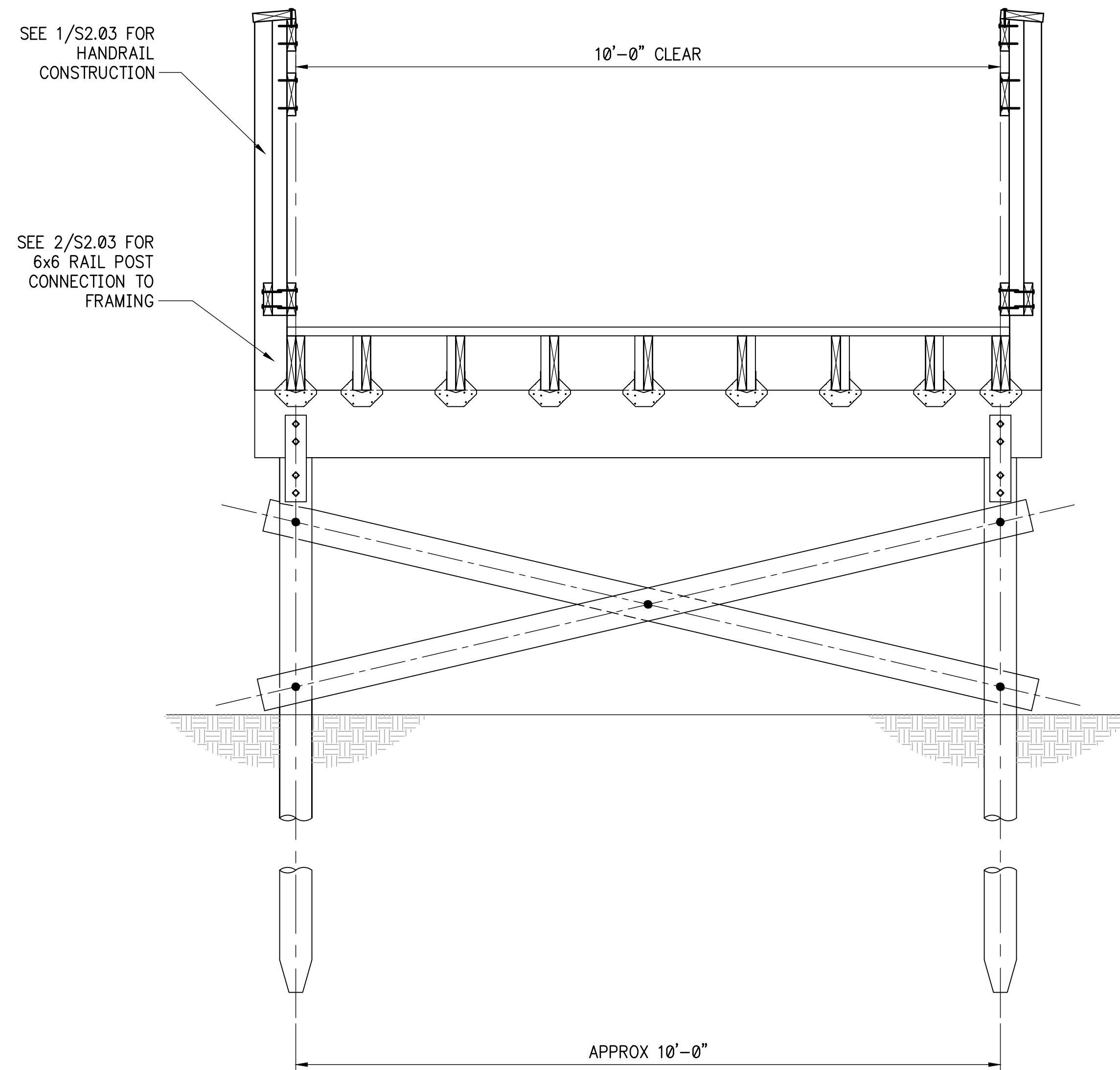
SUBMITTALS/REVISIONS	
NO.	DESCRIPTION

PERMIT SET
SHEET TITLE
BRIDGE & BOARDWALK ABUTMENTS - SECTIONS

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE
CHECKED BY EMC	
SHEET NO.	

ALL ALL WOOD SHALL BE PRESSURE TREATED, RATED FOR GROUND CONTACT.

ALL METAL HARDWARE (BOLTS, THREADED RODS, NUTS, WASHERS, ETC.) SHALL BE HOT DIPPED GALVANIZED. ALL SIMPSON PRODUCTS SHALL HAVE A ZMAX COATING, OR SHALL BE HOT DIPPED GALVANIZED



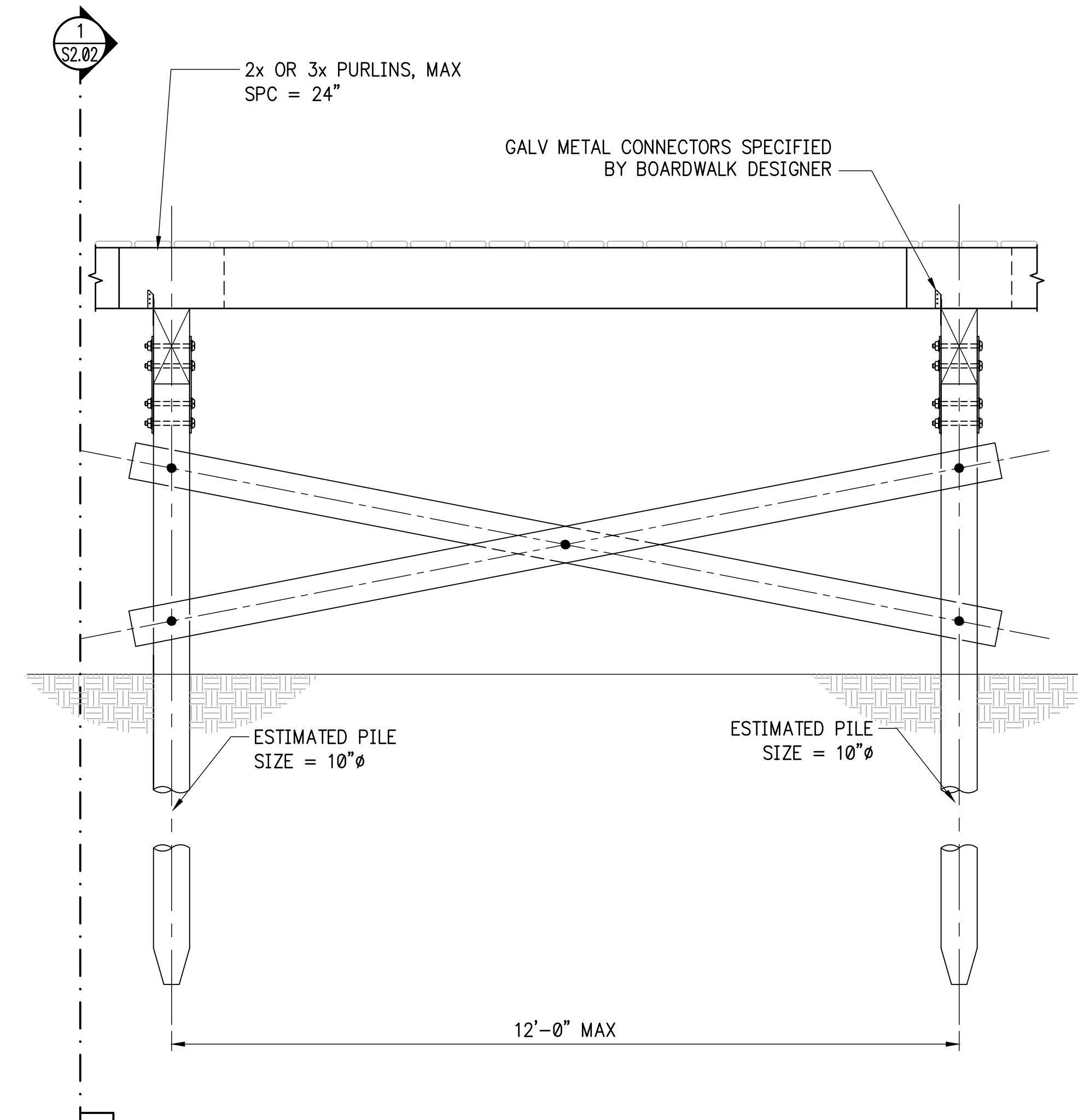
BOARDWALK BENTS & BRACING DESIGN NOTES:

1. THE DESIGN OF THE BOARDWALK SUPERSTRUCTURE (DECKING, PURLINS, GIRDERS, PILES, AND DIAGONAL BRACING, INCLUDING ALL CONNECTIONS ARE THE RESPONSIBILITY OF OTHERS, EMPLOYED BY THE CONTRACTOR.
2. ALL WOOD SHALL BE PRESSURE TREATED & RATED FOR GROUND CONTACT.
3. PILES SHALL BE INSTALLED BY VIBRATORY MEANS. DESIGN OF EMBEDMENT LENGTH REQUIREMENTS SHALL ACCOUNT FOR ALL GRAVITY LOADS (DEAD, LIVE, SNOW), WIND LOADS, AND SEISMIC LOADS.
4. MINIMUM DESIGN LOADS:
 - 4.1. DEAD - STRUCTURE SELFWEIGHT + 5 PSF
 - 4.2. LIVE - 100 PSF
 - 4.3. WIND - SEE SHEET S4.01-DESIGN & CODE INFORMATION, ITEM 8.
 - 4.4. SEISMIC - SEE SHEET S4.01-DESIGN & CODE INFORMATION, ITEM 9.
5. CALCULATIONS FOR ALL BENT DESIGNS (GIDERS, PILES, BRACING, CONNECTIONS) SHALL BE SUBMITTED FOR REVIEW BY EOR. CALCULATIONS SHALL BE STAMPED AND SIGNED BY PROFESSIONAL ENGINEER IN RESPONSIBLE CHARGE, AND REGISTERED IN THE PROJECT STATE.
6. A PROFESSIONAL GEOTECHNICAL ENGINEER SHALL BE EMPLOYED TO DETERMINE THE SOIL DESIGN PARAMETERS TO BE USED IN DETERMINING THE VERTICAL AND LATERAL LOAD CAPACITIES OF THE PILES

1 ELEVATION - TYPICAL BOARDWALK BENT
SCALE: 3/4" = 1'-0"

ALL ALL WOOD SHALL BE PRESSURE TREATED, RATED FOR GROUND CONTACT.

ALL METAL HARDWARE (BOLTS, THREADED RODS, NUTS, WASHERS, ETC.) SHALL BE HOT DIPPED GALVANIZED. ALL SIMPSON PRODUCTS SHALL HAVE A ZMAX COATING, OR SHALL BE HOT DIPPED GALVANIZED



BOARDWALK BENTS & BRACING DESIGN NOTES:

1. THE DESIGN OF THE BOARDWALK SUPERSTRUCTURE (DECKING, PURLINS, GIRDERS, PILES, AND DIAGONAL BRACING, INCLUDING ALL CONNECTIONS ARE THE RESPONSIBILITY OF OTHERS, EMPLOYED BY THE CONTRACTOR.
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 - 4.1. DEAD - STRUCTURE SELFWEIGHT + 5 PSF
 - 4.2. LIVE - 100 PSF
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6. A PROFESSIONAL GEOTECHNICAL ENGINEER SHALL BE EMPLOYED TO DETERMINE THE SOIL DESIGN PARAMETERS TO BE USED IN DETERMINING THE VERTICAL AND LATERAL LOAD CAPACITIES OF THE PILES

2 ELEVATION - BOARDWALK LONGITUDINAL BRACING
SCALE: 3/4" = 1'-0"

SUBMITTALS/REVISIONS

NO.	DATE	DESCRIPTION
A1	03.05.2021	ADDENDUM NO. 1

PERMIT SET

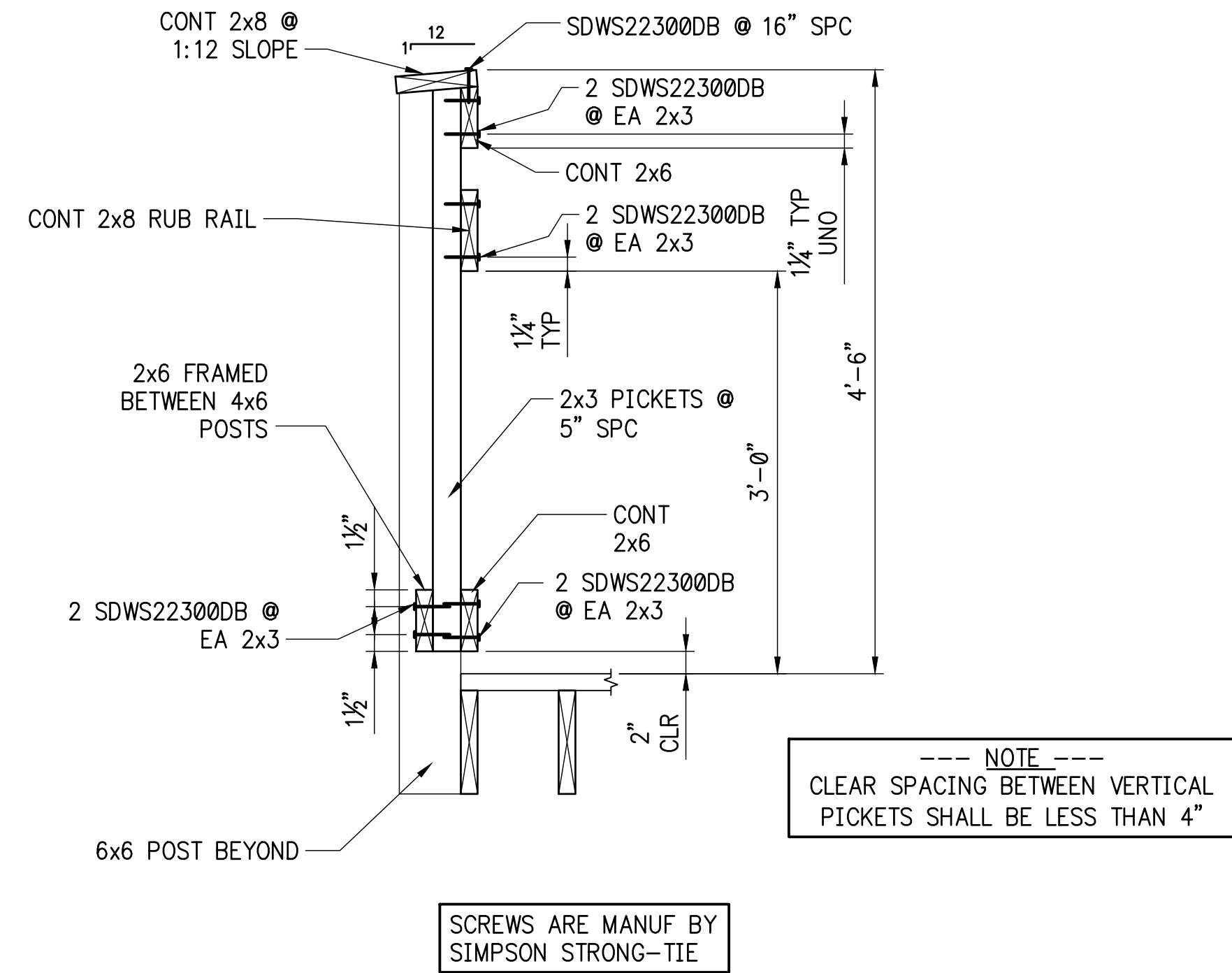
SHEET TITLE

BOARDWALKS
SECTIONS AND
DETAILS

PROJECT NO. 21031	DATE 02/04/2022
DRAWN BY EMC	SCALE
CHECKED BY EMC	
SHEET NO.	

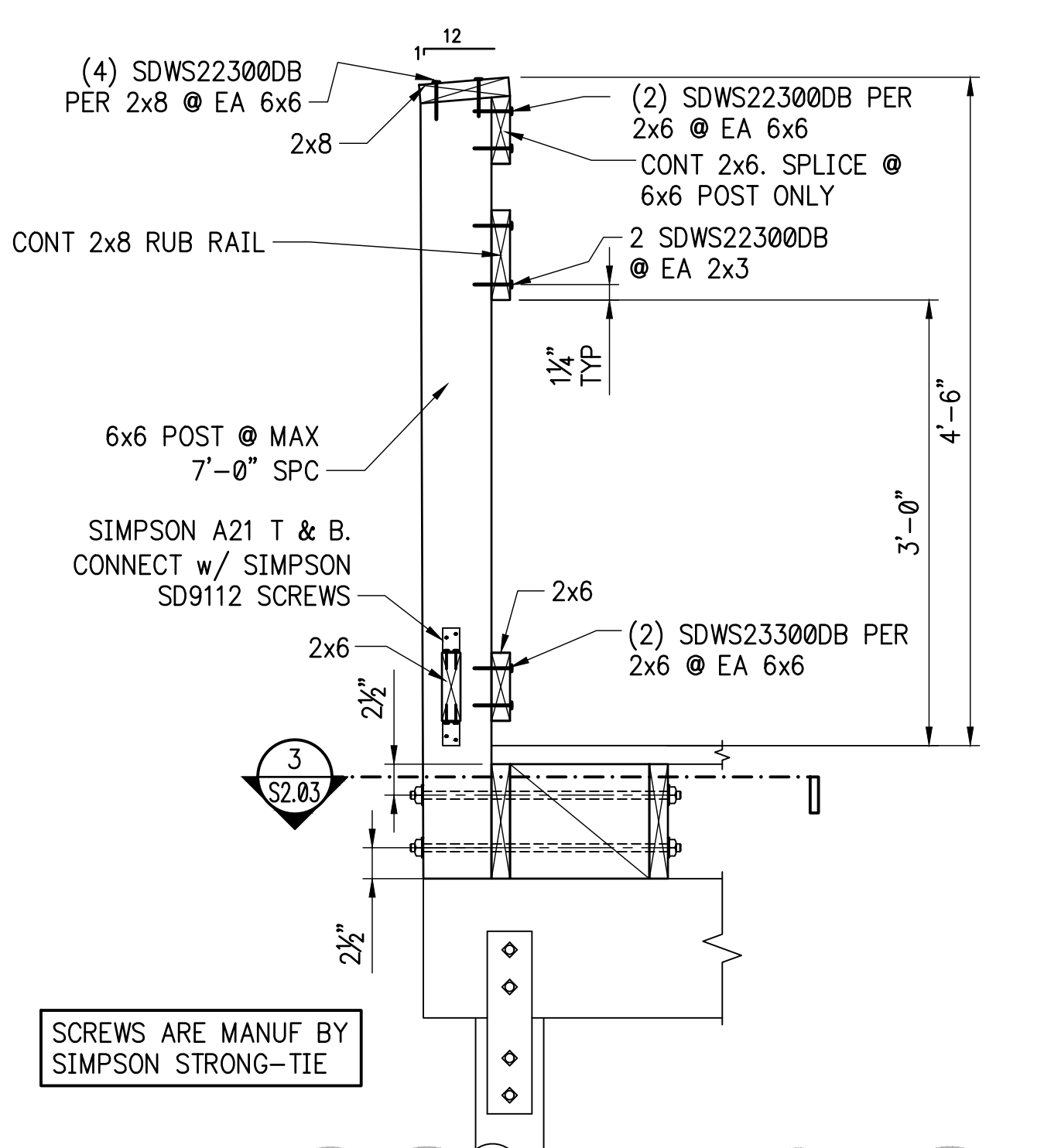


SUBMITTALS/REVISIONS		
NO	DATE	DESCRIPTION
▲	08.30.2022	PERMIT COMMENTS
PERMIT SET		
SHEET TITLE		
RETAINING WALLS SECTIONS AND SCHEDULE		
PROJECT NO. 21031	DATE 02/04/2022	SCALE
DRAWN BY EMC	CHECKED BY EMC	
SHEET NO.		



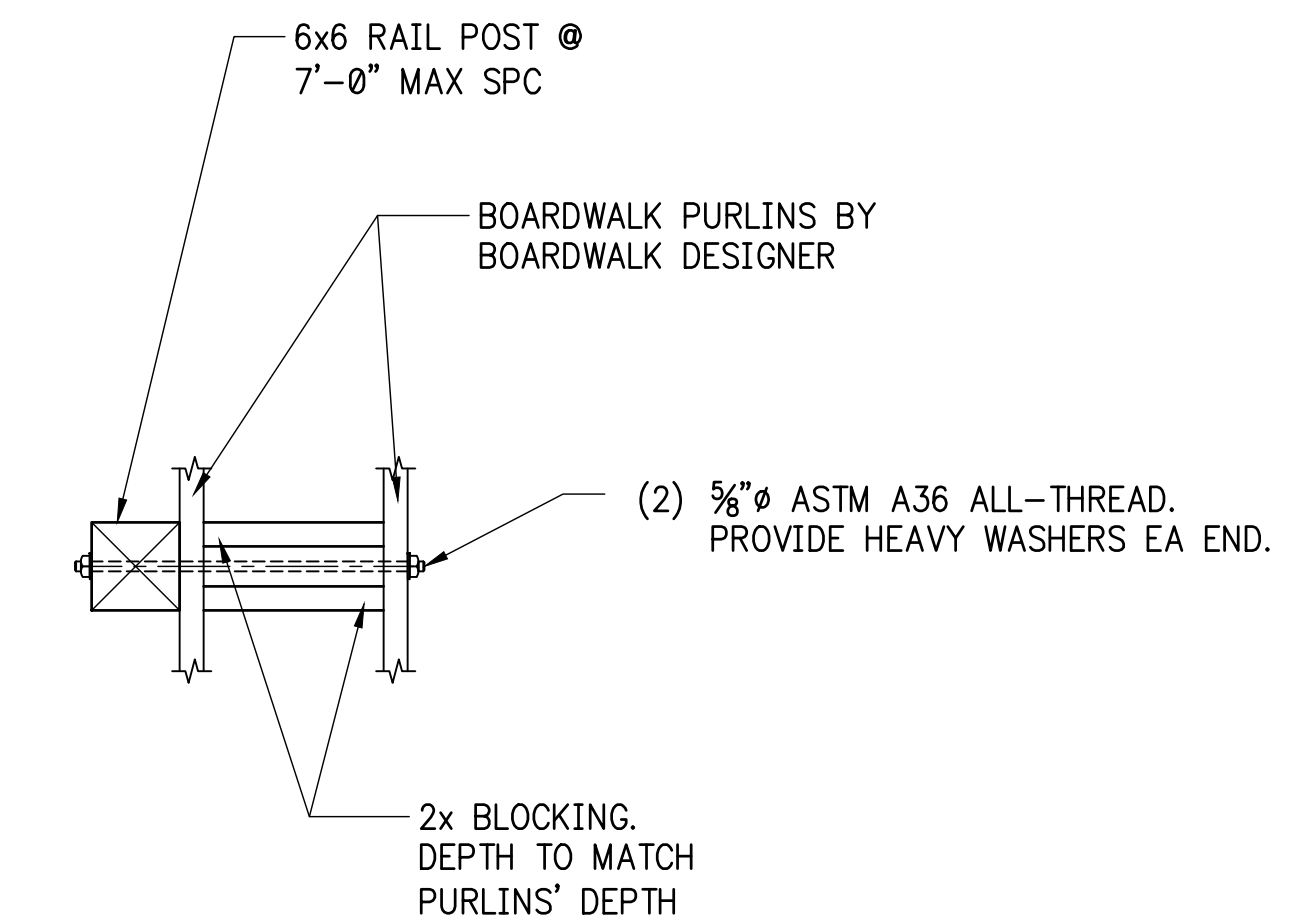
SEE 1a/S2.03 FOR ADA COMPLIANT HANDRAILS REQUIREMENTS. REFER TO LAYOUT PLANS (C1.00 SERIES DWGS) FOR LOCATIONS OF TYPICAL AND ADA COMPLIANT HANDRAILS

1 SECTION - RAILING
SCALE: 1" = 1'-0"



SEE 2a/S2.03 FOR ADA COMPLIANT HANDRAILS REQUIREMENTS. REFER TO LAYOUT PLANS (C1.00 SERIES DWGS) FOR LOCATIONS OF TYPICAL AND ADA COMPLIANT HANDRAILS

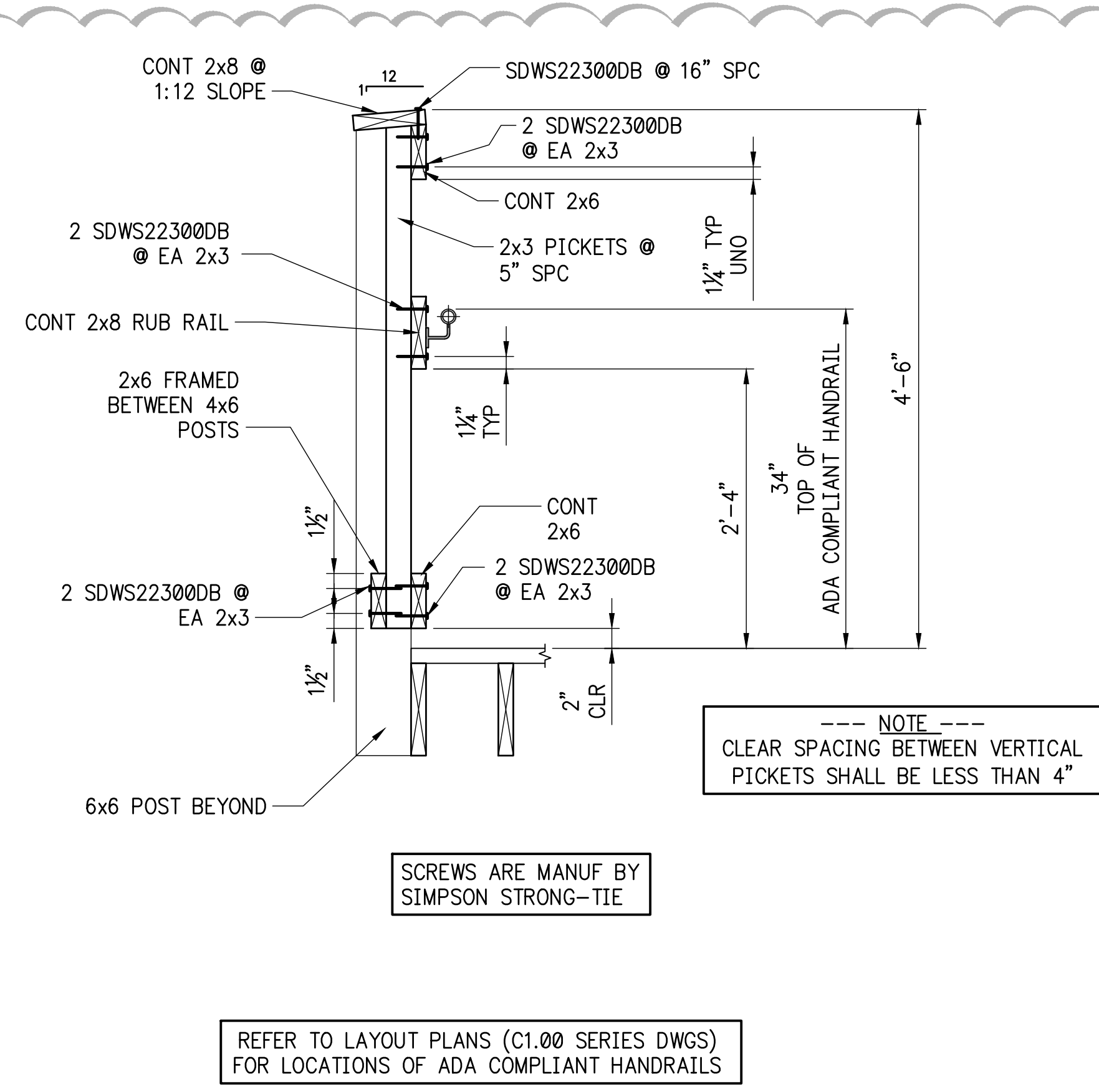
2 SECTION - RAILING @ 6x6 POSTS
SCALE: 1" = 1'-0"



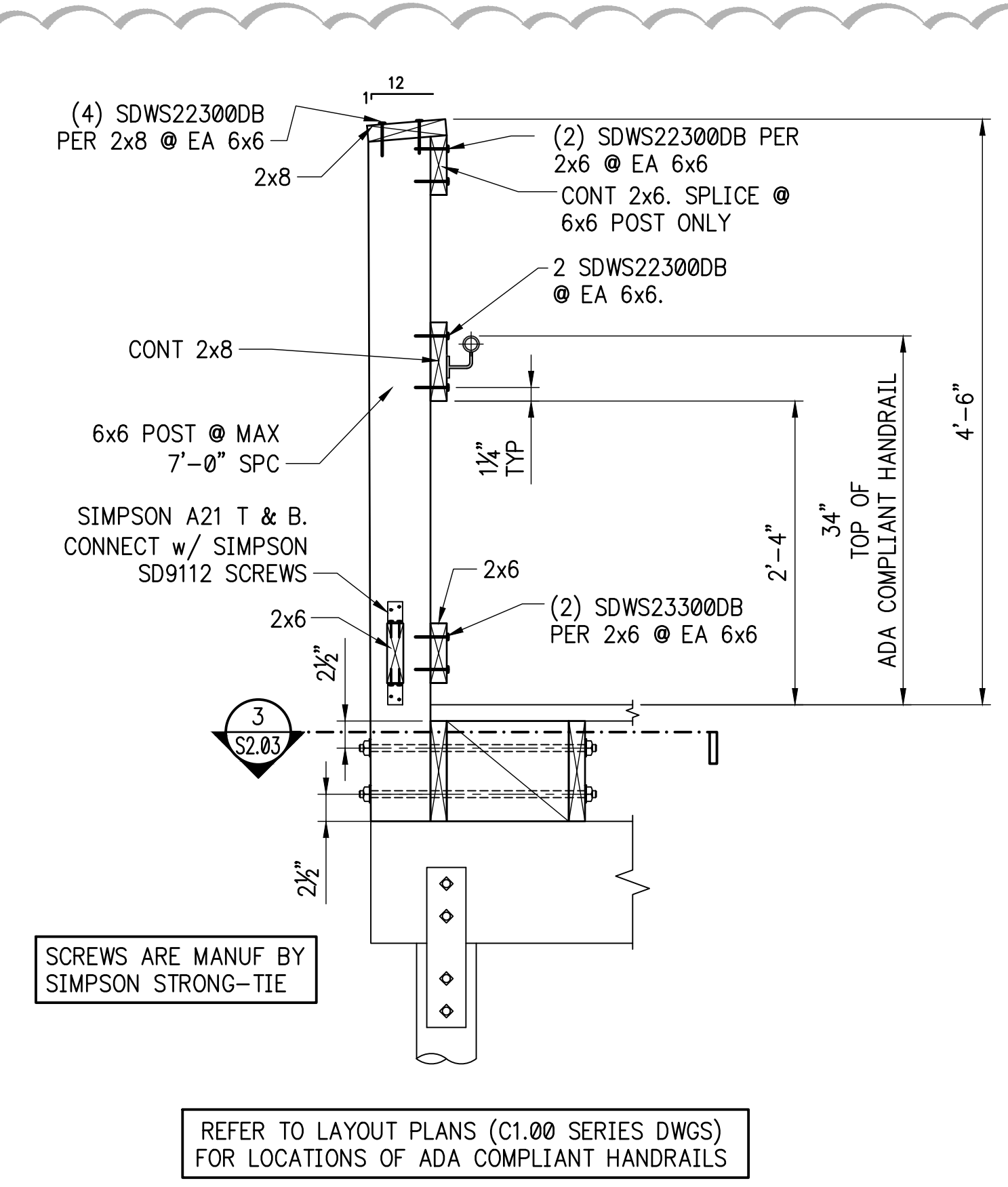
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3 SECTION
SCALE: 1" = 1'-0"



1a SECTION - RAILING - ADA COMPLIANT
SCALE: 1" = 1'-0"



SECTION - RAILING @ 6x6 POSTS w/ ADA COMPLIANT HANDRAIL (2a)
SCALE: 1" = 1'-0"