

SITE AND DEVELOPMENT PLANS

FOR

FIRE STATION NO. 90

SAMPSON CITY SLEEPING QUARTER ADDITIONS

BRADFORD COUNTY, FLORIDA

SECTION 12, TOWNSHIP 7 SOUTH, RANGE 21 EAST

SUBMITTED TO

BRADFORD COUNTY

ST JOHNS RIVER WATER MANAGEMENT DISTRICT

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

OWNER
BRADFORD COUNTY BOCC
N 945-C TEMPLE AVENUE
STARK, FL. 32091

SURVEYOR OF RECORD
AARON H. HICKMAN P.L.S.
CHW AN NV5 COMPANY
11801 RESEARCH DRIVE
ALACHUA, FLORIDA 32615
(352) 331-1976

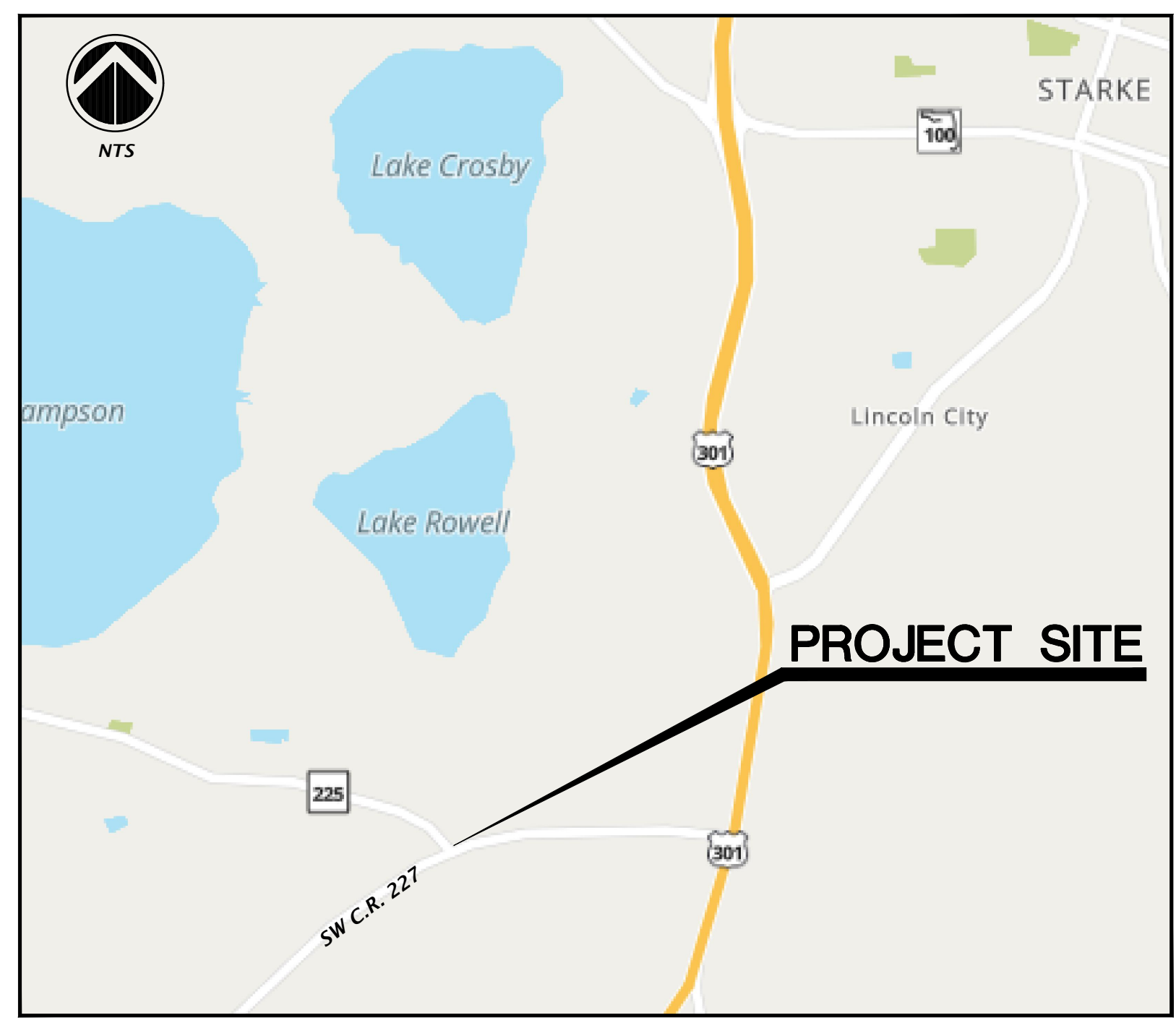
ENGINEER OF RECORD
DANIEL H. YOUNG, P.E.
CHW AN NV5 COMPANY
11801 RESEARCH DRIVE
ALACHUA, FLORIDA 32615
(352) 331-1976

DEVELOPMENT DATA

ZONING:	COMMERCIAL, INTENSIVE (CI)	
FLU:	COMMERCIAL	
	ON-SITE	
DEVELOPMENT AREA:	56,316 S.F.	1.29 AC
EX. BUILDING AREA:	3,210 S.F.	5.7%
PROP. BUILDING AREA:	2,290 S.F.	4.1%
PROP. & EX. ROADS/CURB/CONCRETE:	18,018 S.F.	32.0%
IMPERVIOUS AREA:	23,518 S.F.	41.8%
OPEN SPACE:	32,798 S.F.	58.2%
PARKING SPACES:	4	
MAX BUILDING HEIGHT:	LESS THAN 35 FEET	
TAX PARCEL:	00880-0-00000 (3746) 03	

SETBACKS:
FRONT = 20'
SIDE = NONE, EXCEPT WHERE A SIDE YARD IS PROVIDED, AND THEN ASIDE YARD OF AT LEAST 10 FT. MUST BE PROVIDED.
REAR = 15'

BUFFERS:
20' TO RESIDENTIAL



VICINITY MAP



LOCATION MAP

SHEET INDEX

SHEET NUMBER	DESCRIPTION
C0.00	COVER SHEET AND INDEX
1 OF 1	BOUNDARY AND TOPOGRAPHIC SURVEY
C0.10	GENERAL NOTES
C0.11	LEGEND
C0.30	DEMOLITION AND TREE PROTECTION PLAN
C1.10	DETAILED HORIZONTAL CONTROL AND SITE PLAN
C2.10	DETAILED GRADING, DRAINAGE AND UTILITY PLAN
C2.30	CONSTRUCTION DETAILS

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CHW

AN NV5 COMPANY

SCALE: N/A

VERIFY SCALE ON ORIGINAL DRAWING
0 = AS SHOWN, OTHERWISE THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION REVISIONS

NO.	DESCRIPTION

DATE: 09/06/24
PROJECT: BRADFORD COUNTY, SIBWMD, AND FDP
01/06/25 BRADFORD COUNTY

CLIENT: BRADFORD COUNTY BOCC
PROJECT: SAMPSON CITY SLEEPING QUARTER ADDITIONS
SHEET TITLE: COVER SHEET AND INDEX

DESIGNER: T.E. CONWART
CHECKER: C. CASH, P.E.
PROJECT NUMBER: 24-0070

DANIEL H. YOUNG
Daniel H. Young
State of Florida, Professional Engineer, License No. 70780
This item has been electronically signed and sealed by Daniel H. Young, P.E. on 01/06/2025, using a Digital Signature.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

FL PE No. 70780
SHEET No. **C0.00**

Title: Thomas; Plot Date: Dec 25, 2024 8:55am; Filename: N:\2024\24-0070\Departments\CA_Engineering\02_DWG\Production\Flma\24-0070_C0.dwg

LEGAL DESCRIPTION: (OFFICIAL RECORDS BOOK 896, PAGE 112)

A PARCEL OF LAND LYING IN THE W 1/2 OF SECTION 12, TOWNSHIP 7 SOUTH, RANGE 21 EAST, BRADFORD COUNTY, FLORIDA; SAID PARCEL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS-NORTHEA

COMMENCE AT AN IRON PIPE FOUND AT THE NORTHEAST CORNER OF THE SW 1/4 OF SAID SECTION 12 AND RUN SOUTH 88 DEGREES, 16 MINUTES AND 20 SECONDS WEST, ALONG THE NORTHERLY BOUNDARY THEREOF 396.00 FEET TO THE POINT OF BEGINNING. FROM THE POINT OF BEGINNING THUS DESCRIBED, RUN SOUTH 01 DEGREE, 24 MINUTES AND 14 SECONDS EAST, 276.93 FEET TO AN IRON ROD SET ON THE NORTHERLY BOUNDARY OF THE RIGHT OF WAY OF COUNTY ROAD 227 (FORMALLY STATE ROAD S-227), SAID NORTHERLY BOUNDARY BEING ON A CURVE CONCAVE TO THE SOUTH-EAST AND HAVING A RADIUS OF 5762.58 FEET; THENCE SOUTHWESTERLY, ALONG SAID NORTHERLY BOUNDARY AND ALONG THE ARC OF SAID CURVE, 84.11 FEET AS MEASURED ALONG A CHORD HAVING A BEARING OF SOUTH 68 DEGREES, 18 MINUTES AND 26 SECONDS WEST TO AN IRON ROD SET AT THE END OF SAID CURVE; THENCE NORTHWESTERLY, ALONG THE NORTHEASTERLY BOUNDARY OF THE RIGHT OF WAY OF COUNTY ROAD 225 (FORMERLY STATE ROAD S-225), (SAID NORTHEASTERLY BOUNDARY BEING ON A CURVE CONCAVE TO THE NORTH AND HAVING A RADIUS OF 100.00 FEET), 113.03 FEET AS MEASURED ALONG A CHORD HAVING A BEARING OF NORTH 77 DEGREES, 44 MINUTES AND 42 SECONDS WEST TO AN IRON ROD SET AT THE END OF SAID CURVE; THENCE NORTH 43 DEGREES, 19 MINUTES AND 59 SECONDS WEST, ALONG LAST SAID NORTHERLY BOUNDARY, 119.24 FEET TO A SET IRON ROD; THENCE NORTH 46 DEGREES, 40 MINUTES AND 01 SECONDS EAST, 284.80 FEET TO A POINT ON THE NORTHERLY BOUNDARY OF SAID SW 1/4 LOCATED 56.44 FEET WEST OF THE POINT OF BEGINNING; THENCE CONTINUE NORTH 46 DEGREES, 40 MINUTES AND 01 SECONDS EAST, 75.87 FEET TO A SET IRON ROD; THENCE SOUTH 01 DEGREE, 24 MINUTES AND 14 SECONDS EAST, 50.38 FEET TO THE POINT OF BEGINNING.

BOUNDARY & TOPOGRAPHIC SURVEY

BRADFORD COUNTY FIRE STATION #30

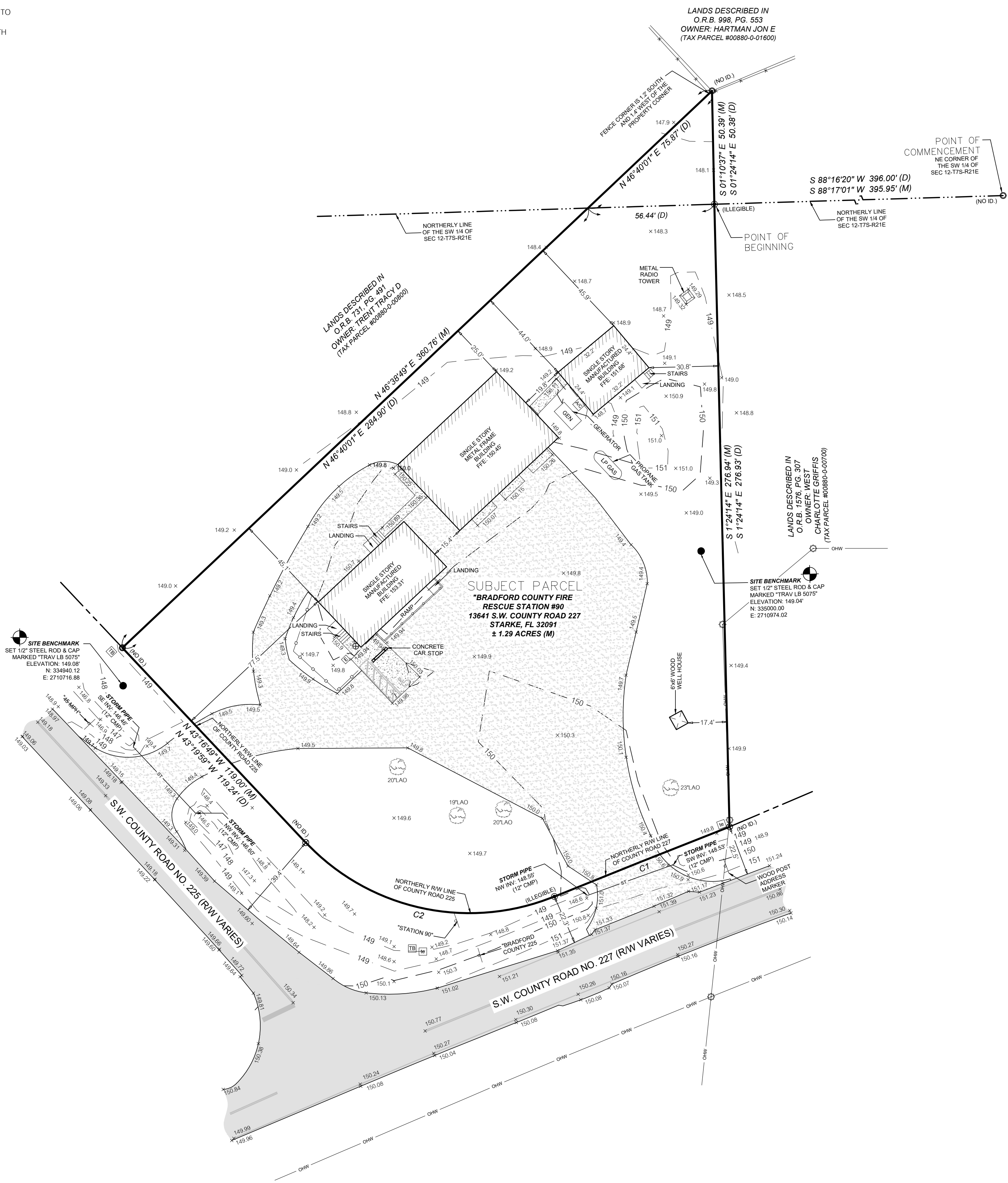
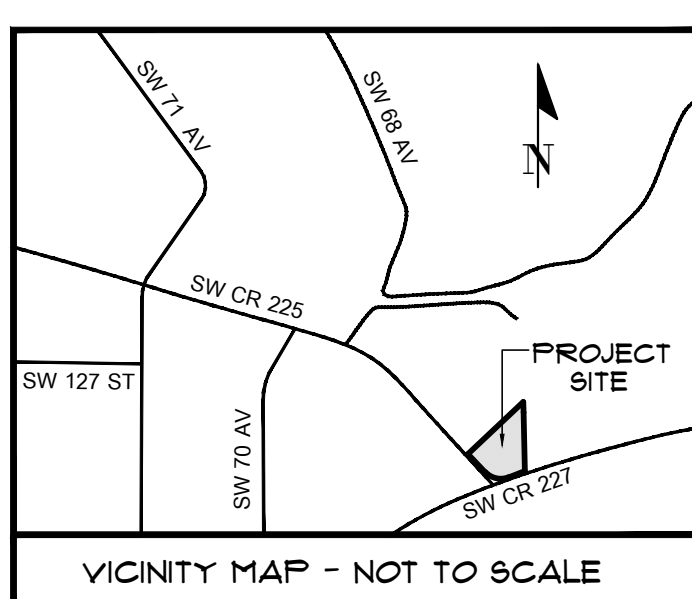
LOCATED IN THE WEST HALF (W 1/2) OF SECTION 12, TOWNSHIP 7 SOUTH, RANGE 21 EAST, BRADFORD COUNTY, FLORIDA

SURVEYOR'S NOTES:

- COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON STATE PLANE FLORIDA NORTH ZONE COORDINATES (NAD 83 (2007)) AS PROJECTED FROM THE RTK NETWORK GPS SOLUTION.
- VERTICAL DATUM SHOWN HEREON IS DERIVED FROM FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) BENCHMARK 2812501GPS1, BEING A SET FOOT BRASS DISK IN CONCRETE, HAVING PUBLISHED ELEVATION OF 152.18 FEET (NORTH AMERICAN VERTICAL DATUM 1988).
- NO UNDERGROUND INSTALLATION OF UTILITIES OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.
- THE SURVEYOR HAS NO KNOWLEDGE OF UNDERGROUND FOUNDATIONS WHICH MAY ENCRATCH.
- INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY, AND OR OWNERSHIP WERE NOT FURNISHED TO THE SURVEYOR EXCEPT AS SHOWN. SEARCH OF THE PUBLIC RECORDS HAS NOT BEEN DONE BY THE SURVEYOR.
- FENCING, SYMBOLS, MONUMENTATION AND UTILITIES SHOWN HEREON MAY BE EXAGGERATED FOR PICTORIAL PURPOSES ONLY AND MAY NOT BE SHOWN TO SCALE.
- IN THE OPINION OF THIS SURVEYOR, THE PERIMETER LINES AS SHOWN HEREON REPRESENT THE LOCATION OF THE BOUNDARY LINES OF THE SUBJECT PARCEL IN RELATION TO THE DESCRIPTION OF RECORD AND THOSE EXISTING LAND CORNERS FOUND TO BE ACCEPTABLE BY THIS SURVEYOR.
- INFORMATION FROM FEDERAL EMERGENCY MANAGEMENT AGENCY, (F.E.M.A.) FLOOD INSURANCE RATE MAP(S), SHOWN ON THIS MAP WAS CURRENT AS OF THE REFERENCED DATE. MAP REVISIONS AND AMENDMENTS ARE PERIODICALLY MADE BY LETTER AND MAY NOT BE REFLECTED ON THE MOST CURRENT MAP.
- ADDITIONAL POINTS MAY BE FOUND BY TURNING ON THE SV-NODE* LAYERS IN THE SUPPLIED DIGITAL FILE.
- ONLY TREES 8" IN DIAMETER OR GREATER (MEASURED AT CHEST HEIGHT) ARE SHOWN HEREON.
- TOPOGRAPHIC INFORMATION SHOWN HEREON BASED ON GROUND SURVEY. CONTOURS SHOWN HEREON REFLECT 1-FOOT INTERVALS.

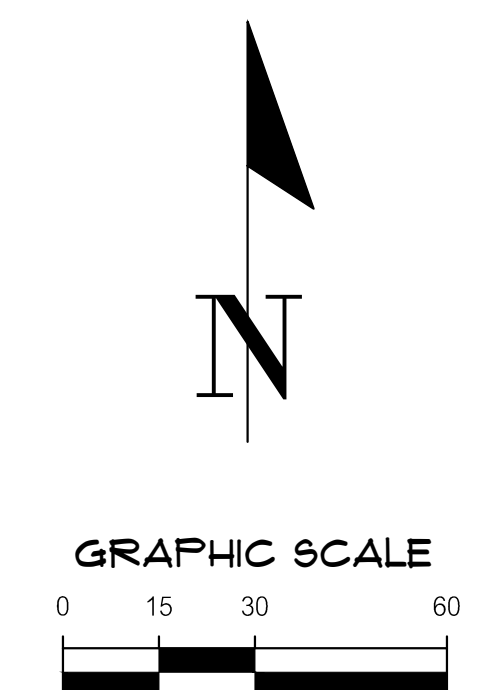
LEGEND:

- (D) = DATA BASED ON RECORDED DEED
- (M) = DATA BASED ON FIELD MEASUREMENTS
- FEMA = FEDERAL EMERGENCY MANAGEMENT AGENCY
- F.I.R.M. = FLOOD INSURANCE RATE MAP
- R/W = RIGHT OF WAY
- ID. = IDENTIFICATION
- INV = INVERT
- CMP = CORRUGATED METAL PIPE
- F.F.E. = FINISHED FLOOR ELEVATION
- O.R.B. = OFFICIAL RECORDS BOOK
- PG. = PAGE
- LAO = LAUREL OAK TREE
- = FOUND 5/8" STEEL ROD & CAP (AS NOTED)
- = FOUND 3/4" IRON PIPE (AS NOTED)
- ⊗ = FOUND 5/8" IRON ROD (AS NOTED)
- = SET 5/8" STEEL ROD & CAP (TRAV LB 5075)
- AC = AIR CONDITIONER
- = METAL SIGN (AS NOTED)
- = CLEANOUT
- ⊞ = ELECTRIC BOX
- ⊞ = TELEPHONE PEDESTAL
- ⊞ = TELEPHONE JUNCTION BOX
- ⊞ = WOODEN POWER POLE
- X 150.5 = SPOT ELEVATION (PERVIOUS SURFACE)
- X 150.45 = SPOT ELEVATION (IMPERVIOUS SURFACE)
- 150 = CONTOUR LINE
- = TREE (SIZE/TYPE NOTED)
- ⊞ = BENCHMARK
- = OVERHEAD WIRE
- = 4" WIRE FENCE
- = METAL GUARD RAIL
- = ASPHALT SURFACE
- = CONCRETE SURFACE
- = GRAVEL SURFACE



FLOOD ZONE:

THIS PROPERTY IS LOCATED IN FEDERAL FLOOD ZONE "X". AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS INTERPOLATED FROM FEMA F.I.R.M. PANEL NO. 195 OF 310, COMMUNITY PANEL NO. *120015 0195 F, EFFECTIVE DATE: NOVEMBER 02, 2018.



CURVE DATA TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C1	83.90'(M)	5762.58'(M)	00°50'03"(M)	83.90'(M) 84.11'(D)	S 68°17'30" W(M) S 68°18'26" W(D)
C2	120.31'(M)	100.00'(M)	68°55'54"(M)	113.18'(M) 113.03'(D)	N 77°46'00" W(M) N 77°44'42" W(D)

Tech: Aeronot File Date: Apr 22, 2024 5:53pm Filename: \\s:\2024\34-0070\Department\01_Survey\DWG\24-0070 BOUNDARY TOPOG.dwg

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CHW

Professional Consultants

SCALE: 1" = 30'

FIELD SCALE ON ORIGINAL DRAWING
0 INCHES USE FOR THIS SHEET. ADJUST SCALES ACCORDINGLY.

BRADFORD COUNTY, FLORIDA

PROJECT NO: 24-0070

DATE: 04-02-2024

DESIGNER: AARON H. HICKMAN

CHECKED BY: AHH

PROJECT NUMBER: 24-0070

FIELD BOOK & PAGE: 691/67-69/67

This map prepared by: AARON H. HICKMAN

Certificate of Authorization No. LB 5075
NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OR ELECTRONIC DIGITAL SIGNATURE OF A FLORIDA LICENSED SURVEYOR AND MAPPER

PROFESSIONAL SURVEYOR & MAPPER Fla. License No. 0791

SHEET NO: 1 OF 1

GENERAL NOTES

- 1. THE TOPOGRAPHIC AND EXISTING INFORMATION SHOWN HEREON WERE TAKEN FROM A BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY CHW, AND DATED APRIL 2, 2024.
2. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. THE RESPECTIVE UTILITY COMPANIES SHALL RELOCATE ALL UTILITIES THAT INTERFERE WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING THE RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.
3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE APPROPRIATE UTILITY COMPANIES IN ORDER TO ALLOW MARKING OF THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES IN ADVANCE OF CONSTRUCTION BY CALLING THE FLORIDA SUNSHINE STATE ONE-CALL CENTER, INC. AT 1-800-432-4770 OR 811. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY "SUNSHINE" 48 HOURS PRIOR TO ANY CLEARING OF CONSTRUCTION TO IDENTIFY ALL UTILITY LOCATIONS. NO CONSTRUCTION ACTIVITY MAY OCCUR UNTIL THE UTILITIES HAVE BEEN PROPERLY MARKED.
4. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL LOCATION AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE PROJECT ENVELOPE SHOWN PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CALL ALL UTILITY COMPANIES TO HAVE THE LOCATIONS OF ALL UTILITIES FIELD MARKED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONTINUING CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
6. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
7. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK INCLUDING LANDSCAPING.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY AND/OR MUNICIPALITY INSTRUCTIONS.
9. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL GOVERNMENTAL AGENCIES AND WATER MANAGEMENT DISTRICT PER CURRENT REGULATIONS AT THE SOLE COST OF THE CONTRACTOR.
11. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT AND BORINGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED CONSTRUCTION TECHNIQUES.
12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SERVICES OF AN APPROVED TESTING LABORATORY AND/OR SOILS ENGINEER, APPLICABLE REGULATORY AGENCIES, AND AS MAY BE FOUND IN THE ENGINEERING CONSTRUCTION DRAWINGS OR SPECIFICATIONS. CONTRACTOR TO VERIFY ALL TESTING WITH THE OWNER PRIOR TO COMMENCING CONSTRUCTION. UPON COMPLETION OF THE WORK, THE TESTING LABORATORY AND/OR SOILS ENGINEER MUST SUBMIT TO THE OWNER'S ENGINEER CERTIFICATIONS STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
13. INSTALL SILT FENCE PRIOR TO SITE DEMOLITION OR NEW SITE CONSTRUCTION. INSTALL SILT FENCE PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL AND PROVIDE TOE-IN. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE PROJECT SILT FENCE SHALL BE INSPECTED DAILY AND ANY CORRECTIVE MEASURES SHALL BE COMPLETED WITHIN 24 HOURS.
14. ALL TREE BARRICADES AND SILT FENCING SHALL BE INSTALLED AND INSPECTED BY BRADFORD COUNTY ENVIRONMENTAL PROTECTION DEPARTMENT PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR CONSTRUCTION ACTIVITIES.
15. THE CONTRACTOR IS TO PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
16. ALL DELETERIOUS MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER'S ENGINEER OR OWNER'S SOIL TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED AND REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE AREAS.
17. CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS SHALL BE SODDED, SEEDED, MULCHED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL, AS DIRECTED BY THESE PLANS, IMMEDIATELY FOLLOWING CONSTRUCTION PER LOCAL INSPECTOR.
18. WORK BEING PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON THE SITE BY OTHER CONTRACTORS AND/OR UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES.
19. ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
20. THE GOVERNING STANDARDS AND SPECIFICATIONS, UNLESS STATED OTHERWISE SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS (FY 2024-25 ROAD CONSTRUCTION), AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED FY 2024, AS AMENDED BY CONTRACT DOCUMENTS. ALL MATERIALS AND METHODS SHALL MEET FDOT SPECIFICATIONS AND SHALL BE PRODUCED OR OBTAINED FROM AN FDOT APPROVED SOURCE.
21. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.
22. ALL STRIPING WITHIN THE FDOT RIGHT OF WAY SHALL BE PLACED FIRST AS TEMPORARY STRIPING FOLLOWED BY APPLICATION OF THERMOPLASTIC STRIPING 30 DAYS LATER.
23. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER BENCHMARKS ON-SITE. EXISTING BENCH MARKS SCHEDULED FOR REMOVAL SHALL BE RELOCATED AT CONTRACTORS EXPENSE AND RE-ESTABLISHED BY A LICENSED SURVEYOR.
24. ALL HANDICAP RAMPS SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE AND AMERICANS WITH DISABILITIES ACT.
25. A PRE-CONSTRUCTION CONFERENCE SHALL BE REQUIRED. THE CONTRACTOR, ENGINEER OF RECORD, AND THE OWNER SHALL MEET WITH THE BRADFORD COUNTY PUBLIC WORKS DEPARTMENT PRIOR TO INITIATION OF SITE CONSTRUCTION.
26. ANY CHANGE ORDER REQUESTS, SITE REVISIONS, AND PAY REQUESTS MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD.
27. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING AS NEEDED THROUGHOUT ALL CONSTRUCTION ACTIVITIES COVERED BY THESE PLANS. DEWATERING SHALL BE DONE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, 2024 EDITION, SECTION 120.
28. THE CONTRACTOR IS RESPONSIBLE FOR THE PERFORMANCE AND COST OF ALL CLEARING AND GRUBBING AND ALL WORK OF REMOVAL, DISPOSAL AND REPAIR OR REPLACEMENT OF EXISTING IMPROVEMENTS WHERE SHOWN IN THE PLANS, OR ORDERED BY THE ENGINEER TO BE REMOVED, OR WHERE REQUIRED BECAUSE OF THE CONSTRUCTION OPERATIONS, IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS (THIS INCLUDES BUT IS NOT LIMITED TO PROPOSED PIPING, STRUCTURES, UTILITIES, PAVING, CURBING, ETC.).
29. AN AS-BUILT SURVEY MAY BE REQUIRED BY REGULATORY AGENCIES. CONTRACTOR TO COORDINATE WITH PROJECT OWNER FOR COMPLETION OF AS-BUILT SURVEYS PRIOR TO PROJECT / PERMIT CLOSE-OUT.

MAINTENANCE OF TRAFFIC (MOT) NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR CREATING A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR CONSTRUCTION ACTIVITY THAT OCCURS WITHIN THE PUBLIC RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO SIDEWALK WORK AND ACTIVITIES THAT REQUIRE A LANE (OR ROAD) CLOSURE, SUCH AS CONNECTION TO SEWER MANHOLES AND WATER MAINS. THE MOT PLAN MUST BE CREATED BY A REGISTERED PROFESSIONAL ENGINEER WHO IS CERTIFIED TO DO SO BY THE FDOT MOT CERTIFICATION TRAINING. THE MOT PLAN MUST ALSO BE IN ACCORDANCE WITH FDOT STANDARDS PLANS AND FDOT STANDARD SPECIFICATIONS REQUIREMENTS AND MUST BE REVIEWED AND APPROVED BY BRADFORD COUNTY.
2. THE CONTRACTOR SHALL SUBMIT THE MOT TO THE APPROPRIATE REGULATORY AUTHORITY PRIOR TO WORK REQUIRING THE MOT FOR APPROVAL. NO WORK IN THE ROW SHALL OCCUR UNTIL THE MOT IS APPROVED.

DEMOLITION GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLITION MATERIALS IN A SAFE AND LAWFUL MANNER. THE CONTRACTOR SHALL SALVAGE TO THE OWNER ANY ITEM AS DETERMINED BY THE OWNER. ONCE DEMOLISHED, MATERIAL SHALL BE DISPOSED OF PROPERLY AND IMMEDIATELY.
2. REMOVE ALL IMPROVEMENTS DEFINED ON THE DEMOLITION PLAN. SALVAGE ITEMS TO OWNER AS DEFINED BY THE OWNER'S REPRESENTATIVE AND CONSTRUCTION DOCUMENT SPECIFICATIONS.
3. EXISTING PAVEMENT AND SIDEWALK EDGES THAT BORDER NEW CONSTRUCTION OR DEMOLITION ARE TO BE SAW-CUT TO PROVIDE A SMOOTH TRANSITION.
4. ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED.
5. ROOTS LARGER THAN 1 INCH IN DIAMETER ON TREES TO BE PRESERVED THAT ARE ENCOUNTERED DURING CONSTRUCTION MUST BE CUT CLEANLY AND COVERED OVER WITH SOIL BY THE END OF THE WORKING DAY.
6. ALL ASPHALT AND LIMEROCK WILL BE COMPLETELY REMOVED FROM AREAS THAT WILL BE LANDSCAPED. IN PARTICULAR, AREAS WHERE ASPHALT WILL BE REMOVED MUST HAVE THE TOP HARD SURFACE, LIMEROCK, AND COMPACTED SOIL REMOVED. REPLACEMENT SOIL SHALL BE CLEAN DEEP FILL OF PH 5.5 - 6.5. THE DEPTH OF UNCOMPACTED SOIL PRIOR TO PLANTING MUST BE AT LEAST 3 FEET TO ACCOMMODATE FUTURE TREE ROOT GROWTH. NO LIMEROCK, LARGE STONES, OR OTHER CONSTRUCTION DEBRIS CAN REMAIN IN AREAS TO BE LANDSCAPED.

PAVING, GRADING, AND DRAINAGE GENERAL NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON-SITE EROSION/SEDIMENTATION AND TO PROTECT AGAINST DAMAGE TO OFF SITE PROPERTY. THE FOLLOWING PRACTICES SHALL BE EMPLOYED:
A. A. EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF-SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL TO PREVENT OFF-SITE DISCHARGE OF SEDIMENTS. A SILT BARRIER SHALL SPECIFICALLY BE REQUIRED, CONSTRUCTED, AND MAINTAINED AS INDICATED ON THIS SHEET. TEMPORARY SEED AND MULCH SHOULD BE USED TO CONTROL ON-SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. SOD SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES STEEPER THAN 5 (FT) HORIZONTAL TO 1 (FT) VERTICAL. SOD SHALL BE PINNED AS REQUIRED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE CONTRACTOR SHALL INSPECT AND REPAIR AS NECESSARY THE EROSION/SEDIMENTATION PROTECTION AT THE END OF EACH WORKING DAY.
B. NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.
C. B. ALL INLET STRUCTURES AND PIPE SHALL BE PROTECTED FROM SILTATION BY CONSTRUCTING INLET PROTECTION AS DEFINED BY THESE PLANS OR IN THE FDOT STANDARDS. IF SILTATION OCCURS, THE CONTRACTOR IS RESPONSIBLE TO REMOVE SILTATION AS PART OF THE BASE CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
D. C. EXCAVATED STORMWATER FACILITIES SHALL BE CONSTRUCTED AS PART OF THE INITIAL CONSTRUCTION. THE FACILITIES SHALL BE ROUGH GRADED TO THE DESIGN ELEVATIONS. AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED, THE FACILITIES BOTTOM SHALL BE OVER EXCAVATED BY SIX INCHES, SCARIFIED, BACKFILLED WITH ARCHER FILL (HAVING NO PASSING NO. 200 SIEVE) AND GRADED TO FINAL DESIGN GRADES. EXCESS AND UNSUITABLE SOILS SHALL BE REMOVED FROM THE BASIN (REMOVE ALL ACCUMULATED SILTS, CLAYS, ORGANIC, AND DEBRIS). FINALLY, SCARIFY AND RAKE BOTTOM AND VEGETATE.
E. D. PERMANENT VEGETATIVE STABILIZATION SHALL BE APPLIED ON FINE GRADED SITES AS SOON AS PRACTICAL. TEMPORARY SEEDING SHOULD BE EMPLOYED TO PREVENT EXPOSURE OF BARREN SOILS UNTIL PERMANENT VEGETATION CAN BE APPLIED.
F. E. ALL SLOPES 1:3 OR STEEPER REQUIRE LAPPED OR PEGGED SOD.
G. F. EROSION, SEDIMENT AND TURBIDITY CONTROL ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DELINEATED MEASURES ARE THE MINIMUM REQUIRED, WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATION.
H. G. ALL SYNTHETIC BALES, SILT FENCE, AND OTHER EROSION CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
2. THE CONTRACTOR SHALL MAINTAIN IN HIS POSSESSION A COPY OF THE WATER MANAGEMENT DISTRICT CONSTRUCTION PERMIT. HE SHALL BE RESPONSIBLE FOR ADHERENCE TO ALL CONDITIONS CONTAINED IN THE PERMIT.
3. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
4. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.
5. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.
6. GENERAL CONTRACTOR TO CONTACT ENGINEER OF RECORD AND THE OWNER REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO BACKFILLING TRENCHES FOR FIELD INSPECTION AND PRIOR TO LAYING ASPHALT FOR FIELD INSPECTION.
7. CONTRACTOR IS TO SUBMIT FDOT APPROVED ASPHALT DESIGN MIXES TO THE OWNER'S REPRESENTATIVE AND ENGINEER OF RECORD BEFORE ANY WORK IS TO COMMENCE ON PROJECT. THE MIXTURE AT THE PLANT OR ON THE ROAD SHALL NOT EXCEED 3% DEGREES. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND PROVIDE TEMPERATURE READINGS PRIOR TO LAYING ASPHALT.
8. AS DETERMINED NECESSARY AND DIRECTED BY BRADFORD COUNTY PUBLIC WORKS DEPARTMENT OR ENGINEER OF RECORD, THE CONTRACTOR SHALL UNDERCUT ALL UNSUITABLE MATERIAL 24 INCHES BELOW THE BOTTOM OF ANY PROPOSED LIMEROCK BASE, AND SHALL BACKFILL WITH FILL MATERIAL MEETING FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SEE FDOT INDEX 120-001 AND 120-002.
9. PROVIDE LEVEL PLATFORM IN FRONT OF ALL EGRESS DOORS. THE FLOOR SURFACE ON BOTH SIDES OF A DOOR SHALL BE AT THE SAME ELEVATION. THE FLOOR SURFACE OR LANDING ON EACH SIDE OF THE DOOR SHALL EXTEND FROM THE DOOR IN THE CLOSED POSITION A DISTANCE EQUAL TO THE DOOR WIDTH AND SHALL COMPLY WITH SECTION 4.13.6 MANEUVERING CLEARANCES AT DOORS OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
10. RAMPS SHALL HAVE LEVEL LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP RUN. CURB RAMPS ARE NOT REQUIRED TO HAVE LANDINGS. LANDINGS SHALL HAVE THE FOLLOWING FEATURES:
A. THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.
B. ALL LANDINGS ON RAMPS SHALL BE NOT LESS THAN 60" CLEAR, AND THE BOTTOM OF EACH RAMP SHALL HAVE NOT LESS THAN 72" OF STRAIGHT AND LEVEL CLEARANCE.
C. IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60"x60". IF A RAMP RUN HAS A RISE GREATER THAN 6" OR A HORIZONTAL PROJECTION GREATER THAN 72" THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS. HANDRAILS SHALL BE SHOWN ON THE SITE PLAN.
11. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTRUCTION MATERIALS IN AREAS DESIGNATED BY THE OWNER.
12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING RECORD DRAWINGS AS NOTED IN NOTE #29 UNDER SITE GENERAL NOTES.
13. ALL CONCRETE USED SHALL BE 2,500 PSI MINIMUM.
14. ALL WELLS, CLEANOUTS, MANHOLE TOPS, PULL BOX COVERS AND OTHER UTILITY APPURTENANCES IN THE AREA OF REDEVELOPMENT SHALL BE PROTECTED AND TOPS ADJUSTED TO MATCH PROPOSED GRADES.
15. CONTRACTOR SHALL SAW CUT, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS ANY EXISTING PAVEMENT.
16. SOD SHALL BE PLACED AROUND ALL STRUCTURES AS DIRECTED BY THE FDOT INDEX 524-001 AND FDOT INDEX 425- AND 430- SERIES AS APPROPRIATE. ALL OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
17. ALL STORM SEWER CURB AND DITCH BOTTOM INLETS SHALL CONFORM TO THE APPLICABLE FDOT INDEX. ALL DRAINAGE STRUCTURES WITH GRATES THAT ARE LOCATED IN GRASSED AREAS SHALL HAVE THE GRATE CHAINED TO THE STRUCTURE USING AN EYE BOLT AND CHAIN.
18. ALL CONCRETE STRUCTURES SHALL HAVE ALL EXPOSED EDGES CHAMFERED 3/4" AND CLASS 1 SURFACE FINISH.
19. ALL HDPE FITTINGS AND CONNECTORS SHALL BE WATER TIGHT. SEE SPECIFICATIONS FOR MORE INFORMATION.
20. COMPACTION OF ALL MATERIALS SHALL BE LIMITED TO STATIC MODE ONLY, UNLESS DIRECTED OTHERWISE BY THE ENGINEER OF RECORD.
21. ALL RCP PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 430.

WATER AND WASTEWATER GENERAL NOTES

- 1. MATERIALS AND CONSTRUCTION METHODS FOR WATER AND WASTEWATER SYSTEMS SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY CODES, PLANS, AND SPECIFICATIONS FOR CONSTRUCTION. LATEST REVISION THEREOF AND SUPPLEMENTAL SPECIFICATIONS THERETO, APPROVAL AND CONSTRUCTION OF ALL UTILITY EXTENSIONS AND CONNECTIONS MUST BE COORDINATED THROUGH THE REGULATORY AGENCY DEPARTMENT FOR PUBLIC UTILITIES.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES TO DISCONNECT OR REMOVE THEIR FACILITIES PRIOR TO REMOVING OR DEMOLISHING ANY EXISTING STRUCTURES FROM THE SITE.
3. THE CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY UTILITY FIELD LOCATION AND RELOCATION AS REQUIRED.
4. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.
5. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATION TEST ON GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES US THE CONTRACTOR'S RESPONSIBILITY.
6. ALL FORCE MAINS SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.
7. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.
8. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN SIX FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND GRAVITY OR PRESSURE WASTEWATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN THREE FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND VACUUM WASTEWATER MAINS. A HORIZONTAL SEPARATION OF THREE FEET SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND STORM SEWERS, STORMWATER FORCE MAINS, AND RECLAIMED WATER MAINS REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
9. WHEN POTABLE WATER MAINS CROSS OTHER PIPES, THE TWO PIPES SHALL HAVE JOINTS A MINIMUM OF SIX FEET FROM THE CROSSING. WHEN POTABLE WATER MAINS CROSS UNDERNEATH OTHER PIPES, THE MINIMUM VERTICAL SEPARATION IS TWELVE INCHES. WHEN POTABLE WATER MAINS CROSS ABOVE PRESSURE WASTEWATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, THE MINIMUM VERTICAL SEPARATION IS TWELVE INCHES. WHEN POTABLE WATER MAINS CROSS ABOVE GRAVITY AND VACUUM WASTEWATER MAINS, STORM SEWERS, AND STORMWATER FORCE MAINS, THE PREFERRED VERTICAL SEPARATION IS TWELVE INCHES AND THE THE MINIMUM VERTICAL SEPARATION IS SIX INCHES.
10. ALL WATER MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
11. RESTRAINED JOINTS SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS IN ACCORDANCE WITH AWWA STANDARDS.
12. ALL PVC WATER SERVICE LINES SHALL BE SCH 40 PVC.
13. THE SITE WORK CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED UNDERGROUND UTILITY AND EXCAVATION CONTRACTOR TO INSTALL THE NEW WATER SERVICE LINE.
14. ALL SANITARY SEWER SERVICE LATERALS SHALL BE 4" PVC SDR 35 OR 6" PVC SDR 35 WITH A CLEAN-OUT LOCATED PER THE PLANS. MINIMUM SLOPE FOR 4" LATERALS SHALL BE 1.0% AND A MINIMUM CLEANOUT SPACING OF 75 FEET ON-CENTER AND MINIMUM SLOPE FOR 6" LATERALS SHALL BE 0.6% AND A MINIMUM CLEANOUT SPACING OF 100 FEET ON-CENTER.
15. PUBLIC UTILITY EASEMENTS WILL BE PROVIDED AS REQUIRED FOR ALL UTILITIES SHOWN HEREON BY METES AND BOUND DESCRIPTION AND IN ACCORDANCE WITH THE REGULATORY AGENCY DEPARTMENT FOR PUBLIC UTILITIES.

ELECTRIC SERVICE GENERAL NOTES

- 1. ALL ELECTRICAL UTILITIES AND INFORMATION SHOWN ON THE CIVIL PLANS ARE FOR LOCATION AND COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL PLANS BY OTHERS FOR THE ELECTRICAL DESIGN AND DETAILS.

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CHW AN INVIS COMPANY
DATE: 09/06/24 BRADFORD COUNTY, SIMWOOD, AND DDP 01/06/25 BRADFORD COUNTY
PROJECT: SIMPSON CITY SLEEPING QUARTER ADDITIONS
SHEET TITLE: GENERAL NOTES
SHEET NUMBER: 24-0070
DANIEL H. YOUNG
State of Florida, Professional Engineer, License No. 70780
This has been electronically signed and sealed by Daniel H. Young, P.E., on 01/06/25, using a Digital Signature.
Printed copies of this document are not considered signed and sealed and the signatures must be verified on any electronic copies.
FL PE No. 70780 SHEET NO. C0.10

ABBREVIATIONS

<p>SYMBOLS</p> <p>FEET (WHEN USED WITH LENGTHS)</p> <p>DEGREES</p> <p>MINUTES (WHEN USED WITH ANGLES)</p> <p>SECONDS</p> <p>PERCENT</p> <p>AT</p> <p>A</p> <p>ASSHTO ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS</p> <p>AC ACRES</p> <p>ADA AMERICAN WITH DISABILITIES ACT</p> <p>ANSI AMERICAN NATIONAL STANDARDS INSTITUTE</p> <p>ARCH ARCHITECT</p> <p>ARV AIR RELEASE VALVE</p> <p>ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS</p> <p>AWWA AMERICAN WATER WORKS ASSOCIATION</p> <p>B</p> <p>BC BACK OF CURB</p> <p>BFP BACKFLOW PREVENTER</p> <p>BLDG BUILDING</p> <p>BM BENCHMARK</p> <p>BMP BEST MANAGEMENT PRACTICE</p> <p>BOC BACK OF CURB</p> <p>BVCS BEGIN VERTICAL CURVE STATION</p> <p>BVCE BEGIN VERTICAL CURVE ELEVATION</p> <p>BW BOTTOM OF WALL</p> <p>BSL BUILDING SETBACK LINE</p> <p>C</p> <p>CATV CABLE TELEVISION</p> <p>CI CURB INLET</p> <p>CIPI CAST IRON PIPE</p> <p>CLDIP CEMENT LINE DUCTILE IRON PIPE</p> <p>CMP CORRUGATED METAL PIPE</p> <p>COA CITY OF ALACHUA</p> <p>CONC CONCRETE</p> <p>COORD COORDINATE</p> <p>CR COUNTY ROAD</p> <p>C/O CLEANOUT</p> <p>D</p> <p>DBH DIAMETER AT BREAST HEIGHT</p> <p>DE DRAINAGE EASEMENT</p> <p>DEG DEGREE</p> <p>DIA DIAMETER</p> <p>DIP DUCTILE IRON PIPE</p> <p>DWG DRAWING</p> <p>E</p> <p>e RATE OF ELEVATION</p> <p>E EAST</p> <p>EA EACH</p> <p>EL ELEVATION</p> <p>ELEV ELEVATION</p> <p>EOP EDGE OF PAVEMENT</p> <p>EOR ENGINEER OF RECORD</p> <p>ERCP ELLIPTICAL REINFORCED CONCRETE PIPE</p> <p>ESMT EASEMENT</p> <p>EVCS END VERTICAL CURVE STATION</p> <p>EVCE END VERTICAL CURVE ELEVATION</p> <p>EX EXISTING</p> <p>F</p> <p>FAC FLORIDA ADMINISTRATIVE CODE</p> <p>FBR FLORIDA BEARING RATIO</p> <p>FC FRICTION COURSE</p> <p>FDEP FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION</p> <p>FDOT FLORIDA DEPARTMENT OF TRANSPORTATION</p> <p>FFE FINISHED FLOOR ELEVATION</p> <p>FH FIRE HYDRANT</p> <p>FHWA FLORIDA HIGHWAY ADMINISTRATION</p> <p>FIG FIGURE</p> <p>FM FORCE MAIN</p> <p>FOC FACE OF CURB</p> <p>FS FLORIDA STATUTES</p> <p>FT FEET</p> <p>G</p> <p>GALV GALVANIZED</p> <p>GM GAS MAIN</p> <p>GV GATE VALVE</p> <p>H</p> <p>HDPE HIGH DENSITY POLYETHYLENE</p> <p>HP HIGH POINT</p> <p>I</p> <p>ID IDENTIFICATION</p> <p>INV INVERT</p> <p>INV EL INVERT ELEVATION</p> <p>IP IRON PIPE</p> <p>K</p> <p>K VERTICAL CURVE RATE OF CHANGE</p> <p>L</p> <p>LA LANDSCAPE ARCHITECT</p> <p>LBR LIMEROCK BEARING RATIO</p> <p>LDR LAND DEVELOPMENT REGULATION</p> <p>LF LINEAR FEET</p> <p>LP LOW POINT</p> <p>LT LEFT</p> <p>M</p> <p>MAX MAXIMUM</p> <p>ME MATCH EXISTING</p> <p>MH MANHOLE</p> <p>MIN MINIMUM</p> <p>MISC MISCELLANEOUS</p> <p>MJ MECHANICAL JOINT</p> <p>MUTCD MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES</p>	<p>N</p> <p>N NORTH</p> <p>N-E NORTHING - EASTING</p> <p>N/A NOT APPLICABLE</p> <p>NAVD NORTH AMERICAN VERTICAL DATUM OF 1988</p> <p>NGVD NATIONAL GEODETIC VERTICAL DATUM OF 1929</p> <p>NO NUMBER</p> <p>NPDES NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM</p> <p>NTS NOT TO SCALE</p> <p>O</p> <p>OC ON CENTER</p> <p>OHW OVERHEAD WIRE</p> <p>OP OUTLET PROTECTION</p> <p>ORB OFFICIAL RECORDS BOOK</p> <p>OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION</p> <p>P</p> <p>PAVT PAVEMENT</p> <p>PC POINT OF CURVATURE</p> <p>PCC POINT OF COMPOUND CURVE</p> <p>PE POLYETHYLENE</p> <p>PERF PERFORATED</p> <p>PROP PROPOSED</p> <p>PT POINT OF TANGENCY</p> <p>PVC POLYVINYL CHLORIDE</p> <p>PUE PUBLIC UTILITY EASEMENT</p> <p>PVI POINT OF VERTICAL INTERSECTION</p> <p>R</p> <p>R RADIUS</p> <p>RCP REINFORCED CONCRETE PIPE</p> <p>RPM RAISED REFLECTIVE PAVEMENT MARKER</p> <p>RIZ REDUCED PRESSURE ZONE</p> <p>RT RIGHT</p> <p>RWM RECLAIMED WATER MAIN</p> <p>R/W RIGHT-OF-WAY</p> <p>S</p> <p>S SOUTH</p> <p>SAN SANITARY</p> <p>SHWE SEASONAL HIGH WATER ELEVATION</p> <p>SD SOD</p> <p>SF SILT FENCE</p> <p>SL SLOPE</p> <p>SP SUPERPAVE</p> <p>SR STATE ROAD</p> <p>SS SANITARY SEWER</p> <p>ST STORM</p> <p>STA STATION</p> <p>STD STANDARD</p> <p>T</p> <p>TB TREE BARRICADE</p> <p>TCE TEMPORARY CONSTRUCTION EASEMENT</p> <p>TEMP TEMPORARY</p> <p>TOB TOP OF BANK</p> <p>TV TELEVISION</p> <p>TW TOP OF WALL</p> <p>TY TYPICAL</p> <p>U</p> <p>USF UNITED STATES FOUNDRY</p> <p>USGS UNITED STATES GEOLOGICAL SURVEY</p> <p>UTIL UTILITY</p> <p>V</p> <p>V VERTICAL</p> <p>VC VERTICAL CURVE</p> <p>VCP VITRIFIED CLAY PIPE</p> <p>W</p> <p>W WEST</p> <p>W WATER</p> <p>W/ WITH</p> <p>WM WATER MAIN</p> <p>WW WASTEWATER</p> <p>WWF WELDED WIRE FABRIC</p>
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SIGNAGE

SIGNS ARE PER FDOT SPECIFICATIONS OR PER MUTCD. SIGN POSTS AND INSTALLATION SHALL BE PER FDOT INDEX NO. 700-010. SIGN PLACEMENT SHALL BE PER FDOT INDEX NO. 700-101.

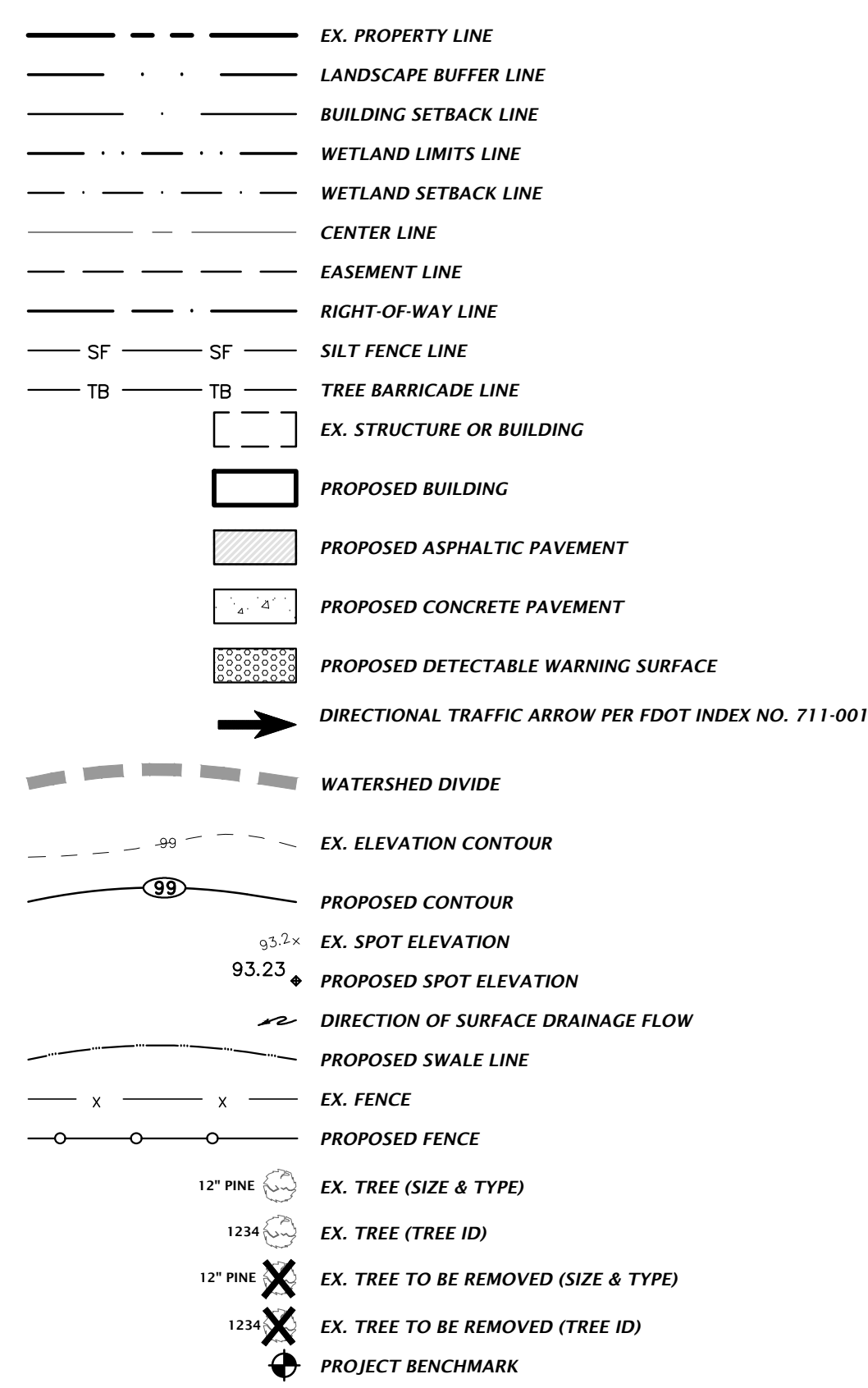


FTP-20-06 (12" x 18") PER FDOT INDEX NO. 700-102



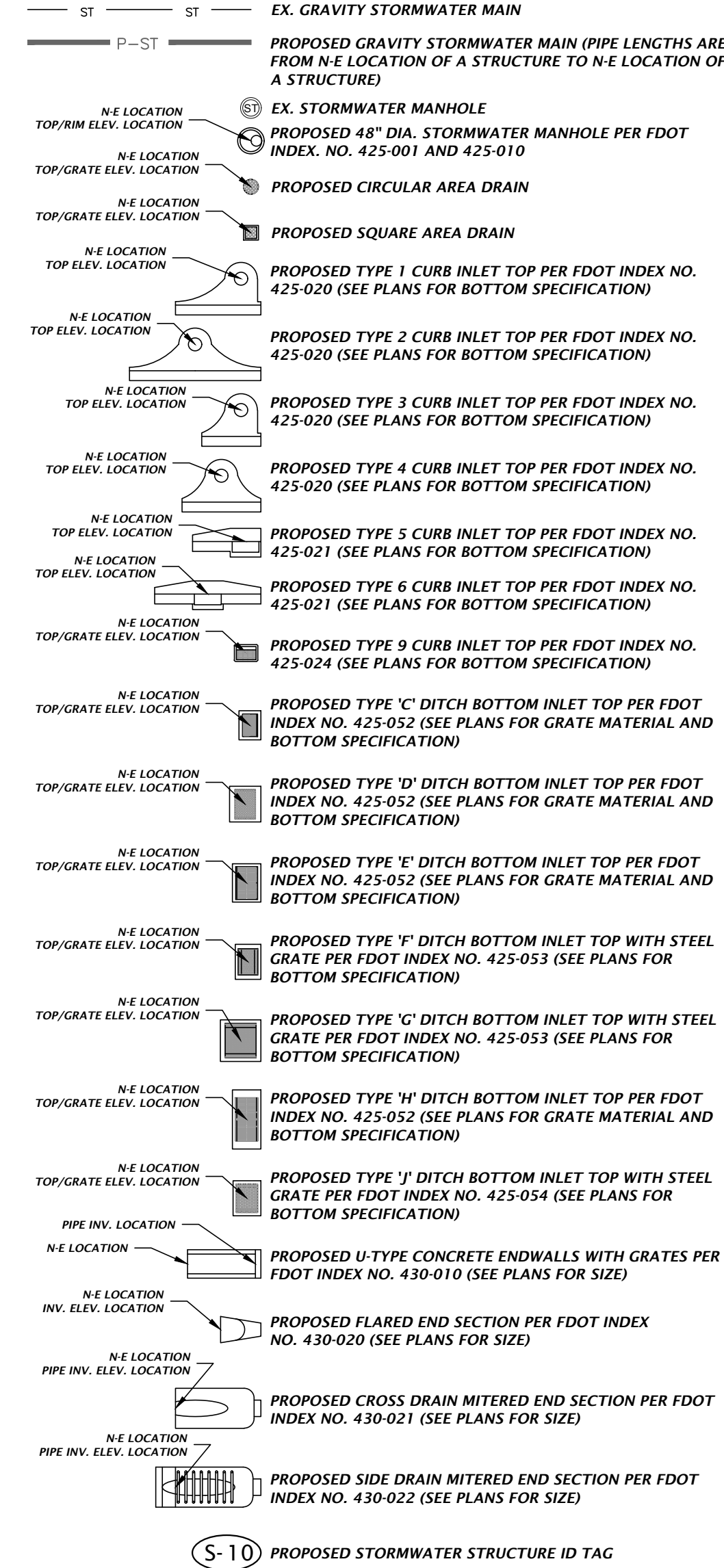
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SITE INFORMATION

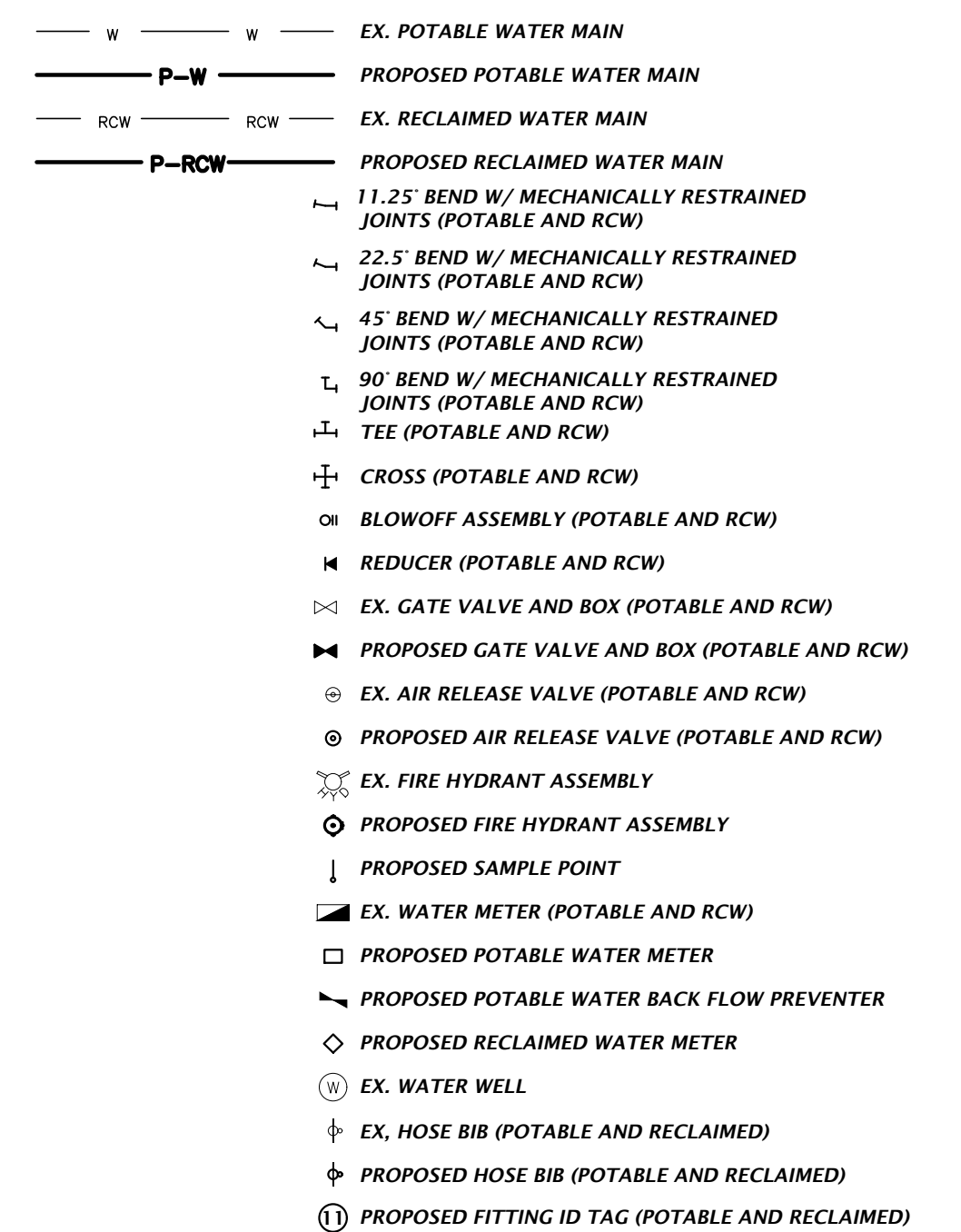


STORMWATER

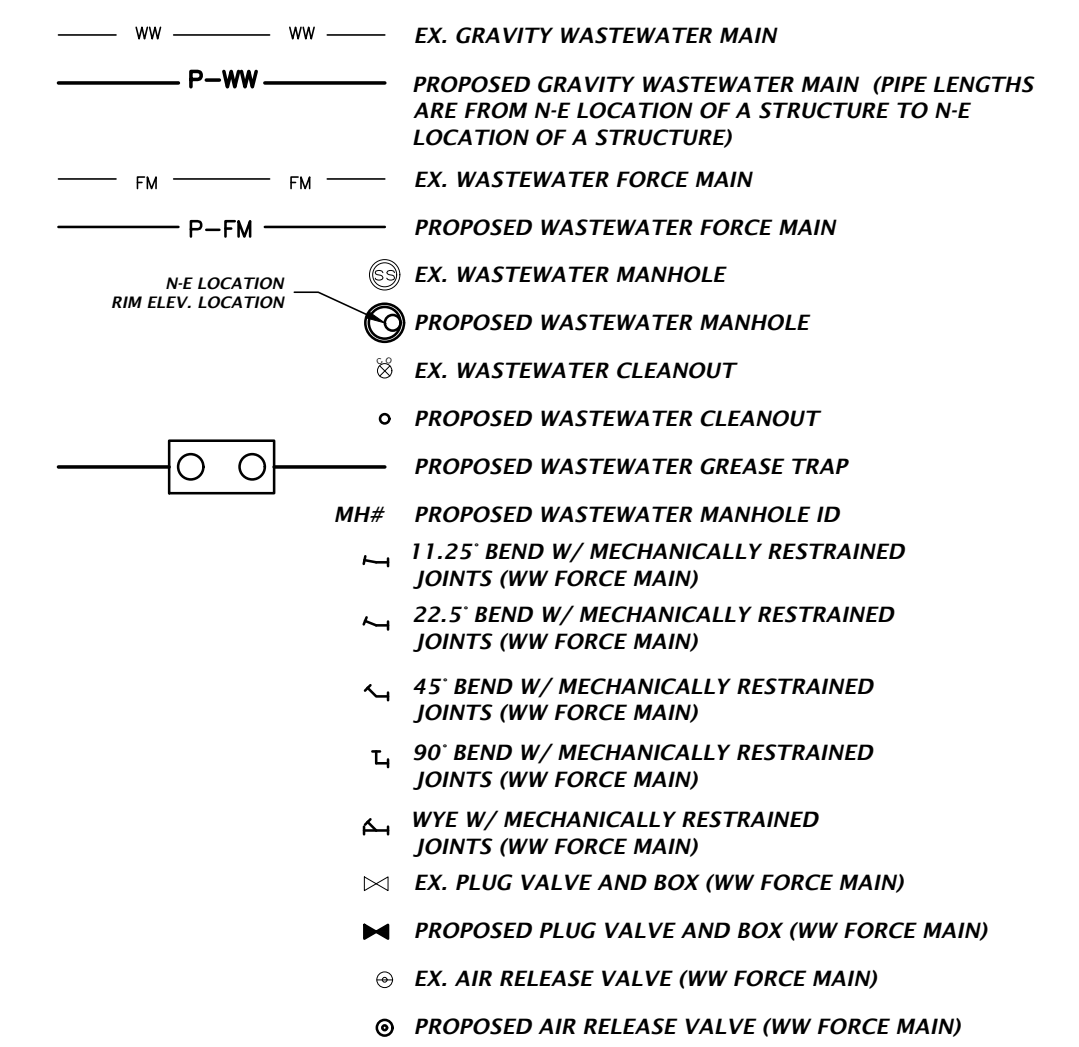
THE PROPOSED STORMWATER STRUCTURES DEPICTED BELOW ARE DRAWN PER FDOT SPECIFICATIONS AND TO SCALE WHEN SHOWN ON THE PLAN SHEETS.



POTABLE AND RECLAIMED WATER

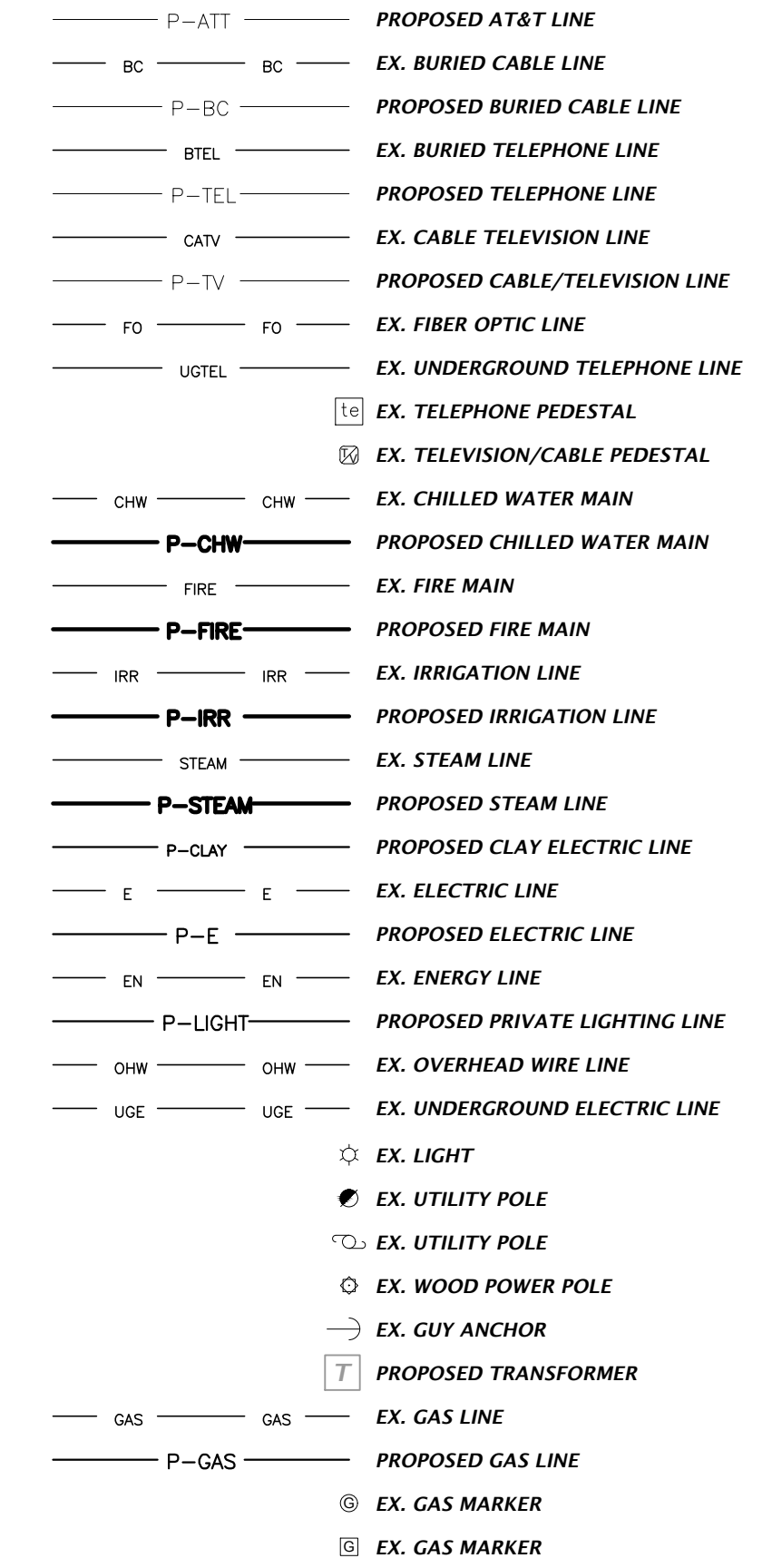


WASTEWATER



MISCELLANEOUS UTILITIES

THE PROPOSED UTILITIES BELOW ARE DESIGN BY OTHERS AND ARE DEPICTED FOR COORDINATION PURPOSES ONLY. REFER TO PLANS BY OTHERS FOR EXACT LOCATIONS, DIMENSION, AND DETAILS.



NOTES:
 1. THIS LEGEND IS ALL INCLUSIVE AND MAY INCLUDE ITEMS NOT A PART OF THIS PLAN SET.
 2. SYMBOLS SHOWN ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. UNLESS NOTED OTHERWISE, SYMBOLS IN THESE PLANS MAY NOT BE REPRESENTATIVE OF SIZE.

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 Alachua, Florida 32615
 (352) 351-1976
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CH2M HILL
 AN NVIS COMPANY

SCALE: N/A

DATE: 09/06/24

PROJECT: BRADFORD COUNTY BOCC

PROJECT: SAMIPSON CITY SLEEPING QUARTER ADDITIONS

PROJECT NUMBER: 24-0070

DESIGNER: DANIEL H. YOUNG
 (State of Florida, Professional Engineer, License No. 70780)

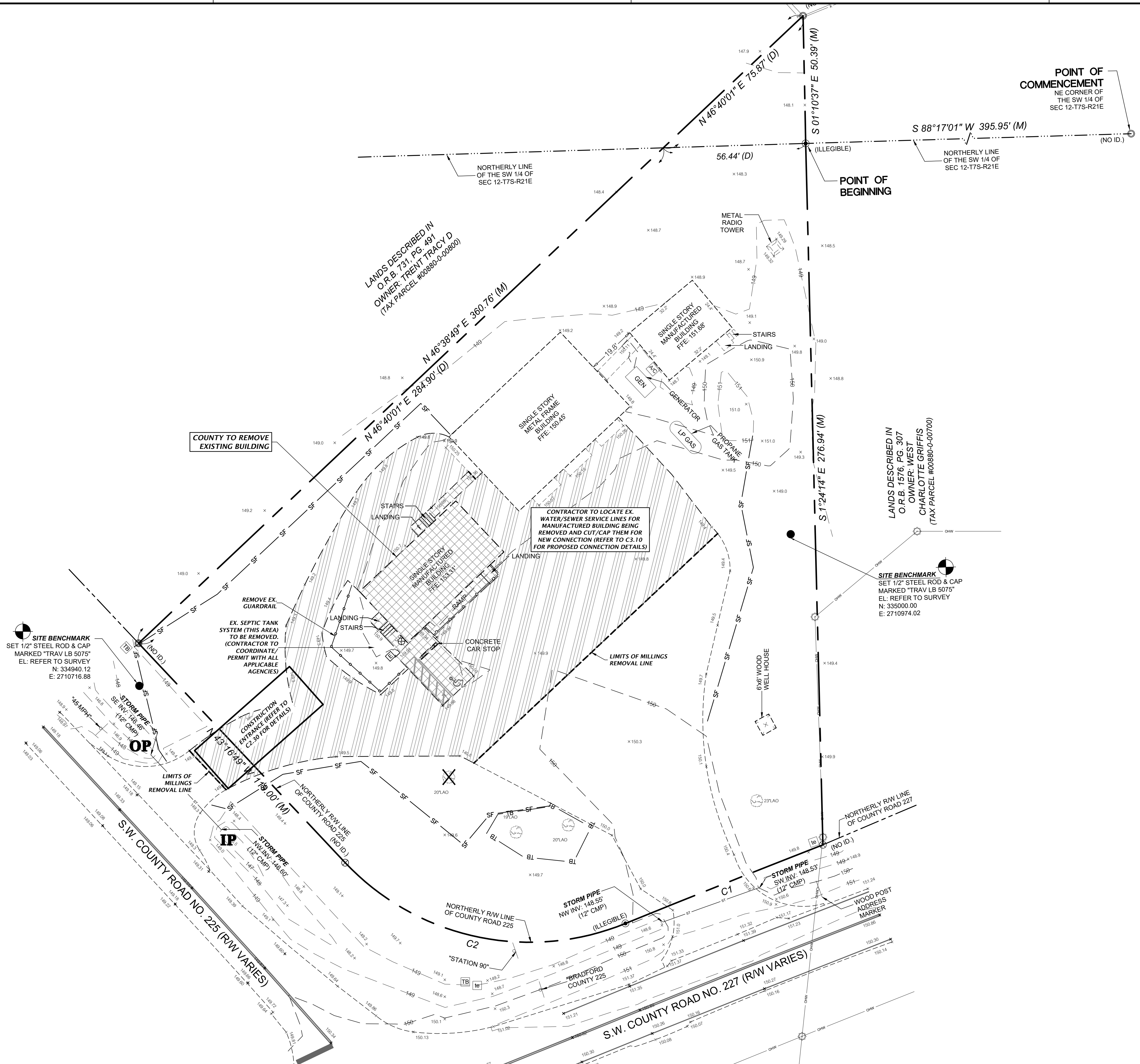
THIS PLAN HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY DANIEL H. YOUNG, P.E., ON 09/06/2024, USING A DIGITAL SIGNATURE.

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FL PE No. 70780

SHEET NO. C0.11

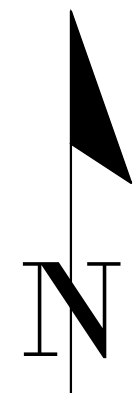
Title: Thomas; Plot Date: Jan 06 2025 2:05pm; Filename: N:\2024\24-0070\Department\CA_Engineering\02_DWG\Production\Plan\24-0070_DM.dwg



- = EX. IMPROVEMENTS TO BE REMOVED
 - = EX. MILLINGS SURFACE TO BE REMOVED
 - = EX. TREE TO BE REMOVED
 - = SAWCUT LINE
 - = SILT FENCE LINE
 - = TREE BARRICADE
 - IP** = INLET PROTECTION
 - OP** = OUTLET PROTECTION
- (REFER TO C2.30 FOR DETAILS)

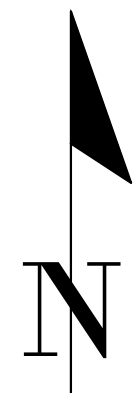
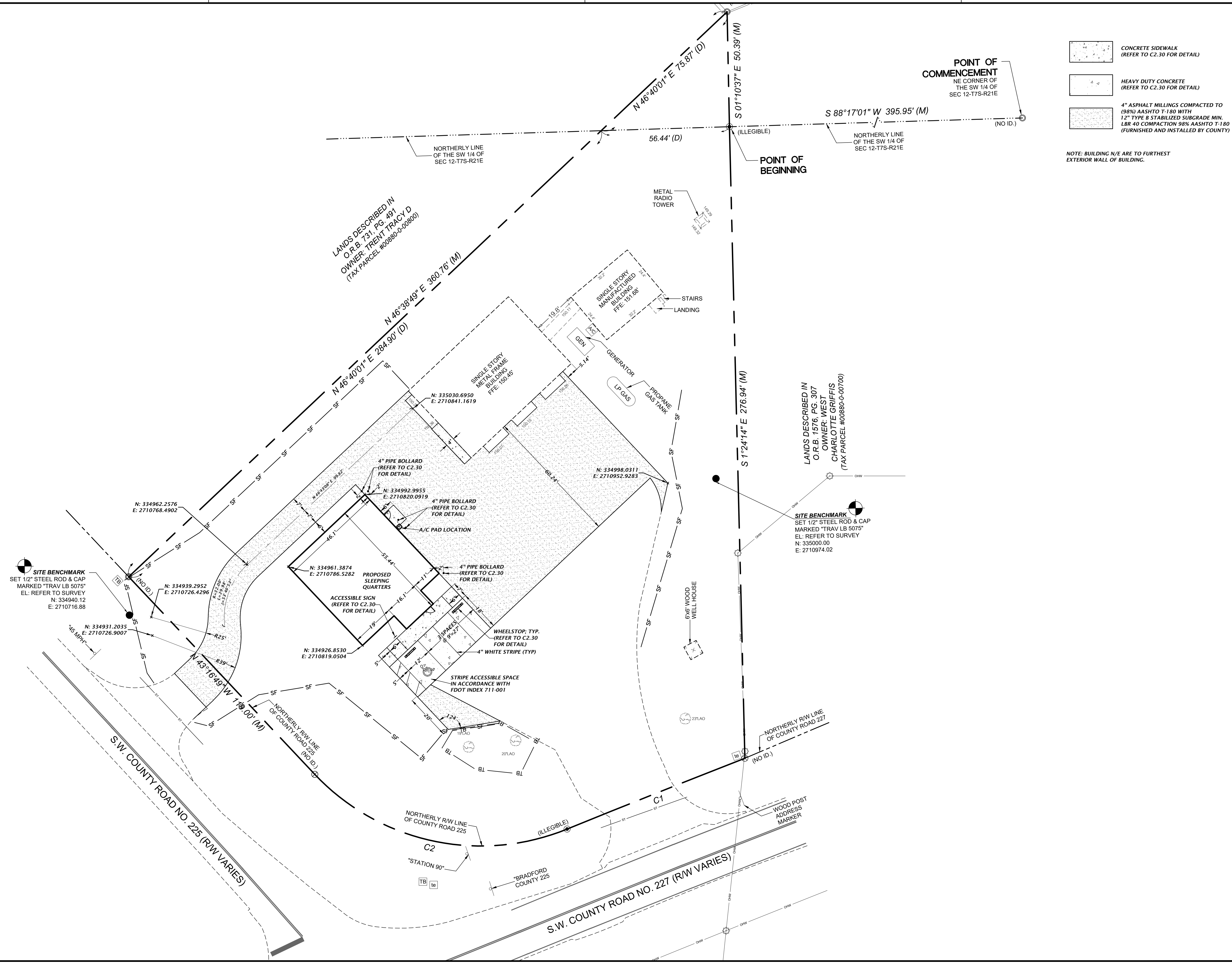
NOTE:

- CONTRACTOR SHALL HAVE ALL SILT FENCE & TREE BARRICADES INSTALLED PRIOR TO ANY SITE WORK.
- CONTRACTORS SHALL REPAIR/RESTORE ANY DISTURBED AREAS TO EXISTING OR BETTER CONDITION.

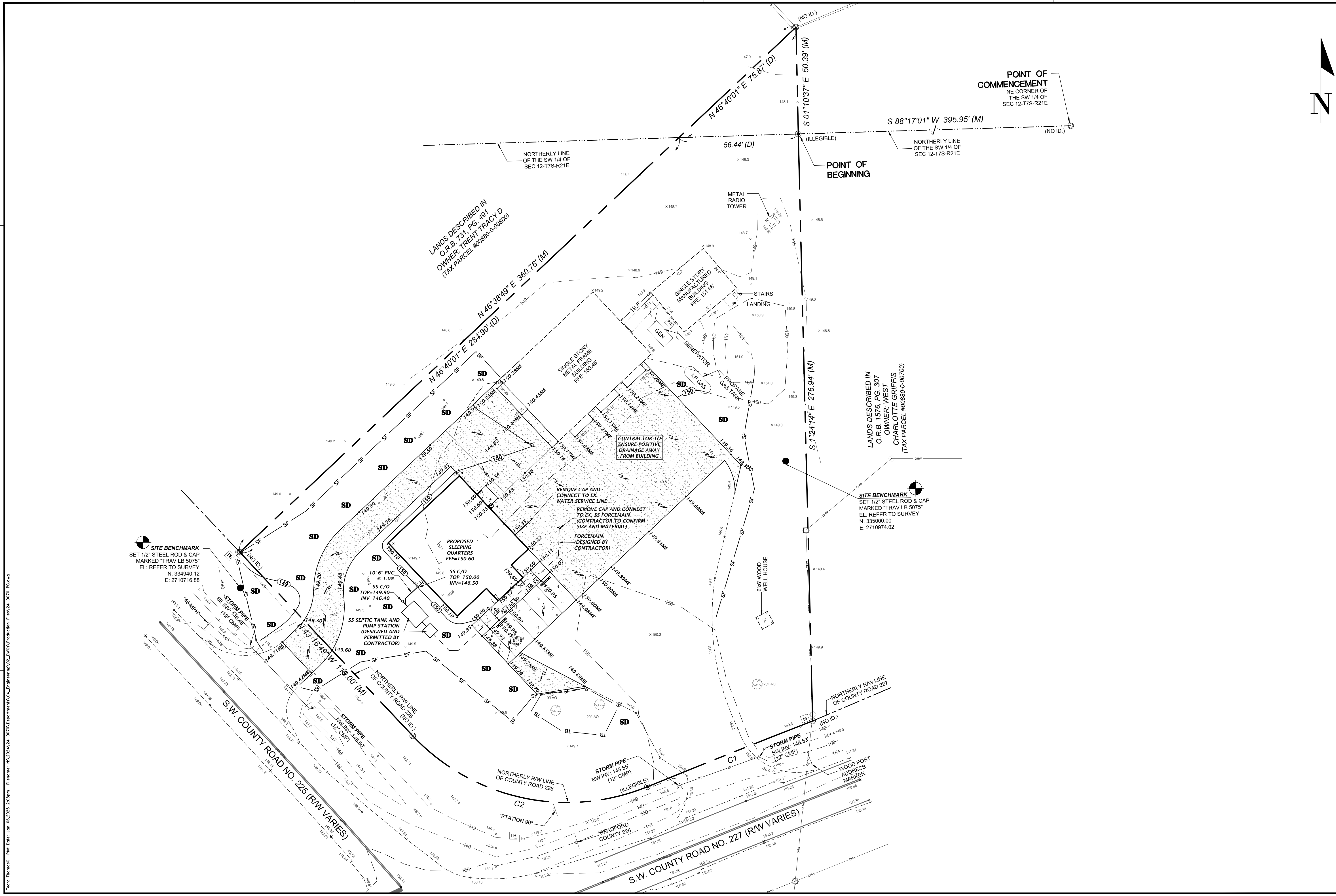


<p>11801 Research Drive Alachua, Florida 32615 (352) 351-1976 www.ch2x-inc.com</p> <p>est. 1988 FLORIDA CA-5075</p>	<p>SCALE: 1"=20'</p> <p>VERIFY SCALE ON ORIGINAL DRAWING</p> <p>0 = SHOWN AS NOTED ON THIS SHEET, ADJUST SCALES ACCORDINGLY.</p>
<p>CONSTRUCTION AND PROVISIONS</p>	
<p>BRADFORD COUNTY BOCC</p>	
<p>PROJECT: SAMPSON CITY SLEEPING QUARTER ADDITIONS</p>	
<p>CLIENT: BRADFORD COUNTY BOCC AND DDEP</p>	
<p>DATE: 09/06/24 BRADFORD COUNTY, SIRWIND, AND DDEP</p>	
<p>DATE: 01/06/25 BRADFORD COUNTY</p>	
<p>DESIGNER: J.F. CONWART</p> <p>PROJECT MANAGER: C. CASH, P.E.</p> <p>QUALITY CONTROL: D.H. YOUNG, P.E.</p> <p>PROJECT NUMBER: 24-0070</p>	<p>SHEET TITLE: DEMOLITION AND TREE PROTECTION PLAN</p>
<p>Daniel H. Young, State of Florida, Professional Engineer, License No. 70780</p> <p>This item has been electronically signed and sealed by Daniel H. Young, P.E. on 01/06/2025, using a Digital Signature.</p> <p>Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.</p>	
<p>FL PE No. 70780</p> <p>SHEET No.</p> <p>C0.30</p>	

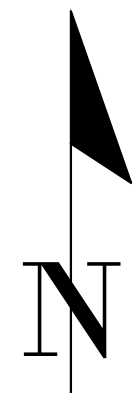
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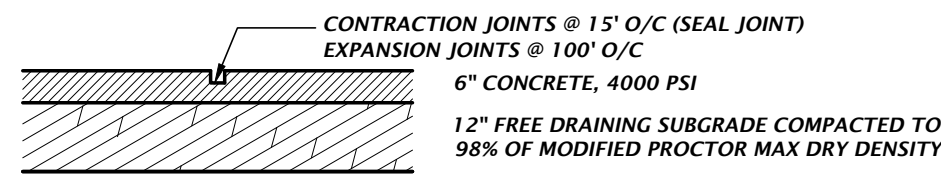
11801 Research Drive Alachua, Florida 32615 (352) 331-1976 www.chw-inc.com CHW AN INVIS COMPANY est. 1988 FLORIDA CA-5075	
SCALE: 1"=20' VERIFY SCALE ON ORIGINAL DRAWING 0" MEASURE IN FIELD THIS SHEET, ADJUST SCALES ACCORDINGLY.	CONSTRUCTION REVISIONS:
CLIENT: BRADFORD COUNTY BOCC PROJECT: SAMIPSON CITY SLEEPING QUARTER ADDITIONS SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN	DATE: 09/06/24 DRAWN BY: BRADFORD COUNTY, SIRWIND, AND DDP CHECKED BY: 01/06/25 BRADFORD COUNTY
DESIGNER: T.J. COWART CHECKER: C. CASH, P.E. PROJECT NUMBER: DANIEL H. YOUNG, P.E. PROJECT NUMBER: 24-0070	Daniel H. Young, State of Florida, Professional Engineer, License No. 70780 This Plan has been electronically signed and sealed by Daniel H. Young, P.E., on 01/06/2025, using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
FL PE No. 70780 SHEET NO.	C1.10



Title: Thomas; Plot Date: Jan 06 2025 2:06pm; Filename: N:\2024\24-0070\Department\CA_Engineering\CA_DWG\Production\Flm\A_24-0070_PC.dwg

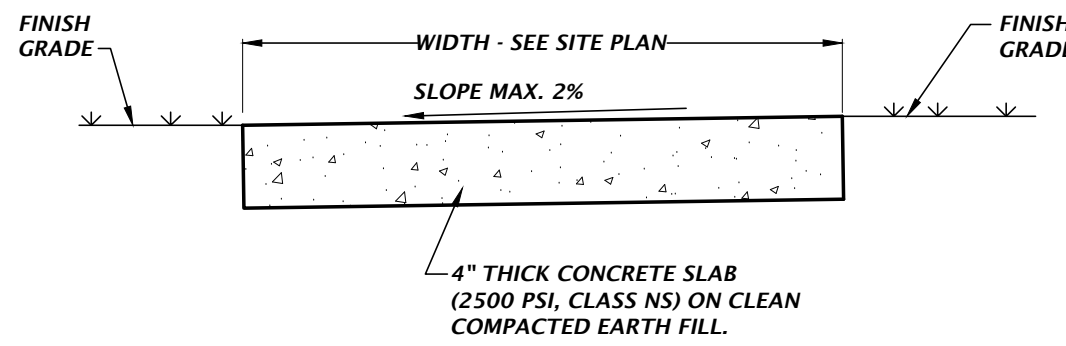
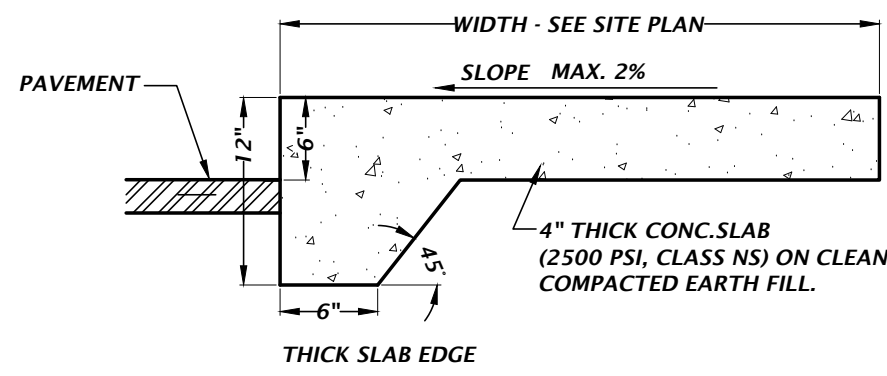


	SCALE: 1"=20' VERIFY SCALE ON ORIGINAL DRAWING 0 INCHES TO THIS SHEET, ADJUST SCALES ACCORDINGLY.	CONSTRUCTION AND RECORDS	BRADFORD COUNTY BOCC BRADFORD COUNTY, BRADFORD AND DDEP 09/06/24 BRADFORD COUNTY, BRADFORD AND DDEP 01/06/25 BRADFORD COUNTY	PROJECT: SAMIPSON CITY SLEEPING QUARTER ADDITIONS SHEET TITLE: DETAILED GRADING, DRAINAGE AND UTILITY PLAN	DESIGNER: T.F. COWART CHECKER: C. CASH, P.E. QUALITY CONTROL: D.H. YOUNG, P.E. PROJECT NUMBER: 24-0070 SHEET NUMBER: 24-0070
Daniel H. Young, State of Florida, Professional Engineer, License No. 70780 This item has been electronically signed and sealed by Daniel H. Young, P.E. on 01/06/2025, using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.					
FL PE No. 70780 C2.10					



NOTE: CONCRETE PAVEMENT & JOINTS SHALL BE CONSTRUCTED TO FC & PA STANDARDS.

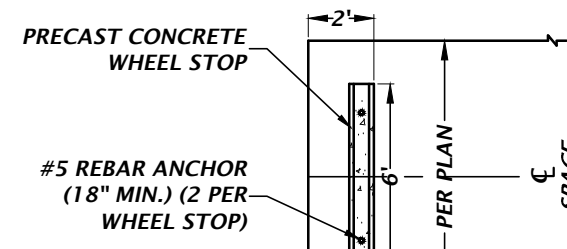
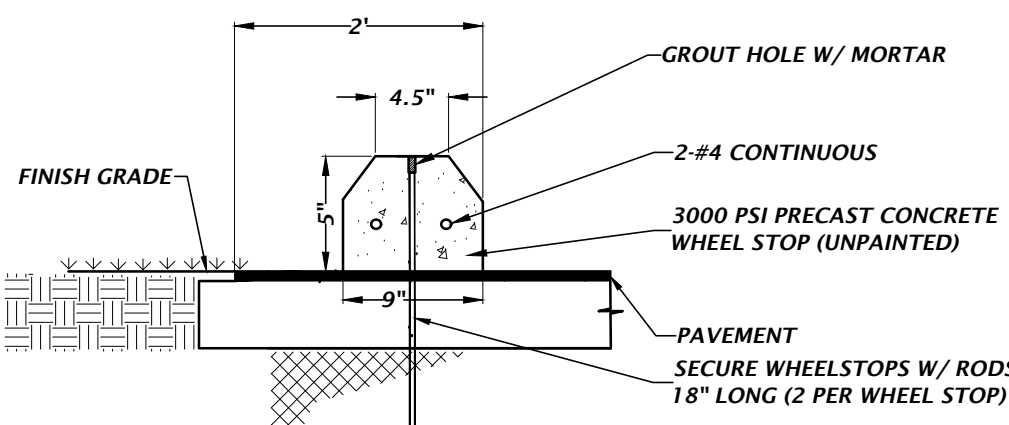
HEAVY DUTY CONCRETE DETAIL



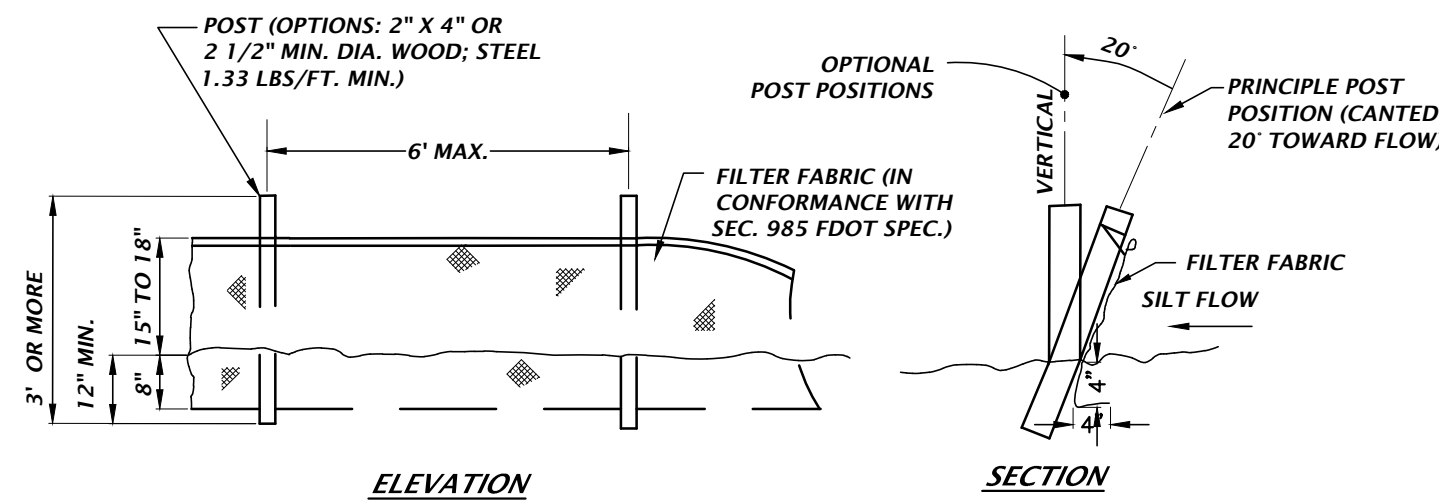
NOTES:

- SAWCUT CONTROL JOINTS SHALL BE CONSTRUCTED 5 FEET ON CENTER
- EXPANSION JOINTS WITH PREFORMED JOINT FILLER SHALL BE CONSTRUCTED BETWEEN ALL FIXED OBJECTS AND WALK AND AT CONSTRUCTION JOINTS.

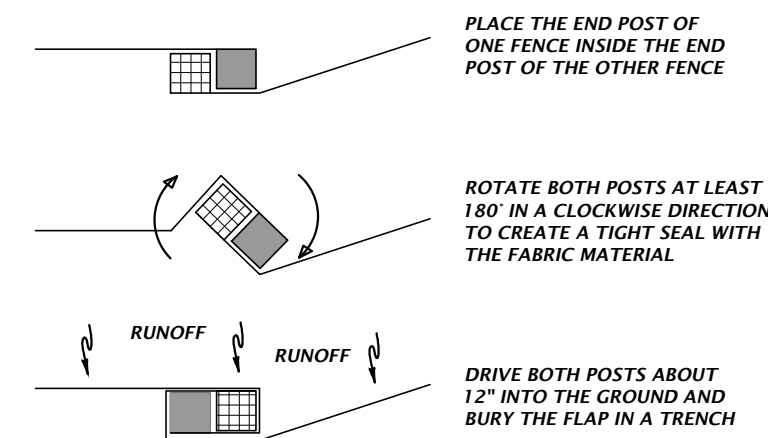
CONCRETE SIDEWALK DETAILS



WHEEL STOP DETAIL

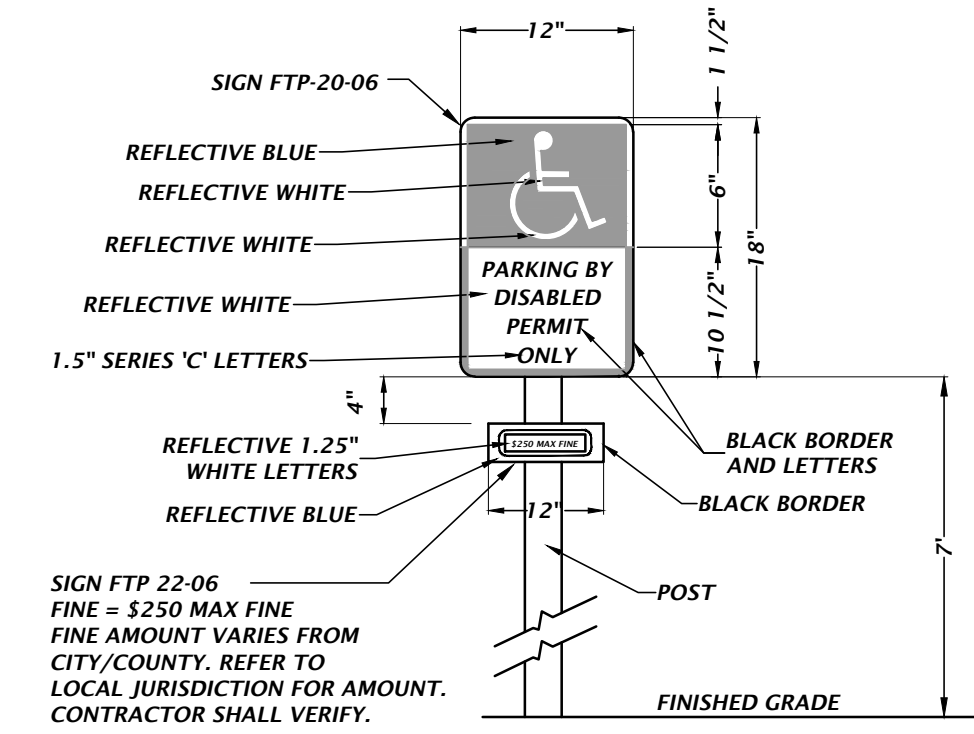


TYPE III SILT FENCE DETAIL



FOR ATTACHING TWO SILT FENCES WHEN TRENCHING IS USED

TYPE III SILT FENCE WRAPPING DETAIL

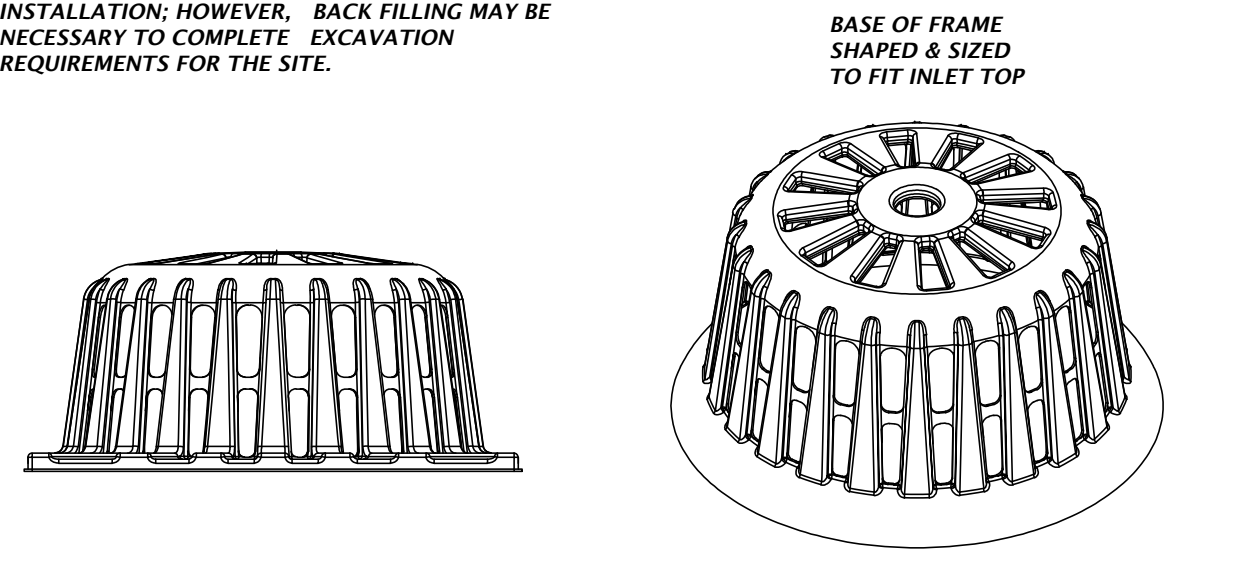


SIGN NOTES:

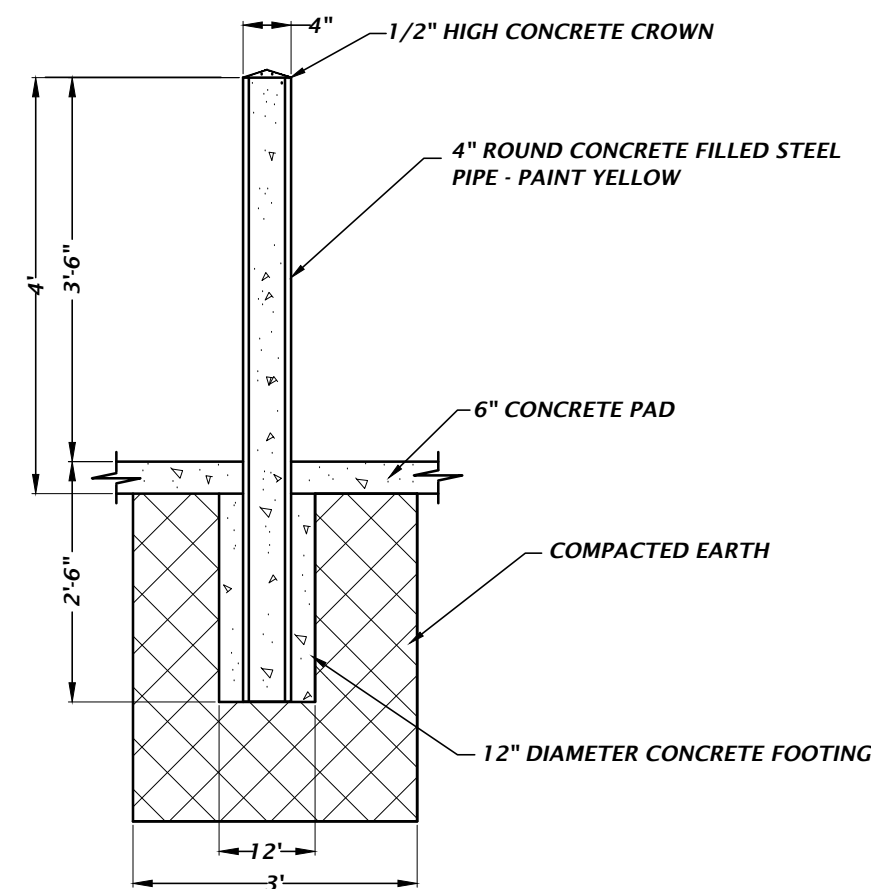
- SIGN CONSTRUCTION, DESIGN AND PLACEMENT SHALL COMPLY WITH STATE AND LOCAL STATUTES.

ACCESSIBLE PARKING SIGN DETAIL

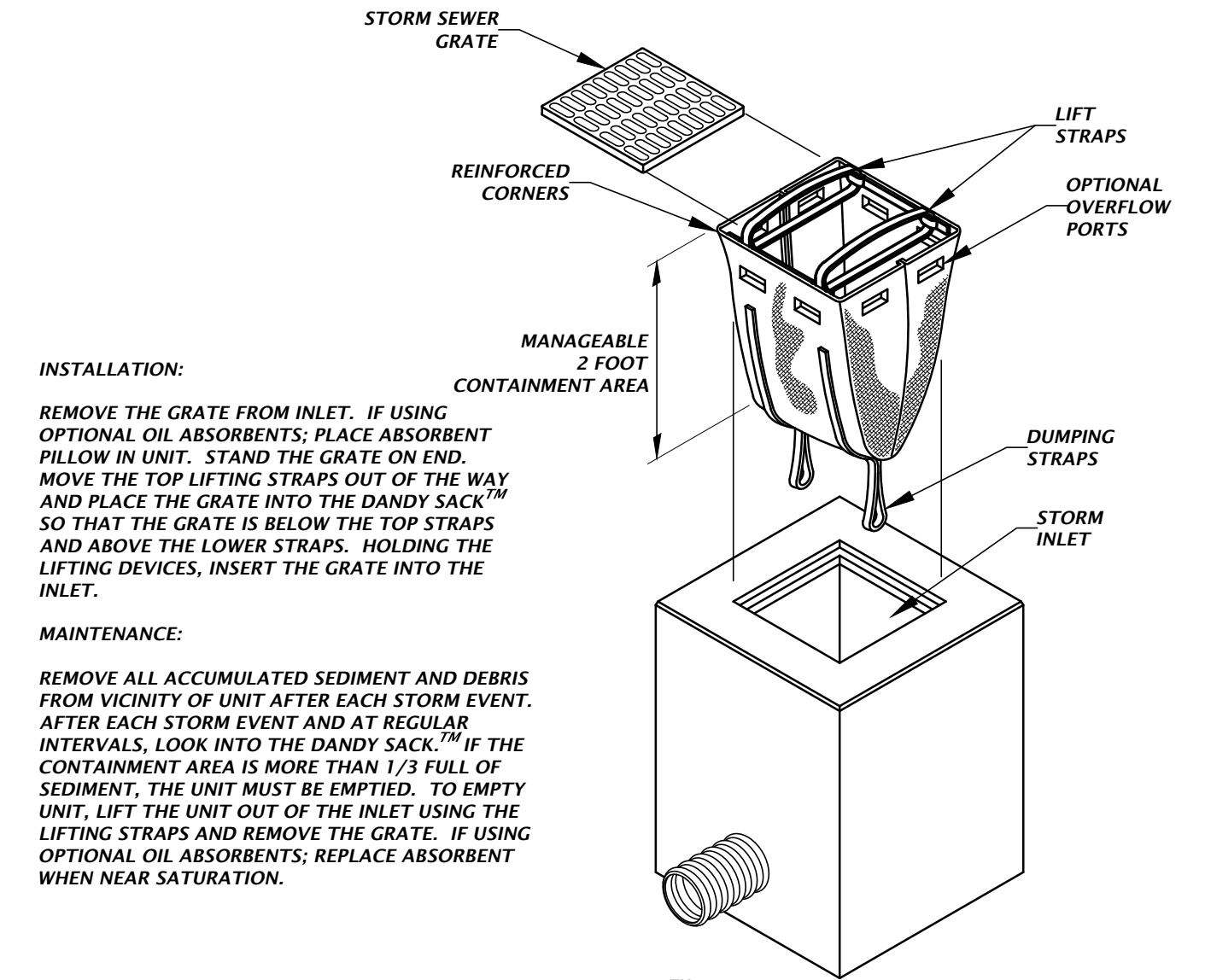
- TYPICAL INSTALLATION SEQUENCE FOR SILT-SAVER FRAME AND FILTER
- EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
 - PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
 - SLIDE THE FILTER OVER THE FRAME.
 - FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
 - BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.



SILT-SAVER® DETAIL



PIPE BOLLARD DETAIL



INSTALLATION:

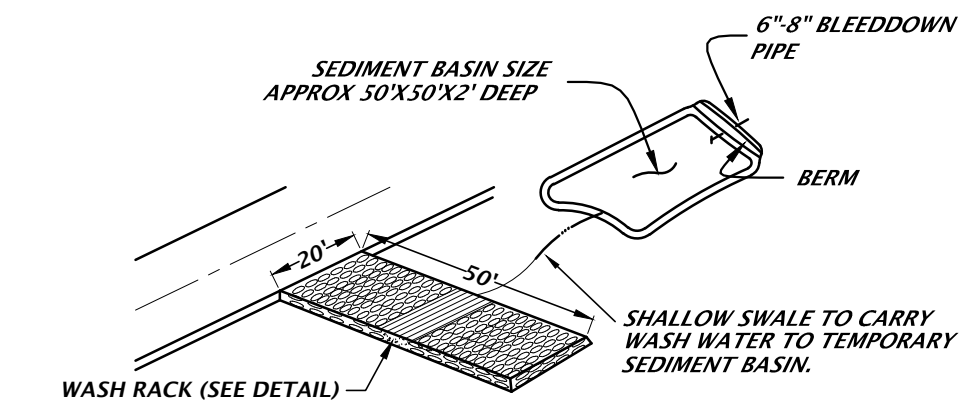
REMOVE THE GRATE FROM INLET. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY SACK™ SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.

MAINTENANCE:

REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY SACK™ IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.

DANDY SACK™ DETAIL

INLET PROTECTION OPTIONS DETAIL



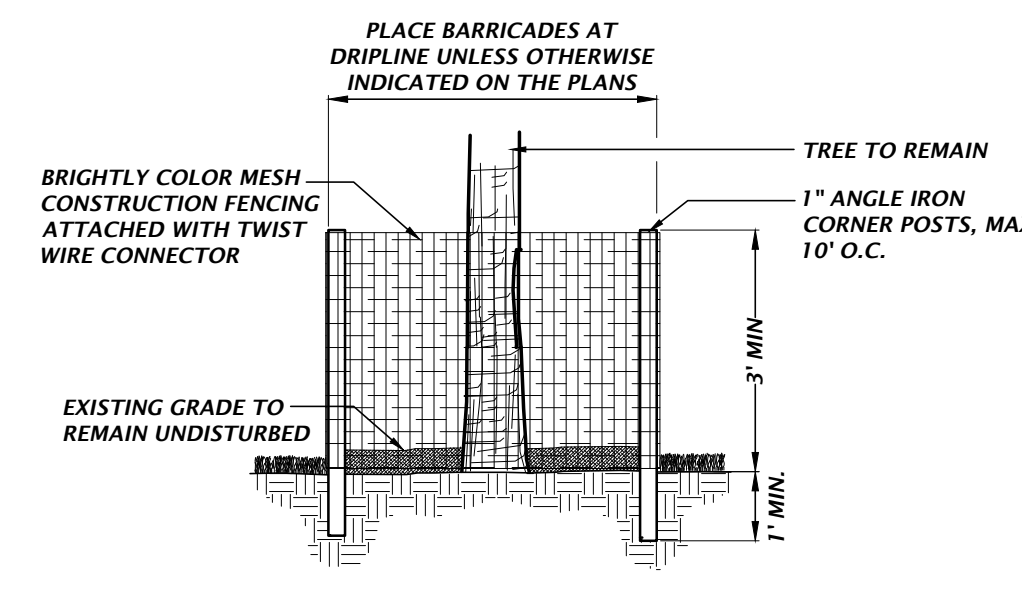
NOTES:

- CONSTRUCTION EXIT INSTALLATION SHALL REMOVE MUD/SOILS FROM TIRES TO PREVENT TRACKING ONTO PUBLIC ROADS.
- TOP DRESSING WITH 2" STONE MAY BE REQ'D AS DETERMINED BY THE USE AND FUNCTION OF THE SYSTEM.

TEMPORARY CONSTRUCTION EXIT WITH WASH RACK

TREE PROTECTION NOTES

- PROTECTIVE BARRIERS SHALL BE CONSTRUCTED, AS NECESSARY, TO PREVENT THE DESTRUCTION OR DAMAGING OF REGULATED TREES THAT ARE LOCATED WITHIN 50 FEET OF ANY CONSTRUCTION ACTIVITY OR STORAGE OF EQUIPMENT AND MATERIALS.
- PROTECTIVE BARRIERS SHALL BE PLAINLY VISIBLE AND SHALL CREATE A CONTINUOUS BOUNDARY AROUND TREES OR VEGETATION CLUSTERS IN ORDER TO PREVENT ENCROACHMENT BY MACHINERY, VEHICLES OR STORED MATERIALS.
- NO TRENCHING ALLOWED WITHIN THE PROTECTIVE BARRIER ZONE. HAND DIG TO INSTALL UTILITY IF APPROVED BY CITY MANAGER OR DESIGNER. WHERE ROOTS GREATER THAN ONE INCH IN DIAMETER ARE DAMAGED OR EXPOSED, THEY SHALL BE CUT CLEANLY AND RECOVERED WITH SOIL WITHIN ONE HOUR OF DAMAGE OR EXPOSURE.
- PROTECTIVE BARRIERS SHALL REMAIN IN PLACE AND INTACT UNTIL SUCH TIME AS LANDSCAPE OPERATIONS BEGIN.
- LANDSCAPE PREPARATION IN THE PROTECTED AREA SHALL BE LIMITED TO SHALLOW DISCING OF THE AREA. DISCING SHALL BE LIMITED TO A DEPTH OF 4 INCHES.
- NO BUILDING MATERIALS, MACHINERY OR HARMFUL CHEMICALS SHALL BE PLACED WITHIN PROTECTIVE BARRIERS.
- THE AMERICAN NATIONAL STANDARDS INSTITUTE A-300 PART V: MANAGEMENT OF TREES AND SHRUBS DURING SITE PLANNING, SITE DEVELOPMENT, AND SITE CONSTRUCTION OR OTHER NATIONALLY RECOGNIZED ARBORICULTURAL STANDARDS SHALL BE USED AS GUIDELINES FOR TREE PROTECTION, PLANTING, PRUNING AND CARE DURING DEVELOPMENT AND CONSTRUCTION.



TREE PROTECTION DETAIL

11801 Research Drive
Alachua, Florida 32615
(352) 351-1976
www.chw-inc.com

CHW
AN INVIS COMPANY

SCALE: N/A
VERIFY SCALE ON ORIGINAL DRAWING
THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION AND REVISIONS

BRADFORD COUNTY BOCC
SAMPSON CITY SLEEPING QUARTER ADDITIONS
CONSTRUCTION DETAILS

CLIENT: J.F. COWART
DESIGNER: C. CASH, P.E.
QUALITY CONTROL: D.H. YOUNG, P.E.
PROJECT NUMBER: 24-0070

Daniel H. Young
State of Florida, Professional Engineer, License No. 79780
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FL PE No. 70780
SHEET NO. C2.30