SITE PLANS FOR:

ALACHUA TIRE

ALACHUA COUNTY, FLORIDA

SECTION 9, TOWNSHIP 8 SOUTH, RANGE 18 EAST

SUBMITTED TO:

SUWANNEE RIVER WATER MANAGEMENT DISTRICT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FLORIDA DEPARTMENT OF TRANSPORTATION CITY OF ALACHUA

GENERAL NOTES

 1. DEVELOPMENT DATA:
 PROPOSED DEVELOPMENT

 OVERALL SITE AREA=
 38,630 S.F. 100.0%
 0.89 ACRES

 BUILDING FOOTPRINT AREA=
 6,952 S.F. 18.0%

 CONC./PAVE AREA=
 19,790 S.F. 51.2%

 TOTAL IMPERVIOUS AREA=
 26,742 S.F. 69.2%

DESCRIPTION: THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A $\pm 6,952$ SF AUTO SHOP AND SALES BUILDING, WITH PARKING, DRAINAGE INFRASTRUCTURE, AND ASSOCIATED UTILITY INFRASTRUCTURE.

11,888 S.F. 30.8%

2. MINIMUM BUILDING / YARD SETBACKS PER COMMERCIAL INTENSIVE ZONING ARE AS FOLLOWS:

PRIMARY BUILDING (CI)
FRONT: 20'

SIDE: N/A REAR: 15'

MINIMUM LOT AREA NONE
MINIMUM LOT WIDTH NONE
MAX BUILDING HEIGHT 65'
MAX LOT COVERAGE NONE
PROPOSED FAR 0.18

3. PARKING CALCULATIONS:

OPEN AREA=

CAR: 1 SPACE PER 400 SQ. FT. FLOOR AREA 6,952 SQ. FT. / 400 SQ. FT. = MINIMUM 17 SPACES 17 SPACES X 125% = MAXIMUM 21 SPACES PROVIDED: 21 SPACES TOTAL

ACCESSIBLE SPACES: REQUIRED = 1 PROVIDED = 1

BICYCLE: 1 SPACE/10 CAR SPACES = 21 / 10 = 3 SPACES REQUIRED; 4 SPACES PROVIDED

4. DATE OF BOUNDARY SURVEY:
A BOUNDARY SURVEY WAS COMPLETED BY CHW AND DATED DECEMBER 9, 2021.

-POTABLE WATER AND FIRE SERVICE WILL BE PROVIDED BY CITY OF ALACHUA.

-SANITARY SEWER SERVICE WILL BE PROVIDED BY CITY OF ALACHUA.

-ELECTRIC SERVICE WILL BE PROVIDED BY CITY OF ALACHUA.

-GAS SERVICE WILL BE PROVIDED BY GRU.

6. DRAINAGE:
THE SITE DRAINS TO A PREVIOUSLY PERMITTED AND CONSTRUCTED MASTER SYSTEM WHICH WAS DESIGNED TO COMPLY WITH
ALL OF THE CITY OF ALACHUA AND SRWMD CRITERIA.

7. NATURAL FEATURES:
TOPOGRAPHY WILL SLOPE FROM WEST TO EAST WITH MODERATE SLOPES. THERE ARE NO OTHER NATURAL SITE FEATURES.

8. ZONING/LAND USE INFORMATION AND COMPLIANCE:

COMMERCIAL INTENSIVE (CI) ZONING DISTRICT DESIGNATION.

THE PROPOSED FACILITIES ARE CONSISTENT WITH THE COMMERCIAL INTENSIVE DEFINITION PROVIDED IN ARTICLE 4 OF THE LDRS. PER ARTICLE 4 OF THE LDRS, AUTOMOBILE REPAIR AND SERVICING IS A PERMITTED USE WITHIN THE COMMERCIAL INTENSIVE ZONING DISTRICT WITH A SPECIAL EXCEPTION.

PER ARTICLE 6 OF THE LDRS, THE PROPOSED SITE IS CONSISTENT WITH ALL APPLICABLE DEVELOPMENT STANDARDS.

COMPLIANCE WITH REQUIRED PARKING CAN BE FOUND IN NOTE 3 ON THIS SHEET. THERE ARE EXISTING TREES ON SITE AND THE PROPOSED LANDSCAPING FULFILLS GENERAL SITE, MITIGATION, AND BUFFER REQUIREMENTS. THE PROPOSED STORMWATER CONVEYANCE SYSTEM AND EROSION PROTECTION PROPOSED FULFILL ENVIRONMENTAL PROTECTION STANDARDS THROUGH THE USE OF BMPS.

9. CONCURRENCY IMPACT ANALYSIS: INCLUDED WITH THIS SUBMITTAL.

10. LEGAL DESCRIPTION:

(PER FIRST AMERICAN TITLE INSURANCE COMPANY TITLE COMMITMENT FILE NO: 2076-5473355, DATED JULY 15, 2021)
A TRACT OF LAND SITUATED IN THE GOVERNMENT LOT SEVEN (7) OF SECTION NINE (9), TOWNSHIP EIGHT (8) SOUTH, RANGE EIGHTEEN (18) EAST, ALACHUA COUNTY, FLORIDA, SAID TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF GOVERNMENT LOT SEVEN (7), SECTION NINE (9), TOWNSHIP EIGHT (8) SOUTH, RANGE EIGHTEEN (18) EAST, AND RUN SOUTH 01 DEG. 48'22" EAST, ALONG THE EAST LINE OF SAID GOVERNMENT LOT SEVEN (7), 1677.39 FEET, THENCE RUN NORTH 79 DEG. 06'35" WEST, 351.65 FEET TO THE INTERSECTION OF THE WEST RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY 75 AND THE NORTH RIGHT-OF-WAY LINE OF U.S. HIGHWAY 441; THENCE RUN NORTH 79 DEG. 06'35" WEST ALONG SAID NORTH RIGHT-OF-WAY LINE 175.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE NORTH 79 DEG. 06'35" WEST ALONG SAID NORTH RIGHT-OF-WAY LINE, 175.00 FEET; THENCE RUN NORTH 10 DEG. 53'25" EAST, 175.00 FEET; THENCE RUN SOUTH 10 DEG. 53'25" WEST, 175.00' TO THE POINT OF BEGINNING.

TOGETHER WI

A TRACT OF LAND SITUATED IN THE GOVERNMENT LOT SEVEN (7) OF SECTION NINE (9), TOWNSHIP EIGHT (8) SOUTH, RANGE EIGHTEEN (18) EAST, ALACHUA COUNTY, FLORIDA, SAID TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF GOVERNMENT LOT SEVEN (7), SECTION NINE (9), TOWNSHIP EIGHT (8) SOUTH, RANGE EIGHTEEN (18) EAST, AND RUN SOUTH 01 DEG. 48'22" EAST, ALONG THE EAST LINE OF SAID GOVERNMENT LOT SEVEN (7), 1677.39 FEET, THENCE RUN NORTH 79 DEG. 06'35" WEST, 351.65 FEET TO THE INTERSECTION OF THE WEST RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY 75 AND THE NORTH RIGHT-OF-WAY LINE OF U.S. HIGHWAY 441; THENCE RUN NORTH 79 DEG. 06'35" WEST ALONG SAID NORTH RIGHT-OF-WAY LINE 350.00 FEET TO THE SOUTHWEST CORNER OF LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 2529, PAGE 1342 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA AND THE POINT OF BEGINNING; THENCE CONTINUE NORTH 79 DEG. 06'35" WEST ALONG SAID NORTH RIGHT-OF-WAY LINE, 25.09 FEET TO THE EAST RIGHT OF WAY LINE OF NW 161ST TERRACE (HAVING A 100 FOOT WIDE RIGHT OF WAY), AS PER PLAT OF HIGHPOINT CROSSING, RECORDED IN PLAT BOOK 35, PAGE 19 OF SAID PUBLIC RECORDS; THENCE NORTH 10 DEG. 53'25" EAST, ALONG SAID EAST RIGHT OF WAY LINE, A DISTANCE OF 193.00 FEET; THENCE DEPARTING SAID EAST RIGHT OF WAY LINE, SOUTH 79 DEG. 06'35" EAST, A DISTANCE OF 200.09 FEET; THENCE SOUTH 10 DEG. 53'25" WEST, A DISTANCE OF 18.00 FEET TO THE NORTHEAST CORNER OF AFOREMENTIONED LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 2529, PAGE 1342; THENCE NORTH 79 DEG. 06'35" WEST, ALONG THE NORTH LINE OF SAID LANDS, A DISTANCE OF 175.00 FEET TO THE NORTHWEST CORNER OF SAID LANDS; THENCE SOUTH 10 DEG. 53'25" WEST, ALONG THE WEST LINE OF SAID LANDS, A DISTANCE OF 175.00 FEET TO THE POINT OF BEGINNING.

BEFORE YOU DIG!
CALL SUNSHINE STATE ONE CALL OF FLORIDA

AT LEAST TWO FULL BUSINESS DAYS BEFORE

Call before you dig.

SURVEYOR OF RECORD

AARON HICKMAN, P.S.M. CHW

11801 RESEARCH DRIVE ALACHUA, FL 32615 (352) 331-1976

LANDSCAPE ARCHITECT

JOHN-MICHAEL SIMPSON, L.A.

11801 RESEARCH DRIVE ALACHUA, FL 32615 (352) 331-1976

DEVELOPER/OWNER

MATT CASON, MANAGER CONCEPT DEVELOPMENT, LLC. 1449 SW 74TH DR, SUITE 200 GAINESVILLE, FL. 32607 (352) 333-3233

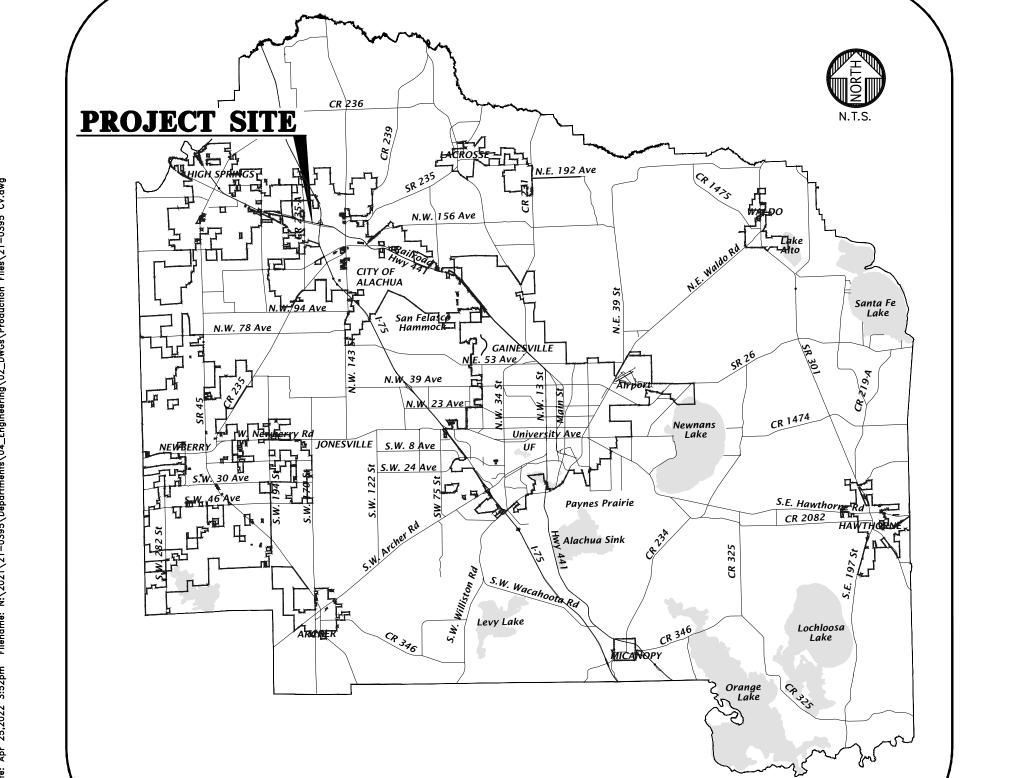
PHOTOMETRIC

BILL STORMANT, PE 5304 NW 173 ST. ALACHUA, FL. 32615 stormantwt@cox.net

ENGINEER OF RECORD

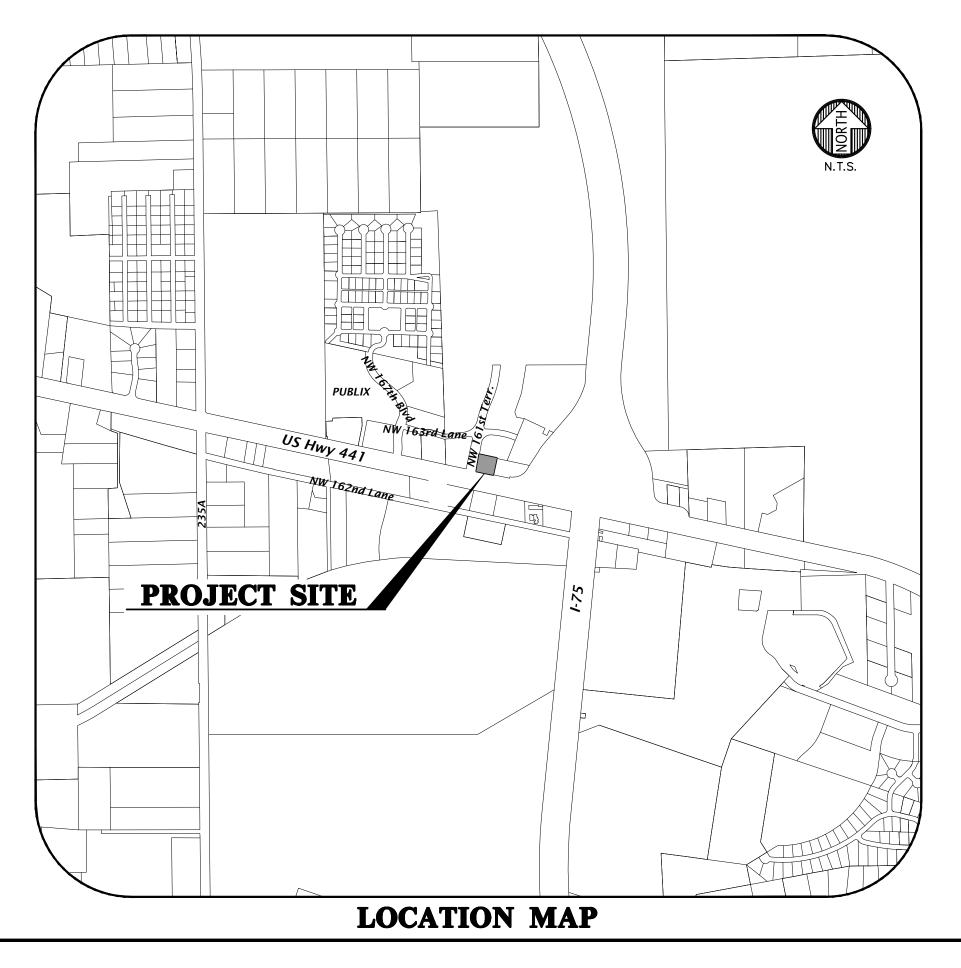
DANIEL H. YOUNG
CHW

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ALACHUA COUNTY

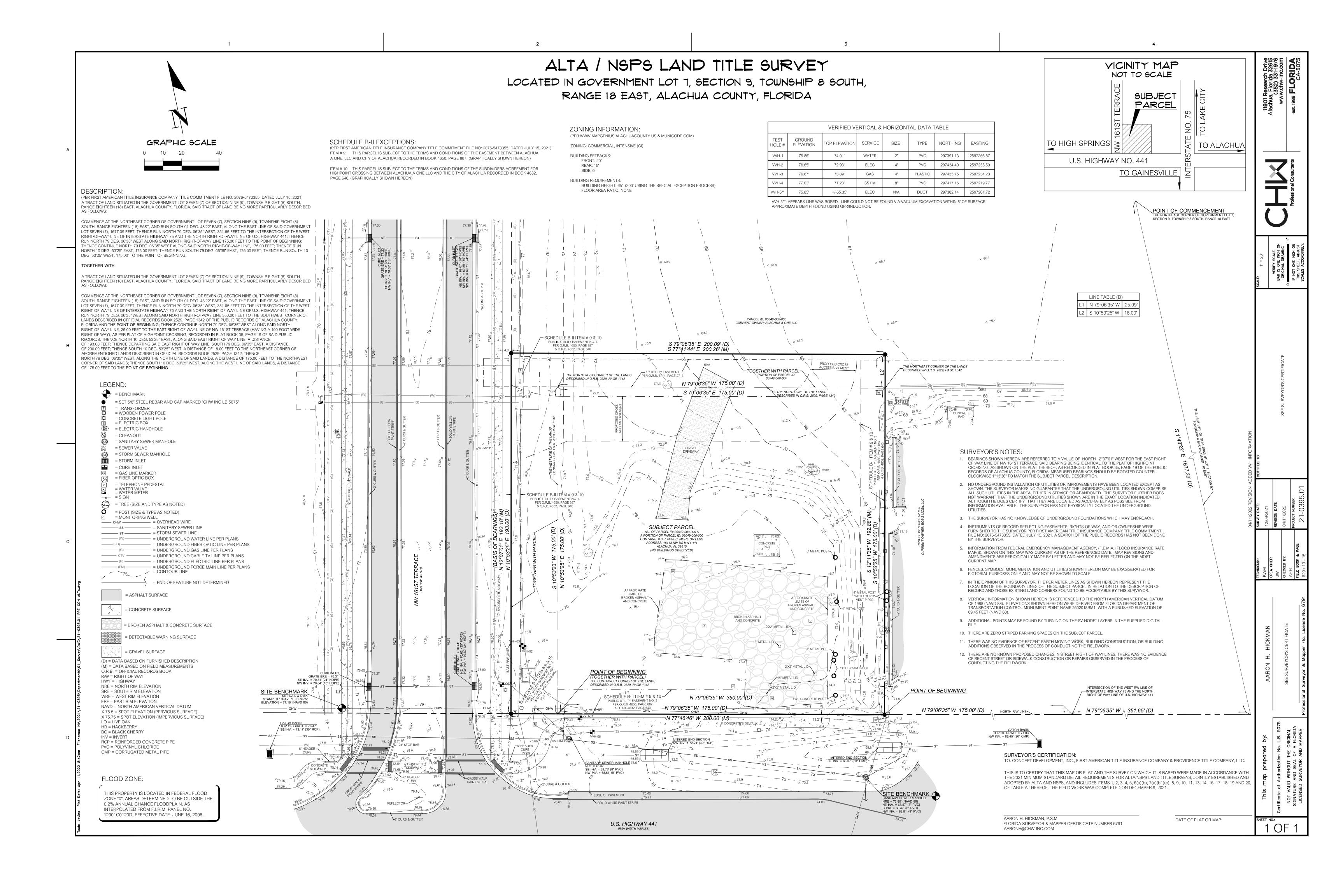
VICINITY MAP



SHEET INDEX	
SHEET NUMBER	DESCRIPTION
C0.00	COVER SHEET AND INDEX
1 OF 1	ALTA/NSPS LAND TITLE SURVEY
C0.10	GENERAL NOTES
C0.11	LEGEND
C0.21	STORMWATER POLLUTION PREVENTION PLAN AND DETAILS
C0.30	DEMOLITION AND TREE PROTECTION PLAN
C1.10	DETAILED HORIZONTAL CONTROL AND SITE PLAN
C1.20	ACCESSIBILITY SITE PLAN AND DETAILS
C2.10	DETAILED GRADING AND DRAINAGE PLAN
C2.30 - C2.33	CONSTRUCTION DETAILS
C3.10	DETAILED UTILITY PLAN
LS-1	LANDSCAPE NOTES, DETAILS, & SCHEDULE
LS-2	LANDSCAPE PLAN
IR-1	IRRIGATION PLAN, DETAILS, & SCHEDULE
P1	PHOTOMETRIC PLAN
P2	LIGHTING STATISTICS, LEGEND, AND DETAILS
Р3	ELECTRIC SITE PLAN
P4	SPECIFICATION LEGEND AND DETAILS
A-100	ARCHITECTURAL FLOOR PLAN
A-200C	ARCHITECTURAL EXTERIOR ELEVATIONS
A-801	DUMPSTER ENCLOSURE & AIR INFLATOR DETAILS

T.F. COWART CONCEPT DEVELOPMENT, INC. 2/28/22 C
DESIGNER: PROJECT: PROJECT: AVAILED FOR THE FOLLOWART COWAP, P.E. PROJECT: AVAILED FOR THE FOLLOWART COWAP, P.E. PROJECT: AVAILED FOR THE FOLLOWART COMAP, P.E. PROJECT: AVAILED FOR THE FOR

FL PE No. 70780
SHEET NO.:
CO.OO



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

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 CITY OF ALACHUA 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.

NOT LIMITED TO PROPOSED PIPING, STRUCTURES, UTILITIES, PAVING, CURBING, ETC.).

20. THE GOVERNING STANDARDS AND SPECIFICATIONS, UNLESS STATED OTHERWISE SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS (FY 2021-22 ROAD CONSTRUCTION), AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 2022, 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 CITY OF ALACHUA 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, 2018 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

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.

WHERE REQUIRED BECAUSE OF THE CONSTRUCTION OPERATIONS, IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS (THIS INCLUDES BUT IS

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. 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.

NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.

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.

C. 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.

D. ALL SLOPES 1:3 OR STEEPER REQUIRE LAPPED OR PEGGED SOD.

RESPONSIBLE FOR ADHERENCE TO ALL CONDITIONS CONTAINED IN THE PERMIT.

E. 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.

F. 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

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 FOOT 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 335 DEGREES. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND PROVIDE TEMPERATURE READINGS PRIOR TO LAYING ASPHALT.

8. AS DETERMINED NECESSARY AND DIRECTED BY CITY OF ALACHUA 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 I 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. THE UTILITY PLAN AND PLAT SHOWS ALL PUBLIC UTILITY EASEMENTS (PUES) IN A METES AND BOUNDS FORMAT. THE OWNER MAY CHOOSE TO GRANT THE METES AND BOUNDS EASEMENTS AS SHOWN, OR A BLANKET EASEMENT OVER THE ENTIRE PROPERTY, PROVIDED FACILITIES ARE INSTALLED WITHIN THE PRESCRIBED DISTANCES AS SHOWN ON THE UTILITY PLANS AND IN ACCORDANCE WITH THE UTILITY SEPARATION REQUIREMENTS

2. ALL CONSTRUCTION MATERIALS AND METHODS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER SYSTEMS SHALL BE IN CONFORMANCE WITH CITY'S DESIGN & CONSTRUCTION STANDARDS, LATEST EDITION.

3. POTABLE WATER AND WASTEWATER MAINS SHALL MAINTAIN A MINIMUM 10 FEET HORIZONTAL AND 1.5 FOOT VERTICAL SEPARATION. POTABLE WATER MAINS TO BE INSTALLED ABOVE WASTEWATER MAINS. ARRANGE CROSSINGS SUCH THAT WASTEWATER JOINTS SHALL BE AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS, 6-FEET MINIMUM. ALSO SEE NOTE 26.

4. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET FOR POTABLE WATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, AND 15 FEET FOR GRAVITY WASTEWATER MAINS SHALL BE PROVIDED AND MAINTAINED FROM, BUILDINGS, TRANSFORMERS, AND ALL PERMANENT STRUCTURES.

5. SERVICE LATERALS REQUIRE 5 FEET LESS CLEARANCE FOR EACH OF THE UTILITIES; NOTE THAT WATER SERVICE LATERALS SHALL BE INSTALLED WITHIN 4" SLEEVES UNDER ROADWAYS

6. POTABLE WATER SERVICES, REQUIRING A SEPARATE WATER METER, SHALL BE PROVIDED TO EACH LOT, BUILDING OR PARCEL

7. 2" VALVES LOCATED IN PAVED AREAS, INCLUDING SIDEWALKS, OR DEEPER THAN 18 INCHES SHALL BE APPROVED CAST IRON, RESILIENT SEAT GATE VALVES WITH STANDARD 2" OPERATING NUT, THREADED WITH GALVANIZED NIPPLE BETWEEN THE VALVES AND TAPPING SADDLE OR TAPPED TEE.

8. WATER MAINS PLACED UNDER ROADWAYS, SHALL BE CEMENT LINED DUCTILE IRON PIPE (CLDIP) EXTENDING 5 FEET PAST THE BACK OF CURB.

9. TRACER WIRE INSTALLED ON ALL WATER MAINS, BOTH PVC AND DUCTILE IRON.

10. 2" WATER SERVICE CROSSINGS LOCATED UNDER ROADWAYS SHALL BE ENCASED IN 4" SCH 40 PVC EXTENDING 5' PAST THE BACK OF CURB.

11. ANCHORING TEES, COUPLINGS, AND BENDS SHALL BE USED ON ALL FIRE HYDRANT ASSEMBLIES AND INCLUDE AN ANCHORED VALVE TO THE MAIN.

12. ALL PRESSURIZED MAIN FITTINGS SHALL BE MECHANICAL JOINT WITH RESTRAINED JOINT GLANDS; A SUFFICIENT LENGTH OF THE PIPE CONNECTED TO THE FITTINGS SHALL BE MECHANICALLY RESTRAINED TO PROVIDE ADEQUATE REACTION. DEAD END RUNS SHALL BE BELL RESTRAINED UPSTREAM OR WING BLOCKED WHERE ANY ISOLATION VALVE IS SUBJECT TO BLOWING OFF DUE TO EXCAVATION.

13. ALL SANITARY WASTEWATER SERVICE LATERALS SHALL BE MIN. 4" DIAMETER PVC (SDR 35) AT 1.00% MIN. SLOPE UNLESS OTHERWISE LABELED.

14. WASTEWATER CLEANOUT COVERS LOCATED WITHIN PAVEMENT AND SIDEWALKS SHALL BE RATED FOR TRAFFIC LOAD BEARING.

15. MANHOLES WHICH ARE NOT INSTALLED UNDER PAVEMENT SHALL HAVE A RIM ELEVATION AT LEAST 6" ABOVE FINISHED GRADE, AND A 10:1 SLOPE TO FINISHED GRADE.

16. UNLESS OTHERWISE NOTED ON THE PLANS, THE FINISHED FLOOR ELEVATIONS OF BUILDINGS SHALL BE A MINIMUM OF 6" ABOVE THE LOWEST UPSTREAM MANHOLE TOP. IF THIS IS INFEASIBLE, A WASTEWATER SERVICE LATERAL BACKWATER VALVE IS REQUIRED ON THE CUSTOMER SIDE OF THE CLEANOUT.

17. WHEN A POTABLE OR RECLAIMED WATER MAIN, OR A WASTEWATER FORCE MAIN IS ROUTED WITHIN 5 FT. OF AN ELECTRIC TRANSFORMER, A COMPLETE LENGTH OF DIP SHALL BE CENTERED ON THE TRANSFORMER WITH MECHANICAL RESTRAINT AT EACH END. NO FITTINGS OR VALVES SHALL OCCUR WITHIN 10 FT. OF THE NEAREST EDGE OF THE TRANSFORMER. A MINIMUM CLEARANCE OF 3' SHALL BE MAINTAINED BETWEEN THE MAIN AND THE TRANSFORMER.

18. ALL FORCE MAINS, BOTH PVC AND DUCTILE IRON, TO HAVE TRACER WIRE WITH VALVE BOX EVERY 300-FT FOR TESTING OF TRACER WIRE.

19. 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.

20. THE CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY UTILITY FIELD LOCATION AND RELOCATION AS REQUIRED.

21. 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.

22. 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.

23. 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.

24. 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

25. 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.

26. POTABLE WATER MAINS CROSSING WASTEWATER PIPES (FORCE MAINS, GRAVITY PIPES, ETC.): IF 1.5 FT VERTICAL SEPARATION IS NOT POSSIBLE WHEN LOCATING A WATER MAIN ABOVE A WASTEWATER PIPE, THEN (1) INSTALL THE WASTEWATER PIPE WITH A MINIMUM PRESSURE RATING OF 150 PSIG, OR (2) ENCASE EITHER THE WATER OR WASTEWATER PIPE WITH A WATERTIGHT CARRIER PIPE THAT EXTENDS 10 FEET ON BOTH SIDES OF THE CROSSING OR (4) PROVIDE ONE 20-LF SEGMENT OF WATER MAIN AND ONE 20-LF SEGMENT OF WATERWATER MAIN CENTERED AT THE POINT OF CROSSING.

27. ALL POTABLE WATER SERVICE PIPE SHALL BE NSF-61 RATED.

LESS THAT THE DEPARTMENT'S MINIMUM STANDARD BE ALLOWED.

FDOT GENERAL NOTES

1. ALL WORK PERFORMED WITHIN THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY SHALL CONFORM TO THE FOLLOWING:

A. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JANUARY 2022).
B. FDOT STANDARD PLANS (FY 2021-22 ROAD CONSTRUCTION)

C. FDOT DESIGN MANUAL (2022)
D. FDOT FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION

SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING

2. ALL TRAFFIC STRIPING AND MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.

3. REMOVAL OF EXISTING STRIPING SHALL BE ACCOMPLISHED USING THE "HYDRO-BLAST" METHOD.

4. ALL CURB AND GUTTER AND SIDEWALK WILL BE REMOVED AND REPLACED JOINT TO JOINT.

5. ALL DISTURBED AREA WITH THE DEPARTMENT OF TRANSPORTATION RIGHT OF WAY WILL RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING THE AREA DISTURBED (BERMUDA IN RURAL, CENTIPEDE IN UTILITY STRIPS).

11801 Research Drive Alachua, Florida 32615 (352) 331-1976 www.chw-inc.com est. 1988 **FLORIDA**

Professional Consultants

VERIFY SCALE
VERIFY SCALE
BAR IS ONE INCH ON
ORIGINAL DRAWING
0
IF NOT ONE INCH ON

WART CONCEPT DEVELOPMENT, INC.

AP, P.E.

MAVIS DISCOUNT ALACHUA TIRE

NG, P.E.

SHEET TITLE:

GENERAL NOTES

CLIENT:

4/28/22 CITY OF ALAC

4/28/22 CITY OF ALAC

4/28/22 CITY OF ALAC

ANSWER:

GENERAL NOTES

FL PE No. 70780

DANIEL H. YOUNG

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 THE FDOT AND CITY OF ALACHUA.

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.

MAINTENANCE OF TRAFFIC (MOT) NOTES

ABBREVIATIONS SYMBOLS FEET (WHEN USED WITH LENGTHS) **DEGREES** NORTHING - EASTING NOT APPLICABLE MINUTES (WHEN USED WITH ANGLES) NAVD NORTH AMERICAN VERTICAL DATUM OF 1988 SECONDS PERCENT NGVD NATIONAL GEODETIC VERTICAL DATUM OF NUMBER NPDES NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AASHTO ASSOCIATION OF STATE HIGHWAY AND NOT TO SCALE TRANSPORTATION OFFICIALS **ACRES** AMERICAN WITH DISABILITIES ACT AMERICAN NATIONAL STANDARDS ON CENTER OVERHEAD WIRE OFFICIAL RECORDS BOOK OSHA OCCUPATIONAL SAFETY AND HEALTH ARV AIR RELEASE VALVE ASTM AMERICAN SOCIETY FOR TESTING AND **ADMINISTRATION** MATERIALS AWWA AMERICAN WATER WORKS ASSOCIATION PAVT PAVEMENT POINT OF CURVATURE BACK OF CURB POINT OF COMPOUND CURVE POLYETHYLENE BACKFLOW PREVENTER BLDG BUILDING PERFORATED ВМ BENCHMARK PROPOSED REST MANAGEMENT PRACTICE POINT OF TANGENCY POLYVINYL CHLORIDE BACK OF CURB PUBLIC UTILITY EASEMENT BEGIN VERTICAL CURVE STATION **BVCE** POINT OF VERTICAL INTERSECTION BEGIN VERTICAL CURVE ELEVATION **BOTTOM OF WALL** BSL BUILDING SETBACK LINE RADIUS REINFORCED CONCRETE PIPE CATV CABLE TELEVISION RAISED REFLECTIVE PAVEMENT MARKER CURB INLET REDUCED PRESSURE ZONE CAST IRON PIPE RIGHT RECLAIMED WATER MAIN CLDIP CEMENT LINE DUCTILE IRON PIPE RWM RIGHT-OF-WAY CORRUGATED METAL PIPE CLEANOUT CONC CONCRETE SOUTH COORD COORDINATE SANITARY CR COUNTY ROAD SEASONAL HIGH WATER ELEVATION C/O CLEANOUT SILT FENCE SLOPE DIAMETER AT BREAST HEIGHT SUPERPAVE DDC DOUBLE DETECTOR CHECK ASSEMBLY STATE ROAD SANITARY SEWER DRAINAGE FASEMENT DEG DEGREE STATION DIAMETER STA STANDARD STD **DUCTILE IRON PIPE** DRAWING TREE BARRICADE RATE OF ELEVATION TEMPORARY CONSTRUCTION EASEMENT FAST TFMPORARY **EACH** TOP OF BANK ELEVATION TELEVISION TOP OF WALL ELEV ELEVATION EOP EDGE OF PAVEMENT TYPICAL **EOR** ENGINEER OF RECORD ELLIPTICAL REINFORCED CONCRETE PIPE **FRCP ESMT** UNITED STATES FOUNDRY **EASEMENT** USGS UNITED STATES GEOLOGICAL SURVEY **EVCS** END VERTICAL CURVE STATION UTIL UTILITY **EVCE** END VERTICAL CURVE ELEVATION VERTICAL VERTICAL CURVE VCP VITRIFIED CLAY PIPE FLORIDA BEARING RATIO FRICTION COURSE FIRE DEPARTMENT CONNECTION FDEP FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WATER FLORIDA DEPARTMENT OF TRANSPORTATION FINISHED FLOOR FLEVATION WATER MAIN FIRE HYDRANT WASTEWATER FLORIDA HIGHWAY ADMINISTRATION WELDED WIRE FABRIC WWF FIG FIGURE FORCE MAIN FΜ FACE OF CURB FLORIDA STATUTES FEET GALV GALVANIZED GAS MAIN GATE VALVE HDPE HIGH DENSITY POLYETHYLENE HIGH POINT IDENTIFICATION INVERT INV INV EL INVERT ELEVATION IRON PIPE VERTICAL CURVE RATE OF CHANGE LENGTH LANDSCAPE ARCHITECT LIMEROCK BEARING RATIO LAND DEVELOPMENT REGULATION LINEAR FEET LOW POINT

MAXIMUM

MANHOLE

MINIMUM

MATCH EXISTING

MISCELLANEOUS MECHANICAL JOINT

MUTCD MANUAL ON UNIFORM TRAFFIC CONTROL

SIGNAGE SITE INFORMATION 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. FTP-20-06 (12" X 18") PER FDOT INDEX NO. CENTER LINE --- --- EASEMENT LINE R1-1 "STOP" - SEE PLANS FOR SIZE

EX. PROPERTY LINE ----- LANDSCAPE BUFFER LINE ----- BUILDING SETBACK LINE ---- WETLAND LIMITS LINE --- WETLAND SETBACK LINE ----- RIGHT-OF-WAY LINE — SF — SF — SILT FENCE LINE — TB — TB — TREE BARRICADE LINE EX. STRUCTURE OR BUILDING PROPOSED BUILDING PROPOSED ASPHALTIC PAVEMENT PROPOSED CONCRETE PAVEMENT PROPOSED DETECTABLE WARNING SURFACE DIRECTIONAL TRAFFIC ARROW PER FDOT INDEX NO. 17346 WATERSHED DIVIDE EX. ELEVATION CONTOUR PROPOSED CONTOUR 93.2× EX. SPOT ELEVATION 93.23 PROPOSED SPOT ELEVATION DIRECTION OF SURFACE DRAINAGE FLOW PROPOSED SWALE LINE — х — х — **EX. FENCE** —O—O—O—PROPOSED FENCE 12" PINE (SIZE & TYPE) 1234 (EX. TREE (TREE ID) 12" PINE EX. TREE TO BE REMOVED (SIZE & TYPE) 1234 EX. TREE TO BE REMOVED (TREE ID) PROJECT BENCHMARK

STORMWATER WASTEWATER THE PROPOSED STORMWATER STRUCTURES DEPICTED BELOW ARE DRAWN PER FDOT ---- WW ----- WW ---- EX. GRAVITY WASTEWATER MAIN SPECIFICATIONS AND TO SCALE WHEN SHOWN ON THE PLAN SHEETS. ---- ST ----- ST ---- EX. GRAVITY STORMWATER MAIN P-WW PROPOSED GRAVITY WASTEWATER MAIN (PIPE LENGTHS ARE FROM N-E LOCATION OF A STRUCTURE TO N-E P-ST PROPOSED GRAVITY STORMWATER MAIN (PIPE LENGTHS ARE LOCATION OF A STRUCTURE) FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF ---- FM ----- FM EX. WASTEWATER FORCE MAIN A STRUCTURE) P-FM PROPOSED WASTEWATER FORCE MAIN (ST) EX. STORMWATER MANHOLE N-F LOCATION PROPOSED 48" DIA. STORMWATER MANHOLE PER FDOT S EX. WASTEWATER MANHOLE N-E LOCATION RIM ELEV. LOCATION TOP/GRATE ELEV. LOCATION PROPOSED WASTEWATER MANHOLE PROPOSED CIRCULAR AREA DRAIN N-E LOCATION **⊗** EX. WASTEWATER CLEANOUT TOP/GRATE ELEV. LOCATION PROPOSED SQUARE AREA DRAIN • PROPOSED WASTEWATER CLEANOUT N-E LOCATION TOP ELEV. LOCATION PROPOSED TYPE 1 CURB INLET TOP PER FDOT INDEX NO. — PROPOSED WASTEWATER GREASE TRAP 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION) MH# PROPOSED WASTEWATER MANHOLE ID N-E LOCATION 11.25° BEND W/ MECHANICALLY RESTRAINED TOP ELEV. LOCATION PROPOSED TYPE 2 CURB INLET TOP PER FDOT INDEX NO. JOINTS (WW FORCE MAIN) 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION) ∠ 22.5° BEND W/ MECHANICALLY RESTRAINED N-E LOCATION JOINTS (WW FORCE MAIN) TOP ELEV. LOCATION PROPOSED TYPE 3 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION) √ 45° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN) N-E LOCATION L 90° BEND W/ MECHANICALLY RESTRAINED PROPOSED TYPE 4 CURB INLET TOP PER FDOT INDEX NO. TOP ELEV. LOCATION 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION) JOINTS (WW FORCE MAIN) △ WYE W/ MECHANICALLY RESTRAINED TOP ELEV. LOCATION PROPOSED TYPE 5 CURB INLET TOP PER FDOT INDEX NO. JOINTS (WW FORCE MAIN) 425-021 (SEE PLANS FOR BOTTOM SPECIFICATION) ⋈ EX. PLUG VALVE AND BOX (WW FORCE MAIN) N-E LOCATION TOP ELEV. LOCATION PROPOSED TYPE 6 CURB INLET TOP PER FDOT INDEX NO. ► PROPOSED PLUG VALVE AND BOX (WW FORCE MAIN) 425-021 (SEE PLANS FOR BOTTOM SPECIFICATION) N-E LOCATION **⊕** EX. AIR RELEASE VALVE (WW FORCE MAIN) PROPOSED TYPE 9 CURB INLET TOP PER FDOT INDEX NO. TOP/GRATE ELEV. LOCATION PROPOSED AIR RELEASE VALVE (WW FORCE MAIN) 425-024 (SEE PLANS FOR BOTTOM SPECIFICATION) **MISCELLANEOUS UTILITIES** N-E LOCATION PROPOSED TYPE 'C' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND THE PROPOSED UTILITIES BELOW ARE DESIGN BY OTHERS AND ARE DEPICTED FOR **BOTTOM SPECIFICATION)** COORDINATION PURPOSES ONLY. REFER TO PLANS BY OTHERS FOR EXACT LOCATIONS, DIMENSION, AND DETAILS. PROPOSED TYPE 'D' DITCH BOTTOM INLET TOP PER FDOT P-ATT PROPOSED AT&T LINE INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION) —— BC —— BC —— EX. BURIED CABLE LINE PROPOSED TYPE 'E' DITCH BOTTOM INLET TOP PER FDOT P-BC — PROPOSED BURIED CABLE LINE TOP/GRATE ELEV. LOCATION INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BTEL EX. BURIED TELEPHONE LINE BOTTOM SPECIFICATION) P-TEL PROPOSED TELEPHONE LINE N-E LOCATION PROPOSED TYPE 'F' DITCH BOTTOM INLET TOP WITH STEEL TOP/GRATE ELEV. LOCATION GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR ----- CATV ----- EX. CABLE TELEVISION LINE BOTTOM SPECIFICATION) P-TV PROPOSED CABLE/TELEVISION LINE N-E LOCATION TOP/GRATE ELEV. LOCATION PROPOSED TYPE 'G' DITCH BOTTOM INLET TOP WITH STEEL — FO — FO — EX. FIBER OPTIC LINE GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR **BOTTOM SPECIFICATION)** ———— UGTEL ———— EX. UNDERGROUND TELEPHONE LINE N-E LOCATION te EX. TELEPHONE PEDESTAL PROPOSED TYPE 'H' DITCH BOTTOM INLET TOP PER FDOT TOP/GRATE ELEV. LOCATION INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION) --- CHW --- CHW --- EX. CHILLED WATER MAIN N-F LOCATION PROPOSED TYPE 'I' DITCH BOTTOM INLET TOP WITH STEEL P-CHW PROPOSED CHILLED WATER MAIN GRATE PER FDOT INDEX NO. 425-054 (SEE PLANS FOR BOTTOM SPECIFICATION) PIPE INV. LOCATION -FIRE EX. FIRE MAIN N-E LOCATION — TI PROPOSED U-TYPE CONCRETE ENDWALLS WITH GRATES PER P-FIRE PROPOSED FIRE MAIN FDOT INDEX NO. 430-010 (SEE PLANS FOR SIZE) ---- IRR ----- IRR ---- EX. IRRIGATION LINE INV. ELEV. LOCATION PROPOSED FLARED END SECTION PER FDOT INDEX NO. 430-020 (SEE PLANS FOR SIZE) N-E LOCATION STEAM — EX. STEAM LINE PIPE INV. ELEV. LOCATION P-STEAM PROPOSED STEAM LINE PROPOSED CROSS DRAIN MITERED END SECTION PER FDOT INDEX NO. 430-021 (SEE PLANS FOR SIZE) P-CLAY PROPOSED CLAY ELECTRIC LINE N-E LOCATION PIPE INV. ELEV. LOCATION — E — EX. ELECTRIC LINE ¬ PROPOSED SIDE DRAIN MITERED END SECTION PER FDOT P-E PROPOSED ELECTRIC LINE INDEX NO. 430-022 (SEE PLANS FOR SIZE) —— EN —— EN EX. ENERGY LINE (S-10) PROPOSED STORMWATER STRUCTURE ID TAG P-LIGHT PROPOSED PRIVATE LIGHTING LINE — OHW — OHW — EX. OVERHEAD WIRE LINE POTABLE AND RECLAIMED — UGE — UGE — EX. UNDERGROUND ELECTRIC LINE WATER 🌣 EX. LIGHT 🕏 EX. UTILITY POLE ---- W ----- W ---- EX. POTABLE WATER MAIN To EX. UTILITY POLE PROPOSED POTABLE WATER MAIN © EX. WOOD POWER POLE --- RCW --- RCW --- EX. RECLAIMED WATER MAIN EX. GUY ANCHOR PROPOSED RECLAIMED WATER MAIN T PROPOSED TRANSFORMER 11.25° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW) — GAS — GAS — EX. GAS LINE 22.5° BEND W/ MECHANICALLY RESTRAINED P-GAS PROPOSED GAS LINE JOINTS (POTABLE AND RCW) √ 45° BEND W/ MECHANICALLY RESTRAINED © EX. GAS MARKER JOINTS (POTABLE AND RCW) **G** EX. GAS MARKER L 90° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW) ☐ TEE (POTABLE AND RCW) OII BLOWOFF ASSEMBLY (POTABLE AND RCW) **▼** REDUCER (POTABLE AND RCW) ⋈ EX. GATE VALVE AND BOX (POTABLE AND RCW) ► PROPOSED GATE VALVE AND BOX (POTABLE AND RCW) **⊕** EX. AIR RELEASE VALVE (POTABLE AND RCW) **⊚** PROPOSED AIR RELEASE VALVE (POTABLE AND RCW) XX EX. FIRE HYDRANT ASSEMBLY PROPOSED FIRE HYDRANT ASSEMBLY **PROPOSED SAMPLE POINT I EX. WATER METER (POTABLE AND RCW)** □ PROPOSED POTABLE WATER METER ► PROPOSED POTABLE WATER BACK FLOW PREVENTER

PART OF THIS PLAN SET.

2. SYMBOLS SHOWN ON THIS SHEET ARE FOR ILLUSTRATIVE

PLANS MAY NOT BE REPRESENTATIVE OF SIZE.

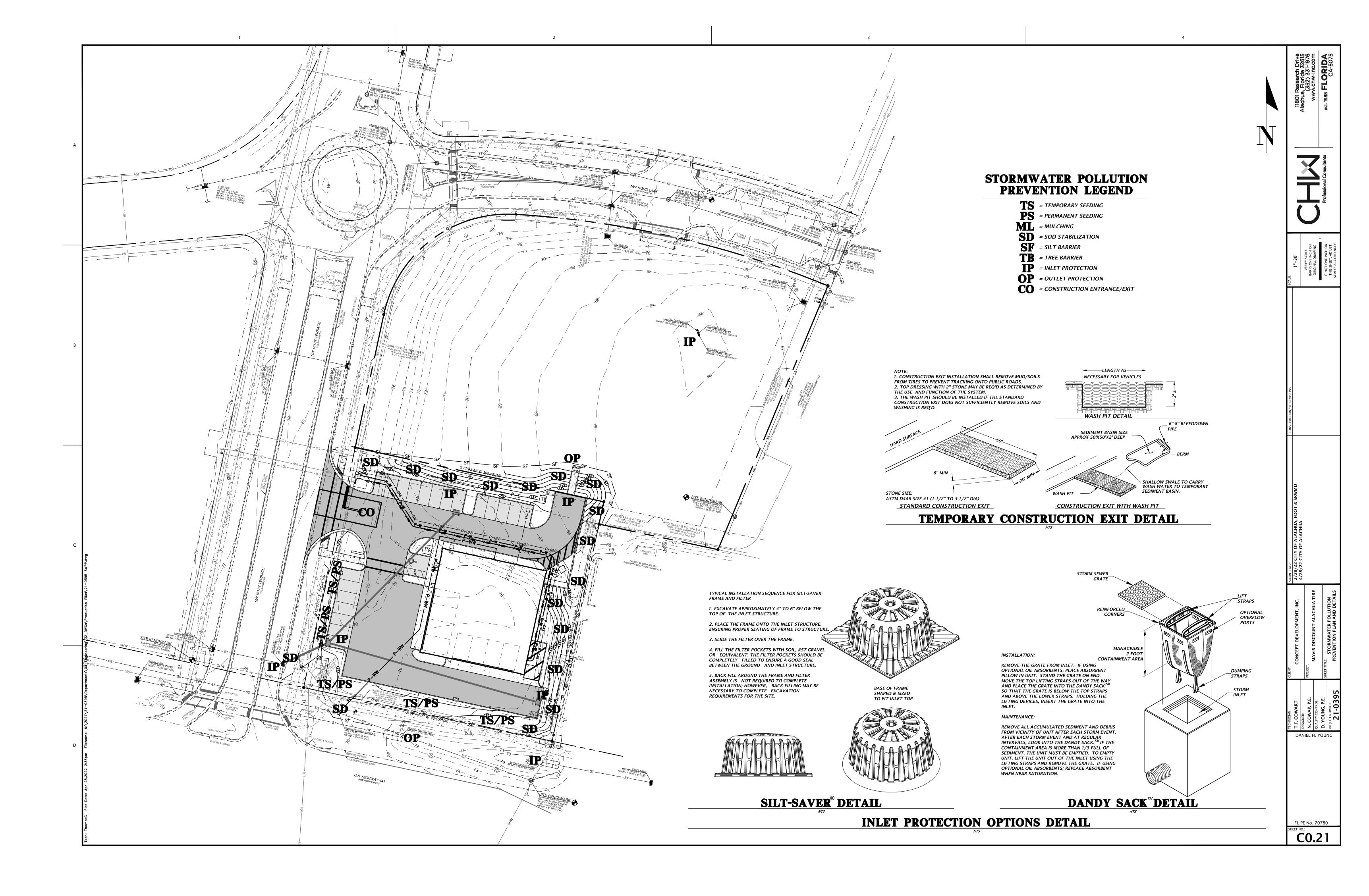
♦ PROPOSED RECLAIMED WATER METER

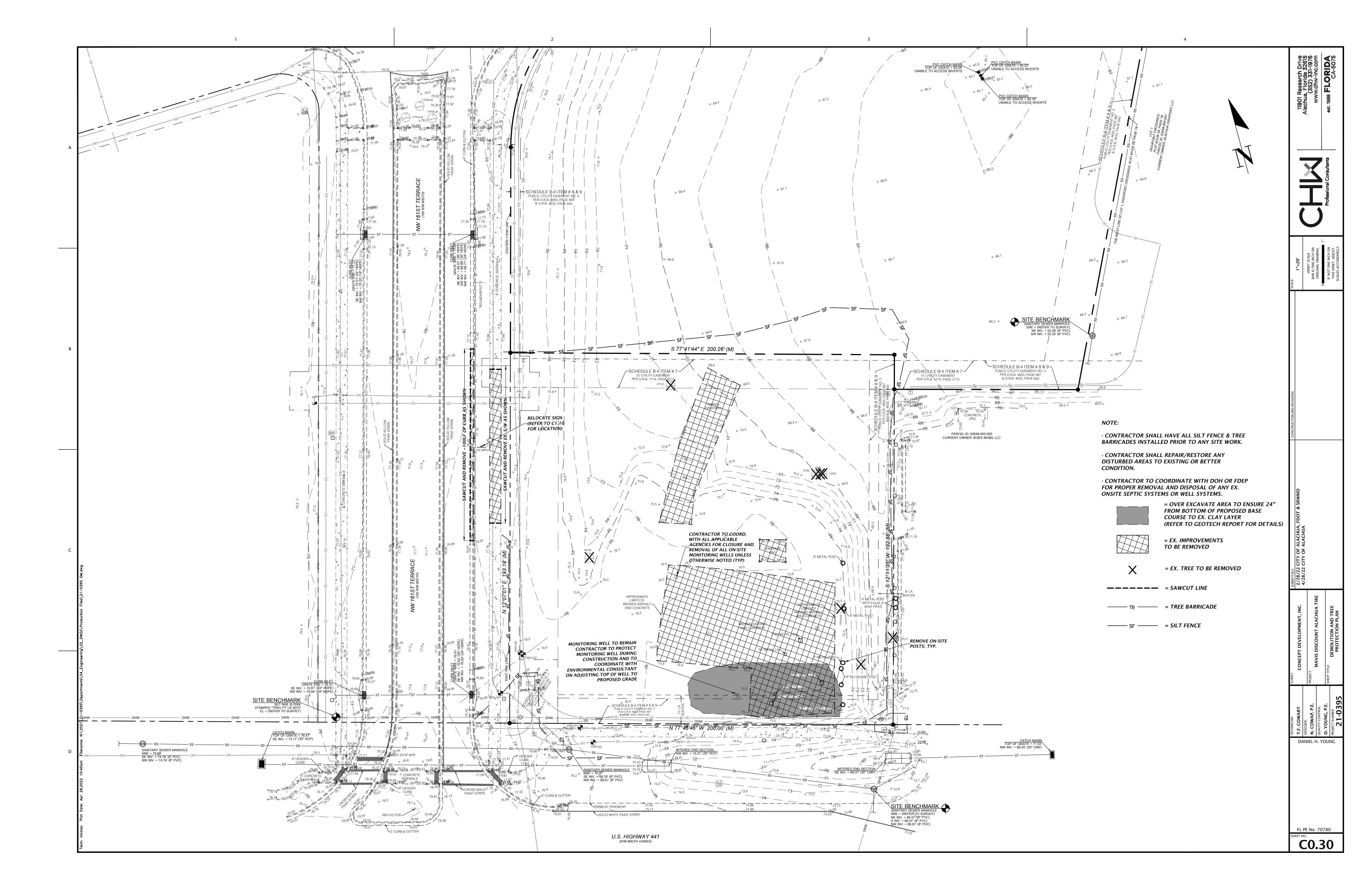
• PROPOSED HOSE BIB (POTABLE AND RECLAIMED)

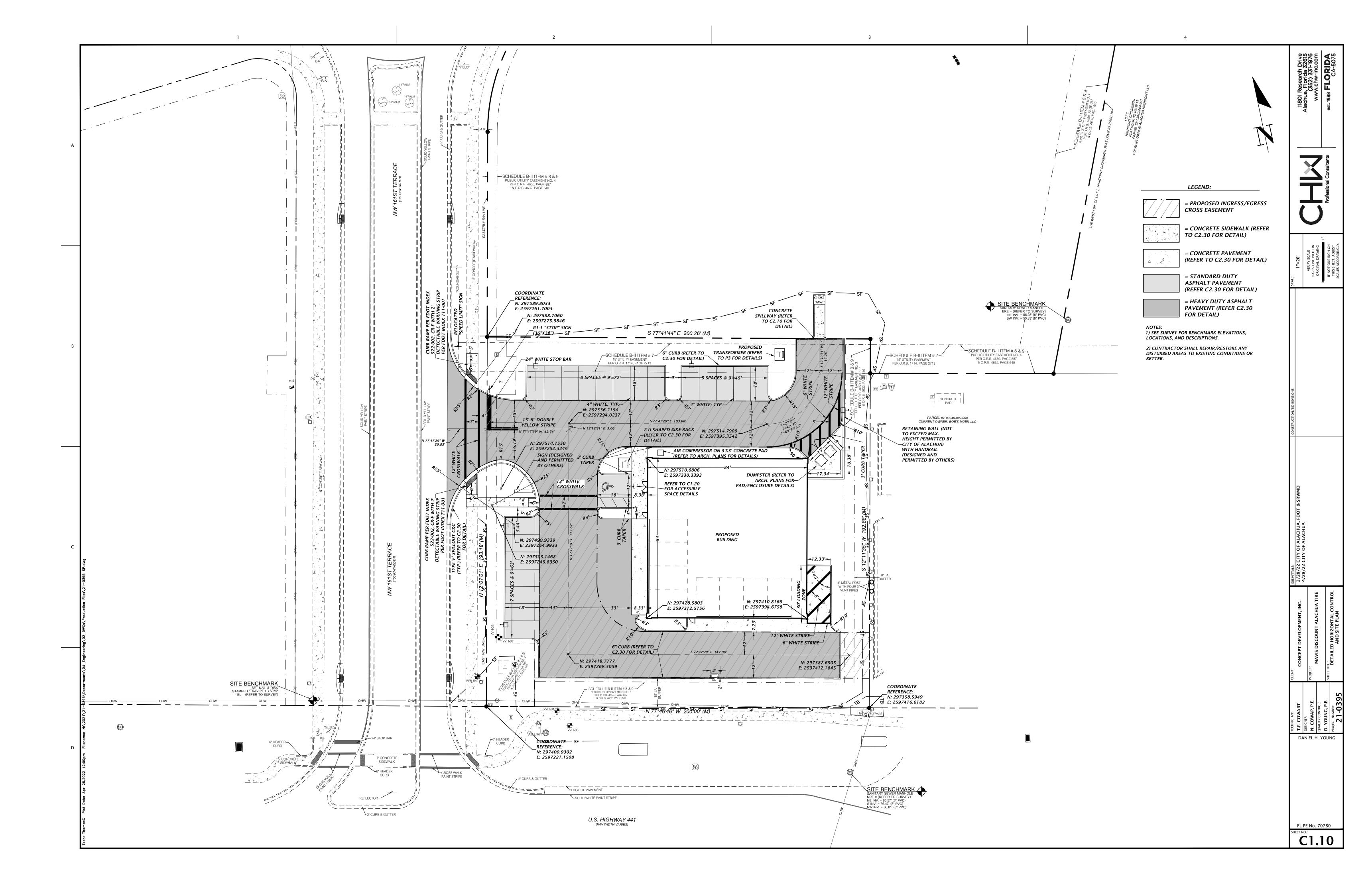
(1) PROPOSED FITTING ID TAG (POTABLE AND RECLAIMED)

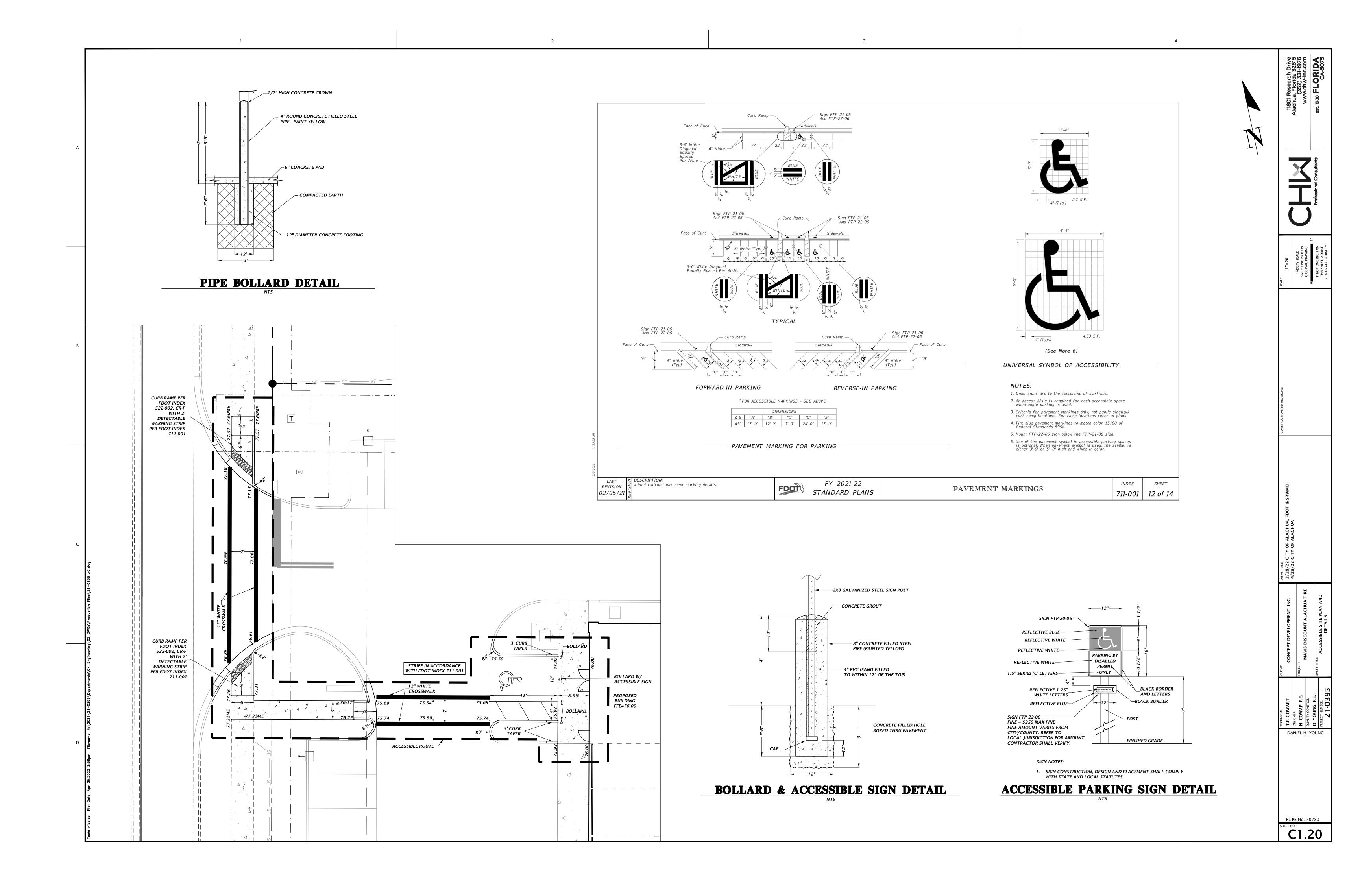
(W) EX. WATER WELL

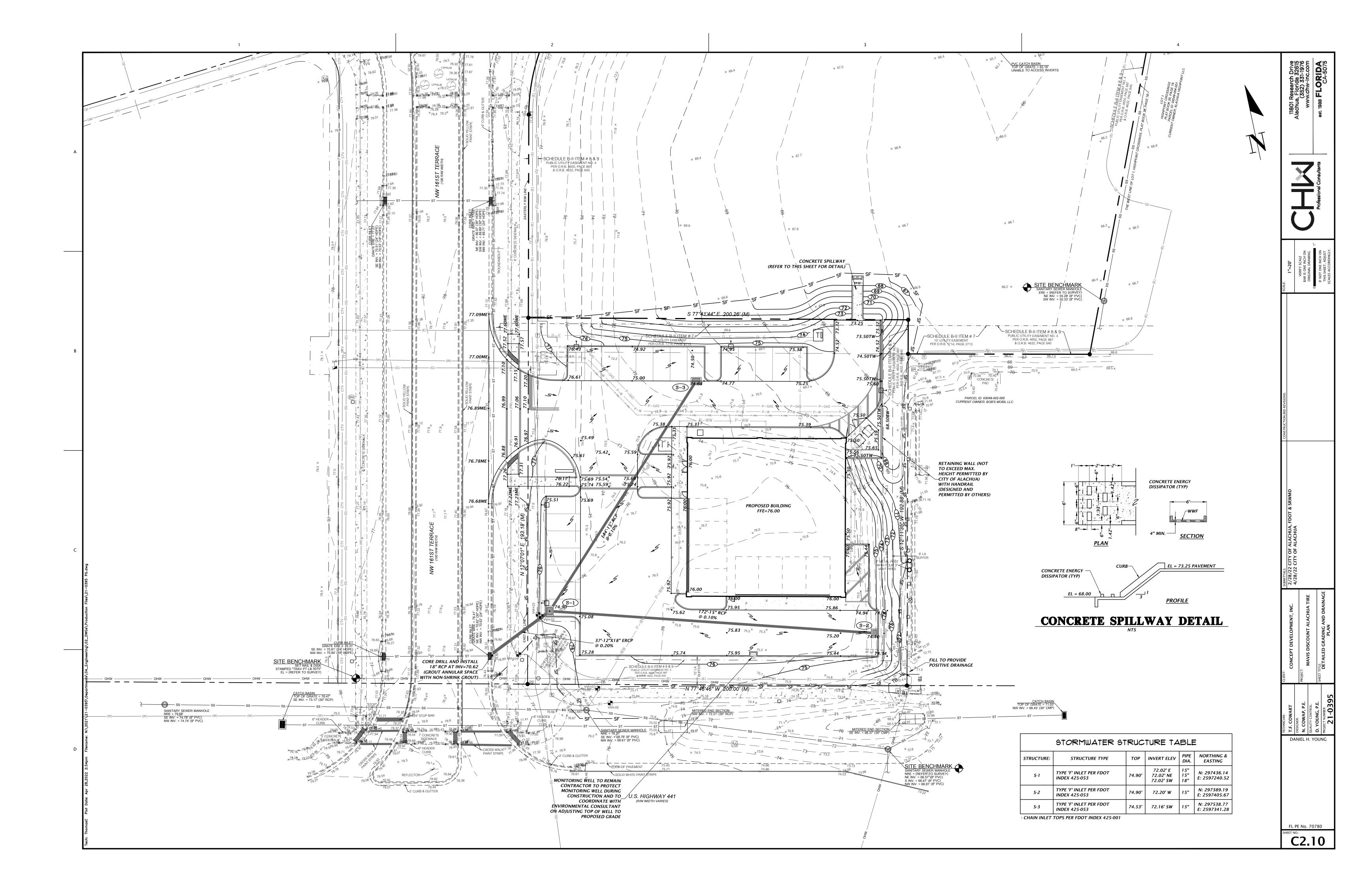
11801 Research Drive \(352) 331-1976 www.chw-inc.com est. 1988 **FLORIDA** DANIEL H. YOUNG 1. THIS LEGEND IS ALL INCLUSIVE AND MAY INCLUDE ITEMS NOT A FL PE No. 70780 PURPOSES ONLY. UNLESS NOTED OTHERWISE, SYMBOLS IN THESE C_{0.11}

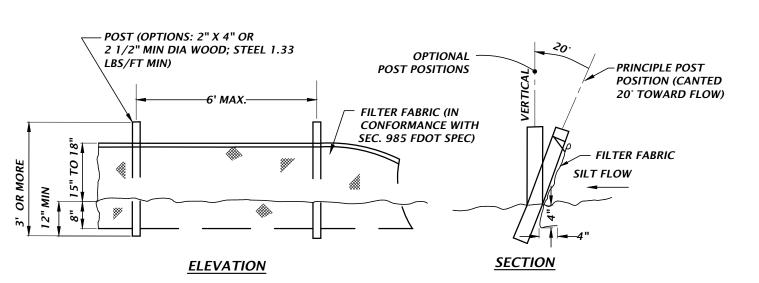




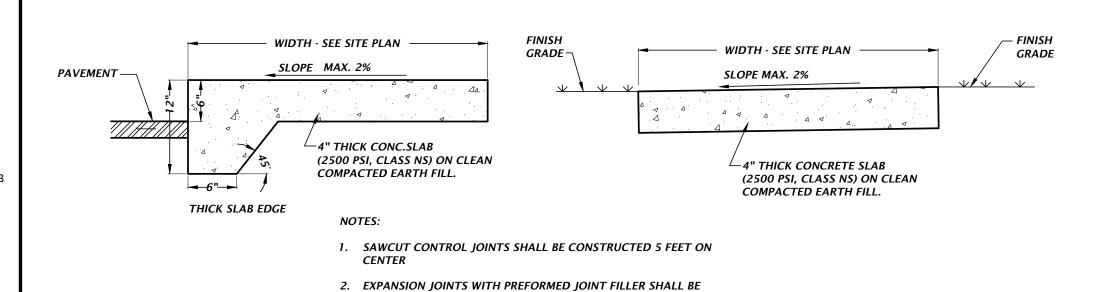








TYPE III SILT FENCE DETAIL



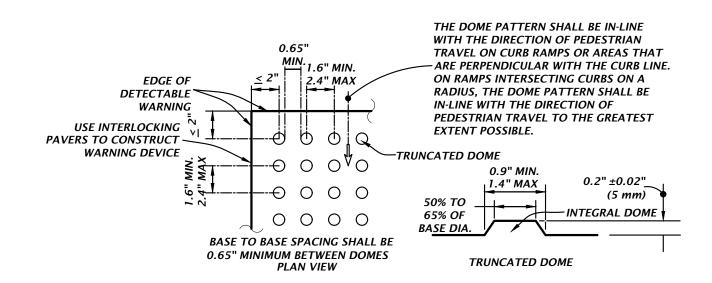
CONSTRUCTED BETWEEN ALL FIXED OBJECTS AND WALK AND AT

CONSTRUCTION JOINTS.

ADJACENT TO PAVEMENT

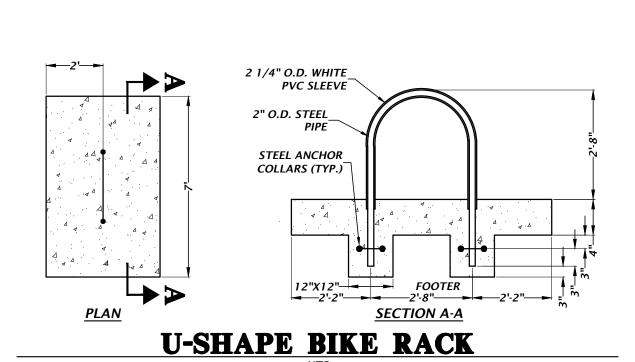
NOT ADJACENT TO PAVEMENT

CONCRETE SIDEWALK DETAILS



- 1. PROVIDE DETECTABLE WARNINGS IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) SECTION 705-DETECTABLE WARNINGS ON WALKING SURFACES AND THE 2017 FLORIDA BUILDING CODE, ACCESSIBILITY, CHAPTER 7, SECTION 705.
- 2. RAISED TRUNCATED DOMES SHALL HAVE A BASE DIAMETER FROM 0.9" MIN TO 1.4" MAX. A TOP DIAMETER FROM 50% TO 65% OF BASE DIAMETER, A HEIGHT OF 0.2 INCH (5 mm) NOMINAL, CENTER-TO-CENTER SPACING FROM 1.6" MIN TO 2.4" MAX, AND BASE-TO-BASE SPACING OF 0.65% MINIMUM, MEASURED BETWEEN THE MOST ADJACENT DOMES ON A SQUARE GRID.
- 3. SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.
- 4. ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES.
- 5. MATS ARE NOT ACCEPTABLE.
- 6. PROVIDE INTERLOCKING PAVERS AS FOLLOWS:
- A DETECTABLE WARNING SURFACE FOR THE RAMPS SHALL CONSIST OF INTERLOCKING 4" X 8" ADA DETECTABLE WARNING SURFACE PAVERS HAVING A MINIMUM DEPTH OF 2". CONCRETE PAVERS ARE TO MEET ASTM C902 CLASS SX TYPE 1: AND BRICK PAVERS ARE TO MEET ASTM C55, GRADE N, SOLID BRICK COLOR TO MEET ADA CONTRAST REQUIREMENTS. B - ALL UNITS SHALL BE SOUND AND FREE OF DEFECTS THAT WOULD INTERFERE WITH THE APPEARANCE OF PROPER PLACEMENT OF THE UNIT OR IMPAIR THE STRENGTH OR LONGEVITY OF THE FINAL STRUCTURE. ANY UNITS THAT ARE STRUCTURALLY DAMAGED DURING THE WORK SHALL BE IMMEDIATELY REMOVED AND REPLACED. THE PAVERS ARE TO BE LAID IN A TWO BY TWO BASKETWEAVE PATTERN, FLUSH WITH THE FINISH GRADE OF THE RAMP SURFACE, AND HAVE GAPS BETWEEN 1/16 AND 1/8 INCH. CUT PAVERS (MASONRY SAW ONLY) SHALL BE NO SMALLER THAN ONE-THIRD OF A
- WHOLE PAVER. C - MODIFY FORMWORK OR PROVIDE FORMED GROUT INFILL BEHIND CURVED DROP CURB SECTIONS TO ENSURE STRAIGHT EDGE RESTRAINT FOR PAVERS.
- D CONCRETE EDGE RESTRAINT FOR WARNING AREA. MAXIMUM GAP OF 1/8" BETWEEN PAVERS AND EDGE. USE 1/4" RADIUS ALONG CONCRETE EDGES.
- E WHEN PAVERS ABUT EITHER EARTH/DIRT OR PAVEMENT, A SIX INCH CONCRETE BAND SHALL BE INSTALLED. BAND SHALL BE WITHIN LIMITS OF THE WIDTH OF PROPOSED CONCRETE AND NOT EXTENDED AN ADDITIONAL SIX INCHES..
- 7. ALL MATERIALS/METHODS TO BE UTILIZED SHALL BE SUBMITTED FOR APPROVAL TO THE ENGINEER AND CITY OF ALACHUA PRIOR TO ORDERING THE MATERIALS/METHODS. FAILURE TO OBTAIN APPROVAL BEFORE ORDERING OR INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.

ADA DETECTABLE WARNING

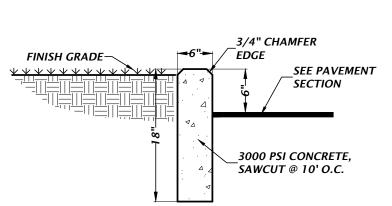


1.5" TYPE SP-12.5

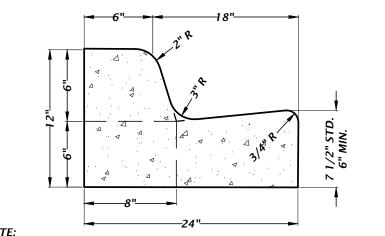
⁴

1/2" HIGH CONCRETE CROWN 4" ROUND CONCRETE FILLED STEEL PIPE - PAINT YELLOW -6" CONCRETE PAD **COMPACTED EARTH** - 12" DIAMETER CONCRETE FOOTING -12'--

PIPE BOLLARD DETAIL

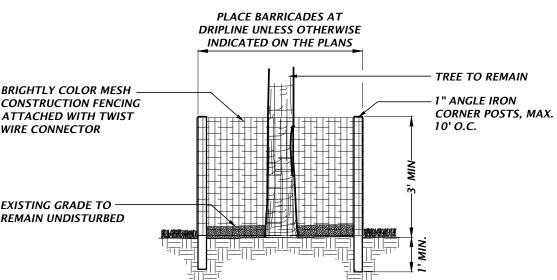


TYPICAL 6" CURB DETAIL



WHEN USED ON THE HIGH SIDE OF ROADWAY, THE CROSS-SLOPE OF THE GUTTER SHALL MATCH THE CROSS-SLOPE OF THE ADJACENT PAVEMENT

AND THE THICKNESS OF THE LIP SHALL BE 6". TYPE 'F' CONCRETE CURB AND GUTTER DETAIL



TREE PROTECTION NOTES

1) 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.

2) 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

3) NO TRENCHING ALLOWED WITHIN THE PROTECTIVE BARRIER ZONE. HAND DIG TO INSTALL UTILITY IF APPROVED BY CITY MANAGER OR DESIGNEE. WHERE ROOTS GREATER THAN ONE INCH IN DIAMETER ARE DAMAGED OR EXPOSED, THEY SHALL BE CUT CLEANLY AND RE-COVERED WITH SOIL WITHIN ONE HOUR OF DAMAGE OR EXPOSURE.

4) PROTECTIVE BARRIERS SHALL REMAIN IN PLACE AND INTACT UNTIL CORNER POSTS, MAX. SUCH TIME AS LANDSCAPE OPERATIONS BEGIN.

5) 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.

6) NO BUILDING MATERIALS, MACHINERY OR HARMFUL CHEMICALS SHALL BE PLACED WITHIN PROTECTIVE BARRIERS.

7) 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

DANIEL H. YOUNG FL PE No. 70780 C2.30

ASPHALTIC CONCRETE 6" LIMEROCK BASE COMPACTION (98%) AASHTO T-180 12" STABILIZED TYPE B SUBGRADE MIN. LBR 40 COMPACTION 98% AASHTO T-180

NOTE: IF EXPANSIVE SOILS ARE ENCOUNTERED MIN. 24" SEPARATION FROM THE BASE COURSE, REFER TO GEOTECHNICAL REPORT FOR MEDIATION. STANDARD DUTY

ASPHALT PAVEMENT DETAIL

REPORT FOR MEDIATION. **HEAVY DUTY** ASPHALT PAVEMENT DETAIL

SEPARATION FROM THE BASE COURSE, REFER TO GEOTECHNICAL

NOTE: IF EXPANSIVE SOILS ARE ENCOUNTERED MIN. 24"

2" TYPE SP-12.5

8" LIMEROCK BASE

COMPACTION (98%)

AASHTO T-180

ASPHALTIC CONCRETE

12" STABILIZED TYPE B SUBGRADE

MIN. LBR 40 COMPACTION 98%

NOTE: CONCRETE PAVEMENT & JOINTS SHALL BE CONSTRUCTED TO P.C.A. STANDARDS. CONCRETE PAVEMENT DETAIL

- CONTRACTION JOINTS @ 12' O/C (SEAL JOINT)

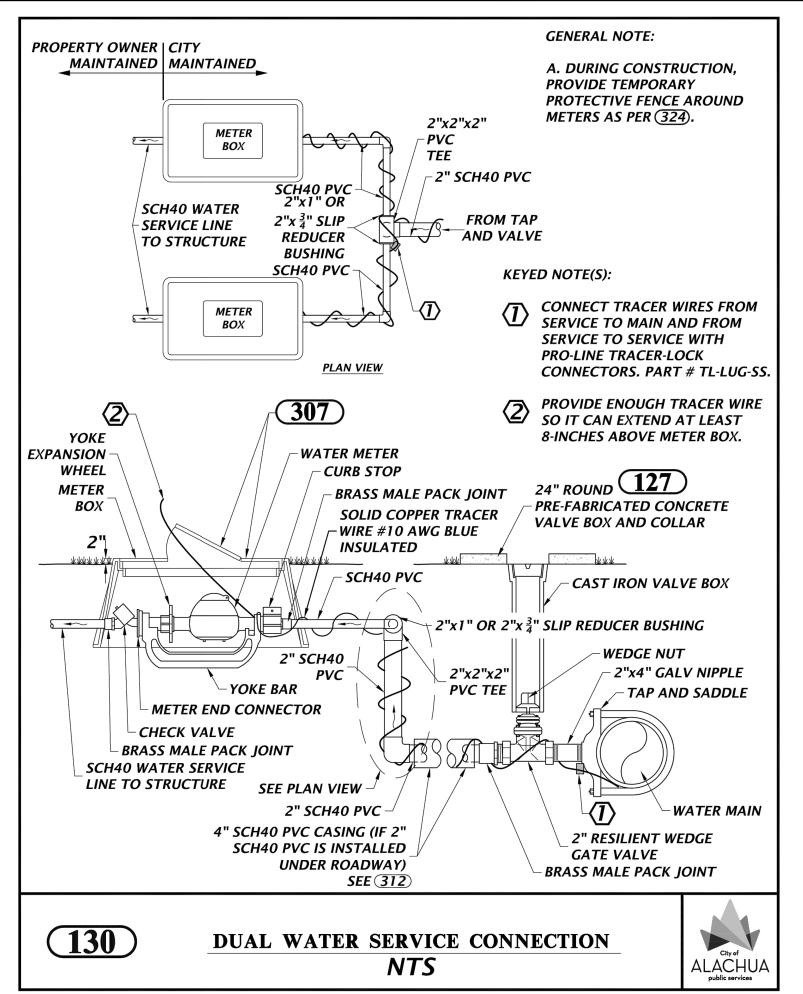
6-1/2" CONCRETE, 3000 PSI

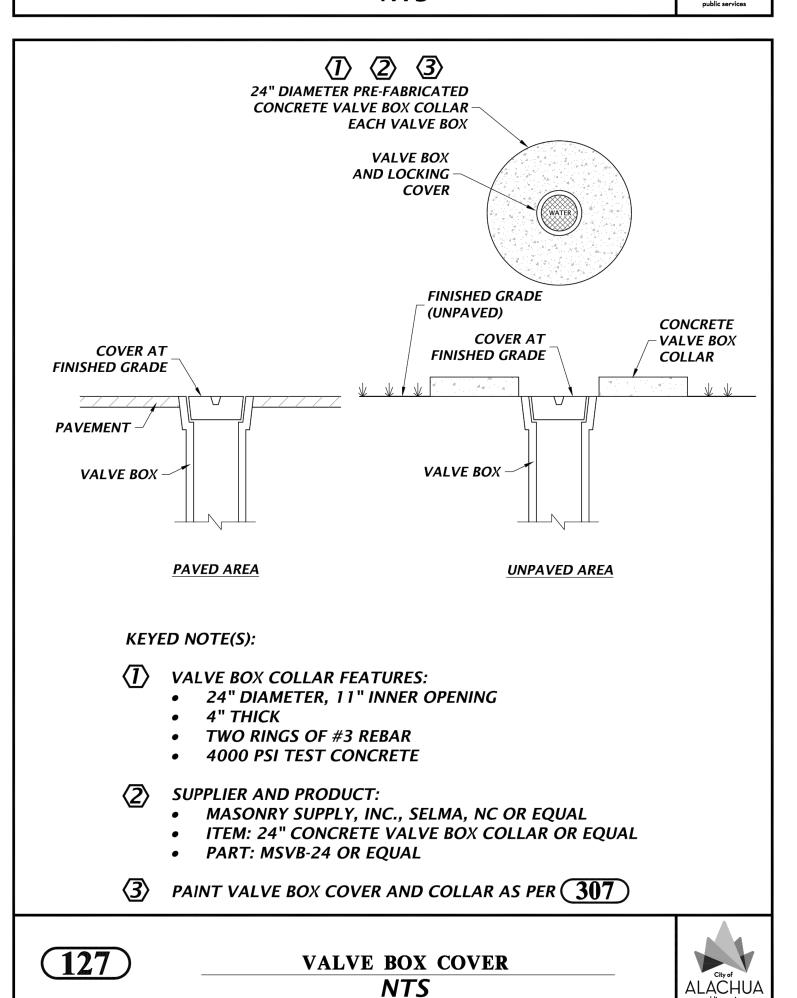
12" STABILIZED SUBGRADE,

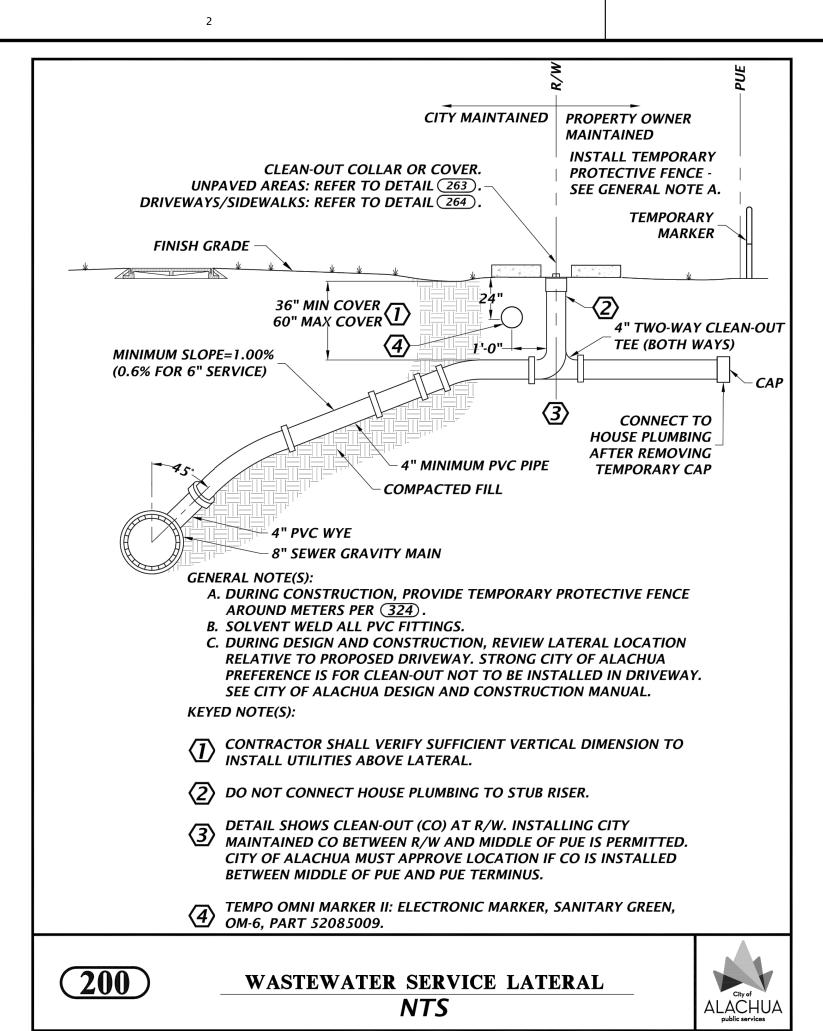
EXPANSION JOINTS @ 100' O/C

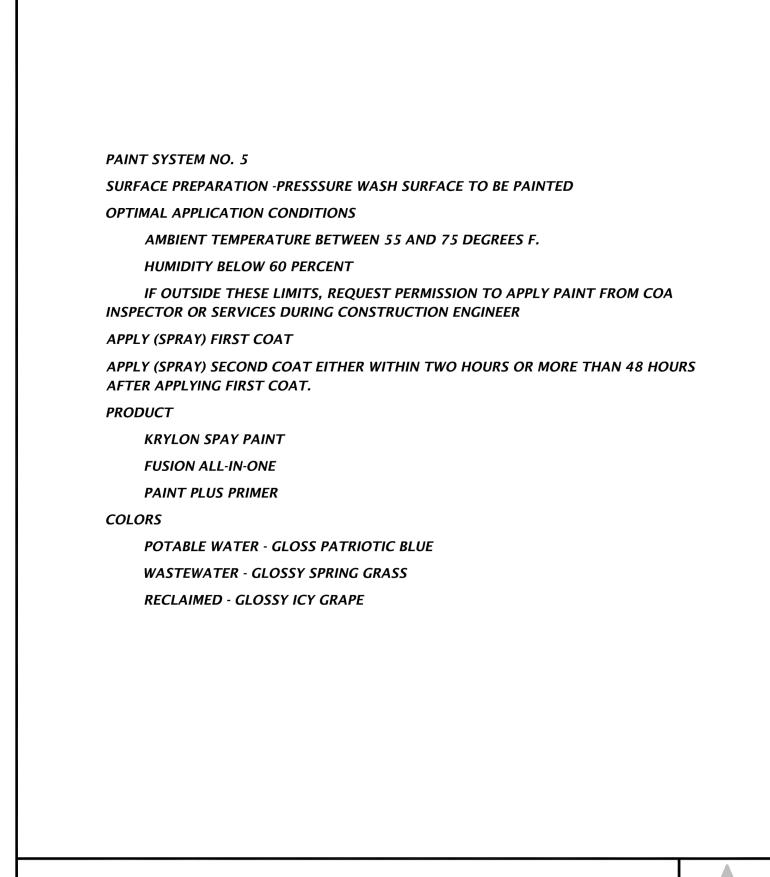
LBR 30 (MIN.)

BRIGHTLY COLOR MESH -CONSTRUCTION FENCING ATTACHED WITH TWIST WIRE CONNECTOR EXISTING GRADE TO -REMAIN UNDISTURBED





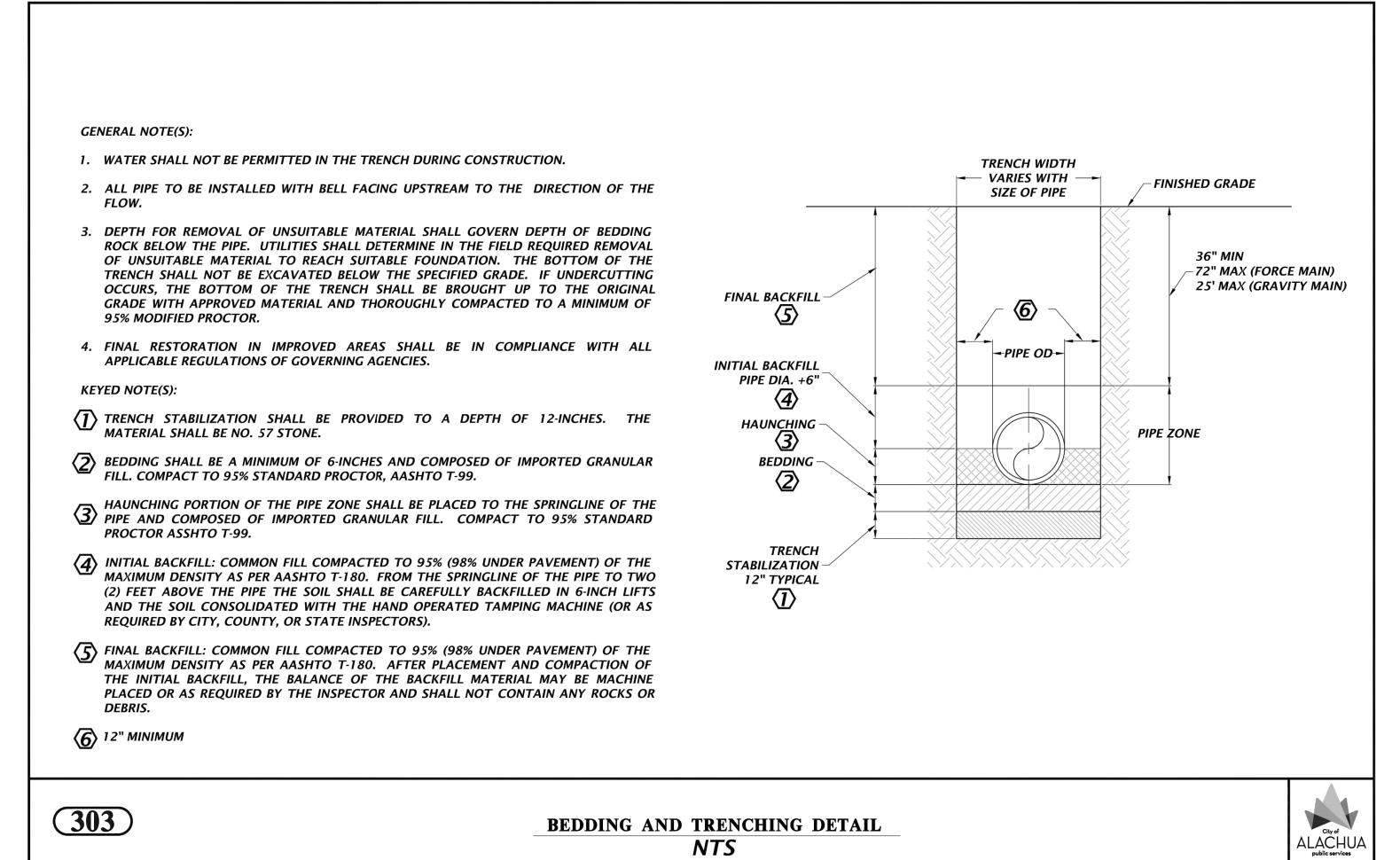




PAINT SYSTEM NO. 5

NTS

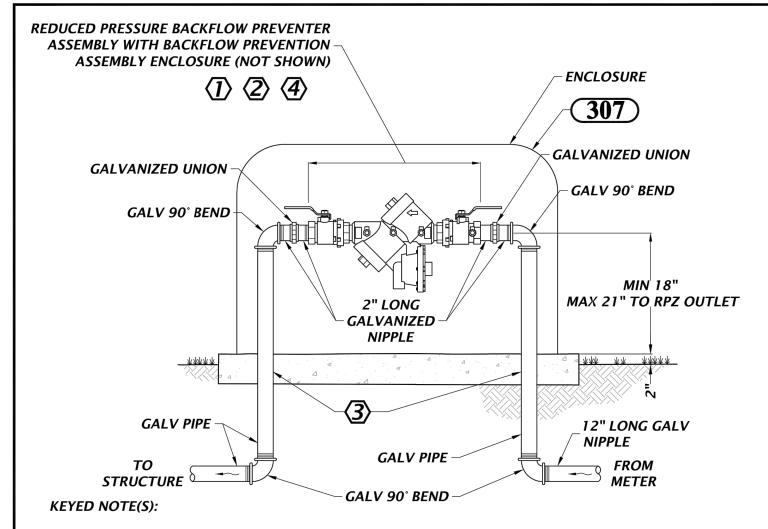
ALACHUA public services



307

FL PE No. 70780

C2.31

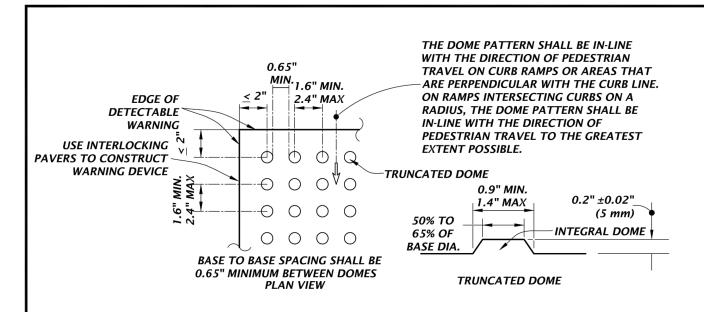


- PROVIDE BACKFLOW PREVENTION ASSEMBLY ENCLOSURE. COORDINATE WITH VENDOR TO SELECT ENCLOSURE SIZE SUITABLE FOR INSTALLED BACKFLOW PREVENTER ASSEMBLY.
- ENCLOSURE VENDOR AND FEATURES:

 MARINE GRADE ALUMINUM
- 1.5 INCH INSULATION, 9.0 R VALUE
- MEANS TO ACCESS ASSEMBLY
- LOCKABLE
- MOUNTING HARDWARE • COLOR: TAN, UNLESS OTHERWISE NOTED.
- VENDORS: SAFE T COVER, NASHVILLE, TN; OR EQUAL
- POUR CONCRETE PAD WITH DIMENSIONS AS PER VENDOR'S RECOMMENDATIONS. MINIMUM THICKNESS OF 4 INCHES.
 - PROVIDE SLEEVES AROUND PIPING
- **4** BACKFLOW PREVENTER FURNISHED, INSTALLED AND MAINTAINED BY PROPERTY OWNER, NOT





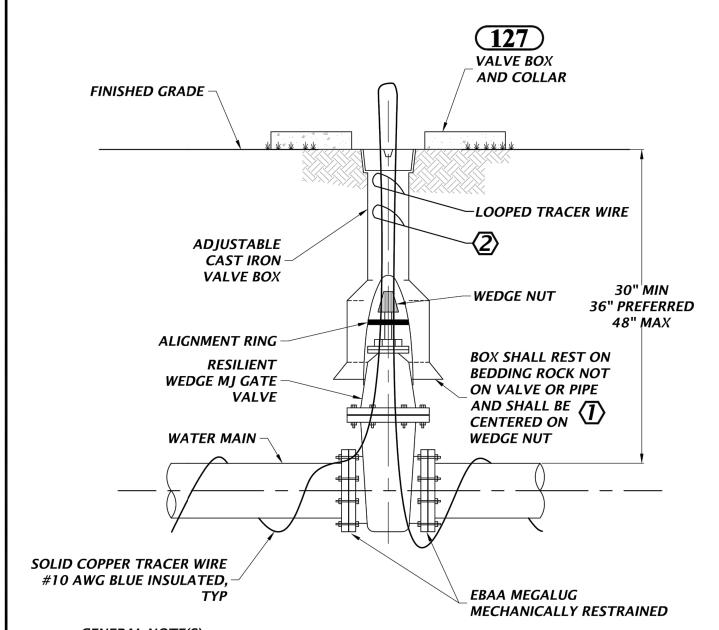


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ADA DETECTABLE WARNING





GENERAL NOTE(S):

- 1. PVC EXTENSIONS SHALL NOT BE USED ON VALVE BOX INSTALLATION.
- 2. VALVE BOX LID TO BE LETTERED WITH THE WORD "WATER" OR "RECLAIMED".

KEYED NOTE(S):

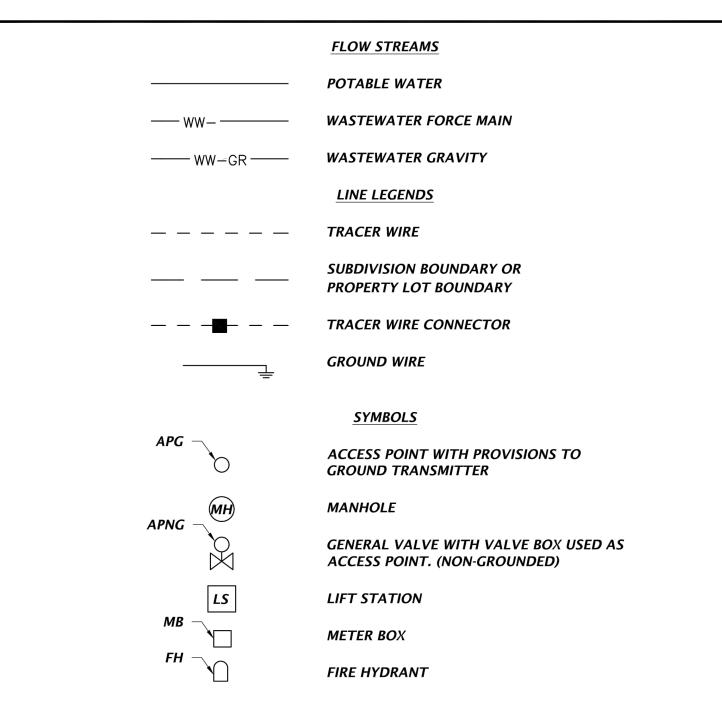
- WHEN VALVE BOX IS TO BE INSTALLED IN ROADWAY OR OTHER TRAFFIC AREAS SET VALVE BOX ON FIVE (5) SOLID COMMON BRICKS.
- VALVE BOX MAY SERVE AS ACCESS POINT FOR TRACER WIRES. PROVIDE ENOUGH LOOPED TRACER WIRE SO IT CAN EXTEND 8-INCHES ABOVE GRADE.



GATE VALVE FOR WATER AND RECLAIMED WATER MAINS 4" OR LARGER NTS

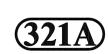






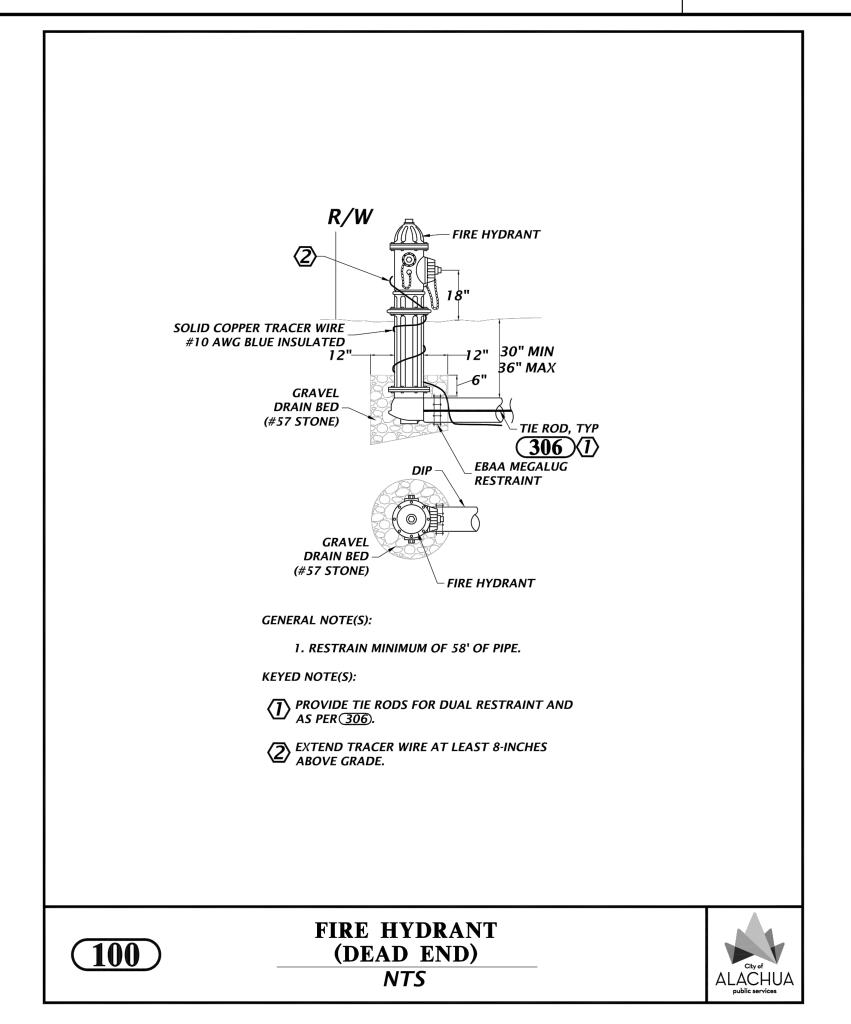
GENERAL NOTE(S):

- 1. RIGHT-OF-WAY AND PUBLIC UTILITY EASEMENTS NOT SHOWN.
- 2. THESE CONFIGURATION DETAILS DO NOT STAND ALONE. SEE RELATED TRACER WIRE DETAILS.
- 3. TRACER WIRE CONNECTORS SHALL BE PRO-LINE TRACER-LOCK CONNECTORS, PART #TL-LUG-SS.
- 4. TRACER WIRE REQUIRED FOR BOTH DUCTILE IRON AND PVC PIPE.



TRACER WIRE CONFIGURATION: LEGENDS AND ABBREVIATIONS NTS





FL PE No. 70780 **C2.32**