DEVELOPMENT PLANS
FOR:

ALACHUA COUNTY
HAGUE STATION #25
ALACHUA COUNTY, FLORIDA

SECTION 20, TOWNSHIP 8 SOUTH, RANGE 19 EAST

SUBMITTED TO:
CITY OF ALACHUA
SUWANNEE RIVER WATER MANAGEMENT DISTRICT

GENERAL NOTES

1. DEVELOPMENT DATA:

		PROPOSED DEVELOPMENT	
TOTAL AREA=	44,884 S.F.	100.0%	1.03 ACRES
EX. IMPERVIOUS AREA=	27,678 S.F.	61.7%	
PROPOSED TEMPORARY BUILDING=	1,080 S.F.	2.4%	
PROPOSED APPARATUS BUILDING=	1,080 S.F.	2.4%	
TOTAL IMPERVIOUS AREA=	24,862 S.F.	55.4%	
OPEN SPACE=	17,206 S.F.	39.8%	

DESCRIPTION: THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A 1,080 SF TEMPORARY FIRE STATION AND A 1,080 SF APPARATUS BUILDING. BOTH BUILDINGS WILL BE SPRINKLERED. ALSO INCLUDED IS EMPLOYEE/VISITOR PARKING AND THE ASSOCIATED UTILITY INFRASTRUCTURE.

ZONING & LAND USE DESIGNATION:
ZONING = INDUSTRIAL (ILW)
FUTURE LAND USE = INDUSTRIAL

2. MINIMUM BUILDING / YARD SETBACKS PER ILW ZONING ARE AS FOLLOWS:
PRIMARY BUILDING (ILW)
FRONT: 20'
SIDE: 15', EXCEPT WHERE RAILROAD SPUR ABUTS SIDE OR REAR PROPERTY, THEN NONE
REAR: 15', EXCEPT WHERE RAILROAD SPUR ABUTS SIDE OR REAR PROPERTY, THEN NONE

MINIMUM LOT AREA	NONE
MINIMUM LOT WIDTH	NONE
MAX BUILDING HEIGHT	65'
MAX LOT COVERAGE	NONE
MAX FAR	0.5

3. PARKING CALCULATIONS:
CAR: 1 SPACE PER EMPLOYEE ON LARGEST SHIFT

4 EMPLOYEES X 1 SPACE = 4 SPACES (MINIMUM)
4 X 125% = 5 SPACES (MAXIMUM)
PROVIDED = 4 SPACES

ACCESSIBLE PARKING SPACES REQUIRED: 1 SPACES
PROVIDED: 1 SPACES

4. DATE OF BOUNDARY SURVEY:
A BOUNDARY AND TOPOGRAPHIC SURVEY WAS COMPLETED BY CHW AND DATED NOVEMBER 8, 2018.

5. UTILITIES:
-POTABLE WATER AND FIRE SERVICE WILL BE PROVIDED BY CONNECTION TO CITY OF ALACHUA WATER SYSTEM.

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

-ELECTRIC SERVICE WILL BE PROVIDED VIA NEW SERVICE CONNECTION TO ADJACENT ELECTRIC SERVICE.

-RECLAIM WATER SERVICE IS NOT AVAILABLE TO THE PROJECT SITE AT THE CURRENT TIME.

-POTABLE WATER AND SANITARY SERVICE SHALL CONFORM TO "CITY OF ALACHUA, DEPARTMENT OF PUBLIC SERVICE, REQUIREMENTS FOR DESIGN AND CONSTRUCTION, POTABLE WATER, RECLAIMED WATER AND WASTEWATER, 2017".

6. NATURAL FEATURES:
TOPOGRAPHY WILL SLOPE FROM SOUTH TO NORTH WITH MILD SLOPES. THERE ARE NO OTHER NATURAL SITE FEATURES.

7. ZONING/LAND USE INFORMATION AND COMPLIANCE:

LIGHT AND WAREHOUSE INDUSTRIAL (ILW) ZONING DISTRICT DESIGNATION.

THE PROPOSED TEMPORARY FIRE STATION IS CONSISTENT WITH THE FIRE AND EMS. DEFINITION PROVIDED IN ARTICLE 10 OF THE LDRS. PER ARTICLE 4 OF THE LDRS, FIRE AND EMS FACILITIES ARE PERMITTED USE WITHIN THE LIGHT AND WAREHOUSE INDUSTRIAL ZONING DISTRICT.

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 FEW EXISTING TREES ON SITE AND THE PROPOSED LANDSCAPING FULFILLS GENERAL, MITIGATION, AND BUFFER REQUIREMENTS. THE PROPOSED PROJECT WILL USE THE EXISTING STORMWATER COLLECTION SYSTEM.

8. CONCURRENCY IMPACT ANALYSIS:
SUBMITTED UNDER SEPARATE COVER

9. LEGAL DESCRIPTION: (AS FURNISHED)
A PARCEL OF LAND LOCATED IN SECTION 20, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCE AT THE SOUTHEAST CORNER OF LANDS AS DESCRIBED AND RECORDED IN OFFICIAL RECORDS BOOK 3527 AT PAGE 1217 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA SAID CORNER BEING ON THE NORTH RIGHT OF WAY LINE OF U.S. HIGHWAY 441, (STATE ROAD NUMBER 25/20, 200 FOOT WIDE RIGHT OF WAY): THENCE RUN NORTH 66°00'17"WEST, ALONG SAID RIGHT OF WAY LINE A DISTANCE OF 101.41 FEET TO THE POINT OF BEGINNING; THENCE RUN NORTH 66°00'17"WEST, ALONG SAID RIGHT OF WAY LINE, A DISTANCE OF 188.59 FEET TO THE EASTERLY EASEMENT LINE OF A DUKE ENERGY 160 FOOT WIDE RIGHT OF WAY, (FORMERLY FLORIDA POWER CORPORATION) AS DESCRIBED AND RECORDED IN OFFICIAL RECORDS BOOK 219 AT PAGE 571, PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA; THENCE RUN NORTH 23°38'26"EAST, DEPARTING FROM SAID RIGHT OF WAY LINE AND ALONG SAID EASEMENT LINE, A DISTANCE OF 237.92 FEET; THENCE RUN SOUTH66°00'17"EAST, DEPARTING SAID EASEMENT LINE, A DISTANCE OF 188.71 FEET; THENCE RUN SOUTH24°00'13"WEST, A DISTANCE OF 237.92 FEET TO THE POINT OF BEGINNING.

CONTAINING 1.03 ACRES MORE OR LESS.

SURVEYOR OF RECORD
AARON H. HICKMAN, P.S.M.
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(352)331-1976

LANDSCAPE ARCHITECT
SARA KOVACHICH, R.L.A.
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DEVELOPER/OWNER
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PHOENIX COMMERCIAL PARK, LLP
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ALACHUA, FL 32615

ENGINEER OF RECORD
MONIQUE H. HEATHCOCK, P.E.
CHW
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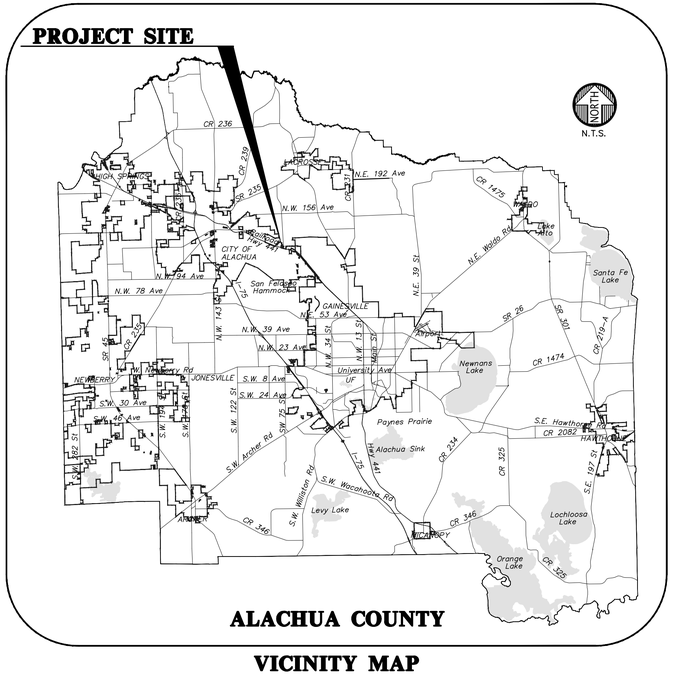
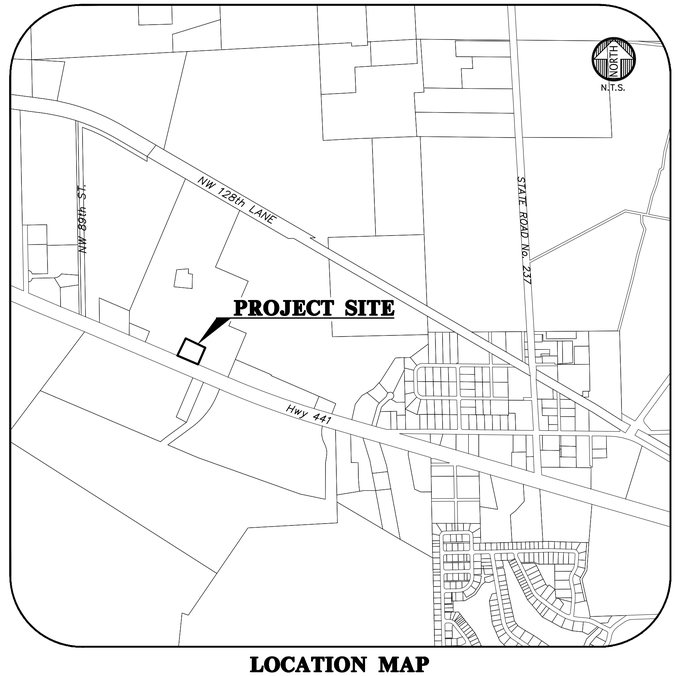
ALACHUA, FLORIDA 32615
(352) 331-1976

PROJECT SITE



ALACHUA COUNTY

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
C1.10	DETAILED HORIZONTAL CONTROL AND SITE PLAN
C2.10	DETAILED GRADING, DRAINAGE AND UTILITY PLAN
C2.30	CONSTRUCTION DETAILS
C2.31	CITY OF ALACHUA DETAILS
LS-1	LANDSCAPE NOTES
LS-2	LANDSCAPE PLAN
IR-1	IRRIGATION DIAGRAM
FD1	FOUNDATION PLAN
FD2	FOUNDATION PLAN DETAILS
A1.1	SCHEMATIC DESIGN

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SCALE: N/A
VERIFY SCALE BAR IS 1" INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/06/18 CITY OF ALACHUA
12/18/18 CITY OF ALACHUA
04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT
PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #25
SHEET TITLE: COVER SHEET AND INDEX

TECHNICIAN: T.F. COWART
DESIGNER: M. HUTCHCOCK, P.E.
QUALITY CONTROL: D.H. YOUNG, P.E.
PROJECT NUMBER: 18-0031

MONIQUE M. HEATHCOCK
FL PE No. 54352

SHEET NO.: C0.00

Tech: twhd Plot Date: May 23,2019 8:20am Filename: N:\2018\18-0031\Engineering\DWGs\Production Files\18-0031 CV.dwg

BOUNDARY & TOPOGRAPHIC SURVEY

OF A PORTION OF TAX PARCEL #05855-004-000
SECTION 20, TOWNSHIP 8 SOUTH, RANGE 19 EAST,
CITY OF ALACHUA, ALACHUA COUNTY, FLORIDA

LEGAL DESCRIPTION: (PREPARED BY THIS FIRM)

A PARCEL OF LAND LOCATED IN SECTION 20, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF LANDS AS DESCRIBED AND RECORDED IN OFFICIAL RECORDS BOOK 3527 AT PAGE 1217 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA SAID CORNER BEING ON THE NORTH RIGHT OF WAY LINE OF U.S. HIGHWAY 441, (STATE ROAD NUMBER 25/20, 200 FOOT WIDE RIGHT OF WAY); THENCE RUN NORTH 66°00'17"WEST, ALONG SAID RIGHT OF WAY LINE A DISTANCE OF 101.41 FEET TO THE POINT OF BEGINNING; THENCE RUN NORTH 66°00'17"WEST, ALONG SAID RIGHT OF WAY LINE, A DISTANCE OF 188.59 FEET TO THE EASTERLY EASEMENT LINE OF A DUKE ENERGY 160 FOOT WIDE RIGHT OF WAY, (FORMERLY FLORIDA POWER CORPORATION) AS DESCRIBED AND RECORDED IN OFFICIAL RECORDS BOOK 219 AT PAGE 571, PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA; THENCE RUN NORTH 23°58'26"EAST, DEPARTING FROM SAID RIGHT OF WAY LINE AND ALONG SAID EASEMENT LINE, A DISTANCE OF 237.92 FEET; THENCE RUN SOUTH66°00'17"EAST, DEPARTING SAID EASEMENT LINE; A DISTANCE OF 188.71 FEET; THENCE RUN SOUTH24°00'13"WEST, A DISTANCE OF 237.92 FEET TO THE POINT OF BEGINNING.

CONTAINING 1.03 ACRES MORE OR LESS.

SURVEYORS NOTES:

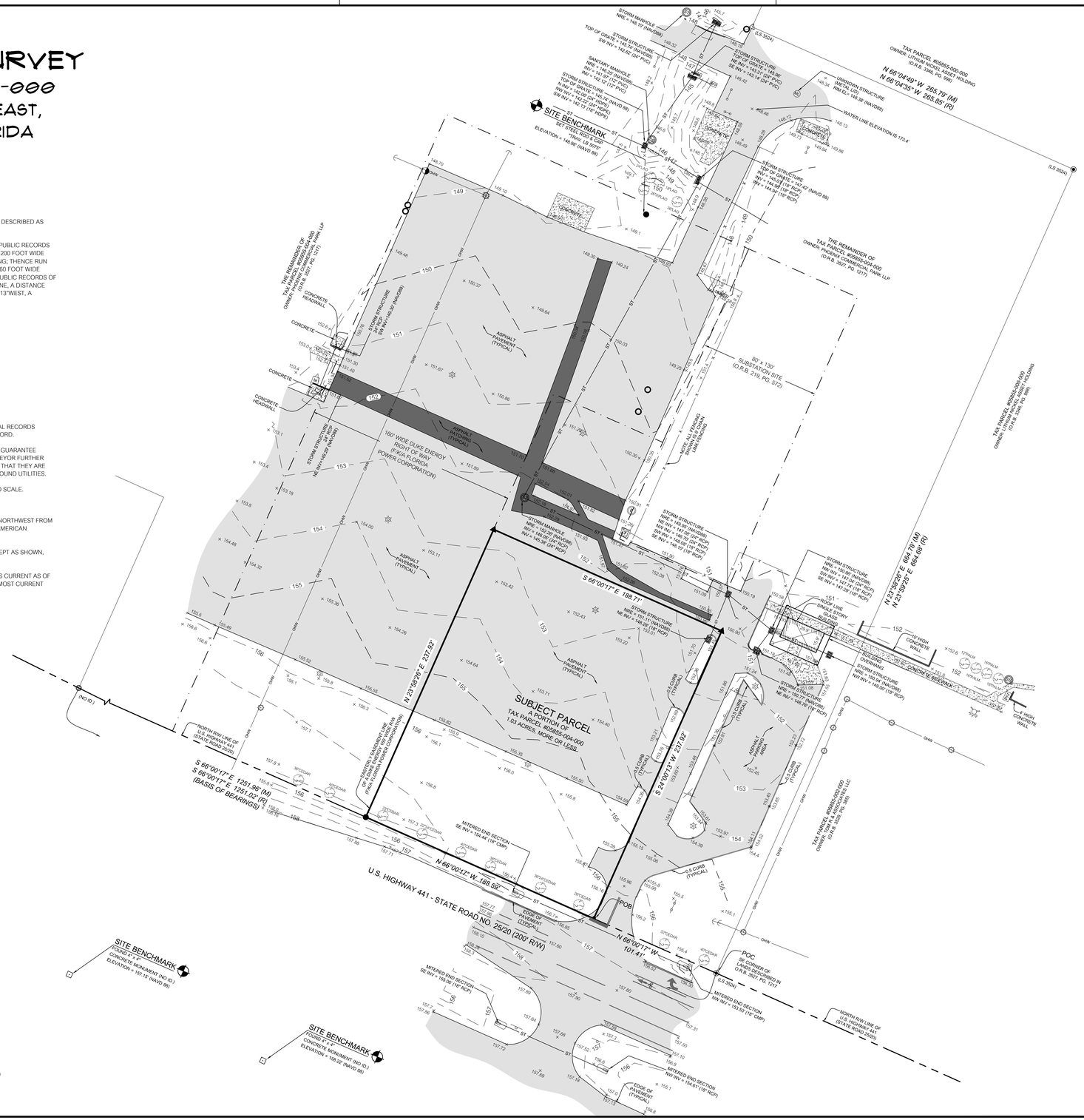
1. BEARINGS SHOWN HEREON ARE BASED ON A VALUE OF SOUTH 66°00'17" EAST FOR THE SOUTH LINE OF THE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 3527, PAGE 1217 OF THE PUBLIC RECORDS OF ALACHUA COUNTY OF FLORIDA, SAID BEARING IS IDENTICAL WITH THE DEED OF RECORD.
2. NO UNDERGROUND INSTALLATION OF UTILITIES OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
3. FENCING, SYMBOLS AND UTILITIES SHOWN HEREON MAY BE EXAGGERATED FOR PICTORIAL PURPOSES ONLY AND MAY NOT BE SHOWN TO SCALE.
4. THE SURVEYOR HAS NO KNOWLEDGE OF UNDERGROUND FOUNDATIONS WHICH MAY ENCROACH.
5. VERTICAL DATUM BASED ON THE TOP OF A CONCRETE MONUMENT, STAMPED F 51 1934 WITH A PID OF "AR0296" AND LOCATED 1.4 MILES NORTHWEST FROM HAGUE, 0.3 MILES EAST OF MILEPOST RB 728. SAID CONCRETE MONUMENT HAS A PUBLISHED ELEVATION OF 138.76 FEET AS PER NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
6. NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY, AND OR OWNERSHIP WERE FURNISHED TO THE SURVEYOR EXCEPT AS SHOWN, AND NO SEARCH OF THE PUBLIC RECORDS HAS BEEN DONE BY THE SURVEYOR.
7. 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.
8. ADDITIONAL POINTS MAY BE FOUND BY TURNING ON THE NODE* AND Z-* LAYERS IN THE SUPPLIED DIGITAL FILE.

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. 140 OF 640, COMMUNITY PANEL NO. *120001 0140 D, EFFECTIVE DATE: JUNE 16, 2006.

N

GRAPHIC SCALE
0 20 40 80



LEGEND:

(D) = DATA BASED ON DEED OF RECORD
(M) = DATA BASED ON FIELD MEASUREMENTS
POC = POINT OF COMMENCEMENT
POB = POINT OF BEGINNING
R/W = RIGHT OF WAY
FEMA = FEDERAL EMERGENCY MANAGEMENT AGENCY
F.I.R.M. = FLOOD INSURANCE RATE MAP
O.R.B. = OFFICIAL RECORDS BOOK
PG. = PAGE
INV = INVERT
RCP = REINFORCED CONCRETE PIPE
CMP = CORRUGATED METAL PIPE
HDPE = HIGH DENSITY POLYETHYLENE
NRE = NORTH RIM ELEVATION
ID. = IDENTIFICATION
EL. = ELEVATION
F/K/A = FORMERLY KNOWN AS
PALM = PALM TREE
LAO = LAUREL OAK TREE
PALM = PALM TREE
= SET NAIL AND DISK "LB 5075"
= SET 5/8" STEEL ROD AND CAP "LB 5075"
= FOUND 4"X4" CONCRETE MONUMENT (MARKED AS NOTED)
= FOUND 3/4" IRON PIPE (MARKED AS NOTED)
= FOUND 5/8" STEEL ROD AND CAP (MARKED AS NOTED)
= WOODEN POWER POLE
= METAL LIGHT POLE
= METAL SIGN
= OVERHEAD PIPES (STAND)
= GUY POLE
= TRANSFORMER
= POST INDICATOR VALVE
= FIRE HYDRANT
= BOLLARD
= ELECTRIC MANHOLE
= METAL LID (CONTENTS UNKNOWN)
= STORM SEWER MANHOLE
= SANITARY SEWER MANHOLE
= CATCH BASIN/STORM INLET
= MITERED END SECTION
= TREE (MARKED AS NOTED)
= 24" STOP BAR STRIPING
= SOLID PAVEMENT STRIPING
= DASHED PAVMENT STRIPING
= PAVEMENT MARKING (BIKE LANE)
PAVEMENT MARKING (TURN ARROW)
= OVERHEAD ELECTRIC WIRE
= GUY WIRE
= BENCHMARK
= CONTOUR LINE
X 155.5 = SPOT ELEVATION (PERVIOUS SURFACE)
X 155.45 = SPOT ELEVATION (IMPERVIOUS SURFACE)
= CONCRETE SURFACE
= ASPHALT SURFACE

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SCALE: 1" = 40'
VERIFY SCALE
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CERTIFIED TO:
ALACHUA COUNTY BOARD OF COUNTY COMMISSIONERS

SURVEY DATE: 11-08-2018
REVISION DATE: N/A
PROJECT NUMBER: 18-0031
TECHNICIAN: NAD
ORDER CHIEF: NAD
FIELD BOOK & PAGE: 557/55-56
DRAWN BY: MJH

AARON H. HICKMAN
Professional Surveyor & Mapper Fla. License No. 6791

This map prepared by:
Certificate of Authorization No. LB. 5075
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

SHEET NO.: 1 OF 1

GENERAL NOTES

1. THE TOPOGRAPHIC AND EXISTING INFORMATION SHOWN HEREON WERE TAKEN FROM A BOUNDARY & TOPOGRAPHIC SURVEY PREPARED BY CHW, AND DATED NOVEMBER 8, 2018.

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. 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.

12. 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.

13. 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.

14. 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.

15. ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

16. THE GOVERNING STANDARDS AND SPECIFICATIONS, UNLESS STATED OTHERWISE SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS (FY 2018-19 ROAD CONSTRUCTION), AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 2018, AS AMENDED BY CONTRACT DOCUMENTS. ALL MATERIALS AND METHODS SHALL MEET FDOT SPECIFICATIONS AND SHALL BE PRODUCED OR OBTAINED FROM AN FDOT APPROVED SOURCE.

17. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.

18. 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.

19. ALL HANDICAP RAMPS SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE AND AMERICANS WITH DISABILITIES ACT.

20. A PRE-CONSTRUCTION CONFERENCE SHALL BE REQUIRED. THE CONTRACTOR, ENGINEER OF RECORD, AND THE OWNER SHALL MEET WITH THE CITY OF ALACHUA COUNTY PUBLIC SERVICE DEPARTMENT PRIOR TO INITIATION OF SITE CONSTRUCTION.

21. ANY CHANGE ORDER REQUESTS, SITE REVISIONS, AND PAY REQUESTS MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD.

22. 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.

23. 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.).

24. 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 THE FDOT.

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. 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. 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 MORE THAN 5% 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.

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.

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

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.

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 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 ALACHUA 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.

12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING RECORD DRAWINGS AS NOTED IN NOTE #24 UNDER SITE GENERAL NOTES.

13. ALL CONCRETE USED SHALL BE 2,500 PSI MINIMUM.

14. CONTRACTOR SHALL SAW CUT, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS ANY EXISTING PAVEMENT.

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. THE LOCAL REGULATORY AGENCY IS THE CITY OF ALACHUA, DEPARTMENT OF PUBLIC SERVICE.

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. 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.

6. 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.

7. 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.

8. ALL WATER MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.

9. RESTRAINED JOINTS SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS IN ACCORDANCE WITH AWWA STANDARDS.

10. ALL PVC WATER SERVICE LINES SHALL BE SCH 40 PVC.

11. THE SITE WORK CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED UNDERGROUND UTILITY AND EXCAVATION CONSTRACTOR TO INSTALL THE NEW WATER SERVICE LINE.

12. 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.

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 (JULY 2018).
B. FDOT STANDARD PLANS (FY 2018-19 ROAD CONSTRUCTION)
C. FDOT DESIGN MANUAL (2018)
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 LESS THAT THE DEPARTMENT'S MINIMUM STANDARD BE ALLOWED.

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).

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SCALE: N/A
VERIFY SCALE BAR IS 1" INCH ON THIS DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/06/18 CITY OF ALACHUA
12/21/18 CITY OF ALACHUA
04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT
PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #25
SHEET TITLE: GENERAL NOTES

TECHNICIAN: T.F. COWART
DESIGNER: M. HEATHCOCK, P.E.
QA/QC: M. HEATHCOCK, P.E.
PM: D.H. YOUNG, P.E.
PROJECT NUMBER: 18-0031

MONIQUE M. HEATHCOCK
FL PE No. 54352

SHEET NO.: C0.10

Tech: bethcp Plot Date: May 23,2019 8:21am Filename: W:\2018\18-0031\Engineering\CHWCA\Production Files\18-0031 C0.dwg

ABBREVIATIONS

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

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.

PARKING BY DISABLED PERMIT ONLY	FTP-20-06 (12" X 18") PER FDOT INDEX NO. 700-102
STOP	R1-1 "STOP" - SEE PLANS FOR SIZE

SITE INFORMATION

	EX. PROPERTY LINE
	LANDSCAPE BUFFER LINE
	BUILDING SETBACK LINE
	WETLAND LIMITS LINE
	WETLAND SETBACK LINE
	CENTER LINE
	EASEMENT 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
99	EX. ELEVATION CONTOUR
99	PROPOSED CONTOUR
93.2×	EX. SPOT ELEVATION
93.23	PROPOSED SPOT ELEVATION
	DIRECTION OF SURFACE DRAINAGE FLOW
	PROPOSED SWALE LINE
X X	EX. FENCE
	PROPOSED FENCE
12" PINE	EX. TREE (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

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

ST ST	EX. GRAVITY STORMWATER MAIN
	PROPOSED GRAVITY STORMWATER MAIN (PIPE LENGTHS ARE FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF A STRUCTURE)
ST	EX. STORMWATER MANHOLE
N-E LOCATION TOP/RIM ELEV. LOCATION	PROPOSED 48" DIA. STORMWATER MANHOLE PER FDOT INDEX. NO. 425-001 AND 425-010
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED CIRCULAR AREA DRAIN
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED SQUARE AREA DRAIN
N-E LOCATION TOP ELEV. LOCATION	PROPOSED TYPE 1 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)
N-E LOCATION TOP ELEV. LOCATION	PROPOSED TYPE 2 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)
N-E LOCATION TOP ELEV. LOCATION	PROPOSED TYPE 3 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)
N-E LOCATION TOP ELEV. LOCATION	PROPOSED TYPE 4 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)
N-E LOCATION TOP ELEV. LOCATION	PROPOSED TYPE 5 CURB INLET TOP PER FDOT INDEX NO. 425-021 (SEE PLANS FOR BOTTOM SPECIFICATION)
N-E LOCATION TOP ELEV. LOCATION	PROPOSED TYPE 6 CURB INLET TOP PER FDOT INDEX NO. 425-021 (SEE PLANS FOR BOTTOM SPECIFICATION)
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED TYPE 9 CURB INLET TOP PER FDOT INDEX NO. 425-024 (SEE PLANS FOR BOTTOM SPECIFICATION)
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED TYPE 'C' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED TYPE 'D' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED TYPE 'E' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED TYPE 'F' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR BOTTOM SPECIFICATION)
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED TYPE 'G' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR BOTTOM SPECIFICATION)
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED TYPE 'H' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
N-E LOCATION TOP/GRATE ELEV. LOCATION	PROPOSED TYPE 'J' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-054 (SEE PLANS FOR BOTTOM SPECIFICATION)
PIPE INV. LOCATION / N-E LOCATION	PROPOSED U-TYPE CONCRETE ENDWALLS WITH GRATES PER FDOT INDEX NO. 430-010 (SEE PLANS FOR SIZE)
N-E LOCATION INV. ELEV. LOCATION	PROPOSED FLARED END SECTION PER FDOT INDEX NO. 430-020 (SEE PLANS FOR SIZE)
N-E LOCATION PIPE INV. ELEV. LOCATION	PROPOSED CROSS DRAIN MITERED END SECTION PER FDOT INDEX NO. 430-021 (SEE PLANS FOR SIZE)
N-E LOCATION PIPE INV. ELEV. LOCATION	PROPOSED SIDE DRAIN MITERED END SECTION PER FDOT INDEX NO. 430-022 (SEE PLANS FOR SIZE)
S-10	PROPOSED STORMWATER STRUCTURE ID TAG

POTABLE AND RECLAIMED WATER

W W	EX. POTABLE WATER MAIN
P-W	PROPOSED POTABLE WATER MAIN
RCW RCW	EX. RECLAIMED WATER MAIN
P-RCW	PROPOSED RECLAIMED WATER MAIN
	11.25° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
	22.5° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
	45° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
	90° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
	TEE (POTABLE AND RCW)
	CROSS (POTABLE AND RCW)
	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)
	EX. FIRE HYDRANT ASSEMBLY
	PROPOSED FIRE HYDRANT ASSEMBLY
	PROPOSED SAMPLE POINT
	EX. WATER METER (POTABLE AND RCW)
	PROPOSED POTABLE WATER METER
	PROPOSED POTABLE WATER BACK FLOW PREVENTER
	PROPOSED RECLAIMED WATER METER
W	EX. WATER WELL
	EX, HOSE BIB (POTABLE AND RECLAIMED)
	PROPOSED HOSE BIB (POTABLE AND RECLAIMED)
11	PROPOSED FITTING ID TAG (POTABLE AND RECLAIMED)

WASTEWATER

WW WW	EX. GRAVITY WASTEWATER MAIN
P-WW	PROPOSED GRAVITY WASTEWATER MAIN (PIPE LENGTHS ARE FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF A STRUCTURE)
FM FM	EX. WASTEWATER FORCE MAIN
P-FM	PROPOSED WASTEWATER FORCE MAIN
SS	EX. WASTEWATER MANHOLE
N-E LOCATION RIM ELEV. LOCATION	PROPOSED WASTEWATER MANHOLE
	EX. WASTEWATER CLEANOUT
	PROPOSED WASTEWATER CLEANOUT
	PROPOSED WASTEWATER GREASE TRAP
MH#	PROPOSED WASTEWATER MANHOLE ID
	11.25° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
	22.5° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
	45° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
	90° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
	WYE W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
	EX. PLUG VALVE AND BOX (WW FORCE MAIN)
	PROPOSED PLUG VALVE AND BOX (WW FORCE MAIN)
	EX. AIR RELEASE VALVE (WW FORCE MAIN)
	PROPOSED AIR RELEASE VALVE (WW FORCE MAIN)

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.

P-ATT	PROPOSED AT&T LINE
BC BC	EX. BURIED CABLE LINE
P-BC	PROPOSED BURIED CABLE LINE
BTEL	EX. BURIED TELEPHONE LINE
P-TEL	PROPOSED TELEPHONE LINE
CATV	EX. CABLE TELEVISION LINE
P-TV	PROPOSED CABLE/TELEVISION LINE
FO FO	EX. FIBER OPTIC LINE
UGTEL	EX. UNDERGROUND TELEPHONE LINE
te	EX. TELEPHONE PEDESTAL
	EX. TELEVISION/CABLE PEDESTAL
CHW CHW	EX. CHILLED WATER MAIN
P-CHW	PROPOSED CHILLED WATER MAIN
FIRE	EX. FIRE MAIN
P-FIRE	PROPOSED FIRE MAIN
IRR IRR	EX. IRRIGATION LINE
P-IRR	PROPOSED IRRIGATION LINE
STEAM	EX. STEAM LINE
P-STEAM	PROPOSED STEAM LINE
P-CLAY	PROPOSED CLAY ELECTRIC LINE
E E	EX. ELECTRIC LINE
P-E	PROPOSED ELECTRIC LINE
EN EN	EX. ENERGY LINE
P-LIGHT	PROPOSED PRIVATE LIGHTING LINE
OHW OHW	EX. OVERHEAD WIRE LINE
UGE UGE	EX. UNDERGROUND ELECTRIC LINE
	EX. LIGHT
	EX. UTILITY POLE
	EX. UTILITY POLE
	EX. WOOD POWER POLE
	EX. GUY ANCHOR
T	PROPOSED TRANSFORMER
GAS GAS	EX. GAS LINE
P-GAS	PROPOSED GAS LINE
G	EX. GAS MARKER
G	EX. GAS MARKER

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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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/06/18 CITY OF ALACHUA
12/18/18 CITY OF ALACHUA
04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #25

SHEET TITLE: LEGEND

TECHNICIAN: T.F. COWART
DESIGNER: M. HEATHCOCK, P.E.
QUALITY CONTROL: D.H. YOUNG, P.E.
PROJECT NUMBER: 18-0031

MONIQUE M. HEATHCOCK

FL PE No. 54352

SHEET NO.: C0.11

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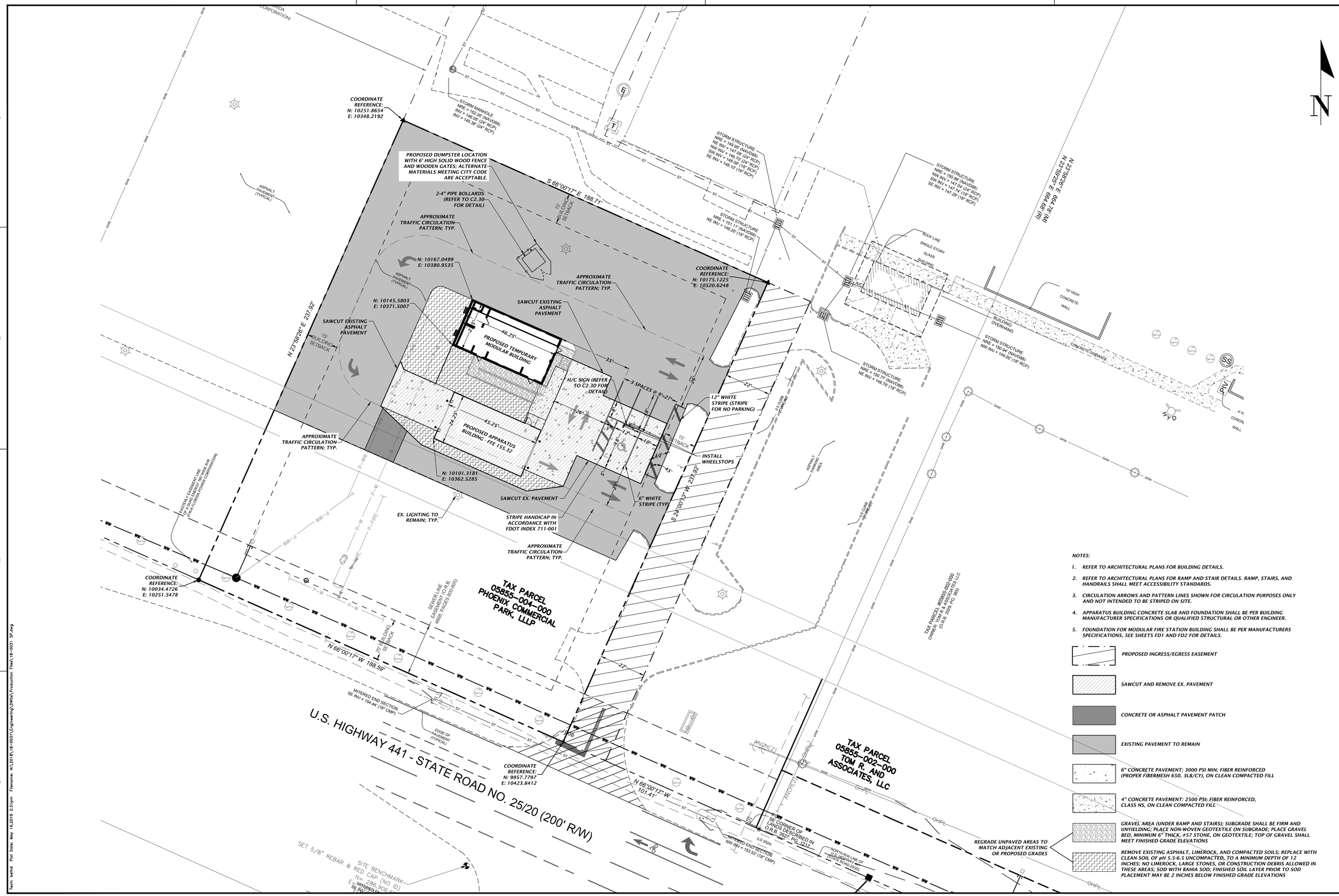

NOTES:

1. REFER TO ARCHITECTURAL PLANS FOR BUILDING DETAILS.
2. REFER TO ARCHITECTURAL PLANS FOR RAMP AND STAIR DETAILS. RAMP, STAIRS, AND HANDRAILS SHALL MEET ACCESSIBILITY STANDARDS.
3. CIRCULATION ARROWS AND PATTERN LINES SHOWN FOR CIRCULATION PURPOSES ONLY AND NOT INTENDED TO BE STRIPED ON SITE.
4. APPARATUS BUILDING CONCRETE SLAB AND FOUNDATION SHALL BE PER BUILDING MANUFACTURER SPECIFICATIONS OR QUALIFIED STRUCTURAL OR OTHER ENGINEER.
5. FOUNDATION FOR MODULAR FIRE STATION BUILDING SHALL BE PER MANUFACTURERS SPECIFICATIONS, SEE SHEETS FD1 AND FD2 FOR DETAILS.

PROPOSED INGRESS/EGRESS EASEMENT

SAWCUT AND REMOVE EX. PAVEMENT

CONCRETE OR ASPHALT PAVEMENT PATCH

EXISTING PAVEMENT TO REMAIN

6" CONCRETE PAVEMENT; 3000 PSI MIN; FIBER REINFORCED (PROPER FIBERMESH 650, 3LB/CY), ON CLEAN COMPACTED FILL

4" CONCRETE PAVEMENT; 2500 PSI; FIBER REINFORCED, CLASS NS, ON CLEAN COMPACTED FILL

GRAVEL AREA (UNDER RAMP AND STAIRS); SUBGRADE SHALL BE FIRM AND UNYIELDING; PLACE NON-WOVEN GEOTEXTILE ON SUBGRADE; PLACE GRAVEL BED, MINIMUM 6" THICK, #57 STONE, ON GEOTEXTILE; TOP OF GRAVEL SHALL MEET FINISHED GRADE ELEVATIONS

REMOVE EXISTING ASPHALT, LIMEROCK, AND COMPACTED SOILS; REPLACE WITH CLEAN SOIL OF pH 5.5-6.5 UNCOMPACTED, TO A MINIMUM DEPTH OF 12 INCHES; NO LIMEROCK, LARGE STONES, OR CONSTRUCTION DEBRIS ALLOWED IN THESE AREAS; SOD WITH BAHIA SOD; FINISHED SOIL LAYER PRIOR TO SOD PLACEMENT MAY BE 2 INCHES BELOW FINISHED GRADE ELEVATIONS

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CONSTRUCTION/BID REVISIONS:

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12/06/18 CITY OF ALACHUA
01/14/19 CITY OF ALACHUA
04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #25

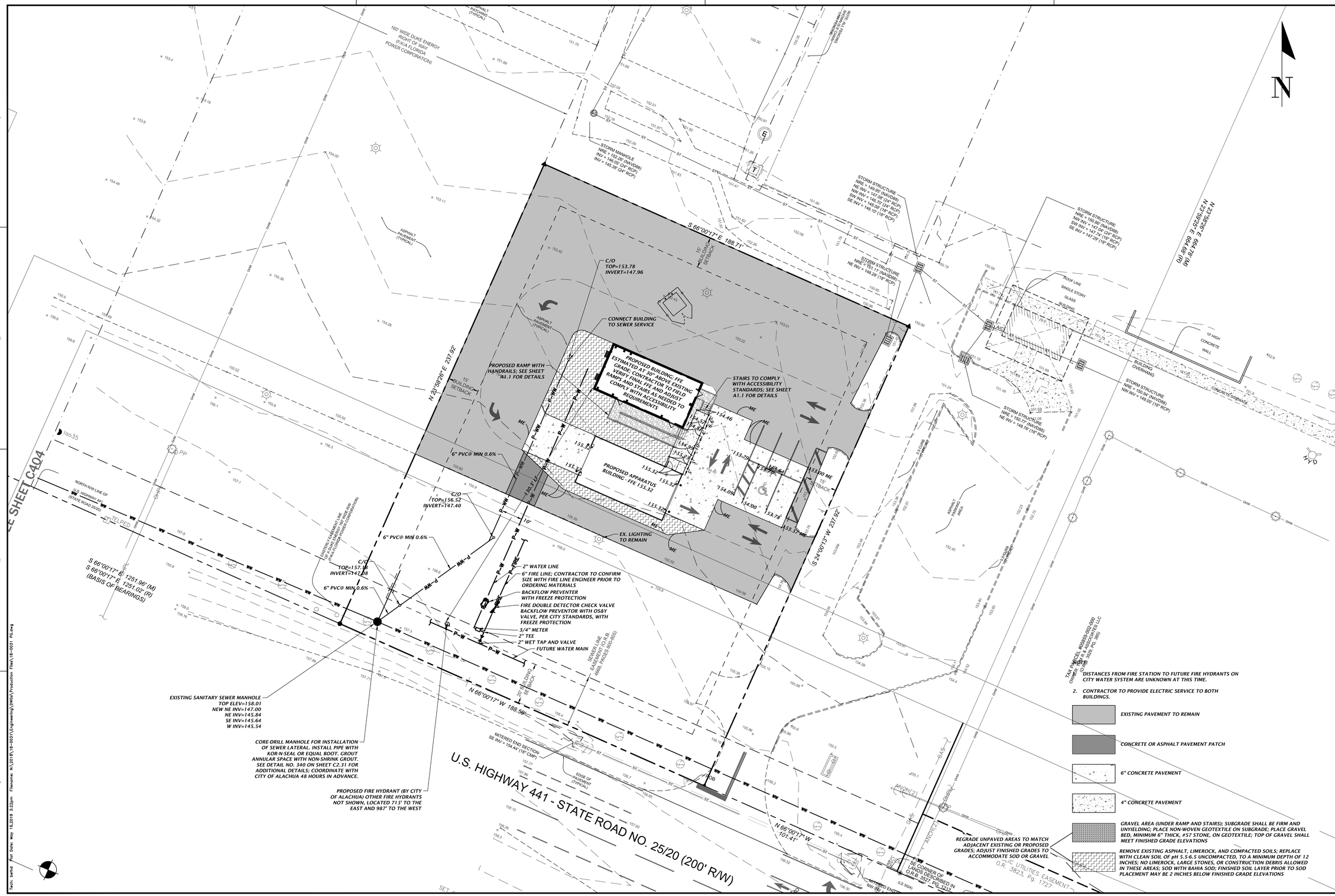
SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN

TECHNICIAN: T.F. COWART
DESIGNER: M. HEATHCOCK
QUALITY CONTROL: D.H. YOUNG, P.E.
PROJECT NUMBER: 18-0031

MONIQUE M. HEATHCOCK

FL PE No. 54352

SHEET NO.: C1.10



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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
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04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #25

SHEET TITLE: DETAILED GRADING, DRAINAGE, AND UTILITY PLAN

TECHNICIAN: T.F. COWART
DESIGNER: M. HEATHCOCK, P.E.
REVIEWER: M. HEATHCOCK, P.E.
PROJ. CONTROL: D.R. YOUNG, P.E.
PROJECT NUMBER: 18-0031

MONIQUE M. HEATHCOCK

FL PE No. 54352

SHEET NO.: C2.10

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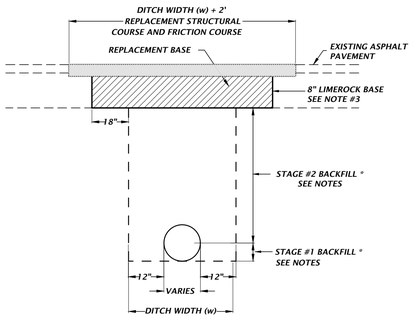

NOTES:

1. IN STAGE #1, CONSTRUCT COMPACTED FILL BENEATH THE HAUNCHES OF THE PIPE, USING MECHANICAL TAMPS SUITABLE FOR THIS PURPOSE. THIS COMPACTION APPLIES TO THE MATERIAL PLACED BENEATH THE HAUNCHES OF THE PIPE AND ABOVE ANY BEDDING.

2. IN STAGE #2, CONSTRUCT COMPACTED FILL ALONG THE SIDES OF THE PIPE AND UP TO THE BOTTOM OF THE BASE, WITH THE UPPER 12" RECEIVING TYPE B STABILIZATION. IN LIEU OF TYPE B STABILIZATION, THE CONTRACTOR MAY CONSTRUCT USING OPTIONAL BASE GROUP 3.

3. NEW 8" LIMEROCK BASE SHALL BE COMPACTED TO NOT LESS THAN 98% OF MAX DENSITY AS SPECIFIED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION 200-7.2. THE WIDTH OF THE LIMEROCK BASE SHALL BE THE WIDTH OF THE PIPE TRENCH PLUS 18" ON BOTH SIDES SEE DETAIL.

4. UNLESS OTHERWISE SPECIFIED, MATERIALS AND METHODS OF OPERATION REQUIRED TO INSTALL NEW AND REPLACEMENT PAVEMENT SHALL BE IN ACCORDANCE WITH THE LATEST APPLICABLE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

5. PAVEMENT SHALL BE REMOVED TO NEATLY SAWED STRAIGHT EDGES.

6. THE TYPE AND THICKNESS OF THE NEW SURFACE MATERIAL SHALL BE CONSISTENT WITH THAT OF THE EXISTING SURFACE, BUT IN ALL CASES SHALL MEET THE MINIMUM STANDARDS ESTABLISHED BY THE PLANS AND SPECIFICATIONS.

7. THE BACKFILLING AND PAVEMENT REPLACEMENT MUST BE DONE IN ACCORDANCE WITH FDOT INDEX 125-001.

TRENCH WIDTH PAVEMENT AND BACKFILLING REPLACEMENT

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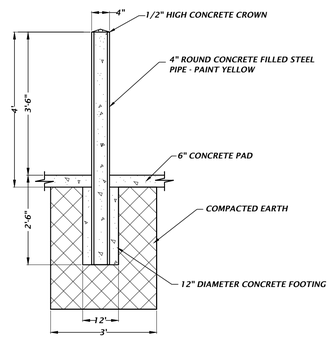
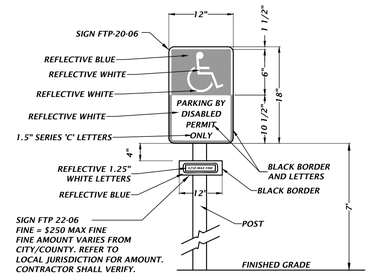


PIPE BOLLARD DETAIL

NTS

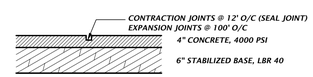


SIGN NOTES:

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

H.C. PARKING SIGN DETAIL

NTS



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

STANDARD DUTY CONCRETE DETAIL

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/06/18 CITY OF ALACHUA
12/21/18 CITY OF ALACHUA
04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #25

SHEET TITLE: CONSTRUCTION DETAILS

TECHNICIAN: T.F. COWART
DESIGNER: M. HEATHCOCK, P.E.
QUALITY CONTROL: D.H. YOUNG, P.E.
PROJECT NUMBER: 18-0031

MONIQUE M. HEATHCOCK

FL PE No. 54352

SHEET NO.: C2.30

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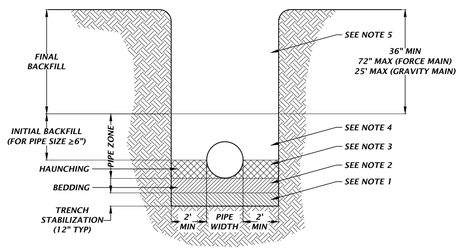
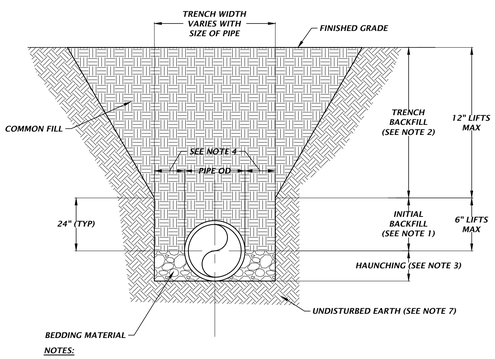


NOTES:

1. TRENCH STABILIZATION SHALL BE PROVIDED TO A DEPTH OF 12-INCHES. THE MATERIAL SHALL BE NO. 57 STONE.
2. BEDDING SHALL BE A MINIMUM OF 6-INCHES AND COMPOSED OF IMPORTED GRANULAR FILL. COMPACT TO 95% STANDARD PROCTOR, AASHTO T-99.
3. HAUNCHING PORTION OF THE PIPE ZONE SHALL BE PLACED TO THE SPRINGLINE OF THE PIPE AND COMPOSED OF IMPORTED GRANULAR FILL. COMPACT TO 95% STANDARD PROCTOR AASHTO T-99.
4. INITIAL BACKFILL : COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180. FROM THE SPRINGLINE OF THE PIPE TO TWO (2) FEET ABOVE THE PIPE, THE SOIL SHALL BE CAREFULLY BACKFILLED IN 6-INCH LIFTS AND THE SOIL CONSOLIDATED WITH THE HAND OPERATED TAMPING MACHINE (OR AS REQUIRED BY CITY, COUNTY, OR STATE INSPECTORS).
5. FINAL BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180. AFTER PLACEMENT AND COMPACTION OF THE INITIAL BACKFILL, THE BALANCE OF THE BACKFILL MATERIAL MAY BE MACHINE PLACED OR AS REQUIRED BY THE INSPECTOR AND SHALL NOT CONTAIN ANY ROCKS OR DEBRIS.
6. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
7. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECION OF THE FLOW.
8. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. UTILITIES SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION. THE BOTTOM OF THE TRENCH SHALL NOT BE EXCAVATED BELOW THE SPECIFIED GRADE. IF UNDERCUTTING OCCURS, THE BOTTOM OF THE TRENCH SHALL BE BROUGHT UP TO THE ORIGINAL GRADE WITH APPROVED MATERIAL AND THOROUGHLY COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR.
9. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES.

DETAIL No. 410 - BACKFILL OVER PIPE/PAVEMENT REPAIR DETAIL

NTS



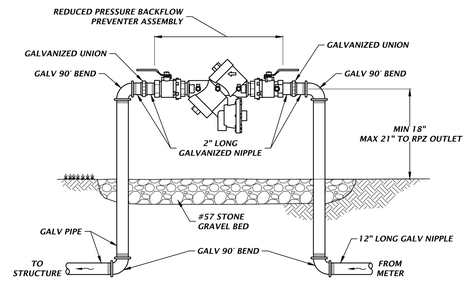
NOTES:

1. INITIAL BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180. FROM THE SPRINGLINE OF THE PIPE TO TWO (2) FEET ABOVE THE PIPE THE SOIL SHALL BE CAREFULLY BACKFILLED IN 6" LIFTS AND THE SOIL CONSOLIDATED WITH A HAND OPERATED TAMPING MACHINE (OR AS REQUIRED BY CITY, COUNTY, OR STATE INSPECTORS).
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180. AFTER PLACEMENT AND COMPACTION OF THE INITIAL BACKFILL, THE BALANCE OF THE BACKFILL MATERIAL MAY BE MACHINE PLACED OR AS REQUIRED BY THE INSPECTOR AND SHALL NOT CONTAIN ANY ROCKS OR DEBRIS.
3. TYPE A BEDDING MATERIAL SHALL CONFORM TO FDOT NO. 57 AGGREGATE.
4. 15" MAX (12" MIN) FOR PIPE DIAMETER LESS THAN 24" AND 24" MAX (12" MIN) FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6 ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. UTILITIES SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION. THE BOTTOM OF THE TRENCH SHALL NOT BE EXCAVATED BELOW THE SPECIFIED GRADE. IF UNDERCUTTING OCCURS, THE BOTTOM OF THE TRENCH SHALL BE BROUGHT UP TO THE ORIGINAL GRADE WITH APPROVED MATERIAL AND THOROUGHLY COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR.
8. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES.

DETAIL No. 420 - BEDDING AND TRENCHING DETAIL

NTS

GENERAL DETAILS

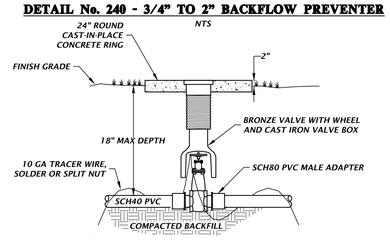


NOTE:

BACKFLOW PREVENTER ASSEMBLY MUST HAVE FREEZE PROTECTION.

DETAIL No. 240 - 3/4" TO 2" BACKFLOW PREVENTER

NTS

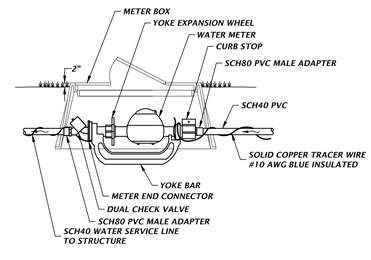


NOTES:

1. WATER VALVE BOX TOPS ARE TO BE CAST WITH THE WORD "WATER" ON TOP AND PAINTED BLUE.
2. CONCRETE PAD SHALL BE PROVIDED AROUND VALVE BOX IN UNPAVED AREAS. SEE CONCRETE PAD DETAIL.

DETAIL No. 270 - BRONZE GATE VALVE FOR WATER AND RECLAIMED WATER MAINS 2" OR SMALLER

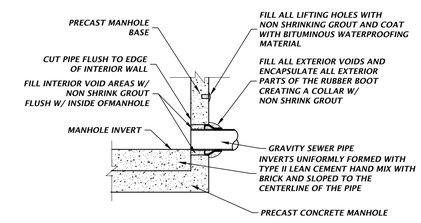
NTS



DETAIL No. 230 - 3/4" AND 1" WATER METER ASSEMBLY

NTS

WATER DETAILS



NOTE:

RUBBER BOOT, DOUBLE BANDED, 316 S/S CLAMPS, MEETING THE ASTM C923 STANDARD. Kor-N-Seal® I EX SERIES CONNECTOR WITH DOUBLE STAINLESS STEEL BANDS OR EQUAL

DETAIL No. 340 - MANHOLE PIPE CONNECTION

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WASTEWATER DETAILS

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/06/18 CITY OF ALACHUA
12/20/18 CITY OF ALACHUA
04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #25

SHEET TITLE: CITY OF ALACHUA DETAILS

TECHNICIAN: T.F. COWART
DESIGNER: M. HEATHCOCK, P.E.
QUALITY CONTROL: D.R. YOUNG, P.E.
PROJECT NUMBER: 18-0031

SHEET NO.: C2.31

GENERAL NOTES

ALL ASPHALT, LIMEROCK, AND CONSTRUCTION DEBRIS TO BE REMOVED FROM PLANTING BEDS AND AREAS TO BE SODDED PRIOR TO LANDSCAPE INSTALLATION. PLANTING DEPTH OF SOIL IN SUCH AREAS SHOULD BE AT LEAST 3'. IF FILL MUST BE ADDED, IT MUST BE FLORIDA CLEAN DEEP FILL (FREE OF WEED SEEDS) SANDY LOAM WITH pH 5.5–6.5.

CANOPY TREES SHALL BE A MINIMUM OF EIGHT (8) FEET IN HEIGHT, UNLESS OTHERWISE SPECIFIED BY THE LANDSCAPE ARCHITECT.

ALL TREES TO BE PLANTED 1"–2" ABOVE FINISHED GRADE.

ALL LANDSCAPED AREAS TO BE MULCHED WITH 3" THICKNESS OF MULCH. PINE BARK MULCH SHALL BE USED IN ALL AREAS.

LEADER SHOOTS AND MAIN STRUCTURAL LIMBS OF TREES WILL NOT BE TOPPED OR PRUNED. TREES TO BE STAKED AS NEEDED, GUYLINES TO BE NON–SYNTHETIC BIODEGRADABLE MATERIAL.

OWNER SHALL BE RESPONSIBLE FOR (1) THE SURVIVAL OF THE LANDSCAPING ELEMENTS AND (2) REMOVAL OF ALL STAKING SYSTEMS WITHIN ONE YEAR. TREES WILL BE STAKED ONLY IF NECESSARY, AND IF STAKED, BIODEGRADABLE TWINE WILL BE USED.

GRASSING

ALL DISTURBED AND UNPAVED AREAS TO BE GRASSED WITH NOXIOUS WEED AND TROPICAL SODA APPLE FREE SOD OR SEEDED AND MULCHED. SEE CIVIL SITE PLANS FOR ADDITIONAL RELATED INFORMATION.

PLANT MATERIAL

ALL PLANT MATERIAL TO BE FLORIDA NO.1 OR BETTER, GRADED IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS PUBLISHED BY THE STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.

10% OPEN SPACE REQUIREMENT

CITY OF ALACHUA LDR SECTION 6.7.3 (A) STATES THAT THE MINIMUM OPEN SPACE SET ASIDE SHALL BE 10% OF THE DEVELOPMENT SITE. SEE CIVIL PLANS FOR OPEN SPACE CALCULATIONS.

IRRIGATION

LANDSCAPE IRRIGATION TO BE PROVIDED BY AUTOMATIC IRRIGATION SYSTEM IN ACCORDANCE WITH CITY OF ALACHUA LDR SECTION 6.2.2(D)(6)(B)(VI). SEE SHEET IR–1 FOR THE IRRIGATION DIAGRAM.

30% LANDSCAPED AREA REQUIREMENT

PER CITY OF ALACHUA COMPREHENSIVE PLAN FUTURE LAND USE ELEMENT, OBJECTIVE 2.4, POLICY 2.4.A

TOTAL SITE AREA.....	44,884 S.F.
TOTAL PROPOSED LANDSCAPED AREA.....	17,278 S.F.
LANDSCAPED AREA % OF TOTAL SITE AREA..... (MIN. 30%)	38.5%

PARKING AREA LANDSCAPE REQUIREMENTS [Sec. 6.2.2(D)(2)(a) & (b)]

DESCRIPTION	LANDSCAPE REQUIRED	LANDSCAPE PROVIDED
PARKING AREA PERIMETER LANDSCAPE	SOUTHERN PERIMETER = 176 L.F. NORTHERN PERIMETER = 188 L.F. EASTERN PERIMETER = 95 L.F. REQUIREMENTS 4 CANOPY TREES PER 100 L.F. 2 UNDERSTORY/ORNAMENTAL TREES PER 100 L.F. CONTINUOUS ROW OF SHRUBS SOUTHERN PERIMETER 7 CANOPY TREES REQUIRED 3 UNDERSTORY TREES REQUIRED CONTINUOUS ROW OF SHRUBS NORTHERN PERIMETER 8 CANOPY TREES REQUIRED 4 UNDERSTORY TREES REQUIRED CONTINUOUS ROW OF SHRUBS EASTERN PERIMETER 4 CANOPY TREES REQUIRED 2 UNDERSTORY TREES REQUIRED CONTINUOUS ROW OF SHRUBS	SOUTHERN PERIMETER 7 CANOPY TREES PROVIDED 3 UNDERSTORY TREES PROVIDED CONTINUOUS ROW OF SHRUBS PROVIDED NORTHERN PERIMETER SEE ALTERNATIVE COMPLIANCE NOTE (A)* EASTERN PERIMETER 4 CANOPY TREES PROVIDED 2 UNDERSTORY TREES PROVIDED CONTINUOUS ROW OF SHRUBS PROVIDED
INTERIOR PARKING AREA LANDSCAPE	PARKING AREA = 8,791 S.F. 1 TREE REQUIRED PER 1,800 S.F. 10 SHRUBS REQUIRED PER TREE REQUIRED 5 TREES REQUIRED 50 SHRUBS REQUIRED	5 TREES PROVIDED 50 SHRUBS PROVIDED

ALTERNATIVE COMPLIANCE*

ALACHUA COUNTY WISHES TO CONSTRUCT A NEW, TEMPORARY FIRE RESCUE STATION AT THE PHOENIX COMMERCIAL PARK ON AN EXISTING PARKING LOT.

DUE TO SITE SPACE CONSTRAINTS AND EXISTING CONDITIONS, THE REQUIRED AMOUNT OF LANDSCAPE CANNOT BE PLANTED ON THE PROJECT SITE. THE PROPOSED LANDSCAPE PLAN MEETS THE INTENT OF THE CITY OF ALACHUA CODE REQUIREMENTS THROUGH ALTERNATIVE METHODS.

CITY OF ALACHUA CODE SEC. 6.2.2(D)(10) STATES THAT AN ALTERNATIVE LANDSCAPE PLAN MAY BE USED "WHERE UNREASONABLE OR IMPRACTICAL SITUATIONS WOULD RESULT FROM APPLICATION OF THIS SECTION ... ALTERNATIVE PLANS, MATERIALS OR METHODS MAY BE JUSTIFIED FROM ... PHYSICAL CONDITIONS RELATED TO THE SITE. THE LOT CONFIGURATION AND EXISTING CONDITIONS MAY JUSTIFY AN ALTERNATIVE LANDSCAPE PLAN. ALLOWABLE DEVIATIONS FROM THE STANDARDS OF THIS SECTION INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

i) A REDUCTION IN THE TOTAL NUMBER OF REQUIRED TREES AND/OR ALTERATION OF THE SPACING REQUIREMENTS BETWEEN TREES WHEN UNDERGROUND CONNECTIONS TO PUBLIC FACILITIES OR PUBLIC UTILITIES, OR PUBLIC EASEMENTS OR RIGHTS–OF–WAY, ARE LOCATED UPON OR IN CLOSE PROXIMITY TO THE PARCEL OR WHENEVER A FEWER NUMBER OF TREES WOULD BE MORE DESIRABLE IN TERMS OF GOOD LANDSCAPE PLANNING PRACTICE.

(ii) A REDUCTION IN THE COUNT, SPACING, OR SPECIES DIVERSITY STANDARDS WHICH WOULD BE MORE DESIRABLE IN TERMS OF GOOD LANDSCAPE PLANNING PRACTICE CONSIDERING THE NATURE OF THE PARCEL AND ADJACENT PARCELS.

(iii) UP TO A 33 PERCENT REDUCTION IN THE TOTAL NUMBER OF REQUIRED TREES PROVIDED THAT THE CUMULATIVE CALIPER SIZE OF ALL TREES TO BE PLANTED MEETS OR EXCEEDS THE TOTAL CALIPER INCHES THAT WOULD HAVE BEEN PROVIDED OTHERWISE.

A) PARKING AREA PERIMETER LANDSCAPE AND PERIMETER BUFFER LANDSCAPE REQUIREMENTS: DUE TO SITE SPACE CONSTRAINTS AND THE CONFIGURATION OF THE EXISTING PARKING LOT, TREES AND SHRUBS, AS REQUIRED BY SECTIONS 6.2.2(D)(2)(b) AND 6.2.2(D)(3), ARE UNABLE TO BE PLANTED AROUND THE MAJORITY OF PARKING LOT AND SITE PERIMETER. THE EXISTING PARKING LOT EXTENDS TO THE EDGE OF THE PROPERTY ALONG THE NORTHERN AND WESTERN BOUNDARIES, PREVENTING THE ADDITION OF LANDSCAPE.

ALONG THE EASTERN AND SOUTHERN BOUNDARIES, LANDSCAPE HAS BEEN PROVIDED:

- EASTERN BOUNDARY: EXISTING LANDSCAPE ISLANDS PROVIDE SPACE FOR PERIMETER LANDSCAPE. FOUR CANOPY TREES AND FOUR UNDERSTORY TREES ARE PROPOSED AND SATISFY OPTION 1 OF THE TYPE "A" BASIC BUFFER REQUIREMENTS.
- SOUTHERN BOUNDARY: ALONG THE SOUTHERN PERIMETER OF THE PARKING LOT, CANOPY AND UNDERSTORY TREES AND A ROW OF SHRUBS HAVE BEEN PROVIDED.

B) ARTERIAL FRONTAGE LANDSCAPE REQUIREMENTS: LIVE OAKS (CANOPY TREE) AND CRAPE MYRTLES (UNDERSTORY TREE) HAVE BEEN PLANTED ALONG THE ARTERIAL FRONTAGE. LIVE OAKS ARE PROPOSED WITH A 40' ON CENTER SPACING, AN APPROPRIATE SPACING RECOMMENDED BY GOOD LANDSCAPE PLANNING PRACTICE. DUE TO THE SPACING REQUIREMENTS AND THE SIZE CONSTRAINTS OF THE SITE, FIVE CAN BE PLANTED ALONG THE 441 FRONTAGE. THE TREES ARE NOT IMMEDIATELY ADJACENT TO THE PROPERTY LINE ALONG 441 DUE TO THE WATER AND WASTEWATER LINES AND REQUIRED CLEARANCES BETWEEN THE TREES AND UTILITIES.

THE ROW OF BURFORD HOLLY SHRUBS ALONG THE SOUTHERN PARKING LOT PERIMETER PROVIDE A FULL OPAQUE SCREEN OF THE PARKING LOT. THIS SCREEN MEETS THE INTENT OF THE ARTERIAL FRONTAGE REQUIREMENT SECTION 6.2.3(E)(3).

SITE LANDSCAPE CALCULATIONS [Sec. 6.2.2(D)(1)(b)]

DESCRIPTION	TREE REQUIREMENTS	TREES PROVIDED
PRIMARY SIDE CANOPY TREES (SOUTH SIDE)	4 TREES PER ACRE X 1 ACRE = 4 CANOPY TREES REQUIRED	4 CANOPY TREES PROVIDED
REAR SIDE CANOPY TREES (NORTH SIDE)	3 TREES PER ACRE X 1 ACRE = 3 CANOPY TREES REQUIRED	3 CANOPY TREES PROVIDED
EAST SIDE CANOPY TREES	3 TREES PER ACRE X 1 ACRE = 3 CANOPY TREES REQUIRED	3 CANOPY TREES PROVIDED
WEST SIDE CANOPY TREES	3 TREES PER ACRE X 1 ACRE = 3 CANOPY TREES REQUIRED	3 CANOPY TREES PROVIDED
SITE UNDERSTORY TREES	8 UNDERSTORY TREES PER ACRE X 1 ACRE = 8 TREES REQUIRED 50% IN FRONT = 4 TREES REQUIRED 25% ON EAST SIDE = 2 TREES REQUIRED 25% ON WEST SIDE = 2 TREES REQUIRED 8 UNDERSTORY TREES REQUIRED	13 UNDERSTORY TREES PROVIDED FRONT: 7 UNDERSTORY TREES PROVIDED EAST: 4 UNDERSTORY TREES PROVIDED WEST: 2 UNDERSTORY TREES PROVIDED
BUILDING FACADE	46 LINEAR FEET 4 CANOPY TREES PER 100 LIN. FT. REQUIRED = 2 CANOPY TREES REQUIRED + ROW OF SHRUBS	2 CANOPY TREES PROVIDED ROW OF SHRUBS PROVIDED

PERIMETER BUFFER LANDSCAPE REQUIREMENTS [Section 6.2.2(D)(3)]

LOCATION	BUFFER LENGTH & TYPE	LANDSCAPE REQUIRED	LANDSCAPE PROVIDED
NORTHERN PERIMETER	189 L.F. BUFFER TYPE 'A'	1 CANOPY TREE PER 60 LIN. FT. = 3 CANOPY TREES REQUIRED 1 UNDERSTORY TREE PER 60 LIN. FT = 3 UNDERSTORY TREES REQUIRED	SEE ALTERNATIVE COMPLIANCE NOTE (A)*
EASTERN PERIMETER	238 L.F. BUFFER TYPE 'A'	1 CANOPY TREE PER 60 LIN. FT. = 4 CANOPY TREES REQUIRED 1 UNDERSTORY TREE PER 60 LIN. FT. = 4 UNDERSTORY TREES REQUIRED	4 CANOPY TREES PROVIDED 4 UNDERSTORY TREES PROVIDED
WESTERN PERIMETER	238 L.F. BUFFER TYPE 'A'	1 CANOPY TREE PER 60 LIN. FT. = 3 CANOPY TREES REQUIRED 1 UNDERSTORY TREE PER 60 LIN. FT = 3 UNDERSTORY TREES REQUIRED	SEE ALTERNATIVE COMPLIANCE NOTE (A)*

ARTERIAL FRONTAGE LANDSCAPE REQUIREMENTS [Section 3.7.2(C)5(d) and Section 6.2.3(E)]

LOCATION	BUFFER LENGTH & TYPE	LANDSCAPE REQUIRED	LANDSCAPE PROVIDED
441 FRONTAGE	189 L.F.	4 CANOPY TREES PER 100 LIN. FT = 8 CANOPY TREES REQUIRED 3 UNDERSTORY TREES PER 100 LIN. FT. = 6 UNDERSTORY TREES REQUIRED CONTINUOUS ROW OF SHRUBS	SEE ALTERNATIVE COMPLIANCE NOTE (B)*

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SCALE: N/A

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/06/18 CITY OF ALACHUA
12/28/18 CITY OF ALACHUA
04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA
05/23/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

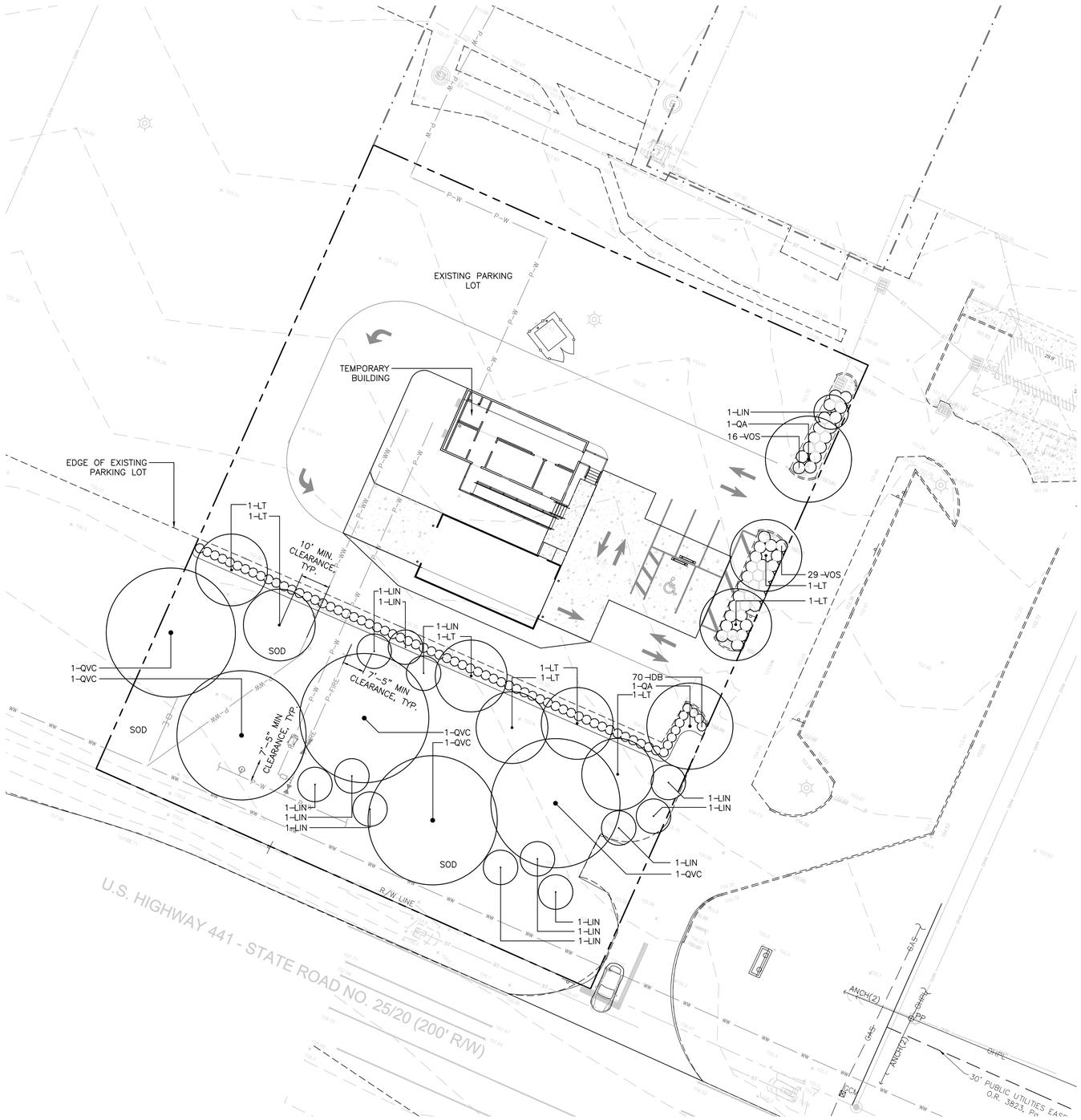
PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #22

SHEET TITLE: LANDSCAPE NOTES

TECHNICIAN: SK
DESIGNER: SK
QUALITY CONTROL: CT
PROJECT NUMBER: 18–0031

SHEET NO.: LS–1

Tech: sarak Plot Date: May 22,2019 2:58pm Filename: N:\2018\18-0031\Design\03_Production\03_SDP\02_Current\18-0031 Design Base.dwg

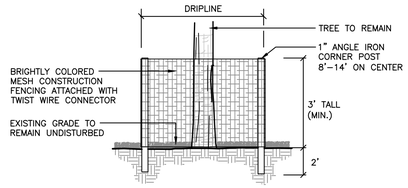


LEGEND

NEW TREES TO BE ADDED

1-QV

EXISTING TREES TO REMAIN



1 TREE PROTECTION DETAIL
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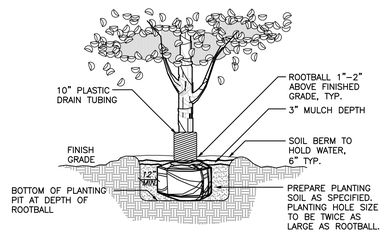

2 TREE PLANTING DETAIL
SCALE: N.T.S.

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
LIN	13	LAGERSTROEMIA INDICA 'NATCHEZ'	NATCHEZ CRAPE MYRTLE	1.5" CALIPER, MIN.
LT	8	LIRIODENDRON TULIPIFERA	TULIP TREE	8' HEIGHT, MIN.
QA	2	QUERCUS AUSTRINA	BLUFF OAK	8' HEIGHT, MIN.
QVC	5	QUERCUS VIRGINIANA 'CATHEDRAL'	CATHEDRAL LIVE OAK	8' HEIGHT, MIN.
SHRUBS	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**
IDB	70	ILEX CORNUTA 'DWARF BURFORDII'	DWARF BURFORD HOLLY	3 GAL, 24" HT X 16" SPR
VOS	45	VIBURNUM OBOVATUM 'MRS. SHILLER'S DELIGHT'	MRS. SHILLERS DELIGHT VIBURNUM	3 GAL, 24" HT X 16" SPR
SOD/SEED		**BOTANICAL NAME**	**COMMON NAME**	**SIZE**
SOD		PASPALUM NOTATUM 'ARGENTINE'	BAHIA GRASS	WEED FREE AND SAND GROWN SOD

GRAPHIC SCALE

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/06/18 CITY OF ALACHUA
03/18/19 CITY OF ALACHUA
04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA
05/23/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #25

SHEET TITLE: LANDSCAPE PLAN

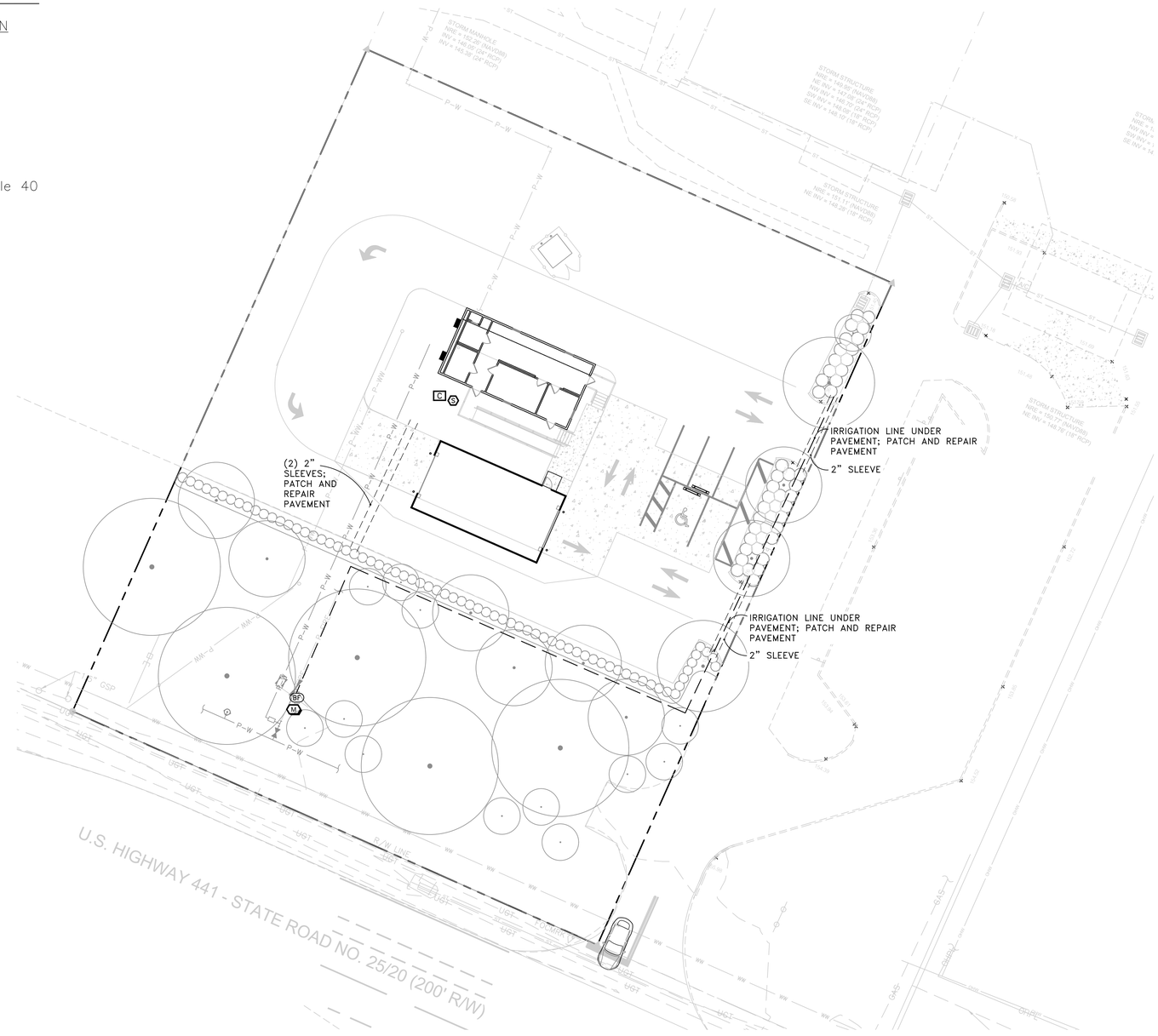
TECHNICIAN: SK
DESIGNER: SK
QUALITY CONTROL: CT
PROJECT NUMBER: 18-0031

SHEET NO.: LS-2

Tech: sarah Plot Date: May 23,2019 2:35pm Filename: N:\2018\18-0031\Design\03_Production\03_SPR\03_Cornerh\18-0031 Design Base.dwg

IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
C	Hunter Controller
S	Hunter Solar-Sync
M	Water Meter ¾"
BF	Wilkins 975XL 1"
— — — — —	Irrigation Mainline: 1-1/2" Schedule 40
- - - - - - - - - -	Irrigation Sleeve Schedule 40



GRAPHIC SCALE
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SCALE: 1"=20'
VERIFY SCALE
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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/06/18 CITY OF ALACHUA
12/18/18 CITY OF ALACHUA
04/23/19 CITY OF ALACHUA
05/16/19 CITY OF ALACHUA
05/23/19 CITY OF ALACHUA

CLIENT: ALACHUA COUNTY PUBLIC WORKS DEPARTMENT
PROJECT: ALACHUA COUNTY HAGUE FIRE STATION #23
SHEET TITLE: IRRIGATION DIAGRAM

TECHNICIAN: SK
DESIGNER: SK
QUALITY CONTROL: CT
PROJECT NUMBER: 18-0031

SHEET NO.: IR-1

Tech: scrok Plot Date: May 23,2019 2:58pm Filename: H:\2018\18-0031\Design\03_Production\03_SPR\03_Current\18-0031 Design Base-IR.dwg

STATE(S):

FLORIDA

BUILDING:	2010 FBC w/2012 SUPPLEMENTS
PLUMBING:	2010 FPC w/2012 SUPPLEMENTS
MECHANICAL:	2010 FMC w/2012 SUPPLEMENTS
ELECTRICAL:	2011 NEC
ENERGY:	2010 FBC CHAPTER 13 w/12 SUPPLEMENTS
ACCESSIBILITY:	2007 FBC CHAPTER 11 w/12 SUPPLEMENTS

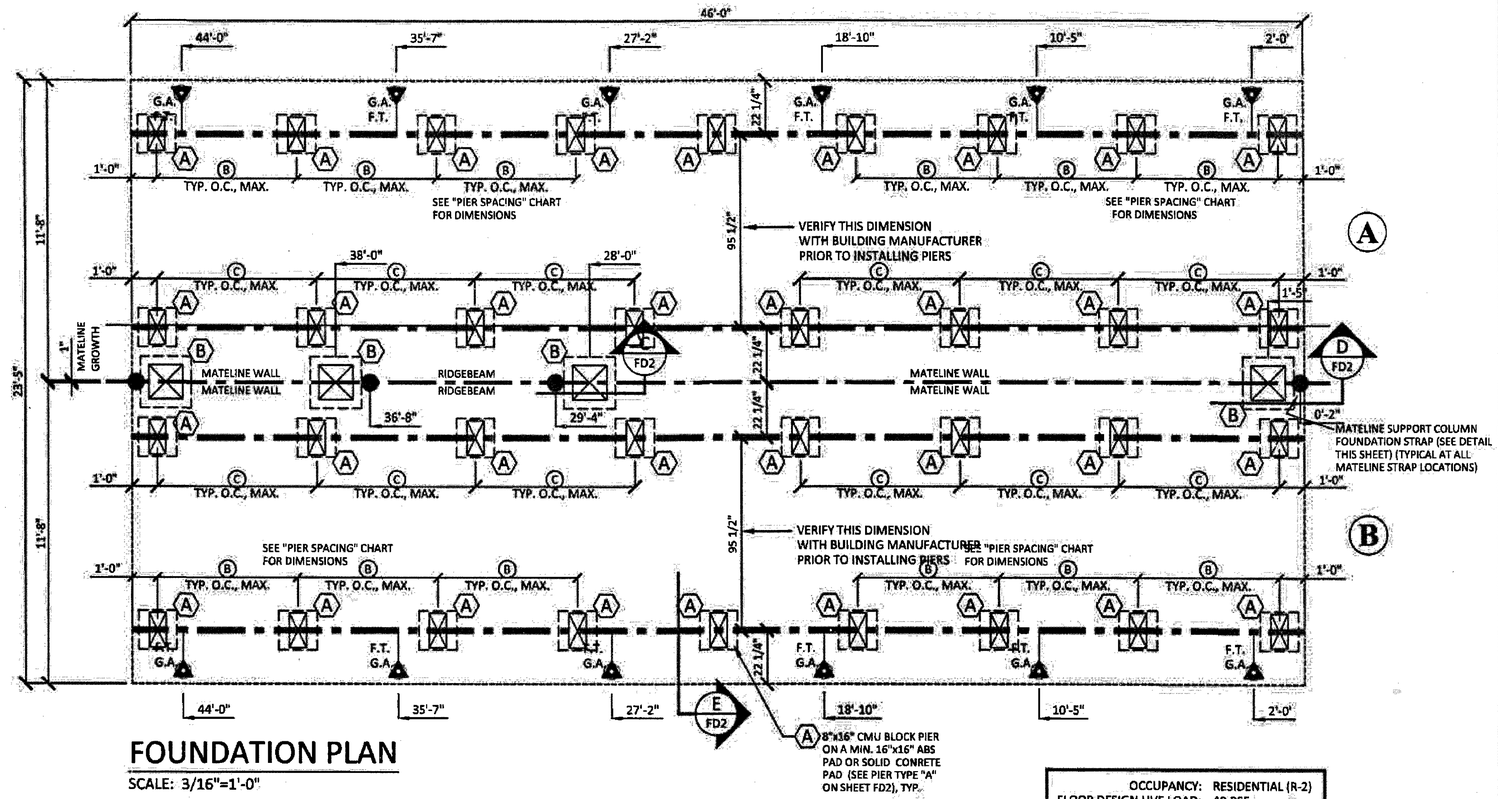
SYMBOLS:

- F.T. G.A. – FRAME TIE-DOWN FASTENED TO GROUND ANCHOR
- – MATELINE FRAME TIE-DOWN (2) STRAPS [(1) PER I-BEAM] AND (1) GROUND ANCHOR
- – OUTLINE OF BUILDING FRAME
- – CMU BLOCK PIER AND PAD BELOW

FOUNDATION NOTES:

NOTE: ALL REQUIRED BUILDING AND/OR CONSTRUCTION PERMITS MUST BE APPLIED FOR AND OBTAINED FROM THE LOCAL AUTHORITIES HAVING JURISDICTION PRIOR TO ANY WORKED BEING DONE ON THE ABOVE SHOWN FOUNDATION DESIGN.

1. THE ABOVE FOUNDATION IS DESIGNED AS PER SECTION 104.11 OF THE 2010 FBC USING ALTERNATIVE DESIGN OR METHODS OF CONSTRUCTION. THIS DESIGN MEETS OR EXCEEDS THE WIND LOAD AND SOIL BEARING REQUIREMENTS OF THIS CODE. THE APPROVAL OF THIS FOUNDATION IS SUBJECT TO THE LOCAL AUTHORITY HAVING JURISDICTION.
2. TIE-DOWN STRAPS TO BE 1-1/4" X .035 GALVANIZED STEEL FEDERAL SPECIFICATION QQS-781-H TYPE-1 FINISH-B GRADE-1. TIE-DOWN STRAPS AND CONNECTING HARDWARE TO HAVE 4,725# MINIMUM ULTIMATE CAPACITY (3,150# x 1.5).
3. ALL TIE DOWN ANCHORS SHALL HAVE A 4,725# MINIMUM ULTIMATE CAPACITY (3,150# x 1.5) AND SHALL BE INSTALLED AS PER THEIR MANUFACTURER'S SPECIFICATIONS. THE TYPE OF GROUND ANCHOR, INCLUDING SHAFT LENGTH, NUMBER AND DIAMETER OF HELIXES, ETC. TO BE SPECIFIED BY THE GROUND ANCHOR MANUFACTURER FOR THE ACTUAL SOIL TYPE THAT IS ENCOUNTERED AT THE SITE.
4. SEE ABOVE FOUNDATION LAYOUT FOR TIE-DOWN STRAP SPACING.
5. ALL PIERS SHALL BE 8"x8"x16" MASONRY BLOCKS ON EITHER AN 16"x16"x3/4" (DEEP) ABS PADS, OR 16"x16"x4" SOLID CONCRETE PADS, MIN. EXCEPT AS OTHERWISE NOTED ON FOUNDATION PLAN. SEE PIER SPACING CHART FOR ADDITIONAL SIZE OPTIONS.
6. MINIMUM SOIL BEARING CAPACITY IS 2,000 PSF. TO BE VERIFIED BY BUILDING'S OWNER.
7. IT WILL BE THE BUILDING OWNER'S RESPONSIBILITY TO INSURE THAT ALL LOOSE DEBRIS IS REMOVED FROM UNDER THE BUILDING AND THAT THE GROUND IS LEVELED AND FIRMLY COMPACTED.
8. WOOD SHIMS MAY BE INSTALLED WHEN NECESSARY, BETWEEN THE I-BEAM AND THE TOP OF THE PIER. SHIMS SHALL BE FREE OF KNOTS, CHECKS, SPLITS, AND SIMILAR IMPERFECTIONS. SHIMS SHALL BE OF P.T. LUMBER OR CEDAR AND BEARING AT ALL CONTACT POINTS.
9. MASONRY PIERS INSTALLED IN A DRY STACK SUBJECT TO LOCAL JURISDICTION AND APPROVAL.
10. OVERALL WIDTH DIMENSION IS NOMINAL AND IS BASED ON UNIT WIDTH x NUMBER OF UNITS. ACTUAL OVERALL WIDTH MAY INCREASE DUE TO SITE CONDITIONS, MATERIAL TOLERANCES. FAILURE TO REMOVE CLOSE-UP MATERIAL AND/OR OTHER FACTORS BEYOND THE CONTROL OF THE BUILDING MANUFACTURER.
11. PIER A: FIELD CONDITIONS WITH DRY STACK PIERS GREATER THAN 26" SHALL REQUIRE THE PIER TO BE CHANGED TO A PIER TYPE "B" (SEE THIS SHEET FOR DETAILS)
    PIER B: FIELD CONDITIONS WITH DRY STACK PIERS GREATER THAN 46" SHALL REQUIRE THE PIERS TO HAVE SURFACE BONDING TO A MAXIMUM OF 62" HIGH. (ANY PIERS OVER 62" HIGH WILL REQUIRE ENGINEERING BEYOND THE DESIGN OF THIS FOUNDATION.)
12. ALL MASONRY PIERS MAY BE LAID IN TYPE "M" OR "S" MORTAR IN COMPLIANCE w/ASTM C887, OR SHALL HAVE SURFACE BONDING MORTAR IN COMPLIANCE w/ASTM C 946.



FOUNDATION PLAN

SCALE: 3/16"=1'-0"

WIND: 125/97 MPH (Vult/Vasd) - EXP. C
SOIL: 2000 P.S.F.

NOTE: SEE PIER SPACING CHART THIS SHEET FOR DIFFERENT SIZE PAD OPTIONS AND THE REQUIRED SPACING. (16"x16" PAD SHOWN)

OCCUPANCY:	RESIDENTIAL (R-2)
FLOOR DESIGN LIVE LOAD:	40 PSF
ROOF LIVE LOAD:	20 PSF.
CONSTRUCTION:	TYPE V-B

NOTE: NOTE: FRAME TIES ONLY, NO OVER-THE-ROOF STRAPS REQUIRED. SEE DETAIL THIS SHEET
NOTE: NOTE: FIRST STRAP FROM END WALLS NOT TO EXCEED 2'-0".

PIER SPACING

2000 P.S.F. SOIL BEARING CAPACITY

PAD SIZE	B	C	# OF PIERS	
16"x16"	5'-6"		9	(UNDER OUTSIDE I-BEAM)
		6'-3"	8	(UNDER INSIDE I-BEAM)
18"x18"	6'-3"		8	(UNDER OUTSIDE I-BEAM)
		7'-4"	7	(UNDER INSIDE I-BEAM)
20"x20"	7'-4"		7	(UNDER OUTSIDE I-BEAM)
		8'-10"	6	(UNDER INSIDE I-BEAM)
24"x24"	11'-0"		5	(UNDER OUTSIDE I-BEAM)
		11'-0"	5	(UNDER INSIDE I-BEAM)

NOTE: ANY PIER THAT IS ON A 24"x24" PAD OR LARGER AND SPACED GREATER THAN 9'-0" O.C. MUST BE ON A 16"x16" CMU PIER

VALID

PHILIP L. WITHERINGTON LICENSE No 61884 March 21, 2014 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL PE LIC#: 61884

AAA-AFFORDABLE STRUCTURES
28400 CR 561
TAVARES, FL 32778
(352) 742-7488

FOUNDATION PLAN

DATE: 3-6-2014	BUILDING SIZE: 24'x46'	SERIAL NO.:
SCALE: 3/16"=1'-0"	DESTINATION:	DRAWING NO.: JLB-2014-0027
DRAWN BY: J.L.B.	LABEL(S): FL	PAGE: 1 of 2

REV	DATE	BY	DESCRIPTION

SHEET: FD1

PLW
PHILIP L. WITHERINGTON P.E.
2903 SHORE BLUFF COURT
TEMPLE TERRACE, FL 33637
PH: (813) 493-7599

NOTE: THIS PLAN IS GOOD FOR A PERIOD OF ONE FULL YEAR FROM THE DATE OF THE ENGINEERS SIGNATURE. AFTER THIS PERIOD THE PLANS WILL NEED TO RE-EVALUATED AND AN UPDATED PLAN PROVIDED.

PLAN NO.: OCCUP: R-2

STRUCTURAL LOAD LIMITATIONS:

FLOOR LIVE LOAD:
A. 100 PSF (CORRIDORS & FOYER)
40 PSF (OFFICES)
1000 LB. (CONCENTRATED)

ROOF LIVE LOAD:
A. 20 PSF.

ROOF SNOW LOAD: N/A

WIND LOAD:
1. 125 MPH (VULT) WIND SPEED (3-SEC GUST)
97 MPH (VASD) WIND SPEED (NOMINAL)
2. Iw = 1.0 WIND IMPORTANCE FACTOR.
BUILDING RISK CATEGORY: II (ASCE 7-10)
3. C WIND EXPOSURE CATEGORY.
4. ENCLOSURE CLASSIFICATION: ENCLOSED
GCpi = 0.18 INTERNAL PRESSURE COEFFICIENT.

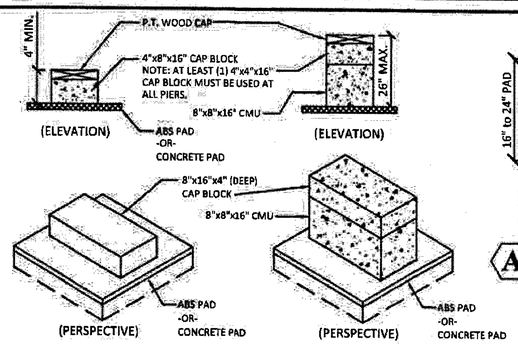
5. COMPONENT & CLADDING LOAD:
(ROOFS)
Pr = -10.00 PSF ZONE 1
Pr = -40.60 PSF ZONE 2
Pr = -58.50 PSF ZONE 3

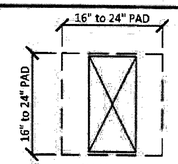
(WALLS / WINDOWS / DOORS):
Pw = -18.00 PSF ZONE 4
Pw = -34.40 PSF ZONE 5

6. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.

SEISMIC LOAD: N/A

FLOOD LOAD:
THIS BUILDING IS NOT DESIGNED TO BE SUBMERGED OR SUBJECTED TO WAVE ACTION WHEN LOCATED IN A FLOOD PRONE OR ZONE AREA. THE FINISH FLOOR ELEVATION MUST BE LOCATED ABOVE THE BUILDING SITE FLOOD PLANE LEVEL FOR THIS BUILDING TO BE LOCATED IN A FLOOD PRONE OR ZONE AREA SUBJECT TO LOCAL JURISDICTION.





SINGLE ABS PAD -OR- CONCRETE PAD SEE PIER SPACING CHART THIS SHEET BASED ON PAD SIZE

A PIER "A"
SCALE: N.T.S.

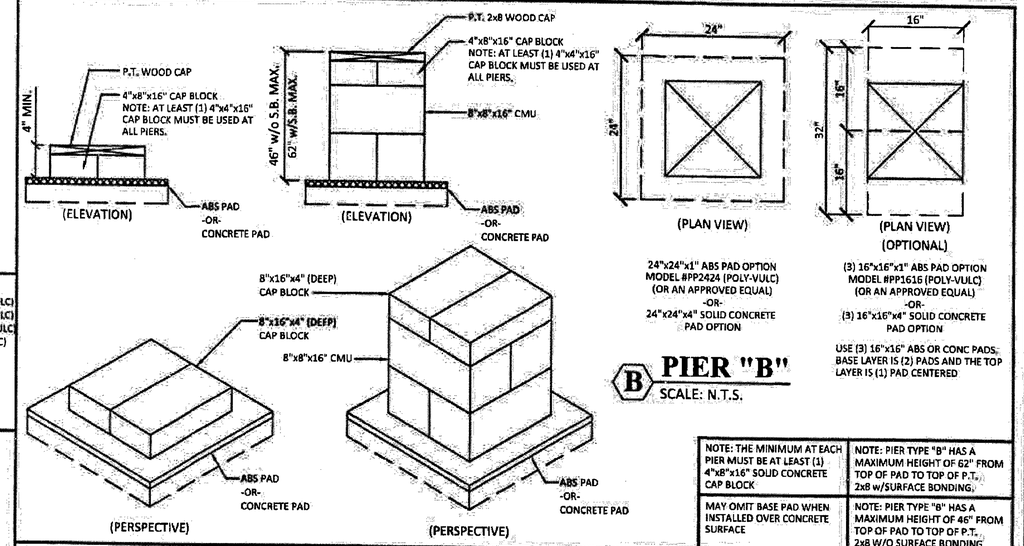
NOTE: SEE CHART FOR PIER SPACING BASED ON SIZE OF PIER PAD	MAY OMIT BASE PAD WHEN INSTALLED OVER CONCRETE SURFACE	NOTE: THE MINIMUM AT EACH PIER MUST BE AT LEAST (1) 4"x8"x16" SOLID CONCRETE CAP BLOCK	NOTE: PIER TYPE "A" HAS A MAXIMUM HEIGHT OF 26" FROM TOP OF PAD TO TOP OF P.T., 2x8 W/O SURFACE BONDING.

PIER "A" PAD SIZES

16"x16"x3/4" ABS PAD (MD#: PP1616 POLY VULC)
18"x18" x3/4" ABS PAD (MD#:PP1818 POLY VULC)
20"x20"x7/8" ABS PAD (MD #: PP2020 POLY VULC)
24"x24"x1" ABS PAD (MD #: PP2424 POLY VULC)
(OR AN APPROVED EQUAL OR BETTER)
-OR-
16"x16"x4" SOLID CONCRETE PAD OPTION
18"x18"x4" SOLID CONCRETE PAD OPTION
20"x20"x4" SOLID CONCRETE PAD OPTION
24"x24"x4" SOLID CONCRETE PAD OPTION

NOTE: MINIMUM SIZE OF BASE PAD FOR PIER "A" IS 16"x16" OR 1.78 SQUARE FEET. ANY BASE PAD (CONCRETE OR ABS) SIZE MAY BE USED THAT IS EQUAL TO OR GREATER THAN 1.78 SQUARE FEET. SEE CHART ON SHEET 1. THE LOCAL BUILDING DEPARTMENT IS TO BE CONSULTED AS TO WHICH PAD THEY WILL REQUIRE.

NOTE: MINIMUM SIZE OF BASE PAD FOR PIER "B" IS 24"x24" OR 4.00 SQUARE FEET. ANY BASE PAD (CONCRETE OR ABS) SIZE MAY BE USED THAT IS EQUAL TO OR GREATER THAN 4.00 SQUARE FEET. SEE "PIER B (ALT.)" ALSO.



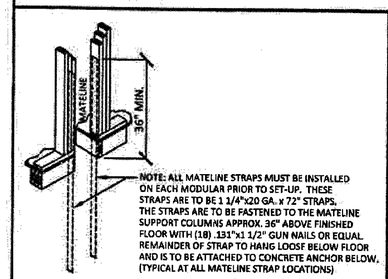
24"x24"x1" ABS PAD OPTION MODEL #PP2424 (POLY-VULC) (OR AN APPROVED EQUAL) -OR- 24"x24"x4" SOLID CONCRETE PAD OPTION

(3) 16"x16"x1" ABS PAD OPTION MODEL #PP1616 (POLY-VULC) (OR AN APPROVED EQUAL) -OR- (3) 16"x16"x4" SOLID CONCRETE PAD OPTION

USE (3) 16"x16" ABS OR CONC PADS. BASE LAYER IS (2) PADS AND THE TOP LAYER IS (1) PAD CENTERED

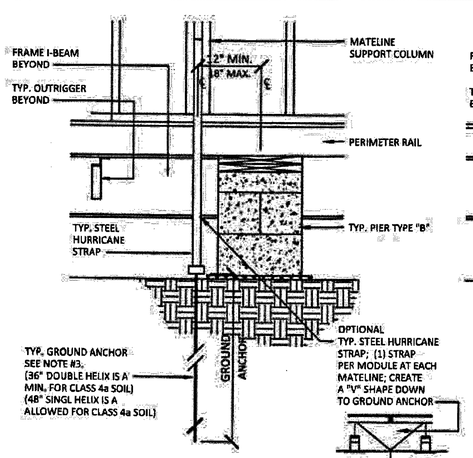
B PIER "B"
SCALE: N.T.S.

NOTE: THE MINIMUM AT EACH PIER MUST BE AT LEAST (1) 4"x8"x16" SOLID CONCRETE CAP BLOCK	NOTE: PIER TYPE "B" HAS A MAXIMUM HEIGHT OF 62" FROM TOP OF PAD TO TOP OF P.T., 2x8 w/SURFACE BONDING.
MAY OMIT BASE PAD WHEN INSTALLED OVER CONCRETE SURFACE	NOTE: PIER TYPE "B" HAS A MAXIMUM HEIGHT OF 46" FROM TOP OF PAD TO TOP OF P.T., 2x8 W/O SURFACE BONDING.

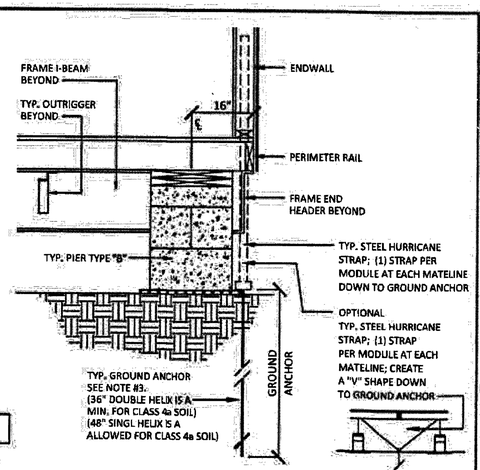


NOTE: ALL MATELINE STRAPS MUST BE INSTALLED ON EACH MODULAR PRIOR TO SET-UP. THESE STRAPS ARE TO BE 1 1/4"x20 GA. x 72" STRAPS. THE STRAPS ARE TO BE FASTENED TO THE MATELINE SUPPORT COLUMNS APPROX. 36" ABOVE FINISHED FLOOR WITH (18) .131"x1 1/2" GUN NAILS OR EQUAL. REMAINDER OF STRAP TO HANG LOOSE BELOW FLOOR AND IS TO BE ATTACHED TO CONCRETE ANCHOR BELOW. (TYPICAL AT ALL MATELINE STRAP LOCATIONS)

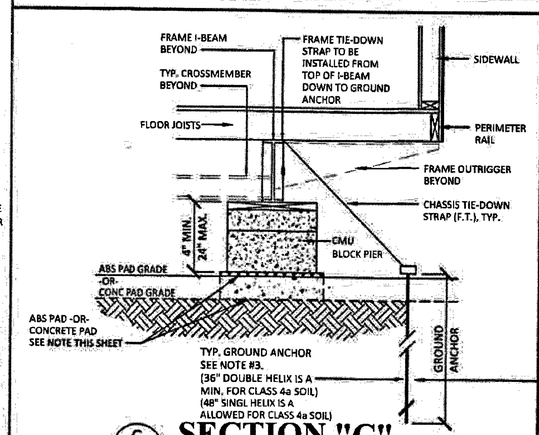
MATELINE SUPPORT COLUMN FOUNDATION STRAP
SCALE: N.T.S.



D FD2 SECTION "D"
SCALE: N.T.S.



E FD2 SECTION "E"
SCALE: N.T.S.



C FD2 SECTION "C"
SCALE: N.T.S.

NOTE: STRAP MAY BE EITHER WRAPPED AROUND I-BEAM AND A DOUBLE CRIMP USED OR AN APPROVED J-HOOK MAY BE USED SUBJECT TO JURISDICTION APPROVAL. (NOTE: STRAP MUST BE PROTECTED FROM DIRECT CONTACT WITH ALL EDGES OF I-BEAM)

NOTE: IF MODULAR BUILDING IS LOCATED OVER A CLASS 1 (ROCK) SURFACE A CROSS DRIVE ANCHOR (MD#:36-XDH (MINUTE MAN PRODUCTS, INC.) OR AN APPROVED EQUAL CAN BE SUBSTITUTED

NOTE: IF MODULAR BUILDING IS LOCATED OVER AN ASPHALT PARKING SURFACE THEN AN ASPHALT ANCHOR (MD#59367 (TIE-DOWN ENG, INC.) OR AN APPROVED CROSS DRIVE ANCHOR OR EQUAL CAN BE SUBSTITUTED

NOTE: IF MODULAR BUILDING IS LOCATED OVER A MIN. 4" THICK 3000 P.S.I. CONCRETE SURFACE A TENSION HEAD w/SLEEVE ANCHOR (MD#:THDHLS (MINUTE MAN PRODUCTS, INC.) OR AN APPROVED EQUAL CAN BE SUBSTITUTED

FL PE LIC#: 61884

VALID

PHILIP L. WITHERINGTON LICENSE No. 61884 March 21, 2014 STATE OF FLORIDA PROFESSIONAL ENGINEER

AAA-AFFORDABLE STRUCTURES
28400 CR 54
AVARES, FL 32778
(352) 742-7488

FOUNDATION PLAN DETAILS

DATE: 3-6-2014	BUILDING SIZE: 24'x46'	SERIAL NO.:
SCALE: AS NOTED	DESTINATION:	DRAWING NO.: JLB-2014-0027
DRAWN BY: J.L.B.	LABEL(S): FL	PAGE: 2 of 2

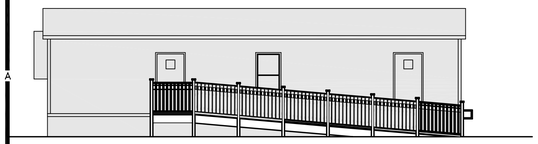
REV	DATE	BY	DESCRIPTION

SHEET: FD2

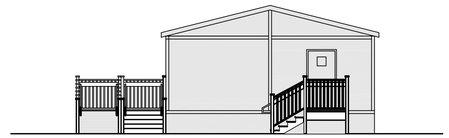
PLW
PHILIP L. WITHERINGTON, P.E.
7503 SHORE BLUFF COURT
TEMPLE TERRACE, FL 33637
PH: (813) 493-7599

NOTE: THIS PLAN IS GOOD FOR A PERIOD OF ONE FULL YEAR FROM THE DATE OF THE ENGINEERS SIGNATURE. AFTER THIS PERIOD THE PLANS WILL NEED TO RE-EVALUATED AND AN UPDATED PLAN PROVIDED.

PLAN NO.: OCCUP: R-2

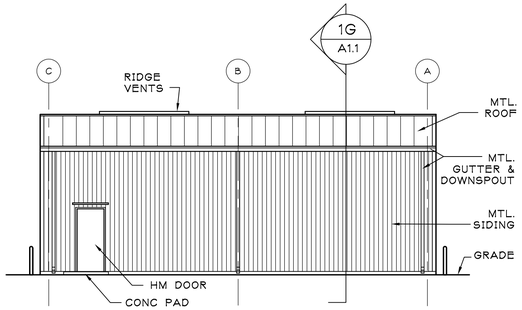


1B A1.1 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

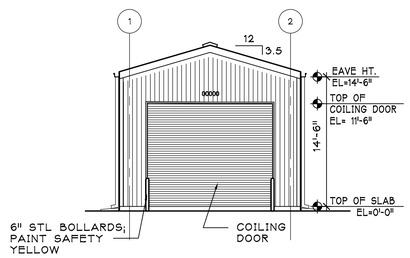


3B A1.1 EAST ELEVATION
SCALE: 1/8" = 1'-0"

ELEVATIONS - EXISTING MODULAR BUILDING

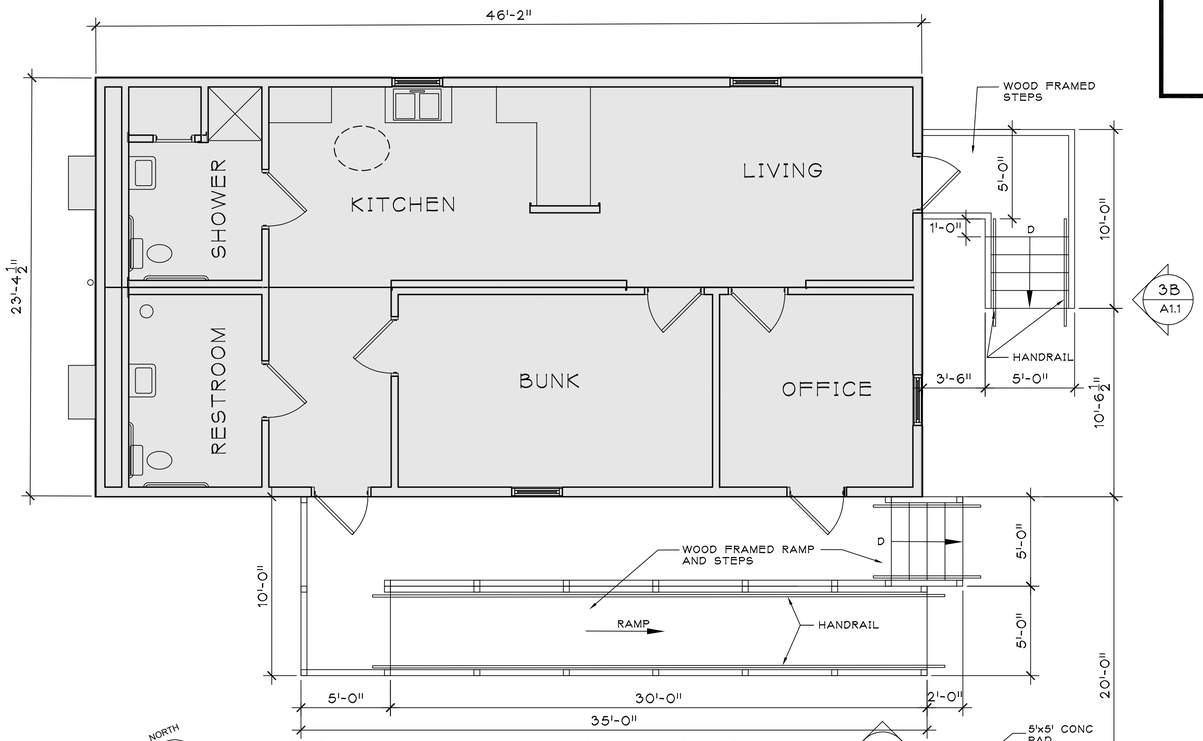


1D A1.1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"
NOTE: SOUTH ELEVATION SIMILAR



3D A1.1 EAST ELEVATION
SCALE: 1/8" = 1'-0"
NOTE: WEST ELEVATION SIMILAR

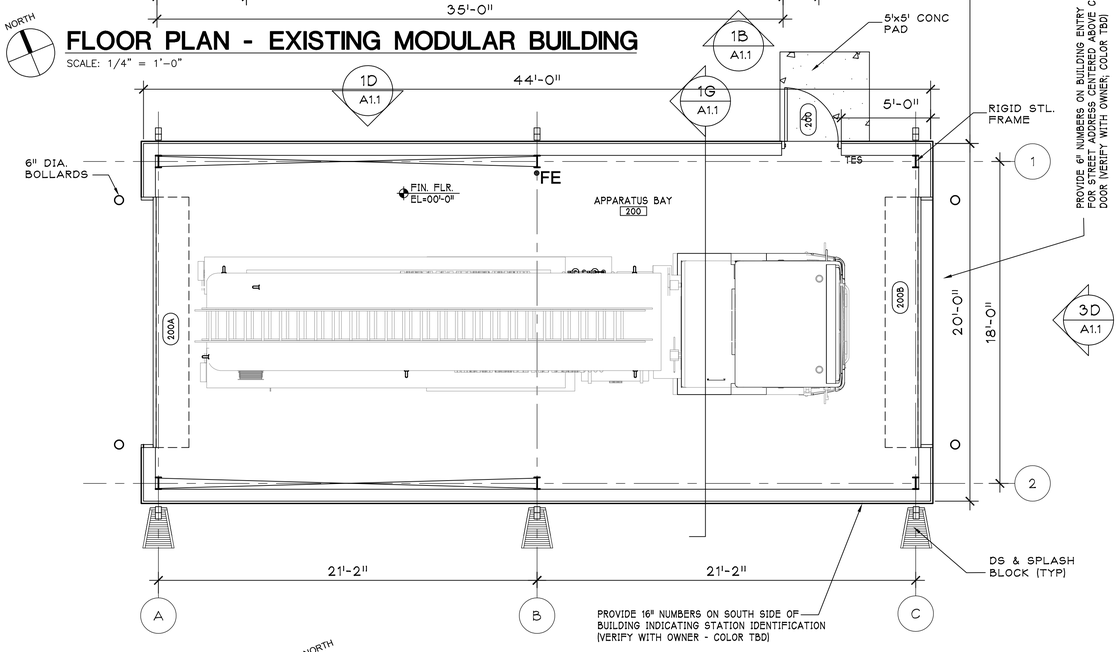
ELEVATIONS - NEW APPARATUS BUILDING



NORTH

FLOOR PLAN - EXISTING MODULAR BUILDING

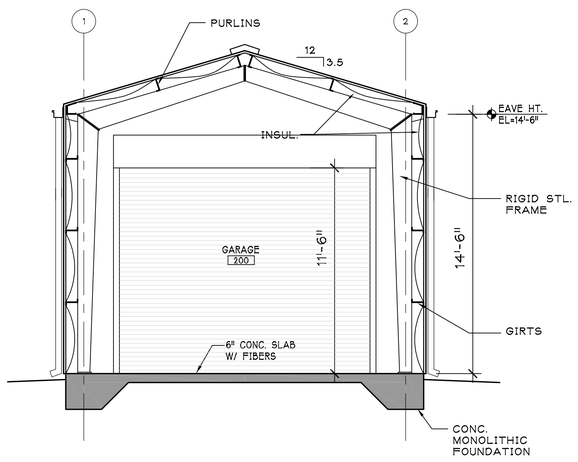
SCALE: 1/4" = 1'-0"



NORTH

FLOOR PLAN - APPARATUS BUILDING

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



1G A1.1 BLDG SECTION
SCALE: 1/4" = 1'-0"

FLOOR PLAN LEGEND

	NEW WALLS
	EXISTING
X / X	WALL SECTION OR DETAIL TAG
NAME / NUM	ROOM NAME & NUMBER
1 / A2.1	EXTERIOR ELEVATION
FE	FIRE EXTINGUISHER ON BRACKET
TES	TACTILE EXIT SIGN

GENERAL CONSTRUCTION NOTES:

A. ALL DIMENSIONS ARE TO FINISHED FACE OF STL FRAMING AND DOES NOT REFLECT THE SIDING OR FINISH MATERIAL UNLESS INDICATED OTHERWISE SHOWN.

B. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES OR CONFLICTS WITHIN CONTRACT DOCUMENTS TO THE ARCHITECT IMMEDIATELY.

C. TOP OF SLAB ELEVATION AT 0'-0" IS FOR REFERENCE ONLY.

D. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING CONSTRUCTION OR FABRICATION OF NEW WORK ON SITE.

E. EXISTING MODULAR BUILDING TO BE MOVED AND SET UP ON SITE BY COUNTY PUBLIC WORKS DEPARTMENT. G.C. TO MAKE ALL UTILITY CONNECTIONS.

Schematic Design

SEAL

MICHAEL P. RICHMOND
REGISTRATION # AR-0091268
CORP. LIC. NO. AA0002304

Brame Heck ARCHITECTS INC.
FOUNDED 1911
608 N.E. First Street
Gainesville, Florida 32601
352.372.0425
FAX 352.372.0427
www.brameheck.com

ALACHUA COUNTY FIRE RESCUE
TEMPORARY FIRE STATION - HAGUE

US441 HAGUE, FL

AC#RFP#17-35/CNT #10215

Alachua County, Florida

FLOOR PLAN
FIRE STATION 80

DRAWN	MDR
CHECKED	MR
DATE	04/22/19
CAD	6034490\10 Cad\ SD ACFS-Hague-A1-FP
REVISIONS	
FILE NO.	6034.490

SHEET

A1.1