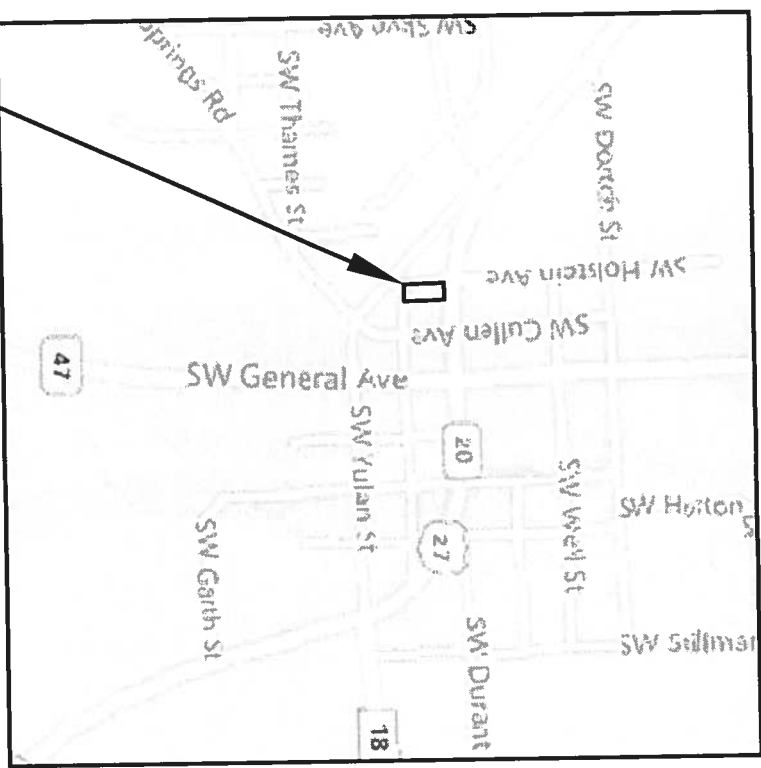


# HUNGRY HOWIE'S FORT WHITE, FLORIDA SECTION 33, TOWNSHIP 3 S, & RANGE 16 E



PROJECT LOCATION

PLANS PREPARED FOR:

KAZBOUR HH PIZZA, LLC  
1326 EAST LUMSDEN ROAD  
BRANDON, FL 33511

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ATTACHMENT: SURVEY BY J. SHERMAN FRIER & ASSOCIATES, INC.

## COVER SHEET



North Florida Professional Services, Inc.  
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JOB NUMBER: 170821KAZ	DESIGNED BY: TH	DRAFTED BY: LH	CHECKED BY: GB
DATE: 08/17	ENGINEER OF RECORD: GREGORY G. BAILEY	P.E. NO.: 43858	
SHEET NO. C1			

FDOT Submittal

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO ENSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE TOWN OF FORT WHITE, FLORIDA OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.

2. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH BY THE ISSUED FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION 10/2 SELF-CERTIFICATION TO USE A GENERAL PERMIT FOR A STORMWATER MANAGEMENT SYSTEM SERVING LESS THAN TEN ACRES TOTAL PROJECT AREA AND LESS THAN 2 ACRES IMPERVIOUS SURFACE, AND FLORIDA DEPARTMENT OF TRANSPORTATION DRIVEWAY CONNECTION PERMIT.

3. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A SECURE MANNER, ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.

4. BOUNDARY INFORMATION SHOWN, WAS OBTAINED FROM A BOUNDARY SURVEY PREPARED BY J. SHERMAN FRIER & ASSOCIATES, FLORIDA CERTIFICATE NO. 6332.

5. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.

6. THE SITE IS LOCATED IN SECTION 33, TOWNSHIP 3 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.

7. THE CONTRACTOR SHALL IMPLEMENT ALL COMPONENTS OF THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO ANY EARTH DISTURBING ACTIVITIES. ALL COMPONENTS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL VEGETATION IS ESTABLISHED. THE ENTIRE PROJECT AREA IS STABILIZED AND THE OWNER HAS ACCEPTED OPERATION AND MAINTENANCE.

8. THE STORMWATER BASIN IS DESIGNED IN ACCORDANCE WITH CHAPTER 40B-4 F.A.C.

9. ALL SLOPES OF THE STORMWATER BASIN SHALL BE GRASSED. ALL SLOPES STEEPER THAN 3:1 SHALL BE STAPLED SOD.

10. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL, THOUGH AUGUST, THE MIX SHALL CONSIST OF 70 PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.

11. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED.

12. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT AREAS.

13. ALL UTILITY CONSTRUCTION SHALL MEET THE TOWN OF FORT WHITE WATER UTILITY STANDARDS, AVAILABLE FROM TOWN HALL OR PUBLIC WORKS.

14. THE CONTRACTOR SHALL WASTE ALL EXCESS EARTH ON SITE AS DIRECTED BY THE ENGINEER.

15. ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF FORT WHITE LAND DEVELOPMENT REGULATIONS.

16. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL REQUIRED UTILITY CONNECTIONS PRIOR TO BIDDING. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS REQUIRED TO COMPLETE CONNECTION TO THE EXISTING UTILITIES. THIS INCLUDES BUT IS NOT LIMITED TO

MANHOLE CORING, WETT TAPS, PAVEMENT REPAIRS AND DIRECTIONAL BORING.

17. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT AREA.

18. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE F.D.O.T. STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION), AWWA SPECIFICATIONS, AND THE TOWN OF FORT WHITE DEVELOPMENT STANDARDS UNLESS OTHERWISE NOTED.

19. IF UNSUITABLE MATERIAL IS ENCOUNTERED DURING GRADING, CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL TO A DEPTH OF 24" BELOW FINISHED GRADE WITHIN THE CONSTRUCTION LIMITS.

20. THE CONTRACTOR SHALL NOTIFY THE TOWN OF FORT WHITE AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.

21. THE CONTRACTOR SHALL SUBMIT A NOTICE OF CONSTRUCTION COMMENCEMENT TO THE WATER MANAGEMENT DISTRICT AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.

22. THE CONTRACTOR SHALL NOTIFY THE TOWN OF FORT WHITE AT LEAST 48 HOURS IN ADVANCE OF THE PRESSURE AND LEAKAGE TESTS.

23. NO FINAL TESTING OR PRESSURE TESTING WILL BE ACCEPTED UNLESS WITNESSED BY THE TOWN'S REPRESENTATIVE.

24. NO WORK SHALL BE PERFORMED ON SATURDAY OR SUNDAY WITHOUT WRITTEN NOTIFICATION TO THE TOWN OF FORT WHITE.

25. CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY MEETING THE REQUIREMENTS OF CHAPTER 61G17 F.A.C. FOR THE STORMWATER MANAGEMENT SYSTEMS. INCLUDE HORIZONTAL AND VERTICAL DIMENSIONAL DATA SO THAT IMPROVEMENTS ARE LOCATED AND DELINEATED RELATIVE TO THE BOUNDARY. PROVIDE SUFFICIENT DETAILED DATA TO DETERMINE WHETHER THE IMPROVEMENTS WERE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. SUBMIT THE SURVEY TO THE ENGINEER ON REPRODUCIBLE 20 LB. VELLUM.

26. THE CONTRACTOR SHALL SUBMIT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTICE OF INTENT ALONG WITH SUPPORTING DOCUMENTATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMIT FEES.

SITE DATA TABLE					
HUNGRY HOWIES - FORT WHITE					
PARCEL ID NUMBER	00-00-00-14425-000				
ZONING	DD - Downtown District				
FUTURE LAND USE	DD - Downtown District				
PHYSICAL ADDRESS	119 WALKERS WAY, FORT WHITE, FLORIDA				
PROJECT PROPERTY BOUNDARY	SQ. FT.	ACRES	% OF SITE	% OF LOC	
TOTAL PROPERTY BOUNDARY AREA	18914	0.43	100.00%	100.00%	
PROJECT AREA / LIMITS OF CONSTRUCTION (LOC)	18914	0.43	100.00%	100.00%	
BOTH ON-SITE & OFF-SITE	18914	0.43	100.00%	100.00%	
EXISTING IMPERVIOUS AREA ON-SITE					
EXISTING ASPHALT PAVEMENT	2039	0.05	10.78%	10.78%	
EXISTING CONCRETE	408	0.01	2.16%	2.16%	
EXISTING BUILDING	1187	0.03	6.28%	6.28%	
EXISTING STORMWATER MANAGEMENT FACILITY	0	0.00	0.00%	0.00%	
TOTAL EXISTING IMPERVIOUS AREA ON-SITE	3634	0.08	19.22%	19.22%	
PROPOSED IMPERVIOUS AREA ON-SITE					
EXISTING ASPHALT PAVEMENT TO REMAIN	0	0.00	0.00%	0.00%	
EXISTING CONCRETE TO REMAIN	0	0.00	0.00%	0.00%	
EXISTING BUILDING TO REMAIN	0	0.00	0.00%	0.00%	
EXISTING STORMWATER MANAGEMENT FACILITY TO REMAIN	0	0.00	0.00%	0.00%	
PROPOSED ASPHALT PAVEMENT	0	0.00	0.00%	0.00%	
PROPOSED CONCRETE	11045	0.25	58.40%	58.40%	
PROPOSED BUILDING	1160	0.03	6.13%	6.13%	
PROPOSED STORMWATER MANAGEMENT FACILITY	2625	0.06	13.88%	13.88%	
TOTAL PROPOSED IMPERVIOUS AREA ON-SITE (INCLUDING SWMF)	14830	0.34	78.41%	78.41%	
TOTAL PROPOSED PERVIOUS AREA ON-SITE	4084	0.09	21.59%	21.59%	
REQUIRED PARKING LANDSCAPE AREA ON-SITE	200	0.00	1.06%	1.06%	
PROPOSED PARKING LANDSCAPE AREA ON SITE	208	0.00	1.10%	1.10%	
REQUIRED PARKING	4 booths @ 4 people per booth = 16 people, 1 space per 3 people = 6 spaces				
PROVIDED PARKING	5 spaces + 1 handicap spaces = 6 spaces				

GENERAL NOTES

HUNGRY HOWIE'S

FORT WHITE, FLORIDA





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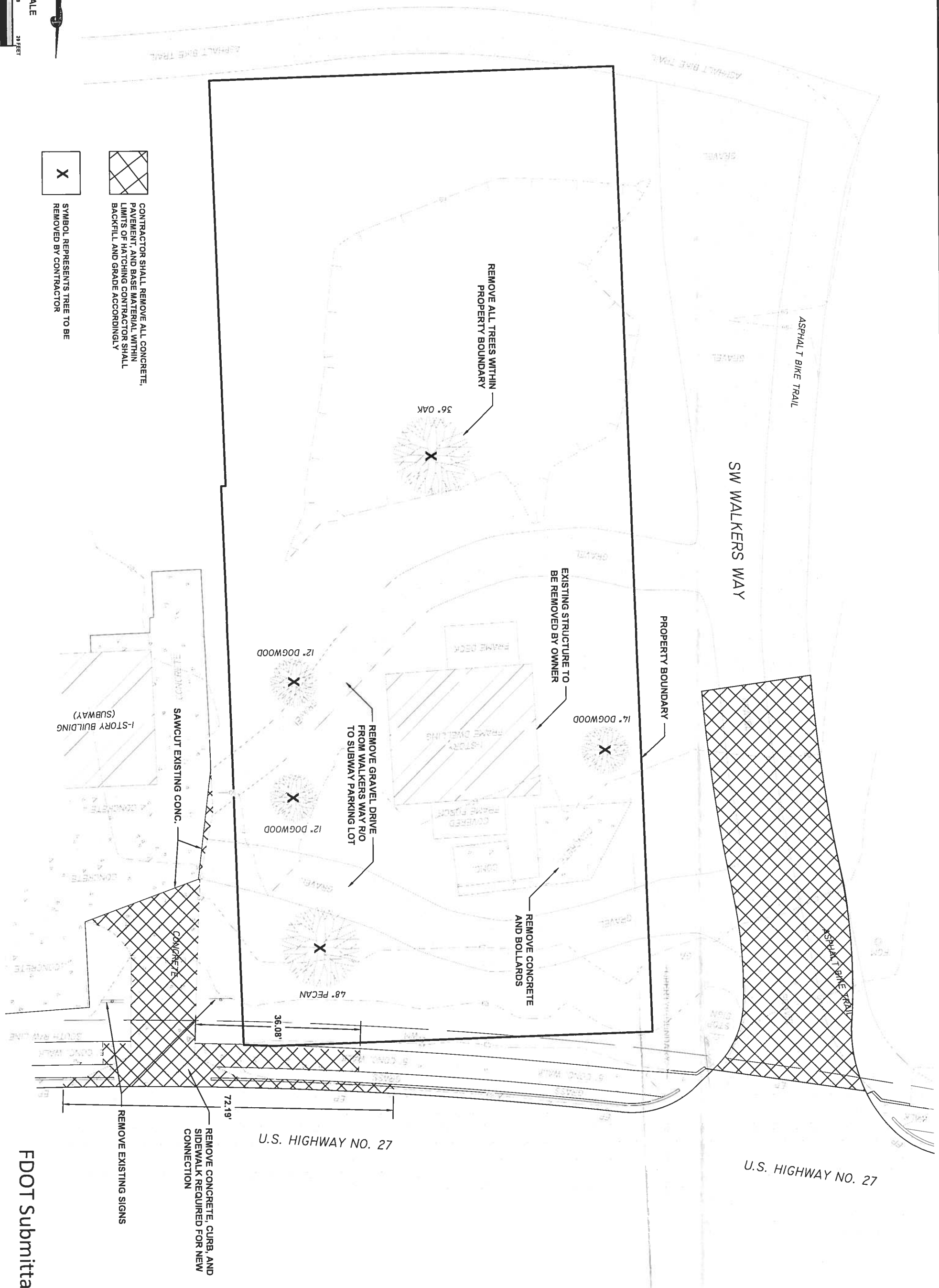
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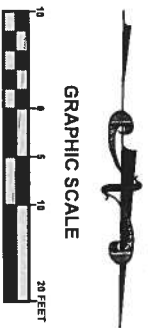
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CONTRACTOR SHALL REMOVE ALL CONCRETE, PAVEMENT, AND BASE MATERIAL WITHIN LIMITS OF HATCHING. CONTRACTOR SHALL BACKFILL AND GRADE ACCORDINGLY.
- 

SYMBOL REPRESENTS TREE TO BE REMOVED BY CONTRACTOR



FDOT Submittal



BENCHMARK  
1/2" REBAR, L.B. # 6984  
ELEV: 65.53

BENCHMARK  
NAIL & TAB, L.B. # 7170  
ELEV: 65.40

CONSTRUCT 3275 L.F. OF TYPE D  
CURB IN ACCORDANCE W/ FDOT  
INDEX 300

CONSTRUCT 1170 L.F. OF TYPE D  
CURB IN ACCORDANCE W/ FDOT  
INDEX 300

CONSTRUCT 245 L.F.  
OF CHAIN LINK FENCE  
C15 AROUND SWMF

CONSTRUCT  
C14 STEEL BOLLARD

CONSTRUCT 145 L.F. OF TYPE D  
CURB IN ACCORDANCE W/ FDOT  
INDEX 300

CONSTRUCT DUMPSTER  
C15 PAD & ENCLOSURE

SW WALKERS WAY

ASPHALT BIKE TRAIL

CONSTRUCT ASPHALT  
ROADWAY  
C15

PROPERTY BOUNDARY  
C15

CONSTRUCT 1155 L.F. OF TYPE D  
CURB IN ACCORDANCE W/ FDOT  
INDEX 300

U.S. HIGHWAY NO. 27

U.S. HIGHWAY NO. 27

PROPOSED POTABLE  
WATER LINE

PROPOSED  
BUILDING  
1160 SF  
F.F.E. = 68.00'

PROPOSED  
SEPTIC TANK  
(6)

PROPOSED  
GREASE TRAP  
(3)

PROPOSED  
DRAIN FIELD

PROPOSED SWMF

1-STORY BUILDING  
(SUBWAY)

DOWNTOWN DISTRICT: ZONING REQUIRES  
MINIMUM DISTANCE = 0' FOR EACH SETBACK

FDOT Submittal

JOB NUMBER: 170821KAZ			
DESIGNED BY: TH	DRAFTED BY: LH	CHECKED BY: GB	
ENGINEER OF RECORD: GREGORY G. BAILEY P.E. NO. 43858			
DATE: 9/28/18	SHEET NO. 4		

REVISIONS:  
9/28/18

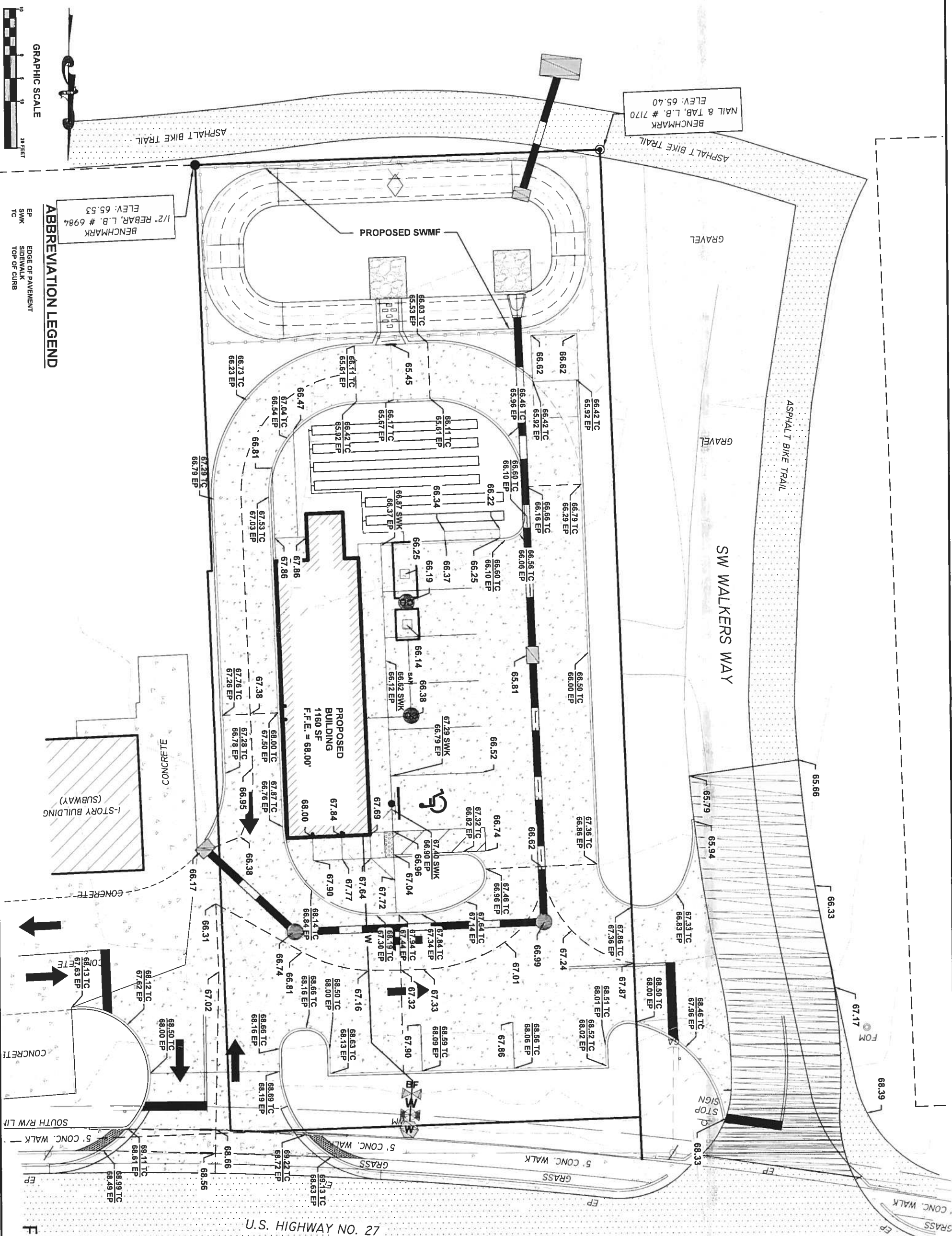
SITE PLAN  
HUNGRY HOWIE'S  
FORT WHITE, FLORIDA



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GRAPHIC SCALE  
20 FEET  
1" = 20'

**ABBREVIATION LEGEND**

EP EDGE OF PAVEMENT  
SWK SIDEWALK  
TC TOP OF CURB

**FDOT Submittal**

**GRADING PLAN**  
**HUNGRY HOWIE'S**  
**FORT WHITE, FLORIDA**

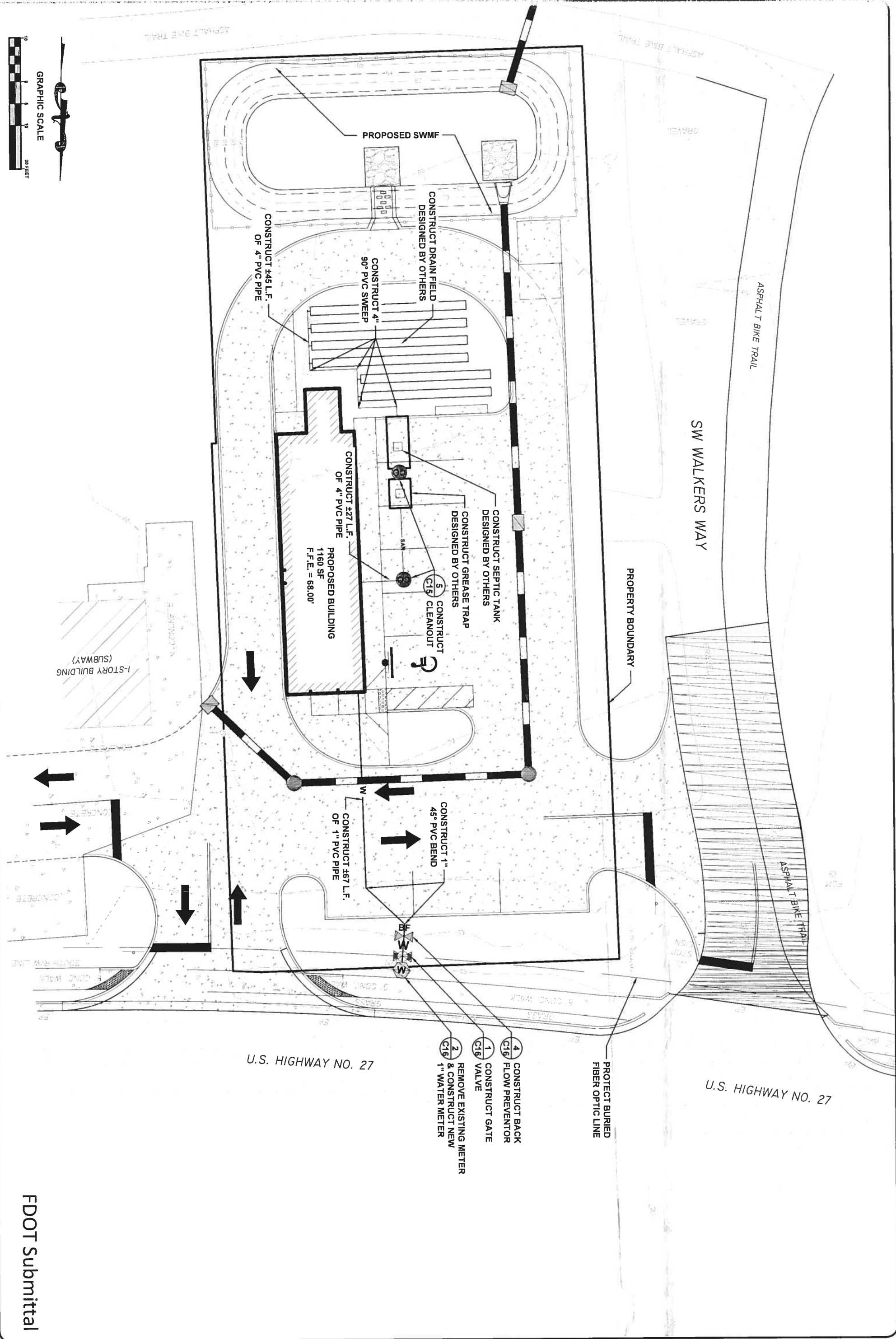
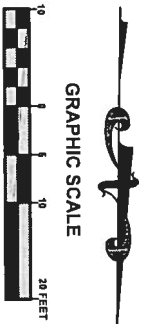
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**REVISIONS**

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	10/02/18

**JOB NUMBER: 170821KAZ**  
DESIGNED BY: TH  
DRAFTED BY: LH  
CHECKED BY: GB  
ENGINEER OF RECORD:  
GREGORY G. BAILEY  
P.E. NO.: 43858




FDOT Submittal

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DESIGNED BY: TH	DRAFTED BY: LH	CHECKED BY: GB
ENGINEER OF RECORD: GREGORY G. BAILEY		
P.E. NO.: 43858		

REVISIONS:	
9/28/18	

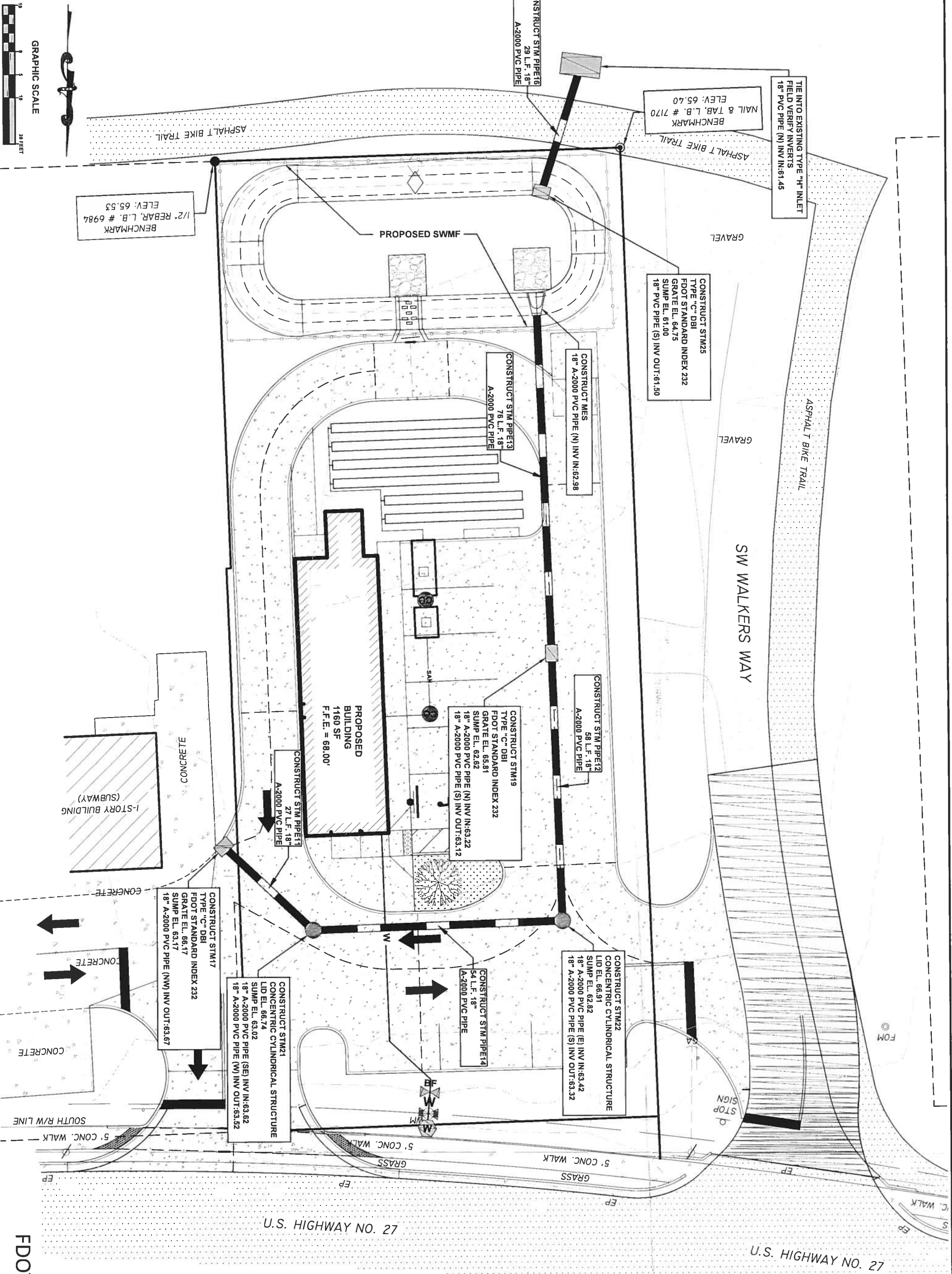
UTILITY PLAN  
HUNGRY HOWIE'S  
FORT WHITE, FLORIDA



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DESIGNED BY: TH	DRAFTED BY: LH	CHECKED BY: GB	
ENGINEER OF RECORD: GREGORY G. BAILEY P.E. NO.: 43858			
DATE: 08/17	SHEET NO. 67		

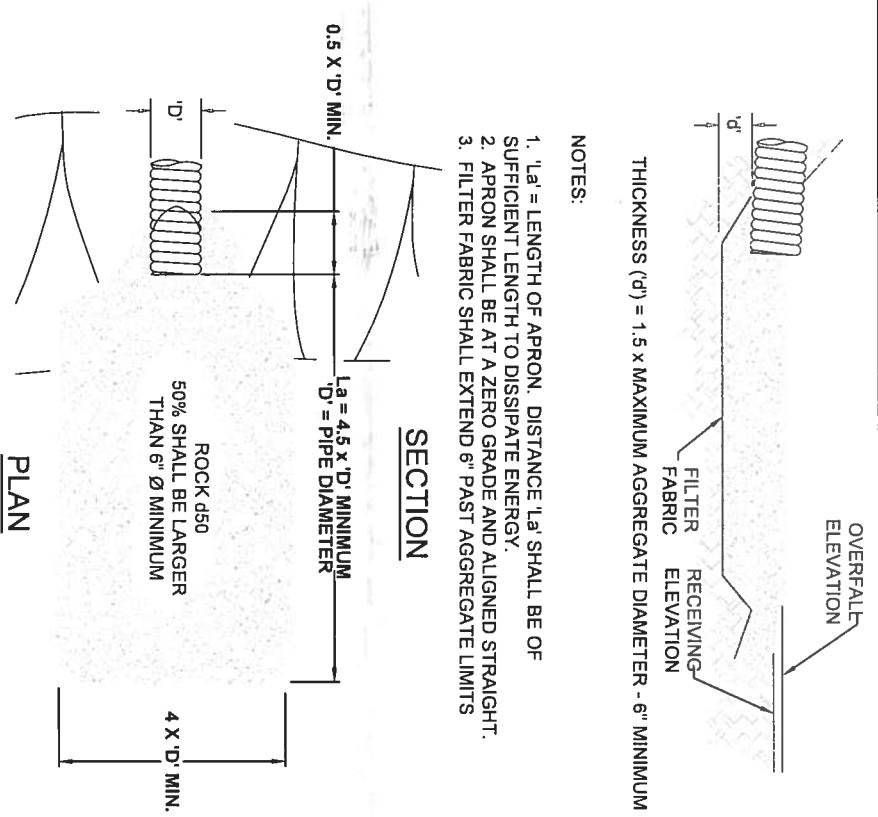
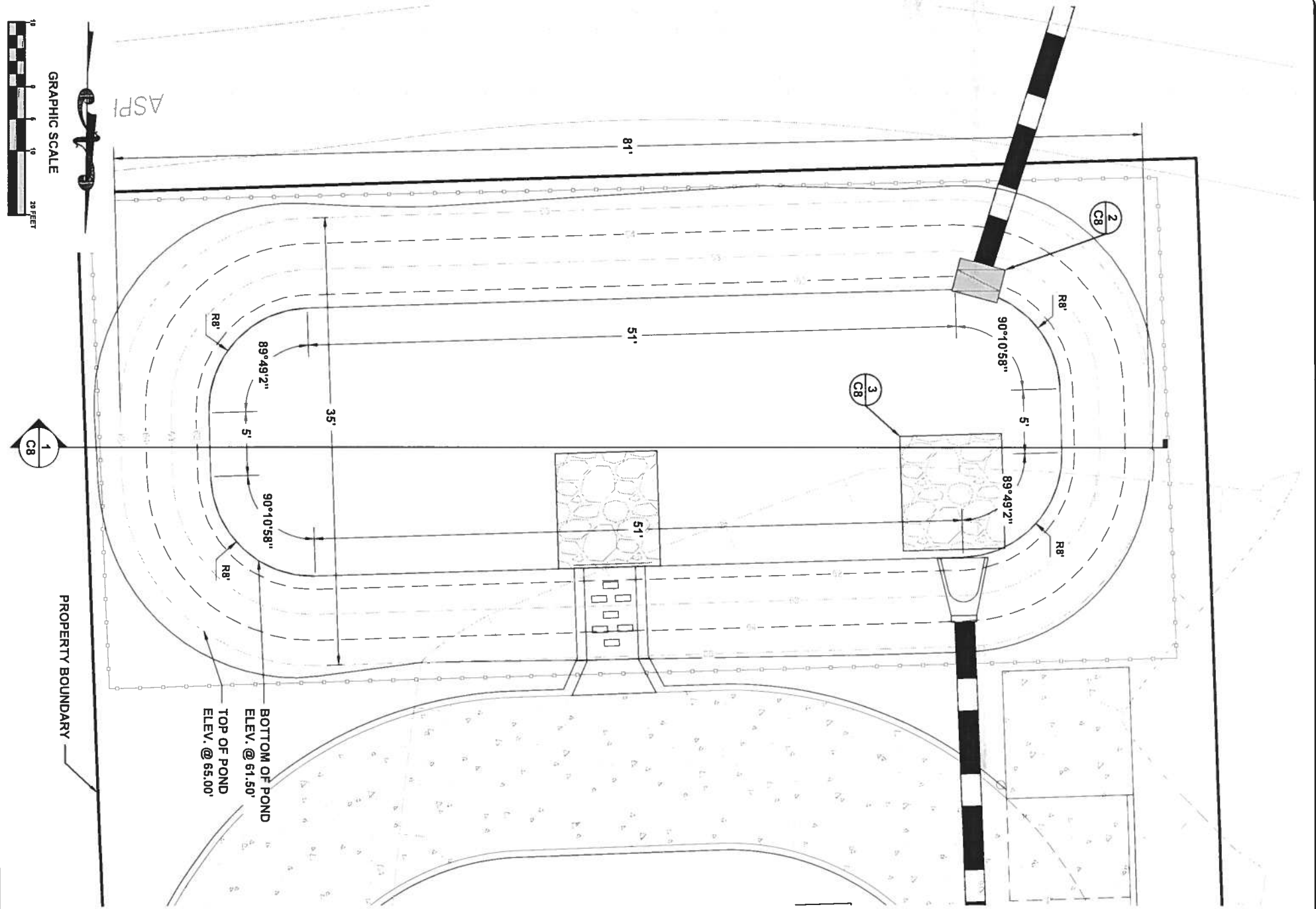
REVISIONS	

STORMWATER PLAN  
HUNGRY HOWIE'S  
FORT WHITE, FLORIDA

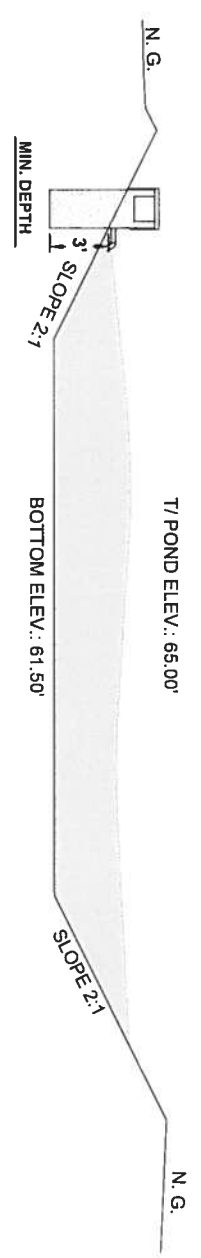


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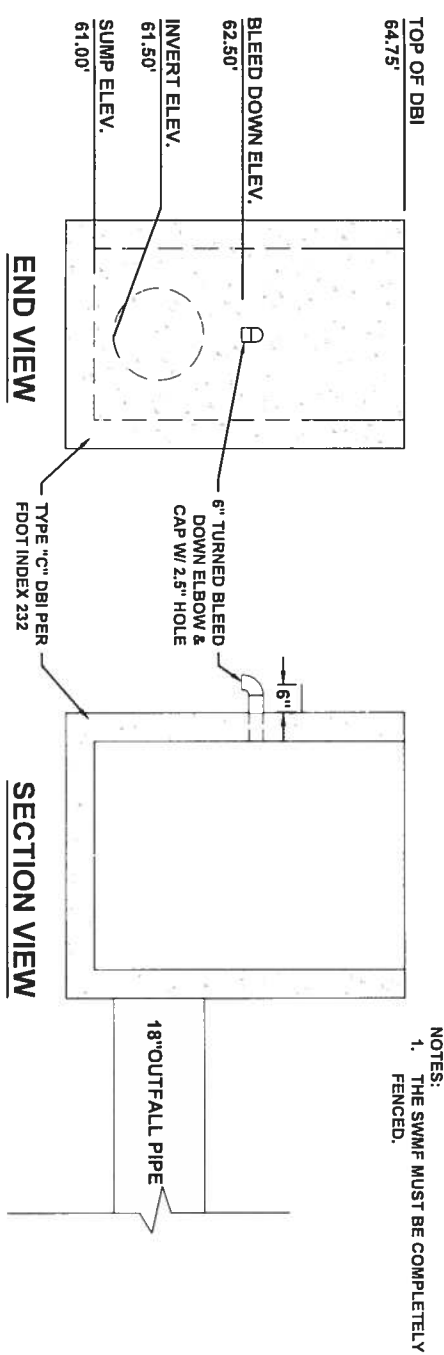
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3 ENERGY DISSIPATER DETAIL  
C8 SCALE: N.T.S.



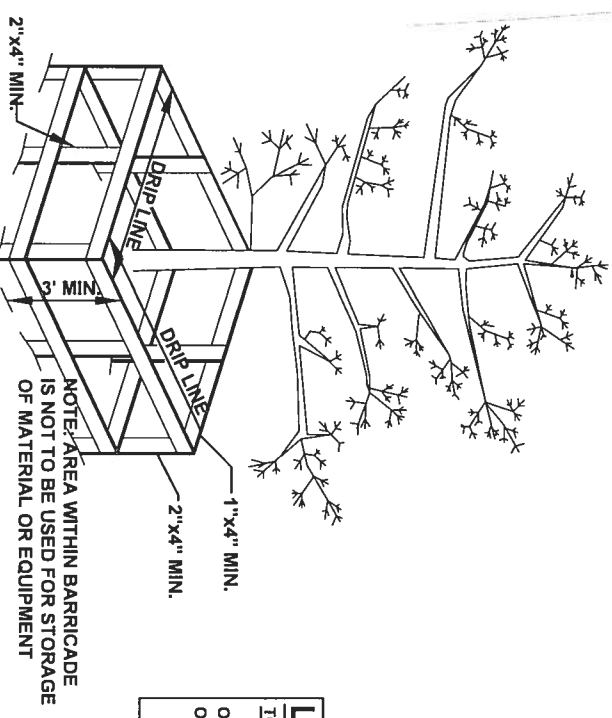
1 STORMWATER MANAGEMENT FACILITY SECTION  
C8 SCALE: N.T.S.



2 OUTFALL INLET DETAIL  
C8 SCALE: N.T.S.



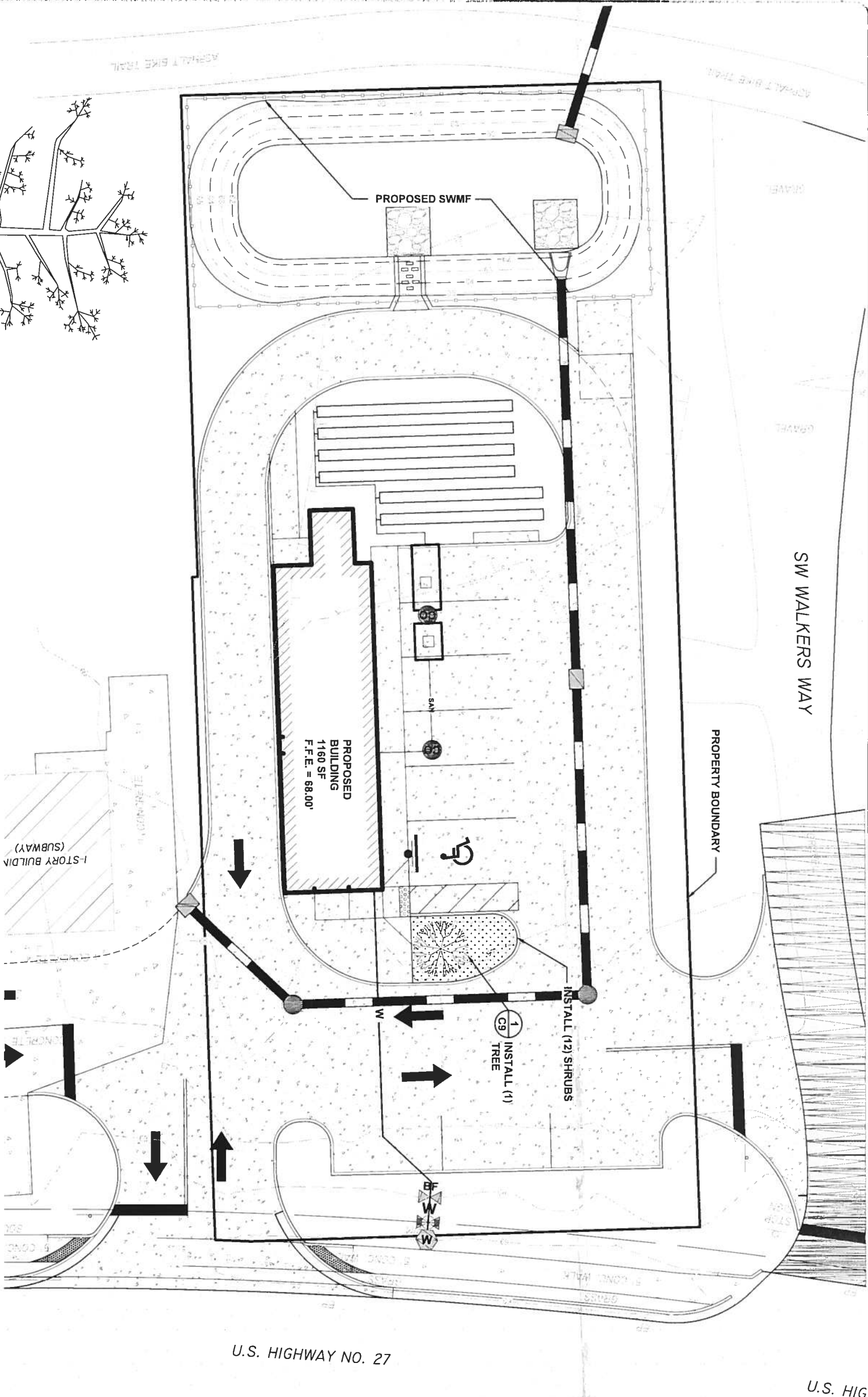
1 TREE BARRICADE DETAIL  
C9 SCALE: N.T.S.



**LANDSCAPE REQUIREMENTS**  
TOWN OF FORT WHITE LDC's 6.04.02  
OFFSTREET REQUIRED LANDSCAPE AREA = 200 SF  
OFFSTREET PROPOSED LANDSCAPE AREA = 208 SF



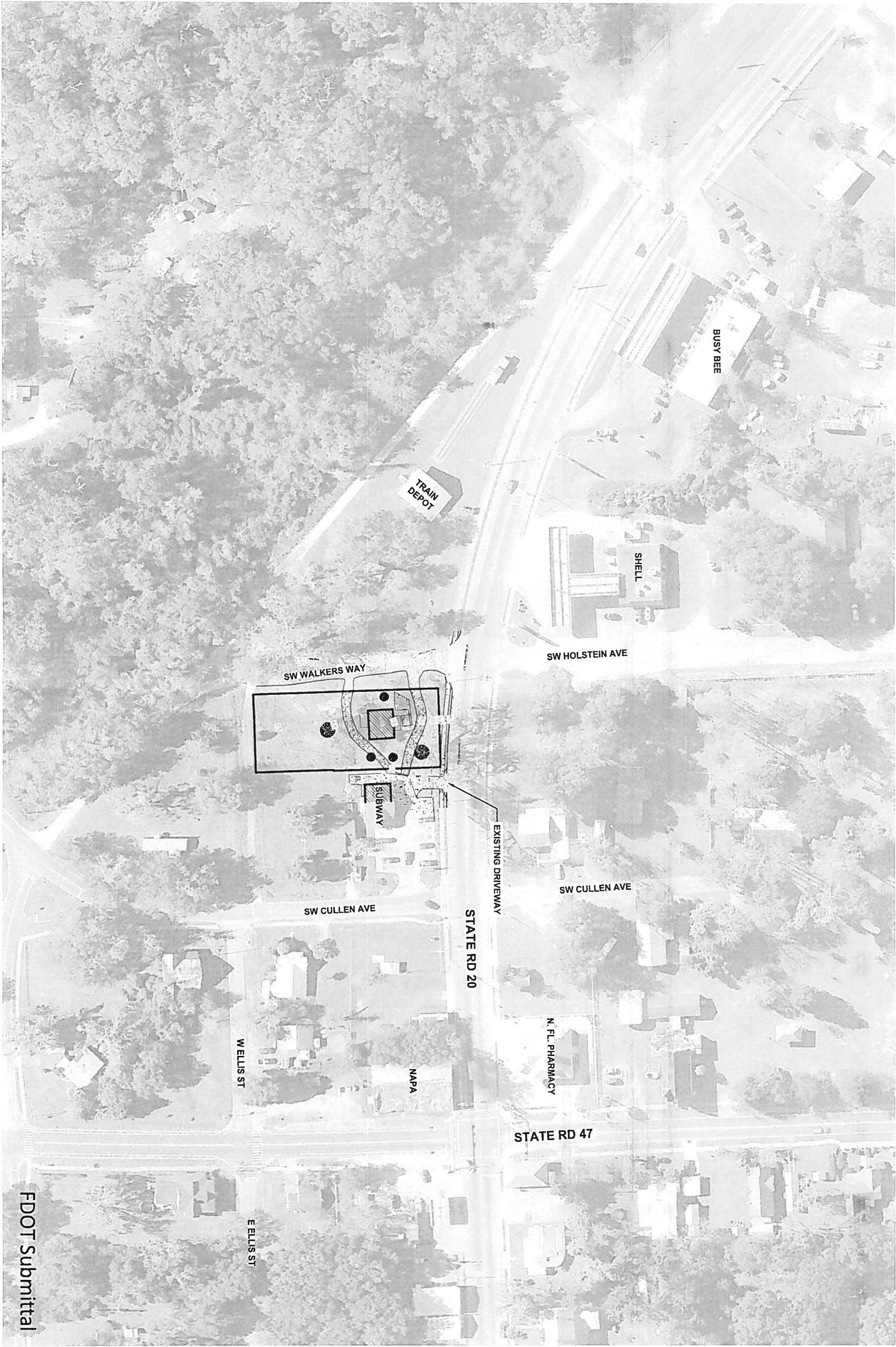
TREE AND SHRUBBERY REQUIREMENTS				
MAP SYMBOL	COMMON NAME	SCIENTIFIC NAME	NO.	SIZE
	MINIATURE AZALEAS	PENTANTHERA	12	3 GAL. MIN.
	SOD/GRASS	--	--	
	CREPE MYRTLE	LAGERSTROEMIA	1	4' MIN.



U.S. HIGHWAY NO. 27

U.S. HIGHWAY NO. 27

FDOT Submittal



FDOT Submittal

JOB NUMBER: 170821KAZ		
DESIGNED BY: TH	DRAFTED BY: LH	CHECKED BY: GB
ENGINEER OF RECORD: GREGORY G. BAILEY P.E. NO. 43858		

REVISIONS:

S.R. 20 EXISTING CONDITIONS PLAN  
HUNGRY HOWIE'S  
FORT WHITE, FLORIDA



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SECTION 29050000 / MILE POST 7.672

CONSTRUCT 2' DETECTABLE WARNING SURFACE  
ACCORDING TO FDOT INDEX 304  
SHEET 6 PICTORIAL VIEW B

CONSTRUCT DRIVEWAY TURNOUT  
ACCORDING TO FDOT INDEX 515  
PLAN A & DRIVEWAY PROFILE G 12

CONSTRUCT ± 14 LF  
24" SOLID WHITE STOP BAF

CONSTRUCT 2' DETECTABLE WARNING SURFACE  
ACCORDING TO FDOT INDEX 304  
SHEET 6 PICTORIAL VIEW B

CONSTRUCT ±30 L.F. TYPE F CURE  
ACCORDING TO FDOT INDEX 300

FDOT RM

WHEN FIGURING THE REQUIRED SLOPE/GRADES FOR THE NEW DRIVEWAYS' TRANSITION ACROSS THE CONCRETE VALLEY GUTTER AND ALSO THE MAIN CONCRETE DRIVEWAY FINISHED SURFACE SLAB SLOPES, SPECIAL ATTENTION MUST BE TAKEN TO MAKE SURE THAT THE FRONT AND BACK SIDE OF THE 36 INCH WIDE CONCRETE VALLEY GUTTER SECTION IS NOT ALLOWED MORE THAN A MAXIMUM 10% GRADE SLOPE DIFFERENCE. ONCE THE VALLEY GUTTER GRADE SLOPE IS CHECKED FOR COMPLIANCE AND FORMED UP, THE NEW MAIN DRIVEWAY SLAB SHOULD BE FORMED UP ON THE SAME GRADE SLOPE AS HAS BEEN SET FOR THE BACK SIDE OF THE CONCRETE VALLEY GUTTER. WHILE BOTH STRUCTURES ARE TO BE POURED A DIFFERENT TIMES, SPECIAL ATTENTION MUST BE GIVEN TO ENSURING THAT NEITHER THE FRONT OR BACKSIDE OF THE NEW VALLEY CURBING NOR THE MAIN CONCRETE SLAB EXCEED MAXIMUM OF 10% GRADE SLOPE DIFFERENCE. THIS FINISHED GRADE SLOPE MEASUREMENT MUST COMMENCE AT THE STORMWATER FLOWLINE OF THE NEW VALLEY GUTTER STRUCTURE AND MAINTAIN THE SAME GRADE SLOPE OF THE PLANNED MAIN CONCRETE SLAB GRADE SLOPE ON A STRAIGHT GRADE SLOPE LINE TO THE STANDARD INTO THE STANDARD FIVE FOOT SIDEWALK AREA. AT THIS POINT, THE DRIVEWAY GRADE SLOPE MUST BE BROUGHT BACK INTO NO MORE THAN A MAXIMUM OF 2% TO FLAT GRADE SLOPE TO THE BACK OF THE SIDEWALK AREA. (A DISTANCE OF 5 FEET). FAILURE BY THE PERMITTEE'S CONCRETE CONTRACTOR TO MEET CONSTRUCTION TO WITHIN THE 10% OR LESS GRADE SLOPE FOR THE VALLEY GUTTER AND THE MAIN DRIVEWAY SLAB SECTION AND THE SIDEWALK AREA OF 2% MAXIMUM GRADE SLOPES, SHALL BE REASON TO REQUIRE THE CONCRETE CONNECTION TO BE REMOVED AND RECONSTRUCTED IN ACCORDANCE WITH THESE STATE SPECIAL PERMIT PROVISIONS.

**FDOT SPECIAL NOTICE TO THE CONCRETE CONTRACTOR**

**FDOT CONNECTION NOTES:**

1. THE EXISTING CONCRETE SIDEWALK & CURB & GUTTER SHALL BE MECHANICALLY SAW CUT AND REMOVED AS WELL AS ALL PRE-EXISTING SUBGRADE MATERIALS WITHIN THE LIMITS OF THE PROJECT IMPROVEMENTS WORK ZONE OR AS MAY BE CALLED FOR UNDER THE STATE FDOT PERMIT.

2. ALL PERMITTED PAVEMENT STRIPING PERTAINING TO THIS ACCESS PERMIT SHALL REQUIRE CERTIFIED LEAD FREE, THERMOPLASTIC MARKING MATERIALS AS THE FINAL PLACEMENT ITEM. TEMPORARY TRAFFIC BEARING SHALL BE REQUIRED TO BE IN PLACE 30 MINS. BEFORE OFFICIAL SUNDOWN. BOTH TEMPORARY TRAFFIC BEARING PAINTS AND THERMOPLASTIC MARKING MATERIALS SHALL BE LEAD FREE AND SHALL MEET/Obtain FOOT MINIMUM SPECIFICATIONS FOR NIGHT REFLECTIVITY. TEMPORARY RPM'S SHALL BE INSTALLED DURING BOTH TEMPORARY AND PERMANENT STRIPING PHASES. REMOVAL OF EXISTING STRIPING SHALL BE HYDRO-BLASTED.

3. FAILURE BY THE PERMITEE AND/OR HIS/HER CONTRACTOR TO HAVE A CERTIFIED STRIPING CREW ON SITE BEFORE THE START OF PAVING CAN BE REASON TO SUSPEND THE APPROVED PERMIT UNTIL SUCH TIME AS THE PERMITEE AND/OR HIS/HER CONTRACTOR CORRECTS THE SITUATION TO THE SATISFACTION OF THE ON-SITE STATE FDOT PERMITS PERSONNEL/INSPECTOR.

4. FOR MAINTENANCE OF TRAFFIC PLAN REFER TO FDOT INDEX SHEETS 600, 613, 614 AND 660.

5. 24 INCH STOP BARS TO BE PLACED AT ALL INTERSECTIONS IN ACCORDANCE WITH CURRENT EDITION FDOT DESIGN STANDARDS INDEX 17346.



FRONT OF CONCRETE VALLEY GUTTER	BACK OF CONCRETE VALLEY GUTTER

**MAINTAIN EXISTING SLOPE TO FLOW LINE**

**- EXISTING EL**

1

1

\_\_\_\_\_

# 1 FDOT ACCESS CONNECTION PROFILE

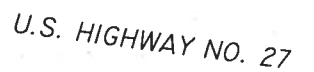
11 SCALE: N.T.S.

FDOT Submittal

## OPTIONAL POST POSITIONS

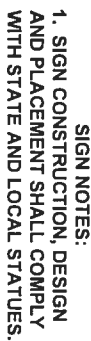




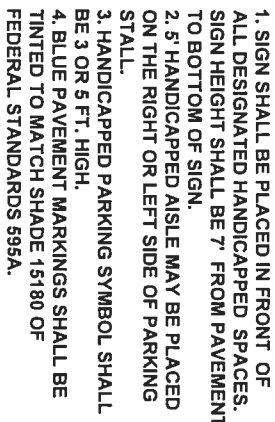


**North Florida Professional Services, Inc.**

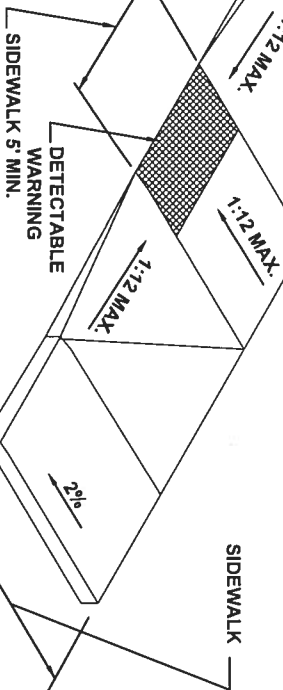
<b>P.O. BOX 3823</b>	<b>P.O. BOX 180998</b>
<b>Lake City, FL 32025</b>	<b>Tallahassee, FL 32318</b>
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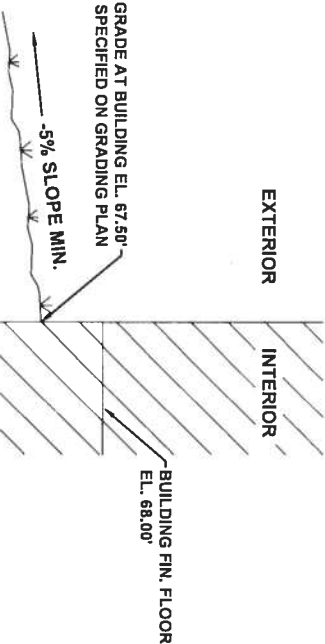
C14 SCALE: N.T.S.



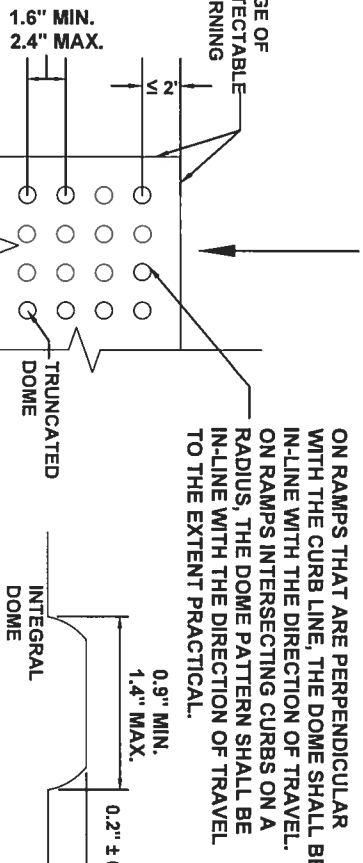
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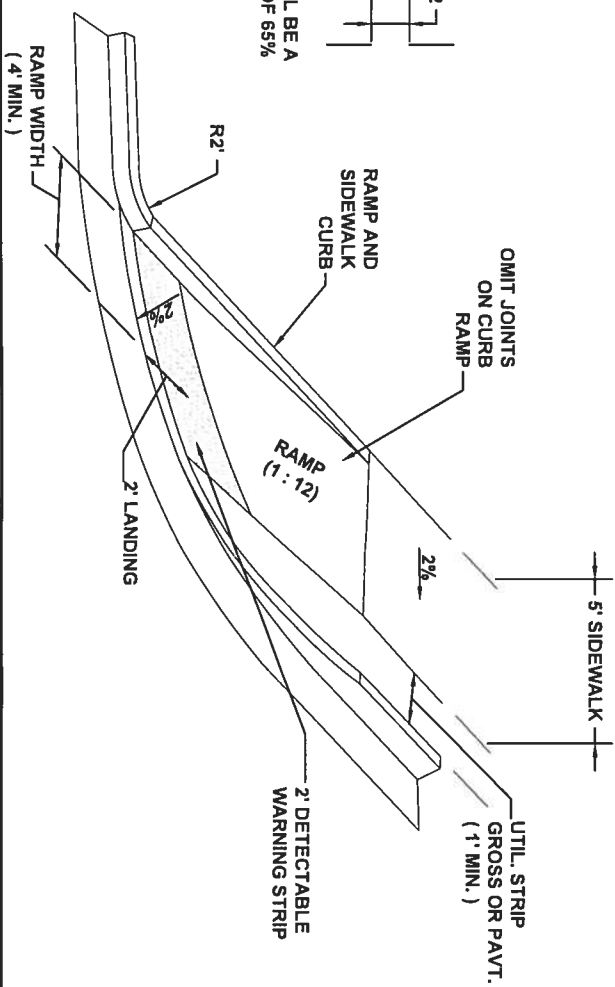
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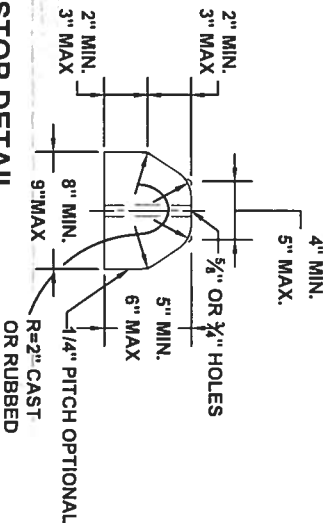
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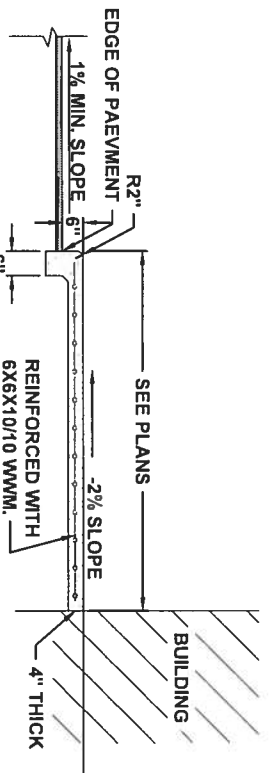
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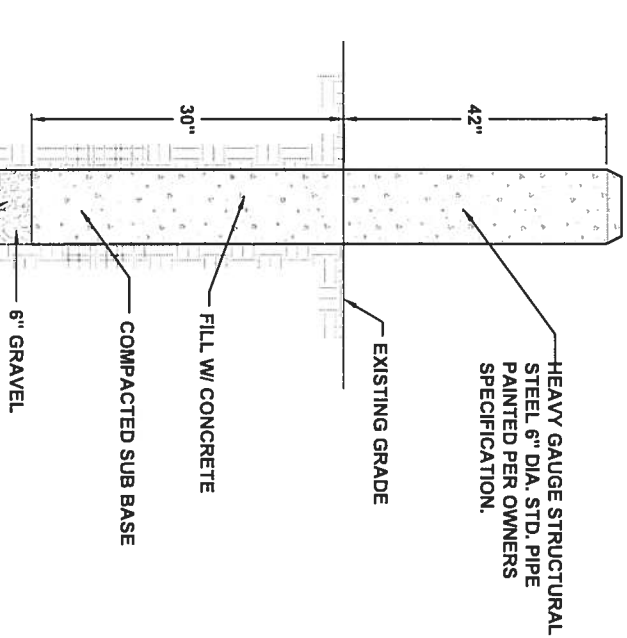
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**SCALE: N.T.S.**



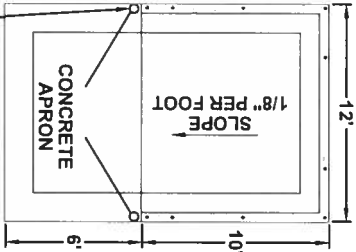
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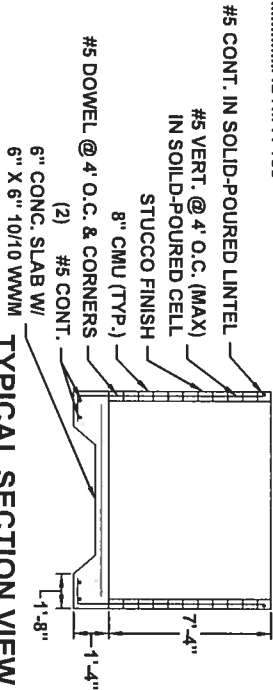
C14 SCALE: N.T.S

CONCRETE NOTES:

1. THE DESIGN OF FOUNDATIONS AND SLAB-ON-GRADE IS BASED ON AN ASSUMED MINIMUM BEARING CAPACITY OF 2,000 PSF.
2. THE AREA UNDER FOOTINGS, FOUNDATIONS, AND CONCRETE SLABS-ON-GRADE SHALL HAVE ALL VEGETATION, STUMPS, ROOTS, AND FOREIGN MATERIALS REMOVED PRIOR TO THEIR CONSTRUCTION. FILL MATERIAL AND BACKFILL MATERIAL SHALL BE FREE OF ORGANIC MATERIAL, CONSTRUCTION DEBRIS, LARGE ROCKS, AND ANY OTHER FOREIGN MATERIAL.
3. THE CONTRACTOR SHALL INVESTIGATE ACTUAL LOCATIONS OF UNDERGROUND LINES AND UTILITIES BEFORE EXCAVATING. ALL EXCAVATIONS NEAR THESE LINES SHALL BE CARRIED OUT WITH EXTREME CAUTION.
4. A MINIMUM CONCRETE COVER OF 3" SHALL BE PROVIDED FOR ALL REINFORCING STEEL.
5. REINFORCING STEEL BARS.....ASTM A-615 GRADE 40 WELDED WIRE FABRIC.....ASTM A-185

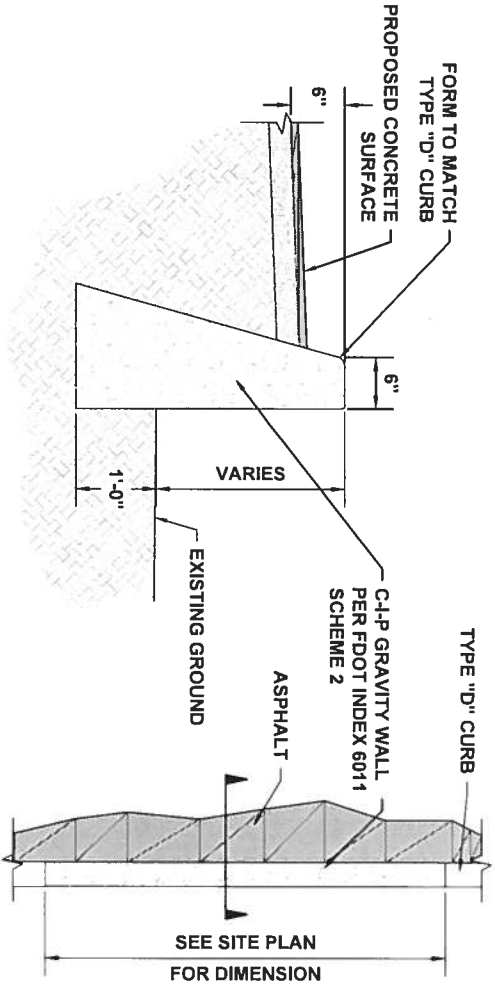


PLAN VIEW



TYPICAL SECTION VIEW

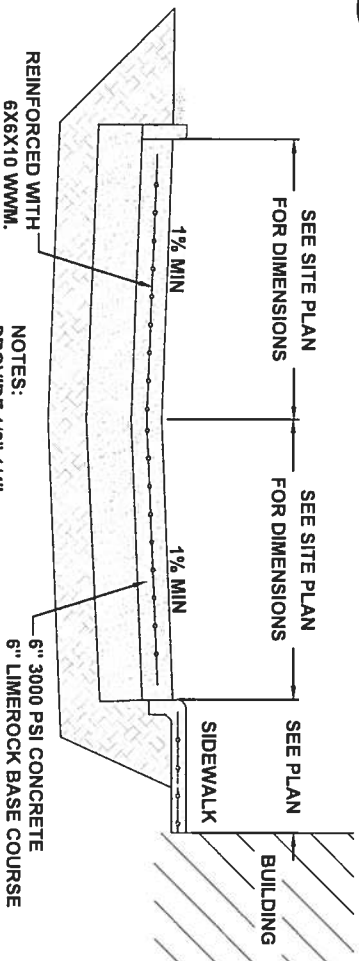
1 DUMPSTER PAD DETAIL  
C15 SCALE: N.T.S.



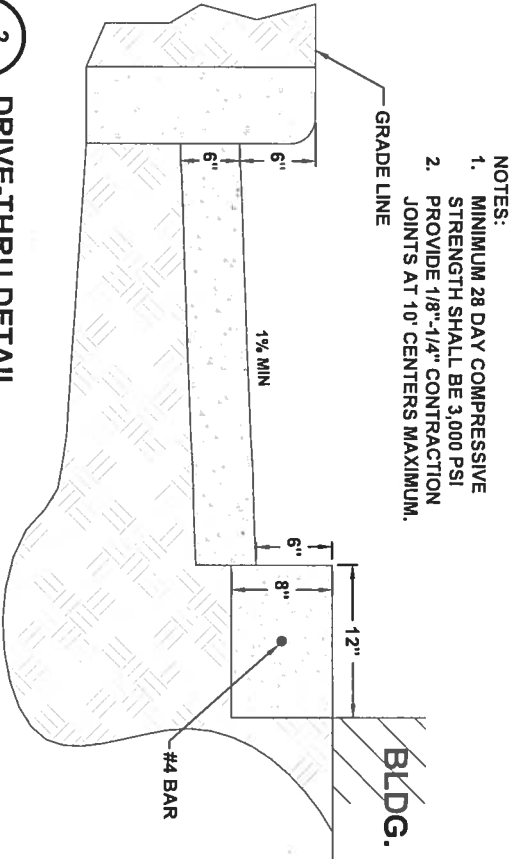
SECTION

PLAN

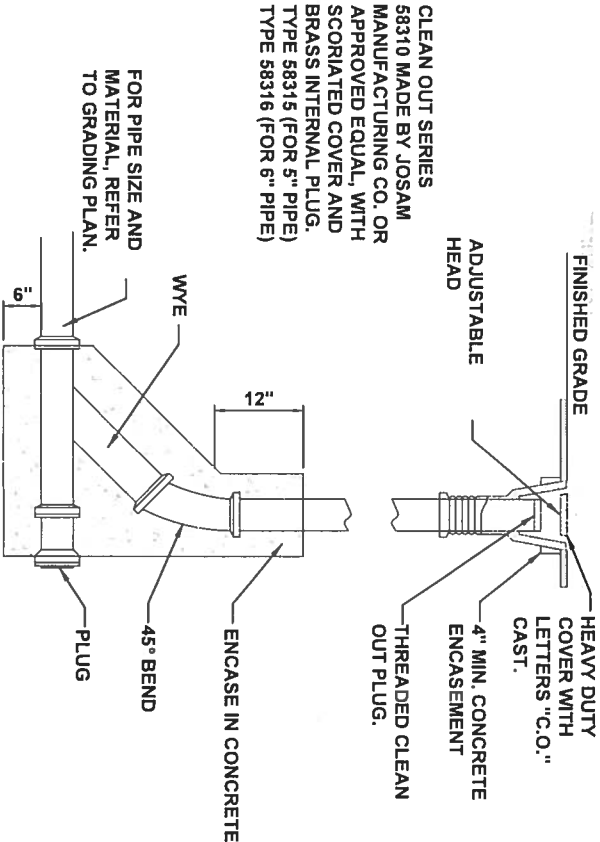
4 C-I-P GRAVITY WALL DETAILS  
C15 SCALE: N.T.S.



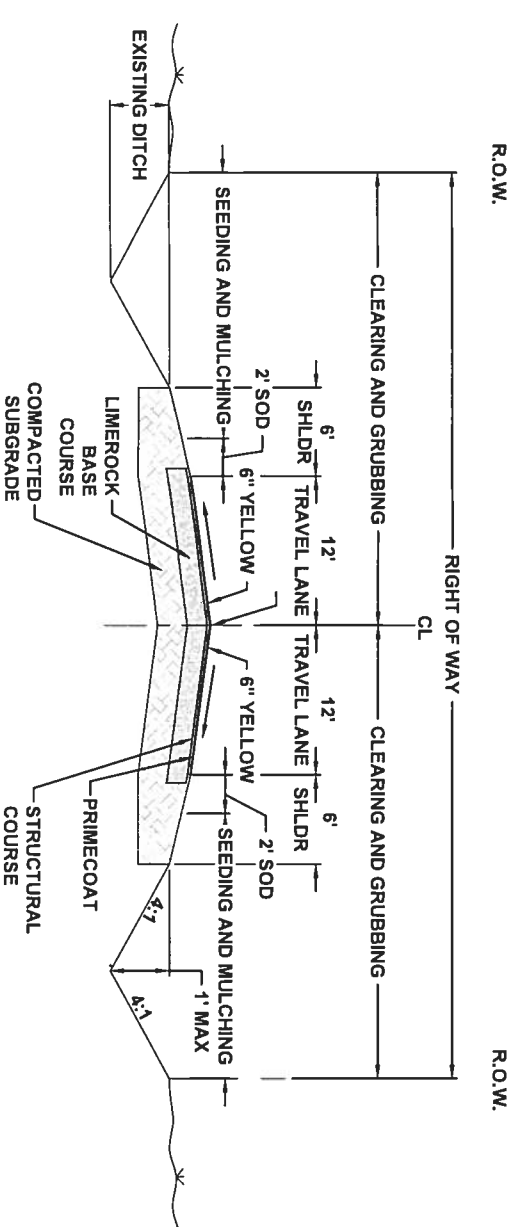
6 PARKING APRON TYPICAL SECTION  
C15 SCALE: N.T.S.



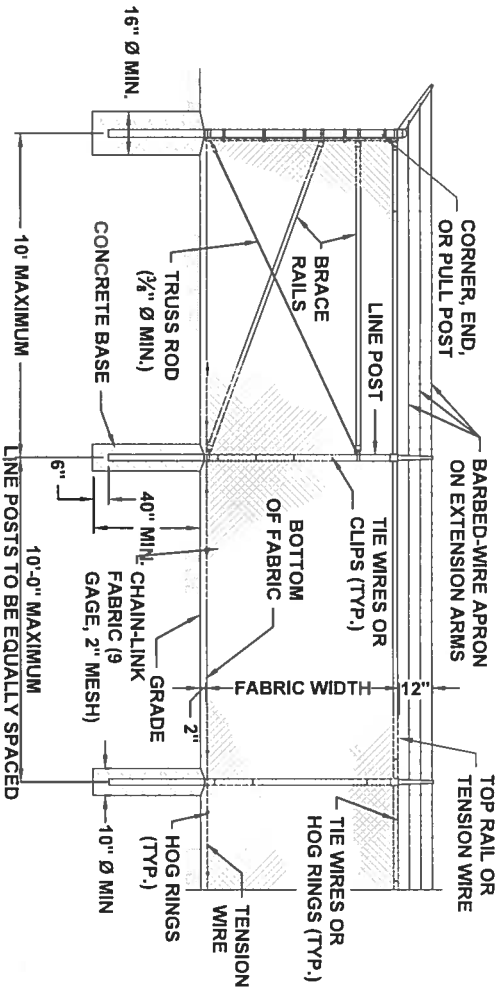
2 DRIVE-THRU DETAIL  
C15 SCALE: N.T.S.



5 CLEANOUT DETAIL  
C15 SCALE: N.T.S.



7 TYPICAL ROAD SECTION  
C15 SCALE: N.T.S.



3 CHAIN LINK FENCE DETAIL  
C15 SCALE: N.T.S.

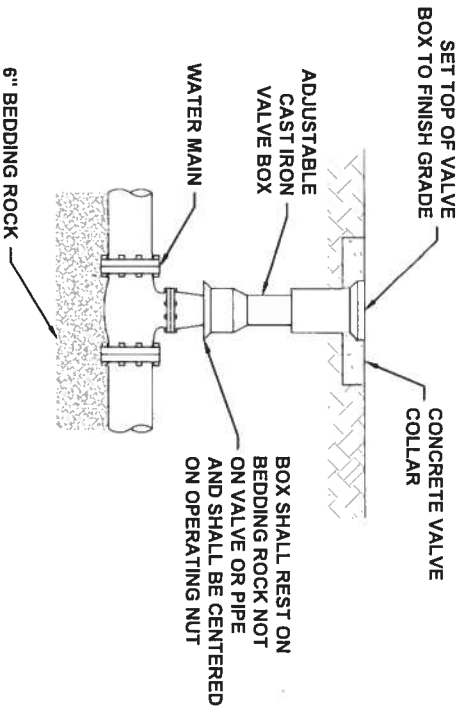
MISC. DETAILS  
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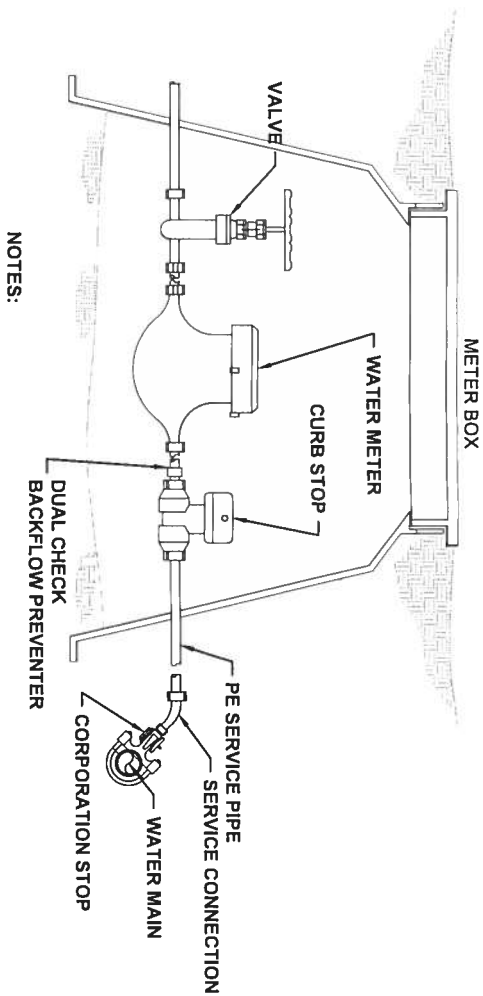
JOB NUMBER: 170821KAZ  
DESIGNED BY: TH DRAFTED BY: LH CHECKED BY: GB  
ENGINEER OF RECORD:  
GREGORY G. BAILEY  
P.E. NO.: 43858  
DATE 08/17  
SHEET NO.  
C15

FDOT Submittal

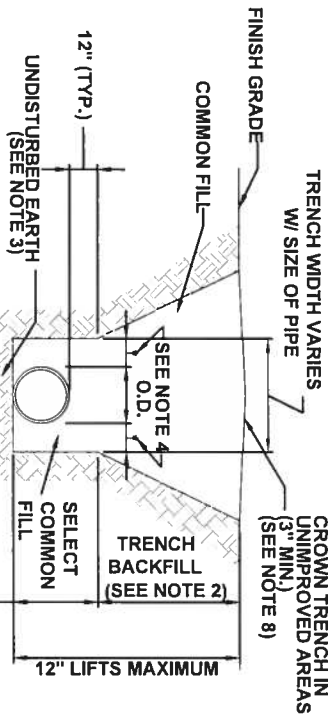


- NOTES:
1. PVC EXTENSIONS SHALL NOT BE USED ON VALVE BOX INSTALLATION.
  2. THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO COME UP TO 4 FOOT DEPTH BELOW FINISHED GRADE.

1 VALVE AND BOX DETAIL  
C16 SCALE: N.T.S.

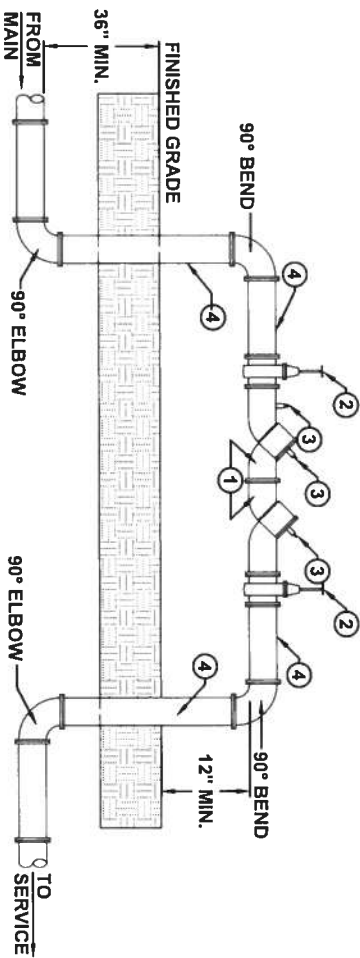


2 METER BOX ASSEMBLY  
C16 SCALE: N.T.S.



- NOTES:
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
  2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
  3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK WILL BE REQUIRED IF OVER-EXCAVATION OCCURS.
  4. (1): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. 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. PROVIDE TRENCH SLOPING AND BRACING AS REQUIRED FOR SAFETY.
  8. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN PAVED AREAS SHALL COMPLY WITH THE REQUIREMENTS OF THE ROAD CONSTRUCTION SPECIFICATIONS.

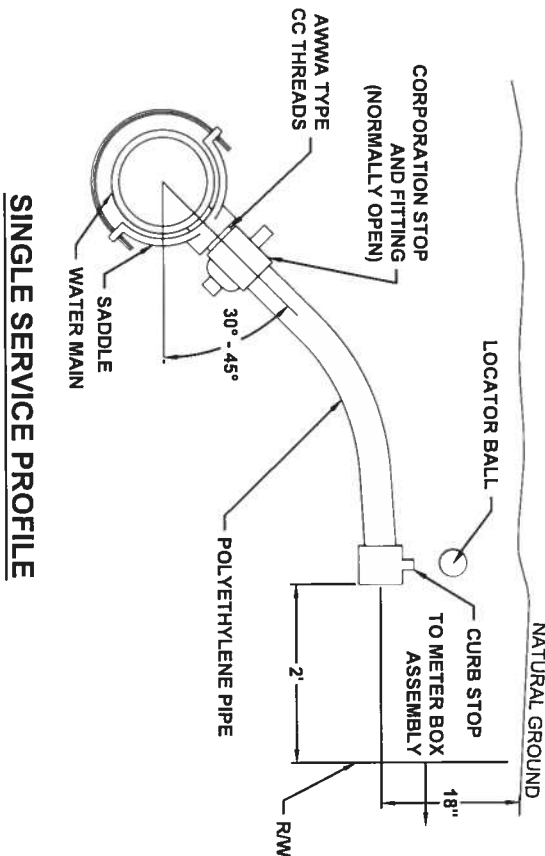
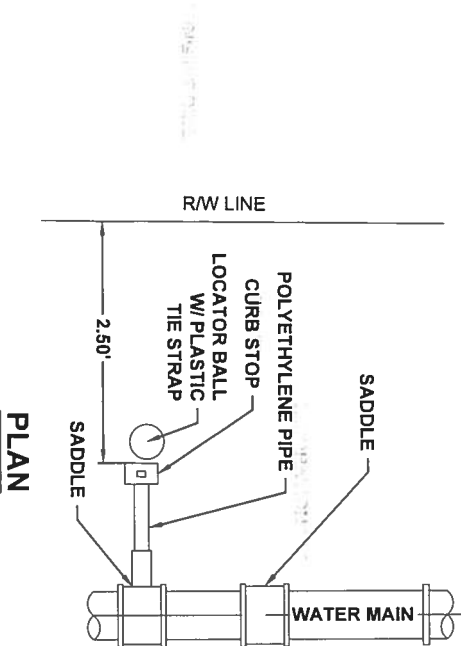
3 TRENCH AND BACKFILL DETAILS  
C16 SCALE: N.T.S.



MATERIALS	
ITEM	DESCRIPTION
1	BACKFLOW PREVENTER
2	GATE VALVE
3	TEST COCKS
4	DUCTILE IRON PIPE - FLANGED END x FLANGED END

- NOTES:
1. UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
  2. UNDER NO CIRCUMSTANCES, SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR THIS OR OTHER APPLICATION OTHER THAN BACKFLOW DEVICE TESTING.
  3. PROVIDE AND INSTALL COVER OVER BACKFLOW PREVENTER AS READ BY LOCAL AUTHORITIES

4 DOUBLE CHECK BACKFLOW PREVENTER  
C16 SCALE: N.T.S.



- NOTES:
1. ALL FITTINGS SHALL BE BRASS WITH COMPRESSION/ PACK JOINT TYPE CONNECTIONS.
  2. NO SERVICE LINE SHALL TERMINATE UNDER A DRIVEWAY.
  3. EACH SERVICE LINE SHALL TERMINATE AT A CURB STOP WHICH SHALL BE BURIED APPROXIMATELY 3" BELOW FINAL GRADE AND SHALL BE CLEARLY MARKED WITH A 2" x 2" x 18" STAKE WITH THE TOP PAINTED BLUE AND MARKED WITH THE NUMBER OF THE LOT TO BE SERVED.
  4. CONTRACTOR SHALL PROVIDE LOCATOR BALLS W/ PLASTIC TIE STRAPS. LOCATOR BALLS SHOULD BE SECURED TO LATERAL W/ TIE STRAP.

5 WATER SERVICE CONNECTION DETAILS SINGLE  
C16 SCALE: N.T.S.

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