

STEWART MARCHMAN-ACT VINCE CARTER SANCTUARY PHASE II

FINAL SITE PLAN BUNNELL, FLORIDA

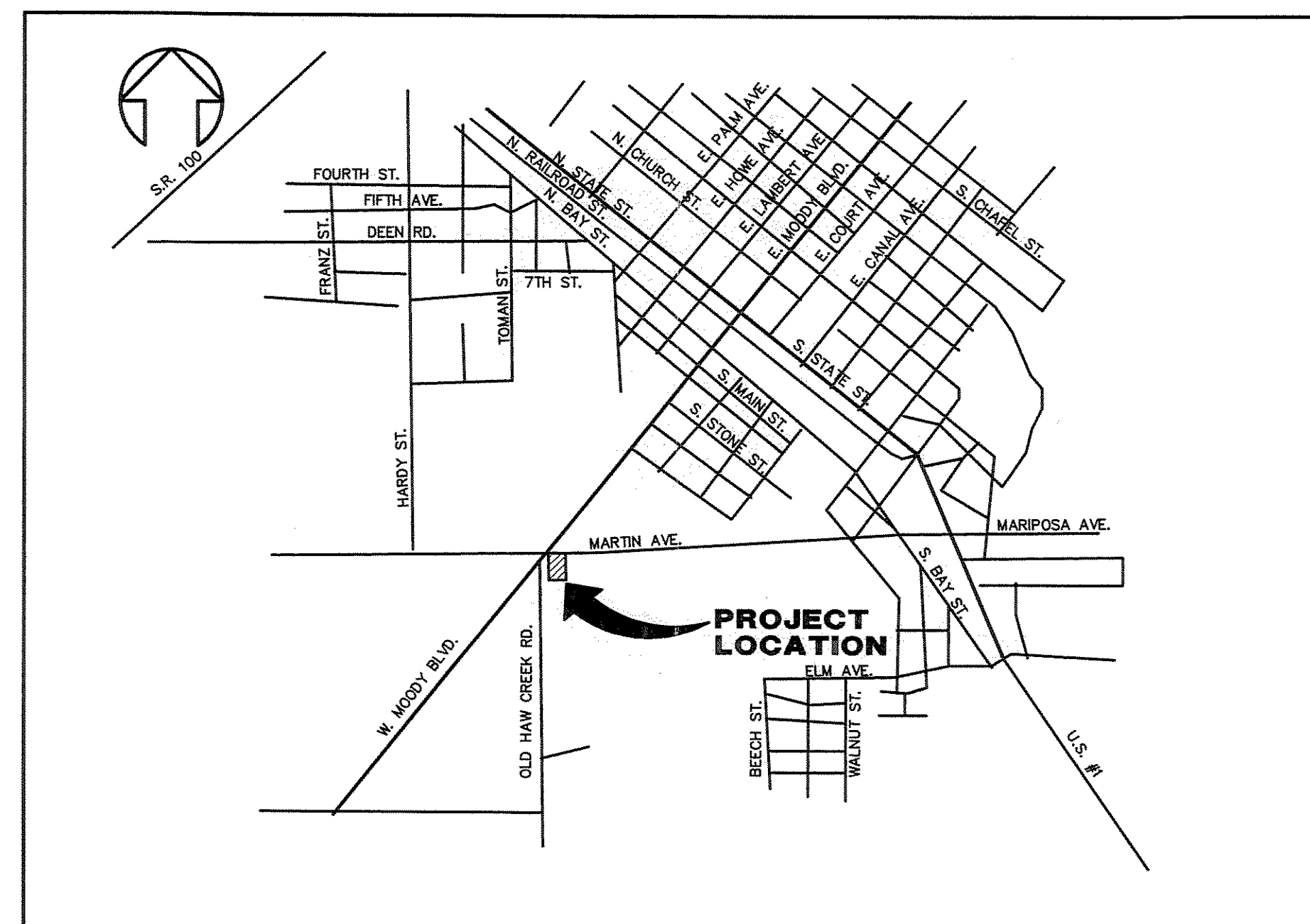
GENERAL NOTES:

- BOUNDARY, TOPOGRAPHIC, AND TREE SURVEY PREPARED BY EAST COAST SURVEYING, INC. ANTHONY SANZONE PSM #6309 DATED 8/11/04.
- WATER & SEWER IMPROVEMENTS TO MEET CITY OF BUNNELL CONSTRUCTION SPECIFICATIONS. POTABLE WATER TO BE PROVIDED BY CITY OF BUNNELL.
- CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION AND TO REPORT ANY DISCREPANCIES TO DESIGN ENGINEER.
- TRAFFIC CONTROL SIGNS TO BE IN ACCORDANCE WITH D.O.T. STANDARD SPECIFICATIONS. ALL STOP SIGNS, SPEED LIMIT AND STREET SIGNS REQUIRED TO BE PROVIDED BY DEVELOPER IN ACCORDANCE WITH FLAGLER COUNTY SPECIFICATIONS. THE REQUIRED STREET NAME AND STOP SIGN SHALL BE MOUNTED ON A SINGLE POST. STREET NAME SIGNS TO HAVE 4" HIGH LETTERING. ALL TRAFFIC CONTROL SIGNS SHALL BE FABRICATED USING 3M BRAND "SCOTCHLITE" SHEETING (ENGINEER GRADE) ON MIN. 0.080 GAUGE ALUMINUM BLANKS. ALL STOP SIGNS SHALL BE 30" OCTAGONS INSTALLED ON 12', 3LBS/FT "U" CHANNEL POSTS (RAIL STEEL ONLY) OR 3"x12' ROUND ALUMINUM POSTS. "U" CHANNEL POSTS MAY BE USED FOR ALL SIGNS SMALLER THAN 36"x48". STOP SIGNS FOR ALL STREETS INTERSECTING WITH OLD KINGS ROAD SHALL BE 36" OCTAGONS. ALL WARNING SIGNS SHALL BE 30"x30". ALL STREET NAME SIGNS SHALL BE 6' IN HEIGHT WITH 4" HIGH WHITE LETTERS ON A GREEN BACKGROUND WITH A MINIMUM 24" LENGTH.
- SHOP DRAWINGS FOR ALL UTILITIES TO BE APPROVED BY PARKER MYNCHENBERG & ASSOCIATES PRIOR TO CONSTRUCTION.
- ALL DISTURBED AREAS TO BE SEEDED AND MULCHED EXCEPT AS INDICATED OTHERWISE. DISTURBED AREAS IN R/W SHALL BE SODDED.
- MINIMUM SEPARATION BETWEEN SANITARY SEWER FORCE MAIN AND GRAVITY SEWER MAINS AND POTABLE WATER MAINS OR DRAINAGE PIPING IS 6 FT. HORIZONTAL AND 18 INCHES VERTICAL.

PARKING CALCULATIONS

PARKING REQUIRED:
 EMPLOYEE LARGEST SHIFT = 35 x 1 SPACE PER EMPLOYEE = 35
 VISITOR PARKING = 10
 FUTURE FITNESS CENTER = 16
 PARKING REQUIRED = 61

PARKING PROVIDED:
 EXISTING:
 HANDICAP = 8
 STANDARD = 80
 TOTAL = 88



VICINITY MAP

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SHEET NO.	DESCRIPTION
1	COVER SHEET
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5	IRRIGATION PLAN
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PARKER MYNCHENBERG & ASSOCIATES, INC.

PROFESSIONAL ENGINEERS * LANDSCAPE ARCHITECTS
 1729 RIDGEWOOD AVENUE HOLLY HILL, FLORIDA 32117
 (386) 677-6891 FAX (386) 677-2114 E-MAIL: info@parkermynchenberg.com
 CERTIFICATE OF AUTHORIZATION NUMBER: 00003910

GENERAL INFORMATION

OWNER/DEVELOPER:

STEWART MARCHMAN-ACT
 214 LOOMIS AVE.
 DAYTONA BEACH, FL. 32124
 (386) 947-1416 FAX (386) 947-1343
 DEBORAH ZEOLI, PRESIDENT
 STEWART MARCHMAN-ACT FOUNDATION
 dzeoli@smbehavioral.org

ENGINEER & LANDSCAPE ARCHITECT:

PARKER MYNCHENBERG & ASSOC., INC.
 PARKER MYNCHENBERG, P.E. #32645 L.A. #1553
 1729 RIDGEWOOD AVENUE
 HOLLY HILL, FLORIDA 32117
 (386) 677-6891 FAX (386) 677-2114
 info@parkermynchenberg.com

CONTRACTOR:

HALL CONSTRUCTION
 DENNIS HALL
 P.O. BOX 1987
 DAYTONA BEACH, FLORIDA 32115
 (386) 252-2526 FAX (386) 252-2806
 dhall@hallconstruction.com

ARCHITECT:

DJ DESIGN SERVICES, INC.
 MR. DANAN SMITH
 913 NORTH NOVA ROAD
 HOLLY HILL, FLORIDA 32117
 (386) 255-6987 FAX (386) 255-6989
 info@parkermynchenberg.com

SITE INFORMATION

STATEMENT OF USE: CHEMICAL DEPENDENCY FACILITY
 EXISTING FACILITY = 9.92 AC.

EXISTING BUILDINGS:
 7,081 SF
 5,942 SF
 (2) RESIDENTIAL = 2 @ 7,800 = 15,600 S.F.
 (1) ADMINISTRATION = 1 @ 8,264 = 8,264 S.F.
 =36,887 S.F.

PROPOSED BUILDING:

(1) FITNESS CENTER = 1 @ 7,932 = 7,932 S.F.

TOTAL = 44,819 S.F.

TOTAL EXISTING AND PROPOSED = 36,887 S.F. (EXIST.) + 7,932 S.F.(PROPOSED) = 44,819 S.F. = 10.29% COVERAGE

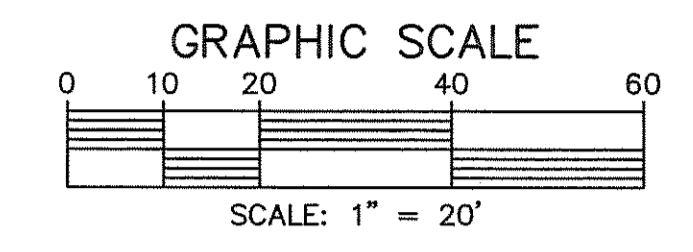
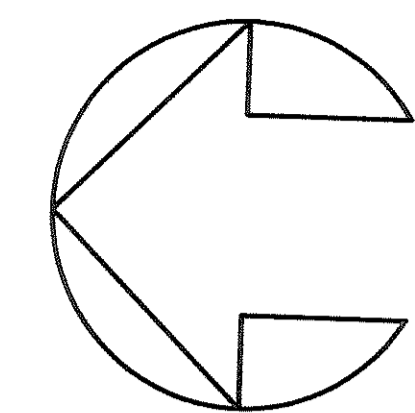
IMPERVIOUS AREA:

EXISTING:
 BUILDINGS = 43,753 S.F.
 PARKING, DRIVEWAYS, SIDEWALKS = 65,645 S.F.
 TOTAL EXISTING = 109,398 S.F.

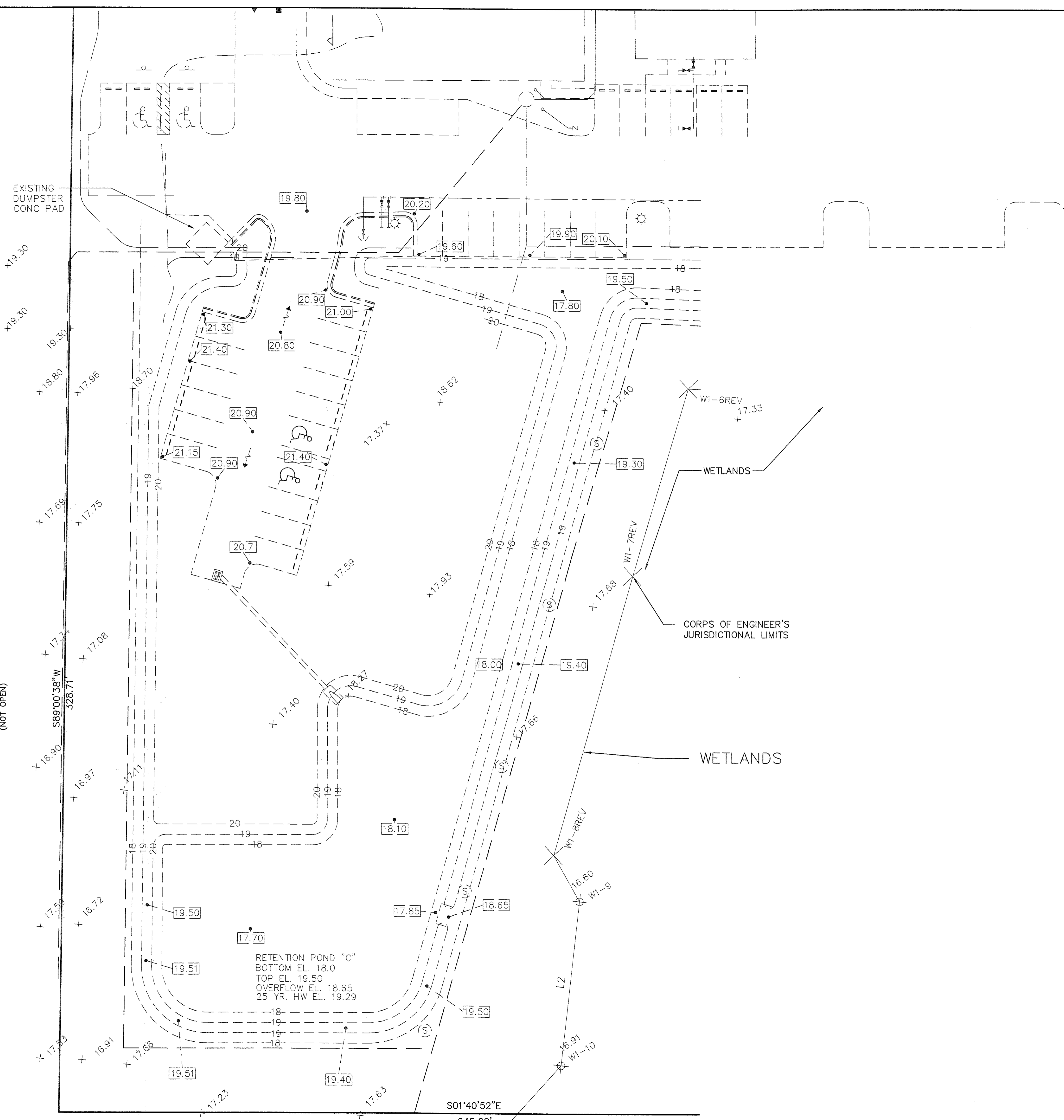
PROPOSED:
 BUILDING = 7,932 S.F.
 SIDEWALK = 1,125 S.F.

TOTAL PROPOSED IMPERVIOUS AREA = 118,455 S.F. = 27.42%
 LANDSCAPE AREA = 313,660 S.F. = 72.58%

NO.	DATE	REVISIONS	DESCRIPTION	JD	BY
1	11-7-11	REVISED			
COVER SHEET					
STEWART MARCHMAN-ACT VINCE CARTER SANCTUARY PHASE II					
BUNNELL * FLORIDA					
FILE NO.	11-23CS_1.DWG	DESIGNER:	P.MYNCHENBERG		
DATE:	5-5-11	CADD TECH:	DE CILLA		
SCALE:	NOTED	SHEET	1 OF 6		



MARTIN STREET
30' R/W
(NOT OPEN)



EXISTING
DUMPSTER
CONC PAD

WETLANDS

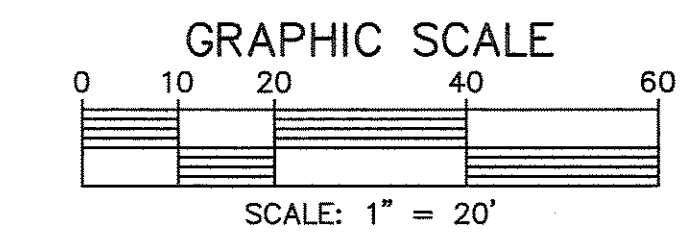
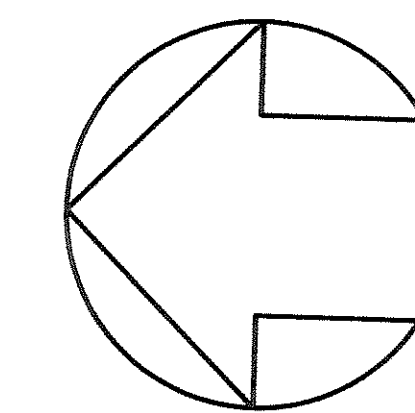
CORPS OF ENGINEER'S
JURISDICTIONAL LIMITS

WETLANDS

RETENTION POND "C"
BOTTOM EL. 18.0
TOP EL. 19.50
OVERFLOW EL. 18.65
25 YR. HW EL. 19.29

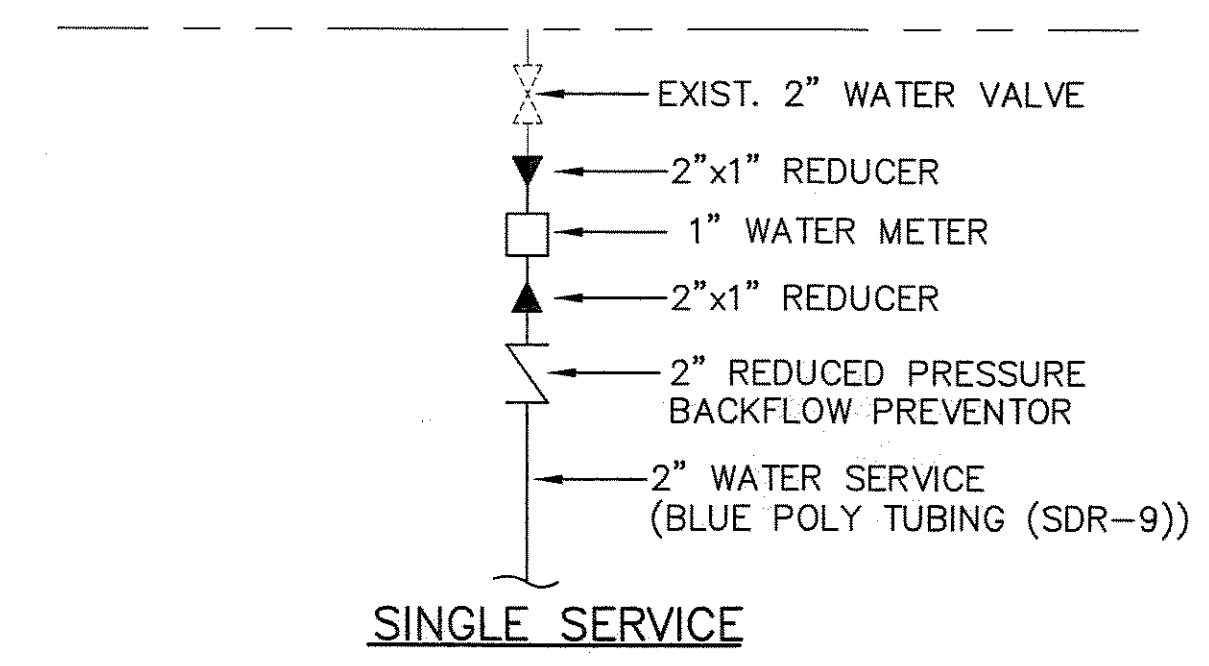
S01°40'52"E
645.00'

NO.	DATE	DESCRIPTION	BY
REVISIONS			
PARKER MYNCHENBERG & ASSOCIATES, INC.			
PROFESSIONAL ENGINEERS * LANDSCAPE ARCHITECTS 1729 RIDGEWOOD AVENUE HOLLY HILL, FLORIDA 32117 (386)677-6891 FAX(386)677-2114 E-MAIL: info@parkermynchenberg.com CERTIFICATE OF AUTHORIZATION NUMBER: 00003910			
EXISTING SITE CONDITIONS			
STEWART MARCHMAN-ACT VINCE CARTER SANCTUARY PHASE			
BUNNELL * FLORIDA			
FILE NO. 11-23SP	DESIGNER: P.MYNCHENBERG		
DATE: 5-5-11	CADD TECH: DE CILLA		
SCALE: 1" = 20'	SHEET 2 OF 6		

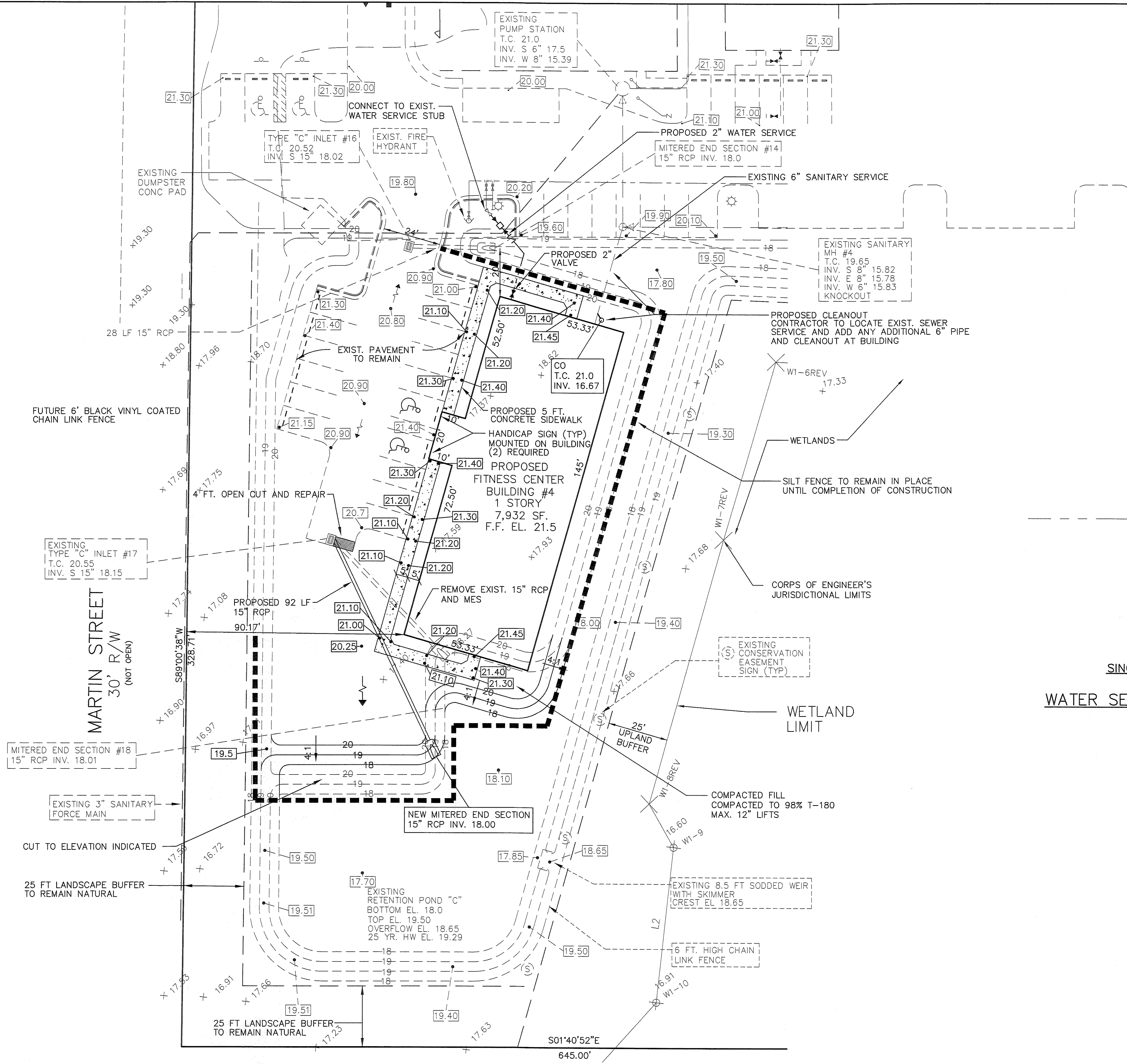


LEGEND

- EXISTING GRADE
- EXISTING CONTOUR
- EXISTING GRADE
- PROPOSED GRADE
- PROPOSED CONTOUR
- PROPOSED DRAINAGE FLOW PATTERN
- SILT FENCE (TYP.)

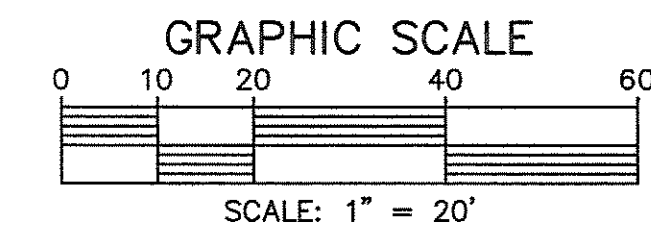
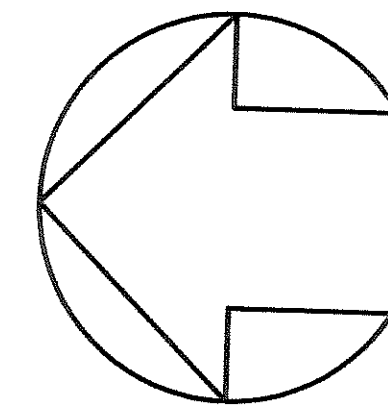


WATER SERVICE CONNECTION DETAIL



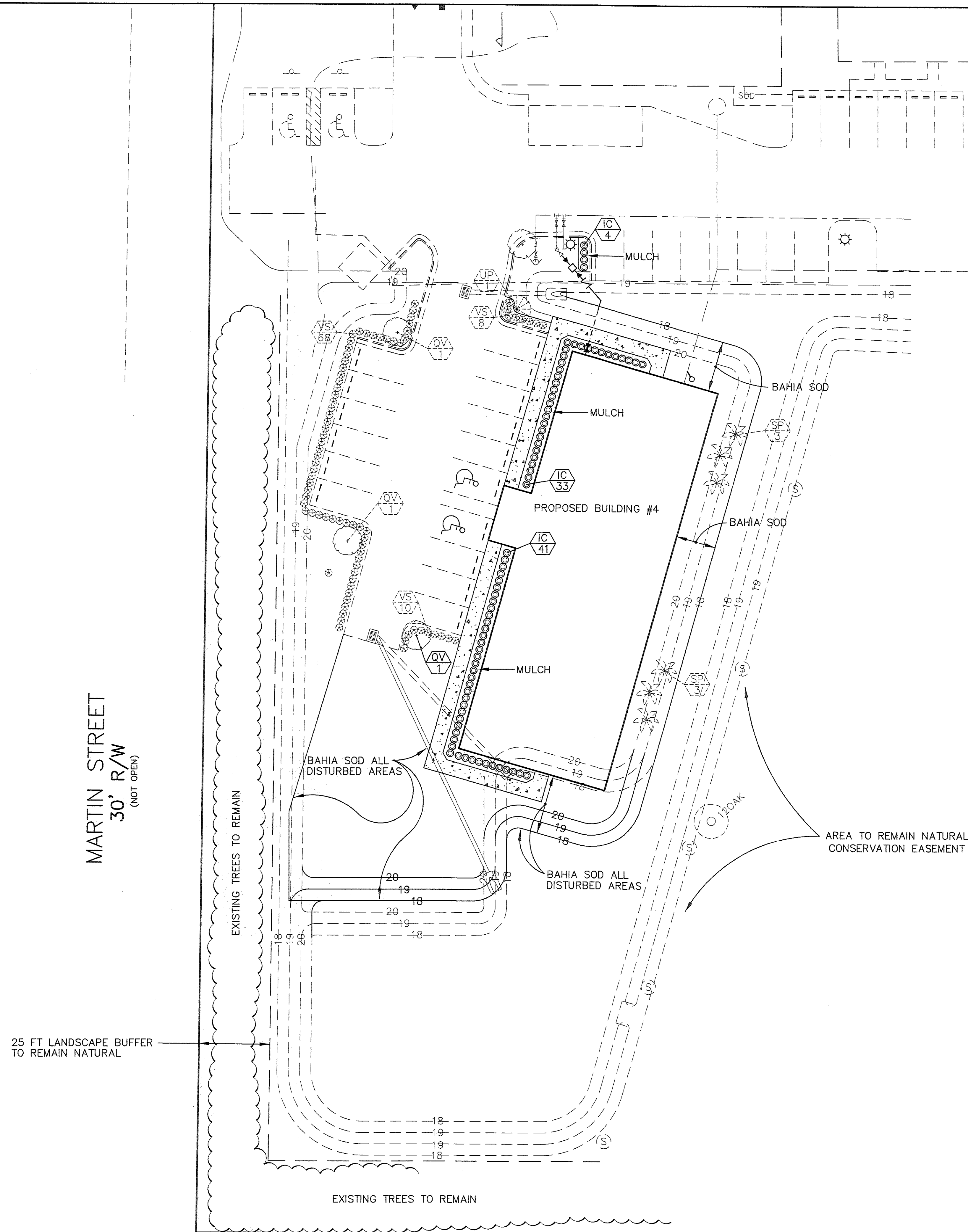
NO.	DATE	REVISIONS	DESCRIPTION	JD	BY
1	11-7-11	REVISED			

PARKER MYNCHENBERG & ASSOCIATES, INC.	
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(386)677-6891 FAX(386)677-2114 E-MAIL: info@parkermynchenberg.com	
CERTIFICATE OF AUTHORIZATION NUMBER: 000039106	
FINAL SITE PLAN	
STEWART MARCHMAN—ACT	
VINCE CARTER SANCTUARY PHASE II	
BUNNELL * FLORIDA	
FILE NO. 11-23SP	DESIGNER: P.MYNCHENBERG
DATE: 5-5-11	CADD TECH: DE CILLA
SCALE: 1" = 20'	SHEET 3 OF 6



PLANT LIST					
SYMBOL	ABB.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE
○	IC	74	ILEX CORNUTA "BURFORDI"	BURFORD HOLLY	3 GAL., 24" HT. MIN. 30" O.C.
SOD			BAHIA SOD WHERE NOTED (982 SQ. YD.)		

○ 60AK DENOTES EXISTING TREE TO REMAIN



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LANDSCAPE PLAN

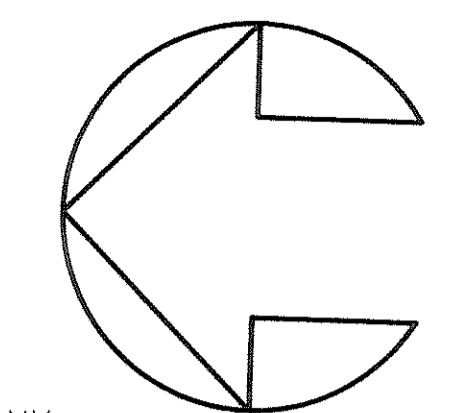
STEWART MARCHMAN-ACT
 VINCE CARTER SANCTUARY PHASE II
 BUNNELL * FLORIDA

FILE NO. 11-23SP	DESIGNER: P.MYNCHENBERG
DATE: 5-5-11	CADD TECH: DE CILLA
SCALE: 1" = 20'	SHEET 4 OF 6

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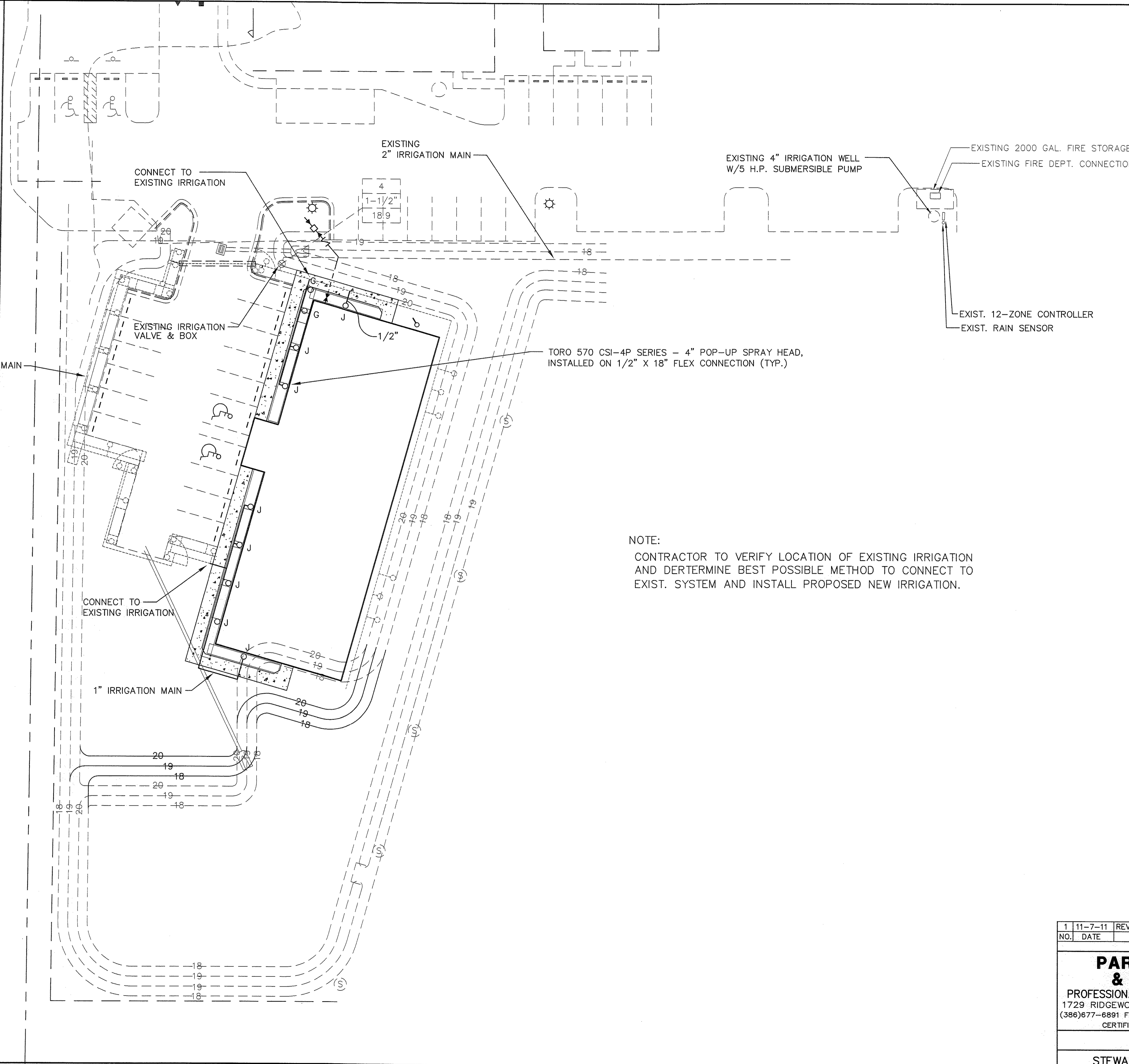
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PROVIDE NEW CONTROLLER AS REQUIRED TO ACCOMMODATE ADDITIONAL ZONES.



GRAPHIC SCALE
0 10 20 40 60
SCALE: 1" = 20'

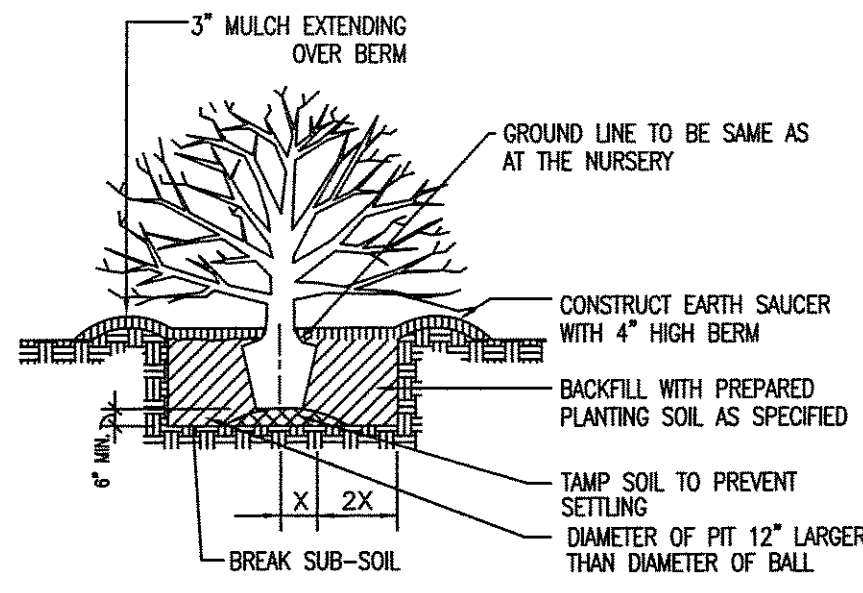
MARTIN STREET
30' R/W
(NOT OPEN)



NOTE:
CONTRACTOR TO VERIFY LOCATION OF EXISTING IRRIGATION AND DETERMINE BEST POSSIBLE METHOD TO CONNECT TO EXIST. SYSTEM AND INSTALL PROPOSED NEW IRRIGATION.

NO.	DATE	REVISION	DESCRIPTION	BY
1	11-7-11	REVISED		JD
REVISIONS				
PARKER MYNCHENBERG & ASSOCIATES, INC.				
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(386)677-6891 FAX(386)677-2114 E-MAIL: info@parkermynchenberg.com				
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IRRIGATION PLAN				
STEWART MARCHMAN-ACT				
VINCE CARTER SANCTUARY PHASE II				
BUNNELL * FLORIDA				
FILE NO.	11-23SP	DESIGNER:	P.MYNCHENBERG	
DATE:	5-5-11	CADD TECH:	DE CILLA	
SCALE:	1" = 20'	SHEET	5 OF 6	SEA

C:\WORK\STEWART MARCHMAN BUNNELL\5-11 NEW BUILDING\REV #1 11-7-11\11-23SP_1.dwg, 11/09/2011 8:31:42 AM, HP DesignJet T1100 4in HPCL2.pcs, 1:20



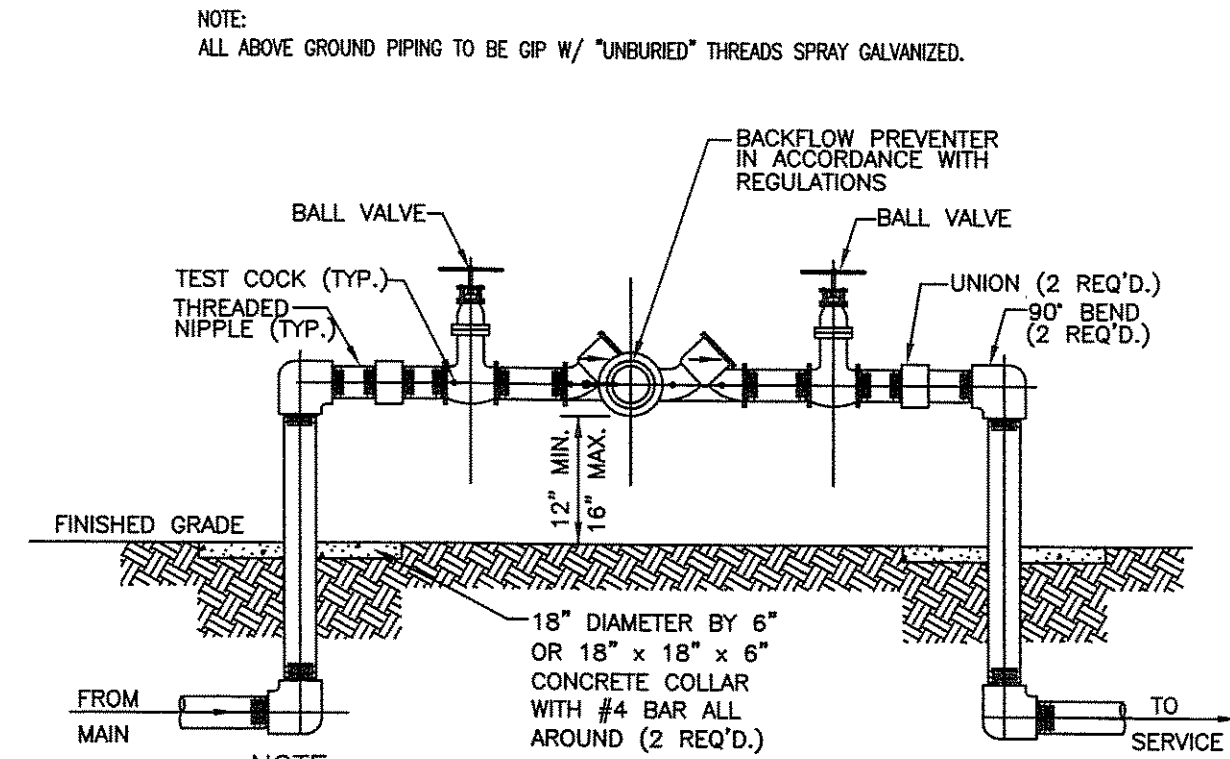
SHRUB PLANTING DETAIL

LANDSCAPE NOTES

LANDSCAPE REQUIREMENTS:

- 1.) ALL PLANT MATERIALS SHALL BE FLORIDA NO. 1 GRADE OR BETTER, ACCORDING TO THE CURRENT "GRADES AND STANDARDS FOR NURSERY PLANTS", STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE, TALLAHASSEE. TREES AND SHRUBS ARE TO BE CONTAINER GROWN. NO BALL AND BURLAP OR NON-CONTAINERIZED PLANTS WILL BE ALLOWED.
 - A. TREES: TREE SPECIES SHALL BE A MINIMUM OF 10 FT. IN HEIGHTS, IMMEDIATELY AFTER PLANTING. PALMS SHALL BE CONSIDERED TREES. ALSO, TREES PLANTED WITHIN 12 FT. OF PUBLICLY-MAINTAINED STREETS OR OTHER PUBLIC IMPROVEMENTS SHALL BE SELECTED FROM A "LIST OF TREES" AVAILABLE AT THE PLANNING DEPARTMENT.
 - B. SHRUBS AND HEDGES: SHRUBS AND HEDGES SHALL BE A MINIMUM OF 2 FT. IN HEIGHT, IMMEDIATELY AFTER PLANTING. PLANTS SHALL BE SPACED NO MORE THAN 3 FT. APART MEASURED FROM CENTER TO CENTER.
 - C. GROUND COVERS: GROUND COVERS MAY INCLUDE ANY PLANT MATERIALS THAT REACH AN AVERAGE HEIGHT OF NOT MORE THAN 12 INCHES. THEY MAY BE USED IN LIEU OF GRASS. GROUND COVERS MUST PRESENT A FINISHED APPEARANCE AND PROVIDE REASONABLY COMPLETE COVERAGE AT TIME OF PLANTING.
 - D. LAWN GRASS: GRASSED AREAS SHALL BE PLANTED WITH ST. AUGUSTINE SOLID SOD. SOD IS REQUIRED IN SWALES OR OTHER AREAS SUBJECT TO SOIL EROSION.
- 2.) ALL PLANTER AREAS SHALL BE EXCAVATED PER DETAIL OF ALL PAVEMENT COMPACTED BASE MATERIAL, ETC. TO NATURAL SOIL DEPTH BACKFILLED TO DEPTH TO ACCEPT PROPOSED TREE AND INSURE MINIMUM OF 12" BACKFILL ALL AROUND BALL WITH CLEAN FILL DIRT TO FINISHED GRADE ELEVATIONS. FINISH SOIL ELEVATION SHALL BE 2-3 INCHES BELOW EDGE OF ADJACENT PAVEMENT OR CURB TO ALLOW FOR PLACEMENT OF MULCH.
- 3.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING PROJECT SOILS. THE CONTRACTOR SHALL PROVIDE A CERTIFIED SOILS REPORT TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY THAT ON-SITE SOILS ARE ACCEPTABLE FOR PROPER GROWTH OF THE PROPOSED PLANT MATERIAL. SHOULD THE CONTRACTOR FIND POOR SOIL CONDITIONS, THE OWNER'S REPRESENTATIVE SHALL BE CONSULTED PRIOR TO PLANTING.
- 4.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS AND WORK CALLED FOR IN THE LANDSCAPE PLAN DOCUMENTS. THE PLANT LIST QUANTITIES SHALL BE USED AS A GUIDE ONLY. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES AND REPORT ANY DISCREPANCIES.

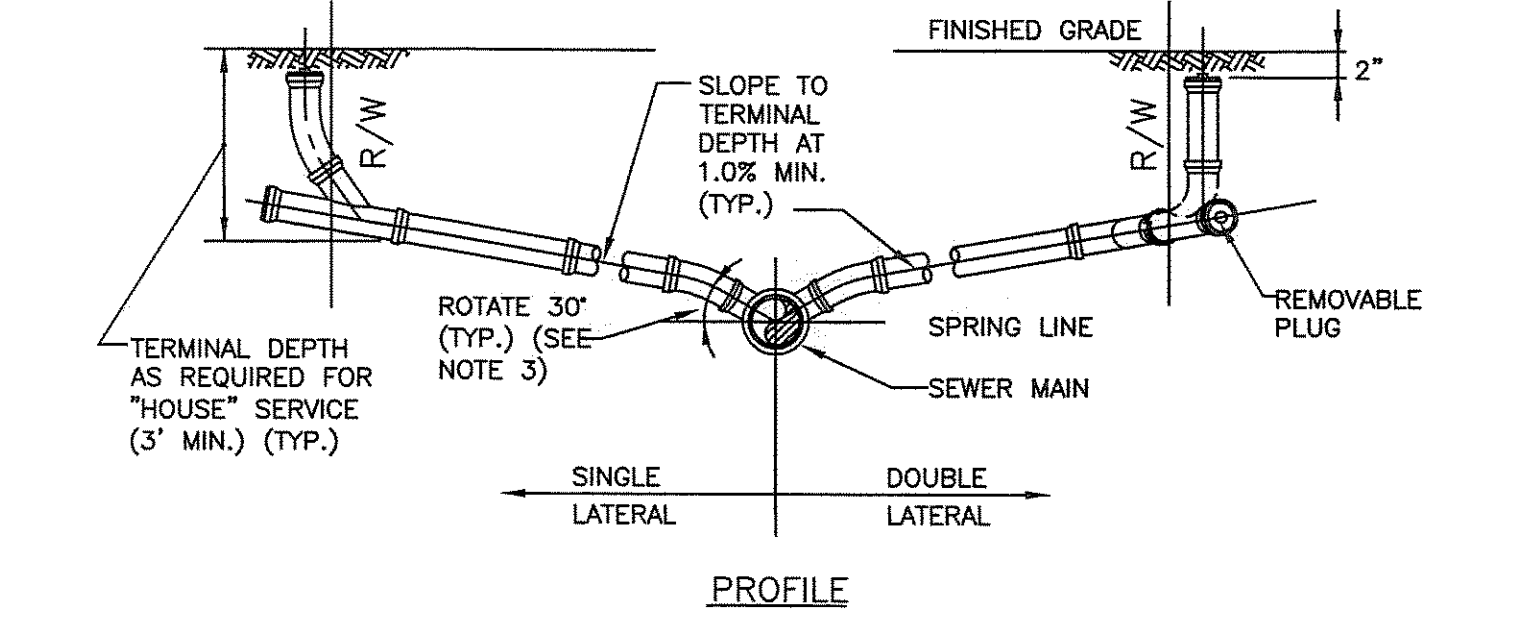
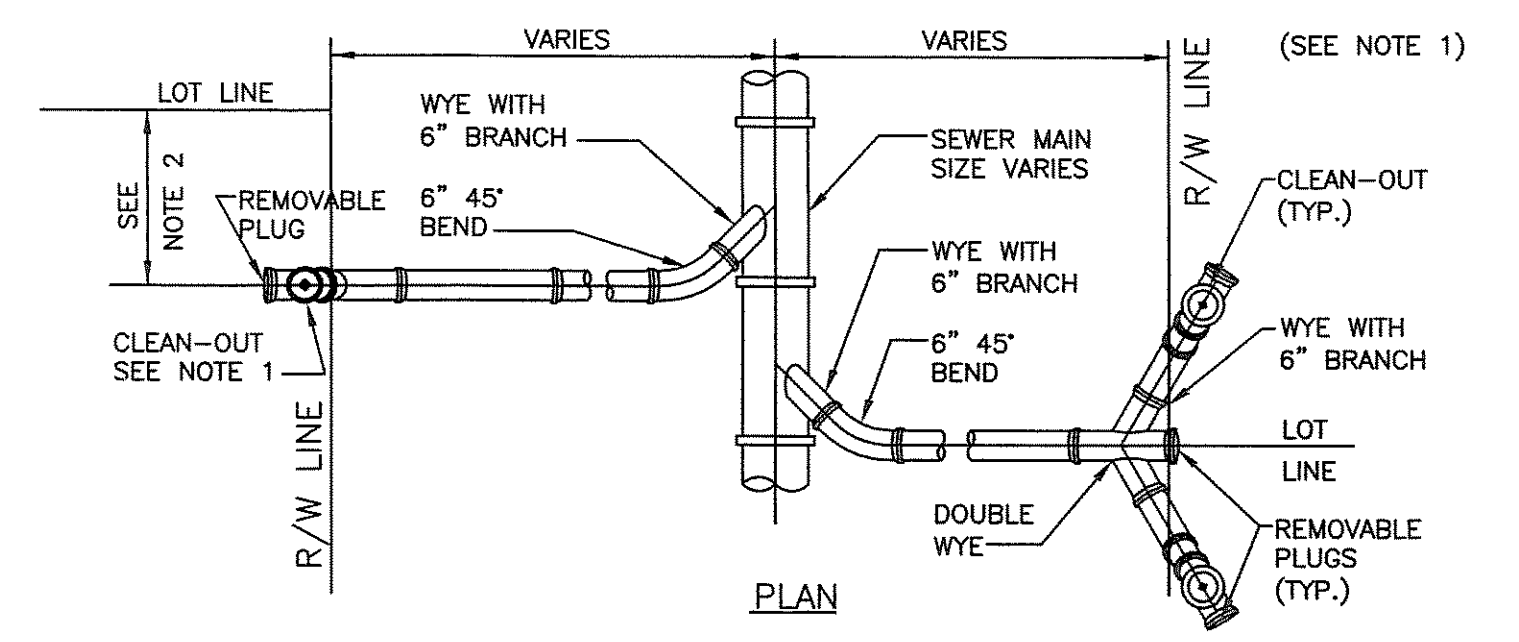
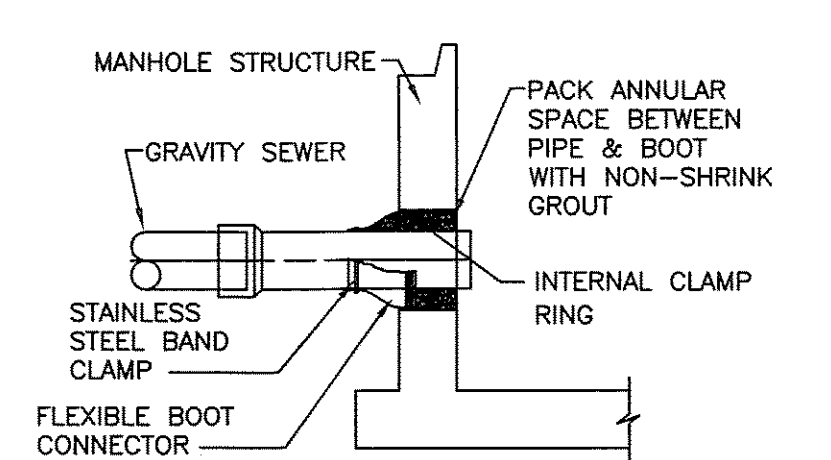
- 5.) ALL PLANT BEDS AND ALL EXISTING AND PROPOSED PARKING LOT ISLANDS SHALL BE DRESSED WITH 3" MINIMUM SHREDDED CYPRESS MULCH.
- 6.) THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR STABILITY AND PLUMB CONDITION OF ALL PLANTS AND SHALL BE LEGALLY LIABLE FOR ANY DAMAGE CAUSED BY INSTABILITY OF PLANT MATERIALS.
- 7.) THE CONTRACTOR SHALL DISPOSE OF STUMPS AND MAJOR ROOTS OF ALL PLANTS TO BE REMOVED.
- 8.) THE LANDSCAPE CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH ALL OTHER WORK TO BE DONE ON SITE, PRIOR TO LANDSCAPE INSTALLATION.
- 9.) THE CONTRACTOR SHALL INSURE ADEQUATE VERTICAL DRAINAGE IN ALL PLANT PITS. TEST HOLES FOR THE VISUAL INSPECTION OF DRAINAGE SHALL BE DUG PRIOR TO INSTALLATION OF ANY PLANTS. THE CONTRACTOR SHALL AMEND POOR DRAINAGE UNTIL ACCEPTABLE FOR PLANT SURVIVABILITY.
- 10.) PLANTING BACKFILL MIX SHALL BE 1/4 PEAT, 1/4 COMPOSTED COW MANURE, 1/2 CLEAN SOIL.
- 11.) THE CONTRACTOR SHALL REPLACE ALL PLANTS WHICH ARE NOT IN A HEALTHY, GROWING CONDITION PRIOR TO ACCEPTANCE. ALL PLANTS SHALL BE MAINTAINED AND GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF 90 DAYS FOLLOWING ACCEPTANCE BY THE OWNER. ANY PLANTS FOUND NOT TO BE IN A HEALTHY GROWING CONDITION AT THE END OF THE GUARANTEE PERIOD SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- 12.) SOD SHALL BE STRONG, SOLID SOD PLACED EVENLY AND WITHOUT GAPS BETWEEN PIECES. GROUND SHALL BE THOROUGHLY WETTED BEFORE PLACING SOD. SOD SHALL BE PLACED TO LIMITS SHOWN AND TO THE EXTENT OF DAMAGED EXISTING SOD. EXISTING GROUND SHALL BE STRIPPED BEFORE PLACING NEW SOD.
- 13.) THE LIVE OAKS SHALL BE CONTAINER GROWN AND NOT BAG AND BURLAP TYPE. LIVE OAKS SHALL BE PLANTED 2" ABOVE GRADE.
- 14.) THE APPLICANT SHALL MARK HARMLESSLY, WITHOUT PAINTING OR NAILING, FOR IDENTIFICATION PURPOSES, THOSE TREES TO BE RETAINED. ADHESIVE BACKED STICKERS (GOVERNING TREE REMOVAL) SHALL BE AFFIXED TO EACH INDIVIDUAL BARRICADE, SUCH THAT THERE IS ONE (1) STICKER EVERY FIFTEEN (15') FEET ALONG THE LENGTH OF THE BARRICADE. THE STICKERS SHALL CONTAIN THE FOLLOWING WORDS:



- NOTE:
1. ALL PIPE VALVES AND FITTINGS 2" AND SMALLER SHALL BE THREADED BRASS.
 2. ACCEPTABLE MODELS:
 - WATTS 909
 - FEBCO 825Y (D)
 - WILKINS 975XL
 - CONBRACO 400
 - OR APPROVED EQUAL
 3. THIS DETAIL IS REPRESENTATIVE OF ACCEPTABLE REDUCED PRESSURE BACKFLOW DEVICES FOR SERVICES 2" IN DIAMETER OR SMALLER

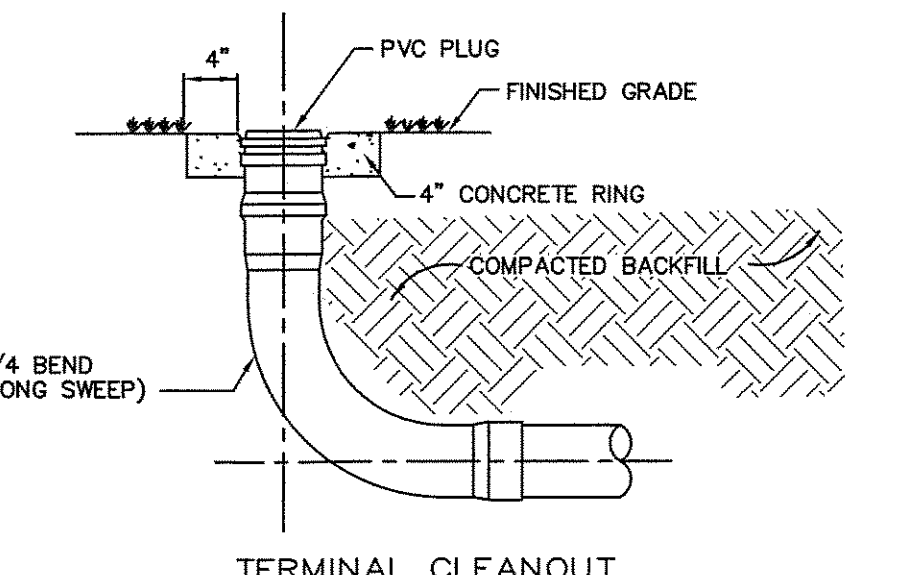
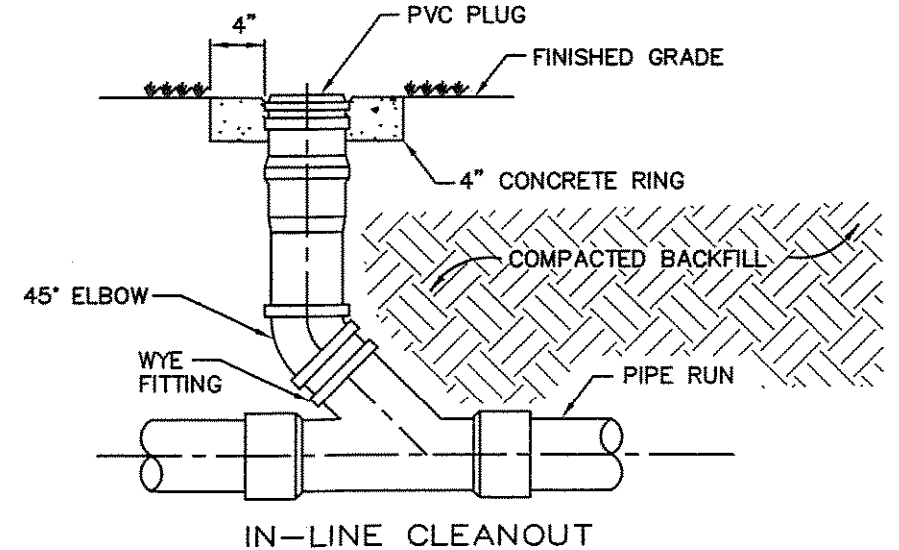
REDUCED PRESSURE BACKFLOW

MANHOLE CONNECTION DETAIL

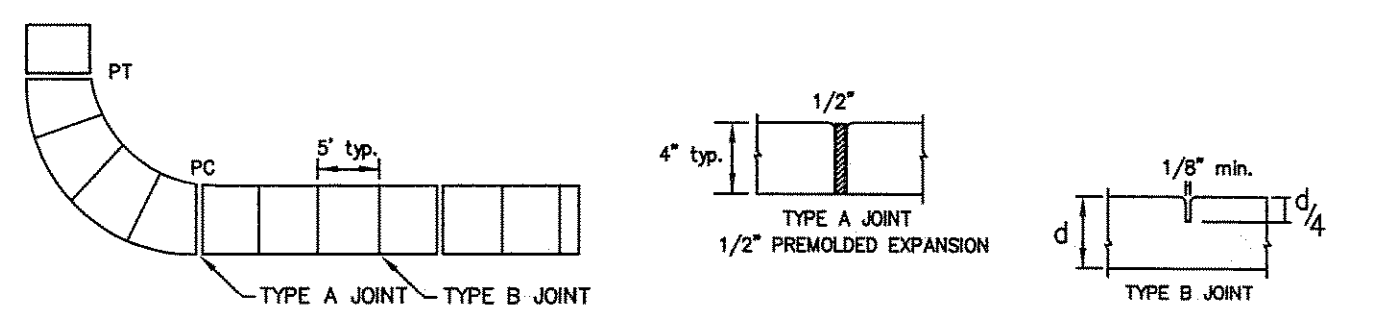


- NOTES:
1. CLEAN-OUT (SHOWN DASHED) SHALL BE INSTALLED BY THE UTILITY CONTRACTOR IN ACCORDANCE WITH STANDARD PLUMBING CODE.
 2. LOCATE DOUBLE LATERAL AS CLOSE TO LOT LINE AS POSSIBLE, 5' MAXIMUM.
 3. INVERT OF SERVICE LATERAL SHALL NOT ENTER SEWER MAIN BELOW SPRING LINE.
 4. DOUBLE SERVICE LATERAL TO BE USED ONLY WHEN BOTH BUILDING SLAB ELEVATIONS ARE WITHIN 0.33 FEET (4 INCHES).

TYPICAL SERVICE LATERAL DETAIL

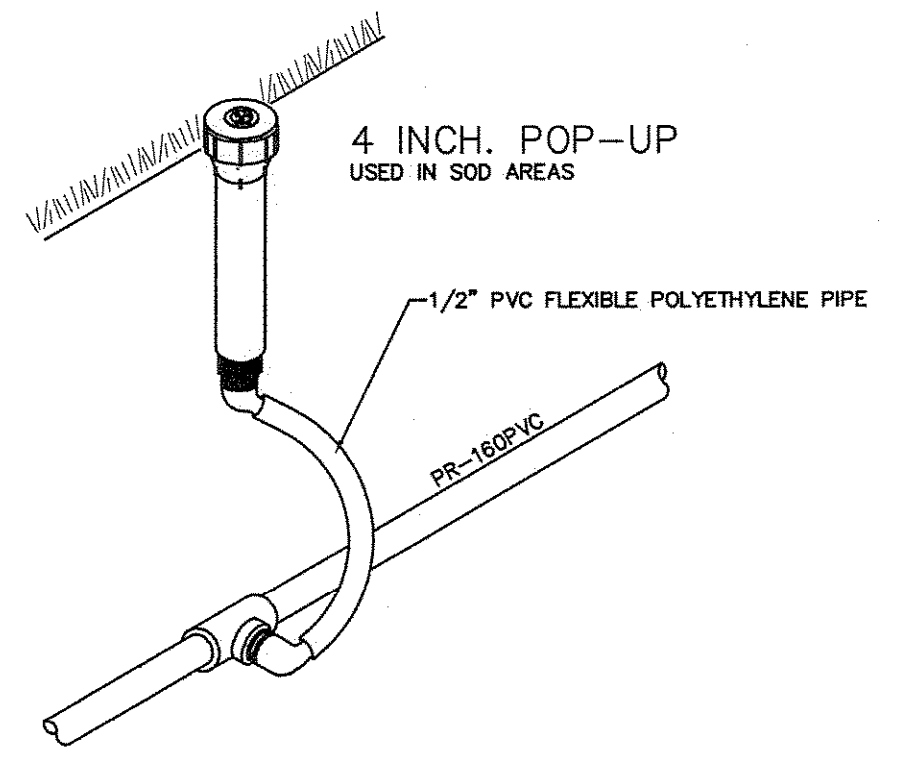


NOTE:
CONCRETE COLLAR REQUIRED IN UNPAVED AREAS
SANITARY LATERAL CLEANOUT DETAIL
NTS



1. SIDEWALKS, BIKEPATHS, RAMPS, AND DRIVEWAY APRONS SHALL BE CONSTRUCTED OF PLAIN PORTLAND CEMENT CONCRETE WITH A MAXIMUM SLUMP OF 3 INCHES. A MINIMUM DEVELOPED COMPRESSIVE STRENGTH OF 2500 P.S.I. IN 28 DAYS, AND A MINIMUM UNIFORM THICKNESS OF 4 INCHES WHERE INTENDED SOLELY FOR PEDESTRIAN TRAFFIC, AND 6 INCHES THICK WHERE MOTOR VEHICLES ARE LIKELY TO CROSS. SIDEWALKS SHALL BE 5 FOOT WIDE UNLESS OTHERWISE SHOWN ON PLANS.
2. SIDEWALKS AND BIKE PATHS SHALL BE PLACED PARALLEL TO, AND ONE FOOT WITHIN THE RIGHT-OF-WAY LINE EXCEPT THAT THE CITY MAY APPROVE DEVIATIONS TO SAVE SPECIMEN TREES PROVIDED THAT THE PAVEMENT REMAINS WITHIN THE RIGHT-OF-WAY. IS NOT DIMINISHED IN WIDTH, AND REMAINS AT LEAST 4 FEET FROM THE EDGE OF THE STREET PAVEMENT, UNLESS OTHERWISE APPROVED BY THE CITY.
3. THE TOP OF THE CONCRETE SHALL BE AT AN ELEVATION NO LOWER THAN THE CROWN OF THE ADJACENT ROADWAY, AND NO HIGHER THAN 6 INCHES ABOVE THE CROWN UNLESS APPROVED BY THE CITY TO MAKE A MORE NATURAL TRANSITION WITH THE ADJACENT LAND.
4. ALL WALKS SHALL HAVE A CROSS SLOPE OF 1/4 INCH PER FOOT AND SHALL NOT EXCEED A LONGITUDINAL SLOPE OF 1:20, EXCEPT AT DESIGNATED RAMPS THAT SHALL NOT EXCEED 1:12. PROVIDE A TACTILE WARNING SURFACE AT ALL RAMPS PER A.D.A. THE CONTRACTOR SHALL INSURE THAT ALL PROVISIONS OF A.D.A. AND FLORIDA ACCESSIBILITY CODE ARE MET.*
5. ISOLATION JOINTS (TYPE A JOINTS) SHALL BE PROVIDED BETWEEN EXISTING SLABS OR STRUCTURES AND FRESH CONCRETE, TO SEPARATE PEDESTRIAN SECTIONS FROM SECTIONS WHICH WILL ENCOUNTER VEHICLE TRAFFIC, TO SEPARATE FRESH PLACEMENT FROM CONCRETE WHICH HAS SET FOR MORE THAN 60 MINUTES, AND NO FARTHER APART THAN 100 FEET IN SIDEWALKS AND BIKEPATHS. JOINT MATERIAL SHALL BE SPECIFIED IN FDOT STANDARDS AND SPECIFICATIONS AND SHALL BE RUBBER, PLASTIC OR OTHER APPROVED NON-Biodegradable ELASTOMERIC MATERIAL. WOOD IS PROHIBITED.
6. CONTROL JOINTS (TYPE B JOINTS) SHALL BE TOGGED INTO THE FRESH CONCRETE TO A DEPTH EQUAL TO 1/4 THE SLAB THICKNESS AND SPACED APART A DISTANCE EQUAL TO THE WIDTH OF THE SLAB OR 5 FEET WHICHEVER IS GREATEST.
7. THE SLAB SURFACE SHALL BE BROOM FINISHED TO BE SLIP RESISTANT, AND SHALL MATCH AS CLOSELY AS POSSIBLE THE FINISH OF THE EXISTING ADJACENT SLABS AND ALL EDGES SHALL BE TOOLED TO ELIMINATE SHARP CORNERS.
8. THE BEARING SUBSURFACE SHALL HAVE ALL ORGANIC, LOOSE, AND DELETERIOUS MATTER REMOVED, AND THE REMAINING CLEAN SOIL SHALL BE SMOOTH, SOUND, AND SOLID. ANY FILL MATERIAL SHALL BE COMPACTED WITH A HAND TAMPER IN MAXIMUM 4 INCH LIFTS. THE CITY SHALL REQUIRE A COMPACTION TEST FOR EACH LIFT IF THE TOTAL FILLED SECTION IS MORE THAN 12 INCHES DEEP OR IF THE SUBSURFACE HAS BEEN DISTURBED MORE THAN 12 INCHES DEEP. WHERE SUCH TEST IS REQUIRED, THE RESULTS SHALL SHOW A MINIMUM PROCTOR FIELD DENSITY OF 95 PERCENT.
9. ALL CONCRETE WORK IN THE RIGHT-OF-WAY SHALL BE INSPECTED BY THE CITY AFTER THE SUBSOIL IS PREPARED AND THE FORMS ARE SET, BUT BEFORE THE CONCRETE PLACEMENT BEGINS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE FINISHED SLAB FROM ALL DAMAGE AND VANDALISM UNTIL THE CITY ACCEPTS OR APPROVES THE SLAB, AFTER WHICH TIME THE OWNER OF THE ADJACENT LAND SHALL BE RESPONSIBLE FOR THE SLAB IN ACCORDANCE WITH THE CITY CODE. ANY SLAB SECTION DAMAGED OR VANDALIZED PRIOR TO ACCEPTANCE OR APPROVAL SHALL BE CUT OUT BETWEEN JOINTS AND REPLACED. REPAIRS ARE NOT ACCEPTABLE.
11. SIDEWALKS LOCATED WITHIN THE RIGHT-OF-WAY SHALL NOT BE TINTED, STAINED, COLORED, OR COATED.
12. ALL FORMS SHALL BE REMOVED PRIOR TO ACCEPTANCE OR APPROVAL AND THE DISTURBED GROUND SHALL BE BACKFILLED, REGRADED, AND SODDED SO THAT THE WEAR SURFACE OF THE CONCRETE IS REASONABLY FLUSH WITH THE ADJACENT GRADE.

SIDEWALK DETAILS



**TORO 570C-4P
4" POP-UP SPRAY SPRINKLER**

IRRIGATION NOTES

- 1.) THE CONTRACTOR SHALL REFER TO THE LANDSCAPING PLAN WHEN TRENCHING TO LAY PIPE TO AVOID NEW AND EXISTING TREES AND LARGE SHRUBS.
- 2.) ALL WIRING FROM THE IRRIGATION CONTROLLER TO THE REMOTE CONTROL VALVES SHALL BE UF-14/1 DIRECT BURIAL CABLE. ALL WIRE SPLICES SHALL BE MADE IN VALVE BOXES ONLY USING TORO CONNECTORS AND SEALANT.
- 3.) UNLESS OTHERWISE INDICATED PIPING TO A SINGLE SPRAY HEAD SHALL BE 1/2" PR-160 PVC PIPING, UNLESS OTHERWISE INDICATED PIPING TO A SINGLE ROTOR HEAD SHALL BE 3/4" PR-160 PVC PIPING.
- 4.) ALL MAIN LINE PIPING SHALL BE BURIED TO HAVE A MINIMUM COVER OF 18". ALL LATERAL PIPING DOWNSTREAM OF THE MAIN LINE SHALL BE BURIED TO HAVE A MINIMUM COVER OF 12".
- 5.) THE CONTRACTOR SHALL COORDINATE WITH THE LANDSCAPE ARCHITECT ON THE EXACT LOCATION OF THE IRRIGATION CONTROLLERS.
- 6.) THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS AT THE SITE PRIOR TO COMMENCEMENT OF WORK UNDER THIS CONTRACT.
- 7.) ALL IRRIGATION INSTALLATION SHALL CONFORM TO LOCAL CODES AND REGULATIONS.
- 8.) ALL PIPING ON THE PLANS IS DIAGRAMMATICALLY ROUTED FOR CLARITY AND SHALL BE ROUTED TO AVOID PLANTS. DESIGN MODIFICATIONS SHALL ONLY BE MADE AS NECESSARY TO MEET FIELD CONDITIONS AND ONLY UPON APPROVAL OF THE LANDSCAPE ARCHITECT. PIPING SHOWN RUNNING PARALLEL UNDER SIDEWALKS ADJACENT TO PLANTED AREAS IS FOR DESIGN CONVENIENCE ONLY AND SHALL BE INSTALLED WITHIN THE PLANTED AREA.
- 9.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL ADJUSTMENT OF THE SPRINKLERS ARC AND RADIUS TO ASSURE 100 PERCENT COVERAGE.
- 10.) 115 VOLT, SINGLE PHASE ELECTRICAL POWER FOR THE IRRIGATION CONTROLLERS SHALL BE COORDINATED BY THE IRRIGATION CONTRACTOR WITH THE ELECTRICAL ENGINEERING DRAWINGS. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE ELECTRICAL HOOK-UP INCLUDING ELECTRICAL MATERIALS.
- 11.) VALVES LOCATED OUTSIDE OF RIGHT OF WAY ARE FOR DESIGN PURPOSES ONLY AND SHALL BE LOCATED INSIDE OF RIGHT OF WAY.
- 12.) SYSTEM SUPPLY REQUIREMENTS ARE: 50 G.P.M. @ 50 P.S.I. AT PUMP.
- 13.) ANY CHANGES TO IRRIGATION ZONE PIPING TO BE APPROVED BY THE CITY LANDSCAPE ARCHITECT PRIOR TO WORK BEING DONE.
- 14.) ALL SPRAY HEADS IN PARKING LOT ISLANDS WHERE SHRUBS AND GROUND COVERS ARE PRESENT MUST BE 12" HIGH POP-UPRISERS.
- 15.) ALL PIPING DOWN STREAM OG SOUNOID VALVE TO BE WHITE PR-160 PVC.
- 16.) IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO PROVIDE THE FINAL IRRIGATION AS-BUILTS FOR FINAL SIGN OFF.

1	11-7-11	REVISED		JD
NO.	DATE	DESCRIPTION		BY
REVISIONS				
PARKER MYNCHENBERG & ASSOCIATES, INC.				
PROFESSIONAL ENGINEERS * LANDSCAPE ARCHITECTS				
1729 RIDGEWOOD AVENUE HOLLY HILL, FLORIDA 32117				
(386)677-6891 FAX(386)677-2114 E-MAIL: info@parkermynchenberg.com				
CERTIFICATE OF AUTHORIZATION NUMBER: 00003910				
DETAILS				
STEWART MARCHAN-ACT				
VINCE CARTER SANCTUARY PHASE II				
BUNNELL * FLORIDA				
FILE NO.	11-23D	DESIGNER:	P.MYNCHENBERG	
DATE:	5-5-11	CADD TECH:	DE CILLA	
SCALE:	NONE	SHEET	6 OF 6	