





### STANDARD FIRE PROTECTION NOTES

- ALL PROJECTS MUST COMPLY WITH PASCO COUNTY FIRE HYDRANT ORDINANCE NO. 46-51.
- FIRE HYDRANTS SHALL BE INSTALLED AND IN SERVICE PRIOR TO THE ACCUMULATION OF COMBUSTIBLES.
- PER THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA-1, 16.4.3.1.3: WHERE UNDERGROUND WATER MAINS AND HYDRANTS ARE TO BE PROVIDED, THEY SHALL BE INSTALLED, COMPLETED, AND IN SERVICE PRIOR TO CONSTRUCTION WORK.
- PER NFPA-1, 18.3.4.1: CLEARANCES OF 7.5 FEET IN FRONT OF AND TO THE SIDES OF THE FIRE HYDRANT WITH A 4-FEET CLEARANCE TO THE REAR MUST BE MAINTAINED AT ALL TIMES.
- GATED ENTRIES REQUIRE A SIREN OPERATING SYSTEM OR A 3M OPTICOM SYSTEM FOR EMERGENCY ACCESS.
- THE FIRE PROTECTION SYSTEM WILL BE INSTALLED IN ACCORDANCE WITH THE PASCO COUNTY CODE OF ORDINANCES, CHAPTER 46, ARTICLE III AND ANY SUBSEQUENT AMENDMENTS. RAISED PAVEMENT MARKINGS WILL BE INSTALLED TO INDICATE THE LOCATION OF EACH FIRE HYDRANT AND WILL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS APPROVED BY THE COUNTY ENGINEER.
- CONTRACTOR SHALL FLOW TEST AND COLOR CODE FIRE HYDRANT(S) PER FLOW TEST RESULTS FOR NFPA 291.
- FIRE PROTECTION SHALL BE PROVIDED BY THE USE OF ON SITE FIRE HYDRANTS PROVIDED IN ACCORDANCE WITH THE SBCCI STANDARD FIRE PROTECTION CODE, LATEST EDITION. THE PROJECT WILL COMPLY WITH PASCO COUNTY HYDRANT ORDINANCE.
- IF APPLICABLE, DYNATORQUE GPI POSITION INDICATOR TO BE INSTALLED ON FIRE MAIN AT FIRST UPSTREAM GATE VALVE FROM EACH HABITABLE BUILDING.

### PASCO COUNTY DEVELOPMENT REVIEW NOTES

- ALL UTILITY CONSTRUCTION SHALL COMPLY WITH THE PASCO COUNTY STANDARDS FOR DESIGN AND CONSTRUCTION OF WATER AND WASTEWATER FACILITIES SPECIFICATIONS, LATEST EDITION.
- ALL ON-SITE WATER AND SEWER FACILITIES SHALL BE OWNED AND MAINTAINED BY THE OWNER-DEVELOPER.
- INSTALLATION OF FUEL STORAGE TANKS REQUIRES REVIEW AND APPROVAL BY THE FIRE MARSHAL AND THE ISSUANCE OF A SEPARATE BUILDING PERMIT. APPROVAL OF THE SITE PLAN DOES NOT CONSTITUTE APPROVAL OF THE LOCATION OF THE FUEL TANKS.
- ALL PROPOSED SIGNS MUST BE APPLIED FOR, APPROVED, AND PERMITTED ON AN INDIVIDUAL BASIS APART FROM ANY ULTIMATELY-APPROVED SITE PLAN. APPROVAL OF THIS SITE PLAN DOES NOT CONSTITUTE APPROVAL OF ANY SIGNAGE.
- HANDICAP PARKING SPACES WILL BE PROPERLY SIGNED AND STRIPED IN ACCORDANCE WITH FLORIDA STATUTE 316, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, OR OTHER APPLICABLE STANDARDS.
- THE ARCHITECT/ENGINEER CERTIFIES THAT THE SITE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2012 FLORIDA ACCESSIBILITY CODE.
- ALL ON-SITE PARKING SPACES WILL BE STRIPED AND SIGNED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. PARKING SPACES, DIRECTIONAL ARROWS, AND STOP BARS SHALL BE STRIPED IN WHITE. IT SHALL BE THE OWNER/DEVELOPERS' RESPONSIBILITY TO PROPERLY SIGN AND STRIPE THE SITE IN ACCORDANCE WITH APPLICABLE STANDARDS.
- THE OWNER/DEVELOPER ACKNOWLEDGES THAT THIS APPROVAL DOES NOT INCLUDE ANY WORK IN COUNTY RIGHT-OF-WAY. ALL RIGHT-OF-WAY WORK SHALL BE A FUNCTION OF AN APPROVED PASCO COUNTY RIGHT-OF-WAY USE PERMIT.
- ALL CLEAR-SITE AREAS SHALL BE KEPT FREE OF ANY SIGNAGE, PLANTINGS, TREES, ETC. IN EXCESS OF THREE-AND-A-HALF (3-1/2) FEET IN HEIGHT.
- NO IRRIGATION SYSTEM OR LANDSCAPING SHALL BE INSTALLED IN ANY COUNTY OR STATE RIGHT-OF-WAY WITHOUT ISSUANCE OF APPROPRIATE RIGHT-OF-WAY USE PERMIT.
- THE OWNER/DEVELOPER ACKNOWLEDGES THAT THE SITE AND ITS SUBSEQUENT BUILDING PERMITS SHALL COMPLY WITH ALL REZONING/MPUD/PUD CONDITIONS.
- ALL STRUCTURES, INCLUDING BUFFER WALLS, RETAINING WALLS, SIGNAGE ETC. REQUIRE SEPARATE BUILDING PERMITS THROUGH PASCO COUNTY CENTRAL PERMITTING.
- PRIOR TO THE START OF CLEARING AND GRUBBING, OR ANY SOIL DISTURBANCE CONTACT PASCO COUNTY STORMWATER MANAGEMENT AT 727-834-3611 FOR A SOIL EROSION AND SEDIMENT CONTROL, PRE-INSPECTION MEETING.

### SITE DATA

PARCEL ID# 30-26-20-0000-00200-0030  
 SITE ADDRESS: 2600 BRUCE B. DOWNS BLVD. WESLEY CHAPEL, FL 33544

TOTAL PARCEL AREA = 8.482 ACRES  
 TOTAL SITE AREA = (T.S.A.) 8.482 ACRES  
 TOTAL WETLANDS 1.05 ACRES  
 CAT. I WETLAND BUFFER 0.51 ACRES  
 TOTAL PONDS 1.04 ACRES  
 DEVELOPABLE ACREAGE 5.28 ACRES

PETITION NUMBER RZ7073 (APPROVED 02/25/14)  
 FUTURE LAND USE DESIGNATION PD & CON  
 EXISTING ZONING MPUD  
 CURRENT LAND USE VACANT  
 HURRICANE EVACUATION ZONE NONE  
 MAX. BUILDING HEIGHT N/A  
 PROPOSED BUILDING HEIGHT N/A  
 PROPOSED GROSS DENSITY N/A  
 PROPOSED NET DENSITY N/A

### EARTHWORK

4600 CY NET FILL

NOTES:

- EARTHWORK COMPACTION AND LIFTS SHALL BE PER FDOT SECTION 120, EXCAVATION AND EMBANKMENT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- EARTHWORK IS APPROXIMATE FOR PERMITTING PURPOSES ONLY AND SHALL NOT BE USED FOR BIDDING PURPOSES.
- APPLICABLE PERMIT SHALL BE OBTAINED BY THE CONTRACTOR AS NECESSARY.

### PARKING

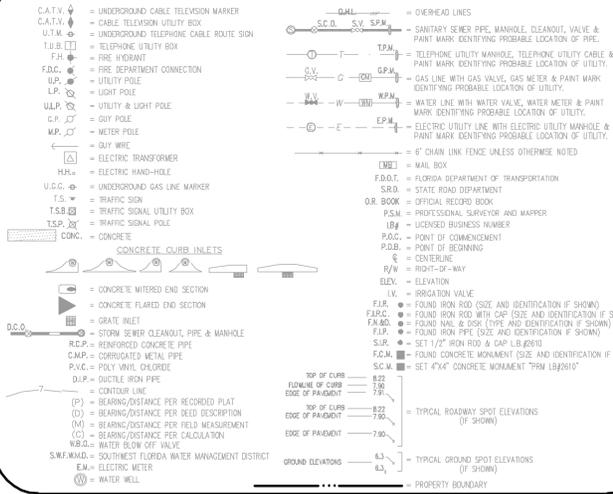
REQUIRED:  
 150 SPACES

PROVIDED:  
 150 SPACES (144 REGULAR (9'x20') & 6 HANDICAP)

### SIGNING AND PAVEMENT MARKING GENERAL NOTES

- PAVEMENT MARKINGS SHOULD BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE FDOT DESIGN STANDARD INDEX.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LENGTH OF COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.
- REFER TO FDOT DESIGN STANDARDS INDEX NO 17352 FOR RETRO-REFLECTIVE PAVEMENT MARKER PLACEMENT.
- PAINT ALL MEDIAN NOSES AND RAISED ISLAND NOSES REFLECTIVE WHITE OR REFLECTIVE YELLOW AS INDICATED IN THE PLANS.
- ANY EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
- CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO LONG AS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, THEY SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- THE SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
- ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION.
- CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL REPLACE THEM AT HIS EXPENSE.
- ON CONCRETE SURFACE, INCLUDING BRIDGE DECKS, ALL SKIP STRIPE PAVEMENT MARKINGS SHALL ALTERNATE WHITE (THERMOPLASTIC) AND BLACK (PAINT) (20' WHITE/20' BLACK/20' SKIP).
- ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE U.S. DEPARTMENT OF TRANSPORTATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2009 EDITION.
- STREET SIGNAGE IS TO MEET MINIMUM PASCO COUNTY AND FDOT STANDARDS FOR DESIGN, AND CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS TO THE ENGINEER OF RECORD AND THE DEVELOPER FOR APPROVAL. CONTRACTOR SHALL USE W-SHAPED STEEL POSTS FOR ROADWAY SIGNS.
- ALL PAVEMENT MARKINGS SHALL BE LEAD-FREE, NON-SOLVENT BASED PAINT, THERMOPLASTIC ONLY WHERE NOTED.
- ALL PAVEMENT MARKINGS TO BE REMOVED SHALL BE PERFORMED BY HYDRO BLASTING (EXCEPT WITHIN FDOT R/W)
- ALL ROUTE MARKERS AUXILIARIES SHALL MATCH THE COLOR COMBINATION OF THE RESPECTIVE MARKER WHICH THEY SUPPLEMENT.
- LOCATION OF STOP BARS IS TO BE PER SECTION 3B.16 OF THE MUTCD.
- LOCATION OF SIGNS IS TO BE PER SECTION 2A.18 THROUGH 2A.20 OF THE MUTCD.
- ALL LOCAL ROADS ARE PRIVATE.

### EXISTING LEGEND



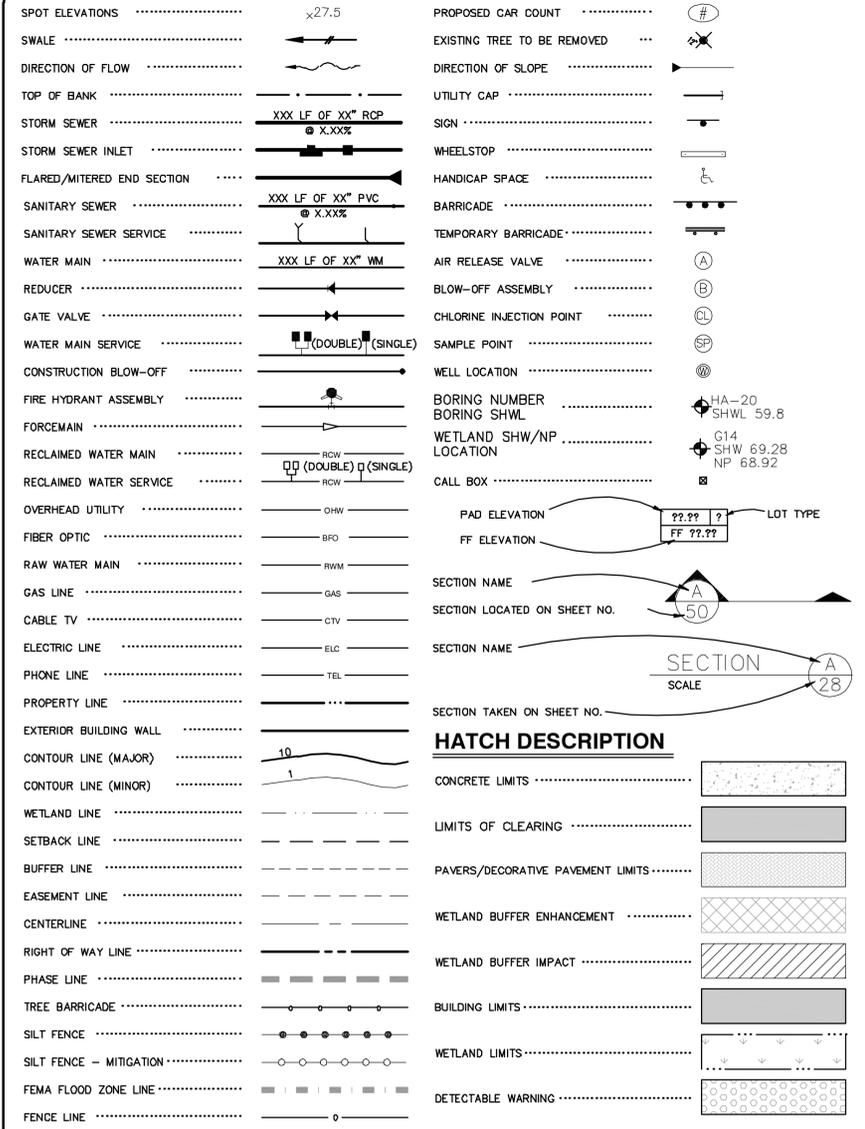
### LEGAL DESCRIPTION

THAT PORTION OF THE WEST 1/2 OF SECTION 30, TOWNSHIP 26 SOUTH, RANGE 20 EAST, PASCO COUNTY, FLORIDA, AND BEING A PORTION OF GOVERNMENT LOTS 2 AND 3, IN SECTION 30, TOWNSHIP 26 SOUTH, RANGE 20 EAST, PASCO COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF SECTION 30, TOWNSHIP 26 SOUTH, RANGE 20 EAST, PASCO COUNTY, FLORIDA; THENCE NORTH 00°40'58" EAST, ALONG THE WEST LINE OF THE NORTHWEST 1/4 OF SECTION 30, A DISTANCE OF 322.23 FEET; THENCE LEAVING SAID LINE, NORTH 82°59'11" EAST, A DISTANCE OF 109.20 FEET TO THE EASTLY RIGHT-OF-WAY LINE OF STATE ROAD 581, (BRUCE B. DOWNS BOULEVARD), A 200' RIGHT OF WAY BASED ON THE RIGHT-OF-WAY CONTROL SURVEY FOR STATE ROAD 581 SEGMENT 402482.1 PREPARED BY COWI/CH2M HILL ASSOCIATES, INC. FINAL DATE 7/21/00; THENCE ALONG SAID RIGHT OF WAY LINE, SOUTH 00°20'54" WEST, A DISTANCE OF 133.87 FEET; THENCE LEAVING SAID RIGHT OF WAY LINE, NORTH 89°59'10" EAST, A DISTANCE OF 181.08 FEET; THENCE SOUTH 86°50'58" EAST, A DISTANCE OF 477.21 FEET; THENCE SOUTH 77°35'12" EAST, A DISTANCE OF 83.05 FEET; THENCE SOUTH 65°48'44" EAST, A DISTANCE OF 215.81 FEET; THENCE SOUTH 88°33'57" EAST, A DISTANCE OF 41.78 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE ALONG SAID LINE, SOUTH 88°33'57" EAST, A DISTANCE OF 330.77 FEET; THENCE SOUTH 15°08'45" WEST, A DISTANCE OF 364.40 FEET; THENCE SOUTH 72°07'45" EAST, A DISTANCE OF 281.78 FEET; THENCE SOUTH 11°38'17" EAST, A DISTANCE OF 384.50 FEET; THENCE SOUTH 72°04'12" WEST, A DISTANCE OF 276.31 FEET; THENCE SOUTH 02°20'39" WEST, A DISTANCE OF 105.25 FEET; THENCE SOUTH 64°21'51" WEST, A DISTANCE OF 368.83 FEET; THENCE SOUTH 78°07'25" WEST, A DISTANCE OF 39.60 FEET; THENCE NORTH 82°54'03" WEST, A DISTANCE OF 53.61 FEET; THENCE SOUTH 85°30'52" WEST, A DISTANCE OF 79.15 FEET; THENCE NORTH 47°35'43" WEST, A DISTANCE OF 54.48 FEET; THENCE SOUTH 52°42'43" WEST, A DISTANCE OF 82.89 FEET; THENCE SOUTH 44°20'14" WEST, A DISTANCE OF 16.89 FEET; THENCE NORTH 17°22'52" WEST, A DISTANCE OF 183.34 FEET TO A POINT ON A CURVE TO THE RIGHT; THENCE NORTHEASTERLY 100.20 FEET ALONG THE ARC OF SAID CURVE, HAVING A RADIUS OF 274.44 FEET, A CENTRAL ANGLE OF 25°50'11", AND A CHORD BEARING AND DISTANCE OF NORTH 26°09'48" EAST 99.65 FEET; THENCE NORTH 36°37'45" EAST, A DISTANCE OF 106.18 FEET TO A POINT ON A CURVE TO THE LEFT; THENCE NORTHERLY 225.15 FEET ALONG THE ARC OF SAID CURVE, HAVING A RADIUS OF 340.00 FEET, A CENTRAL ANGLE OF 42°24'50", AND A CHORD BEARING AND DISTANCE OF NORTH 19°29'17" EAST 248.99 FEET; THENCE NORTH 09°07'11" WEST, A DISTANCE OF 212.84 FEET TO THE POINT ON A NON-TANGENT CURVE TO THE LEFT; THENCE NORTHWESTERLY 225.15 FEET ALONG THE ARC OF SAID CURVE, HAVING A RADIUS OF 731.00 FEET, A CENTRAL ANGLE OF 17°38'50", AND A CHORD BEARING AND DISTANCE OF NORTH 34°10'21" WEST 224.26 FEET TO THE POINT OF BEGINNING.

CONTAINING 8.482 ACRES, MORE OR LESS.

### PROPOSED LEGEND



### TREE LEGEND



### FEMA FLOOD ZONE LEGEND

ZONE	DESCRIPTION
ZONE A	NO BASE FLOOD ELEVATIONS DETERMINED
ZONE AE	BASE FLOOD ELEVATIONS DETERMINED
ZONE X	AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN
ZONE X1	AREAS OF 500-YEAR FLOOD PLAIN

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DESIGNED	THE SIGNATURE OF THE QUALITY CONTROL OFFICER IN THIS SPACE INDICATES THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED AND THAT CONSTRUCTION IS AUTHORIZED TO COMMENCE.
DRAWN	
CHECKED	
DATE	
SCALE	
APP'D BY	



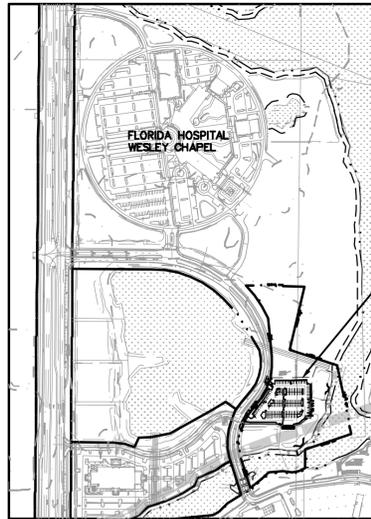
4921 Memorial Highway  
 One Memorial Center, Suite 300  
 Tampa, Florida 33634  
 Phone 813 880-8881  
 Fax 813 880-8882  
 www.kingengineering.com  
 Engineering License #2610

**FH BUS STOP**  
 FOR  
**FLORIDA HOSPITAL WESLEY CHAPEL**  
 2600 BRUCE B. DOWNS BLVD.  
 WESLEY CHAPEL, FLORIDA 33544

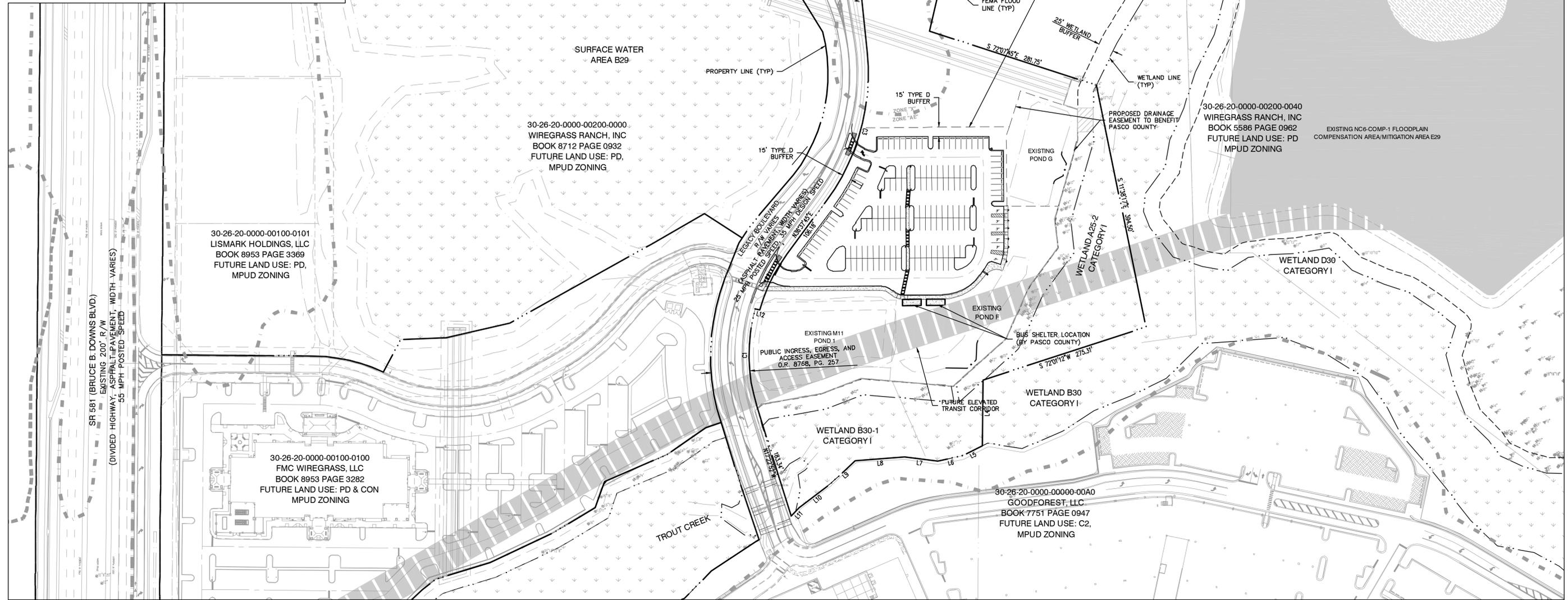
### NOTES AND LEGENDS

NO.	DATE	DESCRIPTION	APP'D BY

JOB NO. 4874-000-000	SHEET NO. <b>C1.03</b>
DATE: JULY 14, 2014	
SCALE: AS SHOWN	
PASCO CO. INITIAL SUBMITTAL NOVEMBER 14, 2014	



PROJECT SITE



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DESIGNED	NLL
DRAWN	JSH
CHECKED	XXX
D.C.	XXX

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**King**  
ENGINEERING ASSOCIATES, INC.

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FOR  
FLORIDA HOSPITAL WESLEY CHAPEL  
2600 BRUCE B. DOWNS BLVD.  
WESLEY CHAPEL, FLORIDA 33544**

**PRELIMINARY SITE PLAN**

NO.	DATE	DESCRIPTION	APP'D BY

JOB NO. 4874-000-000	SHEET NO. <b>C1.50</b>
DATE JULY 14, 2014	SCALE AS SHOWN
PASCO CO. INITIAL SUBMITTAL NOVEMBER 14, 2014	

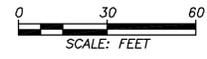
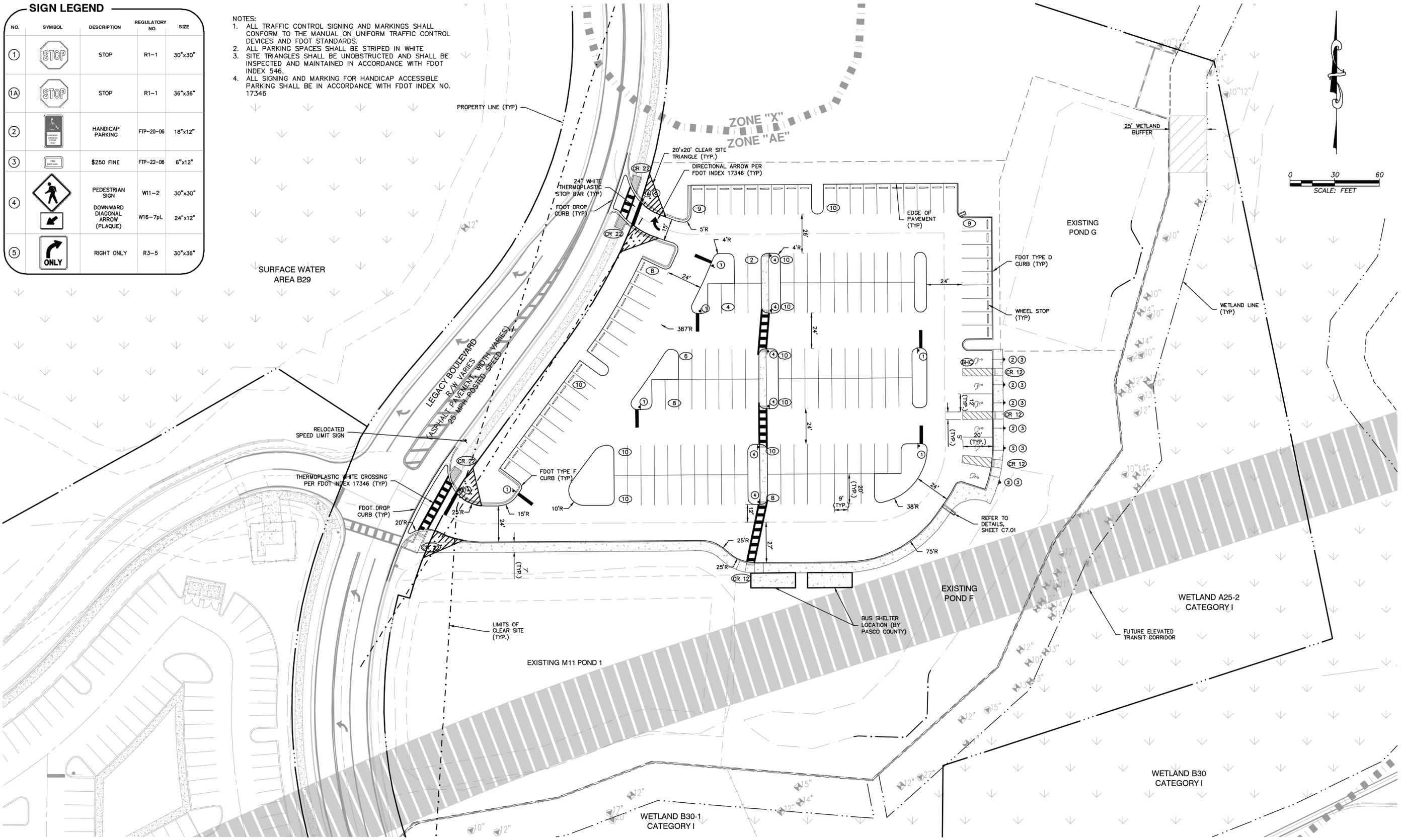




**SIGN LEGEND**

NO.	SYMBOL	DESCRIPTION	REGULATORY NO.	SIZE
1		STOP	R1-1	30"x30"
1A		STOP	R1-1	36"x36"
2		HANDICAP PARKING	FTP-20-06	18"x12"
3		\$250 FINE	FTP-22-06	6"x12"
4		PEDESTRIAN SIGN	W11-2	30"x30"
		DOWNWARD DIAGONAL ARROW (PLAQUE)	W16-7pL	24"x12"
5		RIGHT ONLY	R3-5	30"x36"

- NOTES:
1. ALL TRAFFIC CONTROL SIGNING AND MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND FDOT STANDARDS.
  2. ALL PARKING SPACES SHALL BE STRIPED IN WHITE.
  3. SITE TRIANGLES SHALL BE UNOBSTRUCTED AND SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH FDOT INDEX 546.
  4. ALL SIGNING AND MARKING FOR HANDICAP ACCESSIBLE PARKING SHALL BE IN ACCORDANCE WITH FDOT INDEX NO. 17346



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DESIGNED	NLL
DRAWN	JSH
CHECKED	XXX
D.C.	XXX

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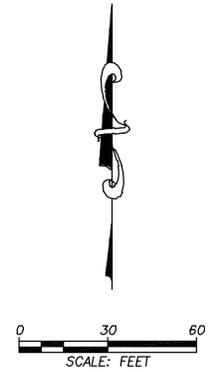
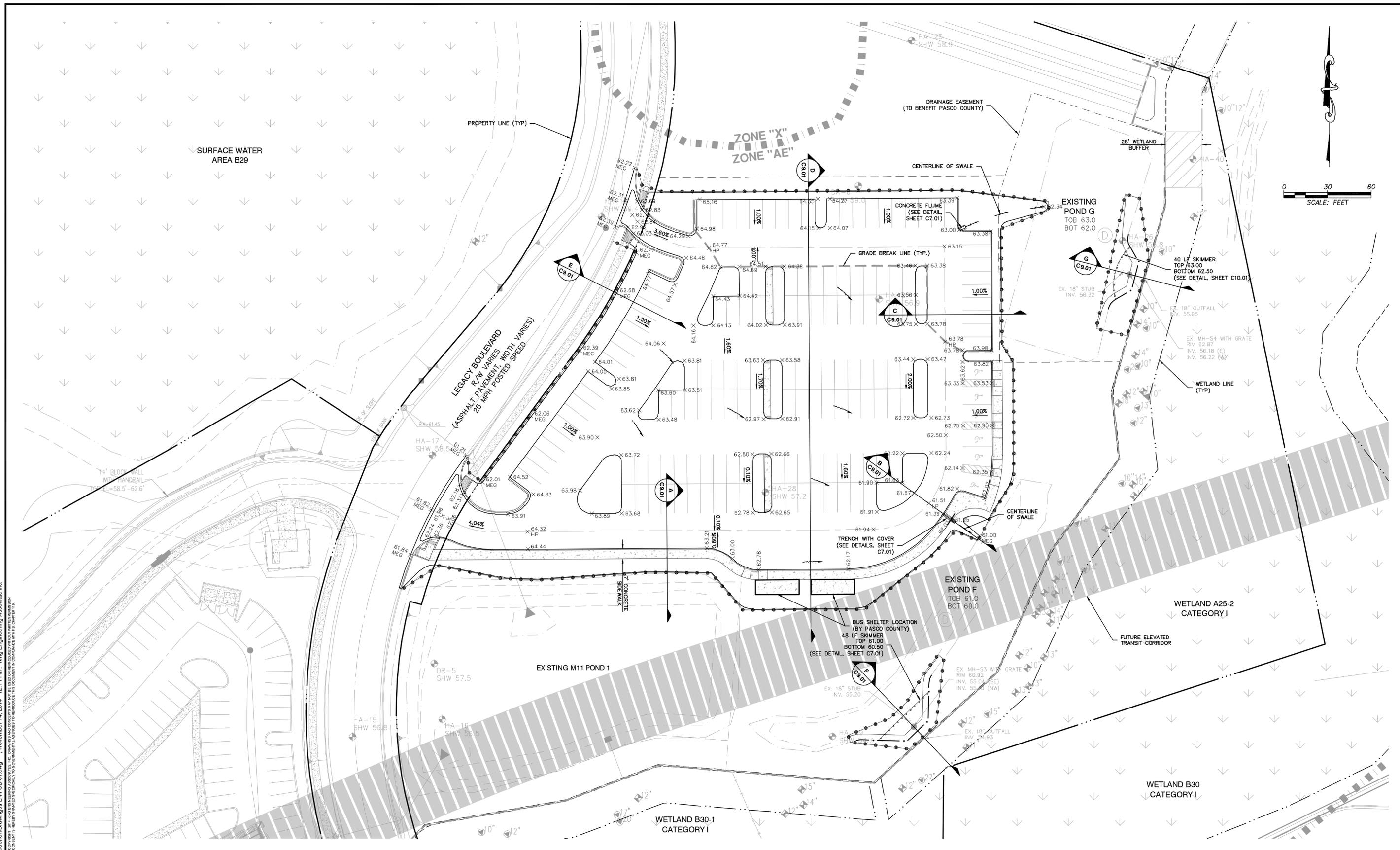
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2600 BRUCE B. DOWNS BLVD.  
WESLEY CHAPEL, FLORIDA 33544

**SIGNING, PAVEMENT MARKING AND  
DIMENSIONING PLAN**

NO.	DATE	DESCRIPTION	APP'D BY

JOB NO. 4874-000-000	SHEET NO. <b>C3.01</b>
DATE JULY 14, 2014	SCALE AS SHOWN
PASCO CO. INITIAL SUBMITTAL NOVEMBER 14, 2014	

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D.C.	XXX

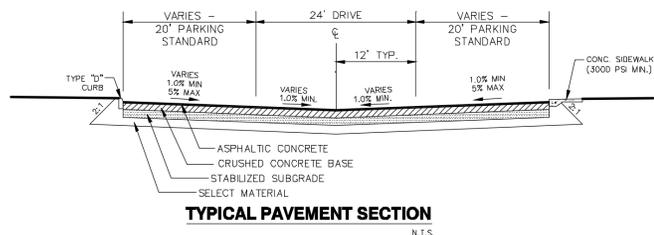
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 WESLEY CHAPEL, FLORIDA 33544

**PAVING, GRADING AND DRAINAGE PLAN**

NO.	DATE	DESCRIPTION	APP'D BY

JOB NO.	4874-000-000	SHEET NO.	<b>C4.01</b>	
DATE:	JULY 14, 2014	SCALE:		AS SHOWN
PASCO CO. INITIAL SUBMITTAL				
NOVEMBER 14, 2014				



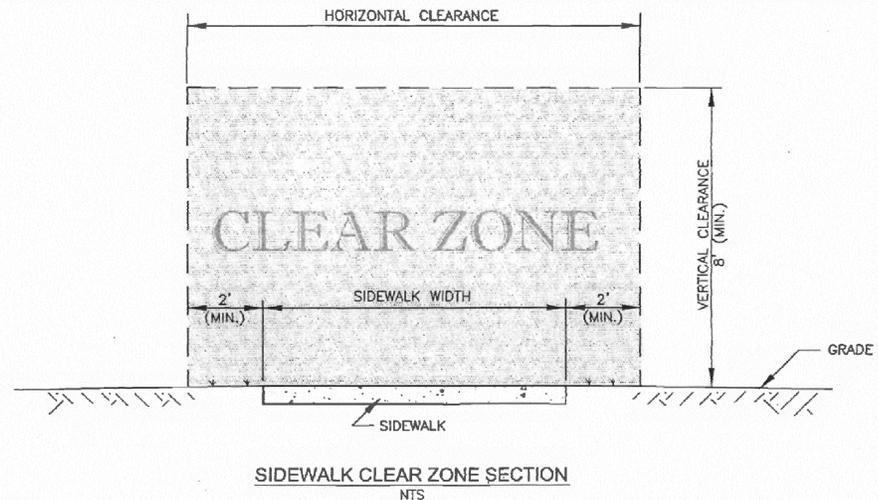
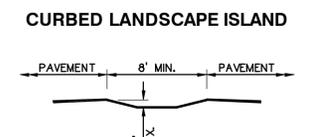
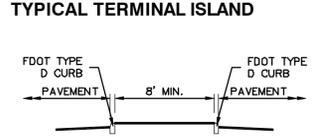
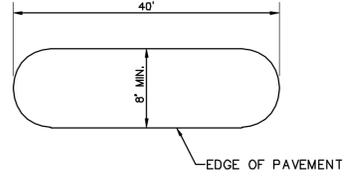
**STRUCTURAL NUMBERS**

0.44 - TYPE SP 9.5  
 0.44 - TYPE SP 12.5  
 0.15 - CRUSHED CONCRETE (LBR 150 MIN.)  
 0.08 - STABILIZED SUBGRADE (LBR 40 MIN.)

1" TYPE SP 9.5 ASPHALTIC CONCRETE  
 2" TYPE SP 12.5 ASPHALTIC CONCRETE  
 8" CRUSHED CONCRETE (LBR 150 MIN.)  
 12" STABILIZED SUBGRADE (LBR 40 MIN.)  
 SN = (0.44)(1") + (0.44)(2") + (0.15)(8") + (0.08)(12") = 3.55

**SELECT FILL MATERIAL NOTE**  
 SELECT FILL MATERIAL SHALL BE 24 INCHES. DIMENSIONS ARE MEASURED FROM THE BOTTOM OF SUBGRADE MATERIAL. SELECT MATERIAL SHALL BE A-3(SP) SOIL AND/OR A-2-4 WITH A MAXIMUM 15 PERCENT PASSING NUMBER 200 SIEVE.

**SELECT FILL MATERIAL CERTIFICATION NOTE**  
 THE ENGINEER RESPONSIBLE FOR THE PROJECT SHALL CERTIFY TO THE COUNTY ENGINEERING SERVICES DIRECTOR (THROUGH P.E. ENGINEERING INSPECTIONS) THAT THE SELECT MATERIAL MEETS THESE STANDARDS PRIOR TO THE INSTALLATION OF THE BASE. CERTIFICATION SHALL STRICTLY COMPLY WITH THE SUBGRADE CERTIFICATION FORM AVAILABLE IN "ENGINEERING SERVICES DEPARTMENT: A PROCEDURAL GUIDE FOR THE PREPARATION OF ASSURANCES OF COMPLETION AND MAINTENANCE."

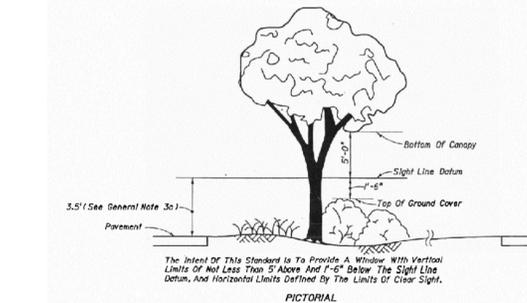
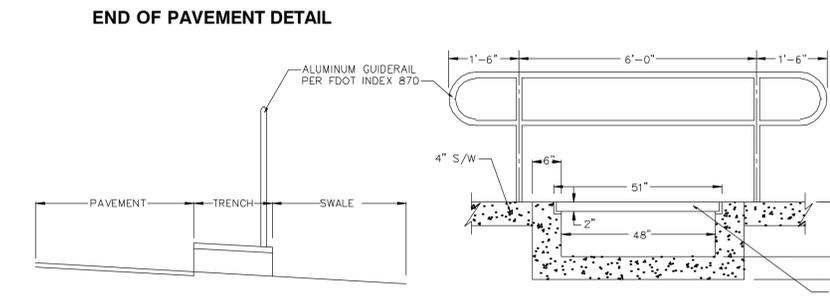
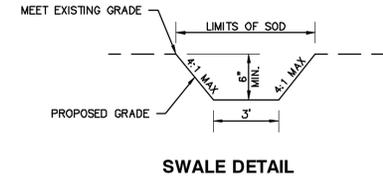
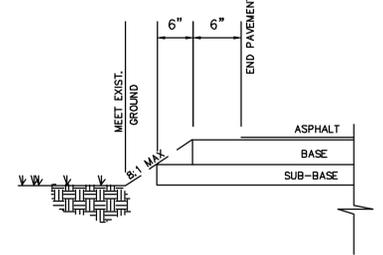
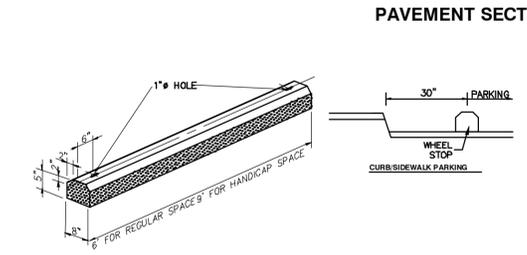


- NOTES:**
- THIS CLEAR ZONE APPLIES TO THE SIDEWALK ONLY. IT IS NOT INTENDED FOR ROADWAY PLACEMENT SET BACKS.
  - THE SIDEWALK CLEAR ZONE SHALL BE AN OPEN WINDOW FREE OF OBSTACLES. THIS INCLUDES SHRUBS, TREES, FENCES, ABOVE GROUND UTILITIES, I.E., POWER POLES, STREET LIGHTS, GUY ANCHORS, FIRE HYDRANTS, BLOW-OFFS, MAIL BOXES, STREET SIGNS, UTILITY MARKERS, ETC.
  - THE SIDEWALK HORIZONTAL CLEAR ZONE CLEARANCE IS MEASURED FROM THE SIDEWALK EDGE AND SHALL BE A MINIMUM OF 2 FEET.
  - THE SIDEWALK VERTICAL CLEAR ZONE CLEARANCE IS MEASURED FROM THE FINISHED GROUND SURFACE AND SHALL BE A MINIMUM OF 8 FEET.

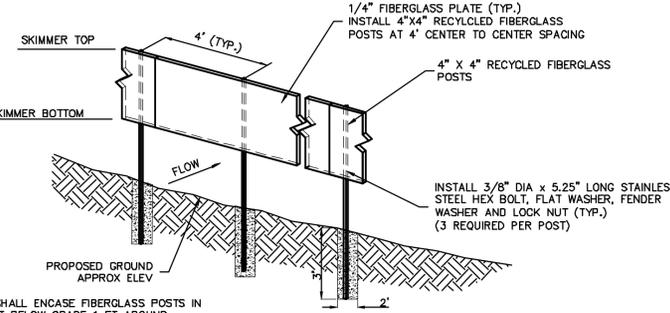
PASCO COUNTY ENGINEERING SERVICES DESIGN STANDARDS

**SIDEWALK CLEAR ZONE**

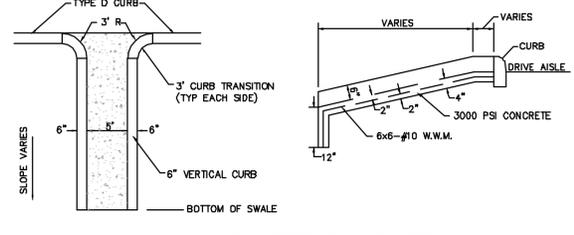
APPROVED BY \_\_\_\_\_ BCC APPROVAL REVISED \_\_\_\_\_ DWG. NO. \_\_\_\_\_



**SIGHT DISTANCE WINDOW DETAIL - FDOT INDEX NO. 546 SHEET 2 of 6**



NOTE: CONTRACTOR SHALL ENCASE FIBERGLASS POSTS IN CONCRETE 3 FT BELOW GRADE 1 FT AROUND.



**CURB NOTE**  
 ALL CURBS SHALL BE PER FDOT INDEX 300 UNLESS OTHERWISE SPECIFIED.

**SIDEWALK NOTE**  
 SIDEWALKS SHALL BE CONSTRUCTED OF FIBER REINFORCED CONCRETE ON A COMPACTED NON-YIELDING SUBGRADE. SIDEWALK THICKNESS SHALL BE 6" WHERE SIDEWALK IS CROSSED BY A DRIVEWAY.

**CLEAR ZONE NOTE**  
 ROAD SIDE CLEAR ZONE SHALL BE FREE OF ANY OBSTRUCTIONS PER LDC 901.6.C.6 (6' CLEAR ZONE SHALL BE PROVIDED FOR TYPES 2, 3, 4 STREET TYPES WITHOUT BARRIER CURB AND 4' FOR ALL STREET TYPES WITH BARRIER CURB. THE REQUIRED CLEAR ZONE FOR THE TYPE 1 STREET WITH MOUNTABLE CURB IS 10').

**PASCO COUNTY CRUSHED CONCRETE BASE SPECIFICATIONS**

THE WORK SPECIFIED UNDER THIS SECTION CONSISTS OF THE CONSTRUCTION OF ROADWAY BASE UTILIZING CRUSHED CONCRETE (RECLAIMED CONCRETE AGGREGATE BASE MATERIAL) ON A PREPARED STABILIZED SUBGRADE OF LBR-4 WITH A DENSITY OF 90% OF THE MODIFIED PROCTOR MAXIMUM DENSITY AS DETERMINED BY P.E. 1.2.2.1. THE MIXTURE SHALL BE COMPATIBLE WITH THE LIMITS, GRADES, NOTES AND TYPICAL CROSS SECTION SHOWN IN THE PLANS, AND AS DIRECTED BY THE COUNTY ENGINEER.

THE CONSTRUCTION OF CRUSHED CONCRETE BASE SHALL CONFORM TO THE REQUIREMENTS OF THIS SECTION, OR, IN LIEU THEREOF, SUCH REQUIREMENTS AS MAY BE ESTABLISHED BY THE COUNTY ENGINEER DURING CONSTRUCTION. THE COUNTY ENGINEER SHALL HAVE FULL AUTHORITY TO MODIFY THE REQUIREMENTS OF THIS SECTION AS DEEMED NECESSARY, IN HIS DISCRETION, TO MEET FIELD CONDITIONS AND REQUIREMENTS.

**MATERIALS**  
 CRUSHED CONCRETE MUST BE PRODUCED FROM A SOURCE APPROVED BY FLORIDA DEPARTMENT OF TRANSPORTATION OR THE COUNTY ENGINEER. THE SUPPLIER SHALL HAVE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) PERMIT REQUIREMENTS SECTION 62-701.730 OR BE QUALIFIED AS A CLEAN DEBRIS SOURCE UNDER DEP RULES. THE RECLAIMED CONCRETE AGGREGATE BASE SHALL CONSIST OF CRUSHED CONCRETE MATERIAL DERIVED FROM THE CRUSHING OF HARD PORTLAND CEMENT CONCRETE.

**COMPOSITION**  
 BASE MATERIAL SHALL CONFORM TO THE FOLLOWING GRAVIMETRY REQUIREMENTS:

SIEM SIZE	PERCENT BY WEIGHT PASSING
2 INCH	100
3/4 INCH	90 to 95
3/8 INCH	80 to 85
No. 4	25 to 65
No. 10	20 to 50
No. 20	5 to 25
No. 40	0 to 10

BASE MATERIAL SHALL CONFORM TO THE FOLLOWING PLASTICITY REQUIREMENTS:  
 CRUSHED CONCRETE BASE SHALL NOT CONTAIN ANY PLASTIC SOILS SUCH THAT THE 60-100 SIEVE MATERIAL SHALL BE NON-PLASTIC. LIQUID LIMIT (AS DETERMINED BY ASTM D 293) (PERCENT) SHALL NOT EXCEED 20. PLASTICITY INDEX (PI) SHALL NOT EXCEED 4.

THE FINISHED IN PLACE CRUSHED CONCRETE BASE SHALL HAVE A MINIMUM (LBR) OF 150.  
 CRUSHED CONCRETE BASE SHALL BE FREE OF ALL MATERIALS THAT FALL UNDER THE CATEGORY OF SOLID WASTE OR HAZARDOUS MATERIALS AS DEFINED BY THE STATE OR LOCAL JURISDICTION AND SHALL MEET ALL DEP PERMIT REQUIREMENTS WHICH PERTAIN TO CONSTRUCTION, DEMOLITION AND REMOVAL OF THESE MATERIALS. CRUSHED CONCRETE BASE SHALL BE ASBESTOS FREE. THE FOLLOWING LIMITS SHALL NOT BE EXCEEDED:

BETUMINOUS CONCRETE	...1% BY WEIGHT
BRICKS	...1% BY WEIGHT
WOOD AND OTHER ORGANIC SUBSTANCES	...0.5% BY WEIGHT
HEAVY METALS (EXCEPT LEAD)	...0.5% BY WEIGHT
LEAD	...5 PARTS PER MILLION
REINFORCED STEEL AND WELDED WIRE FABRIC	...0.5% BY WEIGHT
PLASTER AND GYPSUM BOARD	...0.1% BY WEIGHT

THE MATERIAL FOR CRUSHED CONCRETE BASE SHALL CONSIST ONLY OF CRUSHED CONCRETE PAVEMENT AND SUCH ADDITIVE MATERIAL AS MAY BE APPROVED BY THE COUNTY ENGINEER FOR THE PURPOSE OF FACILITATING CONSTRUCTION AND ACHIEVING THE DESIRED CHARACTERISTICS OF THE RECLAIMED CONCRETE PRODUCT. APPROVAL FROM THE COUNTY ENGINEER IS REQUIRED BEFORE USING ANY MATERIAL. PROPER MIXING SHALL BE DONE. ONCE APPROVED, A CHANGE IN THE SOURCE OF BASE MATERIAL SHALL REQUIRE ADDITIONAL ACCEPTANCE TESTING. THE MATERIAL SHALL NOT CONTAIN LUMPS, SHALL OR PORTS OF SAND OR CLAY MATERIAL IN SIZE OR QUANTITY SUFFICIENT TO BE DETRIMENTAL TO THE PROPER BONDING, FINISHING, STRENGTH OF THE CONCRETE BASE. EXISTING GRADE IS TO BE REMOVED TO CONSTRUCT THE NEW BASE.

**INSPECTION**  
 SUBGRADE AND BASE INSPECTIONS SHALL BE CONDUCTED BY THE ENGINEER OF RECORD AND THE COUNTY INSPECTOR PRIOR TO SURFACE COURSE CONSTRUCTION.

NOTE: NO DEVIATIONS TO THIS DETAIL WILL BE PERMITTED UNLESS APPROVED BY THE COUNTY ENGINEER. ANY PROPOSED ALTERATIONS SHALL BE CLEARLY IDENTIFIED AND HIGHLIGHTED ON DETAIL.

PASCO COUNTY ENGINEERING SERVICES DESIGN STANDARDS

**CRUSHED - CONCRETE BASE SPECIFICATIONS**

APPROVED BY JWF BCC APPROVAL REVISED \_\_\_\_\_ DWG. NO. 104

**EQUIPMENT, PLACEMENT AND SPREADING OF MATERIAL**  
 USE MECHANICAL ROCK SPREADERS, EQUIPPED WITH A DEVICE THAT STRIKES OFF THE ROCK UNIFORMLY TO LAYER THICKNESS AND CAPABLE OF PRODUCING EVEN DISTRIBUTION. FOR ROADWAY WIDTHS OF 10 FEET OR LESS, CROSSOVERS, INTERSECTIONS, RAMP AREAS OR WHERE THE USE OF A MECHANICAL SPREADER IS NOT PRACTICABLE, THE CONTRACTOR MAY SPREAD THE CRUSHED CONCRETE BASE USING BULLDOZERS OR ROAD GRADERS. TRANSPORT CRUSHED CONCRETE TO THE POINT OF USE, OVER THE BASE PREVIOUSLY PLACED, AND DUMP IT ON THE END OF THE PREVIOUS SPREAD. SHALL BE RESPONSIBLE TO VERIFY CRUSHED CONCRETE BASE WILL BE PLACED AND SPREAD UNIFORM. THESE OPERATIONS WILL NOT BE DETRIMENTAL TO THE BASE AND SUBGRADE.

CRUSHED CONCRETE SHALL BE SPREAD UNIFORMLY WITHOUT SEGREGATION OF FINE OR COARSE MATERIALS. SEGREGATED AREAS SHALL BE REPLACED WITH PROPERLY GRADED CRUSHED CONCRETE TO ADEQUATE FINISH.

THE MINIMUM THICKNESS OF THE CRUSHED CONCRETE BASE SHALL BE INDICATED ON THE PLANS. WHEN THE SPECIFIED COMPACTED THICKNESS OF THE CRUSHED CONCRETE BASE IS GREATER THAN SIX INCHES, CONSTRUCT THE BASE IN MULTIPLE COURSES OF EQUAL THICKNESS. INDIVIDUAL COURSES SHALL NOT BE LESS THAN THREE INCHES. PLACE CRUSHED CONCRETE MATERIAL TO ENSURE THE TOTAL THICKNESS SINGLE SOURCE DENSITY AT ANY SECTION LOCATIONS OF THE BASE.

**COMPACTING, FINISHING AND TESTING REQUIREMENTS**  
 AFTER SPREADING IS COMPLETED THE CRUSHED CONCRETE SHALL BE UNIFORMLY COMPACTED, WITH WATER BEING ADDED AS REQUIRED TO A DENSITY OF NOT LESS THAN ONE HUNDRED PERCENT (100%) OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D 1558. DURING FINAL COMPACTION OPERATIONS, IF THE AREAS OF ANY AREAS IS NECESSARY TO OBTAIN THE FINISH GRADE AND CROSS SECTION, FREE OF SCARS AND LAMINATIONS, THE COMPACTING OPERATIONS FOR SUCH AREAS SHALL BE COMPLETED PRIOR TO THE PERFORMANCE OF DENSITY TESTS ON THE FINISHED BASE.

MULTIPLE COURSE BASE: CLEAR THE FIRST COURSE OF FOREIGN MATERIAL, THEN BLADE AND BRING IT TO A SURFACE CROSS SECTION APPROXIMATELY PARALLEL TO THE FINISHED BASE. BEFORE SPREADING ANY MATERIAL FOR THE UPPER COURSES, OBTAIN DENSITY TESTS FOR THE LOWER COURSES TO DETERMINE THAT THE REQUIRED COMPACTION IS NOT LESS THAN ONE HUNDRED PERCENT (100%) OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D 1558 HAS BEEN OBTAINED. AFTER SPREADING THE CRUSHED CONCRETE FOR THE TOP COURSE, FINISH AND SHAPE ITS SURFACE TO PRODUCE THE REQUIRED GRADE AND CROSS-SECTION, FREE OF SCARS AND LAMINATIONS, AFTER COMPACTION.

THE MINIMUM DENSITY THAT WILL BE ACCEPTED AT ANY LOCATION OUTSIDE THE TRAVELLED ROADWAY (SUCH AS INTERSECTIONS, CROSSOVERS, TURNOUTS, ETC.) SHALL BE 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D 1558.

**TESTING OF BASE COURSE**  
 THE MINIMUM FREQUENCY OF SAMPLING AND TESTING OF CRUSHED CONCRETE MATERIAL LAB DENSITY, FIELD DENSITY AND THICKNESS SHALL ADHERE TO THE FREQUENCY OF TESTING FOR LIMBIC USE BY THE MOST CURRENT EDITION OF "PASCO COUNTY ENGINEERING SERVICES DEPARTMENT TESTING SPECIFICATIONS FOR CONSTRUCTION OF ROADWAY, STORM DRAINAGE AND UTILITIES". ONE (1) FIELD DENSITY, ONE (1) FIELD THICKNESS TEST FOR EACH COURSE OF FINE AND COARSE AGGREGATE (ASTM D 1558) (PMT-1027) FOLLOWING A PLASTICITY INDEX (PI) (ASTM D 1558) (PMT-1027) FROM THE APPROVED SOURCE SHALL BE SUBMITTED AT ONE PER DAY OR CHANGE OF MATERIAL ONE (1) ROADWAY FIELD TEST FOR EACH COURSE OF FINE AND COARSE AGGREGATE (ASTM D 1558) SHALL BE SUBMITTED PER 100 FEET OF ROAD PER DAY FOR EACH COURSE, INCLUDING ONE PER ROAD.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING PERFORMED IN CONNECTION WITH CONSTRUCTION OF THE BASE.

**CORRECTION OF DEFECTS**  
 ALL SEGREGATED AREAS OF FINE OR COARSE CRUSHED CONCRETE SHALL BE REMOVED AND REPLACED WITH PROPERLY GRADED RECLAIMED CONCRETE AGGREGATE BASE MATERIAL. ALL DEFECTS IN MATERIALS AND CONSTRUCTION SHALL BE CORRECTED BY THE CONTRACTOR, AT HIS EXPENSE, AND TO THE SATISFACTION OF THE COUNTY ENGINEER.

**FINISHING AND MAINTENANCE**  
 APPLY THE PRIME COAT ONLY WHEN THE BASE MEETS THE SPECIFIED DENSITY REQUIREMENTS AND WHEN THE MOISTURE CONTENT, AT THE TIME OF FINISHING, IS AT LEAST 1% ABOVE THE MOISTURE CONTENT OF THE FINISHED BASE. FINISHING SHALL BE DONE AS SOON AS PRACTICABLE AFTER THE CROWN AND TEMPLATE, WITH NO BUTTING OR DISTORTION, WHILE APPLYING THE SURFACE COURSE.

EMBANKMENT MATERIAL UNDER CONCRETE PAVEMENT SHALL BE PER FDOT INDEX No. 305.

**PASCO COUNTY TESTING SPECIFICATIONS ON CRUSHED CONCRETE BASE**  
 TESTS FOR BASE THICKNESS, AND DENSITY SHALL BE LOCATED NO MORE THAN THREE HUNDRED (300) FEET APART AND SHALL BE STAGGERED TO THE LEFT, RIGHT, AND ON THE CENTERLINE OF ROADWAY. THERE SHALL BE NO LESS THAN ONE (1) TEST PER STREET, BEARING VALLE, GRADATION AND FIELD TEST FOR EACH COURSE OF FINE AND COARSE AGGREGATE (ASTM D 1558) SHALL BE NO MORE THAN FIVE (5) HUNDRED (500) FEET.

EXAMPLE: A 50' WIDE ROADWAY WITH 10' SIDEWALKS ON EACH SIDE SHALL REQUIRE 1000 FIELD DENSITY AND THICKNESS TESTS PER DAY PER COURSE OF FINE AND COARSE AGGREGATE (ASTM D 1558) SHALL BE NO MORE THAN FIVE (5) HUNDRED (500) FEET.

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PASCO COUNTY ENGINEERING SERVICES DESIGN STANDARDS

**CRUSHED - CONCRETE BASE SPECIFICATIONS**

APPROVED BY JWF BCC APPROVAL REVISED \_\_\_\_\_ DWG. NO. 104

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DESIGNED	THE SIGNATURE OF THE QUALITY CONTROL OFFICER IN THIS SPACE INDICATES THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED AND THAT CONSTRUCTION IS AUTHORIZED TO COMMENCE.
DRAWN	
CHECKED	
IN CHARGE	

**King ENGINEERING ASSOCIATES, INC.**

4921 Memorial Highway  
 One Memorial Center, Suite 300  
 Tampa, Florida 33634  
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 Fax 813 880-8882  
 www.kingengineering.com  
 Engineering License #2610

**FH BUS STOP FOR FLORIDA HOSPITAL WESLEY CHAPEL**

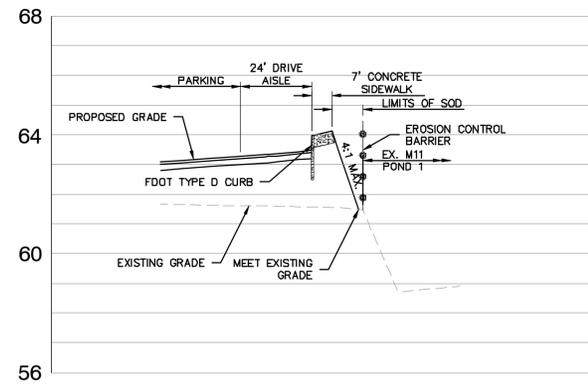
2600 BRUCE B. DOWNS BLVD.  
 WESLEY CHAPEL, FLORIDA 33544

**TYPICAL SECTIONS AND DETAILS**

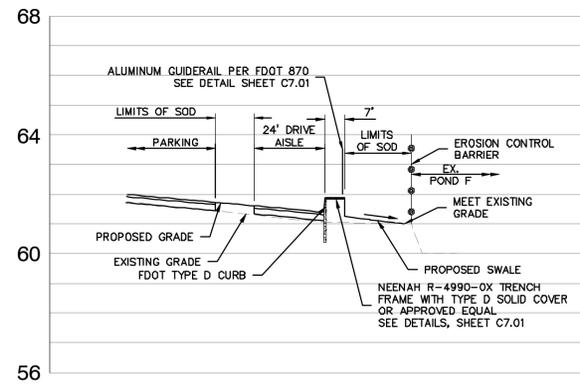
NO.	DATE	DESCRIPTION	APPROVED BY

JOB NO. 4874-000-000  
 DATE: JULY 14, 2014  
 SCALE: AS SHOWN  
 PASCO CO. INITIAL SUBMITTAL  
 NOVEMBER 14, 2014

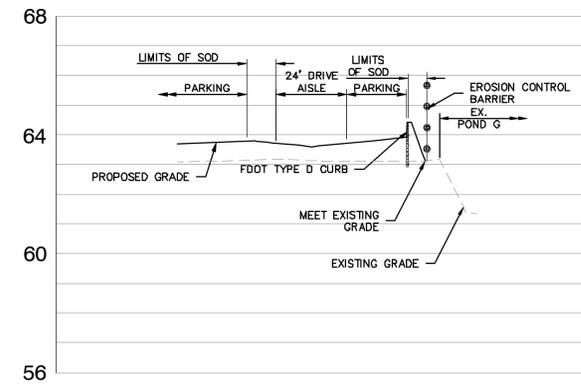




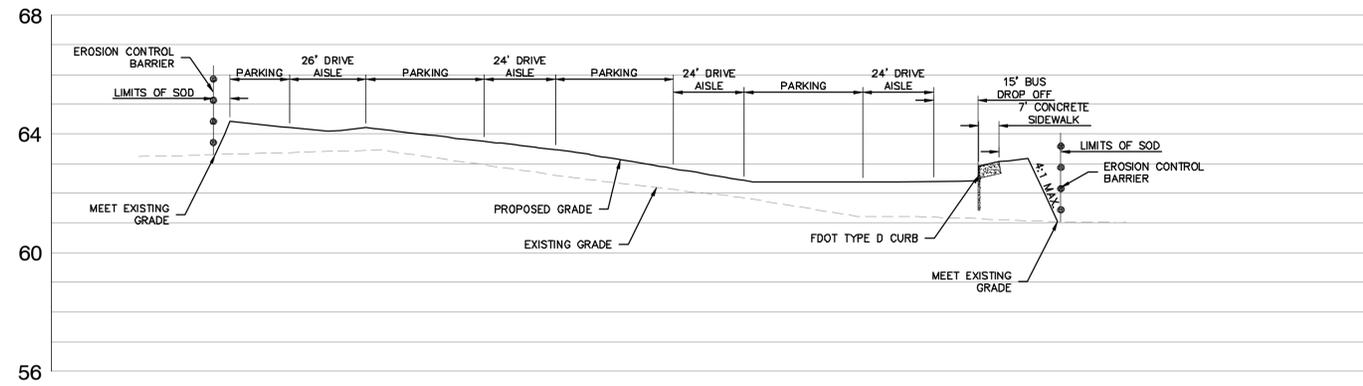
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1"= 3' VERT.



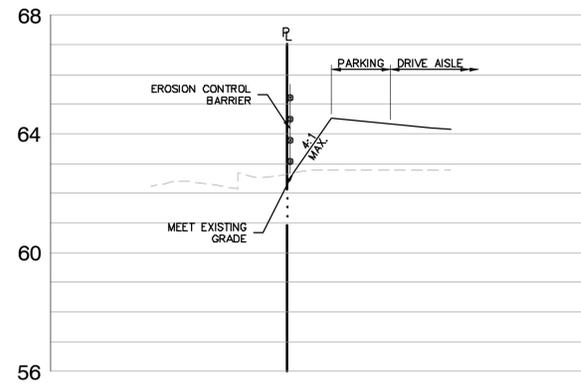
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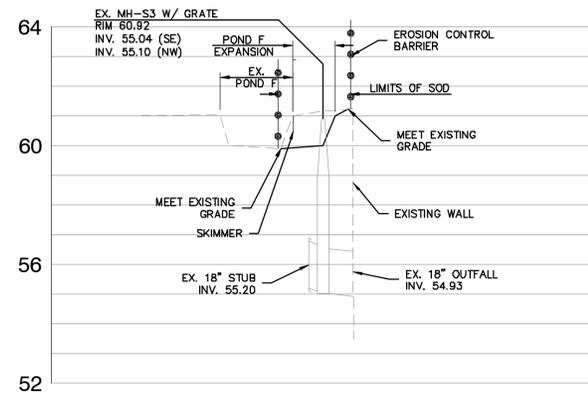
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1"= 3' VERT.



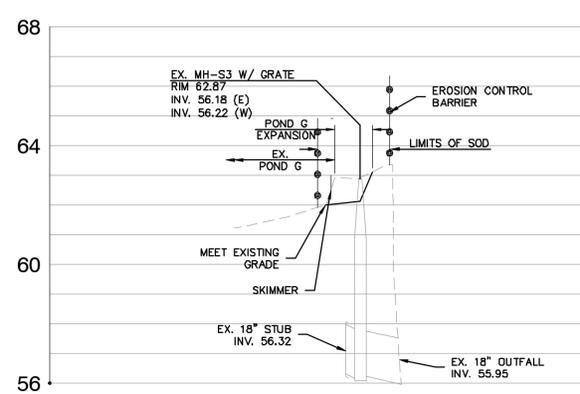
**SECTION D**  
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1"= 3' VERT.



**SECTION E**  
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1"= 3' VERT.



**SECTION F**  
SCALE: 1"=30' HORZ.  
1"= 3' VERT.



**SECTION G**  
SCALE: 1"=30' HORZ.  
1"= 3' VERT.

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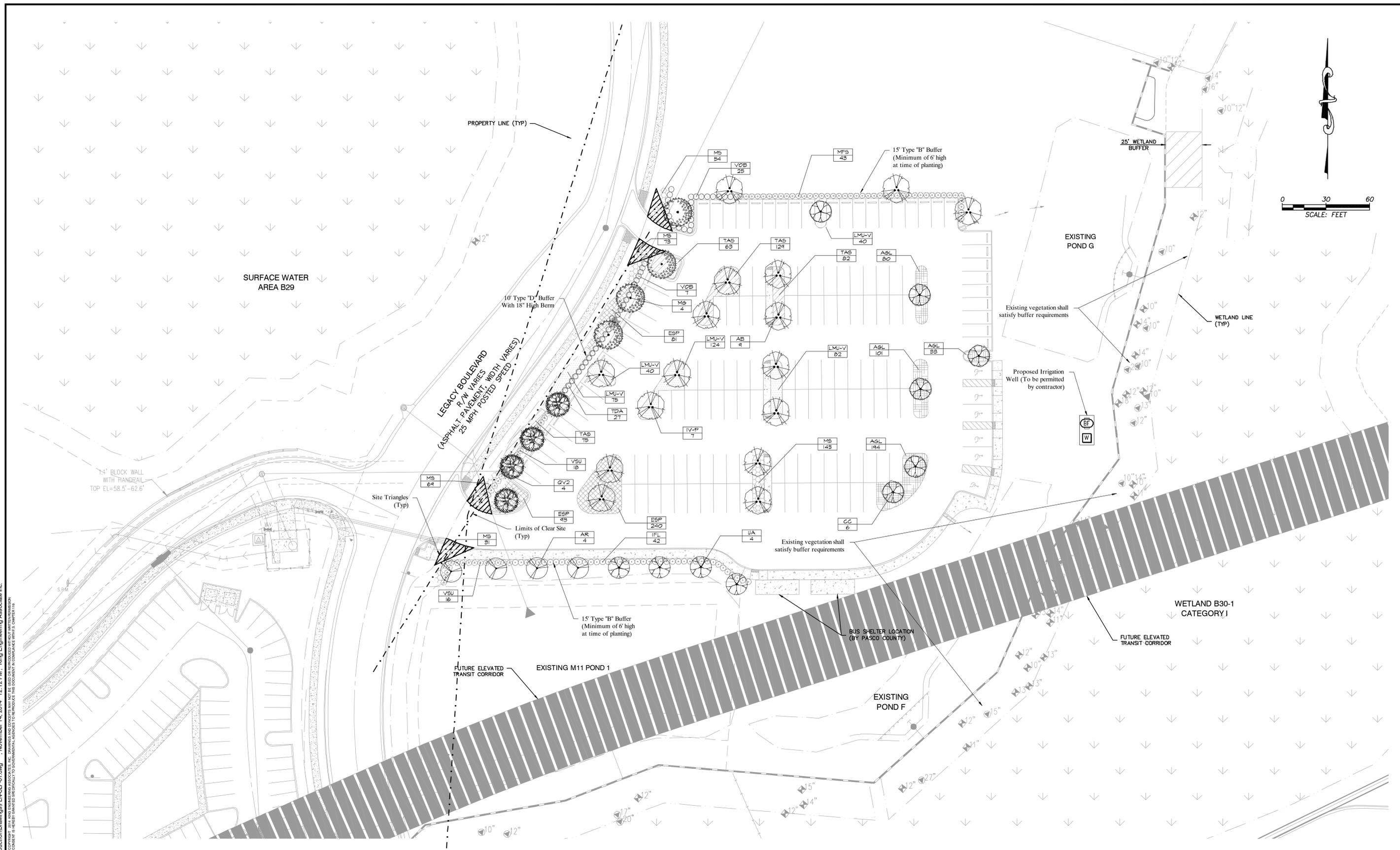
**FH BUS STOP**  
FOR  
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WESLEY CHAPEL, FLORIDA 33544

**GRADING DETAILS**

NO.	DATE	DESCRIPTION	APP'D BY

JOB NO.	4874-000-000	<b>C9.01</b>
DATE:	JULY 14, 2014	
SCALE:	AS SHOWN	
PASCO CO. INITIAL SUBMITTAL NOVEMBER 14, 2014		

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DRAWN	JSH
CHECKED	XXX
D.C.	XXX

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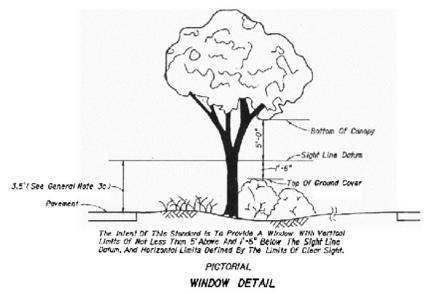
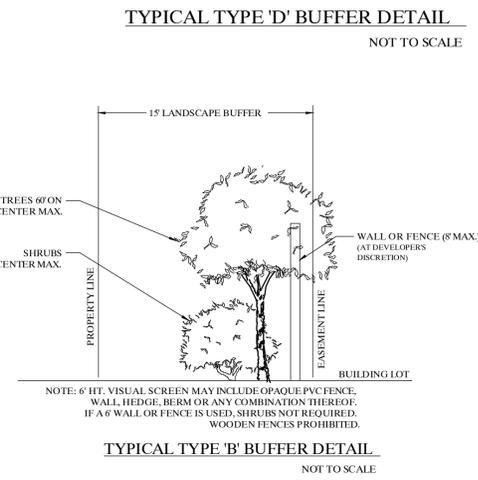
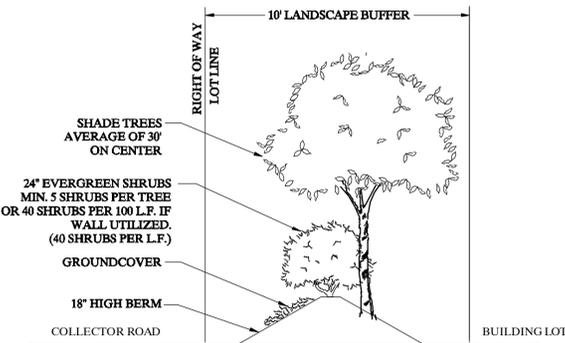
**CODE LANDSCAPE PLAN**

NO.	DATE	DESCRIPTION	APP'D BY

Clark C Lohmiller Nov 14, 2014 L.A. 6667167	JOB NO. 4874-000-000 DATE JULY 14, 2014 SCALE AS SHOWN PASCO CO. INITIAL SUBMITTAL NOVEMBER 14, 2014	SHEET NO. <b>L1.01</b>
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PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	GAL	SIZE	NATIVE	DROUGHT TOLERANCE
	AB	4	Acer barbatum 'Floridanum'	Florida Maple	30 gal	2" Cal	8-10' Ht. x 3-4' Spd.	Yes	High
	AR	4	Acer rubrum	Red Maple	30 gal	2" Cal	8-10' Ht. 4-5' Spd.	Yes	Medium
	CC	6	Cercis canadensis	Eastern Redbud	30 gal	2" Cal	6-8' Ht. x 4-5' Spd.	Yes	High
	IV-F	7	Ilex vomitoria 'Pendula'	Keeping Yaupon Holly	30 gal	2" Cal	8-10' Ht. x 3-4' Spd.	Yes	High
	MS	4	Magnolia grandiflora	Southern Magnolia	30 gal	2" Cal	8-10' Ht. 4-5' Spd.	Yes	Medium
	QV2	4	Quercus virginiana	Southern Live Oak	30 gal	2" Cal	8-10' Ht. 4-5' Spd.	Yes	High
	UA	4	Ulmus alata	Winged Elm	30 gal	2" Cal	8-10' Ht. 4-5' Spd.	Yes	High
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	GAL	SIZE	NATIVE	DROUGHT TOLERANCE
	IFL	42	Illicium floridanum	Florida Anise	30 gal, 4' OC		72" HT x 42" SPD	Yes	Medium
	MFS	48	Myrcianthes fragrans	Simpson's Stopper	30 gal, 4' OC		72" HT x 42" SPD	Yes	High
	TDA	27	Tripsacum dactyloides	Fakahatchee Grass	3 gal, 4' OC		24" HT x 24" SPD	Yes	Medium
	VOB	32	Viburnum ovalatum	Walter's Viburnum	3 gal, 4' OC		24" HT x 24" SPD	Yes	High
	VSU	34	Viburnum suspensum	Sandankia Viburnum	3 gal, 3' OC		24" HT x 24" SPD	No	Low
Ground Cover	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	GAL	SPACING	NATIVE	DROUGHT TOLERANCE
	AGL	408	Arachis glabrata	Perennial Peanut	1 gal		12" o.c.	No	High
	ESP	414	Eragrostis spectabilis	Purple Love Grass	1 gal		12" o.c.	Yes	High
	LMU-V	361	Liriope muscari 'Variegata'	Variegated Lily Turf	1 gal		12" o.c.	No	Medium
	MS	372	Mimosa strigillosa	Sensitive Plant	4' pot		9" o.c.	Yes	High
	TAS	349	Trachelospermum asiaticum	Star Jasmine	1 gal		12" o.c.	No	Medium



**TREE LEGEND**

- = 12" UNKNOWN TYPE TREE
- = 12" CHERRY LAUREL
- = 12" WILLOW TREE
- = 12" HOLLY TREE
- = 12" DEAD TREE
- = 12" CHINESE TALLOW TREE
- = 12" CHINABERRY TREE
- = 12" OAK TREE
- = 12" JACARANDA TREE
- = 12" MULBERRY TREE
- = 12" PALM TREE
- = 12" BAY TREE
- = 12" MAGNOLIA TREE
- = 12" CITRUS TREE
- = 12" PECAN TREE
- = 12" EUCALYPTUS TREE
- = 12" CAMPHOR TREE
- = 12" SYCAMORE TREE
- = 12" PINE TREE
- = 12" AUSTRALIAN PINE
- = 12" CEDAR TREE
- = 12" ELM TREE
- = 12" MAPLE TREE
- = 12" WAX MYRTLE TREE
- = 12" PINK TREE
- = 12" CYPRESS TREE
- = 12" EAR TREE
- = 12" SWEET OAK TREE
- = 12" BIRCH
- = 12" HICKORY

- = TREE HAVING ONE TRUNK AT BREAST HEIGHT, 12" IN DIAMETER
- = TREE HAVING MULTIPLE TRUNKS AT BREAST HEIGHT 12", 17" AND 5" IN DIAMETER
- = TREE TO BE PROTECTED
- = TREE TO BE REMOVED
- = TREE TO BE TRANSPLANTED

**NOTES:**

- All trees shall be grade Florida No. 1 or better.
- All single trunk replacement trees to be minimum of 2" caliper. All multiple trunk replacement trees to have a minimum of 3-1" caliper trunks.
- Maintenance of common area trees will be the responsibility of the developer, H.O.A., C.D.D. or other assigned entity.
- Where trees are proposed within the right-of-way, i.e. street trees, the abutting property owner will be responsible for maintenance.
- All trees to be planted in accordance with the Florida Chapter, International Society of Arboriculture standards.
- Trees located on lot areas and adjacent to lot frontage will be planted at time of home construction, prior to certificate of occupancy. Street trees along lot frontage shall be installed within the county right-of-way.
- Trees proposed in common areas, retention areas and entryways will be planted within 30 days after infrastructure improvements are complete.
- Developer shall replace any tree which dies within 1 year to County acceptance.
- No trees shall be planted closer than 30 feet to a stop sign.
- All trees shall be planted a minimum of 6 feet off the back of curb.
- Final onsite planting locations may vary from the plan in order to accommodate lot improvements and utilities (i.e. driveways, fire hydrants, transformers, etc.).
- No trees shall be planted closer than 10 feet to any fire hydrant.

**PASCO COUNTY LANDSCAPING STANDARD NOTES (PASCO LDC 905.2)**

- Maintenance Responsibility.** The County is not responsible for maintenance of any landscaping unless approved through a County maintenance agreement. (LDC 905.2-C.1.a)
- Clear-Sight Triangle.** Where a driveway/accessway intersects a road right-of-way or where two (2) road rights-of-way intersect, vegetation, structures, and non-vegetative visual screens shall not be located so as to interfere with the clear-sight triangle as defined in this Code or the Florida Department of Transportation, Manual of Uniform Minimum Standards, most recent edition (Green Book), whichever is more restrictive. (LDC 905.2-C.1.b)
- Sustainable Practices.** Landscaping shall be installed so that landscaping materials meet the concept of right material/right place. Installed trees and plants shall be grouped into zones according to water, soil, climate, and light requirements. Plant groupings based on water requirements are drought tolerant, natural, and oasis. (LDC 905.2-C.1.c)
- Diversity.** A maximum of 50 percent of the plant materials used, other than trees, may be non-drought tolerant. A minimum of 30 percent of the plant materials, other than trees and turfgrass, used to fulfill the requirement of this subsection shall be native Floridian species, suitable for growth in the county. (LDC 905.2-C.1.d)
- Diversity.** No one plant species of shrubs or ground cover plants, excluding turfgrass, shall constitute more than 25 percent coverage of the overall landscape area. (LDC 905.2-C.1.d.5)
- Quality.** All plant materials shall be Florida No. 1 grade per "Grades and Standards for Nursery Plants." Florida Department of Agriculture and Consumer Services (FDACS), which is incorporated herein by reference. (LDC 905.2-C.2.a)
- Avoid Easements.** Trees shall not be planted within any easement so as to interfere with the use of that easement, nor under any present or planned overhead utility, nor in any rights-of-way without County approval through the associated review process. (LDC 905.2-C.3.c)
- Mulch shall be used in conjunction with living plant materials so as to cover exposed soil. Mulch shall be installed to a minimum depth of three (3) inches. The mulch should not be placed directly against the plant stem or tree trunk. Much shall not be required for annual beds. Stone or gravel may be used to cover a maximum of 20 percent of the landscaped area. (LDC 905.2-C.3.d)
- Quality Practices.** All landscaping shall be installed in accordance with standards and practices of the Florida Nursery, Growers, and Landscape Association and the Florida Chapter of the International Society of Arboriculture. (LDC 905.2-C.3.e)
- All portions of a lot upon which development has commence, but not continued for a period of 30 days, shall be planted with a grass species or ground cover to prevent erosion and encourage soil stabilization. Adequate coverage, so as to suppress fugitive dust, shall be achieved within 45 days. (LDC 905.2-C.3.g)
- All required landscaping shall be maintained in a healthy condition in perpetuity in accordance with this Code. (LDC 905.2-E.2)
- Ongoing maintenance to prevent the establishment of prohibited exotic species is required. (LDC 905.2-E.4)
- If during construction activities any evidence of the presence of State and Federally protected plant and/or animal species is discovered, work shall come to an immediate stop and Pasco County shall be notified within two working days of the plant and/or animal species found on the site.

**NOTES:**

VEHICULAR USE REQUIREMENTS:  
±62,078 S.F. VEHICULAR USE AREA  
10% LANDSCAPE AREA = 6,207 S.F. REQUIRED AREA  
±7,550 S.F. INTERIOR LANDSCAPE AREA PROPOSED

1 SHADE TREE PER 200 S.F. OF REQUIRED AREA  
6,207 / 200 = 31 SHADE TREES REQUIRED  
35 SHADE TREES PROPOSED

**MISCELLANEOUS REQUIREMENTS:**  
1 TREE SPECIES PER 5 REQUIRED TREES UP TO 8 TREE SPECIES MINIMUM.  
7 SPECIES PROPOSED

NO SHRUB TO BE MORE THAN 25% OF SHRUB TOTAL.  
SHRUBS TO BE 50% DROUGHT TOLERANT, 30% NATIVE.

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DESIGNED	NLL
DRAWN	JSH
CHECKED	XXX
D.C.	XXX

THE SIGNATURE OF THE QUALITY CONTROL OFFICER IN THIS SPACE INDICATES THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED AND THAT CONSTRUCTION IS AUTHORIZED TO COMMENCE.

**King**  
ENGINEERING ASSOCIATES, INC.

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**FH BUS STOP**  
FOR  
**FLORIDA HOSPITAL WESLEY CHAPEL**  
2600 BRUCE B. DOWNS BLVD.  
WESLEY CHAPEL, FLORIDA 33544

**CODE LANDSCAPE PLAN**

NO.	DATE	DESCRIPTION	APPROVED BY

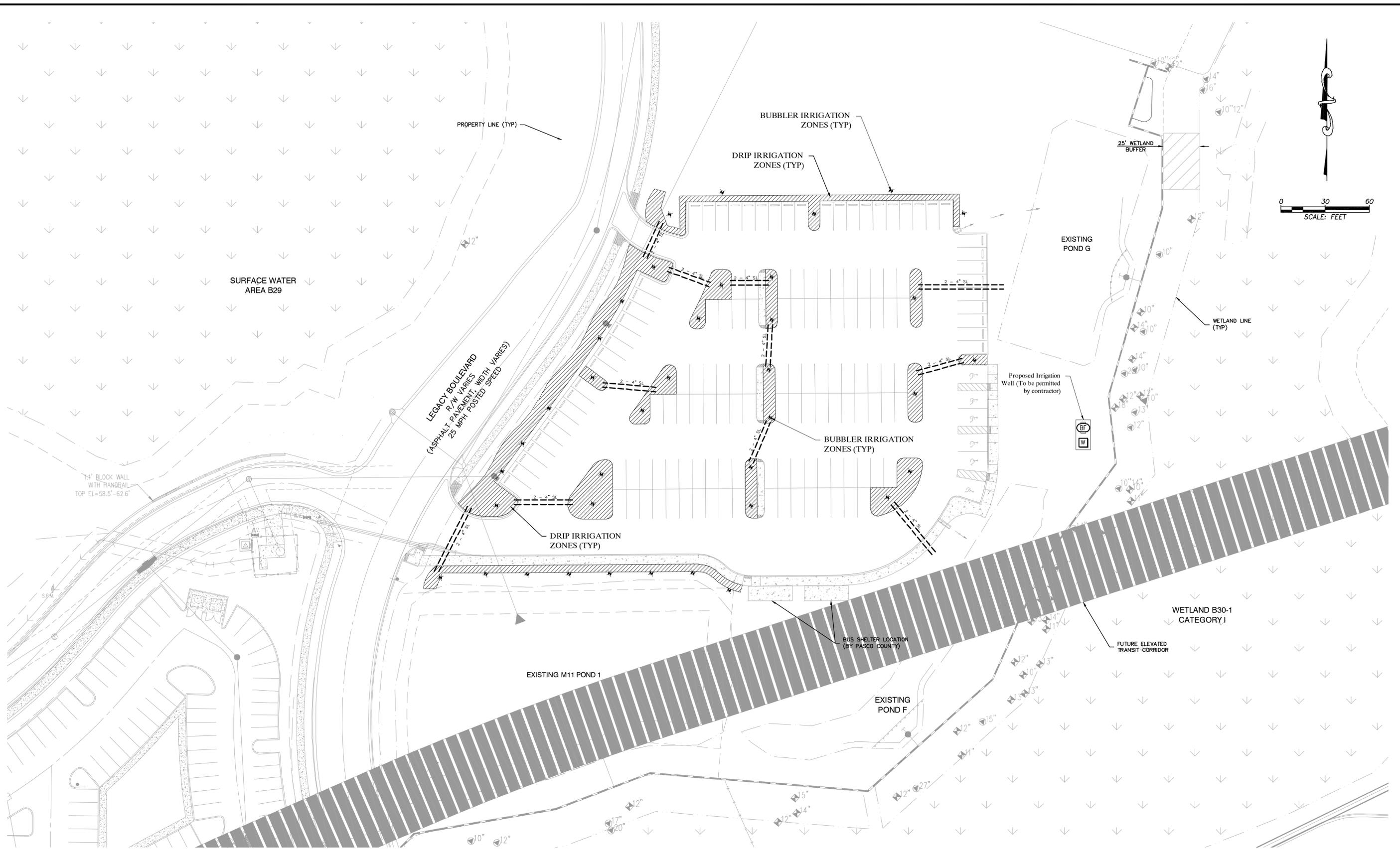
Clark C Lohmiller  
Nov 14, 2014  
L.A. 6667167

JOB NO. 4874-000-000  
DATE: JULY 14, 2014  
SCALE: AS SHOWN

SHEET NO. **L1.02**

PASCO CO. INITIAL SUBMITTAL  
NOVEMBER 14, 2014

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 2600 BRUCE B. DOWNS BLVD.  
 WESLEY CHAPEL, FLORIDA 33544

**CODE IRRIGATION PLAN**

NO.	DATE	DESCRIPTION	APP'D BY

JOB NO. 4874-000-000 DATE: JULY 14, 2014 SCALE: AS SHOWN	SHEET NO. <b>IR1.01</b>
Clark C Lohmiller Nov 14, 2014 L.A. 6667167	PASCO CO. INITIAL SUBMITTAL NOVEMBER 14, 2014

