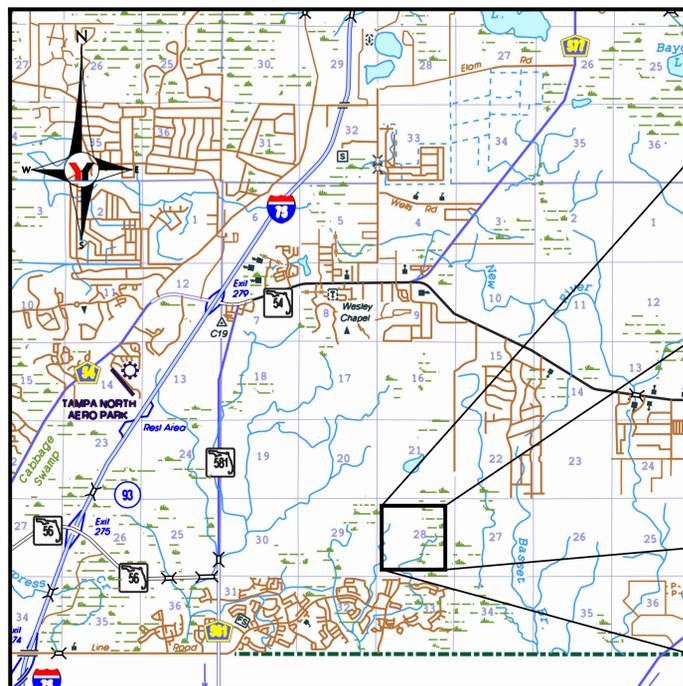
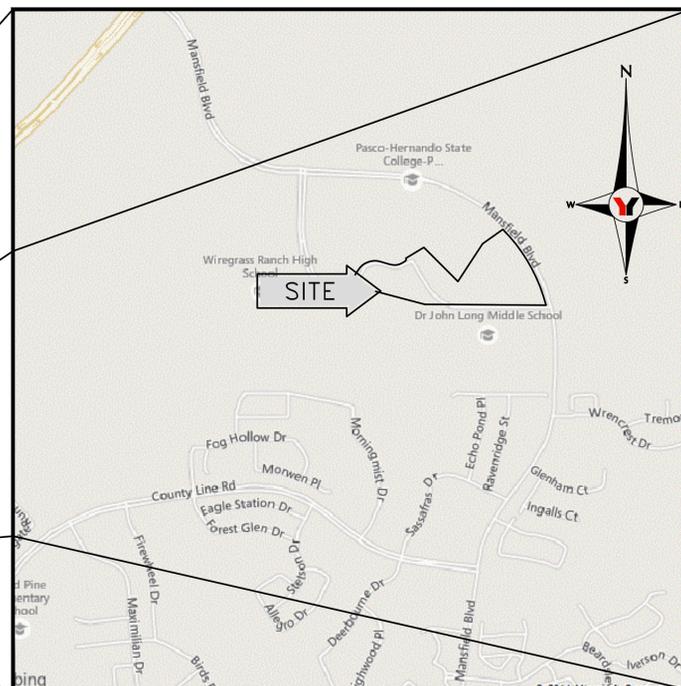


# PASCO ELEMENTARY SCHOOL "W" CONSTRUCTION DRAWINGS

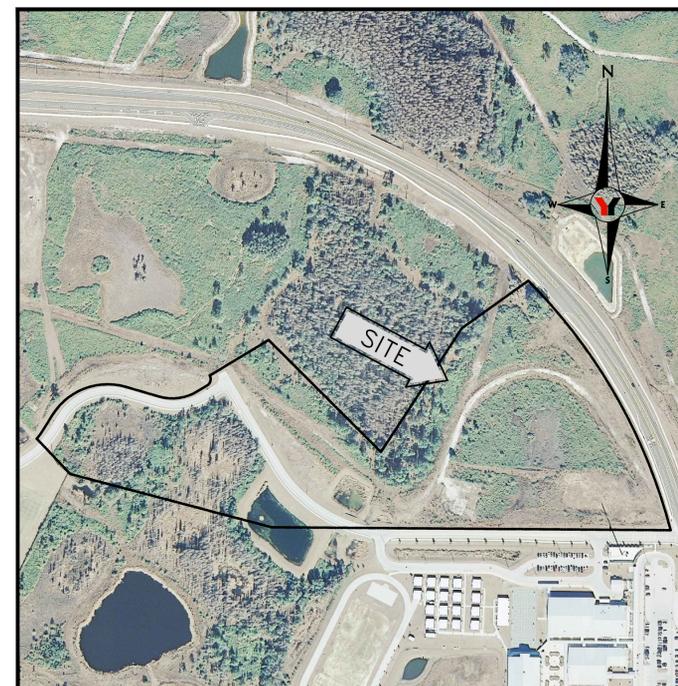
PASCO COUNTY, FLORIDA



VICINITY MAP  
N.T.S.



LOCATION MAP  
N.T.S.



SITE MAP  
SCALE: 1"=300'

SECTION 28 TOWNSHIP 26 S, RANGE 20 E

COUNTY SUBMITTAL	SUBMITTAL	INDEX
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### UTILITY WARNING NOTE:

ABOVE GROUND OR UNDER GROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT. PROCEED WITH CAUTION. CALL "SUNSHINE STATE ONE CALL SYSTEM" AND THE UTILITY OWNER(S) BEFORE BEGINNING WORK 1-800-432-4770. (48 HOURS IN ADVANCE.)

THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION, TYPE, AND DEPTH OF ALL UTILITIES (ABOVE AND BELOW GROUND) PRIOR TO CONSTRUCTION.

CLIENT  
HARVARD JOLLY ARCHITECTURE  
5201 W. KENNEDY BLVD., SUITE 515  
TAMPA, FL 33609  
PH. 813-286-8206

ENGINEER  
GEORGE F. YOUNG, INC.  
299 DR. MARTIN LUTHER KING JR. ST. N.  
ST. PETERSBURG, FL 33701  
PH. (727) 822-4317  
FAX (727) 822-2919

ALLISON C. SHAW FL REG No 57366  
DATE:



## SITE PREPARATION NOTES

1. ALL CONSTRUCTION WITHIN THE RIGHT-OF-WAY AND EASEMENTS SHALL CONFORM TO THE METHODS, STANDARDS AND SPECIFICATIONS OF PASCO COUNTY, AND ANY OTHER APPLICABLE AGENCIES.
2. POTABLE-WATER, SEWERAGE, AND FIRE SERVICE ON SITE WILL BE PROVIDED BY PASCO COUNTY UTILITIES. ELECTRICAL SERVICE ON SITE WILL BE PROVIDED BY TAMPA ELECTRIC COMPANY.
3. CONTRACTOR TO ATTAIN APPROPRIATE WORK PERMITS PRIOR TO BEGINNING CONSTRUCTION WITHIN THE RIGHT-OF-WAY.
4. ALL DEMOLITION, BACKFILLING, ETC. SHALL CONFORM TO THE RECOMMENDATIONS OF THE SOILS ENGINEER AND/OR OWNER'S REPRESENTATIVE.
5. CONTRACTOR TO NOTIFY ALL UTILITIES FORTY-EIGHT (48) HOURS PRIOR TO DEMOLITION AND/OR EXCAVATION, INCLUDING THE LOCAL GAS COMPANY IN ACCORDANCE WITH F.S. 553.851. CALL "SUNSHINE STATE ONE CALL SYSTEM", 1-800-432-4770, SO THAT UNDERGROUND UTILITIES CAN BE FIELD SPOTTED. ALL UTILITIES SHOWN ARE APPROXIMATE.
6. CONTRACTOR TO VERIFY AND COORDINATE WITH THE COUNTY, WITHLACOOCHEE RIVER ELECTRIC, GENERAL TELEPHONE, GAS, ETC. FOR THE REMOVAL OR RELOCATION OF ANY OF THESE FACILITIES.
7. ALL DISTURBED AREAS WITHIN PUBLIC RIGHT-OF-WAY TO BE RESTORED TO ORIGINAL STATE OR BETTER. DISTURBED AREAS OF THE PARKWAY ARE TO BE RESTORED WITH APPROPRIATE GRADING TO MATCH EXISTING ADJACENT CONDITIONS AND SOD.
8. PROTECTION OF EXISTING STORM SEWER SYSTEMS: DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED SYNTHETIC HAY BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY THE CONSTRUCTION PROCESS.
9. SEDIMENT TRAPPING MEASURES: SEDIMENT BASINS AND TRAP, PERIMETER BERMS, FILTER FENCES, BERMS SEDIMENT BARRIERS, VEGETATIVE BUFFERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING WATER BODIES, MUST BE INSTALLED, CONSTRUCTED, OR IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS.
10. MAINTENANCE: ALL EROSION AND SILTATION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL, AND WILL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
11. CONTRACTOR TO CLEAR, GRUB AND REMOVE ALL DEBRIS ON SITE AND ALL AREAS OF THE RIGHT-OF-WAY AS NECESSARY TO COMPLETE WORK.
12. CONTRACTOR TO COORDINATE WITH OWNER'S REPRESENTATIVE ALL EXISTING UTILITIES AND APPURTENANCES TO BE REMOVED, I.E. LIGHT POLES, TREES, SHRUBS, ETC. BEFORE WORK BEGINS. THESE ITEMS MAY BE USED IN THE NEW FACILITY AT THE OWNER'S REQUEST.
13. CONTRACTOR TO VERIFY ALL PLAN DIMENSIONS AND SITE CONDITIONS, NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN SITE CONDITIONS AND INFORMATION SHOWN ON DRAWINGS PRIOR TO COMMENCING WORK.
14. ALL MATERIAL EXCAVATED THAT IS SUITABLE FOR FILL UNDER PAVING, OR LANDSCAPING AREA, IS TO BE SPREAD AND COMPACTED IN LOCATIONS DESIGNATED BY THE OWNER'S REPRESENTATIVE.
15. WHEN ALL EXCAVATION AND DEMOLITION IS COMPLETE, CLEAN FILL SHALL BE SPREAD AND COMPACTED IN LIFTS DESIGNATED BY THE TESTING LABORATORY TO THE REQUIRED ELEVATION AS SHOWN ON PLANS.
16. ALL ABOVE NOTES APPLY TO ALL SHEETS WHERE APPLICABLE.
17. CONTRACTOR TO BE RESPONSIBLE FOR THE CONTROL OF FUGITIVE DUST AND ALIKE MATERIALS FOR THE DURATION OF THE CONSTRUCTION, SITE CONDITIONS AND INFORMATION SHOWN ON DRAWINGS PRIOR TO COMMENCING WORK.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE, OPERATION AND MONITORING OF STORM WATER POLLUTION PREVENTION FOR EROSION CONTROL AND PROTECTION OF EXISTING STORM SEWER SYSTEMS.
19. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
20. DISPOSE OF ALL UNSUITABLE MATERIALS OFF-SITE IN A PERMITTED, APPROVED DISPOSAL SITE. MATERIAL TO BE DISPOSED OF OR MOVED IN ACCORDANCE WITH INSTRUCTIONS OF OWNER'S REPRESENTATIVE.
21. IF DURING CONSTRUCTION ACTIVITIES ANY EVIDENCE OF HISTORIC RESOURCES, INCLUDING BUT NOT LIMITED TO ABORIGINAL OR HISTORIC POTTERY, PREHISTORIC STONE TOOLS, BONE OR SHELL TOOLS, HISTORIC TRASH PITS, OR HISTORIC BUILDING FOUNDATION, ARE DISCOVERED, WORK SHALL COME TO AN IMMEDIATE STOP AND THE FLORIDA DEPARTMENT OF HISTORIC RESOURCES (STATE HISTORIC PRESERVATION OFFICER) AND PASCO COUNTY SHALL BE NOTIFIED WITHIN TWO WORKING DAYS OF THE RESOURCES FOUND ON THE SITE.
22. ALL CONSTRUCTION SHALL CONFORM TO THE METHODS, STANDARDS AND SPECIFICATIONS OF PASCO COUNTY AND ALL APPLICABLE AGENCIES.
23. ALL SOIL EXCAVATION, BACKFILL AND USAGE TO BE DONE UNDER THE RECOMMENDATIONS OF A CERTIFIED SOIL TESTING LABORATORY.
24. ALL UNDERGROUND UTILITIES INCLUDING CONDUIT FOR UTILITY AND IRRIGATION CROSSINGS SHALL BE INSTALLED PRIOR TO PAVEMENT CONSTRUCTION. REFER TO THE ARCHITECTURAL DRAWINGS FOR IRRIGATION SLEEVE LOCATIONS.
25. THE CONTRACTOR SHALL PROVIDE ALL BRACING, SHEETING OR SHORING NECESSARY TO CONSTRUCT AND PROTECT ANY EXCAVATION AGAINST COLLAPSING. TRENCHES SHALL BE KEPT DRY WHILE PIPE IS BEING LAID. DEWATERING SHALL BE PROVIDED WHERE NECESSARY. PIPE WILL BE ON DRY, UNDISTURBED SOIL. WET UNSUITABLE MATERIAL WILL BE REPLACED WITH COMPACTED SELECT BACKFILL MATERIAL. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE TRENCH SAFETY ACT CHAPTER 90-96 (DS/SB 2626) OF THE FLORIDA STATUTES FOR ALL EXCAVATION TO A DEPTH IN EXCESS OF FIVE (5) FEET.
26. CONTRACTOR TO MAKE FIELD ADJUSTMENT, AS NECESSARY, WITH THE APPROVAL OF THE OWNER, ENGINEER AND/OR MUNICIPALITY WHEN REQUIRED.
27. ALL PRACTICABLE AND NECESSARY EFFORT SHALL BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT MATERIAL TO THE OFF-SITE STORM SEWER SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION EFFORTS THAT MAY BE REQUIRED.
28. ALL CONCRETE TO HAVE A MINIMUM STRENGTH OF 3000 PSI WITHIN 28 DAYS AND TESTED PER PASCO COUNTY REGULATIONS.

## SANITARY SEWER / WATER DISTRIBUTION NOTES

1. ALL SEWER AND WATER PIPE MATERIAL AND INSTALLATIONS ARE TO BE IN ACCORDANCE WITH THE PASCO COUNTY "STANDARDS FOR DESIGN AND CONSTRUCTION OF WATER, WASTEWATER, AND RECLAIMED WATER FACILITIES", JUNE 1995 EDITION. SANITARY SEWER PIPE IS SHALL BE PVC (SDR-35) UP TO DEPTHS OF 12 FEET, DEPTHS BETWEEN 12 FEET AND 18 FEET SHALL BE PVC (SDR-26) AND DEPTHS EXCEEDING 18 FEET SHALL BE PVC(C-900). ALL SANITARY SEWER SHALL BE COLORED GREEN. WATER PIPE 2" THROUGH 3" SHALL BE PVC (SDR-21) AND PIPE 4" THROUGH 12" SHALL BE PVC AWWA C-900. DR-18. ALL WATER PIPE SHALL BE COLORED BLUE. METAL DETECTION TAPE SHALL BE PLACED ABOVE SANITARY FORCEMAIN, FIRE MAIN, AND POTABLE WATER SYSTEMS.
2. ALL SEWER AND WATER SERVICE LATERALS ARE TO BE MARKED WITH PAINT ON WOOD STAKES AT END OF SERVICE LATERALS (BLUE PAINT FOR WATER, GREEN PAINT FOR SEWER).
3. CONFLICTS OF WATER LINES WITH SANITARY SEWER AND STORM SEWER SYSTEMS TO BE RESOLVED BY ADJUSTING WATER LINES AS NECESSARY.
4. WATER LINES, AND SANITARY SEWER LINES TO HAVE A MINIMUM 36-INCHES OF COVER FROM PROPOSED GRADE.
5. APPROXIMATE WATER LINE AND DISTANCES ARE SHOWN BETWEEN CENTERS OF MAIN FITTINGS TO WITHIN 5' FROM THE BUILDING. THE CONTRACTOR SHALL PROVIDED ALL FITTINGS REQUIRED FOR COMPLETE SYSTEMS IN ACCORDANCE WITH GOOD CONSTRUCTION PRACTICE.
6. MINIMUM SEPARATION BETWEEN WATER AND SEWER LINES OR FORCE MAIN TO BE 10 FEET HORIZONTAL AND 18 INCHES VERTICAL.
7. SEWAGE DISPOSAL WILL BE PROVIDED BY PASCO COUNTY UTILITIES FROM AN EXISTING SANITARY SEWER MAIN ON MYSTIC BOULEVARD.
8. POTABLE WATER WILL BE PROVIDED BY PASCO COUNTY.
9. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST TO RELOCATE OR REPAIR ANY EXISTING UTILITIES TO CONSTRUCT IMPROVEMENTS.
10. ALL NEW OR REINSTALLED STRUCTURES SHALL HAVE A MINIMUM OF 12" OF #57 STONE (CRUSHED CONCRETE IS APPROVED @ #57 SIEVE SIZE) UNDER STRUCTURES FOR STABILIZATION.
11. ALL ON-SITE WATER & SEWER FACILITIES TO BE OWNED AND MAINTAINED BY THE DISTRICT SCHOOL BOARD OF PASCO COUNTY.
12. ALL RESTRAINED JOINTS TO BE MEGALUG.
13. ALL CONCRETE THRUST BLOCKS AND REVERSE DEADMEN SHALL BE CAST IN PLACE.
14. COMMENCEMENT OF DENSITY VERIFICATION TO BEGIN AT "SPRING LINE" OF ALL UNDERGROUND UTILITIES. DENSITY VERIFICATION TO CONTINUE IN 12" MAXIMUM VERTICAL LIFTS UNTIL FINAL GRADE IS ACHIEVED.
15. UTILITY CROSSING FOR ALL SERVICES (IE: WHERE WATER SERVICES CROSS SANITARY SEWER SERVICES) SHALL BE SLEEVED WITH DUCTILE IRON PIPE 8' MINIMUM, EITHER SIDE OF CROSSING.
16. REDUCED PRESSURE BACKFLOW PREVENTERS SHALL BE WATTS MODEL 009. (POTABLE AND IRRIGATION) OR APPROVED EQUAL.
17. DOUBLE CHECK VALVE WITH DETECTOR CHECK ASSEMBLY TO BE INSTALLED PER PASCO COUNTY STANDARDS, JUNE 1995 EDITION.
18. ALL FIRE HYDRANTS SHALL HAVE A MIN. OF 1000 GPM AT 20 psi RESIDUAL PRESSURE FOR FIRE SERVICE.
19. REFER TO ARCH & MEP PLANS FOR OTHER SUBSURFACE UTILITIES, INCLUDING BUT NOT LIMITED TO: TELECOMMUNICATIONS, SECURITY, POWER, TECHNOLOGY & CHILLER LINES.
20. 8" FIRE MAIN-MATERIALS, INSTALLATION AND TESTING TO COMPLY WITH NFPA 24 INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES.
21. INSTALLATION TO BE PERFORMED BY CONTRACTOR WITH NO LESS THAN A CERTIFICATION OF "CLASS V" BY THE STATE FIRE MARSHAL. (CHAPTER 633.021) 22. ALL HYDRANTS TO FACE CURB.

## SPECIAL NOTES

1. ALL CONCRETE STORM PIPE TO BE RCP CLASS III (ASTM C-760).
2. SOIL, GRASS AND PLANTING BEDS SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM BLDGS & WALKS BUT SHALL NOT FALL AWAY AT MORE THAN A THREE PERCENT (2%) GRADIENT OF SLOPE FOR A MINIMUM OF FIVE (5) FEET FROM THE EDGE. THE LOCATION FOR ALL DRAINS, GRATES, DROP INLETS, CATCH BASINS, AND OTHER DRAINAGE STRUCTURES SHALL BE TO THE SIDE OF WALKS. CURB CUTS SHALL BE OUT OF THE MAIN FLOW OF PEDESTRIAN TRAFFIC.
4. DRAINAGE INLET STRUCTURES MAY BE FIELD LOCATED AND ADJUSTED AFTER COORDINATING WITH ENGINEER OR OWNER'S REPRESENTATIVE.
5. SHOP DRAWINGS FOR DRAINAGE ITEMS MUST BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION IN ACCORDANCE WITH CONTRACT DOCUMENTS.
6. CONTRACTOR TO PROVIDE APPROPRIATE BARRICADES FOR SEGREGATING THE CONSTRUCTION AREAS FROM THE STUDENTS/STAFF AT ALL TIMES THROUGHOUT THE DURATION OF THE CONSTRUCTION ACTIVITIES.
7. AGGREGATES SHALL CONFORM TO FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" DIVISION III, AGGREGATES SECTION 901, COARSE AGGREGATES (EXCLUDING SECTION 901-2.3). GRADATION OF AGGREGATES SHALL CONFORM TO REQUIREMENTS OF TABLE 1, SECTION 901-1.4 WHEN THE STONE SIZE IS SPECIFIED.

## PAVING, GRADING & DRAINAGE NOTES

1. ALL UNDERGROUND UTILITIES INCLUDING CONDUIT FOR ELECTRICAL, IRRIGATION AND TELEPHONE CROSSINGS SHALL BE INSTALLED PRIOR TO PAVEMENT CONSTRUCTION.
2. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH PASCO COUNTY STANDARDS AND/OR FDOT STANDARDS AS REQUIRED.
3. PIPE MEASUREMENTS ARE TO CENTER OF STRUCTURES FOR INLETS AND STORM MANHOLES. END SECTIONS ARE NOT PART OF PIPE LENGTHS. ALL PIPE LENGTHS ARE PLUS OR MINUS.
4. DRAINAGE RUNOFF (POST DESIGN) WILL BE COLLECTED AND DIRECTED TO PONDS VIA PIPES, SWALES, AND SURFACE FLOW AS INDICATED.
5. ALL ROADWAY CONSTRUCTION IS TO COMPLY WITH THE MANUAL OF UNIFORM MINIMUM STANDARDS, STATE OF FLORIDA.
6. SILT FENCING WILL BE INSTALLED AT LOCATIONS SHOWN PRIOR TO CONSTRUCTION ACTIVITIES AND IS TO BE MAINTAINED THROUGH THE PROJECT COMPLETION.
7. ALL SOD IS TO BE STAKED AS NECESSARY TO PREVENT DISPLACEMENT.
8. ALL GRATE INLETS WITHIN ASPHALT AREAS AND OVERFLOW PARKING AREAS TO RECEIVE HEAVY DUTY TRAFFIC BEARING GRATES.
9. SEE ARCHITECTURAL PLANS FOR ADDITIONAL SOD/SEED & MULCH REQUIREMENTS.
10. ALL INLETS AND MANHOLES TO HAVE A POURED CONCRETE BOTTOM WITH SHAPED FLOWLINES.
11. ALL NEW OR REINSTALLED STRUCTURES SHALL HAVE A MINIMUM OF 12" OF #57 STONE (CRUSHED CONCRETE IS APPROVED @ #57 SIEVE SIZE) UNDER STRUCTURES FOR STABILIZATION.
12. COMMENCEMENT OF DENSITY VERIFICATION TO BEGIN AT "SPRING LINE" OF ALL UNDERGROUND UTILITIES. DENSITY VERIFICATION TO CONTINUE IN 12" MAXIMUM VERTICAL LIFTS UNTIL FINAL GRADE IS ACHIEVED.
13. ALL ABOVE NOTES APPLY TO ALL PAVING, GRADING AND DRAINAGE PLAN SHEETS.

## NOTES FOR MANHOLE

1. ALL MANHOLES SHALL BE PRECAST CONCRETE, UNLESS OTHERWISE SHOWN OR APPROVED BY THE ENGINEER.
2. ALL PIPE STUBS FROM MANHOLES, FOR FUTURE CONNECTIONS, SHALL BE INSTALLED WITH REMOVABLE WATERTIGHT PLUGS, PLACED FROM WITHIN THE MANHOLE.
3. ALL TYPE I CONE SECTIONS SHALL BE CONCENTRIC WITH RING CASTING CENTERED IN STRUCTURE, UNLESS OTHERWISE SHOWN OR DIRECTED BY THE ENGINEER.
4. THE CONE SECTION OF TYPE I PRECAST MANHOLE SHALL BE PRECAST.
5. NO PIPE SHALL BE IN THE MANHOLE CONE SECTION.
6. ALL MANHOLES WITH SLAB TOP SHALL BE TYPE II, SEE STANDARD DETAIL-MANHOLE SLABS.
7. A DROP MANHOLE SHALL BE REQUIRED WHEN THE INVERT OF ANY INCOMING PIPE IS MORE THAN 24" ABOVE THE INVERT OF THE MANHOLE.
8. PRIOR TO PRECASTING STRUCTURES, THE PRECASTER SHALL SUBMIT SIGNED AND SEALED SHOP DRAWINGS FOR DESIGN OF STRUCTURE WALL(S), CONE SECTION, BASE SLAB AND TOP SLABS FOR APPROVAL.
9. PRECAST MANHOLES SHALL CONSIST OF A MINIMUM NUMBER OF SECTIONS, AS APPROVED BY THE ENGINEER.
10. ALL PRECAST STRUCTURES SHALL HAVE AN INTEGRAL FLOOR AND BASE RISER SECTION, SEE STANDARD DETAIL-STRUCTURE BASE SLABS.
11. FOR PRECAST STRUCTURE JOINT, SEE STANDARD DETAIL-PRECAST STRUCTURE JOINT ASSEMBLY.
12. ALL EXPOSED EDGES TO HAVE A 3/4" CHAMFER.
13. FOR THE APPLICABLE RING AND COVER, SEE STANDARD DETAIL-MANHOLE RING AND COVER CASTING.
14. PRECAST BASE SECTION SHALL BE INSTALLED ON A CONCRETE MAT WITHIN 2 HOURS OF PLACEMENT OF THE MAT.
15. ALL BRICK SHALL BE CLAY BRICK AND SHALL HAVE A MINIMUM 3/4" CEMENT PLASTER ON ALL SURFACES.
16. BENCH SHALL SLOPE @ 1:12 MINIMUM.
17. A COAL TAR EPOXY PROTECTIVE COATING SHALL BE APPLIED TO ALL CONE SECTION, RISER SECTIONS, RISER SLABS, AFTER PROPER SURFACE CLEANING, FOR BRICK AND PRECAST MANHOLES. TWO (2) COATS SHALL BE APPLIED TO THE INSIDE, AND ONE (1) COAT SHALL BE APPLIED TO THE OUTSIDE. EACH COAT SHALL YIELD A FINAL DRY FILM THICKNESS OF 9 MILS.

## STANDARD FIRE PROTECTION NOTES

1. ALL PROJECTS MUST COMPLY WITH PASCO COUNTY FIRE HYDRANT ORDINANCE NO. 64-51.
2. FIRE HYDRANTS SHALL BE INSTALLED AND IN SERVICE PRIOR TO THE ACCUMULATION OF COMBUSTIBLES.
3. 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.
4. PER NFPA-1, 18.3.4.1: CLEARANCE OF 7½ FEET IN FRONT OF AND TO THE SIDES OF THE FIRE HYDRANT WITH A 4-FOOT CLEARANCE TO THE REAR MUST BE MAINTAINED AT ALL TIMES.

PASCO ELEMENTARY SCHOOL W  
NEW ELEMENTARY SCHOOL  
PASCO COUNTY, FLORIDA  
DESIGN DOCUMENTS

Comm. No: 14066.00

Date: 12/23/14

Drawn: ALH

Revised:

TO THE BEST OF MY KNOWLEDGE, THE  
PLANS AND SPECIFICATIONS COMPLY WITH  
THE MINIMUM BUILDING CODES.

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C01

## GENERAL NOTES



George F. Young, Inc.

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ENGINEERING CERTIFICATE OF AUTHORIZATION NUMBER 21  
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FL Lauderdale 954-486-7910  
FL Myers 239-275-7774  
FL Jacksonville 904-936-3300  
FL Orlando 407-697-7727  
FL Punta Gorda 941-575-0403  
FL Tampa 813-286-8206  
Tampa 813-286-4611  
AAC000119  
www.harvardjolly.com  
DESIGN OFFICE LOCATION: 5201 WEST KENNEDY BLVD., STE. 015, TAMPA, FL 33609, PH: 813-286-8206

HARVARD • JOLLY  
ARCHITECTURE

**LEGAL DESCRIPTION**

All that portion of the Southwest ¼ of Section 28, and the Southeast ¼ of Section 29, Township 26 South, Range 20 East, Pasco County, Florida, and being more particularly described as follows:

Commencing at the Southeast corner of the Southwest ¼ of Section 28, Township 26 South, Range 20 East, Pasco County, Florida; thence North 89 degrees 34 minutes 44 seconds West, along the South line of said Southwest ¼ for a distance of 1,172.72 feet to the intersection of the South line of said Southwest ¼ with the Westerly right-of-way line of proposed Mansfield Boulevard; thence along said Westerly right-of-way line the following three (3) courses and distances: 1. thence North 00 degrees 25 minutes 16 seconds East for a distance of 395.38 feet to a Point of Curvature; 2. thence 506.02 feet along the arc of a curve to the left, concave Westerly, having a radius of 1940.00 feet, delta 14 degrees 56 minutes 41 seconds, chord bearing and distance North 07 degrees 03 minutes 04 seconds West, 504.59 feet; 3. thence North 89 degrees 34 minutes 44 seconds West for a distance of 10.35 feet for a Point of Beginning; thence leaving said line, North 89 degrees 34 minutes 44 seconds West for a distance of 1,411.28 feet; thence North 75 degrees 14 minutes 58 seconds West for a distance of 737.43 feet; thence North 43 degrees 32 minutes 32 seconds West for a distance of 171.34 feet to a Point of Curvature; thence 38.17 feet along the arc of a curve to the left, concave Northwesterly, having a radius of 270.00 feet, delta 08 degrees 05 minutes 58 seconds, chord bearing and distance North 36 degrees 03 minutes 53 seconds East, 38.14 feet; thence North 32 degrees 00 minutes 54 seconds East for a distance of 62.44 feet to point of curvature; thence 297.81 feet along the arc of a curve to the right, concave Southeasterly, having a radius of 230.00 feet, delta 74 degrees 11 minutes 16 seconds chord bearing and distance North 69 degrees 06 minutes 32 seconds East, 277.44 feet; thence South 73 degrees 47 minutes 50 seconds East for a distance of 122.06 feet to a Point of Curvature; thence 140.12 feet along the arc of a curve to the left, concave Northerly, having a radius of 170.00 feet, delta 47 degrees 13 minutes 25 seconds, chord bearing and distance North 82 degrees 35 minutes 28 seconds East, 136.18 feet; thence North 58 degrees 58 minutes 45 seconds East for a distance of 42.08 feet to a Point of Curvature; thence 39.27 feet along the arc of a curve to the left, having a radius of 25.00 feet, delta 89 degrees 59 minutes 59 seconds, chord bearing and distance North 13 degrees 52 minutes 45 seconds East, 35.36 feet; thence North 58 degrees 58 minutes 45 seconds East for a distance of 243.60 feet; thence South 45 degrees 10 minutes 53 seconds East for a distance of 559.76 feet; thence North 33 degrees 18 minutes 46 seconds East for a distance of 521.78 feet; thence North 54 degrees 32 minutes 51 seconds East for a distance of 288.28 feet to a point on the Westerly right-of-way of said proposed Mansfield Boulevard; thence 1,024.82 feet along said proposed right-of-way line, along the arc of a curve to the right, concave Southwesterly, having a radius of 1930.00 feet, delta 30 degrees 26 minutes 26 seconds, chord bearing and distance South 29 degrees 48 minutes 53 seconds East, 1,012.83 feet to the Point of Beginning.

Pasco County, Florida

**NOTES**

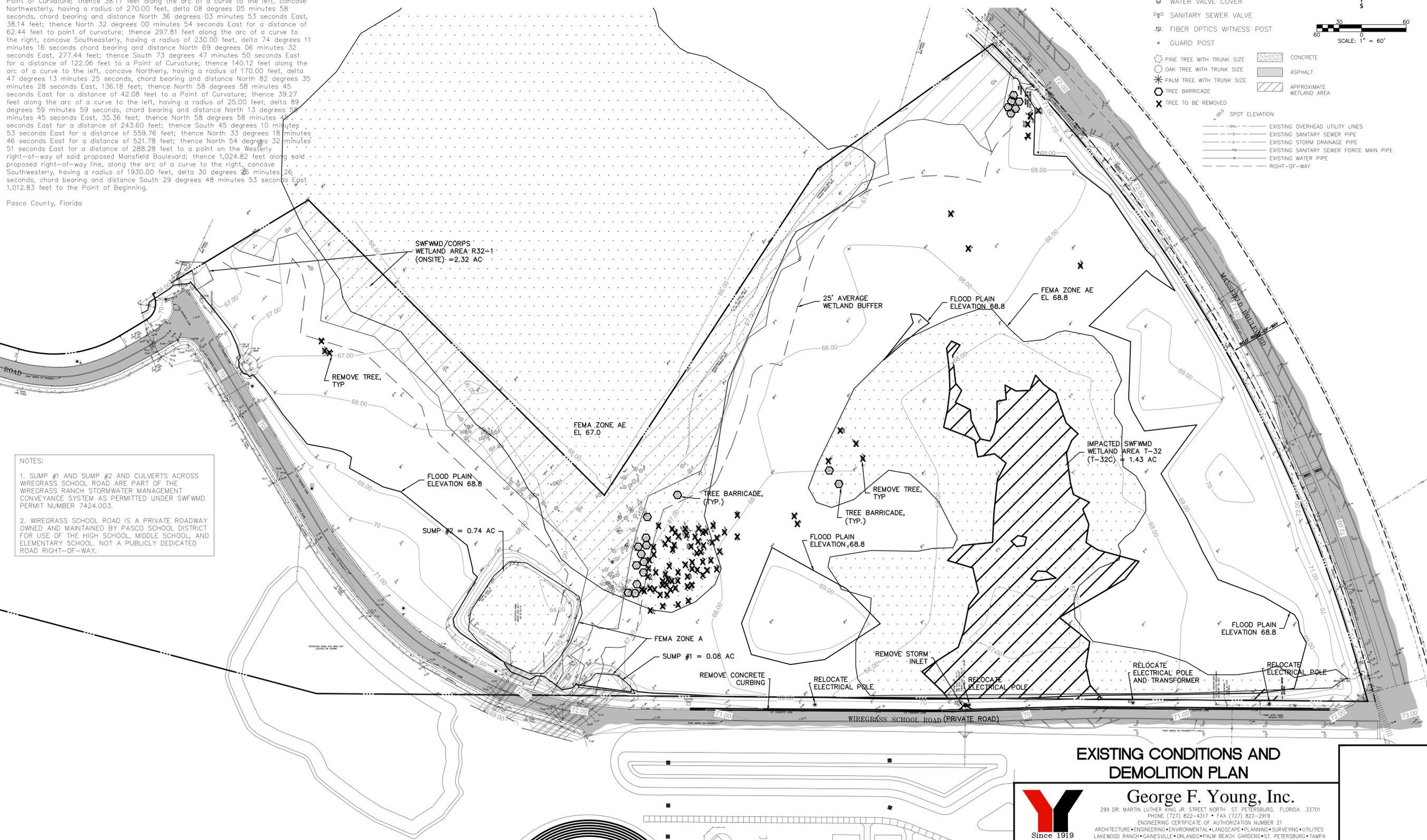
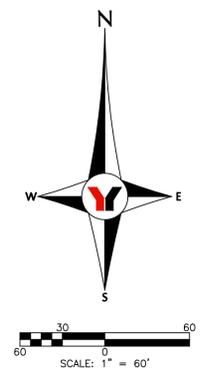
- Survey provided by George F. Young, Inc. dated February 26, 2104.
- Based on FEMA Preliminary Flood Zones as approved by SWFWMD, to be adopted by FEMA in September 2014, the property shown hereon appears to be affected by the following zones: A, AE 66.6, AE 67, AE 68.4 and AE 68.8 (NAVD 88).
- Wetland area limits shown hereon were taken from aerial interpretation of said wetland area limits provided by King Engineering. Said limits are approximate locations only and were not field located on the date of this survey.
- Elevations shown hereon refer to the North American Vertical Datum of 1988 (NAVD 88).
- Benchmark used was "Y 762" located near the intersection of Mansfield Boulevard and County Line Road, having a published, adjusted elevation of 68.27 feet (NAVD 88). Information obtained from the NGS Data Sheet, PID D05517. The datum conversion from NGVD 1929 to NAVD 1988 is NGVD 1929-0.80 feet.
- Future Land Use classification - PD  
Zoning District - MPUD  
The property was rezoned on 07-12-2011 with a rezoning reference number of PZ6976.

**LEGEND**

Δ (CALC)	DELTA/CENTRAL ANGLE	⊕	STORM MANHOLE
(D)	CALCULATED DESCRIPTION	⊙	SIGN
ELEV	ELEVATION	○	OAK TREE WITH TRUNK SIZE
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	☆	PINE TREE WITH TRUNK SIZE
FIR	FOUND IRON ROD IDENTIFICATION	●	CLEANOUT
INV	INVERT	★	CONCRETE LIGHT POLE
LB	LICENSED BUSINESS LICENSED SURVEYOR	⊕	FIRE HYDRANT
LS	MEASURED	⊖	TELEPHONE PEDESTAL
(M)	NORTH AMERICAN VERTICAL DATUM OF 1988	⊠	TRANSFORMER ON CONCRETE
NAVD 88	PROPERTY LINE	⊞	RECLAIMED WATER VALVE COVER
P	PROFESSIONAL LAND SURVEYOR	⊙	SANITARY VALVE COVER
PLS	POINT OF CURVATURE	⊙	WATER VALVE COVER
POC	PROFESSIONAL SURVEYOR AND MAPPER	⊙	SANITARY SEWER VALVE
PSM	POLYVINYL CHLORIDE REINFORCED CONCRETE PIPE	⊙	FIBER OPTIC WITNESS POST
PVC	SET IRON ROD	⊙	GUARD POST
RCP	SET NAIL AND DISK	☆	PINE TREE WITH TRUNK SIZE
SIR	SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT	○	OAK TREE WITH TRUNK SIZE
SN&D	TEMPORARY BENCH MARK	★	PALM TREE WITH TRUNK SIZE
SWFWMD	UNDERDRAIN	⊗	TREE BARRICADE
TBM	WITH NUMBER	×	TREE TO BE REMOVED
U.D.			
W/#			

SPOT ELEVATION	CONCRETE
EXISTING OVERHEAD UTILITY LINES	ASPHALT
EXISTING SANITARY SEWER PIPE	APPROXIMATE WETLAND AREA
EXISTING STORM DRAINAGE PIPE	
EXISTING SANITARY SEWER FORCE MAIN PIPE	
EXISTING WATER PIPE	
RIGHT-OF-WAY	



**NOTES:**

- SUMP #1 AND SUMP #2 AND CULVERTS ACROSS WIREGRASS SCHOOL ROAD ARE PART OF THE WIREGRASS RANCH STORMWATER MANAGEMENT CONVEYANCE SYSTEM AS PERMITTED UNDER SWFWMD PERMIT NUMBER 7424.003.
- WIREGRASS SCHOOL ROAD IS A PRIVATE ROADWAY OWNED AND MAINTAINED BY PASCO SCHOOL DISTRICT FOR USE OF THE HIGH SCHOOL, MIDDLE SCHOOL, AND ELEMENTARY SCHOOL. NOT A PUBLICLY DEDICATED ROAD RIGHT-OF-WAY.

**EXISTING CONDITIONS AND DEMOLITION PLAN**

**George F. Young, Inc.**  
 299 DR. MARTIN LUTHER KING JR. STREET NORTH ST. PETERSBURG, FLORIDA 33701  
 PHONE (727) 822-4317 • FAX (727) 822-2919  
 ENGINEERING CERTIFICATE OF AUTHORIZATION NUMBER 21  
 ARCHITECTURE • ENGINEERING • ENVIRONMENTAL • LANDSCAPE • PLANNING • SURVEYING • UTILITIES  
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 www.harvardjolly.com  
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**PASCO ELEMENTARY SCHOOL W  
 NEW ELEMENTARY SCHOOL  
 PASCO COUNTY, FLORIDA  
 DESIGN DOCUMENTS**

Comm. No: 14066.00  
 Date: 12/23/14  
 Drawn: ALH  
 Revised:

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

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C02

**LEGEND**

-  PROPOSED BUILDING
-  PROPOSED STANDARD DUTY ASPHALT
-  PROPOSED HEAVY DUTY ASPHALT
-  SIDEWALK PER ARCH PLAN
-  PROPERTY LINE

**PARKING NOTES**

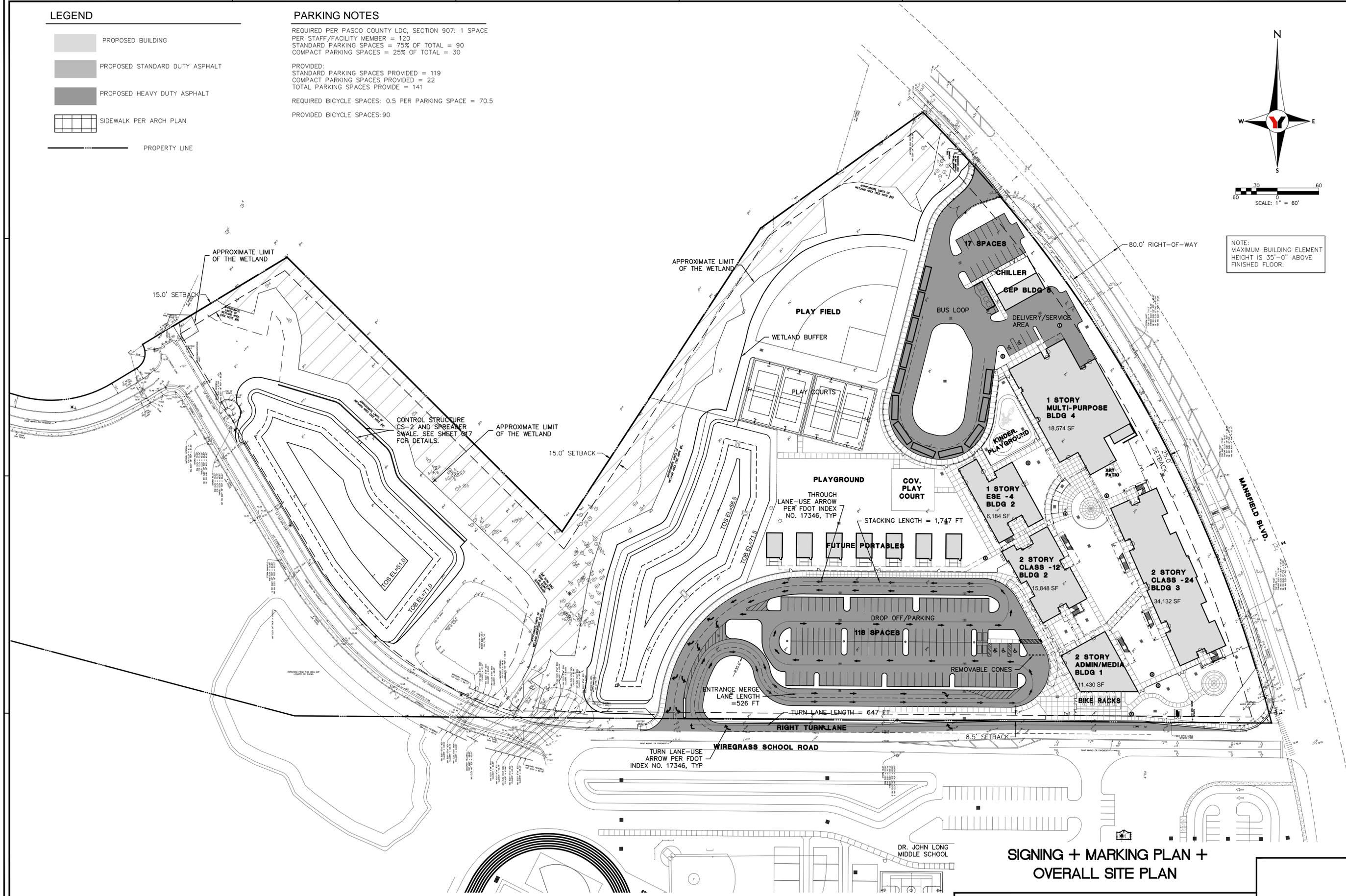
REQUIRED PER PASCO COUNTY LDC, SECTION 907: 1 SPACE PER STAFF/FACILITY MEMBER = 120  
 STANDARD PARKING SPACES = 75% OF TOTAL = 90  
 COMPACT PARKING SPACES = 25% OF TOTAL = 30

PROVIDED:  
 STANDARD PARKING SPACES PROVIDED = 119  
 COMPACT PARKING SPACES PROVIDED = 22  
 TOTAL PARKING SPACES PROVIDED = 141

REQUIRED BICYCLE SPACES: 0.5 PER PARKING SPACE = 70.5  
 PROVIDED BICYCLE SPACES: 90



NOTE: MAXIMUM BUILDING ELEMENT HEIGHT IS 35'-0" ABOVE FINISHED FLOOR.



**SIGNING + MARKING PLAN +  
OVERALL SITE PLAN**



**George F. Young, Inc.**  
 299 DR. MARTIN LUTHER KING JR. STREET NORTH ST. PETERSBURG, FLORIDA 33701  
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**PASCO ELEMENTARY SCHOOL W  
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 PASCO COUNTY, FLORIDA  
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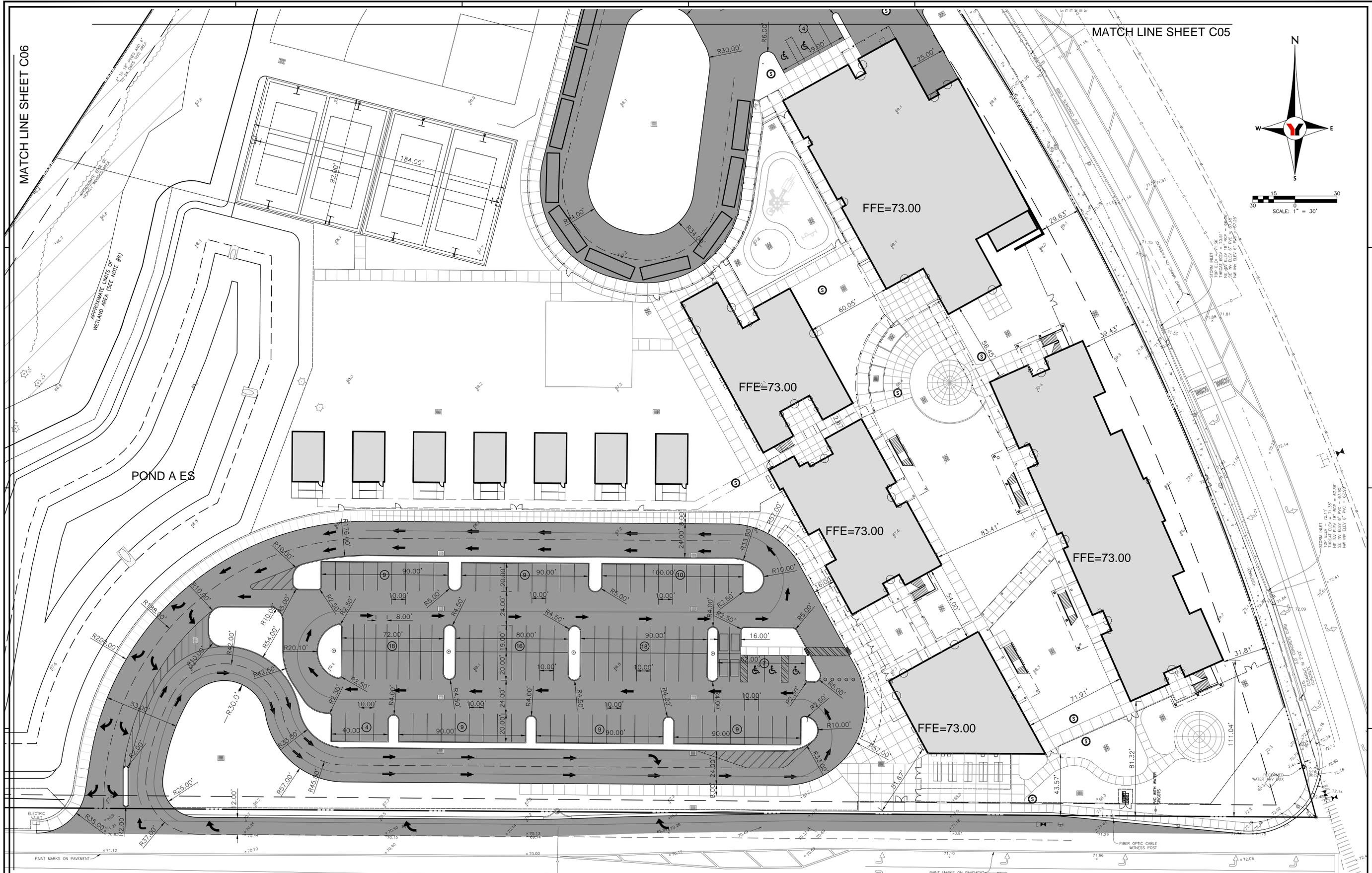
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C03

MATCH LINE SHEET C06

MATCH LINE SHEET C05



POND A ES

FFE=73.00

FFE=73.00

FFE=73.00

FFE=73.00

FFE=73.00

SITE PLAN



George F. Young, Inc.

299 DR. MARTIN LUTHER KING JR. STREET NORTH ST. PETERSBURG, FLORIDA 33701  
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**PASCO ELEMENTARY SCHOOL W**  
**NEW ELEMENTARY SCHOOL**  
**PASCO COUNTY, FLORIDA**  
**DESIGN DOCUMENTS**

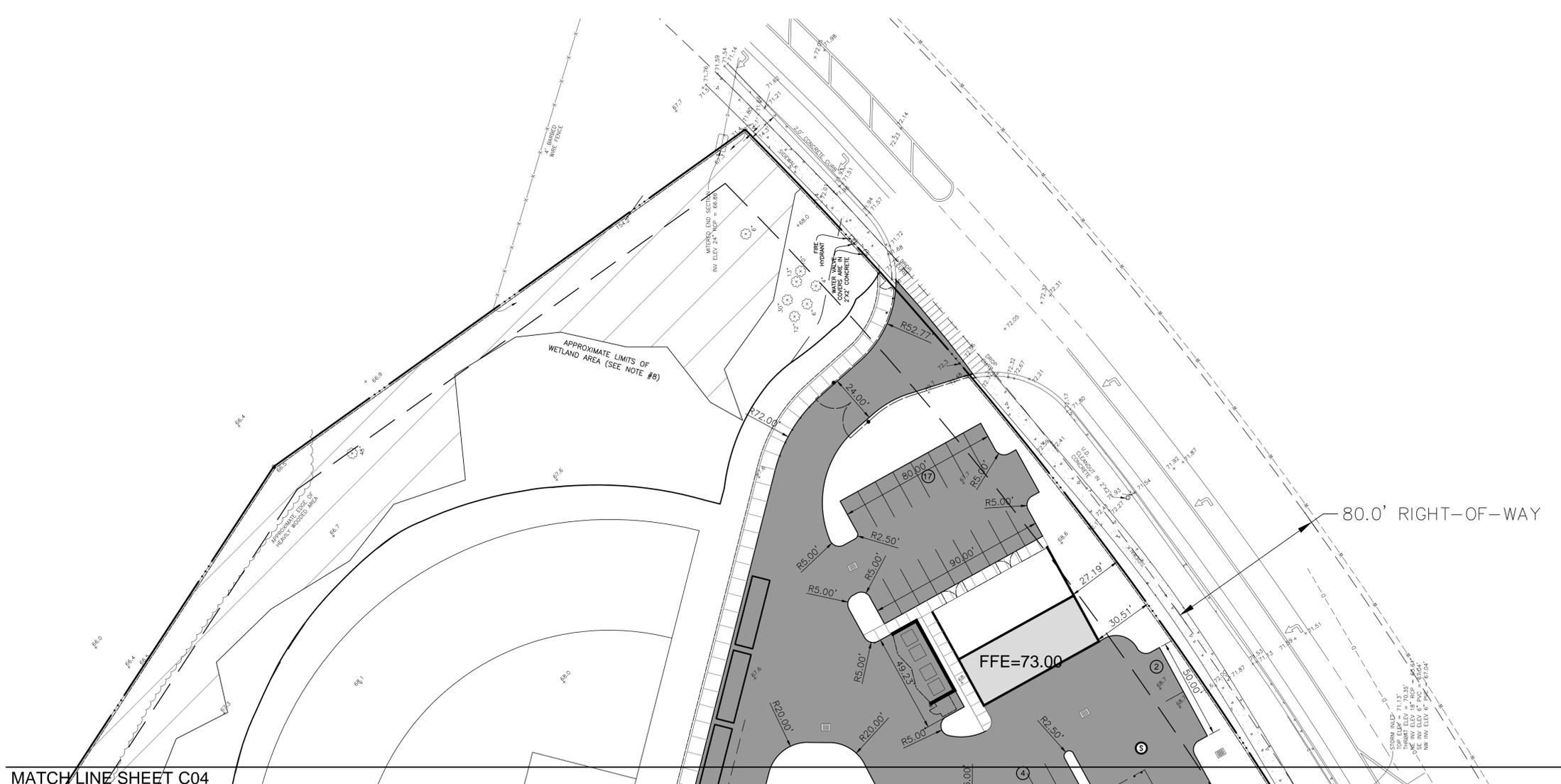
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C04



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 PASCO COUNTY, FLORIDA  
 DESIGN DOCUMENTS

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**C05**

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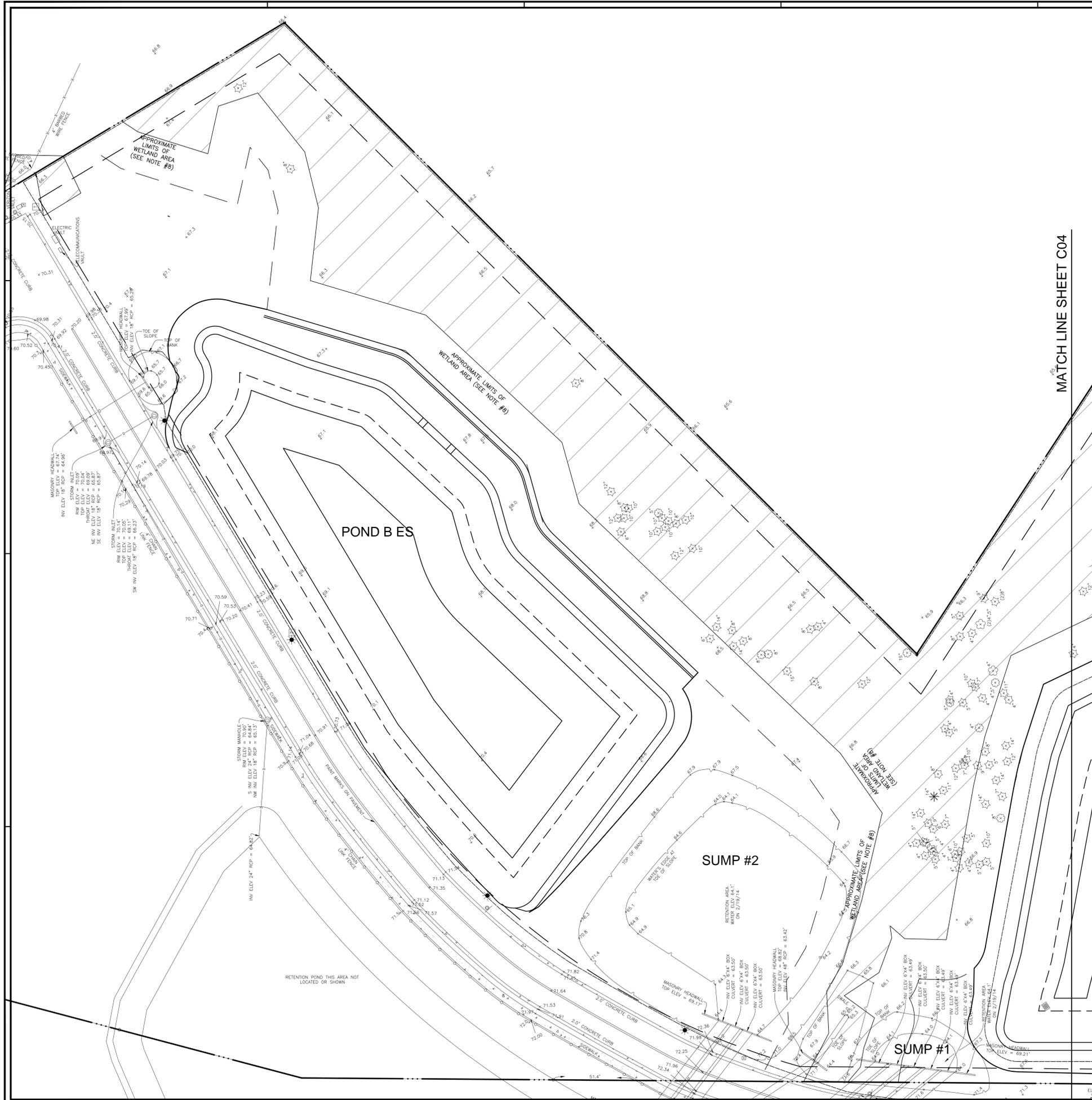
**SITE PLAN**



**George F. Young, Inc.**

299 DR. MARTIN LUTHER KING JR. STREET NORTH ST. PETERSBURG, FLORIDA 33701  
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 LOD: Robert\_Alexander



MATCH LINE SHEET C04

**TREE DATA CHART**

Eastings	Northing	Full Description	Tree Type	Tree Width	Inches to be Removed
15862.0149'	20942.7459'	TROA 10	Oak	10	
15858.9988'	20920.3188'	TROA 12	Oak	12	
15895.1140'	20923.0169'	TROA 12 TRI	Oak	36	36
15881.1935'	20905.7441'	TROA 12 TWIN	Oak	24	24
15859.9436'	20937.5518'	TROA 13	Oak	13	
15306.9602'	20410.3881'	TROA 15	Oak	15	
15855.4078'	20928.4950'	TROA 30	Oak	30	
15638.6117'	20852.4581'	TROA 48	Oak	48	
15882.2073'	20890.2111'	TRPA 10	Palm	10	10
15323.9177'	20320.5151'	TRPA 14	Palm	14	
15347.5181'	20391.2936'	TRP1 10	Pine	10	
15344.2478'	20343.4602'	TRP1 10	Pine	10	
15340.5406'	20286.2699'	TRP1 10	Pine	10	
15356.7216'	20291.3265'	TRP1 10	Pine	10	
15391.8263'	20289.2018'	TRP1 10	Pine	10	10
15464.2147'	20352.6704'	TRP1 10	Pine	10	10
15445.6409'	20342.1179'	TRP1 10	Pine	10	10
15438.8871'	20347.9326'	TRP1 10	Pine	10	10
15474.3861'	20360.3796'	TRP1 10	Pine	10	10
15412.9731'	20355.4611'	TRP1 10	Pine	10	10
15399.5988'	20350.2730'	TRP1 10	Pine	10	10
15131.9935'	20500.7063'	TRP1 10	Pine	10	
15129.1401'	20494.6244'	TRP1 10	Pine	10	
15152.9582'	20494.6480'	TRP1 10	Pine	10	
15157.1185'	20492.7798'	TRP1 10	Pine	10	
15150.1004'	20486.2823'	TRP1 10	Pine	10	
15155.0897'	20488.9839'	TRP1 10	Pine	10	
15167.9014'	20493.4211'	TRP1 10	Pine	10	
15172.2497'	20475.6156'	TRP1 10	Pine	10	
15572.2082'	20371.7259'	TRP1 10	Pine	10	10
15628.0302'	20424.9659'	TRP1 10	Pine	10	10
15367.6758'	20385.1687'	TRP1 11	Pine	11	
15329.7229'	20324.3915'	TRP1 11	Pine	11	
15407.3294'	20343.6154'	TRP1 11	Pine	11	11
15337.5681'	20338.2926'	TRP1 12	Pine	12	
15369.8659'	20342.4755'	TRP1 12	Pine	12	
15468.3269'	20335.2977'	TRP1 12	Pine	12	12
15491.2768'	20352.3441'	TRP1 12	Pine	12	12
15439.6583'	20365.3168'	TRP1 12	Pine	12	12
15434.8136'	20354.2137'	TRP1 12	Pine	12	12
15394.2391'	20344.3570'	TRP1 12	Pine	12	12
15417.6379'	20448.7733'	TRP1 12	Pine	12	
14829.5062'	20840.6377'	TRP1 12	Pine	12	
14886.9113'	20763.4242'	TRP1 12	Pine	12	
15121.0764'	20511.1304'	TRP1 12	Pine	12	
15125.3270'	20494.5949'	TRP1 12	Pine	12	
15161.2366'	20471.1117'	TRP1 12	Pine	12	
15278.6329'	20390.8354'	TRP1 12	Pine	12	12
15614.1002'	20455.8453'	TRP1 12	Pine	12	12
15777.6274'	20785.6288'	TRP1 12	Pine	12	12
15423.1124'	20358.3270'	TRP1 13	Pine	13	13
15651.0497'	20478.8901'	TRP1 13	Pine	13	13
15369.0540'	20352.3192'	TRP1 14	Pine	14	
15362.9281'	20330.6547'	TRP1 14	Pine	14	
15315.4261'	20310.2532'	TRP1 14	Pine	14	
15356.3257'	20315.8029'	TRP1 14	Pine	14	
15422.7556'	20366.1410'	TRP1 14	Pine	14	14
14851.0073'	20878.1420'	TRP1 14	Pine	14	
15187.3890'	20426.5728'	TRP1 14	Pine	14	
15197.9688'	20414.6393'	TRP1 14	Pine	14	
15567.6516'	20381.9216'	TRP1 14	Pine	14	14
15427.6101'	20442.2629'	TRP1 15	Pine	15	
15231.5254'	20398.9541'	TRP1 15	Pine	15	
15449.2620'	20361.2990'	TRP1 17	Pine	17	17
15491.6588'	20383.2854'	TRP1 18	Pine	18	18
TOTAL INCHES EXISTING:				864	
TOTAL INCHES REMOVED:					344



NOTE: THE DISTRICT IS ASSERTING EXEMPTIONS FROM LOCAL LANDSCAPE CODES, AS ALLOWED IN STATE LAW AND THE SREF. THERE IS NO NEED TO ACCOUNT FOR OR REPLACE TREES AND THERE IS NO NEED FOR A VARIANCE.

**SITE PLAN**



**George F. Young, Inc.**  
 299 DR. MARTIN LUTHER KING JR. STREET NORTH ST. PETERSBURG, FLORIDA 33701  
 PHONE (727) 822-4317 • FAX (727) 822-2919  
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**HARVARD • JOLLY**  
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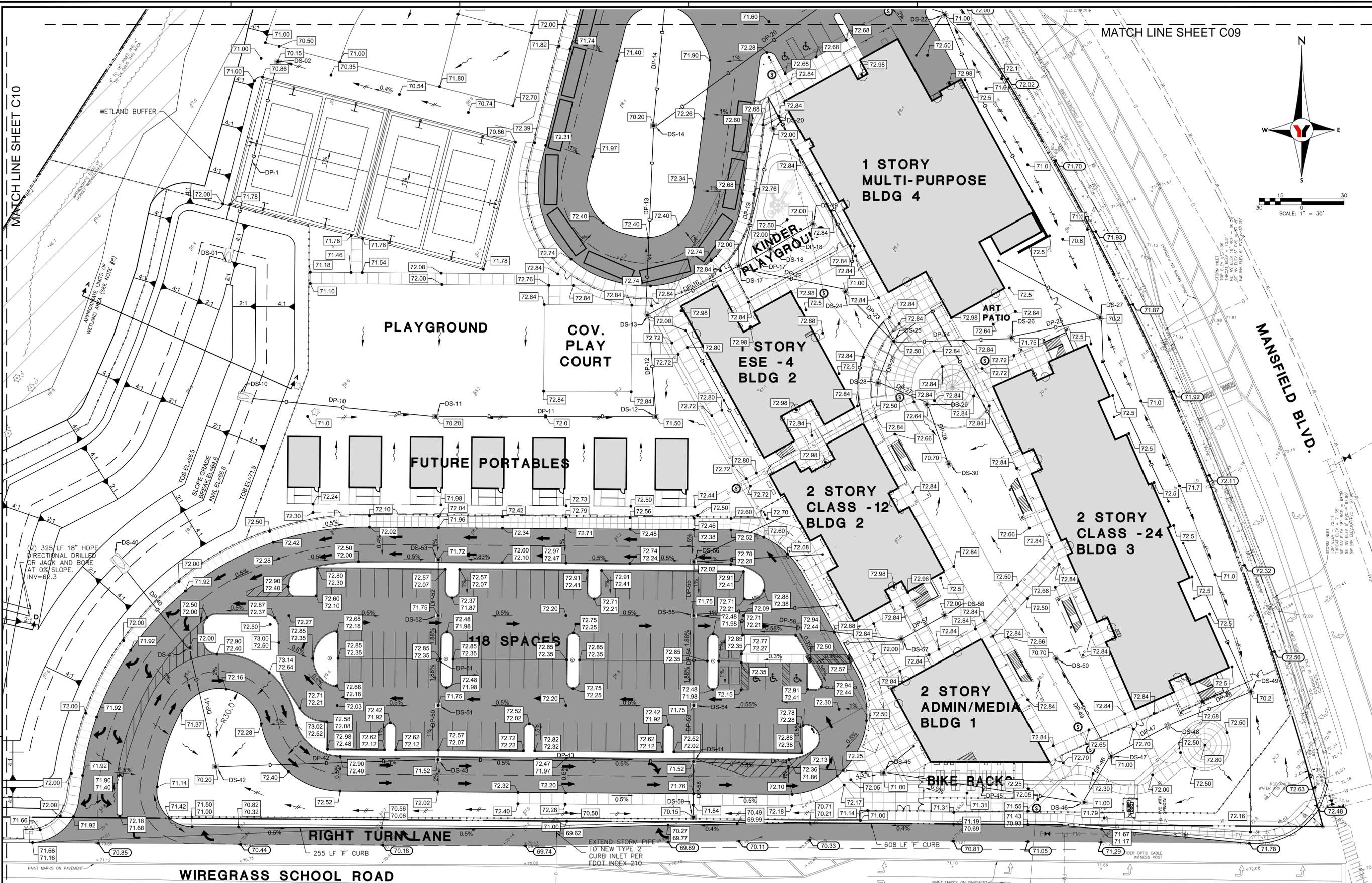
**PASCO ELEMENTARY SCHOOL W**  
**NEW ELEMENTARY SCHOOL**  
**PASCO COUNTY, FLORIDA**  
**DESIGN DOCUMENTS**

Comm. No: 14066.00  
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**C06**



MATCH LINE SHEET C09

MATCH LINE SHEET C10



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**PASCO ELEMENTARY SCHOOL W  
NEW ELEMENTARY SCHOOL**  
PASCO COUNTY, FLORIDA  
DESIGN DOCUMENTS

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THE MINIMUM BUILDING CODES.

LEGEND		NOTES	
	PROPOSED BUILDING		PROPERTY LINE
	PROPOSED STANDARD DUTY ASPHALT		PROPOSED SILT FENCE
	PROPOSED HEAVY DUTY ASPHALT		SHEET FLOW
	SIDEWALK PER ARCH PLAN		SWALE FLOW

1. WETLAND BUFFER IS TO AVERAGE 25' AROUND THE EXISTING WETLAND.  
IMPACTED WETLAND BUFFER AREA WITHIN 25' ZONE = 3,291.35 SF  
WETLAND BUFFER AREA PROVIDED OUTSIDE 25' ZONE = 5,977.73 SF

**PAVING, GRADING AND DRAINAGE PLAN**

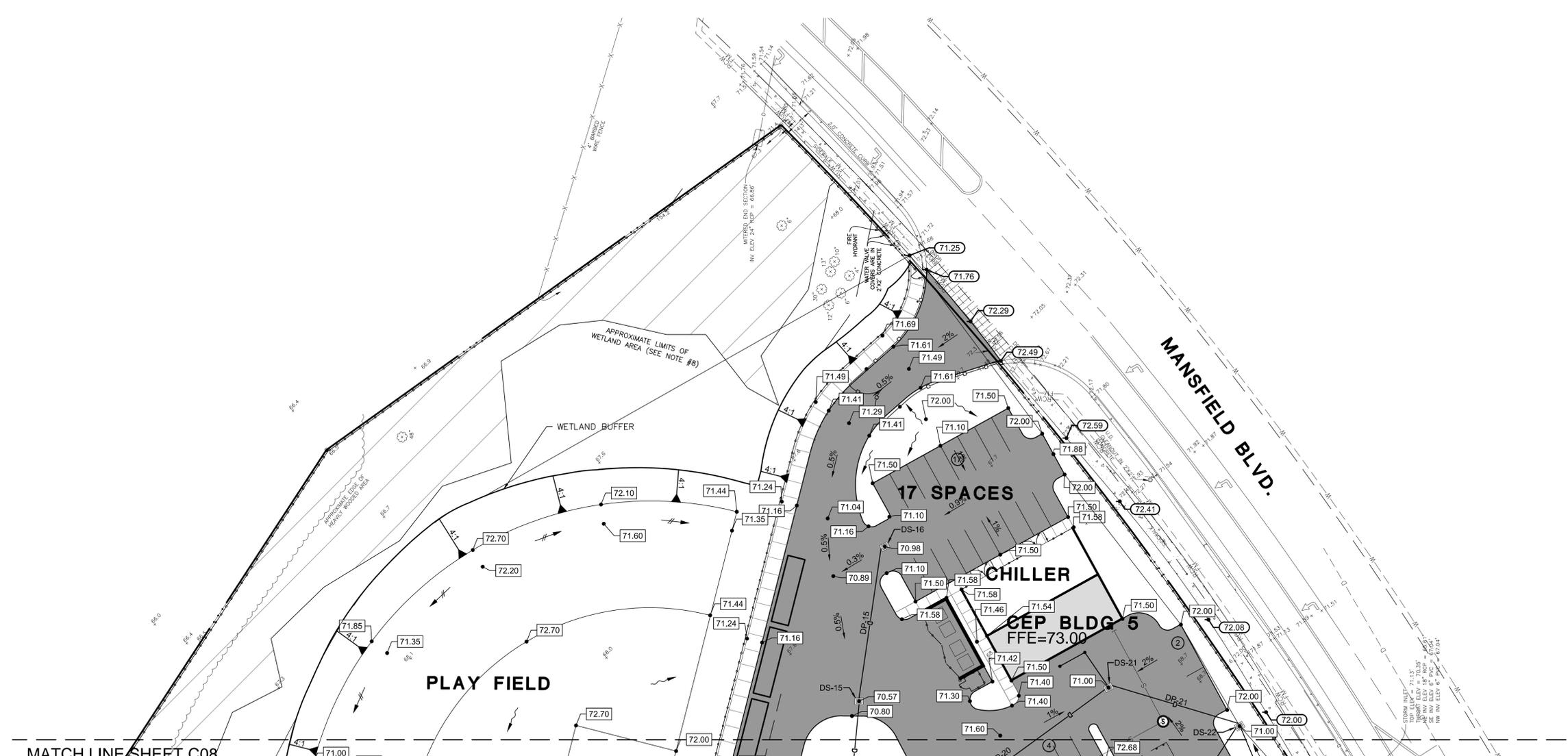
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C08

**LEGEND**

-  PROPOSED BUILDING
-  PROPOSED STANDARD DUTY ASPHALT
-  PROPOSED HEAVY DUTY ASPHALT
-  SIDEWALK PER ARCH PLAN
-  PROPERTY LINE
-  PROPOSED SILT FENCE
-  SHEET FLOW
-  SWALE FLOW



**PAVING, GRADING AND DRAINAGE PLAN**

**George F. Young, Inc.**  
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**PASCO ELEMENTARY SCHOOL W**  
**NEW ELEMENTARY SCHOOL**  
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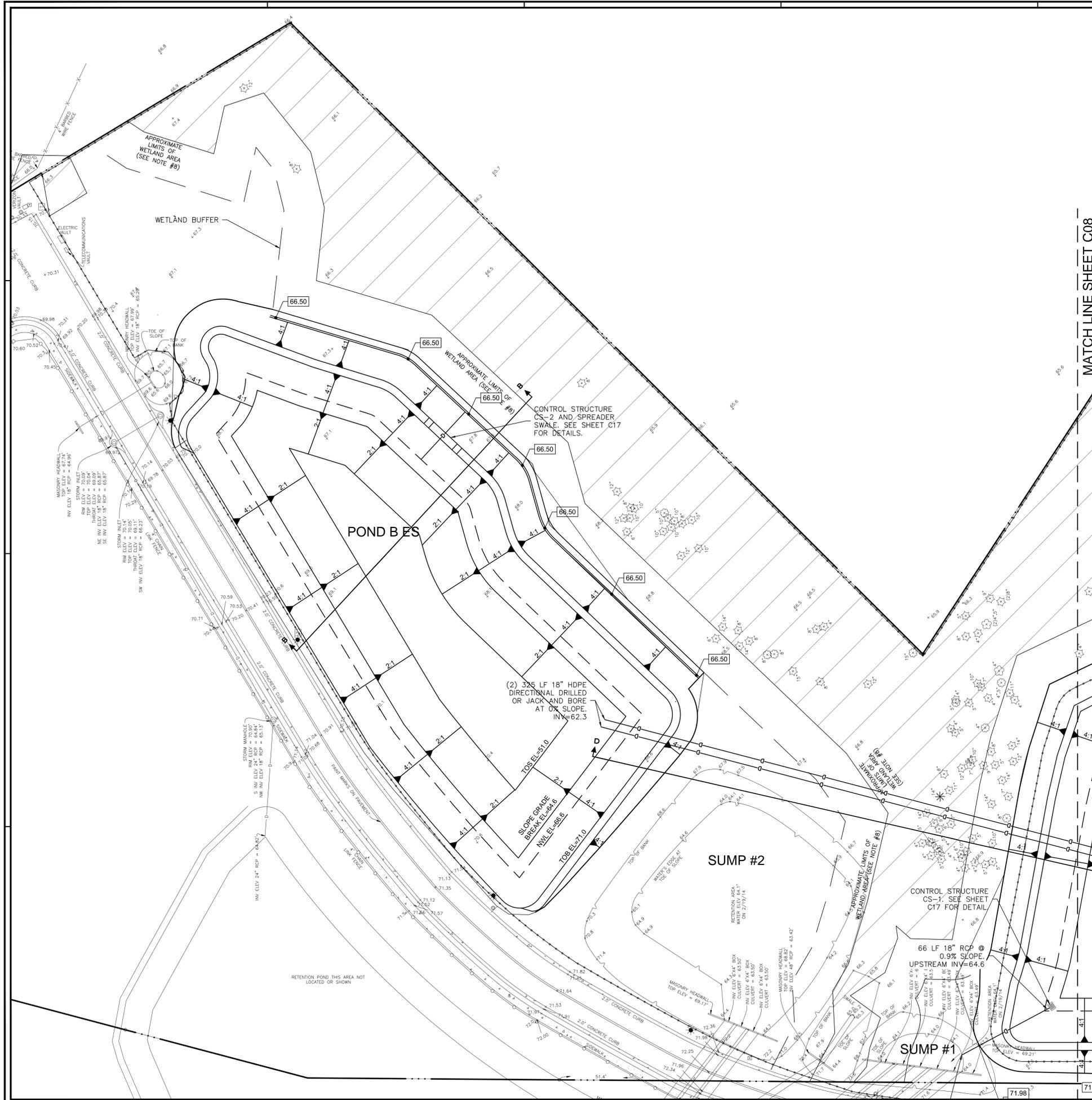
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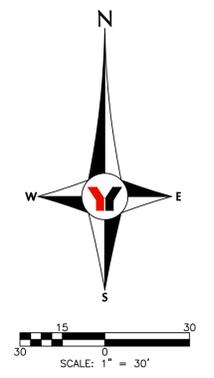
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**C09**

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MATCHLINE SHEET C08



**LEGEND**

- PROPOSED BUILDING
- PROPOSED STANDARD DUTY ASPHALT
- PROPOSED HEAVY DUTY ASPHALT
- SIDEWALK PER ARCH PLAN
- PROPERTY LINE
- PROPOSED SILT FENCE
- SHEET FLOW
- SWALE FLOW

**Cut/Fill Report**

Generated: 2015-01-05 17:02:19  
 By user: ahebert  
 Drawing: I:\project\eng\14016600\CD\DWG\CDS\1\project\eng\14016600\CD\DWG\CDS\14016600\SC-PGD.dwg

Volume Summary							
Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Volume Surface	full	1.000	1.000	577363.38	31167.40	64781.03	33613.63<Fill>
Totals							
Total				577363.38	31167.40	64781.03	33613.63<Fill>

\* Value adjusted by cut or fill factor other than 1.0

**PAVING, GRADING AND DRAINAGE PLAN**



**George F. Young, Inc.**  
 299 DR. MARTIN LUTHER KING JR. STREET NORTH ST. PETERSBURG, FLORIDA 33701  
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**PASCO ELEMENTARY SCHOOL W**  
**NEW ELEMENTARY SCHOOL**  
**PASCO COUNTY, FLORIDA**  
**DESIGN DOCUMENTS**

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**C10**

STORM STRUCTURE TABLE			
STRUCTURE NAME & TYPE:	TOP OF STRUCTURE ELEV: OR INVERT ELEV FOR MES/FES:	PIPES IN:	PIPES OUT
DS-01 MES	ELEV = 64.35	24" RCP INV IN =64.35 N	
DS-02 TYPE C INLET	ELEV = 70.16		24" RCP INV OUT =64.64 S

STORM STRUCTURE TABLE			
STRUCTURE NAME & TYPE:	TOP OF STRUCTURE ELEV: OR INVERT ELEV FOR MES/FES:	PIPES IN:	PIPES OUT
DS-10 MES	ELEV = 66.60	30" RCP INV IN =63.81 E	
DS-11 TYPE C INLET	ELEV = 70.20	30" RCP INV IN =64.09 E	30" RCP INV OUT =64.09 W
DS-12 TYPE C INLET	ELEV = 71.50	24" RCP INV IN =64.40 N	30" RCP INV OUT =64.40 W
DS-13 TYPE C INLET	ELEV = 72.00	24" RCP INV IN =64.54 N 18" RCP INV IN =64.54 NE	24" RCP INV OUT =64.54 S
DS-14 TYPE C INLET	ELEV = 70.20	18" RCP INV IN =64.81 N 18" RCP INV IN =64.81 NE	24" RCP INV OUT =64.81 S
DS-15 TYPE C INLET	ELEV = 70.57	15" RCP INV IN =64.99 N	18" RCP INV OUT =64.99 S
DS-16 TYPE C INLET	ELEV = 70.98		15" RCP INV OUT =65.15 S
DS-17 TYPE C INLET	ELEV = 72.00	15" RCP INV IN =64.68 NE 15" RCP INV IN =64.68 N 18" RCP INV IN =64.68 E	18" RCP INV OUT =64.68 SW
DS-18 TYPE C INLET	ELEV = 72.00	15" RCP INV IN =64.73 NE	15" RCP INV OUT =64.73 SW
DS-19 TYPE C INLET	ELEV = 72.00		15" RCP INV OUT =64.80 SW
DS-20 TYPE C INLET	ELEV = 72.00		15" RCP INV OUT =64.88 S
DS-21 TYPE C INLET	ELEV = 71.00	15" RCP INV IN =65.15 E	18" RCP INV OUT =65.15 SW
DS-22 TYPE C INLET	ELEV = 71.00		15" RCP INV OUT =65.29 W
DS-24 TYPE C INLET	ELEV = 71.00	18" RCP INV IN =64.84 SE	18" RCP INV OUT =64.84 W
DS-25 TYPE C INLET	ELEV = 72.50	18" RCP INV IN =64.94 E 15" RCP INV IN =64.94 S	18" RCP INV OUT =64.94 NW
DS-26 TYPE C INLET	ELEV = 71.75	18" RCP INV IN =65.11 E	18" RCP INV OUT =65.11 W
DS-27 TYPE C INLET	ELEV = 70.20		18" RCP INV OUT =65.24 W
DS-28 TYPE C INLET	ELEV = 72.50	15" RCP INV IN =65.00 SE	15" RCP INV OUT =65.00 N
DS-29 TYPE C INLET	ELEV = 72.64	15" RCP INV IN =65.07 S	15" RCP INV OUT =65.07 NW
DS-30 TYPE C INLET	ELEV = 70.70		15" RCP INV OUT =65.16 N

STORM STRUCTURE TABLE			
STRUCTURE NAME & TYPE:	TOP OF STRUCTURE ELEV: OR INVERT ELEV FOR MES/FES:	PIPES IN:	PIPES OUT
DS-40 MES	ELEV = 66.60	36" RCP INV IN =63.27 SE	
DS-41 TYPE C INLET	ELEV = 72.00	36" RCP INV IN =63.44 S	36" RCP INV OUT =63.44 NW
DS-42 TYPE C INLET	ELEV = 70.20	36" RCP INV IN =63.61 E	36" RCP INV OUT =63.61 N
DS-43 TYPE C INLET	ELEV = 71.52	30" RCP INV IN =63.92 E 24" RCP INV IN =63.92 N	36" RCP INV OUT =63.92 W
DS-44 TYPE C INLET	ELEV = 71.52	30" RCP INV IN =64.28 E 24" RCP INV IN =64.28 N 15" RCP INV IN =64.28 S	30" RCP INV OUT =64.28 W
DS-45 TYPE C INLET	ELEV = 71.00	24" RCP INV IN =64.55 E	30" RCP INV OUT =64.55 W
DS-46 TYPE C INLET	ELEV = 71.00	18" RCP INV IN =64.84 NE	24" RCP INV OUT =64.84 W
DS-47 TYPE C INLET	ELEV = 71.00	15" RCP INV IN =64.91 NE 15" RCP INV IN =64.91 NW	18" RCP INV OUT =64.91 SW
DS-48 TYPE C INLET	ELEV = 72.71	15" RCP INV IN =65.00 E	15" RCP INV OUT =65.00 SW
DS-49 TYPE C INLET	ELEV = 70.20		15" RCP INV OUT =65.13 W
DS-50 TYPE C INLET	ELEV = 70.71		15" RCP INV OUT =65.07 SE
DS-51 TYPE C INLET	ELEV = 71.75	18" RCP INV IN =64.00 N	24" RCP INV OUT =64.00 S
DS-52 TYPE C INLET	ELEV = 71.75	15" RCP INV IN =64.13 N	18" RCP INV OUT =64.13 S
DS-53 TYPE C INLET	ELEV = 71.72		15" RCP INV OUT =64.21 S
DS-54 TYPE C INLET	ELEV = 71.75	18" RCP INV IN =64.36 N	24" RCP INV OUT =64.36 S
DS-55 TYPE C INLET	ELEV = 71.75	15" RCP INV IN =64.49 N 18" RCP INV IN =64.49 E	18" RCP INV OUT =64.49 S
DS-56 TYPE C INLET	ELEV = 72.02		15" RCP INV OUT =64.57 S
DS-57 TYPE C INLET	ELEV = 72.00	15" RCP INV IN =64.78 NE	18" RCP INV OUT =64.78 W
DS-58 TYPE C INLET	ELEV = 72.00		15" RCP INV OUT =64.85 SW
DS-59 TYPE C INLET	ELEV = 70.15		15" RCP INV OUT =64.36 N

Pipe Table			
NAME	SIZE	LENGTH	SLOPE
DP-1	24" RCP	145'	0.20%

Pipe Table			
NAME	SIZE	LENGTH	SLOPE
DP-10	30" RCP	140'	0.20%
DP-11	30" RCP	155'	0.20%
DP-12	24" RCP	71'	0.20%
DP-13	24" RCP	133'	0.20%
DP-14	18" RCP	91'	0.20%
DP-15	15" RCP	81'	0.20%
DP-16	18" RCP	72'	0.20%
DP-17	15" RCP	25'	0.20%
DP-18	15" RCP	35'	0.20%
DP-19	15" RCP	99'	0.20%
DP-20	18" RCP	169'	0.20%
DP-21	15" RCP	71'	0.20%
DP-22	18" RCP	49'	0.20%
DP-23	18" RCP	83'	0.20%
DP-24	18" RCP	83'	0.20%
DP-25	18" RCP	64'	0.20%
DP-26	15" RCP	31'	0.20%
DP-27	15" RCP	37'	0.20%
DP-28	15" RCP	44'	0.20%

Pipe Table			
NAME	SIZE	LENGTH	SLOPE
DP-40	36" RCP	84'	0.20%
DP-41	36" RCP	85'	0.20%
DP-42	36" RCP	157'	0.20%
DP-43	30" RCP	180'	0.20%
DP-44	30" RCP	134'	0.20%
DP-45	24" RCP	143'	0.20%
DP-46	18" RCP	37'	0.20%
DP-47	15" RCP	45'	0.20%
DP-48	15" RCP	63'	0.20%
DP-49	15" RCP	79'	0.20%
DP-50	24" RCP	38'	0.20%
DP-51	18" RCP	63'	0.20%
DP-52	15" RCP	39'	0.20%
DP-53	24" RCP	39'	0.20%
DP-54	18" RCP	63'	0.20%
DP-55	15" RCP	38'	0.20%
DP-56	18" RCP	147'	0.20%
DP-57	15" RCP	35'	0.20%
DP-58	15" RCP	39'	0.20%

**PASCO ELEMENTARY SCHOOL W  
NEW ELEMENTARY SCHOOL  
PASCO COUNTY, FLORIDA  
DESIGN DOCUMENTS**

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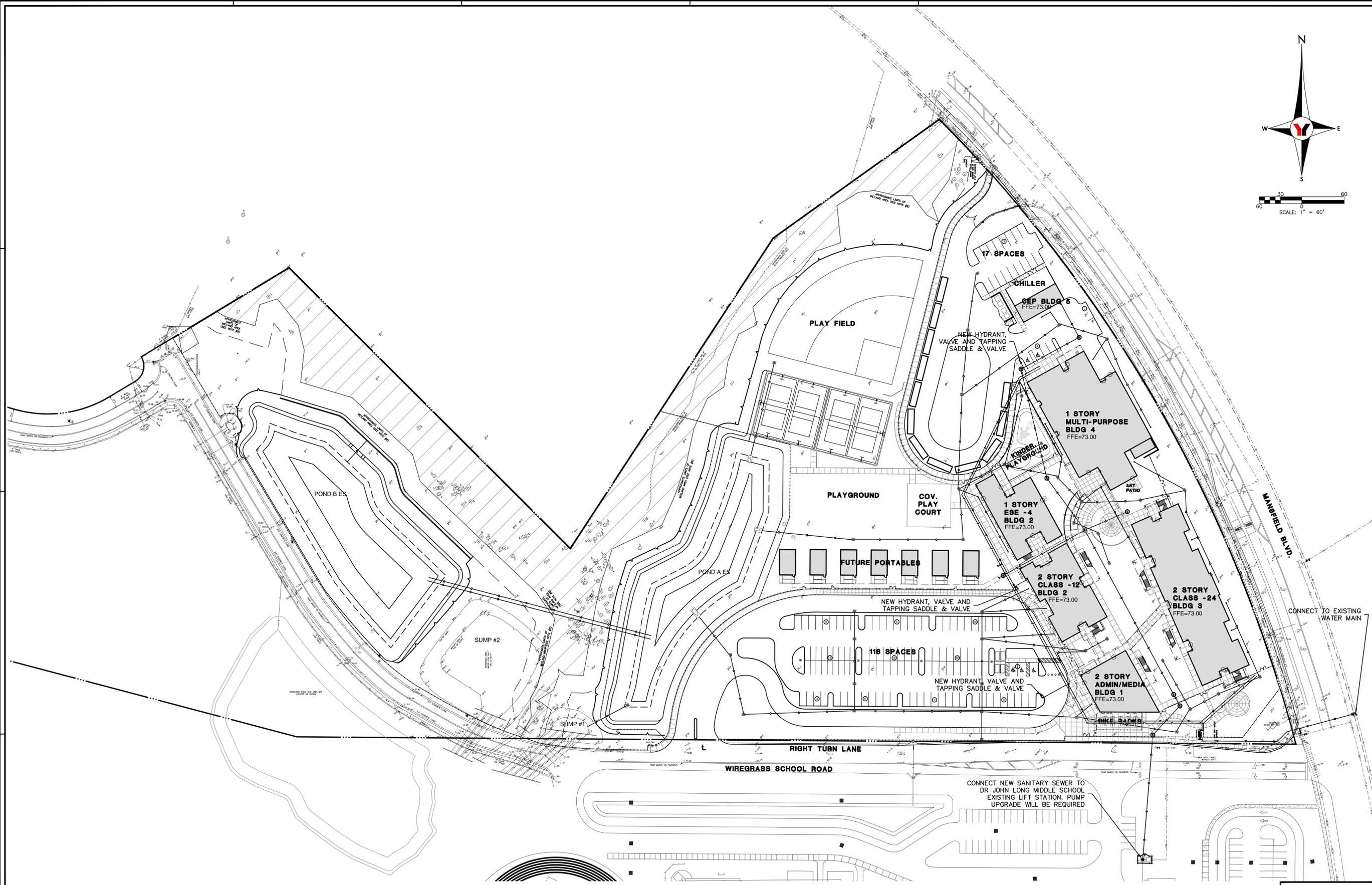
**STORM STRUCTURE  
TABULATION CHARTS**

**George F. Young, Inc.**

299 DR. MARTIN LUTHER KING JR. STREET NORTH ST. PETERSBURG, FLORIDA 33701  
 PHONE (727) 822-4317 • FAX (727) 822-2919  
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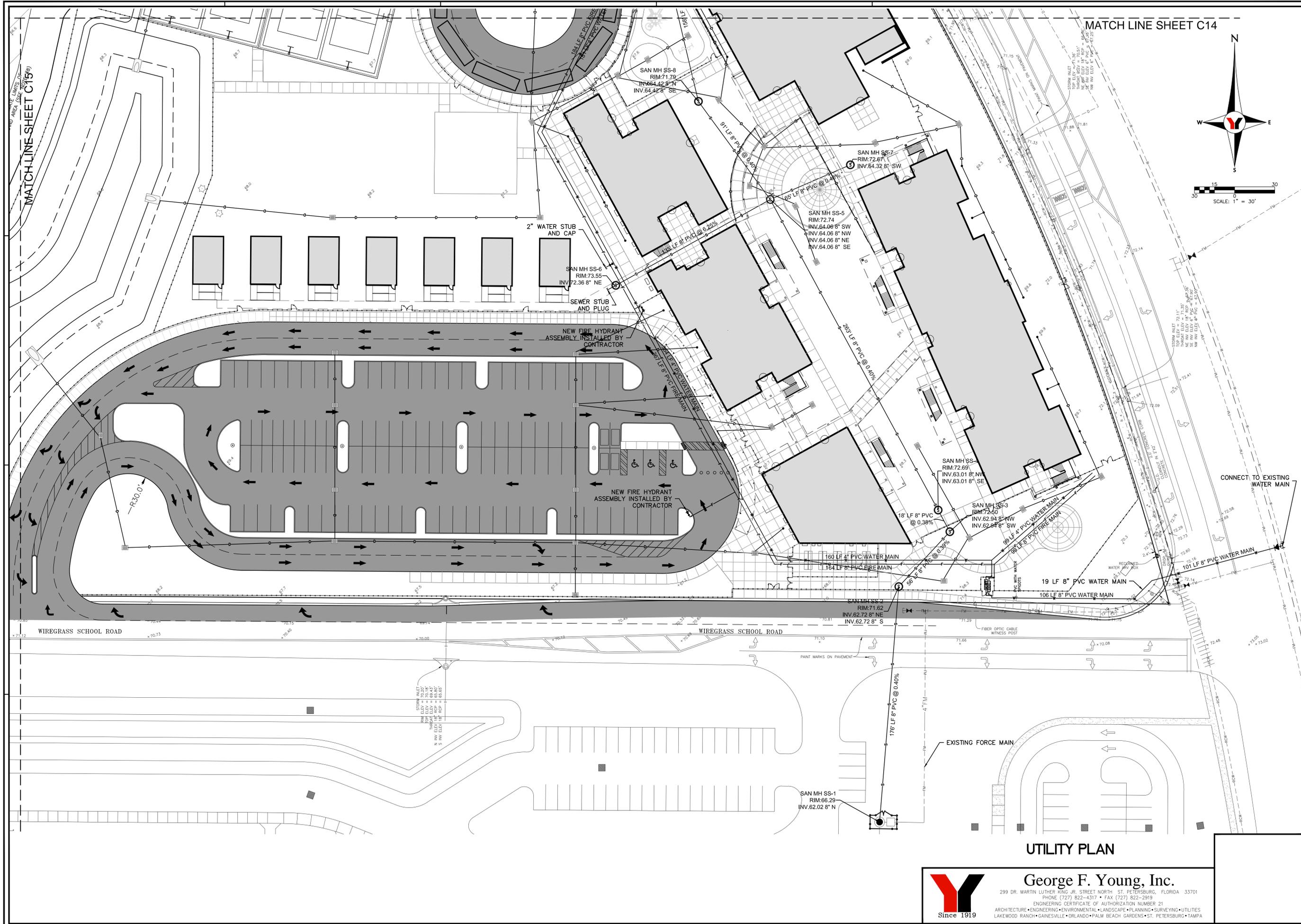
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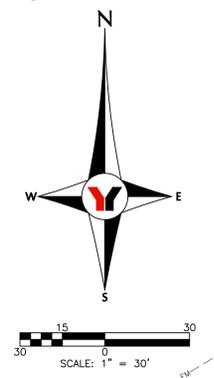
**OVERALL UTILITY PLAN**

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MATCH LINE SHEET C14

MATCH LINE SHEET C15



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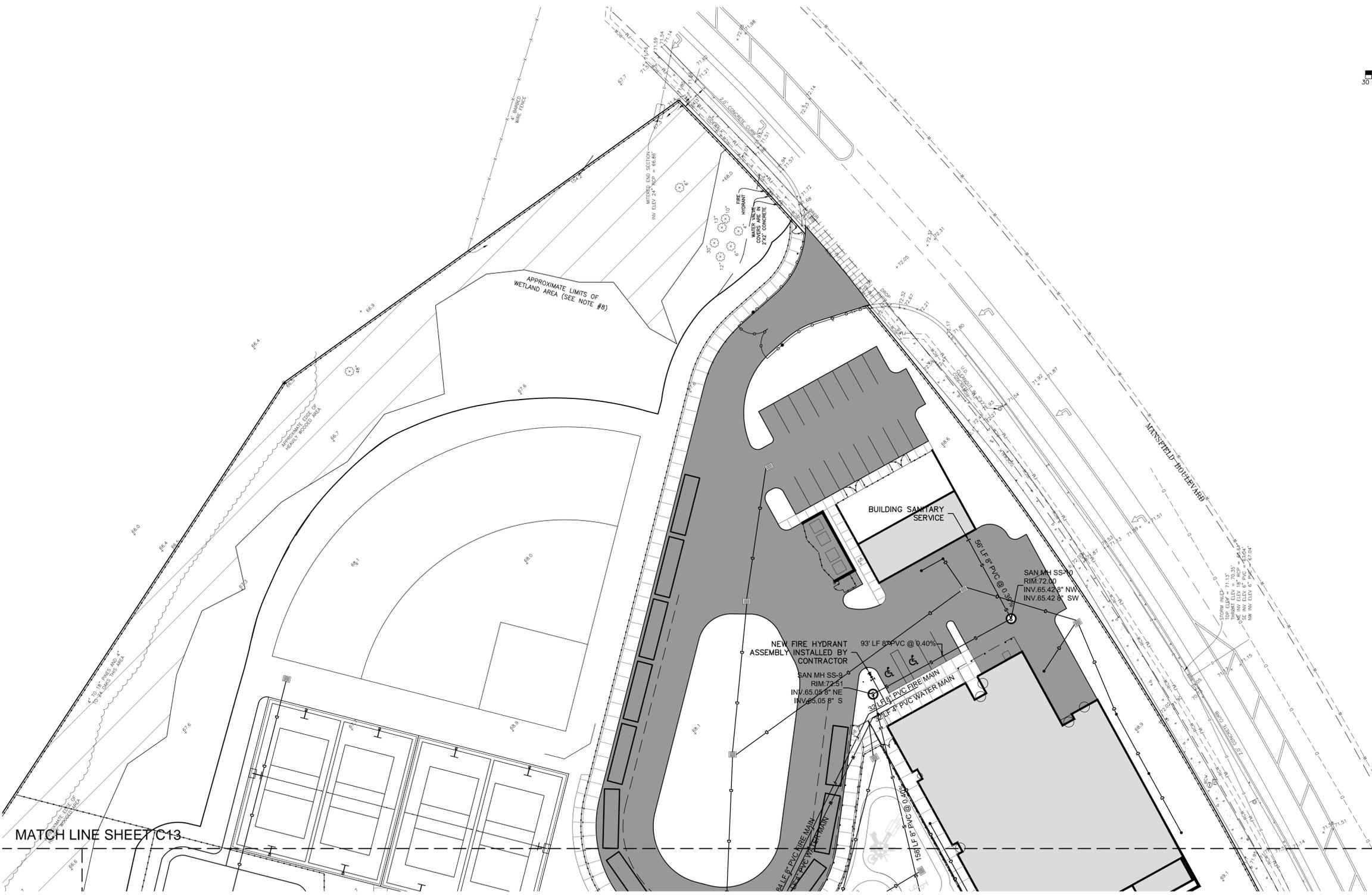
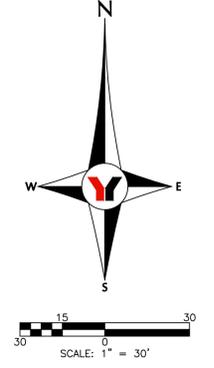
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**UTILITY PLAN**



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MATCH LINE SHEET C13

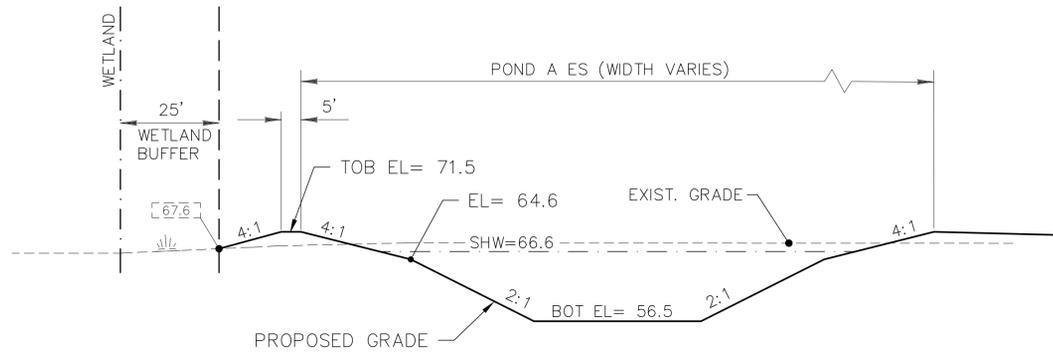
**UTILITY PLAN**



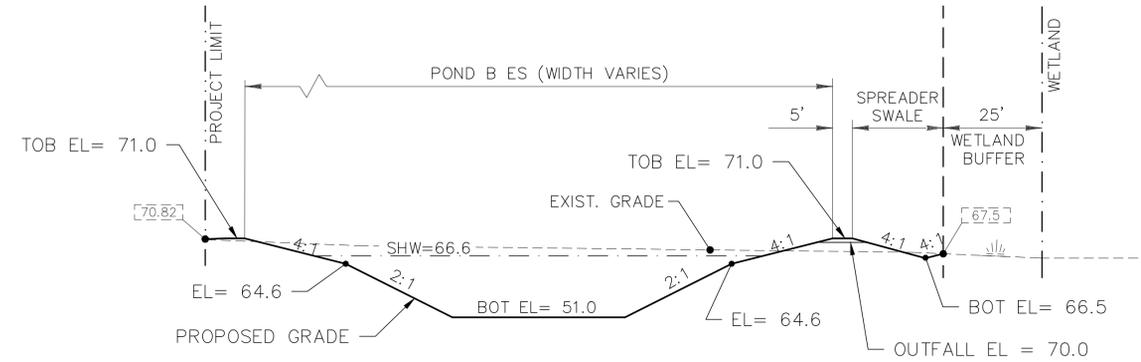
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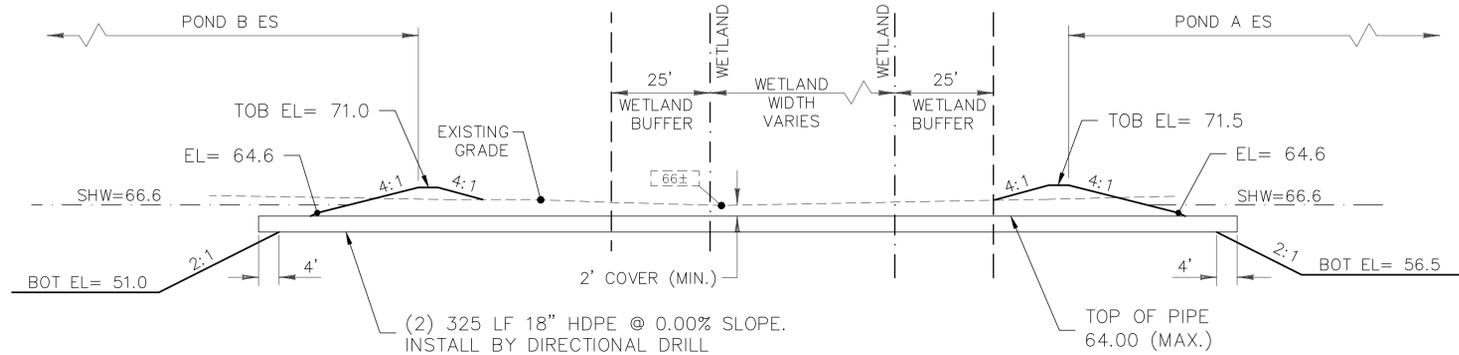
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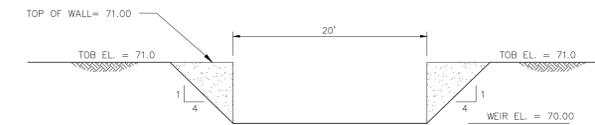
**POND SECTION A-A**



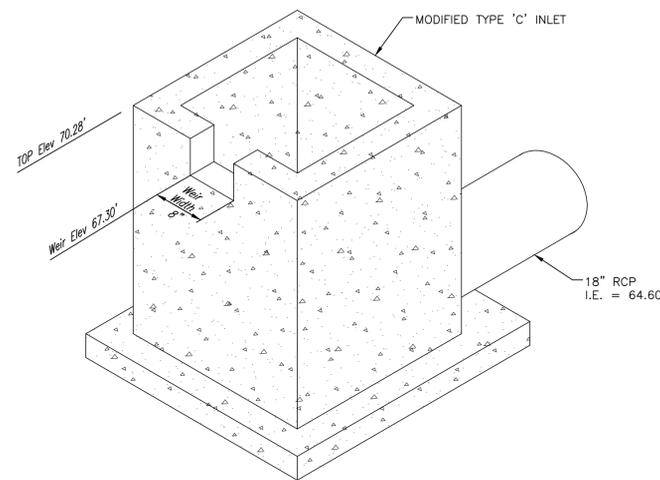
**POND SECTION B-B**



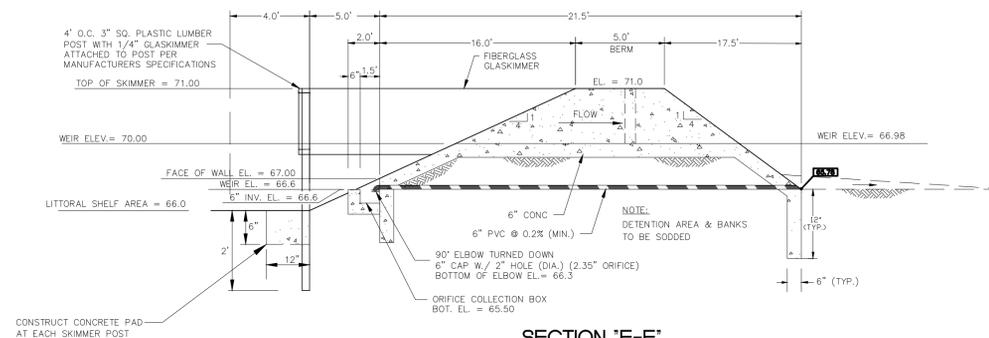
**DIRECTIONAL DRILL OR JACK AND BORE SECTION D-D**



**SECTION 'F-F'**



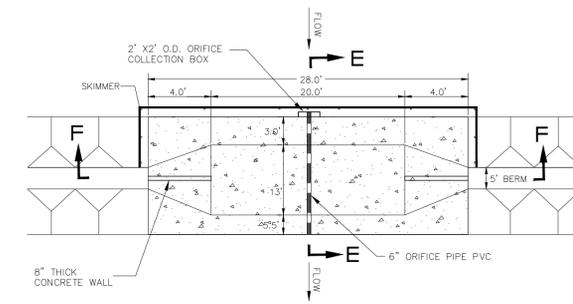
**OUTFALL CONTROL STRUCTURE CS-1**  
(SEE SHEET C10)



**SECTION 'E-E'**  
SKIMMER OUTFALL SECTION

**OUTFALL CONTROL STRUCTURE CS-2**  
(SEE SHEET C10)

NOTE:  
CONTRACTOR TO REMOVE ALUMINUM  
PLATES FROM THE WEIR WALL AND  
REMOVE 4" ORIFICE CAP FROM 4" PVC  
DISCHARGE PIPE.



**OUT FALL PLAN VIEW**

**PAVING, GRADING, AND  
DRAINAGE DETAILS**



**George F. Young, Inc.**

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C17

**DUST CONTROL NOTES**

**DEFINITION:**

REDUCING SURFACE AND AIR MOVEMENT OF DUST DURING LAND DISTURBING, DEMOLITION AND CONSTRUCTION ACTIVITIES.

**PROPOSE:**

TO PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES AND REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY BE HARMFUL OR INJURIOUS TO HUMAN HEALTH, WELFARE, OR SAFETY, OR TO ANIMAL OR PLANT LIFE.

**CONDITIONS WHERE PRACTICE APPLIES:**

IN AREA SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST WHERE ON-SITE AND OFF-SITE DAMAGE IS LIKELY TO OCCUR IF PREVENTIVE MEASURES ARE NOT TAKEN.

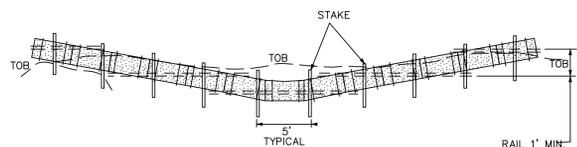
**PLANNING CONSTRUCTIONS:**

CONSTRUCTION ACTIVITIES INEVITABLY RESULT IN THE EXPOSURE AND DISTURBANCE OF SOIL. FUGITIVE DUST IS EMITTED BOTH DURING THE ACTIVITIES (I.E., EXCAVATION, DEMOLITION, VEHICLE TRAFFIC, HUMAN ACTIVITY) AND AS A RESULT OF WIND EROSION OVER THE EXPOSED EARTH SURFACES. LARGE QUANTITIES OF DUST ARE TYPICALLY GENERATED IN "HEAVY" CONSTRUCTION ACTIVITIES, SUCH AS ROAD AND STREET CONSTRUCTION AND SUBDIVISION, COMMERCIAL AND INDUSTRIAL DEVELOPMENT, WHICH INVOLVE DISTURBANCE OF SIGNIFICANT AREAS OF SOIL SURFACE. RESEARCH AT CONSTRUCTION SITES HAS ESTABLISHED AN AVERAGE DUST EMISSION RATE OF 1.2 TONS/ACRE/MONTH FOR ACTIVE CONSTRUCTION. EARTH-MOVING ACTIVITIES COMPRISE THE MAJOR SORCES OF CONSTRUCTION DUST EMISSIONS, BUT TRAFFIC AND GENERAL DISTURBANCE OF THE SOIL ALSO GENERATE SIGNIFICANT DUST EMISSION. IN PLANNING FOR DUST CONTROL, IT SHOULD BE OBVIOUS THAT THE LESS SOIL IS EXPOSED AT ANY ONE TIME, THE LESS POTENTIAL THERE WILL BE FOR DUST GENERATION. PHASING A PROJECT AND UTILIZING TEMPORARY STABILIZATION PRACTICES UPON THE COMPLETION OF GRADING CAN SIGNIFICANTLY REDUCE DUST EMISSION.

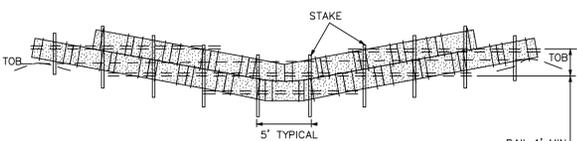
**TEMPORARY MEASURES:**

- MULCHES- A NATURAL OR ARTIFICIAL LAYER OF PLANT MATERIALS OR OTHER MATERIALS THAT WILL NOT FLOAT OR WASH AWAY.
- VEGETATIVE- TEMPORARY SEEDING OR GROUND COVERS.
- TILLAGE- THIS PRACTICE IS DESIGNED TO ROUGHEN AND BRING CLODS TO THE SURFACE. IT IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE WIND EROSION STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS (WITH 12-INCH SPACING), SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.
- IRRIGATION- THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED, TO PREVENT CARRY-OFF OF MUD ONTO STREETS. REFER TO TEMPORARY GRAVEL CONSTRUCTION ENTRANCE.
- BARRIERS- SOLID BOARD FENCE, BUR LAY FENCE, CREATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHT ARE EFFECTIVE IN CONTROLLING WIND EROSION.
- PERMANENT VEGETATION- PERMANENT SEEDING AND PERMANENT STABILIZATION WITH SOD.
- TOP SOILING- THIS ENTAILS COVERING THE SURFACE WITH LESS ERODIBLE SOIL MATERIAL.
- STONE- COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.

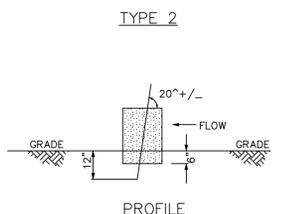
**DUST CONTROL NOTES**  
SE-01 N.T.S.



**NOTE:**  
SYNTHETIC HAY BALES MUST BE USED  
ANCHOR BALES WITH TWO(2) 2"x2"x4" STAKES PER BALES.  
**TYPE 1**



**NOTE:**  
ANCHOR LOWER BALES WITH TWO(2) 2"x2"x4" STAKES PER BALES. #5 OR LARGER REBAR IS ACCEPTABLE.  
ANCHOR TOP BALES TO LOWER BALES WITH TWO(2) 2"x2"x4" STAKES PER BALES.  
**TYPE 2**

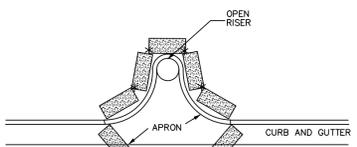


**SYNTHETIC HAYBALE BARRIER FOR UNPAVED DITCHES**  
SE-05 N.T.S.

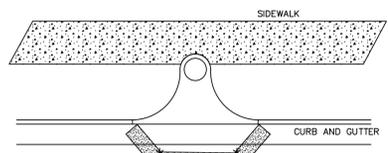
**SEDIMENT AND EROSION CONTROL MEASURES NOTES PAGE 1 OF 2**

- SEDIMENT AND EROSION AND TURBIDITY CONTROL MEASURES ARE PART OF PASCO COUNTY'S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT ISSUED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA), THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE FLORIDA WATER MANAGEMENT DISTRICT. PERMITS SHALL BE STRICTLY ENFORCED BY THE COUNTY AND THESE AGENCIES.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE BREAKING GROUND PROCESS AND PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES INCLUDING DEMOLITION ACTIVITIES.
- SILT FENCE MUST WRAP ENTIRE AREA OF CONSTRUCTION UNLESS DIRECTED OTHERWISE BY THE COUNTY ENGINEER. FINAL LOCATIONS OF TURBIDITY CONTROL DEVICES MAY BE ADJUSTED AS DIRECTED BY THE COUNTY ENGINEER OR REPRESENTATIVES OF THE PERMITTING AGENCIES WITHOUT ADDITIONAL COMPENSATION.
- UNTIL COMPLETION OF INSTALLATION OF THE TURBIDITY AND SEDIMENT CONTROL DEVICE, THE CONTRACTOR CANNOT "BREAK GROUND" OR PERFORM ANY LAND CLEARING ACTIVITIES INCLUDING, BUT NOT LIMITED TO, TREE REMOVAL, DEMOLITION, SCALPING, DIGGING, OR STOCKPILING OF DIRT UNTIL EROSION CONTROL DEVICE ARE APPROVED AND SIGNED OFF BY THE INSPECTOR.
- INSPECTION AND MAINTENANCE OF SEDIMENT AND EROSION, AND TURBIDITY CONTROL MEASURES SHALL BE A CONTINUING FUNCTION OF THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION FOR THE DURATION OF THE PROJECT AND UNTIL A CERTIFICATE OF OCCUPANCY IS ISSUED. REMOVAL OF ALL SEDIMENT, EROSION AND TURBIDITY CONTROL DEVICES PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY MUST BE APPROVED BY PASCO COUNTY.
- THE LIFE CYCLE OF SILT SCREEN AND HAY BALES IS LIMITED. SILT FENCES HAVE A MAXIMUM USABLE LIFE OF 6 MONTHS AND THE USABLE LIFE OF HAY BALES IS 3 MONTHS. SILT SCREENS AND HAY BALES SHALL BE REPLACED AT THE END OF THEIR USABLE LIFE. THE CITY ENGINEER MAY REQUIRE REPLACEMENT PRIOR TO THE USABLE LIFE BASED UPON FIELD CONDITIONS. ADDITIONAL TURBIDITY AND/OR SEDIMENT CONTROL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
- PROTECTION OF EXISTING AND PROPOSED STORM SEWER SYSTEM: DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY APPROVED TURBIDITY CONTROL MEASURES AND SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SILT FENCES, SOD, STONE, ETC. THESE DEVICES SHALL BE MAINTAINED, CLEANED, MODIFIED AND REPAIRED BY THE CONTRACTOR AS REQUIRED BY CONSTRUCTION PROGRESS OR AS DIRECTED BY THE ENGINEER.
- SEDIMENT TRAPPING MEASURES: SEDIMENT BASINS AND TRAPS, PERIMETER BEERS, FILTER FENCE, BERMS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING WATER BODIES, MUST BE INSTALLED, CONSTRUCTED OR, IN THE CASE OF VEGETATIVE BUFFER, PROTECTED FROM DISTURBANCE AS THE FIRST STEP IN THE LAND ALTERATION PROCESS.
- ALL EROSION CONTROL DEVICES SHALL BE CHECKED DAILY, ESPECIALLY AFTER EACH RAINFALL EVENT AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED. ALL VIOLATIONS MUST BE REPORTED TO THE COUNTY ENGINEER WITHIN 24 HOURS. COPIES OF THE STANDARD OPERATOR PROCEDURE FOR VIOLATION NOTICES ARE AVAILABLE FOR THE ENGINEERING DIVISION.
- FULL SOD STABILIZATION SHALL OCCUR WITHIN 72 HOURS OF OBTAINING FINAL GRADE.
- THE CONTRACTOR SHALL PROVIDE TURBIDITY BARRIERS AS DIRECTED BY THE COUNTY ENGINEER TO CONTROL EROSION AND SEDIMENTATION FROM TAKING PLACE OUTSIDE THE LIMITS OF THE PROJECT. THE TURBIDITY BARRIERS SHALL BE PLACED IN ACCORDANCE WITH REQUIREMENTS OF PASCO COUNTY ENGINEERING DESIGN AND CONSTRUCTION STANDARDS, MOST RECENT EDITION.
- FAILURE TO COMPLY WITH EROSION CONTROL MEASURES WILL RESULT IN A NOTICE OF VIOLATION BEING ISSUED. THE NOTICE WILL STIPULATE THE TIME FRAME ALLOWED FOR COMPLIANCE. IF THE PROJECT IS NOT IN COMPLIANCE WITHIN THE TIME FRAME GIVEN, A STOP WORK ORDER WILL BE ISSUED.
- DEMOLITION AND TYPICAL CONSTRUCTION PROJECTS USUALLY GENERATE LARGE AMOUNT OF DUST WITH SIGNIFICANT CONCENTRATIONS OF HEAVY METALS AND OTHER TOXIC POLLUTANTS. DUST CONTROL TECHNIQUES SHALL BE USED TO CONTROL DUST. SEDIMENT SHALL BE RETAINED ON SITE AND NOT BE ALLOWED TO RUN DIRECTLY INTO WATER COURSES OR STORM WATER CONVEYANCE SYSTEM. USE OF CALCIUM CHLORIDE, OIL OR OTHER CHEMICAL DUST AGENTS IS PROHIBITED, UNLESS APPROVED BY COUNTY ENGINEER.
- FOR PROJECTS OVER 1 ACRE THE PROJECT SHALL ADHERE TO THE REQUIREMENTS OF THE EPA AND FDEP NOTICE OF INTENT (NOI) TO USE THE NPDES GENERAL PERMIT AND STORM WATER POLLUTION PREVENTION PLAN (SWP3)

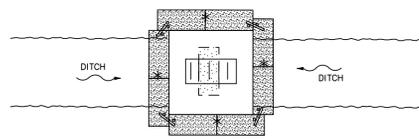
**SEDIMENT AND EROSION CONTROL MEASURES NOTES**  
SE-02 N.T.S.



**PARTIAL INLET**  
MUST BE STACKED WITH WOOD OR REBAR



**COMPLETED INLET**

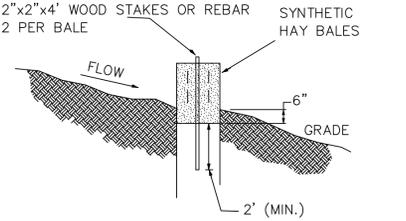


**NOTE: SYNTHETIC HAY BALES MUST BE USED**  
**SYNTHETIC HAY PROTECTION AROUND INLETS/STRUCTURES**  
SE-06 N.T.S.

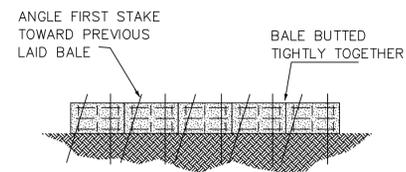
**SEDIMENT AND EROSION CONTROL MEASURES NOTES**  
PAGE 2 OF 2

- FOR PROJECTS OVER 1 ACRE THE PROJECT SHALL ADHERE TO THE REQUIREMENTS OF THE EPA AND FDEP NOTICE OF INTENT (NOI) TO USE THE NPDES GENERAL PERMIT AND STORM WATER POLLUTION PREVENTION PLAN (SWP3)
- ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWP3) AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS TRANSPORT OF THESE MATERIALS INTO STORM WATER CONVEYANCE SYSTEM.
- NO RUBBISH, TRASH, GARBAGE, OR OTHER SUCH MATERIALS SHALL BE DISCHARGED IN DRAINAGE DITCH OR WATER OF THE STATE.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY IS PLANNED TO BE STOPPED FOR AT LEAST 21 DAYS, SHALL BE TEMPORARILY SEEDED AND MULCHED. THESE AREAS SHALL BE SEEDDED AND MULCHED NO LATER THAN 3 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED THESE AREAS SHALL BE PERMANENTLY SEEDDED OR SODDED NO LATER THAN 3 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD AS IDENTIFIED BY THE CITY ENGINEER THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNERS CONSTRUCTION MANAGER. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WASH WATER AT THE SITE.
- ALL MATERIAL SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY. ROADWAYS AND RIGHT-OF-WAYS SHALL BE CLEANED DAILY BY A VACUUM STREET SWEEPER OR AS DIRECTED BY THE COUNTY ENGINEER.
- CONTRACTOR OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AFTER THE STABILIZATION OF THE SITE AND ALSO ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEM.
- IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES COVERING WITH PLASTIC TARP AND OTHER MEANS SHALL BE USED TO HELP CONTAIN THE SEDIMENT.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION OR TEMPORARILY SEEDDED AND MULCHED.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO HELP PREVENT EROSION AND STORM WATER POLLUTION.
- ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT EACH END OF EACH WORKING DAY. THIS INCLUDES BACK FILLING OF TRENCHES FOR STORM DRAIN CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND STAY IN PLACE UNTIL FINAL STABILIZATION HAS OCCURRED AND UNTIL APPROVED BY THE ENGINEERING INSPECTOR OR COUNTY ENGINEER.

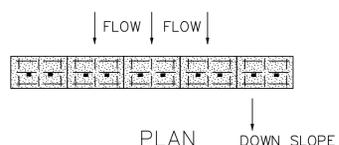
**SEDIMENT AND EROSION CONTROL MEASURES NOTES**  
SE-02 N.T.S.



**SECTION**

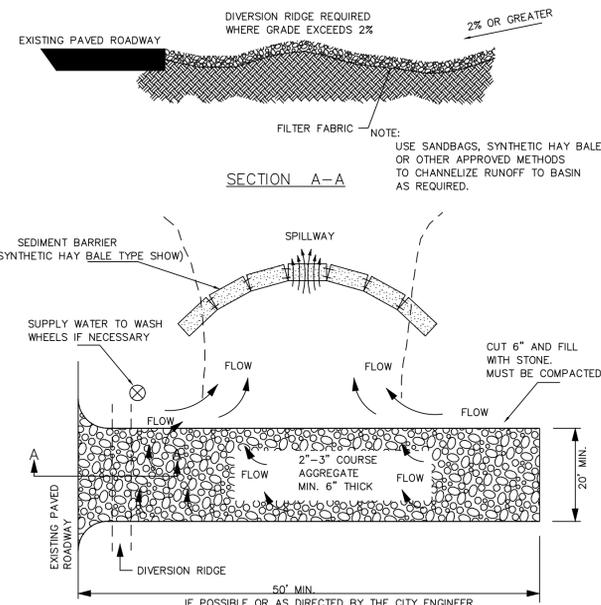


**ELEVATION**



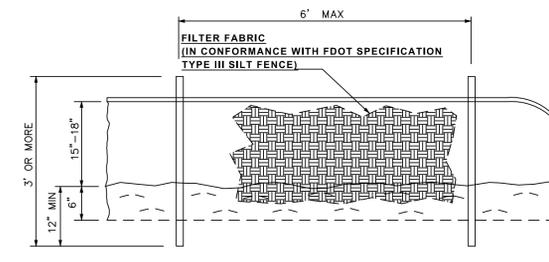
**SYNTHETIC BALE BARRIER**  
SE-07 N.T.S.

\*IF REBAR IS TO BE USED, OSHA STANDARDS MUST BE MET.

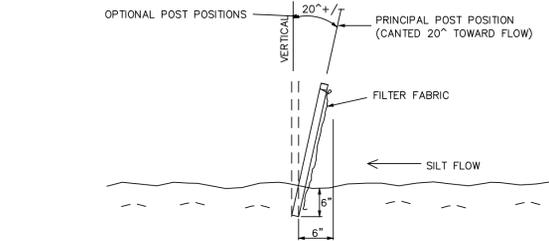


**NOTES:**  
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF WAY OR STORM WATER SYSTEMS. THEY MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.  
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE INTO THE PUBLIC RIGHT-OF-WAY.  
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

**TEMPORARY GRAVEL CONSTRUCTION ENTRANCE WITH WHEEL WASH**  
SE-04 N.T.S.



**ELEVATION**



**SECTION**

**NOTES:**  
1. THE FABRIC SHOULD FACE THE AREA OF CONSTRUCTION WITH THE STAKES ON THE OUTSIDE AWAY FROM CONSTRUCTION.  
2. FABRIC MUST BE TRENCHED IN AND BACK FILLED. THIS CAN BE DONE WITH A TRENCHER, FRONT BUCKET, OR HAND.  
3. FILTER FABRIC MUST BE TAUT.

**TYPE III SILT FENCE**  
SE-09 N.T.S.

**HARVARD JOLLY ARCHITECTURE**

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FL: Punta Gorda 941-575-0403  
FL: Tampa 813-286-8626  
Toll Free 1-800-866-4611  
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AAC000119

DESIGN OFFICE LOCATION: 5201 WEST KENNEDY BLVD., STE. 515, TAMPA, FL 33609, PH: 813-286-8208

**PASCO ELEMENTARY SCHOOL W  
NEW ELEMENTARY SCHOOL  
PASCO COUNTY, FLORIDA  
DESIGN DOCUMENTS**

Comm. No: 14066.00

Date: 12/23/14

Drawn: ALH

Revised:

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

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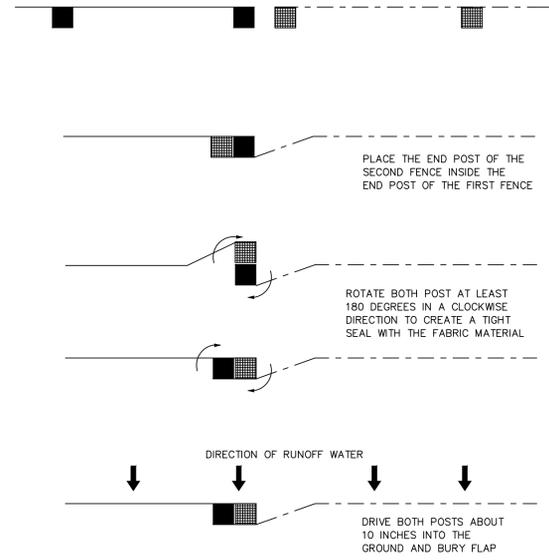
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**EROSION CONTROL DETAILS**

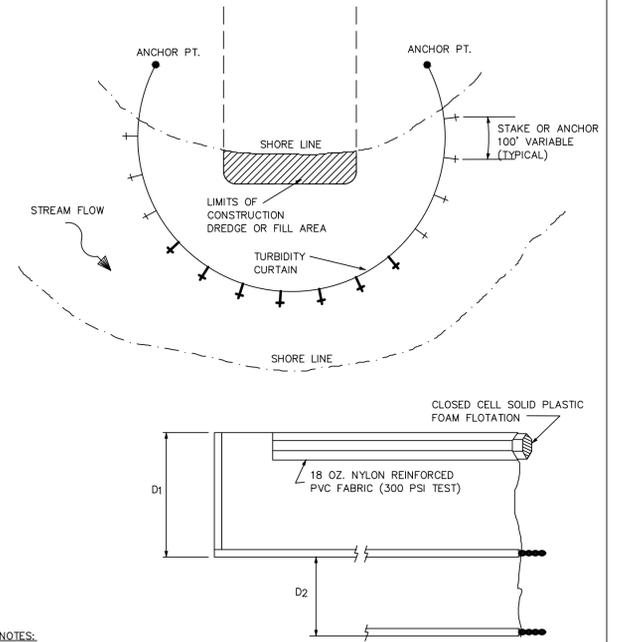


**George F. Young, Inc.**

299 DR. MARTIN LUTHER KING JR. STREET NORTH ST. PETERSBURG, FLORIDA 33701  
PHONE (727) 822-4317 • FAX (727) 822-2919  
ENGINEERING CERTIFICATE OF AUTHORIZATION NUMBER 21  
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ATTACHING TWO SILT FENCES  
SE-10 N.T.S.

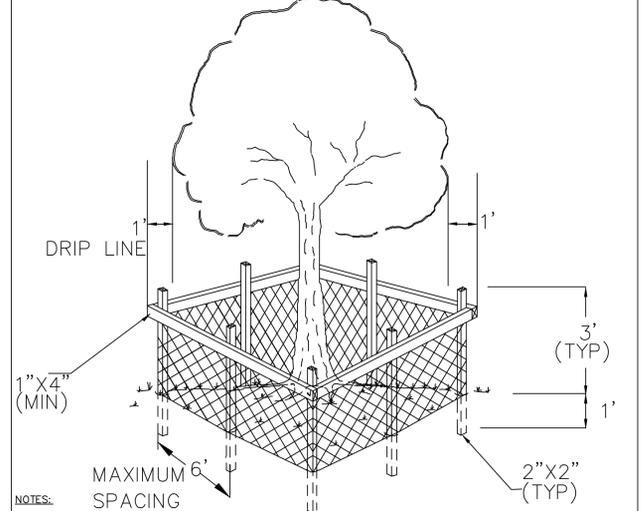


NOTES:

D1 = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS)  
D2 = 5' STD. (ADDITIONAL PANEL FOR DEPTH >5')  
CURTAIN TO REACH BOTTOM. ADDITIONAL PANELS TO BE USED TO REACH BOTTOM IF SINGLE ROW DOES NOT REACH.

FLOATING TURBIDITY BARRIER  
SE-11 N.T.S.

ANY TREE REMOVABLE REQUIRES A PERMIT



- NOTES:
- NO TREE SHALL BE REMOVED UNLESS SPECIFICALLY TAGGED FOR REMOVAL.
  - A PROTECTIVE BARRIER SHALL BE ERECTED AROUND ALL TREES AND NATIVE VEGETATION THAT ARE TO REMAIN PERMANENTLY ON-SITE.
  - ROOTS GREATER THAN 1" DIAMETER SHALL NOT BE CUT UNLESS OTHERWISE APPROVED.
  - TREE ROOTS ONE FOOT OUTSIDE OF BARRIER MUST COMPLY WITH SECTION 6300 SUBSECTION 6303(B) OF LARGO'S COMPREHENSIVE DEVELOPMENT CODE (CDC).
  - STOCKPILED MATERIALS OR UNNECESSARY VEHICULAR TRAFFIC SHALL NOT BE ALLOWED OVER ANY TREE ROOTS SYSTEM.
  - PROTECTIVE BARRIERS ARE TO BE CONSTRUCTED USING NO LESS THAN 2"X2" LUMBER FOR THE UPRIGHTPOSTS. UPRIGHT POSTS ARE TO BE AT LEAST 4 FEET IN LENGTH WITH A MINIMUM OF ONE FOOT ANCHORED IN THE GROUND AND THREE FEET ABOVE GROUND. UPRIGHT POSTS ARE TO BE PLACED AT A MAXIMUM DISTANCE OF 6 FEET APART. HORIZONTAL RAILS ARE TO BE CONSTRUCTED USING NO LESS THAN 1"X4" LUMBER AND SHALL BE SECURELY ATTACHED TO THE TOP OF THE UPRIGHT POSTS. A PVC TYPE SAFETY FENCE THE HEIGHT OF THE BARRIER SHALL BE ATTACHED TO THE UPRIGHT POSTS, THE TOP RAIL, AND THE GROUND, WITHFASTENERS A MAXIMUM OF 8 INCHES APART. BARRIERS SHALL EXTEND AT LEAST ONE FOOT BEYOND THE DRIP LINE OF ALL PROTECTED TREES ON THE PROPERTY AND SHALL BE AT LEAST THREE FEET HIGH.

TREE PROTECTION  
SE-12 N.T.S.

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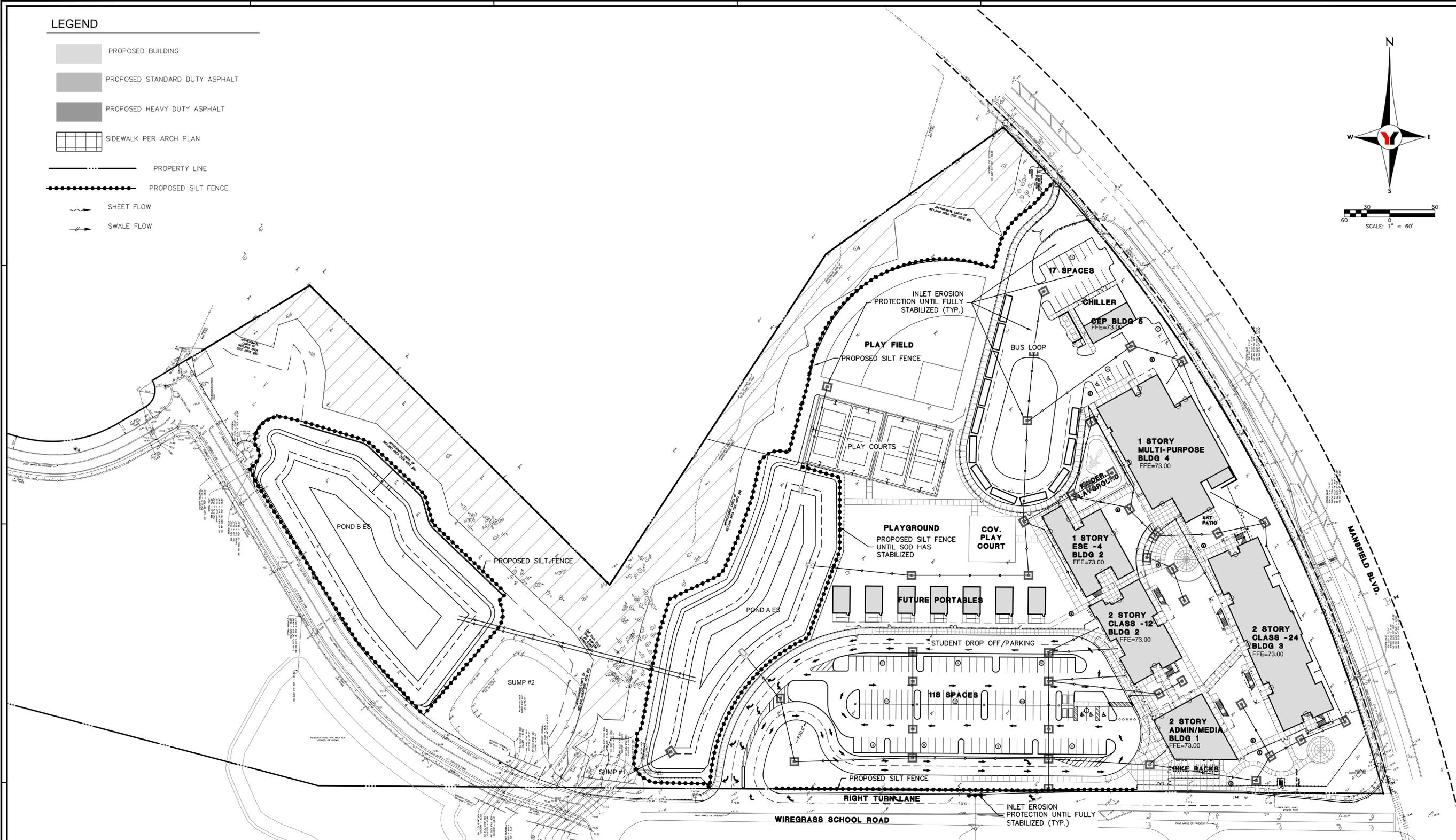
TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

**EROSION CONTROL DETAILS**

**George F. Young, Inc.**  
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**LEGEND**

-  PROPOSED BUILDING
-  PROPOSED STANDARD DUTY ASPHALT
-  PROPOSED HEAVY DUTY ASPHALT
-  SIDEWALK PER ARCH PLAN
-  PROPERTY LINE
-  PROPOSED SILT FENCE
-  SHEET FLOW
-  SWALE FLOW



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**PASCO ELEMENTARY SCHOOL W  
 NEW ELEMENTARY SCHOOL  
 PASCO COUNTY, FLORIDA  
 DESIGN DOCUMENTS**

Comm. No: 14066.00  
 Date: 12/23/14  
 Drawn: ALH  
 Revised:

TO THE BEST OF MY KNOWLEDGE, THE  
 PLANS AND SPECIFICATIONS COMPLY WITH  
 THE MINIMUM BUILDING CODES.

**CONSTRUCTION SURFACE WATER  
 PROTECTION PLAN**



**George F. Young, Inc.**  
 299 DR. MARTIN LUTHER KING JR. STREET NORTH ST. PETERSBURG, FLORIDA 33701  
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**C23**

<b>STORMWATER POLLUTION PREVENTION PLAN</b>	
PROJECT NAME: PASCO ELEMENTARY SCHOOL "W"	
PROJECT ADDRESS: MANSFIELD BOULEVARD WESLEY CHAPEL, FL 33543	APPLICANT'S ADDRESS: HARVARD JOLLY ARCHITECTURE 5201 W. Kennedy Blvd., Suite 515 Tampa, FL 33609
THE PROJECT WILL CONSIST: ELEMENTARY SCHOOL FACILITY	
SOIL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING SITE FILL FOR PROPOSED IMPROVEMENTS	
CONSTRUCTION ACTIVITIES WILL INCLUDE: ELEMENTARY SCHOOL FACILITY SITE FILL FOR PROPOSED IMPROVEMENTS, CONSTRUCTION OF SIX (6) BUILDINGS, DRIVEWAYS, PARKING, BASKETBALL COURTS, PLAYFIELDS AND A STORMWATER MANAGEMENT SYSTEM.	
CURVE NUMBER: PRE: 74.8, 80.2, 79.0 (PER KING ENGINEERING) POST: 92.11 (POND A), 95.12 (POND B), 80.2 & 79.0 (PER KING ENGINEERING)	
SITE AREA: 14.17 ACRES	
<b>SEQUENCE OF MAJOR ACTIVITIES</b>	
<ol style="list-style-type: none"> <li>INSTALL EROSION CONTROL DEVICES AS SHOWN ON THE CONSTRUCTION SURFACE WATER PROTECTION PLAN, SHEET C23</li> <li>INSTALL STABILIZED CONSTRUCTION ENTRANCE.</li> <li>EXCAVATE SWALES AND SEDIMENT HUMPS.</li> <li>COMPLETE GRADING ACTIVITIES.</li> <li>INSTALL NEW STORM SEWER, PARKING LOT, AND BUILDINGS.</li> <li>FILL AND GRADE DISTURBED AREAS.</li> <li>REPAIR ANY WASHED OUT AREAS, INSTALL PLANTING MATERIAL AS SHOWN ON LANDSCAPE PLAN: SOD, SEED, AND MULCH DISTURBED AREAS AS INDICATED ON PLANS.</li> <li>WHEN CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE STABILIZED, REMOVE EROSION PROTECTION DEVICES AND CONSTRUCTION ENTRANCE AS REQUIRED.</li> </ol>	
<b>CONTROLS</b>	
<b>EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES</b>	
PROTECTION OF EXISTING STORM SEWER SYSTEMS – DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY THE CONSTRUCTION PROCESS (SEE F.D.O.T. INDEX NO. 102).	
SEDIMENT TRAPPING MEASURES – SEDIMENT BASINS AND TRAPS, PERIMETER BERMS, FILTER FENCES, BERMS SEDIMENT BARRIERS, VEGETATIVE BUFFERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING WATER BODIES, MUST BE INSTALLED, CONSTRUCTED OR IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS.	
WIND EROSION STABILIZATION – THE CONTRACTOR SHALL DENUDE ONLY AREAS WHERE IT IS EXPECTED TO BE GRADED OR ALTERED WITHIN A TWO (2) WEEK TIME- FRAME. FINAL GRADES SHALL BE PERFORMED AND TEMPORARY OR PERMANENT SOIL STABILIZATION SHALL BE APPLIED. AREAS WHERE CONSTRUCTION OPERATIONS WILL BE CONTINUOUS, FUGITIVE DUST SHALL BE MANAGED BY APPLYING A WATER SPRAY TO SATURATE THE SURFACE SOILS CONTINUOUSLY AND ADDITIONAL MEASURES MAY NEED TO BE TAKEN TO CONTROL OFF-SITE TRANSPORT OF UNACCEPTABLE LEVELS OF DUST.	
TEMPORARY STABILIZATION – TOP OF SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITH TEMPORARY GRASS AND MULCH NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY. GRASS SEED SHALL BE A MIXTURE OF 20 PARTS OF BERMUDA SEED AND 80 PARTS OF PENSACOLA BAHIA. THE SEPARATE TYPES OF SEED USED SHALL BE THOROUGHLY DRY MIXED IMMEDIATELY BEFORE SOWING. SEED WHICH HAS BECOME WET SHALL NOT BE USED. THE MULCH MATERIAL USED SHALL NORMALLY BE DRY MULCH. DRY MULCH SHALL BE STRAW OR HAY, CONSISTING OF OAT, RYE OR WHEAT STRAW, OR OF PANGOLA, PEANUT, COASTAL BERMUDA OR BAHIA GRASS HAY. ONLY UNDETERIORATED MULCH, WHICH CAN BE READILY CUT INTO THE SOIL, SHALL BE USED. AREAS OF THE SITE, WHICH ARE TO BE PAVED, WILL BE TEMPORARILY STABILIZED BY APPLYING STABILIZATION AND BASE.	
PERMANENT STABILIZATION – DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED WITH SOD NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.	
<b>STRUCTURAL PRACTICES</b>	
STAKED SILT FENCES – THE STAKED SILT FENCES WILL BE CONSTRUCTED ALONG THE CONSTRUCTION LIMITS AS DEPICED ON THE AND CONSTRUCTION PLANS. THESE DEVICES WILL STOP AND DIVERT RUNOFF TO THE SEDIMENT BASINS.	
SEDIMENT BASINS – THE TEMPORARY POND AREAS WILL ACT AS SEDIMENT BASINS DURING CONSTRUCTION.	

<b>STORM WATER MANAGEMENT</b>	
STORM WATER DRAINAGE WILL BE PROVIDED BY CATCH BASINS AND UNDERGROUND PIPING SYSTEM FOR THE DEVELOPED AREA. THE AREAS WHICH ARE NOT DEVELOPED WILL BE GRADED AND HAVE PERMANENT SEEDING OR PLANTINGS.	
<b>OTHER CONTROLS</b>	
<b>WASTE DISPOSAL</b>	
WASTE MATERIALS – ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN DUMPSTERS PER LOCAL SOLID WASTE REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF TWICE A WEEK OR MORE OFTEN IF NECESSARY, AND THE TRASH WILL BE HAULED TO THE APPROPRIATE COUNTY LOCATION FOR DUMPING. NO CONSTRUCTION MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE ON-SITE OFFICE TRAILER AND THE CONSTRUCTION MANAGER RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.	
HAZARDOUS WASTE – ALL HAZARDOUS WASTE MATERIALS, IF ENCOUNTERED, WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.	
SANITARY WASTE – ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATION.	
<b>OFFSITE VEHICLE TRACKING</b>	
STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS, PER FOOT INDEX NO. 106. THE PAVED STREETS ADJACENT TO THE PROJECT WILL BE CLEANED AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS Hauling MATERIAL FROM OR TO THE SITE WILL BE COVERED WITH A TARP AT ALL TIMES.	
<b>TIMING OF CONTROL MEASURES</b>	
AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, STAKED SILT BARRIERS, STABILIZED CONSTRUCTION ENTRANCES AND SEDIMENT BASINS WILL BE CONSTRUCTED PRIOR TO GRUBBING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS WILL BE STABILIZED WITH A TEMPORARY GRASS AND MULCH WITHIN 14 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN THAT AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SOD. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE TRAPS AND THE STAKED SILT BARRIERS WILL BE REMOVED.	
<b>CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS</b>	
THE CONSTRUCTION SURFACE WATER MANAGEMENT PLAN REFLECTS THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT'S (SWFWM) REQUIREMENTS FOR STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL AS ESTABLISHED BY THE FLORIDA ADMINISTRATIVE CODE, CHAPTER 40D-4 AND 40D-40, TO DEMONSTRATE COMPLIANCE. THIS PLAN WAS PREPARED IN ACCORDANCE WITH SWFWM'S "BASIS OF REVIEW FOR SURFACE WATER MANAGEMENT PERMIT APPLICATIONS WITHIN THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT". THIS PLAN ALSO REFLECTS THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR WORK IN BRANCH 6.	
<b>MAINTENANCE INSPECTION PROCEDURES</b>	
EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES	
THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT SHALL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROL.	
LESS THAN ONE HALF OF THE SITE WILL BE DENUDE AT ONE TIME PRIOR TO ESTABLISHING EROSION CONTROL MANAGEMENT. ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER BY A CONTRACTOR'S REPRESENTATIVE. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE. SILT FENCE WILL BE INSPECTED REGULARLY FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. THE SEDIMENT BASINS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB. TEMPORARY AND PERMANENT GRASSING, MULCHING AND SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. FLOATING TURBIDITY BARRIERS WILL BE INSPECTED REGULARLY AND ADJUSTED OR REPLACED IF NECESSARY TO MAINTAIN PROPER SEDIMENT CONTROL. A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION BY THE CONTRACTOR AND SHALL BE KEPT IN AN ACTIVE LOG READILY AVAILABLE AT THE JOB SITE CONSTRUCTION TRAILER. THE SITE SUPERINTENDENT WILL SELECT INDIVIDUALS WHO WILL BE RESPONSIBLE FOR MAINTENANCE AND REPAIR ACTIVITIES. FILLING OUT THE INSPECTION AND MAINTENANCE REPORT WILL BE BY THE CONTRACTOR. PERSONNEL SELECTED FOR AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ON-SITE IN GOOD WORKING ORDER.	

<b>NON-STORM WATER DISCHARGES</b>	
IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:	
<ul style="list-style-type: none"> <li>WATER FROM WATER LINE FLUSHING.</li> <li>PAVEMENT WASH WATERS (WHERE NO SPILL OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED)</li> <li>UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION).</li> </ul>	
ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.	
<b>INVENTORY FOR POLLUTION PREVENTION PLAN</b>	
THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED, BUT NOT LIMITED, TO BE PRESENT ON-SITE DURING CONSTRUCTION:	
CONCRETE DETERGENTS TAR SAND STONE	FERTILIZERS PETROLEUM BASED PRODUCTS AND FUELS CLEANING SOLVENTS WOOD
<b>SPILL PREVENTION</b>	
<b>MATERIAL MANAGEMENT PRACTICES</b>	
THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.	
GOOD HOUSEKEEPING:	
THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT.	
<ul style="list-style-type: none"> <li>AN EFFORT SHALL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.</li> <li>ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER CONTAINED ENCLOSURE.</li> <li>PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL MANUFACTURER'S LABELED CONTAINERS.</li> <li>SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.</li> <li>WHENEVER POSSIBLE, ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF THE CONTAINER.</li> <li>MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED.</li> <li>THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE.</li> </ul>	
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON-SITE:	
HAZARDOUS PRODUCTS:	
THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.	
PRODUCTS SHALL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED. THEY CONTAIN IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS OR LOCAL AND STATE RECOMMENDED METHODS OF PROPER DISPOSAL SHALL BE FOLLOWED.	
PETROLEUM PRODUCTS:	
ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS, WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.	
FERTILIZERS:	
FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A SEALABLE PLASTIC BIN TO AVOID SPILLS.	
CONCRETE TRUCKS:	
CONTRACTOR SHALL DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THIS AREA TO PREVENT RUNOFF TO THE REMAINDER OF THE SITE. HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR UPON COMPLETION OF THE PROJECT.	
<b>NOTICE OF TERMINATION</b>	
A NOTICE OF TERMINATION WILL BE SUBMITTED TO EPA AFTER THE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION BY THE CONTRACTOR.	

<b>SPILL CONTROL PRACTICES</b>		
IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:		
<ul style="list-style-type: none"> <li>MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.</li> <li>MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. EQUIPMENT AND MATERIALS WILL INCLUDE, BUT NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGES, GLOVES, GOGGLES, FINE PARTICLE SEPARATION FROM PELLETTIZED-GRANULAR MEDIA, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.</li> <li>ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.</li> <li>THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.</li> <li>SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.</li> <li>THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.</li> <li>THE SITE SUPERINTENDENT WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE AT LEAST THREE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ON-SITE.</li> </ul>		
<b>POLLUTION PREVENTION PLAN CERTIFICATION</b>		
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS HAVE BEEN READ BY ME OR MY DESIGNATED REPRESENTATIVE AND UNDERSTAND THAT THIS SYSTEM HAS BEEN PREPARED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.		
OWNER: _____		
SIGNED: _____		
NAME AND TITLE: _____		
DEPARTMENT: _____		
ADDRESS: _____		
DATE: _____		
<b>CONTRACTOR'S CERTIFICATION</b>		
I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.		
SIGNATURE	FOR	RESPONSIBLE FOR
NAME: _____	COMPANY: _____	GENERAL CONTRACTOR
TITLE: _____	ADDRESS: _____	
DATE: _____	PHONE: _____	
NAME: _____	COMPANY: _____	TEMPORARY AND PERMANENT STABILIZATION
TITLE: _____	ADDRESS: _____	
DATE: _____	PHONE: _____	
NAME: _____	COMPANY: _____	STABILIZED CONSTRUCTION ENTRANCE, EARTH DIKES, SEDIMENT BASIN
TITLE: _____	ADDRESS: _____	
DATE: _____	PHONE: _____	

**STORMWATER POLLUTION PREVENTION PLANS**

**George F. Young, Inc.**

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NEW ELEMENTARY SCHOOL  
PASCO COUNTY, FLORIDA  
DESIGN DOCUMENTS**

Comm. No: 14066.00  
Date: 12/23/14  
Drawn: ALH  
Revised:

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

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