FINAL DEVELOPMENT P FOR:

THE GOLF PLA

CITY OF ALACHUA

SECTION 27, 28, TOWNSHIP 8 SOUTH, RANGE 19 EAST

SUBMITTED TO:

CITY OF ALACAUA SUWANNEE RIVER WATER MANAGEMENT DISTRICT **FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**



PLANS			GENERAL NO
	1. DEVELOPMENT DATA:	PROPOSED DEVELOPMENT	6. RESIDENTIAL PROTECTION STANDARDS
	TOTAL SITE AREA = TOTAL IMPERVIOUS AREA = OPEN SPACE =	359,272 S.F. 100.0% 8.25 ACRES 103,426 S.F. 28.8% 255,846 S.F. 71.2%	(1) HOURS OF OPERATION AND DELIVERIES. PROJECT HAVE NORMAL HOURS OF OPERATION AS 7:00AM DELIVERIES MADE BY ANY VEHICLE WITH A GROSS WEIGHT RATING GREATER THAN 22,000 POUNDS S
	DESCRIPTION: THE PROPOSED GOLF COMMERCIAL BUILDINGS AND THE A IMPROVEMENTS AND UTILITIES.	PLAZA PROJECT WILL CONSIST OF THREE ASSOCIATED PARKING, STORMWATER	(MONDAY THROUGH FRIDAY) AND 7:00FM ON WE (MONDAY THROUGH FRIDAY) AND TO BETWEEN 8:0 6:00PM ON WEEKEND DAYS (SATURDAY AND SUND (2) ACTIVITIES THAT GENERATE POTENTIAL ADVERSE THERE ARE NO ACTIVITIES PROPOSED WITH POTEN
	ZONING & LAND USE DESIGNATION: ZONING = PLANNED UNIT DEVELOPI FUTURE LAND USE = COMMERCIAL	MENT (PUD)	EFFECTS. (3) PLACEMENT OF TRASH RECEPTACLES. DUMPSTER I HAVE BEEN PLACED TO NOT CAUSE A VISIBLE DIST NEARBY RESIDENTS. DUMPSTER ENCLOSURE IS GRE 150' AWAY FROM ANY RESIDENTIAL AREAS.
	2. MINIMUM BUILDING / YARD SETBACKS PER <u>PRIMARY BUILDING</u> FRONT:	PUD ZONING ARE AS FOLLOWS:	(4) LOADING AND DELIVERY AREA. LOADING AREAS H PLACED BEHIND THE PROPOSED BUILDINGS. LOADI SCREENED FROM VIEW BY THE 50' WETLAND BUFFE SOUTH.
	SIDE: REAR: MINIMUM LOT AREA: MINIMUM LOT WIDTH:	0 0 0	(5) LIGHTING. REFER TO LIGHTING AND PHOTOMETRIC LOCATION AND INTENSITY OF LIGHTS. LIGHTS WIL DURING HOURS OF OPERATION AND UTILIZE FULL FIXTURES.
	MAX BUILDING HEIGHT: MAX LOT COVERAGE:	0 0	(6) PLACEMENT OF OUTDOOR MACHINES AND ACTIVI OUTDOOR MACHINES OR ACTIVITIES ARE PROPOSE TIME.
	3. PARKING CALCULATIONS:		(7) ADDITIONAL LANDSCAPING AND BUFFERING TO M
	REQUIRED PARKING SPACES		ADVERSE IMPACTS. PROVIDE ADEQUATE BUFFER FROM RESIDENTIAL A MINIMUM 50' WETLAND BUFFER TO THE SOUTH IS BUFFER TO MITIGATE ADVERSE IMPACTS
	RETAIL (1 SPACE PER 305 SF OF FLOOR SPACE	E) = 14,198 SF / 305 SF = <u>47 REQUIRED SPACES</u>	(8) HEIGHT RESTRICTIONS. THE MAXIMUM BUILDING F
т	OFFICE (1 SPACE PER 330 SF OF FLOOR SPACE	E) = 7,500 SF / 330 SF = <u>23 REQUIRED SPACES</u>	(9) PRESERVATION OF NATURAL LIGHTING AND SOLA PROJECT DOES NOT PROPOSE ANY NATURAL LIGHT
	RESTAURANT (1 SPACE PER 150 SF OF FLOOR	SPACE) = 3,330 SF / 150 SF = <u>22 REQUIRED SPACES</u>	ACCESS RESTRICTIONS. (10) VENTILATION AND CONTROL OF ODORS AND FU
	TOTAL REQUIRED SPACES = <u>92</u> TOTAL PARKING SPACES PROVIDED = 115		VENTILATION AND CONTROL OF ODORS AND FUM PROVIDED WITHIN THE BUILDING'S HVAC SYSTEM.

- ACCESSIBLE PARKING REQUIRED SPACES = 5 (101 TO 150 PARKING SPACES) ACCESSIBLE PARKING SPACES PROVIDED = 6 REQUIRED BICYCLE PARKING 1 SPACE PER 10 REQUIRED PARKING SPACE) = 92 SPACES / 10 = 9 REQUIRED SPACES BICYCLE PARKING SPACES PROVIDED: 12 4. DATE OF BOUNDARY SURVEY: A BOUNDARY AND TOPOGRAPHIC SURVEY WAS COMPLETED BY CHW AND DATED APRIL 15, 2019. 5. UTILITIES: -POTABLE WATER SERVICE WILL BE TIED INTO THE EXISTING 12" WM LOCATED ON THE NORTH SIDE OF THE PROJECT WITHIN THE US 441 ROW. -SANITARY SEWER SERVICE WILL BE TIED INTO THE EXISTING 8" SANITARY SEWER MAIN
- LOCATED ON THE NORTH SIDE OF THE PROJECT WITHIN THE US 441 ROW. -ELECTRIC SERVICE WILL BE PROVIDED FROM EXISTING CITY OF ALACHUA ELECTRIC LOCATED ON THE NORTH SIDE OF THE PROJECT WITHIN THE US 441 ROW.





SHEET NUMBER C0.00 C0.10 C0.11 1 - 3 OF 3 C0.20 С0.21 - С0.22 C0.30 - C0.31 C1.10 - C1.11 C1.20 C2.10 - C2.11 C2.30 C3.10 LS-1 LS-2 - LS-3 IR-1 - IR-2 E-1 - E-4 A110, A120, A130 A210, A220, A230 1-800-432-4770

AL NOTES

3

MANAGEMENT PRACTICES.

AREA AND PROPOSED IMPROVEMENTS.

- RIES. PROJECT SITE SHALL NAS 7:00AM TO 10:00PM. ITH A GROSS VEHICLE 00 POUNDS SHALL BE OOPM ON WEEK DAYS BETWEEN 8:00AM AND AY AND SUNDAY). TIAL ADVERSE IMPACTS.
- WITH POTENTIAL ADVERSE DUMPSTER ENCLOSURES VISIBLE DISTURBANCE TO OSURE IS GREATER THAN
- DING AREAS HAVE BEEN DINGS, I OADING AREAS ARE ETLAND BUFFER TO THE
- PHOTOMETRIC PLANS FOR S. LIGHTS WILL BE UTILIZED UTILIZE FULL CUT-OFF
- <u>S AND ACTIVITIES.</u> NO ARE PROPOSED AT THIS FFERING TO MITIGATE AS BEEN PROPOSED TO
- ESIDENTIAL AREAS. THE SOUTH IS ALSO USED AS JM BUILDING HEIGHT
- <u>NG AND SOLAR ACCESS.</u> THIS ATURAL LIGHTING OR SOLAR
- DORS AND FUMES. ORS AND FUMES WILL BE (11) PAVING AND PARKING AREAS. DUST CONTROL WILL BE ONTROLLED BY WATERING TRUCKS OR OTHER BEST
- (12) PLACEMENT OR CONFIGURATION OF SITE DESIGN. PROPOSED SITE DESIGN CONFIGURATION HAS BEEN SELECTED TO PROVIDE MINIMAL ADVERSE IMPACTS TO THE NEIGHBORING RESIDENTIAL AREAS. A DENSE BUFFER IS EXISTING BETWEEN THE RESIDENTIAL

7. DRAINAGE: THE PROJECT PROPOSES TWO NEW STORMWATER MANAGEMENT FACILITIES (SMF-1 AND SMF-2) TO ACCOMODATE THE PROPOSED CONSTRUCTION. THE SMFs WILL DISCHARGE TO THE TURKEY CREEK TRIBUTARY TO THE SOUTH OF THE PROJECT.

- 8. NATURAL FEATURES:
- TOPOGRAPHY WILL SLOPE FROM NORTH TO SOUTH WITH TURKEY CREEK RUNNING THROUGH THE SOUTH PORTION OF THE SITE. 9. CONCURRENCY IMPACT ANALYSIS:
- SUBMITTED UNDER SEPARATE COVER
- 10. LEGAL DESCRIPTION: (PREPARED BY THIS OFFICE, PROJECT NUMBER 04-446.01, DATED FEBRUARY 20TH, 2006)

A PARCEL OF LAND LYING IN SECTIONS 27 & 28, TOWNSHIP 8 SOUTH, RANGE 19 EAST, CITY OF ALACHUA, ALACHUA COUNTY, FLORIDA. BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 4"x4" CONCRETE MONUMENT (C&E INC. LB 5075) AT THE NORTHWEST CORNER OF DRY CREEK, AS RECORDED IN PLAT BOOK 'L', PAGE 23, PUBLIC RECORDS OF ALACHUA COUNTY, ELORIDA, SAID MONUMENT BEING ON EASTERLY LINE OF TURKEY CREEK BOULEVARD. AS RECORDED IN OFFICIAL RECORDS BOOK 1116. PAGE 479. OF SAID PUBLIC RECORDS, AND BEING ON A CURVE CONCAVE EASTERLY, HAVING A RADIUS OF 2395.00 FEET; THENCE NORTHEASTERLY ALONG THE ARC OF SAID CURVE AND ALONG THE SAID EASTERLY LINE, AN ARC DISTANCE OF 418.27 FEET, THROUGH AN ARC ANGLE OF 10'00'23", SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF NORTH 10'54'58" EAST, 417.74 FEET TO A 4"x4" CONCRETE MONUMENT (C&E INC. LB 5075) AT THE POINT OF TANGENCY; THENCE CONTINUE ALONG THE SAID EASTERLY LINE NORTH 15'55'10" EAST, A DISTANCE OF 275.00 FEET TO A 4"x4" CONCRETE MONUMENT (C&E INC. LB 5075) AND THE POINT OF CURVATURE OF A TANGENT CURVE. CONCAVE WESTERLY. HAVING A RADIUS OF 1505.00 FEET: THENCE NORTHERLY ALONG THE ARC OF SAID CURVE AND ALONG THE SAID EASTERLY LINE. AN ARC DISTANCE OF 204.56 FEET. THROUGH AN ARC ANGLE OF 07'47'16", SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF NORTH 12'01'32" EAST, 204.40 FEET TO A 4"x4" CONCRETE MONUMENT (C&E INC. LB 5075) AND THE POINT OF BEGINNING; THENCE DEPARTING SAID EASTERLY LINE SOUTH 70'29'10" EAST, A DISTANCE OF 53.18 FEET; THENCE SOUTH 80'58'19" EAST. A DISTANCE OF 38.89 FEET: THENCE NORTH 66'40'39" EAST. A DISTANCE OF 41.37 FEET: THENCE SOUTH 75'58'56" EAST. A DISTANCE OF 201.48 FEET: THENCE SOUTH 86'38'04" EAST, A DISTANCE OF 73.08 FEET; THENCE SOUTH 75'12'45" EAST, A DISTANCE OF 92.13 FEET; THENCE SOUTH 48'00'43" EAST, A DISTANCE OF 226.21 FEET; THENCE SOUTH 66'59'53" EAST, A DISTANCE OF 153.48 FEET; THENCE SOUTH 55'34'30" EAST. A DISTANCE OF 261.01 FEET TO THE EASTERLY LINE OF THE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 2288. PAGE 2230 OF SAID PUBLIC RECORDS: THENCE NORTH 12'25'50" EAST. ALONG THE SAID EASTERLY LINE. A DISTANCE O 332.40 FEET TO A 4"x4" CONCRETE MONUMENT (C&E INC. LB 5075) ON THE SOUTHERLY RIGHT OF WAY LINE OF U.S. HIGHWAY No. 441 (A 200' RIGHT OF WAY) SAID POINT AT THE NORTHEAST CORNER OF THE LANDS DESCRIBED IN OFFICIAL RECORDS. BOOK 2288. PAGE 2230 OF SAID PUBLIC RECORDS AND BEING ON A CURVE CONCAVE SOUTHWESTERLY. HAVING A RADIUS OF 5579.58 FEET; THENCE NORTHWESTERLY ALONG THE ARC OF SAID CURVE AND SOUTHERLY RIGHT OF WAY LINE, A DISTANCE OF 1143.57 FEET, THROUGH AN ARC ANGLE OF 11'44'35", SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF NORTH 63'22'57" WEST 1141 57 FEFT TO A 4"x4" CONCRETE MONUMENT (C&F INC. LR 5075) AT THE REGINNING OF A CURVE CONCAVE SOUTHEASTERLY. HAVING A RADIUS OF 745.00 FEET: THENCE SOUTHERLY ALONG THE ARC OF SAID CURVE AND AFOREMENTIONED EASTERLY LINE OF TURKEY CREEK BOULEVARD, A DISTANCE OF 160.54 FEET, THROUGH AN ARC ANGLE OF 12'20'48", SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 12'10'34" WEST, 160.23 FEET TO A 4"x4" CONCRETE MONUMENT (C&E INC. LB 5075); THENCE SOUTH 06'00'10" WEST. ALONG SAID EASTERLY LINE. A DISTANCE OF 182.00 FEET TO A 4"x4" CONCRETE MONUMENT (C&E INC. LB 5075) AT THE BEGINNING OF A TANGENT CURVE CONCAVE WESTERLY, HAVING A RADIUS OF 1505.00 FEET; THENCE SOUTHERLY ALONG THE ARC OF SAID CURVE AND SAID EASTERLY LINE, A DISTANCE OF 55.92 FEET, THROUGH AN ARC ANGLE OF 2°07'45", SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 07°04'02" W, 55.92 FEET TO THE POINT OF BEGINNING.

CONTAINING 8.25 ACRES, MORE OR LESS.

DEVELOPER/OWNER

MR. USMAN MAZHARRANA NATURE VALLEY HARVEST, LTD 632 TURKEY CREEK

ALACHUA, FL 32615

SURVEYOR OF RECORD

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DESCRIPTION	
COVER SHEET AND INDEX	
GENERAL NOTES	
LEGEND	
BOUNDARY AND TOPOGRAPHIC SURVEY	
STORMWATER POLLUTION PREVENTION PLAN NOTES	
STORMWATER POLLUTION PREVENTION PLAN	
DEMOLITION AND TREE PROTECTION PLAN	
DETAILED HORIZONTAL CONTROL AND SITE PLAN	
ACCESSIBLE SITE PLAN AND DETAILS	
DETAILED GRADING AND DRAINAGE PLAN	
CONSTRUCTION DETAILS	
DETAILED UTILITY PLAN	
LANDSCAPE NOTES	
LANDSCAPE PLAN	
IRRIGATION DIAGRAM	
PHOTOMETRIC PLAN	
ARCHITECTURAL FLOOR AND ROOF PLANS	
ARCHITECTURAL EXTERIOR ELEVATIONS	



C0.00

11801 Research Drive Alachua, Florida 32615 (352) 331-1976 www.chw-inc.com est. 1988 **FLORIDA** CA-5075



Call before you dig.

			GENERAL NOTES
	1		THE TOPOGRAPHIC AND EXISTING INFORMATION SHOWN HEREON WERE TAKEN FROM A TOPOGRAPHIC SURVEY PREPARED BY CHW, AND DATED APRIL 15, 2019.
	2	2.	THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. THE RESPECTIVE UTILITY COMPANIES SHALL RELOCATE ALL UTILITIES THAT INTERFERE WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING THE RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.
A	3	3.	THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE APPROPRIATE UTILITY COMPANIES IN ORDER TO ALLOW MARKING OF THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES IN ADVANCE OF CONSTRUCTION BY CALLING THE FLORIDA SUNSHINE STATE ONE-CALL CENTER, INC. AT 1-800-432-4770 OR 811. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY "SUNSHINE" 48 HOURS PRIOR TO ANY CLEARING OF CONSTRUCTION TO IDENTIFY ALL UTILITY LOCATIONS. NO CONSTRUCTION ACTIVITY MAY OCCUR UNTIL THE UTILITIES HAVE BEEN PROPERLY MARKED.
	2	4.	THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL LOCATION AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE PROJECT ENVELOPE SHOWN PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CALL ALL UTILITY COMPANIES TO HAVE THE LOCATIONS OF ALL UTILITIES FIELD MARKED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONTINUING CONSTRUCTION.
	4	5.	THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
	ė	5.	ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
	7	7.	ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK INCLUDING LANDSCAPING.
	٤	8.	IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY AND/OR MUNICIPALITY INSTRUCTIONS.
	9	9.	IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.
	1	0.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL GOVERNMENTAL AGENCIES AND WATER MANAGEMENT DISTRICT PER CURRENT REGULATIONS AT THE SOLE COST OF THE CONTRACTOR.
	1	1.	CONTRACTOR TO REVIEW GEOTECHNICAL REPORT AND BORINGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED CONSTRUCTION TECHNIQUES.
В	1	2.	THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SERVICES OF AN APPROVED TESTING LABORATORY AND/OR SOILS ENGINEER, APPLICABLE REGULATORY AGENCIES, AND AS MAY BE FOUND IN THE ENGINEERING CONSTRUCTION DRAWINGS OR SPECIFICATIONS. CONTRACTOR TO VERIFY ALL TESTING WITH THE OWNER PRIOR TO COMMENCING CONSTRUCTION. UPON COMPLETION OF THE WORK, THE TESTING LABORATORY AND/OR SOILS ENGINEER MUST SUBMIT TO THE OWNER'S ENGINEER CERTIFICATIONS STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
	I	3.	INSTALL SILT FENCE PRIOR TO SITE DEMOLITION OR NEW SITE CONSTRUCTION. INSTALL SILT FENCE PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL AND PROVIDE TOE-IN. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE PROJECT SILT FENCE SHALL BE INSPECTED DAILY AND ANY CORRECTIVE MEASURES SHALL BE COMPLETED WITHIN 24 HOURS.
	1	4.	THE CONTRACTOR IS TO PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
	1	5.	ALL DELETERIOUS MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER'S ENGINEER OR OWNER'S SOIL TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED AND REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE AREAS.
	1	6.	CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS SHALL BE SODDED, SEEDED, MULCHED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL, AS DIRECTED BY THESE PLANS, IMMEDIATELY FOLLOWING CONSTRUCTION PER LOCAL INSPECTOR.
	1	7.	WORK BEING PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON THE SITE BY OTHER CONTRACTORS AND/OR UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES.
	1	8.	ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
	,	9.	THE GOVERNING STANDARDS AND SPECIFICATIONS, UNLESS STATED OTHERWISE SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS (FY 2018-19 ROAD CONSTRUCTION), AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 2018, AS AMENDED BY CONTRACT DOCUMENTS. ALL MATERIALS AND METHODS SHALL MEET FDOT SPECIFICATIONS AND SHALL BE PRODUCED OR OBTAINED FROM AN FDOT APPROVED SOURCE.
	2	20.	ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.
С	2	21.	ALL STRIPING WITHIN THE FDOT RIGHT OF WAY SHALL BE PLACED FIRST AS TEMPORARY STRIPING FOLLOWED BY APPLICATION OF THERMOPLASTIC STRIPING 30 DAYS LATER.
	2	22.	CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER BENCHMARKS ON-SITE. EXISTING BENCH MARKS SCHEDULED FOR REMOVAL SHALL BE RELOCATED AT CONTRACTORS EXPENSE AND RE-ESTABLISHED BY A LICENSED SURVEYOR.
	6	23.	ALL HANDICAP RAMPS SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE AND AMERICANS WITH DISABILITIES ACT.
	I Notes.d	24.	A PRE-CONSTRUCTION CONFERENCE SHALL BE REQUIRED. THE CONTRACTOR, ENGINEER OF RECORD, AND THE OWNER SHALL MEET WITH THE FDOT AND/OR CITY OF ALACHUA PUBLIC SERVICE DEPARTMENT PRIOR TO INITIATION OF SITE CONSTRUCTION.
	0 Genera	25. 26.	ANY CHANGE ORDER REQUESTS, SITE REVISIONS, AND PAY REQUESTS MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING AS NEEDED THROUGHOUT ALL CONSTRUCTION ACTIVITIES COVERED BY THESE PLANS.
	Files\C0.1	27.	DEWATERING SHALL BE DONE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, 2018 EDITION, SECTION 120. THE CONTRACTOR IS RESPONSIBLE FOR THE PERFORMANCE AND COST OF ALL CLEARING AND GRUBBING AND ALL WORK OF REMOVAL, DISPOSAL,
	Production		AND REPAIR OR REPLACEMENT OF EXISTING IMPROVEMENTS WHERE SHOWN IN THE PLANS, OR ORDERED BY THE ENGINEER TO BE REMOVED, OR WHERE REQUIRED BECAUSE OF THE CONSTRUCTION OPERATIONS, IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS (THIS INCLUDES BUT IS NOT LIMITED TO PROPOSED PIPING, STRUCTURES, UTILITIES, PAVING, CURBING, ETC.).
	name: N:\2018\18-0431\Engineering\DWGs	28.	AN AS-BUILT SURVEY MAY BE REQUIRED BY REGULATORY AGENCIES. CONTRACTOR TO COORDINATE WITH PROJECT OWNER FOR COMPLETION OF AS-BUILT SURVEYS PRIOR TO PROJECT / PERMIT CLOSE-OUT.
D	01am File		
	,2019 11:1		MAINTENANCE OF TOAFFIC (MOTO NOTES
	: Nov 21	. T	IVERALINE CIVATING OF AND ACTIVITIES INCLUDING BUT NOT LIMITED TO SUPERALITY WORK AND ACTIVITIES THAT DESURE A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR CONSTRUCTION ACTIVITY THAT OCCURS WITHIN THE CONTRACTOR IS RESPONSIBLE FOR CREATING A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR CONSTRUCTION ACTIVITY THAT OCCURS WITHIN THE PUBLIC PICTURE OF WAX, INCLUDING BUT NOT LIMITED TO SUPERALITY WORK AND ACTIVITY THAT PROVIDE A LIMITED TO SUPERALITY WORK AND ACTIVITY
	g Plot Date:	I HE COI CER ANI	E PUBLIC RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO SIDEWALK WORK AND ACTIVITIES THAT REQUIRE A LANE (OR ROAD) CLOSURE, SUCH AS NNECTION TO SEWER MANHOLES AND WATER MAINS. THE MOT PLAN MUST BE CREATED BY A REGISTERED PROFESSIONAL ENGINEER WHO IS RTIFIED TO DO SO BY THE FDOT MOT CERTIFICATION TRAINING. THE MOT PLAN MUST ALSO BE IN ACCORDANCE WITH FDOT STANDARDS PLANS D FDOT STANDARD SPECIFICATIONS REQUIREMENTS AND MUST BE REVIEWED AND APPROVED BY THE FDOT.
	ch: bryan <u>;</u> 1	2. 7 NO	THE CONTRACTOR SHALL SUBMIT THE MOT TO THE APPROPRIATE REGULATORY AUTHORITY PRIOR TO WORK REQUIRING THE MOT FOR APPROVAL. WORK IN THE ROW SHALL OCCUR UNTIL THE MOT IS APPROVED.

DEMOLITION GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLITION MATERIALS IN A SAFE AND LAWFUL MANNER. THE CONTRACTOR SHALL SALVAGE TO THE OWNER ANY ITEM AS DETERMINED BY THE OWNER. ONCE DEMOLISHED, MATERIAL SHALL BE DISPOSED OF PROPERLY AND IMMEDIATELY.

2. REMOVE ALL IMPROVEMENTS DEFINED ON THE DEMOLITION PLAN. SALVAGE ITEMS TO OWNER AS DEFINED BY THE OWNER'S REPRESENTATIVE AND CONSTRUCTION DOCUMENT SPECIFICATIONS.

3. EXISTING PAVEMENT AND SIDEWALK EDGES THAT BORDER NEW CONSTRUCTION OR DEMOLITION ARE TO BE SAW-CUT TO PROVIDE A SMOOTH TRANSITION.

4. ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED.

5. ROOTS LARGER THAN 1 INCH IN DIAMETER ON TREES TO BE PRESERVED THAT ARE ENCOUNTERED DURING CONSTRUCTION MUST BE CUT CLEANLY AND COVERED OVER WITH SOIL BY THE END OF THE WORKING DAY.

6. ALL ASPHALT AND LIMEROCK WILL BE COMPLETELY REMOVED FROM AREAS THAT WILL BE LANDSCAPED. IN PARTICULAR, AREAS WHERE ASPHALT WILL BE REMOVED MUST HAVE THE TOP HARD SURFACE, LIMEROCK, AND COMPACTED SOIL REMOVED. REPLACEMENT SOIL SHALL BE CLEAN DEEP FILL OF PH 5.5 - 6.5. THE DEPTH OF UNCOMPACTED SOIL PRIOR TO PLANTING MUST BE AT LEAST 3 FEET TO ACCOMMODATE FUTURE TREE ROOT GROWTH. NO LIMEROCK, LARGE STONES, OR OTHER CONSTRUCTION DEBRIS CAN REMAIN IN AREAS TO BE LANDSCAPED.

PAVING, GRADING, AND DRAINAGE GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON-SITE EROSION/SEDIMENTATION AND TO PROTECT AGAINST DAMAGE TO OFF SITE PROPERTY. THE FOLLOWING PRACTICES SHALL BE EMPLOYED:

A. EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF-SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL TO PREVENT OFF-SITE DISCHARGE OF SEDIMENTS. A SILT BARRIER SHALL SPECIFICALLY BE REQUIRED, CONSTRUCTED, AND MAINTAINED AS INDICATED ON THIS SHEET. TEMPORARY SEED AND MULCH SHOULD BE USED TO CONTROL ON-SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. SOD SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES STEEPER THAN 5 (FT) HORIZONTAL TO 1 (FT) VERTICAL. SOD SHALL BE PINNED AS REQUIRED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE CONTRACTOR SHALL INSPECT AND REPAIR AS NECESSARY THE EROSION/SEDIMENTATION PROTECTION AT THE END OF EACH WORKING DAY.

NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.

B. ALL INLET STRUCTURES AND PIPE SHALL BE PROTECTED FROM SILTATION BY CONSTRUCTING INLET PROTECTION AS DEFINED BY THESE PLANS OR IN THE FDOT STANDARDS. IF SILTATION OCCURS, THE CONTRACTOR IS RESPONSIBLE TO REMOVE SILTATION AS PART OF THE BASE CONTRACT AT NO ADDITIONAL COST TO THE OWNER.

C. EXCAVATED STORMWATER FACILITIES SHALL BE CONSTRUCTED AS PART OF THE INITIAL CONSTRUCTION. THE FACILITIES SHALL BE ROUGH GRADED TO THE DESIGN ELEVATIONS. AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED. THE FACILITIES BOTTOM SHALL BE OVER-EXCAVATED BY SIX INCHES, SCARIFIED, BACKFILLED WITH ARCHER FILL (HAVING NO MORE THAN 5% PASSING NO. 200 SIEVE), AND GRADED TO FINAL DESIGN GRADES. EXCESS AND UNSUITABLE SOILS SHALL BE REMOVED FROM THE BASIN (REMOVE ALL ACCUMULATED SILTS, CLAYS, ORGANIC, AND DEBRIS). FINALLY, SCARIFY AND RAKE BOTTOM AND VEGETATE.

D. PERMANENT VEGETATIVE STABILIZATION SHALL BE APPLIED ON FINE GRADED SITES AS SOON AS PRACTICAL. TEMPORARY SEEDING SHOULD BE EMPLOYED TO PREVENT EXPOSURE OF BARREN SOILS UNTIL PERMANENT VEGETATION CAN BE APPLIED.

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

F. EROSION, SEDIMENT AND TURBIDITY CONTROL ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DELINEATED MEASURES ARE THE MINIMUM REQUIRED, WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATION.

G. ALL SYNTHETIC BALES, SILT FENCE, AND OTHER EROSION CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

2. THE CONTRACTOR SHALL MAINTAIN IN HIS POSSESSION A COPY OF THE WATER MANAGEMENT DISTRICT CONSTRUCTION PERMIT. HE SHALL BE RESPONSIBLE FOR ADHERENCE TO ALL CONDITIONS CONTAINED IN THE PERMIT.

3. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.

4. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM

5. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.

6. GENERAL CONTRACTOR TO CONTACT ENGINEER OF RECORD AND THE OWNER REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO BACKFILLING TRENCHES FOR FIELD INSPECTION AND PRIOR TO LAYING ASPHALT FOR FIELD INSPECTION.

7. CONTRACTOR IS TO SUBMIT FDOT APPROVED ASPHALT DESIGN MIXES TO THE OWNER'S REPRESENTATIVE AND ENGINEER OF RECORD BEFORE ANY WORK IS TO COMMENCE ON PROJECT. THE MIXTURE AT THE PLANT OR ON THE ROAD SHALL NOT EXCEED 335 DEGREES. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND PROVIDE TEMPERATURE READINGS PRIOR TO LAYING ASPHALT.

8. AS DETERMINED NECESSARY AND DIRECTED BY CITY OF ALACHUA PUBLIC SERVICES OR ENGINEER OF RECORD, THE CONTRACTOR SHALL UNDERCUT ALL UNSUITABLE MATERIAL 24 INCHES BELOW THE BOTTOM OF ANY PROPOSED LIMEROCK BASE, AND SHALL BACKFILL WITH FILL MATERIAL MEETING FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SEE FDOT INDEX 120-001 AND 120-002.

9. PROVIDE LEVEL PLATFORM IN FRONT OF ALL EGRESS DOORS. THE FLOOR SURFACE ON BOTH SIDES OF A DOOR SHALL BE AT THE SAME ELEVATION. THE FLOOR SURFACE OR LANDING ON EACH SIDE OF THE DOOR SHALL EXTEND FROM THE DOOR IN THE CLOSED POSITION A DISTANCE EQUAL TO THE DOOR WIDTH AND SHALL COMPLY WITH SECTION 4.13.6 MANEUVERING CLEARANCES AT DOORS OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.

10. RAMPS SHALL HAVE LEVEL LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP RUN. CURB RAMPS ARE NOT REQUIRED TO HAVE LANDINGS. LANDINGS SHALL HAVE THE FOLLOWING FEATURES:

A. THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

B. ALL LANDINGS ON RAMPS SHALL BE NOT LESS THAN 60" CLEAR, AND THE BOTTOM OF EACH RAMP SHALL HAVE NOT LESS THAN 72" OF STRAIGHT AND LEVEL CLEARANCE.

C. IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60"X60". IF A RAMP RUN HAS A RISE GREATER THAN 6" OR A HORIZONTAL PROJECTION GREATER THAN 72" THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS. HANDRAILS SHALL BE SHOWN ON THE SITE PLAN.

11. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTRUCTION MATERIALS IN AREAS DESIGNATED BY THE OWNER.

12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING RECORD DRAWINGS AS NOTED IN NOTE #29 UNDER SITE GENERAL NOTES.

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

14. ALL WELLS, CLEANOUTS, MANHOLE TOPS, PULL BOX COVERS AND OTHER UTILITY APPURTENANCES IN THE AREA OF REDEVELOPMENT SHALL BE PROTECTED AND TOPS ADJUSTED TO MATCH PROPOSED GRADES.

15. CONTRACTOR SHALL SAW CUT, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS ANY EXISTING PAVEMENT. 16. SOD SHALL BE PLACED AROUND ALL STRUCTURES AS DIRECTED BY THE FDOT INDEX 524-001 AND FDOT INDEX 425- AND 430- SERIES AS

APPROPRIATE. ALL OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.

17. ALL STORM SEWER CURB AND DITCH BOTTOM INLETS SHALL CONFORM TO THE APPLICABLE FDOT INDEX. ALL DRAINAGE STRUCTURES WITH GRATES THAT ARE LOCATED IN GRASSED AREAS SHALL HAVE THE GRATE CHAINED TO THE STRUCTURE USING AN EYE BOLT AND CHAIN.

18. ALL CONCRETE STRUCTURES SHALL HAVE ALL EXPOSED EDGES CHAMFERED 3/4" AND CLASS I SURFACE FINISH.

19. ALL HDPE FITTINGS AND CONNECTORS SHALL BE WATER TIGHT. SEE SPECIFICATIONS FOR MORE INFORMATION.

20. COMPACTION OF ALL MATERIALS SHALL BE LIMITED TO STATIC MODE ONLY, UNLESS DIRECTED OTHERWISE BY THE ENGINEER OF RECORD.

21. ALL RCP PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 430.

1. MATERIALS AND CONSTRUCTION METHODS FOR WATER AND WASTEWATER SYSTEMS SHALL BE IN ACCORDANCE WITH CITY OF ALACHUA, DEPARTMENT OF PUBLIC SERVICES, REQUIREMENTS FOR DESIGN AND CONSTRUCTION, POTABLE WATER, RECLAIMED WATER AND WASTEWATER. APPROVAL AND CONSTRUCTION OF ALL UTILITY EXTENSIONS AND CONNECTIONS MUST BE COORDINATED THROUGH THE REGULATORY AGENCY DEPARTMENT FOR PUBLIC UTILITIES.

2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES TO DISCONNECT OR REMOVE THEIR FACILITIES PRIOR TO REMOVING OR DEMOLISHING ANY EXISTING STRUCTURES FROM THE SITE.

4. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.

5. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATION TEST ON GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES US THE CONTRACTOR'S RESPONSIBILITY.

6. ALL FORCE MAINS SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.

7. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.

8. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN SIX FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND GRAVITY OR PRESSURE WASTEWATER MAINS. WASTEWATER FORCE MAINS. AND RECLAIMED WATER MAINS NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. A HORIZONTAL SEPARATION OF TEN FEET PREFERRED, BUT NO LESS THAN THREE FEET, SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND VACUUM WASTEWATER MAINS. A HORIZONTAL SEPARATION OF THREE FEET SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND STORM SEWERS, STORMWATER FORCE MAINS, AND RECLAIMED WATER MAINS REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

9. WHEN POTABLE WATER MAINS CROSS OTHER PIPES, THE TWO PIPES SHALL HAVE JOINTS A MINIMUM OF SIX FEET FROM THE CROSSING. WHEN POTABLE WATER MAINS CROSS UNDERNEATH OTHER PIPES, THE MINIMUM VERTICAL SEPARATION IS TWELVE INCHES. WHEN POTABLE WATER MAINS CROSS ABOVE PRESSURE WASTEWATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, THE MINIMUM VERTICAL SEPARATION IS TWELVE INCHES. WHEN POTABLE WATER MAINS CROSS ABOVE GRAVITY AND VACUUM WASTEWATER MAINS, STORM SEWERS, AND STORMWATER FORCE MAINS, THE PREFERRED VERTICAL SEPARATION IS TWELVE INCHES AND THE THE MINIMUM VERTICAL SEPARATION IS SIX INCHES.

THE NEW WATER SERVICE LINE.

14. ALL SANITARY SEWER SERVICE LATERALS SHALL BE 4" PVC SDR 35 OR 6" PVC SDR 35 WITH A CLEAN-OUT LOCATED PER THE PLANS. MINIMUM SLOPE FOR 4" LATERALS SHALL BE 1.0% AND A MINIMUM CLEANOUT SPACING OF 75 FEET ON-CENTER AND MINIMUM SLOPE FOR 6" LATERALS SHALL BE 0.6% AND A MINIMUM CLEANOUT SPACING OF 100 FEET ON-CENTER.

15. PUBLIC UTILITY EASEMENTS WILL BE PROVIDED AS REQUIRED FOR ALL UTILITIES SHOWN HEREON BY METES AND BOUND DESCRIPTION AND IN ACCORDANCE WITH THE REGULATORY AGENCY DEPARTMENT FOR PUBLIC UTILITIES.

2. ELECTRIC DESIGN PROVIDED BY BILL STORMANT.

C. FDOT DESIGN MANUAL (2019)

SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS THE ENGINEER/ PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAT THE DEPARTMENT'S MINIMUM STANDARD BE ALLOWED.

2. ALL TRAFFIC STRIPING AND MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.

3. THE CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY UTILITY FIELD LOCATION AND RELOCATION AS REQUIRED.

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

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

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

13. THE SITE WORK CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED UNDERGROUND UTILITY AND EXCAVATION CONTRACTOR TO INSTALL

ELECTRIC SERVICE GENERAL NOTES

1. ALL ELECTRICAL UTILITIES AND INFORMATION SHOWN ON THE CIVIL PLANS ARE FOR LOCATION AND COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL PLANS BY OTHERS FOR THE ELECTRICAL DESIGN AND DETAILS.

FDOT GENERAL NOTES

1. ALL WORK PERFORMED WITHIN THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY SHALL CONFORM TO THE FOLLOWING:

A. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JULY 2019).

B. FDOT STANDARD PLANS (FY 2019-2020 ROAD CONSTRUCTION)

D. FDOT FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION

3. REMOVAL OF EXISTING STRIPING SHALL BE ACCOMPLISHED USING THE "HYDRO-BLAST" METHOD.

4. ALL CURB AND GUTTER AND SIDEWALK WILL BE REMOVED AND REPLACED JOINT TO JOINT.

5. ALL DISTURBED AREA WITH THE DEPARTMENT OF TRANSPORTATION RIGHT OF WAY WILL RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING THE AREA DISTURBED (BERMUDA IN RURAL, CENTIPEDE IN UTILITY STRIPS).

	11801 Research Drive Alachua, Florida 32615 (352) 331-1976 www.chw-inc.com est. 1988 FLORIDA CA-5075							
	Professional Consultants							
SCALE:	N/A		VERIFY SCALE BAR IS ONE INCH ON	ORIGINAL DRAWING	- - -	IF NOT ONE INCH ON	THIS SHEET, ADJUST SCALES ACCORDINGLY.	
CONSTRUCTION/BID REVISIONS:								
SUBMITTALS:	06/27/19 - CITY OF ALACHUA, SRWMD, & FDOT		10/17/19 - CITY OF ALACHUA, FDOT 10/28/19 - FDOT & SRWMD	11/07/19 - CITY OF ALACHUA RESUBMITTAL	11/21/19 - 100% CONSTRUCTION DOCUMENTS			
CLIENT:	NATURAL VALLEY HARVEST LTD		PROJECT:			SHEET TITLE:	GENERAL NOTES	
TECHNICIAN:	B. GILLESPIE	DESIGNER:	D. YOUNG, P.E.	QUALITY CONTROL:	R WAIPOLE PE		PROJECT NUMBER: 18-0431	
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	ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	ОС ОНW	ON CENTER OVERHEAD WIRE
	ARCH	ARCHITECT	ORB	OFFICIAL RECORDS BOOK
	ARV	AIR RELEASE VALVE	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
	ASTM	MATERIALS		
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		С	RPZ	REDUCED PRESSURE ZONE
	CATV	CABLE TELEVISION	RT BM/M	RIGHT RECLAIMED WATER MAIN
	CIP	CAST IRON PIPE	R/W	RIGHT-OF-WAY
	СМР	CORRUGATED METAL PIPE		-
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	FC	FRICTION COURSE	W	WEST
	FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL	W	WATER
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·	RIGHT-OF-WAY LINE
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	EX. STRUCTURE OR BUILDING
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BELOW ARE DRAWN PER FDOT PLAN SHEETS. ATER MAIN TORMWATER MAIN (PIPE LENGTHS ARE

OF A STRUCTURE TO N-E LOCATION OF NHOLE

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N-E LOCATION PIPE INV. ELEV. LOCATION

B INLET TOP PER FDOT INDEX NO. OR BOTTOM SPECIFICATION)

PROPOSED TYPE 2 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)

TOP ELEV. LOCATION PROPOSED TYPE 3 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)

TOP ELEV. LOCATION PROPOSED TYPE 4 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)

N-E LOCATION TOP ELEV. LOCATION N-E LOCATION N-E LOCATION PROPOSED TYPE 5 CURB INLET TOP PER FDOT INDEX NO. 425-021 (SEE PLANS FOR BOTTOM SPECIFICATION)

PROPOSED TYPE 6 CURB INLET TOTAL CALL FOR THE AUGUST AND A SPECIFICATION A 225-021 (SEE PLANS FOR BOTTOM SPECIFICATION)

PROPOSED TYPE 9 CURB INLET TOP PER FDOT INDEX NO. 425-024 (SEE PLANS FOR BOTTOM SPECIFICATION)

N-E LOCATION TOP/GRATE ELEV. LOCATION INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)

PROPOSED TYPE 'D' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)

N-E LOCATION TOP/GRATE ELEV. LOCATION TOP/GRATE ELEV. LOCATION NDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)

PROPOSED TYPE 'F' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR BOTTOM SPECIFICATION)

TOP/GRATE ELEV. LOCATION PROPOSED TYPE 'G' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR BOTTOM SPECIFICATION)

N-E LOCATION TOP/GRATE ELEV. LOCATION PROPOSED TYPE 'H' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)

> , PROPOSED TYPE 'J' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-054 (SEE PLANS FOR BOTTOM SPECIFICATION)

PROPOSED U-TYPE CONCRETE ENDWALLS WITH GRATES PER

PROPOSED FLARED END SECTION PER FDOT INDEX NO. 430-020 (SEE PLANS FOR SIZE)

> PROPOSED CROSS DRAIN MITERED END SECTION PER FDOT INDEX NO. 430-021 (SEE PLANS FOR SIZE)

PROPOSED SIDE DRAIN MITERED END SECTION PER FDOT INDEX NO. 430-022 (SEE PLANS FOR SIZE)

TER STRUCTURE ID TAG

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NOTES: 1. THIS LEGEND IS ALL INCLUSIVE AND MAY INCLUDE ITEMS NOT A PART OF THIS PLAN SET.

2. SYMBOLS SHOWN ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. UNLESS NOTED OTHERWISE, SYMBOLS IN THESE PLANS MAY NOT BE REPRESENTATIVE OF SIZE.

DANIEL H. YOUNG FL PE No. 70780 SHEET NO .: **C0.11**

FLORIDA CA-5075















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HEET NO.

2 OF 3



- . BEARINGS SHOWN HEREON ARE REFERRED TO A VALUE OF NORTH 12°25'50" EAST FOR THE EASTERLY BOUNDARY LINE OF THE SUBJECT PARCEL. SAID BEARING BEING IDENTICAL WITH THE DESCRIPTION. FOR COMPARISON TO SPM, ROTATE DEED BEARINGS COUNTER-CLOCKWISE 00°28'51".
- BOUNDARY BASED ON PREVIOUS SURVEY PREPARED BY THIS OFFICE, PROJECT NUMBER 04-446.01, DATED FEBRUARY 20TH, 2006.
- NO UNDERGROUND INSTALLATION OF UTILITIES OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
- 4. THE SURVEYOR HAS NO KNOWLEDGE OF UNDERGROUND FOUNDATIONS WHICH MAY ENCROACH.
- INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY, AND OR OWNERSHIP WERE NOT FURNISHED TO THE SURVEYOR EXCEPT AS SHOWN. SEARCH OF THE PUBLIC RECORDS HAS NOT BEEN DONE BY THE SURVEYOR.
- INFORMATION FROM FEDERAL EMERGENCY MANAGEMENT AGENCY, (F.E.M.A.) FLOOD INSURANCE RATE MAP(S), SHOWN ON THIS MAP WAS CURRENT AS OF THE REFERENCED DATE. MAP REVISIONS AND AMENDMENTS ARE PERIODICALLY MADE BY LETTER AND MAY NOT BE REFLECTED ON THE MOST CURRENT MAP.
- FENCES, SYMBOLS, MONUMENTATION AND UTILITIES SHOWN HEREON MAY BE EXAGGERATED FOR PICTORIAL PURPOSES ONLY AND MAY NOT BE SHOWN TO SCALE.
- . IN THE OPINION OF THIS SURVEYOR, THE PERIMETER LINES AS SHOWN HEREON REPRESENT THE LOCATION OF THE BOUNDARY LINES OF THE SUBJECT PARCEL IN RELATION TO THE DESCRIPTION OF RECORD AND THOSE EXISTING LAND CORNERS FOUND TO BE ACCEPTABLE BY THIS SURVEYOR.
- . ELEVATIONS SHOWN HEREON ARE (NGVD 29) BASED ON FLORIDA DEPARTMENT OF TRANSPORTATION TBM 19 HAVING A PUBLISHED ELEVATION OF 52.248 METERS (171.417 FEET). FOR RELATION TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988), ADJUST ALL ELEVATIONS -0.79 FEET.
- 10. ADDITIONAL POINTS MAY BE FOUND BY TURNING ON THE SV-NODE LAYERS IN THE SUPPLIED DIGITAL FILE.
- 11. THIS SURVEY CONSIST OF THREE (3) SHEETS AND IS NOT COMPLETE WITHOUT ALL SHEETS. SEE SHEET ONE (1) FOR DETAILED BOUNDARY AND WETLAND INFORMATION. SEE SHEET TWO (2) AND THREE (3) FOR DETAILED IMPROVEMENTS AND TOPOGRAPHIC INFORMATION.



SANITARY SEWER MAN

E INV. = 151.34'(8" PVC) S INV. = 151.33'(8" PVC)

___W INV. = 151.20'(8" PVC)

	LINE DATA TABLE					
	LINE	DIRECTION	LENGTH			
	L1(DM)	S 70°42'14" E	53.28'			
	L1(SPM)	S 71°11'04" E	53.28'			
RD BEARING	L1(D)	S 70°29'10" E	53.18'			
3°24'01" W	L2(DM)	S 80°58'44" E	38.87'			
3°52'52" W	L2(SPM)	S 81°27'35" E	38.87'			
	L2(D)	S 80°58'19" E	38.89'			
3°22'57" W	L3(DM)	N 66°42'13" E	41.37'			
2°09'13" W	L3(SPM)	N 66°13'22" E	41.37'			
1°40'22" W	L3(D)	N 66°40'39" E	41.37'			
	L4(DM)	S 86°36'51" E	73.05'			
2°10'34" W	L4(SPM)	S 87°05'42" E	73.05'			
′°04'15" W	L4(D)	S 86°38'04" E	73.08'			
°35'25" W	L5(DM)	S 75°12'16" E	92.11'			
	L5(SPM)	S 75°41'07" E	92.11'			
′°04'02" W	1.5(D)	C 75°10'45" E	02 12			

$\mathbf{\nabla}$	= BENCHMARK
	UNLESS OTHERWISE NOTED = FOLIND NAIL AND DISK STAMPED "C&E INC. LB 5075"
	UNLESS OTHERWISE NOTED = SET 5/8" STEEL REBAR AND CAP MARKED "CHW INC LB 5075"
D	= FIRE HYDRANT
TB	= TELEPHONE JUNCTION BOX
G GV	= GAS LINE MARKER
\in	= GAS VALVE = GUY ANCHOR
Õ	= SIGN = DECORATIVE SHRUB
 A 	= TREE (SIZE AND TYPE AS NOTED)
ŝ	= SANITARY SEWER MANHOLE
ST T	= STORM SEWER MANHOLE = TELEPHONE LINE MARKER
te	= TELEPHONE PEDESTAL
\otimes	= WATER LINE MARKER = WOODEN POWER POLE
	= WATER VALVE = WATER METER
	= STORM INLET ohw = OVERHEAD WIRE
	ST = STORM SEWER LINE UGE = UNDERGROUND ELECTRIC LINE
	(G) — UNDERGROUND GAS LINE
/	155 = CONTOUR LINE
	= ASPHALT SURFACE
	CONCRETE SURFACE
(D) = D (MD) =	DATA BASED ON DESCRIPTION DATA BASED ON FIELD MEASUREMENTS
(SPM) = O.R.B.	= DATA BASED ON STATE PLANE MEASUREMENTS = OFFICIAL RECORDS BOOK
R/W = I NRE =	RIGHT OF WAY NORTH RIM ELEVATION = FEDERAL EMERGENCY MANAGEMENT AGENCY
NAVD : X 155.5	= NORTH AMERICAN VERTICAL DATUM 5 = SPOT ELEVATION (PERVIOUS SURFACE)
X 155.7 X WL 6	75 = SPOT ELEVATION (IMPERVIOUS SURFACE) 340 = WETLAND FLAG DESTINATION NUMBER
F.I.R.M LO = LI	. = FLOOD INSURANCE RATE MAP IVE OAK
LAO = V WO = V	LAUREL OAK VATER OAK
MAG = BO = B	MAGNOLIA BLUFF OAK
SC = S RO = R	WAMP CHESTNUT RED OAK
SG = S CAM =	WEETGUM CAMPHOR
INV = I RCP =	NVERT REINFORCED CONCRETE PIPE
PVC = CMP =	CORRUGATED METAL PIPE





SITE DESC OUNTY: CTION, TOWNSHIP, DUNTY PARCEL NO.: REET ADDRESS: OJECT AREA: TE LOCATION MAP: NATURE (THE PROPOSED DE UTILITY INFRASTR SITE TOTAL AREA SEQUENCE <u>DAYS</u> OMTO	RIPTION ALACHUA CO ALACHUA CO SECTION 28, 05900-004-00 11905 TURKE 8.25 ACRES SEE COVER SH OF CONSTRUCTION VELOPMENT IS THE CONSTRUCTION JCTURE AND RELATED IMPRO	UNTY, FLORIDA TOWNSHIP 8 SOUTH, RAN 11 — 05900-004-010 Y CREEK BOULEVARD, AL						
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. SEQUENCE 	IS AFFROXIMATELT 8.23 ACR	OVEMENTS. THE PROJEC RES.	T SITE IS LOCATED AT 1	1905 TURKEY CREEK	BOULEVARD, ALACHUA FI	LORIDA. THE PROJE		
<u>DATS</u> РОМТО	OF MAJOR SOI	L DISTURBING	ACTIVITIES -	CONTRACT	OR MUST FILL	IN DAYS		
	PRIOR TO CONSTRUCTION SWALE AND INLETS SF AND REVIEWER MANU	, SILT FENCING AND TRE ALL BE PROTECTED IN A AL, DATED JULY 2013, A	E PROTECTION FENCING CCORDANCE WITH THE S ND THESE PLANS.	SHALL BE INSTALLED STATE OF FLORIDA EI	AND ALL EXISTING STOR	M DRAINAGE ONTROL DESIGNER		
омто	. THE CONSTRUCTION SERV SEDIMENTS. ONLY THE AREA COMPRISE	ICE ENTRANCE SHALL BE	STABILIZED TO MINIMIZ	E THE CREATION OF I	DUST AND OFF-SITE TRAC	KING OF		
юмтот	VEGETATION. - THE PROPOSED STORMWA	TER MANAGEMENT FACIL	ITY(S) SHALL BE CONSTI	RUCTED.		or onwanted		
ОМТО	IF SUITABLE, THE EXCAVATED SOIL FROM THE FACILITY(S) MAY BE USED AS FILL FOR ON-SITE GRADING THAT IS DEPICTED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL ON-SITE OR OFF-SITE TO A PERMITTED							
ОМТО	LUCA HUN. THE REMAINING PORTION CLEARED AND CRUPP	OF THE SITE THAT IS TRI	ATED BY THE CONSTRU	CTED STORMWATER	MANAGEMENT FACILITY(S) SHALL BE		
ОМТО ОМТО	THE PERMANENT ROADWA	YS/DRIVEWAYS SHALL B TIES INFRASTRUCTURE A	E ROUGHLY GRADED. ND STORMWATER PIPINO	G SYSTEM SHALL BE IN	ISTALLED. ANY DE-WATE	RING (PUMPED)		
ОМТО	SHALL BE DIVERTED T	O THE ASSOCIATED STO Y/DRIVEWAY SUBGRADE	RMWATER MANAGEMENT SHALL BE COMPACTED,	T FACILITY(S). A LIMEROCK BASE SH	ALL BE ESTABLISHED, AN	D THEN		
ОМТО	FOLLOWED BY AN OVE UPON SIGNIFICANT COMPL	KLAY OF ASPHALT. ETION OF CONSTRUCTIC S AND SEDIMENT	N, THE STORMWATER PI	IPING SYSTEM SHALL	BE FLUSHED OUT TO REM	OVE		
ОМТО	UPON COMPLETION OF TH MANAGEMENT FACILI	E DEBRIS AND SEDIMENT FY(S) SHALL BE FINE GRAI	REMOVAL FROM THE ST DED AND SHALL BE EXCA	ORMWATER PIPING S	YSTEM, THE PROPOSED S F SIX INCHES BELOW THE	TORMWATER DESIGN BOTTOM		
	ELEVATION AND REPL PASSING THE NO. 200	ACED WITH FILL HAVING SIEVE. THE BOTTOM SH	A MINIMUM PERMEABILI ALL BE SCARIFIED AND S	TY RATE OF 20 FEET/	DAY WITH A MAXIMUM OF	F 5% SOIL FINES CE COMPLETED,		
ОМТО	NO HEAVY MACHINER	Y SHALL BE ALLOWED WI D AREAS WITHIN THE CO	THIN THE STORMWATER NSTRUCTION AREA SHAI	MANAGEMENT FACIL LL BE COMPLETELY GI	ITY(S). RASSED AND/OR LANDSC/	APED ACCORDING		
	BE PRESENT PRIOR TO	REMOVAL OF SILT FENC	NG AND OTHER EROSIO	N CONTROL APPLICA	TIONS.			
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			POST DEVELOPMENT					
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INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS. ALL EXISTING AND PROPOSED STORM DRAINS AND DRAINAGE SWALES SHALL BE PROTECTED ACCORDING TO THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, DATED JULY 2013 OR PER DETAILS PROVIDED ON SHEET CO.21 UNTIL CONSTRUCTION IS COMPLETE. THE STORM PIPE CONVEYANCE SYSTEM SHALL BE FLUSHED OUT TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT UPON COMPLETION OF CONSTRUCTION.

AS SPECIFIED IN THE "SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES," THE SMF(S) WILL BE CONSTRUCTED PRIOR TO CLEARING AND GRUBBING OUTSIDE OF THE SMF(S) AREAS AND CONSTRUCTION OF THE PERMANENT PAVED AREAS. THE TOTAL CONTRIBUTING DRAINAGE AREA TO THE STORMWATER MANAGEMENT SYSTEM IS APPROXIMATELY 3.44 ACRES AND WILL CONSIST OF APPROXIMATELY 3.44 ACRES OF DISTURBED CONSTRUCTION AREA. THEREFORE, NO ADDITIONAL SEDIMENT TRAP BASINS ARE NECESSARY TO PROVIDE SEDIMENT STORAGE ON-SITE DURING CONSTRUCTION. AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN (C0.21), THE PROPOSED STORMWATER MANAGEMENT SYSTEM WILL PREVENT OFF-SITE EROSION DURING CONSTRUCTION. SILT FENCES OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATION, OUTLET LOCATIONS, AND OTHER LOCATIONS AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN, AS REQUIRED. BY COMPLETION OF CONSTRUCTION, THE SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS.

D. DRAINAGE LOCATIONS THAT SERVE AREAS WITH MORE THAN 10 DISTURBED ACRES

NOT APPLICABLE, SEE SECTION C, ABOVE.

V. STORMWATER MANAGEMENT

A. BEST MANAGEMENT PRACTICES

AFTER CONSTRUCTION, THE STORMWATER MANAGEMENT SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH THE SPECIFIED STORMWATER MAINTENANCE NOTES IN THE INCLUDED CONSTRUCTION DRAWINGS AND/OR RESPECTIVE MAINTENANCE REPORTS. SPECIFICALLY, THE PROPOSED SMF(S) SHALL BE MOWED REGULARLY IN THE SPECIFIED AREAS, STORM PIPES AND STRUCTURES WILL BE INSPECTED SEMI-ANNUALLY AND CLEANED ANNUALLY, SMF(S) SIDE SLOPES SHALL BE MAINTAINED TO PREVENT EROSION, AND LANDSCAPING AND GRASS THAT PREVENTS EROSION SHALL BE MAINTAINED. ADDITIONALLY, REMEDIAL ACTIONS SHALL BE TAKEN SHOULD THE SMF(S) NOT PERFORM AS DESIGNED.

B. VEGETATED SWALES

WHEN VEGETATED SWALES ARE UTILIZED, SILT FENCING OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT ADEQUATE INTERVALS TO COLLECT SEDIMENT ALONG THE SWALE. THE SEDIMENT SHALL BE REMOVED WHEN SEDIMENT REACHES ONE-THIRD OF THE HEIGHT OF THE SILT FENCING. SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS AND LOCATIONS, AS REQUIRED.

C. VELOCITY DISSIPATION DEVICES AT DISCHARGE POINTS

WHEN DISCHARGE POINTS ARE NOT LOCATED UNDER WATER, RIP RAP PADS HAVE BEEN PROVIDED AT LOCATIONS WHERE NECESSARY DUE TO ANTICIPATED DISCHARGE VELOCITIES. PLEASE SEE THE CONSTRUCTION PLANS FOR DETAILS AND LOCATIONS, AS NEEDED.

VI. CONTROLS FOR OTHER POTENTIAL POLLUTANTS

A. WASTE DISPOSAL

THE CONTRACTOR SHALL PROVIDE LITTER COLLECTION CONTAINERS WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION. CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIALS AND CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS.

B. DUST CONTROL

TO PREVENT OFF-SITE VEHICULAR TRACKING OF SEDIMENTS AND DUST GENERATION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE ESTABLISHED BY THE SITE CONTRACTOR. PLEASE SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS AND LOCATION(S).

C. EXISTING VERSUS PROPOSED POTABLE AND SANITARY SEWER SYSTEMS

EXTENSION AND UPGRADES ARE PROPOSED. IF TEMPORARY SANITARY SYSTEMS ARE UTILIZED DURING CONSTRUCTION, THE CONTRACTOR SHALL PROPERLY CONTROL AND DISCHARGE ANY SANITARY WASTE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

D. FERTILIZER & PESTICIDES

THE USE OF FERTILIZERS, HERBICIDES, AND PESTICIDES ON THE PROJECT SITE, WILL BE DIRECTED BY THE LANDSCAPE PLAN AND THE FDOT STANDARD SPECIFICATIONS SECTION 570. TO SUPPORT THE GROWTH OF THE PROPOSED VEGETATION. ESTABLISHING THIS VEGETATION WILL AID IN THE STABILIZATION OF THE PROJECT SITE AND REDUCE EROSION. APPLICATION RATES FOR THE FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS TO GUARD AGAINST OVER-USE, WHICH CAN LEAD TO VIOLATIONS OF STATE WATER QUALITY STANDARDS.

E. TOXIC MATERIAL

THE CONSTRUCTION SITE WILL BE IN FULL COMPLIANCE WITH STATE AND FEDERAL REQUIREMENTS. A PLASTIC MAT, TAR PAPER, OR OTHER IMPERVIOUS MATERIAL SHALL BE PLACED UNDER AREAS WHERE TOXIC LIQUIDS ARE TO BE OPENED AND STORED.

F. HAZARDOUS MATERIALS

ALL HAZARDOUS MATERIALS SHALL BE STORED IN A SECURE LOCATION, UNDER COVER, AND IN APPROPRIATE TIGHTLY, SEALED CONTAINERS WHEN NOT IN USE. ALL PRODUCTS SHALL BE STORED IN AND USED FROM THE ORIGINAL CONTAINER WITH THE ORIGINAL PRODUCT LABEL. CONTAINERS MUST BE STORED IN A MANNER TO PROTECT THEM FROM THE ELEMENTS AND INCIDENTAL DAMAGE. THE MINIMUM PRACTICAL QUANTITY OF ALL SUCH MATERIALS SHALL BE KEPT ON THE JOB SITE AND SCHEDULED FOR DELIVERY AS CLOSE TO TIME OF USE AS PRACTICAL.

ALL PRODUCTS SHALL BE USED IN STRICT COMPLIANCE WITH THE INSTRUCTIONS ON THE PRODUCT LABEL.

SUFFICIENT EQUIPMENT AND/OR MATERIALS SHALL BE KEPT ONSITE TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIALS IN THE AREAS WHERE THESE MATERIALS ARE STORED OR USED. SPILL CONTROL AND CONTAINMENT KIT SUPPLIES SHALL BE OF SUFFICIENT QUANTITIES AND APPROPRIATE CONTENT TO CONTAIN A SPILL FROM THE LARGEST ANTICIPATED PIECE OF EQUIPMENT AND FROM THE LARGEST ANTICIPATED QUANTITIES OF PRODUCTS STORED ON THE SITE AT ANY GIVEN TIME.

CONTRACTOR TO CONTAIN AND CLEAN UP ANY SPILLS IMMEDIATELY AFTER THEY OCCUR. ANY SPILLS OF PETROLEUM PRODUCTS OR HAZARDOUS MATERIALS IN EXCESS OF REPORTABLE QUANTITIES AS DEFINED BY EPA, STATE, OR LOCAL AGENCY REGULATIONS SHALL BE REPORTED TO THE APPROPRIATE AGENCIES IN THE REQUIRED TIME FRAMES. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE OWNER IMMEDIATELY UPON IDENTIFICATION OF ANY SPILL

ALL EXCESS, USED, OR SPILLED PRODUCTS, INCLUDING CONTAMINATED SOIL, SHALL BE DISPOSED OF BY THE CONTRACTOR IN STRICT COMPLIANCE WITH INSTRUCTIONS ON THE PRODUCT LABEL AND ALL APPLICABLE REGULATIONS.

VII. APPROVED STATE AND LOCAL PLANS

THE CONSTRUCTION DRAWINGS FOR THE PROJECT WERE APPROVED AND PERMITTED BY THE FOLLOWING AGENCIES:

* CITY OF ALACHUA * SUWANNEE RIVER WATER MANAGEMENT DISTRICT * FLORIDA DEPARTMENT OF TRANSPORTATION * FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

VIII. CONSTRUCTION ACTIVITY DISCHARGES

IN ACCORDANCE WITH THIS PLAN. THERE ARE NO ANTICIPATED DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES.

IX. CHANGES TO THE POLLUTION PREVENTION PLAN

THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE AMENDED TO REFLECT ANY APPLICABLE CHANGE IN A STATE, REGIONAL, OR LOCAL PERMIT FOR WHICH THE PERMITTEE RECEIVES WRITTEN NOTICE. WHEN WRITTEN NOTICE IS RECEIVED. THE PERMITTEE SHALL PROVIDE A RE-CERTIFICATION OF THIS POLLUTION PREVENTION PLAN, WHICH HAS BEEN REVISED TO ADDRESS SUCH CHANGES. AMENDMENTS TO THE PLAN SHALL BE PREPARED, SIGNED, DATE, AND KEPT AS ATTACHMENTS TO THE

X. ALTERNATIVE PERMIT REQUIREMENTS

NO ALTERNATIVE PERMIT REQUIREMENTS ARE REQUESTED.

XI. MAINTENANCE

ORIGINAL PLAN.

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL CONTINUE THROUGHOUT THE PROJECT UNTIL WORK IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE. IN ADDITION TO THE TIMES MENTIONED IN THE PREVIOUS SECTIONS, THE CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING REPORTED. IN THE EVENT THAT THE SMF(S) DO NOT PERFORM PROPERLY OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED TO ASSIST IN COORDINATING REMEDIAL ACTION. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM SILT FENCING WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE SILT FENCE. UPON FINAL COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY BOTH THE CITY AND OWNER, THE OPERATION AND MAINTENANCE ENTITY WILL BE "NATURE VALLEY HARVEST, LTD".

XII. INSPECTIONS

THE CONTRACTOR SHALL INSPECT ALL POINTS OF POTENTIAL DISCHARGE FROM THE PROJECT SITE FOR ALL DISTURBED AREAS ON THE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. FOR POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE OR AN MS4. A OUALIFIED INSPECTOR (PROVIDED BY THE OPERATOR) SHALL PERFORM THE REOUIRED INSPECTIONS. THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE TO MONITOR AND DOCUMENT RAINFALL EVENTS 0.50 INCHES OR GREATER. LOCATIONS WHERE THE SITE IS COMPLETELY CONSTRUCTED AND STABILIZED, SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE A MONTH. ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION FORM. THE CONTRACTOR MAY USE THEIR OWN FORM (MEETING FDEP SWPPP REQUIREMENTS) OR A SAMPLE FORM FROM FDEP. A SAMPLE CONSTRUCTION FORM IS AVAILABLE AT: "HTTPS://FLORIDADEP.GOV/WATER/STORMWATER/DOCUMENTS/CONSTRUCTION-SWPPP". MORE SPECIFICALLY, THE INSPECTION SHALL ENSURE THE FOLLOWING CATEGORIES.

A. DISTURBED AREAS

ALL DISTURBED AREAS AND AREAS USED FOR MATERIAL STORAGE SHALL BE INSPECTED FOR POLLUTANTS ENTERING THE STORMWATER SYSTEM. THE STORMWATER MANAGEMENT SYSTEM AND EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO ENSURE THEY ARE OPERATING CORRECTLY. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

B. MAINTENANCE PERFORMANCE

BASED ON THE RESULTS OF THE INSPECTION, ALL MAINTENANCE OPERATIONS NEEDED TO ASSURE PROPER COMPLIANCE WITH THIS PLAN SHALL BE DONE IN A TIMELY MANNER, BUT IN NO CASE LATER THAN 7 DAYS FOLLOWING THE INSPECTION.

C. REPORTING REQUIREMENTS

ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION FORM. THIS FORM IS CREATED TO SUMMARIZE THE SCOPE OF THE INSPECTION, THE NAME(S) AND QUALIFICATION OF THE INSPECTOR(S), THE DATE OF INSPECTION, RAINFALL DATA, OBSERVATIONS, THE ACTIONS TAKEN TO CORRECT INCIDENTS OF NON-COMPLIANCE WITH THE PROVISIONS OF THIS PLAN. IF NO INCIDENTS OF NON-COMPLIANTS ARE OBSERVED, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE ASSOCIATED PERMIT.

XV. RETENTION OF RECORDS THE PERMITTEE SHALL RETAIN COPIES OF STORMWATER POLLUTION PREVENTION PLANS AND ALL REPORTS REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED. THE PERMITTEE SHALL RETAIN A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN AND ALL REPORTS, RECORDS, AND DOCUMENTATION REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE, OR AN APPROPRIATE ALTERNATIVE LOCATION AS SPECIFIED IN THE NOTICE OF INTENT, FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

XVI. NOTICE OF TERMINATION

- NOTICE OF TERMINATION:

- FI IMINATED.

THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION TO THE FOLLOWING ADDRESS:

2600 BLAIR STONE ROAD

XIII. NON-STORMWATER DISCHARGES

IN ADDITION TO STORMWATER RUNOFF, THIS PLAN APPLIES TO RUNOFF FROM IRRIGATION OPERATIONS AND CONSTRUCTION PRACTICES. THIS PLAN DOES NOT PERTAIN TO DISCHARGES FROM FIRE FIGHTING ACTIVITIES.

4

XIV. CONTRACTORS CERTIFICATION

THE CONTRACTORS OR SUB-CONTRACTORS SHALL PHOTOCOPY AND COMPLETE THE FORM ON THIS PAGE. IT SHALL BE PROVIDED TO THE OWNER AND KEPT ON FILE PURSUANT TO SECTION XV REGARDING PROJECT RECORDS.

WHERE A SITE HAS BEEN FINALLY STABILIZED AND ALL STORMWATER DISCHARGES AUTHORIZED BY THIS PERMIT ARE ELIMINATED, THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION (DEP FORM 62-621.300(6)), SIGNED IN ACCORDANCE WITH PART VII.C OF DEP DOCUMENT NO. 62-621.300(4)(a), WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE TO TERMINATE COVERAGE UNDER THIS PERMIT. 2. ELIMINATION OF STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MEANS THAT ALL DISTURBED SOILS AT THE SITE HAVE BEEN FINALLY STABILIZED AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME, OR THAT ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE THAT ARE AUTHORIZED BY THIS GENERIC PERMIT HAVE OTHERWISE BEEN

3. FOR CONSTRUCTION ACTIVITIES WHERE THE OPERATOR CHANGES, THE EXISTING OPERATOR SHALL FILE AN N.O.T. IN ACCORDANCE WITH THIS PART WITHIN 14 DAYS OF RELINOUISHING CONTROL OF THE PROJECT TO A NEW OPERATOR.

NPDES STORMWATER NOTICES CENTER, MS# 2510 FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

TALLAHASSEE, FLORIDA 32399-2400

PROJECTS THAT DISCHARGED STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) SHALL SUBMIT A COPY OF THE N.O.T. TO THE OPERATOR OF THE MS4.

Contractor/Subcontractor Certification Statement Stormwater Pollution Prevention Plan

Site Name: The Golf Plaza Site Location: Alachua County, Florida

DATE

THE CONTRACTOR(S) OR SUB-CONTRACTOR(S) RESPONSIBLE FOR COMPLYING WITH THIS STORMWATER POLLUTION PREVENTION PLAN SHALL SIGN THE CERTIFICATION STATEMENT BELOW. MULTIPLE TIFICATION STATEMENT MAY BE NECESSARY DEPENDING ON THE NUMBER OF SUB-CONTRACTORS ASSOCIATED WITH THE PROJE I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH. THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER

RESPONSIBLE INDIVIDUAL'S NAME	RESPONSIBLE INDIVIDUAL'S SIGNATURE	TITLE	COMPANY NAME, ADDRESS, AND PHONE NUMBER

Professional Consultants								
SCALE:	N/A		VERIFY SCALE BAR IS ONE INCH ON	ORIGINAL DRAWING	0	IF NOT ONE INCH ON	THIS SHEET, ADJUST	SCALES ACCORDINGLY.
CONSTRUCTION/BID REVISIONS:								
SUBMITTALS:	6/27/19 - CITY OF ALACHUA, SRWMD, & FDOT 8/08/19 - CITY OF ALACHUA, SRWMD, & FDOT 0/17/19 - CITY OF ALACHUA, FDOT 0/28/19 - FDOT & SRWMD 1/07/19 - CITY OF ALACHUA RESUBMITTAL 1/21/19 - 100% CONSTRUCTION DOCUMENTS							
CLIENT:	NATURAL VALLEY HARVEST LTD		PROJECT:	- THE GOLF PLAZA		SHEET TITLE:	STORMWATER POLLUTION	PREVENTION NOTES
ECHNICIAN:	B. GILLESPIE	DESIGNER:	D. YOUNG, P.E.	QUALITY CONTROL:		K. WALFULE, F.E.	PROJECT NUMBER:	18-0431

