FORTY SEVEN PROPERTIES SITE PLAN

SECTION 17, TOWNSHIP 4 SOUTH, RANGE 17 EAST LAKE CITY, COLUMBIA COUNTY, FLORIDA



I O C A TI O NI N A A P

LOC	/A	ON	<u>IVIAP</u>	
NI	OT TO) SCA	1F	

	DEVELOPMEN	NT INFORMATIO	JNI		
NEW/ W/AREHOUSE AND OFF			FILITES AND FENCED OUTDOOR STORAGE		
PARCEL NUMBER	17-45-17-08410-101	111170000171120 01	TETES AND TENOED COTDOOR STORAGE		
ZONING	ILW				
LAND USE	INDUSTRIAL				
ADDRESS	TBD S US HWY 441, LAKE	TBD S US HWY 441, LAKE CITY, FL			
PROPERTY AREA	SQUARE FEET ACRES % OF SITE				
PARCEL AREA	150718	3.46	100		
ON-SITE DISTURBANCE AREA	52533	1.21	34.86		
OFF-SITE DISTURBANCE AREA	0	0.00	-		
TOTAL DISTRUBANCE AREA	52533	1,21	34,86		
	TOTAL IMP	ERVIOUS AREA	`		
PROPOSED BUILDING	10000	0.23	6.63		
PROPOSED SIDEWALK & CONCRETE	616	0.01	0.41		
PROPOSED ASPHALT PARKING # DRIVEWAY	¹ 9 10496	0.24	6.96		
EXISTING PAVEMENT	566	0.01	0.38		
TOTAL IMPERVIOUS AREA	21678	0.50	14.38		
	LAND	SCAPING			
REQUIRED	PER SECTION 4.2.17.10, COLUMBIA COUNTY L.D.R. LANDSCAPING: 10% OF OFF-STREET PARKING (10496 SF) I TREE PER 200 SF OF LANDSCAPING 1050 S.F. LANDSCAPING \$ 5 TREES				
PROPOSED AREA	ROPOSED AREA 4995 S.F. \$ 7 TREES				
	PA	RKING			
REQUIRED SPACES	PER SECTION 4.1G.11, COLUMBIA COUNTY L.D.R. WAREHOUSE: ! PARKING SPACE PER GOOD S.F. OF FLOOR AREA 8000 / 6000 = ! PARKING SPACE PER SECTION 4.13.11, COLUMBIA COUNTY L.D.R. OFFICE: ! SPACE PER 200 S.F. OF FLOOR AREA 2000 / 200 = ! O PARKING SPACES TOTAL REQUIRED: !! PARKING SPACES INCLUDING! ADA SPACE				
ROPOSED SPACES 14 INCLUDING 1 HANDICAP SPACE					

NOTES

- 1. SITE PARCEL: 17-45-17-08410-101
- 2. FUTURE LAND USE: INDUSTRIAL
- 3. ZONING: ILW
- 4. SITE ADDRESS: TBD S US HWY 441, LAKE CITY, FL

OWNER:

FORTY SEVEN PROPERTIES, INC 796 SE CR 252 LAKE CITY, FL 32025 CONTACT: LARRY PERRY 386.397.6621 larry@capitalmetalsupply.com

CIVIL ENGINEER:

CAROL CHADWICK, P.E. 1208 S.W. FAIRFAX GLEN LAKE CITY, FL 32025 307.680.1772 ccpewyo@gmail.com

SURVEYOR:

BRITT SURVEYING \$ MAPPING, LLC 1438 SW MAIN BOULEVARD LAKE CITY, FL 32025 386.752.7163 lsbritt@msn.com

SHEET INDEX

- COVER SHEET
- NOTES, LEGEND & DETAILS
- OVERALL SITE PLAN
- SITE, DIMENSION & LANDSCAPE PLAN
- GRADING & STORM DRAIN PLAN





EROSION CONTROL NOTES

- I. EROSION AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL"
- 2. THE CONTRACTOR SHALL ADHERE TO THE FLORIDA DEPARTMENT OF TRANSPORTATION, WATER MANAGEMENT DISTRICT, COLUMBIA COUNTY AND OTHER GOVERNING
- AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS. 3. THE CONTRACTOR SHALL ADJUST AND REVISE CONTROL MEASURES SHOWN ON THESE PLANS TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED
- BY THE REVIEWING AGENCIES.
- 4. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- 5. EROSION AND SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
- ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION
- 7. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT FROM LEAVING PROJECT LIMITS.
- 8. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.
- 9. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT. 10. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.
- II. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS. GRANITE OR LIMESTONE RIPRAP IS REQUIRED. NO BROKEN CONCRETE WILL BE ACCEPTED.
- 12. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF HAY BALES OR SODDING.
- 13. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR
- PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN SEVEN DAYS. 14. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.
- 15. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS. 16. EXCESS DIRT SHALL BE REMOVED DAILY.
- 17. THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS.
- 18. QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND STRAW BALES, THE LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE, AND THE DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.25 INCHES OR GREATER.
- 19. SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.

ENGINEER'S NOTES

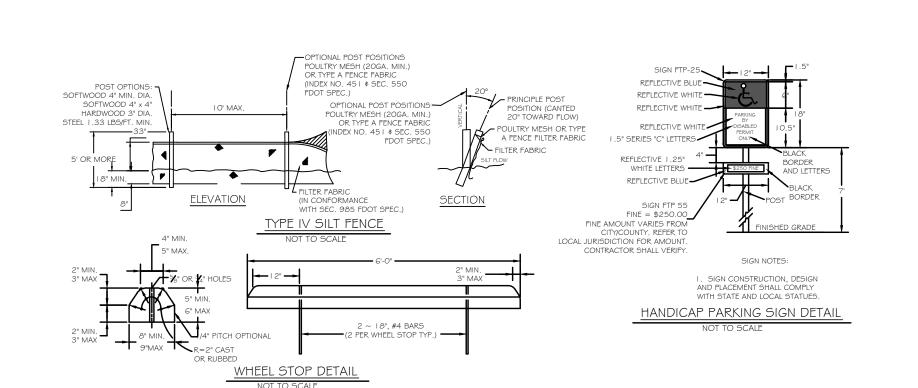
- I. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO CONSTRUCTION TO ENSURE THAT ALL WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SAID DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
- 2. ALL DISTURBED AREAS SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND SHORT-TERM VEGETATION. THE LONG-TERM VEGETATION SHALL BE APPLIED AT A MINIMUM RATE OF 70 POUNDS PER ACRE. THE SHORT-TERM VEGETATION SHALL BE APPLIED AT A MINIMUM RATE OF 20 POUNDS PER ACRE AND SHALL CONSIST OF WINTER RYE FROM SEPTEMBER. THROUGH MARCH OR MILLET FROM APRIL THROUGH AUGUST.
- 3. THE PERMITTEE/CONTRACTOR SHALL INSTITUTE NECESSARY MEASURES DURING CONSTRUCTION TO MINIMIZE EROSION, TURBIDITY, NUTRIENT LOADING, AND SEDIMENTATION TO
- ADJACENT LANDS AND IN THE RECEIVING WATER. 4. ALL GRADES MAY BE ADJUSTED IN THE FIELD A MAXIMUM OF SIX (6) INCHES AS LONG AS THE FLOW OF WATER IS NOT CHANGED.
- 5. WHERE DITCH MUST BE DEEPER THAN NORMAL TO ACCOMMODATE A PIPE, THE TRANSITION FROM NORMAL DITCH GRADE TO PIPE FLOW LINE SHALL BE A MINIMUM LENGTH OF 100
- 6. THE CONTRACTOR SHALL ADHERE TO THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION UNTIL THE AS-BUILTS ARE COMPLETED.
- 7. QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR SHALL VERIFY QUALITIES PRIOR TO BID AND CONSTRUCTION.
- 8. NO FILL SHALL BE PLACED ON EXISTING GROUND UNTIL THE GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL AND OTHER DELETERIOUS MATERIAL.

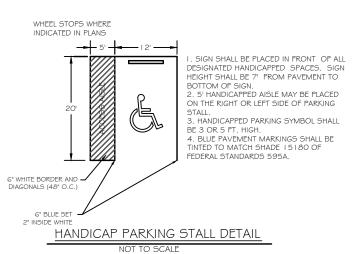
UNAUTHORIZED CHANGES AND USES CAUTION:

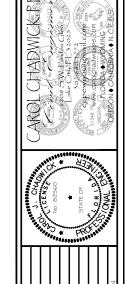
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE GOVERNING AGENCIES.

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR:

THE CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, HE/SHE WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL













NOTE: ALL UTILITY PROVIDERS

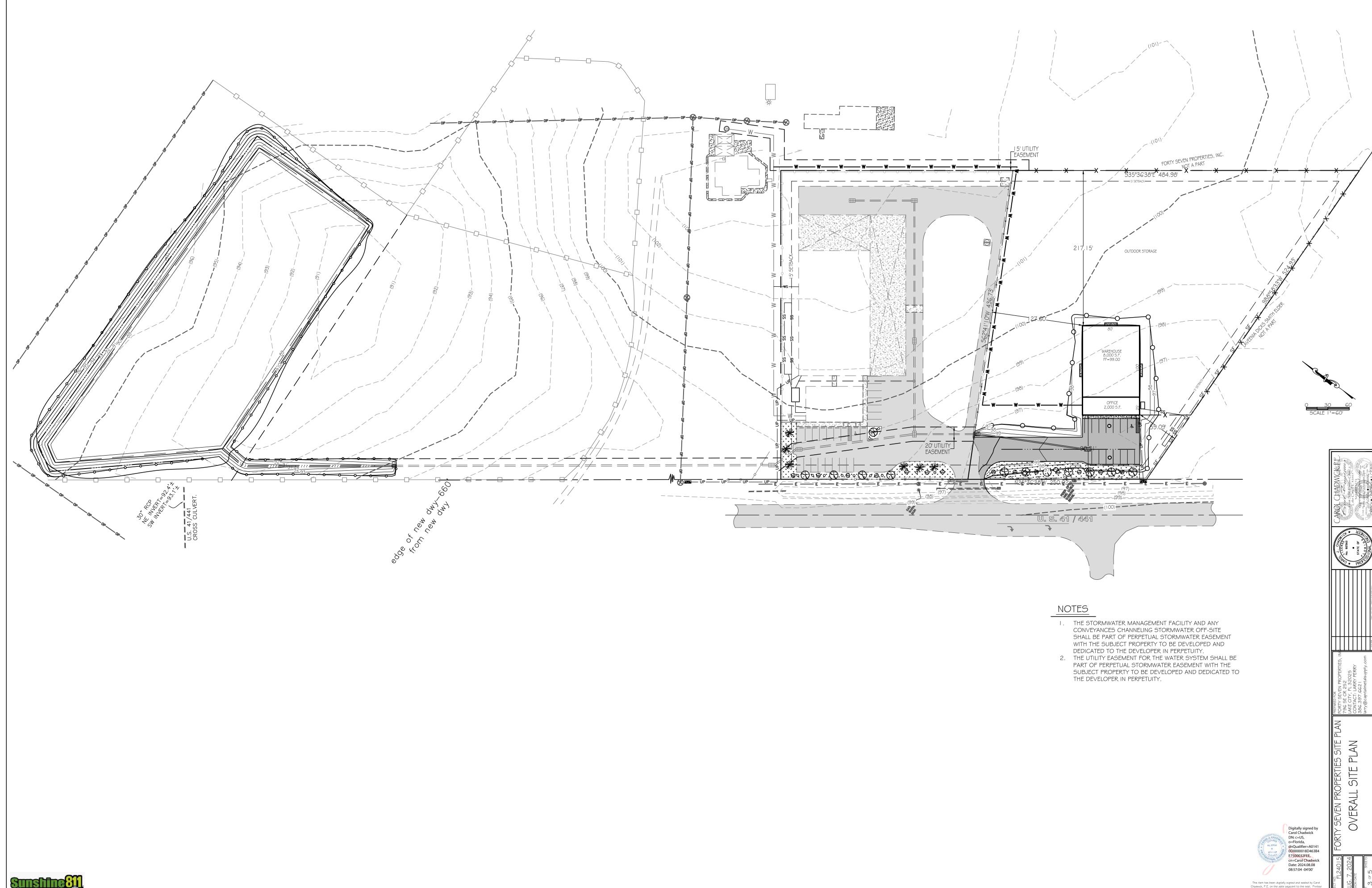
MUST BE CONTACTED PRIOR

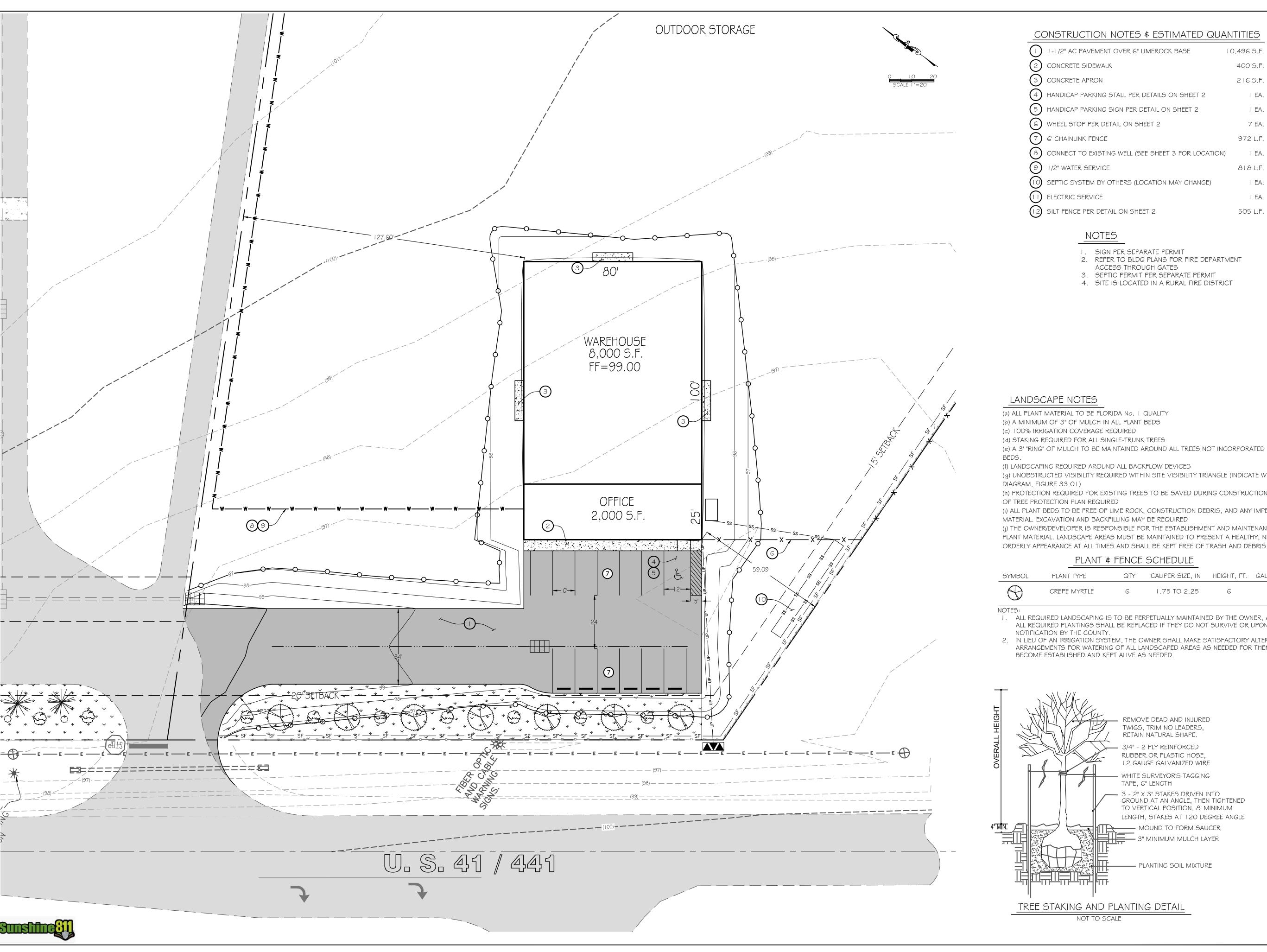
TO DIGGING IN ACCORDANCE

TO CHAPTER 556 "SUNSHINE

CALL 811 48 HOURS PRIOR

STATE ONE CALL"





CONSTRUCTION NOTES & ESTIMATED QUANTITIES

1-1/2" AC PAVEMENT OVER 6" LIMEROCK BASE	10,496 S.F
2 CONCRETE SIDEWALK	400 S.F
3 CONCRETE APRON	216 S.F
4 HANDICAP PARKING STALL PER DETAILS ON SHEET 2	I EA
5 HANDICAP PARKING SIGN PER DETAIL ON SHEET 2	I EA
6 WHEEL STOP PER DETAIL ON SHEET 2	7 EA
7 6' CHAINLINK FENCE	972 L.F
8 CONNECT TO EXISTING WELL (SEE SHEET 3 FOR LOCATION	I) I EA
9 1/2" WATER SERVICE	818 L.F
O SEPTIC SYSTEM BY OTHERS (LOCATION MAY CHANGE)	I EA
ELECTRIC SERVICE	I EA
_	

NOTES

- I. SIGN PER SEPARATE PERMIT
- 2. REFER TO BLDG PLANS FOR FIRE DEPARTMENT

505 L.F.

- ACCESS THROUGH GATES
- 3. SEPTIC PERMIT PER SEPARATE PERMIT 4. SITE IS LOCATED IN A RURAL FIRE DISTRICT

LANDSCAPE NOTES

(a) ALL PLANT MATERIAL TO BE FLORIDA No. I QUALITY

(b) A MINIMUM OF 3" OF MULCH IN ALL PLANT BEDS

(c) 100% IRRIGATION COVERAGE REQUIRED

(d) STAKING REQUIRED FOR ALL SINGLE-TRUNK TREES

(e) A 3' "RING" OF MULCH TO BE MAINTAINED AROUND ALL TREES NOT INCORPORATED IN PLANT

(f) LANDSCAPING REQUIRED AROUND ALL BACKFLOW DEVICES

(g) UNOBSTRUCTED VISIBILITY REQUIRED WITHIN SITE VISIBILITY TRIANGLE (INDICATE WITH DIAGRAM, FIGURE 33.01)

(h) PROTECTION REQUIRED FOR EXISTING TREES TO BE SAVED DURING CONSTRUCTION. DIAGRAM OF TREE PROTECTION PLAN REQUIRED

(1) ALL PLANT BEDS TO BE FREE OF LIME ROCK, CONSTRUCTION DEBRIS, AND ANY IMPERVIOUS

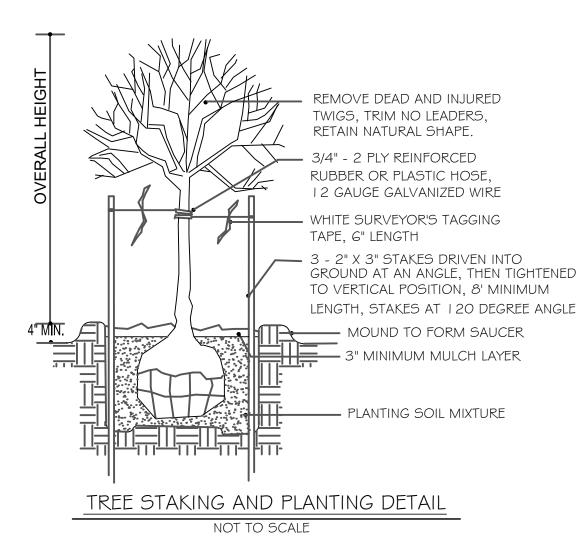
MATERIAL. EXCAVATION AND BACKFILLING MAY BE REQUIRED

(J) THE OWNER/DEVELOPER IS RESPONSIBLE FOR THE ESTABLISHMENT AND MAINTENANCE OF ALL PLANT MATERIAL. LANDSCAPE AREAS MUST BE MAINTAINED TO PRESENT A HEALTHY, NEAT AND

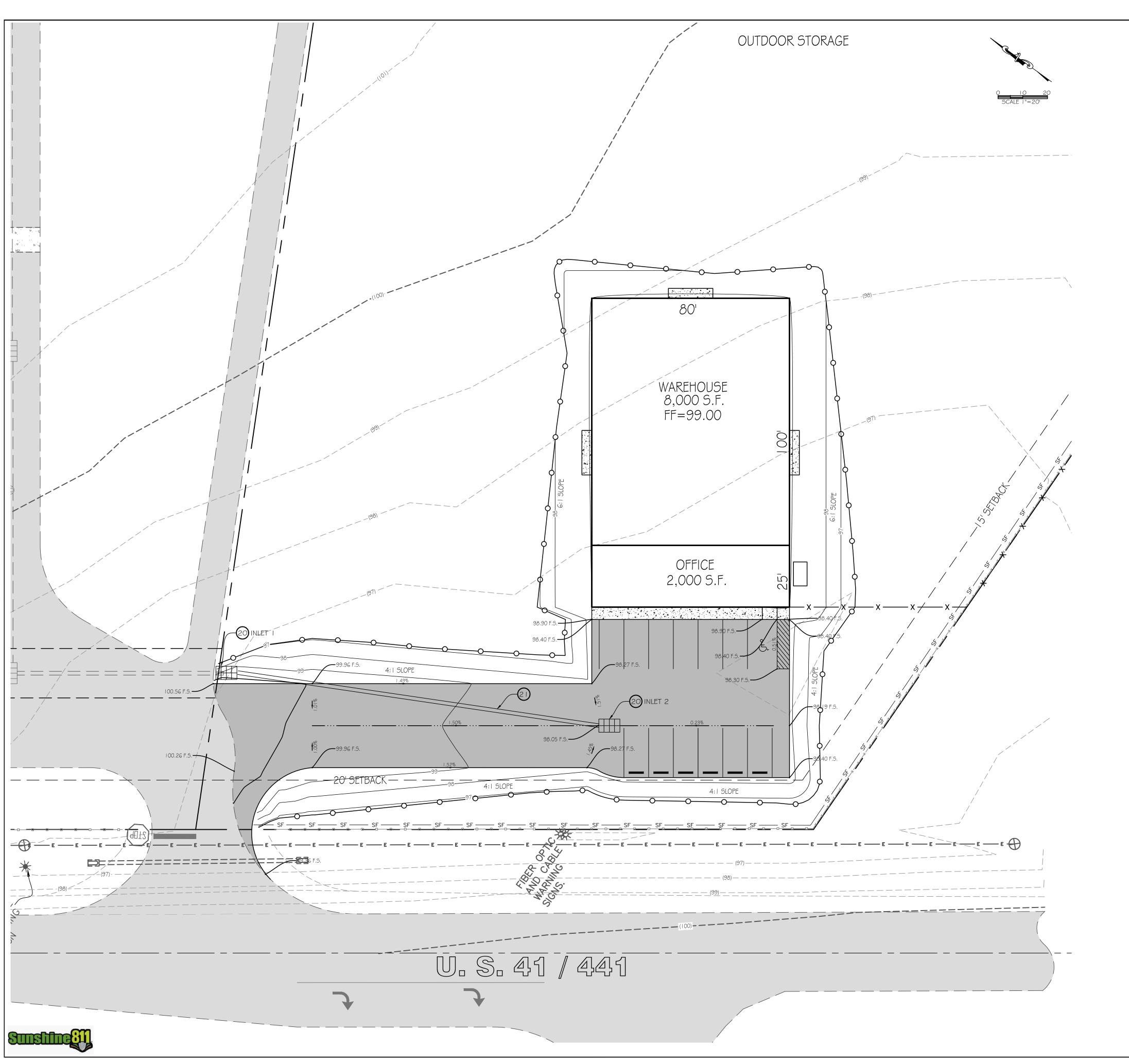
PLANT & FENCE SCHEDULE

SYMBOL	PLANT TYPE	PLANT TYPE QTY		HEIGHT, FT.	GALLONS	
\odot	CREPE MYRTLE	6	1.75 TO 2.25	6	15	

- I. ALL REQUIRED LANDSCAPING IS TO BE PERPETUALLY MAINTAINED BY THE OWNER, AND ALL REQUIRED PLANTINGS SHALL BE REPLACED IF THEY DO NOT SURVIVE OR UPON NOTIFICATION BY THE COUNTY.
- 2. IN LIEU OF AN IRRIGATION SYSTEM, THE OWNER SHALL MAKE SATISFACTORY ALTERNATE ARRANGEMENTS FOR WATERING OF ALL LANDSCAPED AREAS AS NEEDED FOR THEM TO BECOME ESTABLISHED AND KEPT ALIVE AS NEEDED.







CONSTRUCTION NOTES & ESTIMATED QUANTITIES

20 TYPE F INLET PER FDOT INDEX 425-053 21) 18" STORM PIPE 148 L.F.

STORM SYSTEM DESIGN						
STRUCTURE	lИЛ	TOP	DEPTH	LENGTH	SLOPE	SIZE, INCH
EX. 18" STORM PIPE	95.00					
INLET I	95.42	100.56	5.14			
PIPE I				148.00	0.50	18
INLET 2	96.16	98.05	1.89			

2 EA.

NOTE TO CONTRACTOR:

EXISTING STORM DRAIN INVERT AND LOCATION MUST BE VERIFIED PRIOR TO CONSTRUCTION. ENGINEER WILL MAKE ADJUSTMENTS AS NECESSARY TO ACCOMMODATE DISCREPANCIES.

