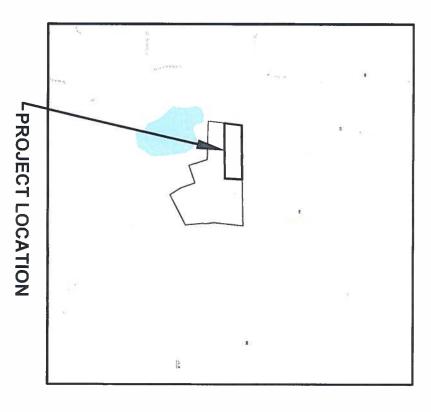


# **MORRELL'S WAREHOUSE / STORAGE** LAKE CITY, FL

SECTION 34, TOWNSHIP 3S, RANGE 16E



MISC. DETAILS

C-10 - C-11

### SHEET INDEX

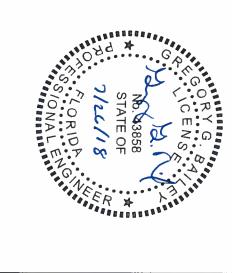
LANDSCAPE PLAN **GENERAL NOTES EROSION CONTROL** UTILITY PLAN **GRADING PLAN** SITE PLAN **OVERALL SITE PLAN** COVER SHEET **EROSION CONTROL** NOTES PLAN C-4 C-4 C-6 C-6 C-7



PLANS PREPARED FOR:

212 SW COTTAGE GLEN LAKE CITY, FL 32024 MORRELL'S INC.

(386) 365-7690





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	S	JOB NUMBER:	REVISIO		
ιņ	H	DESIGNED BY:	DRAFTED BY:	CHECKED BY:	
点	8	TH	JC	GB	
Ë	8	ENGINEER OF			
ó		GREGORY G,			
	) '	PF NO 4385	٩.		



1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO ENSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRACTOR SHALL NOTIFY THE ENGINEER AND COLUMBIA PRIOR TO PROCEEDING WITH THE WORK. COUNTY, FLORIDA (DEPARTMENT OF GROWTH MANAGEMENT) OF SUCH DIFFERENCES IMMEDIATELY AND

PERMIT, FLORIDA DEPARTMENT OF TRANSPORTATION DRIVEWAY CONNECTION PERMIT, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION DRINKING WATER FACILITY PERMIT, AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION DOMESTIC WASTEWATER COLLECTION/TRANSMISSION SYSTEM PERMIT. 2. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH BY THE ISSUED SUWANNEE RIVER WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE

3. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.

4. BOUNDARY INFORMATION SHOWN, WAS OBTAINED FROM A BOUNDARY SURVEY PREPARED BY KEEN ENGINEERING & SURVEYING, INC., FLORIDA CERTIFICATE NO. 3761.

DETERMINED FROM THE USGS QUADRANGLE MAP. THE BENCHMARKS NOTED IN THE PLANS WERE

6. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.

7. THE SITE IS LOCATED IN SECTION 34, TOWNSHIP 35, RANGE 16E, COLUMBIA COUNTY, FLORIDA.

OF THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO ANY EARTH DISTURBING ACTIVITIES. ALL COMPONENTS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL VEGETATION IS ESTABLISHED, THE ENTIRE PROJECT AREA IS STABILIZED AND THE OWNER HAS ACCEPTED OPERATION AND MAINTENANCE. THE CONTRACTOR SHALL IMPLEMENT ALL COMPONENTS

5. 9. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK OF CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS OF PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THOUGH AUGUST. THE MIX SHALL CONSIST OF 70 PER ACRE OF LONG-TERM SEED AND 50 PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THOUGH AUGUST. THE MIX SHALL CONSIST OF 70 PER ACRE OF MILLET.

10. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT AREAS.

13.CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL REQUIRED UTILITY CONNECTIONS PRIOR TO BIDDING. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS REQUIRED TO COMPLETE CONNECTION TO THE EXISTING UTILITIES. THIS INCLUDES BUT IS NOT LIMITED TO MANHOLE CORING, WET TAPS, PAVEMENT REPAIRS AND DIRECTIONAL BORING.

14. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT AREA.

SCALE: N.T.S.

PARKING APRON DETAIL

JOB NUMBER: L180702MOR

6" LIMEROCK BASE 8" STABILIZED SUBGRADE MINIMUM L.B.R. 30

½" TYPE SP 9.5 ASPHALT

15. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE

Date Plotted: July 25, 2018

11.ALL UTILITY CONSTRUCTION SHALL MEET COLUMBIA COUNTY WATER AND WASTEWATER UTILITY STANDARDS, AVAILABLE FROM CITY HALL OR PUBLIC WORKS.

12.ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.

File Location: X:\2018\L180702MOR\H.CADD\L180702MORgen\2 GEN01
Date Created: July 25, 2018 Date Last Saved: July 25, 2018

	FOR ALL PERMIT FEES.	AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE	19. IHE CON IRACTOR SHALL SUBMIT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTICE OF INTENT ALONG WITH SUPPORTING DOCUMENTATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	18. THE CONTRACTOR SHALL SUBMIT A NOTICE OF CONSTRUCTION COMMENCEMENT TO THE WATER MANAGEMENT DISTRICT AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION	48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.	17 THE CONTRACTOR SHALL NOTIFY THE COLINTY AT LEAST	MATERIAC, TO A TICK CIRCLE CHICAGO COLLEGE MATERIAC, TO A TICK CIRCLE CHICAGO COLLEGE MATERIAC CONSTRUCTION INTO	16.IF UNSUITABLE MATERIAL IS ENCOUNTERED DURING	STANDARDS UNLESS OTHERWISE NOTED.	SPECIFICATIONS, AND COLUMBIA COUNTY DEVELOPMENT	WITH THE F.D.O.T. STANDARD PLANS FOR ROAD AND BRIDGE
REQUIR	PROPO	REQUIR		PROPO	PROJE	FUTUR	ZONINOZ	PARCE			

RED PARKING

RED PARKING LANDSCAPE AREA ON-SITE

SED PARKING LANDSCAPE AREA ON SITE

9977

0.23

0.02

0.11%

0.11%

.55%

1 SPACE PER 1,500 SF \ 17.2 = 18 SPACES (INCL

/AREHOUSE SPACE (25,800 / JDING 1 HANDICAP SPACE)

12 SPACES + 6 HANDIC/

SPACES = 18 TOTAL

68543

1.57

10.62%

10.62%

DSED (NEW) IMPERVIOUS AREA ON-SITE

TOTAL PROPERTY BOUNDARY AREA

645124

SQ. FT.

ACRES

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% OF

LOC

.00% SITE

00.00%

PROPOSED ASPHALT PAVEMENT

PROPOSED BUILDING

PROPOSED CONCRETE

4363 38380

0.10

0.88

.95%

25800

0.59

4.00% 0.68%

4.00% 0.68%

TOTAL PROPOSED (NEW) IMPERVIOUS AREA

CT PROPERTY BOUNDARY

CAL ADDRESS

217 NW MORRELLS COURT HIGHWAY INTERCHANGE

LAND USE

L ID NUMBER

呈

34-35-16-02475-001

MORRELL'S WAREHOUSE / STOR/

E E

SITE DATA TABLE



MORRELL'S WAREHOUSE / STORAGE

LAKE CITY, FL

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DIMENSIONS SEE SITE PLAN FOR

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FOR DIMENSIONS SEE SITE PLAN

FOR DIMENSIONS SEE SITE P

SIDEWALK

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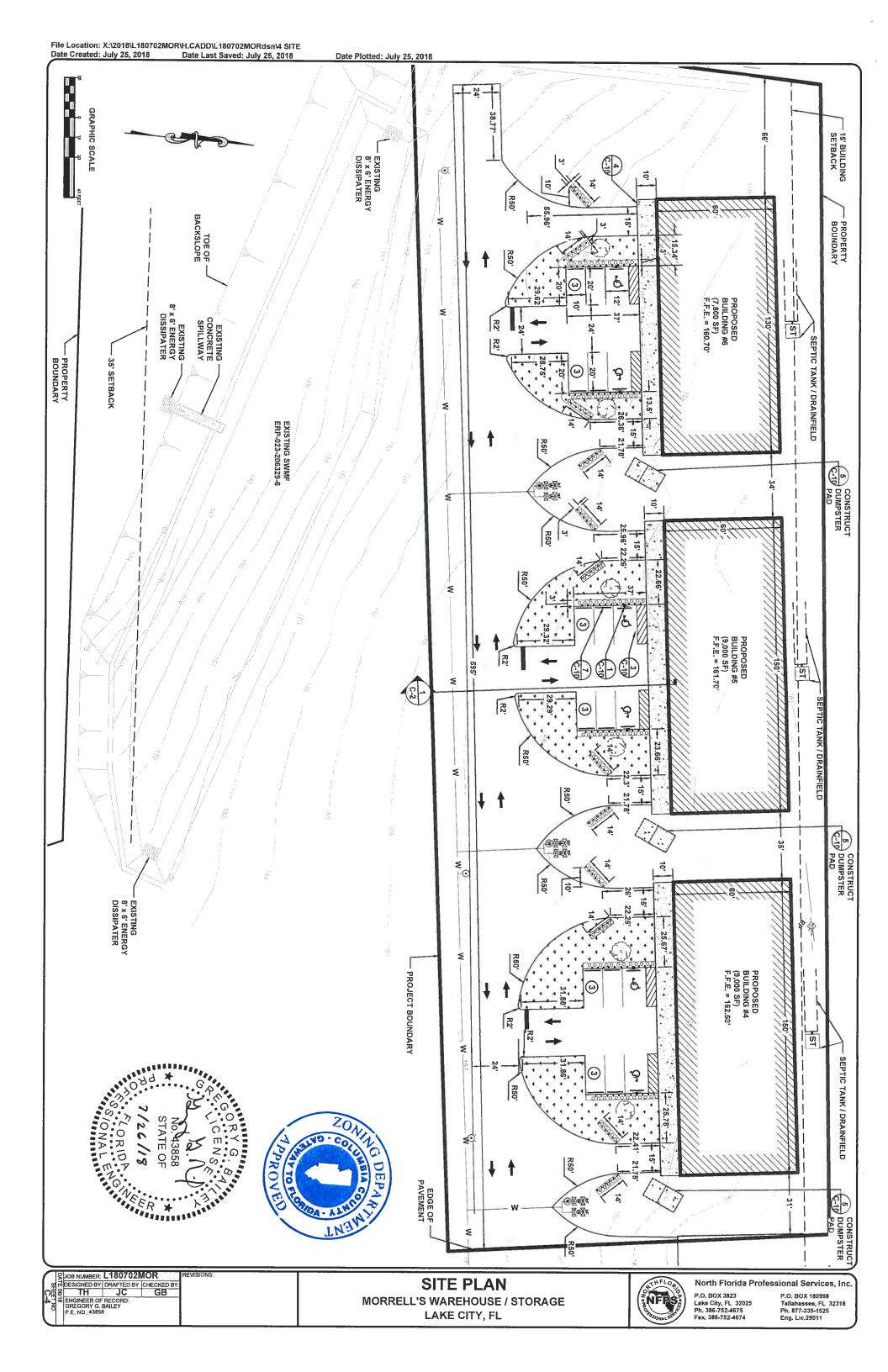
DESIGNED BY DRAFTED BY CHECKED BY
TH JC GB
ENGINEER OF RECORD:
GREGORY G. BAILEY
P.E. NO. 43858 **GENERAL NOTES** 



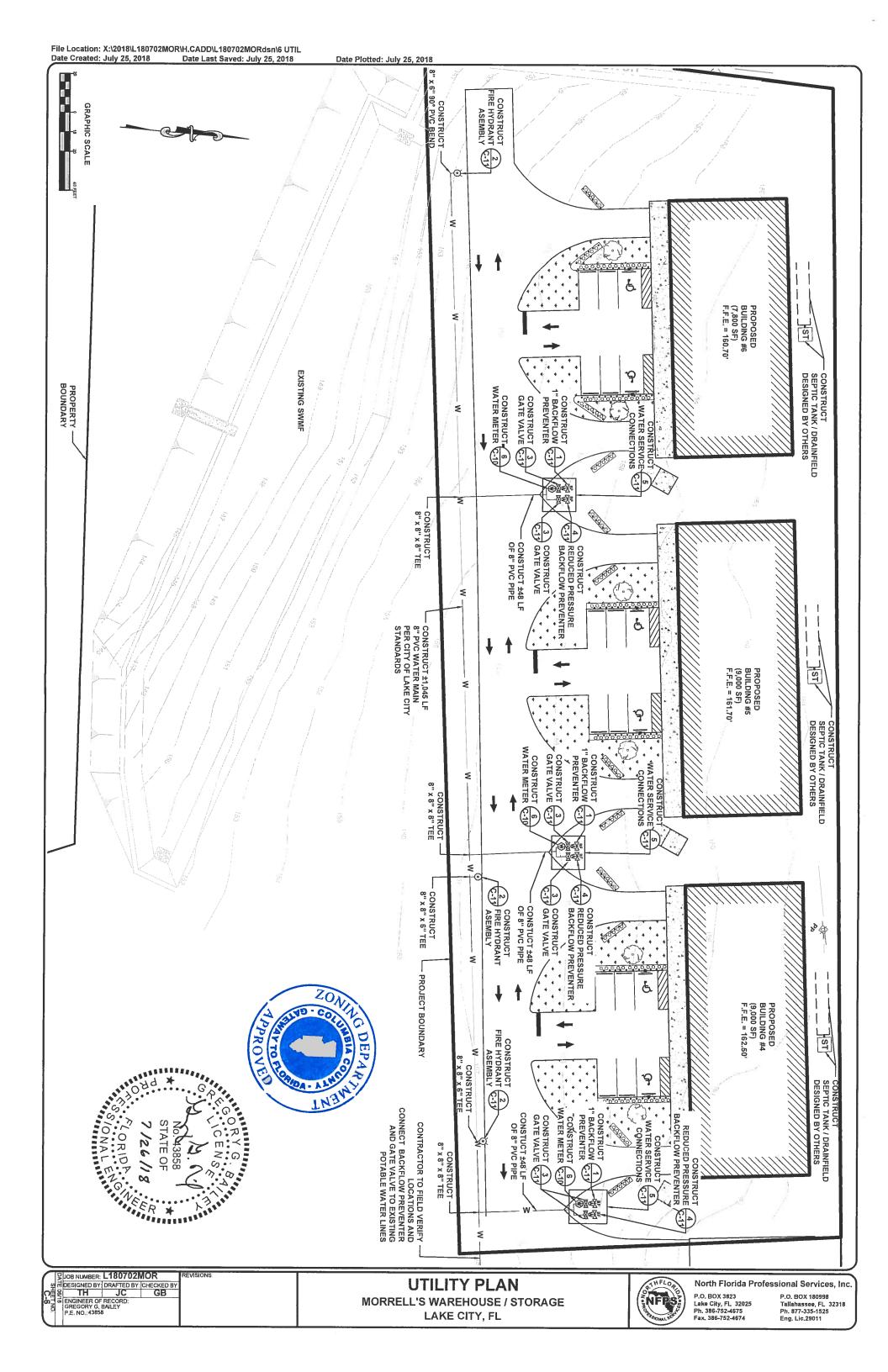
North Florida Professional Services, Inc.

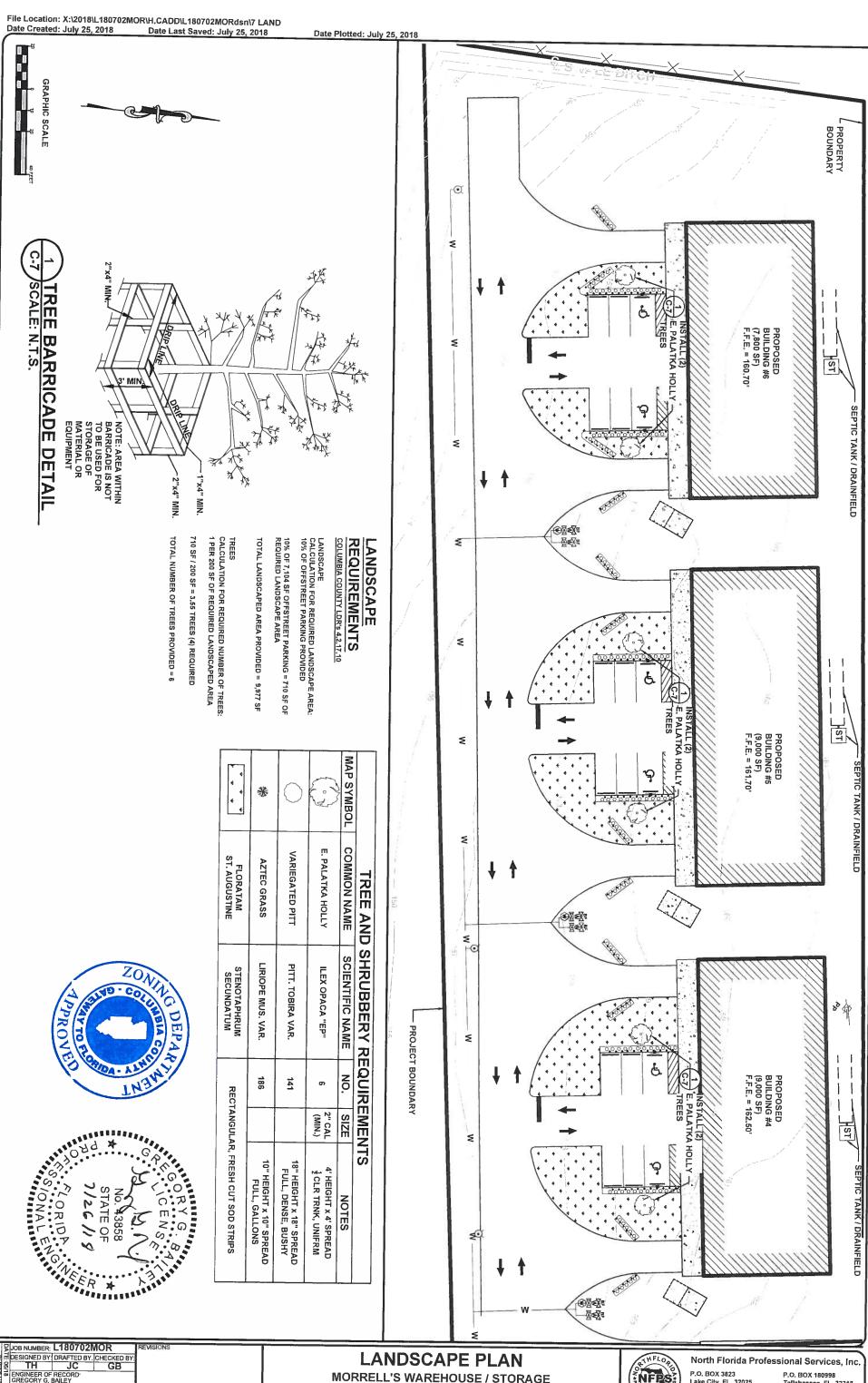
P.O. BOX 3823 Lake City, FL 32025 Ph. 386-752-4675 Fax. 386-752-4674

P.O. BOX 180998 Tallahassee, FL 32318 Ph. 877-335-1525 Eng. Lic.29011



LAKE CITY, FL





DESIGNED BY DRAFTED BY CHECKED BY
TH JC GB
ENGINEER OF RECORD
GREGORY G. BAILEY
P.E. NO. 43858

**MORRELL'S WAREHOUSE / STORAGE** LAKE CITY, FL



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MORRELL'S WAREHOUSE / STORAGE LAKE CITY, FL



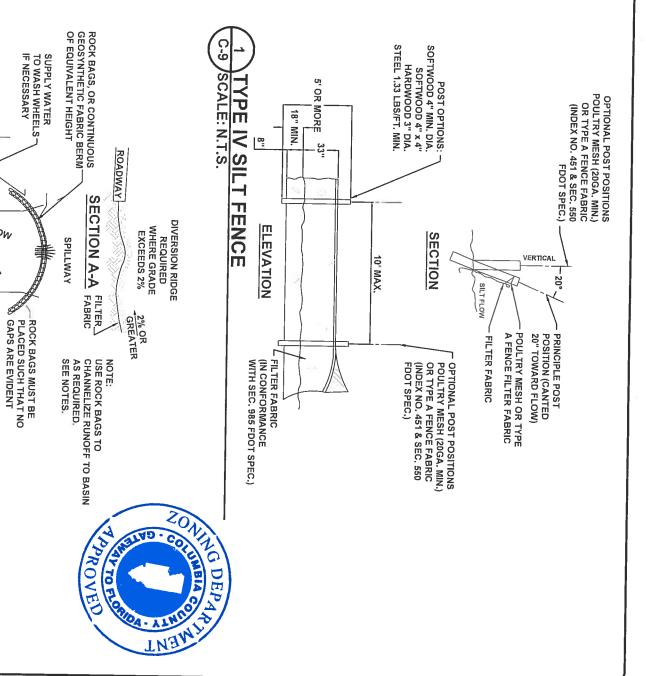
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## **EROSION CONTROL** NOTES

- 1. THIS EROSION AND SEDIMENTATION CONTROL PLAN COMPLIES WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
- THE CONTRACTOR SHALL ADJUST AND REVISE THIS PLAN TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES. 2. THE CONTRACTOR SHALL ADHERE TO COLUMBIA COUNTY, SRWMD, AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS. IF THE CONTRACTOR NEEDS TO CHANGE THIS PLAN TO MORE EFFECTIVELY CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR SHALL USE BMP'S FROM THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
- 4. SEDIMENT AND EROSION CONTROL FACILITIES, STORM DRAINAGE FACILITIES AND DETENTION BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- 6. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED. 5. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL AND REPLACED AS NECESSARY.
- 7. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
- 8. SILT FENCES SHALL LEAVING PROJECT LIMITS. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM
- 9. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.
- 10. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
- FAST-GROWING COVER AND/OR MULCH. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY
- 12. 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.
- 13. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF SYNTHETIC BALES OR SODDING.
- 14. 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.
- 15. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.
- LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS
- EXCESS DIRT SHALL BE REMOVED DAILY

17. 16.

- 18. THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS, PERMIT REQUIRED FROM SRWMD HAS BEEN OBTAINED.
- 19. QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND SYNTHETIC 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 0.5 INCHES OR GREATER.
- 20. SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL INSPECTED AT LEAST ONCE EVERY WEEK.





REVISIONS

ROADWAY

COURSE AGGREGATE
MIN. 6" THICK

15

2" - 3"

TOIVERSION RIDGE

50' MIN

 $\otimes$ FLOW

MOTH

FLOW

2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.

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.
 ROCK BAGS OR SANDBAGS SHALL BE PLACED SUCH THAT NO GAPS ARE EVIDENT.

C-9

SCALE: N.T.S.

TEMPORARY CONSTRUCTION E

NTRANCE

CORYGENS NO. 13858 STATE OF STATE OF CORIDA GRAGINA S JOB NUMBER: L180702MOR DESIGNED BY DRAFTED BY CHEC TH JC C ENGINEER OF RECORD GREGORY G. BAILEY P.E. NO., 43858

### **EROSION CONTROL NOTES** MORRELL'S WAREHOUSE / STORAGE

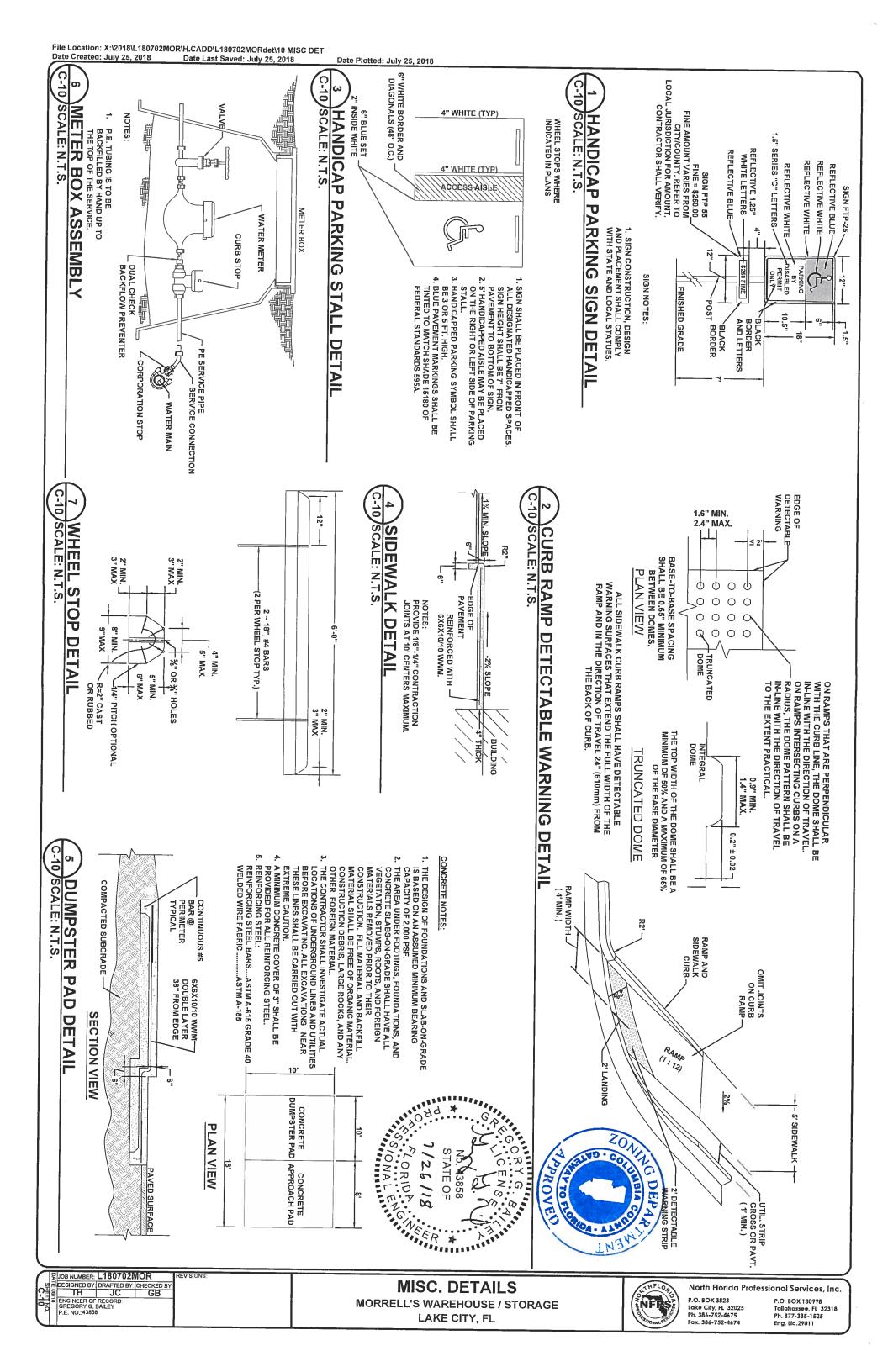
LAKE CITY, FL

NFPS

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Fax. 386-752-4674

P.O. BOX 180998 Tallahassee, FL 32318 Ph. 877-335-1525



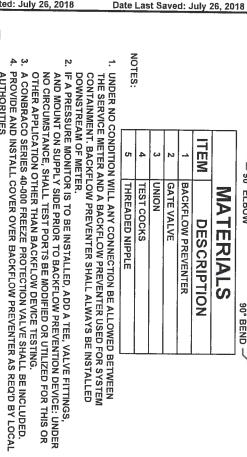
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12" MIN

90° ELBOW





GATE VALVE

THREADED NIPPLE TEST COCKS BACKFLOW PREVENTER

DESCRIPTION

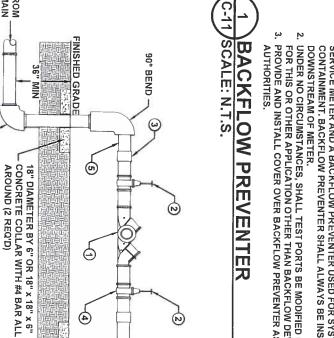
90° ELBOW

90° BEND

W

SERVICE

MATERIALS



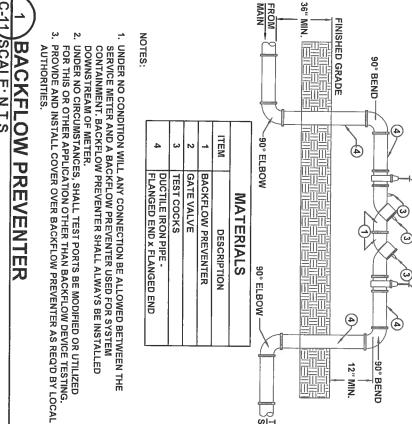
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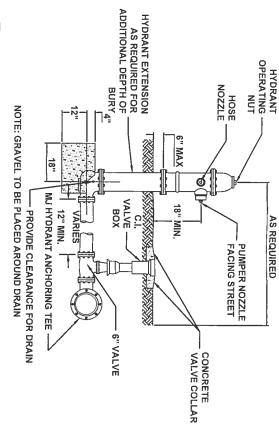
R/W LINE

(SEE NOTE 3)

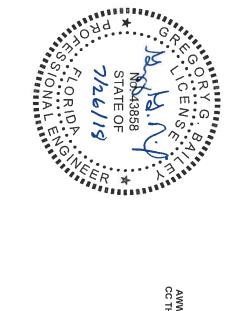
W/ PLASTIC TIE STRAP



## SCALE: N.T.S. FIRE HYDRANT ASSEMBLY



SERVICE



SCALE: N.T.S.

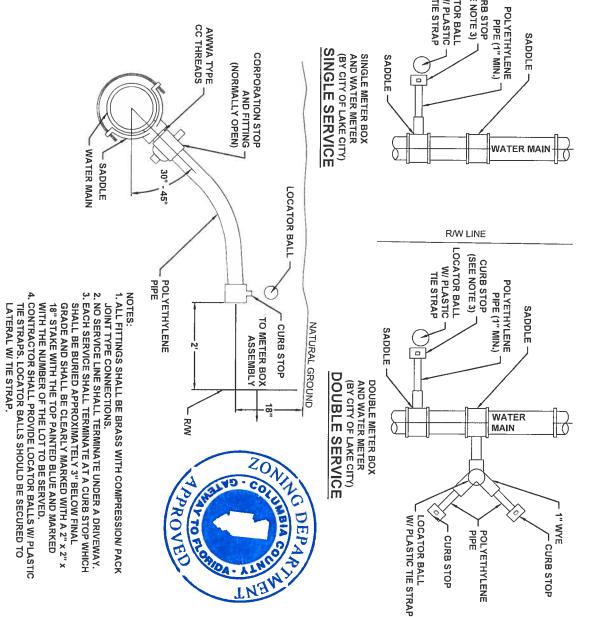
WATER SERVICE CONNECTION D

**ETAILS** 

JOB NUMBER: L180702MOR
DESIGNED BY DRAFTED BY: CHECKED
TH JC GB

ENGINEER OF RECO GREGORY G. BAILEY P.E. NO.: 43858

WATER MAIN



NOTES:

6" BEDDING ROCK -

PVC EXTENSIONS SHALL NOT BE USED ON VALVE BOX INSTALLATION.
THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO COME UP TO 4 FOOT DEPTH BELOW FINISHED GRADE.

LVE AND BOX DETAIL

SCALE: N.T.S. **GATE VA** 

> North Florida Professional Services, Inc. P.O. BOX 3823 P.O. BOX 180998 Lake City, FL 32025 Ph. 386-752-4675 Fax. 386-752-4674 Tallahassee, FL 32318 Ph. 877-335-1525 Eng. Lic.29011

BOX SHALL REST ON
BEDDING ROCK NOT
ON VALVE OR PIPE
AND SHALL BE CENTERED
ON OPERATING NUT

SET TOP OF VALVE BOX TO FINISH GRADE

CONCRETE VALVE

ADJUSTABLE CAST IRON -VALVE BOX

WATER MAIN

### MISC. DETAILS MORRELL'S WAREHOUSE / STORAGE LAKE CITY, FL