

CONCEPTUAL ENGINEERING PLANS FOR:
NUVO MARGATE SELF STORAGE
COMMERCIAL / SELF STORAGE

STATE ROAD 7 & SW 8th COURT
MARGATE, FLORIDA
MMA PROJECT #16-010

GENERAL NOTES:

1. COORDINATION OF DRAWINGS AND DISCIPLINES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR COMPLETENESS AND ACCURACY. FURTHER CONTRACTOR IS COORDINATE ALL TRADES AND DISCIPLINES PROPERLY. ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING.
2. FDOT R/W. ALL MATERIALS AND CONSTRUCTION WITHIN THE FDOT RIGHT-OF-WAY SHALL CONFORM TO THE LATEST FDOT DESIGN STANDARDS & LATEST SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
3. BUILDINGS & UTILITIES. CONTRACTOR IS ADVISED THAT THE BUILDINGS AND ASSOCIATED SYSTEMS ARE STILL UNDER REVIEW BY VARIOUS JURISDICTIONAL AGENCIES. AS SUCH, THERE MAY BE MODIFICATIONS TO SERVICE LINES (MATERIALS, SIZES, LOCATIONS, DEPTHS, ETC.) AS THE DOCUMENTS ARE PERMITTED.
4. SAFETY. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE RESPECTIVE UTILITY PROVIDER ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND LINES. CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD LINES PRIOR TO WORKING WITHIN THE VICINITY OF THE LINES.
5. FAMILIARITY WITH SITE CONDITIONS. THE CONTRACTOR SHALL VISIT THE SITE AND ACQUAINT HIMSELF WITH ALL EXISTING CONDITIONS. MAKE HIS OWN SUBSURFACE INVESTIGATION TO SATISFY HIMSELF AS TO THE SITE AND SUBSURFACE CONDITIONS. BUT SUCH SUBSURFACE INVESTIGATIONS SHALL BE PERFORMED ONLY UNDER TIME SCHEDULES AND ARRANGEMENTS APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE AND ENGINEER. THE EXISTING GRADES SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY AND NO REPRESENTATION IS MADE AS TO THEIR ACCURACY OR CONSISTENCY. THE CONTRACTOR SHALL VERIFY ALL EXISTING GRADES TO THE EXTENT NECESSARY TO INSURE COMPLETION OF THE JOB TO THE PROPOSED GRADES INDICATED ON THE DRAWINGS.
6. WORKMANSHIP. ALL WORK SHALL BE PERFORMED IN A WORKMANSHIP-LIKE MANNER AND SHALL CONFORM WITH ALL APPLICABLE CITY, COUNTY, STATE AND FEDERAL REGULATIONS AND/OR CODES, INCLUDING OSHA.
7. ELEVATIONS. ALL ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
8. SURVEY & BENCHMARK. REFER TO SURVEY PREPARED BY PULICE LAND SURVEYORS FOR ADDITIONAL INFORMATION.
9. GEOTECHNICAL INFORMATION. REFER TO GEOTECHNICAL REPORTS AND BORING LOGS FOR ADDITIONAL INFORMATION INCLUDING SITE PREPARATION REQUIREMENTS.
10. FIELD LOCATIONS. THE CONTRACTOR SHALL CONTACT "SUNSHINE STATE ONE CALL OF FLORIDA, INC. (1-800-432-4770)" AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION. THE CONTRACTOR SHALL GIVE ADEQUATE NOTIFICATION TO ALL AFFECTED UTILITY OWNERS FOR REMOVAL, RELOCATION AND ALTERATION OF THEIR EXISTING FACILITIES.
11. PROTECTION OF UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES THROUGHOUT THE DURATION OF CONSTRUCTION FOR THE PROTECTION OF ALL EXISTING AND NEWLY INSTALLED ABOVE GROUND, UNDERGROUND, AND ON THE SURFACE STRUCTURES AND UTILITIES FROM DAMAGE OR SERVICE DISRUPTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING SUCH MEASURES AS NECESSARY TO PROTECT THE HEALTH, SAFETY, AND WELFARE OF THOSE PERSONS HAVING ACCESS TO THE WORK SITE.
12. EXISTING UTILITIES. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UTILITIES AND SOILS CONDITIONS AND SHALL NOTIFY THE ENGINEER IN THE EVENT OF ANY DISCREPANCIES WITH THE PLANS.
13. EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH IT FAILS TO REQUEST LOCATIONS FROM THE UTILITY OWNER. THE CONTRACTOR IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
14. FIELD REVIEWS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS PRIOR TO ANY REQUIRED FIELD REVIEWS OR INSPECTIONS AND SHALL SUPPLY ALL EQUIPMENT NECESSARY, LABOR AND MATERIALS FOR INSPECTION AND/OR TEST. ALL WORK SHALL BE OPEN AND SUBJECT TO REVIEW AND/OR INSPECTION BY AUTHORIZED PERSONNEL OF THE CITY, OWNER, INVOLVED UTILITY COMPANIES, PROJECT ENGINEER, AND REGULATORY AGENCIES. ALL RECOMMENDATIONS AND REQUIREMENTS OF INSPECTION PERSONNEL OTHER THAN THE OWNER'S SHALL BE REPORTED TO THE ENGINEER PRIOR TO IMPLEMENTATION. COMPENSATION WILL NOT BE ALLOWED FOR WORK WHICH IS NOT AUTHORIZED BY THE ENGINEER OR OWNER.
15. DIFFERING SITE CONDITIONS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND THE FIELD CONDITIONS PRIOR TO CONSTRUCTION IN THE AREA OF CONFLICT. ANY DIFFERING SITE CONDITIONS FROM THAT WHICH ARE REPRESENTED ON THE PLANS, WHETHER ABOVE, ON OR BELOW THE SURFACE OF THE GROUND, ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND THE OWNER IN WRITING.
16. DEWATERING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ANY DEWATERING PERMITS AND/OR APPROVALS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED FACILITIES AND SYSTEMS.
17. PERMITS. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND/OR LICENSES TO COMMENCE CONSTRUCTION.
18. USE OF EXISTING MATERIALS. NO EXISTING MATERIAL SHALL BE USED IN NEW CONSTRUCTION UNLESS APPROVED DURING THE SHOP DRAWING APPROVAL PROCESS.
19. EXISTING LANDSCAPE. CONTRACTOR SHALL BE EXTREMELY CAUTIOUS WHEN WORKING NEAR TREES WHICH ARE TO BE SAVED, WHETHER SHOWN ON THE PLAN OR DESIGNATED IN THE FIELD.
20. TESTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED TESTS TO BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY APPROVED BY THE ENGINEER. THE CONTRACTOR UNDERSTANDS THAT ANY AND ALL TESTS, INSPECTIONS, PROCEDURES INCLUDING ALL LABOR, MATERIALS, TIME AND EFFORT IN ORDER TO HAVE ALL WORK DESIGNATED AS FINAL BY THE RESPECTIVE JURISDICTIONAL AUTHORITIES AND THAT SUCH TESTS, INSPECTIONS AND PROCEDURES ARE INCLUDED IN THE BID.
21. FINAL UTILITY ADJUSTMENTS. ALL UTILITIES SHALL BE ADJUSTED TO NEW FINISH GRADES AND PROPERLY SET TO PAVEMENT CROSS SLOPE AS REQUIRED.

PROJECT TEAM

CIVIL ENGINEER:

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OWNER:

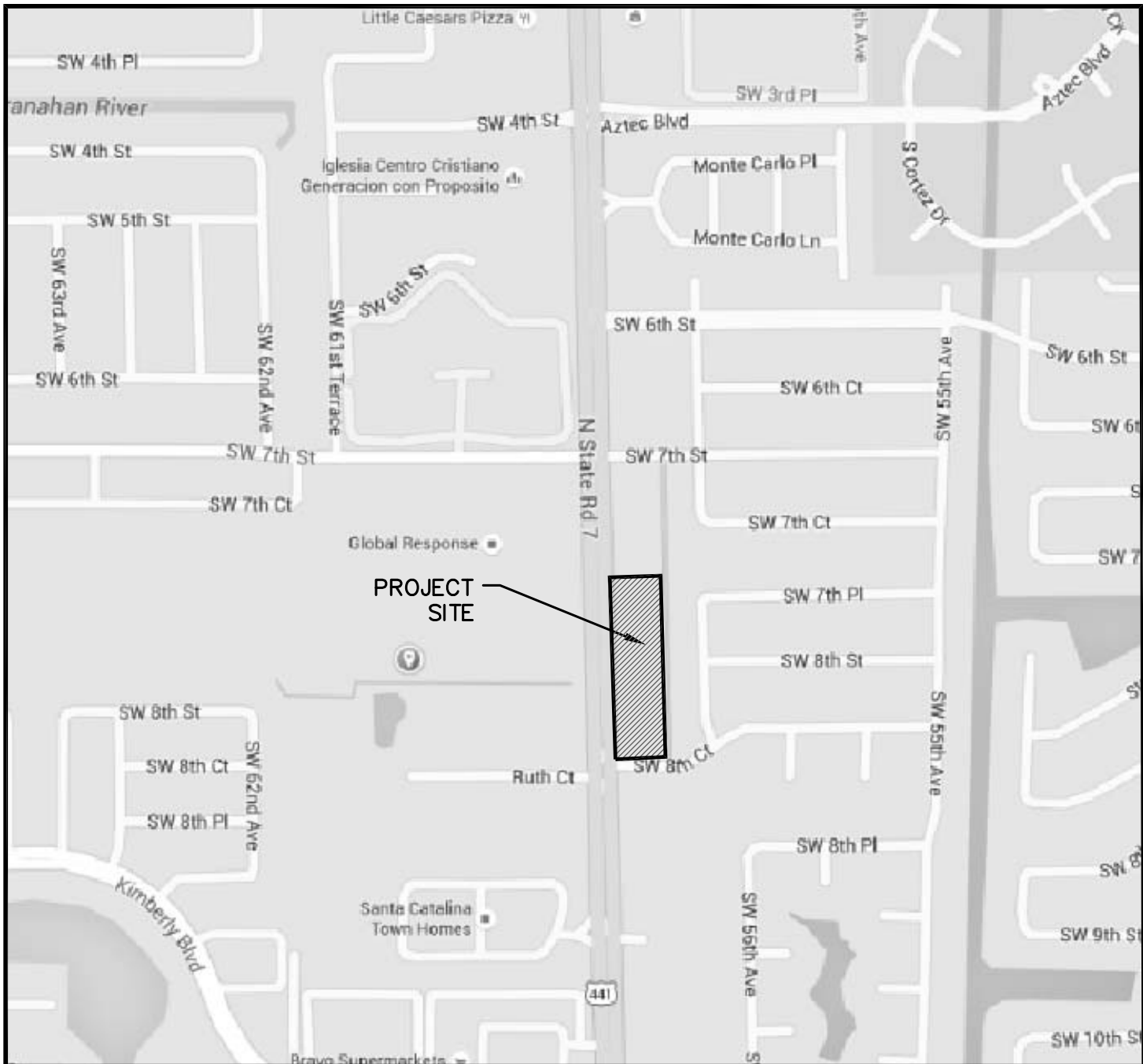
NUVO DEVELOPMENT, LLC
288 NORTH PARK AVENUE
WINTER PARK, FLORIDA 32789

PLANNER / OWNER'S AGENT

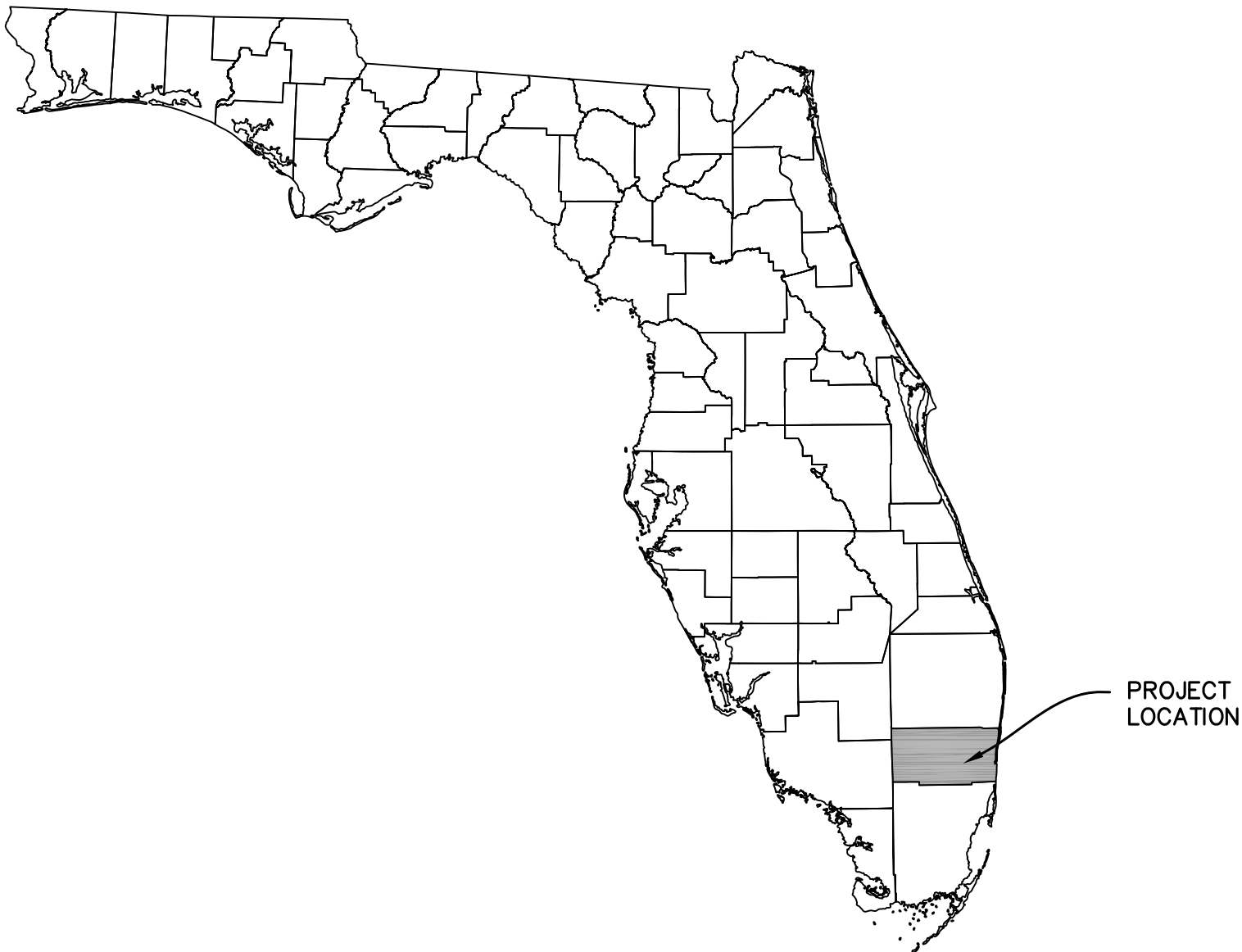
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MANAGED LAND ENTITLEMENTS
3710 BUCKEYE STREET, SUITE 100
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ARCHITECT:

FARMER ARCHITECTURE
941 LAKE BALDWIN LN
ORLANDO, FLORIDA 32814



PROJECT LOCATION MAP
N.T.S.



DRAWING INDEX

| DWG. # | TITLE |
|--------|-------------------------------------|
| 01 | COVER SHEET |
| 02 | PAVING, GRADING, & DRAINAGE PLAN |
| 03-04 | PAVING, GRADING, & DRAINAGE DETAILS |
| 05 | WATER & WASTEWATER PLAN |
| EX | FIRE ACCESS EXHIBIT |

GOVERNING SPECIFICATIONS
REFER TO PROJECT SPECIFICATION SHEET FOR DETAILED PROJECT AND MATERIAL REQUIREMENTS. ITEMS NOT EXPLICITLY ADDRESSED BY SPECIFICATION SHEETS SHALL BE CONSTRUCTED PER FDOT SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION (v2016) UNLESS OTHERWISE DIRECTED BY THE ENGINEER OF RECORD.

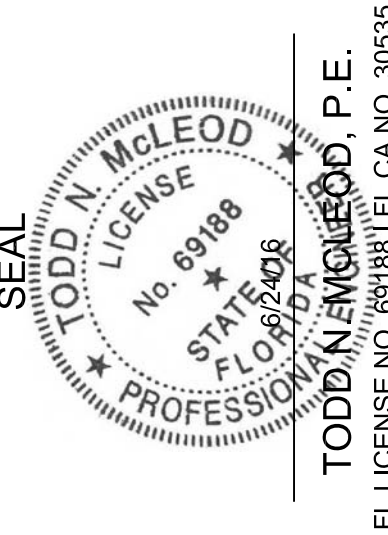


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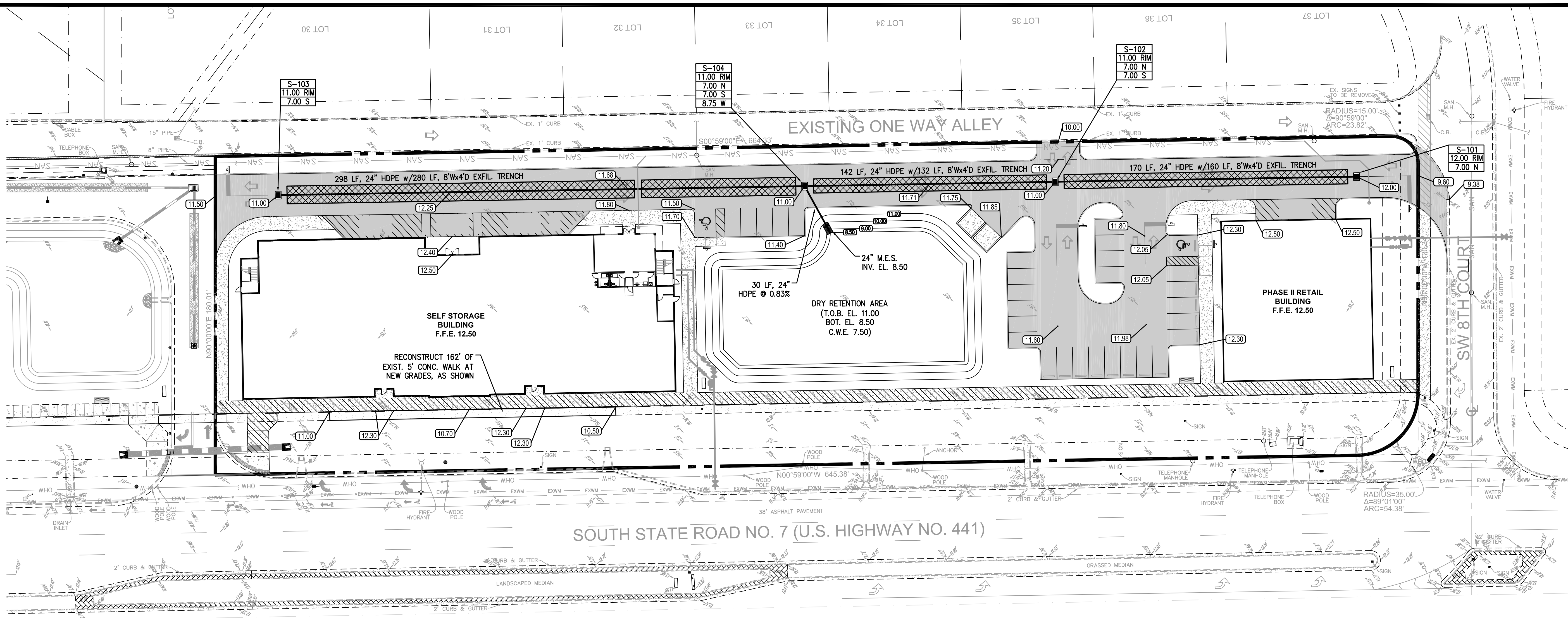
| | |
|---|--------------------------------|
| FIELD: DRAWN: P. Saffold DESIGNED: TNM APPROVED: TNM | PROJECT # 16-010 DRAWING #: |
|---|--------------------------------|

| NO. | DATE | REVISIONS | REVIEW DRC COMMENTS |
|-----|---------|-----------|---------------------|
| 1 | 6/14/16 | | |

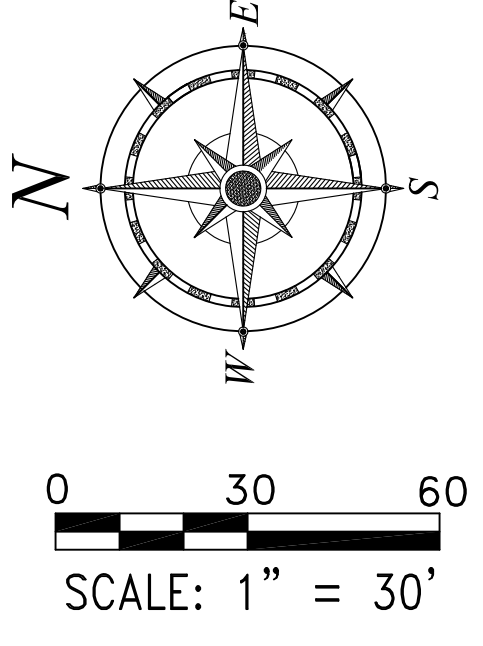
COVER SHEET
NUVO MARGATE SELF STORAGE
COMMERCIAL/ SELF STORAGE
MARGATE, FLORIDA

SCALE: AS SHOWN
DATE: 6/24/16

SHEET
01
OF 5



- NOTES:
1. ALL LANDSCAPE AREAS ADJACENT TO BUILDING SHALL BE GRADED TO DRAIN AWAY FROM BUILDING.
 2. CONTRACTOR SHALL CONFIRM DETECTABLE WARNING REQUIREMENTS WITH BUILDING OFFICIAL PRIOR TO INSTALLATION.
 3. WHERE LANDSCAPE/SOD ABUTS BUILDING SLAB, A MINIMUM 3" SLAB REVEAL SHALL BE PROVIDED.
 4. MAXIMUM SLOPE FROM TOP OF CURB AND BACK OF WALK TO FINISHED GRADE SHALL BE 4(H):1(V), UNLESS OTHERWISE NOTED.
 5. ALL BUFFER, DETENTION, SWALE, AND UN-LANDSCAPED/UNPAVED AREAS SHALL BE SODDED UNLESS OTHERWISE NOTED.
 6. REFER TO SITE PLAN PREPARED BY MANAGED LAND ENTITLEMENTS / LITTERICK LANDSCAPE ARCHITECTURE FOR ADDITIONAL SITE REQUIREMENTS.
 7. THERE SHALL BE NO LANDSCAPING OTHER THAN SOD WITHIN THE TWO-FOOT PARKING SPACE.



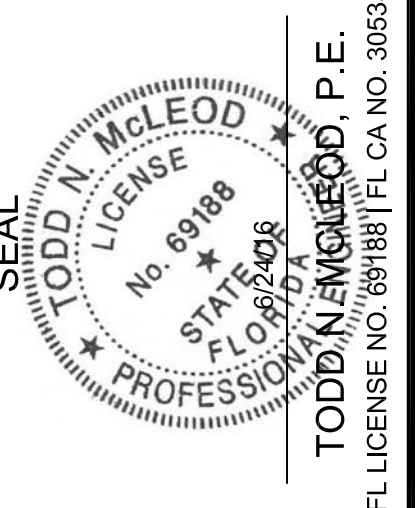
- ACCESSIBILITY NOTES:
1. ACCESSIBLE ROUTES SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
 2. ALL WALKS CROSSING A VEHICULAR AREA SHALL HAVE DETECTABLE WARNING SURFACE (TRUNCATED DOME) IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
 3. CURB RAMP SLOPES AND DIMENSIONS SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX NO. 304. CURB RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME AND SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

- LEGEND
- PROP. SIGN
 - SURFACE FLOW ARROW
 - PROP. PAVEMENT
 - PROP. CONC. PAVERS
 - PAVEMENT RESTORATION
 - RECONSTRUCT CONCRETE TO ACHIEVE PROP. GRADES
 - PROPOSED ELEVATION
 - EXIST. ELEVATION



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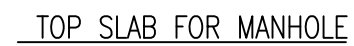
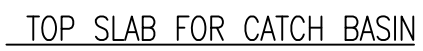
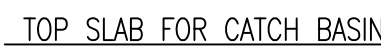
FIELD: P. Saffold
DRAWN: P. Saffold
DESIGNED: TMM
APPROVED: TMM
PROJECT #: 16-010
DRAWING #:

| NO. | DATE | REVISIONS |
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| 1 | 6/14/16 | REV PER DRC COMMENTS |

PAVING, GRADING, & DRAINAGE PLAN
NUVO MARGATE SELF STORAGE
COMMERCIAL/ SELF STORAGE
MARGATE, FLORIDA

SCALE: AS SHOWN
DATE: 6/24/16

SHEET
02
OF 5



INLET NOTES

BEVELED EDGES: ALL EXPOSED CORNERS AND EDGES TO BE CHAMFERED 3/4".

FOUNDATION MATERIAL: WHERE MATERIAL UNSATISFACTORY FOR FOUNDATION IS ENCOUNTERED, ALL SUCH MATERIAL MUST BE REMOVED DOWN TO SATISFACTORY MATERIAL AND BACKFILLED TO SUBGRADE WITH CLEAN SAND.

INLET TYPES: INLETS ARE TO BE CONSTRUCTED TO THE DIMENSIONS SHOWN HEREON. INLETS RECEIVING PIPE LARGER THAN 42" DIAMETER SHALL BE IN ACCORDANCE WITH F.D.O.T. STANDARDS

MATERIAL: INLET WALLS AND BASES MAY EITHER BE CAST-IN-PLACE CLASS I 2500 P.S.I. CONCRETE OR PRECAST CLASS II, 4000 (MIN.) P.S.I. CONCRETE.

35-3/4"

1-1/4"

1-1/2"

4"

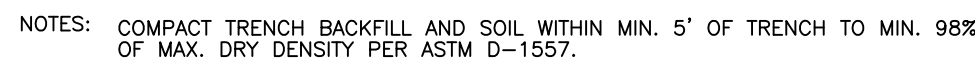
USF FRAME & GRATE (OR EQUAL), FRAME 4139 GRATE 6429

BRICK TO GRADE
2 BRICK MIN.
4 BRICK MAX.

Diagram illustrating the connection of a downspout to a 12-inch HDPE pipe. The components shown are:

- DOWNSPOUT
- DOWNSPOUT ADAPTER
- FINISHED GRADE
- 12"X4" HDPE TEE
- 4"-45° BEND
- 12" HDPE PIPE

TYPICAL DOWNSPOUT CONNECTION
NTS



ON-SITE EXFILTRATION TRENCH DETAIL

ON-SITE EXFILTRATION TRENCH DETAIL



1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING. UNSUITABLE IN-SITU MAT SUCH AS MUCK, DEBRIS AND LARGER ROCK SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIALS SUCH AS LARGER ROCK, MUCK AND DEBRIS.
5. SEE GENERAL NOTES FOR PIPE BACKFILL BENEATH PROPOSED PAVEMENT.

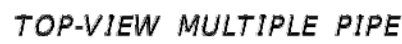
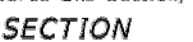
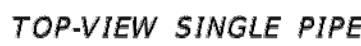
TRENCH DETAIL
N.T.S.

See General Note No. 5.

- Values shown for estimating pipe quantities and are for information only.


| B | E | |
|---------|---------|--|
| △ 6.42' | △ 6.25' | Dimensions permitted to allow use of 8' standard pipe lengths. |

△ ◇ Concrete slab shall be deepened to form bridge across crown of pipe. See section below.



NOTE: See sheet 6 for details and notes.

SINGLE AND MULTIPLE ROUND CONCRETE PIPE

| | | | | | |
|------------------------------|--------------|--|---------------------------------|---------------------|------------------------|
| LAST REVISION 07/01/02 | DESCRIPTION: |  FY 2016-17 DESIGN STANDARDS | CROSS DRAIN MITERED END SECTION | INDEX NO. 272 | SHEET NO. 1 of 6 |
|------------------------------|--------------|--|---------------------------------|---------------------|------------------------|

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FIELD:

FIELD:
DRAWN: P. Saffold
DESIGNED: TNM
APPROVED: TNM

PROJECT #:16-010

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DATE _____

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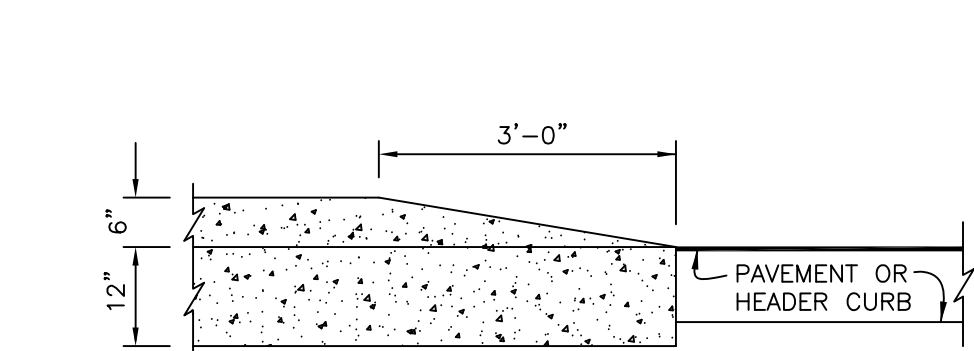
PAVING, GRADING, & DRAINAGE DETAILS
 NUVO MARGATE SELF STORAGE
 COMMERCIAL/ SELF STORAGE
 MARGATE, FLORIDA

SCALE: AS SHOWN
DATE: 6/24/16

SHEET

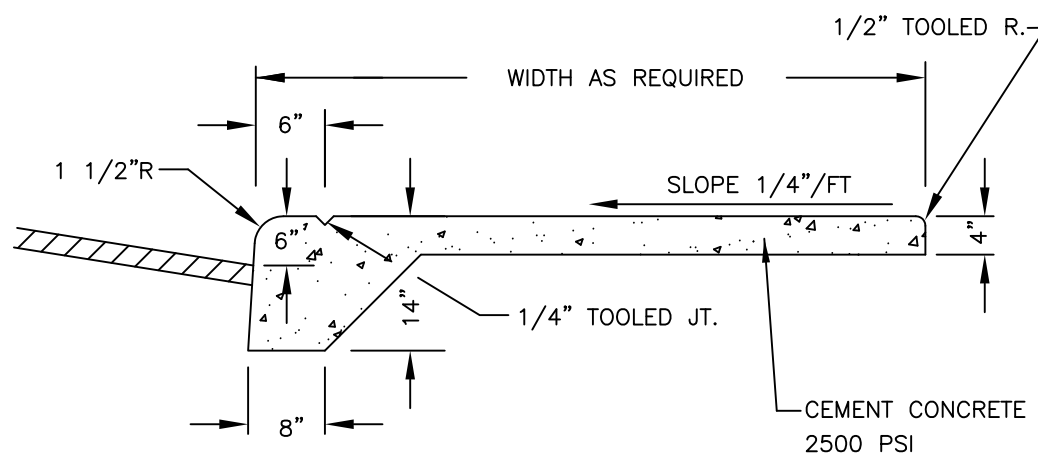
03

OF 5



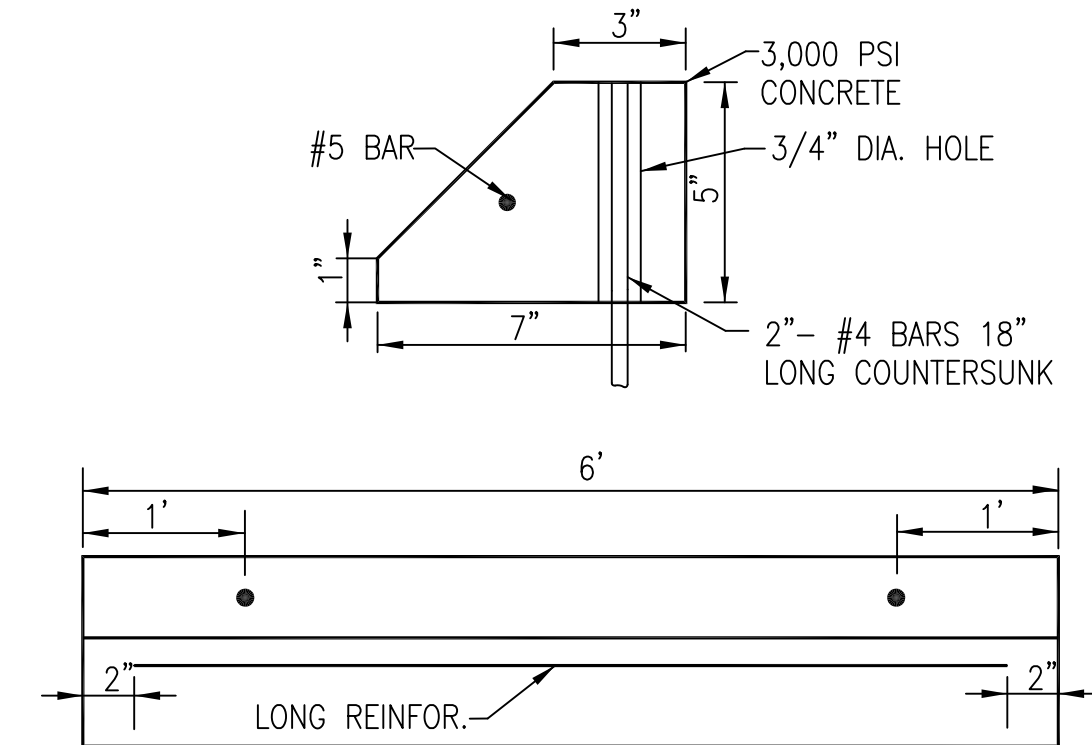
NOTE:
WHEN CURB TRANSITIONS ARE ADJACENT TO SIDEWALK THE
TRANSITION MUST BE 12:1

TRANSITION CURB TAPER DETAIL
N.T.S.

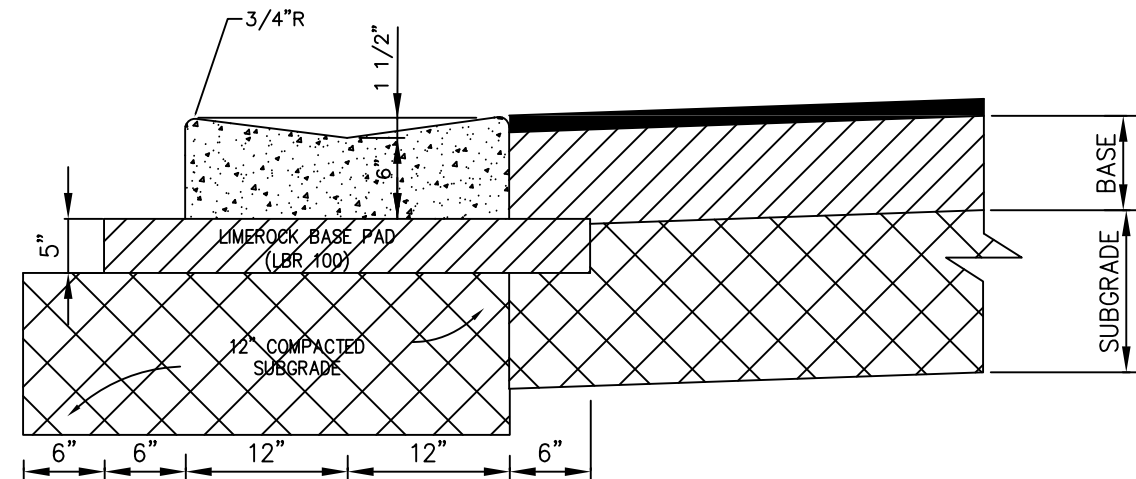


NOTES:
1. THE REVEAL SHOWN MAY VARY. REFER TO PLANS FOR LOCATIONS.
2. MONOLITHIC WALK & CURB REQUIRED AT ALL LOCATIONS WHERE
PROPOSED SIDEWALK ABUTS ASPHALT PAVEMENT.

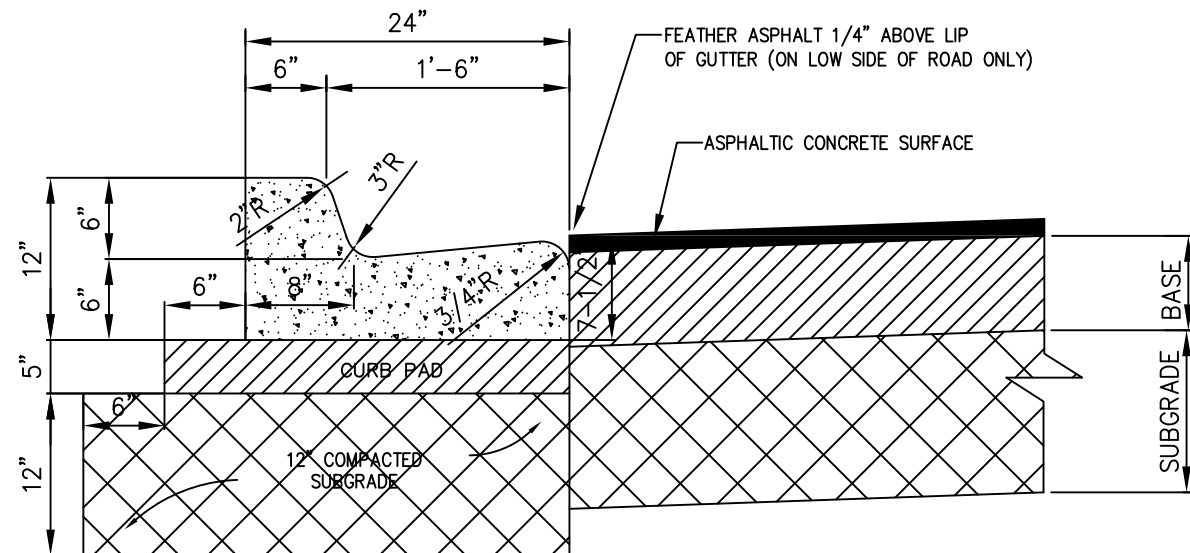
MONOLITHIC CURB
AND SIDEWALK SECTION
N.T.S.



CONCRETE WHEEL STOP DETAIL
N.T.S.



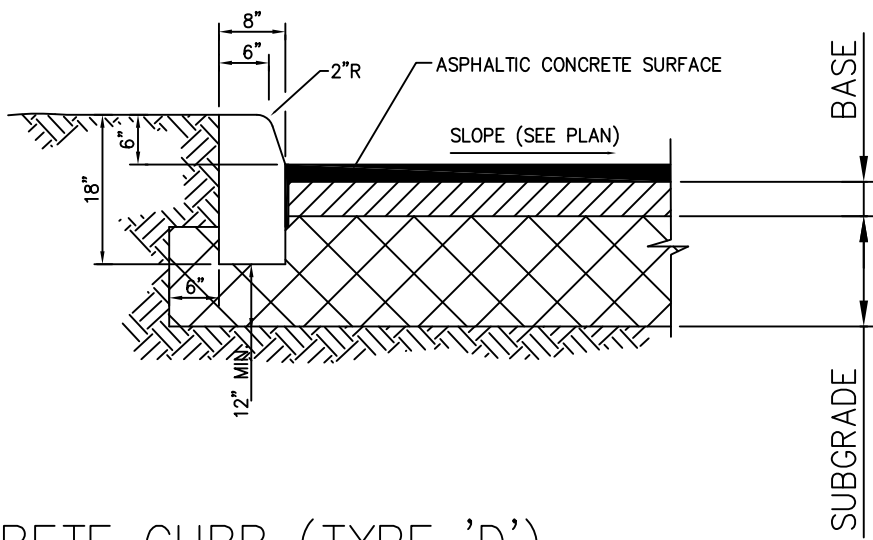
VALLEY GUTTER
SCALE: NONE
REFER TO FDOT INDEX 300 FOR NOTES AND DETAILS



NOTE :
WHEN USED ON HIGH SIDE OF ROADWAYS THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT
PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6" INSTEAD OF 7 1/2".

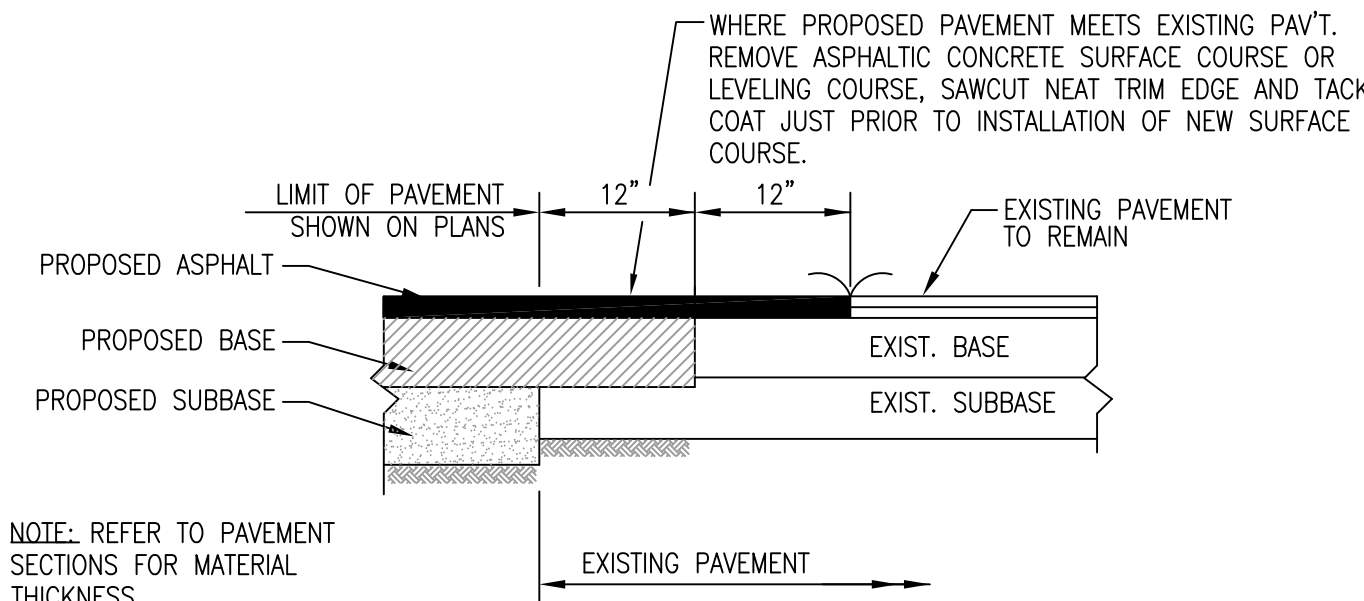
TYPE "F" CURB & GUTTER

SCALE: NONE



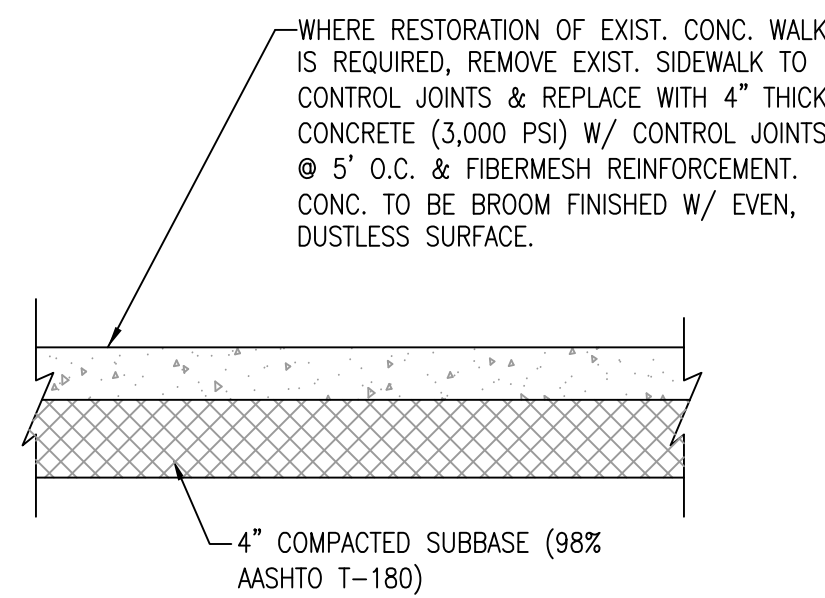
CONCRETE CURB (TYPE 'D')

SCALE: NONE



NOTE: REFER TO PAVEMENT
SECTIONS FOR MATERIAL
THICKNESS

PAVEMENT MATCHING DETAIL
N.T.S.



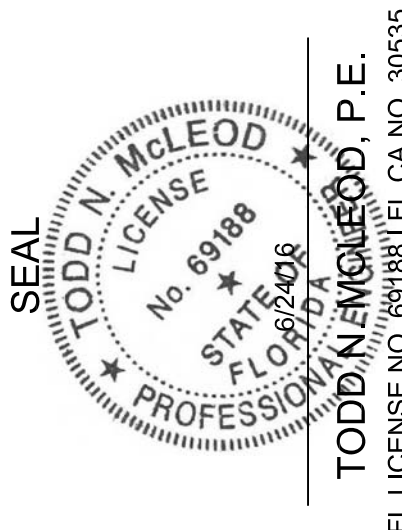
CONCRETE SIDEWALK
RESTORATION DETAIL
N.T.S.

| PAVEMENT SECTION REQUIREMENTS | | | |
|---------------------------------|---|---|---|
| TYPE | WEARING SURFACE | BASE | SUB-GRADE |
| CONCRETE PAVEMENT (ON-SITE) | 6" THICK (3,000 PSI) WITH JOINTING PER ACI 330. JOINTING PLAN TO BE SUBMITTED PRIOR TO POURING CONCRETE | N/A | 12" THICK, COMPACTED TO 98% MAXIMUM DRY DENSITY A.A.S.H.T.O. T-180 (LBR 30) |
| STRUCTURAL NO. | 6" x 0.5 | + | 0 |
| ALTERNATE PAVEMENT (ON-SITE) | 1.5" THICK S-III A.C.S.C. (2-LIFTS) | 8" THICK LIMEROCK BASE (LBR 100) COMPACTED TO 98% AASHTO T-180 DENSITY & PLACED IN 4" MAX. LIFTS. | 12" THICK, COMPACTED TO 98% MAXIMUM DRY DENSITY A.A.S.H.T.O. T-180 |
| STRUCTURAL NO. | 1.5" x 0.44 | + | 8" x 0.18 |
| | | + | 12" x 0 = 2.10 |



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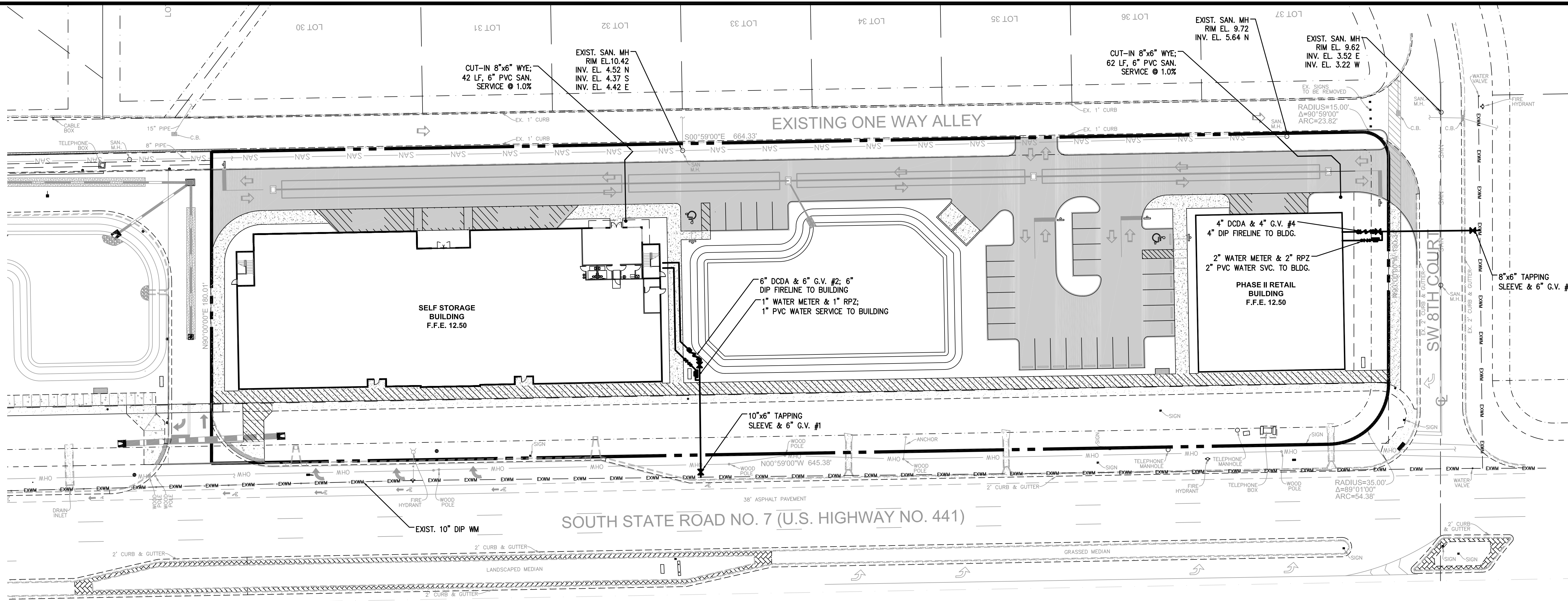
FIELD:
DRAWN: P. Saffold
DESIGNED: TNM
APPROVED: TNM
PROJECT #: 16-010
DRAWING #:

| NO. | DATE | REVISIONS | REV PER DRC COMMENTS |
|-----|---------|-----------|----------------------|
| 1 | 6/14/16 | | |

PAVING, GRADING, & DRAINAGE DETAILS
NUVO MARGATE SELF STORAGE
COMMERCIAL/ SELF STORAGE
MARGATE, FLORIDA

SCALE: AS SHOWN
DATE: 6/24/16

SHEET
04
OF 5



- NOTES:
1. PRIOR TO CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY (ELEVATION & LOCATION) ALL EXISTING UTILITIES. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONTINUATION OF WORK.
 2. ALL SANITARY SEWER SHALL BE P.V.C. SDR 26 (UNLESS OTHERWISE NOTED).
 3. ALL WATER MAINS & FORCE MAINS SHALL BE P.V.C. (C-900) UNLESS OTHERWISE NOTED.
 4. FIRE HYDRANTS SHALL BE LOCATED A MINIMUM OF 7' AND A MAXIMUM OF 12' FROM EDGE OF PAVEMENT.
 5. VALVES SHALL NOT BE PLACED IN CURBS.
 6. ALL WATER AND SANITARY SERVICES SHALL BE CONSTRUCTED A MINIMUM OF 5' FROM DRAINAGE STRUCTURES.
 7. MAGNETIC TAPE IS REQUIRED FOR ALL WATER & FORCE MAINS AND SHALL BE 6" WIDE, IMPRINTED WITH 2" HIGH LETTERING READING "CAUTION - WATER MAIN BURIED BELOW" OR "CAUTION - FORCE MAIN BURIED BELOW", AS REQUIRED.
 8. RECORD DRAWINGS MUST HAVE DATA FOR TAP AND METER LOCATIONS FOR ALL NON-PERPENDICULAR WATER MAIN SERVICES.
 9. PRESSURE TESTING AND CERTIFICATION SHALL FOLLOW BROWARD COUNTY WATER & WASTEWATER SERVICES MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS, LATEST EDITION.
 10. ALL WATERMAINS TO CROSS OVER SANITARY SEWER SERVICES. WHERE 18" MINIMUM CLEARANCE CANNOT BE MAINTAINED, 20 LINEAR FEET OF DUCTILE IRON WATERMAIN SHALL BE CENTERED ON THE CROSSING AND THE SEWER SERVICE SHALL BE C-900, SDR-18. IN NO CASE SHALL THERE BE LESS THAN 6" CLEARANCE.
 11. CONTRACTOR TO PROVIDE ELEC. SERVICE TO DCDA TAMPER SWITCHES.

- RECORD DRAWING NOTES:
1. RECORD DRAWINGS SHALL BE PREPARED IN THE STATE PLANE COORDINATE SYSTEM.
 2. ALL UTILITY FEATURES SHALL BE SHOWN IN THEIR AS-BUILT LOCATION.
 3. STATE PLANE COORDINATES SHALL BE DISPLAYED ON RECORD DRAWINGS FOR ALL FEATURES SPECIFIED IN THE BROWARD COUNTY STANDARDS.

- GENERAL WATER NOTES:
1. ALL WATER MAIN DUCTILE IRON PIPE (DIP) AND PIPE FITTINGS SHALL BE PAINTED WITH A 4" WIDE CONTINUOUS BLUE LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND IS LOCATED ALONG THE TOP OF THE PIPE.
 2. ALL WATER MAINS SHALL BE MARKED WITH ONE CONTINUOUS STRIP OF 6" WIDE MAGNETIC BLUE CODED TAPE IMPRINTED WITH TWO (2) INCH HIGH LETTERING READING "CAUTION - POTABLE WATER LINE BURIED BELOW" AND LOCATED APPROXIMATELY TWELVE (12) INCHES ABOVE THE CROWN OF THE PIPE. THE WORDING SHALL OCCUR EVERY THREE (3) FEET.
 3. ALL WATER SERVICE BRASS ARE REQUIRED TO BE LEAD FREE.

- GENERAL SEWER NOTES:
1. ON-SITE SEWER LATERALS ARE PRIVATELY OWNED AND MAINTAINED PAST BROWARD COUNTY POINT-OF-SERVICE.

| LEGEND | |
|--------|---|
| | EASEMENT LINE |
| | EXISTING WATER MAIN, GATE VALVE (G.V.), TEE, F.H. AND PLUG |
| | EXISTING SANITARY SEWER MAIN, MANHOLE AND DIRECTION OF FLOW |
| | PROPOSED WATER MAIN, GATE VALVE (G.V.), BEND AND TEE WITH FIRE HYDRANT ASSEMBLY |
| | PROPOSED SANITARY SEWER MAIN, SINGLE & DOUBLE SEWER SERVICE CLEAN OUT (C.O.), MANHOLE AND |
| | CONCRETE |
| | PAVEMENT RESTORATION |
| | ASPHALT PAVEMENT |
| | UTILITY CONFLICT |
| | UTILITY EASEMENT |



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DRAWN: P. Saffold
DESIGNED: TMM
APPROVED: TMM
PROJECT #16-010
DRAWING #:

| NO. | DATE | REVISIONS |
|-----|---------|----------------------|
| 1 | 6/14/16 | REV PER DRC COMMENTS |

WATER & WASTEWATER PLAN
NUVO MARGATE SELF STORAGE
COMMERCIAL/ SELF STORAGE
MARGATE, FLORIDA

SCALE: AS SHOWN
DATE: 6/24/16

SHEET
05
OF 5