LAKE WORTH STATION

LAKE WORTH BEACH, FL PALM BEACH COUNTY

930 NORTH G STREET

PARCEL ID# 38-43-44-21-15-274-0080, 38-43-44-21-15-274-0070,38-43-44-21-15-274-0040, 38-43-44-21-15-274-0030, 38-43-44-21-15-274-0020, 38-43-44-21-15-272-0100

SECTION 21 TOWNSHIP 44 RANGE 43

OWNER/DEVELOPER BRIDGE HOLDING, LLC. 10135 SW 75TH PLACE MIAMI, FL 33156 RICARDO HERNANDEZ PHONE: (786) 223-1568 EMAIL: RIHERNANP@GMAIL.COM

PROJECT TEAM

ARCHITECT

THE MARTIN ARCHITECTURAL GROUP, P.C. 6810 LYONS TECHNOLOGY CIRCLE, SUITE 185 COCONUT CREEK, FL 33073 ANNABELLA GARCIA, SENIOR PROJECT MANAGER PHONE: (954) 428-1618 FAX: (954) 428-4416 EMAIL: AGARCIA@MARTINAIA.COM

CIVIL ENGINEER

IBI GROUP 7000 NORTH FEDERAL HIGHWAY, 2ND FLOOR **BOCA RATON, FLORIDA 33487** PATRICIA F. RAMUDO, P.E., LEED AP PHONE: (561) 393-6555 EXT. 52120 EMAIL: PATRICIA.RAMUDO@IBIGROUP.COM

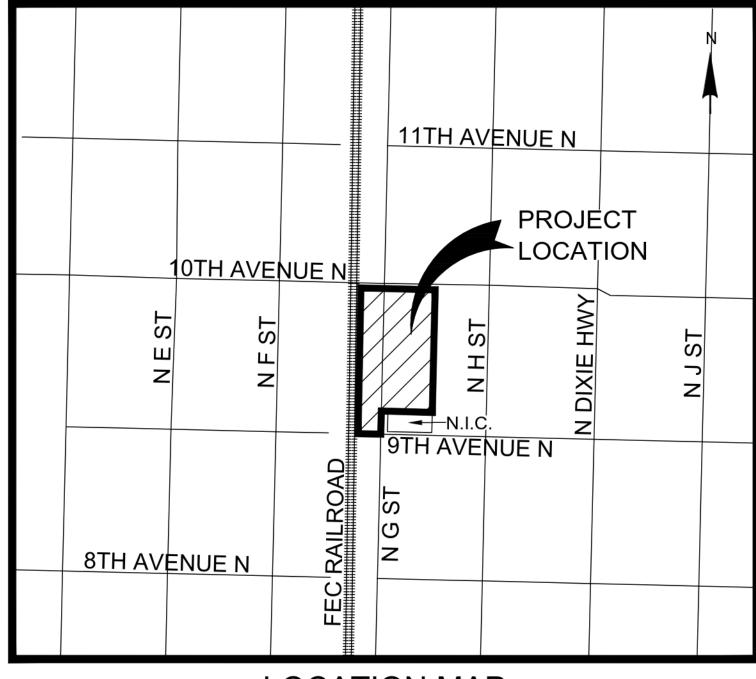
LANDSCAPE ARCHITECT ANDRES MONTERO LANDSCAPE ARCHITECTURE, LLC. 2208 NE 26TH STREET. #1 FORT LAUDERDALE, FL 33305 ANDRES MONTERO, PLA, ASLA PHONE: (954) 533-8259 EMAIL: AMONTERO@AMLASTUDIO.COM

FORMICA & ASSOCIATES INC. 980 N. FEDERAL HIGHWAY, SUITE 110 BOCA RATON, FL 33432 DANIEL HERNANDEZ PHONE: (561) 368-3611 EMAIL: DANIEL.F.HERNANDEZ@FORMICAENGINEERING.COM

SURVEYOR MILLER LAND SURVEYING 1121 LAKE WORTH AVENUE LAKE WORTH BEACH, FL 33460 MICHAEL MILLER, PLS PHONE: (561) 586-2669

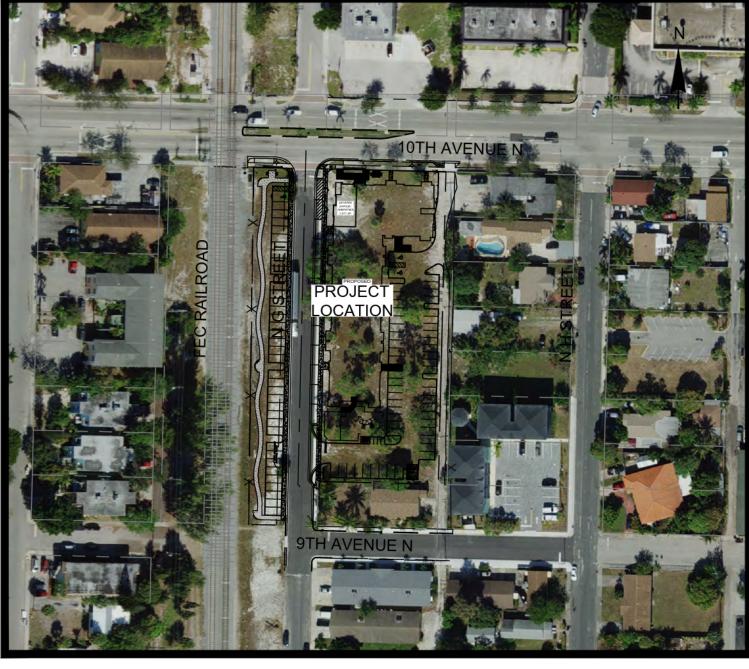
EMAIL: ORDERS@MILLERSURVEYING.COM

TRAFFIC ENGINEER SIMMONS & WHITE, INC. 2581 METRO CENTRE BOULEVARD, SUITE 3 WEST PALM BEACH, FLORIDA 33407 BRYAN G. KELLEY, P.E. PHONE: (561) 478-7848 EMAIL: BRYAN @SIMMONSANDWHITE.COM



LOCATION MAP

NOT TO SCALE



PROJECT OVERVIEW

NOT TO SCALE

CIVIL DRAWING INDEX

COVER	
SP1.0	SITE PLAN
C1.0	GENERAL NOTES
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C5.0	PAVEMENT MARKING AND SIGNAGE PLAN

LEGAL DESCRIPTION:

PARCEL 1:

LOT 10, BLOCK 272, TOWNSITE OF LUCERNE, ACCORDING TO THE PALM BEACH FARMS CO. PLAT NO. 2, RECORDED IN PLAT BOOK 2, PAGES 29 TO 40, INCLUSIVE, LESS THAT CERTAIN PORTION OF THE PREMISES AS RECORDED IN OFFICIAL RECORD BOOK 1445, PAGE 402, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

PARCELS 2 & 3:

LOTS 7 AND 8, BLOCK 274, THE PALM BEACH FARMS CO. PLAT NO.2 LUCERNE TOWNSITE (NOW KNOWN AS LAKE WORTH), ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 2, PAGE 29, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

PARCELS 4 & 5:

LOTS 3, 4, 5, AND 6, BLOCK 274, THE PALM BEACH FARMS CO. PLAT NO.2 LUCERNE TOWNSITE (NOW KNOWN AS LAKE WORTH), ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 2, PAGE 29, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

PARCEL 6:

LOT 2, BLOCK 274, THE PALM BEACH FARMS CO. PLAT NO.2 LUCERNE TOWNSITE (NOW KNOWN AS LAKE WORTH), ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 2, PAGE 29, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.



ENGINEER'S PROJECT# 137767

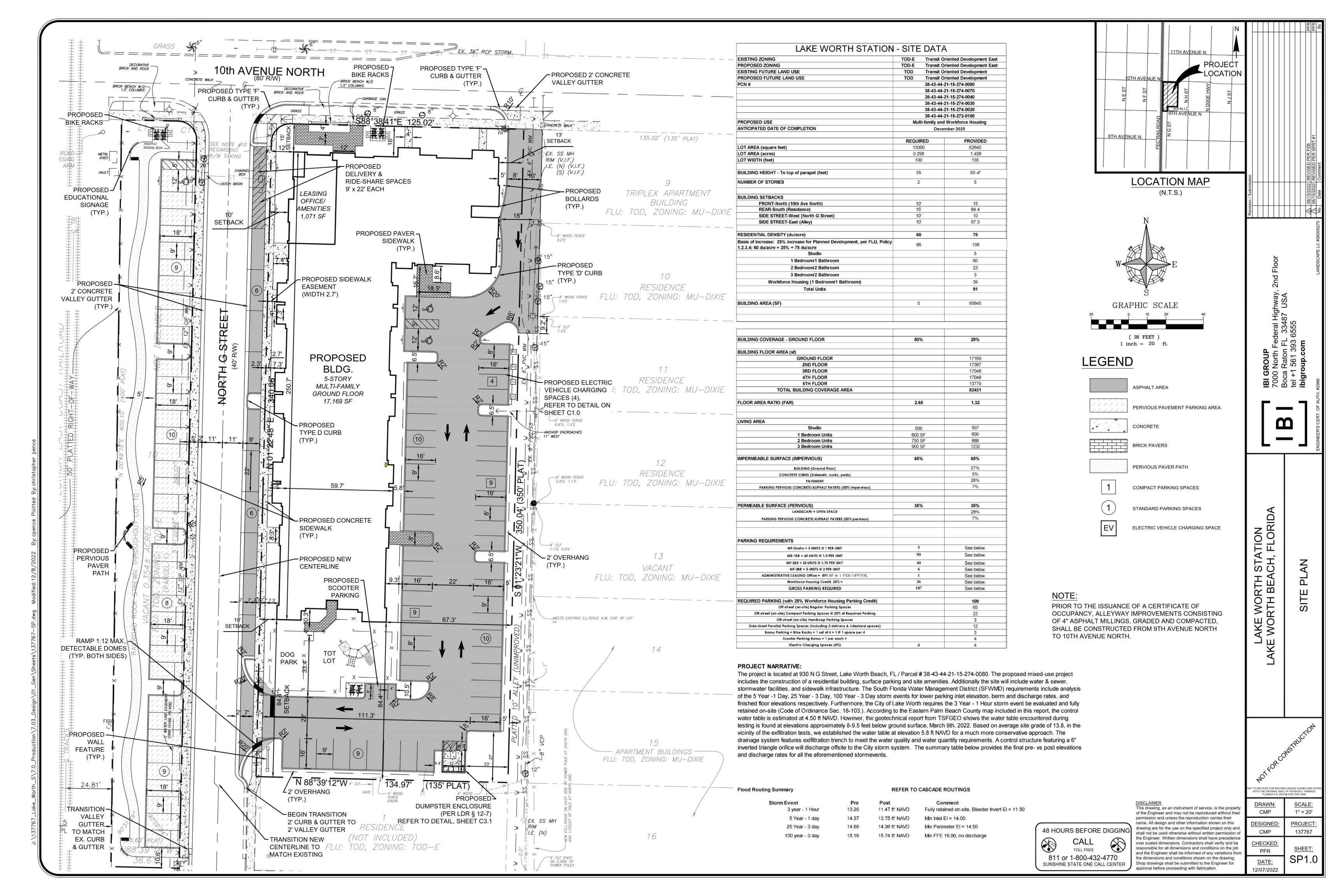


IBI GROUP

7000 North Federal Highway, 2nd Floor Boca Raton FL 33487 USA tel +1 561 393 6555

ibigroup.com	
	ENGINEED'S CERT OF ALITH #2066 LANDSCAPE LC #26000

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					No.	Date	Comment	Ву	WITH THE ORIGINAL SEAL OF PATRICIA F. RAMUDO, FLORIDA P.E. #35798 FOR THE FIRM.



WATER METER

FIRE HYDRANT ASSEMBLY

M 22° BEND FITTING TEE FITTING 45° BEND FITTING

> REDUCER SIAMESE CONNECTION SEWER MAIN

> > SEWER LATERAL W/ CLEANOUT

SEWER MANHOLE

PAVING, GRADING & DRAINAGE

_x7.71

CATCH BASIN DRAINAGE FLOW PROPOSED GRADE

DRAINAGE CULVERT

W = X.XXD = X.XX

WATER OVER DRAINAGE BOTTOM OF WATER TOP OF DRAINAGE

W=WATER MILLING AND RESURFACING AREA

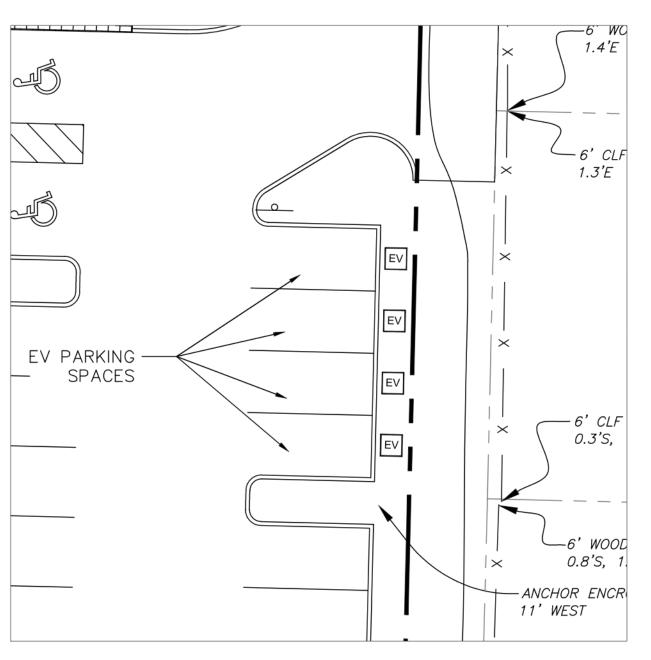
F=FORCEMAIN

D=DRAINAGE

S=SEWER

EXFILTRATION TRENCH

TYPICAL SECTION CUT



EV PARKING SPACE DETAIL

- THE FOUR (4) EV PARKING SPACES ARE TO BE LOCATED AT THE SINGLE COMPACT PARKING SPACES ON NORTHEAST PARKING AREA AS NOTED IN THE DETAIL ABOVE.
- 2. AS REQUIRED, 4% OF THE OFF-STREET PARKING SHALL BE PROVIDED AS EV PARKING SPACES. BASED ON THE 85 OFF-STREET PARKING SPACES PROVIDED, THE PROJECT WILL PROVIDE 4 EV PARKING SPACES.

GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM WITH THE FOLLOWING:
 - A) PLANS AND SPECIFICATIONS PREPARED BY IBI GROUP. B) PAVING, GRADING AND DRAINAGE: MINIMUM STANDARDS OF THE CITY OF LAKE WORTH BEACH,
 - SOUTH FLORIDA WATER MANAGEMENT DISTRICT AND SOUTH BROWARD DRAINAGE DISTRICT. C) ROADS AND STREETS: CITY OF LAKE WORTH BEACH.
 - D) WATER DISTRIBUTION: THE REQUIREMENTS OF THE FIRE MARSHALL, HEALTH DEPARTMENT AND CITY OF LAKE WORTH BEACH.
 - E) SANITARY SEWER: CITY OF LAKE WORTH BEACH AND PALM BEACH COUNTY E.P.G.M.D.
 - F) ALL APPLICABLE LOCAL, COUNTY AND STATE CODES AND ORDINANCES. G) WHEN CONFLICTS, OMISSIONS OR MODIFICATIONS EXIST, THE STRICTER PROVISION SHALL GOVERN. H) FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (LATEST EDITION) AND FEDERAL ADA
 - ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (LATEST EDITION). I) IN THE EVENT OF CONFLICT OR OMISSION BETWEEN THE PLANS AND THESE CODES/GUIDELINES, CONSTRUCTION SHALL BE EXECUTED IN CONFORMANCE WITH THE STRICTEST PROVISIONS OF THE CODES/GUIDELINES.
- 2. SEPARATE PERMITS SHALL BE REQUIRED FOR ANY IMPROVEMENT WORK IN THE PUBLIC RIGHT- OF-WAY.
- THESE PLANS SHOW THE APPROXIMATE LOCATION OF ALL KNOWN UTILITIES AND STORM DRAINS FOR THE PURPOSE OF AIDING THE OWNER AND HIS CONTRACTOR IN THE CONNECTION TO THOSE FACILITIES OR THE REMOVAL OR AVOIDANCE OF THOSE FACILITIES WHICH CONFLICT WITH THE PROPOSED CONSTRUCTION. THE PLANS HAVE BEEN PREPARED WITH THE BEST INFORMATION AVAILABLE. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND EXPOSE EXISTING FACILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO SAID FACILITIES AS A RESULT OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL LOCATE AND EXPOSE ALL EXISTING UTILITIES AND STORM DRAINS TO BE CONNECTED SUFFICIENTLY AHEAD OF CONSTRUCTION TO ALLOW REDESIGN BY THE ENGINEER, IF SUCH INSTALLATIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THESE PLANS. CONTRACTOR SHALL CONTACT CALL SUNSHINE @ 1-800-432-4770 AND ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION.
- ALL MATERIALS REMOVED FROM THE SITE ARE THE PROPERTY OF THE OWNER, AND AT HIS DIRECTION, SHALL BE DISPOSED OF OFF-SITE OR SAVED FOR HIS USE. THE CONTRACTOR SHALL PROVIDE A CONTINGENCY BID PRICE FOR DISPOSAL OF MATERIAL OFF-SITE AND PAYMENT SHALL BE BASED ON THE ACTUAL QUANTITY OF MATERIAL REMOVED.
- 5. THE EXISTING ELEVATIONS SHOWN HEREON ARE FOR THE PURPOSE OF INDICATING THE APPROXIMATE GROUND ELEVATION AT THE LOCATION SHOWN AND IN NO WAY REFLECT SURFACE CONDITIONS OR SUBSURFACE SOIL CONDITIONS. ALL SUBSURFACE CONDITIONS MUST BE VERIFIED.
- UNLESS OTHERWISE SPECIFIED ALL MUCK AND YIELDING MATERIAL WITHIN THE ROADWAYS, PARKING AREAS AND BUILDING AREAS SHALL BE REMOVED COMPLETELY AND REPLACED WITH CLEAN FILL MATERIAL COMPACTED TO NOT LESS THAN 100% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS DETERMINED BY AASHTO T-99 OR 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. NO ROCKS OR BOULDERS TO EXCEED 3" DIAMETER IN BUILDING
- ALL UNDERGROUND DRAINAGE AND UTILITIES SITUATED IN PAVED ROADWAYS OR PARKING AREAS, INCLUDING SEWER AND WATER SYSTEMS, DRAINAGE, ELECTRICAL DISTRIBUTION, LIGHTING, CATV, TELEPHONE AND CONDUITS SHALL BE COMPLETED BEFORE ANY SUBGRADE OR PAVING WORK COMMENCES.
- 8. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES WITHOUT INTERRUPTION IN SERVICE UNLESS AUTHORIZED BY THE OWNER AND ENGINEER.
- 9. BENCH MARK INFORMATION: SEE SURVEY. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- 10. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR PROTECTING ALL SURVEY STAKES AND MONUMENTS. REPLACEMENT COSTS OF ALL STAKES SHALL BE BORNE BY THE CONTRACTOR.
- 11. CONSTRUCTION OBSERVATION WILL BE PROVIDED BY THE ENGINEER AND IS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION AND AT LEAST 24 HOURS BEFORE REQUIRING INSPECTION ON EACH AND EVERY PHASE OF WORK.
- 12. A PRE-CONSTRUCTION MEETING IS TO BE HELD BETWEEN THE ENGINEER OF RECORD, THE CONTRACTOR, AND REPRESENTATIVES OF THE OWNER, UTILITIES, ENGINEERING DEPARTMENT AND DRAINAGE DISTRICT (IF APPLICABLE) PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE MEETING WILL BE SCHEDULED BY THE CONTRACTOR.
- 13. SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- 14. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF APPROVED CONSTRUCTION PLANS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION
- 15. THE CONTRACTOR SHALL CONFIRM ALL MEASUREMENTS IN THE FIELD AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCY WITH THE DRAWINGS PRIOR TO PERFORMING THE WORK, ALL QUANTITIES SHALL BE PAID ON THE BASIS OF FIELD MEASUREMENTS OF COMPLETED WORK, UNLESS THE CONTRACT PROVIDES FOR A LUMP SUM. PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- 16. COMPLETE "AS-BUILT" INFORMATION RELATIVE TO PIPE, STRUCTURES, VALVES, SERVICES, FITTINGS, LENGTH, VERTICAL ELEVATION, QUANTITY, AND MATERIAL SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE WORK. ALL AS-BUILT MEASUREMENTS SHALL BE TAKEN BY AN INDEPENDENT LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA AND INCLUDED IN THE "AS-BUILT" INFORMATION, FURNISHED BY THE CONTRACTOR AT HIS EXPENSE. FINAL ACCEPTANCE OF THE PROJECT IS SUBJECT TO THE FINAL REVIEW AND APPROVAL OF THE "AS-BUILT" INFORMATION FURNISHED TO THE REGULATORY AGENCIES, THE APPLICABLE UTILITY AND THE ENGINEER.
- 17. ALL EXISTING PIPE WHICH IS TO REMAIN IN THE GROUND BUT IS NOT TO BE USED SHALL BE PLUGGED TO PREVENT SOIL FROM ENTERING THE PIPE AND CAUSING GROUND SETTLEMENT. ALL WATER AND SEWER LINES SHALL BE PLUGGED WITH STANDARD PLUGS DESIGNED FOR THE GIVEN TYPE OF PIPE. DRAINAGE CULVERTS SHALL BE PLUGGED WITH BRICK AND
- 18. COMPACTED BACKFILL SHALL BE PLACED ALONGSIDE OF AND OVER ALL UNDERGROUND UTILITIES. DENSITY TESTS SHALL BE TAKEN TO VERIFY BACKFILL COMPACTION. DENSITY TESTS FOR SUBGRADE AND BASE MATERIALS SHALL BE PERFORMED AT THE DIRECTION OF THE ENGINEER, PROCTOR TESTS SHALL BE PAID FOR BY THE OWNER, ALL DENSITY TESTS SHALL BE PAID FOR BY THE OWNER IF THE REQUIRED DENSITY IS ACHIEVED. CONTRACTOR SHALL PAY FOR ALL
- 19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTING THE BACKFILL IN ALL TRENCHES CREATED BY THE REMOVAL OF EXISTING UTILITIES TO THE SAME SPECIFICATIONS AS REQUIRED FOR UTILITY CONSTRUCTION UNDER PAVEMENT AREAS OR HOUSE PAD COMPACTION AS APPROPRIATE DEPENDING ON THE TRENCH LOCATION. THE CONTRACTOR SHALL RESTORE THE SITE, INCLUDING SPRINKLER SYSTEMS, ETC., TO EQUAL OR BETTER THAN THE ORIGINAL CONDITION WITHOUT EXTRA COSTS TO THE OWNER.
- 20. THE MINIMUM FINISHED FLOOR ELEVATION FOR ANY BUILDING SHALL BE SET AT OR ABOVE ELEVATION ---- WHICH IS THE PROJECTED FLOOD STAGE PRODUCED BY THE ONE IN ONE HUNDRED YEAR FREQUENCY STORM PER SFWMD PERMIT.
- 21. PAVEMENT MARKING AND TRAFFIC SIGNS SHALL CONFORM TO LOCAL REGULATIONS AND TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS". PAVEMENT MARKINGS SHALL BE HIGHLY REFLECTIVE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- 22. THE CONTRACTOR SHALL HAVE COMPLETE RESPONSIBILITY FOR THE QUALITY AND EXECUTION OF THE WORK, THE TECHNIQUES AND SEQUENCES OF CONSTRUCTION, PROJECT SECURITY AND THE MAINTENANCE OF SAFETY DEVICES AND PRACTICES IN ACCORDANCE WITH O.S.H.A. AND ALL OTHER APPLICABLE STANDARDS. THE ENGINEER HAS NO DUTY IN CONNECTION THEREWITH THE CONTRACTOR SHALL PROVIDE ADEQUATE SUPERVISION OF THE WORK AND SHALL SCHEDULE ALL REQUIRED TESTS AND INSPECTIONS.
- 23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS BETWEEN STORM DRAINS AND WATER MAINS OR FORCE MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, WATER MAIN OR FORCE MAIN ALIGNMENT SHALL BE ADJUSTED TO CLEAR THE STORM DRAIN WITH 18" MINIMUM SEPARATION. IN CASE OF CONFLICT BETWEEN WATER MAIN AND FORCE MAIN, FORCEMAIN SHALL BE LOWERED TO PASS UNDER WATER MAIN WITH 18" MINIMUM SEPARATION. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR RAISING OR LOWERING THE MAINS OR THE ADDITIONAL FITTINGS USED THEREON. ANY REDUCTION IN THE MINIMUM 18" SEPARATION SHALL BE SUBJECT TO APPROVAL OF THE
- 24. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE CONTRACTOR SHALL FURNISH, PUT IN PLACE AND MAINTAIN SUCH SHEETING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS, AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER
- 25. THE CONTRACTOR SHALL ENSURE THAT EXISTING AND PROPOSED TRAFFIC CONTROL SIGNS ARE NOT OBSCURED BY EXISTING OR PROPOSED LANDSCAPING.
- 26. THE CONTRACTOR SHALL, PRIOR TO THE START OF CONSTRUCTION, EXPOSE EXISTING UTILITIES AT EACH POINT OF CONNECTION AND CROSSING, AND REPORT TO THE ENGINEER THE SIZE, MATERIAL AND ELEVATION.
- 27. CONTRACTOR SHALL, PRIOR TO START OF CONSTRUCTION, FILE FORM 62-621.300(4)(b) (NPDES N.O.I. TO USE GENERIC PERMIT) WITH THE FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION.

PROJECT SPECIFIC NOTES

- THE CONTRACTOR IS TO COORDINATE HIS/HER WORK AND SITE ACCESS WITH THE OTHER ENTITIES THAT MAY BE WORKING ON SITE. ANY CONFLICTS ON COORDINATION ISSUES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND/OR ENGINEER FOR MUTUAL RESOLUTION.
- PRE-BID SITE VISITS ARE REQUIRED BY ALL BIDDERS TO FAMILIARIZE THEM WITH SITE CONDITIONS. ALL ADDITIONAL DEMOLITION REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 3. FORTY-EIGHT (48) HOUR NOTICE IS REQUIRED BY THE ENGINEER PRIOR TO SITE INSPECTIONS AND/OR WITNESSING OF WATER AND/OR SEWER TESTING.
- ALL EXISTING TREES TO REMAIN SHALL BE BARRICADE PROTECTED FROM DAMAGE BY EQUIPMENT AND/OR PERSONNEL.
- THE PROPOSED PROJECT WILL NOT ADVERSELY AFFECT SIGNIFICANT HISTORICAL OR ARCHEOLOGICAL RESOURCES UNDER THE PROVISIONS OF SECTION 267.061, F.S. IF EVIDENCE OF THE EXISTENCE OF HISTORIC OR ARCHEOLOGICAL RESOURCES IS DISCOVERED OR OBSERVED AT DEVELOPMENT SITES OR DURING DEVELOPMENT ACTIVITIES AFTER FINAL APPROVAL. ALL WORK SHALL CEASE IN THE AREA OF EFFECT AS DETERMINED BY THE DIRECTOR. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER IMMEDIATELY, AND THE DEPARTMENT OF HISTORICAL RESOURCES WITHIN TWO WORKING DAYS. EXAMPLES OF EVIDENCE OF HISTORICAL RESOURCES INCLUDE WHOLE OR FRAGMENTARY STONE TOOLS, SHELL TOOLS, ABORIGINAL OR HISTORIC POTTERY, HISTORIC GLASS, HISTORIC BOTTLES, BONE TOOLS, HISTORIC BUILDING FOUNDATIONS, SHELL MOUNDS, SHELL MADDENS, OR SAND MOUNDS. THE DIRECTOR SHALL ASSESS THE SIGNIFICANCE OF THE FINDS AND MITIGATE ANY ADVERSE EFFECTS AS SOON AS POSSIBLE, BUT NO LATER THAN THREE WORKING DAYS OF NOTIFICATION.

TESTING NOTES

- TESTS SHALL BE LOCATED NO MORE THAN FIFTY (50) FEET APART. TESTS SHALL BE PERFORMED ON EACH LIFT, EXCEPT THAT TESTS SHALL NOT BE FURTHER APART THAN ONE (1) FOOT VERTICALLY. FIELD DENSITIES SHALL BE TAKEN OVER ALL ROAD CROSSINGS. FIELD DENSITIES FOR SANITARY LINES SHALL BE STAGGERED TO INCLUDE RESULTS OVER SERVICE LATERALS. THERE SHALL BE A MINIMUM OF ONE (1) TEST SERIES FOR EACH SIX (6) INCHES OF LIFT OVER PIPELINE BETWEEN MANHOLES OR CLEANOUTS. TESTS AROUND STRUCTURES SHALL BE SPIRALED IN SIX (6) INCH LIFTS. TESTS AROUND BOX
- FOR FLEXIBLE PIPE (CORRUGATED STEEL OR ALUMINUM), 95% OF MAXIMUM DENSITY (AASHTO-T99) PER FDOT SUPPLEMENTAL SPECIFICATIONS SUB ARTICLE 125-8.3.2 AS MODIFIED..
- THERE SHALL BE NO LESS THAN THREE (3) TESTS WITHIN THE PROPOSED ROAD, TWO (2) TESTS IN THE PARKING AREA AND ONE (1) TEST IN THE DRIVEWAY TO THE DUMPSTER PAD.
- 4. APPLIES TO SITE CONCRETE SUCH AS CURBS, GUTTERS, FLUMES, DRIVEWAYS AND SIDEWALKS.
- 5. ENGINEER OF RECORD SHALL RECEIVE MATERIAL TESTING REPORTS NO LATER THAN ONE (1) WEEK FROM THE TEST DATE.
- 6. TESTING FOR RCP SHALL BEGIN AT THE SPRING LINE OF THE PIPE.

HORIZONTAL SEPARATION OF PIPELINES

SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS OR

MAINS OR RECLAIMED WATER MAINS.

RECLAIMED WATER MAINS, AND AT LEAST SIX FEET FROM ALL JOINTS IN

GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER, FORCE

CULVERTS SHALL BE DONE ON BOTH SIDES EVERY LIFT.

- EMBANKMENT, FILL AND BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED IN LIFTS NOT TO EXCEED TWELVE (12) INCHES VERTICALLY. EACH COMPACTED LIFT SHALL PASS THE AFOREMENTIONED TESTING CRITERIA BEFORE PROCEEDING TO THE NEXT VERTICAL LIFT.
- DENSITY TESTS SHALL BE PERFORMED AT A MINIMUM FREQUENCY OF ONE (1) TEST PER EVERY ONE HUNDRED (100) SQUARE YARDS OF FILL MATERIAL
- 9. IF SUCCESSIVE VERTICAL LIFTS ARE PLACED, THE DENSITY TESTS SHALL BE STAGGERED SO AS TO NOT BE REPEATED IN THE SAME LOCATION.

TESTING SCHEDULE

ITEM	TEST	TEST FREQUENCY
PIPE TRENCH BACKFILL	OPTIMIUM MOISTURE/MAXIMUM DENSITY	PER SOIL TYPE
OVER PIPELINES AND AROUND STRUCTURES FROM R.O.W. LINE TO R.O.W. LINE AND IN STRUCTURAL AREAS	98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM BY AASHTO T180-57 (ASTM D1557-70)	(SEE NOTES 1 & 2 IN TESTING NOTES)
STABILIZED SUBGRADE	OPTIMUM MOISTURE/MAXIMUM DENSITY MINIMUM 40 LBR 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70)	PER MATERIAL TYPE PER MATERIAL TYPE (SEE NOTES 1 & IN TESTING NOTES)
BASE	OPTIMUM MOISTURE/MAXIMUM DENSITY MINIMUM 100 LBR 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70) - NO TOLERANCE	PER MATERIAL TYPE PER SOURCE EACH LIFT (SEE NOTE 3 IN TESTING NOTES)
	GRADATION, ATTERBURG LIMITS	PER SOURCE
CONCRETE (SEE NOTE 4 IN TESTING NOTES) (PER AASHTO & ASTM SPECS.)	SLUMP TEST MIN. COMPRESSIVE STRENGTH AT 28 DAYS COMPRESSIVE STRENGTH CYLINDERS AIR CONTENT	ONE (1) PER SET OF CYLINDERS 3,500 PSI ONE (1) SET OF THREE (3) CYLINDERS FOR ONE HUNDRED (100) CUBIC YARDS OR FRACTION THEREOF ONE (1) PER SET OF CYLINDERS
ASPHALTIC CONCRETE (PER FDOT SECTION 320)	AGGREGATE ANALYSIS DESIGN MIX BITUMEN CONTENT GRADATION STABILITY FLOW PROPERTIES OF IN-PLACE MATERIALS (MARSHALL) THICKNESS 95% OF LAB DENSITY	ONE PER DESIGN ONE PER TYPE ONE PER DAY ONE PER DAY ONE PER DAY (SEE NOTE 3 IN TESTING NOTES) (SEE NOTE 3 IN TESTING NOTES)

SEPARATION OF WATER & SEWER LINES

ALTERNATE CONSTRUCTION

TOLL FREE

811 or 1-800-432-4770

SUNSHINE STATE ONE CALL CENTER

1101	AZONINE OEI NIONTON OI I II EEINEO	AETERIA/TE GONOTION
MINIMUM SEPARATION	BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED WASTEWATER LINE WHEN POSSIBLE	WHERE AN UNDERGROUND WATER MAIN IS BEING LAID LESS THAN THE REQUIRED MINIMUM HORIZONTAL DISTANCE FROM ANOTHER PIPELINE AND WHERE AND UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND JOINTS IN THE WATER MAIN ARE BEING LOCATED LESS THAN THE
THREE FEET, AND PREFERABLY TEN FEET	STORM SEWER, STORMWATER FORCE MAIN OR RECLAIMED WATER MAIN	REQUIRED MINIMUM VERTICAL DISTANCE FROM JOINTS IN THE OTHER PIPELINE.
THREE FEET, AND PREFERABLY TEN FEET	VACUUM-TYPE SANITARY SEWER	1. USE OF PRESSURE-RATED PIPE CONFORMING TO THE AMERICAN WATER WORKS ASSOCIATION STANDARDS INCORPORATED INTO RULE 62-555.330, F.A.C., FOR THE OTHER PIPELINE IF IT IS A GRAVITY- OR VACUUM-TYPE PIPELINE;
SIX FEET, AND PREFERABLY TEN FEET	GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR RECLAIMED WATER MAIN NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.	USE OF WELDED, FUSED OR OTHERWISE RESTRAINED JOINTS FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE; OR
	THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY- TYPE SANITARY SEWERS SHALL BE REDUCED	3. USE OF WATERTIGHT CASING PIPE OR CONCRETE ENCASEMENT AT LEAST FOUR (4) INCHES THICK FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE.
	TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER	WHERE AN UNDERGROUND WATER MAIN IS BEING LAID LESS THAN THREE FEET HORIZONTALLY FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND IS BEING LAID LESS THAN
TEN FEET	"ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM"	THE REQUIRED MINIMUM VERTICAL DISTANCE FROM THE OTHER PIPELINE;
VERTICA	L SEPARATION OF PIPELINES	1. USE OF PIPE, OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (I.E.
MINIMUM SEPARATION DISTANCE FROM THE (OUTSIDE TO OUTSIDE)	NEW OR RELOCATED. UNDERGROUND WATER CROSSING ANY EXISTING OR PROPOSED	HAVING AN IMPACT STRENGTH AT LEAST EQUAL TO THAT OF 0.25-INCH- THICK DUCTILE IRON PIPE) OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE WATER MAIN; AND
6 INCHES, PREFERABLY 12 INCHES ABOVE	GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER	2. USE OF PIPE, OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (I.E. HAVING A 0.25-INCH-THICK DUCTILE IRON PIPE) OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE OTHER PIPELINE IF IT IS NEW AND IS
12 INCHES BELOW	GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER	CONVEYING WASTEWATER OR RECLAIMED WATER.
12 INCHES ABOVE OR BELOW	PRESSURE-TYPE SANITARY SEWER, WASTEWATER, STORMWATER FORCE MAIN OR PIPELINE CONVEYING RECLAIMED WATER MAIN	DISCLAIMER
	ATER MAIN PIPE SHALL BE CENTERED ABOVE OR LINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS HER PIPELINE.	This drawing, as an instrument of service, is the proper of the Engineer and may not be reproduced without the permission and unless the reproduction carries their name. All design and other information shown on this drawing are for the use on the specified project only an
•	PES SHALL BE ARRANGED SO THAT ALL WATER MAIN IREE FEET FROM ALL JOINTS IN VACUUM-TYPE	48 HOURS BEFORE DIGGING shall not be used otherwise without written permission the Engineer. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be

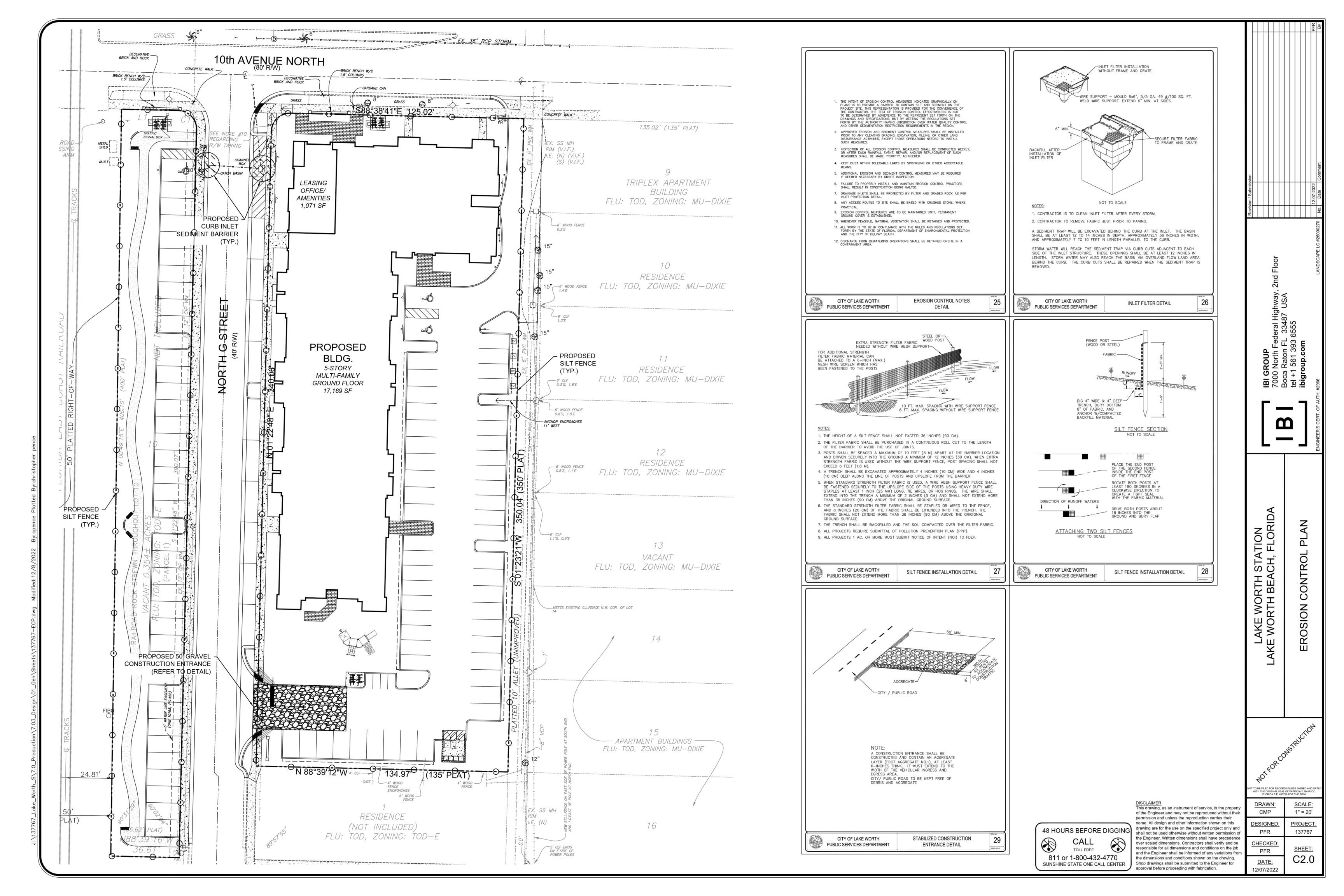
ce, is the propert uced without thei carries their shown on this I project only an tten permission o have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and the Engineer shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to the Engineer for

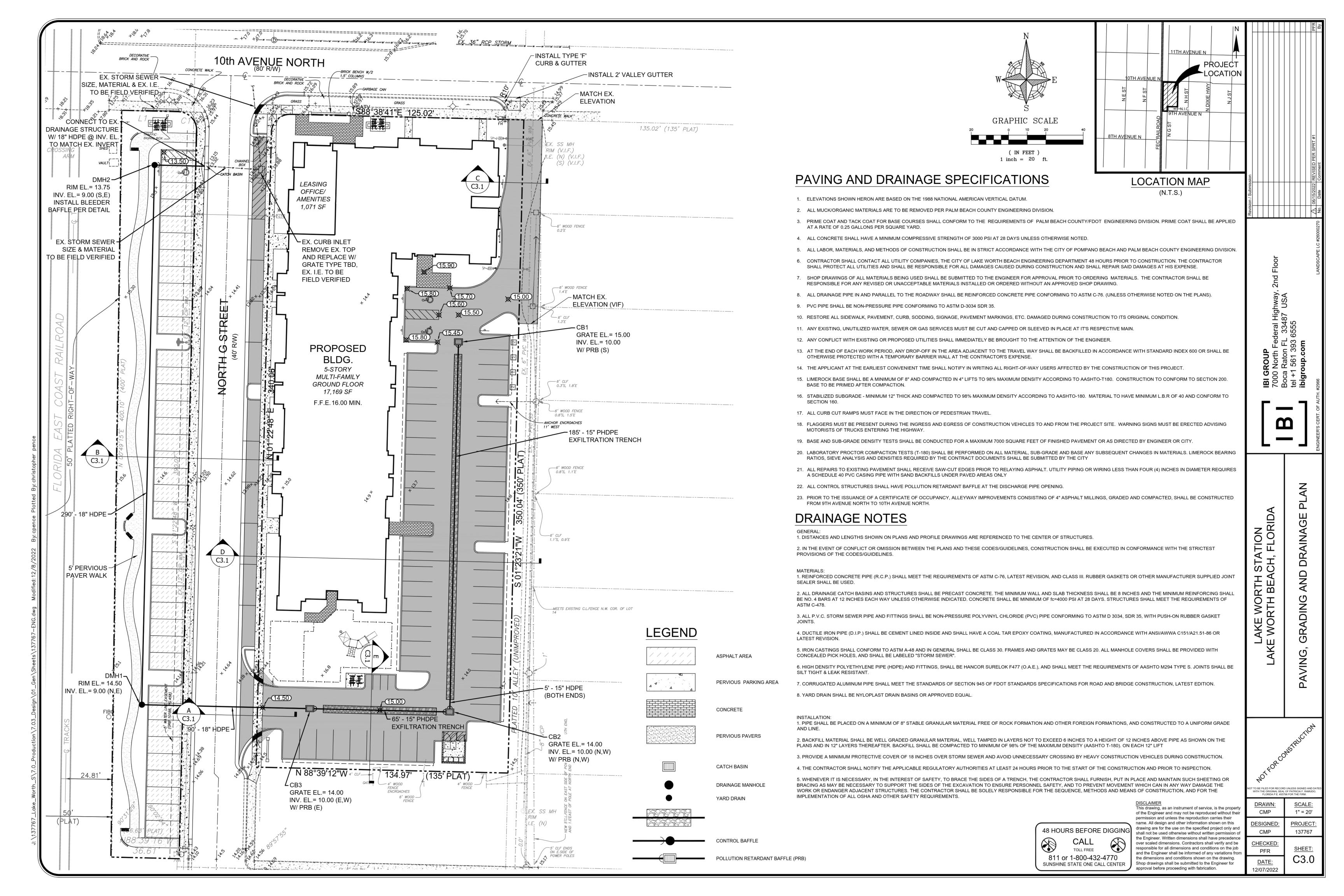
approval before proceeding with fabrication.

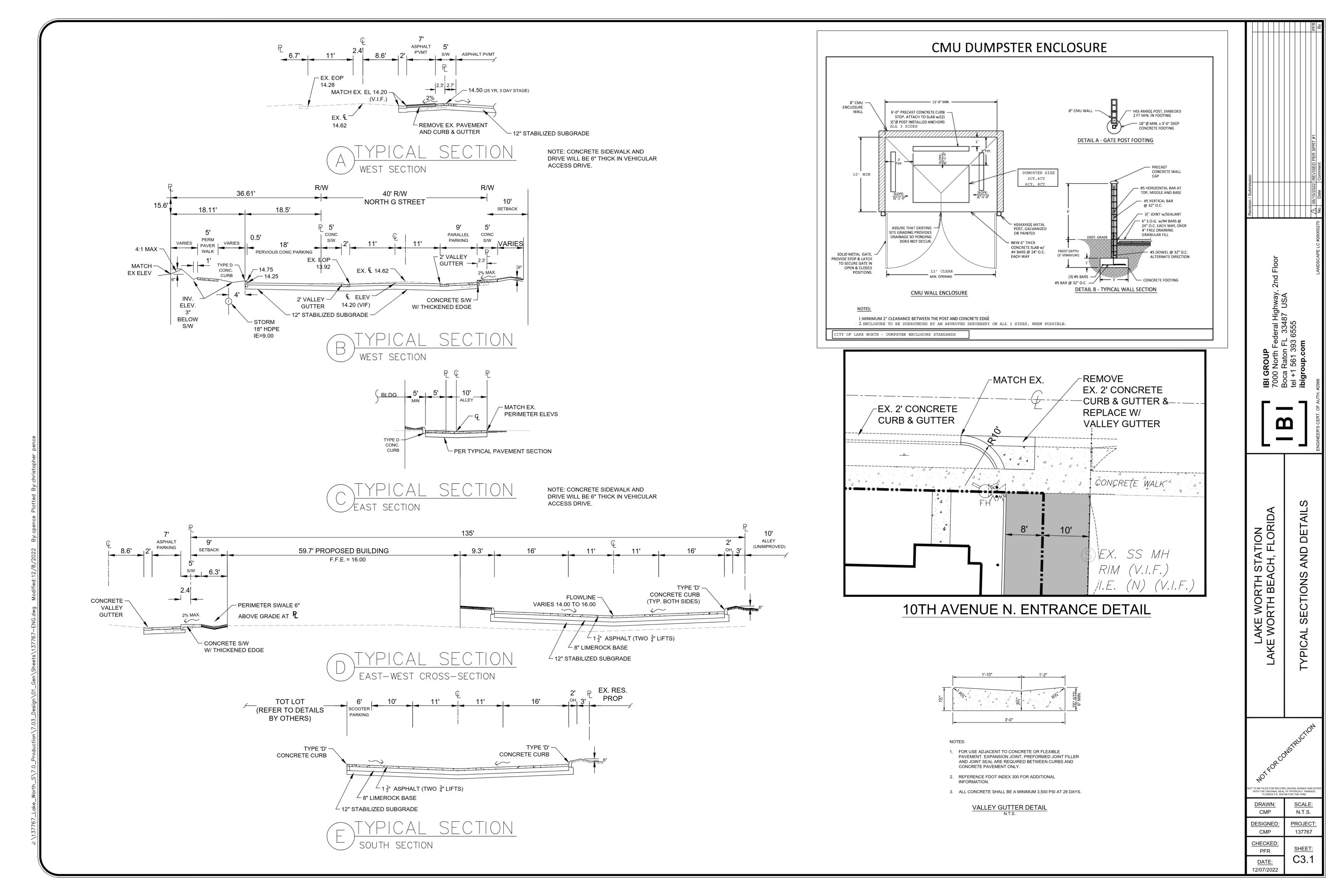
WITH THE ORIGINAL SEAL OF PATRICIA F. RAMUDI FLORIDA P.E. #35798 FOR THE FIRM. CMP N.T.S.

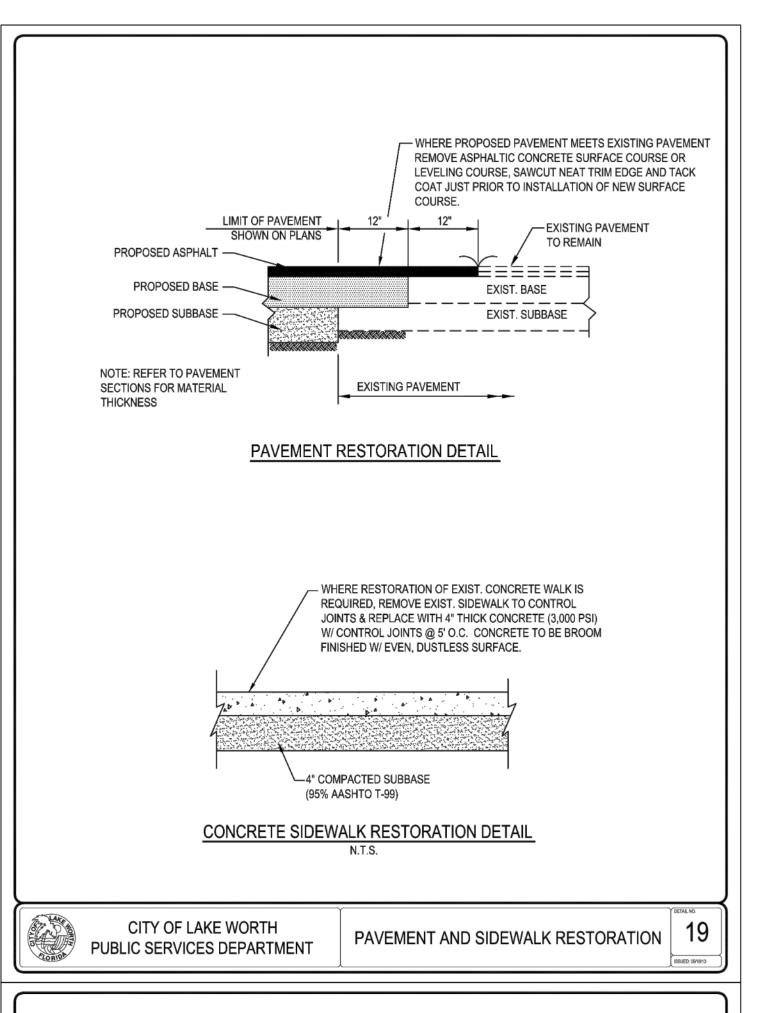
PROJECT 137767 CMP C1.0 DATE:

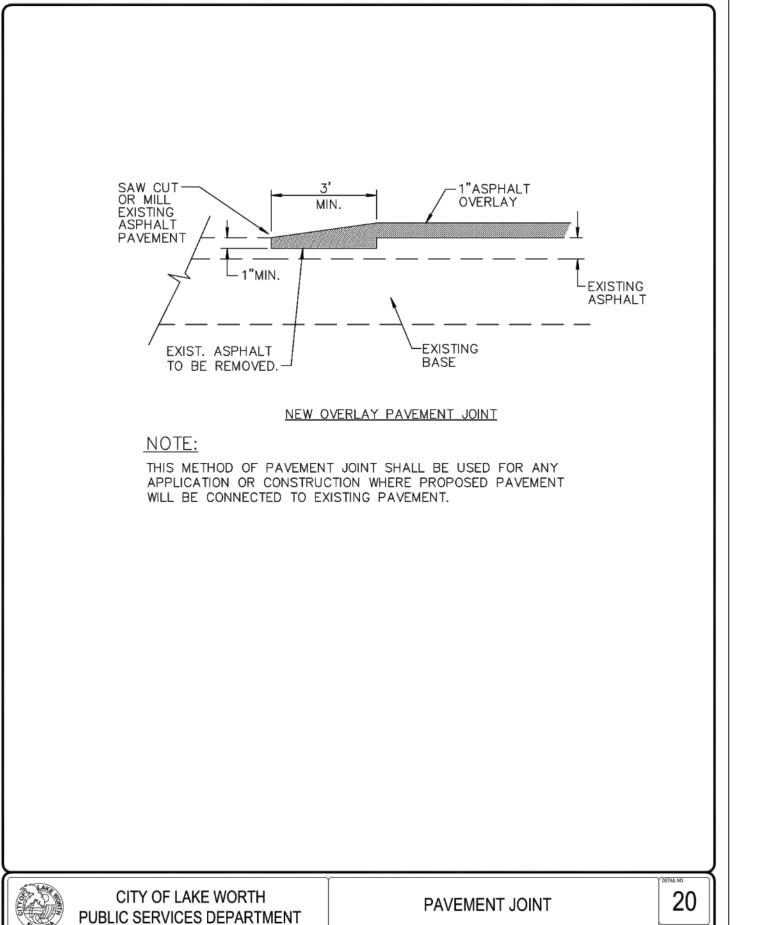
12/07/2022

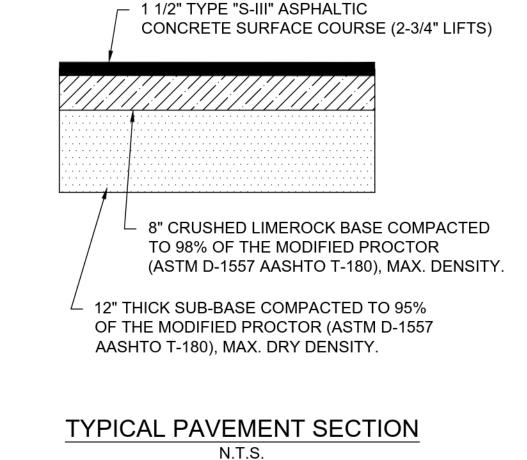


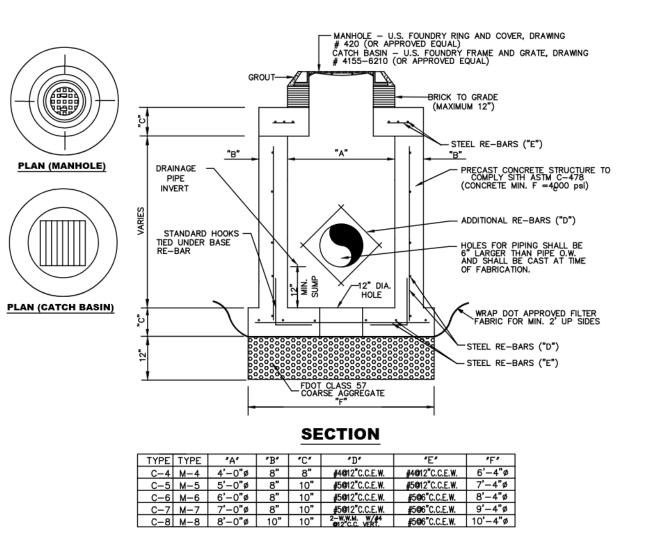












FOR CURB INLET: USE USF 5130-6168 FRAME AND GRATE (O.A.E.) FOR DROP CURB: USE USF 5112-6143 FRAME AND GRATE (O.A.E.) PRECAST DRAINAGE MANHOLE OR CIRCULAR CATCH BASIN

1. PLASTIC FILTER FABRIC OR FILTER CLOTH (AT EA. SIDE, TOP AND BOTTOM) SHALL BE USED IN SANDY

2. IF BALLAST ROCK IS NOT PRE-WASHED, AFTER IT HAS BEEN PLACED TO THE PROPER ELEVATION, IT

EXFILTRATION TRENCH DETAIL

SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER IN ORDER TO ALLOW FOR INITIAL SETTLEMENT THAT MAY OCCUR. IF IT DOES TAKE PLACE, ADDITIONAL BALLAST ROCK WILL BE ADDED TO RESTORE THE BALLAST ROCK TO THE PROPER ELEVATION, SO THAT THE

AREAS AS NOTED IN PLANS AND/OR AS DIRECTED BY THE ENGINEER.

EXFILTRATION TRENCH BE COMPLETED IN ACCORDANCE WITH THE DETAILS.

4. POLLUTION RETARDENT BAFFLE (PRB) REQUIRED AT EACH PIPE OPENING.

BALLAST ROCK

(SEE NOTE 2)

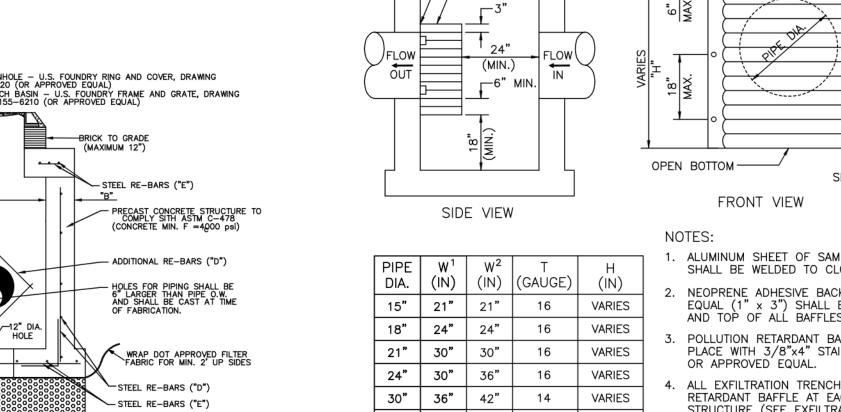
LENGTH OF FRENCH DRAIN —

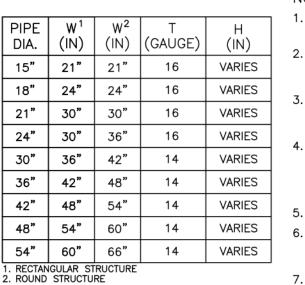
LONGITUDINAL SECTION

INVERT ELEVATION TO BE AS SHOWN IN PLANS.

- SELECT FILL

TYPE C INLET





-NEOPRENE GASKET (SEE NOTE #2)

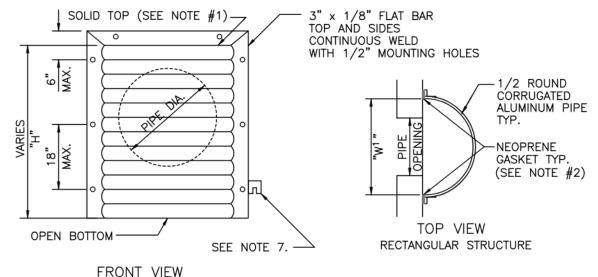
HALF PIPE

(MIN.)

-NEOPRENE GASKET

(SEE NOTE #2)

HALF PIPE



TOP VIEW

ROUND STRUCTURE

ALUMINUM SHEET OF SAME THICKNESS (GAUGE) AS PIPE SHALL BE WELDED TO CLOSE OPENING AT THE TOP. NEOPRENE ADHESIVE BACKED GASKET, OR APPROVED EQUAL (1" x 3") SHALL BE INSTALLED ON THE SIDES

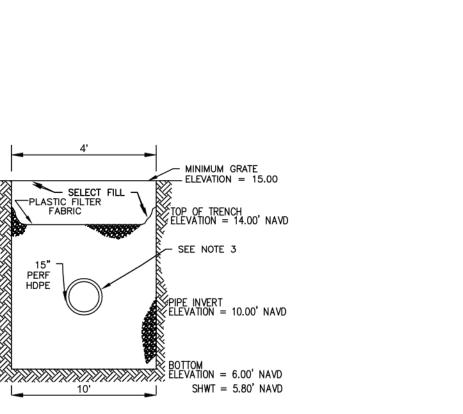
POLLUTION RETARDANT BAFFLE TO BE FASTENED IN PLACE WITH 3/8"x4" STAINLESS STEEL "RED HEADS", ALL EXFILTRATION TRENCHES SHALL HAVE A POLLUTION

RETARDANT BAFFLE AT EACH CONNECTION POINT TO A STRUCTURE (SEE EXFILTRATION TRENCH DETAIL). THE BOTTOM OF THE BAFFLE SHALL BE A MIN. OF 12" BELOW C.W.E. FIBERGLASS BAFFLES ARE NOT PERMITTED

MOUNTING BRACKETS MAY BE ADDED TO FLAT BARS TO EASE INSTALLATION IN ROUND STRUCTURES. SPACING TO MATCH HOLES IN FLAT BARS.

7. FOR POLLUTION RETARDANT BASINS THE BOTTOM ELEVATION OF THE BAFFLE MUST BE A MINIMUM OF 2' BELOW THE CONTROL WATER ELEVATION.

POLLUTION RETARDANT BAFFLE (PRB) DETAIL

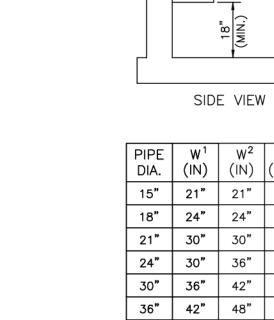


- MINIMUM GRATE

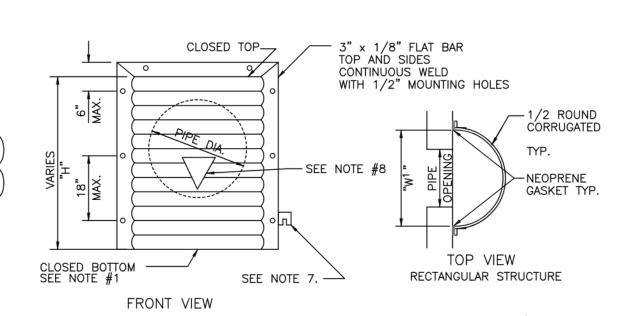
SEE NOTE 3

SELECT FILL PLASTIC FILTER
FABRIC

TRANSVERSE SECTION



DIA. | (IN) | (IN) |(GAUGE) | 15" | 21" | 21" 16 VARIES 18" | 24" | 24" 16 21" | 30" | 30" 16 24" | 30" | 36" 16 30**"** | 36" | 42" 14 36**" | 42" |** 48" 14 **42" | 48" |** 54" | 14 VARIES **48"** | **54"** | **60"** | 14 VARIES 54**"** | 60" | 66" 14 1. RECTANGULAR STRUCTURE 2. ROUND STRUCTURE



ALUMINUM SHEET OF SAME THICKNESS (GAUGE) AS PIPE SHALL BE WELDED TO CLOSE OPENING AT THE TOP. NEOPRENE ADHESIVE BACKED GASKET, OR APPROVED

EQUAL (1" x 3") SHALL BE INSTALLED ON THE SIDES AND TOP OF ALL BAFFLES. POLLUTION RETARDANT BAFFLE TO BE FASTENED IN PLACE WITH 3/8"x4" STAINLESS STEEL "RED HEADS", OR APPROVED EQUAL.

ALL EXFILTRATION TRENCHES SHALL HAVE A POLLUTION RETARDANT BAFFLE AT EACH CONNECTION POINT TO A STRUCTURE (SEE EXFILTRATION TRENCH DETAIL). THE BOTTOM OF THE BAFFLE SHALL BE A MIN. OF 12"

BELOW C.W.E. FIBERGLASS BAFFLES ARE NOT PERMITTED. MOUNTING BRACKETS MAY BE ADDED TO FLAT BARS TO

EASE INSTALLATION IN ROUND STRUCTURES. SPACING TO MATCH HOLES IN FLAT BARS. 7. FOR POLLUTION RETARDANT BASINS THE BOTTOM ELEVATION

OF THE BAFFLE MUST BE A MINIMUM OF 2' BELOW THE CONTROL WATER ELEVATION.

8. 6" INVERTED TRIANGLE BLEEDER INV. ELEV. 11.50 NAVD.

CONTROL BAFFLE DETAIL

48 HOURS BEFORE DIGGING TOLL FREE 811 or 1-800-432-4770 SUNSHINE STATE ONE CALL CENTER

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TOP VIEW

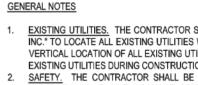
ROUND STRUCTURE

WITH THE ORIGINAL SEAL OF PATRICIA F. RAMUDI FLORIDA P.E. #35798 FOR THE FIRM. N.T.S. PROJECT 137767 CMP

AKE WORT WORTH BE

DRAINA

DATE: 12/07/2022



EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND "SUNSHINE STATE ONE CALL OF FLORIDA, INC." TO LOCATE ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES DURING CONSTRUCTION AND RESETTING UTILITIES TO NEW GRADE AND SLOPE WITHIN THE LIMITS OF CONSTRUCTION. SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE PROVISIONS OF THE FLORIDA TRENCH SAFETY ACT, THE FLORIDA UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT, AND ALL APPLICABLE O.S.H.A. REQUIREMENTS. THE CONTRACTOR SHALL BE

RESPONSIBLE FOR TAKING ALL NECESSARY PRECAUTIONS WHEN WORKING IN THE VICINITY OF OVERHEAD ELECTRIC LINES. MAINTENANCE OF TRAFFIC. CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC (MOT) PLANS, PREPARED BY A WORK SITE TRAFFIC SUPERVISOR AS CERTIFIED BY THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION, PRIOR TO COMMENCING CONSTRUCTION WITHIN CITY OF LAKE WORTH

RIGHT-OF-WAY ACCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFE VEHICULAR AND PEDESTRIAN ACCESS AT ALL TIMES. WARRANTY. ALL WORK, MATERIALS, OR EQUIPMENT SHALL BE WARRANTIED FOR A MINIMUM OF ONE YEAR, FROM THE DATE OF FINAL ACCEPTANCE BY THE

CITY OF LAKE WORTH, AGAINST DEFECTIVE MATERIALS AND/OR WORKMANSHIP. ALL WORK FOUND TO BE DEFECTIVE WILL BE REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE CITY OF LAKE WORTH. SHOP DRAWINGS. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF SEVEN (7) COPIES (OR MORE, IF REQUIRED) OF SHOP DRAWINGS, PRODUCT DATA MATERIAL SPECIFICATIONS AND OTHER INFORMATION REGARDING CONSTRUCTION MATERIALS AND STRUCTURES AS REQUESTED BY THE ENGINEER OF RECORD OR THE CITY OF LAKE WORTH. SHOP DRAWINGS MUST BE NEWLY PREPARED INFORMATION, DRAWN TO ACCURATE SCALE. STANDARD INFORMATION PREPARED WITHOUT SPECIFIC REFERENCE TO THE PROJECT WILL BE RETURNED TO THE CONTRACTOR WITHOUT REVIEW. SHOP DRAWINGS SHALL BE SUBJECT TO THE FOLLOWING:

A. BY SUBMITTAL OF ANY SHOP DRAWING OR CATALOG DATA, BEARING AN APPROVAL STAMP, THE CONTRACTOR REPRESENTS THAT IT HAS DETERMINED AND VERIFIED ALL FIELD MEASUREMENTS, FIELD CONSTRUCTION CRITERIA, MATERIALS, DIMENSIONS, CATALOG NUMBERS AND SIMILAR DATA, OR WILL DO SO, AND THAT IT HAS CHECKED AND COORDINATED EACH ITEM WITH OTHER APPLICABLE APPROVED SHOP DRAWINGS AND THE

B. SHOP DRAWINGS AND CATALOG DATA SUBMITTED WITHOUT THE CONTRACTOR'S STAMP OF APPROVAL WILL BE RETURNED TO THE CONTRACTOR WITHOUT REVIEW. APPROVAL OF SHOP DRAWINGS, SAMPLES, OR CATALOG DATA BY THE ENGINEER OF RECORD OR THE CITY OF LAKE WORTH SHALL NOT AUTHORIZE ANY DEVIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS C. ANY PROPOSED SUBSTITUTE OR EQUAL TO THE THAT SHOWN ON THE CONTRACT DOCUMENTS SHALL BE ACCOMPANIED BY CALCULATIONS

SUBSTANTIATING EQUIVALENCY. SHOP DRAWINGS WITH SUBSTITUTE MATERIALS NOT ACCOMPANIED BY CALCULATIONS WILL BE RETURNED D. THE CONTRACTOR SHALL CONFIRM COMPATIBILITY OF PIPE SLOPES AND INVERTS DURING THE SHOP DRAWING AND MATERIALS ORDERING PHASE OF

THE PROJECT AND ADVISE THE ENGINEER OF RECORD IN WRITING OF ANY DISCREPANCIES. E. INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOG LITERATURE WILL NOT BE ACCEPTED FOR PRECAST FIELD REVIEWS. THE CONTRACTOR SHALL PROVIDE NOTIFICATION, 48 HOURS (MIN.), PRIOR TO ANY REQUIRED FIELD REVIEWS OR INSPECTIONS AND SHALL

SUPPLY ALL NECESSARY EQUIPMENT, 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 OF LAKE WORTH AND THE ENGINEER OF RECORD. DENSITY TESTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY TESTING TO ENSURE THAT THE PROPER COMPACTION HAS BEEN ACHIEVED FOR ALL SUBGRADE, BASE MATERIAL, PIPE BASE MATERIAL, BACKFILL, & ALL OTHER AREAS WHERE COMPACTION REQUIREMENTS ARE SPECIFIED. ALL TEST RESULTS SHALL BE SIGNED & SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER AND COPIES SHALL BE PROVIDED TO THE ENGINEER OF RECORD AND THE CITY OF LAKE WORTH.

PERMITS. THE CONTRACTOR SHALL NOT COMMENCE CONSTRUCTION PRIOR TO RECEIPT OF ALL APPLICABLE PERMITS AND APPROVALS INCLUDING AN APPROVED MAINTENANCE OF TRAFFIC PLAN. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE REQUIREMENTS OF THE PERMITS AND AGENCY

EROSION CONTROL. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH FDOT INDICES 102, 103 AND 106, THE FDEP NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT (IF APPLICABLE), AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). FILTER FABRIC. HAY BALES, OR ROCK BAGS SHALL BE INSTALLED IN EACH INLET THROUGHOUT THE CONSTRUCTION PERIOD. A SOIL TRACKING PREVENTION DEVICE (STPD) SHALL CONSTRUCTED AT ALL UNSTABILIZED CONSTRUCTION ACCESS POINTS, PER FDOT INDEX NO. 106. STORM DRAINAGE. ALL STORM DRAINAGE PIPE JOINTS SHALL BE WRAPPED IN FILTER FABRIC PER FDOT STANDARD INDEX NO. 280. ALL DRAINAGE

STRUCTURES SHALL CONFORM TO THE REQUIREMENTS OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. ALL GRATES SHALL BE SECURED TO THE STRUCTURES WITH AN EYEBOLT AND CHAIN. ALL STORM DRAINAGE SHALL BE FREE OF SILT AND SEDIMENT AT THE TIME OF FINAL ACCEPTANCE BY THE CITY OF LAKE WORTH. DEWATERING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ANY DEWATERING PERMITS AND/OR APPROVALS NECESSARY FOR CONSTRUCTION. NO WATER FROM DEWATERING MEASURES SHALL BE DISCHARGED OFF-SITE. ALL DISCHARGE SHALL BE CONTAINED IN

ON-SITE SEDIMENT BASINS. SIDEWALKS. ALL SIDEWALKS SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, CHAPTER 11 - FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION. ALL CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 304 AND THE REQUIREMENTS OF THE FLORIDA BUILDING CODE. ALL WALKWAYS CROSSING VEHICULAR AREAS SHALL HAVE A DETECTABLE WARNING SURFACE (TRUNCATED DOMES) IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 304 AND THE FLORIDA BUILDING CODE, CHAPTER 11 - ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION. ALL SIDEWALKS SHALL BE BROOM FINISHED WITH AN EVEN, DUSTLESS SURFACE AND SHALL BE FREE OF CRACKS AT TIME OF

FINAL ACCEPTANCE BY THE CITY OF LAKE WORTH. <u>PAVEMENT.</u> WHERE FULL-DEPTH PAVEMENT REPLACEMENT IS SPECIFIED, EXISTING BASEROCK MAY NOT BE RE-USED, HOWEVER IT MAY BE UTILIZED AS SUBGRADE STABILIZATION MATERIAL. ALL SUBGRADE SHALL BE FREE OF MUCK, ROOTS, UNDERBRUSH, VEGETATIVE MATTER, GARBAGE, TRASH, OR AN' OTHER UNSUITABLE MATERIALS. BASEROCK AND ASPHALT SHALL BE PLACED IN MULTIPLE LIFTS AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. FINAL LIFT OF ASPHALT SHALL PROVIDE A UNIFORM FINISH AND SHALL BE PLACED TO CORRECT MINOR IMPERFECTIONS IN THE FIRST LIFT AND TO PROVIDE POSITIVE DRAINAGE FOR THE ROADWAY.

<u>SIGNING AND PAVEMENT MARKING.</u> ALL PAVEMENT MARKINGS WITHIN CITY OF LAKE WORTH RIGHT-OF-WAY SHALL BE THERMOPLASTIC. THERMOPLASTIC SHALL NOT BE INSTALLED ON PAVEMENT UNTIL A MINIMUM OF FIVE CALENDAR DAYS AFTER THE FINAL LIFT OF ASPHALT HAS BEEN COMPLETED. BLUE/BLUE REFLECTIVE PAVEMENT MARKERS (RPM) SHALL BE INSTALLED TO INDICATE THE LOCATION OF ALL FIRE HYDRANTS.

LARGE ROCK, MUCK, AND DEBRIS.

1. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND

4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS

5. COMPACT BACKFILL TO 98% DENSITY UNDER PAVEMENT AND

BACKFILL OPERATIONS, CONTRACTORS NOT FOLLOWING THIS

PROCEDURE, FOR WHATEVER REASONS, SHALL BE REQUIRED TO

RE-EXCAVATE THE AREA IN QUESTION, DOWN TO THE BEDDING

MATERIAL, THEN BACKFILL FOLLOWING THE ABOVE PROCEDURES.

TO 95% DENSITY ELSEWHERE.(AASHTO T-180)

LARGE ROCKS SHALL BE REMOVED; BEDDING MATERIAL AND

BACKFILL CONSISTING OF WASHED AND GRADED LIMEROCK 3/8"

CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT

∵MAX.

-7/8" SIZING.

CITY OF LAKE WORTH

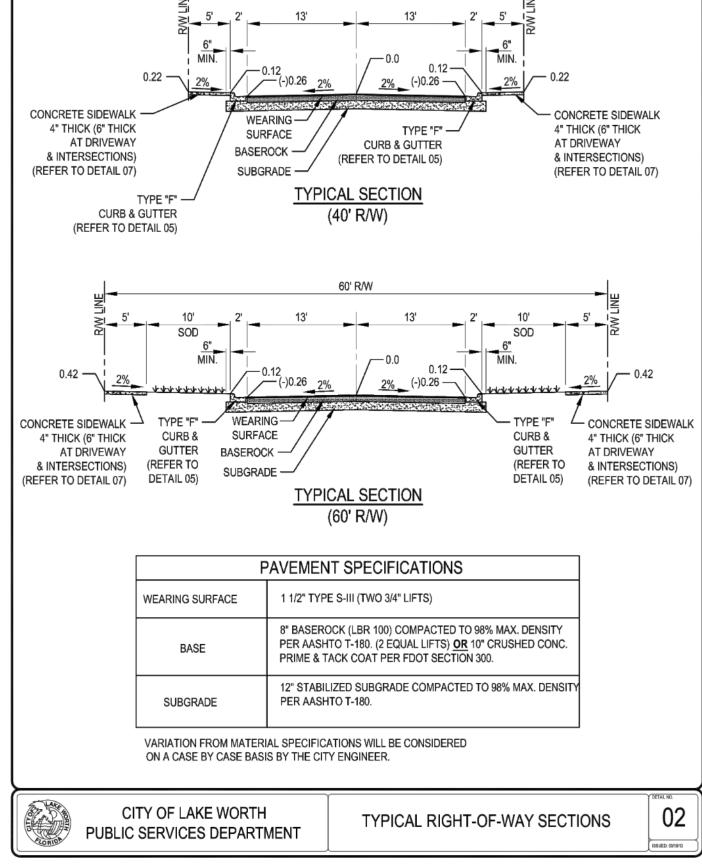
PUBLIC SERVICES DEPARTMENT

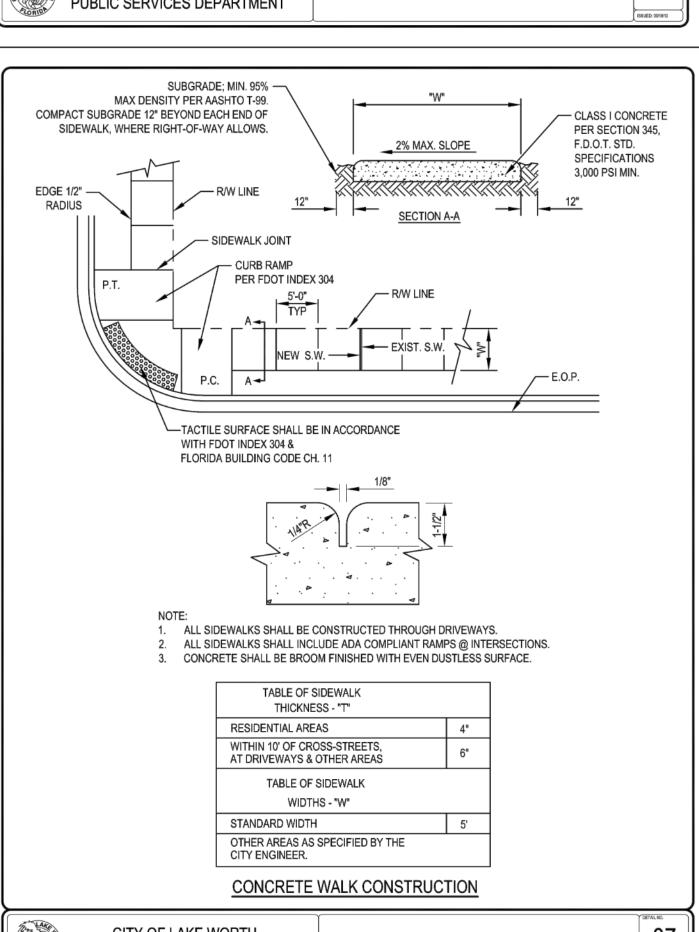
HAUNCHES.

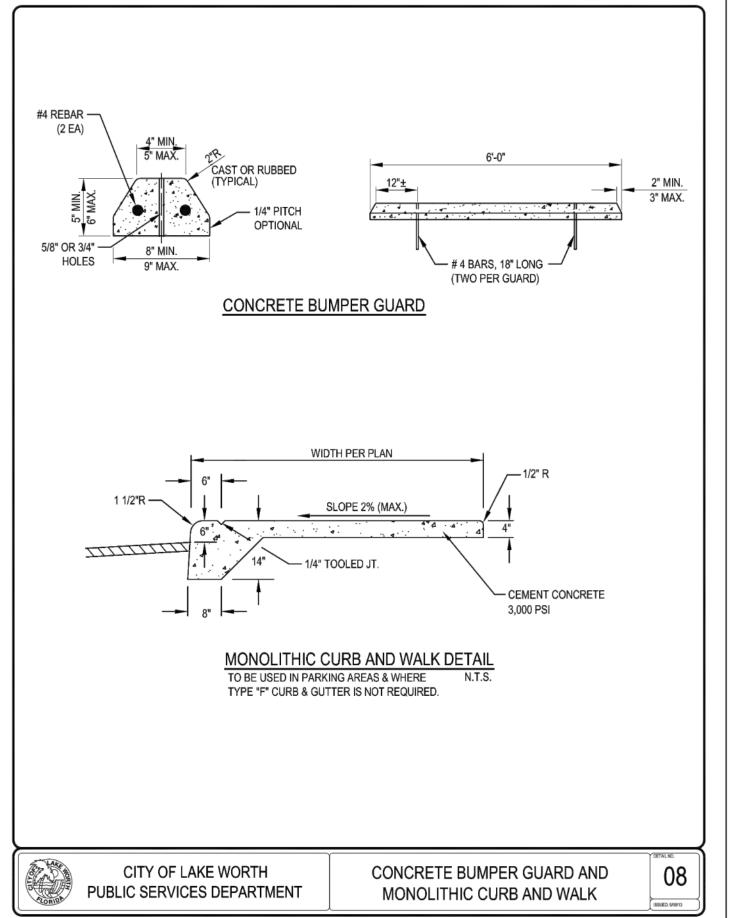
GENERAL NOTES

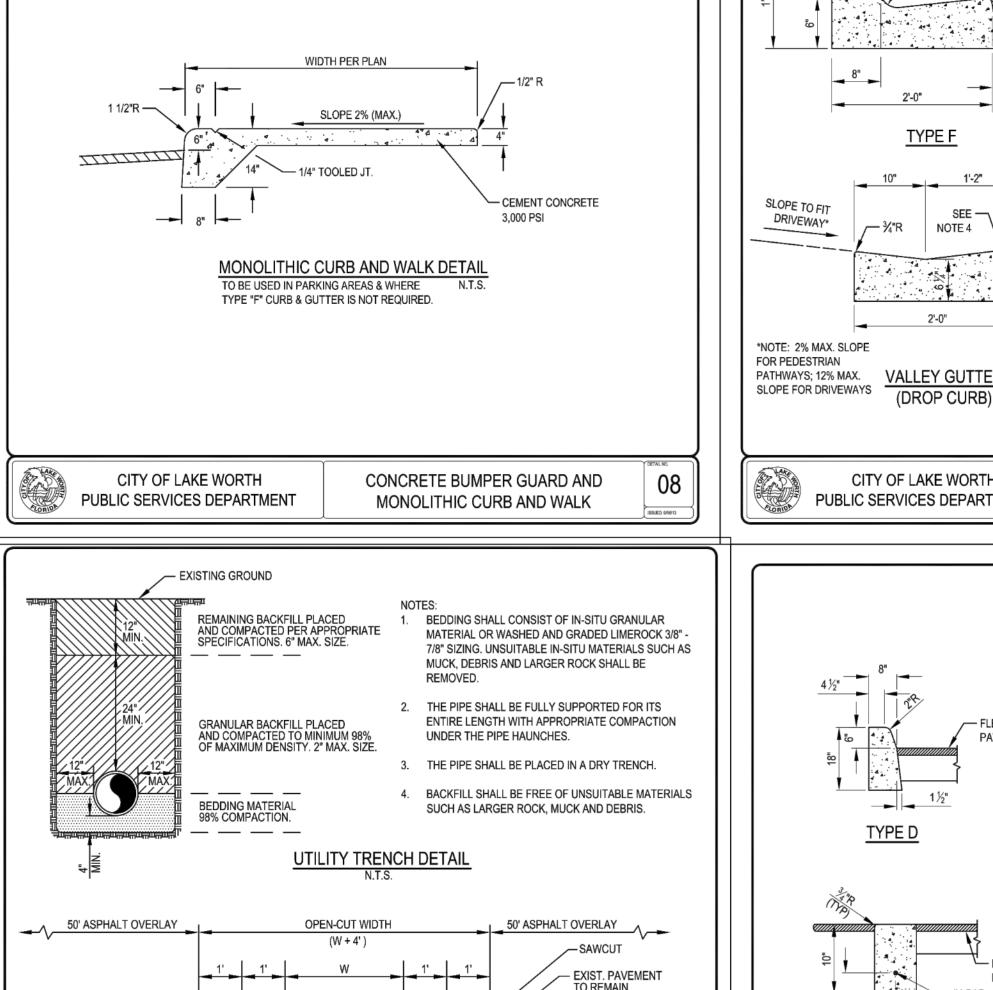
18" MAX. LIFT.

AASHTO T-180.









- REPLACED ASPHALT TO BE

REPLACED BASEROCK SHALL BE TWICE

FOR BEDDING & BACKFILL REQUIREMENTS

THE THICKNESS OF THE ORIGINAL

(REFER TO PAVEMENT SECTIONS

FOR ADDITIONAL REQUIREMENTS.)

BASEROCK LAYER (12" MIN.)

- REFER TO TRENCH DETAIL

UTILITY TRENCH AND PAVEMENT

OPEN-CUT

PAVEMENT OVERLAY MAY BE REQUIRED IN OPEN-CUT AREAS AT THE DISCRETION OF THE CITY ENGINEER.

FINISHED SURFACE SHALL HAVE SMOOTH FINISH & SHALL MATCH FLUSH TO SURROUNDING PAVEMENT.

ASPHALT OVERLAY SHALL EXTEND A MINIMUM OF 50' BEYOND THE LIMITS OF THE OPEN CUT.

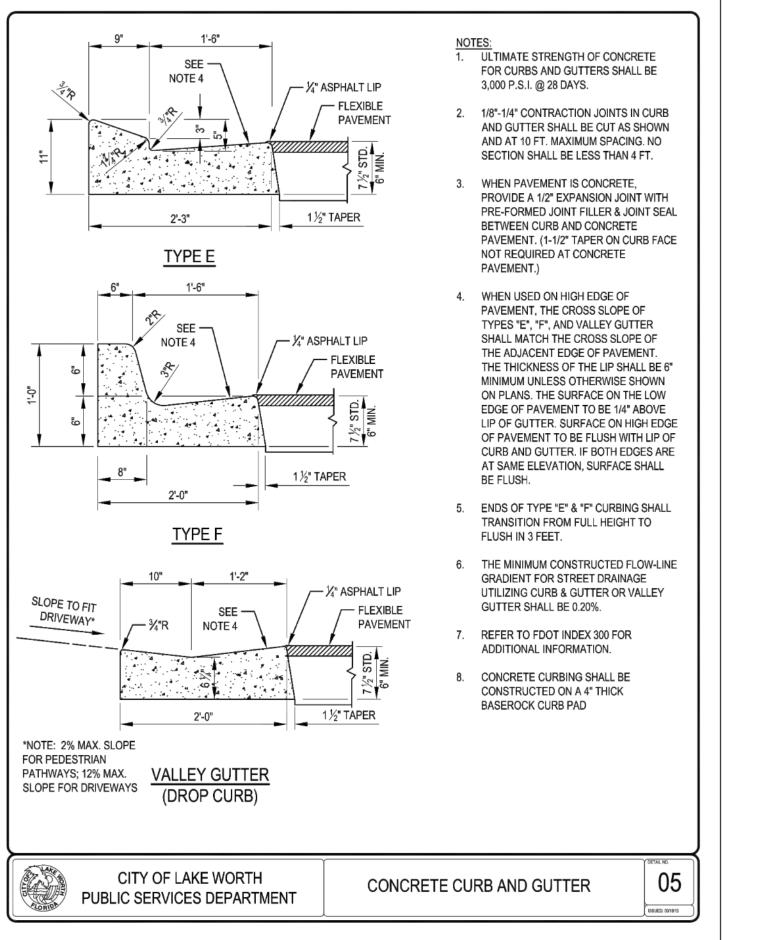
PAVEMENT OPEN-CUT DETAIL

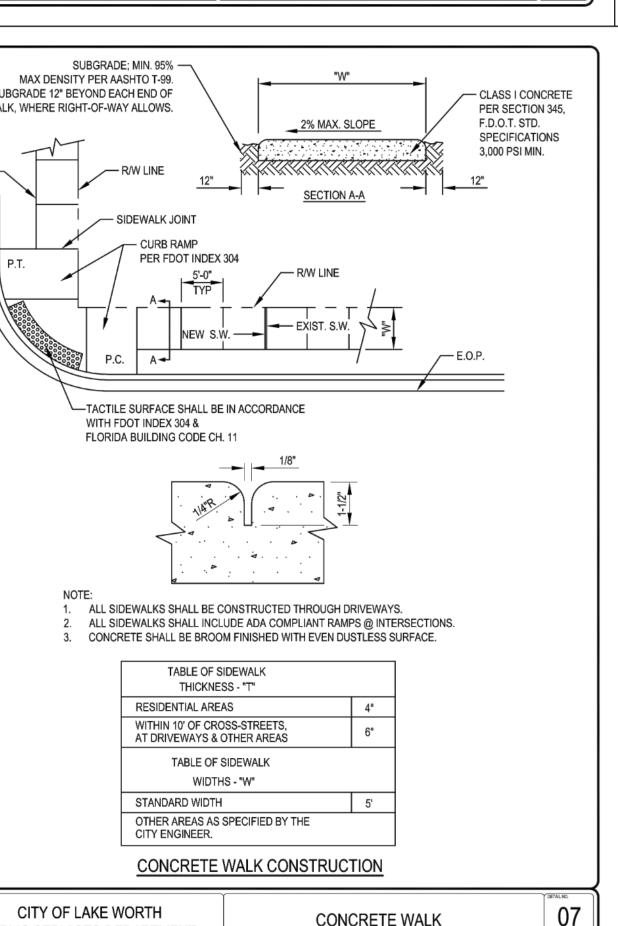
THE CONTRACTOR SHALL COMPLY WITH APPLICABLE TRENCH SAFETY REGULATIONS.

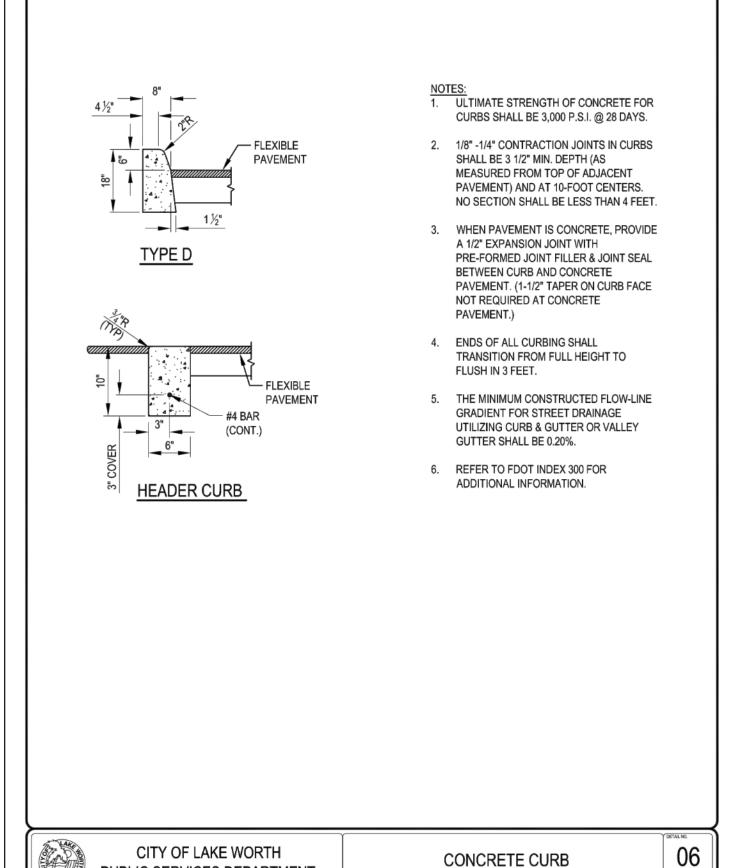
CITY OF LAKE WORTH

PUBLIC SERVICES DEPARTMENT

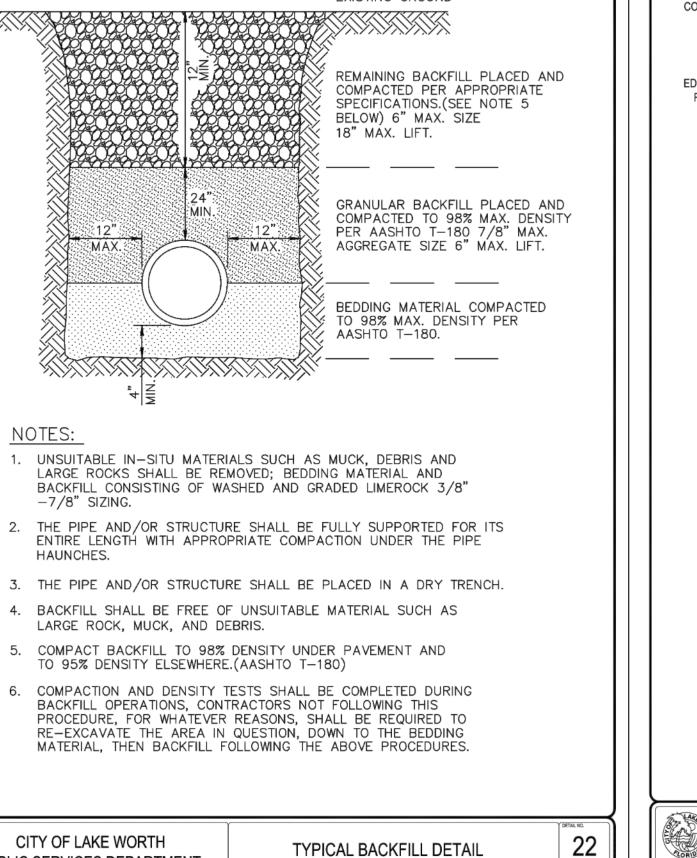
MIN 2" TYPE S-3 (TWO LIFTS)

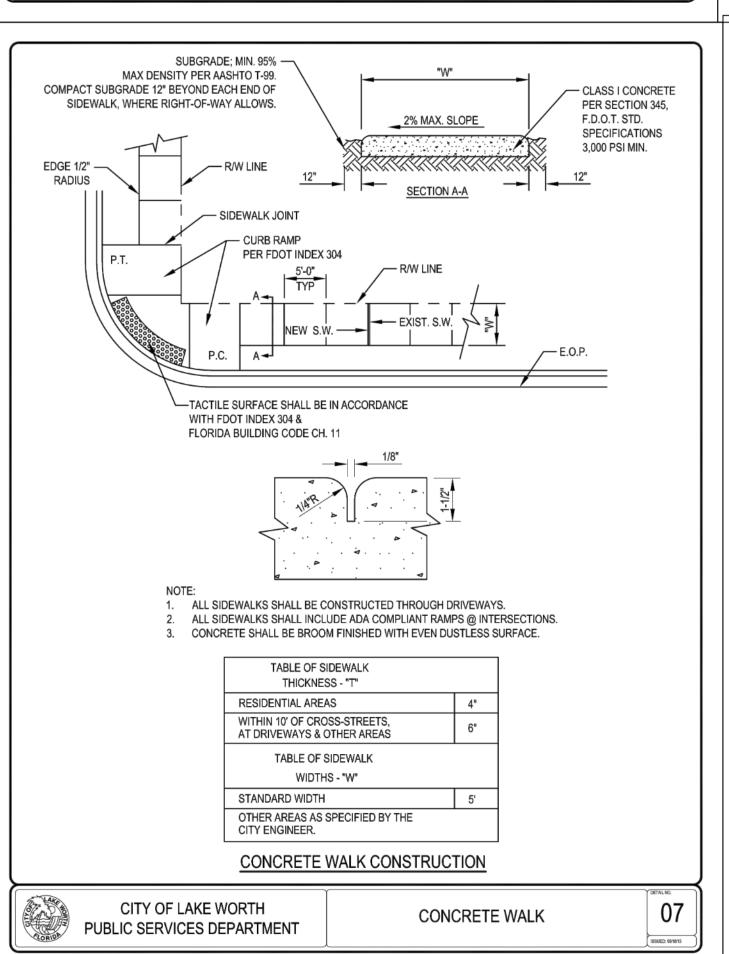






PUBLIC SERVICES DEPARTMENT



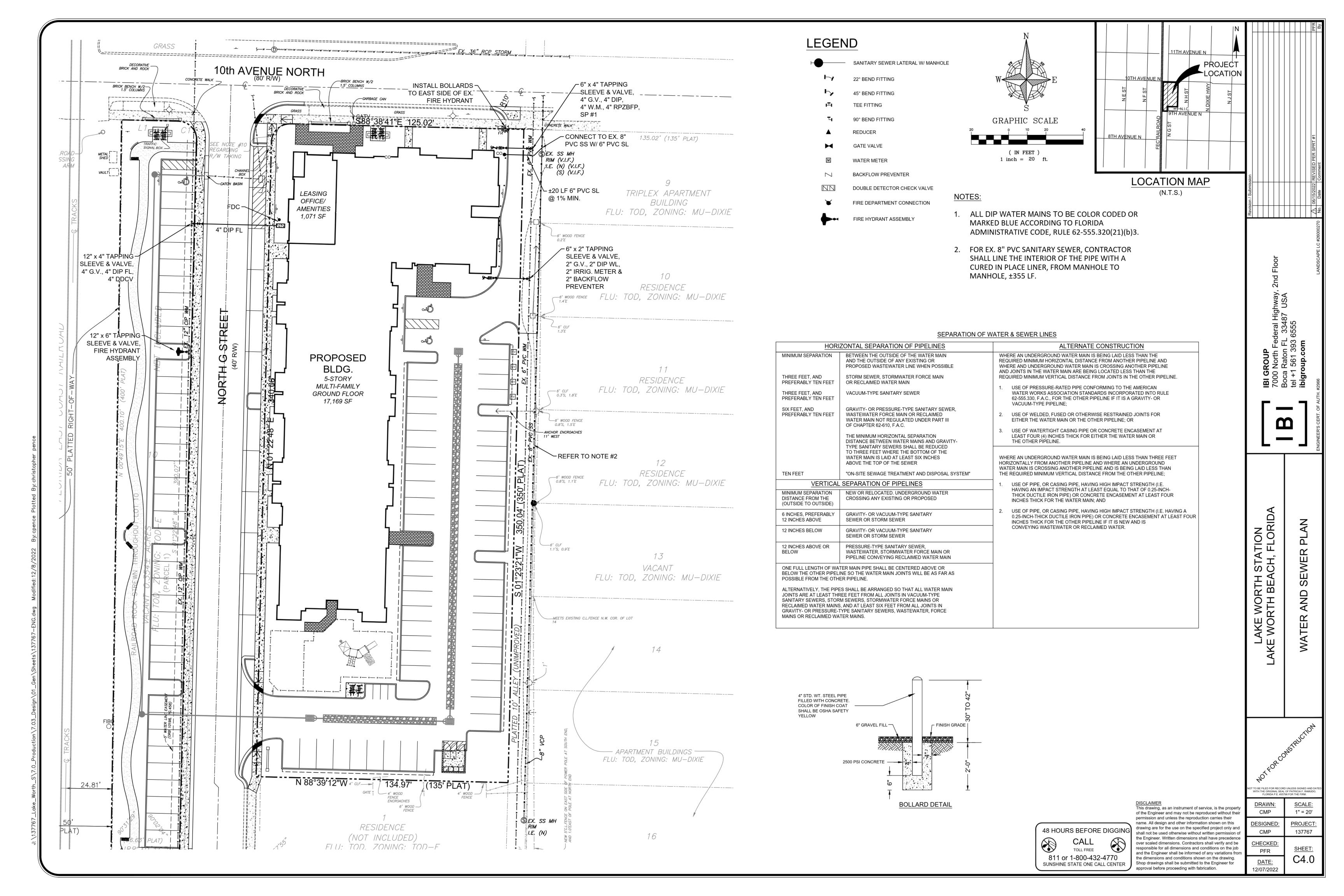


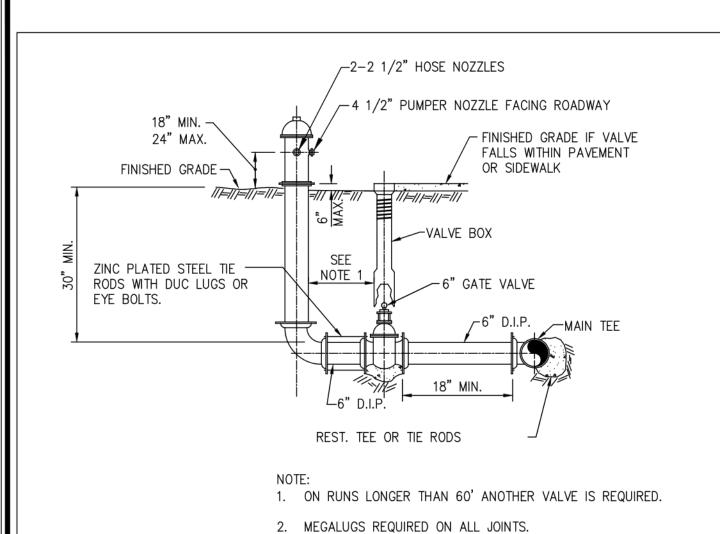


C3.3

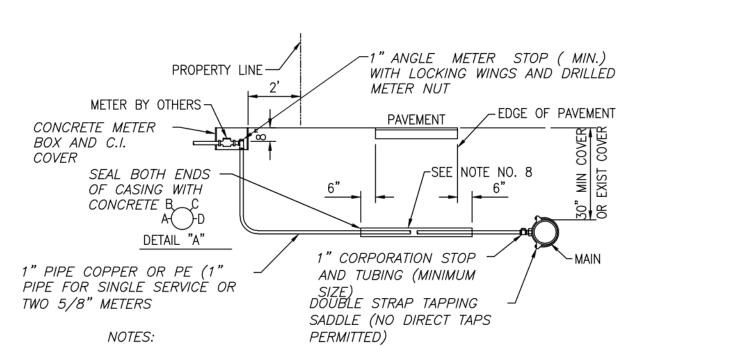
DATE: 12/07/2022

β' A



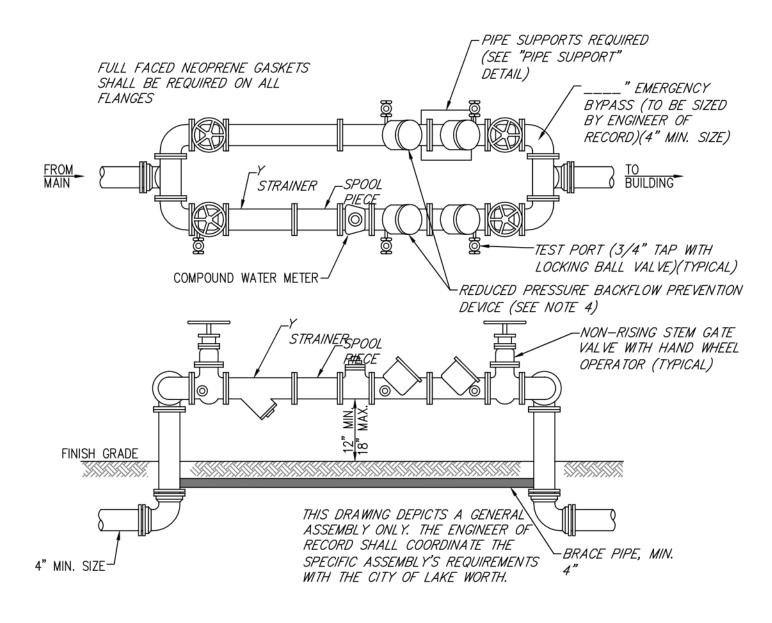


FIRE HYDRANT INSTALLATION

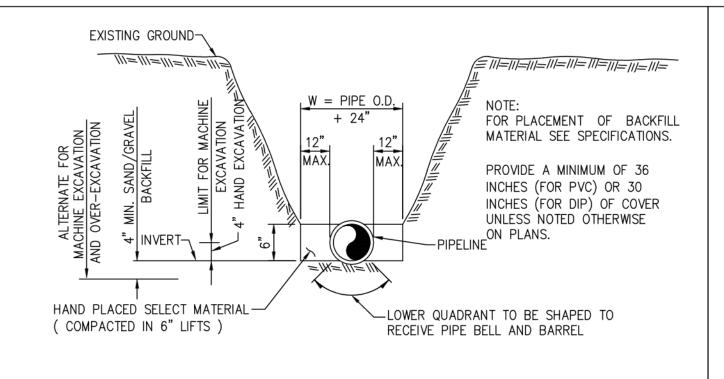


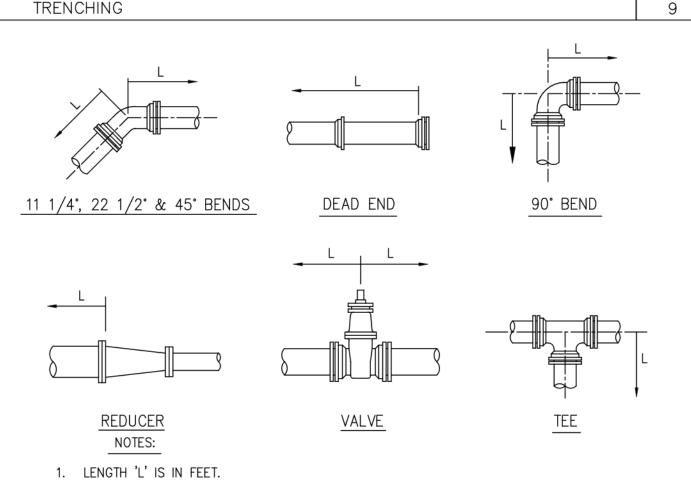
- 1. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18". OFFSET AND AT 45° FROM THE CENTERLINE (ON MAINS WITH GREATER THAN 30" OF COVER. SEE DETAIL 'A').
- 2. WHERE NO SIDEWALK EXISTS, METER BOXES SHALL BE SET TO CONFORM TO FINISH
- 3. COPPER TUBING SHALL BE TYPE "K" WITH COMPRESSION FITTINGS. POLYETHYLENE TUBING SHALL BE SDR 9, COPPER SIZE TUBING.
- 4. ROTATE THE CORPORATION STOP SO THAT THE OPERATING NUT IS ACTUATED FROM THE VERTICAL POSITION RATHER THAN THE HORIZONTAL.
- 5. COPPER SERVICE LINES SHALL BE CONTINUOUS FROM CORPORATION STOP TO ANGLE METER STOP WITH NO FITTINGS IN BETWEEN.
- 6. TAPPING SADDLES AND CORPORATION STOPS SHALL HAVE CC THREADS.
- 7. SERVICE CASING SHALL NOT BE INSTALLED BY WATER JETTING UNDER ROADWAY.
- 8. GALVANIZED CASING REQUIRED FOR JACK AND BORE IN MOST CASES, SCHEDULE 40 PVC MAY BE USED WITH THE APPROVAL OF THE ENGINEER . CASING SHOULD EXTEND SIX (6) FEET BEYOND EDGE OF PAVEMENT AND SIZED AS FOLLOWS A. 1" SERVICE USE 2" CASING B. 2" SERVICE USE 4" CASING
- 9. METER BOX TO BE SET TWO FEET BEHIND PROPERTY LINE AND TWO FEET INSIDE SIDE PROPERTY LINE ON EITHER SIDE OF PROPERTY.
- 10. PIPING LAYOUT SHOWN IS TYPICAL FOR 2" SERVICE.

2 WATER SERVICE FOR 1" OR 2" PIPE



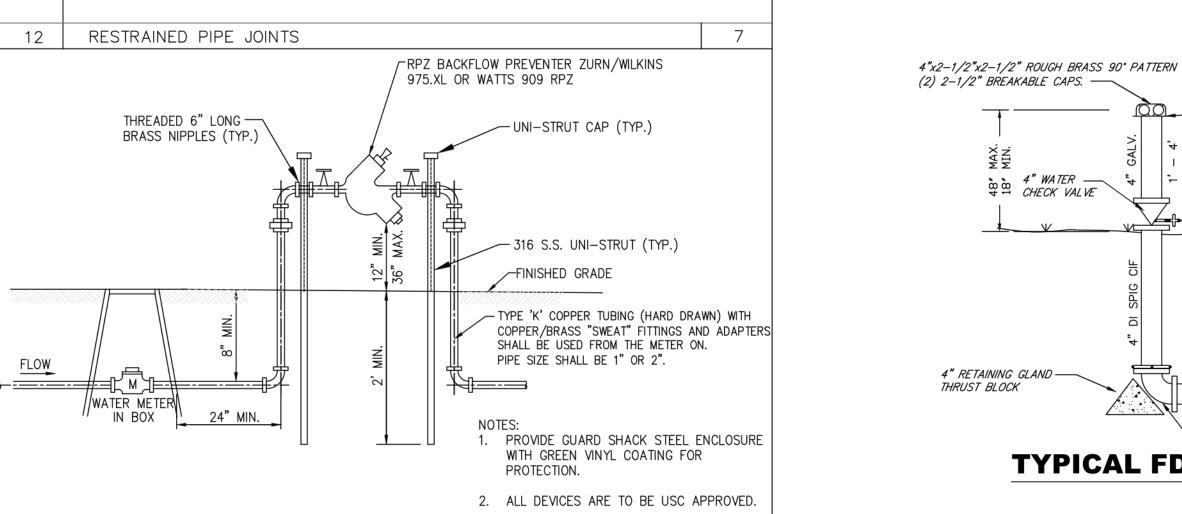
- 1. MECHANICAL JOINT FITTINGS SHALL BE REQUIRED UNDERGROUND AND FLANGED FITTINGS FOR ABOVE GROUND USE, NO UNIFLANGES PERMITTED.
- 2. PAINT THE ABOVE GROUND ASSEMBLY IN ACCORDANCE WITH CONSTRUCTION STANDARD, AFTER MANUFACTURERS RECOMMENDED SURFACE PREP IS COMPLETED. DO NOT PAINT OVER NAME/SERIAL PLATE, STAINLESS STEEL OR BRASS FITTINGS.
- 3. PROTECTIVE PIPE STANCHIONS ARE REQUIRED.
- 4. APPROVED REDUCED PRESSURE BACKFLOW PREVENTER WITH SILICONE RUBBER SEAL RINGS OR
- A. WILKENS MODEL 375 S, 4" TO 10"
- AMES MODEL 4000 SSSR, 4" TO 10"
- AMES MODEL 4000 SESR, 4" TO 10" AMES MODEL 4000 SSI, 4" TO 10"
- 5. 3" METER REQUIRES 4" BACKFLOW ASSEMBLY AND PIPING.
- 6. ALL TEST PORTS SHALL BE PLUGGED WITH BRASS PLUGS.
- 7. PROVIDE SPOOL PIECES DIRECTLY IN FRONT OF METER. MINIMUM LENGTH TO BE THREE PIPE DIAMETERS.
- 8. METER TO BE SUPPLIED BY CONTRACTOR. MODEL NUMBER TO BE DETERMINED BY CITY.

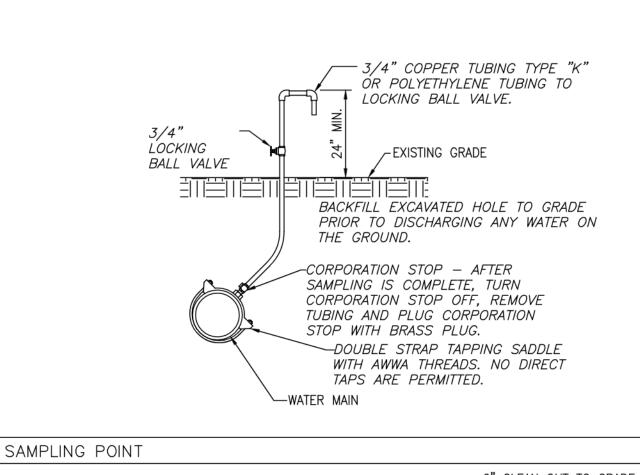


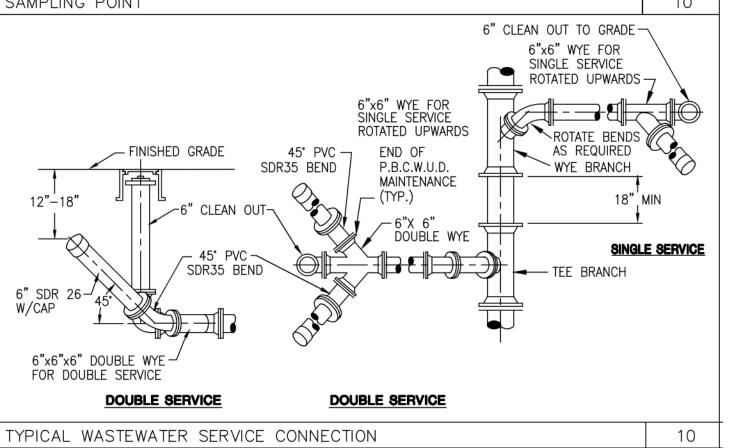


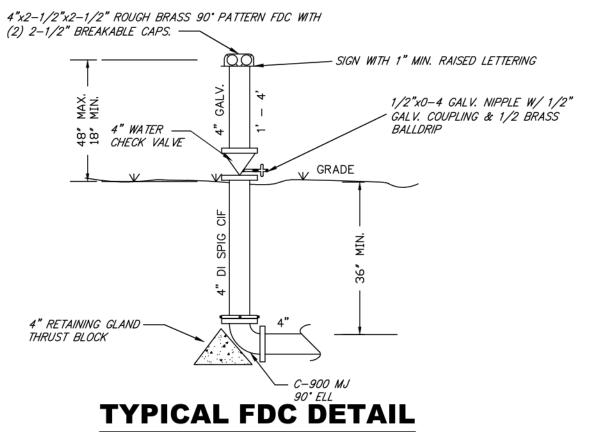
- 2. RESTRAINED LENGTHS ARE BASED ON THE FOLLOWING: 150 PSI TEST PRESSURE
- MIN. 30" COVER.
- PVC PIPE SIZES 4" 12".

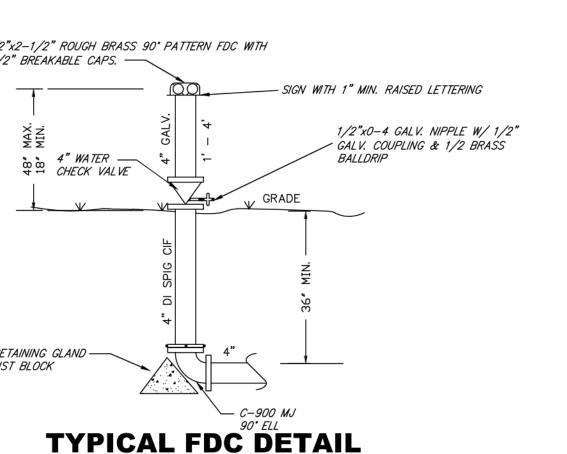
 DI PIPE SIZES 4" 48" DI - PIPE SIZES 4" - 48".
- SAFETY FACTOR OF 1.5.
- 3. LENGTH 'L' SHOWN IN THE TABLE TO BE RESTRAINED IN THE DIRECTION OF THE ARROWS.











N.T.S. PROJECT:

STATION CH, FLORIE

AKE WORTH S WORTH BEAC

WITH THE ORIGINAL SEAL OF PATRICIA F. RAMUDO FLORIDA P.E. #35798 FOR THE FIRM. CMP DESIGNED 137767 CMP CHECKED:

3" AND LARGER METER INSTALLATION AND BACKFLOW ASSEMBLY

CLEAN OUT

3

8" x 30" x 30" CONCRETE COLLAR WITH 4" x 4" WIRE TAP BRONZE PLATE MESH REINFORCMENT AND RECESSED NUT-FINISHED GRADE

6" x 22" x 22" CONCRETE COLLAR SEE NOTE #1-PAVEMENT-FROCK BASE

SECTION "A-A" CLEAN-OUT IN PAVEMENT

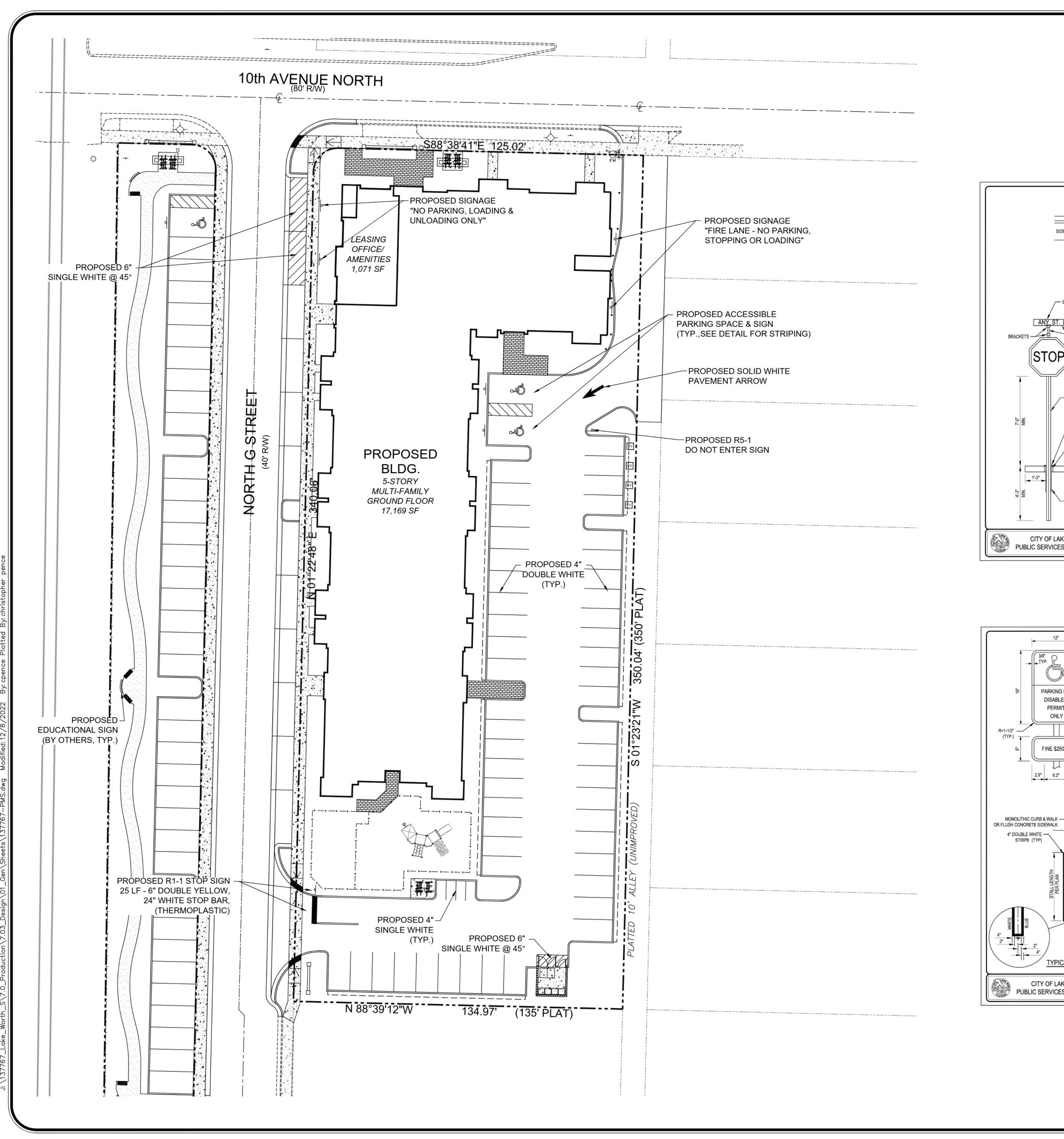
1. U.S. FOUNDRY NO. 7621 REVERSIBLE HANDHOLE RING AND COVER OR APPROVED EQUAL SHALL BE USED, COVER TO BE CAST WITH "S" IN THE CENTER.

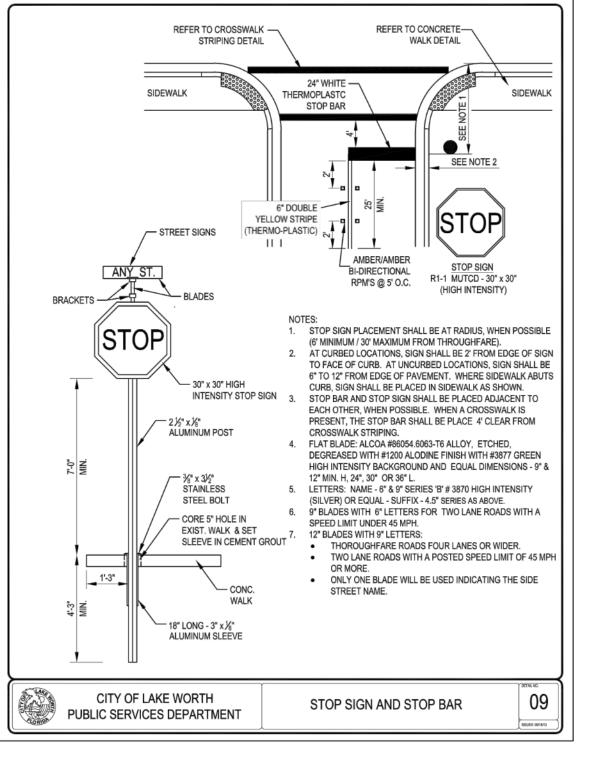
3. STANDARD WYE SHALL BE USED AT CLEAN OUT. 4. ALL PIPE AND CLEANOUT SHALL BE 6" MIN.

2. CLEAN OUT REQUIRED ON ALL SERVICES AT PROPERTY LINE WITHIN 5-FT OF R.

BACKFLOW PREVENTION DEVICE - 3/4" TO 2"

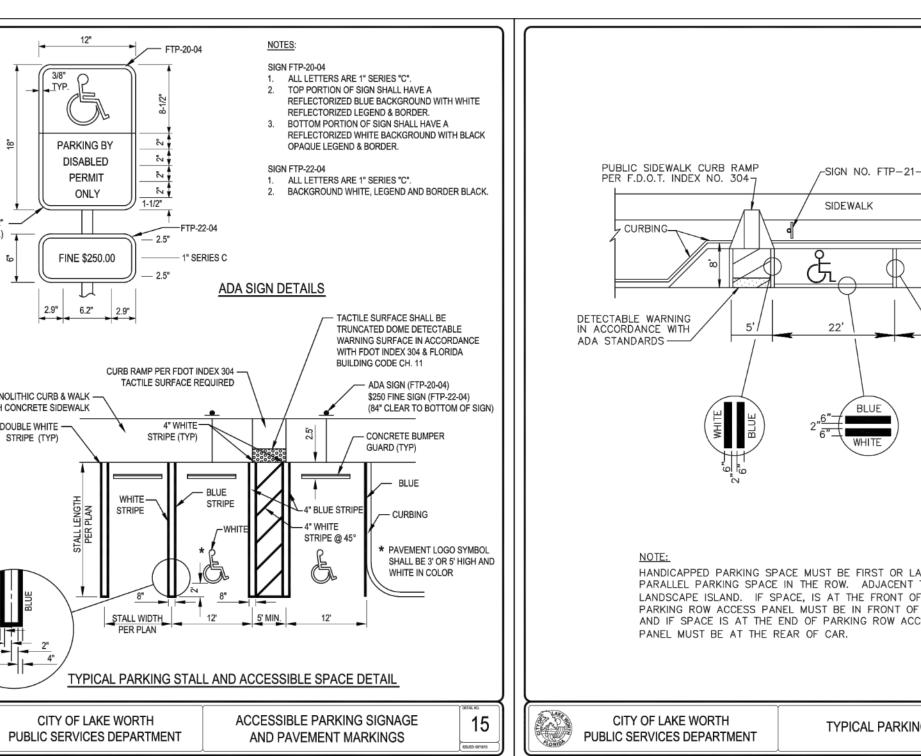
C4.1 DATE: 12/07/2022

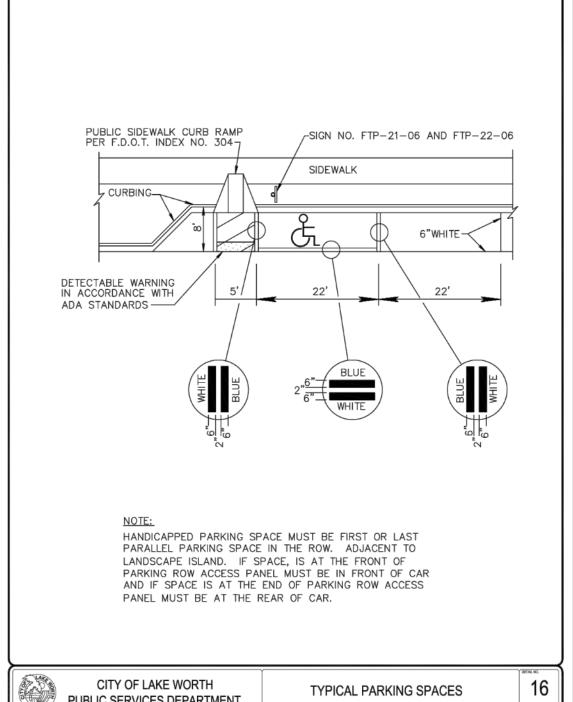












48 HOURS BEFORE DIGGING **TOLL FREE** 811 or 1-800-432-4770 SUNSHINE STATE ONE CALL CENTER

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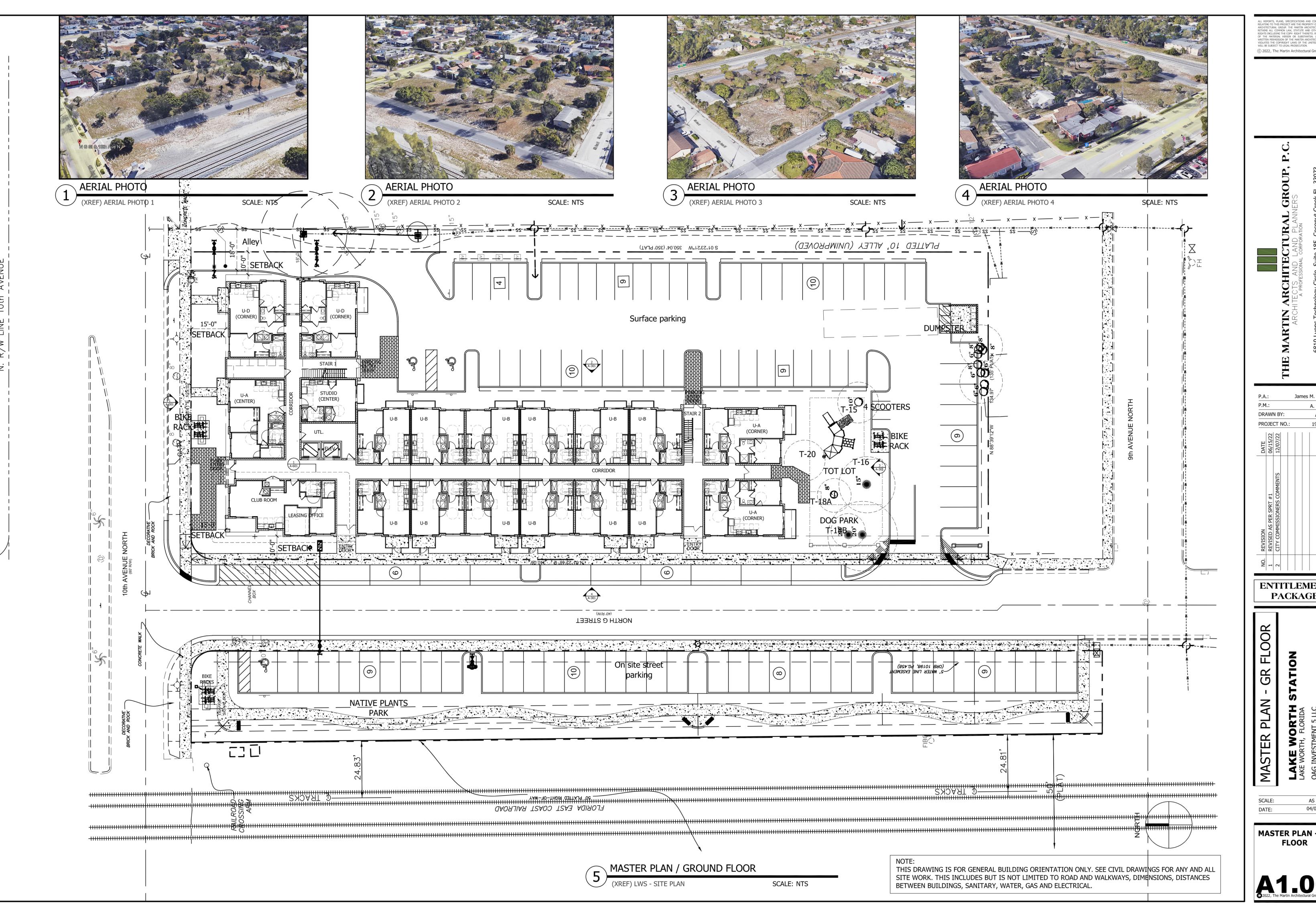
WITH THE ORIGINAL SEAL OF PATRICIA F. RAMUDO FLORIDA P.E. #35798 FOR THE FIRM. DRAWN: CMP 1" = 20' PROJECT: 137767

SIGN/

AKE WORTH S WORTH BEAC

DATE:

12/07/2022



ENTITLEMENT

PACKAGE

AS NOTED

MASTER PLAN - GR



S MARTIN ARCHITECTURAL (
ARCHITECTS AND LAND PLANNE
A PROFESSIONAL CORPORATION

ENTITLEMENT PACKAGE

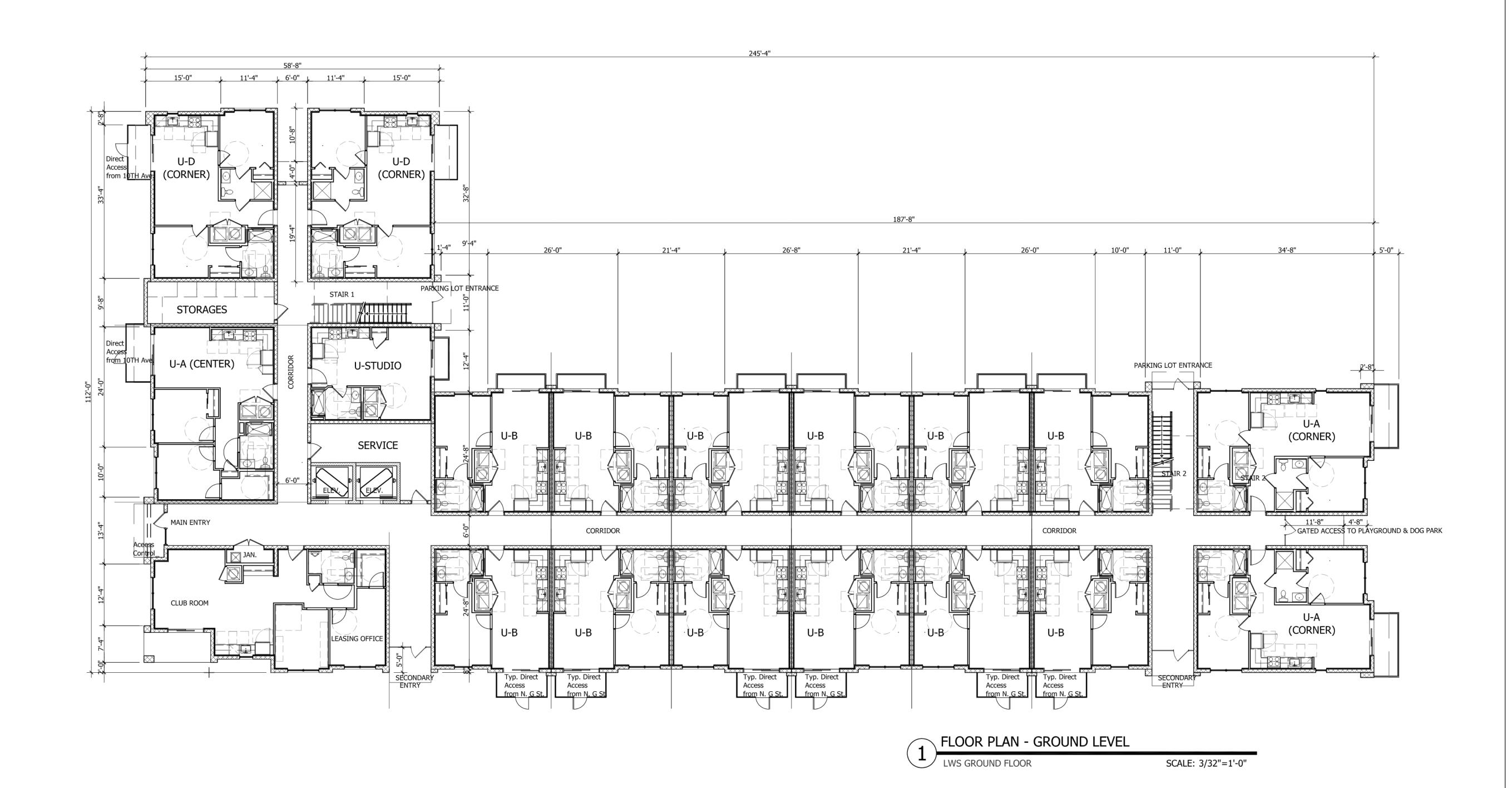
FLOOR PLANS
LAKE WORTH STATION
LAKE WORTH, FLORIDA
OAG INVESTMENT 5 LLC

SCALE: AS N

SCALE: AS NOTED DATE: 04/01/2022

FLOOR PLANS

A201





FIN ARCHITECTURAI
ARCHITECTS AND LAND PLAN

P.A.: James M. Riviello
P.M.: A. Garcia
DRAWN BY: AG, LP
PROJECT NO.: 1943-02

EVISION

EVISED AS PER SPRT #1

IN COMMISSIONERS COMMENTS

IN COMMISSIONERS COMMENTS

IN COMMISSIONERS COMMENTS

IN COMMISSIONERS COMMENTS

IN COMMISSIONERS

ENTITLEMENT PACKAGE

FLOOR PLANS

LAKE V

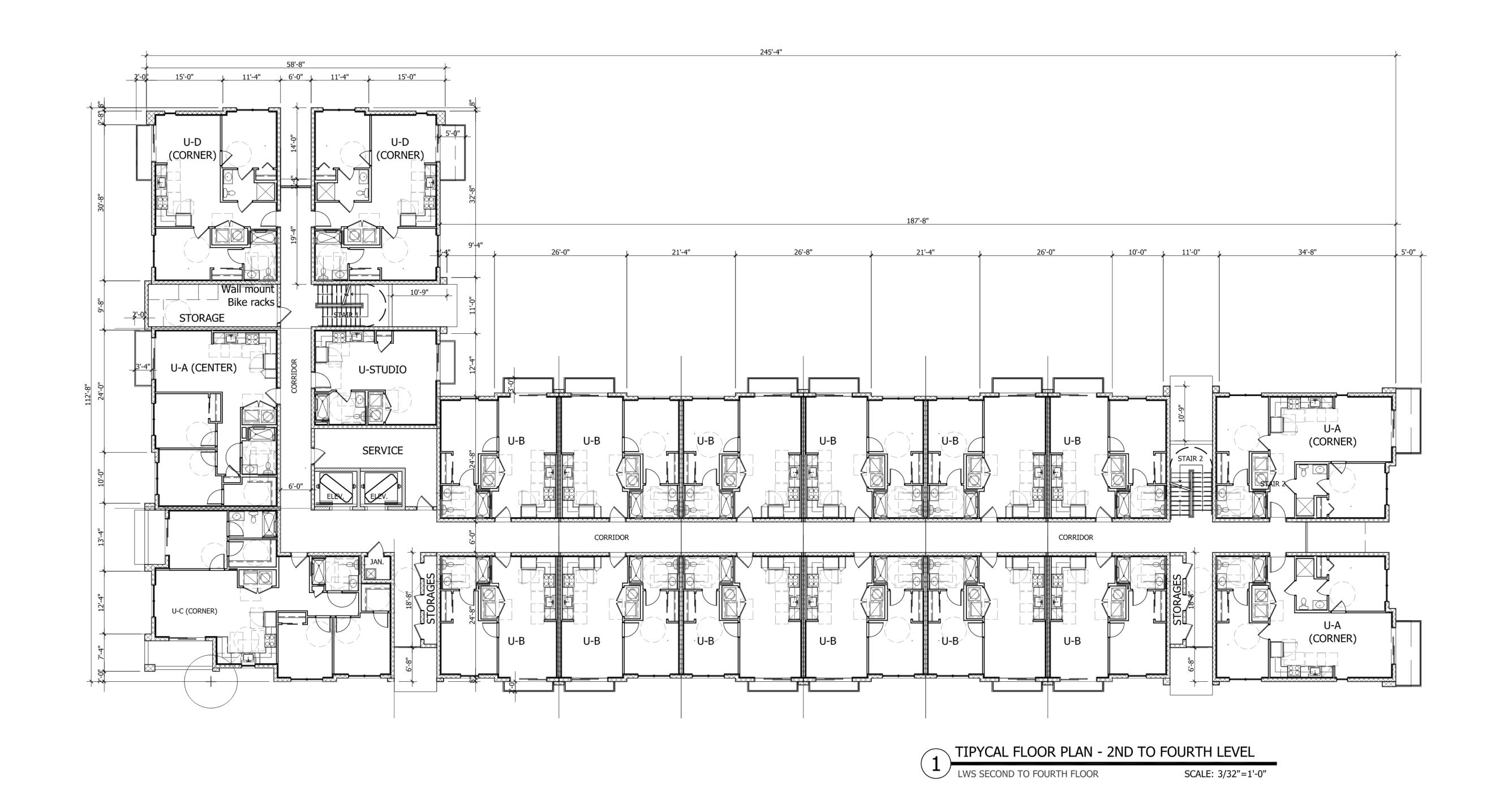
SCALE: AS NOTED
DATE: 04/01/2022

FLOOR PLANS

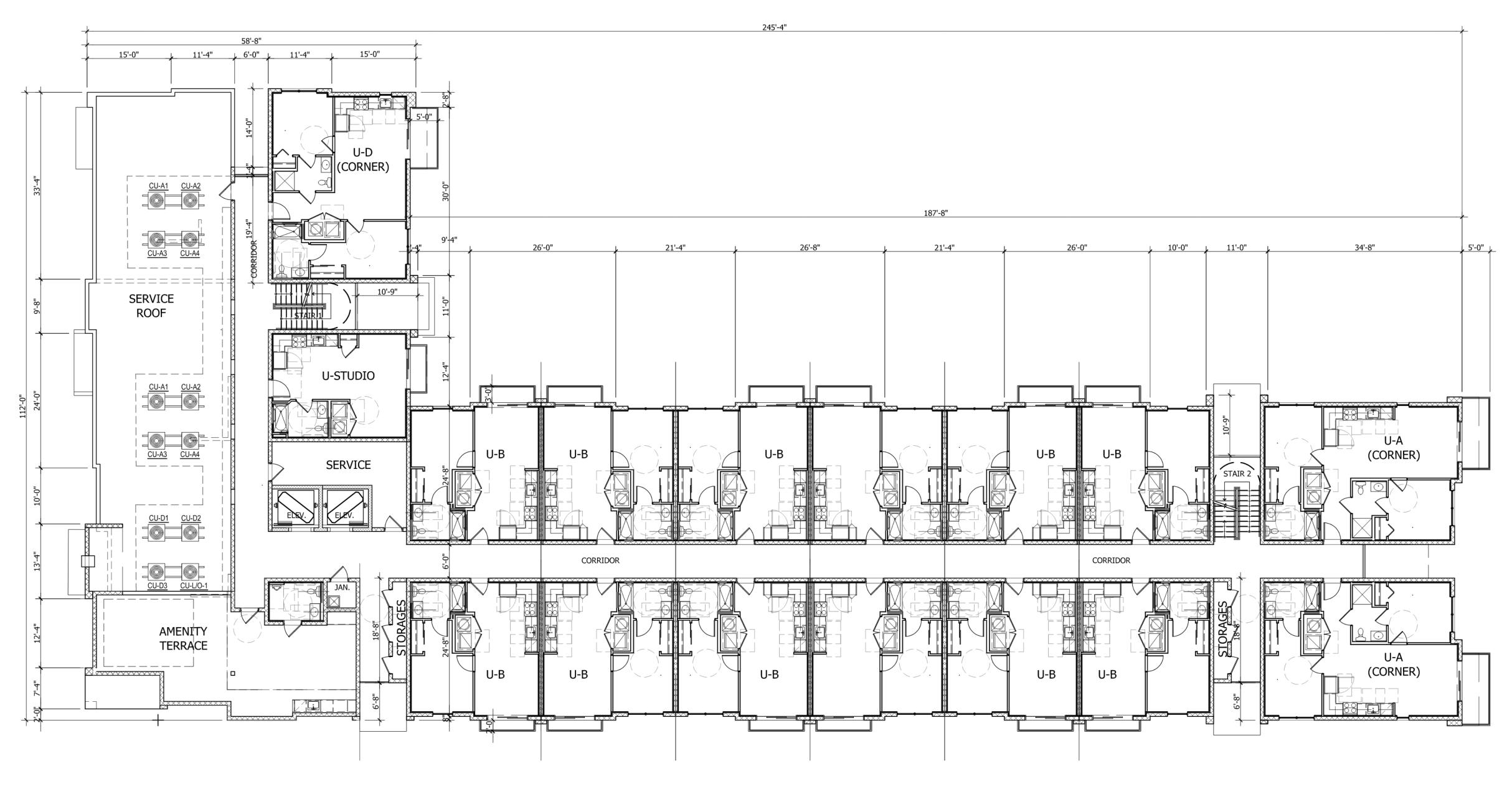
A2.02

A2.02

The Martin Architectural Group R.C.



A



TIPYCAL FLOOR PLAN - FIFTH LEVEL

LWS SECOND TO FOURTH FLOOR SCALE: 3/32"=1'-0"

HITECTURAL GROUP, P.
AND LAND PLANNERS

MARTIN ARCHITECTUR ARCHITECTS AND LAND PL

P.A.: James M. Riviello
P.M.: A. Garcia
DRAWN BY: AG, LP
PROJECT NO.: 1943-02

ENTITLEMENT

PACKAGE

FLOOR PLANS
LAKE WORTH STATIO

SCALE: AS NOTED DATE: 04/01/2022

FLOOR PLANS

A2.03

James M. Riviello A. Garcia DRAWN BY: AG, LP PROJECT NO.: 1943-02

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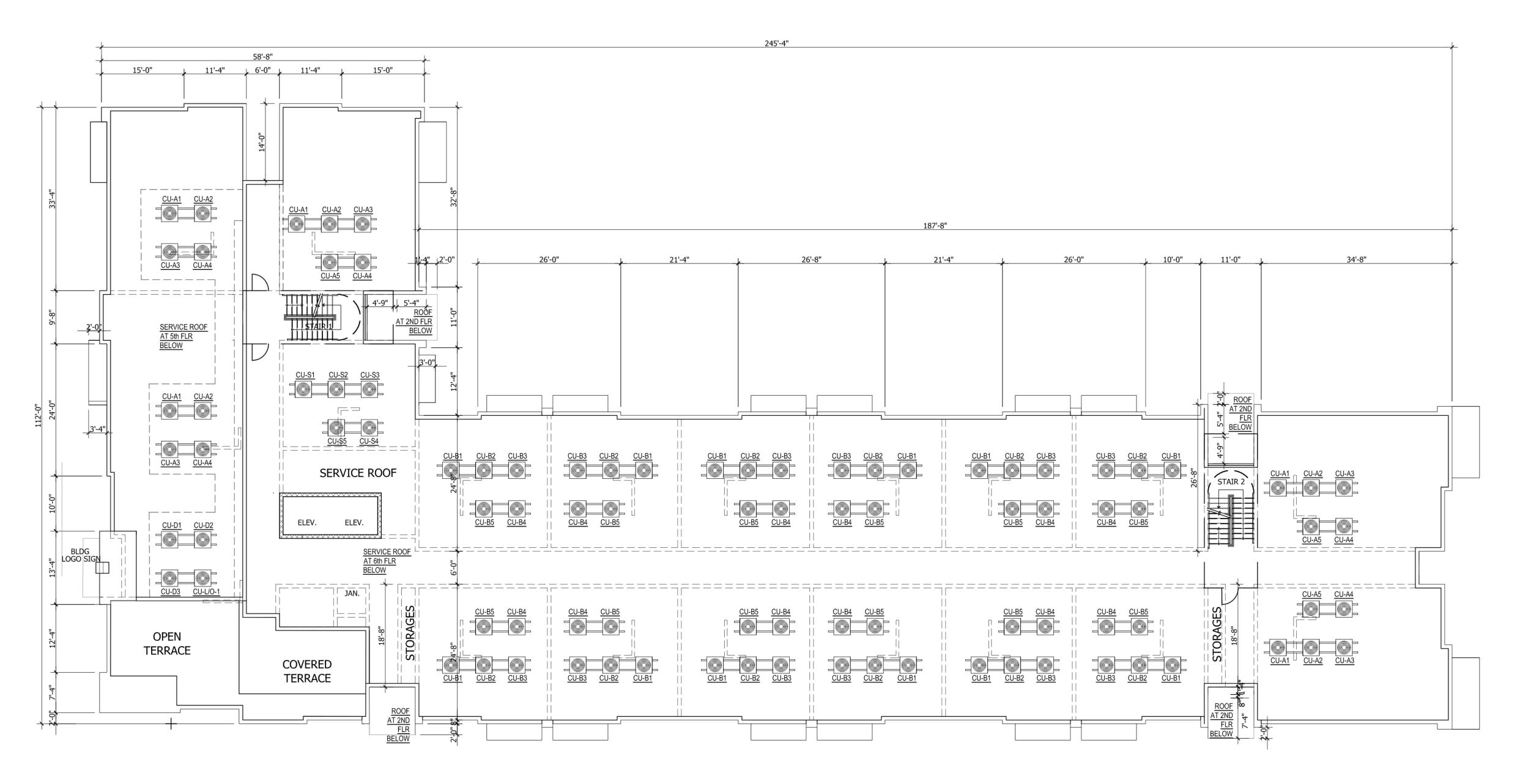
LAKE WORTH SLORIDA OAG INVESTMENT 5 LLC FLOOR PLANS

SCALE:

FLOOR PLANS

AS NOTED 04/01/2022

A204
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TIPYCAL SERVICE ROOF PLAN - SIXTH LEVEL

SCALE: 3/32"=1'-0" LWS SERVICE ROOF



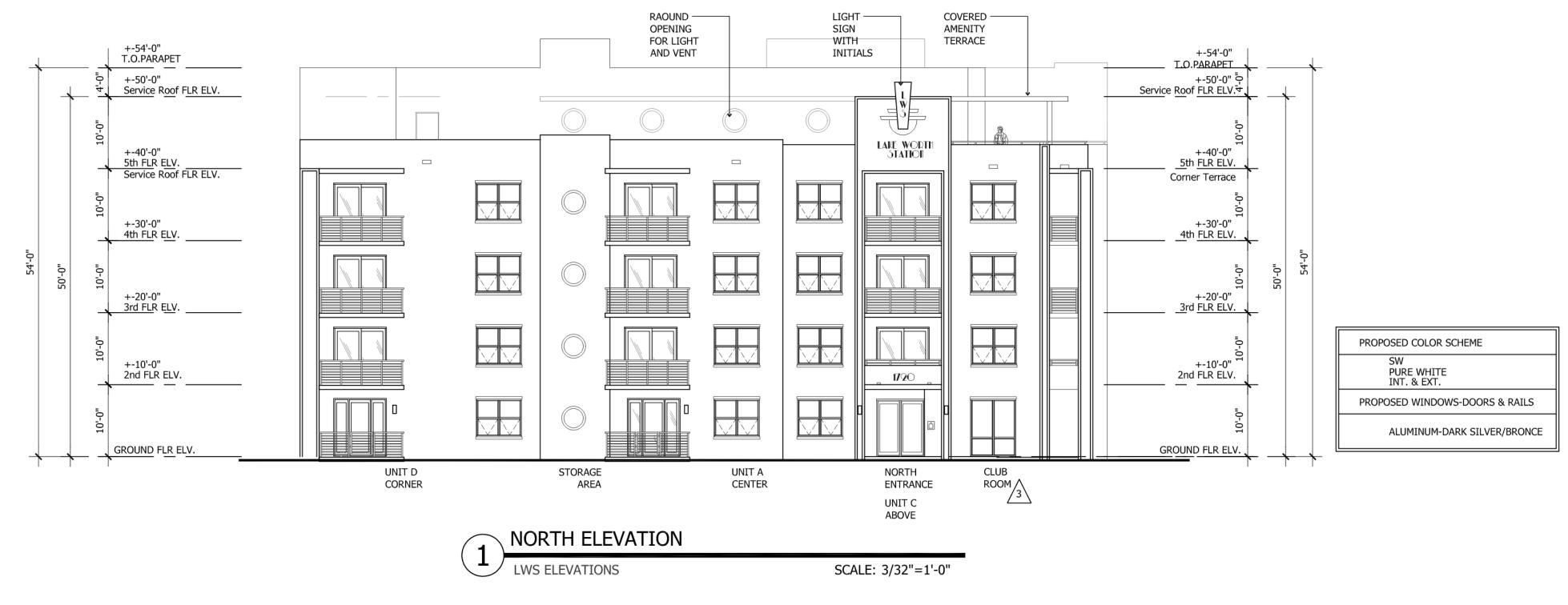
James M. Riviello A. Garcia DRAWN BY: AG, LP PROJECT NO.: 1943-02

ENTITLEMENT

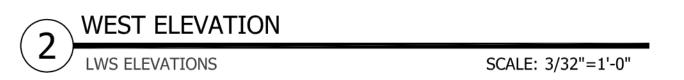
PACKAGE

LAKE WORTH SLAKE WORTH SLAKE WORTH, FLORIDA OAG INVESTMENT 5 LLC UNIT PLANS

SCALE: AS NOTED 04/01/2022







MARTIN ARCHITECTURAL
ARCHITECTS AND LAND PLANN chnology Circle, Suite 185. Cocc P (954) 428-1618 F (954) 428

James M. Riviello A. Garcia DRAWN BY: AG, LP PROJECT NO.: 1943-02

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AS NOTED SCALE: 04/01/2022









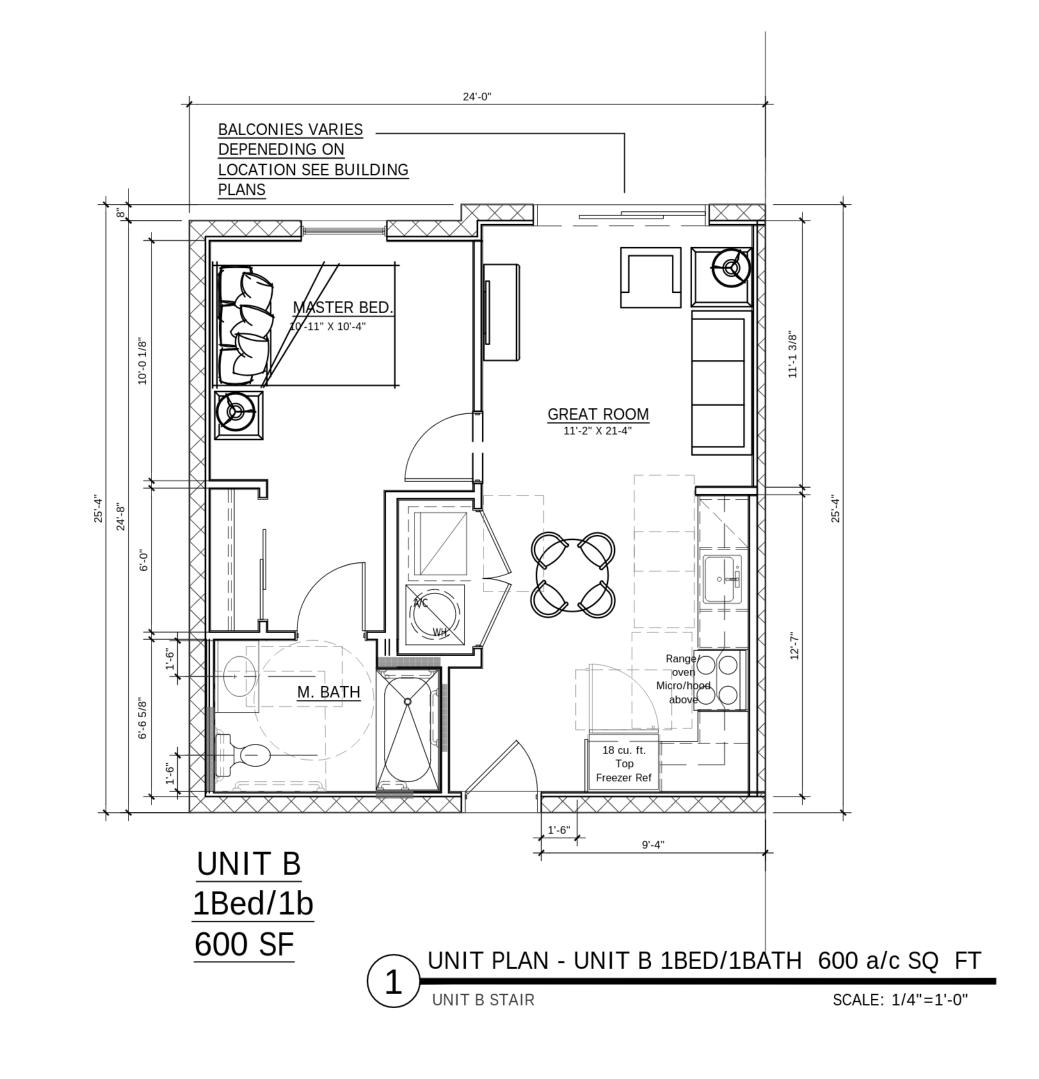


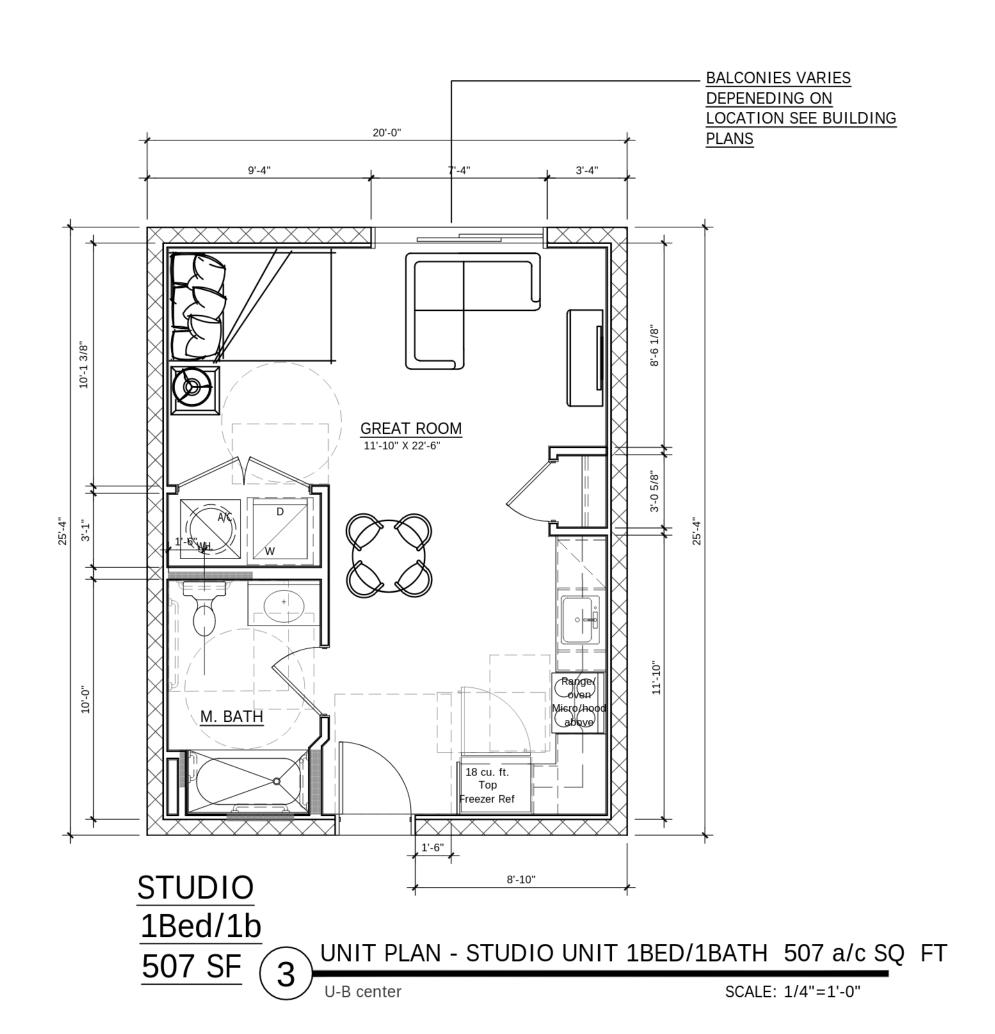
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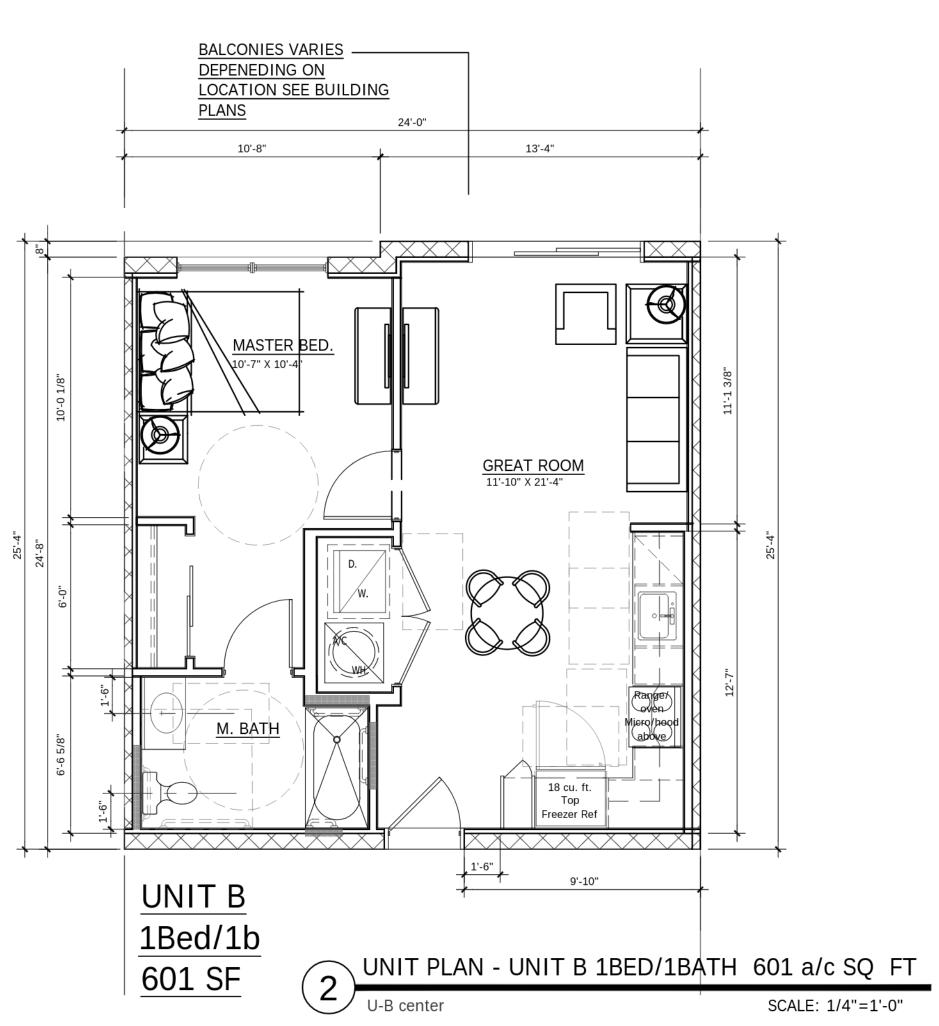
James M. Riviello A. Garcia DRAWN BY: PROJECT NO.:

ENTITLEMENT PACKAGE

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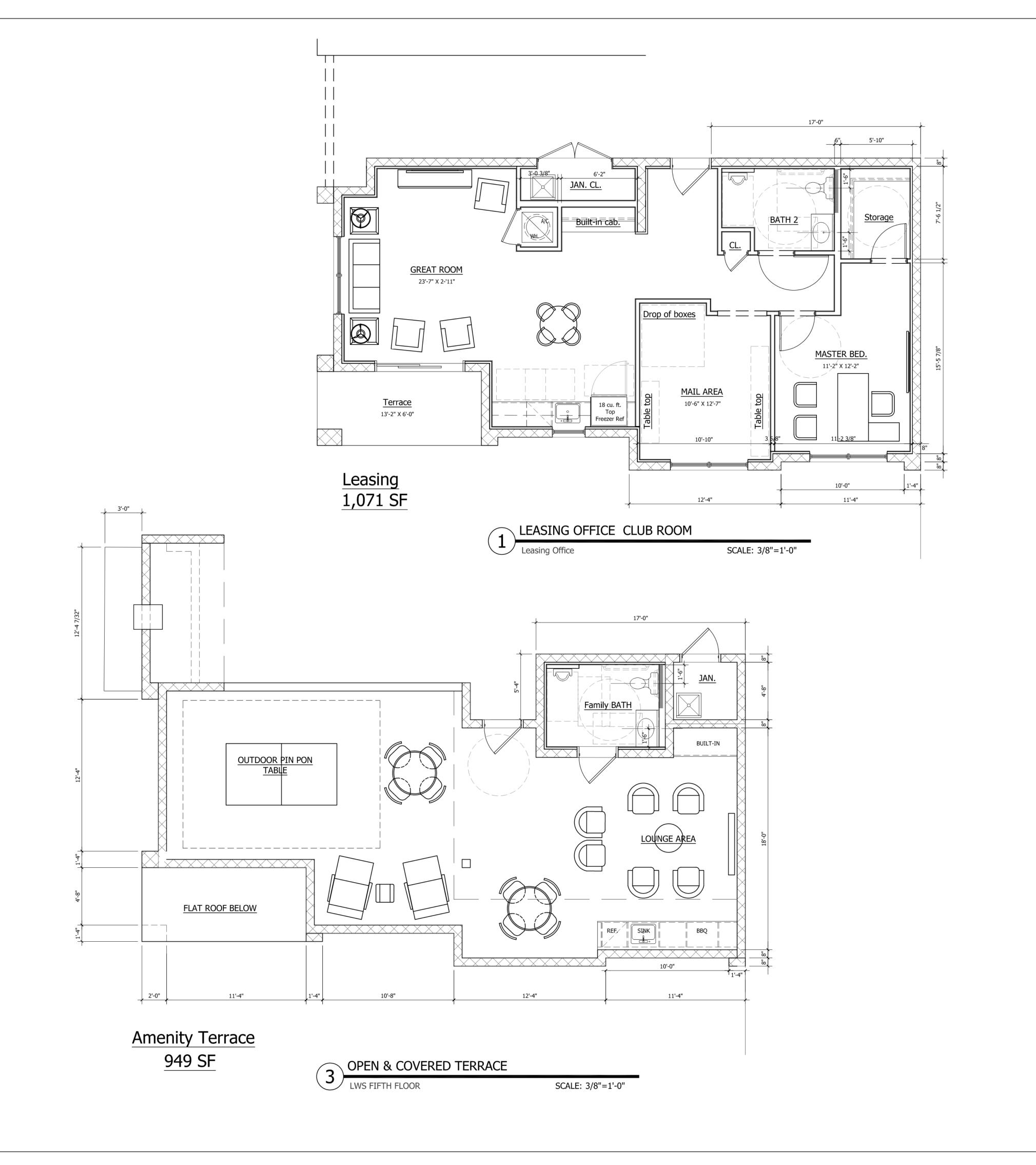
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> ENTITLEMENT **PACKAGE**

ENLARGEMENT

AS NOTED 04/01/2022

ENLARGEMENT

A601
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James M. Riviello P.M.: A. Garcia DRAWN BY: AG, LP

PROJECT NO.: DATE 06/15/22 12/07/22

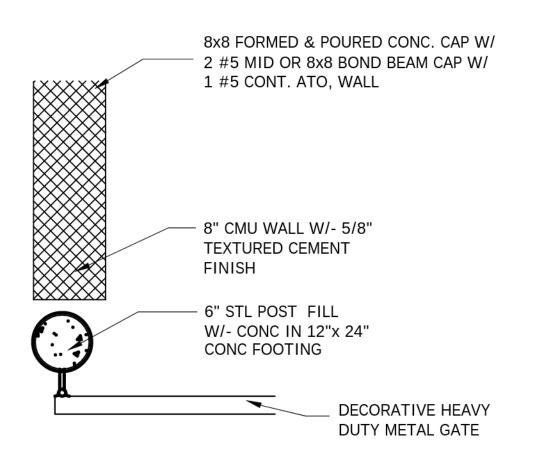
ENTITLEMENT **PACKAGE**

ENLARGEMENT

SCALE: AS NOTED 04/01/2022

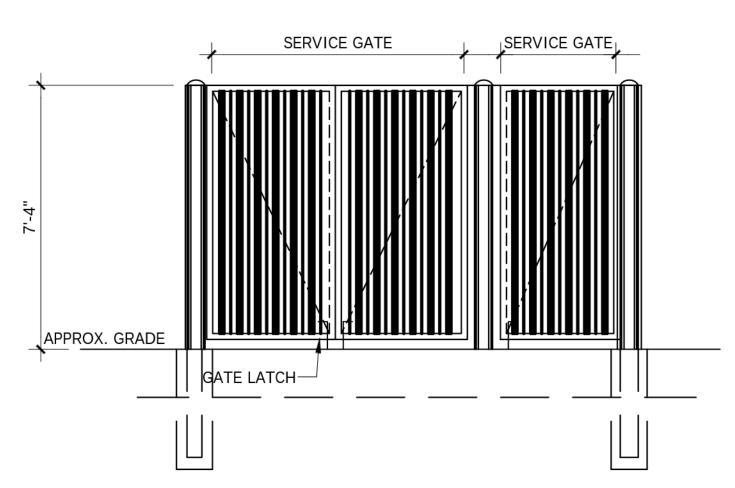
ENLARGEMENT

A6.02
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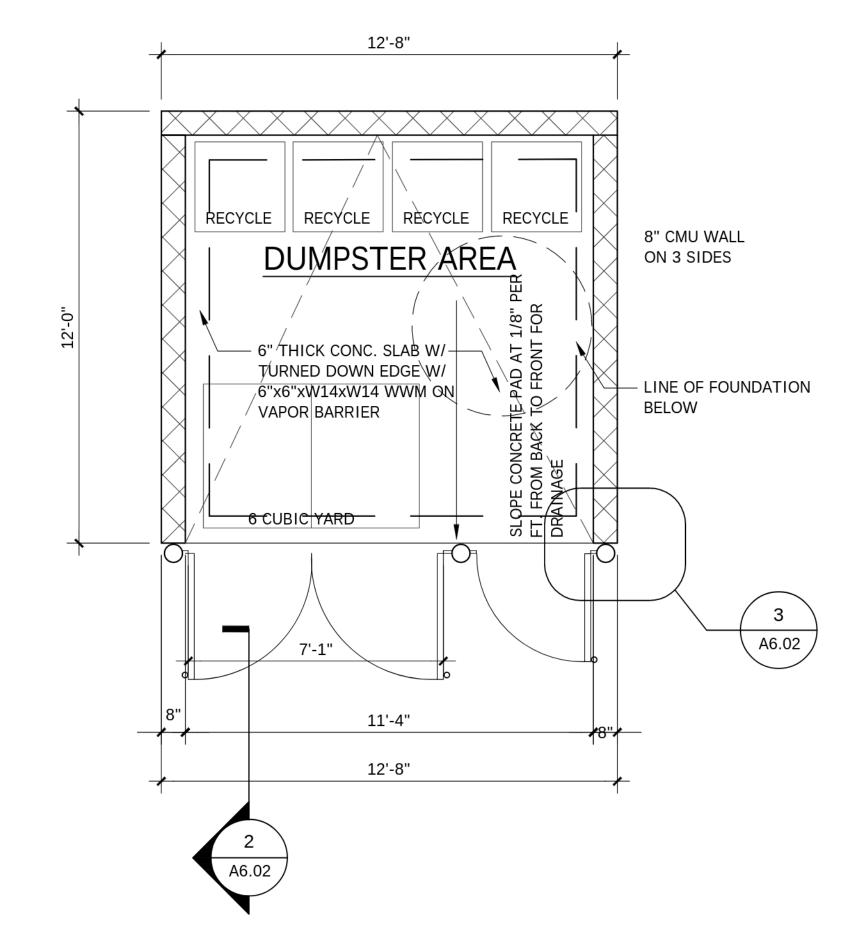
DUMPSTER DOOR DETAIL

SCALE: NOT TO SCALE



DUMPSTER ELEVATION

SCALE: 3/8"=1'-0"

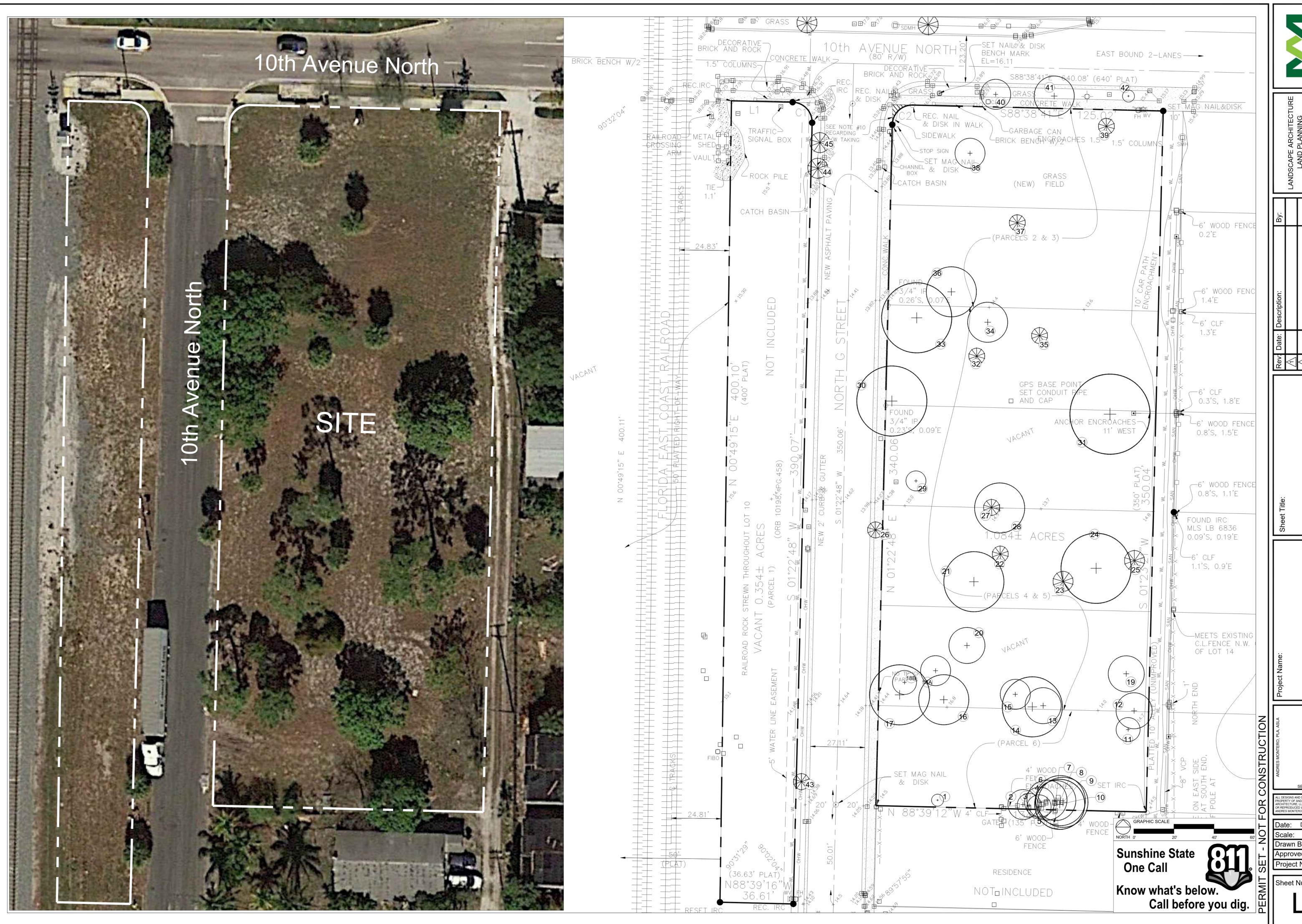


DUMPSTER FLOOR PLAN

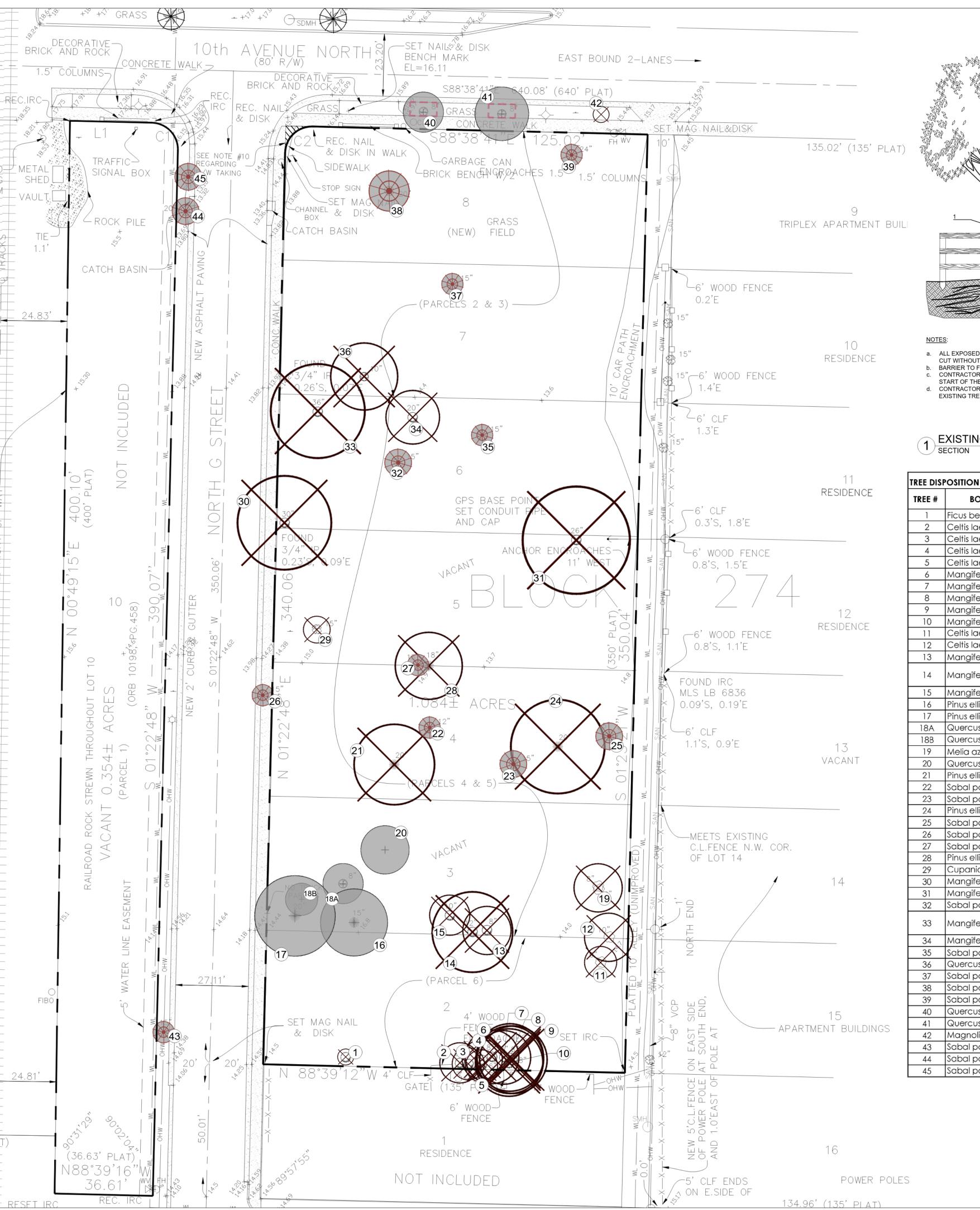
SCALE: 3/8"=1'-0"

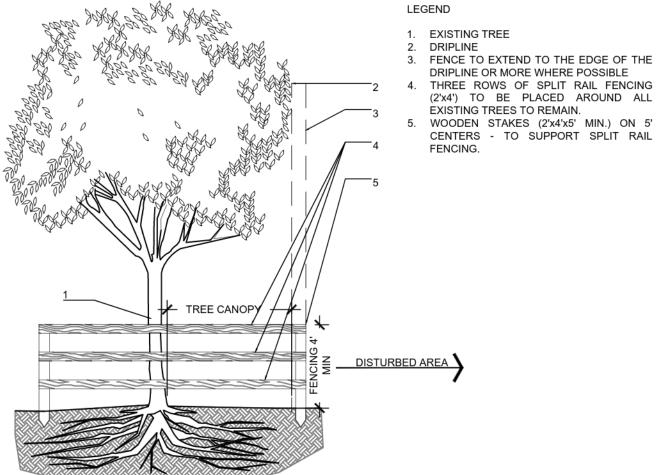


Approved By:



SIT PROPI





- a. ALL EXPOSED ROOTS WITHIN ROOT PROTECTION ZONE SHALL BE HAND PRUNED TO HAVE A SMOOTH, CLEAN CUT WITHOUT TEARING OR SPLITTING.
- b. BARRIER TO FORM A CONTINUOUS CIRCLE AROUND THE TREE OR GROUP OF TREES. c. CONTRACTOR TO INSTALL PROTECTIVE FENCE BARRIER AROUND ALL EXISTING TREES TO REMAIN - AT THE
- EXISTING TREES AND SHALL BE RESPONSIBLE TO REPLACE ANY TREES DAMAGED DURING CONSTRUCTION.

START OF THE PROJECT - FENCE TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT.

d. CONTRACTOR SHALL TAKE EXTRA CARE DURING EARTHWORK AND UTILITY OPERATIONS TO PROTECT ALL

1. THE APPROXIMATE LOCATION, SIZE AND CONDITIONS OF THE EXISTING TREES/PALMS WITHIN THE PROJECT LIMITS HAS BEEN COLLECTED FROM THE EXISTING TREE SURVEY PREPARED BY:

LEGEND

EXISTING TREE TO REMAIN

EXISTING PALM TO REMAIN

TREE PROTECTION FENCE

TREE NUMBER

Sunshine State

Know what's below.

Call before you dig.

One Call

EXISTING PALM TO BE REMOVED

EXISTING TREE TO BE REMOVED

EXISTING PALM TO BE RELOCATED

- A & B ENGINEERING, INC. 3460 FAIRLANE FARMS RD
- WELLINGTON, FL 33414 P:561.383.7480 AND THE ARBORIST REPORT PREPARED BY:
- ALISON WALKER
- FL. CERTIFIED ARBORIST ISA FL-9317A info@treage.com
- C: 786.525.7883 2. EXISTING TREES TO REMAIN TO BE PROTECTED DURING CONSTRUCTION - SEE EXISTING TREE PROTECTION FENCE DETAIL # 1- SHEET L-02
- 3. CONTRACTOR SHALL OBTAIN A TREE REMOVAL PERMIT PRIOR TO THE REMOVAL OF TREES/PALMS PROPOSED TO BE REMOVED.

1 EXISTING TREE PROTECTION FENCE d-Protection fence 1.dwg SCALE: N.T.S

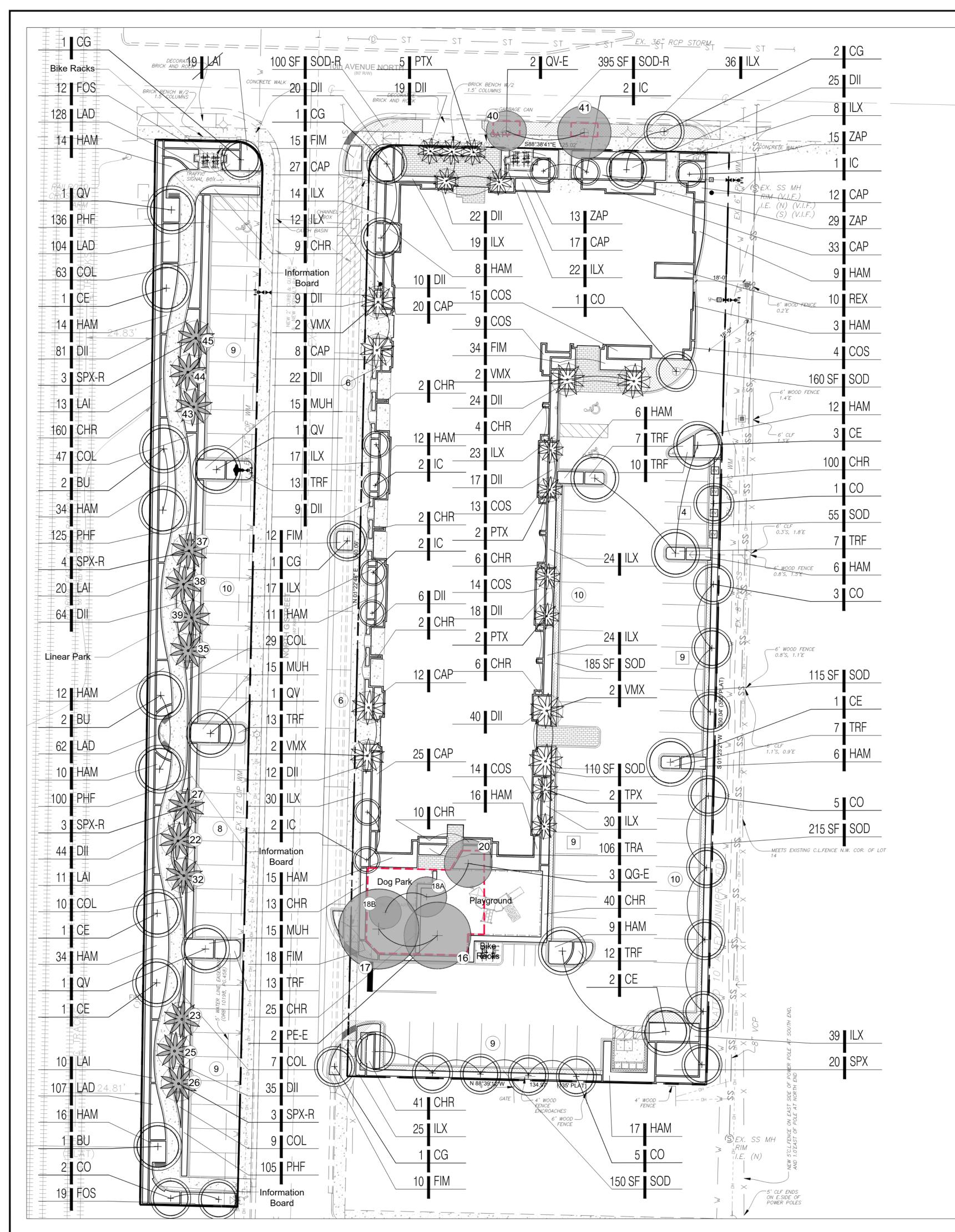
TREE #	BOTANICAL NAME	COMMON NAME	DBH	STATUS	COMMENTS
IKLL #			INCHES		
1	Ficus benjamina	Weeping Fig	4+6	REMOVE	POOR (35%) Overgrown hedge
2	Celtis laevigata	Hackberry	5+6	REMOVE	POOR (45%)
3	Celtis laevigata	Hackberry	5	REMOVE	POOR (45%)
4	Celtis laevigata	Hackberry	5+6	REMOVE	POOR (40%)
5	Celtis laevigata	Hackberry	6	REMOVE	POOR (40%)
66	Mangifera indica	Mango	7	REMOVE	POOR (45%)
7	Mangifera indica	Mango	8	REMOVE	POOR (45%)
8	Mangifera indica	Mango	8	REMOVE	FAIR (60%)
9	Mangifera indica	Mango	8	REMOVE	FAIR (60%)
10	Mangifera indica	Mango	9	REMOVE	FAIR (60%)
11	Celtis laevigata	Hackberry	6	REMOVE	POOR (35%)
12	Celtis laevigata	Hackberry	4+4+5+6	REMOVE	FAIR (60%)
13	Mangifera indica	Mango	7+4	remove	POOR (45%)
14	Mangifera indica	Mango	12+10+9+ 7+6+6	REMOVE	FAIR (60%)
15	Mangifera indica	Mango	8	REMAIN	FAIR (55%)
16	Pinus elliottii	Slash Pine	14	REMAIN	FAIR (75%)
17	Pinus elliottii	Slash Pine	15	REMAIN	FAIR (70%)
18A	Quercus geminata	Sand Oak	7	REMAIN	FAIR (65%)
18B	Quercus geminata	Sand Oak	6	REMAIN	FAIR (70%)
19	Melia azedarach	Chinaberry	9+7+6+3	REMOVE	FAIR (60%) FLEPPC Category II
20	Quercus geminata	Sand Oak	8+9	REMAIN	Poor (45%)
21	Pinus elliottii	Slash Pine	15	REMOVE	Fair (75%)
22	Sabal palmetto	Sabal Palm	12		GOOD (90%)
23	Sabal palmetto	Sabal Palm	12		GOOD (85%)
24	Pinus elliottii	Slash Pine	15		FAIR (65%)
25	Sabal palmetto	Sabal Palm	15		GOOD (85%)
26	Sabal palmetto	Sabal Palm	13	RELOCATE	
27	Sabal palmetto	Sabal Palm	14		GOOD (80%)
28	Pinus elliottii	Slash Pine	15	REMOVE	FAIR (65%)
29	Cupaniopsis anacardioides	Carrotwood	9@1	REMOVE	NA - Prohibited Species
30	Mangifera indica	Mango	28+12	REMOVE	FAIR (65%)
31	Mangifera indica	Mango	30	REMOVE	POOR (45%)
32	Sabal palmetto	Sabal Palm	no CT	RELOCATE	` '
33	Mangifera indica	Mango	15+14+12	REMOVE	POOR (45%)
34	Mangifera indica	Mango	18	remove	POOR (35%)
35	Sabal palmetto	Sabal Palm	15		GOOD (85%)
36	Quercus virginiana	Live Oak	12	REMOVE	FAIR (65%)
37	Sabal palmetto	Sabal Palm	13		FAIR (75%)
38	Sabal palmetto	Sabal Palm	18		FAIR (70%) *with boots
39	Sabal palmetto	Sabal Palm	20		FAIR (70%) *with boots
40	Quercus virginiana	Live Oak	7	REMAIN	POOR (40%) ROW
41	Quercus virginiana	Live Oak	7	REMAIN	FAIR (55%) ROW
42	Magnolia grandiflora	Magnolia Magnolia			POOR (35%) ROW
42	Sabal palmetto	Sabal Palm	6 15		FAIR (70%) Lot 10, west of N.G St.
	Sabal palmetto	Sabal Palm			FAIR (70%) *with boots; on Lot 10, west of N. G St.
44 45	Sabal palmetto	Sabal Palm	20 18		FAIR (70%) *with boots; on Lot 10, west of N. G St.

TREE

Drawn By: AEM/MEP/GMP

Approved By: Project No: 202206

Sheet Number:



ONING	TOD-E	
SITE AREA	62,640 SF	1.44 Acre
	REQUIRED	PROVIDED
MPERVIOUS AREA	65%	65%
PERVIOUS AREA	35%	35%
	5070	3070
VUA/PERIMETER BUFFER LANDSCAPE (Fronting North G Street, 10 th Ave. North and Alley)		
PERIMETER LANDSCAPE STRIP BETWEEN OFF-STREET PARKING AND R.O.W	5'	4.5' to 11'
218 LF OF VUA FRONTING R.O.W.		
I LARGE TREE/ 25 LF		
MEDIUM TREE/ 20 LF	11	13
I SMALL TREE/ 15 LF		
CONTINUOUS 3' HEDGE		Yes
DEPUMETED LANDS CARE DETWEEN OFF STREET DADWING AND ADUSTING DECRETES		
PERIMETER LANDSCAPE BETWEEN OFF-STREET PARKING AND ABUTTING PROPERTIES	5'	5'
100 LF OF VUA FRONTING ABUTTING PROPERTY	E	,
I TREE/ 20 LF CONTINUOUS 3' TO 6' HEDGE	5	6 Yes
CONTINUOUS 3 TO 6 HEDGE		res
NTERIOR LANDSCAPE FOR PARKING AREAS		
TOTAL VUA LANDSCAPE ISLANDS (SF)		1449
TREE/ 125 SF	10	10
NTERIOR LANDSCAPE (EXCLUSIVE OF VUA AND BUILDINGS)		7744 SF
LARGE TREE/ 625 SF	6	26
MEDIUM TREE/ 400 SF	7	9
SMALL TREE/ 225 SF	6	19
TOTAL INTERIOR LANDSCAPE TREES/PALMS	19	54
STREET TREES ALONG NORTH G STREET		3
STREET TREES ALONG 10TH AVENUE NORTH		2
THE THE ALONG TOWN AVENUE HORWIN	5	
TOTAL PLANT MATERIAL		
TREES (TREES/PALMS)	50	88
SHRUBS		
GROUNDCOVERS		
NATIVE PLANT MATERIAL CALCULATIONS	7.5~	
SEVENTY-FIVE (75) PERCENT OF REQUIRED TREES SHALL BE NATIVE	75%	75%
SEVENTY-FIVE (75) PERCENT OF REQUIRED SHRUBS SHALL BE NATIVE	75%	91%
NO MORE THAT 50% OF LANDSCAPE AREAS SHALL BE SOD	5392	720
	20.2	. 20
HEDGE/FENCE PROVIDED TO SCREEN MECH. EQUIPMENT		Yes

				drought			containe	r
QΤ	code	species	common name	tolerance	native	specifications	size	spacing
	TREES							
5	BU	Bursera simaruba	Gumbo Limbo	High	yes	16' ht. 6" DBH. 6' CT. Std.	FG	as shown
6	CG	Caesalpinia granadillo	Bridalveil Tree	Medium	no	14' ht. 3" DBH. 6' CT. Std.	FG	as shown
10	CE	Conocarpus erectus	Green Buttonwood	High	yes	16' ht. 4" DBH. 6' CT. Std.	FG	as shown
17	со	Coccoloba diversifolia	Pigeon Plum	High	yes	14' ht. 4" DBH. 6' CT. Std.	FG	as shown
9	IC	llex cassine	Dahoon Holly	Medium	yes	12' ht. 3" DBH. 4.5' CT. Std.	FG	as shown
4	QV	Quercus virginaina	Live Oak	High	yes	16' ht. 6" DBH. 6' CT. Std.	FG	as shown
	EXISTING	TREES						
2	PE-E	Pinus elliottii	Slash Pine		yes	Existing Tree #16 & #17		as shown
3	QG-E	Quercus geminata	Sand Oak		yes	Existing Tree #18A, #18B & #20		as shown
2	QV-E	Quercus virginaina	Live Oak		yes	Existing Tree #40 & #41		as shown
	PALMS		•					
11	PTX	Ptychosperma elegans	Alexander Palm	Medium	no	8 ft CT, 16' O.A./Double	FG	as shown
8	VMX	Veitchia montgomeriana	Motgomery Palm	Medium	no	14' O.A./Double- Full head	FG	as showr
				7710 010111		The state of the s	1 10	GO DITOTI
10	_	D BE RELOCATE	Code at Dodge	NILIMADEDÊ INLE	DEE DISPOSITION	9 LANDSCARE DLAN, 99 99 95 97 97 99 95 97	20 20 42 44 45	as shown
13 SPX-R Sabal palmetto Sabal Palm NUMBERS IN TREE DISPOSITION & LANDSCAPE PLAN: 22,23,25,26,27,32,35,37,38,39,43,44,45								
		GROUNDCOVERS & VINES						
154	CAP	Capparis cynophallophora	Jamaican Caper	High	yes	18" ht x 18" spr.	3 Gal.	24" O.C.
420	CHR	Chrysobalanus icaco 'Red Tip'	Red Tip Cocoplum	Medium	Wor			
1/5	The second				yes	30" O.A.	7 Gal.	30" O.C.
165	COL	Coreopsis lanceolata	Lanceleaf Tickseed	High	yes	30" O.A. 6" Ht. 10" spr.	7 Gal. 1 Gal.	30" O.C. 18" O.C.
69	COS	Coreopsis lanceolata Conocarpus erectus 'Sericeus'	Lanceleaf Tickseed Silver Buttonwood					
				High	yes	6" Ht. 10" spr.	1 Gal.	18" O.C.
69	cos	Conocarpus erectus 'Sericeus'	Silver Buttonwood	High High	yes yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A.	1 Gal. 7 Gal.	18" O.C. 30" O.C. 24" O.C. 24" O.C.
69 477	COS	Conocarpus erectus 'Sericeus' Dietes iridioides	Silver Buttonwood African Iris	High High Medium	yes yes no	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump	1 Gal. 7 Gal. 1 Gal.	18" O.C. 30" O.C. 24" O.C.
69 477 89	COS DII FIM	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island'	Silver Buttonwood African Iris Green Island Ficus	High High Medium High	yes yes no naturalized	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A.	1 Gal. 7 Gal. 1 Gal. 3 Gal.	18" O.C. 30" O.C. 24" O.C. 24" O.C.
69 477 89 31	DII FIM FOS	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata	Silver Buttonwood African Iris Green Island Ficus Florida Privet	High High Medium High High	yes yes no naturalized yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal.	18" O.C 30" O.C 24" O.C 24" O.C 30" O.C
69 477 89 31 252	COS DII FIM FOS HAM	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush	High High Medium High High Medium	yes yes no naturalized yes yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr.	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal. 3 Gal.	18" O.C. 30" O.C. 24" O.C. 24" O.C. 30" O.C. 36" O.C.
69 477 89 31 252 340	COS DII FIM FOS HAM ILX	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf'	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly	High High Medium High High Medium High	yes yes no naturalized yes yes yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr.	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal. 3 Gal. 3 Gal. 3 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C.
69 477 89 31 252 340 401 73 45	COS DII FIM FOS HAM ILX LAD	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana	High High Medium High High Medium High Medium High	yes yes no naturalized yes yes yes yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr.	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal. 3 Gal. 3 Gal. 1 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C.
69 477 89 31 252 340 401 73 45	COS DII FIM FOS HAM ILX LAD	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa Lantana involucrata	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana Florida Native White	High High Medium High High Medium High Medium High High High	yes yes no naturalized yes yes yes yes yes yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr. 12 ht "x 15" sp 12 ht "x 15" sp	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal. 3 Gal. 1 Gal. 1 Gal. 1 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C. 24" O.C.
69 477 89 31 252 340 401 73 45	COS DII FIM FOS HAM ILX LAD LAI MUH	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa Lantana involucrata Muhlenbergia capillaris	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana Florida Native White Pink Muhly Grass	High High Medium High High Medium High High High High High	yes yes no naturalized yes yes yes yes yes yes yes yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr. 12 ht "x 15" sp 12 ht "x 15" sp 30" O.A./ Full Clump	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal. 3 Gal. 1 Gal. 3 Gal. 1 Gal. 1 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C. 24" O.C. 18" O.C.
69 477 89 31 252 340 401 73 45	COS DII FIM FOS HAM ILX LAD LAI MUH PHF	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa Lantana involucrata Muhlenbergia capillaris Phyla nodiflora	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana Florida Native White Pink Muhly Grass Frogfruit	High High Medium High High Medium High High High High High High	yes yes no naturalized yes yes yes yes yes yes yes yes yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr. 12 ht "x 15" sp 12 ht "x 15" sp 30" O.A./ Full Clump 6" ht x 10" sp/ Full Clump	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal. 3 Gal. 1 Gal. 3 Gal. 1 Gal. 1 Gal. 1 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C. 24" O.C. 41" O.C. 42" O.C. 42" O.C.
69 477 89 31 252 340 401 73 45 466 20	COS DII FIM FOS HAM ILX LAD LAI MUH PHF SPX	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa Lantana involucrata Muhlenbergia capillaris Phyla nodiflora Serenoa repens	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana Florida Native White Pink Muhly Grass Frogfruit Saw Palmetto	High High Medium High High Medium High High High High High High High	yes yes no naturalized yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr. 12 ht "x 15" sp 12 ht "x 15" sp 30" O.A./ Full Clump 6" ht x 10" sp/ Full Clump 24" O.A./ Full Clump	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal. 3 Gal. 1 Gal. 3 Gal. 1 Gal. 1 Gal. 1 Gal. 7 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C. 24" O.C. 30" O.C.
69 477 89 31 252 340 401 73 45 466 20	COS DII FIM FOS HAM ILX LAD LAI MUH PHF SPX REX	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa Lantana involucrata Muhlenbergia capillaris Phyla nodiflora Serenoa repens Rhapis excelsa	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana Florida Native White Pink Muhly Grass Frogfruit Saw Palmetto Lady Palm	High High Medium High High Medium High High High High High High High High	yes yes no naturalized yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr. 12 ht "x 15" sp 12 ht "x 15" sp 30" O.A./ Full Clump 6" ht x 10" sp/ Full Clump 4" Ht. 10-15 stems min per plant	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal. 3 Gal. 1 Gal. 3 Gal. 1 Gal. 1 Gal. 7 Gal. 7 Gal. 7 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C. 24" O.C. 41" O.C. 30" O.C. 18" O.C. 42" O.C.
69 477 89 31 252 340 401 73 45 466 20 10	COS DII FIM FOS HAM ILX LAD LAI MUH PHF SPX REX TRA	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa Lantana involucrata Muhlenbergia capillaris Phyla nodiflora Serenoa repens Rhapis excelsa Trachelospermum asiaticum	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana Florida Native White Pink Muhly Grass Frogfruit Saw Palmetto Lady Palm Asiartic Jasmine	High High Medium High High Medium High High High High High High High High	yes yes no naturalized yes yes yes yes yes yes yes yes yes no no	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr. 12 ht "x 15" sp 12 ht "x 15" sp 30" O.A./ Full Clump 6" ht x 10" sp/ Full Clump 24" O.A./ Full Clump 4' Ht. 10-15 stems min per plant 10" O.A. Full	1 Gal. 7 Gal. 1 Gal. 3 Gal. 7 Gal. 3 Gal. 3 Gal. 1 Gal. 1 Gal. 1 Gal. 7 Gal. 1 Gal. 1 Gal. 1 Gal. 1 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C. 24" O.C. 42" O.C. 42" O.C. 18" O.C. 42" O.C. 15" O.C.
69 477 89 31 252 340 401 73 45 466 20 10 106 82	COS DII FIM FOS HAM ILX LAD LAI MUH PHF SPX REX TRA	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa Lantana involucrata Muhlenbergia capillaris Phyla nodiflora Serenoa repens Rhapis excelsa Trachelospermum asiaticum Tripsacum floridanum	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana Florida Native White Pink Muhly Grass Frogfruit Saw Palmetto Lady Palm Asiartic Jasmine Dwarf Fakahatchee Grass	High High Medium High High Medium High High High High High High High High	yes yes no naturalized yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr. 12 ht "x 15" sp 12 ht "x 15" sp 30" O.A./ Full Clump 6" ht x 10" sp/ Full Clump 4" Ht. 10-15 stems min per plant 10" O.A. Full 24" O.A./ Full Clump	1 Gal. 7 Gal. 1 Gal. 3 Gal. 3 Gal. 3 Gal. 1 Gal. 3 Gal. 1 Gal. 1 Gal. 1 Gal. 1 Gal. 7 Gal. 7 Gal. 7 Gal. 7 Gal. 7 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C. 24" O.C. 42" O.C. 30" O.C. 18" O.C. 42" O.C. 36" O.C. 42" O.C. 36" O.C. 36" O.C.
69 477 89 31 252 340 401 73 45 466 20 10 106 82	COS DII FIM FOS HAM ILX LAD LAI MUH PHF SPX REX TRA TRF ZAP	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa Lantana involucrata Muhlenbergia capillaris Phyla nodiflora Serenoa repens Rhapis excelsa Trachelospermum asiaticum Tripsacum floridanum	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana Florida Native White Pink Muhly Grass Frogfruit Saw Palmetto Lady Palm Asiartic Jasmine Dwarf Fakahatchee Grass	High High Medium High High Medium High High High High High High High High	yes yes no naturalized yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr. 12 ht "x 15" sp 12 ht "x 15" sp 30" O.A./ Full Clump 6" ht x 10" sp/ Full Clump 4" Ht. 10-15 stems min per plant 10" O.A. Full 24" O.A./ Full Clump	1 Gal. 7 Gal. 1 Gal. 3 Gal. 3 Gal. 3 Gal. 1 Gal. 3 Gal. 1 Gal. 1 Gal. 1 Gal. 1 Gal. 7 Gal. 7 Gal. 7 Gal. 7 Gal. 7 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C. 24" O.C. 42" O.C. 30" O.C. 18" O.C. 42" O.C. 36" O.C. 42" O.C. 36" O.C. 36" O.C.
69 477 89 31 252 340 401 73 45 466 20 10 106 82	COS DII FIM FOS HAM ILX LAD LAI MUH PHF SPX REX TRA TRF	Conocarpus erectus 'Sericeus' Dietes iridioides Ficus microcarpa 'Green Island' Forestiera segregata Hamelia nodosa Ilex vomitoria 'Schillings Dwarf' Lantana depressa Lantana involucrata Muhlenbergia capillaris Phyla nodiflora Serenoa repens Rhapis excelsa Trachelospermum asiaticum Tripsacum floridanum	Silver Buttonwood African Iris Green Island Ficus Florida Privet Dwarf Firebush Dwarf Yaupon Holly Florida Lantana Florida Native White Pink Muhly Grass Frogfruit Saw Palmetto Lady Palm Asiartic Jasmine Dwarf Fakahatchee Grass	High High Medium High High Medium High High High High High High High High	yes yes no naturalized yes	6" Ht. 10" spr. 30" O.A. 18" O.A./ Full Clump 18" O.A. 30" HT, 24" Spr 24" ht x 24" spr. 18" ht x 18" spr. 12 ht "x 15" sp 12 ht "x 15" sp 30" O.A./ Full Clump 6" ht x 10" sp/ Full Clump 4" Ht. 10-15 stems min per plant 10" O.A. Full 24" O.A./ Full Clump	1 Gal. 7 Gal. 1 Gal. 3 Gal. 3 Gal. 3 Gal. 1 Gal. 3 Gal. 1 Gal. 1 Gal. 1 Gal. 1 Gal. 7 Gal. 7 Gal. 7 Gal. 7 Gal. 7 Gal.	18" O.C. 30" O.C. 24" O.C. 30" O.C. 36" O.C. 24" O.C. 24" O.C. 24" O.C. 24" O.C. 30" O.C. 318" O.C. 42" O.C. 36" O.C. 36" O.C. 36" O.C. 36" O.C.

LEGEND

RELOCATED PALM



NEW PALM

TREE PROTECTION FENCE



EXISTING TREE TO REMAIN

TREE NUMBER

NOTES:

- 1. THE UNPAVED PORTION OF THE RIGHT-OF-WAY ADJACENT TO THE PROPERTY LINE TO BE LANDSCAPED AND PROVIDED WITH IRRIGATION AND MAINTENANCE.
- 2. ROOT BARRIERS SHALL BE INSTALLED AT ALL TREES/PALMS THAT ARE PLANTED WITHIN FIVE (5) FEET OF UNDERGROUND UTILITIES OR
- 3. ALL LANDSCAPE AREAS SHALL BE PROVIDED WITH A FULLY AUTOMATICALLY OPERATED IRRIGATION SYSTEM. IRRIGATION SYSTEM SHALL PROVIDE COMPLETE COVERAGE OF ALL PLANT MATERIALS. THIS SYSTEM SHOULD HAVE RAIN SENSOR AND SHOULD AUTOMATICALLY SHUT OFF WHEN RAINING.
- 4. WITHIN VISIBILITY TRIANGLES, LANDSCAPE SHALL BE MAINTAIN TO PROVIDE CLEAR VISIBILITY WITHOUT OBSTRUCTION FROM AN AREA BETWEEN THIRTY (30) INCHES AND EIGHT (8) FEET ABOVE AVERAGE ELEVATION OF THE INTERSECTION.



Sunshine State One Call

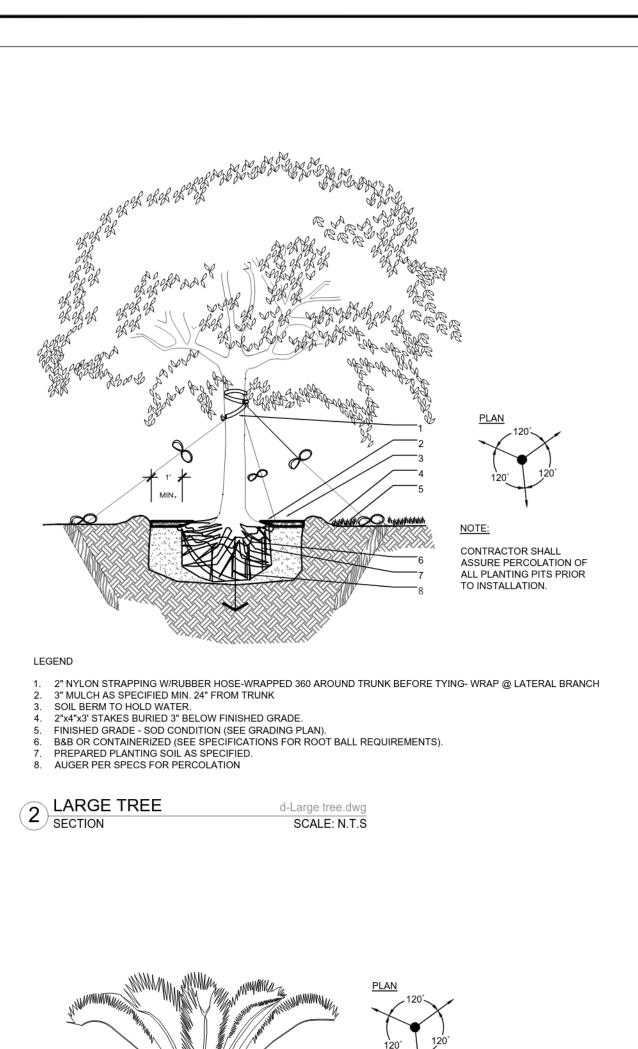
Know what's below. Call before you dig.

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Date: DECEMBER 7, 2023 Drawn By: AEM/MEP/GMP

Approved By: Project No: 202206

Sheet Number:



PRUNE AND TIE FRONDS WITH HEMP TWINE. . TWO LAYERS OF BURLAP TO PROTECT TRUNK

TWO STEEL BANDS TO SECURE BATTONS.

6. 3" MIN. MULCH- SEE SPECIFICATIONS

8. BERM SOIL TO HOLD WATER.

9. 2" X 4" X 3' WOOD STAKES.

5 SMALL PALM SECTION

3" MINIMUM OF MULCH

SOIL BERM TO HOLD WATER

6. FINISHED GRADE (SEE GRADING PLAN)

PREPARED PLANTING SOIL AS SPECIFIED.

5. 3-2" X 4" LUMBER POLE BRACES. NAIL (DRILL AND NAIL IF NECESSARY) TO BATTONS & 2" X4" STAKES. FLAG AT

. PREPARED PLANTING SOIL AS SPECIFIED. PALMS SHALL BE PLANTED WITH THE TOP OF ROOTBALL AT FINISHED

d-Small palm.DWG

PLANT MATERIAL SHALL BE PLANTED 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOT BALL

NOTE: WHEN GROUNDCOVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE EXCAVATED TO RECEIVE

d-Shrubs and groundcovers.DWG

SCALE: N.T.S

MINIMUN DEPTH OF 12" PLANTING SOIL FOR GROUNDCOVER BED

PLANTING SOIL & PLANT MATERIAL, UNLESS NOTED OTHERWISE

EXCAVATE ENTIRE RED SPECIFIED FOR GROUNDCOVER RED

SCALE: N.T.S

CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING

ITS/BEDS PRIOR TO INSTALLATION.

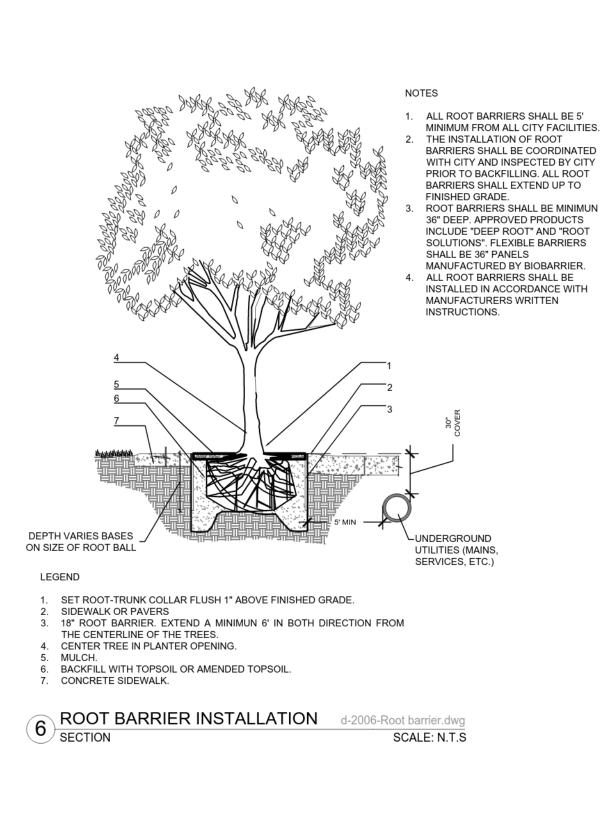
FINAL TREE STAKING DETAILS AND

LANDSCAPE ARCHITECT

PRIOR TO INSTALLATION.

PLACEMENT TO BE APPROVED BY

CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS



THREE 2"x4"x8" STAKES SPACE EVENLY AROUND TREE PAINTED BROWN.

B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).

d-Small tree.dwg

SCALE: N.T.S

#10 GUAGE WIRE

3 SMALL TREE SECTION

FINISHED GRADE (SEE GRADING PLAN).

PREPARED PLANTING SOIL AS SPECIFIED.

CONTRACTOR SHALL ASSURE

PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

FINAL TREE STAKING DETAILS AND PLACEMENT TO BE

PROTECT TREE TRUNK WITH

LEGEND

. 2" NYLON STRAPPING

THREE-2"X2"X8' STAKES

SOIL BERM TO HOLD WATER

4 MULTI-TRUNK TREE
SECTION

PREPARED PLANTING SOIL AS SPECIFIED

. MULCH CONTINUES - SHRUB BED CONDITION

FINISHED GRADE - SOD CONDITION (SEE GRADING PLAN).

B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).

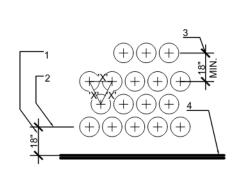
d-Multi-trunk tree.dwg

SCALE: N.T.S

3" MULCH AS SPECIFIED

APPROVED BY L.A.

BLACK RUBBER HOSE



LEGEND

SETBACK FOR SHRUBS PLANTED 24" O.C. OR GREATER. SETBACK FOR GROUNDCOVER AND ANNUALS. PROVIDE MIN. 18" SPACING BETWEEN DIFFERENT PLANT TYPES. CURB OR EDGE OF PAVEMENT

ALL SHRUBS AND GROUNDCOVER MASSES TO USE TRIANGULAR SPACING EXCEPT WHERE NOTED REFER TO PLANT LIST FOR INDIVIDUAL PLANT SPACING "X".

9 TYPICAL PLANT SPACING d-Typical spacing.DWG SCALE: N.T.S

10 MULCH SECTION d-Mulch.DWG SCALE: N.T.S

3" DECORATIVE MULCH, (SEE SPECIFICATIONS

ALL MULCH SHALL BE FREE OF FIRE ANTS AND DEBRIS ONLY

ENVIRONMENTAL FRIENDLY MULCH SHALL BE APPROVED.

MATERIALS, SEE SPECIFICATIONS)

SOD (PROVIDE CLEAN, SMOOTH EDGE BETWEEN SOD AND MULCHED AREAS).

PLANTING SOIL (FINE RAKED AND FREE OF WEEDS AND OTHER DELETERIOUS

GENERAL NOTES

FINAL TREE STAKING DETAILS AND PLACEMENT TO BE

PERCOLATION OF ALL PLANTING

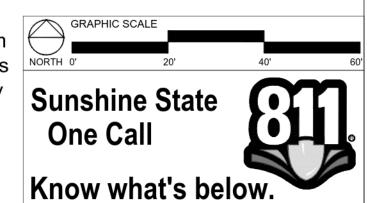
APPROVED BY THE L.A. CONTRACTOR SHALL ASSURE

- 1. Before construction begins, the Landscape Contractor is responsible for locating all underground utilities and must avoid damaging any services during construction. If any damage occurs by fault of the Contractor, the necessary repairs must take place at the Landscape Contractor's expense and under the supervision of the Owner's representative.
- 2. All proposed trees and plant materials shall be graded as Nursery Grade Florida No. 1 or better as outlined by the Florida Department of Agriculture and Consumer Services, Division of Plant Industry "Grades and standards for Nursery Plants", most current edition. All planting shall be done in accordance with the Florida Nurserymen's and Grower's Association approved practices.
- 3. In addition to these requirements the Landscape Contractor shall comply with all local landscape codes and requirements as part of this base bid and contract in order to satisfy the review and approval of the governing agency.
- All screening hedges shall be planted and maintained in a way that they form a continuous visual screen. Screening hedges at VUA to be maintained at a minimum height of thirty (30) inches.
- 5. All planting beds shall be excavated to a minimum depth of twenty-four (24") inches and backfilled with a suitable soil. All plant material shall be planted in planting soil that is delivered to the site in a loose, clean and friable condition. The planting soil shall be the approximate proportions as follows: 50% sand and 50% organic material consisting of native peat, well-decomposed sawdust, leaf mold and top soil. It shall provide a good pliable and thoroughly mixed medium with adequate aeration, drainage and water-holding capacity. It shall also be free of all extraneous debris, such as roots, stones, weeds, etc.
- 6. All trees/palms and shrubs shall be fertilized with "Agriform" 20-10-5 planting tablets as per the manufacturers specifications at the time of installation and prior completion of pit backfilling also in conjunction with note #5. Tablets to be placed uniformly around the root mass at a depth that is between the middle and bottom of root mass at an application rate of: One (1) - 21 gram tablet for 1 gal container, two (2)- tablets for 3 gal container, three (3)- tablets for 5 gal container, four (4)-tablets for 7 gal container, three (3)-tablets for each 1/2 inch of tree caliper, and seven (7) tablets for palms. Ground Cover areas shall receive fertilization with "Ozmocote" time release fertilizer as per manufacturer's specification.
- 7. All plant beds shall receive a 3" layer of organic mulch, which is to be watered-in after installation. Mulch should be at least six (6) inches away from any portion of a structure or tree trunk and three (3) inches away from the base of shrubs. Only environmental friendly mulch shall be approved, Cypress mulch shall not be accepted.
- 8. All plant material shall be thoroughly watered in at the time of planting and until landscape material is established. No dry material shall be permitted.
- 9. The plant material schedule is presented for the convenience of the Landscape Contractor. In the event of a discrepancy between the plan and the plant key, the plan shall prevail.
- 10. Plants shall meet size, container, and spacing specifications. Any material not meeting specifications shall be removed and replaced at the contractor's expense.
- 11. All tree and shrub locations shall be approved by Landscape Architect prior to planting.
- 12. The Landscape Contractor shall grade planting beds, as required, to provide positive drainage and promote optimum plant growth.
- 13. The Landscape Contractor shall be responsible for examining fully both the site and bid documents. Discrepancies in the documents or the actual site conditions shall be reported to the Landscape Architect in writing at the time of bidding or discovery. No account shall be made after contract completion for failure by the Landscape Contractor to report such condition or for errors on the part of the Landscape Contractor at the time of bidding.
- 14. The Landscape Contractor shall be responsible for securing all necessary applicable permits and licenses to perform the work set forth in this plan set and the specifications.
- 15. Plant material shall be bid as specified unless unavailable, at which time the Landscape Architect shall be notified in writing of intended changes.
- 16. All questions concerning the plan set and/or specifications shall be directed to the Landscape
- 17. There shall be no additions, deletions or substitutions without written approval of the Landscape
- 18. The Landscape Contractor shall guarantee, in writing, plant survivability. Trees and palms for twelve (12) months, shrubs and groundcovers for ninety (90) days and sod for sixty (600 days from final acceptance by the Owner or Owner's representative.
- 19. All dimensions to be field-checked by the Landscape Contractor prior to landscape material installation. Discrepancies shall be reported immediately to the Landscape Architect.
- 20. All materials must be as specified on the landscape plan. If materials or labor do not adhere to specifications, they will be rejected by the Landscape Architect with proper installation carried out by the Landscape Contractor at no additional cost.
- 21. Existing sod shall be removed as necessary to accommodate new plantings
- 22. All existing trees on site shall be protected from damage during construction See existing tree protection fence detail.
- 23. Any existing landscape and hardscape areas that are unnecessarily disturbed during the landscape installation shall be restored to original conditions by the Landscape Contractor.
- 24. The Landscape Contractor will be responsible for the collection, removal, and proper disposal of any and all debris generated during the installation of this project.
- 25. All landscape areas to have a positive drainage away from buildings and structures. Finished grade of landscape areas to be at or below the grade of adjacent sidewalks, slabs or VUA
- 26. Trees installed within 5' of a utility easement, underground utilities or any public infrastructure shall utilize a root barrier system.

IRRIGATION NOTES:

All landscape areas shall be provided with a fully automatically operated irrigation system. Irrigation system shall provide complete coverage of all plant materials. this system should have rain sensor and should automatically shut off when raining. Irrigation system to comply with applicable jurisdictional requirements.

Irrigation system to use potable water.



Call before you dig.

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Description:						
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TAIL \boldsymbol{O} N ◁

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SEAL / SIGNATURE

CTURE, LLC. AND SHALL NOT BE USED,

1" = 20'-0 Drawn Bv: AEM/MEP/GMF Approved By: Project No: 202206

Sheet Number