PRELIMINARY ENGINEERING PLANS

– FOR –

UNITED MANAGEMENT CORP

PROPOSED

WMODA MIXED-USE, CULTURAL ARTS CAMPUS

LOCATION OF SITE

501 LAKE AVENUE

LAKE WORTH BEACH, FL 33460

MAP 2, BLOCK 23, LOTS 1-10 AND 17-27

PARCEL ID(S): 38-43-44-21-15-023-0010; 38-43-44-21-15-023-0020;

38-43-44-21-15-023-0030; 38-43-44-21-15-023-0050; 38-43-44-21-15-023-0060;

38-43-44-21-15-023-0090; 38-43-44-21-15-023-0170; 38-43-44-21-15-023-0191;

38-43-44-21-15-023-0220; 38-43-44-21-15-023-0230; 38-43-44-21-15-023-0250

REFEREN	ICES
BOUNDA	RY & TOPOGRAPHIC SURVEY:
	MERIDIAN SURVEYING, INC.
	RIDGE STREET M BEACH, FL 3415
DATED: 08/	
	NS: NAVD 1988 33) 478-7764
• GEOTEC	HNICAL INVESTIGATION REPORT:
ECS FLORI	
	UE P, SUITE 3 M BEACH, FL 33404
DATED: 05/	
PHONE: (56	61) 840-3667
	ECTURAL PLAN:
HLW 222 LAKEV	IEW AVE, SUITE 800
WEST PALI	M BEACH, FL 33401
DATED: 03/ PHONE: (56	/17/25 61) 352-0474
`	,
	ING AGENCIES
	IG, ZONING COMMITTEE KE WORTH BEACH
1900 2ND A	
	TH BEACH, FL, 33461 61) 586-1687
	G DEPARTMENT KE WORTH BEACH
1900 2ND A	VE NORTH
	TH BEACH, FL, 33461 61) 586-1647
WATER 8	•
	X SEVVEK KE WORTH BEACH
VAUGHN H	
	ERAL HWY #104 TH BEACH, FL, 33460
PHONE: (56	51) 586-1798
ELECTRI	С
	KE WORTH BEACH
JAKUB PAJ 120 N FEDE	ERAL HWY #104
	TH BEACH, FL, 33460
TIONE. (30	61) 273-6907
	PARTMENT
	KE WORTH BEACH RNE AVENUE
LAKE WOR	TH BEACH, FL, 33460
PHONE: (56	61) 586-1600
TELEPHO	ONE
AT&T	
TIMOTHY G	GIBBS 61) 706-6350
`	•
CABLE	
COMCAST DANIEL TIB	URICO
	61) 815-6659
♦GAS	
FLA PUBLIC	CUTILITIES
) VAN-LEEUWEN
PHONE: (56	01) 090-2338
♦ STORM	<u>IWATER</u>
	ORIDA WATER MANAGEMENT DISTRICT
3301 GUN (WEST PALI	CLUB RD M BEACH, FL, 33406
PHONE: (56	

THE ABOVE REFERENCED DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THESE PLANS, HOWEVER, BOHLER ENGINEERING DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR DERIVED FROM THESE DOCUMENTS, BY

LEGAL DESCRIPTION

LOT 1-10, 22-27 AND 17-21, BLOCK 23, THE PALM BEACH FARMS CO PLAT NO. 2, LUCERNE TOWNSITE, (N/K/A LAKE WORTH), ACCORDING TO THE MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK 2, PAGE(S) 29 THROUGH 40, INCLUSIVE, OF THE PUNLIC RECORD OF PALM BEACH COUNTY, FLORIDA.

CONTAINING 69624 SQUARE FEET (1.6 ACRES)



OWNER 166 MONTAGUE STREET BROOKLYN, NY 11201

DEVELOPER

PREPARED BY



SHEET INDEX SHEET TITLE SHEET NUI COVER SHEET C-101 GENERAL NOTES AND LEGEND C-102 DEMOLITION PLAN SITE LAYOUT ACCESS EXHIBIT GRADING AND DRAINAGE PLAN UTILITY PLAN C-501 EROSION AND SEDIMENT CONTROL PLAN PHASE I CONSTRUCTION DETAILS L-701 LIGHTING PLAN L-701 LANDSCAPE DETAILS L-702 LANDSCAPE DETAILS L-703 ALTA SURVEY (BY OTHERS)			
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DEV/	DATE	COMMENT	DRAWN I
REV	DATE	COMMENT	CHECKED

P-CIVL-CNDS

CAD I.D.

PRELIMINARY ENGINEERING PLANS

DEVELOPMENT **501 LAKE AVE** CITY OF LAKE WORTH BEACH

LAKE WORTH BEACH, FL

BOHLER

1900 NW CORPORATE BOULEVARD SUITE 101E

BOCA RATON, FLORIDA 33431 Fax: (561) 571-0281

COVER SHEET

THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIE:

C-101

ORG. DATE - 6/25/2025

<u>GENERAL NOTE:</u> IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJE VORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD II VRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITU

125, 2025 2023 E E 23023 00/CAD/DEA

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EASEMENT LINE	
SETBACK LINE	
UTILITY POLE	0
TYPICAL SIGN	
PARKING COUNT	X
CONTOUR	170
SPOT ELEVATIONS	TC 516.4 OR 516.4
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WATER LINE	
ELECTRIC LINE	——————————————————————————————————————
GAS LINE	
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TYPICAL END SECTION	
CLEANOUT	C/O
ASPHALT PAVEMENT	
CONCRETE	

DEMOLITION NOTES:

- 1. BOHLER ENGINEERING FL, LLC IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. CONTRACTOR IS TO PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND SAFE MANNER, FOLLOWING ALL THE OSHA REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY.
- 2. ALL DEMOLITION ACTIVITIES ARE TO BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AS WELL AS ALL FEDERAL, STATE AND LOCAL REGULATIONS. ANY DISCREPANCIES OR DEVIATIONS SHALL BE IDENTIFIED BY THE CONTRACTOR TO BOHLER ENGINEERING FL,

LLC IN WRITING FOR RESOLUTION PRIOR TO INITIATION OF SITE ACTIVITY.

- PRIOR TO STARTING ANY DEMOLITION CONTRACTOR IS RESPONSIBLE FOR/TO:
 A. THE CONTRACTOR SHALL OBTAIN A SUNSHINE STATE ONE CALL
- A. THE CONTRACTOR SHALL OBTAIN A SUNSHINE STATE ONE CALL LOCATION CERTIFICATION PRIOR TO ANY EXCAVATION OR DEMOLITION. THE NUMBER IS 1-800-432-4770.

B. ENSURING COPIES OF ALL PERMITS AND APPROVALS MUST BE MAINTAINED ON SITE AND AVAILABLE FOR REVIEW.

C. INSTALLING THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE.

D. LOCATE/CAP ALL UTILITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE.

E. PROTECTING AND MAINTAINING IN OPERATION, ALL ACTIVE SYSTEMS THAT ARE NOT BEING REMOVED DURING ALL DEMOLITION ACTIVITIES.

F. FAMILIARIZING THEMSELVES WITH THE APPLICABLE UTILITY SERVICE PROVIDER AND BEING RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION REQUIRED FOR THE PROJECT. THE CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTION AND UTILITY COMPANY REQUIREMENTS.

G. COORDINATION WITH UTILITY COMPANIES REGARDING WORKING "OFF-PEAK" HOURS OR ON WEEKENDS AS MAY BE REQUIRED TO MINIMIZE THE IMPACT ON THE AFFECTED PARTIES.

H. A COMPLETE INSPECTION OF CONTAMINANTS BY A LICENSED ENVIRONMENTAL TESTING AGENCY, OF ALL BUILDINGS AND/OR STRUCTURES TO BE REMOVED. SAME SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL ENVIRONMENTAL REGULATIONS. ANY/ALL CONTAMINANTS SHALL BE REMOVED AND DISPOSED OF BY A FEDERALLY LICENSED CONTRACTOR IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. ALL ENVIRONMENTAL WORK INCLUDING HAZARDOUS MATERIAL, SOILS, ASBESTOS, OR OTHER REFERENCED OR IMPLIED HEREIN IS THE SOLE RESPONSIBILITY OF THE OWNER'S ENVIRONMENTAL CONSULTANT.

- 4. THE CONTRACTOR SHALL PROVIDE ALL THE "MEANS AND METHODS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES, AND ANY OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE DEMOLITION CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS OF DAMAGE TO ALL ITEMS THAT ARE TO REMAIN AS A RESULT OF HIS ACTIVITIES. ALL REPAIRS SHALL USE NEW MATERIAL. THE REPAIRS SHALL RESTORE THE ITEM TO THE PRE-DEMOLITION CONDITION.
- 5. IN THE ABSENCE OF SPECIFICATIONS, THE CONTRACTOR SHALL PERFORM EARTH MOVEMENT ACTIVITIES, DEMOLITION AND REMOVAL OF ALL FOUNDATION WALLS, FOOTINGS, AND OTHER MATERIALS WITHIN THE LIMITS OF DISTURBANCE IN ACCORDANCE WITH DIRECTION BY OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER.
- 6. EXPLOSIVES SHALL NOT BE USED WITHOUT PRIOR WRITTEN CONSENT OF BOTH THE OWNER AND APPLICABLE GOVERNMENTAL AUTHORITIES. ALL THE REQUIRED PERMITS AND EXPLOSIVE CONTROL MEASURES THAT ARE REQUIRED BY THE FEDERAL, STATE, AND LOCAL GOVERNMENTS SHALL BE IN PLACE PRIOR TO STARTING AN EXPLOSIVE PROGRAM. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL INSPECTION AND SEISMIC VIBRATION TESTING THAT IS REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES.
- 7. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH: THE "MANUAL ON UNIFORM TRAFFIC CONTROL," AS WELL AS FEDERAL, STATE, AND LOCAL REGULATIONS WHEN DEMOLITION RELATED ACTIVITIES IMPACT ROADWAYS OR ROADWAY RIGHTS OF WAY.
- 8. CONDUCT DEMOLITION ACTIVITIES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND OTHER ADJACENT FACILITIES. STREET CLOSURE PERMITS MUST BE RECEIVED FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY.
- 9. DEMOLITION ACTIVITIES AND EQUIPMENT SHALL NOT USE AREAS OUTSIDE THE DEFINED PROPERTY LINE WITHOUT WRITTEN PERMISSION OF THE
- OWNER, AND/OR APPROPRIATE GOVERNMENT AGENCY.

 10. USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING, AND SCATTERING IN THE AIR IN ACCORDANCE WITH FEDERAL
- RISING AND SCATTERING IN THE AIR IN ACCORDANCE WITH FEDERAL, STATE, AND/OR LOCAL STANDARDS. AFTER THE DEMOLITION IS COMPLETE, ADJACENT STRUCTURES AND IMPROVEMENTS SHALL BE CLEANED OF ALL DUST AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION.
- 11. CONTRACTOR IS RESPONSIBLE TO SAFEGUARD SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS AT ANY TIME.
- 12. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION OTHER THAN THAT ALL METHODS AND MEANS ARE TO BE IN ACCORDANCE WITH STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE.
- 13. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION WASTES AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL TOWN, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES.
- 14. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING SITE IMPROVEMENTS AND UTILITIES. ALL DISCREPANCIES SHALL BE IDENTIFIED TO THE ENGINEER IN WRITING.
- 15. ALL EXISTING UTILITIES BEING REMOVED SHALL BE DONE SO BY THE CONTRACTOR IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

DATUM NOTES:

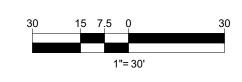
ELEVATIONS ARE BASED ON NAVD88 DATUM DETERMINED BY GPS OBSERVATIONS AND TIED IN TO THE BENCHMARK LB 8261 WITH A PUBLISHED ELEVATION OF 12.04 FEET.

FEMA MAP INFORMATION:

THE SITE EXISTS WITHIN ZONE X WHICH MEANS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN OF MINIMAL FLOOD HAZARD PER THE FEMA MAP (12099C0781F DATED

PHASING NOTE:

 REMOVE EXISTING SEWER AND WATER AFTER PROPOSED SEWER AND WATER CONNECTION.



SULTING ENGINEERING
JRVEYING

E CIVIL AND CONSULTING LAND SURVEYI PROGRAM MANAGI LANDSCAPE ARCHIT SUSTAINABLE DE

REVISIONS

COMMENT

REV DATE

RELIMINARY

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT OR BIDDING UNLESS INDICATED OTHERWISE.

P-CIVL-EXDM

PROJECT No.: FLB230233.0
DRAWN BY: RI

CHECKED BY:

CAD I.D.:

PRELIMINARY

ENGINEERING PLANS

UNITED

PROPOSED DEVELOPMENT

501 LAKE AVE CITY OF LAKE WORTH BEACH LAKE WORTH BEACH, FL



1900 NW CORPORATE BOULEVARD

SUITE 101E BOCA RATON, FLORIDA 33431 Phone: (561) 571-0280 Fax: (561) 571-0281

FLORIDA BUSINESS CERT. OF AUTH. No. 30780

EEN DIGITALLY SIGNED AND SEALED BY ROBERT

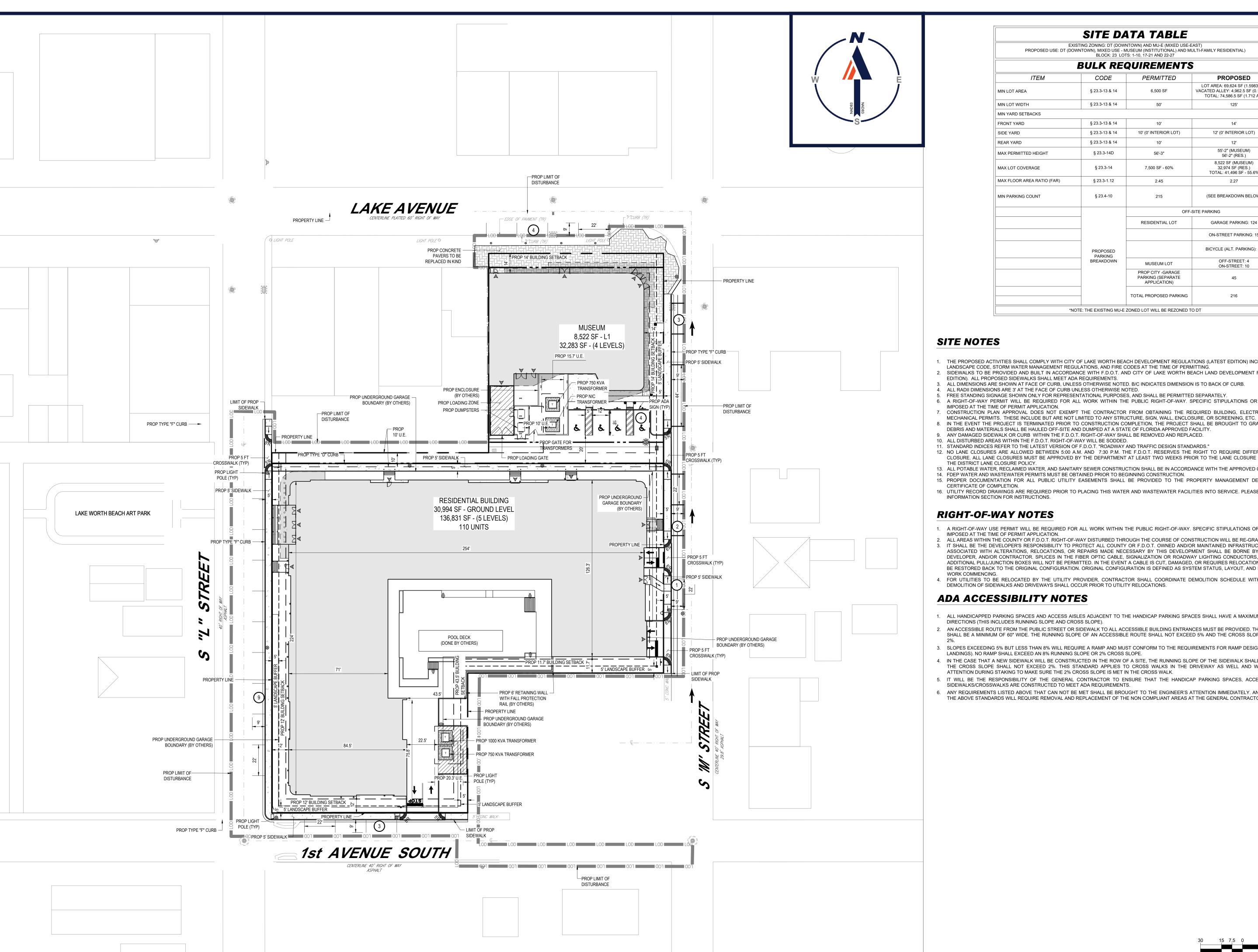
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY ROBERT MORGADO, PE, ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SHEET TITLE:

DEMOLITION PLAN

SHEET NIIMBEI

C-201



SITE DATA TABLE EXISTING ZONING: DT (DOWNTOWN) AND MU-E (MIXED USE-EAST) PROPOSED USE: DT (DOWNTOWN), MIXED USE - MUSEUM (INSTITUTIONAL) AND MULTI-FAMILY RESIDENTIAL) BLOCK: 23 LOTS: 1-10, 17-21 AND 22-27 **BULK REQUIREMENTS** ITEM CODE PERMITTED PROPOSED LOT AREA: 69,624 SF (1.5983 AC) § 23.3-13 & 14 6.500 SF MIN LOT AREA VACATED ALLEY: 4,962.5 SF (0.114 AC) TOTAL: 74,586.5 SF (1.712 AC) § 23.3-13 & 14 MIN LOT WIDTH 50' MIN YARD SETBACKS FRONT YARD § 23.3-13 & 14 10' 12' (0' INTERIOR LOT) 10' (0' INTERIOR LOT) § 23.3-13 & 14 SIDE YARD REAR YARD § 23.3-13 & 14 55'-2" (MUSEUM) § 23.3-14D MAX PERMITTED HEIGHT 56'-3" 56'-2" (RFS.) 8,522 SF (MUSEUM) § 23.3-14 7,500 SF - 60% MAX LOT COVERAGE 32 974 SF (RFS.) TOTAL: 41,496 SF - 55.6% MAX FLOOR AREA RATIO (FAR) § 23.3-1.12 2.45 2.27 MIN PARKING COUNT § 23.4-10 (SEE BREAKDOWN BELOW) OFF-SITE PARKING RESIDENTIAL LOT GARAGE PARKING: 124 ON-STREET PARKING: 15 BICYCLE (ALT. PARKING): 18 PROPOSED PARKING OFF-STREET: 4 MUSEUM LOT ON-STREET: 10 PROP CITY -GARAGE PARKING (SEPARATE APPLICATION) TOTAL PROPOSED PARKING *NOTE: THE EXISTING MU-E ZONED LOT WILL BE REZONED TO DT

SITE NOTES

- 1. THE PROPOSED ACTIVITIES SHALL COMPLY WITH CITY OF LAKE WORTH BEACH DEVELOPMENT REGULATIONS (LATEST EDITION) INCLUDING THE TREE AND LANDSCAPE CODE, STORM WATER MANAGEMENT REGULATIONS, AND FIRE CODES AT THE TIME OF PERMITTING.
- SIDEWALKS TO BE PROVIDED AND BUILT IN ACCORDANCE WITH F.D.O.T. AND CITY OF LAKE WORTH BEACH LAND DEVELOPMENT REGULATIONS (LATEST EDITION). ALL PROPOSED SIDEWALKS SHALL MEET ADA REQUIREMENTS.
- ALL DIMENSIONS ARE SHOWN AT FACE OF CURB, UNLESS OTHERWISE NOTED, B/C INDICATES DIMENSION IS TO BACK OF CURB.
- ALL RADII DIMENSIONS ARE 3' AT THE FACE OF CURB UNLESS OTHERWISE NOTED. FREE STANDING SIGNAGE SHOWN ONLY FOR REPRESENTATIONAL PURPOSES, AND SHALL BE PERMITTED SEPARATELY.
- A RIGHT-OF-WAY PERMIT WILL BE REQUIRED FOR ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY. SPECIFIC STIPULATIONS OR CONDITIONS WILL BE
- IMPOSED AT THE TIME OF PERMIT APPLICATION. CONSTRUCTION PLAN APPROVAL DOES NOT EXEMPT THE CONTRACTOR FROM OBTAINING THE REQUIRED BUILDING, ELECTRICAL, PLUMBING, AND
- IN THE EVENT THE PROJECT IS TERMINATED PRIOR TO CONSTRUCTION COMPLETION, THE PROJECT SHALL BE BROUGHT TO GRADE, SEEDED, AND ALL DEBRIS AND MATERIALS SHALL BE HAULED OFF-SITE AND DUMPED AT A STATE OF FLORIDA APPROVED FACILITY. ANY DAMAGED SIDEWALK OR CURB WITHIN THE F.D.O.T. RIGHT-OF-WAY SHALL BE REMOVED AND REPLACED.
- 10. ALL DISTURBED AREAS WITHIN THE F.D.O.T. RIGHT-OF-WAY WILL BE SODDED.
- 11. STANDARD INDICES REFER TO THE LATEST VERSION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS." 12. NO LANE CLOSURES ARE ALLOWED BETWEEN 5:00 A.M. AND 7:30 P.M. THE F.D.O.T. RESERVES THE RIGHT TO REQUIRE DIFFERENT HOURS OF LANE CLOSURE. ALL LANE CLOSURES MUST BE APPROVED BY THE DEPARTMENT AT LEAST TWO WEEKS PRIOR TO THE LANE CLOSURE IN ACCORDANCE WITH THE DISTRICT LANE CLOSURE POLICY.
- 13. ALL POTABLE WATER, RECLAIMED WATER, AND SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLAN 14. FDEP WATER AND WASTEWATER PERMITS MUST BE OBTAINED PRIOR TO BEGINNING CONSTRUCTION.
- 15. PROPER DOCUMENTATION FOR ALL PUBLIC UTILITY EASEMENTS SHALL BE PROVIDED TO THE PROPERTY MANAGEMENT DEPARTMENT PRIOR TO CERTIFICATE OF COMPLETION.
- 16. UTILITY RECORD DRAWINGS ARE REQUIRED PRIOR TO PLACING THIS WATER AND WASTEWATER FACILITIES INTO SERVICE. PLEASE SEE THE ADDITIONAL INFORMATION SECTION FOR INSTRUCTIONS.

RIGHT-OF-WAY NOTES

- 1. A RIGHT-OF-WAY USE PERMIT WILL BE REQUIRED FOR ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY. SPECIFIC STIPULATIONS OR CONDITIONS WILL BE IMPOSED AT THE TIME OF PERMIT APPLICATION.
- ALL AREAS WITHIN THE COUNTY OR F.D.O.T. RIGHT-OF-WAY DISTURBED THROUGH THE COURSE OF CONSTRUCTION WILL BE RE-GRADED AND SODDED. IT SHALL BE THE DEVELOPER'S RESPONSIBILITY TO PROTECT ALL COUNTY OR F.D.O.T. OWNED AND/OR MAINTAINED INFRASTRUCTURE. ANY/ALL COSTS ASSOCIATED WITH ALTERATIONS, RELOCATIONS, OR REPAIRS MADE NECESSARY BY THIS DEVELOPMENT SHALL BE BORNE BY EITHER THE OWNER, DEVELOPER, AND/OR CONTRACTOR. SPLICES IN THE FIBER OPTIC CABLE, SIGNALIZATION OR ROADWAY LIGHTING CONDUCTORS, OR THE ADDITION OF ADDITIONAL PULL/JUNCTION BOXES WILL NOT BE PERMITTED. IN THE EVENT A CABLE IS CUT, DAMAGED, OR REQUIRES RELOCATION, THE CABLE(S) SHALL BE RESTORED BACK TO THE ORIGINAL CONFIGURATION. ORIGINAL CONFIGURATION IS DEFINED AS SYSTEM STATUS, LAYOUT, AND DESIGN PRIOR TO ANY
- 4. FOR UTILITIES TO BE RELOCATED BY THE UTILITY PROVIDER, CONTRACTOR SHALL COORDINATE DEMOLITION SCHEDULE WITH UTILITY PROVIDERS. DEMOLITION OF SIDEWALKS AND DRIVEWAYS SHALL OCCUR PRIOR TO UTILITY RELOCATIONS.

ADA ACCESSIBILITY NOTES

- 1. ALL HANDICAPPED PARKING SPACES AND ACCESS AISLES ADJACENT TO THE HANDICAP PARKING SPACES SHALL HAVE A MAXIMUM OF 2% SLOPE IN ALL DIRECTIONS (THIS INCLUDES RUNNING SLOPE AND CROSS SLOPE).
- AN ACCESSIBLE ROUTE FROM THE PUBLIC STREET OR SIDEWALK TO ALL ACCESSIBLE BUILDING ENTRANCES MUST BE PROVIDED. THIS ACCESSIBLE ROUTE SHALL BE A MINIMUM OF 60" WIDE. THE RUNNING SLOPE OF AN ACCESSIBLE ROUTE SHALL NOT EXCEED 5% AND THE CROSS SLOPE SHALL NOT EXCEED
- 3. SLOPES EXCEEDING 5% BUT LESS THAN 8% WILL REQUIRE A RAMP AND MUST CONFORM TO THE REQUIREMENTS FOR RAMP DESIGN (HANDRAILS, CURBS, LANDINGS). NO RAMP SHALL EXCEED AN 8% RUNNING SLOPE OR 2% CROSS SLOPE.
- 4. IN THE CASE THAT A NEW SIDEWALK WILL BE CONSTRUCTED IN THE ROW OF A SITE, THE RUNNING SLOPE OF THE SIDEWALK SHALL NOT EXCEED 5% AND THE CROSS SLOPE SHALL NOT EXCEED 2%. THIS STANDARD APPLIES TO CROSS WALKS IN THE DRIVEWAY AS WELL AND WILL REQUIRE SPECIAL
- 5. IT WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE THAT THE HANDICAP PARKING SPACES, ACCESSIBLE ROUTES, AND SIDEWALKS/CROSSWALKS ARE CONSTRUCTED TO MEET ADA REQUIREMENTS.
- 6. ANY REQUIREMENTS LISTED ABOVE THAT CAN NOT BE MET SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY. ANYTHING NOT BUILT TO THE ABOVE STANDARDS WILL REQUIRE REMOVAL AND REPLACEMENT OF THE NON COMPLIANT AREAS AT THE GENERAL CONTRACTORS COST.

REVISIONS

COMMENT

REV DATE

REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUC

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PROJECT No.: DRAWN BY:

CHECKED BY: CAD I.D.: P-CIVL-SITE

PROJECT:

PRELIMINARY ENGINEERING PLANS



PROPOSED DEVELOPMENT

501 LAKE AVE CITY OF LAKE WORTH BEACH LAKE WORTH BEACH, FL

BOHLER

1900 NW CORPORATE BOULEVARD

SUITE 101E **BOCA RATON, FLORIDA 33431** Phone: (561) 571-0280 Fax: (561) 571-0281

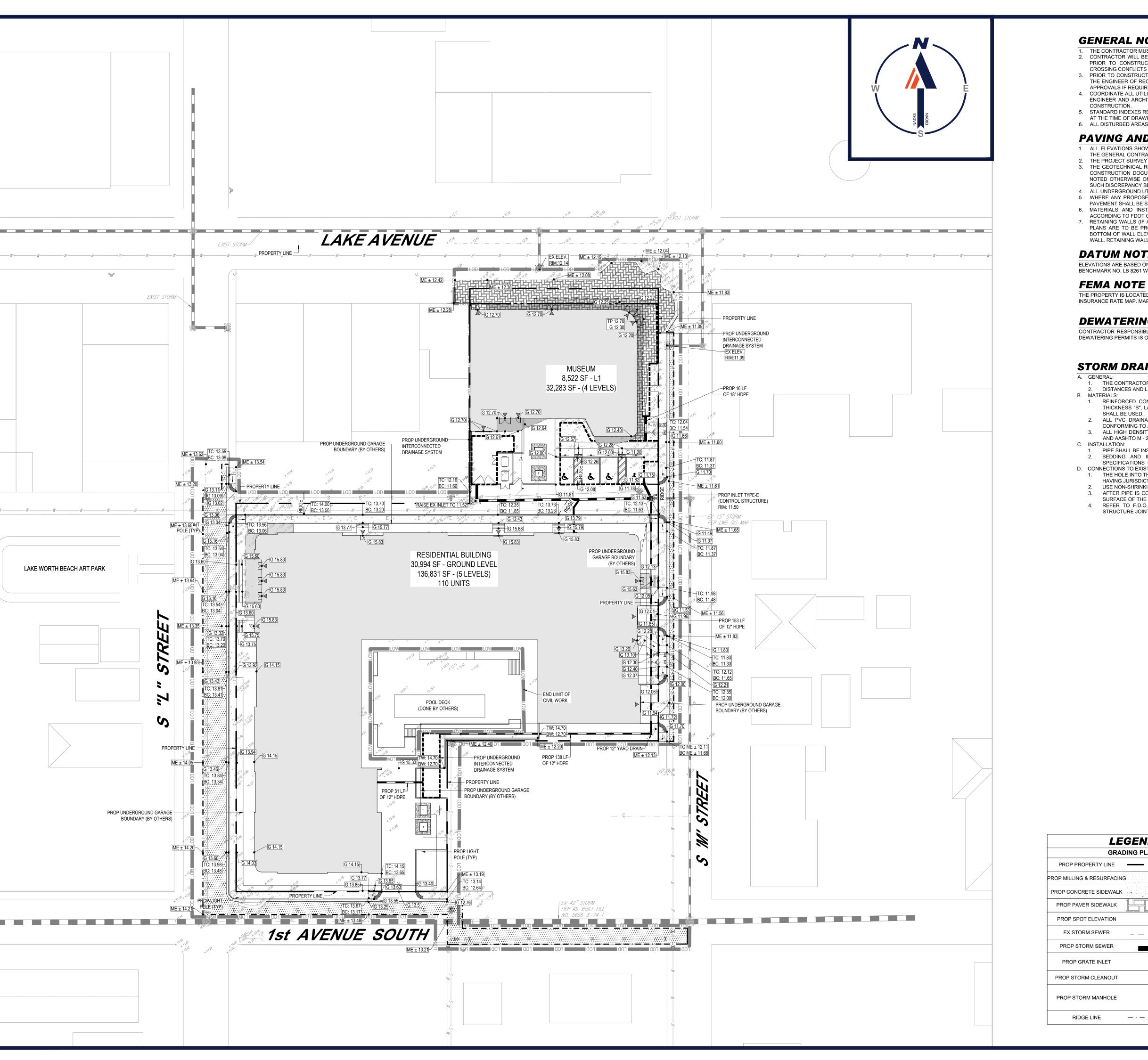
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LAYOUT

SHEET TITLE:

C-301



GENERAL NOTES

- 1. THE CONTRACTOR MUST BE FAMILIAR WITH ALL NOTES ON THE GENERAL NOTES SHEET. 2. CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER IN WRITING OF ANY NECESSARY RELOCATIONS OR CROSSING CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION. 3. PRIOR TO CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY
- THE ENGINEER OF RECORD. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVALS IF REQUIRED. 4. COORDINATE ALL UTILITY LEADS AND BUILDING CONNECTIONS WITH THE ARCHITECTURAL PLANS. NOTIFY THE ENGINEER AND ARCHITECT OF RECORD IN WRITING OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH
- 5. STANDARD INDEXES REFER TO THE LATEST EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS"
- AT THE TIME OF DRAWING PREPARATION. 6. ALL DISTURBED AREAS WITHIN RIGHT-OF-WAY WILL NEED TO BE SODDED.

PAVING AND GRADING NOTES

WALL. RETAINING WALLS ARE TO BE PERMITTED SEPARATELY.

- 1. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE SURVEYOR'S BENCHMARKS AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUNDBREAK.
- 2. THE PROJECT SURVEY REFERENCED ON THE COVER SHALL BE CONSIDERED A PART OF THESE PLANS. 3. THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED
- NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DISCREPANCY BETWEEN GEOTECHNICAL REPORT AND PLANS, ETC. 4. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF THE PAVING BASE.

CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY

- 5. WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAWCUT TO ENSURE A PROPER JOINT.
- 6. MATERIALS AND INSTALLATION SHALL MATCH THE PAVEMENT DETAILS PROVIDED AND BE INSTALLED ACCORDING TO FDOT OR OTHER PROJECT SPECIFICATIONS. RETAINING WALLS (IF APPLICABLE) SHOWN ARE FOR GRADING AND LAYOUT PURPOSES ONLY. WALL DESIGN PLANS ARE TO BE PROVIDED BY OTHERS. SEE WALL DESIGN PREPARED BY OTHERS FOR TRUE TOP AND

BOTTOM OF WALL ELEVATIONS. RETAINING WALLS SHALL BE NO GREATER THAN 6" IN HEIGHT AT THE END OF

DATUM NOTE

ELEVATIONS ARE BASED ON NAVD88 DATUM DETERMINED BY GPS OBSERVATIONS AND TIED INTO THE NGS BENCHMARK NO. LB 8261 WITH A PUBLISHED ELEVATION OF 12.24 FEET.

FEMA NOTE

THE PROPERTY IS LOCATED IN ZONE X (AREAS OF MINIMAL FLOOD HAZARD) PER MAP ENTITLED "FIRM, FLOOD INSURANCE RATE MAP. MAP NUMBER 12099C0781F, WITH A MAP REVISION DATE OF OCTOBER 5,2017.

DEWATERING NOTE

LEGEND

GRADING PLAN

EX STORM SEWER

PROP STORM SEWER

PROP GRATE INLET

RIDGE LINE

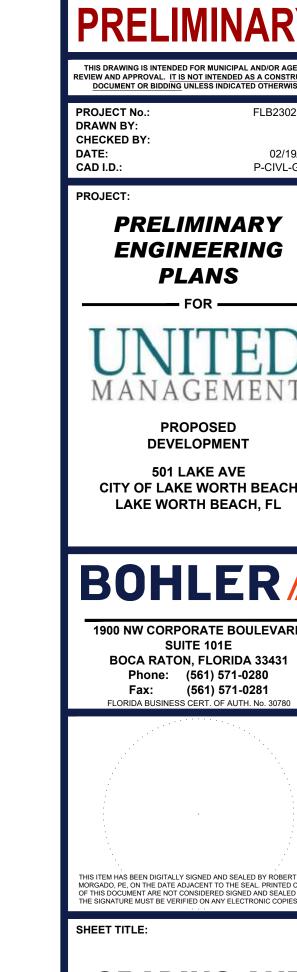
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CONTRACTOR RESPONSIBLE FOR OBTAINING ALL DEWATERING PERMITS PRIOR TO CONSTRUCTION. OBTAINING DEWATERING PERMITS IS OUTSIDE OF BOHLERS SCOPE OF WORK.

STORM DRAINAGE NOTES

- THE CONTRACTOR MUST BE FAMILIAR WITH ALL NOTES ON THE GENERAL NOTES SHEET. DISTANCES AND LENGTHS OF PIPE SHOWN ON PLANS ARE REFERENCED TO THE CENTER OF STRUCTURES.
- B. MATERIALS: REINFORCED CONCRETE PIPE (RCP) SHALL MEET THE REQUIREMENTS OF ASTM C-76, CLASS III, WALL THICKNESS "B", LATEST REVISION. RUBBER GASKETS OR OTHER MANUFACTURER SUPPLIED JOINT SEALER
- 2. ALL PVC DRAINAGE PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE (PVC) PIPE
- CONFORMING TO ASTM D 3034, SDR 35, WITH PUSH-ON RUBBER GASKET JOINTS. 3. ALL HIGH DENSITY POLYETHYLENE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF ASTM F2648 AND AASHTO M - 294 LATEST REVISIONS. ALL PIPING TO BE NON-PERFORATED TUBING.
- C. INSTALLATION: PIPE SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS
- 2. BEDDING AND INITIAL BACKFILL OVER STORM DRAINAGE PIPES SHALL BE PER MANUFACTURES SPECIFICATIONS OR AHJ SPECIFICATIONS IF A PUBLIC PIPE. D. CONNECTIONS TO EXISTING STORM STRUCTURES:
- THE HOLE INTO THE EXISTING STRUCTURE SHALL BE SAW CUT OR CORE DRILLED AND MEET THE AUTHORITY HAVING JURISDICTIONS (AHJ) DETAIL IF CONNECTING TO A PUBLIC STRUCTURE.
- USE NON-SHRINKING GROUT TO FILL ALL GAPS AROUND THE JOINT. AFTER PIPE IS CONNECTED WITH THE INLET, THE END OF THE PIPE MUST BE CUT FLUSH WITH THE INSIDE
- 4. REFER TO F.D.O.T. STANDARD PLAN INDEX 425-001 FOR FILTER FABRIC WRAP ON GROUTED PIPE TO STRUCTURE JOINT DETAIL.

PROJECT:
PRELI ENGIN PL
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PR(DEVE
501 L CITY OF LAK LAKE WOF
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1900 NW CORPOSUL BOCA RATO Phone: Fax: FLORIDA BUSINESS



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P-CIVL-GRDR

PROJECT No.: DRAWN BY: **CHECKED BY:**

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OPOSED ELOPMENT

LAKE AVE **KE WORTH BEACH** RTH BEACH, FL

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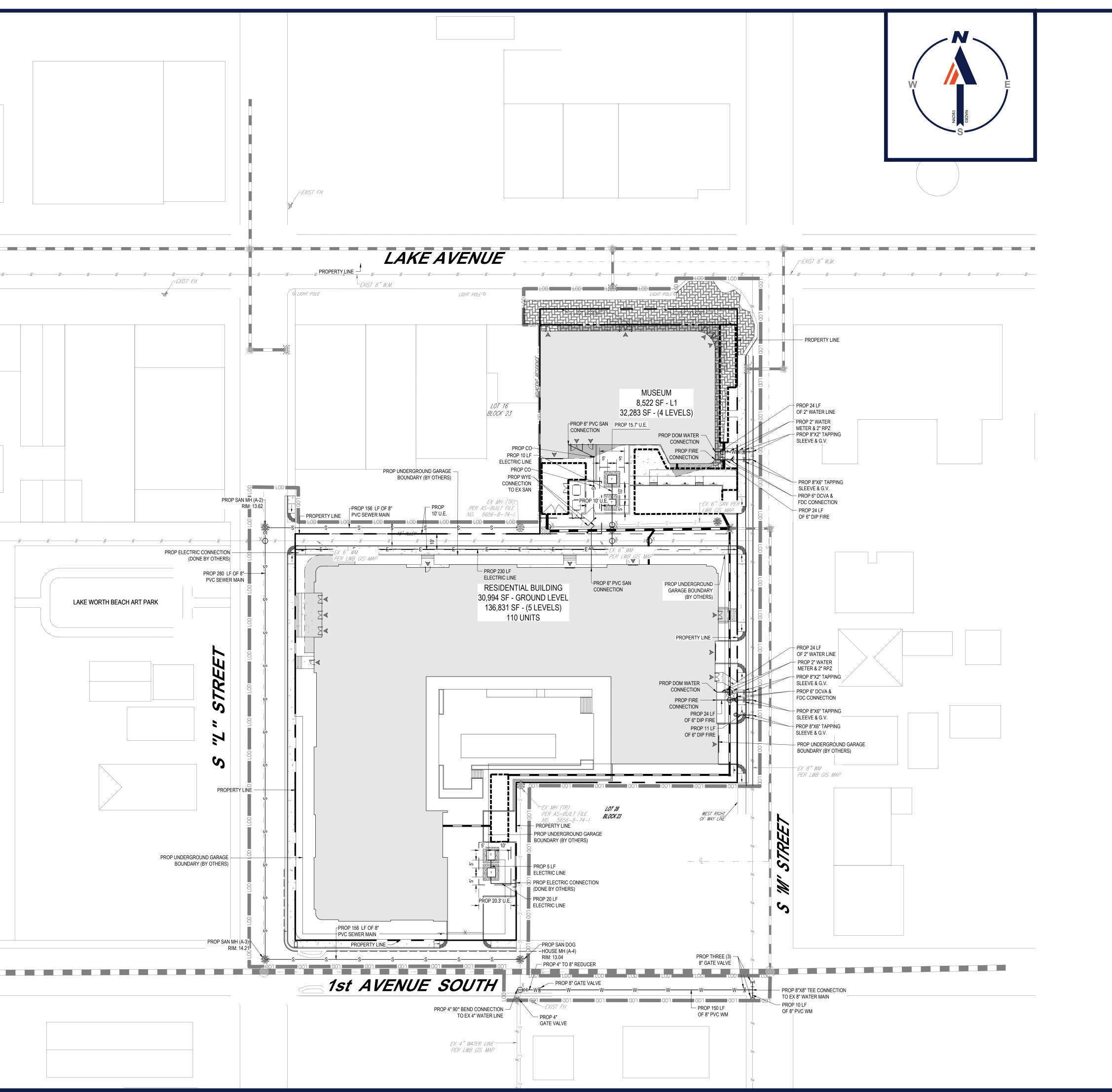
ORATE BOULEVARD IITE 101E

N, FLORIDA 33431 (561) 571-0280 (561) 571-0281

CERT. OF AUTH. No. 30780

GRADING AND DRAINAGE PLAN

C-401



GENERAL NOTE

- 1. THE CONTRACTOR MUST BE FAMILIAR WITH ALL NOTES ON THE GENERAL NOTES SHEET. 2. ALL ONSITE WATER AND SEWER DISTRIBUTION/COLLECTION LINES/MAINS TO BE PRIVATELY OWNED & MAINTAINED UNLESS OR UNTIL A UTILITY EASEMENT IS DESCRIBED & APPROVED BY ALL
- INVOLVED PARTIES. 3. ALL POTABLE WATER, RECLAIMED WATER, AND SANITARY SEWER CONSTRUCTION SHALL BE IN
- ACCORDANCE WITH THE APPROVED CONSTRUCTION PLAN. 4. FDEP WATER AND WASTEWATER PERMITS MUST BE OBTAINED PRIOR TO BEGINNING
- CONSTRUCTION. 5. PROPER DOCUMENTATION FOR ALL PUBLIC UTILITY EASEMENTS SHALL BE PROVIDED TO THE
- PROPERTY MANAGEMENT DEPARTMENT PRIOR TO CERTIFICATE OF COMPLETION. 6. UTILITY RECORD DRAWINGS ARE REQUIRED PRIOR TO PLACING THIS WATER AND WASTEWATER
- FACILITIES INTO SERVICE. CONTRACTOR TO VERIFY REQUIREMENT WITH LOCAL AUTHORITY HAVING JURISDICTION (AHJ) PRIOR TO START OF CONSTRUCTION.

PRIVATE SANITARY SEWER NOTES

- 1. DISTANCE AND LENGTHS SHOWN ON PLANS AND PROFILE DRAWINGS ARE REFERENCED TO THE CENTER OF STRUCTURES.
- 2. PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR TO CAMERA EXISTING SANITARY SEWER LINE FROM POINT OF CONNECTION THROUGH THE NEXT SEQUENTIAL DOWNSTREAM RUN OF PIPE. ADDITIONALLY, PRIOR TO COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL CAMERA THE NEWLY INSTALLED SANITARY SEWER MAIN TO ENSURE NO DIPS OR DEBRIS WITHIN LINE.
- 3. ANY EXISTING SERVICES BEING DISRUPTED SHALL BE REPLACED AND RECOVERED. 4. BYPASS PUMPING MAY BE REQUIRED AND SANITARY SERVICE MAINTAINED WHILE EXISTING SEWER IS BEING REPLACED. THE BYPASS PUMP DESIGN IS OUTSIDE OF BOHLERS SCOPE OF
- 5. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY AUTHORITY WITH MAKING CONNECTION TO PUMP STATION / MANHOLE.
- 6. CONTRACTOR MUST COORDINATE WITH UTILITY AUTHORITY(IES) AND PROPERTY OWNER(S) AND PROVIDE AT LEAST 48-HOURS NOTICE PRIOR TO REPLACING SERVICES. B. MATERIALS:
- 1. UNLESS OTHERWISE REQUIRED BY THE AHJ, ALL PVC SEWER PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE (PVC) PIPE CONFORMING TO ASTM D 3034, SDR 26, WITH PUSH-ON RUBBER GASKET JOINTS. 2. ALL FITTINGS AND ACCESSORIES SHALL BE PER PLANS, AHJ SPECIFICATIONS, OR APPROVED
- 3. ALL SANITARY CLEANOUTS WITHIN PAVEMENT SHALL HAVE A LID THAT IS H20 LOADING.
- C. INSTALLATION: 1. PIPE AND FITTINGS:
- a. SEWER PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, AND THE UNI-BELL PLASTICS PIPE ASSOCIATION'S 'RECOMMENDED PRACTICE FOR THE INSTALLATION OF PVC
- b. BEDDING AND INITIAL BACKFILL OVER SEWER MAINS AND SERVICES SHALL BE PER AHJ SPECIFICATIONS.
- 2. CLEANOUTS: a. CLEANOUTS SHALL BE SET PLUMB TO LINE AND GRADE ON FIRM CLEAN SUBGRADE PROVIDING
- UNIFORM BEARING UNDER THE BASE. b. ALL OPENINGS AND JOINTS SHALL BE SEALED WATER-TIGHT.
- SERVICE: a. MINIMUM SLOPE OF ALL SERVICE LINES SHALL BE 1.04% FOR 6" PIPES AND 2.08% FOR 4" PIPES.
- b. EACH SERVICE CONNECTION SHALL BE PLUGGED WATER-TIGHT WITH AN APPROVED PLUG. c. CONNECTION OF SERVICES TO BUILDING'S PLUMBING SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS.
- 1. ALL TESTING SHALL CONFORM TO AHJ REQUIREMENTS UNLESS OTHERWISE NOTED

PRIVATE WATER DISTRIBUTION NOTES

UNLESS A GREATER CLEARANCE IS REQUIRED BY THE AHJ.

- 1. CONTRACTOR SHALL FOLLOW GUIDELINES AND PROCEDURES OUTLINED BY UTILITY PROVIDER. AND HAVE UTILITY PROVIDER'S MANUAL ON-SITE AT ALL TIMES. THIS POLICY MANUAL SHALL BE CONSIDERED PART OF THE CONSTRUCTION DOCUMENTS AS IT PERTAINS TO APPROVED MATERIALS, INSTALLATION METHODS, INSPECTION NOTIFICATION, AND AS-BUILT/PROJECT CLOSEOUT REQUIREMENTS.
- 2. ALL PIPES AND FITTINGS SHALL MEET THE REQUIREMENTS OF ASTM D2241 AND ASTM D3035 LATEST REVISIONS. ALL PIPING TO BE NON-PERFORATED TUBING. IF THE PIPE MATERIAL SPECIFIED OR PROCURED BY THE GC IS NOT GOVERNED BY THE ASTM SPECIFICATIONS NOTED, IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL MANUFACTURERS SPECIFICATIONS ARE
- 3. CONTRACTOR TO COORDINATE WITH UTILITY AUTHORITY AND ADJACENT PROPERTY OWNERS AND BUSINESSES FOR ANY ANTICIPATED WATER INTERRUPTIONS FOR CONNECTION TO EXISTING 4. CONTRACTOR TO DEFLECT OR BEND WATER LINES AS NECESSARY TO MAINTAIN 12" VERTICAL SEPARATION FROM STORM SEWER PER FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

DATUM NOTE

ELEVATIONS ARE BASED ON NAVD88 DATUM DETERMINED BY GPS OBSERVATIONS AND TIED INTO THE NGS BENCHMARK NO. LB 8261 WITH A PUBLISHED ELEVATION OF 12.24 FEET.

FEMA NOTE

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REVISIONS				
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PROJECT No.: DRAWN BY: **CHECKED BY:** DATE: CAD I.D.: 02/19/2025

P-CIVL-UTIL

PROJECT:

PRELIMINARY ENGINEERING

PLANS

PROPOSED

DEVELOPMENT **501 LAKE AVE** CITY OF LAKE WORTH BEACH

LAKE WORTH BEACH, FL

BOHLER

1900 NW CORPORATE BOULEVARD SUITE 101E

BOCA RATON, FLORIDA 33431 Phone: (561) 571-0280

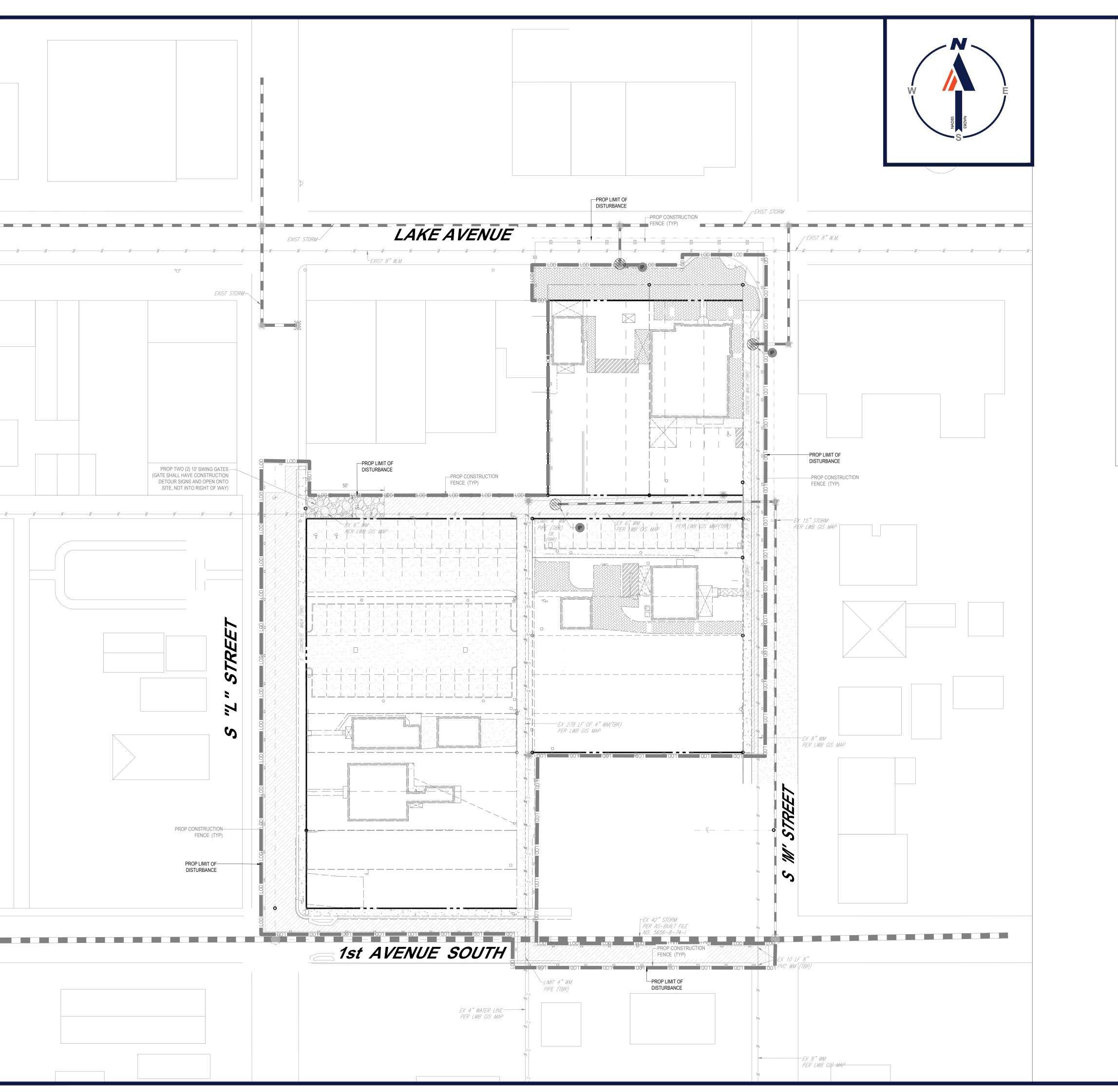
Fax: (561) 571-0281 FLORIDA BUSINESS CERT. OF AUTH. No. 30780

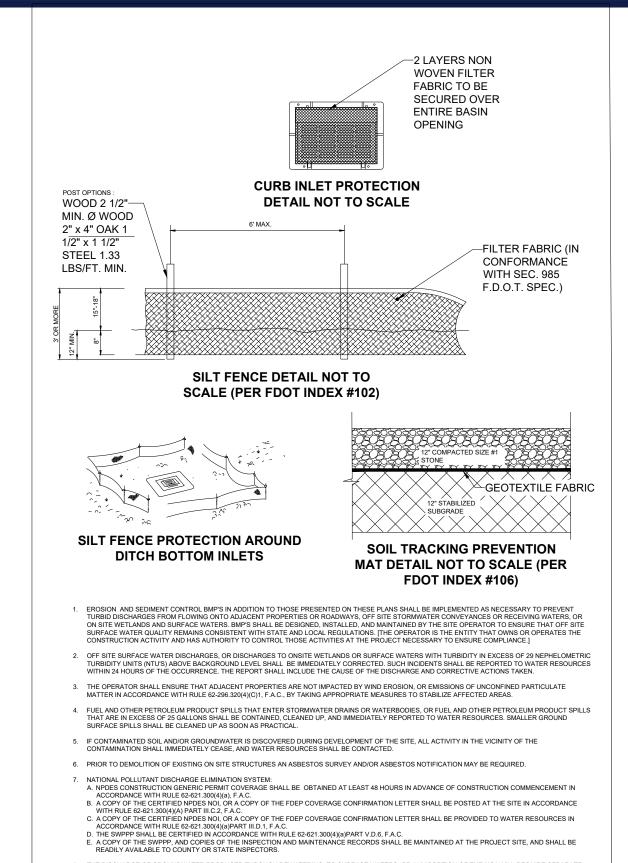
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SHEET TITLE:

UTILITY PLAN

C-501





8. THE DISCHARGE OF GROUNDWATER PRODUCED THROUGH DEWATERING, TO SURFACE WATERS, OR ANY PORTION OF THE MS4 WILL REQUIRE SEPARATE PERMITTING FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP). PERMIT(S) SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF DEWATERING.

	LEGEND
ONSITE PROPERTY LINE / R.O.W. LINE	
NEIGHBORING PROPERTY LINE	
EX. EASEMENT	
EX. ROADWAY C/L	
EX. OVERHEAD ELECTRIC	OHOHOH
EX. STORM SEWER	
EX. SANITARY LINE	
EX. FENCE	× × ×
EX. SPOT ELEVATION	× 11,46
EX. CONCRETE	
TO BE REMOVED/ TO BE RELOCATED	(TBR)/(TBRL)
SOIL TRACKING PREVENTION MAT	
PROP. SILT FENCE	SFSF
PROP. INLET PROTECTION	
CONC. TO BE REMOVED	
ASPHALT TO BE REMOVED	
EX. TREE TO BE REMOVED	
EX. TREE	



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DATE:	02/19/2025	
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OJECT:

PRELIMINARY ENGINEERING PLANS

—— FOR —

UNITED

PROPOSED DEVELOPMENT

501 LAKE AVE CITY OF LAKE WORTH BEACH LAKE WORTH BEACH, FL

BOHLER/

1900 NW CORPORATE BOULEVARD SUITE 101E BOCA RATON, FLORIDA 33431

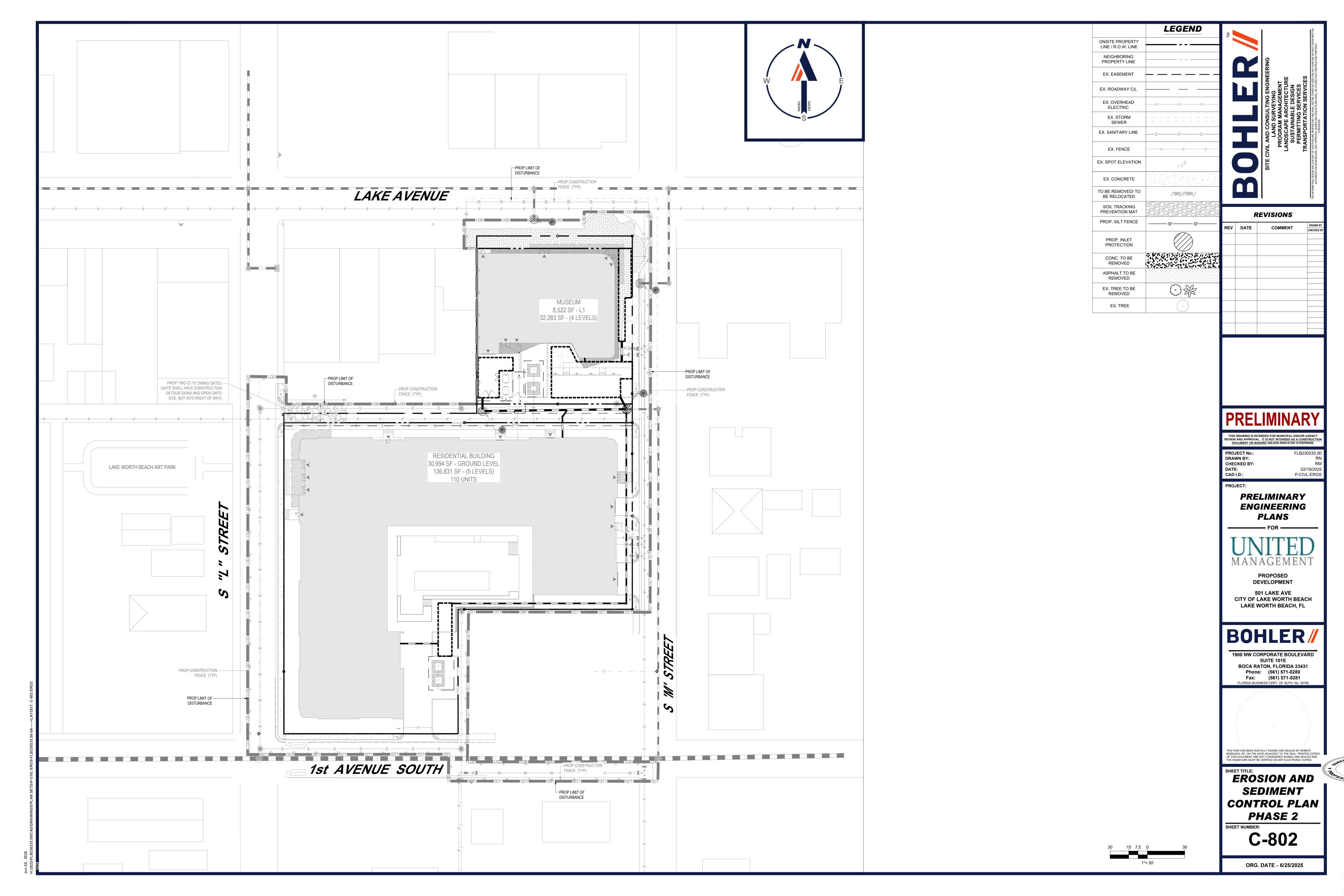
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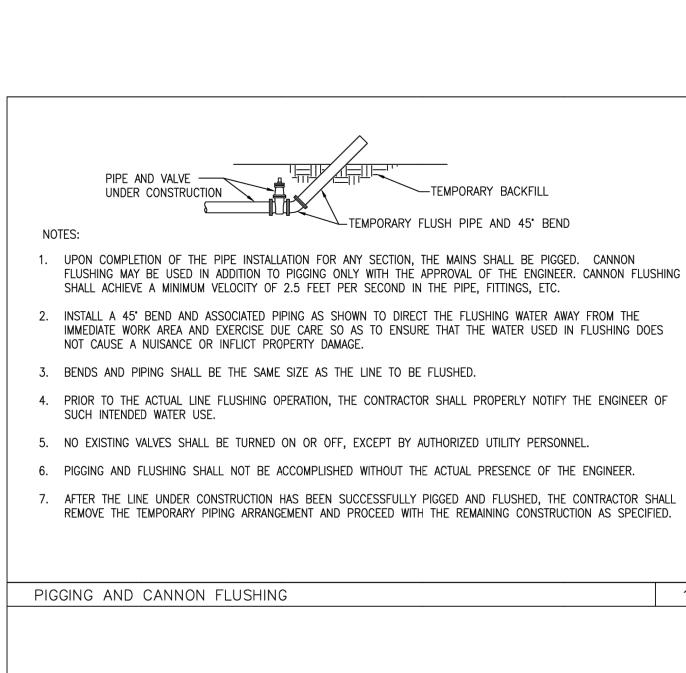
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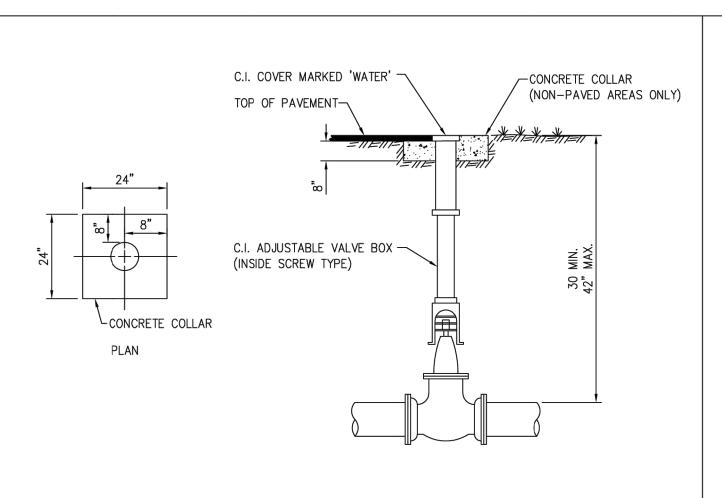
EROSION AND
SEDIMENT
CONTROL PLAN

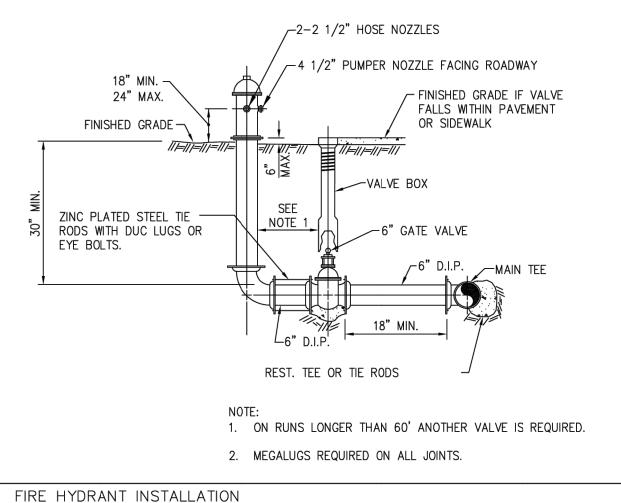
CONTROL PLAN
PHASE 1

C-801





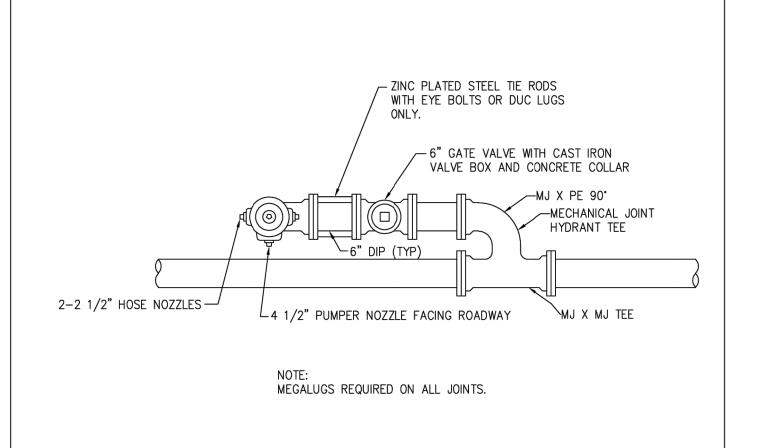


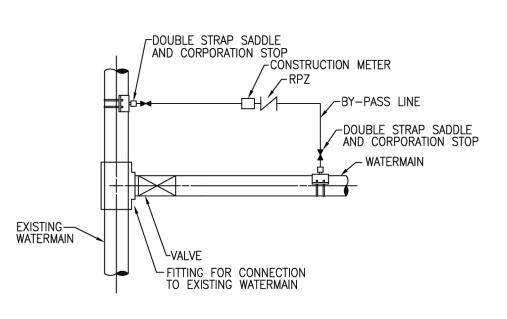


11 1/4°, 22 1/2° & 45° BENDS

IN THE DIRECTION OF THE ARROWS.

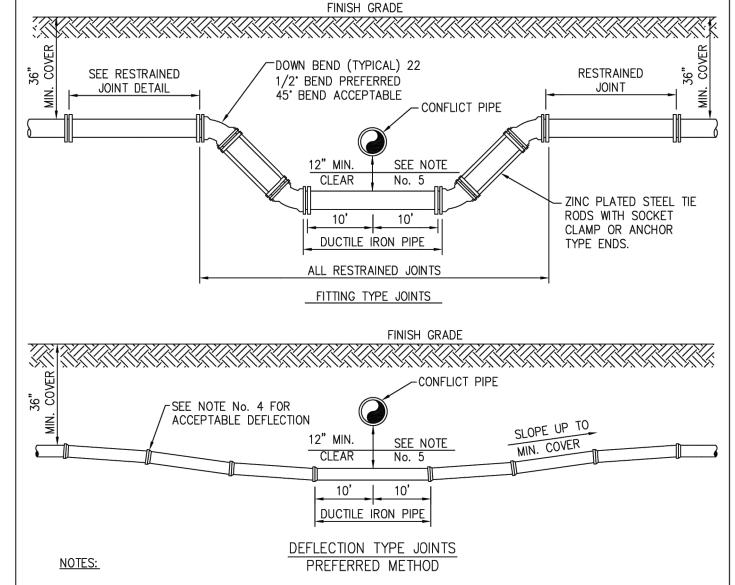
RESTRAINED PIPE JOINTS





- 1. PERFORM PRESSURE AND LEAKAGE TEST ON TAPPING SLEEVE AND TAPPING VALVE (WHEN USED) PRIOR TO MAKING TAP.
- 2. ALL WATER FOR FLUSHING, PRESSURE AND LEAKAGE TESTS, AND BACTERIOLOGICAL CLEARANCE MUST BE FROM THE "BY-PASS" LINE WITH CHECK VALVE IN PLACE.
- 3. DURING ALL PRESSURE AND LEAKAGE TESTS, BOTH CORPORATION STOPS ON THE "BY-PASS" LINE MUST BE CLOSED.
- 4. THE UTILITY COMPANY SUPPLYING THE WATER SHALL BE NOTIFIED BEFORE FILLING AND FLUSHING. ONLY THE UTILITY COMPANY SHALL OPERATE THE VALVES.
- 5. DOUBLE STRAP SADDLES ARE NOT REQUIRED WHEN CONNECTING TO DUCTILE IRON PIPE.
- 6. CONNECT PRESSURE TEST PUMP TO SERVICE LINE OR BLOWOFF, NO EXTRA TAPS ARE PERMITTED UNLESS NEITHER A SERVICE LINE OR BLOWOFF ARE PRESENT IN THE TEST SECTION.
- 7. WATERMAIN VALVES CANNOT BE OPENED UNTIL THE ENTIRE SYSTEM HAS BEEN CLEARED BY THE GOVERNING PERMITTING AGENCY.
- 8. REMOVE THE "BY-PASS" LINE AFTER THE MAIN HAS BEEN CLEARED. PLUG CORPORATION STOP WITH THREADED BRASS PLUG.
- 9. INSTALL ADJUSTABLE CAST IRON VALVE BOX ON THE VALVE.
- 10. RESTRAIN PIPE ONE JOINT EITHER DIRECTION ON EXISTING PIPE.

TIE-IN JUMPER CONNECTION



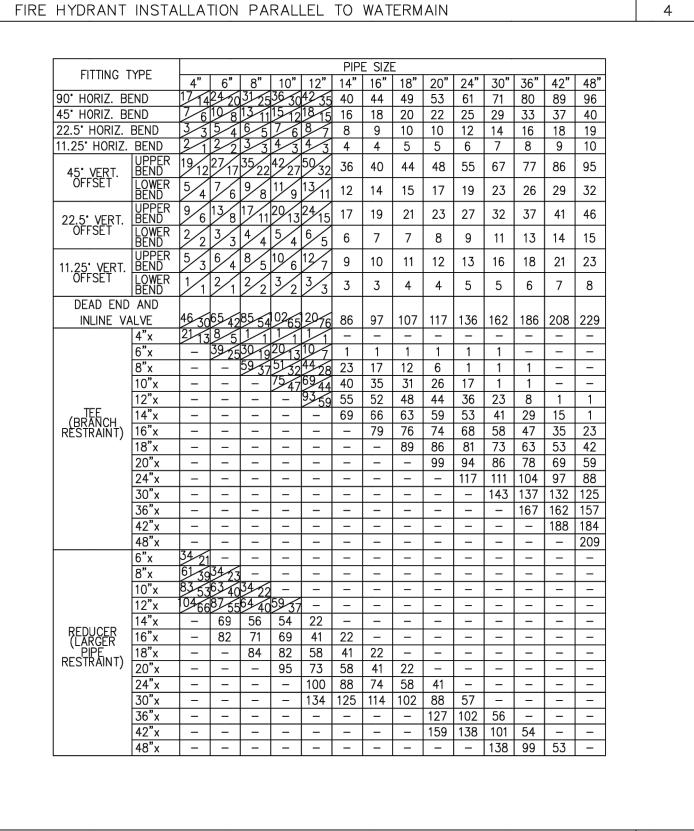
VALVE SETTING

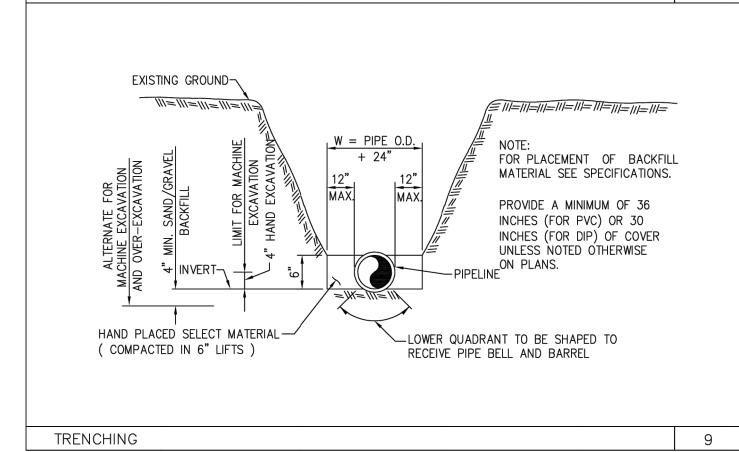
SEPARATION.

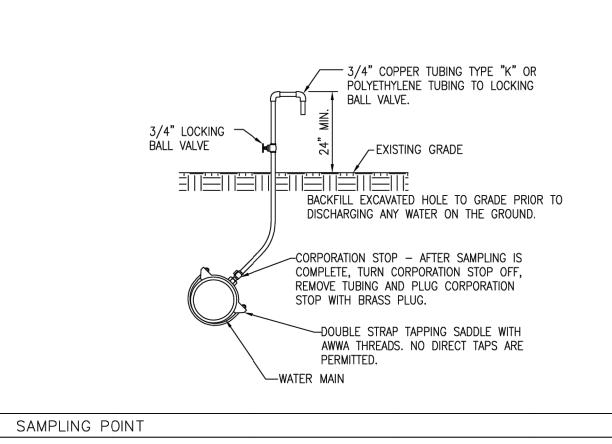
PRESSURE PIPE CONFLICT

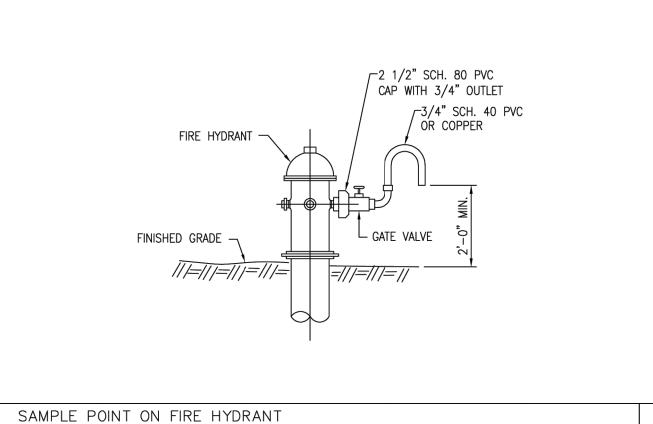
- 1. THERE SHALL BE, IN ALL CASES, A MINIMUM OF 12" SEPARATION BETWEEN WATER MAINS AND FORCE MAINS.
- 2. WHEREVER POSSIBLE WATER MAINS SHALL PASS OVER FORCE MAINS OR STORM SEWERS.
- 3. FITTINGS SHALL BE RESTRAINED WITH MEGALUGS AND TIE RODS BETWEEN OFFSET FITTINGS. THRUST BLOCKS SHALL ONLY BE USED WITH THE APPROVAL OF THE ENGINEER.
- 4. THE DEFLECTION TYPE CROSSING IS PREFERRED. SEE SPECIFICATIONS AND MANUFACTURER'S SUBMITTAL FOR
- MAXIMUM DEFLECTION ALLOWED. 5. A MINIMUM OF 12" VERTICAL SEPARATION BETWEEN WATER MAINS AND STORM SEWERS SHALL BE MAINTAINED. WHERE THIS IS NOT POSSIBLE WATER MAIN SHALL BE D.I.P. WITH NO LESS THAN 6"

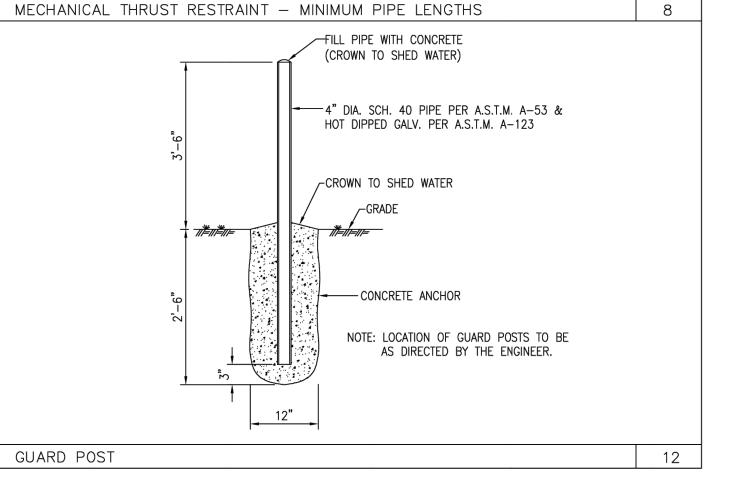
DEAD END	90° BEND
NOTES:	<u>VALVE</u>
1. LENGTH 'L' IS IN FEET. 2. RESTRAINED LENGTHS ARE BASED ON THE FOLLOWING: .A. 150 PSI TEST PRESSURE .B. MIN. 30" COVER. .C. PVC - PIPE SIZES 4" - 12". DI - PIPE SIZES 4" - 48". .D. SANDY SOIL. .E. SAFETY FACTOR OF 1.5. 3. LENGTH 'L' SHOWN IN THE TABLE TO BE RESTRAINED	











REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUC DOCUMENT OR BIDDING UNLESS INDICATED OTHERWISE. PROJECT No.: CAD I.D.: P-CIVL-CNDS PROJECT: **PRELIMINARY ENGINEERING PLANS** PROPOSED DEVELOPMENT **501 LAKE AVE** CITY OF LAKE WORTH BEACH LAKE WORTH BEACH, FL

REVISIONS REV DATE COMMENT

DRAWN BY: CHECKED BY:

1900 NW CORPORATE BOULEVARD SUITE 101E

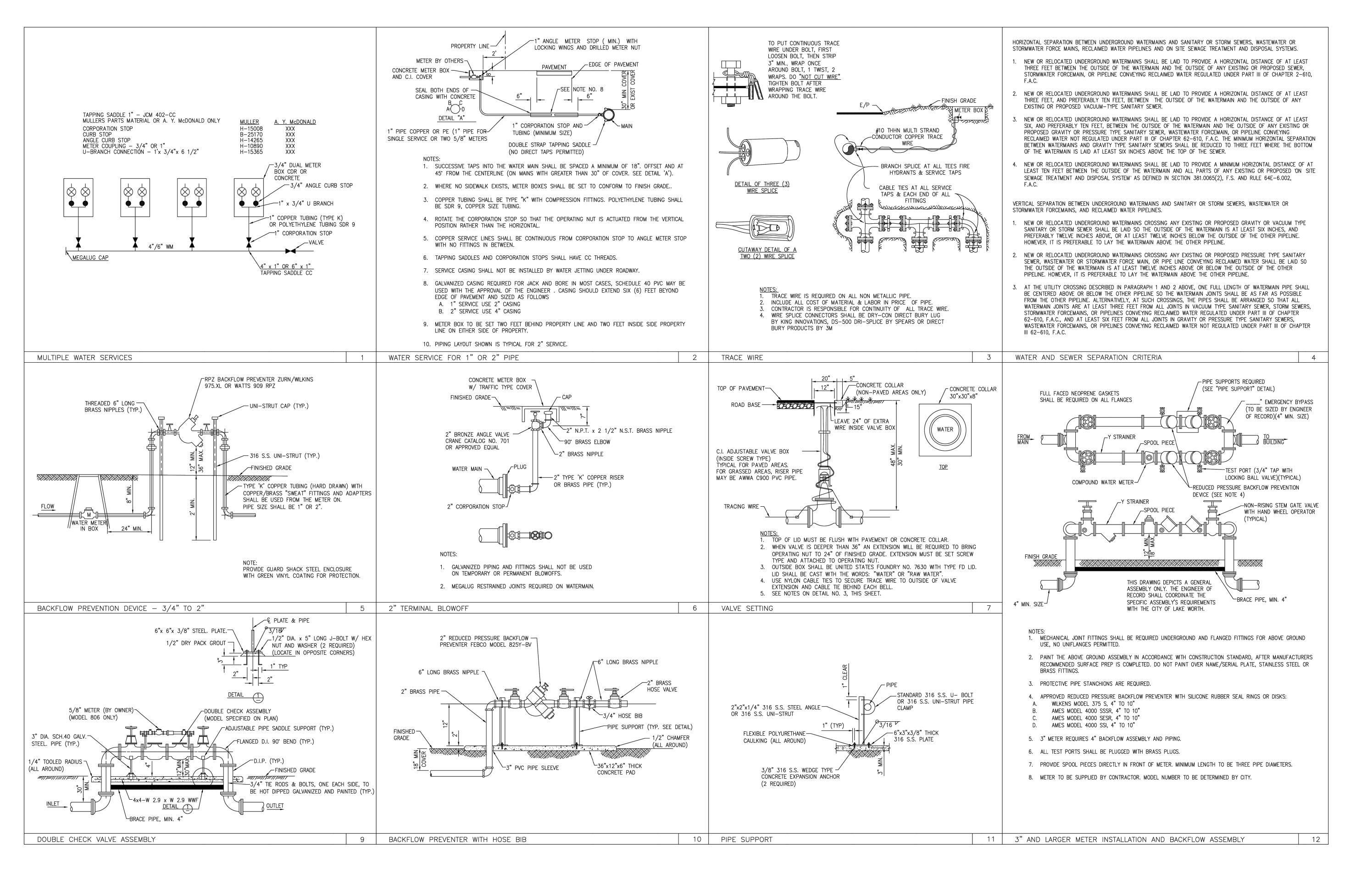
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SHEET TITLE:

CONSTRUCTION **DETAILS**

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C-901



IL AND CONSULTING ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
ANDSCAPE ARCHITECTURE

SITE CIVIL AND COLORD C

REVISIONS

COMMENT

REV DATE

PRELIMINARY

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 PROJECT No.:
 FLB230233.0

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 CHECKED BY:
 R

CAD I.D.:

PROJECT:

PRELIMINARY ENGINEERING PLANS

P-CIVL-CNDS

PLAN

UNITED

PROPOSED

DEVELOPMENT

501 LAKE AVE CITY OF LAKE WORTH BEACH LAKE WORTH BEACH, FL

BOHLER

1900 NW CORPORATE BOULEVARD

SUITE 101E BOCA RATON, FLORIDA 33431 Phone: (561) 571-0280 Fax: (561) 571-0281

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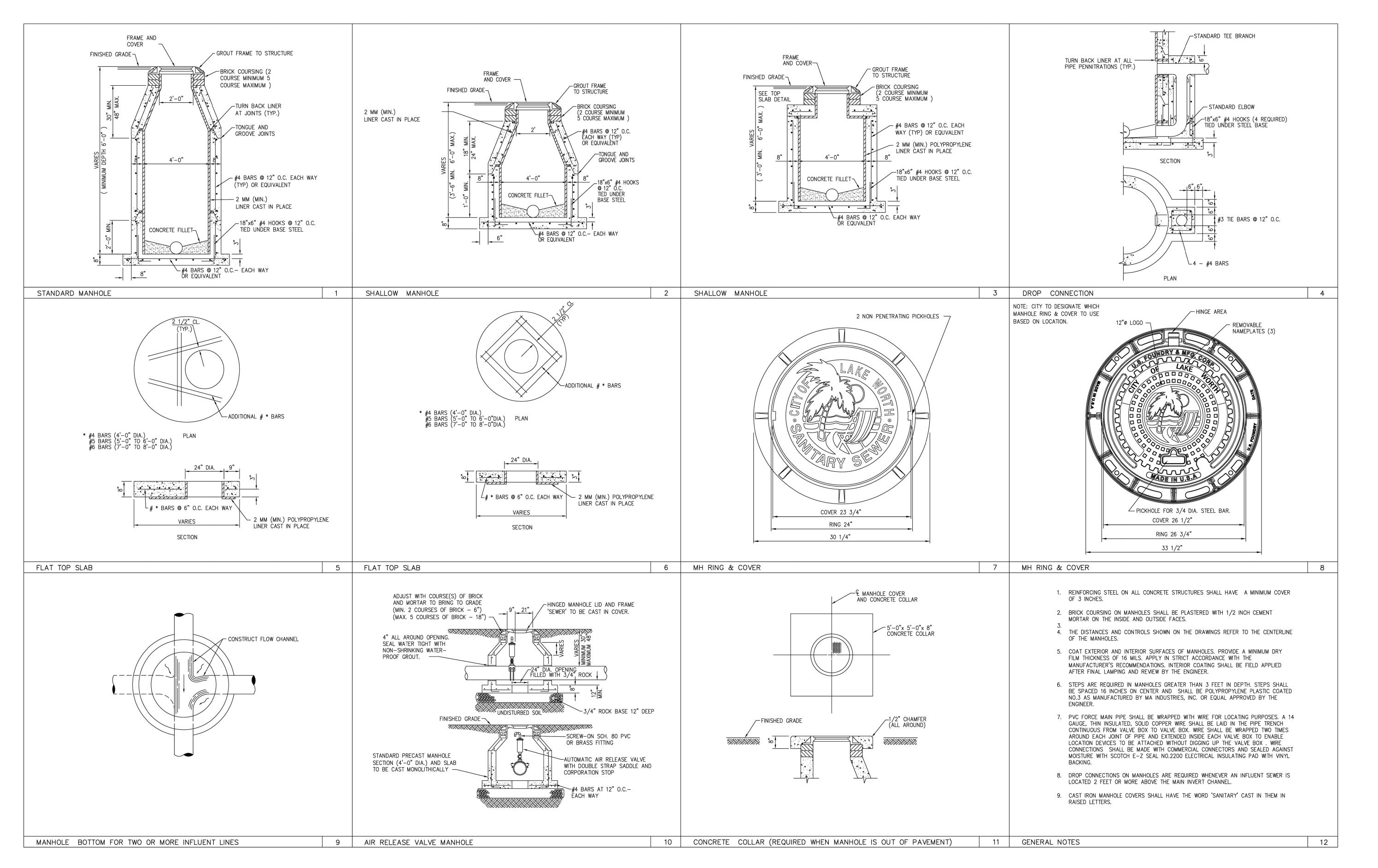
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SHEET TITLE:

CONSTRUCTION DETAILS

HEET NUMBER:

C-902



SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
TRANSPORTATION SERVICES
TRANSPORTATION SERVICES

REVISIONS

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PROJECT No.: FLB230:
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DATE: CAD I.D.:

> PRELIMINARY ENGINEERING PLANS

FOR -

UNITED

PROPOSED

DEVELOPMENT

501 LAKE AVE
CITY OF LAKE WORTH BEACH
LAKE WORTH BEACH, FL

BOHLER/

1900 NW CORPORATE BOULEVARD SUITE 101E

SUITE 101E BOCA RATON, FLORIDA 33431 Phone: (561) 571-0280 Fax: (561) 571-0281

FLORIDA BUSINESS CERT. OF AUTH. No. 30780

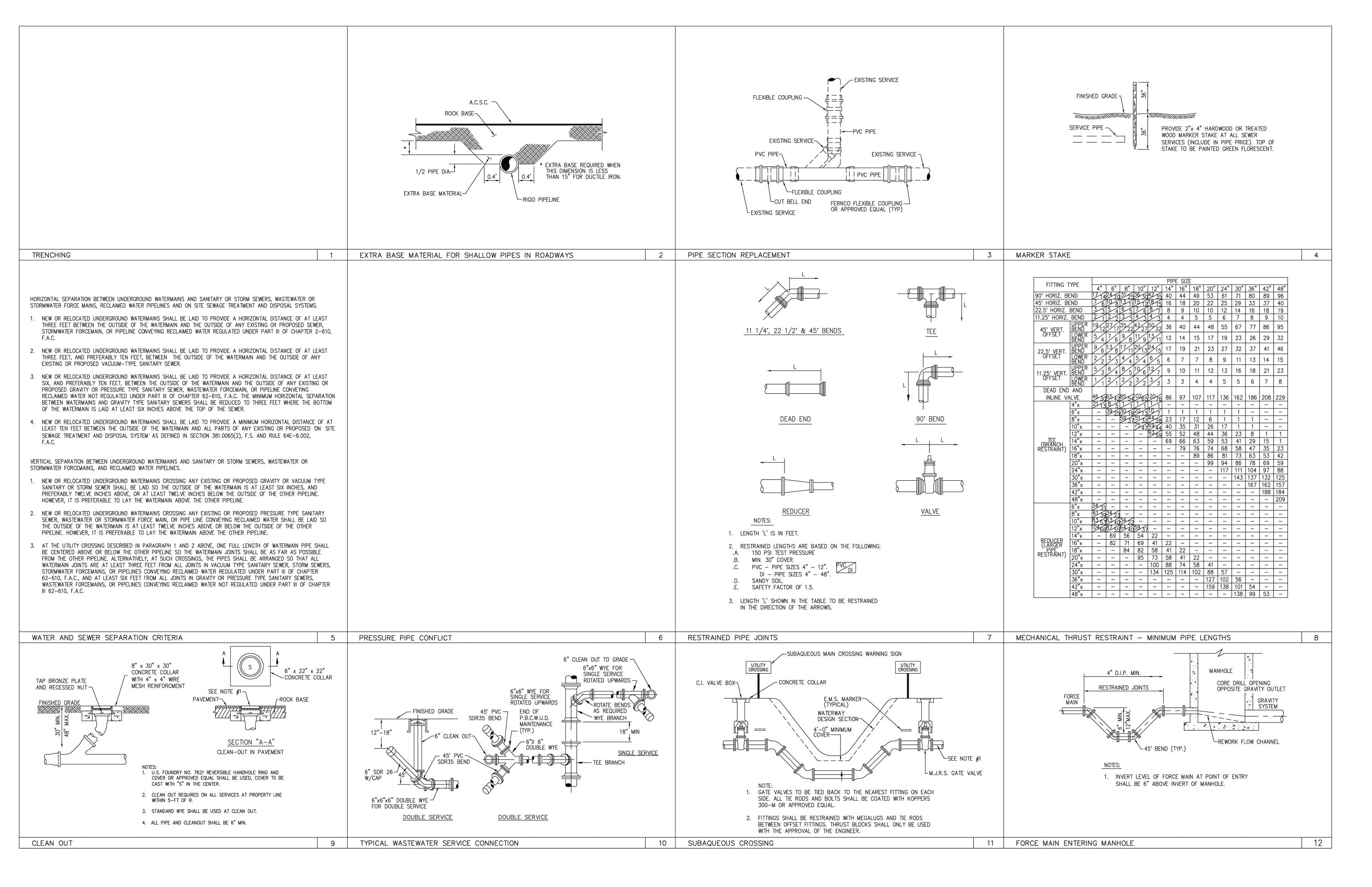
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HEET NUMBER:

C-903



SITE CIVIL AND CONSULTING ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
TRANSPORTATION SERVICES

REVISIONS

REV DATE COMMENT

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