

EROSION CONTROL NOTES

- THE INTENT OF EROSION CONTROL MEASURES INDICATED GRAPHICALLY ON PLANS IS TO PROVIDE A BARRIER TO CONTAIN SOIL AND SEDIMENT ON THE PROJECT SITE. THIS REPRESENTATION IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE TEST OF EROSION CONTROL EFFECTIVENESS IS NOT TO BE DETERMINED BY ADHERENCE TO THE REPRESENTATION SET FORTH ON THE PLANS AND SPECIFICATIONS, BUT BY MEETING THE REGULATIONS SET FORTH BY THE AUTHORITY HAVING JURISDICTION OVER WATER QUALITY CONTROL AND OTHER SEDIMENTATION RESTRICTION REQUIREMENTS IN THE REGION.
- APPROVED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING, GRADING, EXCAVATION, FILLING, OR OTHER LAND DISTURBANCE ACTIVITIES, EXCEPT THOSE OPERATIONS NEEDED TO INSTALL SUCH MEASURES.
- INSPECTION OF ALL EROSION CONTROL MEASURES SHALL BE CONDUCTED WEEKLY, OR AFTER EACH RAINFALL EVENT, REPAIR AND/OR REPLACEMENT OF SUCH MEASURES SHALL BE MADE PROMPTLY, AS NEEDED.
- KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED IF DEEMED NECESSARY BY ONSITE INSPECTION.
- FAILURE TO PROPERLY INSTALL AND MAINTAIN EROSION CONTROL PRACTICES SHALL RESULT IN CONSTRUCTION BEING HALTED.
- DRAINAGE INLETS SHALL BE PROTECTED BY FILTER AND GRADED ROCK AS PER INLET PROTECTION DETAIL.
- ANY ACCESS ROUTES TO SITE SHALL BE BASED WITH CRUSHED STONE, WHERE PRACTICAL.
- EROSION CONTROL MEASURES ARE TO BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED.
- ALL WORK IS TO BE IN COMPLIANCE WITH THE RULES AND REGULATIONS SET FORTH BY THE STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE CITY OF DELRAY BEACH.
- DISCHARGE FROM DEWATERING OPERATIONS SHALL BE RETAINED ONSITE IN A CONTAINMENT AREA.

CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
EROSION CONTROL NOTES DETAIL
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INLET FILTER DETAIL

INLET FILTER INSTALLATION WITHOUT FRAME AND GRATE
WIRE SUPPORT - MOULD 6x6", 5/8 GA. 49 #/100 SQ. FT. WELD WIRE SUPPORT. EXTEND 6" MIN. AT SIDES
6" MIN.
BACKFILL AFTER INSTALLATION OF INLET FILTER
SECURE FILTER FABRIC TO FRAME AND GRATE
NOT TO SCALE

NOTES:
1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
2. CONTRACTOR TO REMOVE FABRIC JUST PRIOR TO PAVING.

A SEDIMENT TRAP WILL BE EXCAVATED BEHIND THE CURB AT THE INLET. THE BASIN SHALL BE AT LEAST 12 TO 14 INCHES IN DEPTH, APPROXIMATELY 36 INCHES IN WIDTH, AND APPROXIMATELY 7 TO 10 FEET IN LENGTH PARALLEL TO THE CURB.

STORM WATER WILL REACH THE SEDIMENT TRAP VIA CURB CUTS ADJACENT TO EACH SIDE OF THE INLET STRUCTURE. THESE OPENINGS SHALL BE AT LEAST 12 INCHES IN LENGTH. STORM WATER MAY ALSO REACH THE BASIN VIA OVERLAND FLOW LAND AREA BEHIND THE CURB. THE CURB CUTS SHALL BE REPAIRED WHEN THE SEDIMENT TRAP IS REMOVED.

CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
INLET FILTER DETAIL
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SILT FENCE INSTALLATION DETAIL

EXTRA STRENGTH FILTER FABRIC NEEDED WITHOUT WIRE MESH SUPPORT
STEEL OR WOOD POST
FOR ADDITIONAL STRENGTH FILTER FABRIC MATERIAL CAN BE ATTACHED TO A 6-INCH (MAX.) MESH WIRE SCREEN WHICH HAS BEEN FASTENED TO THE POSTS
10 FT. MAX. SPACING WITH WIRE SUPPORT FENCE
6 FT. MAX. SPACING WITHOUT WIRE SUPPORT FENCE

NOTES:
1. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES (90 CM).
2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS.
3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET (3 M) APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES (30 CM). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET (1.8 M).
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES (10 CM) WIDE AND 4 INCHES (10 CM) DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH (25 MM) LONG, TIE WIRES, OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES (5 CM) AND SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES (20 CM) OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
7. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
8. ALL PROJECTS REQUIRE SUBMITTAL OF POLLUTION PREVENTION PLAN (PPP).
9. ALL PROJECTS 1 AC. OR MORE MUST SUBMIT NOTICE OF INTENT (NOI) TO FDEP.

CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
SILT FENCE INSTALLATION DETAIL
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ATTACHING TWO SILT FENCES

PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE
ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A COUNTERWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL
DRIVE BOTH POSTS ABOUT 18 INCHES INTO THE GROUND AND BURY FLAP

CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
SILT FENCE INSTALLATION DETAIL
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STABILIZED CONSTRUCTION ENTRANCE DETAIL

50' MIN.
AGGREGATE
CITY / PUBLIC ROAD
6" TO 8" CURB
6" TO 8" CURB
6" TO 8" CURB

NOTE:
A CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AND CONTAIN AN AGGREGATE LAYER (FOOT AGGREGATE NO.1), AT LEAST 6-INCHES THICK. IT MUST EXTEND TO THE WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA. CITY / PUBLIC ROAD TO BE KEPT FREE OF DEBRIS AND AGGREGATE.

CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
STABILIZED CONSTRUCTION ENTRANCE DETAIL
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CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
EROSION CONTROL PLAN
12/07/2022

REVISIONS

No.	Date	Comment

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LAKE WORTH STATION
LAKE WORTH BEACH, FLORIDA

EROSION CONTROL PLAN

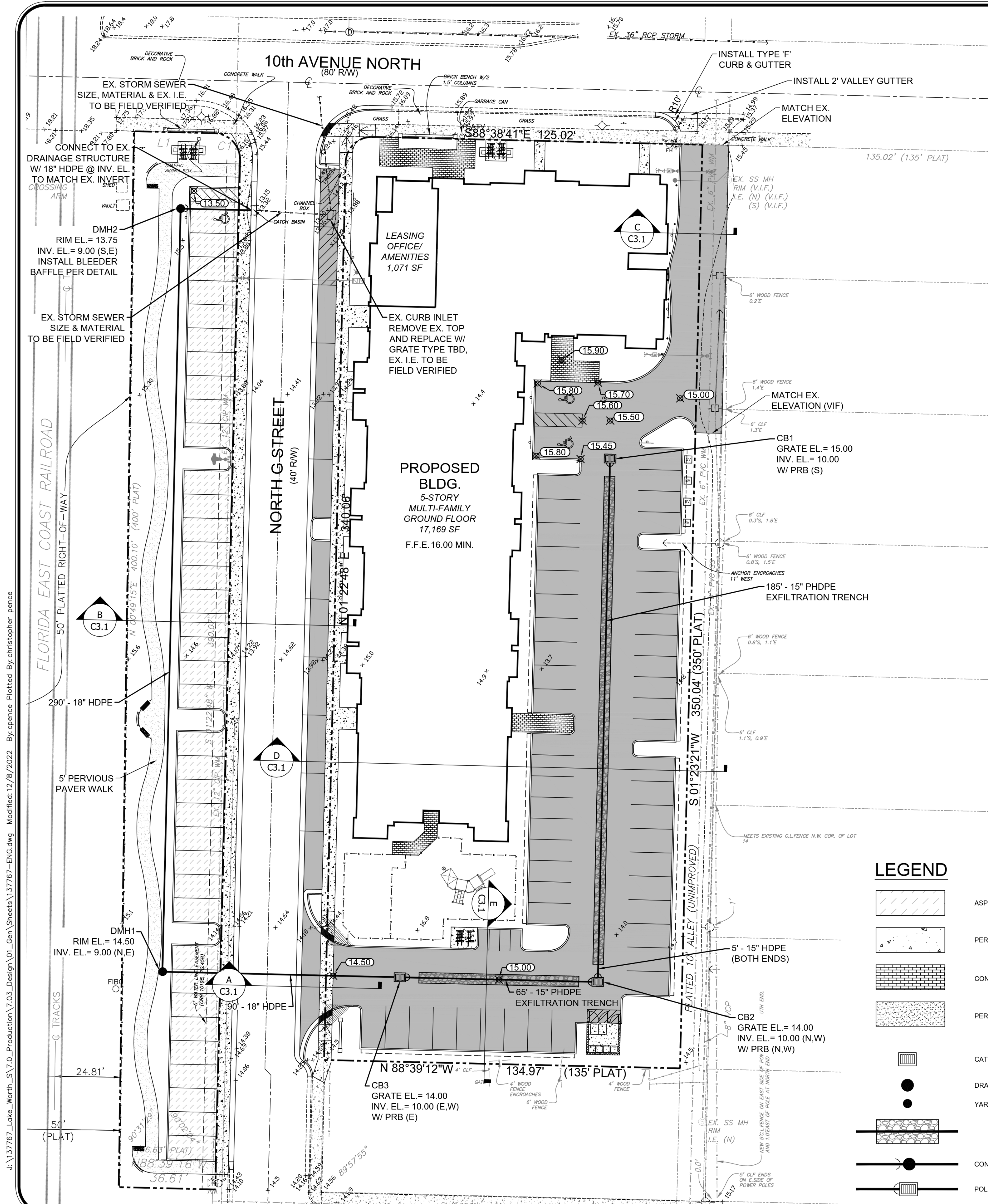
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DESIGNED: PFR	PROJECT: 137767
CHECKED: PFR	SHEET: C2.0
DATE: 12/07/2022	

ENGINEER'S CERT. OF AUTH. #2966

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PAVING AND DRAINAGE SPECIFICATIONS

- ELEVATIONS SHOWN HEREON ARE BASED ON THE 1988 NATIONAL AMERICAN VERTICAL DATUM.
- ALL MUCK/ORGANIC MATERIALS ARE TO BE REMOVED PER PALM BEACH COUNTY ENGINEERING DIVISION.
- PRIME COAT AND TACK COAT FOR BASE COURSES SHALL CONFORM TO THE REQUIREMENTS OF PALM BEACH COUNTY/FDOT ENGINEERING DIVISION. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALLONS PER SQUARE YARD.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED.
- ALL LABOR, MATERIALS, AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE CITY OF POMPAHO BEACH AND PALM BEACH COUNTY ENGINEERING DIVISION.
- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES, THE CITY OF LAKE WORTH BEACH ENGINEERING DEPARTMENT 48 HOURS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND SHALL BE RESPONSIBLE FOR ALL DAMAGES CAUSED DURING CONSTRUCTION AND SHALL REPAIR SAID DAMAGES AT HIS EXPENSE.
- SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REVISED OR UNACCEPTABLE MATERIALS INSTALLED OR ORDERED WITHOUT AN APPROVED SHOP DRAWING.
- ALL DRAINAGE PIPE IN AND PARALLEL TO THE ROADWAY SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C-76. (UNLESS OTHERWISE NOTED ON THE PLANS).
- PVC PIPE SHALL BE NON-PRESSURE PIPE CONFORMING TO ASTM D-3034 SDR 35.
- RESTORE ALL SIDEWALK, PAVEMENT, CURBS, SODDING, SIGNAGE, PAVEMENT MARKINGS, ETC. DAMAGED DURING CONSTRUCTION TO ITS ORIGINAL CONDITION.
- ANY EXISTING, UNUTILIZED WATER, SEWER OR GAS SERVICES MUST BE CUT AND CAPPED OR SLEEVED IN PLACE AT ITS RESPECTIVE MAIN.
- ANY CONFLICT WITH EXISTING OR PROPOSED UTILITIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- AT THE END OF EACH WORK PERIOD, ANY DROP-OFF IN THE AREA ADJACENT TO THE TRAVEL WAY SHALL BE BACKFILLED IN ACCORDANCE WITH STANDARD INDEX 600 OR SHALL BE OTHERWISE PROTECTED WITH A TEMPORARY BARRIER WALL AT THE CONTRACTOR'S EXPENSE.
- THE APPLICANT AT THE EARLIEST CONVENIENT TIME SHALL NOTIFY IN WRITING ALL RIGHT-OF-WAY USERS AFFECTED BY THE CONSTRUCTION OF THIS PROJECT.
- LIMEROCK BASE SHALL BE A MINIMUM OF 8" AND COMPACTED IN 4" LIFTS TO 98% MAXIMUM DENSITY ACCORDING TO AASHTO-T180. CONSTRUCTION TO CONFORM TO SECTION 200. BASE TO BE PRIMED AFTER COMPACTION.
- STABILIZED SUBGRADE - MINIMUM 12" THICK AND COMPACTED TO 98% MAXIMUM DENSITY ACCORDING TO AASHTO-180. MATERIAL TO HAVE MINIMUM L.B.R OF 40 AND CONFORM TO SECTION 160.
- ALL CURB CUT RAMPS MUST FACE IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- FLAGGERS MUST BE PRESENT DURING THE INGRESS AND EGRESS OF CONSTRUCTION VEHICLES TO AND FROM THE PROJECT SITE. WARNING SIGNS MUST BE ERECTED ADVISING MOTORISTS OF TRUCKS ENTERING THE HIGHWAY.
- BASE AND SUB-GRADE DENSITY TESTS SHALL BE CONDUCTED FOR A MAXIMUM 7000 SQUARE FEET OF FINISHED PAVEMENT OR AS DIRECTED BY ENGINEER OR CITY.
- LABORATORY PROCTOR COMPACTION TESTS (T-180) SHALL BE PERFORMED ON ALL MATERIAL, SUB-GRADE AND BASE ANY SUBSEQUENT CHANGES IN MATERIALS. LIMEROCK BEARING RATIOS, SIEVE ANALYSIS AND DENSITIES REQUIRED BY THE CONTRACT DOCUMENTS SHALL BE SUBMITTED BY THE CITY.
- ALL REPAIRS TO EXISTING PAVEMENT SHALL RECEIVE SAW-CUT EDGES PRIOR TO RELAYING ASPHALT. UTILITY PIPING OR WIRING LESS THAN FOUR (4) INCHES IN DIAMETER REQUIRES A SCHEDULE 40 PVC CASING PIPE WITH SAND BACKFILLS UNDER PAVED AREAS ONLY.
- ALL CONTROL STRUCTURES SHALL HAVE POLLUTION RETARDANT BAFFLE AT THE DISCHARGE PIPE OPENING.
- PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, ALLEYWAY IMPROVEMENTS CONSISTING OF 4" ASPHALT MILLINGS, GRADED AND COMPACTED, SHALL BE CONSTRUCTED FROM 9TH AVENUE NORTH TO 10TH AVENUE NORTH.

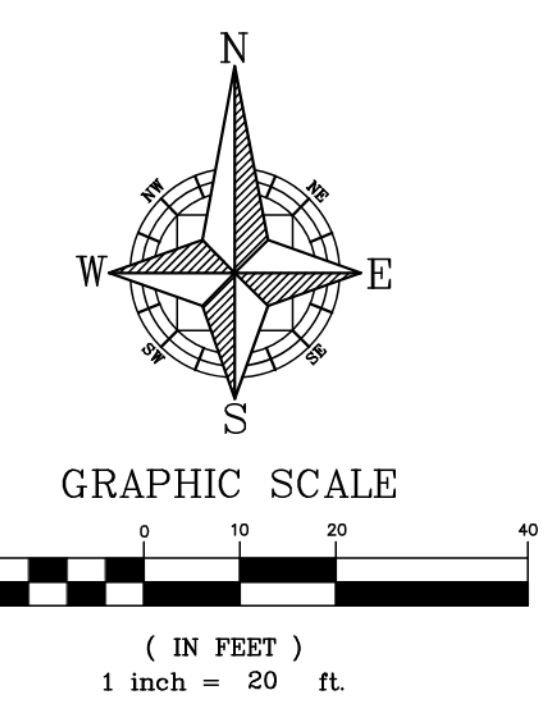
DRAINAGE NOTES

- GENERAL:**
- DISTANCES AND LENGTHS SHOWN ON PLANS AND PROFILE DRAWINGS ARE REFERENCED TO THE CENTER OF STRUCTURES.
 - 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.
- MATERIALS:**
- REINFORCED CONCRETE PIPE (R.C.P.) SHALL MEET THE REQUIREMENTS OF ASTM C-76, LATEST REVISION, AND CLASS III. RUBBER GASKETS OR OTHER MANUFACTURER SUPPLIED JOINT SEALER SHALL BE USED.
 - ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE. THE MINIMUM WALL AND SLAB THICKNESS SHALL BE 8 INCHES AND THE MINIMUM REINFORCING SHALL BE NO. 4 BARS AT 12 INCHES EACH WAY UNLESS OTHERWISE INDICATED. CONCRETE SHALL BE MINIMUM OF f_c=4000 PSI AT 28 DAYS. STRUCTURES SHALL MEET THE REQUIREMENTS OF ASTM C-478.
 - ALL P.V.C. STORM SEWER PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE (PVC) PIPE CONFORMING TO ASTM D 3034, SDR 35, WITH PUSH-ON RUBBER GASKET JOINTS.
 - DUCTILE IRON PIPE (D.I.P.) SHALL BE CEMENT LINED INSIDE AND SHALL HAVE A COAL TAR EPOXY COATING, MANUFACTURED IN ACCORDANCE WITH ANSIAWWA C151/A21.51-86 OR LATEST REVISION.
 - IRON CASTINGS SHALL CONFORM TO ASTM A-48 AND IN GENERAL SHALL BE CLASS 30. FRAMES AND GRATES MAY BE CLASS 20. ALL MANHOLE COVERS SHALL BE PROVIDED WITH CONCEALED PICK HOLES, AND SHALL BE LABELED "STORM SEWER".
 - HIGH DENSITY POLYETHYLENE PIPE (HDPE) AND FITTINGS, SHALL BE HANCO SURELOK F477 (O.A.E.), AND SHALL MEET THE REQUIREMENTS OF AASHTO M294 TYPE S. JOINTS SHALL BE SILT TIGHT & LEAK RESISTANT.
 - CORRUGATED ALUMINUM PIPE SHALL MEET THE STANDARDS OF SECTION 945 OF FOOT STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
 - YARD DRAIN SHALL BE NYLOPLAST DRAIN BASINS OR APPROVED EQUAL.

- INSTALLATION:**
- PIPE SHALL BE PLACED ON A MINIMUM OF 8" STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION AND OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO A UNIFORM GRADE AND LINE.
 - BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL, WELL TAMPED IN LAYERS NOT TO EXCEED 6 INCHES TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS AND IN 12" LAYERS THEREAFTER. BACKFILL SHALL BE COMPACTED TO MINIMUM OF 98% OF THE MAXIMUM DENSITY (AASHTO T-180), ON EACH 12" LIFT
 - PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL NOTIFY THE APPLICABLE REGULATORY AUTHORITIES AT LEAST 24 HOURS PRIOR TO THE START OF THE CONSTRUCTION AND PRIOR TO INSPECTION.
 - 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 SAFETY REQUIREMENTS.

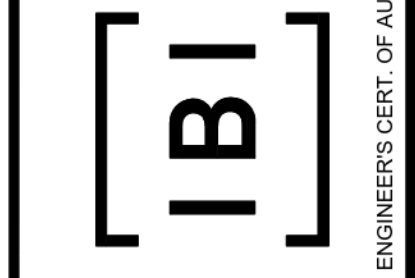
LEGEND

- ASPHALT AREA
- PERVIOUS PARKING AREA
- CONCRETE
- PERVIOUS PAVERS
- CATCH BASIN
- DRAINAGE MANHOLE
- YARD DRAIN
- CONTROL BAFFLE
- POLLUTION RETARDANT BAFFLE (PRB)



Revision / Submission	No.	Date	Comment
	1	08/15/2022	REVISED PER SFR #1

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LAKE WORTH STATION
 LAKE WORTH BEACH, FLORIDA
 PAVING, GRADING AND DRAINAGE PLAN

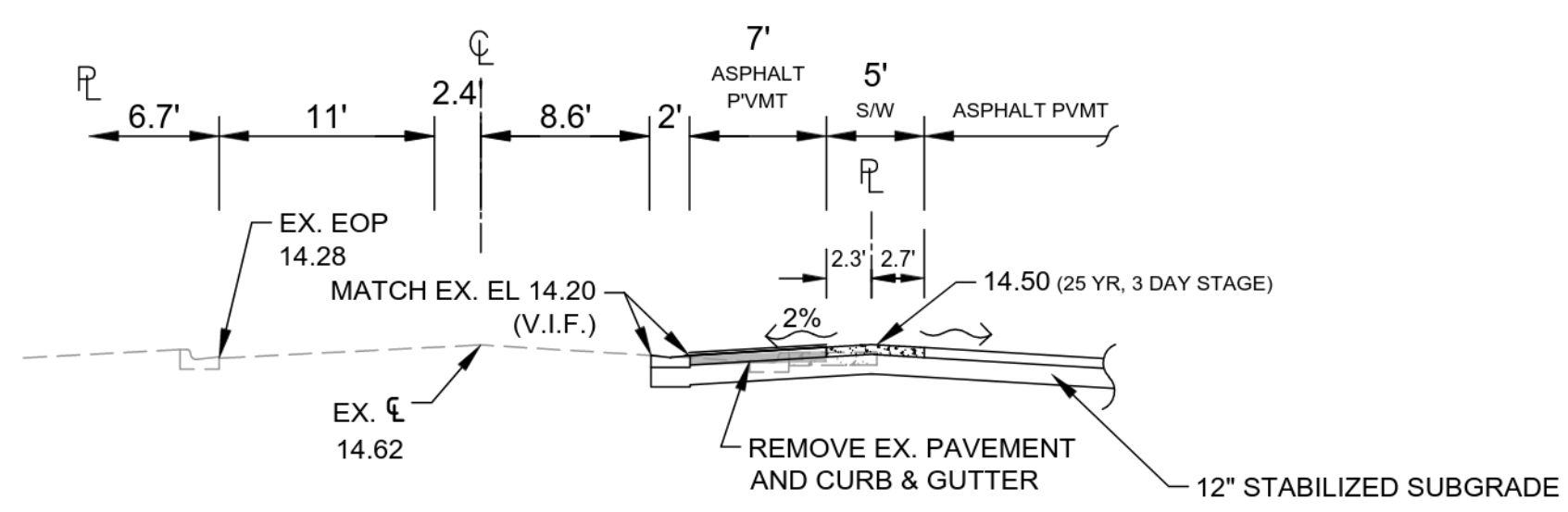
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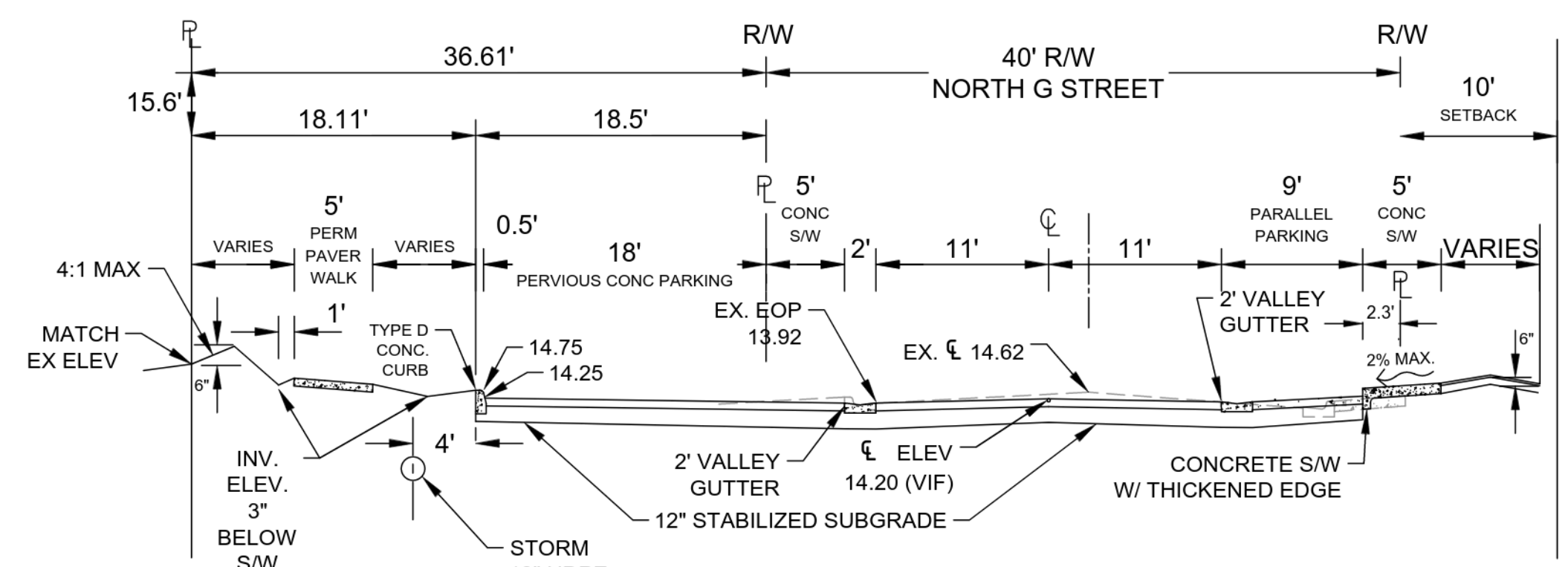
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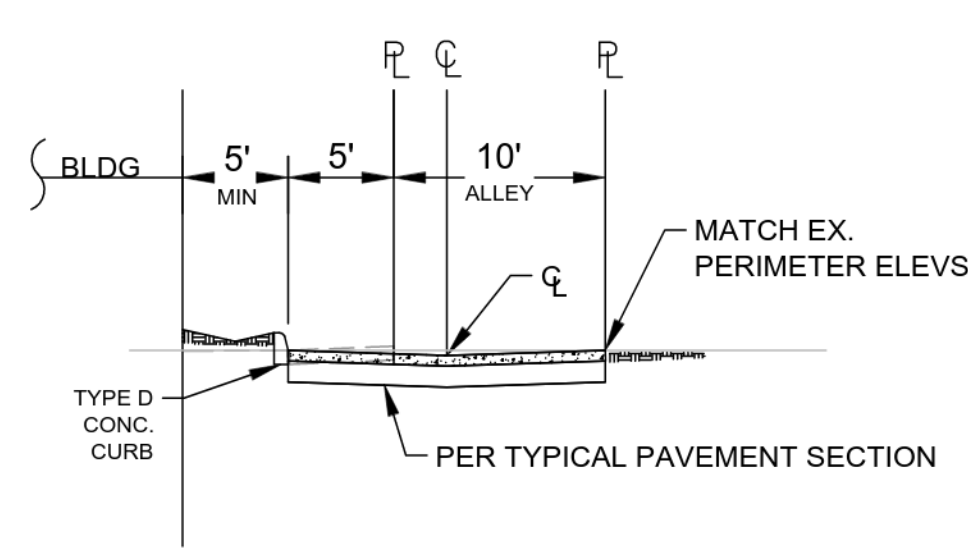


A TYPICAL SECTION
WEST SECTION

NOTE: CONCRETE SIDEWALK AND DRIVE WILL BE 6" THICK IN VEHICULAR ACCESS DRIVE.

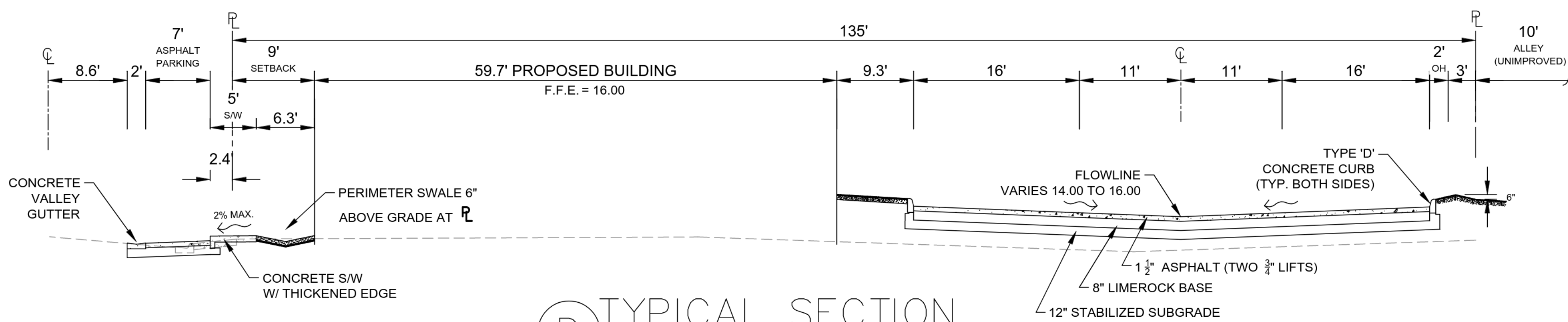


B TYPICAL SECTION
WEST SECTION

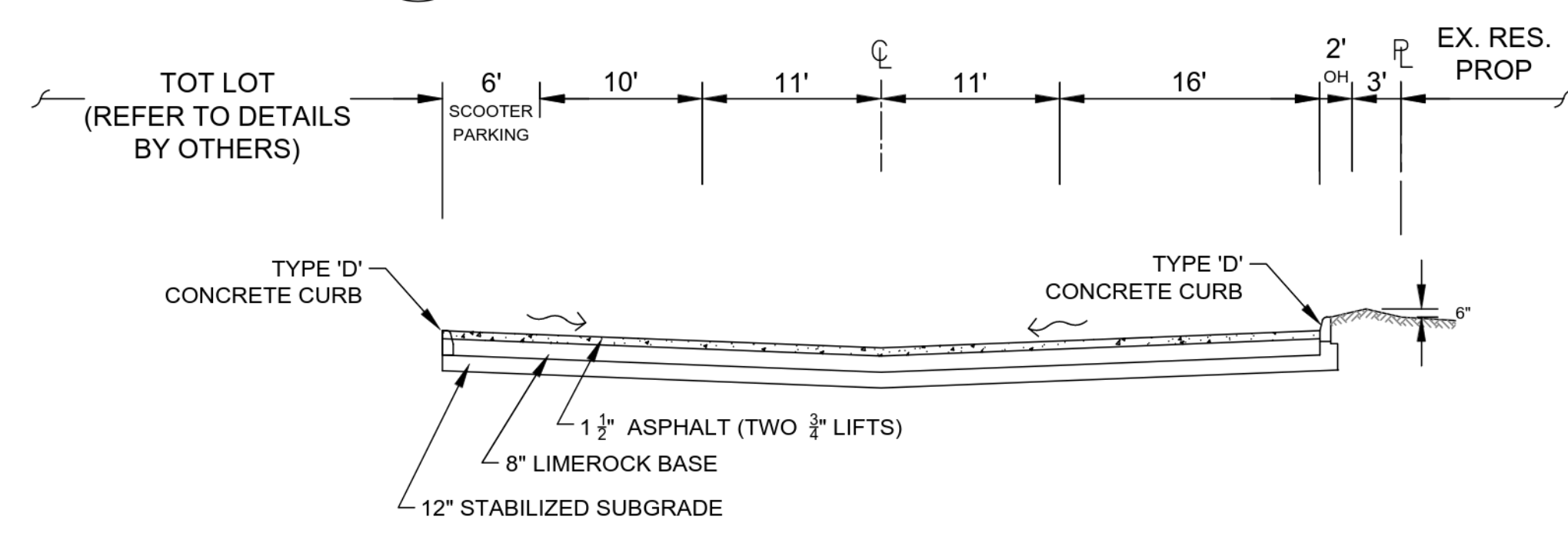


C TYPICAL SECTION
EAST SECTION

NOTE: CONCRETE SIDEWALK AND DRIVE WILL BE 6" THICK IN VEHICULAR ACCESS DRIVE.

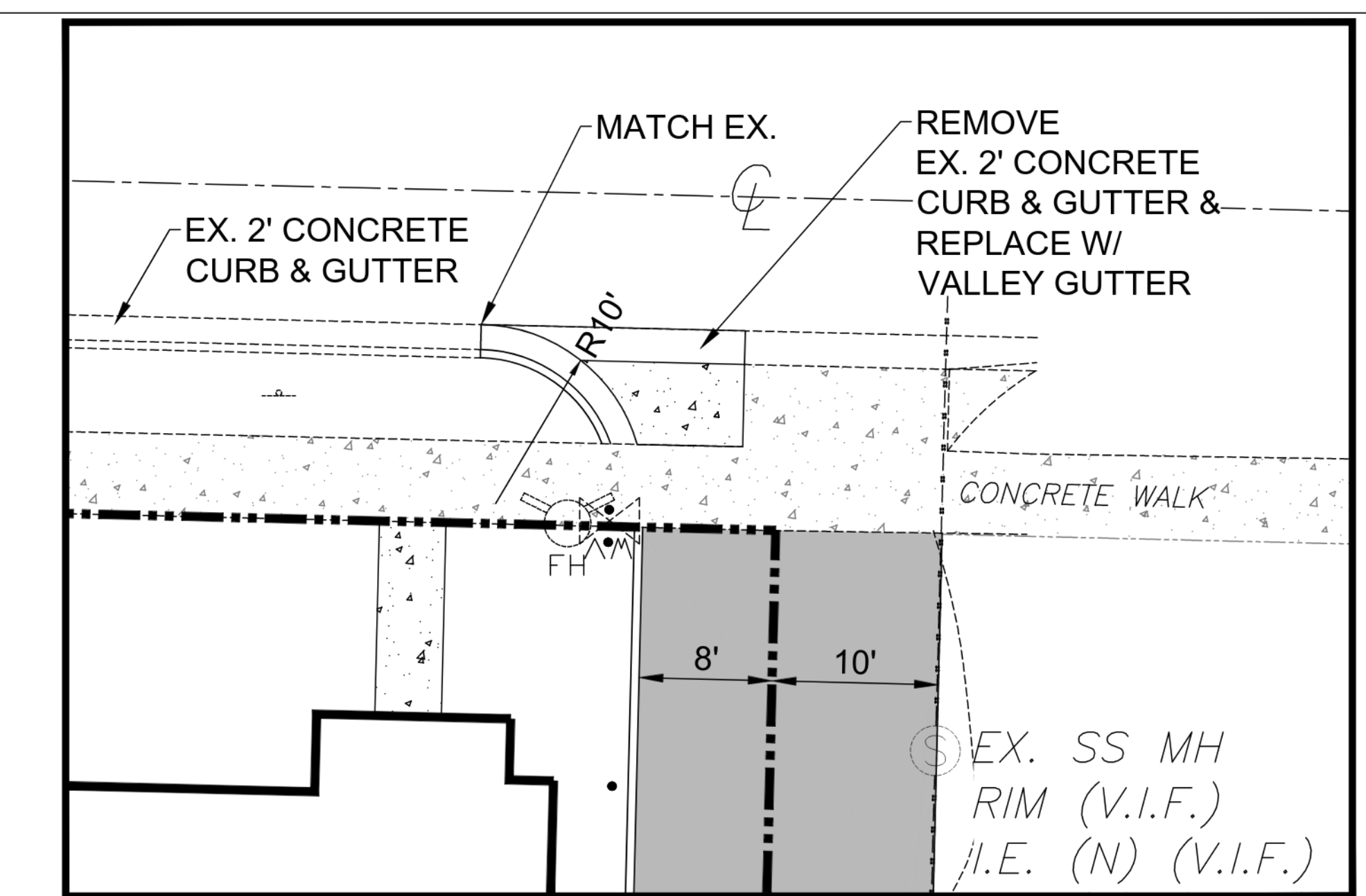
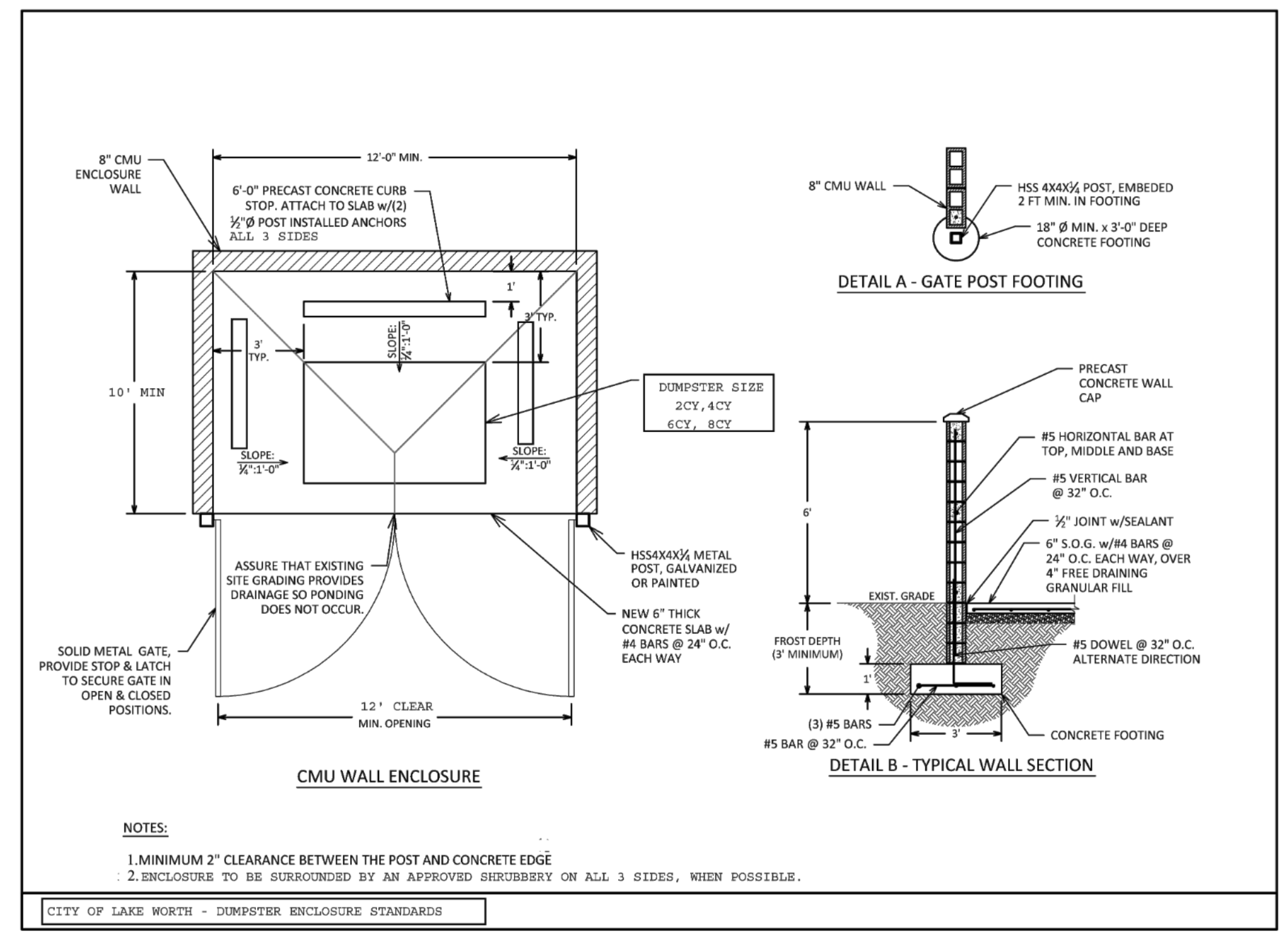


D TYPICAL SECTION
EAST-WEST CROSS-SECTION

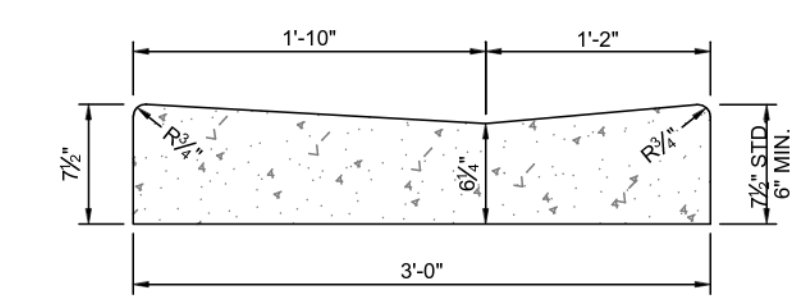


E TYPICAL SECTION
SOUTH SECTION

CMU DUMPSTER ENCLOSURE



10TH AVENUE N. ENTRANCE DETAIL



- NOTES:
- FOR USE ADJACENT TO CONCRETE OR FLEXIBLE PAVEMENT, EXPANSION JOINT, PREFORMED JOINT FILLER AND JOINT SEAL ARE REQUIRED BETWEEN CURBS AND CONCRETE PAVEMENT ONLY.
 - REFERENCE FDOT INDEX 300 FOR ADDITIONAL INFORMATION.
 - ALL CONCRETE SHALL BE A MINIMUM 3,500 PSI AT 28 DAYS.

VALLEY GUTTER DETAIL
N.T.S.

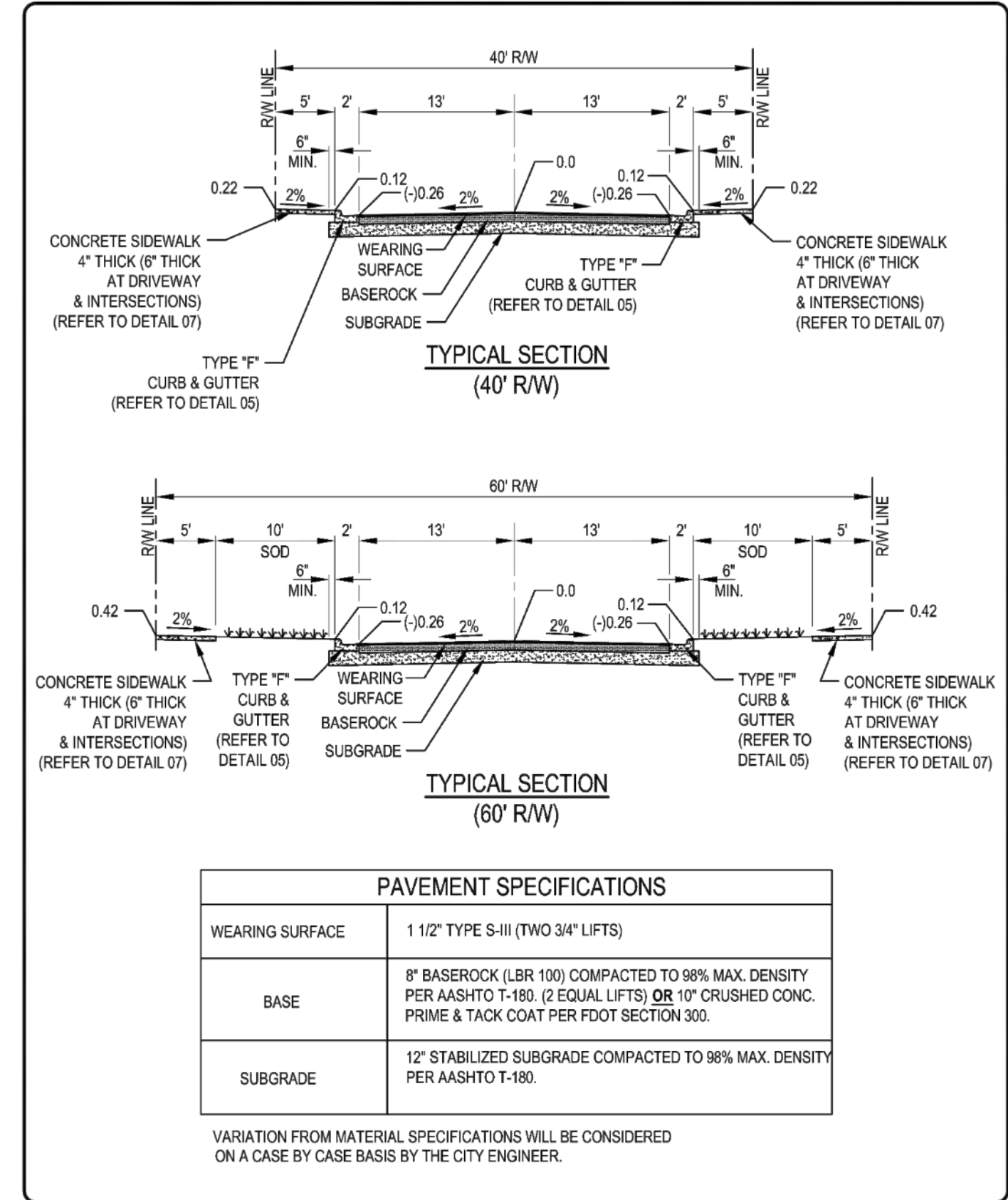
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Revision / Submission	No.	Date	Comment
<p>IBI GROUP 7000 North Federal Highway, 2nd Floor Boca Raton, FL 33487 USA tel +1 561 393 6555 ibigroup.com</p>			
<p>LAKE WORTH STATION LAKE WORTH BEACH, FLORIDA</p>			
<p>TYPICAL SECTIONS AND DETAILS</p>			
<p>NOT FOR CONSTRUCTION</p>			
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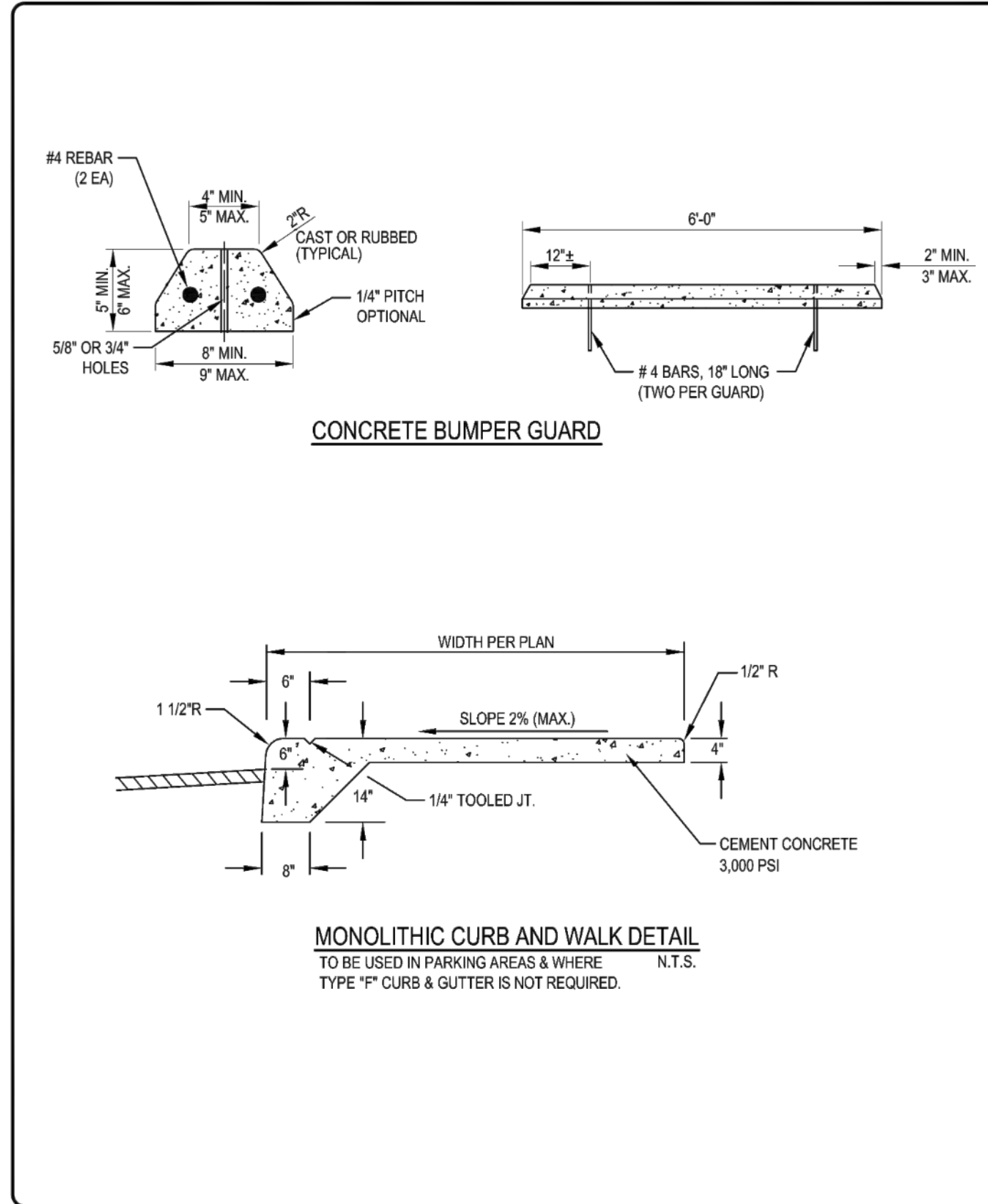
GENERAL NOTES

- 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. REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL NECESSARY PRECAUTIONS WHEN WORKING IN THE VICINITY OF OVERHEAD ELECTRICAL 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 WARRANTED 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 DONE 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:
 - 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 CONTRACT REQUIREMENTS.
 - 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.
 - ANY PROPOSED SUBSTITUTE OR EQUAL TO 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 WITHOUT REVIEW.
 - 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.
 - INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOG LITERATURE WILL NOT BE ACCEPTED FOR PRECAST STRUCTURES.
- 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 MATERIALS. PIPE BACKFILL & 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.
- RESULTS. 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 APPROVALS.
- 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 BE INSTALLED 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 REQUIRED TO THE STRUCTURES WITH AN EXTERIOR FINISH AND CHAIN. ALL STORM DRAINAGE SHALL BE FREE OF SLT 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 CONES) 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 THE TIME OF FINAL ACCEPTANCE BY THE CITY OF LAKE WORTH.
- PAVEMENT. WHERE FULL DEPTH PAVEMENT REPLACEMENT IS SPECIFIED, EXISTING BASEROCK MAY NOT BE RE-USED, HOWEVER IT MAY BE UTILIZED AS SURFACE STABILIZATION MATERIAL. ALL SUBGRADE SHALL BE FREE OF MUCK, ROOTS, UNDERBRUSH, VEGETATIVE MATTER, GARBAGE, TRASH, OR ANY 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.
- SIGNING AND PAVEMENT MARKING. 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/WHITE REFLECTIVE PAVEMENT MARKERS (RPM) SHALL BE INSTALLED TO INDICATE THE LOCATION OF ALL PIRE HYDRANTS.

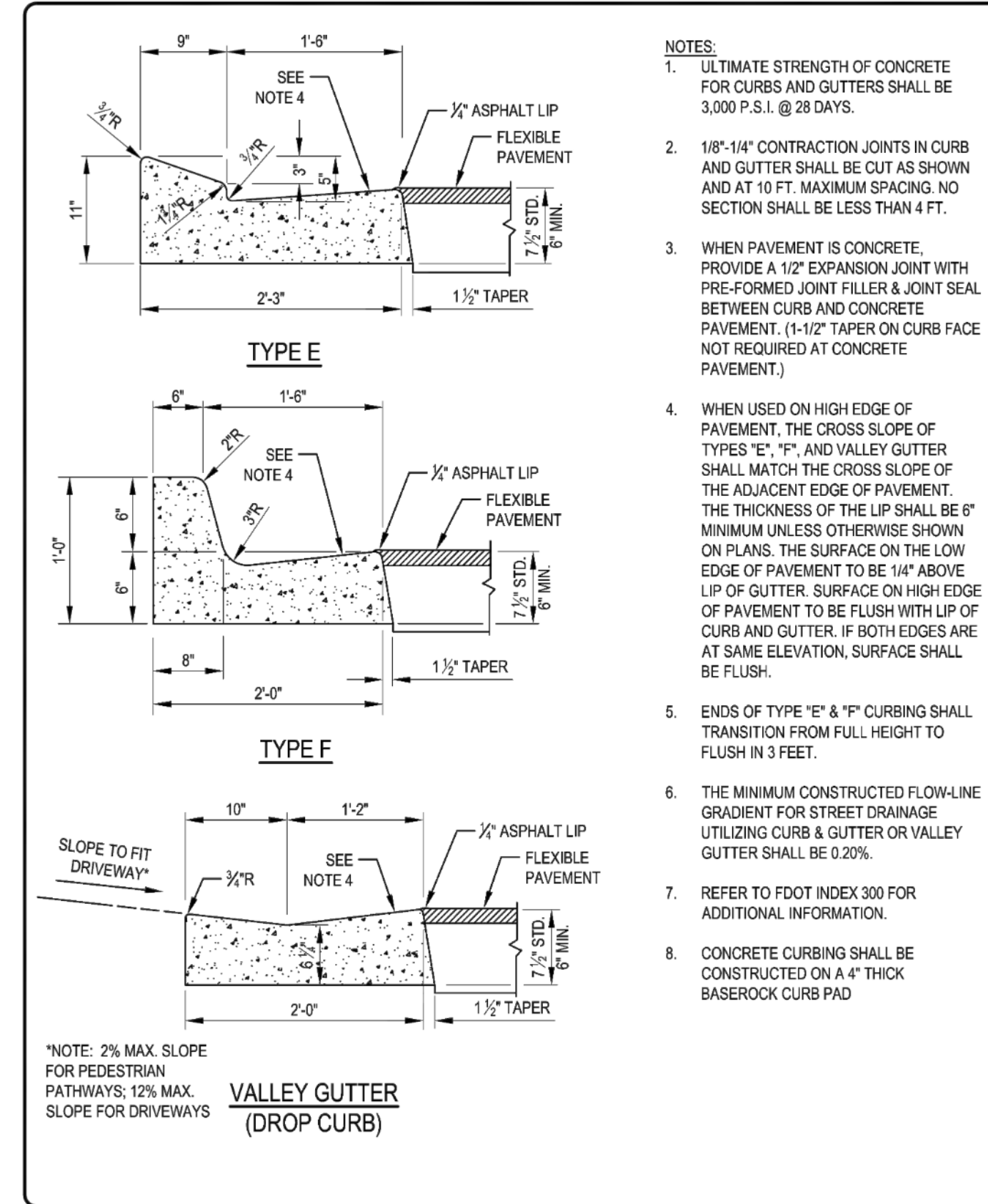
CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
 GENERAL NOTES
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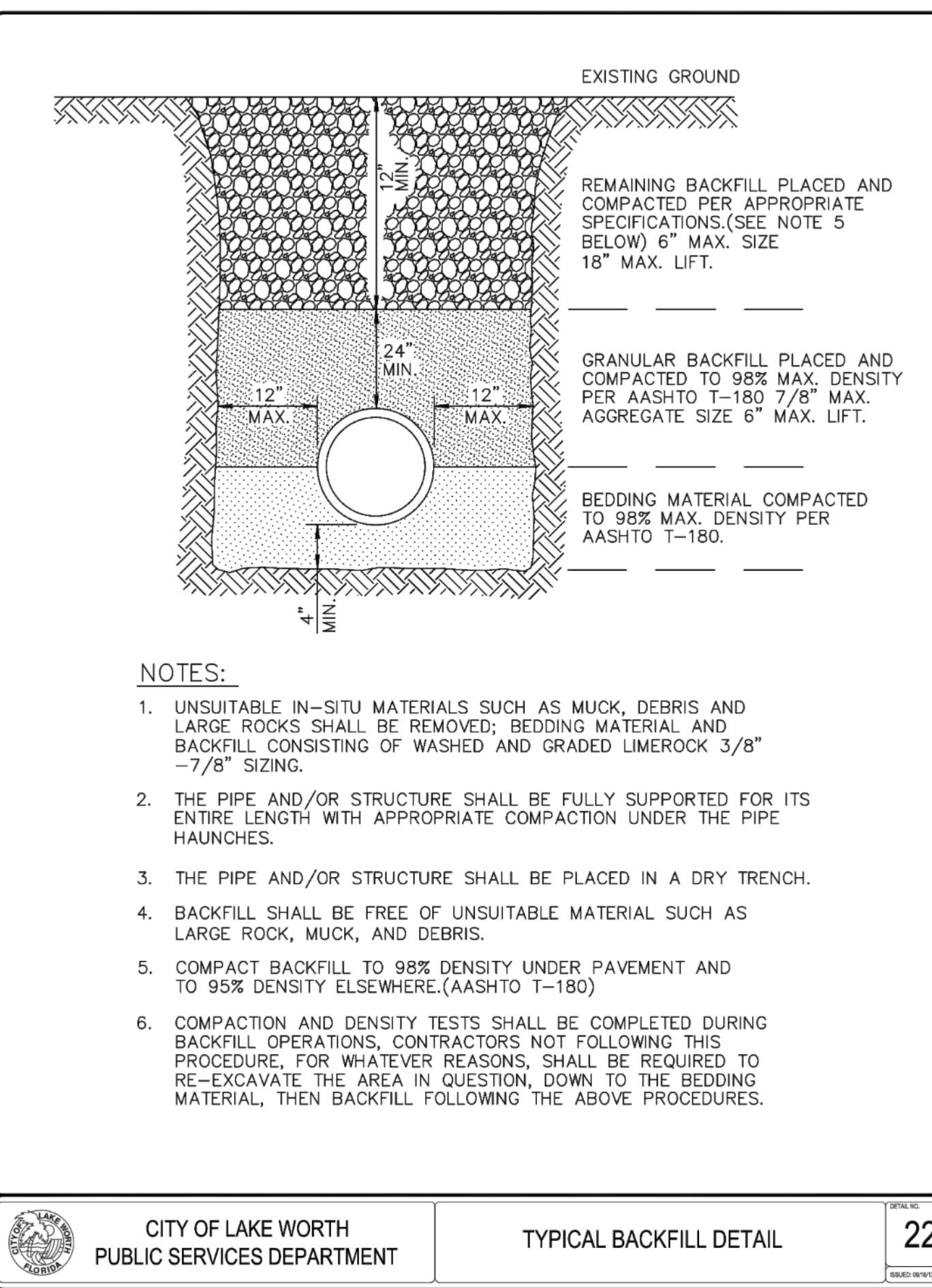
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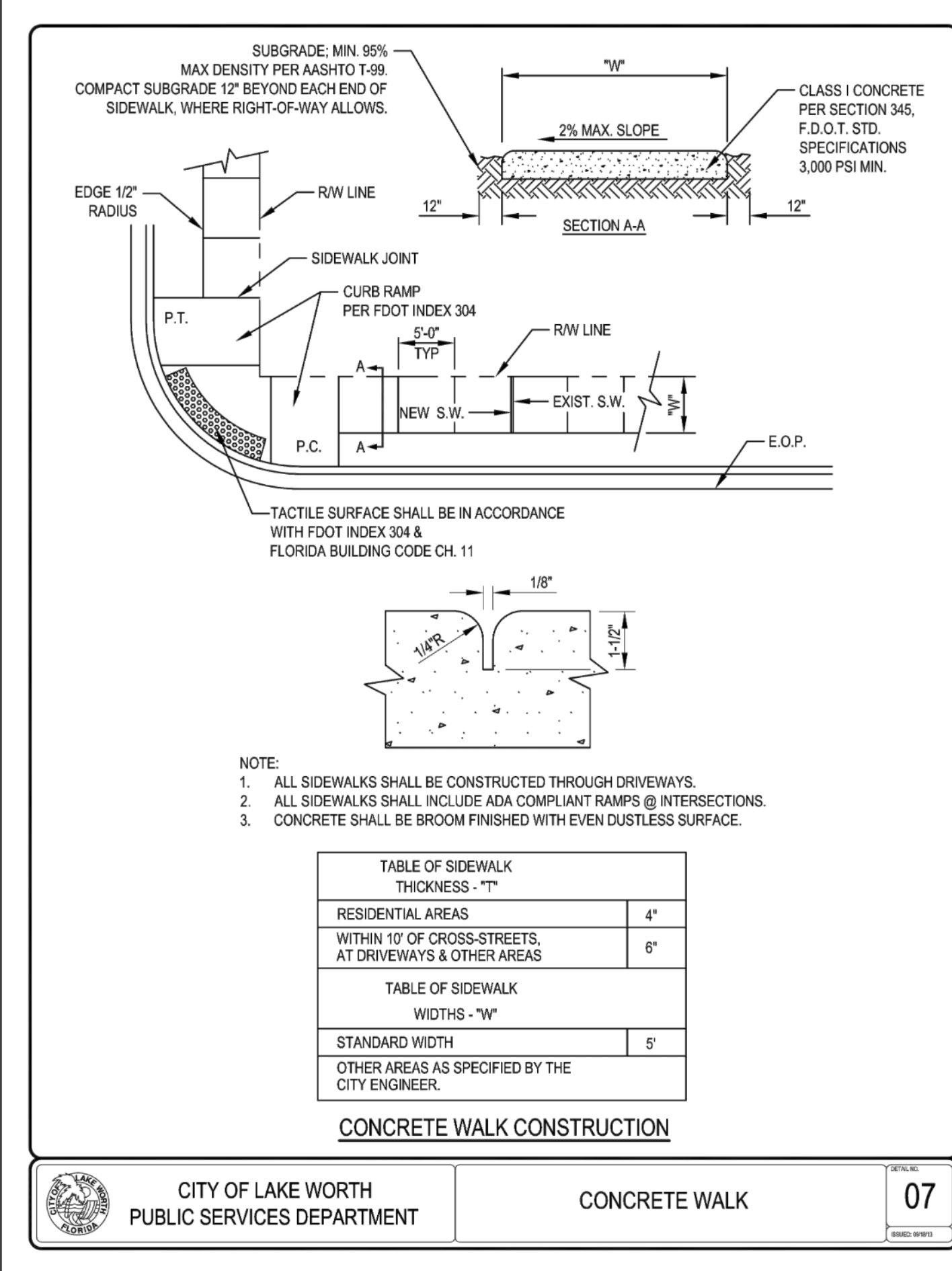
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 CONCRETE BUMPER GUARD AND MONOLITHIC CURB AND WALK
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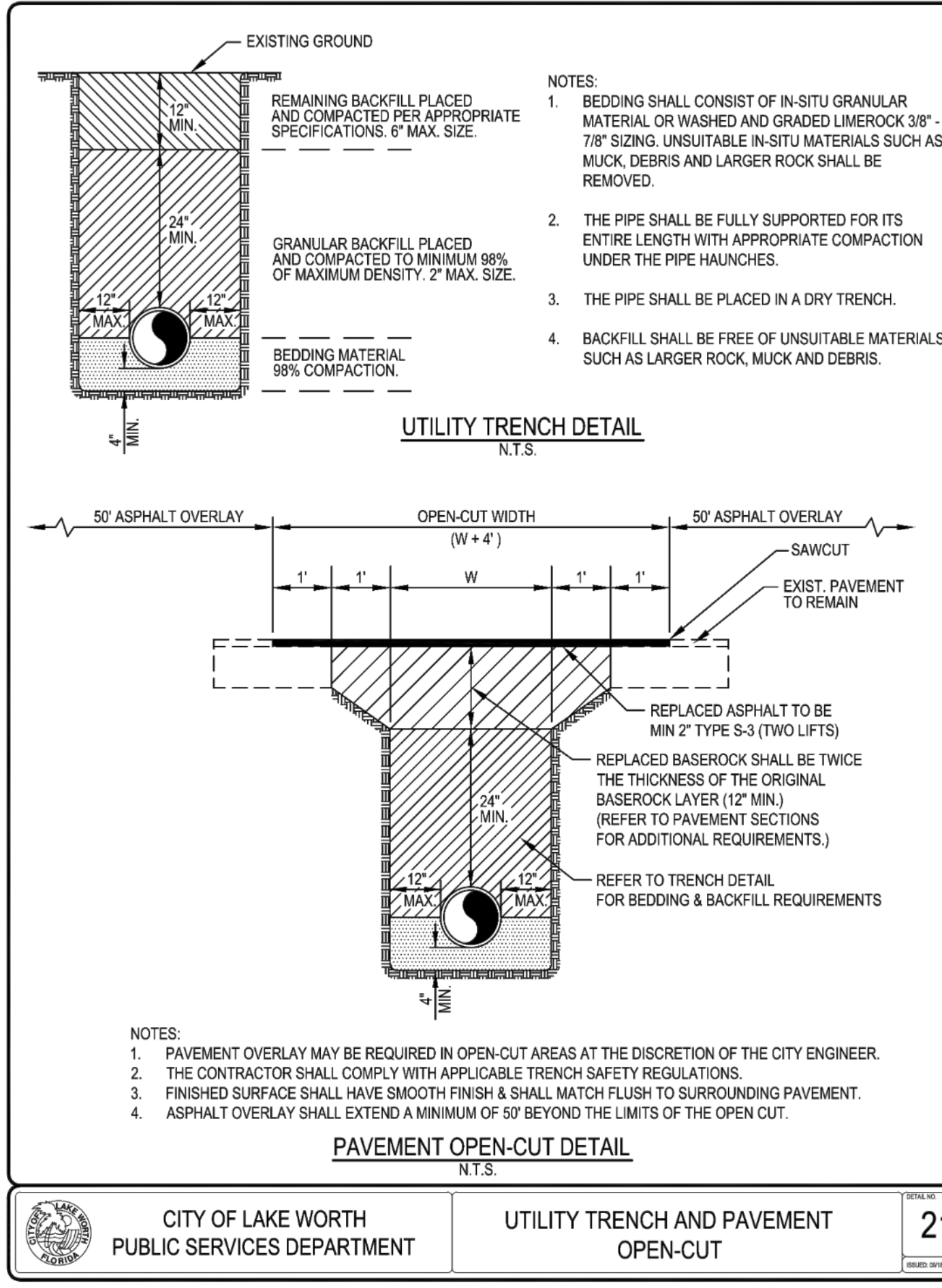
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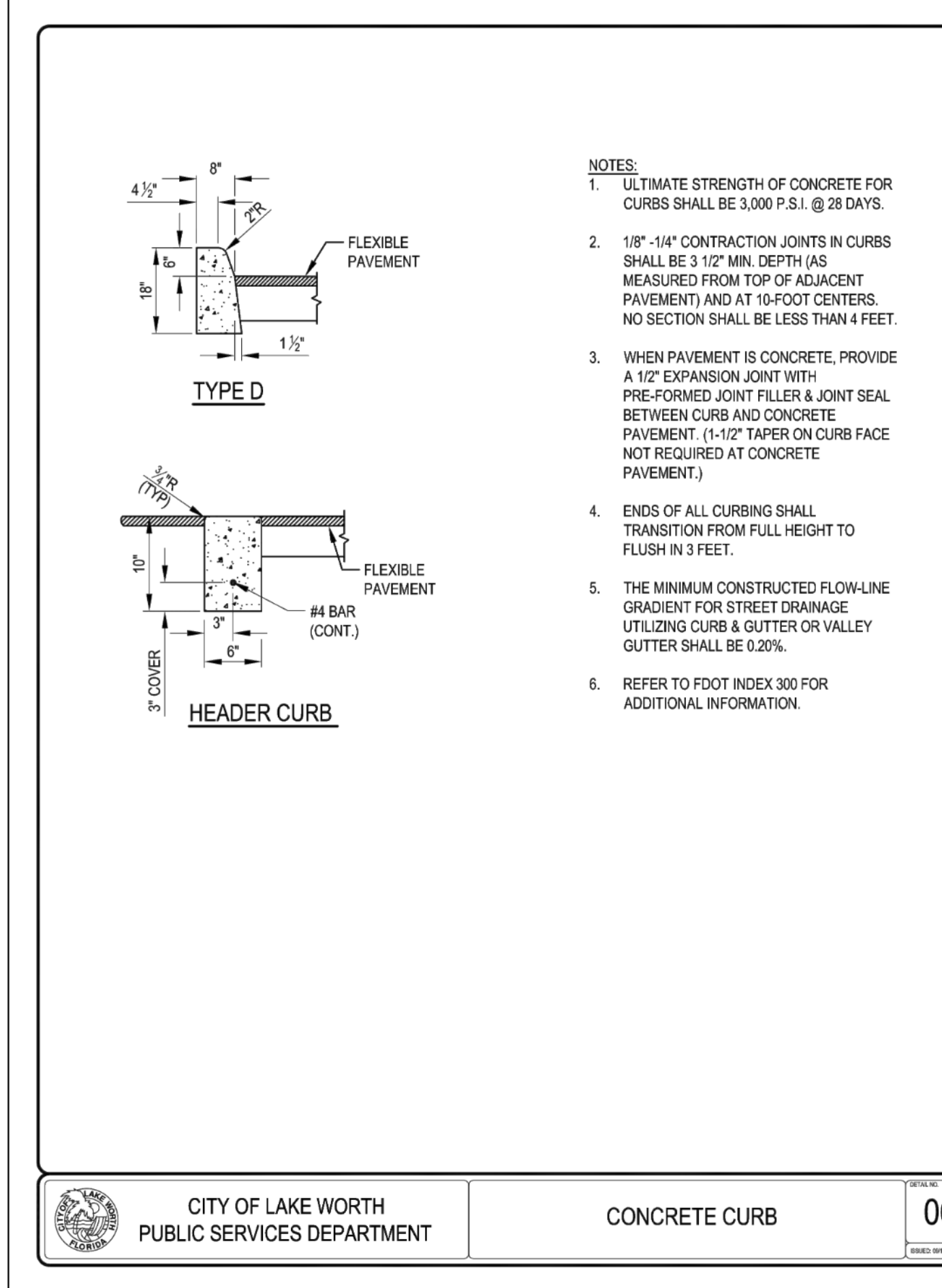
CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
 TYPICAL BACKFILL DETAIL
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CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
 CONCRETE WALK
 07



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 UTILITY TRENCH AND PAVEMENT OPEN-CUT
 21



CITY OF LAKE WORTH PUBLIC SERVICES DEPARTMENT
 CONCRETE CURB
 06

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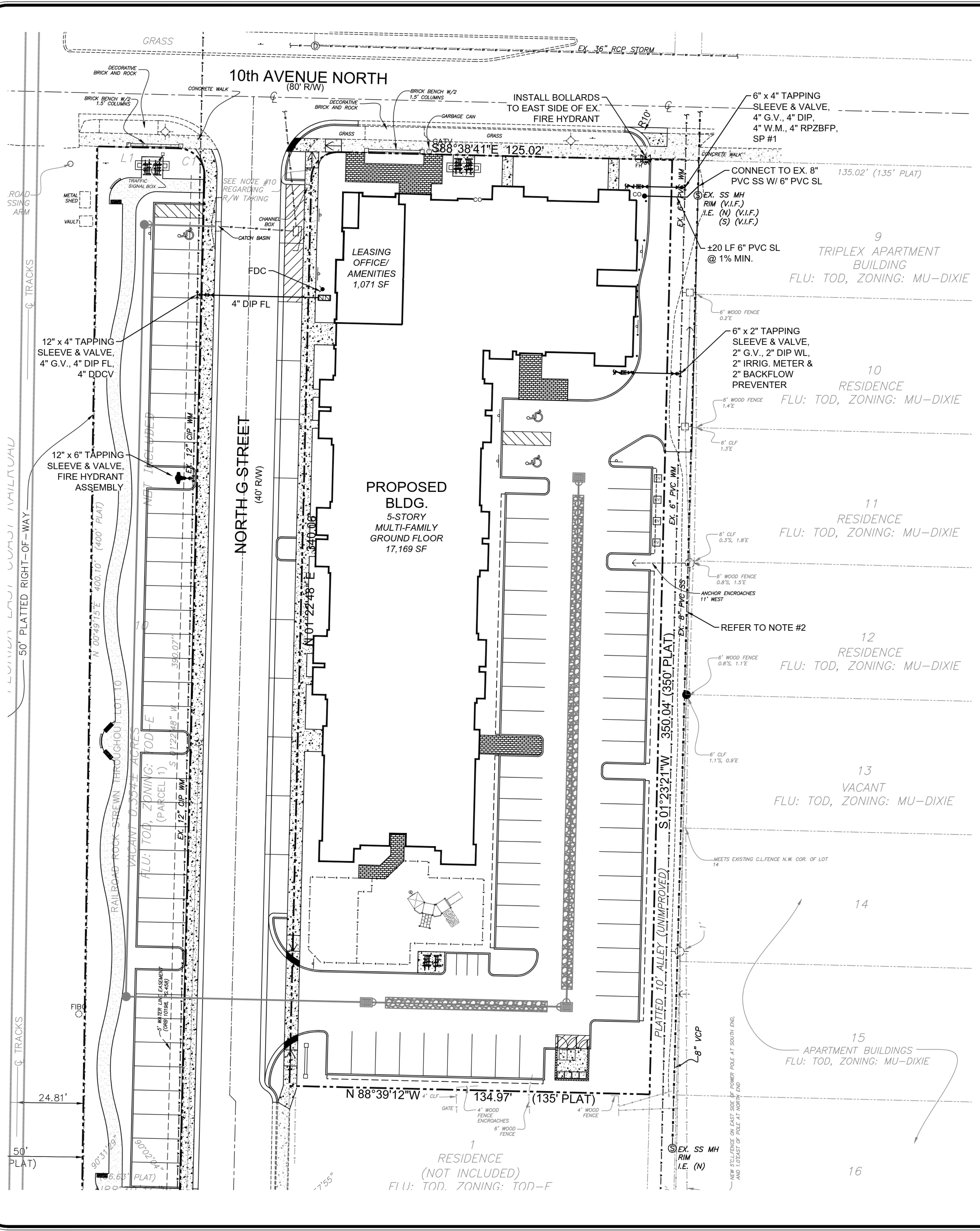
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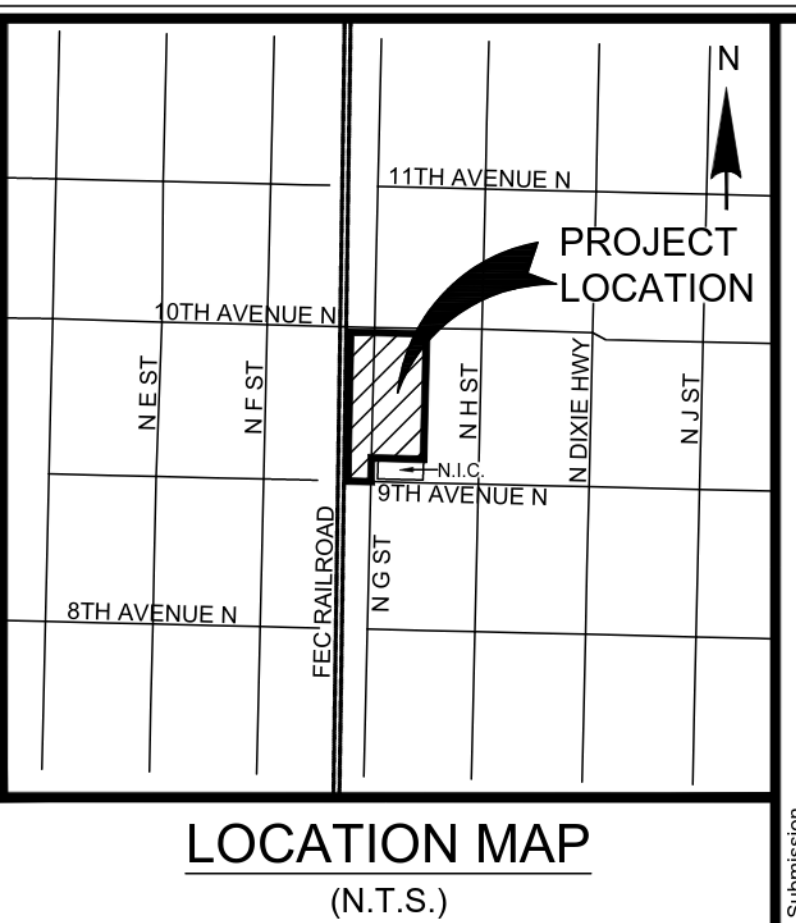
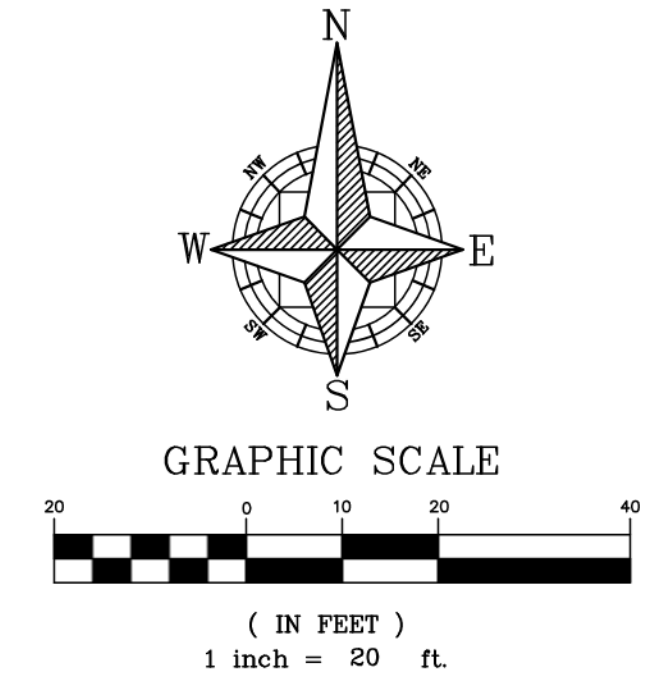
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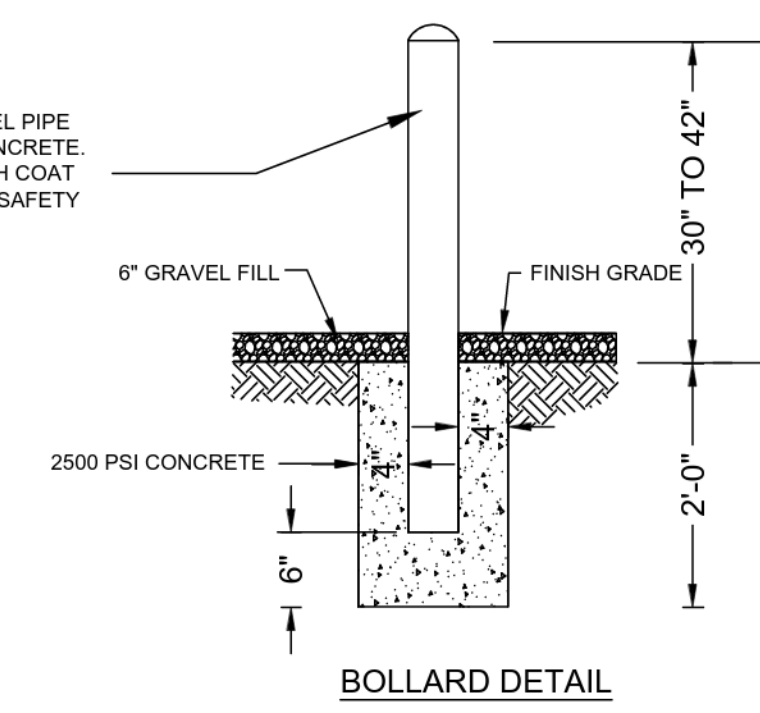
- ### LEGEND
- SANITARY SEWER LATERAL W/ MANHOLE
 - 22° BEND FITTING
 - 45° BEND FITTING
 - TEE FITTING
 - 90° BEND FITTING
 - REDUCER
 - GATE VALVE
 - WATER METER
 - BACKFLOW PREVENTER
 - DOUBLE DETECTOR CHECK VALVE
 - FIRE DEPARTMENT CONNECTION
 - FIRE HYDRANT ASSEMBLY



- ### NOTES:
- ALL DIP WATER MAINS TO BE COLOR CODED OR MARKED BLUE ACCORDING TO FLORIDA ADMINISTRATIVE CODE, RULE 62-555.320(21)(b)3.
 - FOR EX. 8" PVC SANITARY SEWER, CONTRACTOR SHALL LINE THE INTERIOR OF THE PIPE WITH A CURED IN PLACE LINER, FROM MANHOLE TO MANHOLE, ±355 LF.

SEPARATION OF WATER & SEWER LINES

HORIZONTAL SEPARATION OF PIPELINES		ALTERNATE CONSTRUCTION
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 AN UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND JOINTS IN THE WATER MAIN ARE BEING LOCATED LESS THAN THE REQUIRED MINIMUM VERTICAL DISTANCE FROM JOINTS IN THE OTHER PIPELINE.
THREE FEET, AND PREFERABLY TEN FEET	STORM SEWER, STORMWATER FORCE MAIN OR RECLAIMED WATER MAIN	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; 2. USE OF WELDED, FUSED OR OTHERWISE RESTRAINED JOINTS FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE; OR 3. USE OF WATERTIGHT CASING PIPE OR CONCRETE ENCASEMENT AT LEAST FOUR (4) INCHES THICK FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE.
THREE FEET, AND PREFERABLY TEN FEET	VACUUM-TYPE SANITARY SEWER	
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.	
TEN FEET	REFER TO NOTE #2	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 THE REQUIRED MINIMUM VERTICAL DISTANCE FROM THE OTHER PIPELINE:
VERTICAL SEPARATION OF PIPELINES		1. USE OF PIPE, OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (I.E. 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 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 CONVEYING WASTEWATER OR RECLAIMED WATER.
MINIMUM SEPARATION DISTANCE FROM THE (OUTSIDE TO OUTSIDE)	NEW OR RELOCATED, UNDERGROUND WATER CROSSING ANY EXISTING OR PROPOSED	
6 INCHES, PREFERABLY 12 INCHES ABOVE	GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER	
12 INCHES BELOW	GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER	
12 INCHES ABOVE OR BELOW	PRESSURE-TYPE SANITARY SEWER, WASTEWATER, STORMWATER FORCE MAIN OR PIPELINE CONVEYING RECLAIMED WATER MAIN	
ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE.		
ALTERNATIVELY, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS OR RECLAIMED WATER MAINS, AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER, FORCE MAINS OR RECLAIMED WATER MAINS.		



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LAKE WORTH STATION
LAKE WORTH BEACH, FLORIDA
WATER AND SEWER PLAN

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DATE: 12/07/2022

SCALE: 1" = 20'

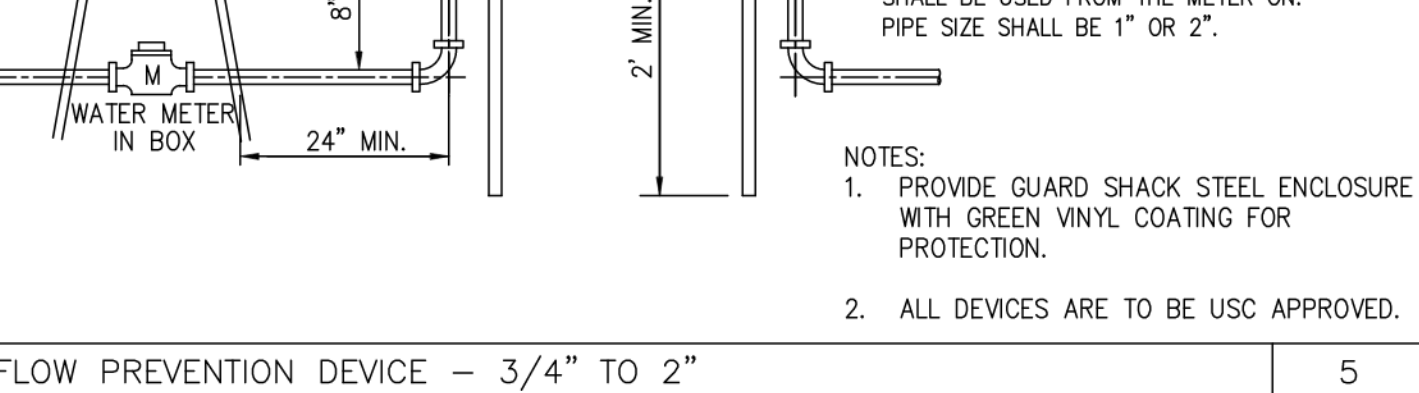
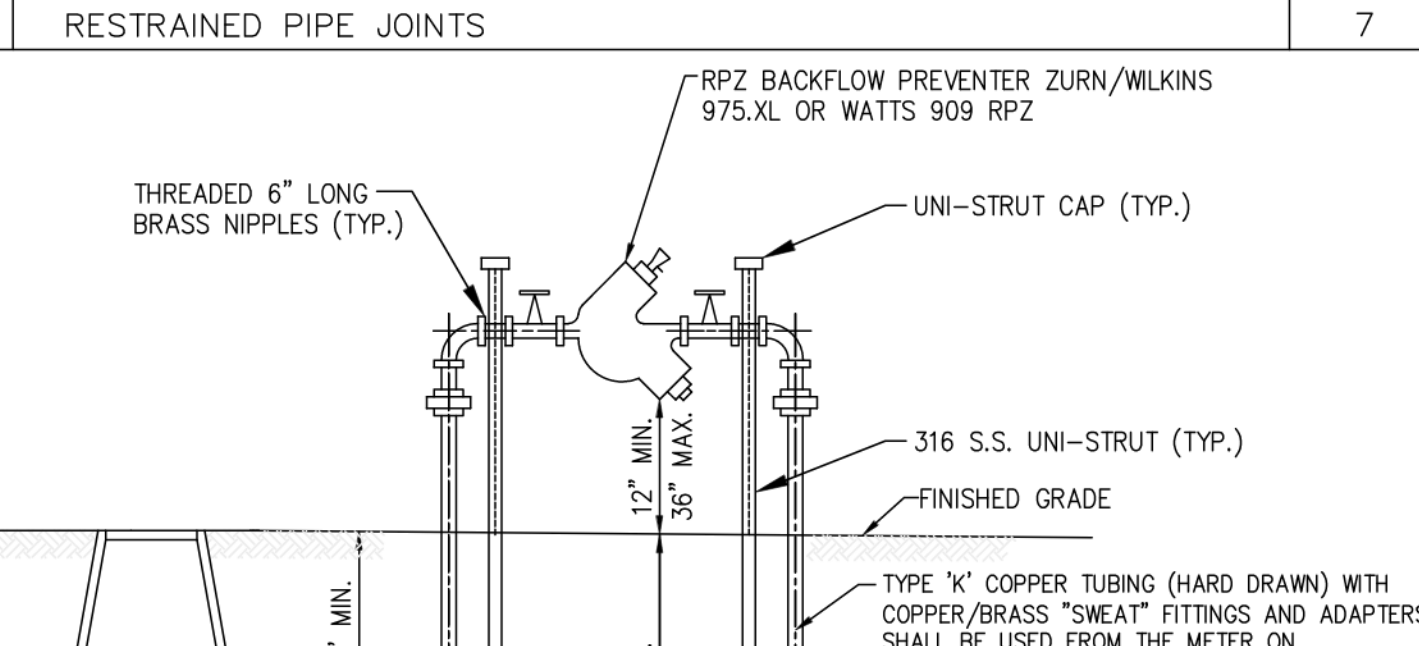
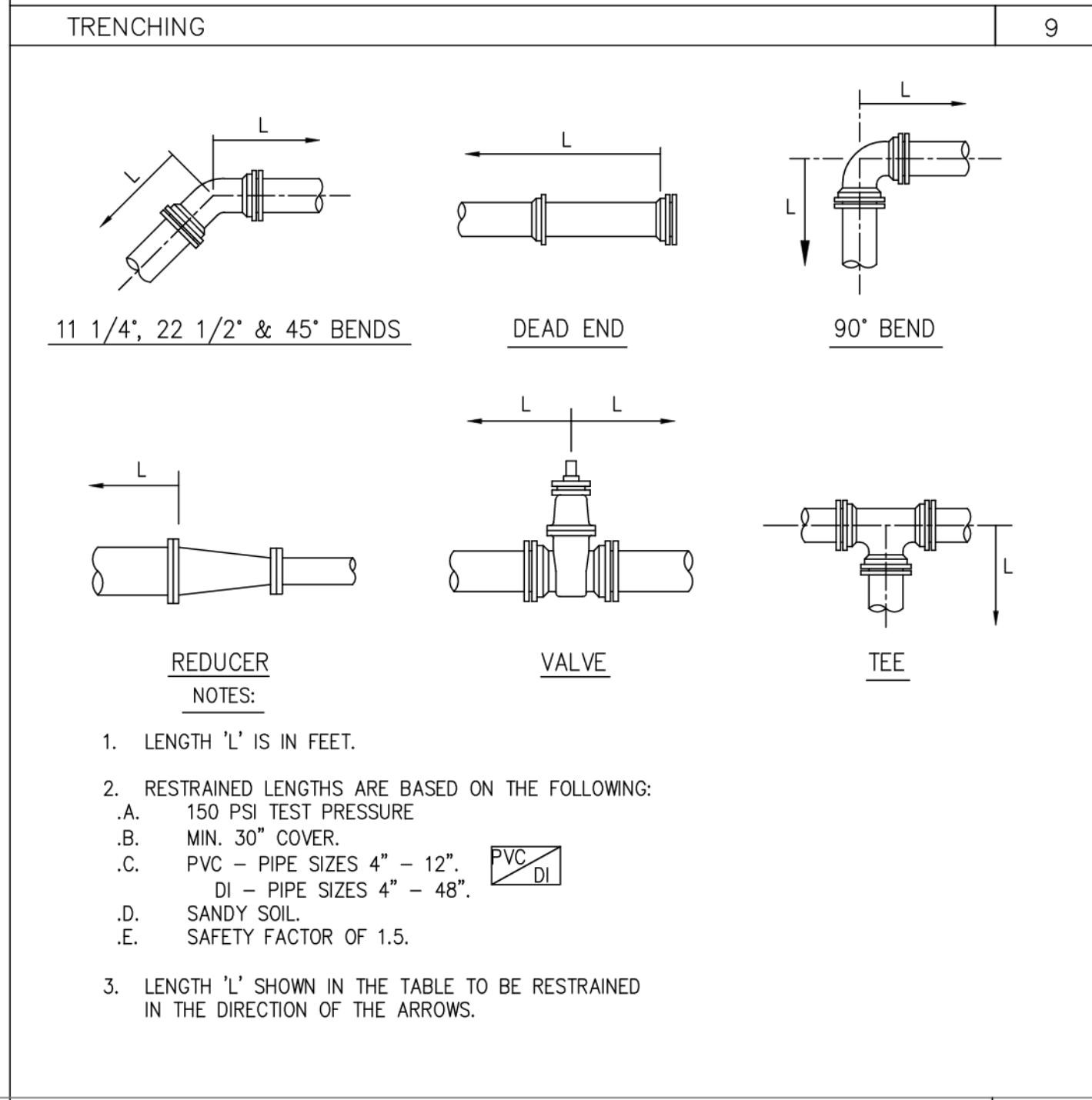
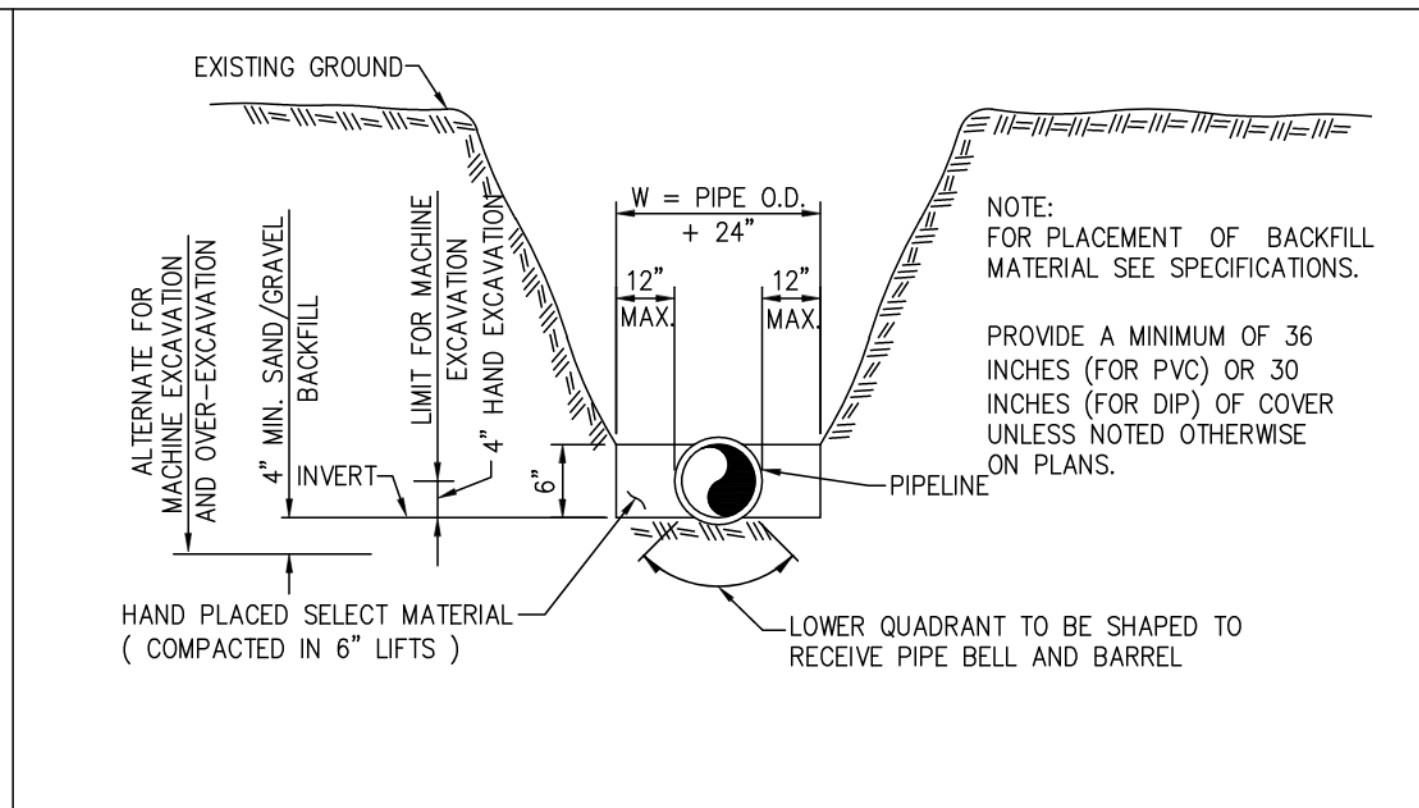
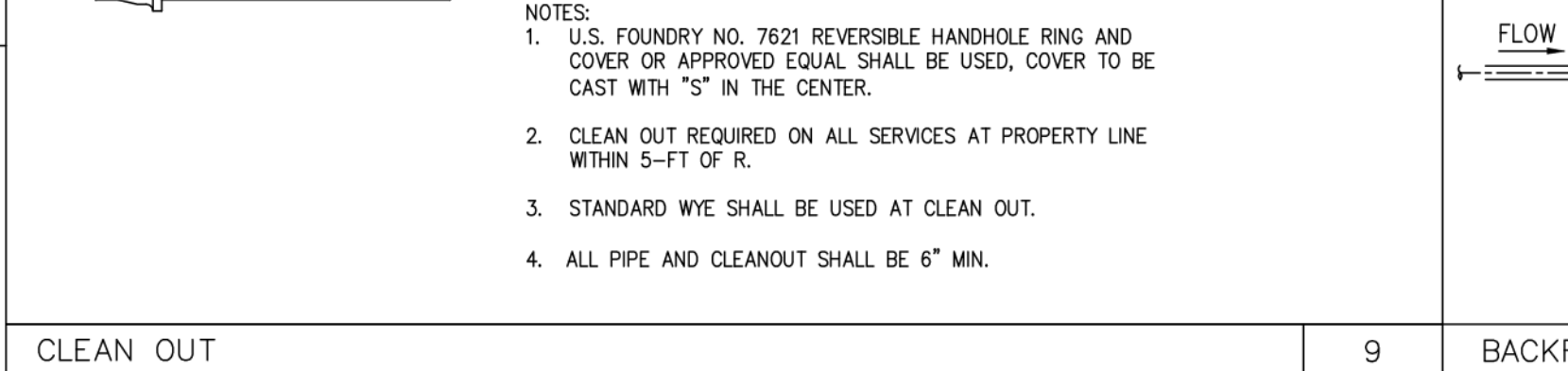
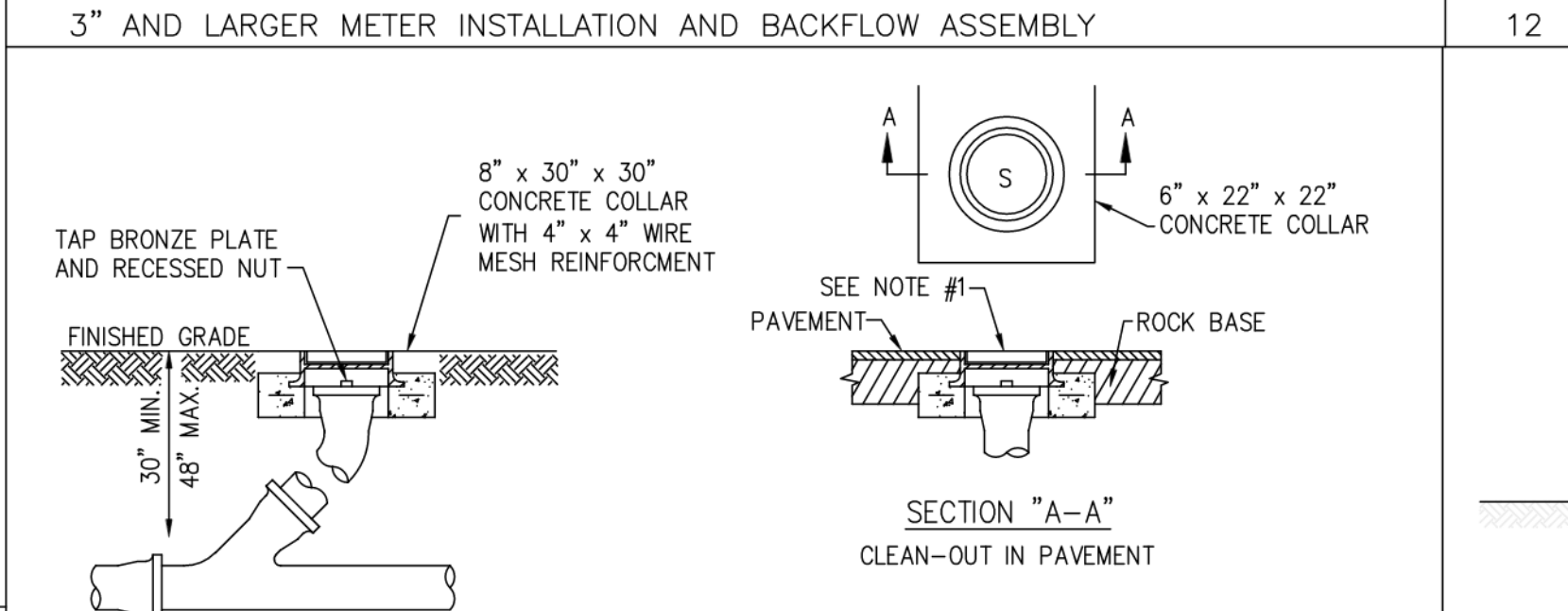
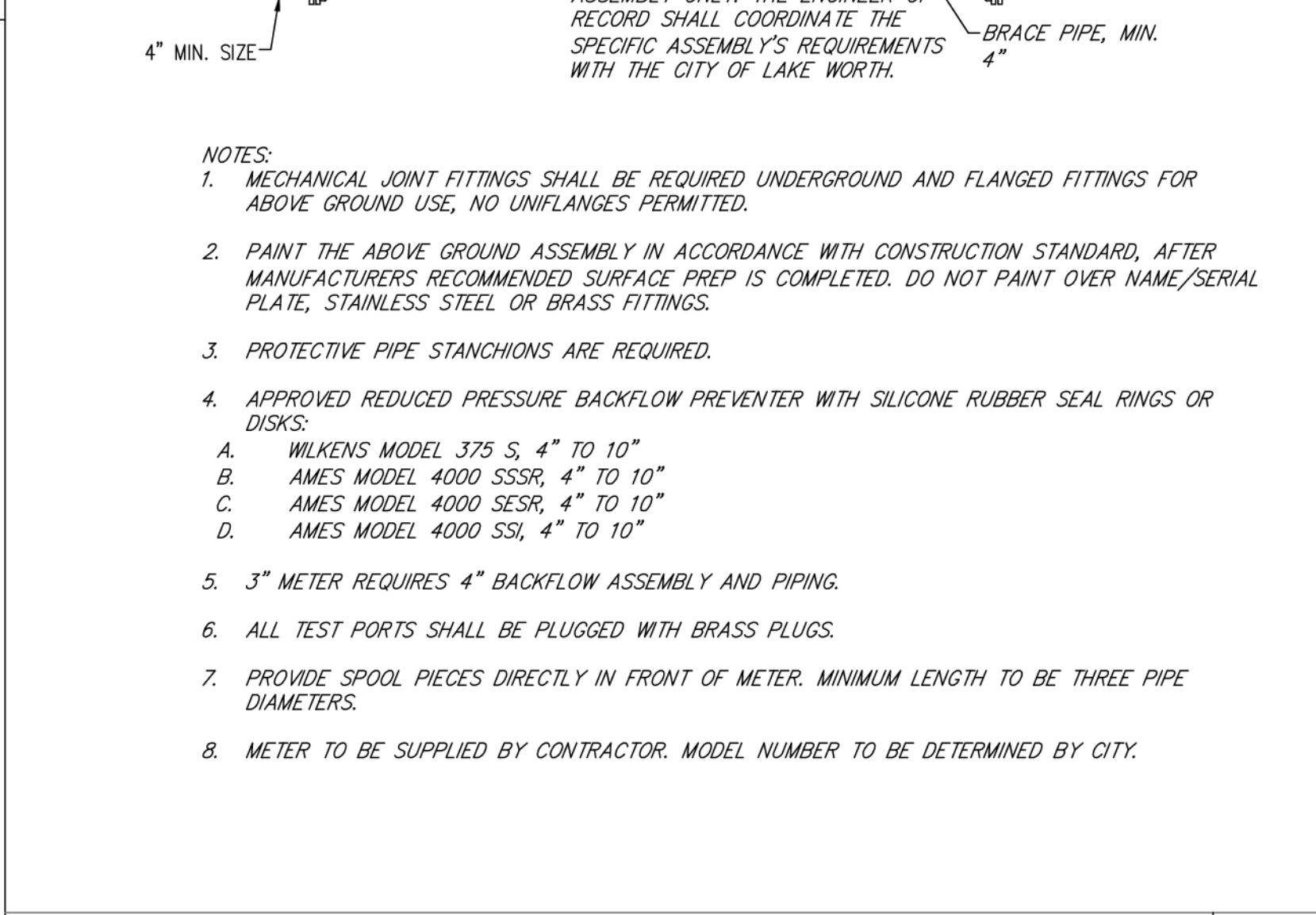
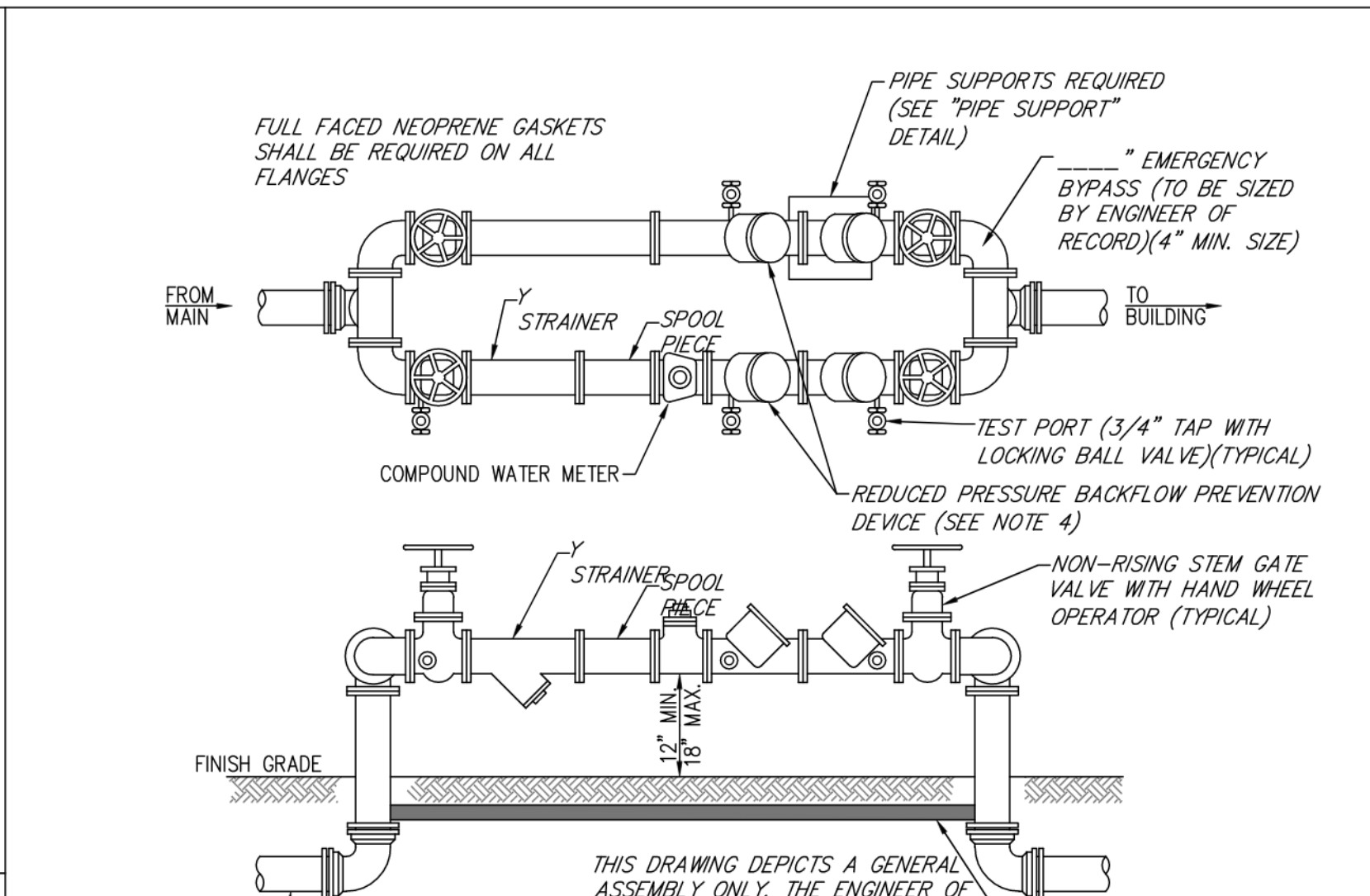
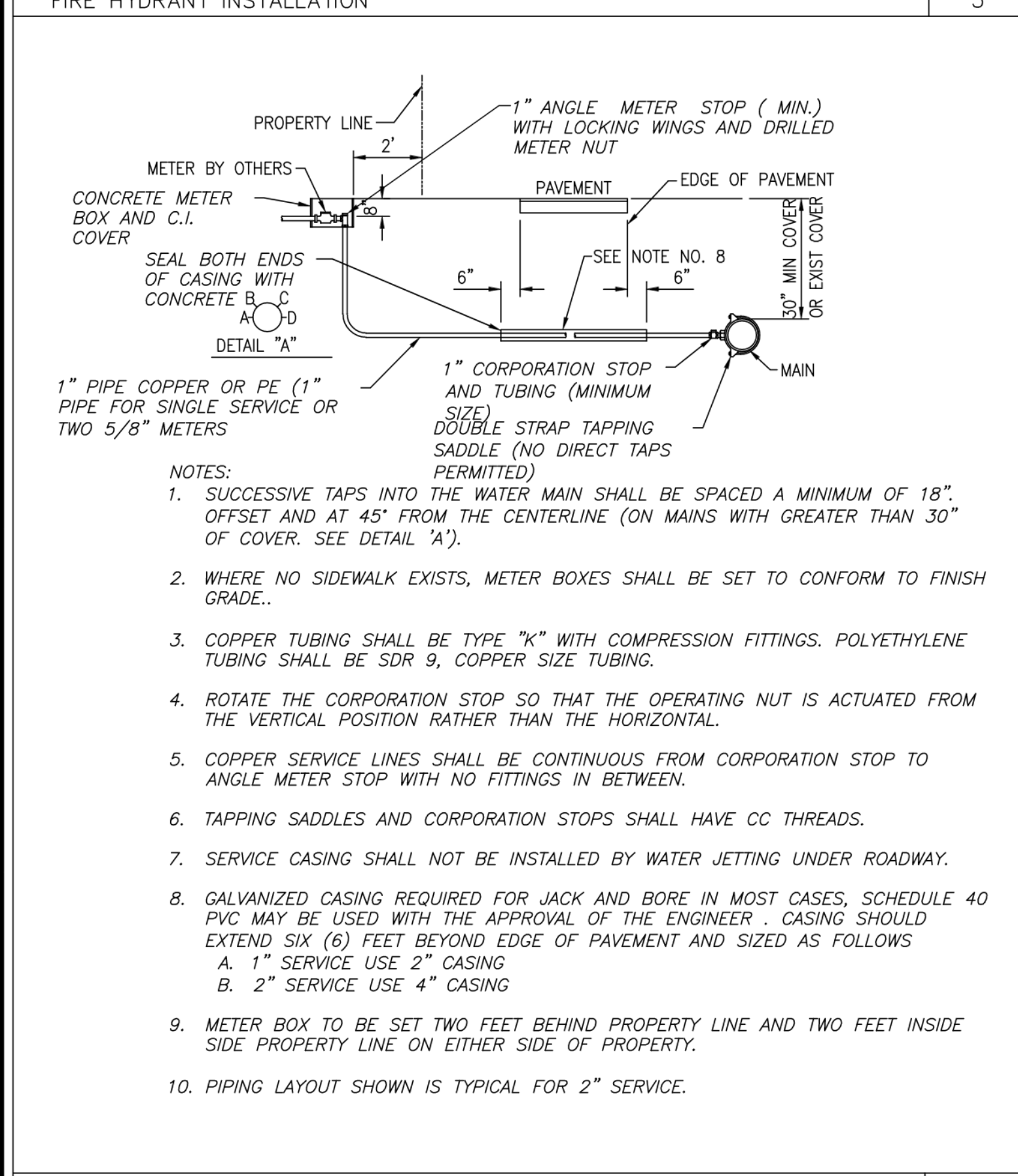
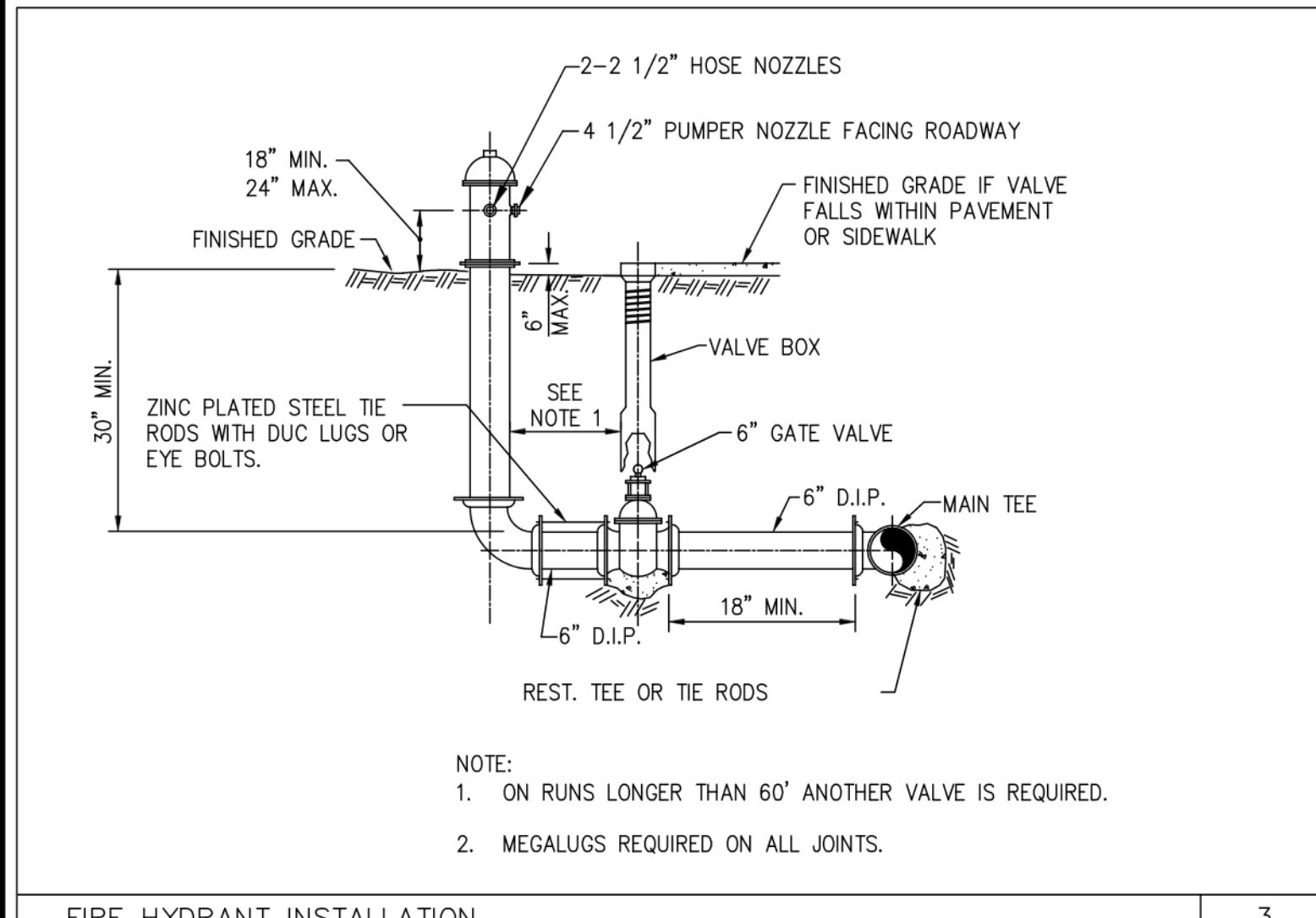
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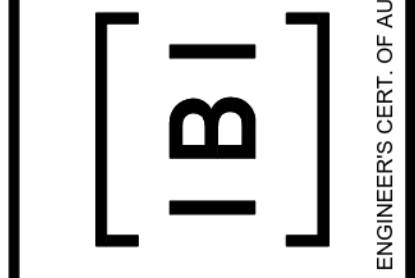
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	1	08/15/2022	REVISED PER PERMIT #1

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**LAKE WORTH STATION
LAKE WORTH BEACH, FLORIDA**

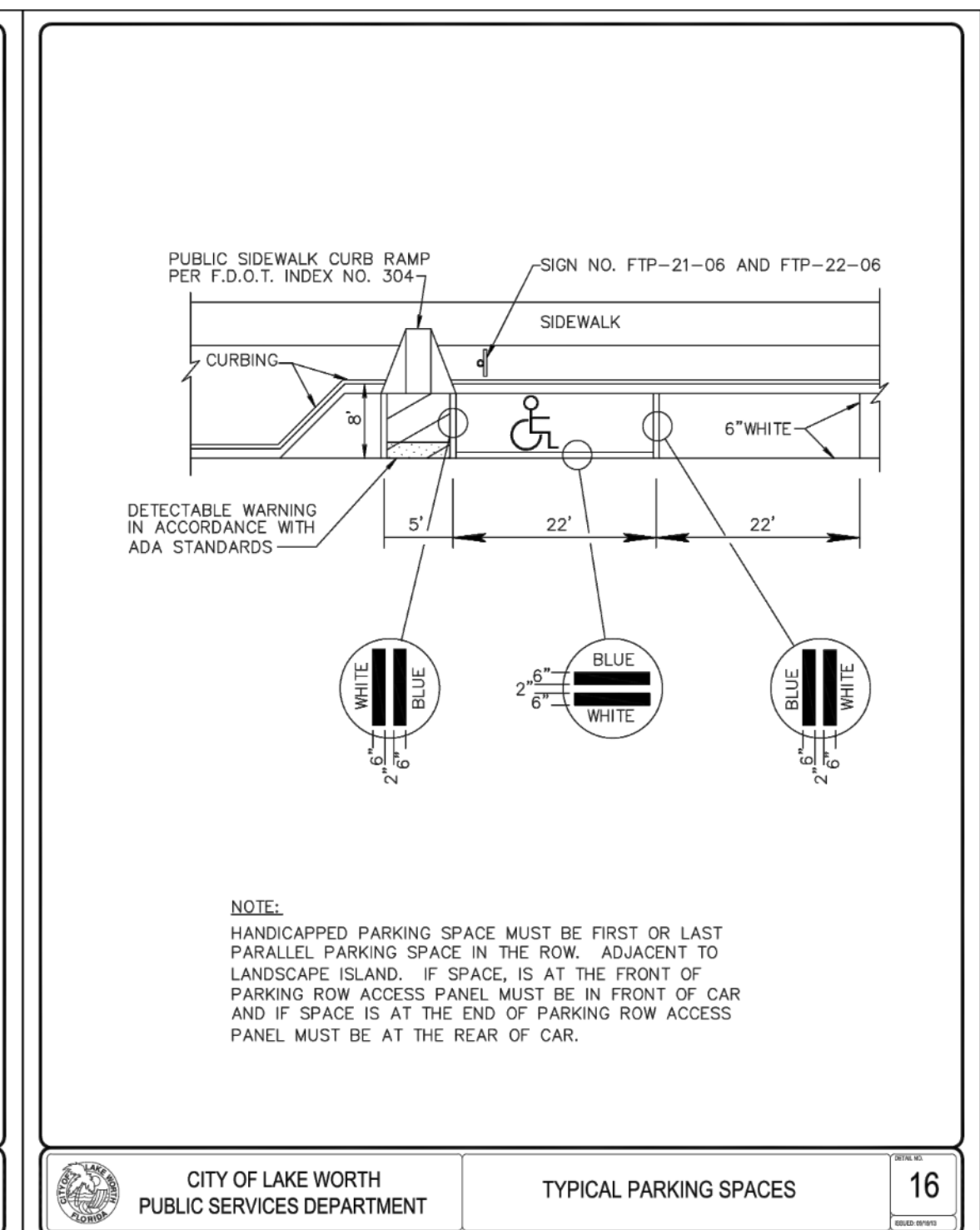
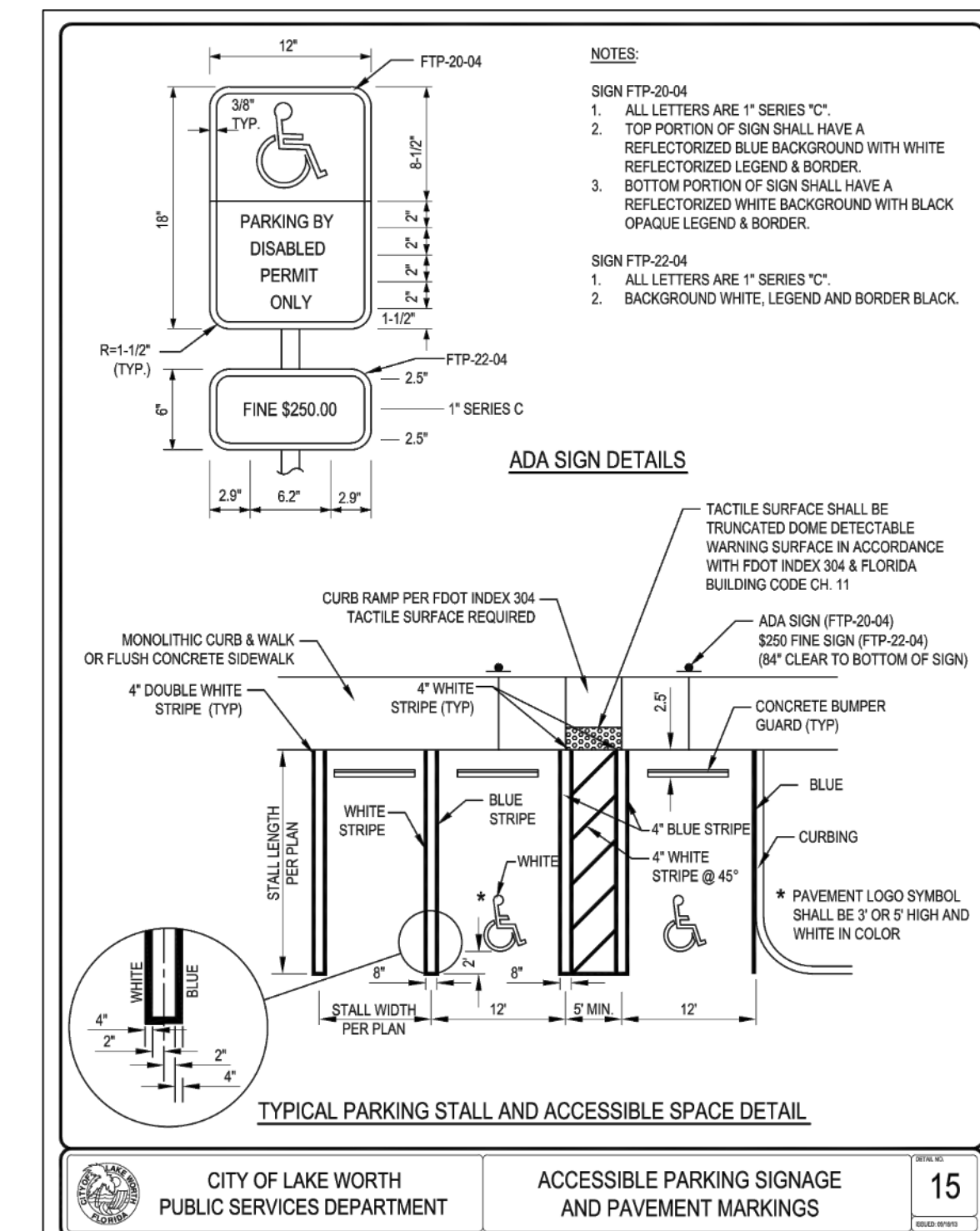
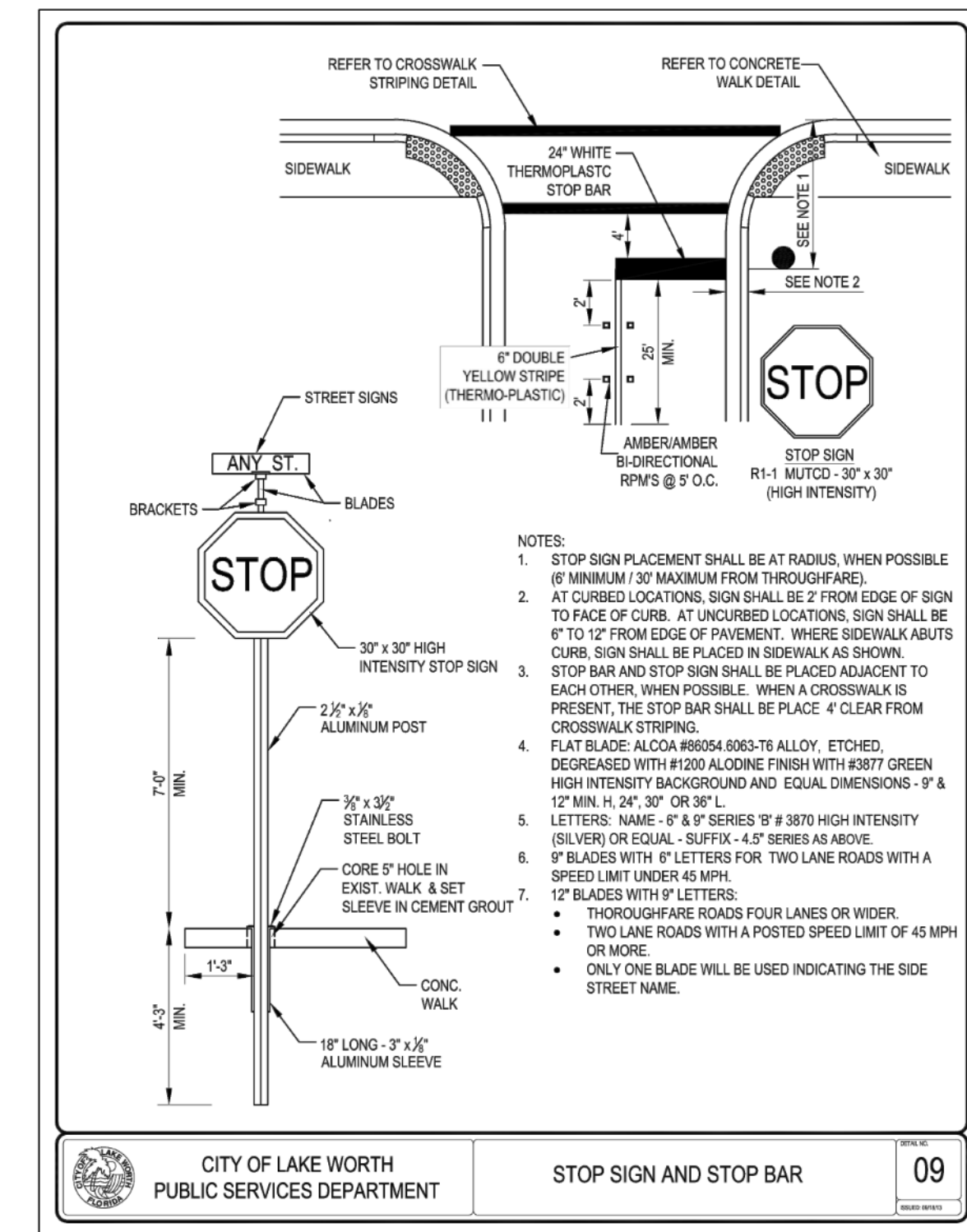
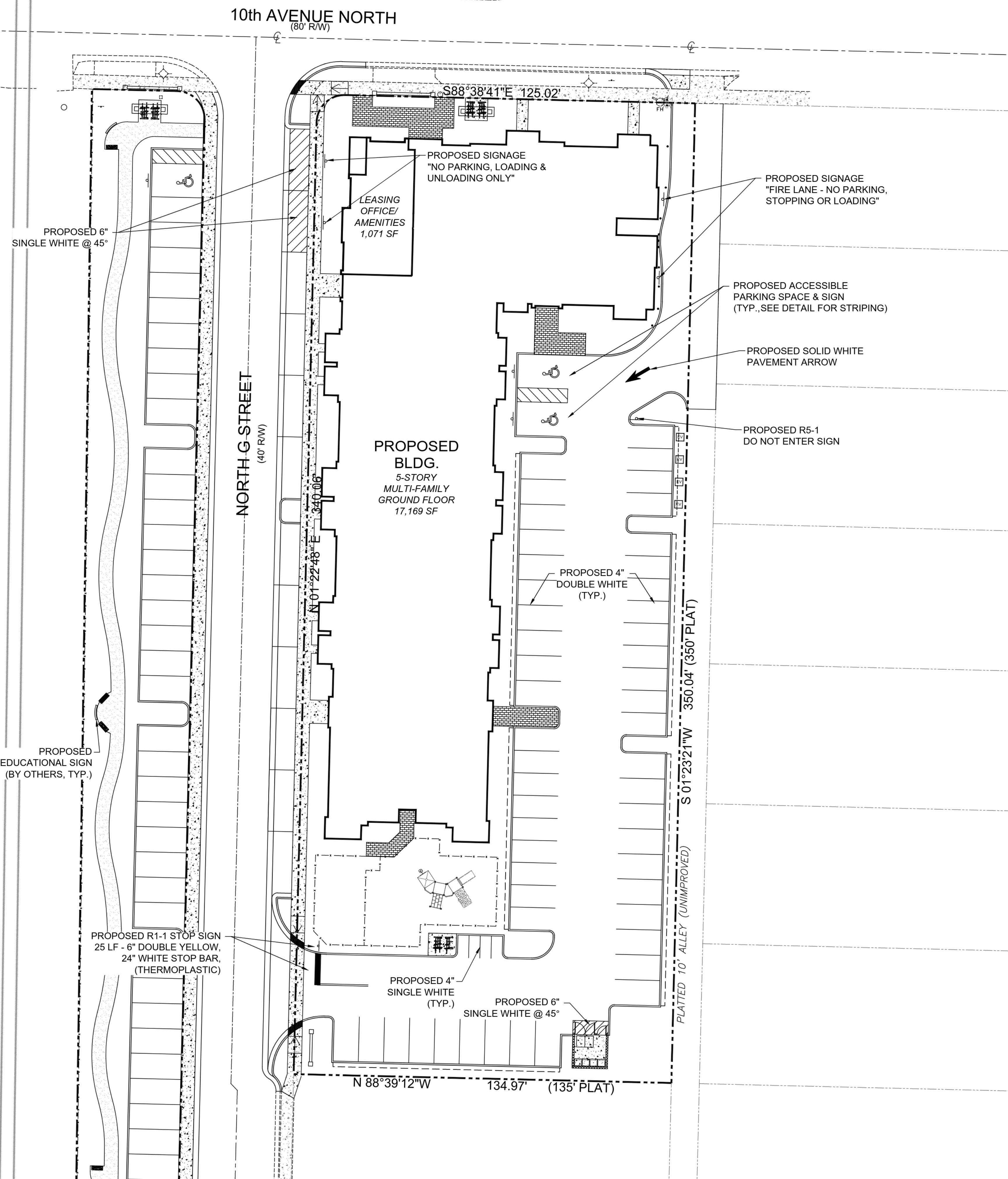
PRELIMINARY WATER AND SEWER DETAILS

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LAKE WORTH STATION
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PAVEMENT MARKING AND SIGNAGE PLAN

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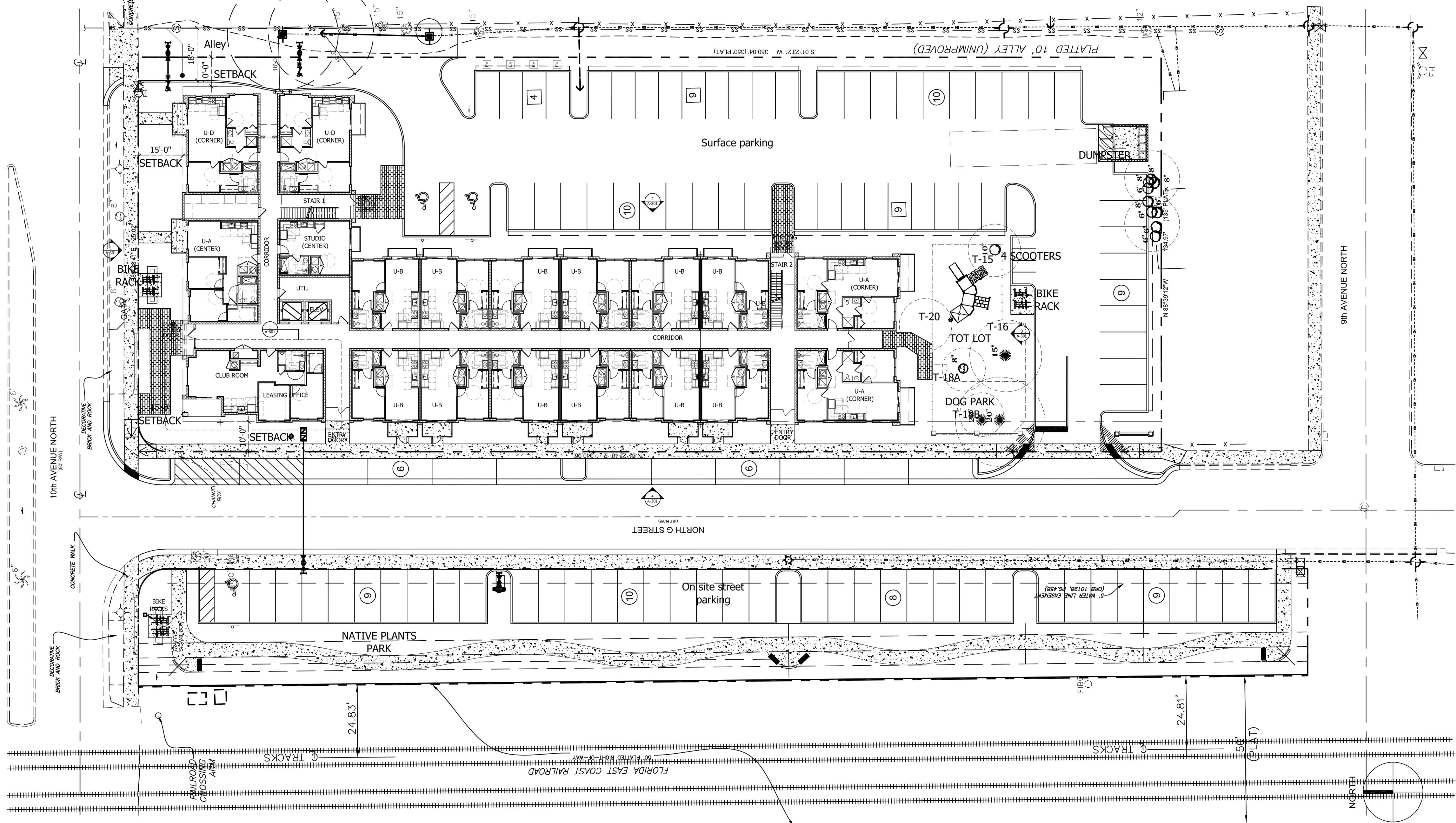
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(XREF) AERIAL PHOTO 2



3 AERIAL PHOTO
(XREF) AERIAL PHOTO 3



4 AERIAL PHOTO
(XREF) AERIAL PHOTO 4



5 MASTER PLAN / GROUND FLOOR
(XREF) LWS - SITE PLAN SCALE: NTS

NOTE:
THIS DRAWING IS FOR GENERAL BUILDING ORIENTATION ONLY. SEE CIVIL DRAWINGS FOR ANY AND ALL SITE WORK. THIS INCLUDES BUT IS NOT LIMITED TO ROAD AND WALKWAYS, DIMENSIONS, DISTANCES BETWEEN BUILDINGS, SANITARY, WATER, GAS AND ELECTRICAL.

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P.A.:	James M. Rivello
P.M.:	A. Garcia
DRAWN BY:	AG, LP
PROJECT NO.:	1943-02
DATE:	06/15/22
REVISION:	REVISED AS PER SPT #1
NO.:	CITY COMMISSIONERS COMMENTS
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2	

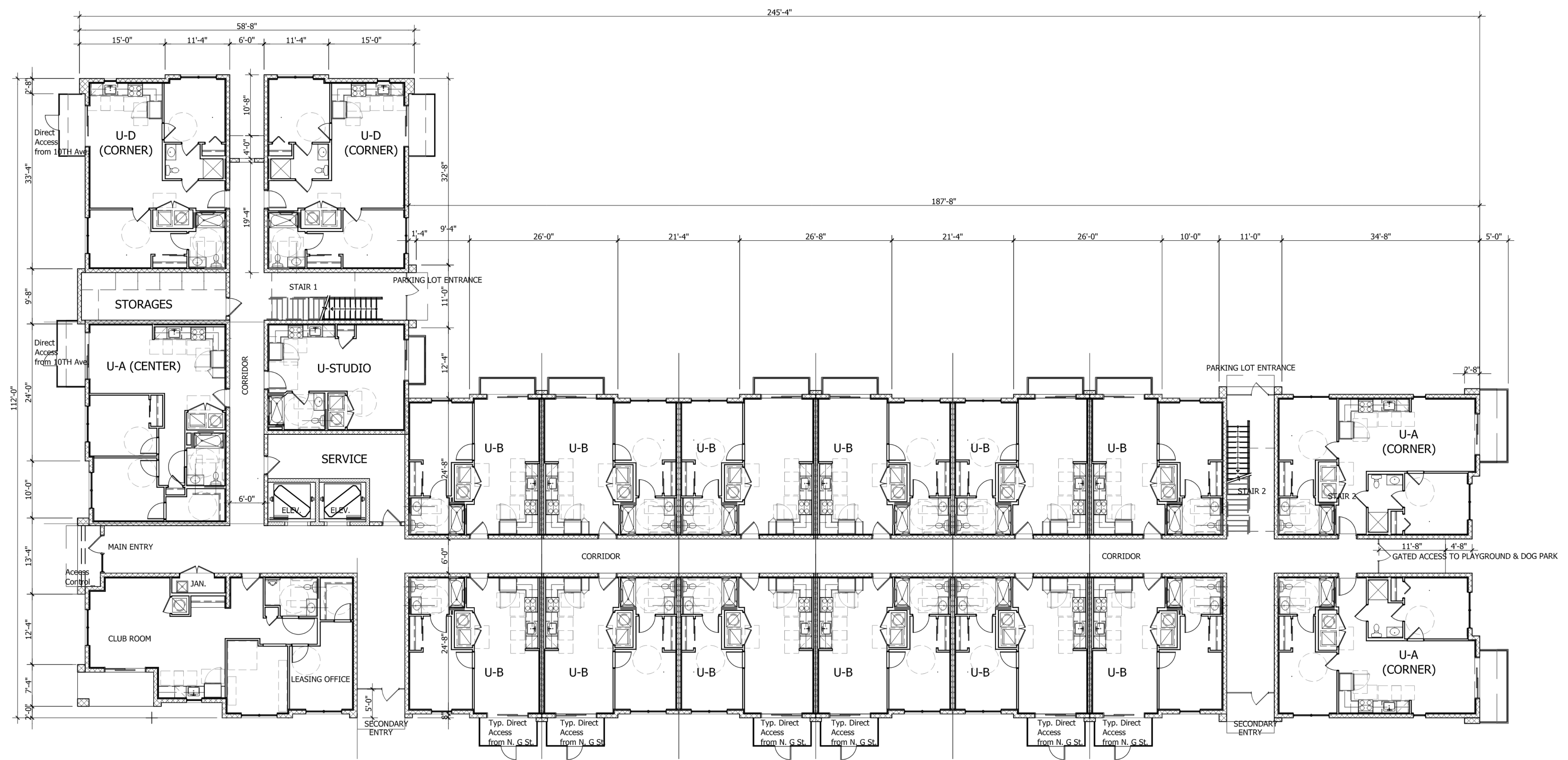
ENTITLEMENT PACKAGE

MASTER PLAN - GR FLOOR
LAKE WORTH STATION
LAKE WORTH, FLORIDA
OAG INVESTMENT 5 LLC

SCALE: AS NOTED
DATE: 04/01/2022

MASTER PLAN - GR FLOOR

A1.00
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1 FLOOR PLAN - GROUND LEVEL
 LWS GROUND FLOOR SCALE: 3/32"=1'-0"

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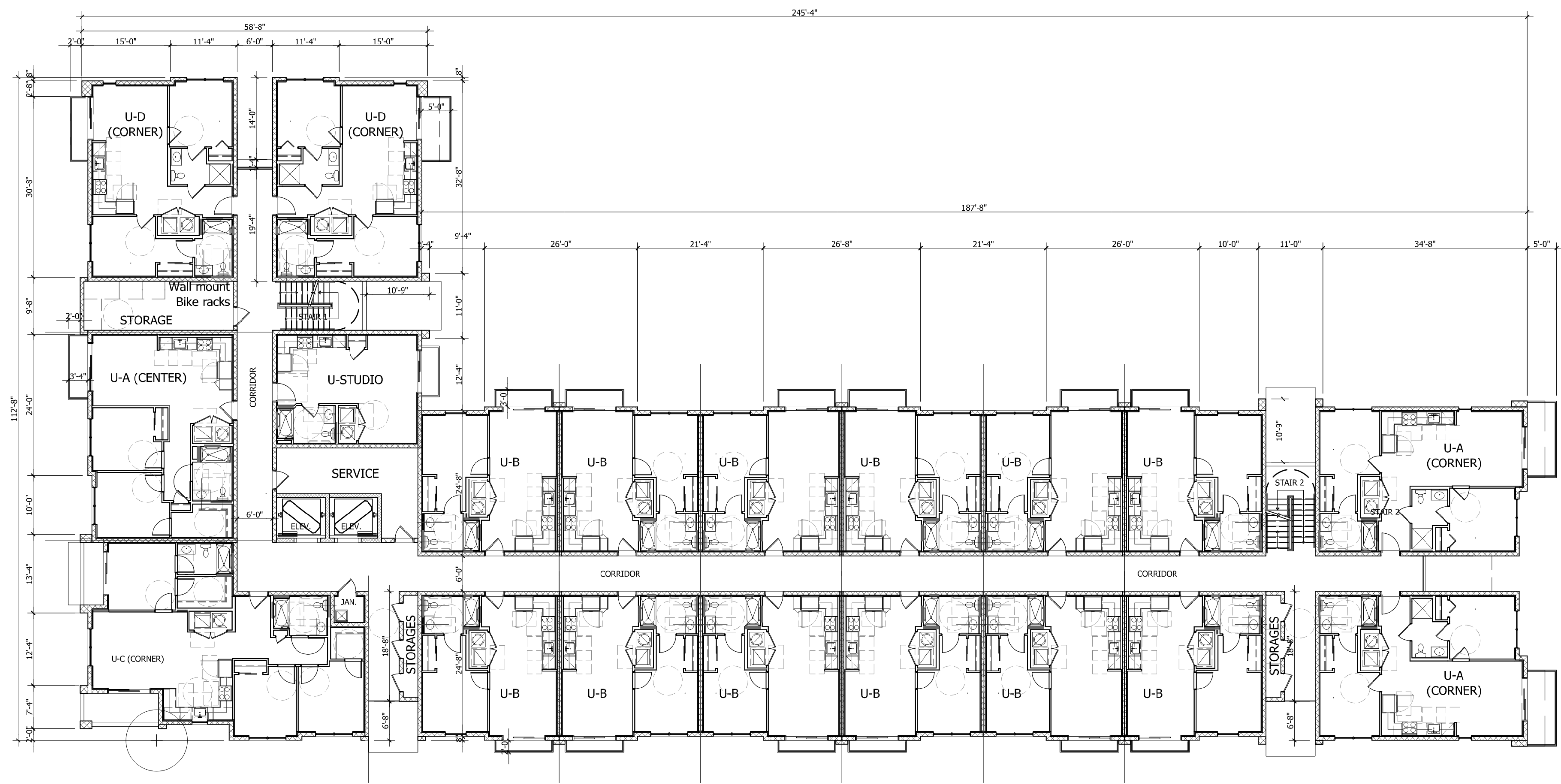
FLOOR PLANS

LAKE WORTH STATION
 LAKE WORTH, FLORIDA
 OAG INVESTMENT 5 LLC

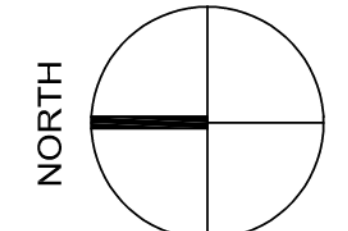
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1 TYPICAL FLOOR PLAN - 2ND TO FOURTH LEVEL
LWS SECOND TO FOURTH FLOOR SCALE: 3/32"=1'-0"



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PROJECT NO.: 1943-02

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ENTITLEMENT PACKAGE

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

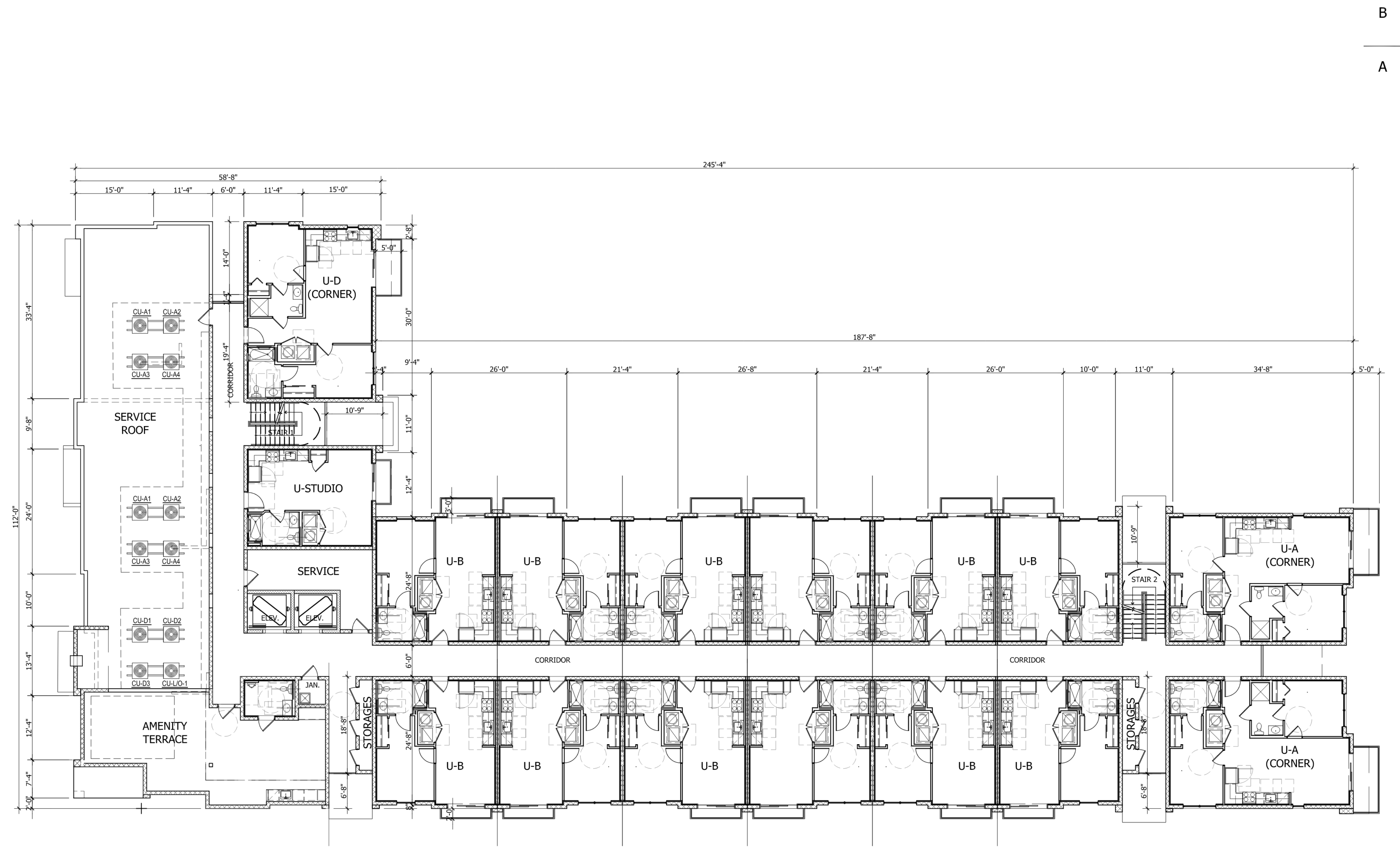
SCALE: AS NOTED
DATE: 04/01/2022

FLOOR PLANS

A2.02
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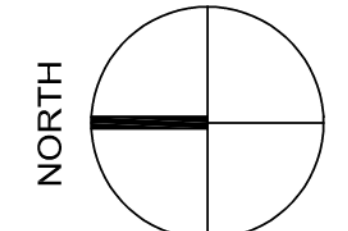
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B
A

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



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ARCHITECTS AND LAND PLANNERS
A PROFESSIONAL CORPORATION

6810 Lyons Technology Circle, Suite 185, Coconut Creek FL 33073
P (954) 428-1618 F (954) 428-4416

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

NO.	REVISION	DATE
1	REVISED AS PER SPT #1	06/15/22
2	CITY COMMISSIONERS COMMENTS	12/07/22

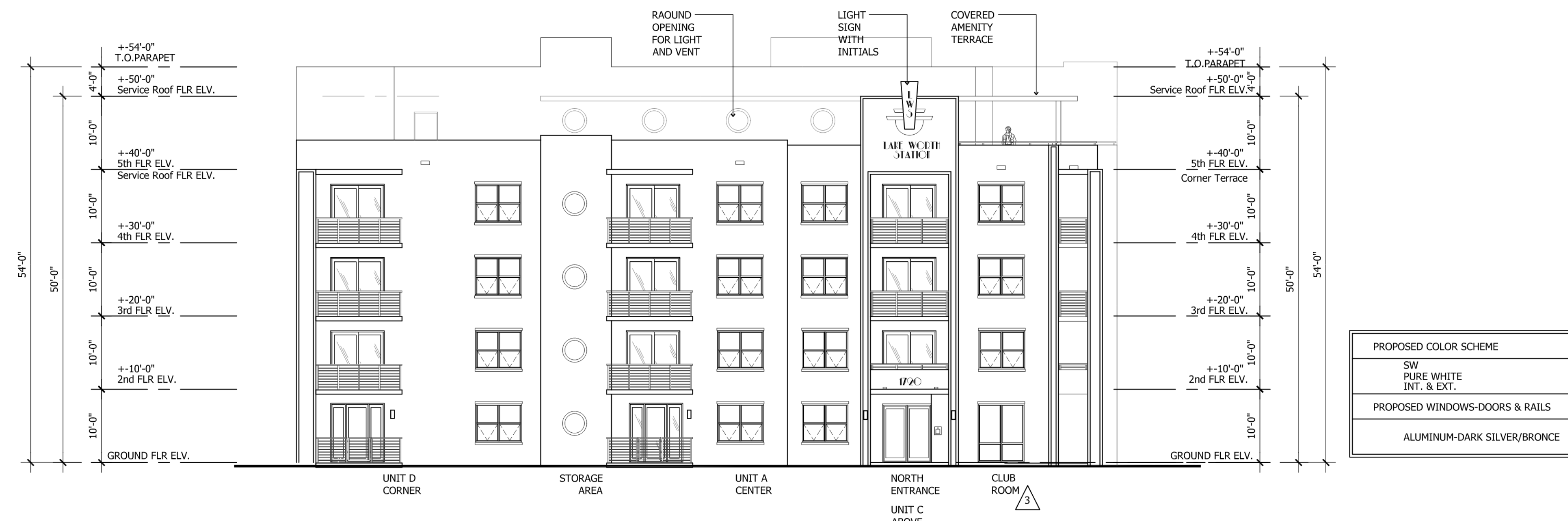
ENTITLEMENT PACKAGE

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

SCALE: AS NOTED
DATE: 04/01/2022

FLOOR PLANS

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1 NORTH ELEVATION
 LWS ELEVATIONS SCALE: 3/32"=1'-0"



2 WEST ELEVATION
 LWS ELEVATIONS SCALE: 3/32"=1'-0"

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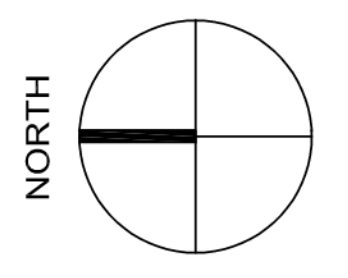
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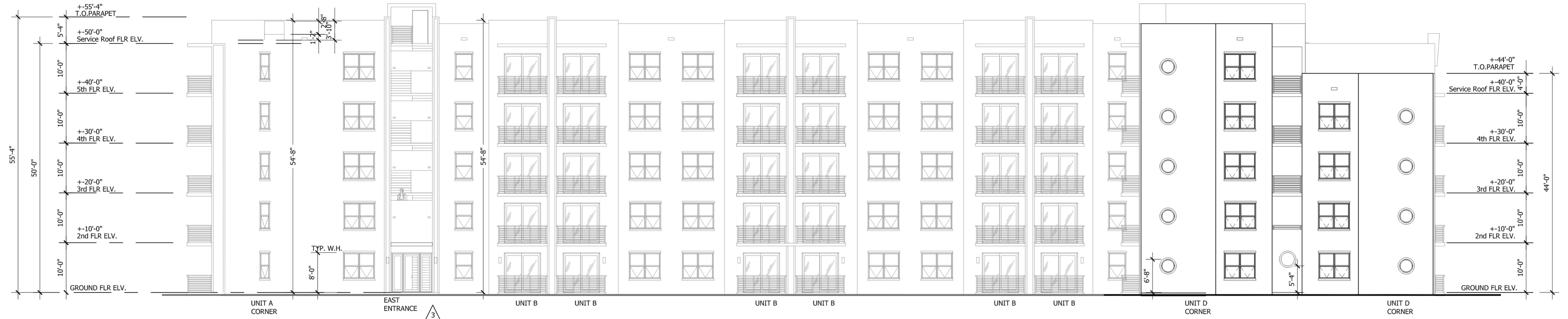
ENTITLEMENT PACKAGE

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

SCALE: AS NOTED
 DATE: 04/01/2022

UNIT PLANS

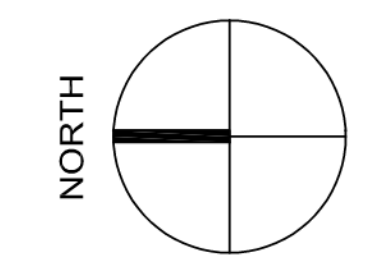




1 EAST ELEVATION
LWS ELEVATIONS SCALE: 3/32"=1'-0"



2 SOUTH ELEVATION
LWS ELEVATIONS SCALE: 3/32"=1'-0"



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ENTITLEMENT PACKAGE

UNIT PLANS
LAKE WORTH STATION
LAKE WORTH, FLORIDA
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SCALE: AS NOTED
DATE: 04/01/2022

UNIT PLANS

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 PROJECT NO.: 1943-02

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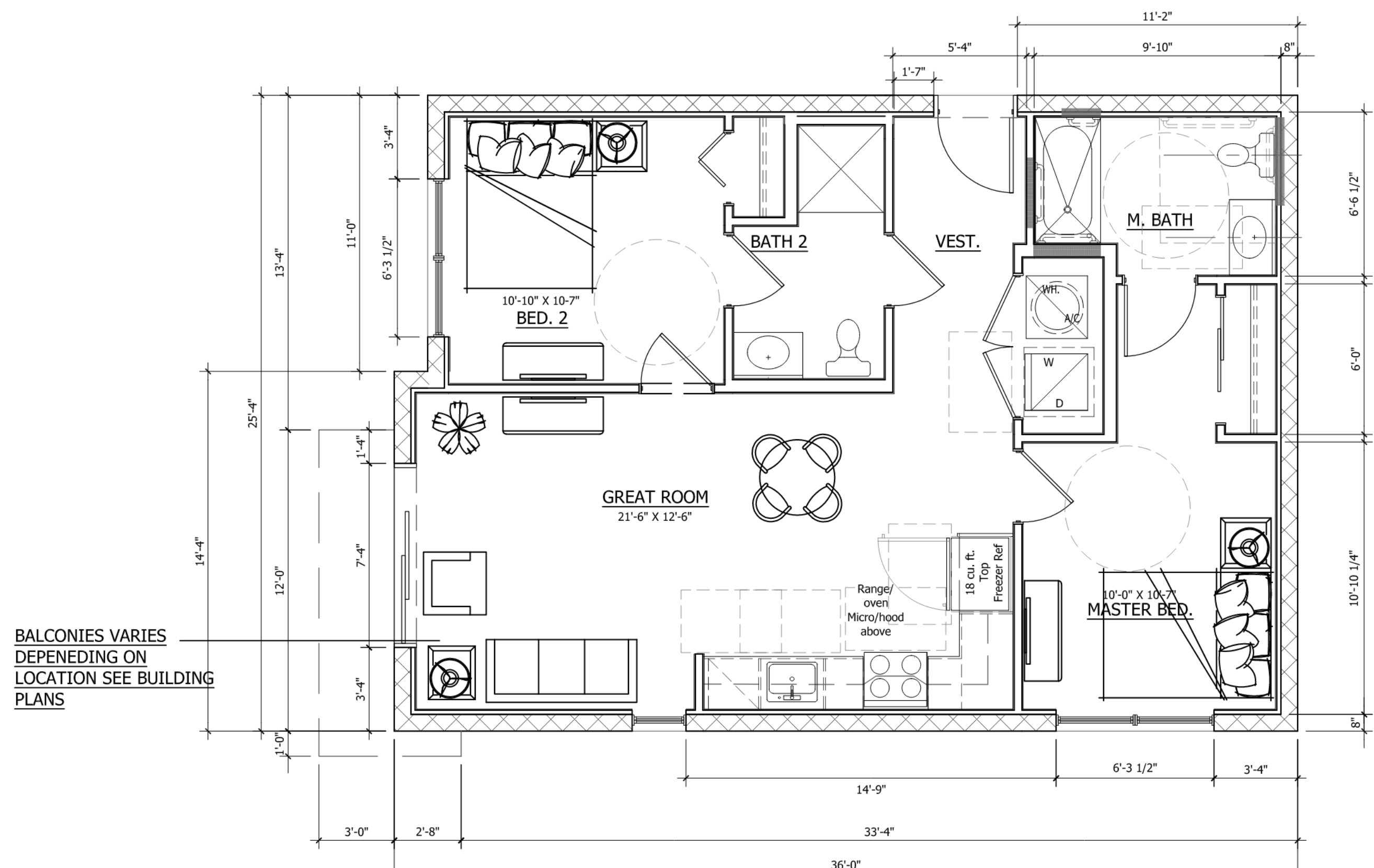
ENTITLEMENT PACKAGE

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

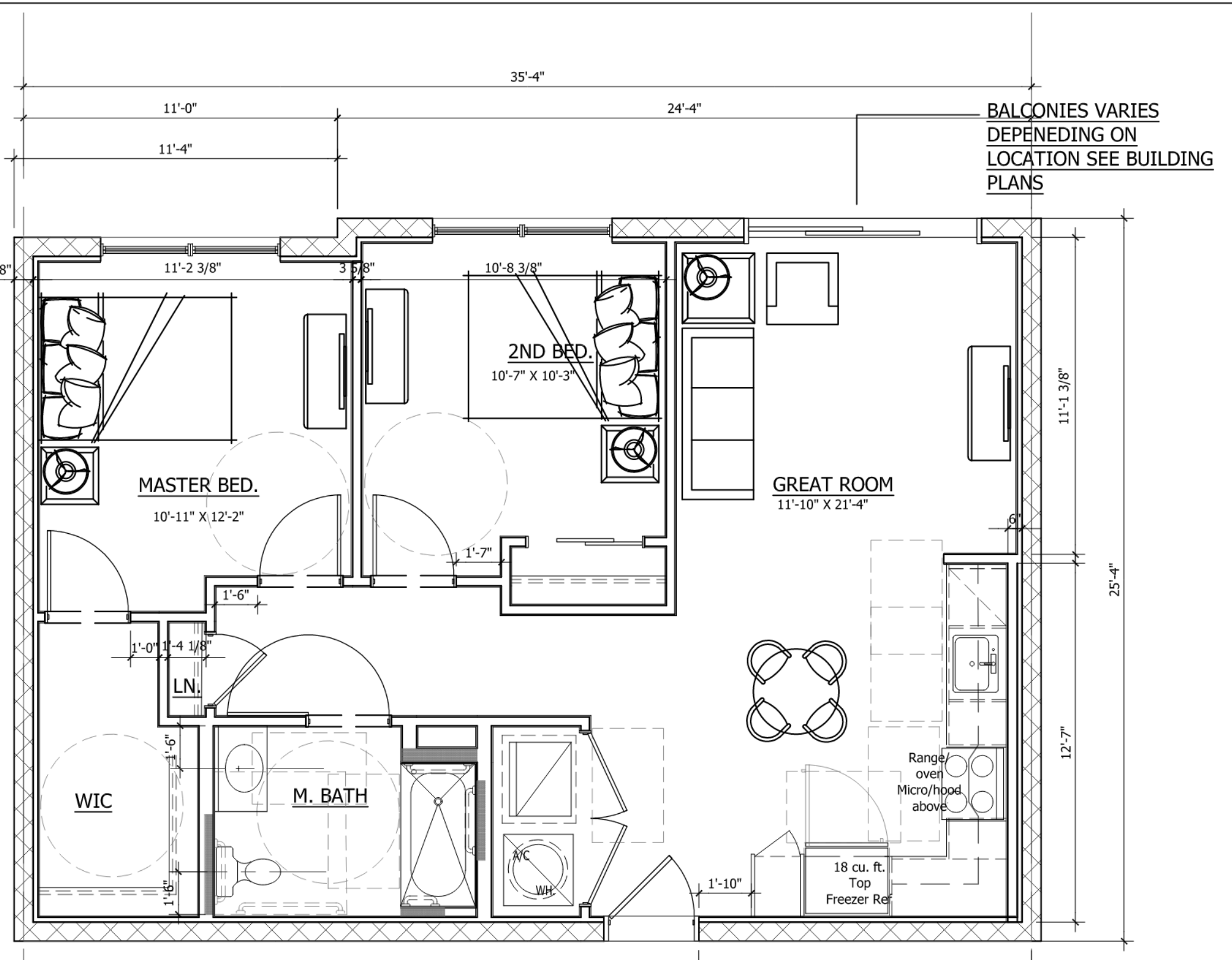
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 DATE: 04/01/2022

UNIT PLANS

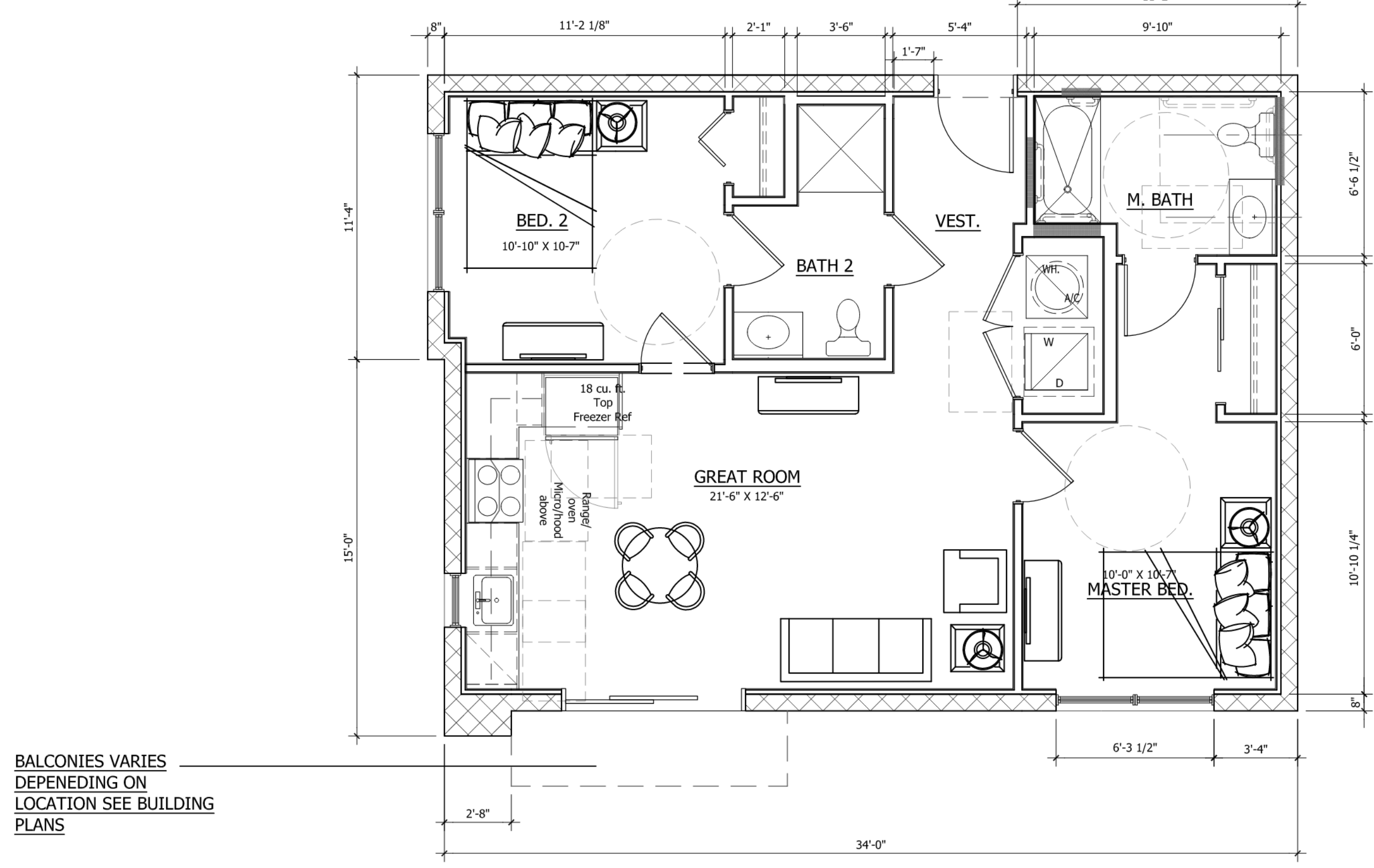
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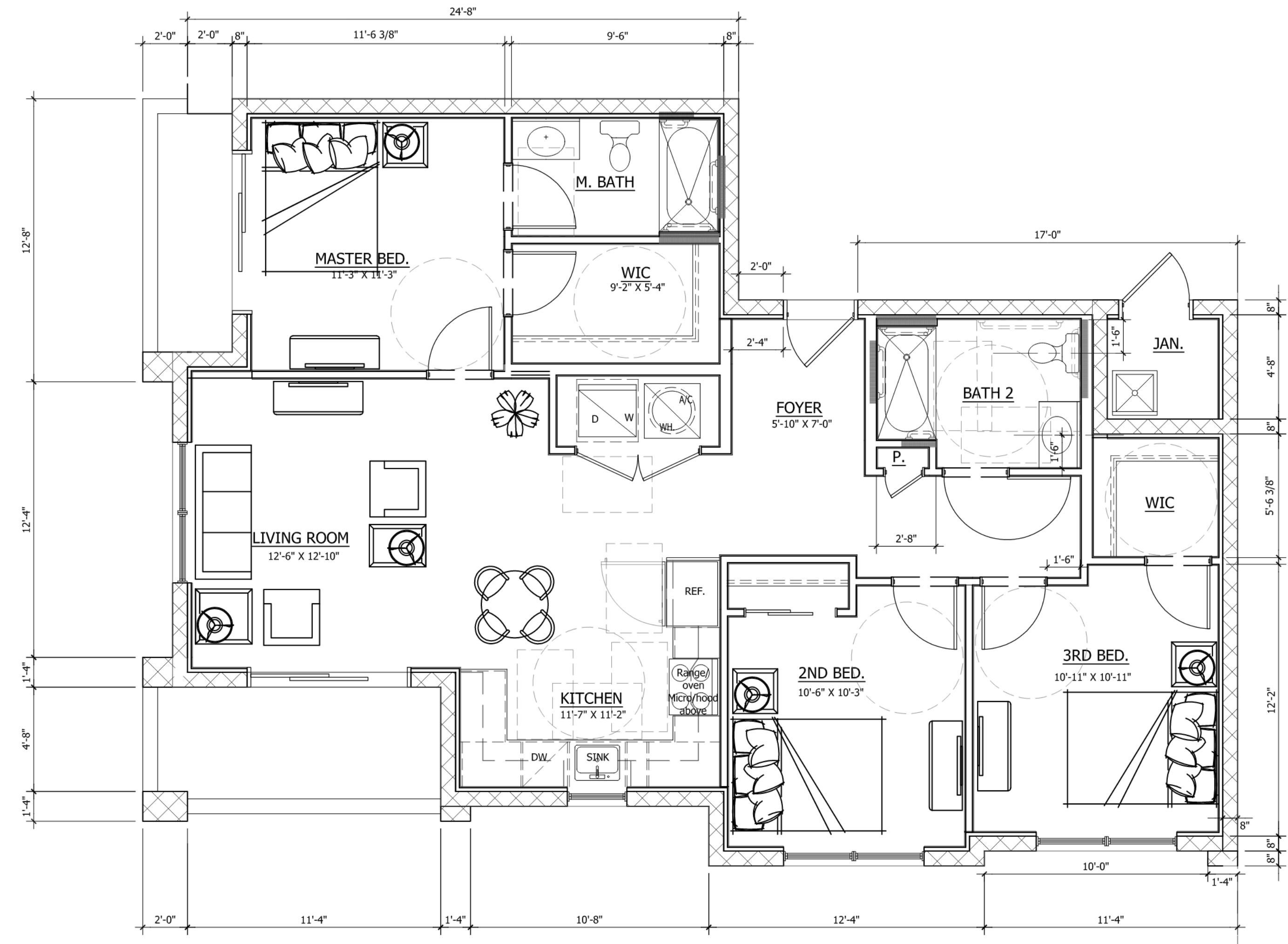
Unit A
2Bed/2b
897 SF
 ① UNIT PLAN - UNIT A 2BED/2BATH 897 a/c SQ FT
 U-A end-corner SCALE: 1/4"=1'-0"



TYPE A
2Bed/1b
888 SF
 ② UNIT PLAN - UNIT A 2BED/1BATH 888 a/c SQ FT
 U-A center SCALE: 1/4"=1'-0"



Unit D
2Bed/2b
872 SF
 ④ UNIT PLAN - UNIT D 2BED/2BATH 872 a/c SQ FT
 U-D end-corner-ALLEY SCALE: 1/4"=1'-0"

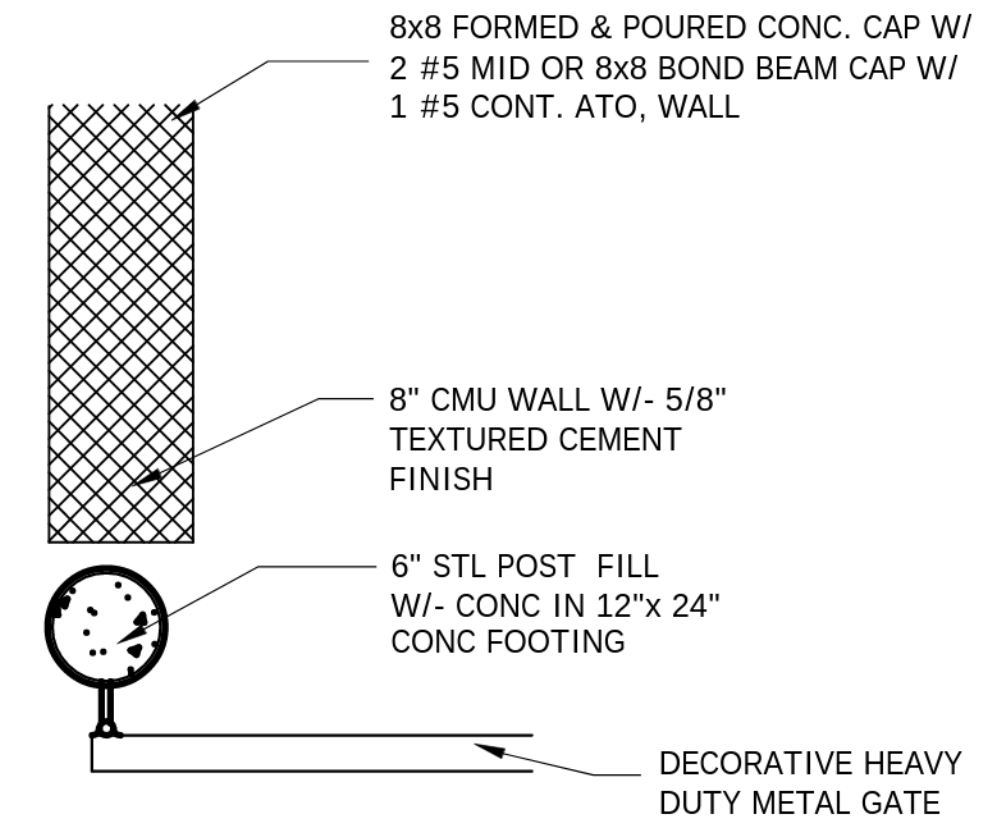


TYPE C
3Bed/2b
1,232 SF
 ③ UNIT PLAN - UNIT C 3BED/2BATH 1,232 a/c SQ FT
 U-C corner SCALE: 1/4"=1'-0"

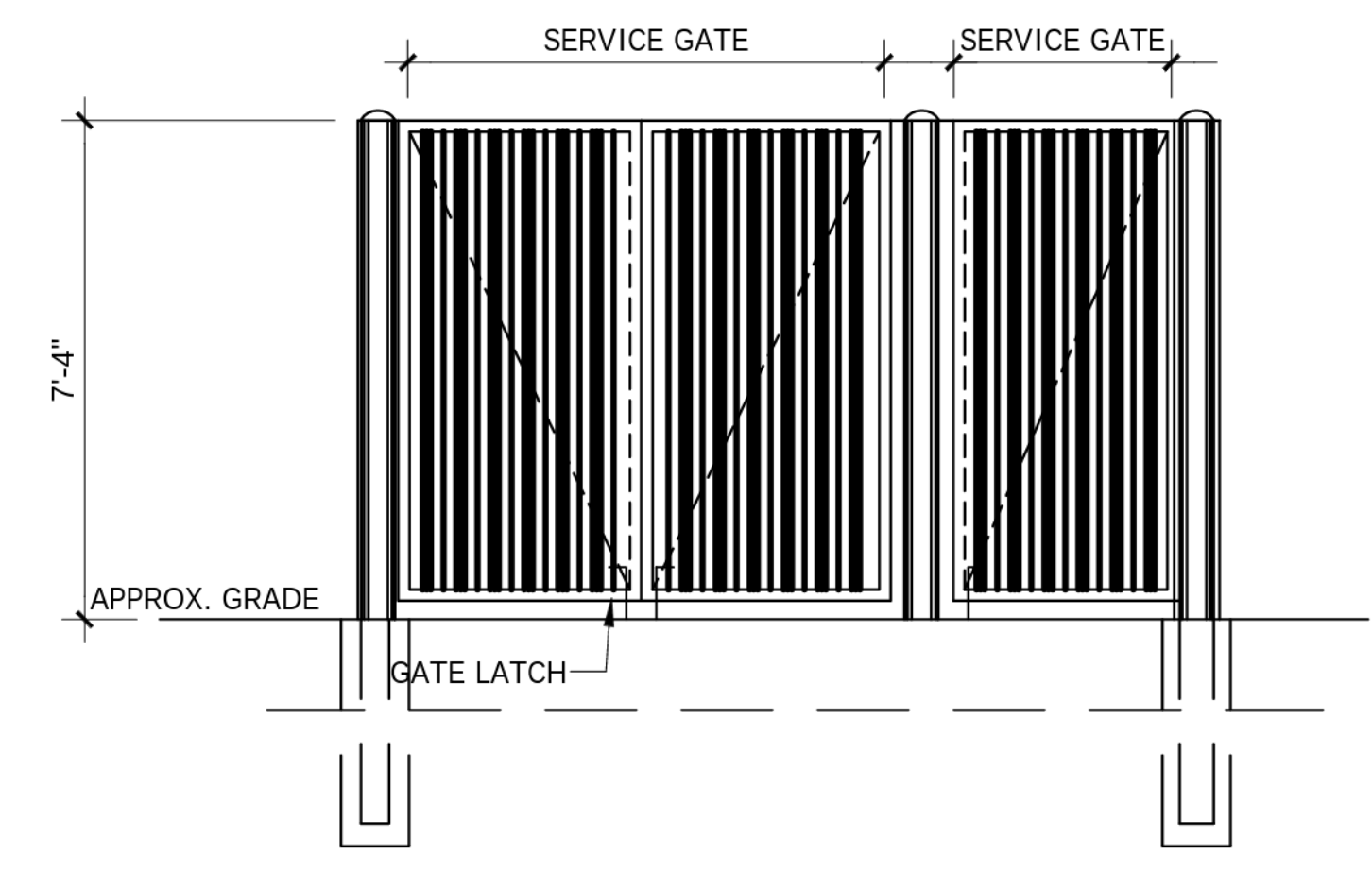
BALCONIES VARIES DEPENDING ON LOCATION SEE BUILDING PLANS

BALCONIES VARIES DEPENDING ON LOCATION SEE BUILDING PLANS

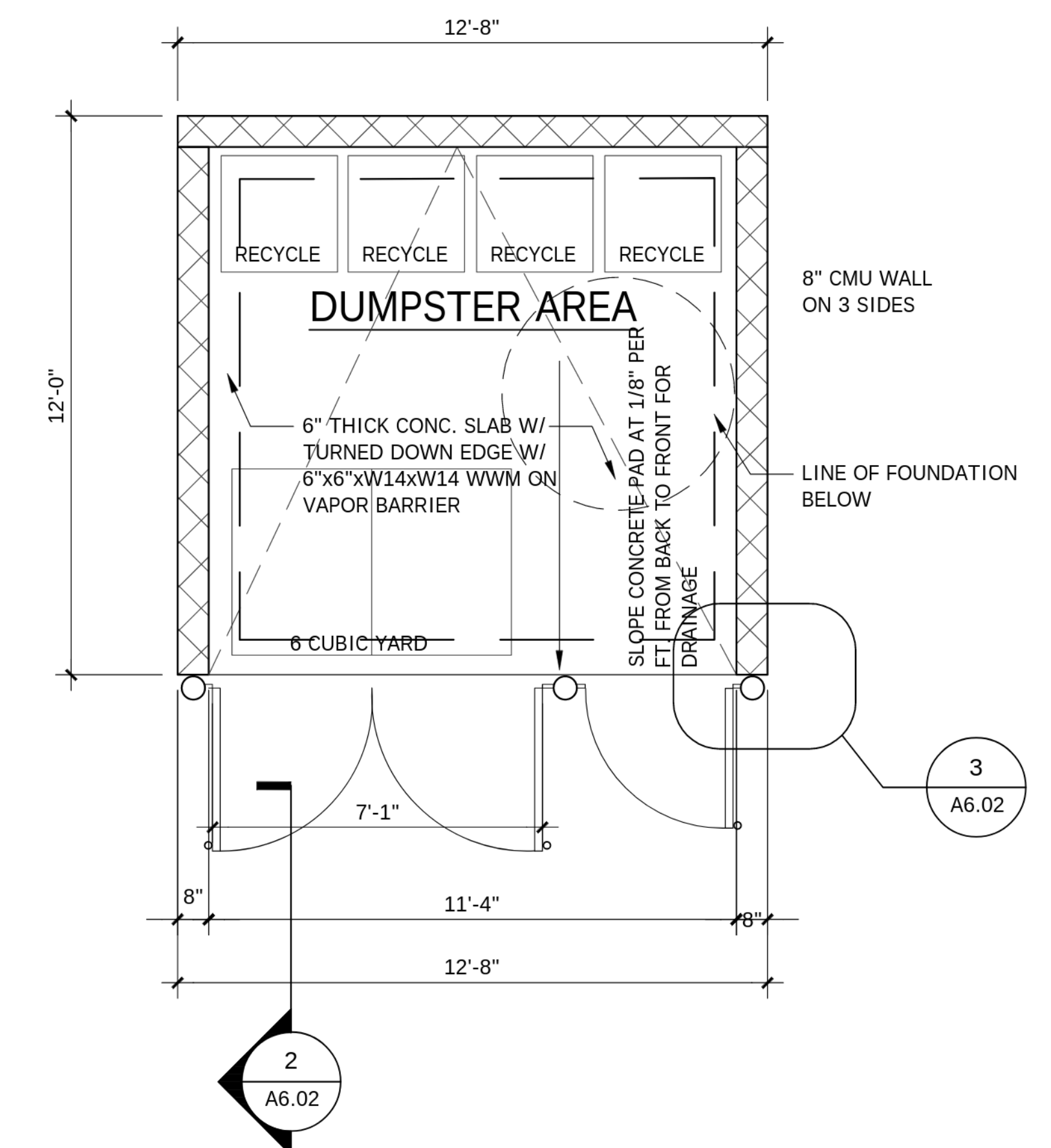
BALCONIES VARIES DEPENDING ON LOCATION SEE BUILDING PLANS



3 DUMPSTER DOOR DETAIL
SCALE: NOT TO SCALE



2 DUMPSTER ELEVATION
SCALE: 3/8"=1'-0"



2 DUMPSTER FLOOR PLAN
SCALE: 3/8"=1'-0"

P.A.: James M. Riviello
P.M.: A. Garcia
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PROJECT NO.: 1943-02

NO.	REVISION	DATE
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2	CITY COMMISSIONERS COMMENTS	12/07/22

ENTITLEMENT PACKAGE

ENLARGEMENT

LAKE WORTH STATION
LAKE WORTH, FLORIDA
OAG INVESTMENT 5 LLC

SCALE: AS NOTED
DATE: 04/01/2022

ENLARGEMENT

A6.02

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LEGEND

- LARGE SHADE TREE
- MEDIUM TREE
- SMALL TREE
- LARGE PALM
- SMALL PALM
- NUMBER OF EXISTING TREE/PALM TO REMAIN OR BE RELOCATED
- HEDGE
- SHRUBS & GROUNDCOVERS
- SOD

GRAPHIC SCALE
 NORTH 0 20' 40' 80'
 Scale: 1" = 20'-0"
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 www.amstudio.com
 LC2000098

Rev	Date	Description
1		
2		
3		
4		
5		
6		

Sheet Title:
ILLUSTRATIVE SITE PLAN

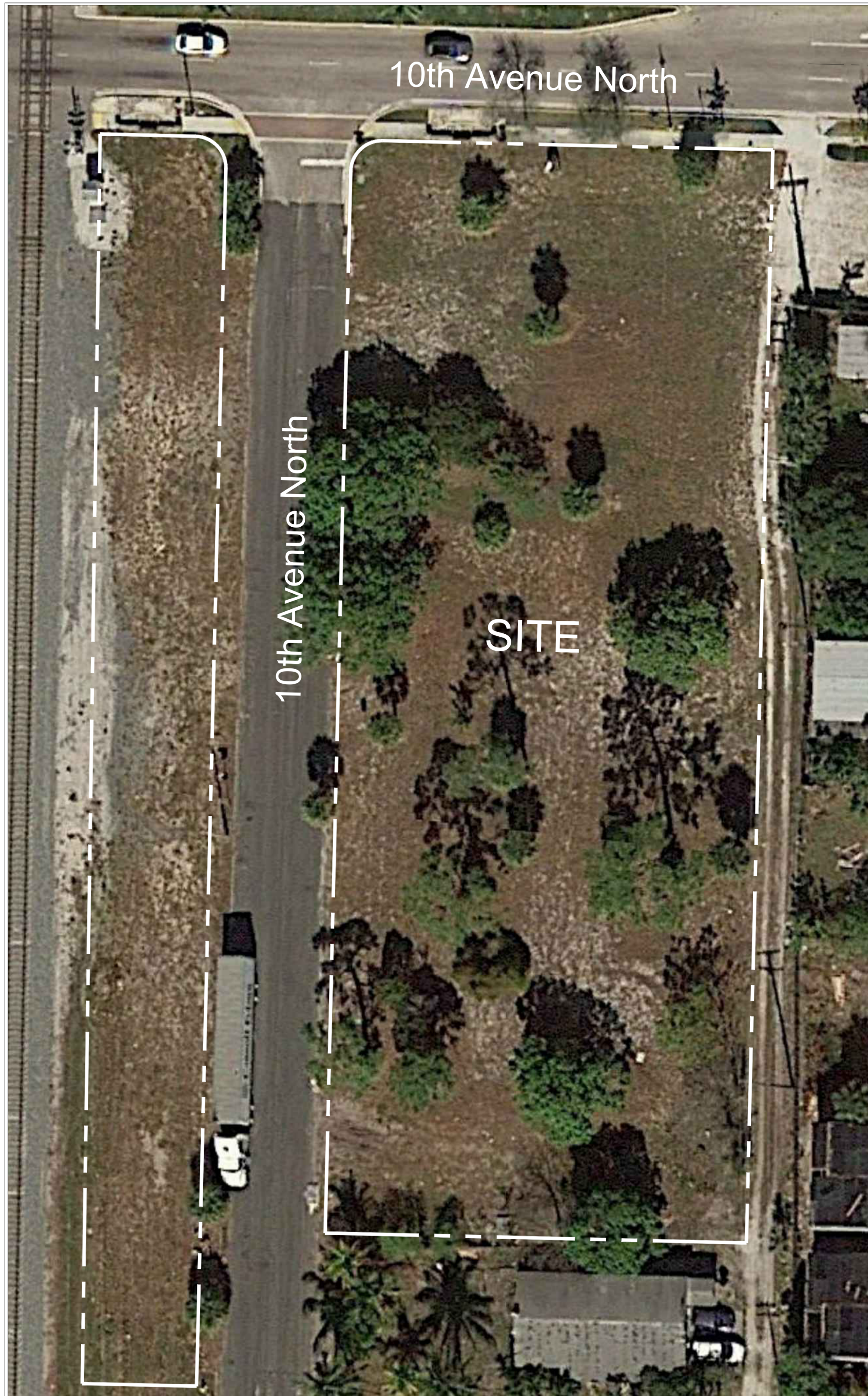
Project Name:
LAKE WORTH STATION
 10th Ave. North & North G St.
 Lake Worth, FL 33460

ANDRES MONTERO P.L.A. ASLA
 SEAL / SIGNATURE
 STATE OF FLORIDA
 REGISTRATION LA696973

Date: DECEMBER 7, 2022
 Scale: 1" = 20'-0"
 Drawn By: AEM/MEP/GMP
 Approved By: AEM
 Project No: 202206

Sheet Number:
L-00

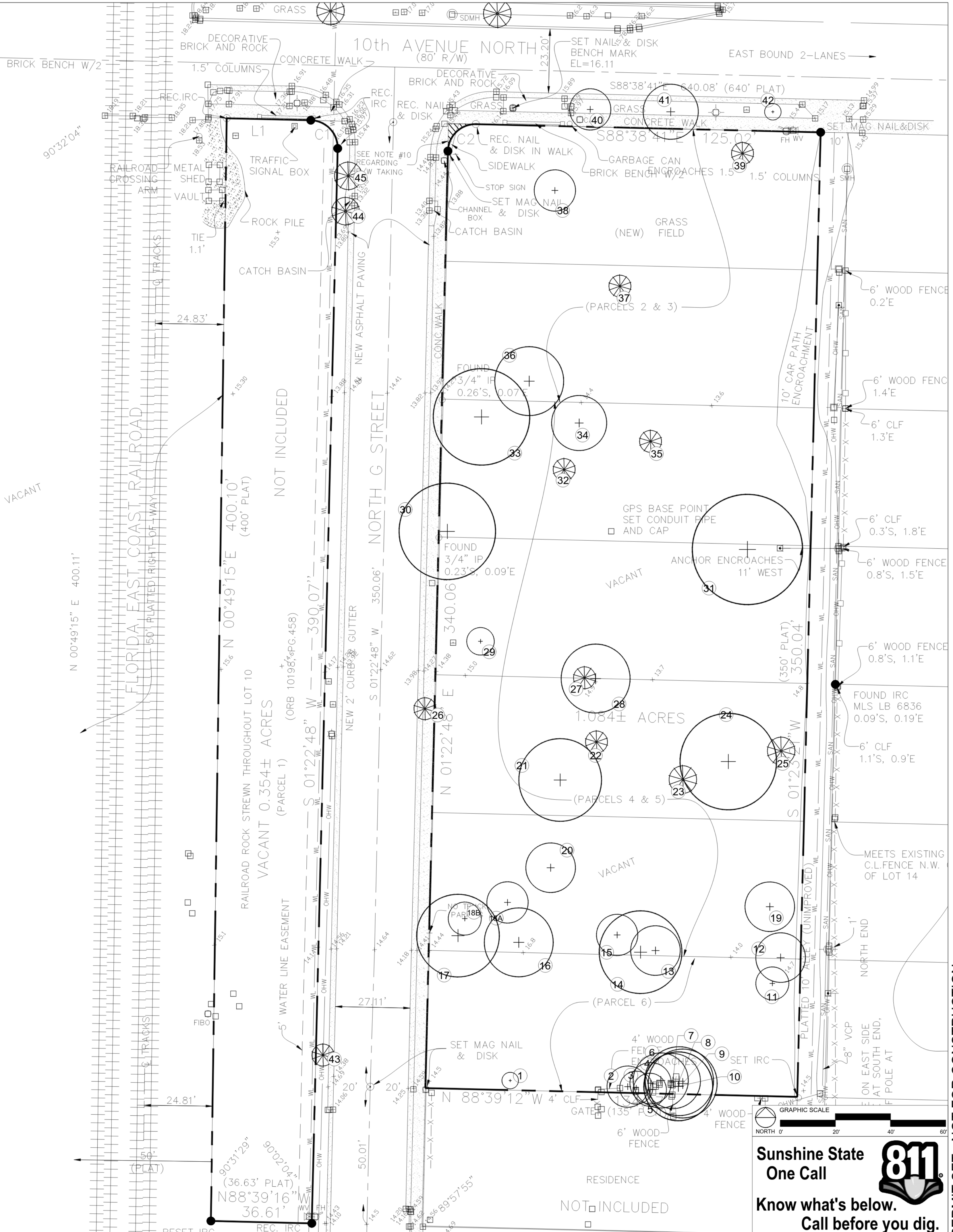
PERMIT SET - NOT FOR CONSTRUCTION



10th Avenue North

10th Avenue North

SITE



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1		
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3		
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Sheet Title:
SITE AERIAL & PROPERTY SURVEY

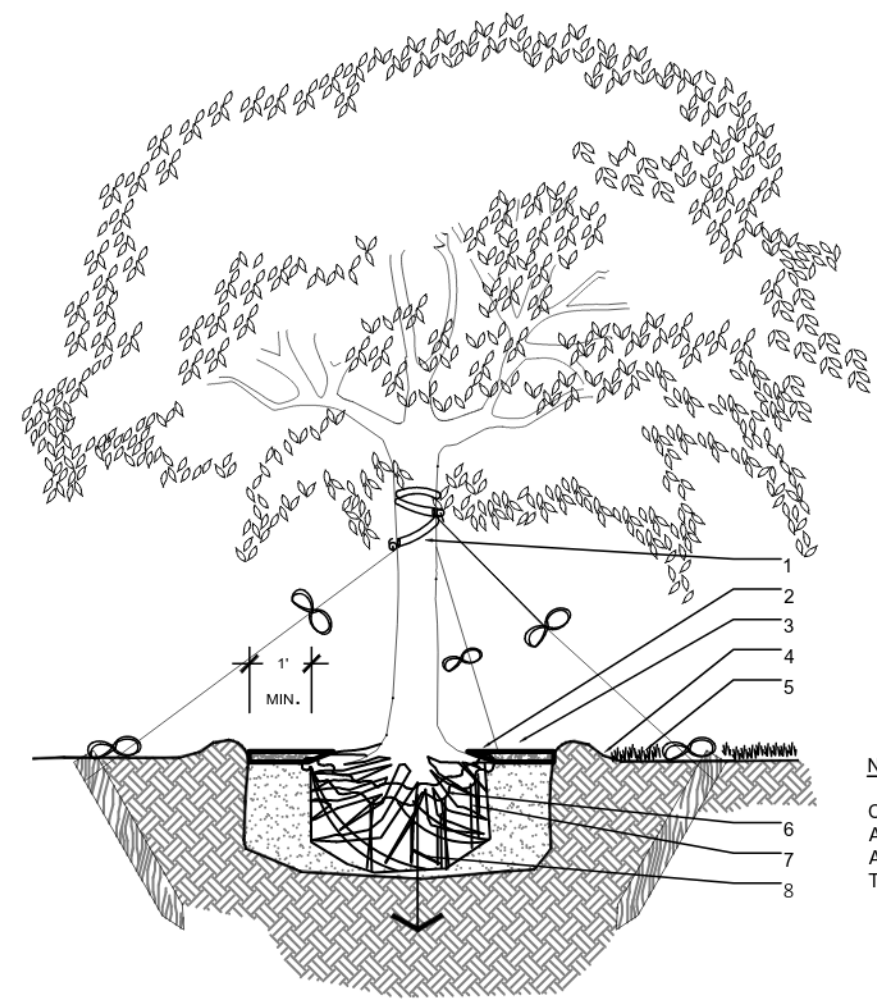
Project Name:
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 10th Ave. North & North G St.
 Lake Worth, FL 33460

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 ANDRES MONTERO P.L.A. ASLA
 STATE OF FLORIDA
 REGISTRATION LA9696973

Date: DECEMBER 7, 2022
 Scale: 1" = 20'-0"
 Drawn By: AEM/MEP/GMP
 Approved By: AEM
 Project No: 202206

Sheet Number:
L-01

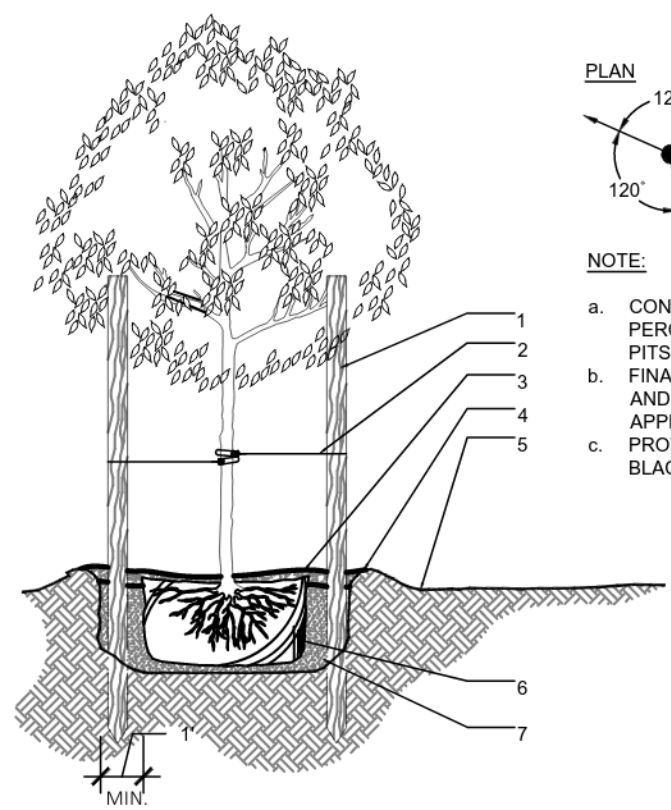
PERMIT SET - NOT FOR CONSTRUCTION



NOTE:
CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

- LEGEND
- 2" NYLON STRAPPING WRUBBER HOSE-WRAPPED 360 AROUND TRUNK BEFORE TYING- WRAP @ LATERAL BRANCH
 - 3" MULCH AS SPECIFIED MIN. 24" FROM TRUNK
 - SOIL BERM TO HOLD WATER.
 - 2"x4"x3" STAKES BURIED 3" BELOW FINISHED GRADE.
 - FINISHED GRADE - SOD CONDITION (SEE GRADING PLAN).
 - B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
 - PREPARED PLANTING SOIL AS SPECIFIED.
 - AUGER PER SPECS FOR PERCOLATION

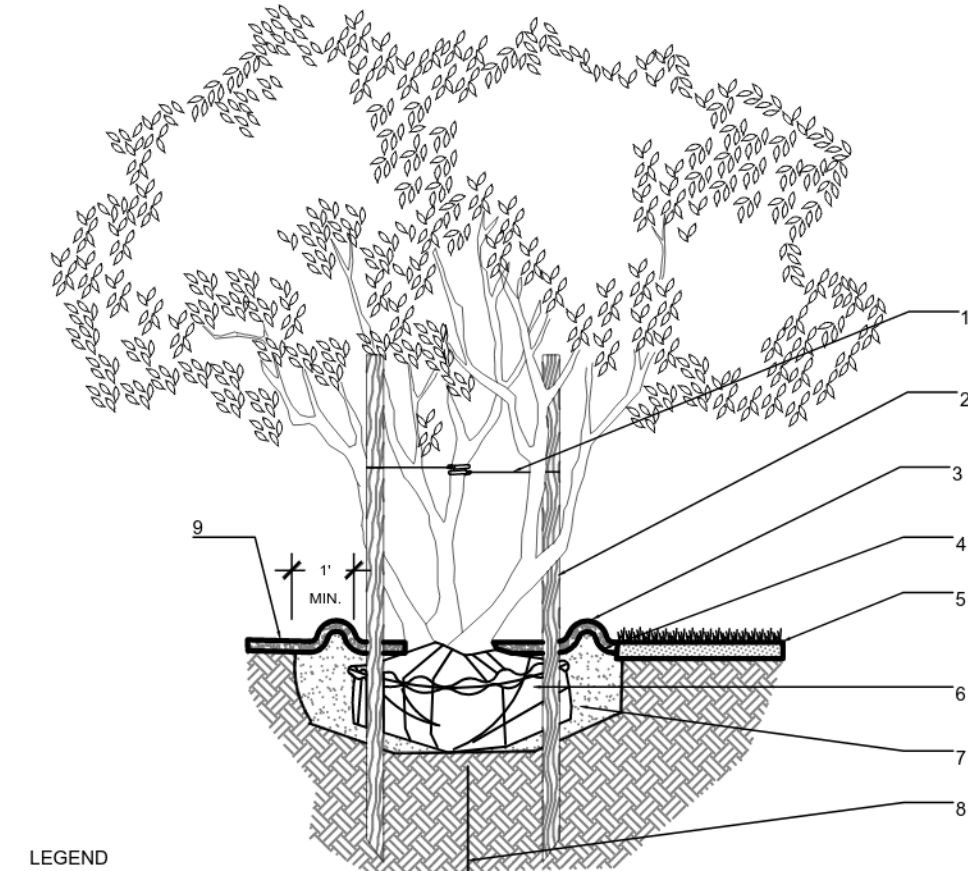
2 LARGE TREE SECTION d-Large tree.dwg SCALE: N.T.S



NOTE:
a. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
b. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY L.A.
c. PROTECT TREE TRUNK WITH BLACK RUBBER HOSE

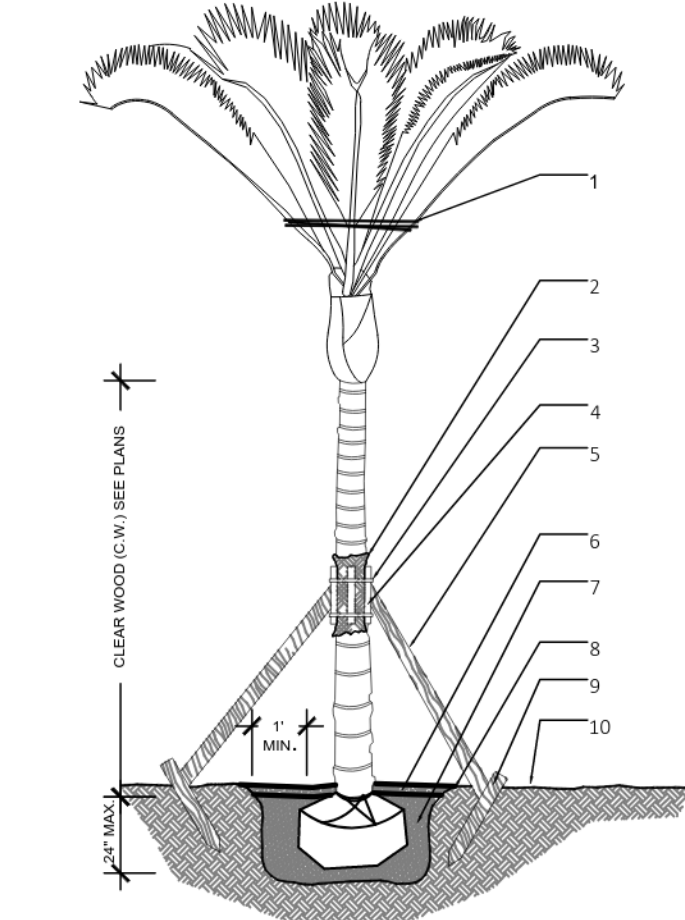
- LEGEND
- THREE 2"x4"x3" STAKES SPACE EVENLY AROUND TREE PAINTED BROWN.
 - #10 GAUGE WIRE.
 - 3" MINIMUM OF MULCH.
 - SOIL BERM TO HOLD WATER.
 - FINISHED GRADE (SEE GRADING PLAN).
 - B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
 - PREPARED PLANTING SOIL AS SPECIFIED.

3 SMALL TREE SECTION d-Small tree.dwg SCALE: N.T.S



- LEGEND
- 2" NYLON STRAPPING
 - THREE 2"x4"x3" STAKES
 - 3" MULCH AS SPECIFIED
 - SOIL BERM TO HOLD WATER.
 - FINISHED GRADE - SOD CONDITION (SEE GRADING PLAN).
 - B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
 - PREPARED PLANTING SOIL AS SPECIFIED
 - AUGER PER SPECS FOR PERCOLATION
 - MULCH CONTINUES - SHRUB BED CONDITION

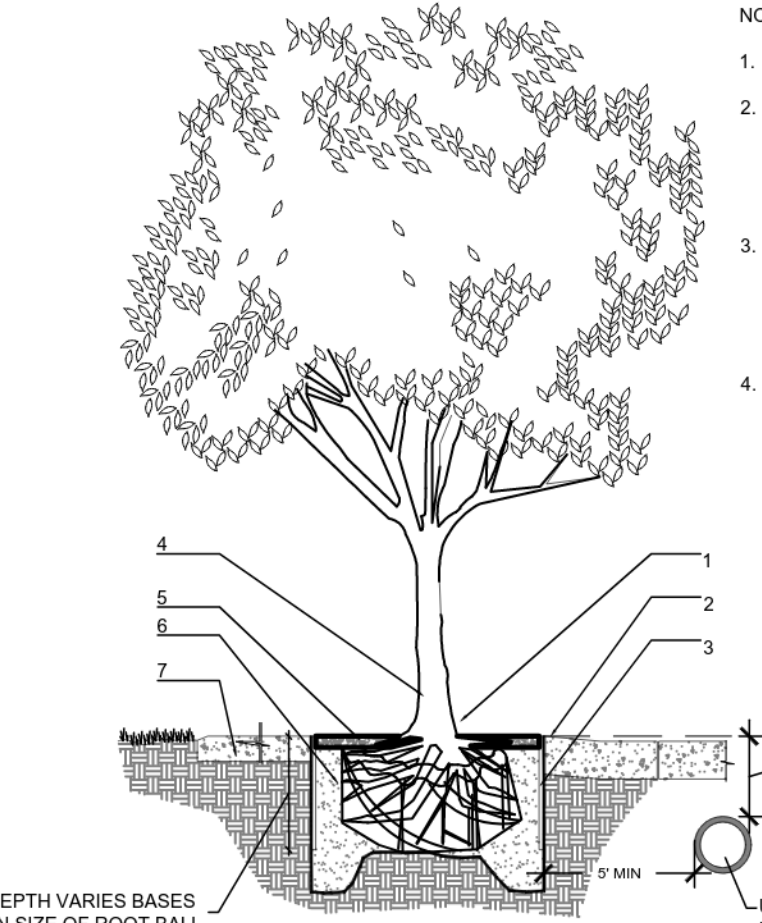
4 MULTI-TRUNK TREE SECTION d-Multi-trunk tree.dwg SCALE: N.T.S



NOTES:
1. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY LANDSCAPE ARCHITECT
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

- LEGEND
- PRUNE AND TIE FRONDS WITH HEMP TWINE.
 - TWO LAYERS OF BURLAP TO PROTECT TRUNK.
 - TWO STEEL BANDS TO SECURE BATTONS.
 - THREE 2" X 4" X 18" WOOD BATTONS.
 - 2"x4"x4" LUMBER POLE BRACES, NAIL (DRILL AND NAIL IF NECESSARY) TO BATTONS & 2" X 4" STAKES. FLAG AT MIDPOINT.
 - 3" MIN. MULCH- SEE SPECIFICATIONS.
 - PREPARED PLANTING SOIL AS SPECIFIED. PALMS SHALL BE PLANTED WITH THE TOP OF ROOTBALL AT FINISHED GRADE.
 - BERM SOIL TO HOLD WATER.
 - 2" X 4" X 3" WOOD STAKES.
 - FINISH GRADE

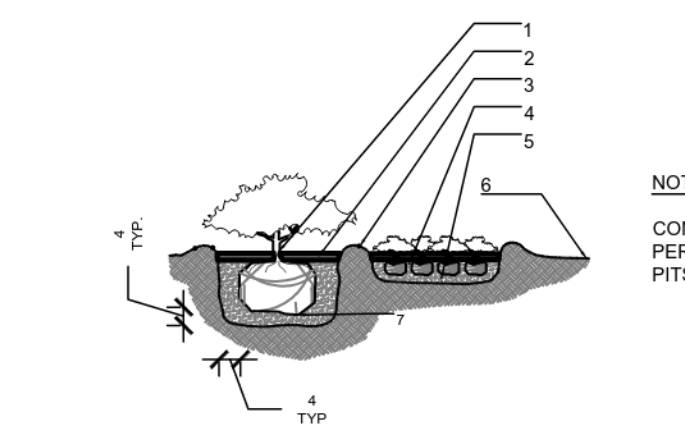
5 SMALL PALM SECTION d-Small palm.DWG SCALE: N.T.S



NOTES
1. ALL ROOT BARRIERS SHALL BE 5' MINIMUM FROM ALL CITY FACILITIES.
2. THE INSTALLATION OF ROOT BARRIERS SHALL BE COORDINATED WITH CITY AND INSPECTED BY CITY PRIOR TO BACKFILLING. ALL ROOT BARRIERS SHALL EXTEND UP TO FINISHED GRADE.
3. ROOT BARRIERS SHALL BE MINIMUM 36" DEEP. APPROVED PRODUCTS INCLUDE "DEEP ROOT" AND "ROOT SOLUTIONS". FLEXIBLE BARRIERS SHALL BE 36" PANELS MANUFACTURED BY BIOBARRIER.
4. ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.

- LEGEND
- SET ROOT-TRUNK COLLAR FLUSH 1" ABOVE FINISHED GRADE.
 - SIDEWALK OR PAVERS.
 - 18" ROOT BARRIER. EXTEND A MINIMUM 6" IN BOTH DIRECTION FROM THE CENTERLINE OF THE TREES.
 - CENTER TREE IN PLANTER OPENING.
 - MULCH.
 - BACKFILL WITH TOPSOIL OR AMENDED TOPSOIL.
 - CONCRETE SIDEWALK.

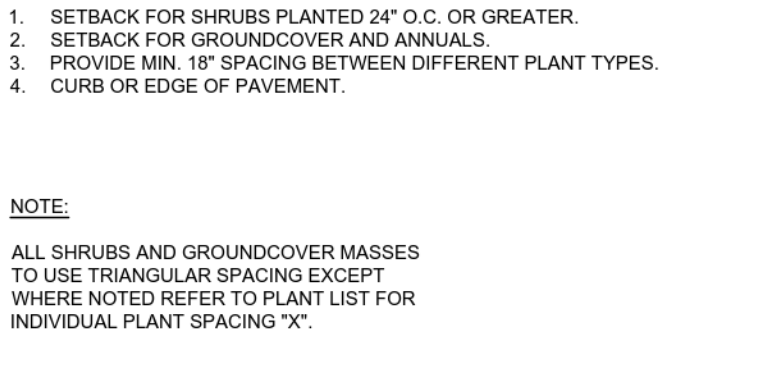
6 ROOT BARRIER INSTALLATION d-2006-Root barrier.dwg SCALE: N.T.S



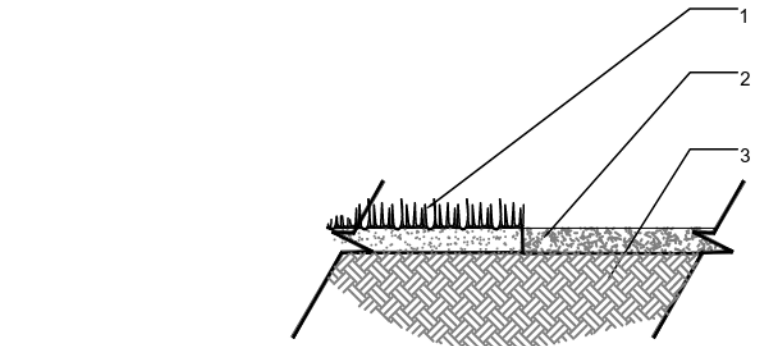
NOTE:
CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

- LEGEND
- PLANT MATERIAL SHALL BE PLANTED 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOT BALL.
 - 3" MINIMUM OF MULCH
 - SOIL BERM TO HOLD WATER
 - MINIMUM DEPTH OF 12" PLANTING SOIL FOR GROUNDCOVER BED
 - EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
 - FINISHED GRADE (SEE GRADING PLAN)
 - PREPARED PLANTING SOIL AS SPECIFIED.
- NOTE: WHEN GROUNDCOVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE EXCAVATED TO RECEIVE PLANTING SOIL & PLANT MATERIAL, UNLESS NOTED OTHERWISE.

7 SHRUBS & GROUNCOVERS SECTION d-Shrubs and groundcovers.DWG SCALE: N.T.S



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



- LEGEND
- SOD PROVIDE CLEAN, SMOOTH EDGE BETWEEN SOD AND MULCHED AREAS.
 - 3" DECORATIVE MULCH. (SEE SPECIFICATIONS)
 - PLANTING SOIL (FINE RAKED AND FREE OF WEEDS AND OTHER DELETERIOUS MATERIALS. SEE SPECIFICATIONS)

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

GENERAL NOTES

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Plants shall meet size, container, and spacing specifications. Any material not meeting specifications shall be removed and replaced at the contractor's expense.
- All tree and shrub locations shall be approved by Landscape Architect prior to planting.
- The Landscape Contractor shall grade planting beds, as required, to provide positive drainage and promote optimum plant growth.
- 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.
- 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.
- Plant material shall be bid as specified unless unavailable, at which time the Landscape Architect shall be notified in writing of intended changes.
- All questions concerning the plan set and/or specifications shall be directed to the Landscape Architect.
- There shall be no additions, deletions or substitutions without written approval of the Landscape Architect.
- 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.
- All dimensions to be field-checked by the Landscape Contractor prior to landscape material installation. Discrepancies shall be reported immediately to the Landscape Architect.
- 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.
- Existing sod shall be removed as necessary to accommodate new plantings
- All existing trees on site shall be protected from damage during construction - See existing tree protection fence detail.
- Any existing landscape and hardscape areas that are unnecessarily disturbed during the landscape installation shall be restored to original conditions by the Landscape Contractor.
- 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.
- 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
- 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.

GRAPHIC SCALE
NORTH 0' 20' 40' 60'

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www.andresmontero.com
LIC#200008

By:							
Description:							
Rev. Date:	1	2	3	4	5	6	

LANDSCAPE DETAILS & GENERAL NOTES

LAKE WORTH STATION
10th Ave. North & North G St.
Lake Worth, FL 33460

Project Name:
Project No.: 202206
Date: DECEMBER 7, 2022
Scale: 1" = 20'-0"
Drawn By: AEM/MEP/GMP
Approved By: AEM
Project No.: 202206

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