



Arthur Noriega V  
Mayor  
Francis Suarez  
Commissioner, District 1  
Miguel Angel Gabela  
Commissioner, District 2  
Damian Pardo  
Commissioner, District 3  
Joe Carollo  
Commissioner, District 4  
Manolo Reyes  
Commissioner, District 5  
Christine King

City Manager  
Arthur Noriega V



# CITY OF MIAMI

## 1320 MINI PARK

### NEW DOG & FITNESS PARK

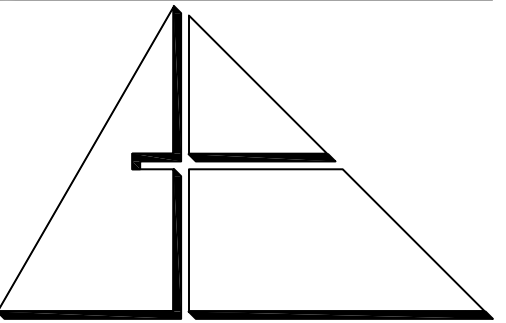
#### PROJECT # B-40571

1320 SW 21 ST,  
MIAMI, FLORIDA 33145

### PERMIT SET, DECEMBER 15, 2023

NUMBER OF PATRONS:  
AVERAGE DAILY USAGE IS 19.1 OR  
APPROXIMATELY 20

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ELECTRICAL		
E 000	ELECTRICAL NOTES, LEGENDS, & SCHEDULES	
ES 100	ELECTRICAL SITE PLAN	



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A A C 0 0 2 7 4 6

CONSULTANTS:  
LANDSCAPE ARCHITECTS:  
**CURTIS ROGERS +  
DESIGN STUDIO**  
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SOUTH MIAMI, FLORIDA, 33143  
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CIVIL ENGINEER:  
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MEP ENGINEER:  
**FRAGA ENGINEERS**  
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TEL: (305) 444-8210

FITNESS EQUIPMENT:  
**GREEDFIELDS OUTDOOR  
FITNESS, INC**  
2617 W. WOODLAND DR,  
ANAHEIM, CA 92801  
PH 888.315.9037 FAX: 866.308.9719

PROJECT:  
**1320 MINI PARK  
NEW DOG & FITNESS  
PARK**  
1320 SW 21st, MIAMI,  
FLORIDA, 33145  
CONTACT: RICARDO RODRIGUEZ  
CITY PROJECT MANAGER  
PARKS DEPARTMENT  
PHONE: 305-416-1359

DRAWING TITLE:  
**TITLE  
SHEET**

SEAL:

ANA ALLEGUEZ, P.E.  
LICENSE NO. 14190  
DATE: DECEMBER 15th, 2023

REVISED: 01/31/2024 PERM. & PLAN UPDATE

PERMIT SET  
CAD DRAWING NAME: g001.dwg  
SHEET NO.

**G001**

**FRAGA ENGINEERS**  
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Outdoor Fitness  
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PH 888.315.9037 FAX: 866.308.9719

**GENERAL NOTES:**

- EXISTING TOPOGRAPHIC AND TREE LOCATION INFORMATION HAS BEEN OBTAINED FROM THE SURVEY PREPARED BY: BISCAYNE ENGINEERING ON 10/03/2023.
- ALL ELEVATIONS REFER TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD-29).
- FLOOD CRITERIA ELEVATION IS 11.55 FEET NGVD-29 BASED ON MIAMI DADE COUNTY FLOOD CRITERIA MAPS. OCTOBER WATER LEVEL 2.17 FEET NGVD-29
- IN ACCORDANCE WITH THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) No.: 12086C0314, SUFFIX L, COMMUNITY NAME: CITY OF MIAMI, COMMUNITY No.: 120650 (REVISED SEPTEMBER 11, 2009), THIS PROJECT IS LOCATED IN FLOOD ZONE "X".
- ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED HAVE TO BE PROPERLY REFERENCED BY A PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THAT SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR OF REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO THE ENGINEER A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
- ALL MLW BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED AND REFERENCED BY THE CONTRACTOR IN THE SAME WAY AS PUBLIC LAND CORNERS EXCEPT THAT THE LAND SURVEYOR SHALL NOT BE REQUIRED TO RESTORE THE MLW BENCH MARK UPON COMPLETION OF THE WORK. THE CONTRACTOR SHALL PROMPTLY TRANSMIT ALL DISPLACED OR DAMAGED N.G.V.D. DISCS TO THE ENGINEER, WHO WILL NOTIFY THE GEODETIC INFORMATION CENTER.
- ALL REFERENCE POINTS AND BENCH MARKS AS INDICATED ON THE ATTACHED PLANS SHALL BE PRESERVED BY THE CONTRACTOR. PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL REESTABLISH AND MARK THOSE CONTROL POINTS IN A PERMANENT MANNER ON THE SURFACE OF THE COMPLETED WORK. ALL CONTROL POINTS REESTABLISHED AND MARKED SHALL BE CERTIFIED, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR IN A F.D.O.T. FIELD BOOK AND RETURNED TO THE ENGINEER. THE CONTRACTOR SHALL REPAIR ALL DAMAGES INCURRED AS A RESULT OF CONSTRUCTION WORK.
- CONTRACTOR WILL SECURE AND PAY ALL PERMIT FEES FOR THE WORK NECESSARY TO COMPLETE THIS PROJECT. CONTRACTOR SHALL COORDINATE EFFORTS WITHIN THE CITY'S PUBLIC WORKS DEPARTMENT.
- CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER OR OTHER EQUIPMENT) FOR CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO THE WORK. CLEANING AND SWEEPING IS TO BE INCLUDED IN CONTRACTOR'S PRICE AND SHALL BE DONE ON A DAILY BASIS (MIN).
- PERMANENT TURNOUTS AND DRIVEWAYS CONNECTIONS TO PRIVATE PROPERTY THAT LIE OUTSIDE THE LIMITS OF RIGHT-OF-WAY AND WHERE ACCESS RIGHTS HAVE NOT BEEN ACQUIRED SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TURNOUT DETAILS AND STANDARD SPECIFICATIONS FOR THESE PLANS. THE CONTRACTOR SHALL NOT ISOLATE ADJACENT AND/OR THE REMAINDER OF THE PROPERTY UNLESS ACCESS RIGHTS ARE ACQUIRED. ACCESS SHALL BE PROVIDED TO SUCH PROPERTY WHENEVER CONSTRUCTION INTERFERES WITH THE EXISTING MEANS OF ACCESS.
- 48 HOURS PRIOR TO DIGGING CONTRACTOR SHALL COORDINATE WITH ALL UNDERGROUND UTILITY SERVICE COMPANIES TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES, ADDITIONALLY, CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) TO ASSURE THAT ALL UTILITIES HAVE BEEN IDENTIFIED.
- THE CONTRACTOR SHALL NOTIFY THE CITY IN WRITING AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- CONTRACTOR SHALL VERIFY, PHOTOGRAPH AND INVENTORY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, PAVEMENT OR OTHER FEATURES. ANY EXISTING STRUCTURE, PAVEMENT, TREE OR OTHER EXISTING FEATURE THAT IS IN CONFLICT OR DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THE CONTRACT AND PROVIDE COPIES TO THE CITY OF MIAMI AND THE ENGINEER. THEY SHALL BE RESTORED PROMPTLY TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE PROJECT.
- THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION, ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ARCHITECT/ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

- UNDERGROUND UTILITY INFORMATION SHOWN HEREON WAS TAKEN FROM "AS-BUILT" DATA PROVIDED BY THE VARIOUS UTILITY COMPANIES, CITY OF MIAMI, AND SUPPLEMENTED BY FIELD MEASUREMENTS WHEN OBTAINABLE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A PROPER STAGING AREA APPROVED BY THE CITY. STOCKPILING OF MATERIAL IN ROADWAY IS NOT ALLOWED.
- UTILITIES NEEDED TO BE ADJUSTED WILL BE ADJUSTED BY OTHERS. CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING THESE ADJUSTMENTS WITH THE UTILITY COMPANY.
- THE CONTRACTOR SHALL REQUEST THE LOCATION OF ANY WATER, SEWER OR GAS LATERALS NOT SHOWN IN THE PLANS SERVICING PROPERTIES ADJACENT TO THE PROJECT BEFORE EXCAVATING, THE ADDITIONAL COST OF EXCAVATING AROUND THE LATERALS SERVICING SAID PROPERTIES SHALL BE INCLUDED IN HIS BID.
- THE CONTRACTOR IS TO USE CAUTION WHEN WORKING, SPECIALLY IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
- ANY WATER AND SEWER LINES TO BE ADJUSTED SHALL BE APPROVED BY THE MIAMI-DADE DEPARTMENT OF WATER AND SEWER. THE CONTRACTOR SHALL NOTIFY THE CITY OF MIAMI'S CONSTRUCTION DEPARTMENT FOR ANY CONFLICTS DURING CONSTRUCTION FOR ANY IMPROVEMENTS SHOWN ON THE DRAWINGS
- ALL EXISTING ROCK BASE MATERIAL WHICH IS REMOVED IS TO BE INCORPORATED IN THE STABILIZED PORTION OF THE SUBGRADE, AS DIRECTED BY THE ENGINEER.
- NONE OF THE EXISTING ROCK BASE THAT IS REMOVED IS TO BE INCORPORATED INTO THE PROPOSED LIMEROCK BASE
- ALL DISPOSAL OF EXCESS AND UNSUITABLE EXCAVATED MATERIAL, DEMOLITION, VEGETATION, RUBBISH AND DEBRIS SHALL BE MADE OUTSIDE THE LIMITS OF CONSTRUCTION AT A LEGAL DISPOSAL SITE PROVIDED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE, WITH THE PRIOR APPROVAL OF THE ENGINEER. MATERIAL CLEARED FROM THE SITE SHALL NOT BE DEPOSITED ON ADJACENT AND/OR NEARBY PROPERTY.
- ALL EXCESS MATERIALS AS DESIGNATED BY THE ENGINEER ARE TO BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY HIM AND AT THE CONTRACTOR'S EXPENSE.
- ALL DRAINAGE CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF CITY OF MIAMI AND MIAMI-DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER).
- CONTRACTOR IS TO PREVENT DEBRIS OR DIRT FROM ENTERING STORM DRAINAGE SYSTEM AS A RESULT OF CONSTRUCTION ACTIVITIES. ALL LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
- ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RESODDED.
- ALL UNSUITABLE MATERIAL UNDER THE PAVEMENT SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIALS BEFORE PROCEEDING WITH CONSTRUCTION.
- ALL MUCK AND ORGANIC MATERIALS FOUND WITHIN THE CONSTRUCTION OF EXERCISE AREA OR SLABS SHALL BE REMOVED AND REPLACED WITH CLEAN FILL MATERIAL IN 6 INCH LIFTS COMPACTED TO NOT LESS THAN 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE IN ACCORDANCE WITH AASHTO T-180.
- THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF THE SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, EITHER PUBLIC OR PRIVATE, DURING EXCAVATION OF SUBSOIL MATERIAL AND EXFILTRATION TRENCH OR DURING THE FILING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, THE ONLY EXCEPTION WILL BE THE PROTECTION OF UTILITIES. ALL UTILITIES SHALL BE MAINTAINED BY THE OWNER OF THE UTILITY.
- ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY CONTRACTOR AT ANY TIME DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ORIGINAL CONDITION, AT NO EXPENSE TO THE OWNER OR THE CITY OF MIAMI.
- EXISTING CHAIN LINK FENCE, CONCRETE WALL AND METAL FENCE WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED UNLESS OTHERWISE INDICATED.
- EXISTING DRAINAGE STRUCTURES AND STORM SEWER LINE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED OR MODIFIED AS NOTED.
- CONTRACTOR SHALL ADJUST ALL EXISTING VALVES BOXES, CATCH BASINS GRATES, MANHOLES COVERS, ETC. TO MEET NEW GRADES WHERE APPLICABLE.
- ALL VALVES, A.R.V.'S, AND MANHOLES TO BE RAISED AND ADJUSTED TO PROPOSED ROADWAY ELEVATION.
- SODDING TO BE USED AT LOCATIONS WHERE EXISTING LAWNS ARE DISTURBED OR AS DIRECTED BY THE ENGINEER.
- PROPOSED ELEVATIONS SHOWN AT DRAINAGE STRUCTURES REFER TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

- GRADES SHOWN ARE "FINISHED" GRADES.
- ALL TREES ARE TO REMAIN, UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECTS. CONTRACTOR MUST TAKE CARE NOT TO DAMAGE ANY TREE OR PALM WITHIN CONSTRUCTION AREA. SMALL TREES OR PALMS MAY BE RELOCATED AS DIRECTED BY THE CITY OF MIAMI. TREE PERMIT MUST BE OBTAINED PRIOR TO CONSTRUCTION. THERE ARE LARGE TREES WITH EXTENSIVE ROOT NETWORKS ON THE GROUND THAT ARE IMPACTING ADJACENT SIDEWALKS, CURBS AND PAVEMENT. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE WITH AN ARBORIST TO ENSURE THAT ROOT AND TREE PRUNING ACTIVITIES ARE CONDUCTED IN A MANNER THAT IT DOES NOT HARM OR DESTROY THE TREE.
- PRIOR TO REMOVAL AND/OR RELOCATION OF EXISTING TREES, IF REQUIRED, THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE CITY OF MIAMI AS WELL AS D.E.R.M. OTHERWISE CONTRACTOR SHALL PROTECT EXISTING TREES WHERE APPLICABLE WITHIN THE LIMITS OF CONSTRUCTION
- WHERE NEW PAVEMENT MEETS EXISTING CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT. SAW CUT AT EXISTING PAVEMENT JOINT MATCHING TO NEW PAVEMENT.
- PROVIDE A SMOOTH TRANSITION WHERE NEW PAVEMENT, SIDEWALK, OR CURB MEETS EXISTING GRASS AREAS.
- RADII ON CURB RETURNS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ANY DISCREPANCY FOUND BETWEEN THE PLANS AND THE QUANTITIES SHEET MUST BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CITY OF MIAMI AND ENGINEER OF RECORD (EOR). AN R.F.I. MUST BE PROVIDED AND SHOULD OUTLINE THE SPECIFIC ISSUE OR DISCREPANCY, PROVIDE SUPPORTING DOCUMENTATION OR EVIDENCE, AND SEEK CLARIFICATION OR APPROVAL BEFORE PROCEEDING WITH THE PROJECT/TASK.

**DRAINAGE**


- CONTRACTOR SHALL KEEP NEW AND EXISTING INLETS CLEAN OF PAVING MATERIALS AND DEBRIS. INLETS LOCATED NEAR CONSTRUCTION ACTIVITIES SHOULD BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.
- EXFILTRATION TRENCH CONSTRUCTION OF INLETS AND SOLID PIPE SHALL BE LEFT EXPOSED FOR INSPECTION BY ENGINEER OF RECORD FOR CERTIFICATION TO DERM. ONCE INSPECTED SAID EXCAVATIONS CAN BE PROPERLY BACKFILLED AND COMPACTED.
- ELEVATION AND OFFSETS FOR CURB INLETS ARE GIVEN AT THE EDGE OF PAVEMENT.
- DRAINAGE SYSTEM SHALL BE CLEANED AND DESILTED PRIOR TO PW FINAL INSPECTION APPROVAL.
- EXISTING STRUCTURES AND PIPES TO REMAIN WITHIN LIMITS OF CONSTRUCTION SHALL BE VACUUM CLEANED.

**PRE-CONSTRUCTION RESPONSIBILITIES:**

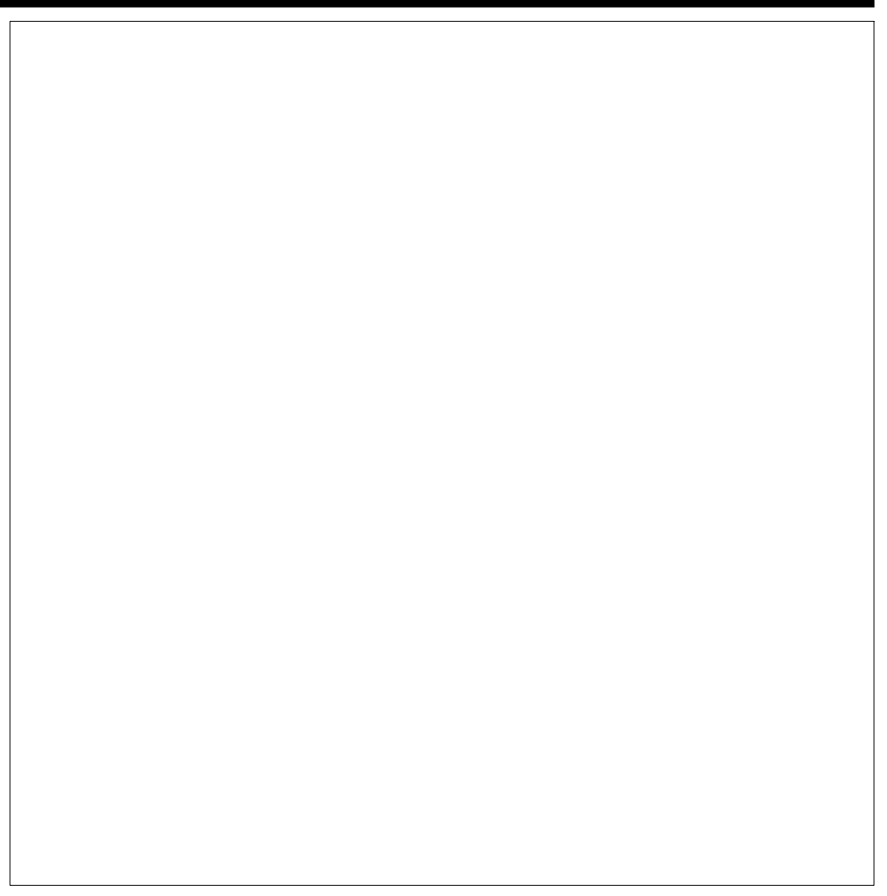
- PRIOR TO THE COMMENCEMENT OF THE CONSTRUCTION AND THE RECEIPT OF THE "NOTICE TO PROCEED" THE CONTRACTOR SHALL CONTACT THE O.C.I. CONSTRUCTION MANAGER AND ARRANGE A PRE-CONSTRUCTION CONFERENCE TO INCLUDE THE ENGINEER OF RECORD. THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE AND BE PREPARED TO DISCUSS ANY CONCERNS OR COORDINATION EFFORTS AND REQUIREMENTS WITH THE PARTIES INVOLVED.
- THE CONTRACTOR SHALL OBTAIN A SUNSHINE STATE ONE CALL OF FLORIDA, INC. CERTIFICATION NUMBER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION. CONTACT 811, WWW.CALLSUNSHINE.COM

**PROJECT RECORD DOCUMENTS:**

- DURING THE DAILY PROGRESS OF THE JOB THE CONTRACTOR SHALL RECORD THE EXACT LOCATION, LENGTH, AND ELEVATION OF ALL PROPOSED IMPROVEMENTS ON HIS SET OF CONSTRUCTION DRAWINGS.
- UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER TWO COMPLETE SETS OF ALL "AS-BUILT" CONSTRUCTION DRAWINGS, THE DRAWINGS SHALL INCLUDE CHANGES AND DIMENSIONS, LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE IN ACCORDANCE WITH THE "SURVEY WORK" SECTION OF THE "SPECIFICATIONS AND CONTRACT DOCUMENTS" FOR THIS PROJECT.
- ALL "AS-BUILT" INFORMATION AND ELEVATIONS SHALL BE CERTIFIED BY A FLORIDA REGISTERED LAND SURVEYOR AND ALL FINAL MEASUREMENTS ARE TO BE IN THE FORM OF FIELD NOTES, PLANS AND CD (PDF FORMAT).
- "AS-BUILTS" SHALL UTILIZE THE CITY OF MIAMI VERTICAL DATUM.



Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.  
Check positive response codes before you dig!





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PROJECT:

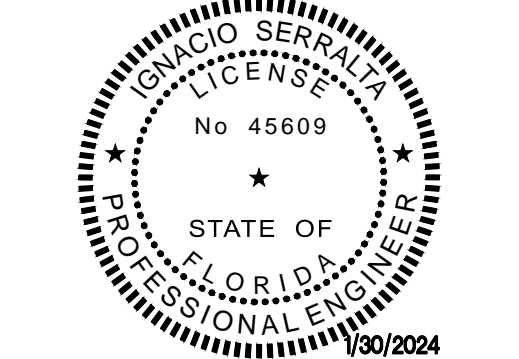
**1320 MINI PARK NEW DOG & FITNESS PARK**

**1320 SW 21st, MIAMI, FLORIDA, 33145**  
CONTACT: RICARDO RODRIGUEZ  
CITY PROJECT MANAGER  
PARKS DEPARTMENT  
PHONE: 305-416-1359

DRAWING TITLE:

**GENERAL NOTES**

SEAL



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:  
IGNACIO SERRALLA, P.E. 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.

IGNACIO SERRALLA, P.E.  
LICENSE NO. 45609

DATE: DECEMBER 15th, 2023

REVISED: 11/01/31/2024 DERM & PLAN UPDATE

PERMIT SET

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SHEET NO.

**UTILITIES:**

- TWO FULL BUSINESS DAYS (48 HOURS) PRIOR TO DIGGING, THE CONTRACTOR SHALL CONTACT 811, WWW.CALLSUNSHINE.COM TO REQUEST UTILITY LOCATIONS BEFORE BEGINNING ANY CONSTRUCTION ACTIVITIES.
  - EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER. ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.
  - IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO (VERTICALLY AND HORIZONTALLY) PROTECT ALL EXISTING UTILITIES ON THIS PROJECT. ANY DAMAGE TO UTILITIES SHALL BE IMMEDIATELY REPORTED TO THE UTILITY OWNER. THE OWNER RESERVES THE RIGHT TO REMEDY SUCH DAMAGE BY ORDERING OUTSIDE PARTIES TO MAKE SUCH REPAIRS AT THE EXPENSE TO THE CONTRACTOR.
  - THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE.
  - UTILITY OWNERS:
- |                                      |                    |
|--------------------------------------|--------------------|
| AT&T/DISTRIBUTION                    | G27896@ATT.COM     |
| BREEZELINE                           | 305-861-8069 x5208 |
| CROWN CASTLE NG                      | 800-654-3110       |
| DADE COUNTY PUBLIC WORKS AND TRAFFIC | 305-412-0891 x201  |
| FLORIDA POWER & LIGHT                | 386-586-6403       |
| MIAMI DADE - SEWER                   | 786-268-5329       |
| MIAMI DADE - WATER                   | 786-268-5329       |
| TECO PEOPLES GAS SOUTH FLORIDA       | 813-275-3783       |

**ENVIRONMENTAL NOTES**

- DUE TO THE LIMITED SCOPE OF WORK, NO IMPACTS TO EXISTING HISTORICAL AND CULTURAL RESOURCES ARE EXPECTED AS A RESULT OF THE PROPOSED ACTION.
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT SHOULD OCCUR WITHIN THE DRIPLINE OF EXISTING TREES.
- PREVENT DAMAGING TREES AND PLANTERS WITHIN OR IMMEDIATELY ADJACENT TO THE PROJECT'S RIGHT-OF-WAY.
- AN ARBORIST CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE SHALL BE PRESENT ON SITE TO MONITOR CONSTRUCTION ACTIVITIES NEAR EXISTING TREES AND DIRECT ALL ROOT PRUNING AND/OR CANOPY TRIMMING ACTIVITIES.
- TREE PROTECTION SHOULD BE INSTALLED AROUND TREES TO REMAIN LOCATED ADJACENT TO CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL NOT REMOVE, RELOCATE OR PRUNE ANY TREES WITHOUT PRIOR APPROVAL FROM THE CITY. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT PRIOR TO ANY TREE REMOVAL/RELOCATION.
- CONTRACTOR SHALL REMOVE/CONTROL DUST USING WATER OR OTHER EQUIPMENT CAPABLE OF CONTROLLING DUST.

**TRAFFIC CONTROL PLANS:**

- TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA DOT DESIGN STANDARDS (102-SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA.
- NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE. DETOUR OR MOT PHASE CHANGE SHALL BE SUBMITTED WITH THE REQUIRED LANE CLOSURE FORM, SKETCHES, CALCULATIONS, AND OTHER DATA TO PUBLIC WORKS DEPT.
- AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
- THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
- LANE CLOSURE SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT DAYS/NIGHTS/WEEKENDS. NON PEAK HOURS 9:00 AM TO 3:30 PM WEEKDAYS AND SATURDAYS. EXCEPTIONS MAY BE GRANTED UPON WRITTEN REQUEST TO THE CITY.
- AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORM WATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC IN A MANNER APPROVED BY THE ENGINEER. COST FOR REMOVING THE WATER SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC COST.
- ALL TEMPORARY STRIPES AND MARKINGS SHALL BE PAINT ONLY, UNLESS OTHERWISE SPECIFIED ON THE PLANS OR APPROVED BY THE ENGINEER. COST OF TEMPORARY STRIPPING SHALL BE INCLUDED IN MOT COST.
- EACH EXISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION OF THE PROJECT. WHEN NO LONGER AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC COST.
- FOR DROP OFFS, THE CONTRACTOR'S SHALL FOLLOW TO FDOT STANDARD INDEX NO. 102-600 SHEET 8 OF 11. THE CONTRACTOR SHALL USE SHOULDER TREATMENT DETAIL WHEN NO BARRIERS ARE REQUIRED IN THE PLANS
- CONTRACTOR SHALL PREPARE AND SUBMIT AN ACCEPTABLE MOT PLAN FOR THE PROJECT. THE MOT PLAN SHALL BE SUBMITTED TO THE CITY OF MIAMI'S PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL.
- LANE CLOSURES SHALL NOT BE PERMITTED DURING SCHOOL SPEED ZONE HOURS WHERE SUCH CLOSURES WILL AFFECT TRAFFIC FLOW IN THE VICINITY OF THE SCHOOL SPEED ZONES.

**WORK ZONE LIMITS:**

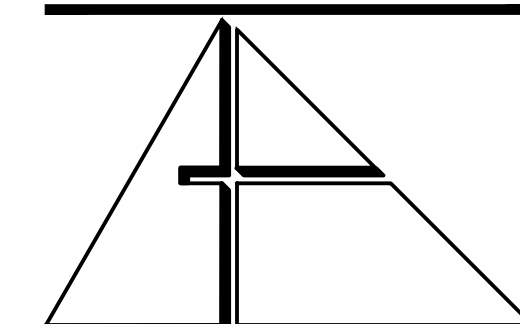
- NO MORE THAN TWO BLOCKS OF STREET SHALL BE UNDER CONSTRUCTION AT A TIME AND ALL WORK AND RESTORATION SHALL BE COMPLETED ON ONE OF SUCH BLOCKS BEFORE WORK MAY BEGIN IN A NEW BLOCK. FINAL RESURFACING SHALL BE PLACED WITHIN 48 HOURS OF THE MILLING OPERATION.

**SIGNING AND PAVEMENT MARKINGS:**

- ALL SIGNING AND PAVEMENT MARKINGS SHALL CONFORM WITH THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS.
- ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE SPECIFIED. BEFORE STARTING THE PROJECT, THE CONTRACTOR WILL REVIEW EXISTING SIGNS SHOWN ON THE PLANS TO BE RELOCATED OR TO REMAIN. THE CONTRACTOR WILL NOTIFY IN WRITING TO THE PROJECT ENGINEER OF ANY MISSING SIGNS BEFORE CONSTRUCTION STARTS. SIGNS DAMAGED BY THE CONTRACTOR'S OPERATIONS WILL BE REPLACED AT NO COST TO THE CITY. IF EXISTING SIGNS TO BE RELOCATED HAVE A DAMAGED POLE OR A POLE NOT MEETING HEIGHT SPECIFICATION REQUIREMENTS, THE COST OF A NEW POLE WILL BE INCLUDED IN THE RELOCATION BID ITEM.
- ALL PAVEMENT MARKINGS, MESSAGES, AND ARROWS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT.
- MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND AT THE END OF THE PROJECT AND AT ALL SIDE STREETS WITHOUT JOGS OR OFFSETS.
- THE CONTRACTOR SHALL REMOVE EXISTING MARKINGS THAT CONFLICT WITH NEW MARKINGS BY FDOT APPROVED METHOD WITHOUT DAMAGE TO THE ASPHALT.
- SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, WHEELCHAIR RAMPS, ETC. MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY MIAMI-DADE SIGNALS AND SIGNS DIVISION.
- THE CONTRACTOR SHALL RELOCATE ALL EXISTING POST-MOUNTED STREET NAME AND STOP SIGNS TO A VISIBLE AREA UNDISTURBED BY THE CONSTRUCTION SO AS TO MINIMIZE DAMAGE TO THE SIGNS. NEW STREET NAME SIGNS WILL BE ATTACHED AT THE TOP OF THE NEW STOP SIGNS ON MINOR SIDE STREETS AT THE END OF CONSTRUCTION.
- EXTRUDED ALUMINUM SIGN SUPPORT CLAMPS ARE NOT ACCEPTABLE. ALL RELOCATED SIGNS MUST COMPLY WITH THE DESIGN STANDARDS AS IF THEY WERE NEW SIGNS. IF EXISTING CLAMPS, BRACKETS, POLES, ETC. NEED TO BE REPLACED THE COST SHALL BE INCLUDED IN THE RELOCATION PAY ITEM.
- SCHOOL CROSSING SIGNAGE AND SCHOOL SPEED ZONE SIGNAGE TO CONFORM WITH MUTCD/FDOT STANDARDS (FLUORESCENT YELLOW-GREEN BACKGROUNDS).
- REFLECTIVE PAVEMENT MARKERS AS PER FDOT STANDARD INDEX NO 706-001

**ABBREVIATIONS:**

A.R.V.	= AIR RELEASE VALVE	INV.	= INVERT
BLDG.	= BUILDING	L.F.	= LINEAR FEET
C.B.	= CATCH BASIN	M-DWASD	= MIAMI-DADE WATER AND SEWER DEPT.
☪	= CENTER LINE	M.E.G.	= MATCH EXISTING GRADE
C.O.	= CLEANOUT	MIN.	= MINIMUM
CONC.	= CONCRETE	M.J.	= MECHANICAL JOINT (FITTING)
C.O.H.	= CITY OF HIALEAH	P.E.	= PLAIN END (FITTING)
CONN.	= CONNECTION	P.I.V.	= POST INDICATOR VALVE
CONT.	= CONTINUATION	P/L, ℞	= PROPERTY LINE
D.D.C.V.	= DOUBLE DETECTOR CHECK VALVE	PROP.	= PROPOSED
DET.	= DETAIL	R/W, ROW	= RIGHT OF WAY
D.I.P.	= DUCTILE IRON PIPE	SEC.	= SECTION
EXIST.	= EXISTING	SERV.	= SERVICE
F.D.C.	= FIRE DEPARTMENT CONNECTION	S/L, S	= SECTION LINE
F.F.E.	= FINISHED FLOOR ELEVATION	STA.	= STATION
F.H.	= FIRE HYDRANT	STD.	= STANDARD
F.M.	= FORCE MAIN	T.O.P.	= TOP OF PIPE
H.D.P.E.	= HIGH DENSITY POLYETHYLENE	VERT.	= VERTICAL
HORIZ.	= HORIZONTAL	W.M.	= WATER MAIN
		T.B.F.V.	= TO BE FIELD VERIFIED



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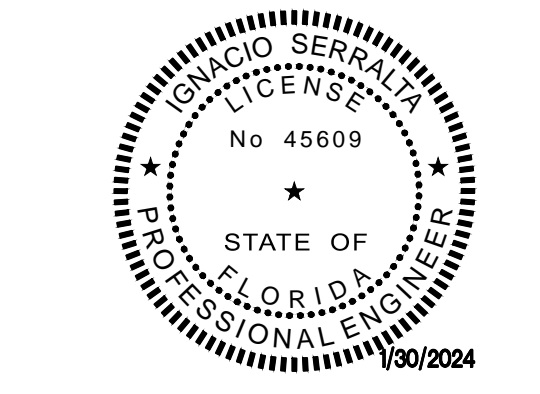
**1320 MINI PARK  
NEW DOG & FITNESS PARK**

1320 SW 21st, MIAMI, FLORIDA, 33145  
CONTACT: RICARDO RODRIGUEZ  
CITY PROJECT MANAGER  
PARKS DEPARTMENT  
PHONE: 305-416-1359

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**GENERAL NOTES**

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DATE: DECEMBER 15th, 2023

REVISION: 01/31/2024 DERM & PLAN UPDATE


CAD DRAWING NAME:

SHEET NO.

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CS-02

SUMMARY OF OVER ALL PAY ITEMS

PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY
001	AS BUILT ENTRE PROJECT	LS	1.0
002	ALLOWANCE FOR OFF DUTY POLICE	LS	1.0
101-1	MOBILIZATION	LS	1.0
102-1	MAINTENANCE OF TRAFFIC	LS	1.0
104-18	INLET PROTECTION SYSTEM	EA	4.0
110-1-1	CLEARING AND GRUBBING	LS	1.0

SUMMARY OF ROADWAY PAY ITEMS

PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY
120-1	REGULAR EXCAVATION (ROADWAY)	CY	6.0
120-4	SUBSOIL EXCAVATION (CONTINGENCY ITEM)	CY	5.0
120-6	EMBANKMENT (CONTINGENCY ITEM)	CY	5.0
160-4	TYPE B STABILIZATION	SY	33.0
285-706	OPTIONAL BASE, BASE GROUP 06 (8")	SY	33.0
322-20-1	MILLING EXISTING ASPHALT PAVEMENT (1" AVG.DEPTH)	SY	157.1
334-1-13	SUPER PAVE ASPHALTIC CONCRETE SP-9.5(1")	TN	2.0
337-7-82	ASPHALTIC CONCRETE FRICTION COURSE FC-9.5(1")	TN	8.7
425-5-1	MANHOLE, ADJUST, UTILITIES (CONTINGENT)	EA	1.0
425-11	MODIFY EXISTING DRAINAGE STRUCTURE (PARTIAL)	EA	1.0
520-1-10	CONCRETE CURB AND GUTTER (TYPE "F")	LF	98.0
520-2-4	CONCRETE CURB, TYPE D	LF	47.0
520-3	CONCRETE VALLEY GUTTER	LF	46.0
522-2	CONCRETE SIDEWALK, 6" THICK	SY	38.8
003	FLEXI PAVE WALKWAY	SY	28.0
527-2	DETECTABLE WARNINGS	SF	10.0
570-1-2	PERFORMANCE TURF, SOD	SY	117.0

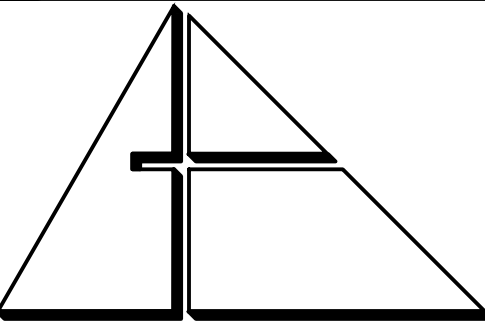
SUMMARY OF EARTHWORK	
ITEM	TOTAL CY
REGULAR EXCAVATION (PARKING)	6.0
REGULAR EXCAVATION (ONSITE)	48.2
SUBSOIL EXCAVATION (CONTINGENCY ITEM)	5.0
EMBANKMENT (CONTINGENCY ITEM)	5.0

SUMMARY OF ONSITE PAY ITEMS

PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY
120-1	REGULAR EXCAVATION (FITNESS PAD)	CY	48.2
160-4	TYPE B STABILIZATION	SY	175.0
425-1	INLETS ADS 24" BASIN	EA	2.0
430-174-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD (HDPE)	LF	43.0
443-70	EXFILTRATION DRAIN (15")	LF	25.0
522-2	CONCRETE SIDEWALK, 6" THICK	SY	73.0
570-1-2	PERFORMANCE TURF, SOD SEE LANDSCAPE PLANS FOR QUANTITY	SY	TBD
1080-21-500	WATER SERVICE CONNECTION IRRIGATION (NEW METER )	LS	1.0

SUMMARY OF SIGNING AND PAVEMENT MARKING PAY ITEMS

PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY
700-1-11	FLORIDA HANDICAP PARKING SIGN-FTP-20-06	EA	1.0
706-1-1	MARKER PAVEMENT RETRO-REFLECTIVE (YELLOW-YELLOW)	EA	6.0
710-11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	LF	89.0
710-11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK, 12"	LF	50.0
710-11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE, 24"	LF	11.0
710-11-160	PAINT, STANDARD, MESSAGE OR SYMBOL	EA	1.0
710-11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	LF	100.0
710-11-421	PAINTED PAVEMENT MARKINGS, STANDARD, BLUE, SOLID FOR PARKING LOT ACCESSIBLE, 4"	LF	52.0
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	50.0
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	11.0
711-11-160	THERMOPLASTIC, STANDARD, MESSAGE OR SYMBOL	EA	1.0
711-15-201	THERMOPLASTIC, STANDARD-OP, YELLOW, SOLID, 6"	LF	100.0
711-15-101	THERMOPLASTIC, STANDARD-OP, WHITE, SOLID, 6"	LF	89.0
711-11-421	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	LF	52.0



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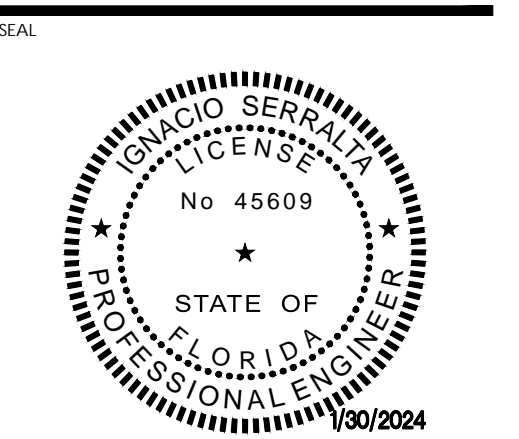
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 CONTACT: RICARDO RODRIGUEZ  
 CITY PROJECT MANAGER  
 PARKS DEPARTMENT  
 PHONE: 305-416-1359

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**SUMMARY OF  
 QUANTITIES**



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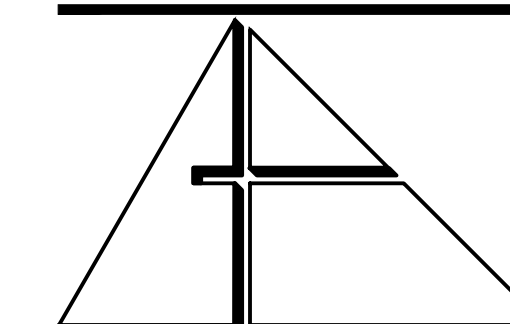
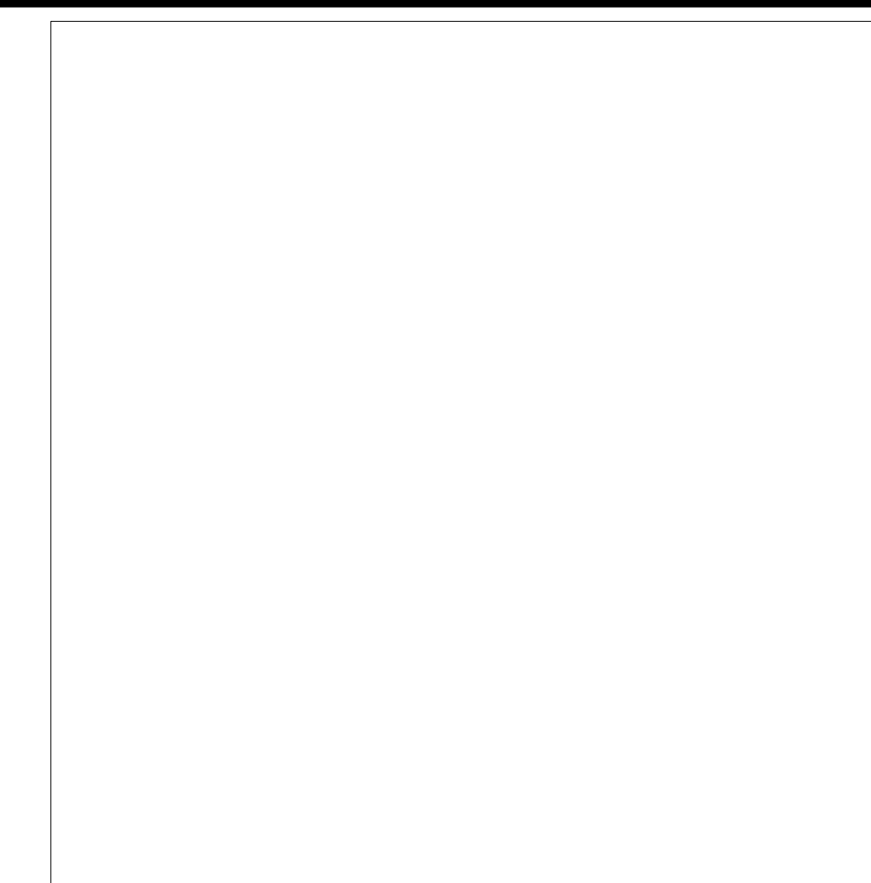
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PAY ITEM NOTES:	
102-1	TO BE ACCOMPLISHED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION. PUBLIC WORKS MANUAL OF MIAMI DADE COUNTY, THE LATEST REVISIONS OF THE AFOREMENTIONED MANUALS AT TIME OF CONSTRUCTION WITH ENGINEER APPROVAL, AND IN ACCORDANCE WITH THE LATEST FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS INDEX 102 SERIES. INCLUDES THE COST OF CONSTRUCTION OF TEMPORARY PAVEMENT & ITS SUBSEQUENT REMOVAL.
110-1-1	CONSISTS OF COMPLETE REMOVAL AND DISPOSAL OF ALL VEGETATION, DEBRIS, FLEXIBLE PAVEMENT, CONCRETE SIDEWALK, CURB & GUTTER, CONCRETE DEBRIS OR ANY OTHER OBSTRUCTIONS IN ALL AREAS WHERE EXCAVATION IS TO BE DONE. THIS INCLUDE ROADWAY AREA AND AREAS WHERE PIPE LINES WILL BE CONSTRUCTED. ALL DEBRIS SHOULD BE DISPOSSED OF IN LEGAL AREAS PROVIDED BY THE CONTRACTOR.
120-1	INCLUDED THE REGULAR EARTHWORK EXCAVATION (SEE TABLE BELOW). THESE ARE ESTIMATED QUANTITIES AND MAY BE INCREASED OR DECREASED.
120-4	CONTINGENCY ITEM: THE DISPOSAL OF MUCK, CLAY, ROCK, OR OTHER UNSUITABLE MATERIAL THAT COULD EXIST.
120-6	INCLUDES ALL WORK AND MATERIALS (SUITABLE MATERIAL) PER FDOT SECTION 120 AND INDEX 120-001 + CONTINGENCY ITEM: REPLACE WITH CLEAN FILL THE VOLUME OF SUBSOIL EXCAVATION( PAY ITEM 120-4), IF IS NEEDED
160-4	INCLUDES ALL WORK AND MATERIALS SPECIFIED IN SECTION 160 (FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JULY 2024), INCLUDING FURNISHING, SPREADING AND MIXING OF ALL STABILIZING MATERIAL REQUIRED AND ANY REPROCESSING OF STABILIZATION AREAS NECESSARY TO ATTAIN THE SPECIFIED BEARING VALUE.
327-70-1	CONSISTS OF REMOVING EXISTING AC PAVEMENT TO IMPROVE THE RIDEABILITY OF THE FINISHED PAVEMENT, TO COMPLETELY REMOVE EXISTING PAVEMENT. INCLUDES TRANSPORTING THE MILLED MATERIAL AWAY AND DISPOSE OF IT PROPERLY. ALSO INCLUDES REMOVAL OF EXISTING REFLECTIVE PAVEMENT MARKER
425-1-SERIES 425-2-SERIES	INCLUDES: POLLUTION RETARDANT BAFFLE, FRAME, GRATES, COVERS, MATERIALS, METAL PIPE ENCASMENT, INLET PROTECTION (ACCORDANCE WITH THE PLANS, STANDARDS, AND/OR EROSION AND SEDIMENT CONTROL MANUAL FOR THE PROTECTION OF PROPOSED INLETS), LABOR AND CONSTRUCTION SHALL BE INCLUDED IN COST OF STRUCTURES.
425-5 & 425-6	WITHIN PAVEMENT AREA, MANHOLES AND VALVE BOXES TO BE ADJUSTED AS NECESSARY.
430-174 SERIES	INCLUDES FURNISHING AND PLACING: PIPE PLUGS, PIPE FITTING, CAPS, CONCRETE JACKET AND SOLID PIPES.
443-70	INCLUDES: EXCAVATION TO PLAN ELEVATION (10 FEET DEEP, SEE DETAILS SHEETS), FURNISHING AND PLACING: (PIPE PLUGS, PIPE FITTINGS, PERFORATED PIPES, BALLAST ROCK AND BACKFILLING WITH SELECT FILL, FILTER FABRIC AND ALL APPLICABLE ITEMS REQUIRED TO CONSTRUCT DRAIN). ALSO, IT IS INCLUDED THE ADDITIONAL COST OF EXCAVATING AROUND THE LATERALS SERVICING SAID PROPERTIES.
522-2	ESTIMATED QUANTITY FOR: DRIVEWAYS, SIDEWALK, RAMPS, APRON, AND CONC. SLAB (REINFORCED) TO BE CONSTRUCTED AT LOCATIONS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
570-1-2	INCLUDES TOP SOIL LAYER AND SOD TO BE USED IN THE RESTORATION OF LAWNS AND MAY BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER. CENTIPEDE OR TO MATCH EXISTING SOD FOR ONSITE SEE LANDCAPE PLANS FOR FULL SPECIFICATIONS
1080-21-500	INCLUDES THE COST OF TRENCH RESTERATION AS NOTES ON PLANS

NOTES:	
1	SUMMARY OF EARTHWORK IS BASED ON CONSTRUCTION OF LIMEROCK BASE (8" THICK) AS INDICATED ON THE CROSS SECTIONS.
2	ANY EXCAVATED MATERIAL IF UNSUITABLE SHALL NOT BE USED IN THE CONSTRUCTION OF THE EMBANKMENT.
3	EXCESS MATERIAL TO BE DISPOSSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY HIM. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM.
4	ADDITIONAL QUANTITIES ARE CONTINGENT TO BE USED AS DIRECTED BY THE ENGINEER/ CITY INSPECTOR AND HAVE BEEN INCLUDED IN THE TOTAL QUANTITY AMOUNTS SHOW ON THE SUMMARY OF PAY
5	FOR SUMARY OF PAVEMENT MARKING QUANTITIES, SEE SHEET 3B AND BID FORMS
6	THE UNCLASSIFIED MATERIAL DISPLACED BY THE DRAINAGE SYSTEM, NOT INCLUDED IN THE SUMMARY OF EARTHWORK QUANTITIES. THIS MATERIAL IS TO BE UTILIZED IN THE EMBANKMENT AREAS AS DIRECTED BY THE ENGINEER. EXCESS AND/OR UNDESIRABLE MATERIAL TO BE DISPOSSED OF BY CONTRACTOR IN LEGAL AREAS PROVIDED BY HIM. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM.
7	CONTRACTOR SHALL FURNISH AS-BUILT PLANS SIGNED AND SEALED BY AND PROFESSIONAL LAND SURVEYOR TO THE CITY OF MIAMI
8	ALLOWANCE FOR OFF DUTY POLICE WILL BE 25% OF MOT COST, FOR BIDDING PURPOSES, ACTUAL PAYMENT WILL BEBASED ON OFFICIAL CITY OF MIAMI POLICE DEPARTAMENT TIME SHEET FOR OFF DUTTY POLICE
9	ALL PERMIT COST ARE REIMBURSIBLE



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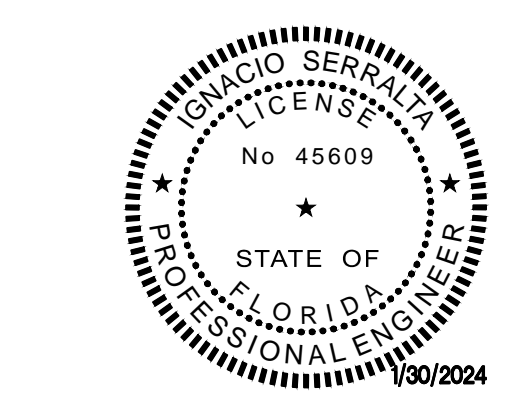
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**SUMMARY OF  
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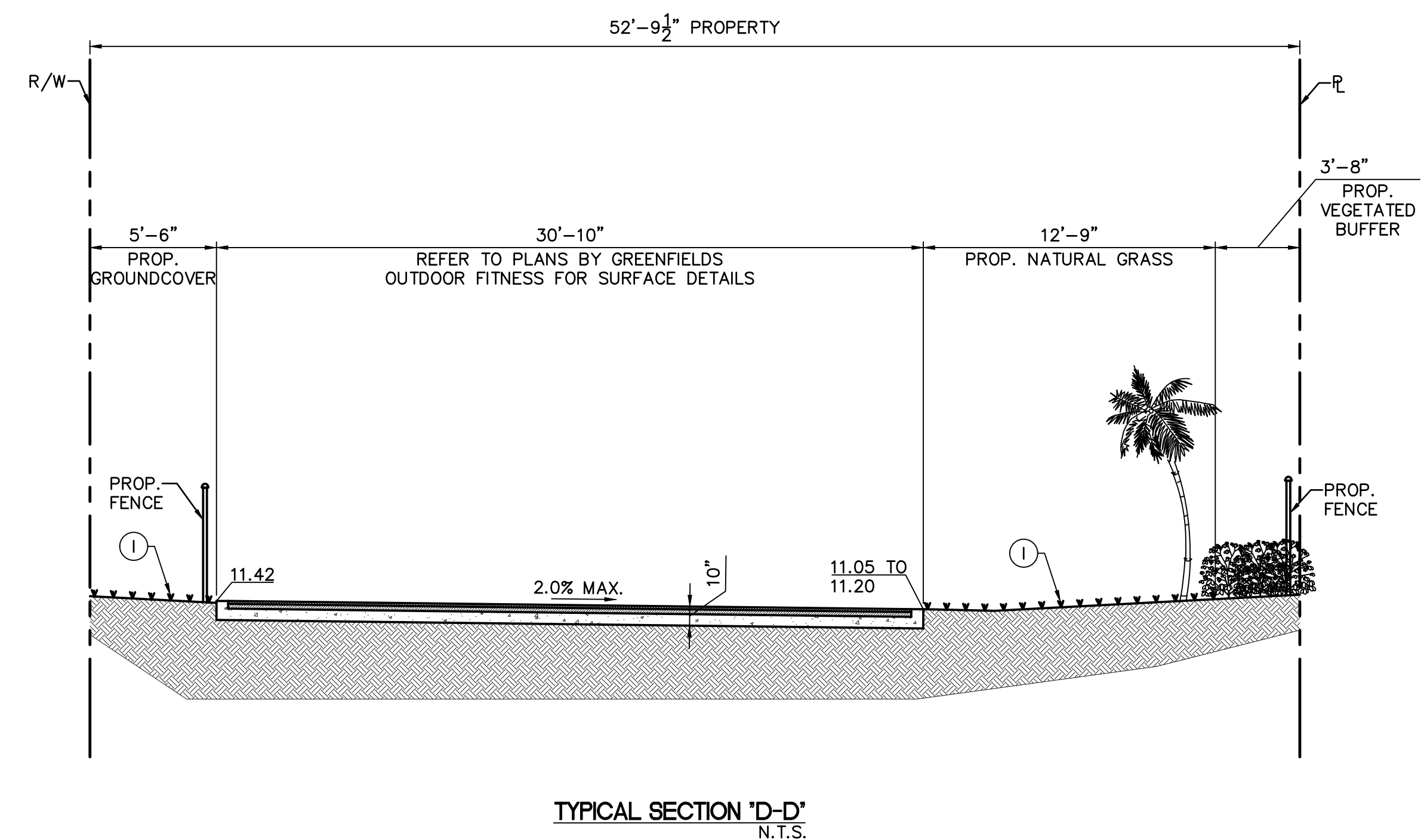
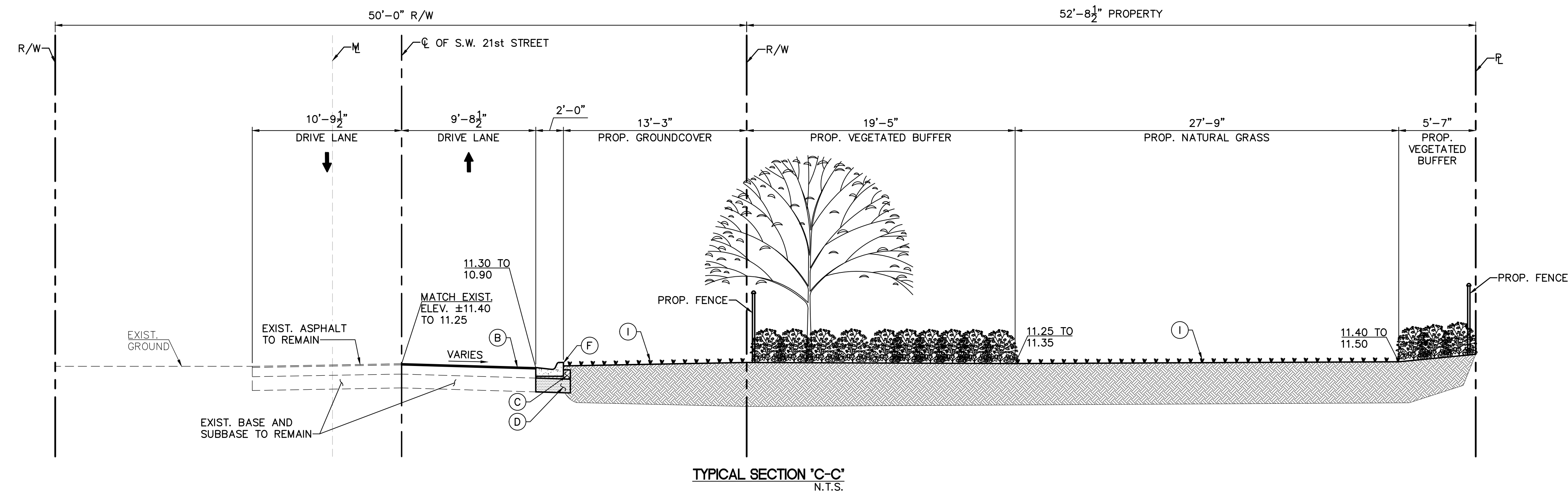
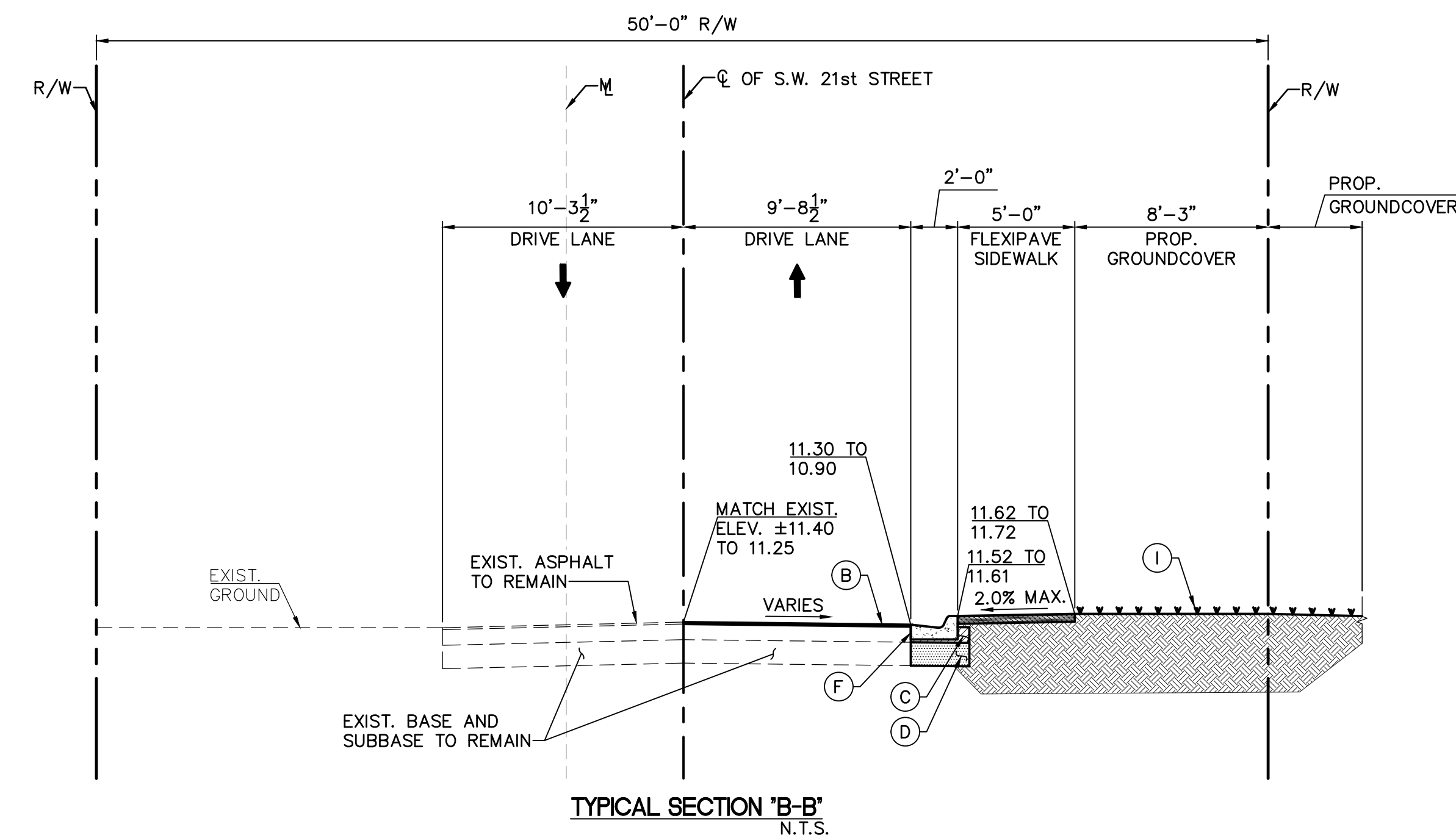
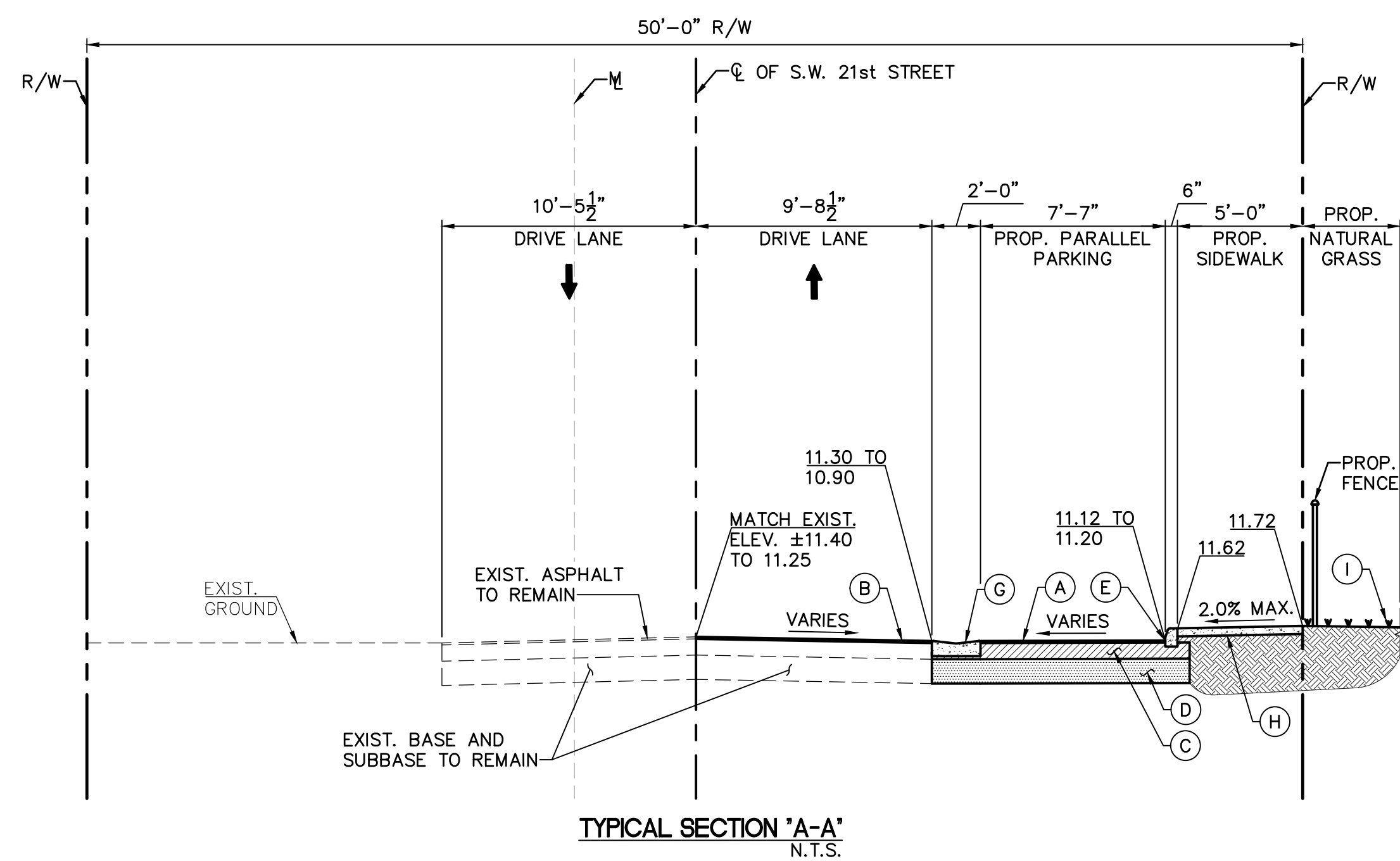
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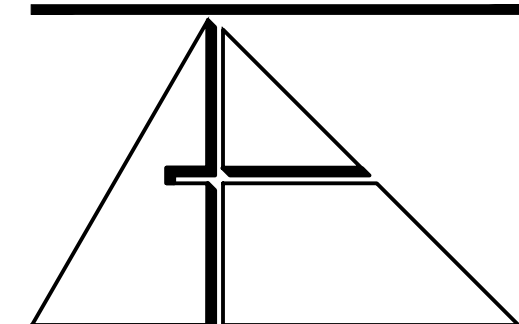
CAD DRAWING NAME:

SHEET NO.

CS-04



- ASPHALT CONCRETE PAVEMENT:**
- (A) PROP. ASPHALTIC CONCRETE SURFACE COURSE SP-9.5 (1")
  - (B) PROP. 1" MILLING AND RESURFACING WITH FC-9.5 (1")
  - (C) PROP. 8" LIMEROCK BASE COURSE, COMPACTED TO MIN. 98% DENSITY (MODIFIED PROCTOR), MIN. LBR=100, PER AASHTO T-180
  - (D) PROP. 12" STABILIZED SUBBASE, COMPACTED TO MIN. 95% DENSITY (MODIFIED PROCTOR), MIN. LBR=40, PER AASHTO T-180
- OTHER:**
- (E) PROP. CONCRETE CURB TYPE "D"
  - (F) PROP. CONCRETE CURB TYPE "F"
  - (G) PROP. CONCRETE VALLEY GUTTER
  - (H) PROP. 6" THICK CONCRETE SIDEWALK
  - (I) PROP. SOD



**ALLEGUEZ ARCHITECTURE, INC.**  
7294 SW 48TH STREET  
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tel: 305.461.4001 fax: 305.461.6002  
www.alleguezarchitecture.com  
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CONSULTANTS:

LANDSCAPE ARCHITECTS:  
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MEP ENGINEER:  
**FRAGA ENGINEERS**  
135 SAN LORENZO AVENUE  
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TEL: (305) 444-8210

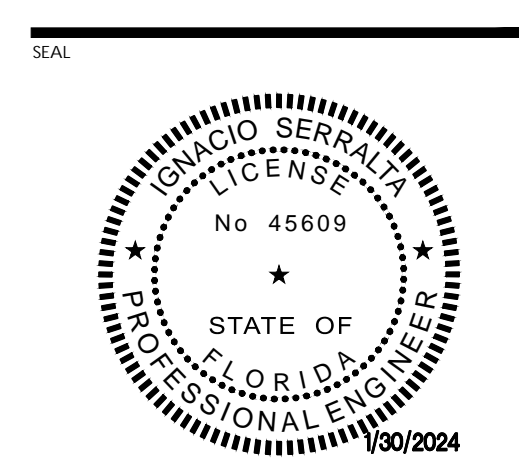
FITNESS EQUIPMENT:  
**GREEDFIELDS OUTDOOR FITNESS, INC.**  
2617 W. WOODLAND DR,  
ANAHEIM, CA 92801  
PH 888.315.9037 FAX: 866.308.9719

PROJECT:

**1320 MINI PARK  
NEW DOG & FITNESS PARK**

1320 SW 21st, MIAMI, FLORIDA, 33145  
CONTACT: RICARDO RODRIGUEZ  
CITY PROJECT MANAGER  
PARKS DEPARTMENT  
PHONE: 305-416-1359

DRAWING TITLE:  
**TYPICAL SECTIONS**



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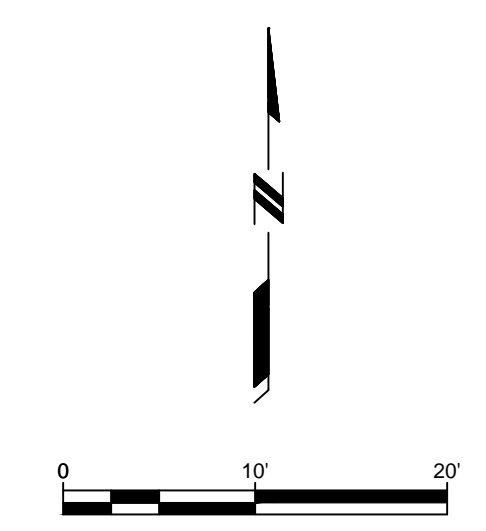
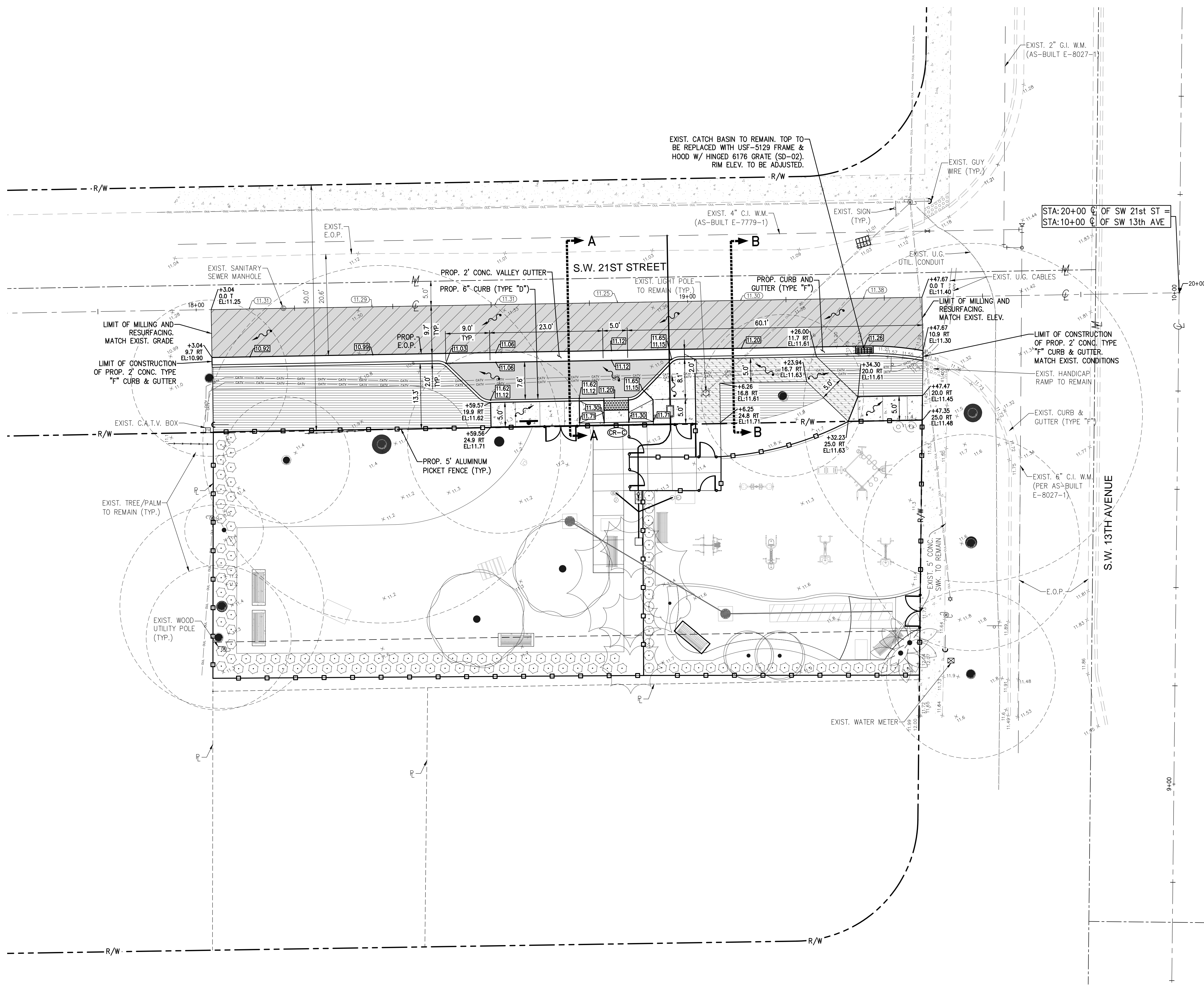
1 01/31/2024 DERM & PLAN UPDATE

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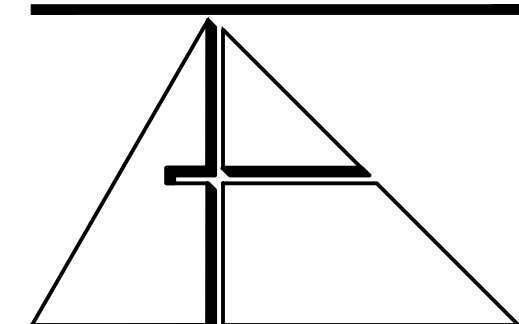
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CS-05



**LEGEND:**

- PROPOSED ASPHALTIC CONCRETE SURFACE COURSE (1" SP-9.5) W/ 8" LIMEROCK BASE COURSE AND 12" STABILIZED SUBBASE
- CONSTRUCT 6" THICK CONC. SWK. & ADA RAMPS
- EXISTING PAVEMENT TO BE MILLED (±1"). RESURFACE W/ 1" FC-9.5 ASPHALTIC CONCRETE SURFACE COURSE
- PROPOSED FLEXPAVE SIDEWALK
- PROPOSED GROUNDCOVERS (BY OTHERS)
- EXISTING TREE TO REMAIN
- PROPOSED ELEVATION
- TOP OF CURB ELEVATION  
BOTTOM OF CURB ELEVATION
- EXISTING ELEVATION
- RUNOFF FLOW



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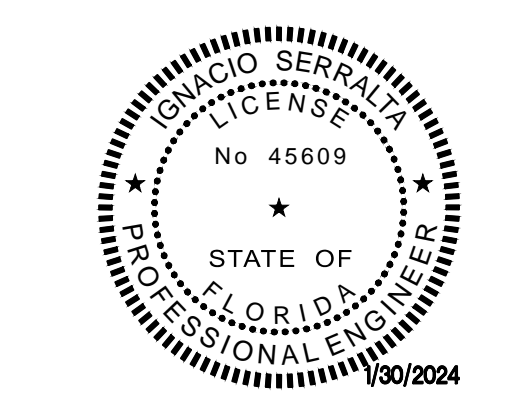
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DRAWING TITLE:  
**ROADWAY PAVING,  
 GRADING, AND  
 DRAINAGE**



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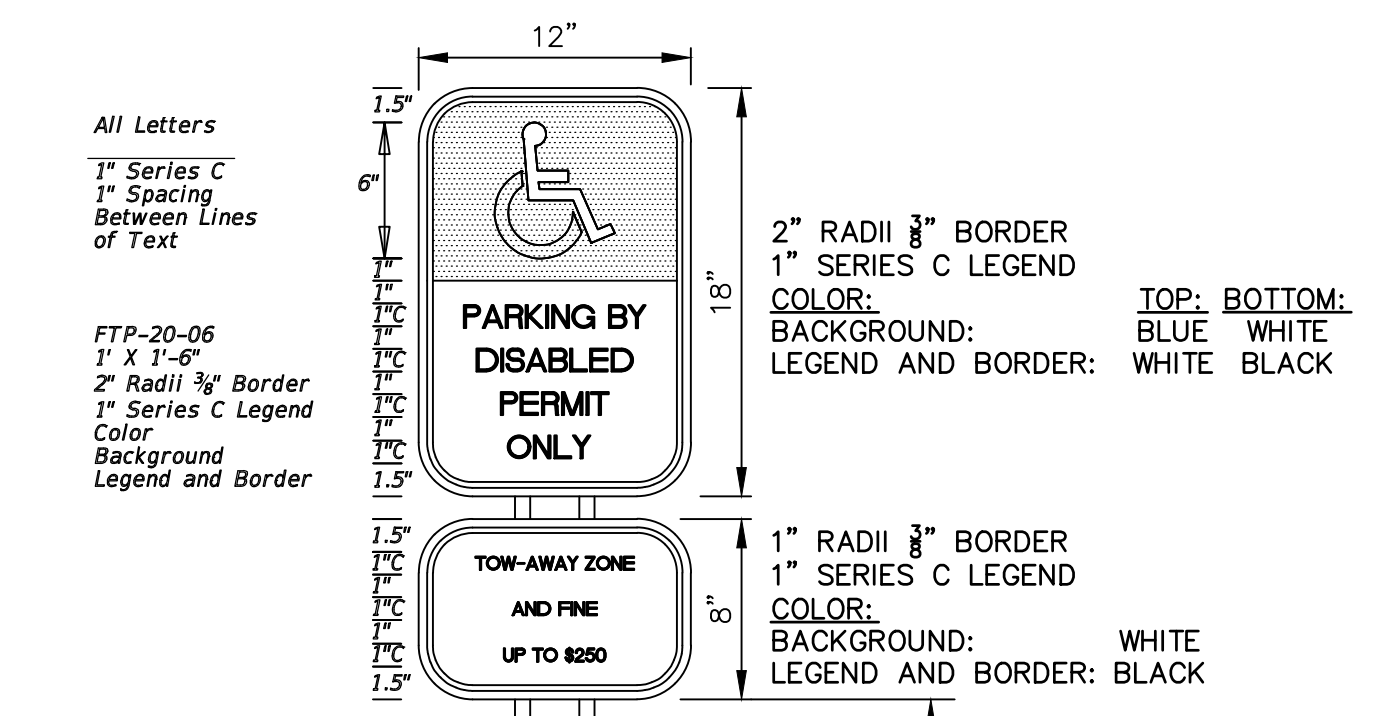
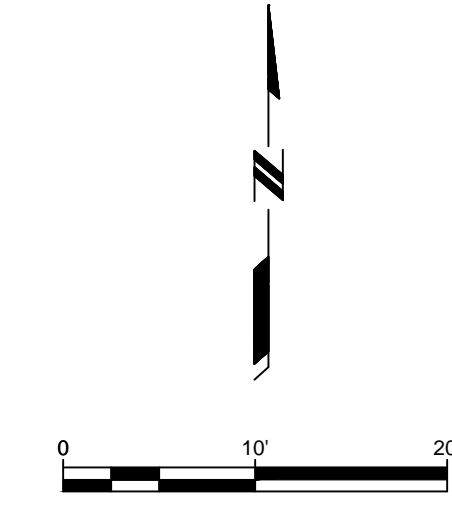
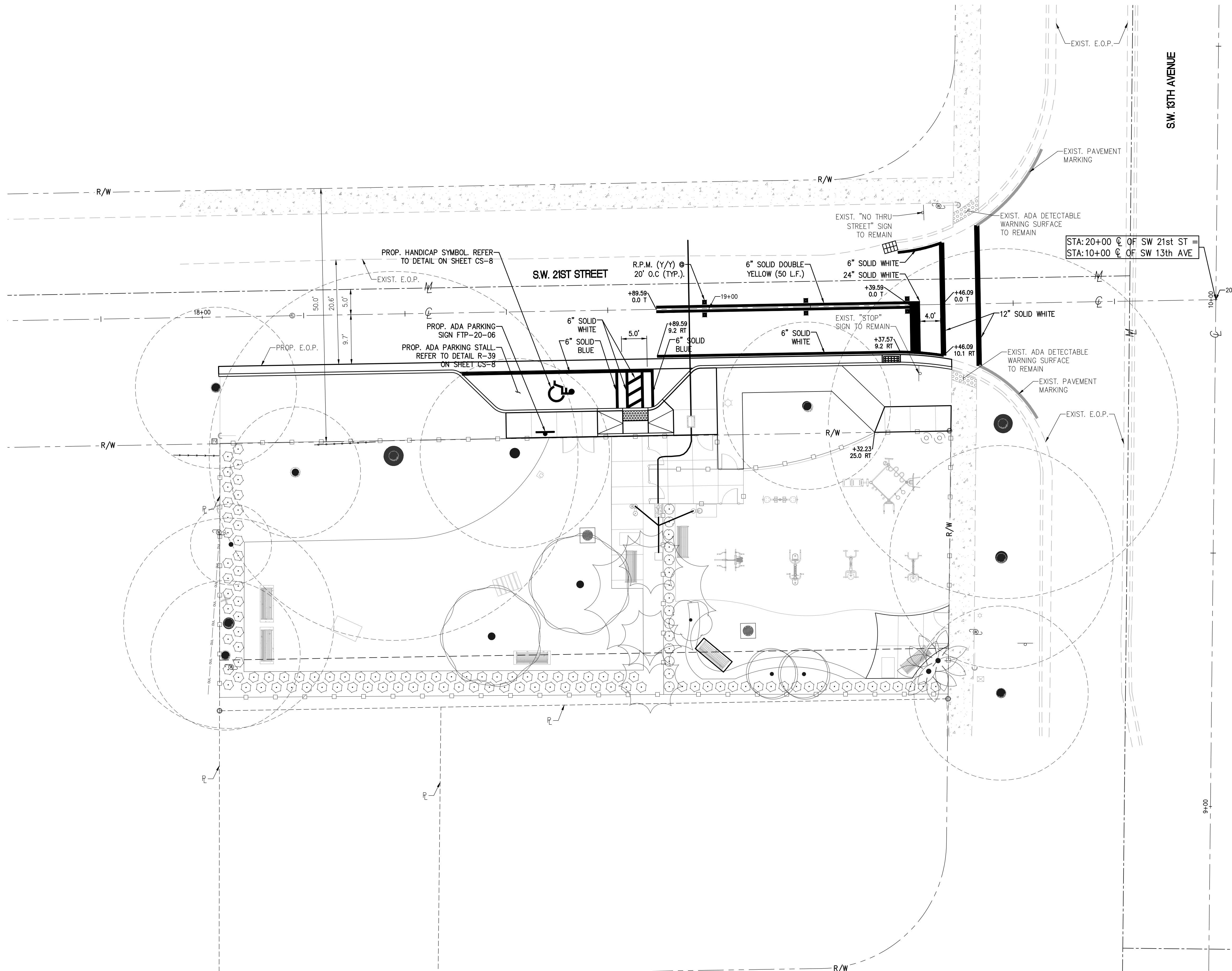
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 LICENSE NO. 45609  
 DATE: DECEMBER 15th, 2023

REVISED: **A** 01/31/2024 DERM & PLAN UPDATE

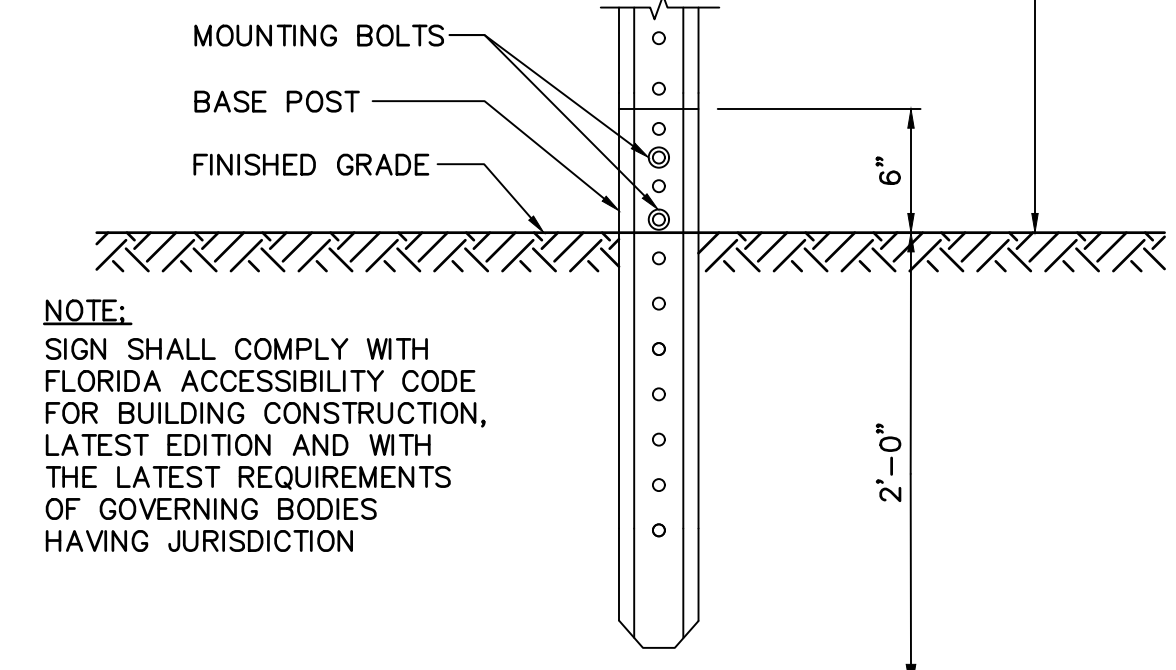
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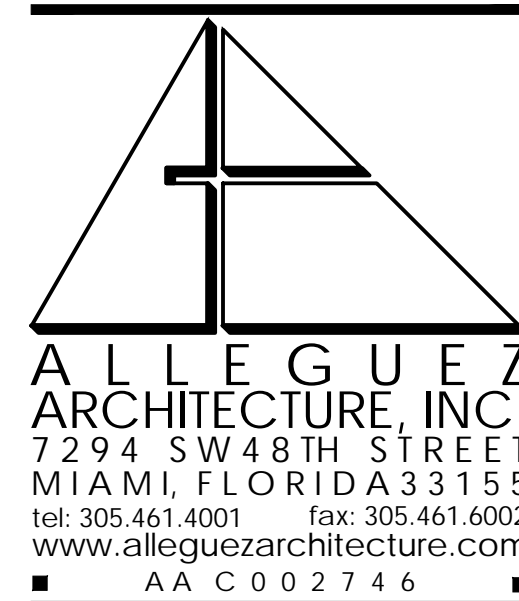


SIGN POST (METAL OR APPROVED EQUAL)  
LOCATION: AT THE END OF EACH DISABLED PARKING STALL, CLEARLY VISIBLE TO THE VEHICLE DRIVER



NOTE:  
SIGN SHALL COMPLY WITH FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION, LATEST EDITION AND WITH THE LATEST REQUIREMENTS OF GOVERNING BODIES HAVING JURISDICTION

**SIGNAGE FOR ADA PARKING STALLS DETAIL**  
**FTP-20-06 (R-40)**  
N.T.S.



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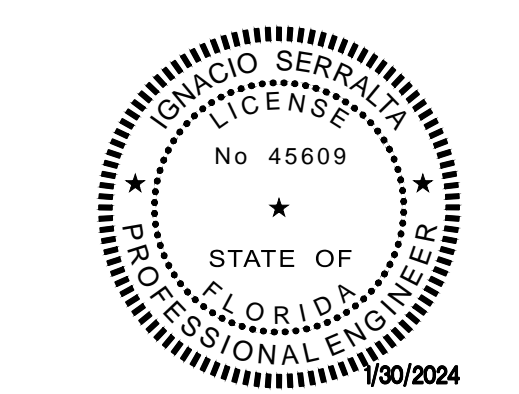
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PROJECT:  
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1320 SW 21st, MIAMI, FLORIDA, 33145  
CONTACT: RICARDO RODRIGUEZ  
CITY PROJECT MANAGER  
PARKS DEPARTMENT  
PHONE: 305-416-1359

DRAWING TITLE:  
**PAVEMENT MARKING AND SIGNAGE PLAN**

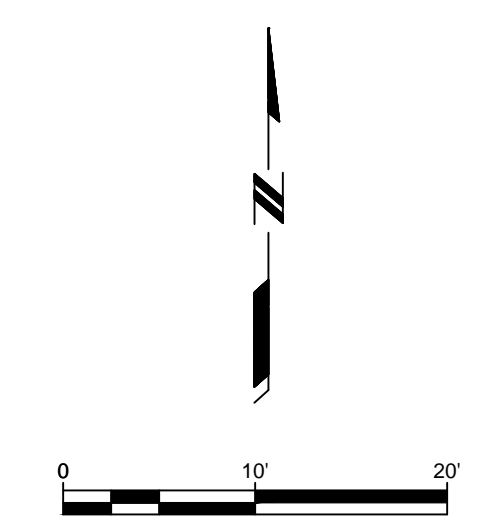
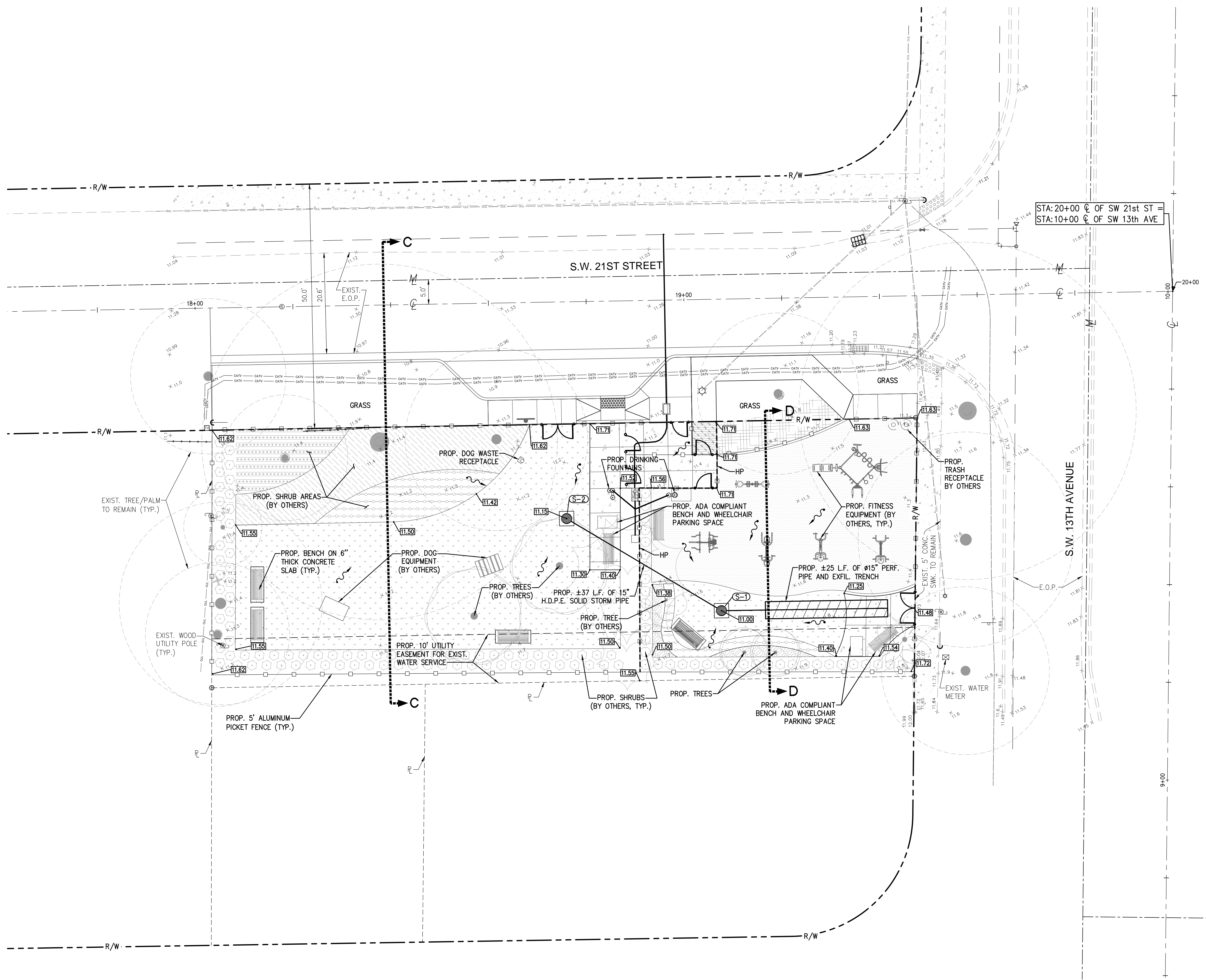


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LICENSE NO. 45609  
DATE: DECEMBER 15th, 2023

PERMIT SET

REVISOR:	01/31/2024	DERM & PLAN UPDATE
CAD DRAWING NAME:		
SHEET NO.		





- LEGEND:**
- PROPOSED POURED-IN-PLACE RUBBER SURFACE (BY OTHERS)
  - PROPOSED FLEXPAVE SIDEWALK (BY OTHERS)
  - PROPOSED 6" THICK CONCRETE
  - PROPOSED GROUNDCOVER (BY OTHERS)
  - PROPOSED SOD (BY OTHERS)
  - EXISTING TREE TO REMAIN
  - RELOCATED PALMS (BY OTHERS)
  - PROPOSED DRAINAGE STRUCTURE
  - STRUCTURE NUMBER
  - PROPOSED ELEVATION
  - EXISTING ELEVATION
  - PROPOSED HIGH POINT
  - RUNOFF FLOW
  - PROPOSED EXFILTRATION TRENCH AND PERF. PIPE
  - PROPOSED SOLID STORM PIPE

STRUCTURE TABLE						
STRUCT. NO.	STRUCT. TYPE	FRAME AND GRATE	FIN/GRATE ELEV.	BOTTOM ELEV.	INV. (DIR. SIZE, MAT.)	SWMP
S-1	24" NYLOPLAST BASIN	2499CGS	11.00	4.75	6.75 (NW)15" H.D.P.E. 6.75 (E)15" H.D.P.E.	2.0
S-2	24" NYLOPLAST BASIN	2499CGS	11.15	4.90	6.90 (SE)15" H.D.P.E.	2.0

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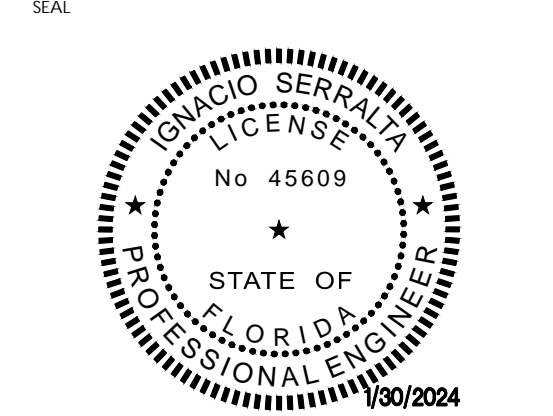
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 CONTACT: RICARDO RODRIGUEZ  
 CITY PROJECT MANAGER  
 PARKS DEPARTMENT  
 PHONE: 305-416-1359

DRAWING TITLE:  
**PARK GRADING  
 AND DRAINAGE  
 PLAN**



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CS-08

**\* NOTE:**  
SHEER REINFORCEMENT IS ONLY REQUIRED AT INTERSECTION RADII AND COMMERCIAL DRIVEWAYS

**NOTES:**

- ALL WORK SHALL COMPLY WITH CITY OF MIAMI STANDARD SPECIFICATIONS.
- SUBGRADE SHALL BE COMPACTED TO 90% DENSITY AASHTO T-180.
- VALLEY GUTTER SHALL BE CONSTRUCTED IN 50' MAXIMUM SECTIONS WITH 1/2\"/>
- CURB & GUTTER OR CURB SHALL BE CONSTRUCTED IN SECTIONS NOT TO EXCEED 50' IN LENGTH WITH 1/2\"/>
- REINFORCEMENT SHALL BE USED EXCLUSIVELY AT DRIVEWAYS, FROM PC TO PT, AND IF APPROVED BY DRPW. ALL REINFORCEMENT TO BE #4, WITH MIN. 3\"/>

**CITY OF MIAMI**  
DEPARTMENT OF RESILIENCE & PUBLIC WORKS  
**CONCRETE CURB AND GUTTER**

DETAIL R-02  
DATE: 04/23/20

**NOTES:**

- FOR CURB, GUTTER AND CURB & GUTTER 1/2\"/>
- ENDS OF CURBS TYPES B AND D SHALL TRANSITION FROM FULL TO ZERO HEIGHTS IN 2'.

**CITY OF MIAMI**  
DEPARTMENT OF RESILIENCE & PUBLIC WORKS  
**CURB AND GUTTER END TRANSITIONS**

DETAIL R-04  
DATE: 04/23/20

**NOTE:**

- SUBGRADE TO BE SLOPED AS SHOWN OR AS DIRECTED BY THE ENGINEER.
- CONCRETE SIDEWALK SHALL HAVE A MINIMUM THICKNESS OF 6\"/>
- SIDEWALKS TO BE CONSTRUCTED WITH NATURAL UNCOLORED PORTLAND CEMENT CONCRETE TYPE I OR TYPE III NON STRUCTURAL (3000 PSI).
- ALL OFFSITE STORM WATER SHALL BE CONTAINED WITHIN PRIVATE PROPERTY.

**CITY OF MIAMI**  
DEPARTMENT OF RESILIENCE & PUBLIC WORKS  
**TYPICAL SIDEWALK SECTIONS**

DETAIL R-09  
DATE: 04/23/20

**NOTE:**  
ALL INFORMATION SHOWN IS SUGGESTED. DUE TO APPLICATION VARIANCES IT IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD TO PROVIDE ALL INFORMATION REQUIRED TO SUIT LOCAL BUILDING CODES AND REGULATIONS. THIS DETAIL IS FOR REPRESENTATIVE PURPOSES ONLY AND SHOULD NOT BE SOLELY USED FOR CONSTRUCTION PURPOSES UNLESS IT HAS BEEN CERTIFIED AND SEALED BY A QUALIFIED ENGINEER.

**CAPITOL FLEXI-PAVE**  
Capitol Flexi-Pave, LLC  
37 Pidgeon Hill Dr, Suite 278  
Sterling, VA 20165  
202.760.1099 PH  
571.312.9208 FX  
www.capitolflexipave.com

**TITLE:**  
KBI FLEXI™-PAVE SIDEWALK  
@ ARLINGTON NATIONAL CEMETERY

DATE: 4/2/13  
SCALE: NTS

DETAIL NO. 113.00.00

VEHICLE	STALL			DIMENSIONS		
	HANDICAP	18' STALL		LENGTH		
	A	B*	C	D1	D2	D3
PARALLEL**	22.00'		8'-0"	20'-0"	10'-0"	10'-0"
45°	24.04'	17'-0"	18'-9"	18'-6"	9'-6"	10'-9"
60°	19.63'	17'-0"	19'-10"	19'-4"	11'-10"	12'-8"
90°	17.0'	17'-0"	18'-0"	23'-0"	23'-0"	23'-0"

**NOTES:**

- DIMENSIONS SHOWN ARE MIN. FOR UNOBSTRUCTED PARKING AND MANEUVERING WHERE PHYSICAL OBSTRUCTIONS EXIST, ADDITIONAL WIDTH MUST BE PROVIDED FOR PARKING AND TURNING MOVEMENTS.
- A DOUBLE PAINTED LINE (SHOWN ABOVE) IS STD. ON ALL HANDICAP PARKING STALLS. MIN. WIDTH OF PAINTED LINES IS 6", COLOR BLUE.
- ADJACENT DISABLED PARKING STALLS MAY SHARE A SINGLE 5 FOOT WIDE ACCESS AISLE.
- NO PARKING STALL SHALL BE PLACED DIRECTLY IN FRONT OF A DRIVEWAY.
- FOR ON-STREET PARKING, ANGLED AND 90° PARKING IS NOT ALLOWED, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF THE DEPARTMENT OF RESILIENCE AND PUBLIC WORKS.

**CITY OF MIAMI**  
DEPARTMENT OF RESILIENCE & PUBLIC WORKS  
**MINIMUM PARKING STANDARDS (ADA PARKING STALLS)**

DETAIL R-39  
DATE: 04/23/20

**HANDICAP SYMBOL PAINTING DETAIL**  
N.T.S.

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CONTACT: RICARDO RODRIGUEZ  
CITY PROJECT MANAGER  
PARKS DEPARTMENT  
PHONE: 305-416-1359

DRAWING TITLE:  
**PAVING AND GRADINGS DETAILS**

IGNACIO SERRALLIA, P.E.  
LICENSE NO. 45609  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
1/30/2024

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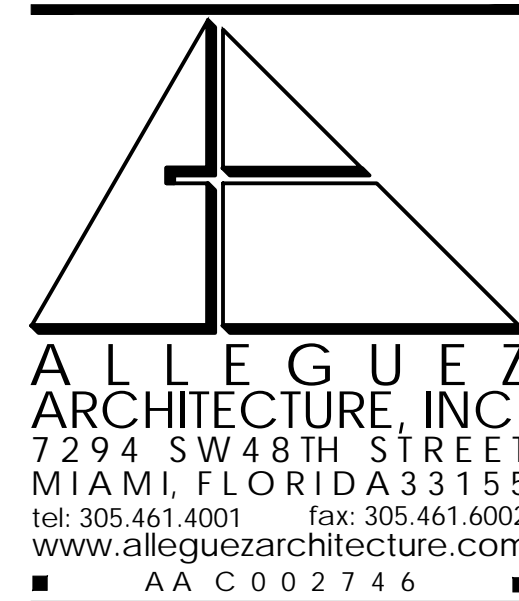
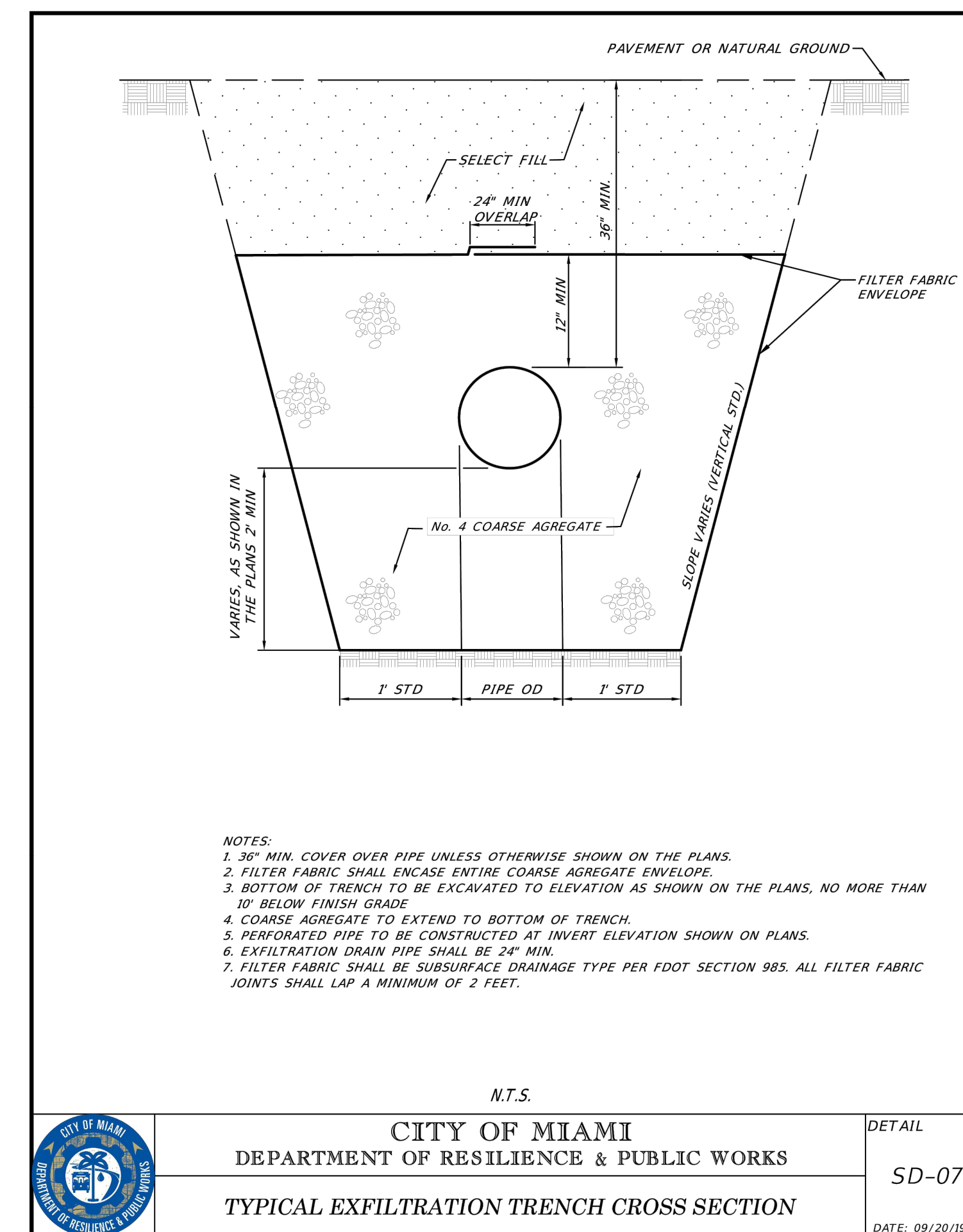
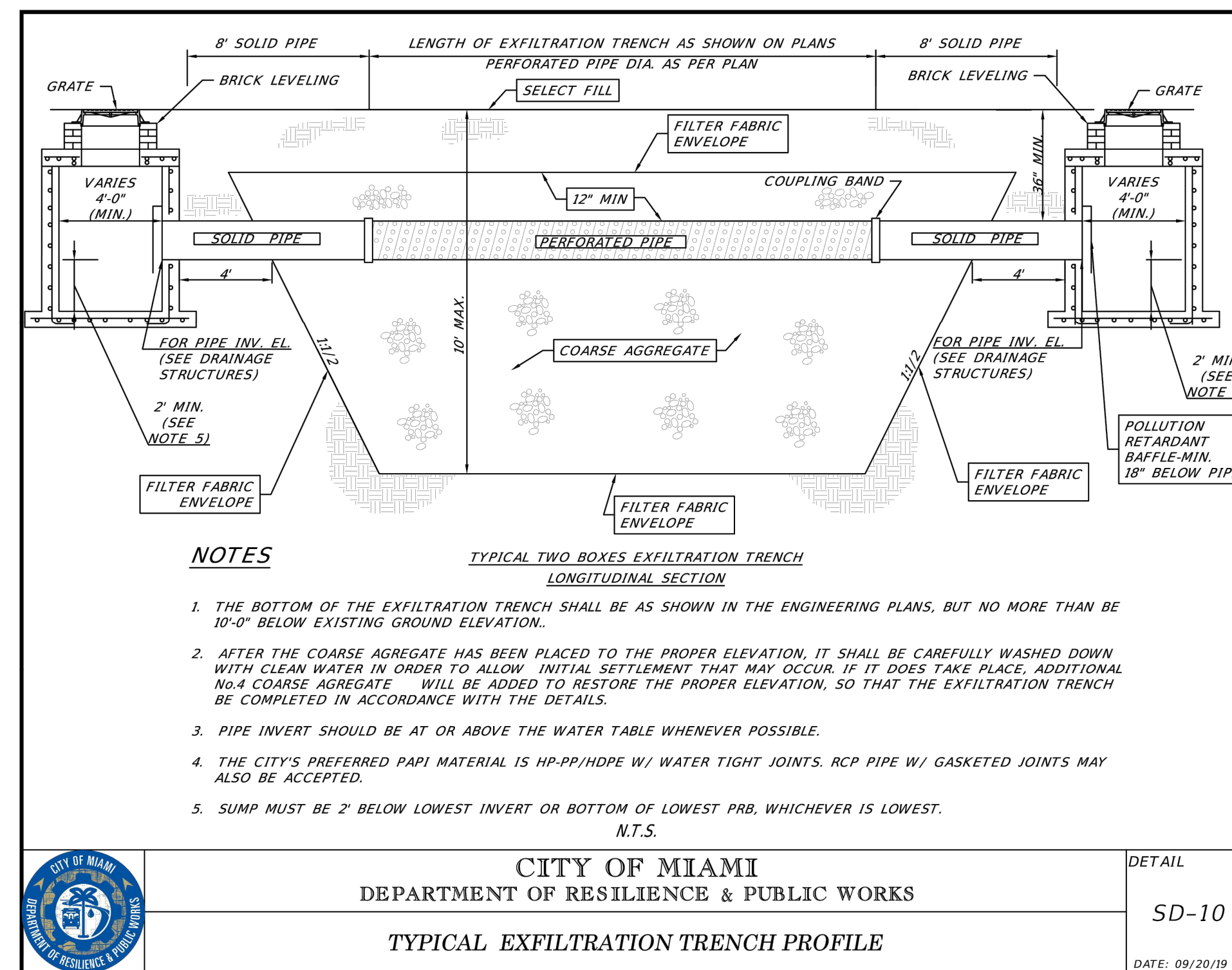
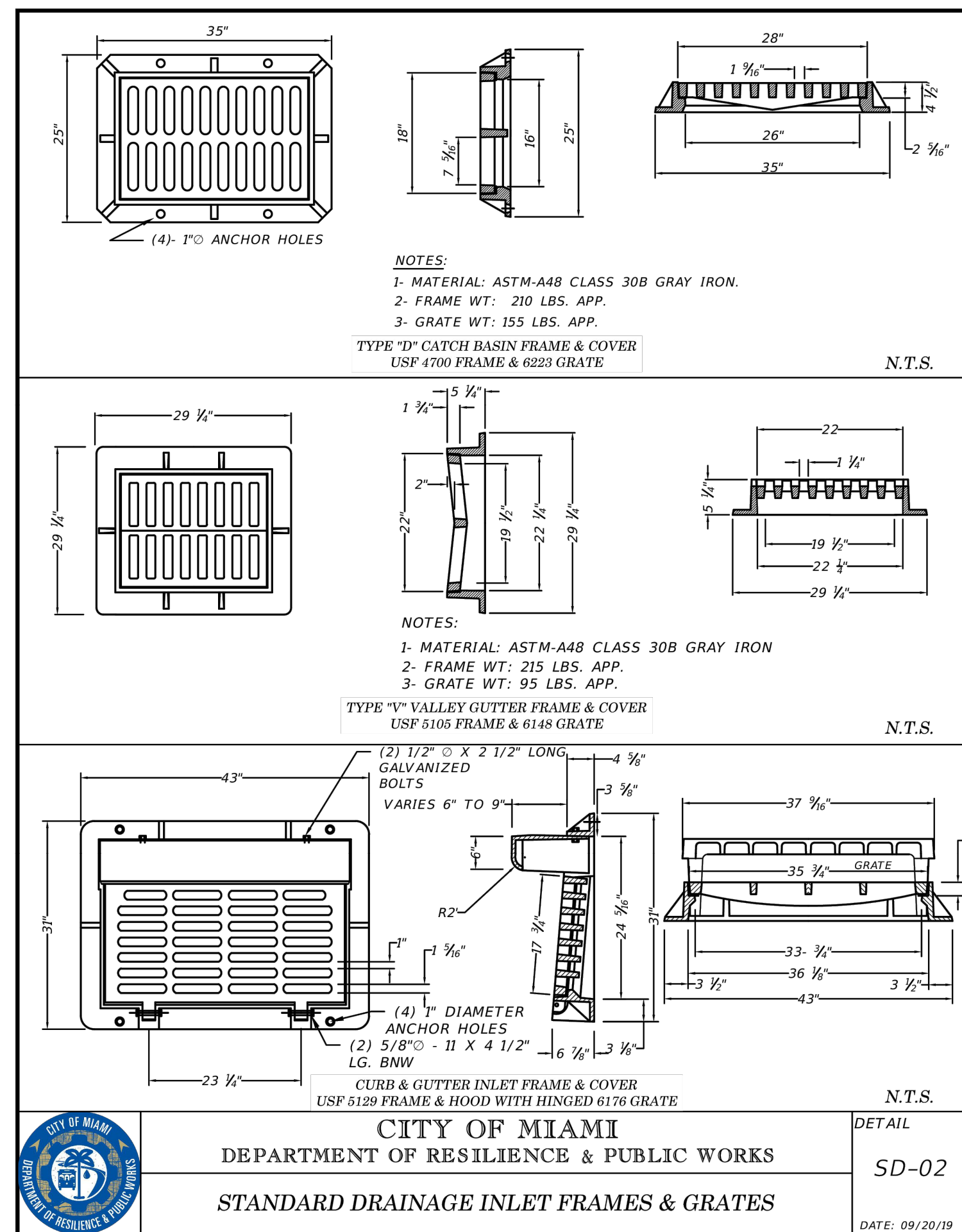
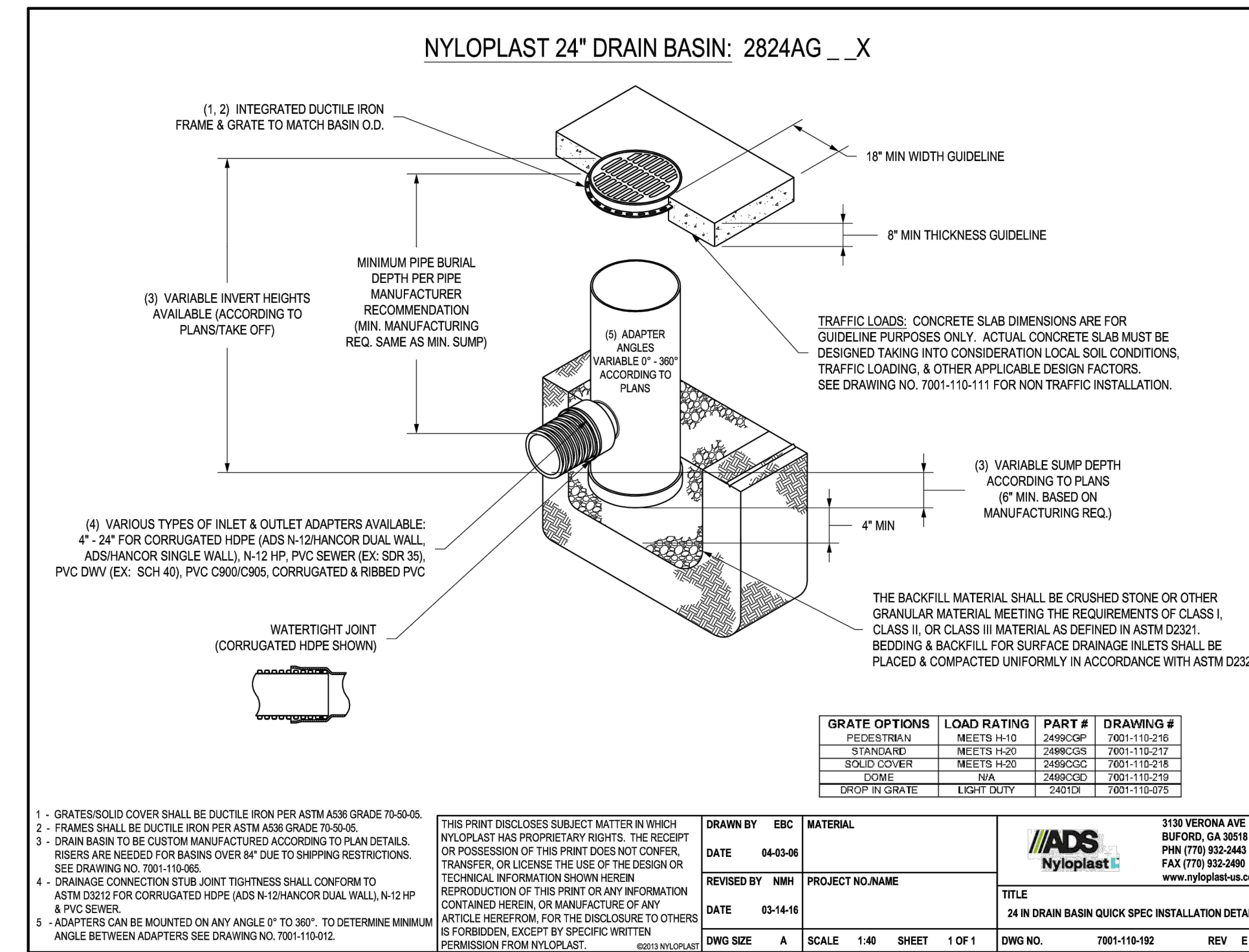
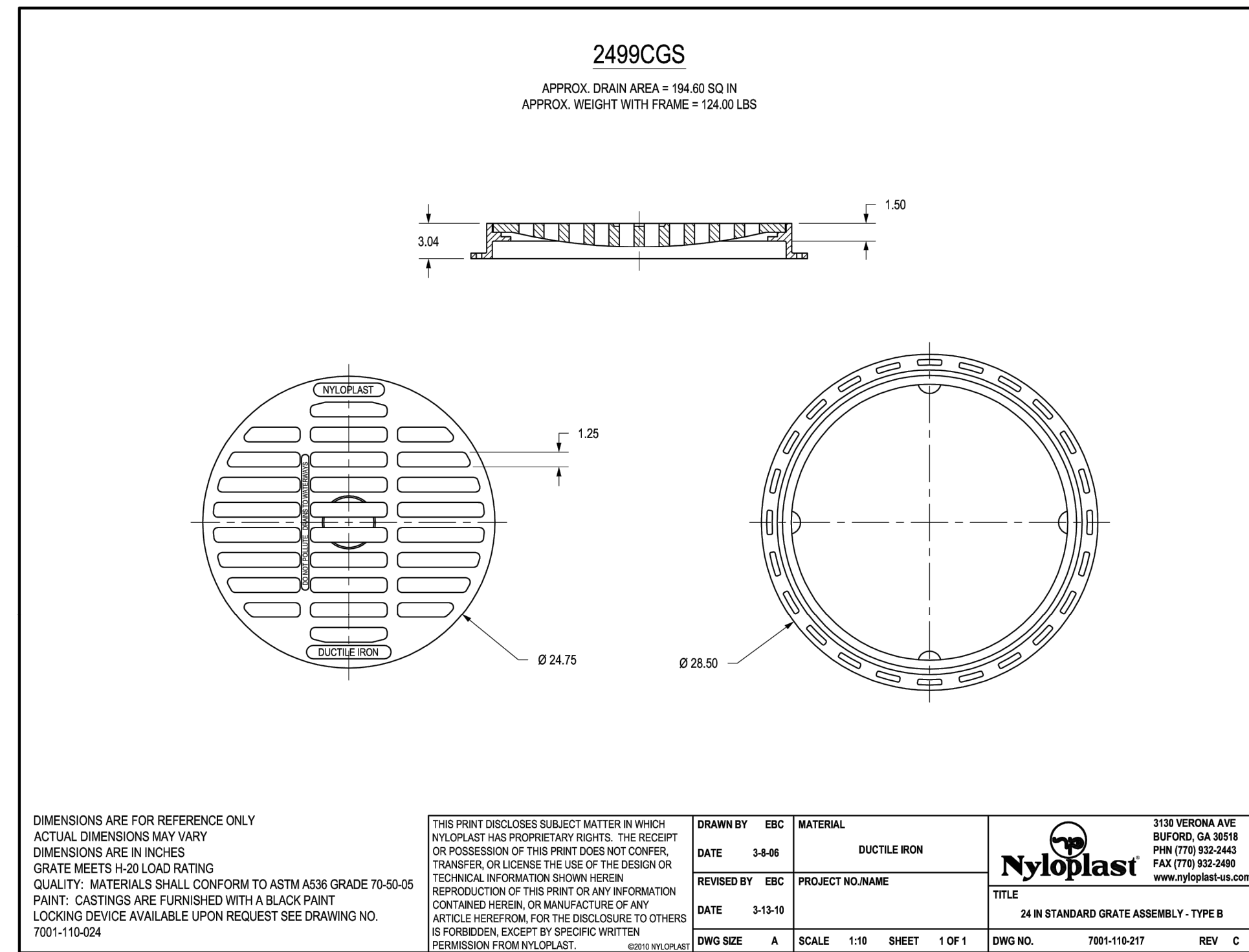
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LICENSE NO. 45609

REVISION: 01/31/2024 DERM & PLAN UPDATE

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CAD DRAWING NAME:

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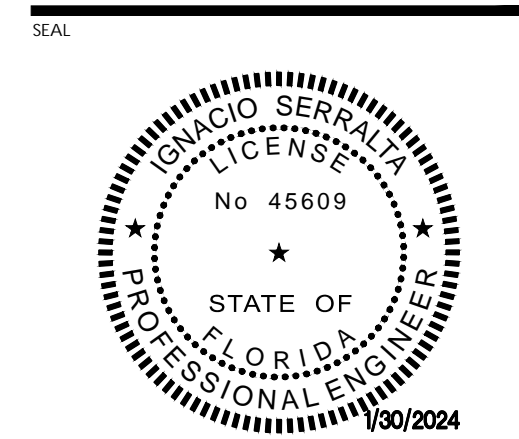
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DRAWING TITLE:  
**DRAINAGE DETAILS**



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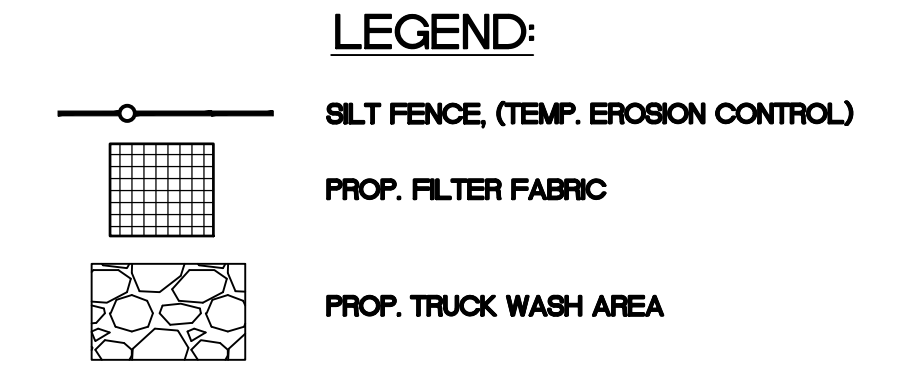
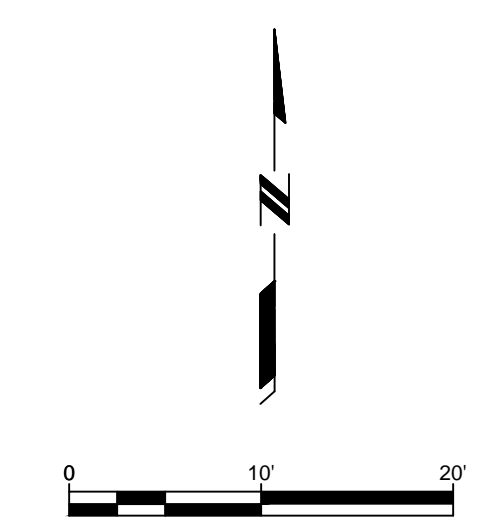
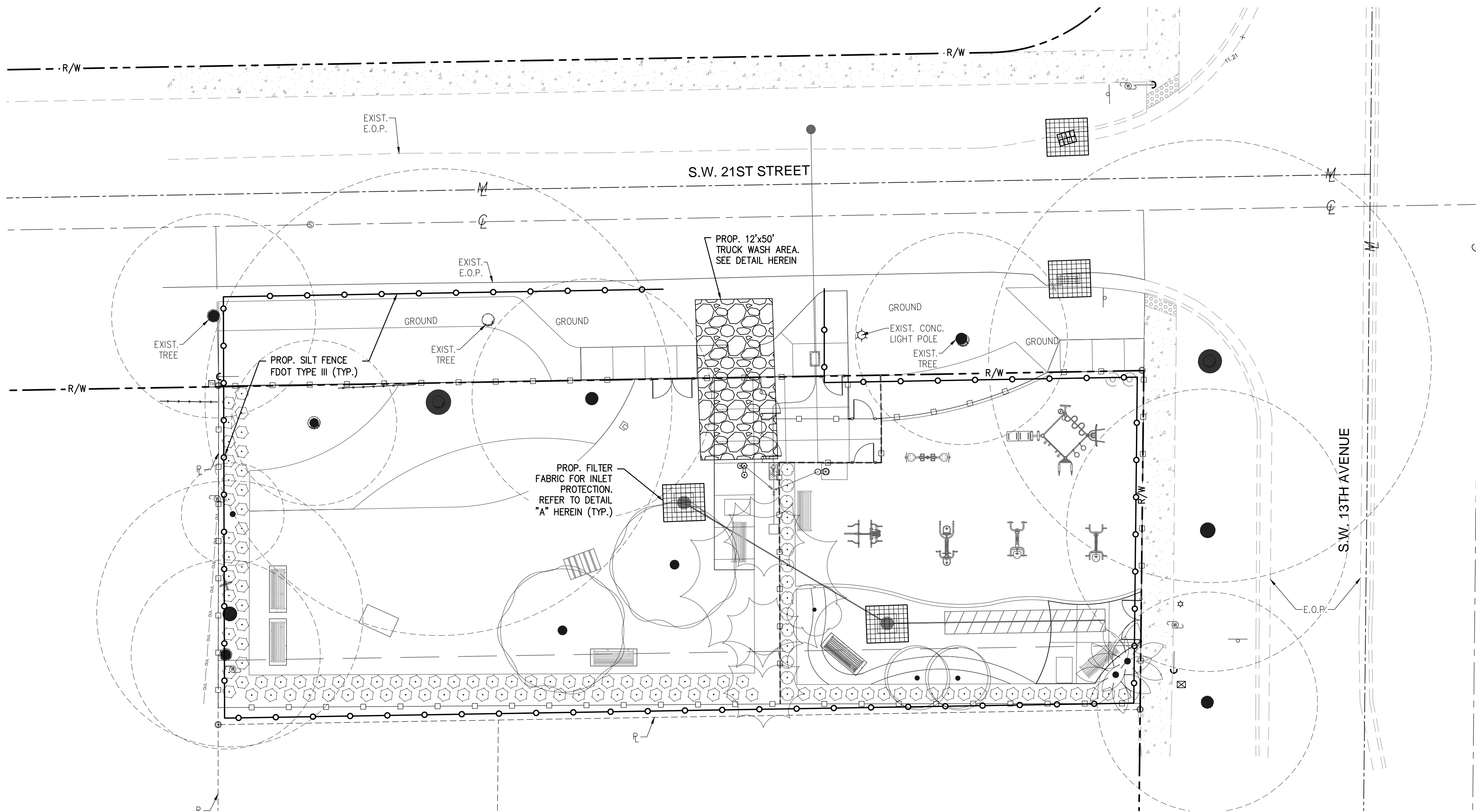
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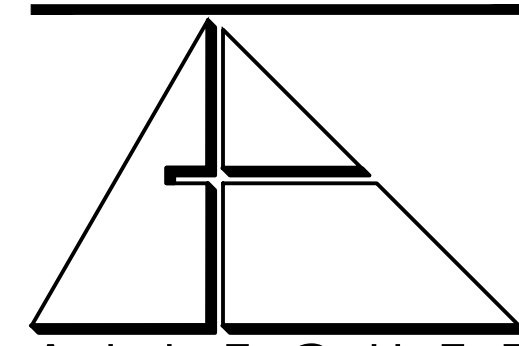
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- GENERAL NOTES:**
- TEMPORARY EROSION SHALL BE IMPLEMENTED PRIOR TO AND DURING CONSTRUCTION, AND PERMANENT CONTROL MEASURES SHALL BE COMPLETED WITHIN 7 DAYS OF ANY CONSTRUCTION ACTIVITY.
  - SILT FENCES SHALL BE INSTALLED AND MAINTAINED AT ALL LOCATIONS AS INDICATED ON PLANS. SILT FENCES SHALL REMAIN IN PLACE IN ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND SOILS ARE, STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.
  - FILTER FABRIC SHALL BE INSTALLED AT ALL NEW INLETS DURING CONSTRUCTION.
  - FILTER FABRIC SHALL BE INSTALLED AT EXISTING INLETS LOCATED IN SWALE AREA
  - ROCK BAG SHALL BE PROVIDED ON EXIST INLETS LOCATED IN C&G, OR VALLEY GUTTER
  - FOR ADDITIONAL STRENGTH FILTER FABRIC MATERIAL CAN BE ATTACHED TO A 6" (MAX.) MESH WIRE SCREEN WHICH HAS BEEN FASTENED TO THE POSTS.
  - THE FABRIC MATERIAL AND THE WIRE MESH SHALL NOT EXTEND MORE THAN 36" (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
  - SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND REMOVE SEDIMENT WHEN NECESSARY.
  - REMOVE SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED
  - SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY



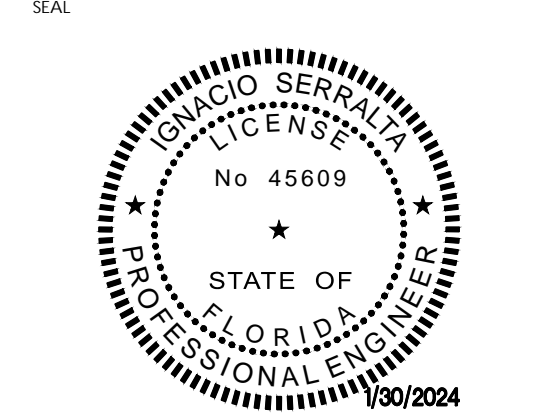
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 1320 SW 21st, MIAMI, FLORIDA, 33145  
 CONTACT: RICARDO RODRIGUEZ  
 CITY PROJECT MANAGER  
 PARKS DEPARTMENT  
 PHONE: 305-416-1359

DRAWING TITLE:  
**STORMWATER POLLUTION AND PREVENTION PLAN**

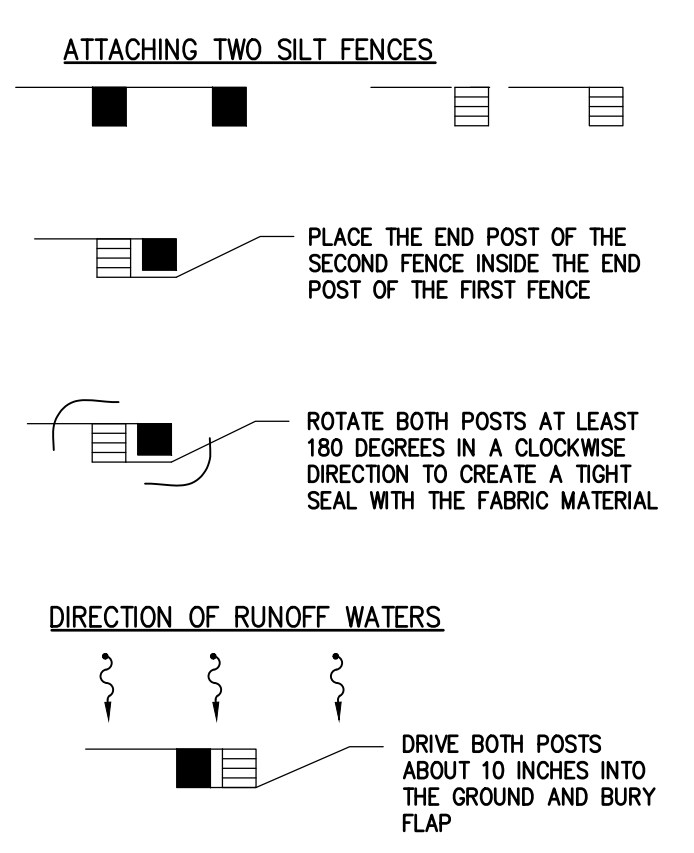
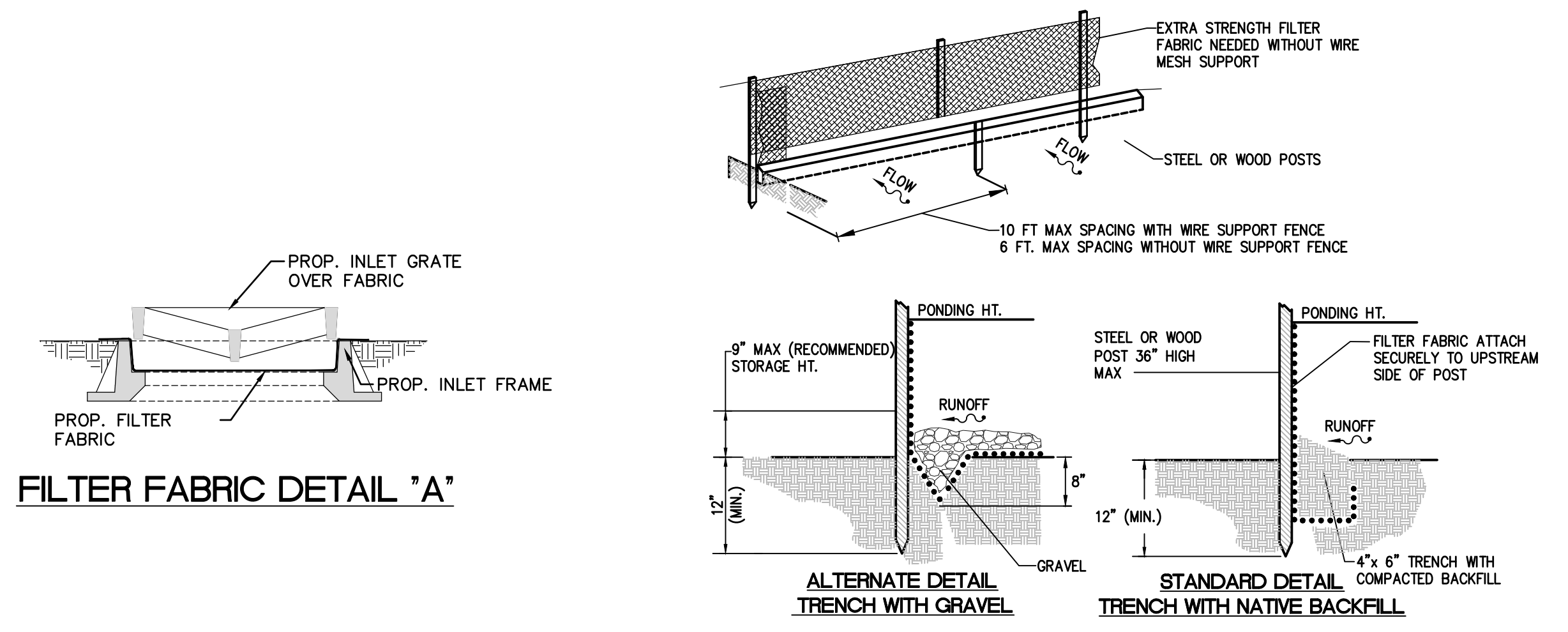


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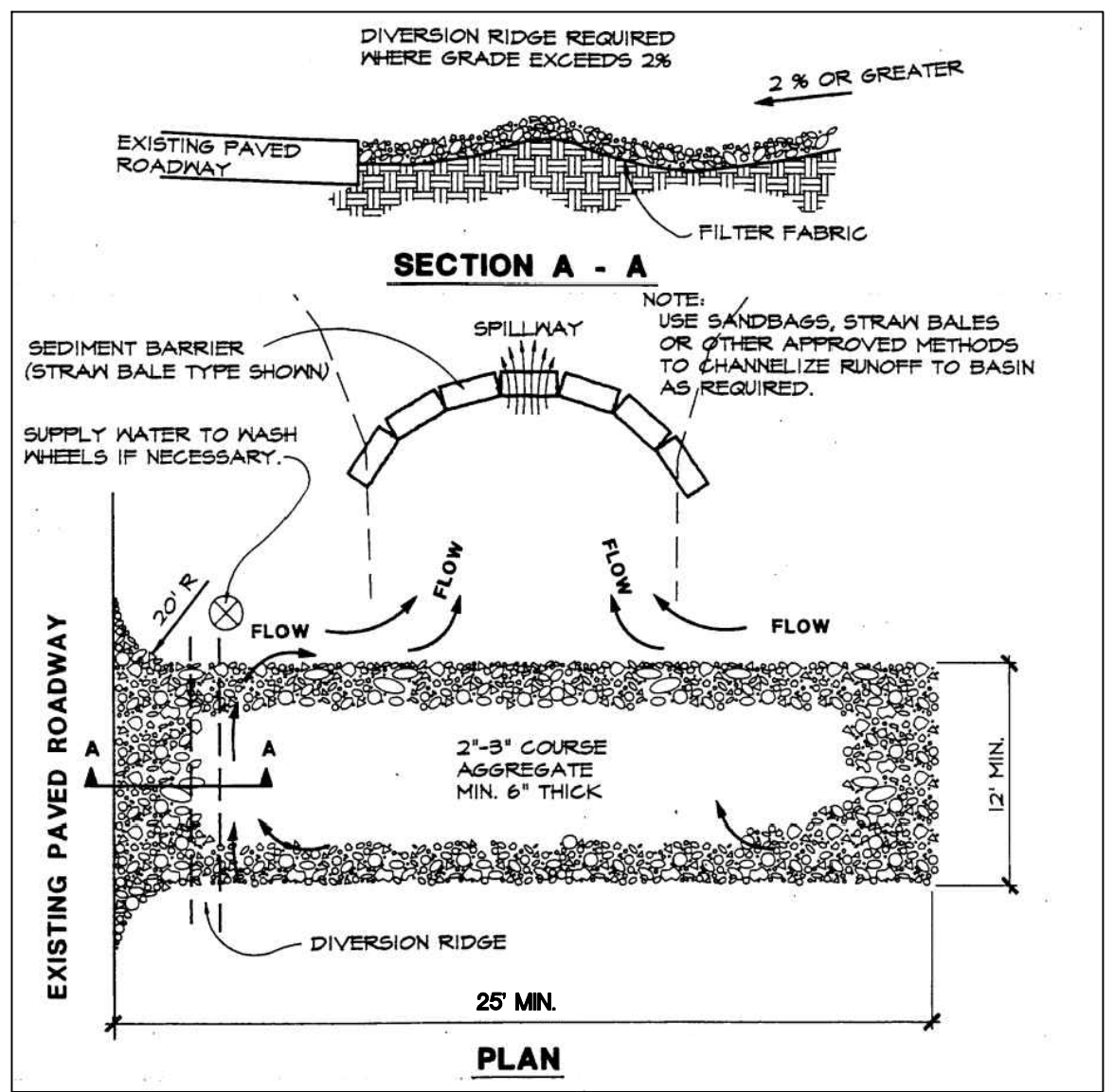
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**NOTES:**

- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.



**TRUCK WASH AREA DETAIL**  
 N.T.S.

SWPPP - NARRATIVE

1 PROJECT/SITE DESCRIPTION

a. CONSTRUCTION ACTIVITY:
DRAINAGE: INSTALLATION OF CATCH BASINS, PIPES AND EXFILTRATION TRENCH.
WATER SERVICE: INSTALLATION OF WATER METER, PRESSURE VACUUM BREAKER, PIPES, WATER VALVES, IRRIGATION CONTROLLER, AND DRINKING FOUNTAINS.
PARKING: LAYING DOWN ASPHALT PAVEMENT, BASE AND SUB-BASE, CONCRETE SIDEWALKS AND CURBS.
PARK STRUCTURE: CONSTRUCTION OF THE EXERCISE AREA ON REINFORCED CONCRETE PAD WITH A POURED IN PLACE RUBBER SURFACE AND INSTALLATION OF THE FITNESS AND DOG EQUIPMENT.

PROJECT LIMITS:
EAST: SW 13TH AVENUE
SOUTH: LOT 1 IN BLOCK 1 FOLIO #01-4139-094-0001 AS DESCRIBED IN MIAMI-DADE COUNTY OFFICIAL
NORTH: SW 21ST STREET
WEST: LOT 3 IN BLOCK 1 FOLIO #01-4111-008-0020 AS DESCRIBED IN MIAMI-DADE COUNTY OFFICIAL

PROJECT DESCRIPTION:
THE PROJECT ENTAILS THE CONSTRUCTION OF A DOG PARK AND FITNESS PARK (0.174 AC), LOCATED IN THE CITY OF MIAMI. ALSO INCLUDES THE CONSTRUCTION OF A PARKING, DRAINAGE SYSTEM, WATER SERVICE CONNECTION AND INSTALLATION OF FITNESS EQUIPMENT.

b. MAJOR SOIL DISTURBING ACTIVITIES:
CLEARING & GRUBBING
REGULAR EXCAVATION
GRADING SLOPES
REMOVAL OF EXISTING PAVEMENT
EARTHWORK ASSOCIATED WITH SUBGRADE, BASE, AND PAVEMENT
ROADWAY CONSTRUCTION

c. TOTAL PROJECT AREA:
LESS THAN 0.5 ACRE

TOTAL AREA TO BE DISTURBED:
LESS THAN 0.5 ACRE

(1) RUNOFF COEFFICIENTS BEFORE, DURING, AND AFTER CONSTRUCTION:
BEFORE: 0.30
DURING: 0.43
AFTER: 0.47

(2) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:
N/A

(3) ESTIMATES OF SIZE OF DRAINAGE AREA FOR EACH OUTFALL:
N/A

e. FOR LOCATIONS OF DRAINAGE AREAS AND OUTFALLS :
N/A

f. (1) NAME OF RECEIVING WATERS:
MS4-FLO00002

(2) WETLAND AREA:
N/A

2 CONTROLS
NARRATIVE - SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS:
PRIOR TO THE START OF CLEARING AND GRUBBING OPERATIONS, SILT FENCE, WIND SCREEN AND SYNTHETIC BALES SHALL BE INSTALLED AS SHOWN ON THE PLANS FOR EACH PHASE OF CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. THE SILT FENCE, SHALL REMAIN IN PLACE UNTIL THE CONSTRUCTION IS COMPLETED OR AS DIRECTED BY THE ENGINEER. TEMPORARY SODDING, PERMANENT SODDING, ETC SHALL BE PLACED IN DISTURBED SOILS. ALL DISCHARGE FROM DEWATERING PUMPS WILL BE DIRECTED PER APPLICABLE PERMITS. REFER TO SWPPP PAGE 12 FOR ADDITIONAL INFORMATION.

a. EROSION AND SEDIMENT CONTROLS:
(1) STABILIZATION PRACTICES:
TEMPORARY SODDING
TEMPORARY GRASSING
PERMANENT PLANTING, SODDING, OR SEEDING
TEMPORARY MULCHING
ARTIFICIAL COVERING
BUFFER ZONES
PRESERVATION OF NATURAL RESOURCES
X OTHER : THE CONTRACTOR IS TO MAINTAIN THE EXISTING VEGETATION WHEREVER POSSIBLE AND PERFORM DAILY DUST CONTROL.

(1) STRUCTURAL PRACTICES:
SAND BAGGING
X SILT FENCES
WIND SCREEN
SYNTHETIC BALES
BERMS
DIVERSION, INTERCEPTOR, OR PERIMETER DITCHES
X PIPE SLOPE DRAINS
FLUMES
X ROCK BEDDING AT CONSTRUCTION EXIT
TIMBER BEDDING AT CONSTRUCTION EXIT
DITCH LINER
SEDIMENT TRAPS
SEDIMENT BASINS
STORM INLET SEDIMENT TRAP
STONE OUTLET STRUCTURES
X CURBS AND GUTTERS
X STORM SEWERS
VELOCITY CONTROL DEVICES
TURBIDITY BARRIER
RIP RAP
OTHER : FILTER FABRIC.

b. DESCRIPTION OF STORM WATER MANAGEMENT:
N/A

c. OTHER CONTROLS:
(1) WASTE DISPOSAL:
ANY CONSTRUCTION DEBRIS GENERATED AS A RESULT OF THIS PROJECT WILL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER AT AN APPROPRIATE WASTE DISPOSAL FACILITY
a.) CONCRETE WASH OUT LOCATIONS WILL BE PROVIDED IN AREAS WHERE THE DISPOSAL MATERIALS WILL BE CONTAINED SO AS TO PREVENT DISCHARGE OUTSIDE OF THE PROJECT LIMITS AND INTO THE WATERWAYS. AND STORM DRAINS AND PREVENT EXPOSURE OF THE PUBLIC TO CONCRETE WASH WATER AND UNCURED CONCRETE.
b.) NEW DRAINAGE STRUCTURES WILL BE PROTECTED WITH SYNTHETIC BALES AND/OR FILTER FABRIC.
c.) STAGING AREAS WILL BE LOCATED WITHIN THE PROJECT WORK ZONE UNLESS REQUESTED OTHERWISE FOR APPROVAL
d.) LITTER WILL BE DEPOSITED IN APPROPRIATE LOCATIONS. A DUMPSTER MAY BE PROVIDED AT THE SITE DEPENDING ON THE AMOUNT OF LITTER GENERATED.
e.) LOADED TRUCKS WILL BE COVERED WITH TARPES
f.) SWEEPERS AND/OR WATER TRUCKS WILL BE PROVIDED TO REDUCE DUST DAILY.
g.) SOIL PREVENTION TRACKING WILL BE INSTALLED AS PER THE SWPPP AND/OR AS DIRECTED BY CITY INSPECTOR.
ENSURE APPLICATION OF DUST CONTROL WATER IS PROPERLY CALIBRATED TO CONTROL DUST WITHOUT CAUSING SEDIMENT LADEN RUNOFF.

(2) OFFSITE VEHICLE TRACKING:
HAUL ROADS DAMPENED FOR DUST CONTROL
X LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
X EXCESS DIRT ON ROAD REMOVED DAILY
STABILIZED CONSTRUCTION ENTRANCE
X WATER TRUCK SCHEDULING
X STREET SWEEPING (DAILY)
OTHER :

(3) SANITARY WASTE:
N/A

(4) FERTILIZERS, PESTICIDES AND TREES:
NO FERTILIZERS OR PESTICIDES WILL BE USED AT THE SITE. PROTECT ALL TREES WITHIN PROJECT LIMITS THAT ARE TO REMAIN AS PER FDOT INDEX No. 544.

(5) TOXIC SUBSTANCES:
TOXIC SUBSTANCES WILL NOT BE STORED AT THE SITE. CONTRACTOR IS RESPONSIBLE TO ENSURE PROPER USE STORAGE, AND DISPOSAL OF ALL POTENTIALLY HAZARDOUS MATERIALS, PER APPLICABLE SAFETY DATA SHEETS AND MANUFACTURER'S LABEL INSTRUCTIONS AND ALL APPLICABLE REGULATIONS, CONTRACTOR TO PROVIDE SAFETY DATA SHEETS WHICH HAVE BEEN UPDATED WITHIN THE PAST 3 YEARS TO PROJECT MANAGER.

NOTE FOR SYNTHETIC BALES OR BALE TYPE BARRIERS
1. TYPE I AND II SYNTHETIC BARRIER SHOULD BE SPACED IN ACCORDANCE WITH CHART I, SHEET I PER CITY OF MIAMI DESIGN STANDARDS 35-89-6.
2. BALES SHALL BE ANCHORED WITH 2-1" X 2" (OR 1" DIA.) X 4' WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
3. RAILS AND POST SHALL BE 2" X 4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER.
4. ADJACENT BALES SHALL BE BUFFED FIRMLY TOGETHER.
5. WHERE USED IN CONJUNCTION WITH SILK FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.

(6) NON-STORM WATER DISCHARGE (INCLUDING SPILL REPORTING):
NO NON-STORMWATER DISCHARGES ARE ANTICIPATED AT THIS TIME. CONTAMINATED SOIL OR GROUNDWATER ENCOUNTERED SHALL BE REPORTED IMMEDIATELY TO THE CITY PERSONNEL IN ACCORDANCE WITH PW BULLETIN No. 25. IF DEWATERING IS IMPLEMENTED, THE WATER WILL BE DEPOSITED IN A CONTROLLED AREA ON-SITE TO PREVENT OFF-SITE DISCHARGE OR AS APPROVED BY PERMIT.

(7) EROSION CONTROL DEVICES
LOCATIONS AND TYPES OF ALL EROSION CONTROL DEVICES SHALL BE INSTALLED AS DIRECTED BY PLAN AND/OR BY THE CITY OF MIAMI. CONTRACTOR SHALL IMPLEMENT THE SWPPP AS PER THE CONTRACT PLANS AND MAY BE REVISED BASED ON ACTUAL FIELD CONDITIONS AT THE TIME WORK IS BEING PERFORMED. FIELD MODIFICATIONS TO BE SUBMITTED TO THE CITY OF MIAMI FOR APPROVAL. MONITORING SHALL BE PERFORMED ON A WEEKLY BASIS AND AFTER A 1/2" STORM EVENT WITH ROUTINE MAINTENANCE AND REPLACEMENT OF ANY DEVICES AS REQUIRED. CONTAINMENT OR REMOVAL OF POLLUTANTS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE, COUNTY AND CITY OF MIAMI REGULATIONS AND/OR FDOT STANDARD SPECIFICATIONS. THE RESPONSIBLE PERSONS FOR MONITORING AND MAINTAINING THE EROSION CONTROL DEVICES SHALL BE:
CONTRACTOR: TELEPHONE:

REMARKS:
IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT PROJECT ENGINEER.

d. APPROVED STATE, LOCAL PLANS, OR STORM WATER PERMITS: (CHECK ALL THAT APPLY)
1. NPDES PERMIT (0.5 ACRE OR MORE)
2. NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR PROJECTS DISTURBING MORE THAN 1 ACRE.
3. DADE COUNTY DEPARTMENT ON ENVIRONMENTAL RESOURCE MANAGEMENT (DERM) CLASS II-STORMWATER MANAGEMENT PERMIT AND DEWATERING PERMIT.
4. ENVIRONMENTAL RESOURCES (ERP) PERMIT FROM THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD)
5. U.S. ARMY CORP OF ENGINEERS DREDGE AND FILL PERMIT.
6. SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) RIGHT-OF-WAY USE PERMIT.
7. PUBLIC WORKS EXCAVATION PERMIT
8. POLICE
9. TREE PERMIT
10. CITY DEWATERING PERMIT

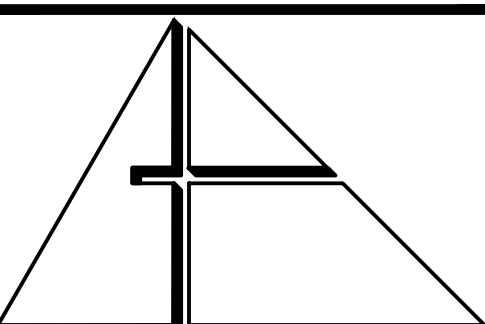
3. MAINTENANCE
ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD OF THE HEIGHT OF THE FENCE.
PROTECT ALL INLETS SURROUNDING CONSTRUCTION SITE.
STREET SWEEPING AND DUST PREVENTION MUST BE IMPLEMENTED DAILY.

4. INSPECTION
QUALIFIED PERSONNEL FROM THE CONTRACTOR SHALL INSPECT THE FOLLOWING ITEMS DAILY THROUGHOUT THE CONSTRUCTION PERIOD.
PREPARATION OF THE CONTRACTOR'S WEEKLY REPORT OF INSPECTION, MAINTENANCE AND REPAIRS FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE PAY ITEMS. WHERE SITES HAVE BEEN FINALLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED WEEKLY.
POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES
POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS
DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED
AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
STRUCTURAL CONTROLS
STORMWATER MANAGEMENT SYSTEMS
LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE
STREET SWEEPING AND DUST CONTROL

c. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. IF REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF THE REPORT
d. REMOVE EXCESS DIRT FROM ALL ROADS ADJACENT TO PROJECT AREA ON A DAILY BASIS.
e. SEDIMENT FOUND IN DRAINAGE INSPECTION WILL REQUIRE DRAINAGE SYSTEM CLEANING BY CONTRACTOR.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) CHECKLIST

- A. SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS:
1. CLEARING AND GRUBBING
2. INSTALL DRAINAGE STRUCTURES
3. STABILIZATION
4. BASE PREPARATION
5. ASPHALT APPLICATION
6. PLACEMENT OF ROCK BAGS AROUND INLETS
7. PLACEMENT OF ROCK BAGS AROUND MANHOLES
8. APPLICATION OF FRICTION COURSE A.C.
9. INSTALLATION OF STREET SIGNING
10. PAVEMENT MARKING
11. REMOVE ROCK BAGS
12. CLEAN ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE
B. GENERAL
1. APPROVED STATE, LOCAL PLANS OR STORM WATER PERMITS.
2. ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES.
3. ALL CONTROLS SHALL BE INSPECTED DAILY.
4. APPLY FERTILIZERS AND PESTICIDES ACCORDING TO STANDARD SPECIFICATIONS, DESIGN AND SPECIAL PROVISIONS.
5. REPORT NON-STORM WATER DISCHARGE (INCLUDING SPILL) (305) 416-1200.
6. VISIT www.dep.state.fl.us/water/stormwater/npdes/
7.



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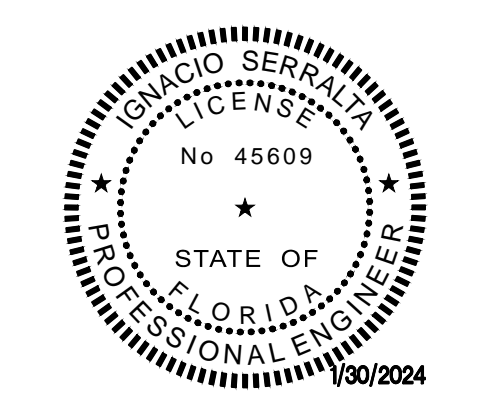
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STORMWATER POLLUTION AND PREVENTION PLAN NOTES

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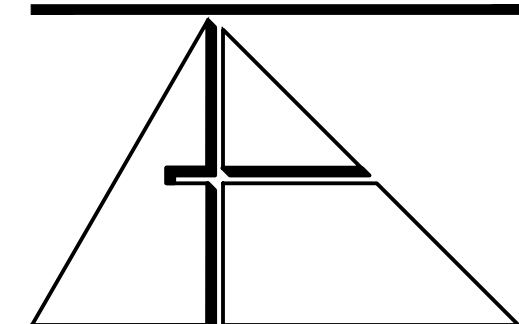
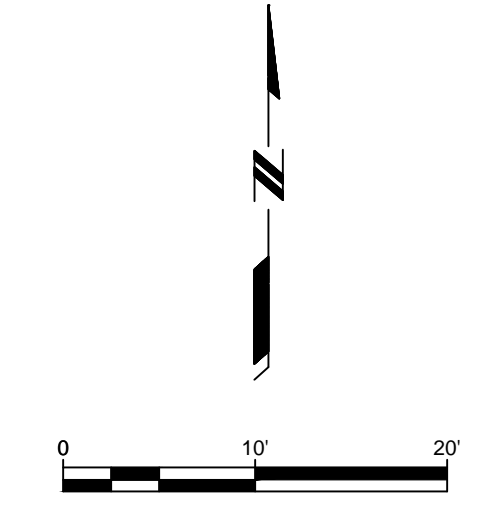
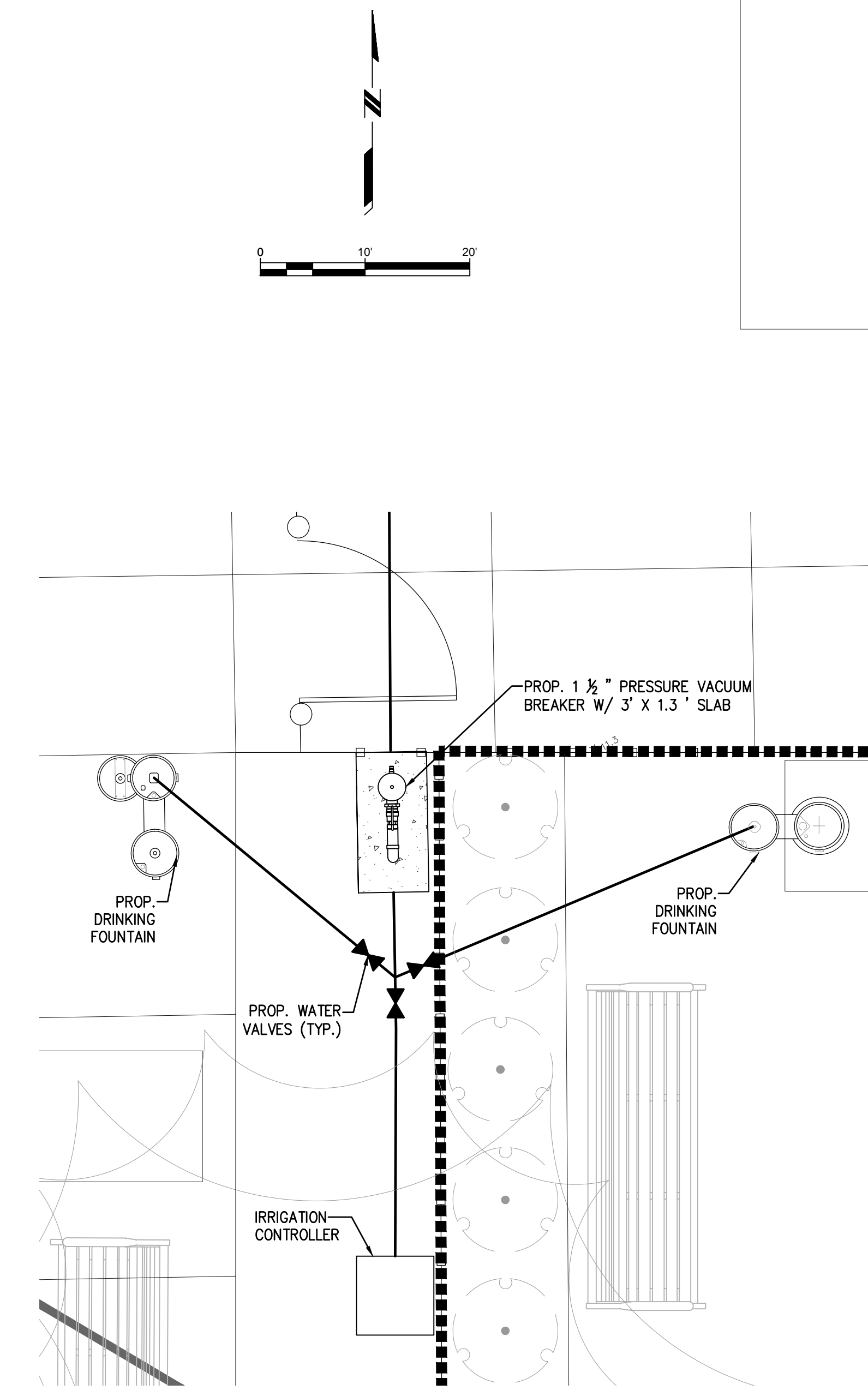
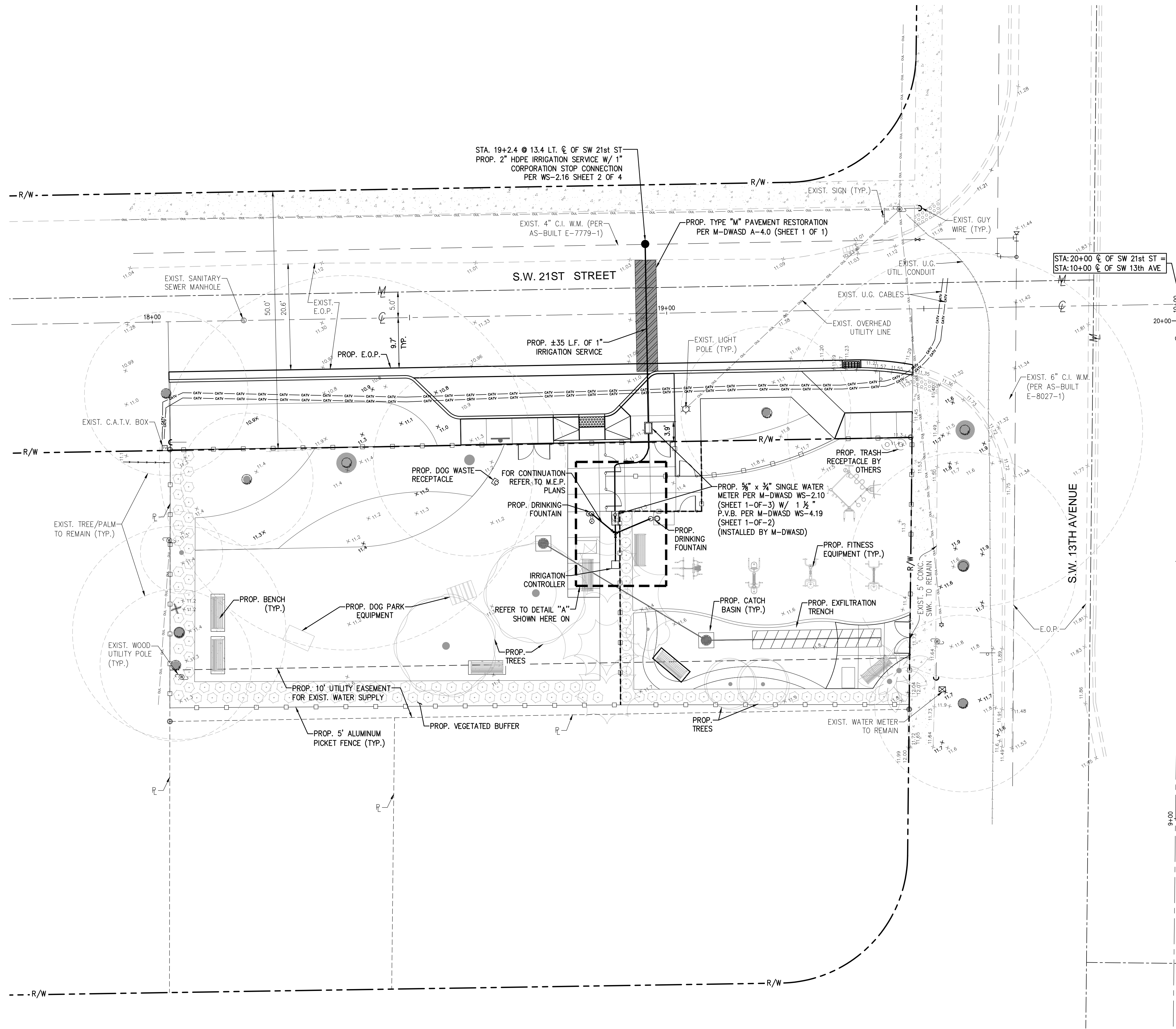
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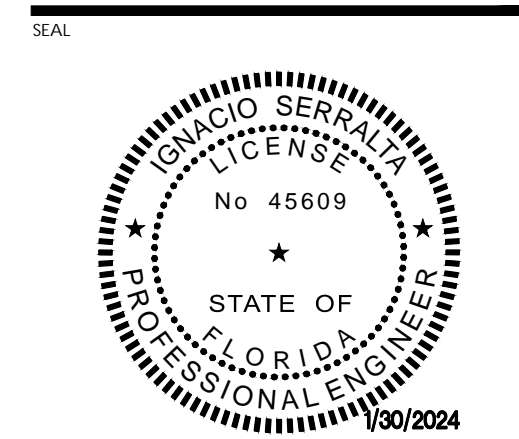
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 CONTACT: RICARDO RODRIGUEZ  
 CITY PROJECT MANAGER  
 PARKS DEPARTMENT  
 PHONE: 305-416-1359

DRAWING TITLE:  
**WATER SERVICE CONNECTION PLAN**



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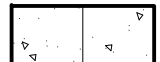
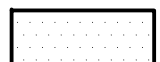
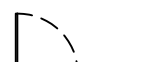
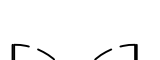

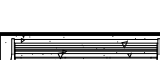
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PERMIT SET

REVISION:	01/31/2024 DERM & PLAN UPDATE
CAD DRAWING NAME:	
SHEET NO.:	

CWS-03

# DRAWING LEGEND

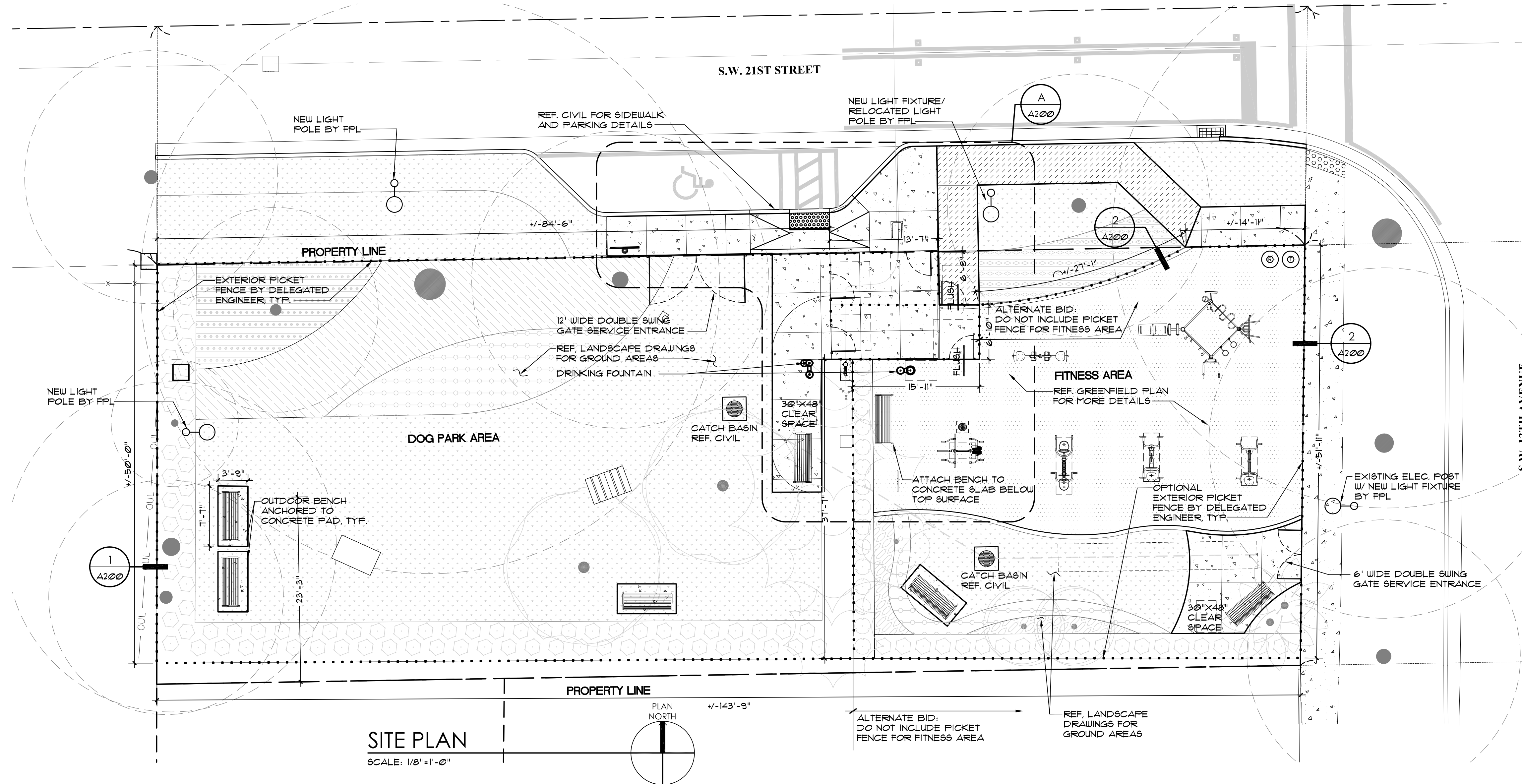
-  CONCRETE PAVEMENT WALKWAY  
REF. CIVIL DRAWINGS
-  FITNESS AREA REF. GREENFIELD PLAN  
FOR MORE DETAILS
-  SWING GATE
-  DOUBLE SWING GATE
-  PRE-FINISHED METAL PICKET FENCE  
BY DELEGATED ENGINEER
-  BENCH FURNITURE ON CONCRETE  
PAD

## SITE PLAN NOTES

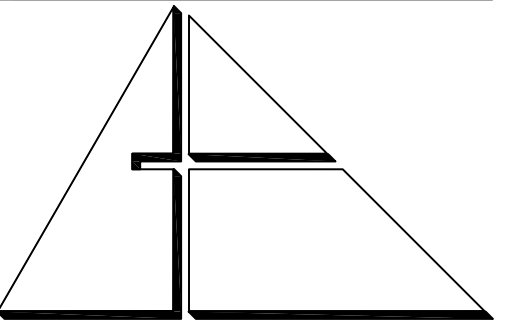
1. FOR LOT DIMENSIONS, BEARINGS, UTILITIES LOCATION AND GENERAL SITE INFORMATION, REFER TO SURVEY DRAWINGS.
2. FOR SITE GEOMETRY, GRADING, PAVING, DRAINAGE, SIGNAGE, PARKING DIMENSIONS & DETAILS AND SITE UTILITIES DETAILS REFER TO CIVIL DRAWINGS.
3. FOR LANDSCAPE LAYOUT, REFER TO LANDSCAPING DRAWINGS.
4. FOR SITE LIGHTING DETAILS, REFER TO ELECTRICAL DRAWINGS.
5. GENERAL CONTRACTOR SHALL COORDINATE STAGING WITH A/E.
6. ALL SITE ACCESSIBLE ROUTES CROSS SLOPES NOT TO EXCEED 1:50 (2%) COORDINATE WITH CIVIL DRAWINGS.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OR RELOCATION OF ALL OBSTRUCTIONS WITHIN THE RIGHT OF WAY PRIOR TO STARTING NEW CONSTRUCTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING THE RELOCATION OF ALL UTILITIES. A UTILITY RELOCATION SCHEDULE SHALL BE SUBMITTED PRIOR TO THE START OF NEW CONSTRUCTION.
9. THE CONTRACTOR SHALL CONTACT THE CITY AT LEAST TWO FULL WORKING DAYS PRIOR TO CONSTRUCTION.
10. ALL BROKEN OR DISPLACED EXISTING CONCRETE CURBS, GUTTER, OR SIDEWALK SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE CITY.
11. ALL CITY FACILITIES, ALLEYS AND ROADWAY SURFACES DAMAGED BY CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED/RESTORED TO THE SATISFACTION OF THE CITY.
12. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING FACILITIES CAUSED BY THE CONTRACTOR'S CONSTRUCTION ACTIVITY AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE CITY.

## CODE SUMMARY

PROJECT NAME:	1320 MINI PARK NEW DOG & FITNESS PARK
ADDRESS:	1320 SW 21 <sup>ST</sup> MIAMI FL 33145
COUNTY:	MIAMI-DADE COUNTY
PARCEL ID:	0141100001E
LOTE AREA-PR:	1692 SQ.FT.
<b>ZONING:</b>	
ZONE:	T3-O TO BE CHANGED TO C9
EXISTING BUILDING USE:	VACANT LAND-GOVERNMENTAL
EXISTING LAND USE:	CIVIC
<b>SETBACKS:</b>	
PRIMARY FRONTAGE SETBACK	20 FT.
FROM SW 13 <sup>TH</sup> AVENUE:	
SECONDARY FRONTAGE SETBACK	10 FT.
FROM SW 21 <sup>ST</sup> STREET:	
SIDE AND REAR:	15 FT.



**SITE PLAN**  
SCALE: 1/8"=1'-0"



**ALLEGUEZ ARCHITECTURE, INC.**  
7294 SW 48<sup>TH</sup> STREET  
MIAMI, FLORIDA 33155  
tel: 305.461.4001 fax: 305.461.6002  
www.alleguezarchitecture.com  
AA C 0 2 7 4 6

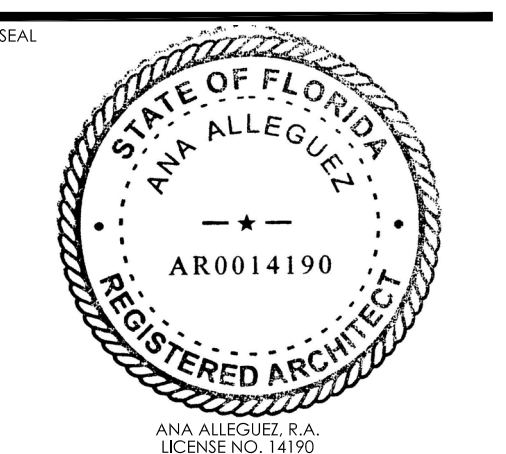
CONSULTANTS:  
**LANDSCAPE ARCHITECTS:**  
**CURTIS ROGERS + DESIGN STUDIO**  
7520 S. RED RD., STE M  
SOUTH MIAMI, FLORIDA, 33143  
TEL: (305) 442 1774  
**CIVIL ENGINEER:**  
**SRS ENGINEERING**  
5001 SW 74<sup>TH</sup> COURT, SUITE 201  
MIAMI, FL 33155  
TEL: (305) 662-8887 FAX: (305) 662-8858

**MEP ENGINEER:**  
**FRAGA ENGINEERS**  
135 SAN LORENZO AVENUE  
CORAL GABLES, FLORIDA 33146  
TEL: (305) 444-8210

**FITNESS EQUIPMENT:**  
**GREEDFIELDS OUTDOOR FITNESS, INC.**  
2617 W. WOODLAND DR,  
ANAHEIM, CA 92801  
PH 888.315.9037 FAX: 866.308.9719

PROJECT:  
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NEW DOG & FITNESS  
PARK**  
1320 SW 21<sup>ST</sup>, MIAMI,  
FLORIDA, 33145  
CONTACT: RICARDO RODRIGUEZ  
CITY PROJECT MANAGER  
PARKS DEPARTMENT  
PHONE: 305-416-1359

DRAWING TITLE:  
**ARCHITECTURAL  
SITE PLAN**



DATE: DECEMBER 15th, 2023

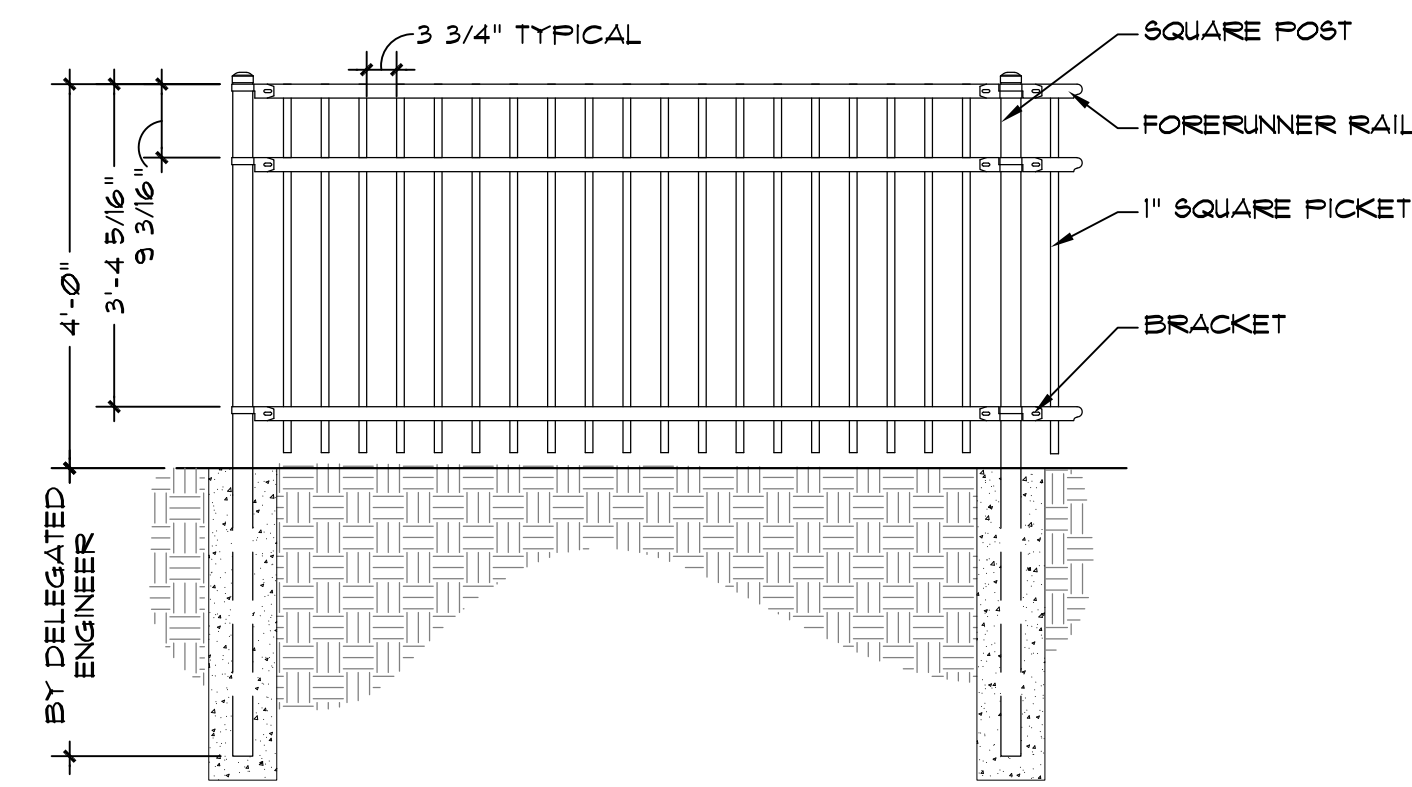
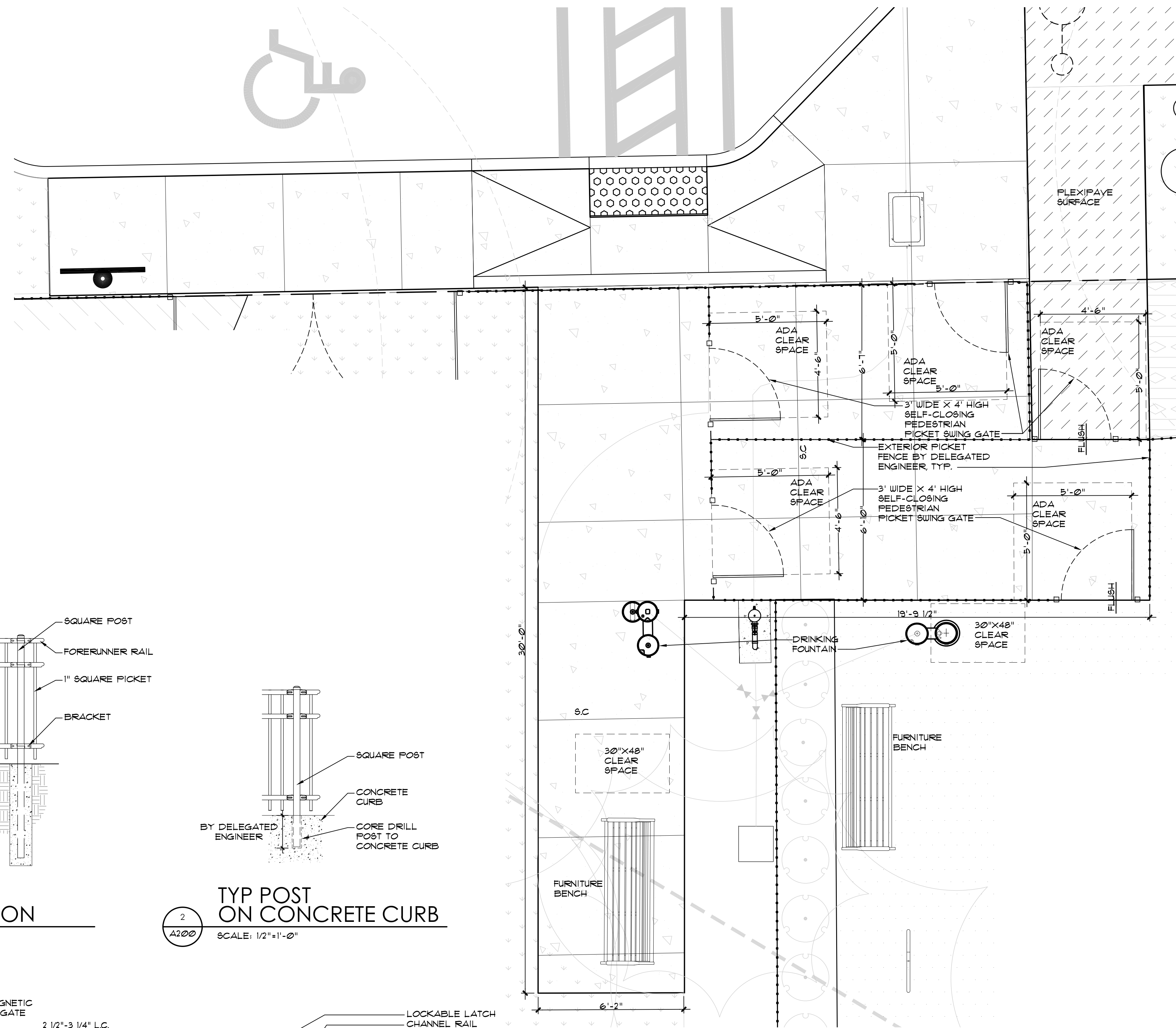
REVISION: 01/31/2024 PERM & PLAN UPDATE

CAD DRAWING NAME: AS100.dwg

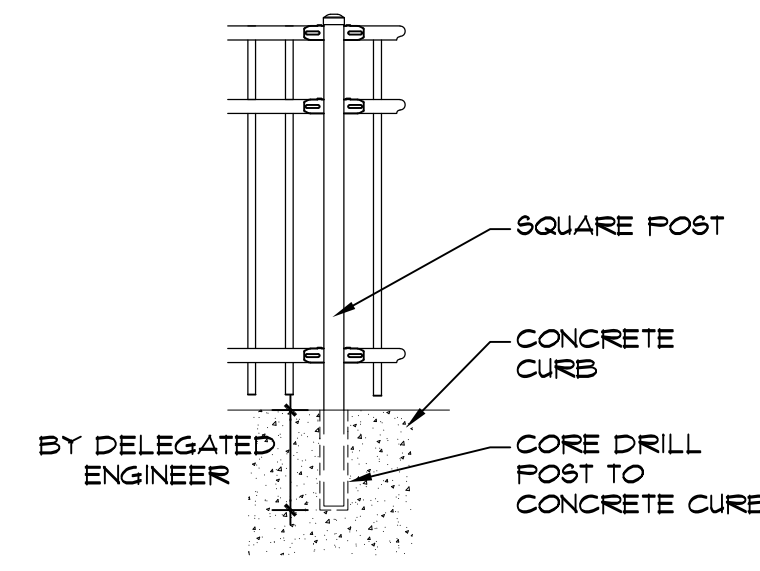
SHEET NO. **AS100**  
NEW SHEET

PERMIT SET

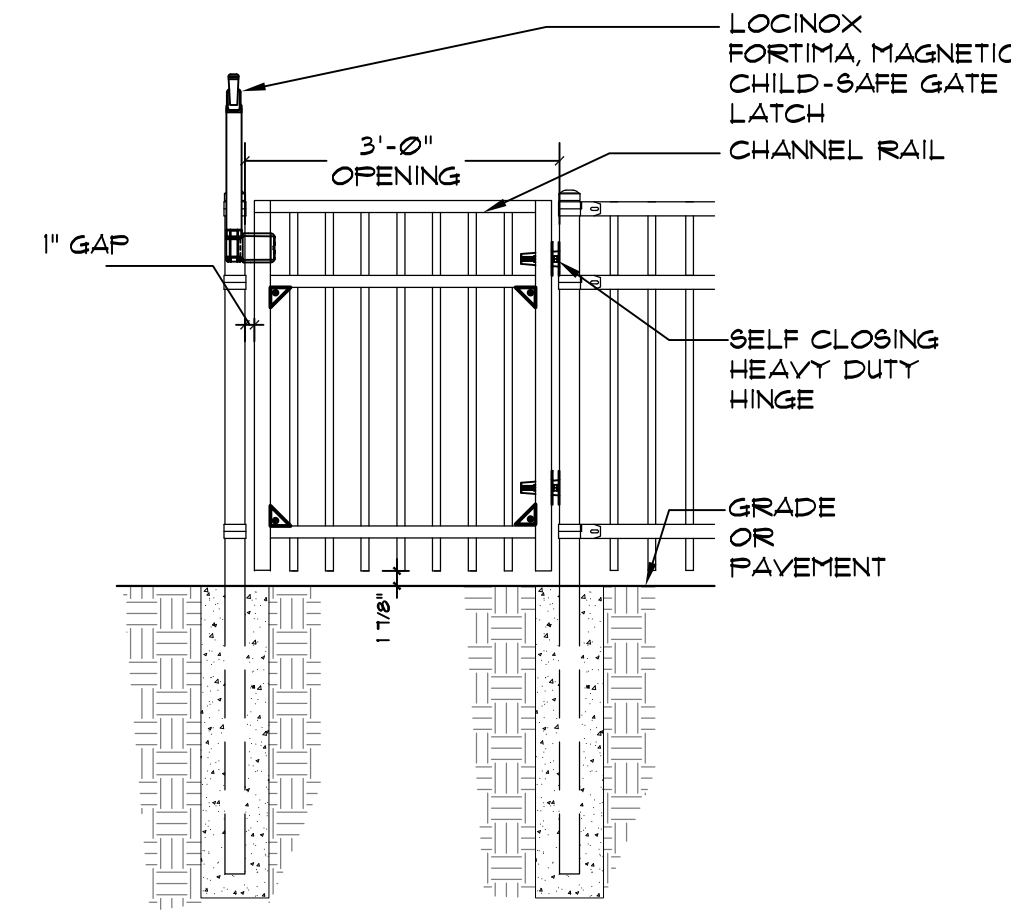




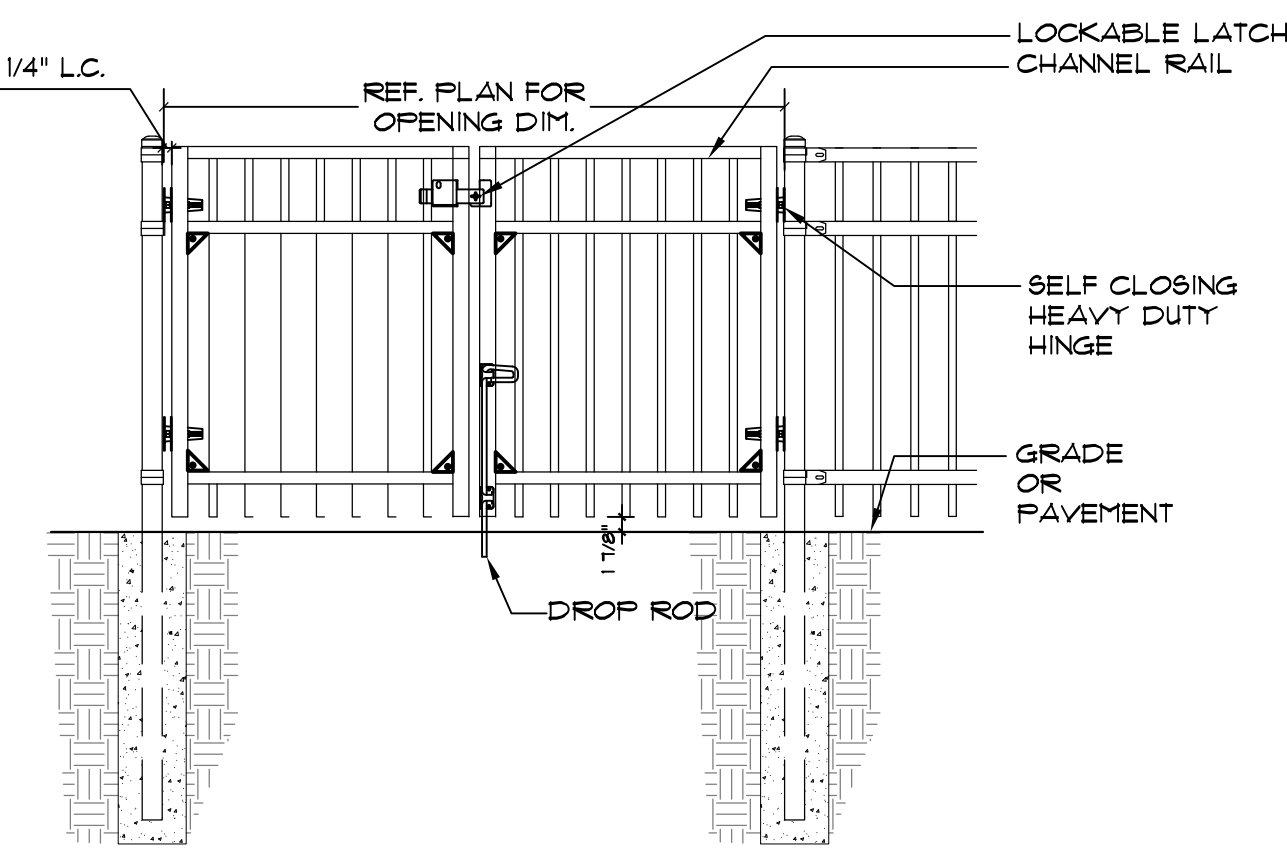
1 TYPICAL FENCE ELEVATION  
SCALE: 1/2"=1'-0"



2 TYP POST ON CONCRETE CURB  
SCALE: 1/2"=1'-0"

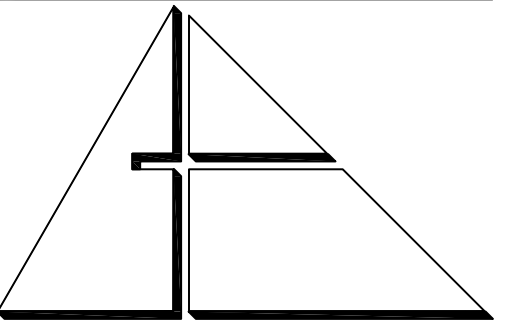


3 PEDESTRIAN GATE ELEVATION  
SCALE: 1/2"=1'-0"



4 DOUBLE SWING GATE ELEVATION  
SCALE: 1/2"=1'-0"

**STEEL GATE SPECIFICATION**  
 BASIS OF DESIGN USED FOR FENCE AND GATE: "AERISTAR BY ASEA ABL01"  
 CONTACT PERSON: MR. TIM SMITH, AERISTAR PERIMETER SECURITY USA, INC.  
 PHONE: 916-219-8716 (DIRECT) 800-333-3422  
 EMAIL: TIM@THINKASEAABL01.COM  
 FENCE MODEL: TBD  
 GATE MODEL: TBD  
 COLOR: BLACK  
 THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, APPEARANCES NECESSARY FOR INSTALLATION OF THE WELDED ORNAMENTAL STEEL FENCE.  
 WARRANTY: ALL STRUCTURAL FENCE COMPONENTS (IE: RAILS, PICKETS, AND POSTS) SHALL BE WARRANTED WITHIN SPECIFIED LIMITATIONS, BY THE MANUFACTURER FOR A PERIOD OF 20 YEARS FROM DATE OF ORIGINAL PURCHASE. WARRANTY SHALL COVER ANY DEFECTS IN MATERIAL FINISH, INCLUDING CRACKING, PEELING, CHIPPING, BLISTERING OR CORRODING.  
 MONTAGE PLUS  
 STEEL MATERIAL FOR FENCE PANELS AND POSTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A653/A653M, WITH A MINIMUM YIELD STRENGTH OF 45,000 PSI AND A MINIMUM ZINC (HOT-DIP GALVANIZED) COATING, COATING DESIGNATION G-60, WEIGHT OF 0.60 OZ/FT.  
 FINISH: THE MANUFACTURED PANELS AND POSTS SHALL BE SUBJECTED TO AN IN-LINE ELECTRODE POSITION COATING (E-COAT) PROCESS CONSISTING OF A MULTI-STAGE PRETREATMENT WASH, FOLLOWED BY A DUPLEX APPLICATION OF AN EPOXY PRIMER AND AN ACRYLIC TOPCOAT. THE MINIMUM CUMULATIVE COATING THICKNESS OF EPOXY AND ACRYLIC SHALL BE 2 MILS (0.050 MM). THE COATED PANELS AND POSTS SHALL BE CAPABLE OF MEETING THE (NOTE) THE PERFORMANCE REQUIREMENTS FOR EACH QUALITY CHARACTERISTIC SHOWN IN TABLE 2. REQUIREMENTS IN TABLE 2 MEET OR EXCEED THE COATING PERFORMANCE CRITERIA OF ASTM F2408.



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 A A C 0 0 2 7 4 6

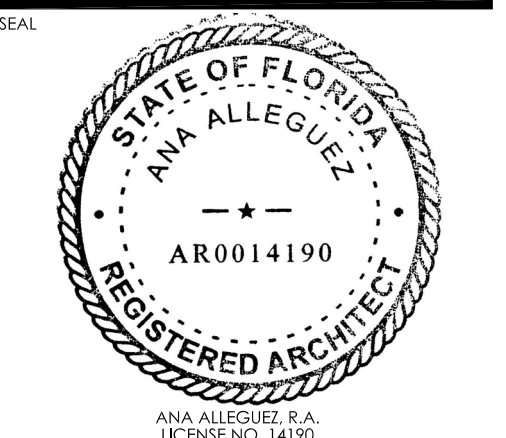
CONSULTANTS:  
 LANDSCAPE ARCHITECTS:  
**CURTIS ROGERS + DESIGN STUDIO**  
 7520 S. RED RD., STE M  
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 PARKS DEPARTMENT  
 PHONE: 305-416-1359

DRAWING TITLE:  
**ARCHITECTURAL  
 SITE PLAN**

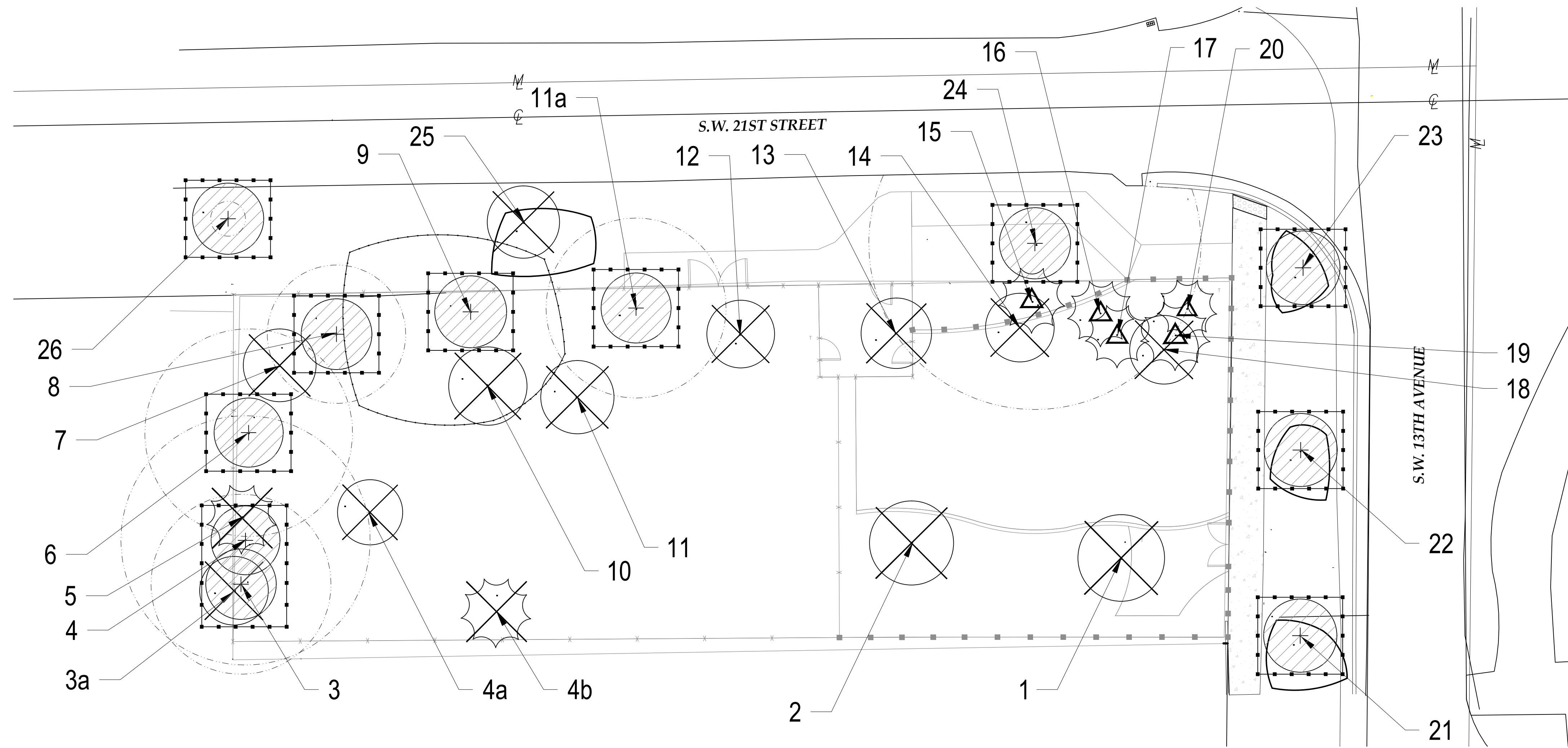


DATE: DECEMBER 15th, 2023

REVISIONS:  
 1. 01/31/2024 DERM 4 PLAN UPDATE

CAD DRAWING NAME: A200.dwg  
 SHEET NO.:  
**A200**  
 NEW SHEET

PERMIT SET



**LEGEND**

	TREE/PALM TO REMAIN
	TREE PROTECTION FENCE (TYP)
	CRITICAL ROOT ZONE (TYP)
	CANOPY (TYP)
	TREE/PALM TO REMOVE
	TREE/PALM TO RELOCATE

1 TREE DISPOSITION PLAN Scale: 1" = 10'-0"

TREE DISPOSITION TABLE

Tree ID	Common Name	Scientific Name	DBH (IN)	Height (FT)	Spread (FT)	Condition	Critical Root Zone (FT)	Disposition
1	Umbrella Tree	<i>Schefflera actinophylla</i>	7	28	18	Good (Invasive)		Remove
2	Mango	<i>Magnifera indica</i>	22	50	50	Poor		Remove
3	Live Oak	<i>Quercus virginiana</i>	13	25	30	Moderate	13	Remain
3a	Live Oak	<i>Quercus virginiana</i>	5	20	10	Poor		Remove
4	Live Oak	<i>Quercus virginiana</i>	18	80	42	Good	18	Remain
4a	Neem	<i>Azadirachta indica</i>	14	35	35	Moderate		Remove
4b	Coconut Palm	<i>Cocos nucifera</i>	11	40	34	Good		Remove
5	Coconut Palm	<i>Cocos nucifera</i>	10	50	30	Good		Remove
6	Live Oak	<i>Quercus virginiana</i>	15	45	16	Moderate	15	Remain
7	Avocado	<i>Persea americana</i>	13	60	55	Poor		Remove
8	Live Oak	<i>Quercus virginiana</i>	10	35	26	Moderate	10	Remain
9	Strangler Fig	<i>Ficus area</i>	48	60	75	Good	48	Remain
10	Avocado	<i>Persea americana</i>	8	35	30	Poor		Remove
11	Avocado	<i>Persea americana</i>	17	35	36	Poor		Remove
11a	Strangler Fig	<i>Ficus area</i>	13	40	38	Good	13	Remain
12	Mango	<i>Magnifera indica</i>	15	40	25	Good		Remove
13	Mango	<i>Magnifera indica</i>	24	50	38	Moderate		Remove
14	Royal Palm	<i>Roystonea regia</i>	13	25	0	Dead		Remove
15	Christmas Palm	<i>Adonidia merrillii</i>	7	24	10	Good		Relocate
16	Christmas Palm	<i>Adonidia merrillii</i>	8	17	12	Good		Relocate
17	Christmas Palm	<i>Adonidia merrillii</i>	18	28	26	Good		Relocate
18	Pleomele	<i>Dracaena reflexa</i>	5	13	12	Not Regulated		Remove
19	Christmas Palm	<i>Adonidia merrillii</i>	18	20	20	Good		Relocate
20	Christmas Palm	<i>Adonidia merrillii</i>	5	14	10	Good		Relocate
21	Black Olive	<i>Bucida buceras</i>	25	70	35	Good	25	Remain
22	Black Olive	<i>Bucida buceras</i>	32	70	45	Good	32	Remain
23	Black Olive	<i>Bucida buceras</i>	32	80	70	Good	32	Remain
24	Slash Pine	<i>Pinus elliotii</i>	24	60	45	Moderate	24	Remain
25	Mahogany	<i>Swietenia mahagoni</i>	8	20	18	Moderate		Remain
26	Mahogany	<i>Swietenia mahagoni</i>	12	35	32	Moderate	12	Remain

CITY OF MIAMI TREE MITIGATION CALCULATIONS

Total trees to be removed:	9	
Total trees to be mitigated for:	8	
Total palms to be removed:	3	See Palm Mitigation Calculation Table
Total TREE(S) DBH (in.) to be mitigated:	118	
Total required replacement trees at Min. 12' Ht., 2" DBH, 6' Spread =	40	Or \$42,000 to Tree Trust Fund
or		
Total required replacement trees at Min. 16' Ht., 4" DBH, 8' Spread =	20	
Total proposed replacement trees at Min. 12' Ht., 2" DBH, 6' Spread =	2	
Total proposed replacement trees at Min. 16' Ht., 4" DBH, 8' Spread =	2	

CITY OF MIAMI PALM MITIGATION CALCULATIONS

Total palms to be removed:	3
Total palms that require mitigation:	2
Total required replacement with two palms at 16' OA Ht., 6" DBH	4
Total proposed replacement palms	2

TREE NUMBER	SCIENTIFIC NAME	COMMON NAME	DIAMETER (INCHES)	BOND VALUE FOR SPECIMEN TREES TO REMAIN
4	Live Oak	<i>Quercus virginiana</i>	18	\$ 12,000
9	Strangler Fig	<i>Ficus area</i>	48	\$ 40,000
11a	Strangler Fig	<i>Ficus area</i>	13	
21	Black Olive	<i>Bucida buceras</i>	25	\$ 20,000
22	Black Olive	<i>Bucida buceras</i>	32	\$ 24,000
23	Black Olive	<i>Bucida buceras</i>	32	\$ 24,000
24	Slash Pine	<i>Pinus elliotii</i>	24	\$ 16,000
26	Mahogany	<i>Swietenia mahagoni</i>	12	



CONSULTANTS:  
 LANDSCAPE ARCHITECTS:  
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 CITY PROJECT MANAGER  
 PARKS DEPARTMENT  
 PHONE: 305-416-1359

DRAWING TITLE:  
 TREE DISPOSITION  
 PLAN

SEAL:

AIDA CURRIS, R.L.A.  
 LICENSE NO. LA0007330  
 DATE: DECEMBER 15th, 2023

REVISED: 01/31/2024 DERM. & PLAN UPDATE

PERMIT SET  
 CAD DRAWING NAME:  
 SHEET NO.:

1001

**TREE RELOCATION NOTES**

**1.01 PERMITS AND CODES**

- A. T e C rac r all r c reall ece ar er acc l all e r .
- B. T e C rac r all ere le r r r all r acc rda ce alla lca lere la , rd a ce a d c d ere re e r r ea r raec ,c , ae ad rederal r d c e r ec l caed .
- C. All C rac r all ere le r r d all la rad aeral eeded c leel a d acc ra el er r e r l ed e e ec ca . E e a d aeral r ed all e e a r ra e e, ead a eeded ael acc l e ec ed r .
- D. All C rac r all ere le r r larl ec alle e e ed e e ad r r d c ed led re e a e a e a ce , a re e a da a e r r la d ca , r c re r ee r e .

**2.0 PREPARATION PRIOR TO TRANSPLANTING**

- A. Cr Pr
  - 1. Hard d ree r all e r ed re e dead r da a ed ra ce , a d ra e r red ce e l a eeded ac lae a d l , a d reced e C l Ar r . All r all e er r ed l l e lae re e A erca Na al Sa dard l e A-300 r a dard (ANSI A-300), e l l e ce :
  - 2. Pal all a e er l err d re ed , a re a , e r al la e. All l re ce ce a d r all ere ed r r rel ca . Cr all e ed- d r e e re e da a e .
- B. Wa er a d Fer l a
  - 1. Clear er all area all re aeral, ra , ec. e e d red l .
  - 2. Tree all edee ec er l ed , 24 r a er cr r , a 8 da r r r r . Fer l er all e "Mcr M " l da r d ced Le c , l c , ed l e da a ra e 1 all er 100 all aer .
  - 3. l ec r e e l r ed r all a erae 50 all l d er 1,000 are ee ree ca , l a r ed ra e e .
  - 4. Tree er r ed all e aered ee r r e era ce. D r er d, e l re er e all e a a e da a le l r r . T er reed ea a (2) ree (3) ce all ea led er eeac ee ac e dee aer e area.
- C. R Pr
  - 1. Be a lea 8 12 ee r r ree rel ca all ard d ree erel caed all a e er r ed .
  - 2. Hard d ree r da eer (DBH) 18 ce r reaer all a e er r ed e ara e era e e de e ree, l l ed e er e de e ree 8 12 ee laer. T e ree ca call e ed 8 12 ee a er e ec d r r era . C rac r all er e ree er re e .
  - 3. Pal d re r er r r r d ad . T e ca e r ed e a e da a rel ca .
  - 4. R all e r ard d ree all e a ed ANSI A-300 G del e (8 da eer er 1 DBH), e ara de ree- a d e- ec c c d .
  - 5. R all e r B arc al a d d ar ar al all e 36 48 ce da eer. R all e r l a a al , c c al , r r ca e al , a d dae al all e 24 36 ce da eer. R all e r ca a e al all e 12 18 ce da eer.
  - 6. R all de r all ree a d al erel caed all ea lea 18 24 ce , reaer l c d er .
  - 7. T ere all e e all a ce r eld ad e r all e a d de de e d ree a d ec d , a d reced e C l Ar r .
  - 8. R r all e er r ed a - r der r re re de e c a c are clea , a d r c r ear e ar , d r ca .
  - 9. F ll r r , eed e er all ard d ree a d al all e ac l led 70:30 la d ca e l , e ra ed r la d ec red re. T e re ce all e ac l led 70:30 la d ca e .
  - 10. l ca a e al a d c c al are ed e a e da e ar er - r ed, er all all re re ac l l a d ra .
  - 11. Bac l l Tre c :
  - 12. All re ce are e ac l led la l c a re 25 all r c ( r a r ede al) 60 a d a d 15 c . T re ce all e l ded re ear ce . F l l e re c .
  - 13. Re- e a l a 6" er , 12" de er r re c e ca aed l .
  - 14. M l c : S read F l r l c - r edded a le ca l c , 3" c e er ed area.
  - 15. Wa er A er R Pr
  - 16. Wa er a er r r all e ree e er ee .
  - 17. Wa er all e acc l ed a a er r c , r - e aer l a re red r de ce a a d re. l e c rac r re l a ra ee r a er e .
  - 18. Wa er all c e l er e era ed er .
  - 19. R Re e era Per d all e 60 da , le er e ec ed .

**2.01 DIGGING AND MOVING**

- A. T e ree a d al all ed a all r e a e a ac e a d l ed cra e , l ader , ac e r ere e c a r ra e r re e ad e e ree . T e all e carr ed recl e e rel ca a d al led .
- B. T e ree a d al all e l ed err e ree l r era r ra e aeral . D r l e ree a d al all e ala ced a r err all ac . T ree r a d ra ce all e ea l added r la e ea e race r l ra c a da a e e ar , d r ca ree ed. l a err el ra , all ed le- ra ed ar d e r la d a e d c a a era ree l a e ad e e d, ar r ca da a e .
- C. T e ree a d al all e ed eel del r err r race , le er e d reced e C l Ar r .
- D. T er all all e cradled l ra , ca le , r al ader ce c a e l e ree' e re er all, e l ra a ced er r race .
- E. O cel e , a c r c ec ea are ar d der er all all e ed ael eered ea r raer l ( a , l er , r d er ) a e e ear .
- F. T e ree a d al all e e re- d , c are l l der a da r ael e a e de a er all. T e ree all e ea r l a e ( re a 2 ce ) al rade. T e ree all e ac l led a 1:1 re e la d 70:30 l ( 70 c are rade a d a d 30 E er lade c ) , r l c r raed e er. T e ree all e aered d r alla re e ra ar ce , c c l d ca e e l .
- G. O r a c d l c all e laered ade 2 3 ce e ad r d 6 8 ce er all . M l c all ea led , r all ed acc laed recl a a e ree r

**2.02 BRACING AND STAKING**

- A. T e ree a d le- r ed al all e r a c e d a d a ed , a er ree 3 4 4 de a e , a ac ed 2 4 d a e , d le- a ded ar d e r la - ra ed r a d ra ce . Na l all ed re e d a e , ree r r race . Da a er r r r race all e a ded .
- B. Sa e all e r er l a c red a d re a lace ra lea 6 8 , r l e ree ade a e eal e r

**3.00 MAINTENANCE**

**A. IRRIGATION**

- 1. Be a lea ee r r r r a d c l e e r r , e ree erel caed all e r r aed e eeac ree da a l e a er r l e er e .
- 2. F ll r r r a d l e e rel ca , e ree erel caed all e aered da l a l e .
- 3. F ra lea e r a er rel ca , erel caed ree all e r r aed da l a l e . A er a e , r r a ra e all e red ced ree e er ee , c a ra e , ra lea ree re .
- 4. T ere all e e all a ce r eld ad e r r a ra e a d re e ce d e e , ea er , r ree c d , a d reced e C l Ar r .

**3.01 FERTILIZATION**

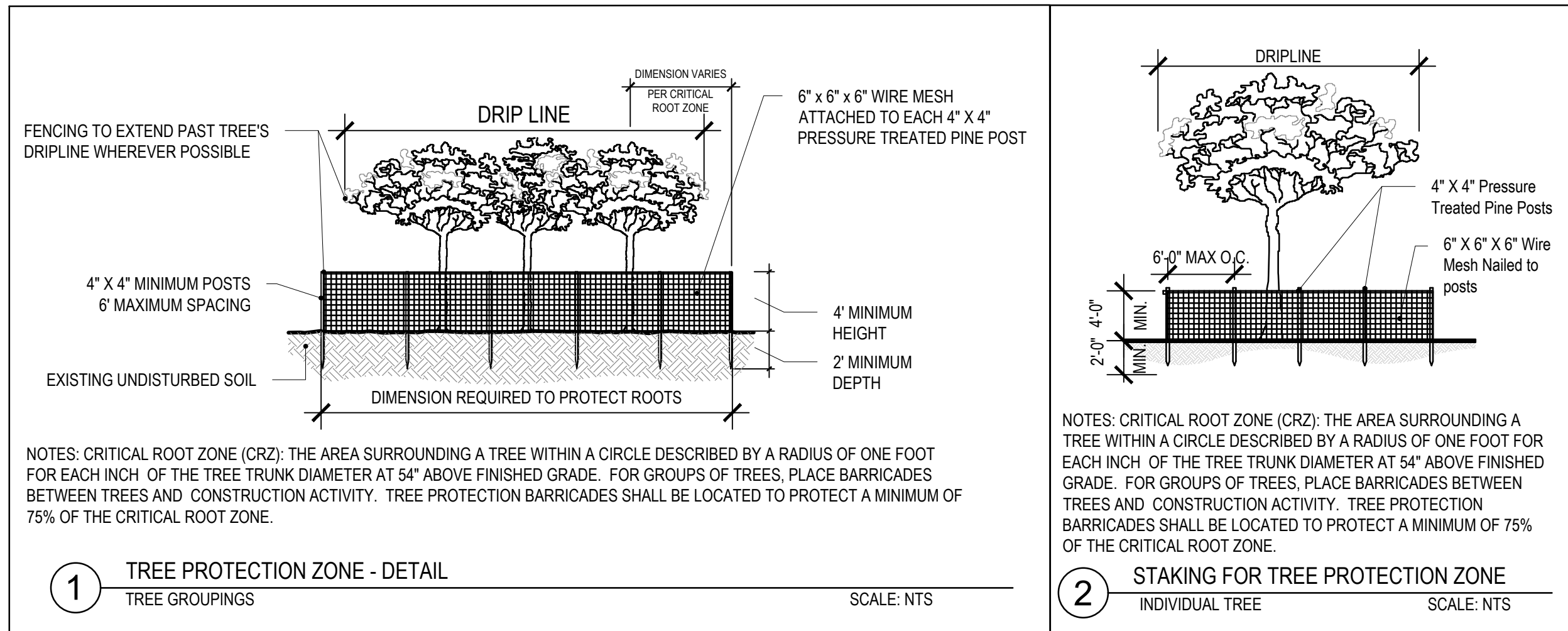
- A. T e ree erel caed all e r l ed C rac r r r r r a c laed cr re ed a la e ra e , dre c a lea 10 all rear d er e eac ree . B l a a d er le e a al e ed a r ed C l Ar r .

**3.01 CLEAN-UP DEBRIS REMOVAL**

- A. C rac r all ere le r e el clea - a d re al all de r e era ed e ac e ec ed d c e . All de r all e c l l e c e d a d r er l d ed a a r ed d r rec d e .

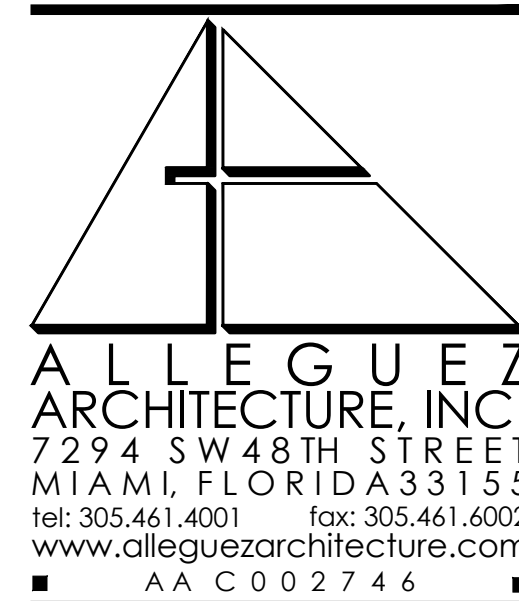
**3.02 GUARANTEE**

- A. T e ree all e ara eed ra er d e ee (18) .
- B. l e ree are da a ed r d e d r erel ca r ce e all e a e da c O er . C rac r all re lace e dead da a ed ree e ree a eeded a e C ral Ga le a re re e d e Tree Pr ec a d Pre er a Ord a ce .



**Tree Protection Notes**

- 1.0 A Tree Protection Zone (TPZ) shall be established around all trees which are to be retained. The TPZ shall include all such trees in a single cluster, with protective fencing around the perimeter of the cluster.
- 2.0 The TPZ fencing shall be 4 feet high min., with wood posts spaced max. 10 feet o.c., with 2 x 2 metal mesh. Metal mesh shall be securely attached to posts and rails.
- 3.0 The area within the TPZ shall be maintained in its current condition. There shall be no grade changes, bulldozing, scarifying or any other type of soil disturbance within this area. No new utilities shall be installed in this area.
- 4.0 The area within the TPZ shall be kept free of heavy equipment operation. There shall be no movement of heavy equipment within these areas.
- 5.0 The area within the TPZ shall not be used for any type of materials storage or dumping (including wash water).
- 6.0 There shall be no damage, wounding, or other types of physical injury made to the tree trunks, buttress roots, surface roots, limbs, branches, or other exposed parts of the trees. No signage shall be attached to the trees and no work stations set up beneath the trees.
- 7.0 Prior to construction activities, any tree limbs which may interfere with, or are at risk of damage or injury from, construction activities, shall be pruned following the guidelines in the most recent edition of the American National Standards Institute A-300 document. All trees to be retained shall be pruned to clean their crowns, as defined in the ANSI A-300 document (remove dead, diseased, or broken branches).
- 8.0 Any tree roots which are at risk of being cut, damaged or exposed during excavation activities shall be pruned beforehand using appropriate pruning tools (saws, loppers or clippers) and techniques, leaving clean, smooth cuts at a maximum distance allowable from the tree trunks. When digging trenches using trenchers, backhoes or similar equipment, tree roots shall be cut by hand, using appropriate pruning tools, at least 2 to 4 inches further back, toward the tree, from the edge of the trench and behind the equipment-damaged roots. Trenches shall then be backfilled with sand or existing soil.
- 9.0 Heavy equipment shall be routed around all TPZ's. Heavy equipment routes shall have gravel or mulch maintained at a minimum depth of 3 to 4 inches at all times to help disperse weight loads and minimize soil compaction and root damage.



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PROJECT:  
**1320 MINI PARK  
 NEW DOG & FITNESS  
 PARK**

**1320 SW 21st, MIAMI,  
 FLORIDA, 33145**  
 CONTACT: RICARDO RODRIGUEZ  
 CITY PROJECT MANAGER  
 PARKS DEPARTMENT  
 PHONE: 305-416-1359

DRAWING TITLE:  
**TREE DISPOSITION  
 NOTES AND DETAILS**

SCALE:

AIDA CURTIS, R.L.A.  
 LICENSE NO. LA0001330  
 DATE: DECEMBER 15th, 2023

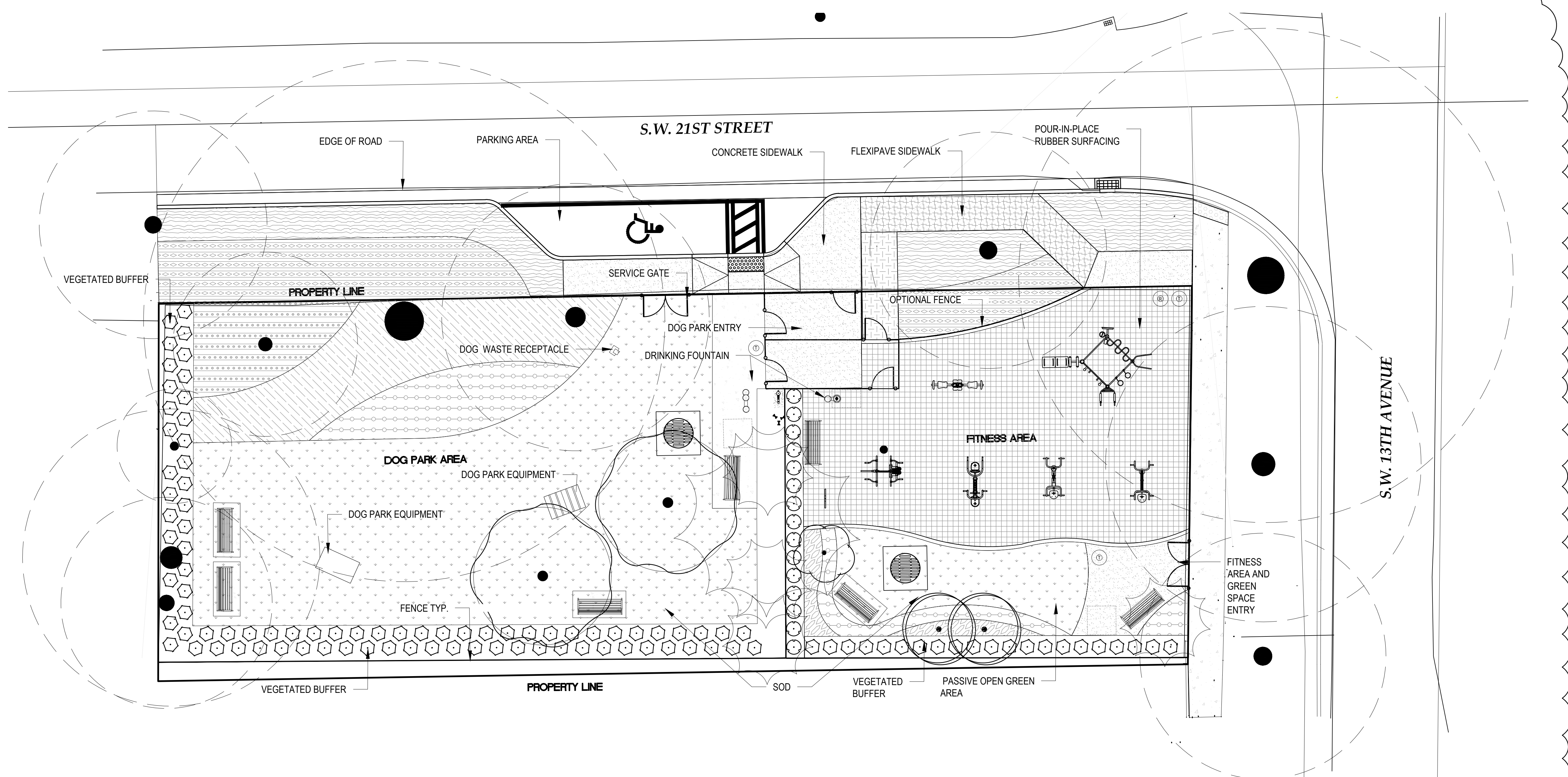
REVISED:  
 01/31/2024 DERIV. & PLAN UPDATE

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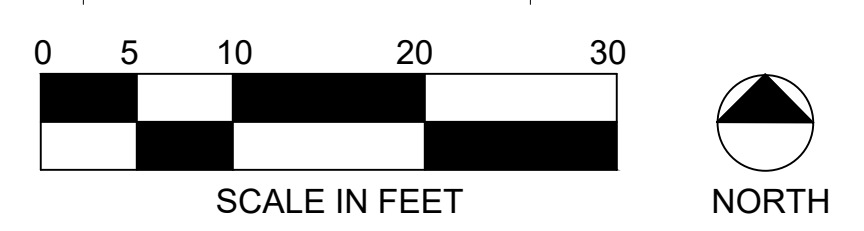
**L002**

PERMIT SET

1

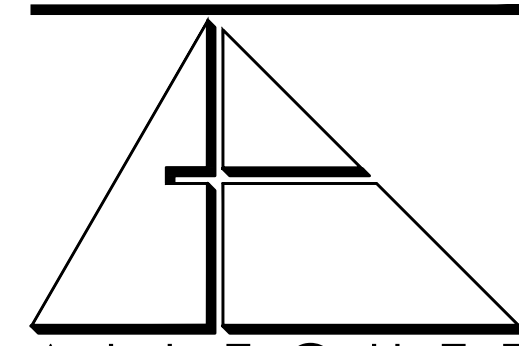


1 LANDSCAPE SITE PLAN  
Scale: 1" = 10'-0"



LEGEND

	EXISTING TREES TO REMAIN		BENCHES SEE DETAIL 1 ON SHEET L202
	RELOCATED PALMS		DOG WASTE RECEPTACLE SEE DETAIL 7 ON SHEET L202
	PROPOSED TREES		PET DRINKING FOUNTAIN SEE DETAIL 4 ON SHEET L202
			DRINKING FOUNTAIN SEE DETAIL 3 ON SHEET L202
			TRASH RECEPTACLE SEE DETAIL 2 ON SHEET L202
			RECYCLING RECEPTACLE SEE DETAIL 3 ON SHEET L202



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PARKS DEPARTMENT  
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DRAWING TITLE:  
**LANDSCAPE SITE PLAN**

SEAL

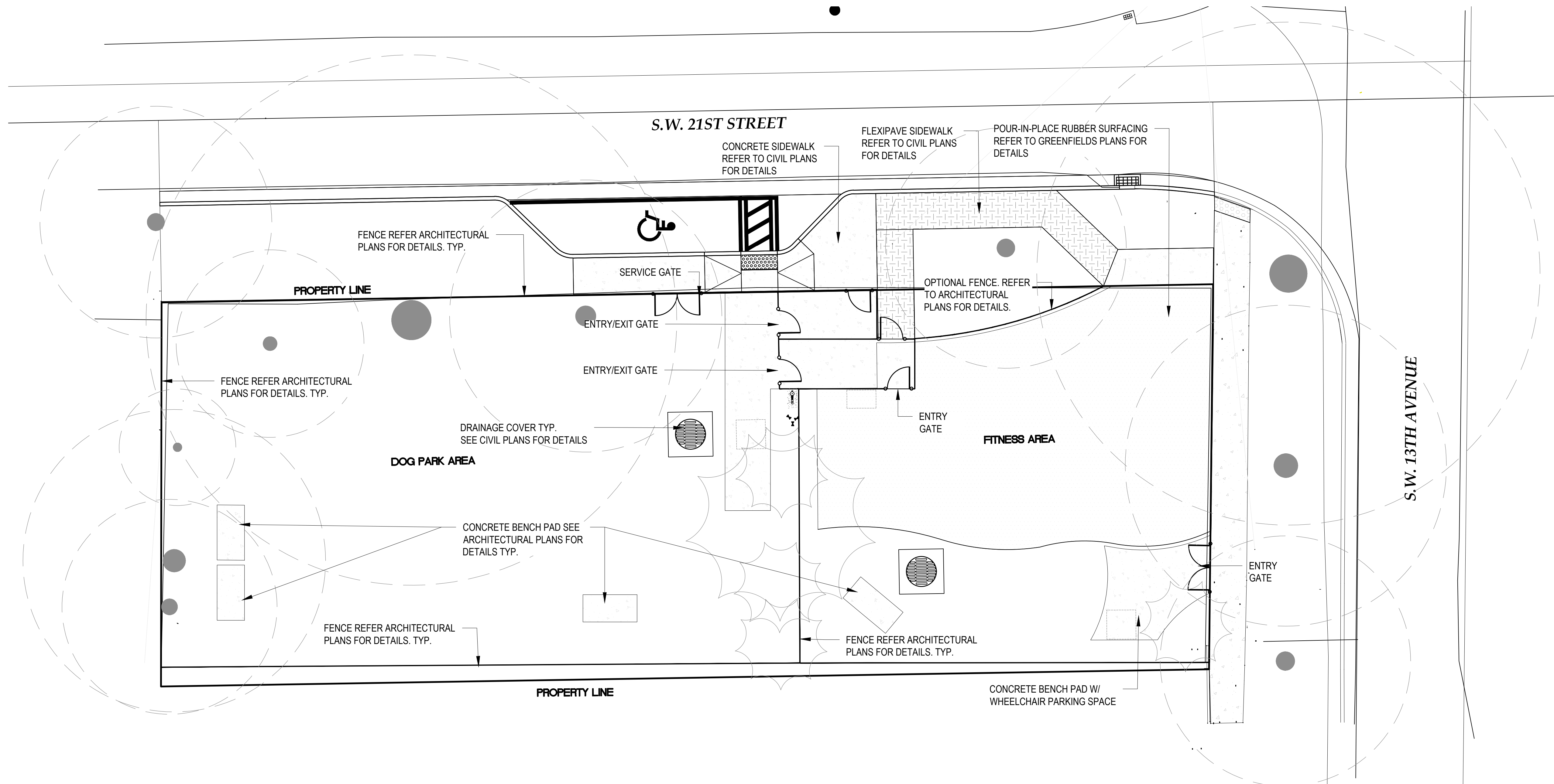
AIDA CURTIS, R.L.A.  
LICENSE NO. LA0001330  
DATE: JANUARY 30TH, 2024

REVISED:  
1/31/2024 DERM. & PLAN UPDATE

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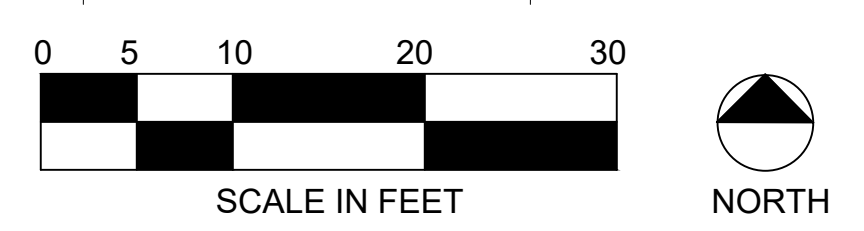
CAD DRAWING NAME:

SHEET NO:  
**L101**



1 HARDSCAPE LAYOUT AND MATERIALS PLAN  
Scale: 1" = 10'-0"

**NOTE: ALL EXCAVATION WITHIN THE CRITICAL ROOT ZONE (CRZ) TO BE DONE BY HAND TO AVOID CUTTING TREE ROOTS. SEE SHEET L001 FOR CRZ EXTENTS.**



LEGEND

	EXISTING TREES TO REMAIN
	RELOCATED PALMS



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DRAWING TITLE:  
HARDSCAPE LAYOUT  
AND MATERIALS PLAN

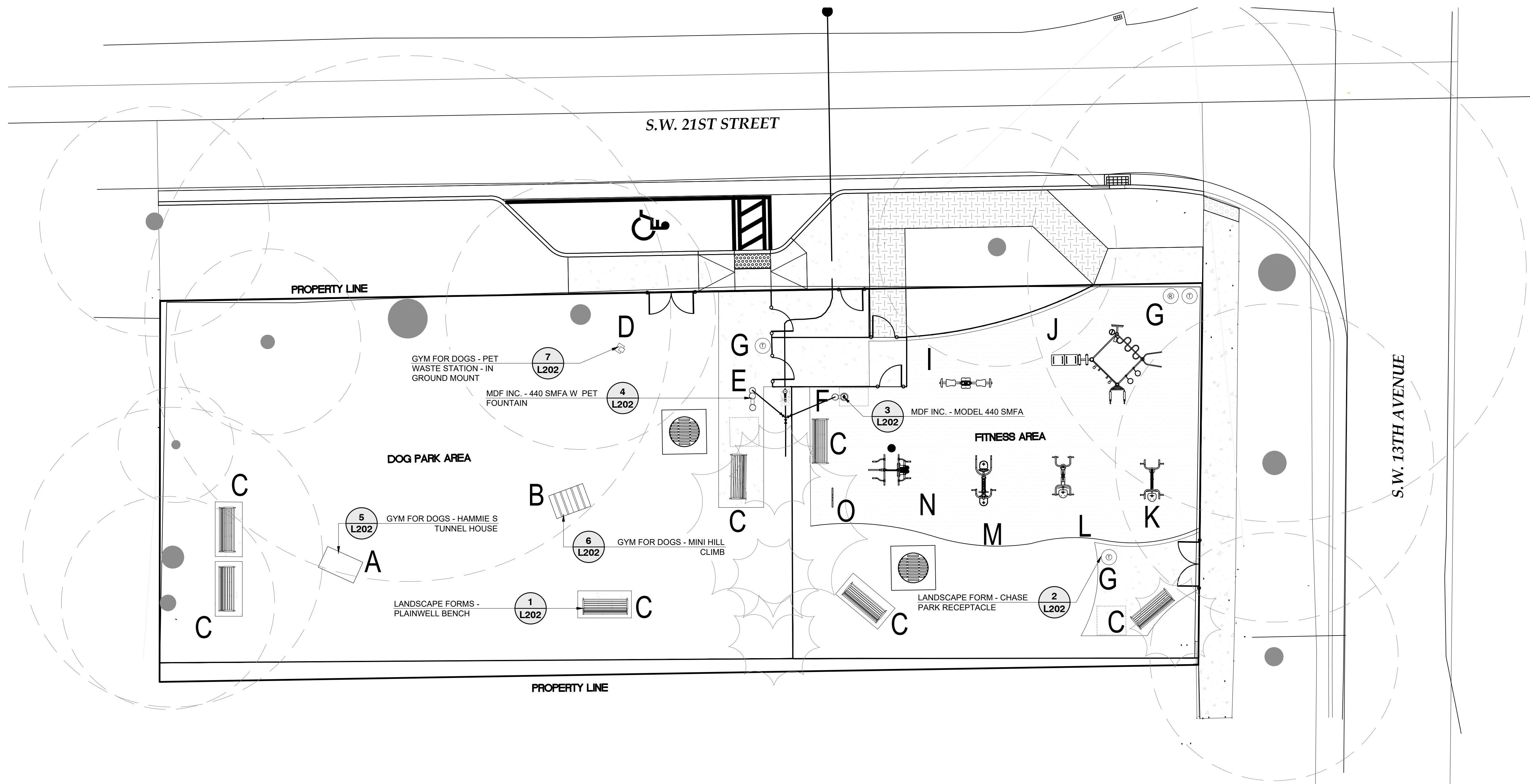
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AIDA CURTIS, R.L.A.  
LICENSE NO. LA0001330

DATE:	JANUARY 30TH, 2024
REVISED:	01/31/2024 DERM. & PLAN UPDATE
CAD DRAWING NAME:	

PERMIT SET

SHEET NO.  
**L102**  
NEW SHEET



1 FURNISHINGS PLAN  
Scale: 1" = 10'-0"

EQUIPMENT & FURNISHINGS SCHEDULE					
SYMBOL	QTY	MANUFACTURER	MODEL	PRODUCT NUMBER	COLOR
A	1	GYM FOR DOGS	MINI HILL CLIMB (L/X)	DL-MH2-RPW-10004	NUTMEG
B	1	GYM FOR DOGS	HAMMIE'S TUNNEL HOUSE (LARGE)	DL-LTH-GRC	N/A
C	7	LANDSCAPE FORMS	PLAINWELL BENCH		THERMALLY MODIFIED ASH   BRONZE METALLIC
D	1	GYM FOR DOGS	PET WASTE STATION	DL-PWS100-IG-TPC	GREEN
E	1	MOST DEPENDABLE FOUNTAINS	DRINKING FOUNTAIN W/ PET FOUNTAIN	440 SWFA	GREEN
F	1	MOST DEPENDABLE FOUNTAINS	DRINKING FOUNTAIN	440 SWFA	GREEN
G	4	LANDSCAPE FORMS	CHASE PARK LITTER RECEPTACLE		BRONZE METALLIC
I	1	GREENFIELDS	2- PERSON LEG PRESS	SGR102	GREEN
J	1	GREENFIELDS	COMPACT FUNCTIONAL FITNESS RIG	SHP517	GREEN
K	1	GREENFIELDS	2- PERSON ACCESSIBLE CHEST PRESS	SGR048AW	GREEN
L	1	GREENFIELDS	2-PERSON ACCESSIBLE VERTICAL PRESS	SGR047W	GREEN
M	1	GREENFIELDS	2-PERSON BACK & ARMS COMBO	SGR042	GREEN
N	1	GREENFIELDS	4-PERSON LOWER BODY COMBO	SGR021	GREEN
O	1	GREENFIELDS	CUSTOMIZED ANNOUNCEMENT SIGN	SGR105	GREEN

**NOTE: ALL EXCAVATION WITHIN THE CRITICAL ROOT ZONE (CRZ) TO BE DONE BY HAND TO AVOID CUTTING TREE ROOTS. SEE SHEET L001 FOR CRZ EXTENTS.**

LEGEND

	EXISTING TREES TO REMAIN
	BENCHES SEE DETAIL 1 ON SHEET L202
	DOG WASTE RECEPTACLE SEE DETAIL 7 ON SHEET L202
	PET DRINKING FOUNTAIN SEE DETAIL 4 ON SHEET L202
	DRINKING FOUNTAIN SEE DETAIL 3 ON SHEET L202
	TRASH RECEPTACLE SEE DETAIL 2 ON SHEET L202
	RECYCLING RECEPTACLE SEE DETAIL 3 ON SHEET L202

ALL FURNISHINGS SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS.



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PROJECT:  
**1320 MINI PARK  
NEW DOG & FITNESS  
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FLORIDA, 33145  
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CITY PROJECT MANAGER  
PARKS DEPARTMENT  
PHONE: 305-416-1359

DRAWING TITLE:  
FURNISHINGS PLAN

SCALE:

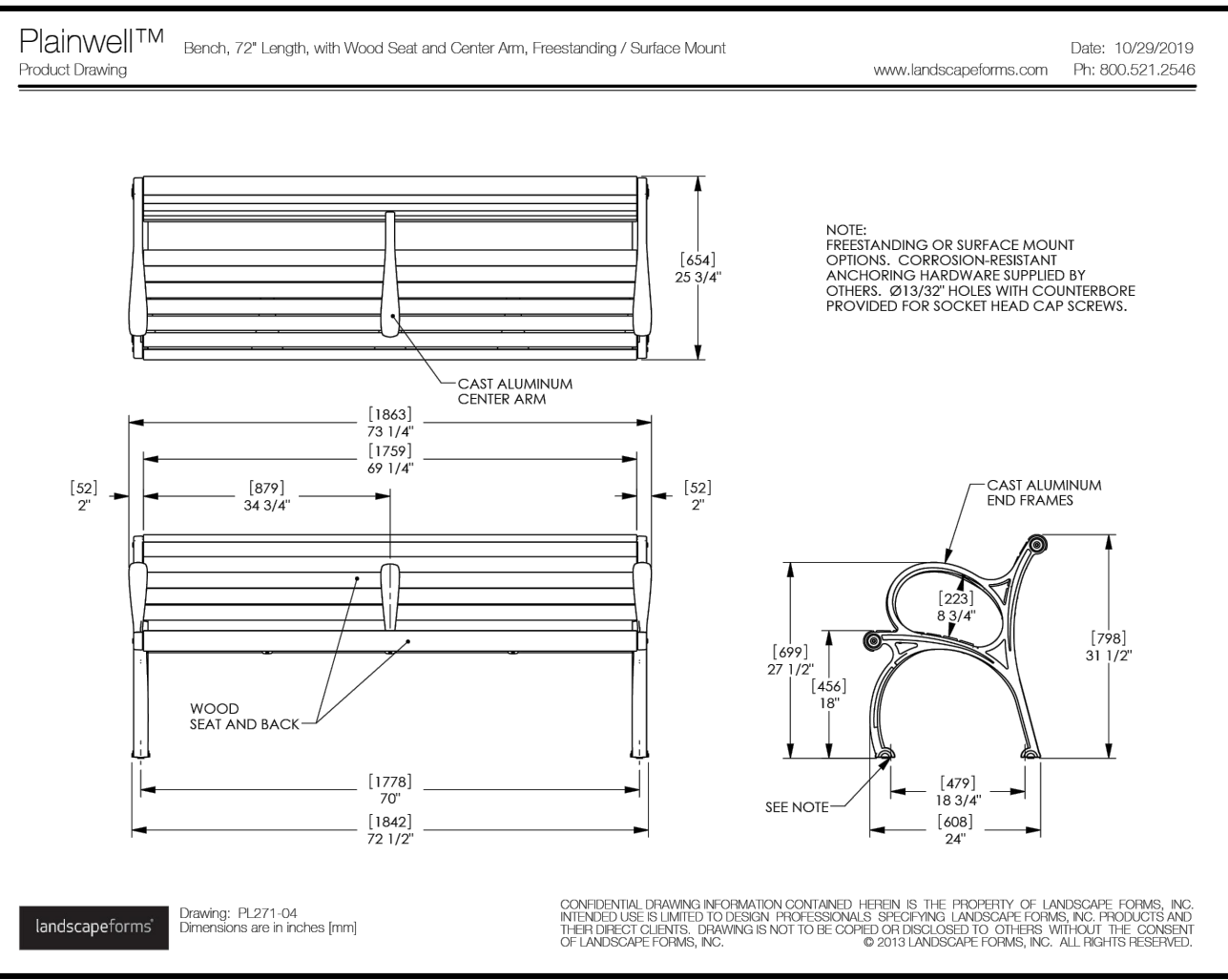
AIDA CURRIS, R.L.A.  
LICENSE NO. LA0001330  
DATE: JANUARY 30TH, 2024

REVISED: 01/31/2024 DERIV. & PLAN UPDATE

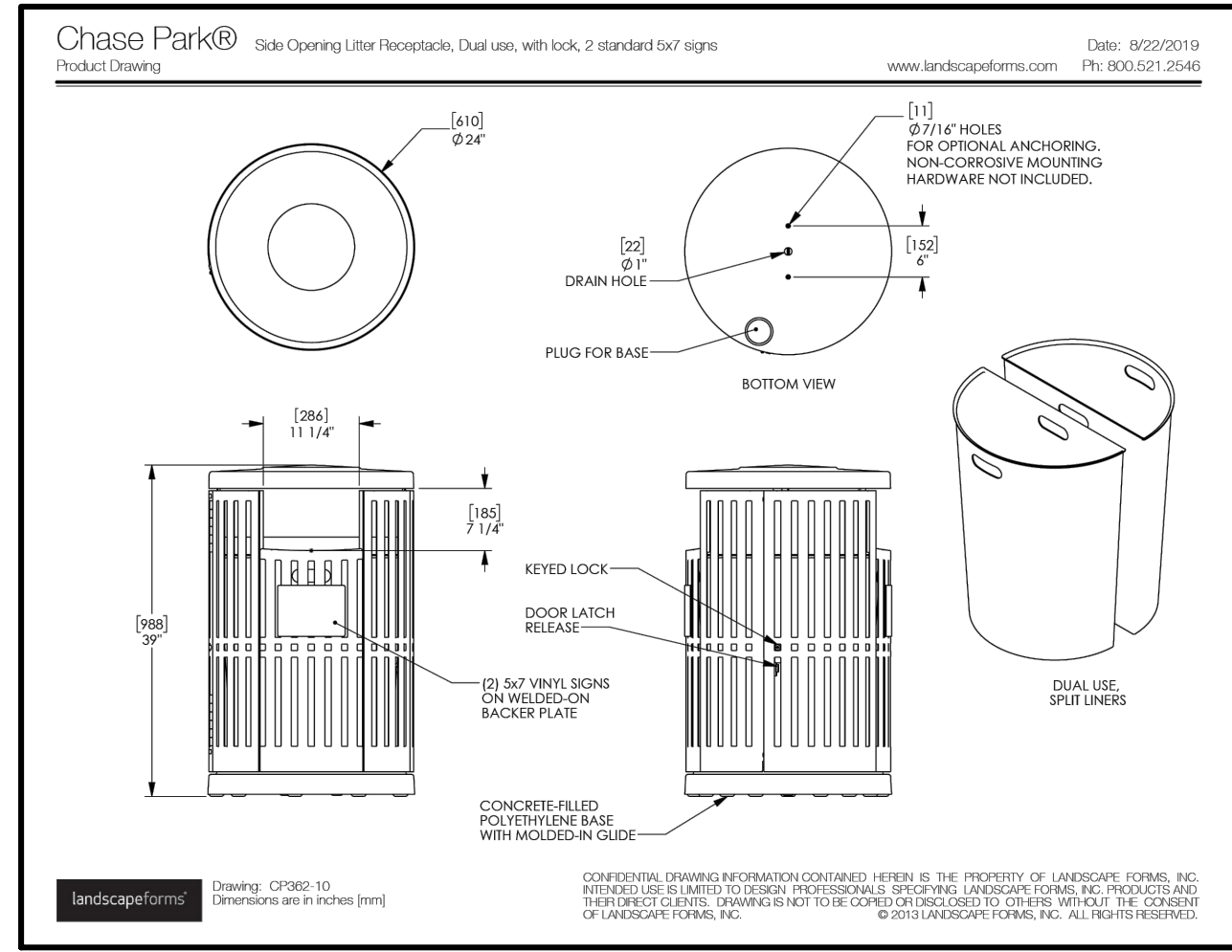
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CAD DRAWING NAME:

SHEET NO:  
**L201**  
NEW SHEET

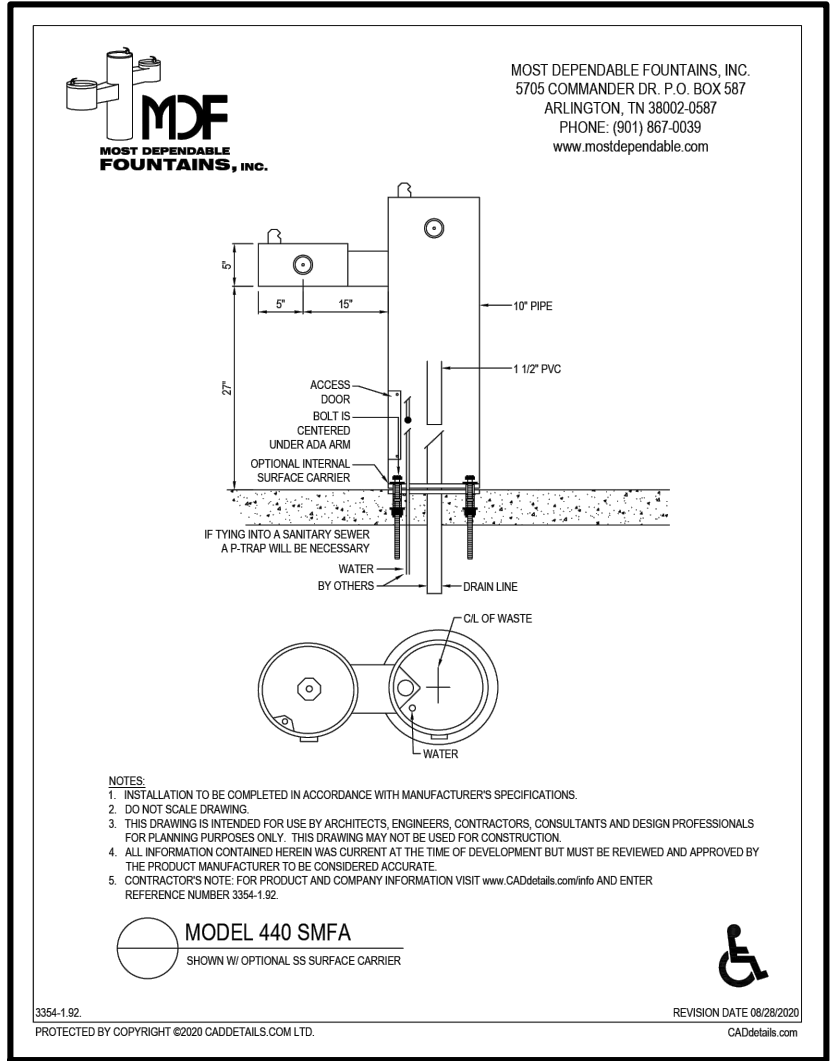


**1** LANDSCAPE FORMS - PLAINWELL BENCH  
N.T.S. P-CO-COM-01



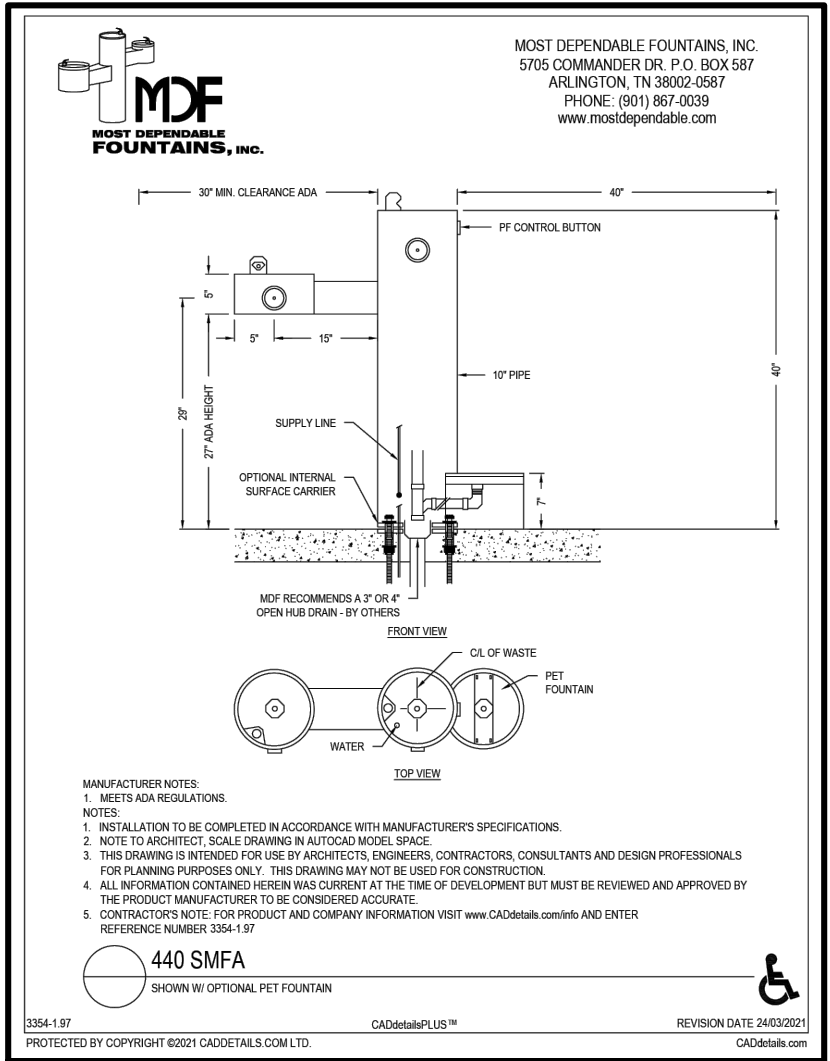
**2** LANDSCAPE FORM - CHASE PARK RECEPTACLE  
N.T.S. P-CO-COM-02

NOTE: FOR DRINKING FOUNTAIN, REFER TO MEP FOR DRYWELL

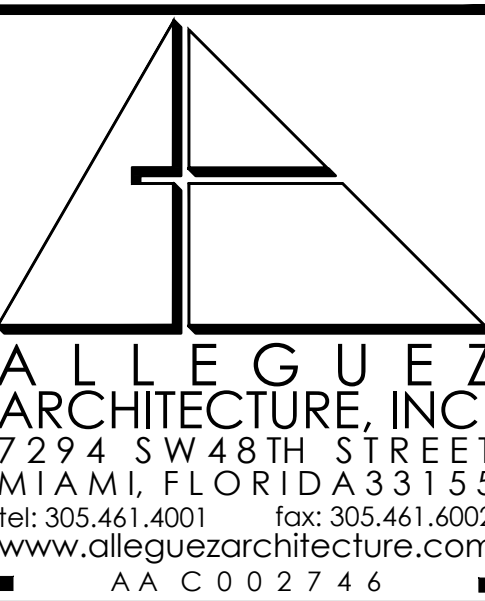
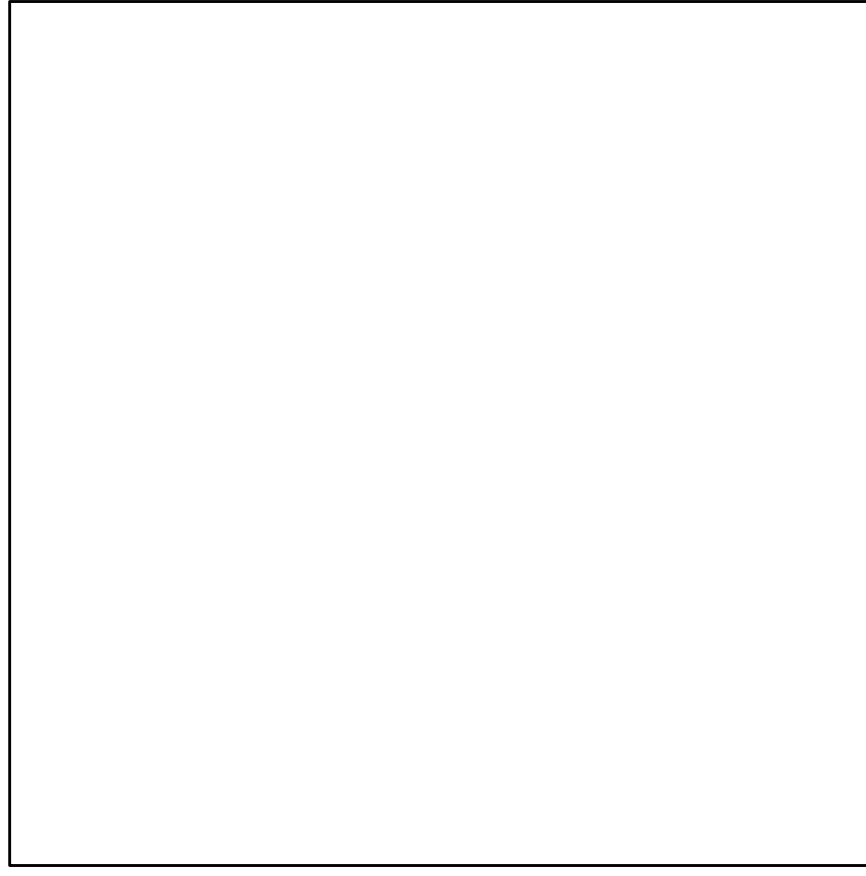


**3** MDF INC. - MODEL 440 SMFA  
N.T.S. P-CO-COM-04

NOTE: FOR DRINKING FOUNTAIN, REFER TO MEP FOR DRYWELL



**4** MDF INC. - 440 SMFA W/ PET FOUNTAIN  
N.T.S. P-CO-COM-03



CONSULTANTS:  
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PH 888.315.9037 FAX: 866.308.9719

**HAMMIE'S TUNNEL HOUSE™**  
Play, Relaxation & Shade Features  
Durable and safe for your dog's play and relaxation. Hammie's Tunnel House is made of high-quality, weather-resistant materials. The tunnel is made of heavy-duty, weather-resistant materials. Hammie's Tunnel House is made of heavy-duty, weather-resistant materials. Hammie's Tunnel House is made of heavy-duty, weather-resistant materials.

**GYMS FOR DOGS**  
Miami Dog Park Products

**5** GYM FOR DOGS - HAMMIE'S TUNNEL HOUSE  
N.T.S. P-CO-COM-05

**MINI HILL CLIMB™**  
2 SIZES  
4 COLORS  
Exercise & Balance  
The Mini Hill Climb™ is made of heavy-duty, weather-resistant materials. The ramp is made of heavy-duty, weather-resistant materials. The Mini Hill Climb™ is made of heavy-duty, weather-resistant materials. The ramp is made of heavy-duty, weather-resistant materials.

**GYMS FOR DOGS**  
Miami Dog Park Products

**6** GYM FOR DOGS - MINI HILL CLIMB  
N.T.S. P-CO-COM-06

**PET WASTE STATIONS**  
3 COLORS  
Cleanliness & Storage  
The Pet Waste Station is made of heavy-duty, weather-resistant materials. The station is made of heavy-duty, weather-resistant materials. The Pet Waste Station is made of heavy-duty, weather-resistant materials. The station is made of heavy-duty, weather-resistant materials.

**GYMS FOR DOGS**  
Miami Dog Park Products

**7** GYM FOR DOGS - PET WASTE STATION - IN GROUND MOUNT  
N.T.S. P-CO-COM-07

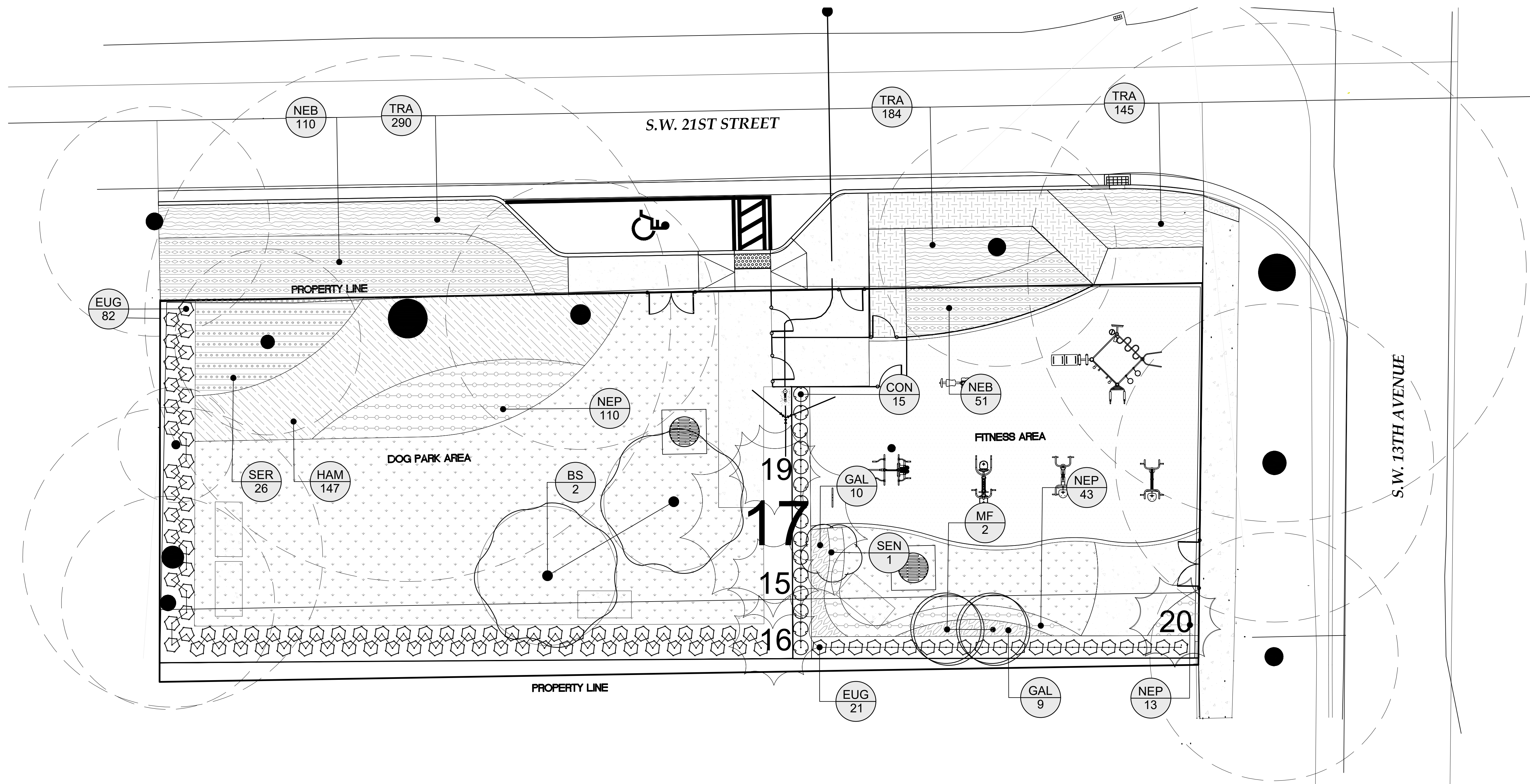
PROJECT:  
**1320 MINI PARK  
NEW DOG & FITNESS  
PARK**  
1320 SW 21st, MIAMI,  
FLORIDA, 33145  
CONTACT: RICARDO RODRIGUEZ  
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PHONE: 305-416-1359

DRAWING TITLE:  
FURNISHING DETAILS

SCALE:

PERMIT SET

AIDA CURTIS, R.L.A.  
LICENSE NO. LA0001330  
DATE: JANUARY 30TH, 2024  
REVISED: 01/31/2024 DERM. & PLAN UPDATE  
CAD DRAWING NAME:  
SHEET NO. L202  
NEW SHEET



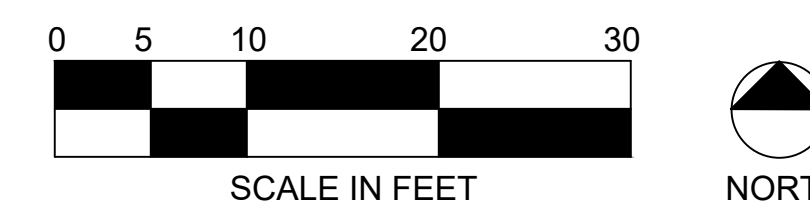
1 PLANTING PLAN

Scale: 1" = 10'-0"

**NOTE: ALL EXCAVATION WITHIN THE CRITICAL ROOT ZONE (CRZ) TO BE DONE BY HAND TO AVOID CUTTING TREE ROOTS. SEE SHEET L001 FOR CRZ EXTENTS.**

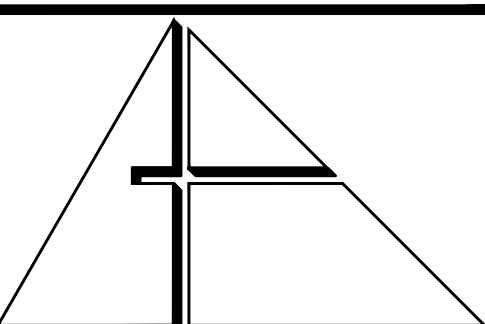
PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS	SPACING
<b>TREES</b>						
	BS	2	B r e r a a r a	G L	16-20 H. M., 5-10 S r. M., F eld Gr	
	MF	2	M r c a e r a r a	S ' S e r	10 H. M., 5 S r. M., 2" DBH M.	
	SEN	3	S e a l l a	D e r C a a	8 H. M., 4 S r. M., 3.12" DBH M., M I -Tr	
<b>SHRUBS</b>						
	CON	15	C c a r e r e c	B d	36" Ht., 18" Spr. Min., Full to Ground.	
	EUG	103	E e a e d a	S a S e r	36" Ht., 18" Spr. Min., Full to Ground.	
<b>SHRUB AREAS</b>						
	GAL	19	G a l a r a c l	T r a l l	18" H. M., 12" S r. M.	24" c.
	HAM	147	H a e l a e ' C a c a'	D a r F r e	18" H. M., 12" S r. M.	24" c.
	SER	26	S e r e a r e e	S a P a l e	24" H. M., 36" S r. M., F l l B a e	36" c.
<b>GROUND COVERS</b>						
	NEB	152	N e r l e e r r a a	G a S r d e r	18" H. M., 18 S r. M.	24" c.
	NEP	166	N e r l e e a l a a	B F e r	12" H. M., 12" S r d. M., F l l B a e	18" c.
	TRA	574	T r a c e l e r a a c	A a c J a e	4"	12" c.
<b>SOD</b>						
	SOD	2,744	S e a r e c d a ' C r a B l e'	C r a B l e S. A e G r a S l d S d		



LEGEND

- EXISTING TREES TO REMAIN
- RELOCATED PALMS
- PROPOSED TREES



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DRAWING TITLE:  
 PLANTING PLAN

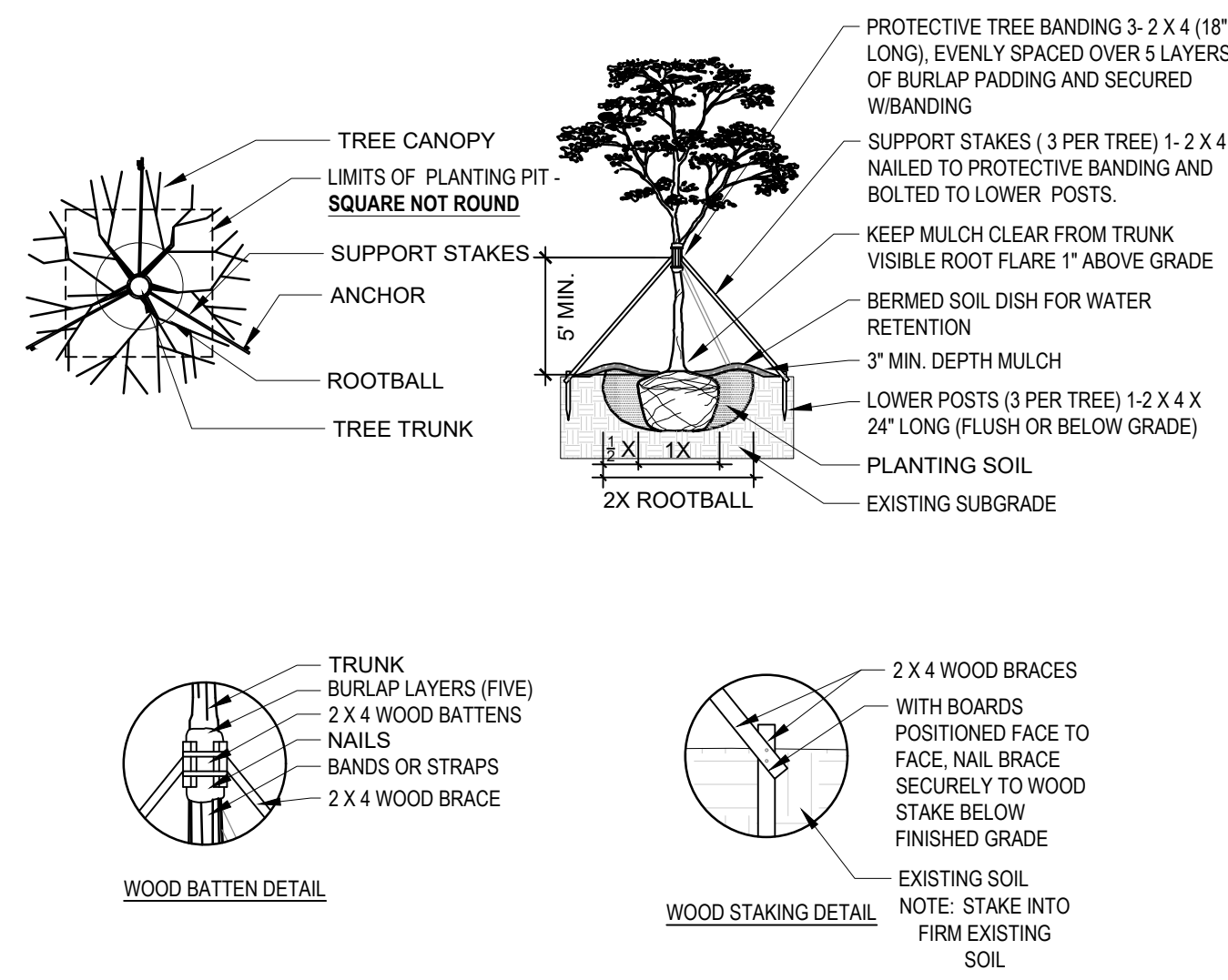
SCALE:

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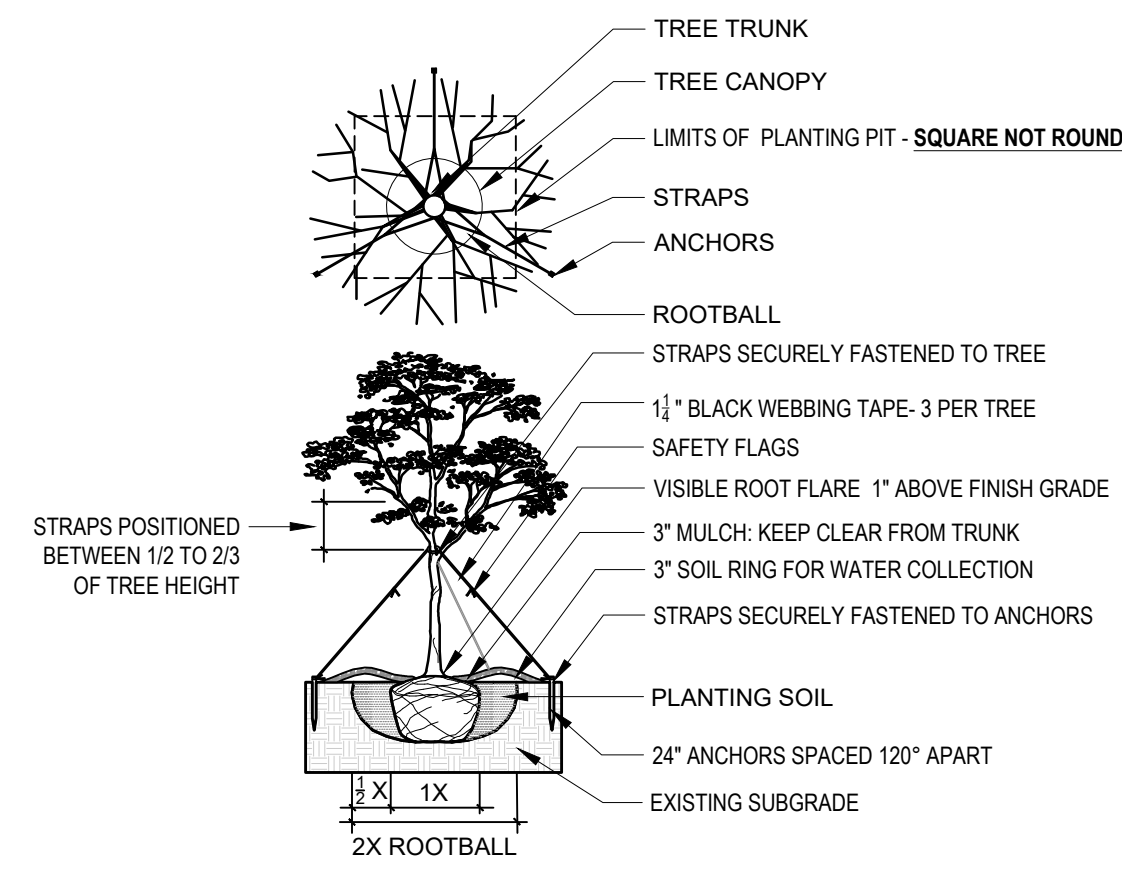
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CAD DRAWING NAME:  
 SHEET NO. **L301**  
 NEW SHEET

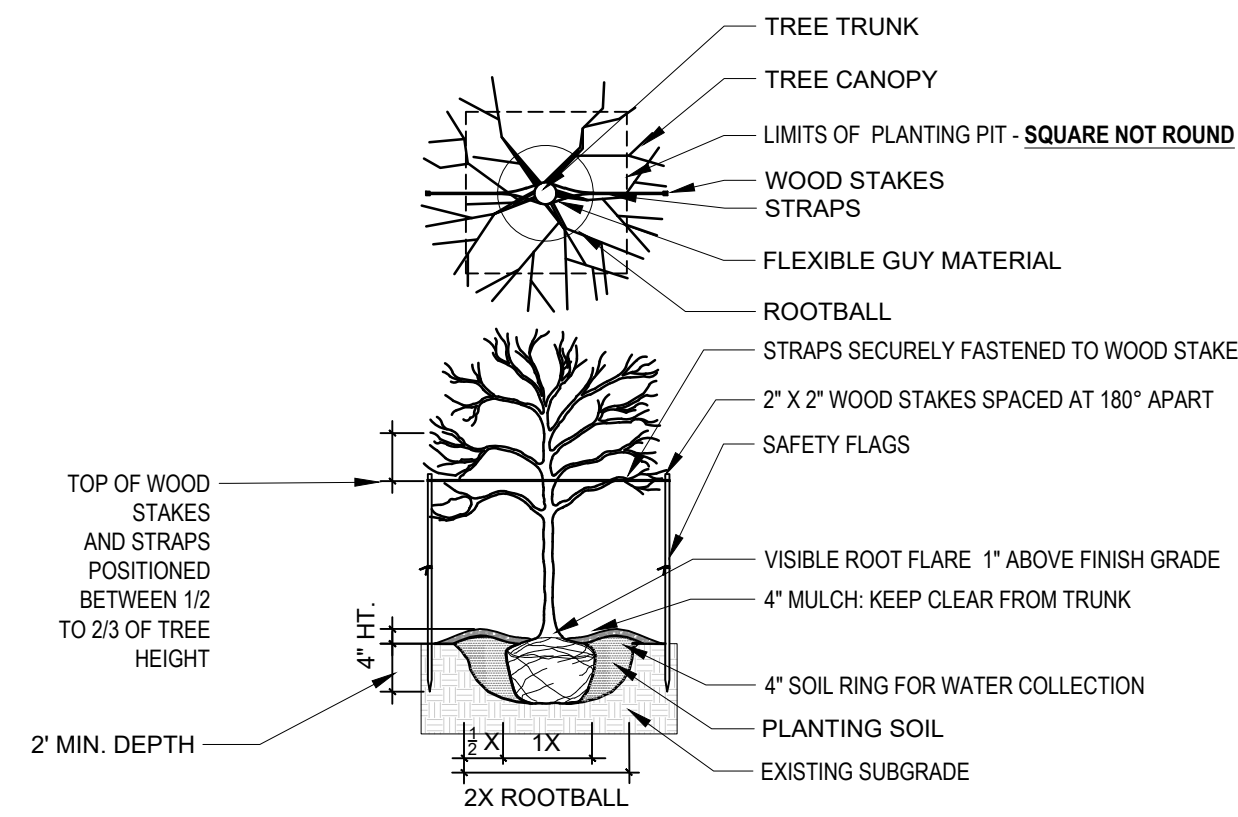




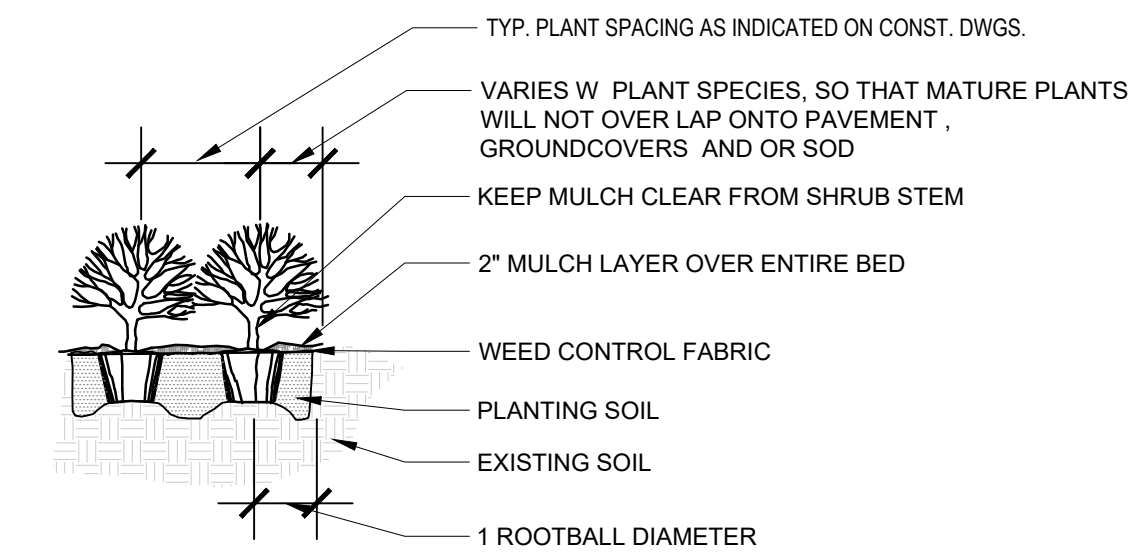
1 LARGE TREE PLANTING DETAIL  
1 8" 1'-0" 329343-03



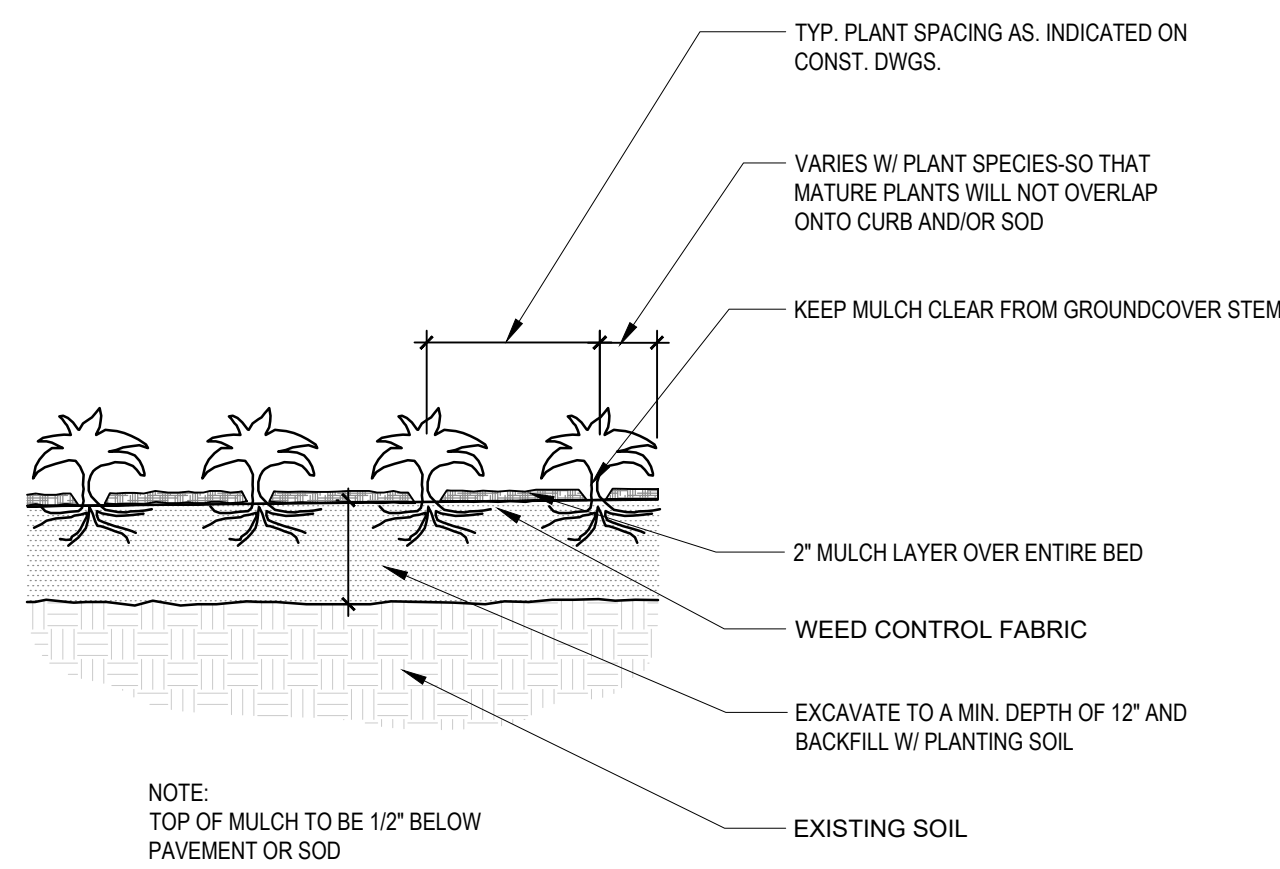
2 MEDIUM TREE PLANTING DETAIL  
1 8" 1'-0"



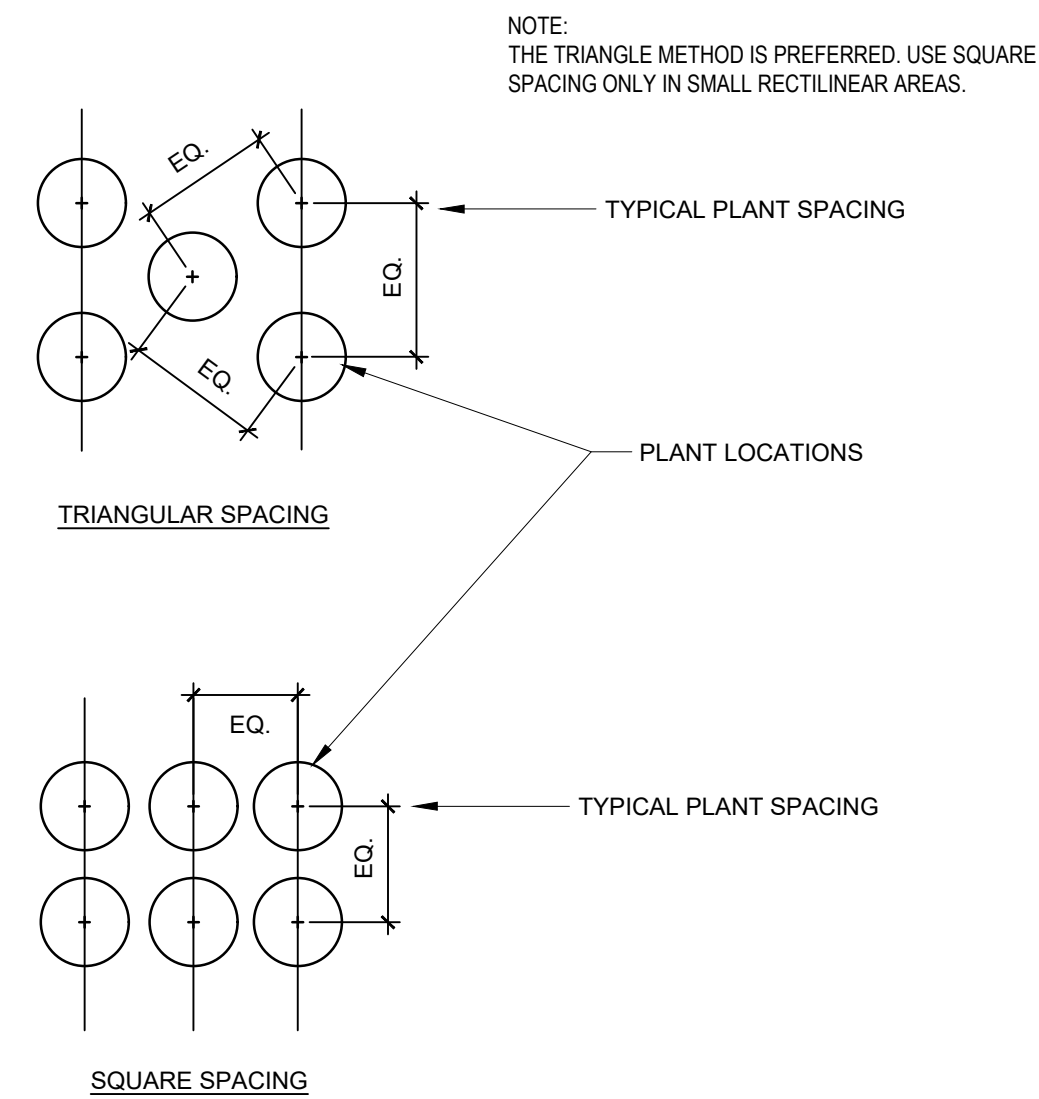
3 SMALL TREE PLANTING DETAIL  
1 8" 1'-0"



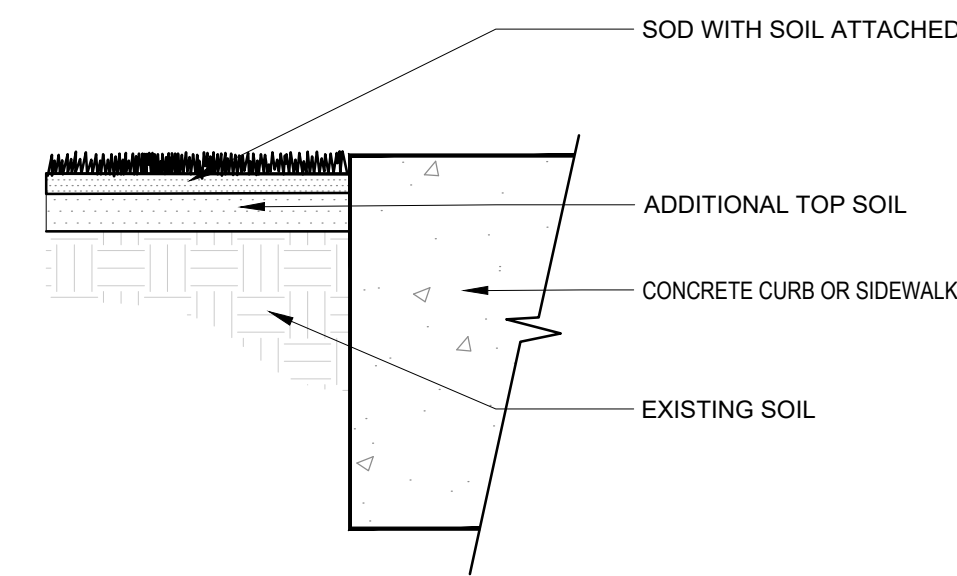
4 SHRUB PLANTING DETAIL  
3 16" 1'-0"



5 GROUNDCOVER PLANTING DETAIL  
1 4" 1'-0" 329313-02



6 SHRUB AND GROUNDCOVER SPACING DETAIL  
3 8" 1'-0" 329313-01



7 SOD ADJACENT TO CONCRETE DETAIL  
3 16" 1'-0"



CONSULTANTS:  
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PROJECT:  
**1320 MINI PARK  
NEW DOG & FITNESS  
PARK**  
1320 SW 21st, MIAMI,  
FLORIDA, 33145  
CONTACT: RICARDO RODRIGUEZ  
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PARKS DEPARTMENT  
PHONE: 305-416-1359

DRAWING TITLE:  
PLANTING DETAILS

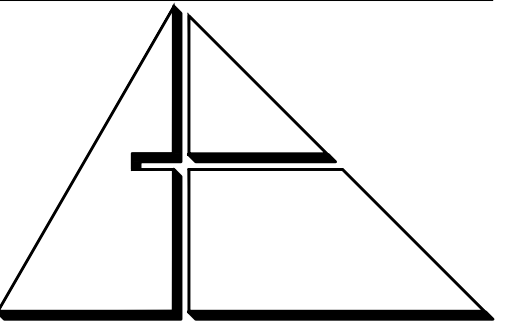
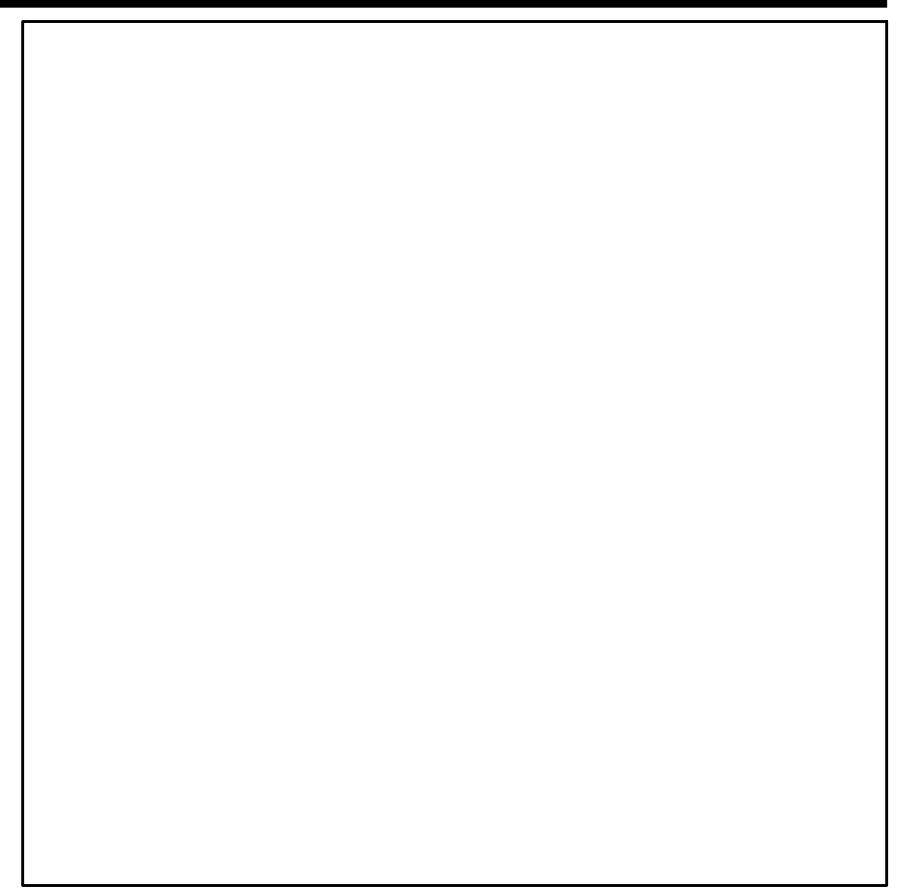
SEAL

AIDA CURTIS, R.L.A.  
LICENSE NO. LA0001330  
DATE: JANUARY 30TH, 2024  
REVISED:  
A 01/31/2024 DERM. & PLAN UPDATE  
CAD DRAWING NAME:  
SHEET NO.

PERMIT SET

L302  
NEW SHEET





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DRAWING TITLE:  
**IRRIGATION PLAN**

SEAL

AIDA CURTIS, R.L.A.  
 LICENSE NO. LA0001930  
 DATE: JANUARY 30TH, 2024

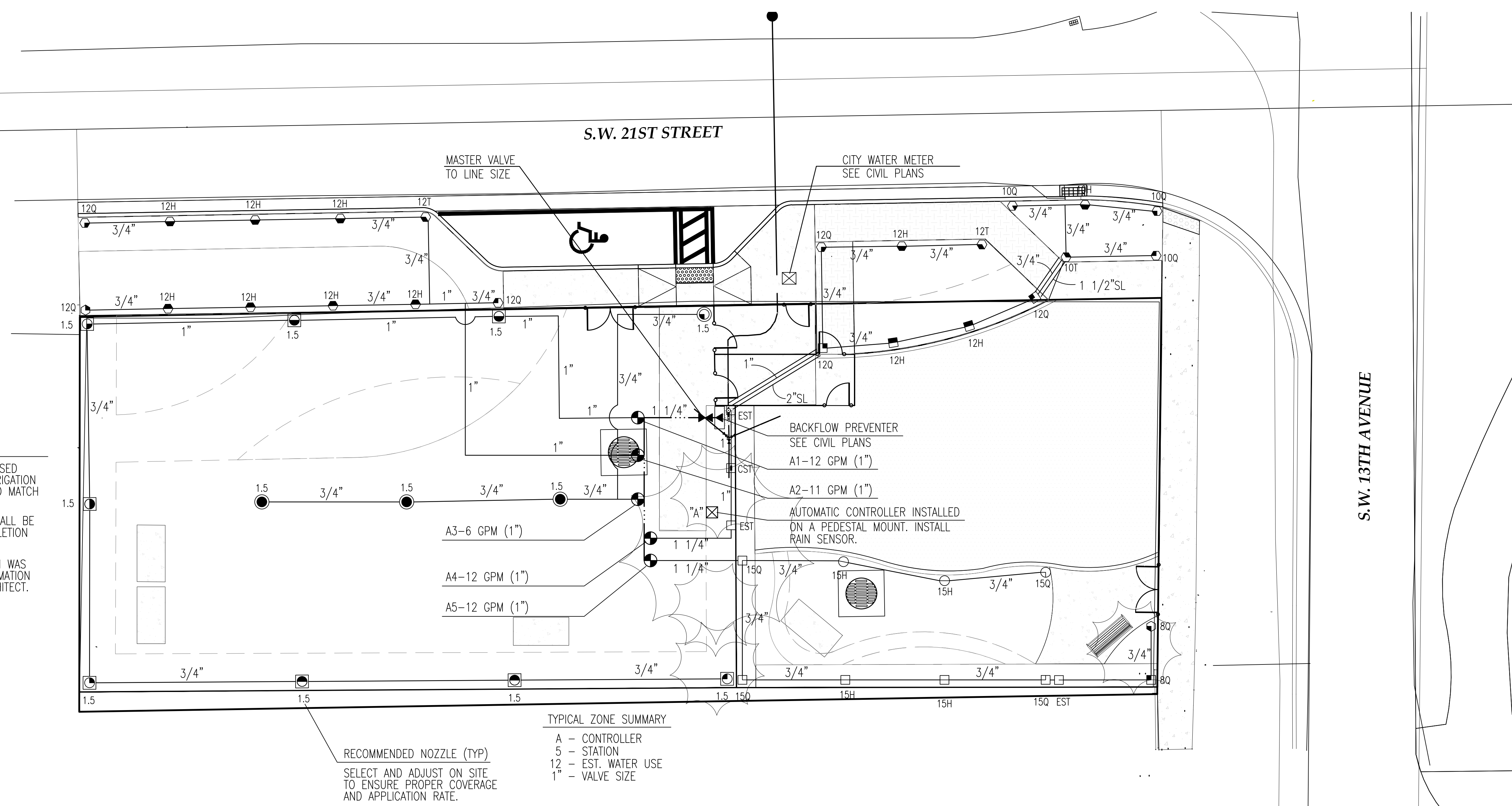
REVISED: 01/31/2024 DERM. & PLAN UPDATE

PERMIT SET

CAD DRAWING NAME:

SHEET NO.

**IR101**  
 NEW SHEET



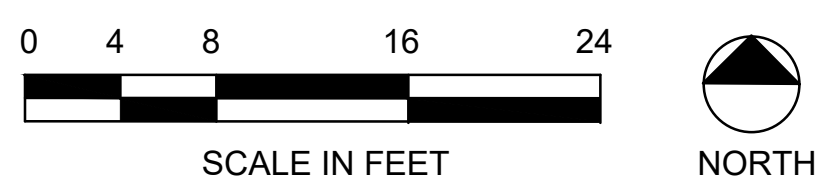
NOTES:  
 THIS PLAN SHALL BE USED AS A GUIDE ONLY. IRRIGATION SHALL BE INSTALLED TO MATCH SITE CONDITIONS.  
 ALL NEW IRRIGATION SHALL BE OPERABLE UPON COMPLETION OF PROJECT.  
 THIS IRRIGATION SYSTEM WAS DESIGNED USING INFORMATION PROVIDED BY THE ARCHITECT.

RECOMMENDED NOZZLE (TYP)  
 SELECT AND ADJUST ON SITE TO ENSURE PROPER COVERAGE AND APPLICATION RATE.

TYPICAL ZONE SUMMARY  
 A - CONTROLLER  
 5 - STATION  
 12 - EST. WATER USE  
 1" - VALVE SIZE

**1 IRRIGATION PLAN**

Scale: 1/8" = 1'-0"





### GENERAL PLUMBING NOTES

- ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE LATEST EDITION OF THE "FLORIDA BUILDING CODE - 2020 EDITION" AND ALL APPLICABLE LOCAL ORDINANCES.
- DRAINAGE SYSTEM DESIGN BASED ON 1/8"/FT MINIMUM FALL, FOR PIPING 3" & LARGER, A 1/4"/FT FALL FOR PIPING 2" & SMALLER.
- ALL VALVES UNDERGROUND TO BE INSTALLED IN PRECAST CONCRETE BOXES, BROOKS OR EQUAL.
- MATERIALS SHALL BE ALL NEW AND AS FOLLOWS:
  - DRAINAGE PIPING - CAST IRON
  - WATER PIPING - TYPE K COPPER (UNDERGROUND) TYPE L COPPER (ABOVE GROUND). PIPES COATED WITH ASPHALT.
  - PLUMBING FIXTURES - SEE SCHEDULE.
  - FLOOR DRAINS, IF USED, JOSAM OR EQUAL.
  - VALVES - 125PSI NIBCO SCOTT OR EQUAL.
  - HOSE BIBBS - CHICAGO 952, OR EQUAL.
    - FILLER (PER SPECS)
  - ELECTRIC WATER FOUNTAIN - HAWS, HALSEY TAYLOR, OR EQUAL WITH BOTTLE PROVIDE ALL EXCAVATION, BACKFILL AND COMPACTION REQUIRED BY ALL PLUMBING WORK.
- PERFORM THE FOLLOWING TESTS:
  - WATER PIPING SHALL BE SUBJECTED TO HYDROSTATIC PRESSURE TEST OF 100PSI FOR A PERIOD OF TIME SUFFICIENT TO EXAMINE ENTIRE SYSTEM BUT NOT LESS THAN ONE HOUR.
  - DRAINAGE PIPING - BEFORE INSTALLATION OF ANY DRAINS, THE ENDS OF SYSTEM SHALL BE CAPPED AND ALL LINES FILLED WITH WATER TO HIGHEST POINT AND ALLOWED TO STAND UNTIL INSPECTION IS MADE AND WATER LEVEL REMAINS CONSTANT.
  - CORRECT ALL DEFECTS DISCLOSED BY ABOVE TESTS.
- STERILIZE ALL WATER LINES WITH A MIXTURE OF (2) TWO POUNDS OF CHLORINATED LIME TO EACH 1000 GALLONS OF WATER (50PPM OF AVAILABLE CHLORINE). RETAIN MIXTURE IN PIPES 24 HOURS AND FLUSH THOROUGHLY WITH POTABLE WATER BEFORE PLACING IN SERVICE.
- COMPLETE SYSTEM, FIXTURES AND EQUIPMENT SHALL BE GIVEN AN IN-SERVICE TEST AFTER COMPLETION OF THE INSTALLATION.
- PLUMBING CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE THAT ALL PLUMBING WORK SHALL BE FREE FROM DEFECTS OF MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR, FROM DATE OF FINAL ACCEPTANCE, AND THAT HE WILL, AT HIS EXPENSE REPAIR AND REPLACE ALL WORK WHICH BECOMES DEFECTIVE DURING GUARANTEE PERIOD.
- WATER SUPPLIES SHALL HAVE SHUT-OFF VALVE AND AIR CHAMBER AT FIXTURE.
- FURNISH AND INSTALL ALL TAILPIECES, ANGLES, AND ESCUTCHEONS FOR A COMPLETE INSTALLATION.
- ALL PIPING SHALL BE CONCEALED.
- CONTRACTOR SHALL MAKE ALL CONNECTIONS TO EQUIPMENT.
- CONTRACTOR SHALL PATCH AND REPAIR ALL FINISHES IN ALL AREAS (INCLUDING AREAS OUTSIDE) TO MATCH EXISTING WHERE NEW WORK IS TO BE INSTALLED.

NOTE: THIS IS A GENERAL LEGEND FOR SYMBOLS APPLICABLE TO THIS JOB, REFER TO PLANS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
---	EXISTING HOT WATER LINE (HW)	→	ARROW INDICATES DIRECTION OF	---	RISER ID.
---	EXISTING COLD WATER LINE (CW)	⊥	AIR CHAMBER	ABV.	ABOVE
---	NEW COLD WATER LINE (CW)	⊥	WATER HAMMER ARRESTOR	BLW	BELOW
---	NEW CONDENSATE DRAIN LINE	⊥	AIR ADMITTANCE VALVE (A.A.V.)	CEIL., CLG.	CEILING
---	EXISTING CONDENSATE DRAIN LINE	⊥	BALANCING VLV. W/ INDICATOR	E.W.C.	ELECTRIC WATER COOLER
---	GREASE WASTE (NEW)	⊥	BALL VALVE	E.W.H.	ELECTRIC WATER HEATER
---	EXISTING GREASE WASTE	⊥	CHECK VALVE	FL	FLOOR
---	EXISTING HOT WATER RECIRCULATING LINE (HWR)	⊥	GATE VALVE	F.U.	FIXTURE UNIT
---	NEW HOT WATER LINE (HW)	⊥	SOLENOID VALVE	R.W.L.	RAIN WATER LEADER
---	NEW HOT WATER RECIRCULATING LINE	⊥	VALVE IN BOX	TP	TRAP PRIMER
---	INDIRECT SAFE WASTE (IW)	⊥	GATE VALVE IN VERTICAL	V.T.R.	VENT THRU ROOF
---	EXISTING SANITARY LINE (SAN)	⊥	VACUUM BREAKER	VB	VACUUM BREAKER
---	NEW SANITARY WASTE LINE (SAN)	⊥	HOSE BIBB WITH VACUUM BREAKER	WM	WASHING MACHINE
---	EXISTING VENT LINE (V)	⊥	UNION	WH	WATER HEATER
---	SANITARY VENT LINE (V)	⊥	FLOOR DRAIN W/ TRAP RESEAL	F.D.V.	FIRE DEPARTMENT VALVE
---	EXISTING STORM DRAIN LINE	⊥	WATER HAMMER ARRESTOR	WHA	WATER HAMMER ARRESTOR
---	NEW STORM DRAIN LINE	⊥	FLOOR DRAIN	ESOD	EMERGENCY OVERFLOW
---	FIRE LINE	⊥	ROOF DRAIN	SK	SINK
---	SPRINKLER LINE	⊥	FLOOR CLEAN OUT	SS	SERVICE SINK OR MOP SINK
---	FLOW SWITCH	⊥	WALL CLEAN OUT	WS	WASTE STACK
---	TAMPER SWITCH	⊥	"P" TRAP	OD	OVERFLOW DRAIN
---	LINE TO BE DEMOUSHED / REMOVED	⊥	CONNECT TO EXISTING	SF	SQUARE FEET
---	OVERFLOW STORM DRAIN	⊥	END OF DEMOLITION	IW	INDIRECT WASTE

### LEGEND, SYMBOLS AND ABBREVIATIONS

---	SANITARY WASTE LINE	A/C	AIR CONDITIONING	HS	HAND SINK
---	SANITARY VENT LINE	AD	AREA DRAIN	HOR	HORIZONTAL
---	A.C. CONDENSATE DRAIN LINE	AFC	ABOVE FINISHED CEILING	HP	HORSEPOWER
---	P & T RELIEF VALVE DRAIN LINE	AHU	AIR HANDLING UNIT	HTG	HEATING
---	INDIRECT SAFFEWASTE	BLDG	BUILDING	HW	HOT WATER
---	GAS LINE (FUEL)	BS	BAR SINK	INV	INVERT
---	COLD WATER LINE	CB	CATCH BASIN	KS	KITCHEN SINK
---	HOT WATER LINE	CD	A/C CONDENSATE DRAIN	KW	KILOWATTS
---	CIRCULATING HOT WATER LINE	CF	CUBIC FEET	LAV	LAVATORY
---	FIRE WATER LINE	CLG	CEILING	MH	MANHOLE
---	GREASE WASTE LINE	CO	CLEANOUT	NIC	NOT IN CONTRACT
---	SITE WATER MAIN	COMB	COMBINATION	PSI	POUND PER SQ. INCH
---	FLUSH FLOOR CLEANOUT	CONN	CONNECTION	P&T	PRESSURE & TEMPERATURE
---	WALL CLEANOUT	CW	COLD WATER	RD	ROOF DRAIN
---	HOSE BIBB	DF	DRINKING FOUNTAIN	RWL	RAIN WATER LEADER
---	"P" TRAP	DW	DISHWASHER	SS	SERVICE SINK
---	GATE VALVE	DWG	DRAWING	ST	STORM WATER
---	GATE VALVE IN VERTICAL LINE	ELEV	ELEVATION	SW	SAFEWASTE
---	ELBOW DOWN	EWC	ELECTRIC WATER COOLER	SMR	SHOWER
---	ELBOW UP	EWH	ELECTRIC WATER HEATER	TDH	TOTAL DYNAMIC HEAD
---	TEE DOWN	FCO	FLUSH FLOOR CLEANOUT	TUB	TUB WITH SHOWER
---	TEE UP	FCU	FAN COIL UNIT	UG	UNDERGROUND
---	CHECK VALVE	FE	FIRE EXTINGUISHER	UR	URINAL
---	AIR CHAMBER	FD	FLOOR DRAIN	V	VENT
		FT.W	FEET OF WATER (PRESS)	VS	VENT STACK
		FS	FLOOR SINK	VTR	VENT THRU ROOF
		FU	FIXTURE UNITS	W/	WITH
		G	GAS	WC	WATER CLOSET
		GD	GARBAGE DISPOSAL	WM	WASHING MACHINE
		GPM	GALLONS PER MINUTE	WS	WASTE STACK
		GV	GATE VALVE	SF	SQUARE FEET
		HB	HOSE BIBB	WVS	WATER & VENT STACK
				WHA	WATER HAMMER ARRESTOR

NOTE: NOT ALL SYMBOLS & ABBREVIATIONS ARE USED.

### PLUMBING DEMOLITION NOTES

- SITE INVESTIGATION:**  
 EXAMINATION OF CONTRACT DOCUMENTS AND SITE OF WORK: THE BIDDER IS REQUIRED, BEFORE SUBMITTING HIS PROPOSAL, TO VISIT THE SITE OF THE PROPOSED WORK AND FAMILIARIZE HIMSELF WITH THE NATURE, EXTENT OF THE WORK AND ANY LOCAL CONDITIONS THAT MAY IN ANY MANNER AFFECT THE WORK TO BE DONE AND EQUIPMENT, MATERIALS AND LABOR REQUIRED THEREFORE. SINCE THE WORK INVOLVES EXISTING BUILDINGS, SYSTEMS AND FACILITIES, SPECIAL CONSIDERATION SHALL BE GIVEN TO EXAMINATION OF WORKING CONDITIONS, EXISTING FACILITIES AND ALL BUILDING STRUCTURES. HE IS TO FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS LIGHT VARIATION OF ROUTING AND OR CONSTRUCTIONS SHOULD BE ANTICIPATED BY THIS CONTRACTOR TO AVOID CONFLICTS WITH OTHER TRADES. THESE ARE EXPRESSLY INCLUDED AS PART OF THE WORK WHENEVER REQUIRED AT NO ADDITIONAL COST TO THE OWNER. IGNORANCE ON THE PART OF THE CONTRACTOR WILL IN NO WAY RELIEVE HIM OF THE OBLIGATIONS AND RESPONSIBILITIES ASSUMED UNDER THIS CONTRACT.
- THE NATURE OF THE REMODEL TYPE CONSTRUCTION POSES SPECIAL PROBLEMS FOR THE DESIGNER ENGINEERS AS WELL AS THE PLUMBING CONTRACTOR. EVERY EFFORT HAS BEEN MADE BY THE ENGINEERS TO SHOW AND VERIFY, WHERE POSSIBLE, THE LOCATION OF THE EXISTING PLUMBING SYSTEMS. THE MAJOR PORTION OF THE PLUMBING SYSTEMS ARE AS SHOWN ON THE DRAWINGS: HOWEVER MINOR DEVIATIONS MAY BECOME EVIDENT AS THE JOB PROGRESSES. NO ADVANTAGE IS TO BE TAKEN BY THE PLUMBING CONTRACTOR BECAUSE THESE MINOR DIFFERENCES. PLUMBING CONTRACTOR SHALL PERFORM A FIELD OF VERIFICATION BEFORE BIDDING THIS PROJECT.
- CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING HIS DEMOLITION WORK WITH OTHER TRADES, AND TO PROTECT FROM DAMAGE EXISTING PIPES USED FOR FUTURE CONNECTIONS.
- CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND DEPTH OF EXISTING PIPES BEFORE COMMENCING TO WORK AND MAKE MODIFICATIONS AS REQUIRED WITHOUT ADDITIONAL COST TO THE OWNER.
- EXISTING PIPES SERVING AREAS REMAINING IN SERVICE AT THIS TIME SHALL NOT BE INTERRUPTED UNLESS IS A TEMPORARY INTERRUPTION COORDINATED WITH THE OWNER.
- PLUMBING CONTRACTOR SHALL PAY ALL FEES, INSPECTION AND CONNECTION CHARGES REQUIRED INCLUDING UTILITY FEES.

### WATER HAMMER ARRESTOR SIZING CHART

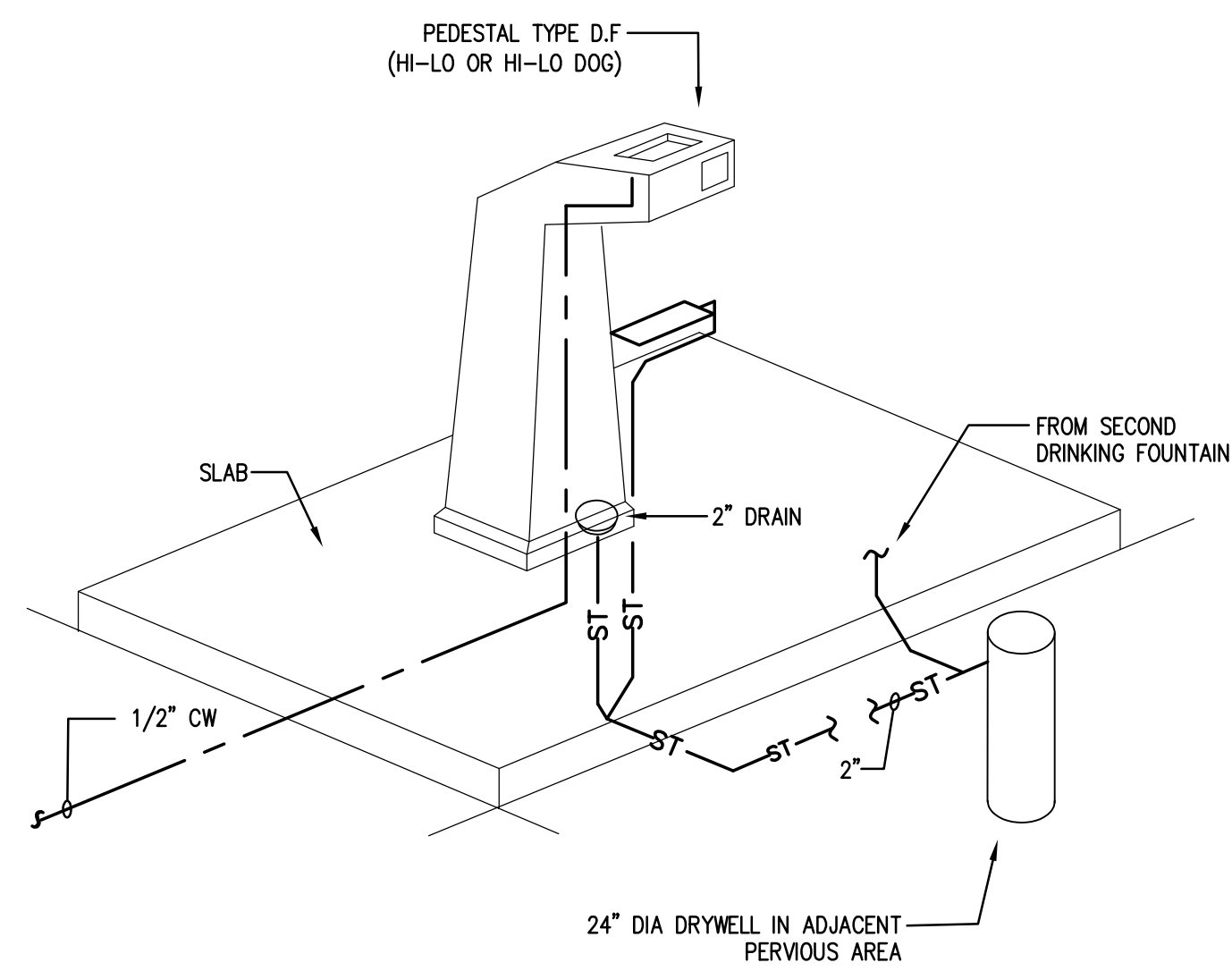
LENGTH OF PIPE	ZURN SHOKTROL WATER HAMMER ARRESTORS, Z-1700 SERIES					
	NOMINAL PIPE DIAMETERS					
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
25	ONE #100	ONE #100	ONE #200	ONE #300	ONE #400	ONE #500
50	ONE #100	ONE #200	ONE #300	ONE #400	ONE #500	ONE #600
75	ONE #200	ONE #300	ONE #400	ONE #100 AND ONE #500	ONE #600	ONE #00 AND ONE #600
100	ONE #300	ONE #500	ONE #200	ONE #600	ONE #300 AND ONE #600	ONE #600
125	ONE #300	ONE #600	ONE #200	ONE #100 AND ONE #500	ONE #500 AND ONE #600	ONE #500 AND TWO #600
150	ONE #400	ONE #600	ONE #200	ONE #400 AND ONE #600	TWO #600	THREE #600
ZURN SHOKTROL SIZE Z-1700 SERIES	#100	#200	#300	#400	#500	#600
P.D.I. UNITS	A	B	C	D	E	F
FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330

### REQUIRED PIPE SLOPES

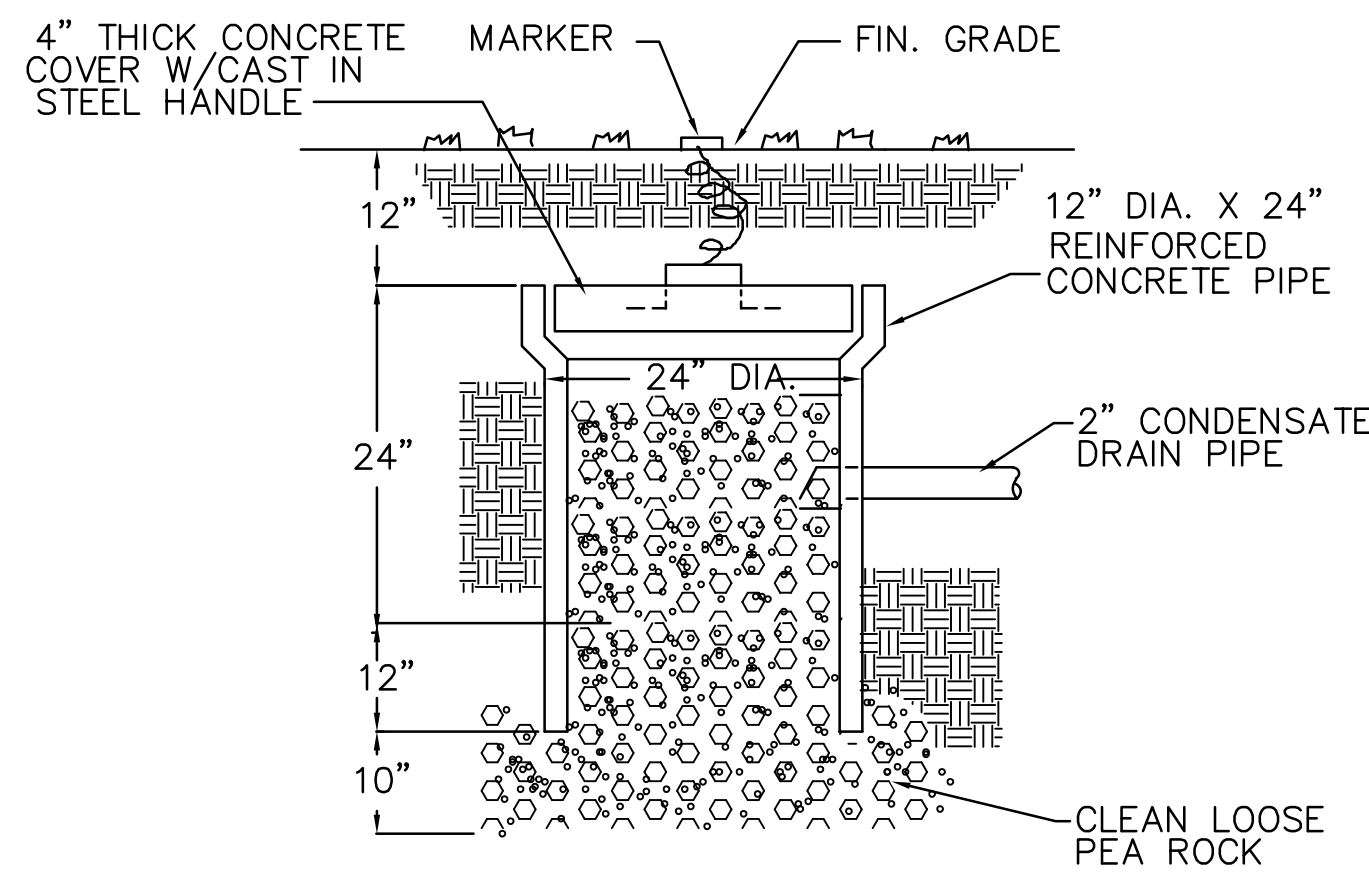
TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE

SIZE (inches)	MINIMUM SLOPE (inch per foot)
2 1/2 OR LESS	1/4
3 TO 6	1/8
8 OR LARGER	1/16

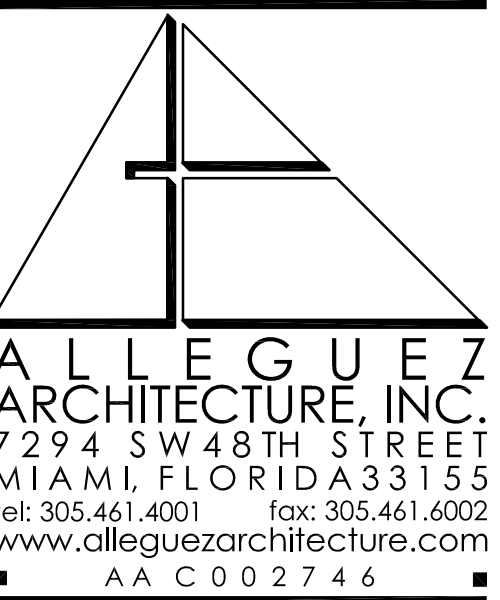
DRAWINGS DO NOT SHOW REQUIRED PIPE SLOPES



TYPICAL DRINKING FOUNTAIN DRAIN LINE AND WATER LINE RISER DIAGRAM NOT TO SCALE



DRY WELL DETAIL NOT TO SCALE



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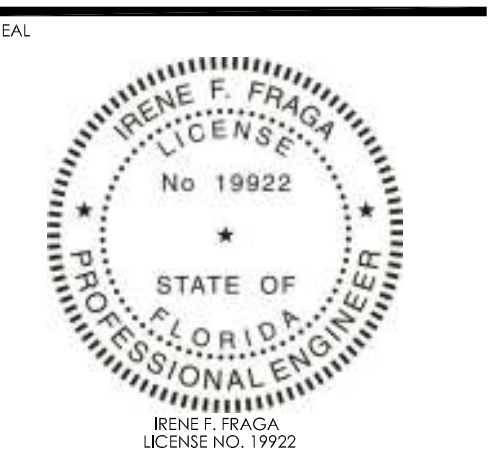
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### 1320 MINI PARK NEW DOG & FITNESS PARK

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DRAWING TITLE: PLUMBING NOTES, LEGENDS, & SCHEDULES



DATE: DECEMBER 15th, 2023

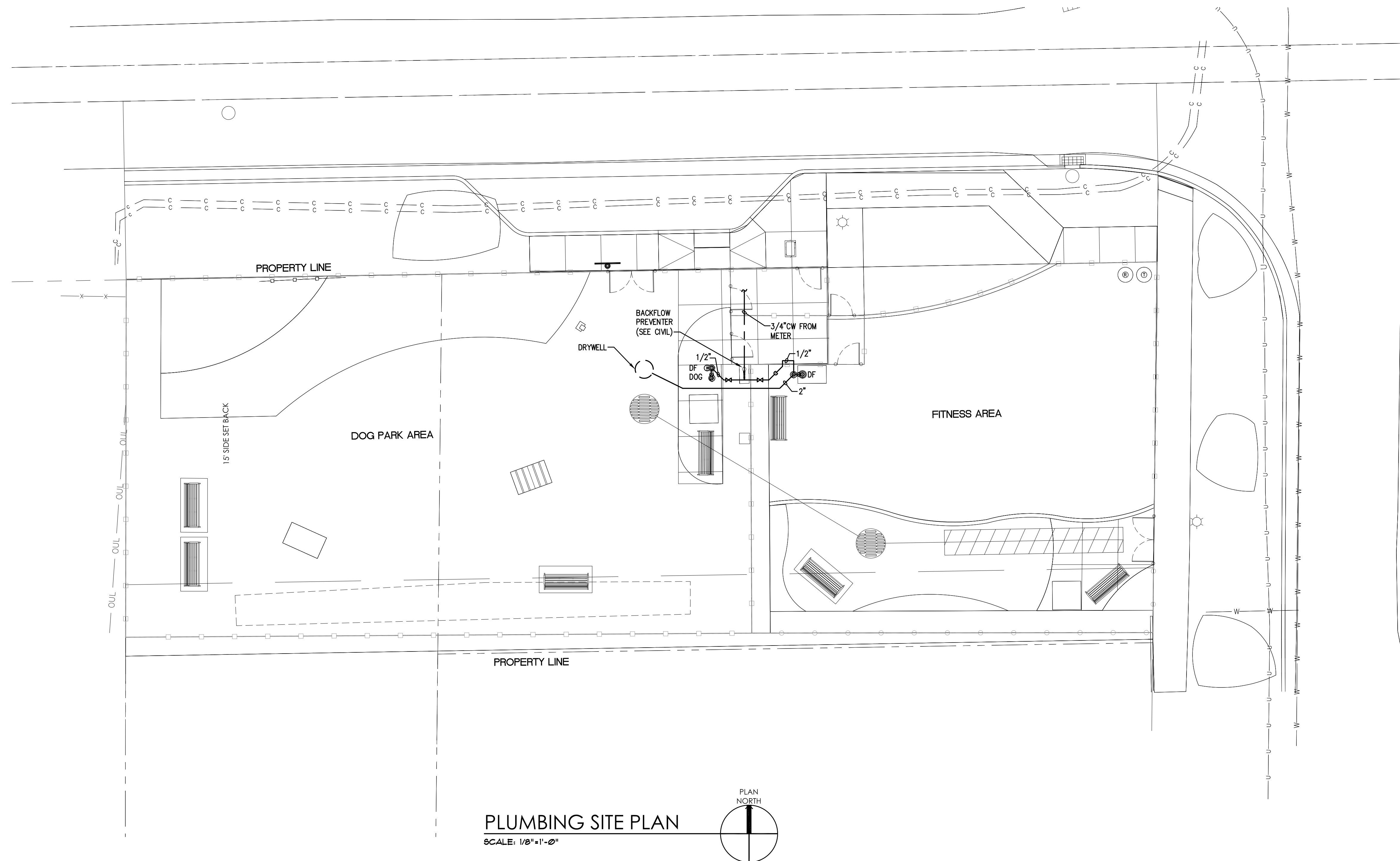
REVISED: 01/31/2024 DERM1 PLAN UPDATE

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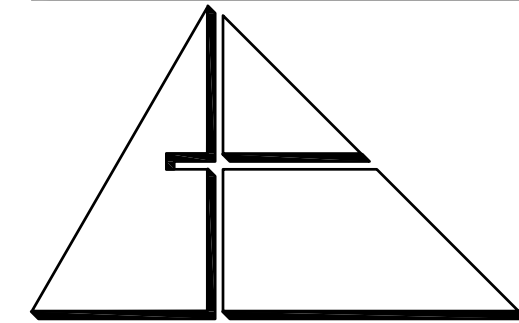
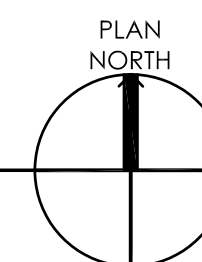
CAD DRAWING NAME: AS100.dwg

SHEET NO:

P 000



**PLUMBING SITE PLAN**  
SCALE: 1/8"=1'-0"



**ALLEGUEZ ARCHITECTURE, INC.**  
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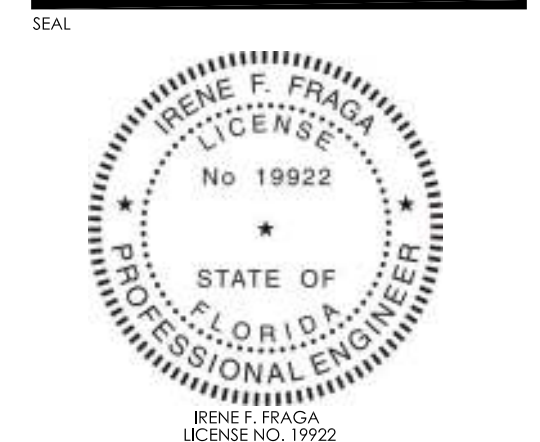
CONSULTANTS:  
LANDSCAPE ARCHITECTS:  
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DRAWING TITLE:  
**PLUMBING  
SITE PLAN**



DATE: DECEMBER 15th, 2023

REVISED:  
1/23/2024 DER1 PLAN UPDATE

PERMIT SET

CAD DRAWING NAME: AS100.dwg

SHEET NO.  
**PS100**

### LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	LAMP	MANUFACTURER	CATALOG. NO.	REMARKS
A	AREA LIGHTING	20' POLE	124W LED	COOPER LIGHTING	GAN-SA3B-740-U-T4W	5' TILT
B	AREA LIGHTING	20' POLE	124W LED	COOPER LIGHTING	GAN-SA3B-740-U-T4W	
C	AREA LIGHTING	20' POLE	124W LED	COOPER LIGHTING	GAN-SA3B-740-U-T4W	10' TILT

**NOTES:**

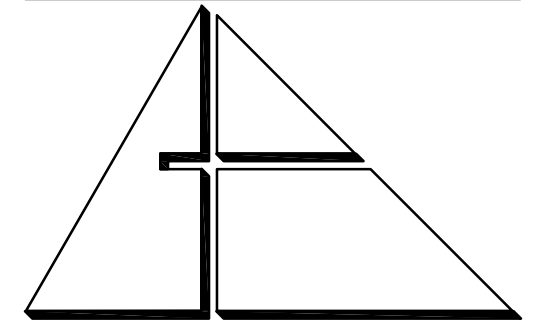
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### ELECTRICAL NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES. INSTALLATION SHALL COMPLY WITH THE 2017 NATIONAL ELECTRICAL CODE, THE 2020 FBC AND OSHA REGULATIONS.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS MANNER AND SHALL BE COMPLETED AND FULLY OPERATIVE TO THE ACCEPTANCE OF THE OWNER AND ENGINEER.
- VISIT PROJECT SITE FOR FAMILIARIZATION AND VERIFY EXACT LOCATION OF POWER AND TELEPHONE SERVICES WITH UTILITY COMPANY REPRESENTATIVES. NOTIFY ENGINEER OF ANY CONFLICTS.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER TRADES AS WELL AS PROVIDING TEMPORARY POWER AT PROJECT SITE FOR ALL TRADES.
- UNLESS OTHERWISE NOTED, MINIMUM BRANCH CIRCUIT WIRE SHALL BE NO. 12 AWG; NO. 10 AWG AND SMALLER SHALL BE SOLID COPPER WITH THWN INSULATION; NO. 8 AWG AND LARGER SHALL BE STRANDED COPPER WITH THWN INSULATION. GROUNDING SHALL BE PER N.E.C. ART. 250.
- ALL WIRING SHALL BE IN RACEWAY, AS FOLLOWS: A) UNDERGROUND OR IN GROUND FLOOR SLAB OR CAST IN CONCRETE ABOVE GROUND - PVC SCH. 40 WITH GREEN BOND WRE, OR ASPHALT-COATED RIGID GALVANIZED STEEL. B) INTERIOR WORK - EMT. C) EXPOSED OUTSIDE - RIGID GALVANIZED STEEL. D) CONNECTIONS TO EQUIPMENT - FLEXIBLE CONDUIT, LIQUID-TIGHT IN WET LOCATIONS.
- PROVIDE NO. 16 AWG PULL WIRES IN ALL EMPTY CONDUITS FOR FUTURE USE.
- FURNISH AND INSTALL HEAVY-DUTY DISCONNECT SWITCHES AND MOTOR STARTERS AS SHOWN AND AS REQUIRED FOR EQUIPMENT FURNISHED BY OTHERS. FUSES SHALL BE DUAL ELEMENT, TIME DELAY.
- PROVIDE ACCURATELY TYPED PANEL DIRECTORIES. PROVIDE AND INSTALL PLASTIC LABELS FOR ALL ELECTRICAL DISTRIBUTION DEVICES SUCH AS PANELS, DISCONNECT SWITCHES, GUTTERS, ETC.; INDICATING DEVICE NAME, VOLTAGE, PHASE, ETC.
- WIRING DEVICE PLATES IN FINISHED AREAS SHALL BE OF PHENOLIC COMPOUND WITH POLISHED FINISH. WIRING DEVICE PLATES IN UNFINISHED AREAS SHALL BE GALVANIZED STEEL WITH ROUNDED CORNERS FOR SURFACE MOUNTED BOXES.
- ALL BALLASTS SHALL BE INDIVIDUALLY FUSED.

### SYMBOL LEGEND

	NEW POST-TOP LUMINAIRE		SAFETY SWITCH: "3" = NO. OF POLES, "60" = SWITCH SIZE, "50" = FUSE SIZE, "NF" = NO FUSE, "600" = VOLTAGE IF OTHER THAN 250 VOLT		INDICATES ABOVE FINISHED FLOOR
	LED FIXTURE		CEILING-MOUNTED JUNCTION BOX		INDICATES EMPTY CONDUIT
	SINGLE-POLE TOGGLE SWITCH; "WP" INDICATES WEATHER-RESISTANT		WALL-MOUNTED JUNCTION BOX		INDICATES GROUND FAULT INTERRUPTOR
	LIGHTING FIXTURE TYPE.		DUPLEX RECEPTACLE WALL MOUNTED; NEMA #5-20R U.O.N., +18" AFF		JUNCTION BOX, WALL.
	HOME RUN TO PANEL; "A" = PANEL DESIGNATION, "1,3,5" = CIRCUIT NOS., TICKS = NO. OF WIRES		DUPLEX RECEPTACLE WALL MOUNTED; NEMA CONFIG. #5-20R, +42" AFF		JUNCTION BOX, CEILING.
	CONDUIT RUN CONCEALED IN CEILING OR WALLS		SINGLE RECEPTACLE; NEMA CONFIG. #5-20R, +18 AFF		CONDUIT TURNED UP.
	CONDUIT RUN CONCEALED IN FLOOR, OR BELOW FLOOR SLAB.		DUPLEX RECEPTACLE IN CAST IRON BOX MOUNTED ON CONDUIT FROM FLOOR.		CONDUIT TURNED DOWN.
	EXISTING CONDUIT RUN		LIGHTING PANELBOARD, 120/208 VOLT, 3-PHASE, 4-WIRE		HOMERUN TO PANEL.
	GROUNDING CONDUCTOR		LIGHTING PANLEBOARD, 277/480 VOLT, 3-PHASE, 4-WIRE		FLEXIBLE CONNECTION TO EQUIPMENT.
	CONDUIT END. CAPPED OR BUSHED AS REQUIRED		DISTRIBUTION PANEL, 277/480 VOLT, 3-PHASE, 4-WIRE		ELECTRIC MOTOR CONNECTION.
	FLEXIBLE CONDUIT CONNECTION, LIQUID-TIGHT CONDUIT IN WET		TRANSFORMER. SIZE AS NOTED		CCTV SECURITY CAMERA



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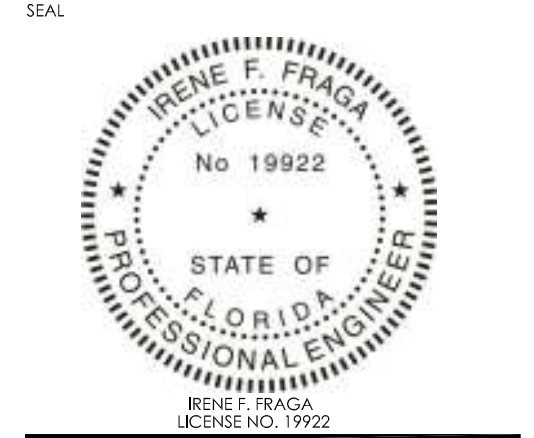
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PROJECT:  
**1320 MINI PARK  
 NEW DOG & FITNESS  
 PARK**  
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 FLORIDA, 33145  
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 CITY PROJECT MANAGER  
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 PHONE: 305-416-1359

DRAWING TITLE:  
 ELECTRICAL NOTES,  
 LEGENDS, & SCHEDULES



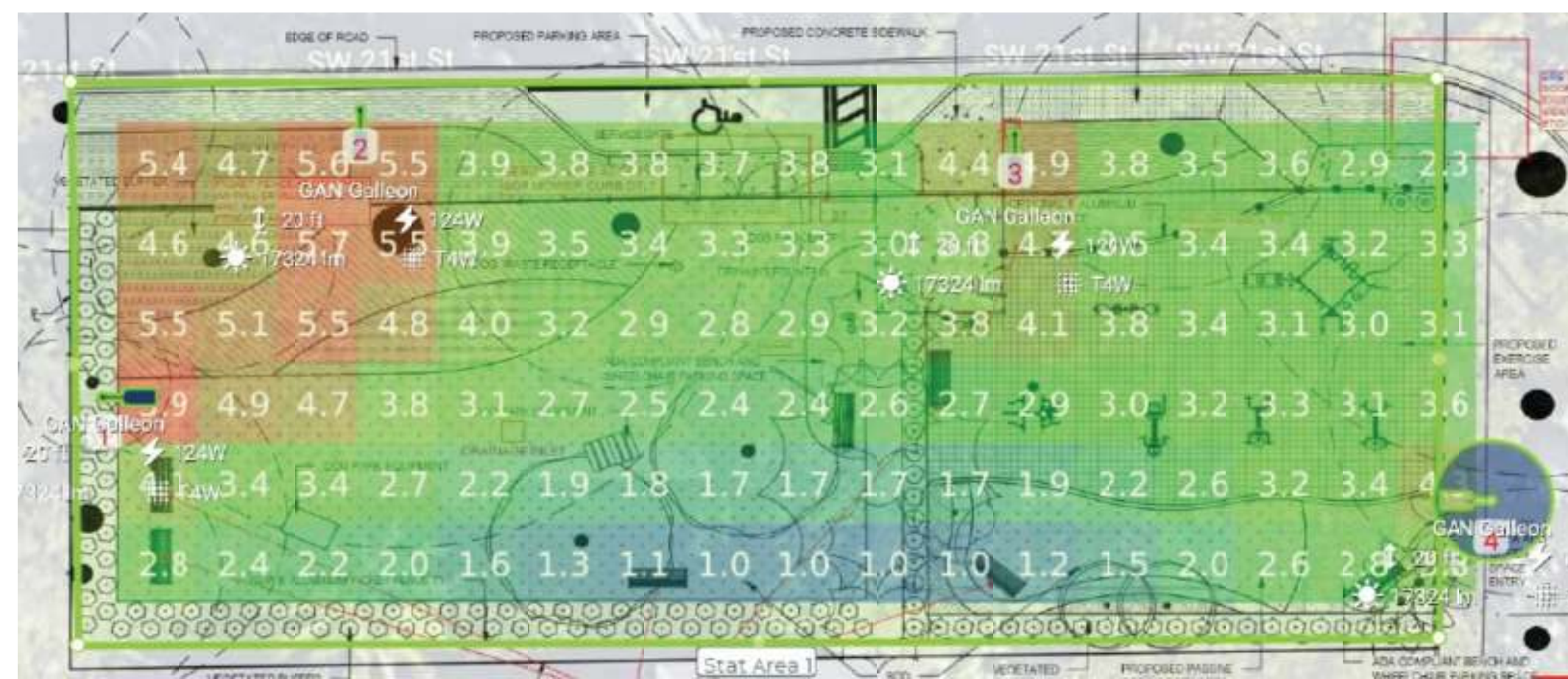
DATE: DECEMBER 15th, 2023

REVISION: 1/21/2024 DERM 4 PLAN UPDATE

CAD DRAWING NAME: AS100.dwg

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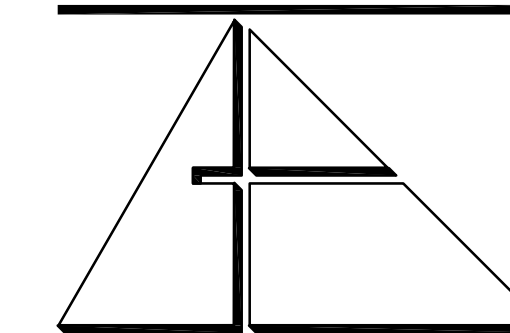
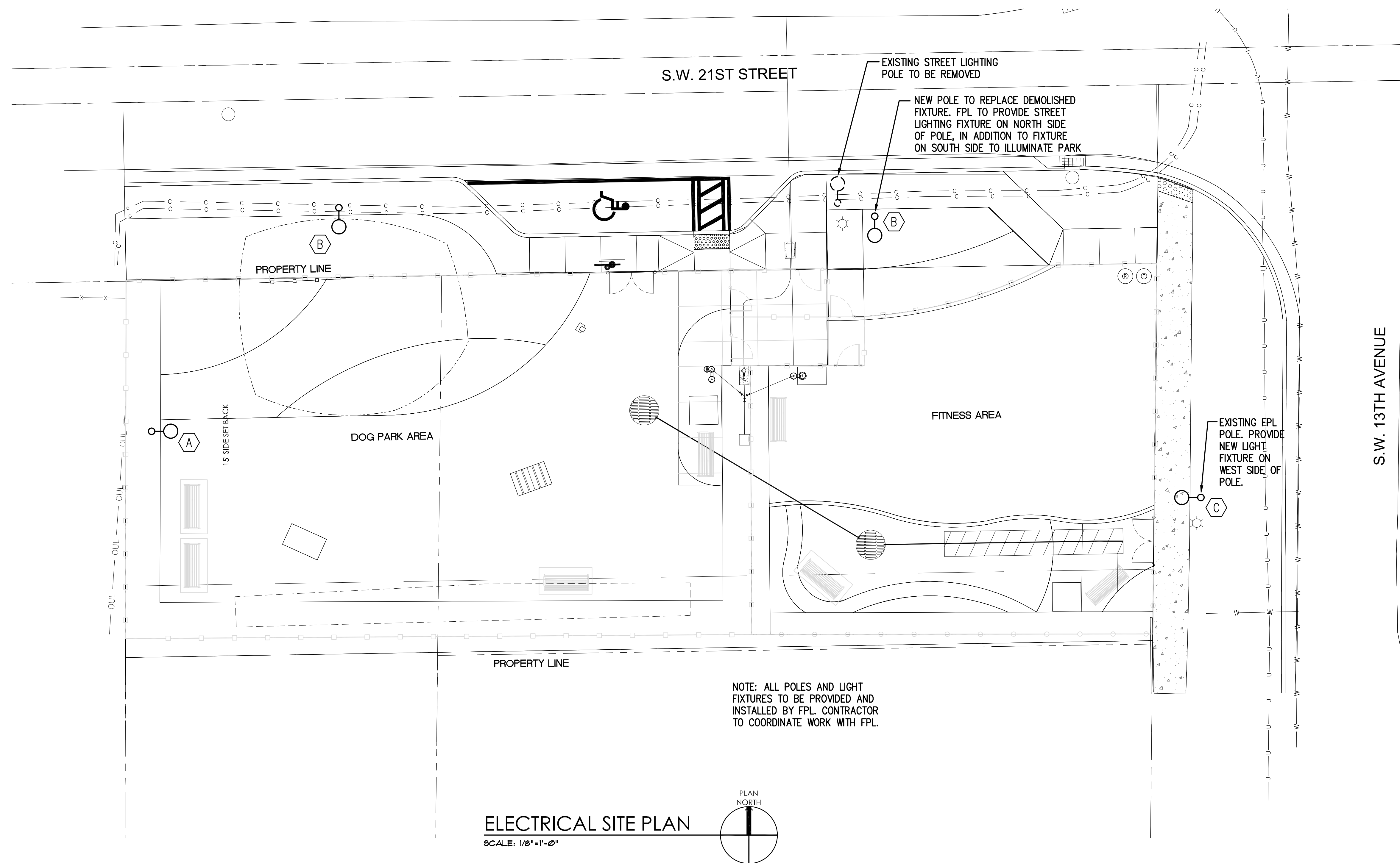
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**PHOTOMETRY**

SCALE: NT5

CALCULATION SUMMARY						
CALC TYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
ILLUMINANCE	FC	3.24	5.90	0.97	3.32	6.05



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DRAWING TITLE:

**ELECTRICAL  
 SITE PLAN**

SEAL:



DATE: **DECEMBER 15th, 2023**

REVISED: **12/31/2024 DERM 4 PLAN UPDATE**

SHEET NO.:

CAD DRAWING NAME: **AS100.dwg**

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