

Arthur Noriega V Mayor Francis Suarez

Commissioner, District 1 Miguel Angel Gabela

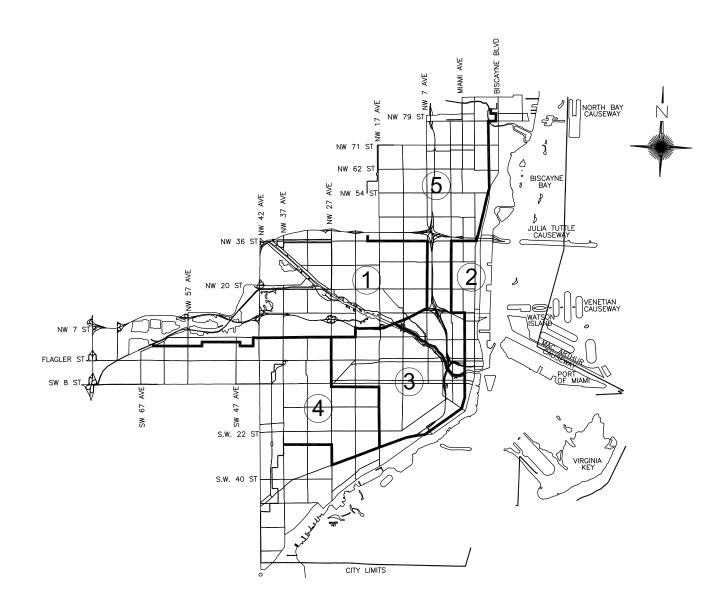
Commissioner, District 2 Damian Pardo

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, NUMBER OF PATRONS: AVERAGE DAILY USAGE IS 19.7 OR APPROXIMATELY 20 MIAMI, FLORIDA 33145 PERMIT SET, DECEMBER 15, 2023



BUILDING LOCATION PLAN N.T.S.









CS-02 CS-03 CS-04 CS-05 CS-06 CS-07 CS-08 CS-09

CS-10 CS-11

CWS-2

CWS-3

AS100

A200

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	PERMIT SET: 12-15-2023	REV 01 - DERM & PLAN UPDATE 1-31-2024		
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TYPICAL SECTIONS				
ROADWAY PAVING, GRADING, AND DRAINAGE				
PAVEMENT MARKING AND SIGNAGE PLAN				
PARK GRADING AND DRAINAGE PLAN				
PAVING AND GRADING DETAILS				
DRAINAGE DETAILS				
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INDEX OF DRAWINGS



ARCHITE 7 2 9 4 S W MIAMI, F tel: 305.461.400 www.allegue	EGUEZ CTURE, INC 48TH STREE LORIDA3315 fax: 305.461.600 ezarchitecture.con
CONSULTANTS:	002746

LANDSCAPE ARCHITECTS **CURTIS ROGERS + DESIGN STUDIO**

ISSUE DATE

7520 S, RED RD., STE M SOUTH MIAMI, FLORIDA, 33143 TEL: (305) 442 1774

CIVIL ENGINEER: SRS ENGINEERING 5001 SW 74TH 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

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

> TITLE SHEET

		ANA ALLEGUEZ, R.A. LICENSE NO. 14190	
	DATE: DEC	CEMBER 15th, 2023	
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GENERAL NOTES:

1.	EXISTING TOPOGRAPHIC AND TREE LOCATION INFORMATION HAS BEEN OBTAINED FROM THE SURVEY PREPARED BY: BISCAYNE ENGINEERING ON 10/03/2023.	15.	UNDERC PROVIDI MEASUF
2.	ALL ELEVATIONS REFER TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD-29).	16.	CONTRA THE CI
3.	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	17	UTILITIE
4.	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".	18.	THE CC NOT SH EXCAVA
5.	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	19.	PROPER The CC Overhe
	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.	20.	ANY W/ DEPARI CONSTR IMPROV
6.	ALL MLW BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED	21.	ALL EX STABILI
	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	22.	NONE (PROPOS
	DAMAGED N.G.V.D. DISCS TO THE ENGINEER, WHO WILL NOTIFY THE GEODETIC INFORMATION CENTER.	23.	ALL DIS RUBBIS
7.	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		DISPOS APPROV ON ADJ
	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.	24.	ALL EX OF BY CONTR
8.	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.	25.	ALL DI REQUIF REGUL
9.	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	26.	CONTR SYSTE STRUC
	INCLUDED IN CONTRACTOR'S PRICE AND SHALL BE DONE ON A DAILY BASIS (MIN).	27.	ALL G
10.	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	28.	ALL U REPLA CONST
	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.	29.	ALL M EXERC MATER DENSI
11.	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.	30.	THE C THROU PROCE
12.	THE CONTRACTOR SHALL NOTIFY THE CITY IN WRITING AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.		PRIVA OR DU CONST
13.	CONTRACTOR SHALL VERIFY, PHOTOGRAPH AND INVENTORY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, PAVEMENT OR OTHER FEATURES. ANY EXISTING STRUCTURE, PAVEMENT, TREE		ONLY BE MA
	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.	31.	ANY P DURIN CONDI
14.	THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE	32.	EXISTII LIMITS
	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	33.	EXISTII CONST
	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	34.	CONTR GRATE
	ARCHITECT/ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.	35.	ALL V. PROPC
		36.	SODDII AS DIF
		37.	PROPC PAVEN

GROUND UTILITY INFORMATION SHOWN HEREON WAS TAKEN FROM "AS-BUILT" DATA DED BY THE VARIOUS UTILITY COMPANIES, CITY OF MIAMI, AND SUPPLEMENTED BY FIELD REMENTS WHEN OBTAINABLE.

ACTOR SHALL BE RESPONSIBLE FOR PROVIDING A PROPER STAGING AREA APPROVED BY TY. STOCKPILING OF MATERIAL IN ROADWAY IS NOT ALLOWED.

ES NEEDED TO BE ADJUSTED WILL BE ADJUSTED BY OTHERS. CONTRACTOR WILL BE NSIBLE FOR SCHEDULING THESE ADJUSTMENTS WITH THE UTILITY COMPANY.

ONTRACTOR SHALL REQUEST THE LOCATION OF ANY WATER, SEWER OR GAS LATERALS HOWN IN THE PLANS SERVICING PROPERTIES ADJACENT TO THE PROJECT BEFORE ATING, THE ADDITIONAL COST OF EXCAVATING AROUND THE LATERALS SERVICING SAID RTIES SHALL BE INCLUDED IN HIS BID.

ONTRACTOR IS TO USE CAUTION WHEN WORKING, SPECIALLY IN OR AROUND AREAS OF EAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.

ATER AND SEWER LINES TO BE ADJUSTED SHALL BE APPROVED BY THE MIAMI-DADE TMENT OF WATER AND SEWER. THE CONTRACTOR SHALL NOTIFY THE CITY OF MIAMI'S RUCTION DEPARTMENT FOR ANY CONFLICTS DURING CONSTRUCTION FOR ANY VEMENTS SHOWN ON THE DRAWINGS

(ISTING ROCK BASE MATERIAL WHICH IS REMOVED IS TO BE INCORPORATED IN THE IZED PORTION OF THE SUBGRADE, AS DIRECTED BY THE ENGINEER.

OF THE EXISTING ROCK BASE THAT IS REMOVED IS TO BE INCORPORATED INTO THE SED LIMEROCK BASE

SPOSAL OF EXCESS AND UNSUITABLE EXCAVATED MATERIAL, DEMOLITION, VEGETATION, SH AND DEBRIS SHALL BE MADE OUTSIDE THE LIMITS OF CONTRUCTION AT A LEGAL SAL SITE PROVIDED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE, WITH THE PRIOR VAL OF THE ENGINEER. MATERIAL CLEARED FROM THE SITE SHALL NOT BE DEPOSITED JACENT AND/OR NEARBY PROPERTY.

XCESS MATERIALS AS DESIGNATED BY THE ENGINEER ARE TO BE DISPOSED THE CONTRACTOR IN AREAS PROVIDED BY HIM AND AT THE RACTOR'S EXPENSE.

DRAINAGE CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REMENTS OF CITY OF MIAMI AND MIAMI-DADE COUNTY DEPARTMENT OF LATORY AND ECONOMIC RESOURCES (RER)

RACTOR IS TO PREVENT DEBRIS OR DIRT FROM ENTERING STORM DRAINAGE EM AS A RESULT OF CONSTRUCTION ACTIVITIES. ALL LINES AND TURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.

GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RESODDED.

INSUITABLE MATERIAL UNDER THE PAVEMENT SHALL BE REMOVED AND ACED WITH ACCEPTABLE MATERIALS BEFORE PROCEEDING WITH TRUCTION.

JUCK AND ORGANIC MATERIALS FOUND WITHIN THE CONSTRUCTION OF CISE AREA OR SLABS SHALL BE REMOVED AND REPLACED WITH CLEAN FILL RIAL IN 6 INCH LIFTS COMPACTED TO NOT LESS THAN 95% MAXIMUM TY AT OPTIMUM MOISTURE IN ACCORDANCE WITH AASHTO T-180.

CONTRACTOR SHOULD TAKE SPECIAL NOTE OF THE SOIL CONDITIONS JGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER EDURES NECESSARY TO PROTECT ADJACENT PROPERTY, EITHER PUBLIC OR TE, DURING EXCAVATION OF SUBSOIL MATERIAL AND EXFILTRATION TRENCH JRING THE FILING OF ANY AREA, OR FOR ANY OPERATION DURING TRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, THE EXCEPTION WILL BE THE PROTECTION OF UTILITIES. ALL UTILITIES SHALL AINTAINED BY THE OWNER OF THE UTILITY.

PUBLIC OR PRIVATE PROPERTY DAMAGED BY CONTRACTOR AT ANY TIME G CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ORIGINAL TION, AT NO EXPENSE TO THE OWNER OR THE CITY OF MIAMI.

ING CHAIN LINK FENCE, CONCRETE WALL AND METAL FENCE WITHIN THE OF CONSTRUCTION SHALL BE PROTECTED UNLESS OTHERWISE INDICATED.

NG DRAINAGE STRUCTURES AND STORM SEWER LINE WITHIN THE TRUCTION LIMITS SHALL BE REMOVED OR MODIFIED AS NOTED.

RACTOR SHALL ADJUST ALL EXISTING VALVES BOXES, CATCH BASINS ES, MANHOLES COVERS, ETC. TO MEET NEW GRADES WHERE APPLICABLE.

ALVES, A.R.V.'S, AND MANHOLES TO BE RAISED AND ADJUSTED TO OSED ROADWAY ELEVATION.

NG TO BE USED AT LOCATIONS WHERE EXISTING LAWNS ARE DISTURBED OR RECTED BY THE ENGINEER.

OSED ELEVATIONS SHOWN AT DRAINAGE STRUCTURES REFER TO EDGE OF MENT UNLESS OTHERWISE NOTED.

- 38. GRADES SHOWN ARE "FINISHED" GRADES.
- 39.

40. 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

- 41. PAVEMENT JOINT MATCHING TO NEW PAVEMENT.
- 42. MEETS EXISTING GRASS AREAS.
- 43. NOTED.
- 44. PROCEEDING WITH THE PROJECT/TASK.

DRAINAGE

- APPROPRIATE EROSION CONTROL DEVICES.
- 2. EXCAVATIONS CAN BE PROPERLY BACKFILLED AND COMPACTED.
- APPROVAL.
- 5. VACUUM CLEANED.

PRE-CONSTRUCTION RESPONSIBILITIES:

- 1.
- 2. WWW.CALLSUNSHINE.COM

PROJECT RECORD DOCUMENTS:

- 1. CONSTRUCTION DRAWINGS.
- 2.
- 3. PLANS AND CD (PDF FORMAT).
- 4. "AS-BUILTS" SHALL UTILIZE THE CITY OF MIAMI VERTICAL DATUM.

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.

WHERE NEW PAVEMENT MEETS EXISTING CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT. SAW CUT AT EXISTING

PROVIDE A SMOOTH TRANSITION WHERE NEW PAVEMENT, SIDEWALK, OR CURB

RADII ON CURB RETURNS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE

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

CONTRACTOR SHALL KEEP NEW AND EXISTING INLETS CLEAN OF PAVING MATERIALS AND DEBRIS. INLETS LOCATED NEAR CONSTRUCTION ACTIVITIES SHOULD BE PROTECTED BY

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

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

EXISTING STRUCTURES AND PIPES TO REMAIN WITHIN LIMITS OF CONSTRUCTION SHALL BE

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.

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

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.



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!



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 74TH 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

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:

	SEAL
	RO STATE OF RO STATE OF RO STATE OF HIGH SON AL EN 1/30/2024
	THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY: IGNACIO SERRALTA, 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 SERRALTA, P.E. LICENSE NO. 45609
	DATE: DECEMBER 15th, 2023
PERMIT SET	REVISED:
	SHEET NO.
	CS-01

UTI	LITIES:		<u>TR/</u>	AFFIC CO
1.	TWO FULL BUSINESS DAYS (48 HOURS) PRIOR TO DIGGING, 811, WWW.CALLSUNSHINE.COM TO REQUEST UTILITY LOCATION CONSTRUCTION ACTIVITIES.		1.	TRAFFIC CO OF THE FL AND BRIDG MINIMUM C
2.	EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING APPROVED BY THE UTILITY OWNER. ALL EXISTING UTILITIES A NOTED.		2.	NOTIFICATIO DAYS PRIO REQUIRED
3.	IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO (PROTECT ALL EXISTING UTILITIES ON THIS PROJECT. ANY DAM IMMEDIATELY REPORTED TO THE UTILITY OWNER. THE OWNER SUCH DAMAGE BY ORDERING OUTSIDE PARTIES TO MAKE SUC THE CONTRACTOR.	AGE TO UTILITIES SHALL BE RESERVES THE RIGHT TO REMEDY	3.	DEPT. AT THE DIS DELAY, THE THAT THE
4.	THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT T	O THE PROJECT HAVE ELECTRIC,	4.	THE TRAFF ZONE UNTI
	TELEPHONE, GAS, WATER AND/OR SEWER SERVICE LATERALS PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATIN COMPACTING AROUND THESE LATERAL SERVICES MUST BE IN	THESE LATERAL SERVICES FROM NG, INSTALLING, BACKFILLING AND	5.	LANE CLOS DAYS/NIGH EXCEPTION
5.	FOR THE WORK BEING DONE. UTILITY OWNERS:		6.	AS DETERM
5.		00780C@ATT 00M		SHALL BE
	AT&T/DISTRIBUTION BREEZELINE	G27896@ATT.COM 305-861-8069 x5208	7.	CONTRACTO ROADWAYS FOR REMOV
	CROWN CASTLE NG	800-654-3110	8.	ALL TEMPO
	DADE COUNTY PUBLIC WORKS AND TRAFFIC	305-412-0891 x201		THE PLANS
	FLORIDA POWER & LIGHT	386-586-6403	9	EACH EXIS
	MIAMI DADE – SEWER	786-268-5329		AND MAINT LONGER AF
	MIAMI DADE – WATER	786-268-5329		POSITION. (MAINTENAN
	TECO PEOPLES GAS SOUTH FLORIDA	813–275–3783	10.	FOR DROP SHEET 8 0 BARRIERS
			11.	CONTRACTO MOT PLAN

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 WITHIIN THE DRIPLINE OF 2. EXISTING TREES.
- 3. 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 5. CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL NOT REMOVE, RELOCATE OR PRUNE ANY TREES WITHOUT PRIOR 6. 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 7. CONTROLLING DUST.

WORK ZONE LIMITS:

NO	M	DRE
WO	RK	AN
BEC	ΞN	IN
OPI	ERA	TION

12.

CONTROL PLANS:

CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION FLORIDA DOT DESIGN STANDARDS (102-SERIES), THE STANDARD SPECIFICATION FOR ROAD DGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS CRITERIA.

TION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING NOR TO CLOSURE. DETOUR OR MOT PHASE CHANGE SHALL BE SUBMITTED WITH THE LANE CLOSURE FORM. SKETCHES. CALCULATIONS. AND OTHER DATA TO PUBLIC WORKS

DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.

FFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ITIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.

OSURE SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT GHTS/WEEKENDS. NON PEAK HOURS 9:00 AM TO 3:30 PM WEEKDAYS AND SATURDAYS. INS MAY BE GRANTED UPON WRITTEN REQUEST TO THE CITY.

RMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN INS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.

TOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORM WATER FROM YS UTILIZED FOR MAINTAINING TRAFFIC IN A MANNER APPROVED BY THE ENGINEER. COST OVING THE WATER SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC COST.

PORARY STRIPES AND MARKINGS SHALL BE PAINT ONLY, UNLESS OTHERWISE SPECIFIED ON NS OR APPROVED BY THE ENGINEER. COST OF TEMPORARY STRIPPING SHALL BE INCLUDED COST.

(ISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED NTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION OF THE PROJECT. WHEN NO AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL COST OF TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCLUDED IN ANCE OF TRAFFIC COST.

OP OFFS, THE CONTRACTOR'S SHALL FOLLOW TO FDOT STANDARD INDEX NO. 102–600 OF 11. THE CONTRACTOR SHALL USE SHOULDER TREATMENT DETAIL WHEN NO ARE REQUIRED IN THE PLANS

TOR 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.

> THAN TWO BLOCKS OF STREET SHALL BE UNDER CONSTRUCTION AT A TIME AND ALL ID RESTORATION SHALL BE COMPLETED ON ONE OF SUCH BLOCKS BEFORE WORK MAY A NEW BLOCK. FINAL RESURFACING SHALL BE PLACED WITHIN 48 HOURS OF THE MILLING

SIGNING AND PAVEMENT MARKINGS:

- 2. INCLUDED IN THE RELOCATION BID ITEM.
- OTHERWISE NOTED.
- THE PROJECT.
- 5.
- MIAMI-DADE SIGNALS AND SIGNS DIVISION.
- CONSTRUCTION.
- INCLUDED IN THE RELOCATION PAY ITEM.
- 10.
- 11.

ABBREVIA	۹. TI	ONS:	INV.	=	INVERT
A.R.V.	=	AIR RELEASE VALVE	L.F.	=	LINEAR FEET
BLDG.	=	BUILDING	M-DWASD	=	MIAMI-DADE WATER AND SEWER DEPT.
С.В.	=	CATCH BASIN	M.E.G.	=	MATCH EXISTING GRADE
<u></u>	=	CENTER LINE	MIN.	=	MINIMUM
C.O.	=	CLEANOUT	М.Ј.	=	MECHANICAL JOINT
CONC.	=	CONCRETE			(FITTING)
С.О.Н.	=	CITY OF HIALEAH	P.E.	=	PLAIN END (FITTING)
CONN.	=	CONNECTION	P.I.V.	=	POST INDICATOR VALVE
CONT.	=	CONTINUATION	P/L, P	=	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	S∕L, €	=	SECTION LINE
1.0.0.		CONNECTION	STA.	=	STATION
F.F.E.	=	FINISHED FLOOR ELEVATION	STD.	=	STANDARD
F.H.	=	FIRE HYDRANT	T.O.P.	=	TOP OF PIPE
F.M.	=	FORCE MAIN	VERT.	=	VERTICAL
H.D.P.E.	=	HIGH DENSITY POLYETHYLENE	W.M.	=	WATER MAIN
HORIZ.	=	HORIZONTAL	T.B.F.V.	=	TO BE FIELD VERIFIED

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

ALL PAVEMENT MARKINGS, MESSAGES, AND ARROWS SHALL BE THERMOPLASTIC UNLESS

REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ALONG THE ENTIRE LENGTH OF

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

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

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

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



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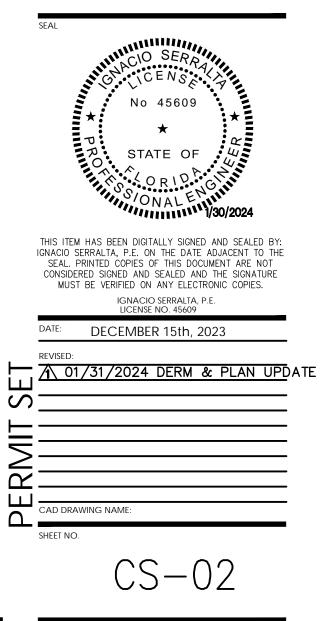
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FITNESS EQUIPMENT: **GREEDFIELDS OUTDOOR** FITNESS, INC 2617 W, WOODLAND DR, ANAHEIM, CA 92801 PH 888.315.9037 FAX: 866.308.9719

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

GENERAL NOTES



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)	СҮ	6.0
120-4	SUBSOIL EXCAVATION (CONTINGENCY ITEM)	СҮ	5.0
120-6	EMBANKMENT (CONTINGENCY ITEM)	СҮ	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 DESCRIPTION	UNIT	PLAN QUANTITY
REGULAR EXCAVATION (FITNESS PAD)	СҮ	48.2
TYPE B STABILIZATION	SY	175.0
INLETS ADS 24" BASIN	EA	2.0
PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD (HDPE)	LF	43.0
EXFILTRATION DRAIN (15")	LF	25.0
CONCRETE SIDEWALK, 6" THICK	SY	73.0
PERFORMANCE TURF, SOD SEE LANDSCAPE PLANS FOR QUANTITY	SY	TBD
WATER SERVICE CONNECTION IRRIGATION (NEW METER)	LS	1.0
	REGULAR EXCAVATION (FITNESS PAD) TYPE B STABILIZATION INLETS ADS 24" BASIN PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD (HDPE) EXFILTRATION DRAIN (15") CONCRETE SIDEWALK, 6" THICK PERFORMANCE TURF, SOD SEE LANDSCAPE PLANS FOR QUANTITY	REGULAR EXCAVATION (FITNESS PAD)CYTYPE B STABILIZATIONSYINLETS ADS 24" BASINEAPIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SDLF(HDPE)LFEXFILTRATION DRAIN (15")LFCONCRETE SIDEWALK, 6" THICKSYPERFORMANCE TURF, SOD SEE LANDSCAPE PLANS FOR QUANTITYSY

SUMMARY OF SIGNING AND PAVEMENT MARKING PAY ITEMS

	1	T	
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-REFLEXTIVE (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, MESSSAGE 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 ACCESIBLE, 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, MESSSAGE 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

A L L E G U E Z A L L E G U E Z ARCHITECTURE, INC. 7294 SW48TH STREET MIAMI, FLORIDA33155 tel: 305.461.4001 fax: 305.461.6002 www.alleguezarchitecture.com

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PROJECT:

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DRAWING TITLE:

SUMMARY OF QUANTITIES

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	PAY ITEM NOTES:
102–1	TO BE ACCOMPLISHED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC DEVICES FOR STREETS AND HIGHWAYS, U.S. DEPARTMENT OF TRANSPORTATION HIGHWAY ADMINISTRATION. PUBLIC WORKS MANUAL OF MIAMI DADE COUNTY, TH REVISIONS OF THE AFOREMENTIONED MANUALS AT TIME OF CONSTRUCTION WITH APPROVAL, AND IN ACCORDANCE WITH THE LATEST FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS INDEX 102 SERIES. INCLUDES THE COST CONSTRUCTION OF TEMPORARY PAVEMENT & ITS SUBSEQUENT REMOVAL.
110-1-1	CONSISTS OF COMPLETE REMOVAL AND DISPOSAL OF ALL VEGETATION, DEBRIS, FLEXIBLE PAV CONCRETE SIDEWALK, CURB & GUTTER, CONCRETE DEBRIS OR ANY OTHER OBSTRUCTIONS IN WHERE EXCAVATION IS TO BE DONE. THIS INCLUDE ROADWAY AREA AND AREAS WHERE PIPE CONSTRUCTED. ALL DEBRIS SHOULD BE DISPOSED OF IN LEGAL AREAS PROVIDED BY THE CO
120-1	INCLUDED THE REGULAR EARTHWORK EXCAVATION (SEE TABLE BELOW). THESE ARE ESTIMATED MAY BE INCREASED OR DECREASED.
120-4	CONTINGENCY ITEM: THE DISPOSAL OF MUCK, CLAY, ROCK, OR OTHER UNSUITATHAT COULD EXIST.
120–6	INCLUDES ALL WORK AND MATERIALS (SUITABLE MATERIAL) PER FDOT SECTION INDEX 120–001 + CONTINGENCY ITEM: REPLACE WITH CLEAN FILL THE VOLUME EXCAVATION(PAY ITEM 120–4), IF IS NEEDED
160—4	INCLUDES ALL WORK AND MATERIALS SPECIFIED IN SECTION 160 (FDOT STANDARD SPECIFICA AND BRIDGE CONSTRUCTION, JULY 2024), INCLUDING FURNISHING, SPREADING AND MIXING OF STABILIZING MATERIAL REQUIRED AND ANY REPROCESSING OF STABILIZATION AREAS NECESSAR SPECIFIED BEARING VALUE.
327-70-1	CONSISTS OF REMOVING EXISTING AC PAVEMENT TO IMPROVE THE RIDEABILITY FINISHED PAVEMENT, TO COMPLETELY REMOVE EXISTING PAVEMENT. INCLUDES THE MILLED MATERIAL AWAY AND DISPOSE OF IT PROPERLY. ALSO INCLUDES R EXISTING REFLECTIVE PAVEMENT MARKER
	INCLUDES: POLLUTION RETARDANT BAFFLE, FRAME, GRATES, COVERS, MATERIAL PIPE ENCASEMENT, INLET PROTECTION (ACCORDANCE WITH THE PLANS, STANDA EROSION AND SEDIMENT CONTROL MANUAL FOR THE PROTECTION OF PROPOSEI 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 N
430-174 SERIES	INCLUDES FURNISHING AND PLACING: PIPE PLUGS, PIPE FITTING, CAPS, CONCE AND SOLID PIPES.
443–70	INCLUDES: EXCAVATION TO PLAN ELEVATION (10 FEET DEEP, SEE DETAILS SHE FURNISHING AND PLACING: (PIPE PLUGS, PIPE FITTINGS, PERFORATED PIPES, B AND BACKFILLING WITH SELECT FILL, FILTER FABRIC AND ALL APPLICABLE ITEM TO CONSTRUCT DRAIN). ALSO, IT IS INCLUDED THE ADDITIONAL COST OF EXCA AROUND THE LATERALS SERVICING SAID PROPERTIES.
522–2	ESTIMATED QUANTITY FOR: DRIVEWAYS, SIDEWALK, RAMPS, APRON, AND CONC. SLAB (REINFOR 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 LA BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER. CENTIPIDE OR 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 CONTRUCTION 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 DISPOSED 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 DISPOS 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 LAI 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

- FIC CONTROL ON FEDERAL THE LATEST ITH ENGINEER
- OF

AVEMENT, IN ALL AREAS LINES WILL BE CONTRACTOR.

ED QUANTITIES AND

TABLE MATERIAL

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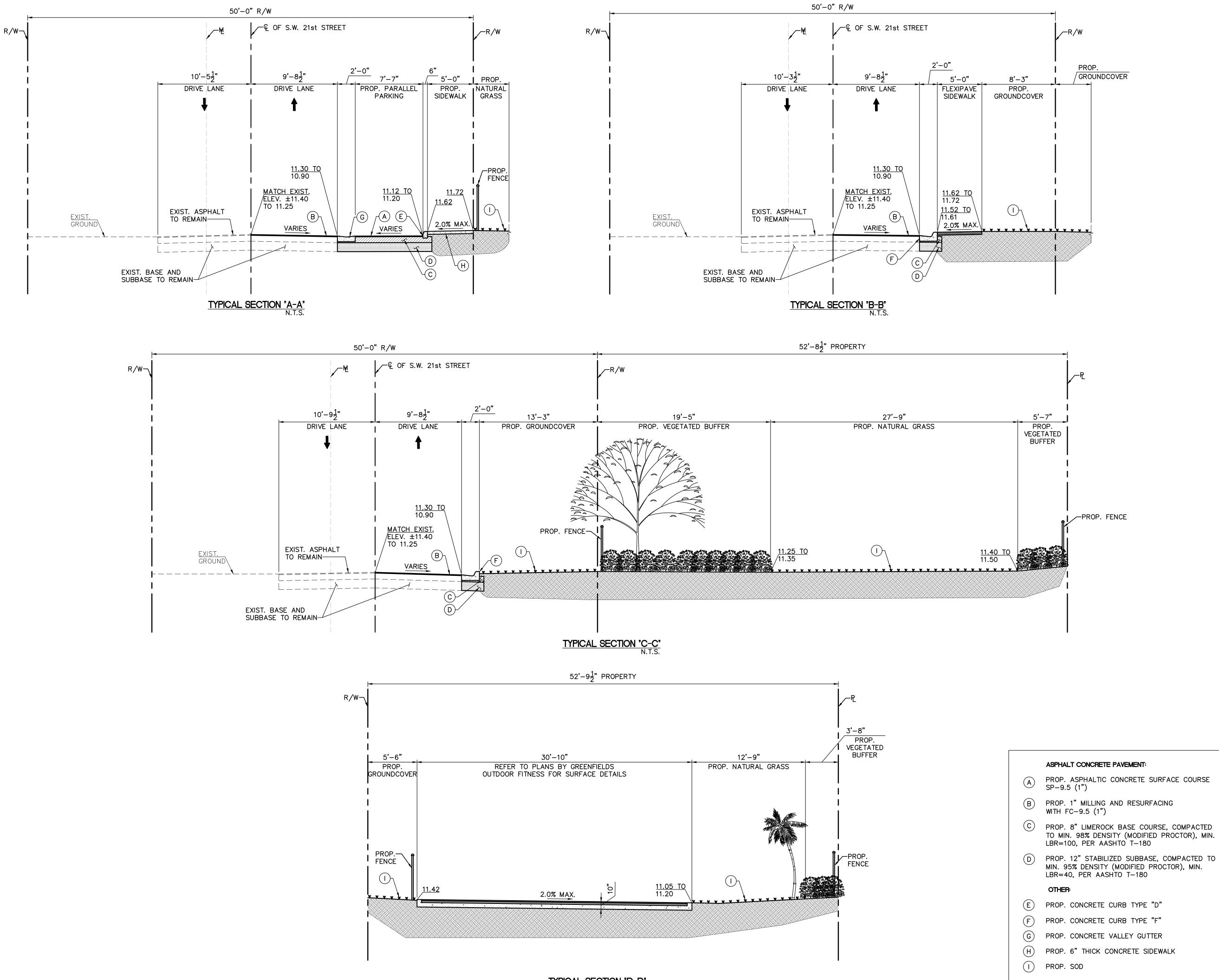
1320 MINI PARK **NEW DOG & FITNESS** PARK

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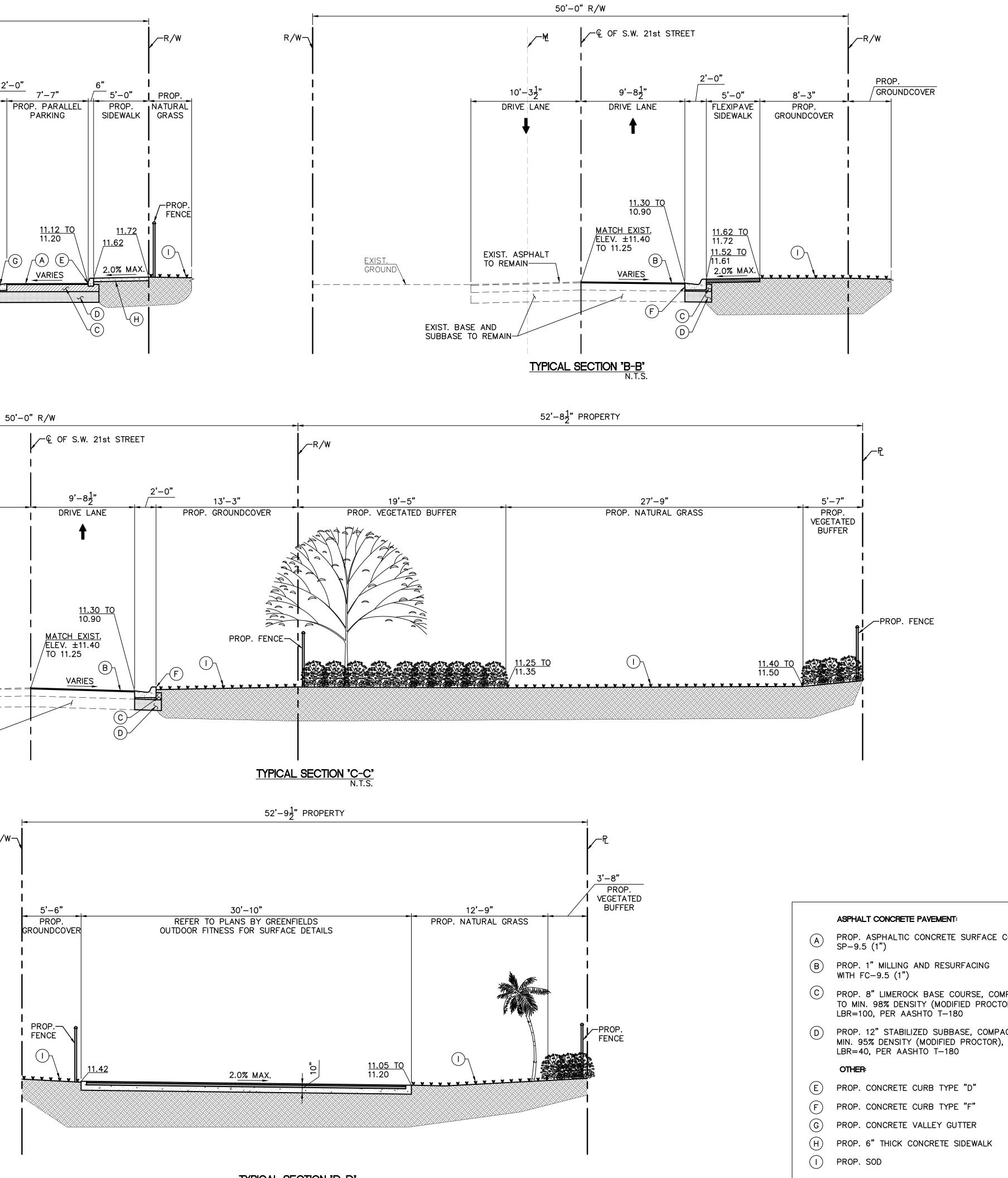
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SUMMARY OF QUANTITIES NOTES

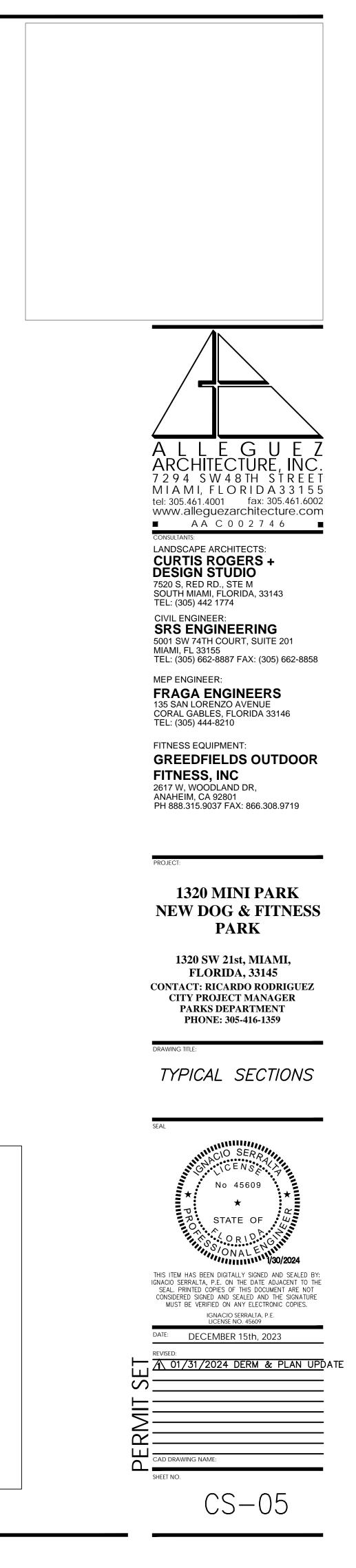
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///////////////////////////////////////
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY: IGNACIO SERRALTA, P.E. ON THE DATE ADJACENT TO THE
SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC COPIES. IGNACIO SERRALTA, P.E.
DECEMBER 13th, 2023
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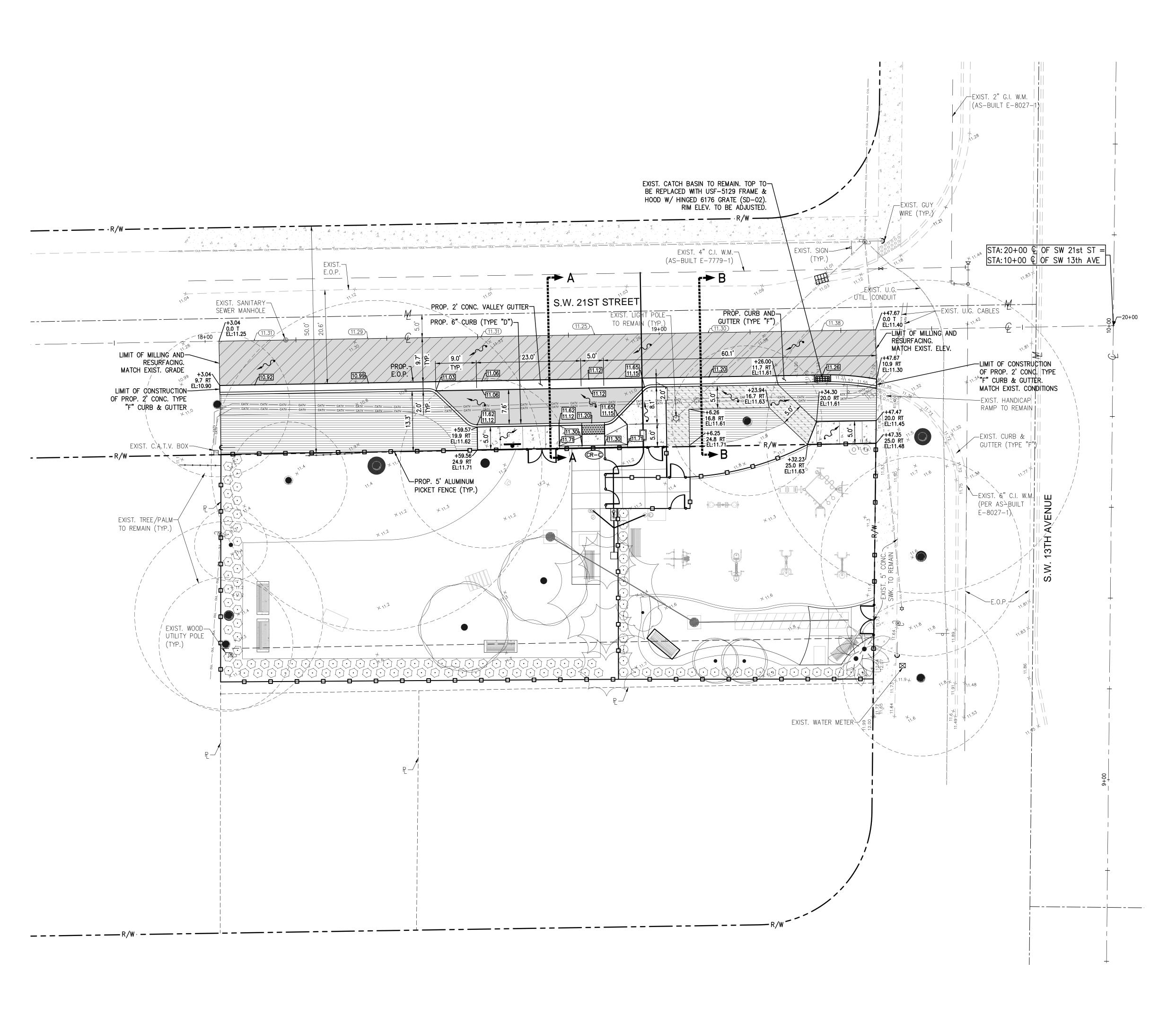


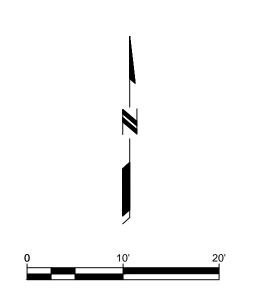




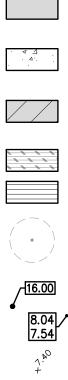
TYPICAL SECTION "D-D"







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 FLEXIPAVE SIDEWALK PROPOSED GROUNDCOVERS (BY OTHERS)

EXISTING TREE TO REMAIN

PROPOSED ELEVATION

8.04 / TOP OF CURB ELEVATION 7.54 BOTTOM OF CURB ELEVATION ↓[№] EXISTING ELEVATION

RUNOFF FLOW

A L L E G U E Z ARCHITECTURE, INC. 7294 SW48TH STREET MIAMI, FLORIDA33155 tel: 305.461.4001 fax: 305.461.6002 www.alleguezarchitecture.com

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 74TH COURT, SUITE 201 MIAMI, FL 33155 TEL: (305) 662-8887 FAX: (305) 662-8858

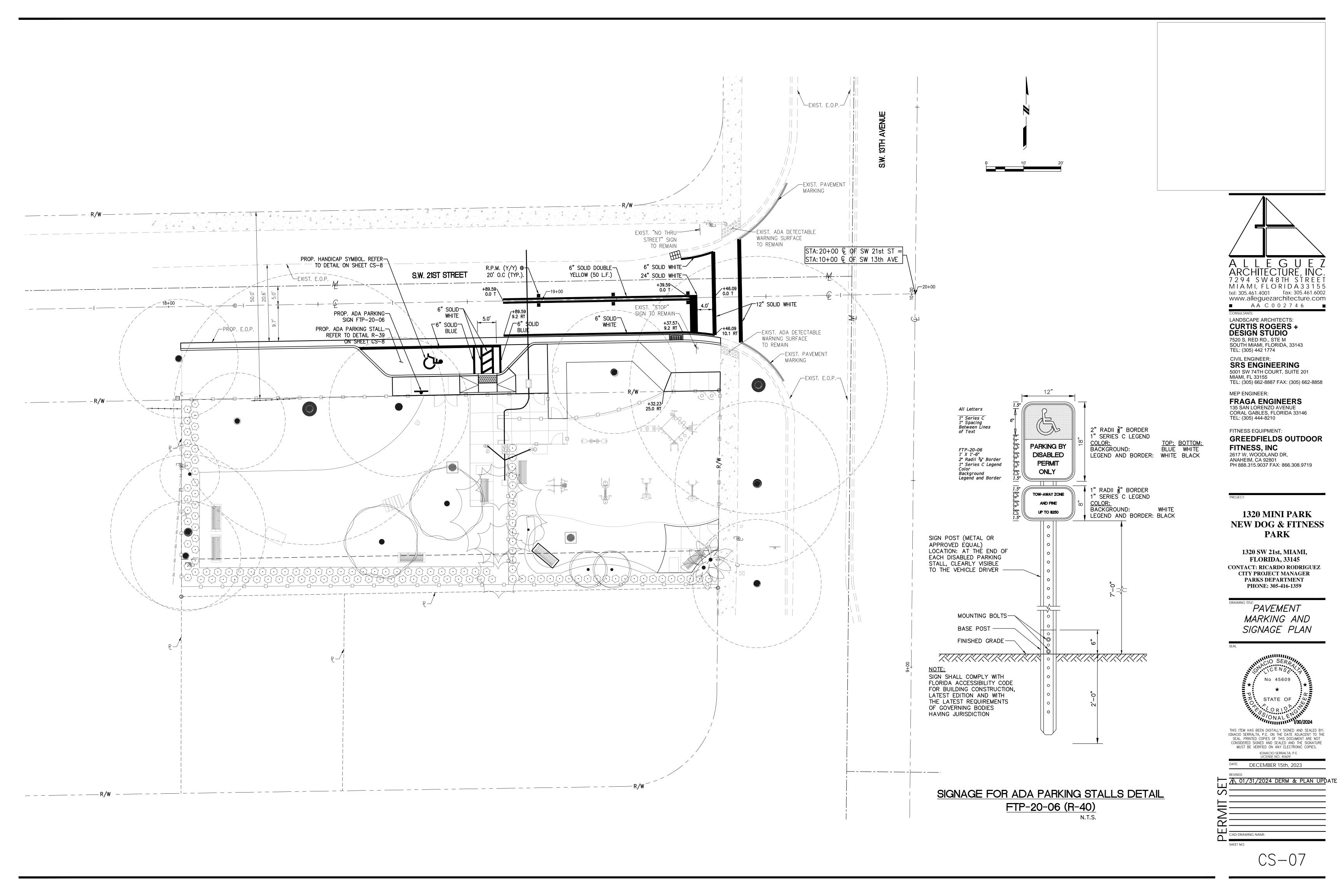
MEP ENGINEER: **FRAGA ENGINEERS** 135 SAN LORENZO AVENUE CORAL GABLES, FLORIDA 33146 TEL: (305) 444-8210

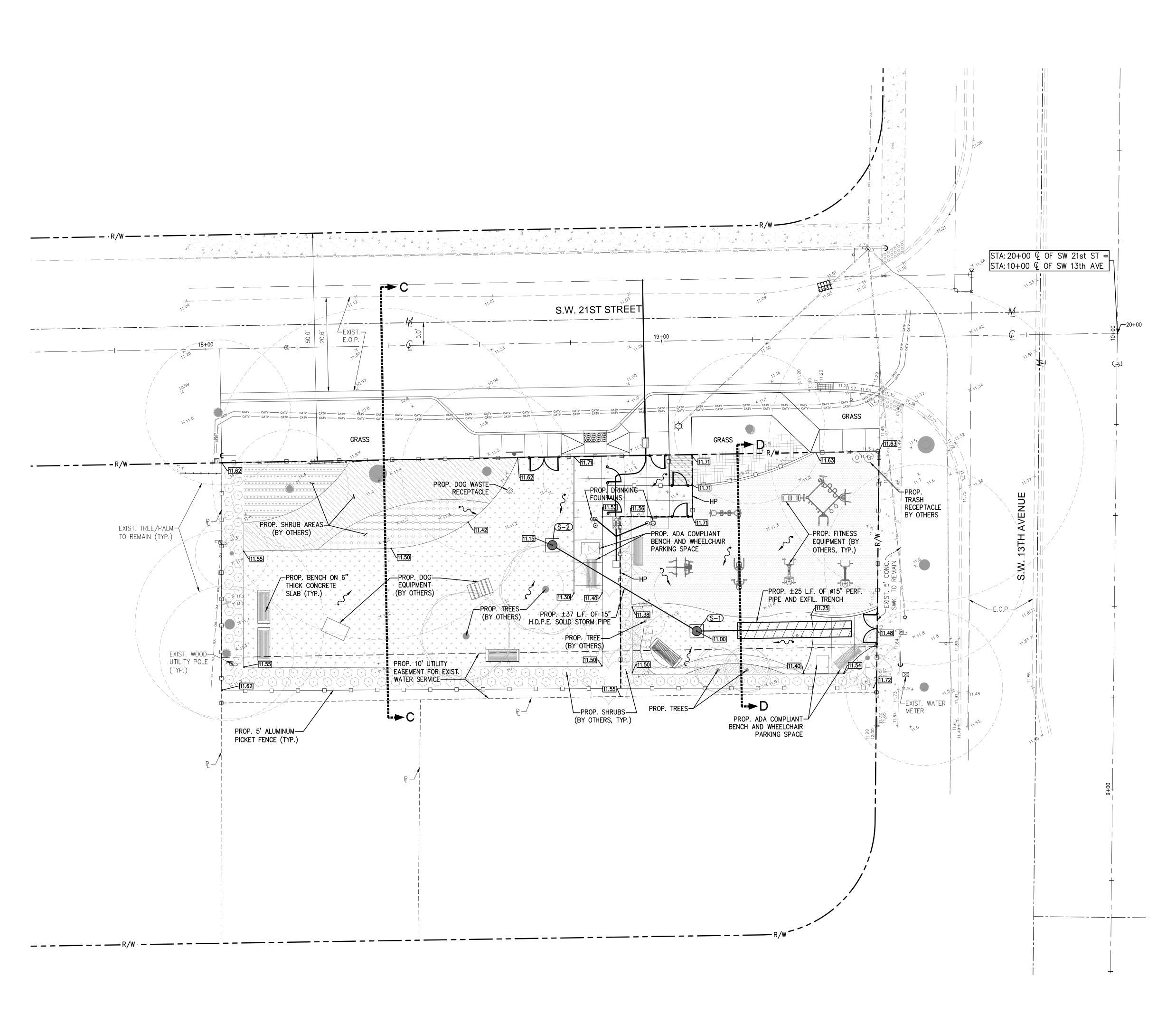
FITNESS EQUIPMENT: GREEDFIELDS OUTDOOR FITNESS, INC 2617 W, WOODLAND DR, ANAHEIM, CA 92801 PH 888.315.9037 FAX: 866.308.9719

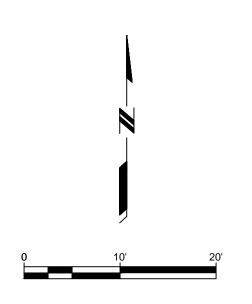
PROJECT:

1320 MINI PARK NEW DOG & FITNESS PARK

DRAWING TITLE:	-
ROADWAY PAVING.	
GRADING, AND	
DRAINAGE	
DNAMAGL	
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No 45609	
TAL STATE OF	
CORIDA CIT	
MINS/ONALENIN	
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DECEMBER 15th, 2023	_
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CAD DRAWING NAME:	-
SHEET NO.	
(S-06)	







LEGEND:

	PROPOSED POURED–IN–PLACE RUBBER SURFACE (BY OTHERS)
1 	PROPOSED FLEXIPAVE SIDEWALK (BY OTHERS)
 ✓ <u>∆</u> . Δ 	PROPOSED 6" THICK CONCRETE
	PROPOSED GROUNDCOVER (BY OTHERS)
> + + + + + + + > + + +	PROPOSED SOD (BY OTHERS)
•	EXISTING TREE TO REMAIN
	RELOCATED PALMS (BY OTHERS)
\bigcirc	PROPOSED DRAINAGE STRUCTURE
S-2)	STRUCTURE NUMBER
11.63	PROPOSED ELEVATION
• ~;* *	EXISTING ELEVATION
<u>HP</u>	PROPOSED HIGH POINT
n.	RUNOFF FLOW
	PROPOSED EXFILTRATION TRENCH AND PERF. PIPE
	PROPOSED SOLID STORM PIPE

STRUCTURE TABLE						
STRUCT. STRUCT. TYPE		FRAME AND GRATE	RIM/GRATE ELEV.	BOTTOM ELEV.	INV. (DIR., SIZE, MAT.)	SUMP
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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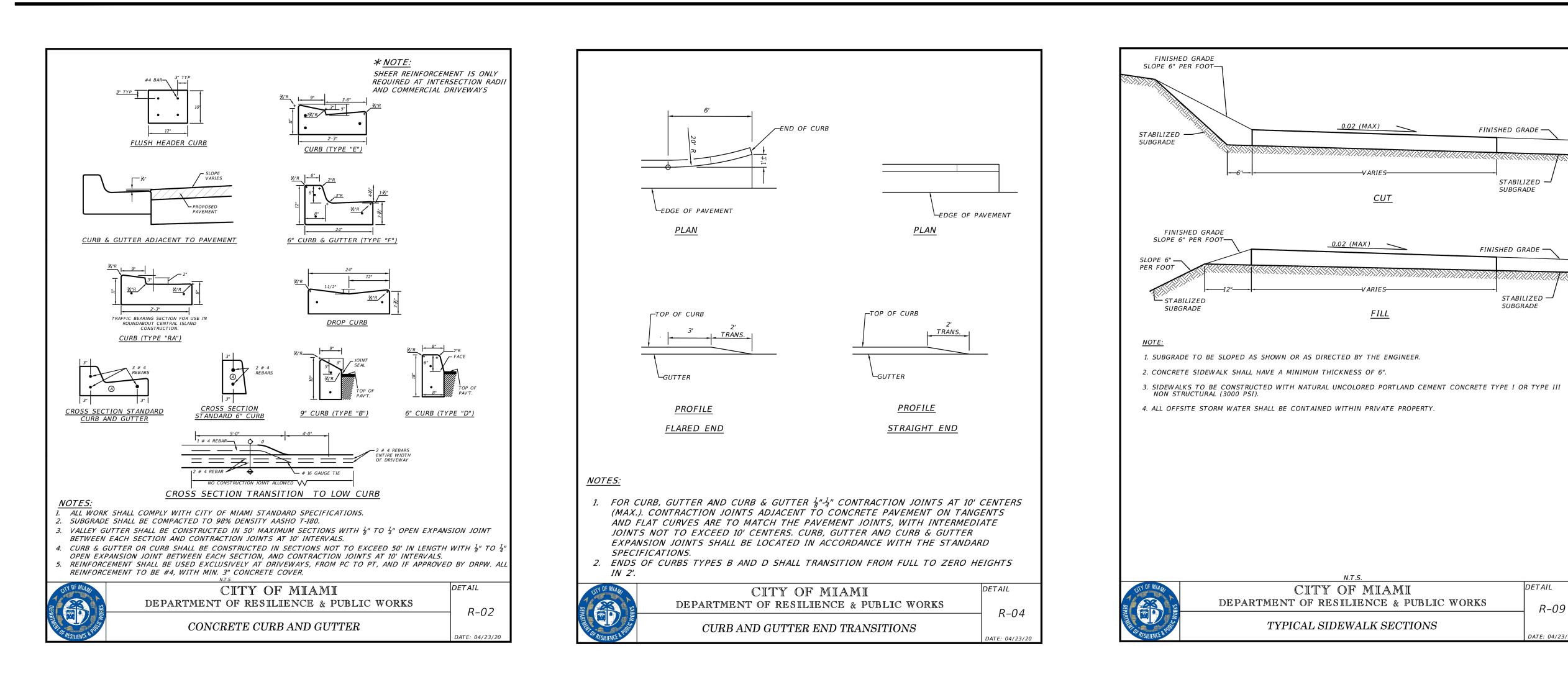
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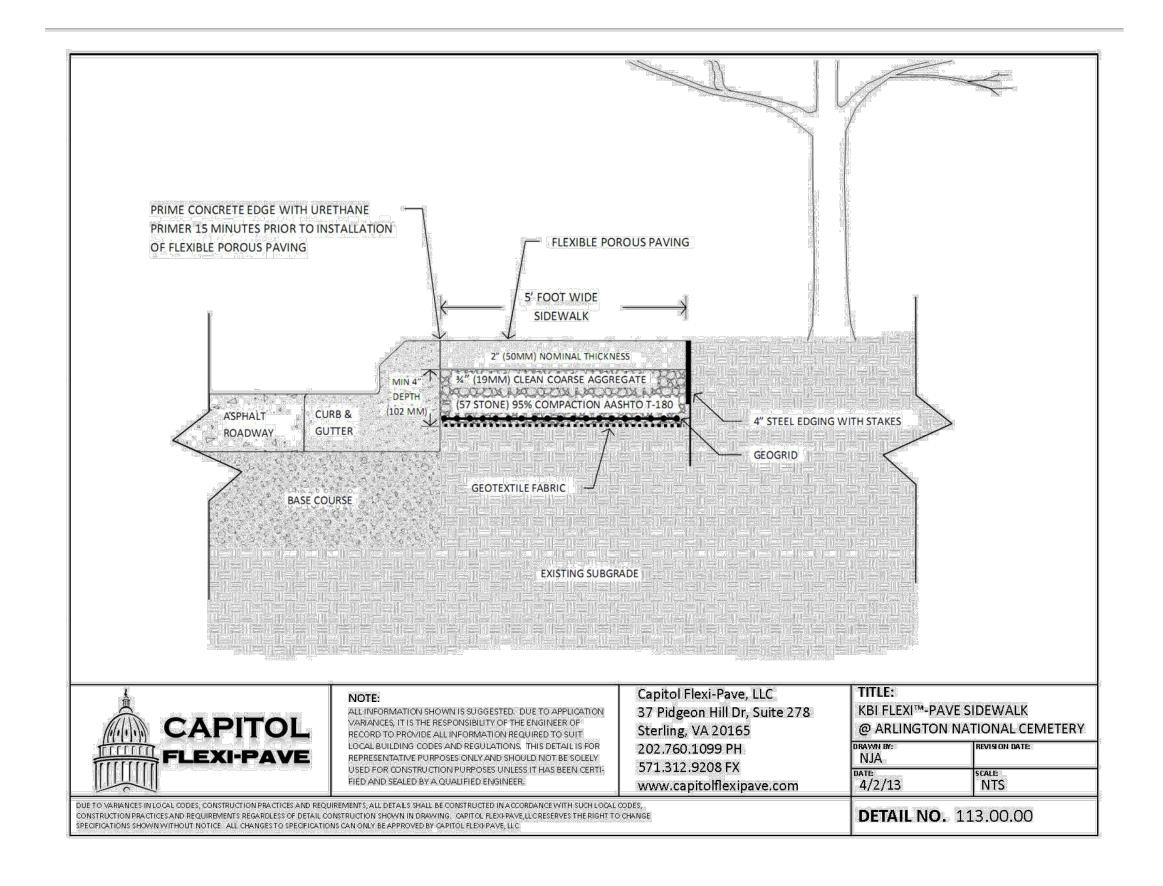
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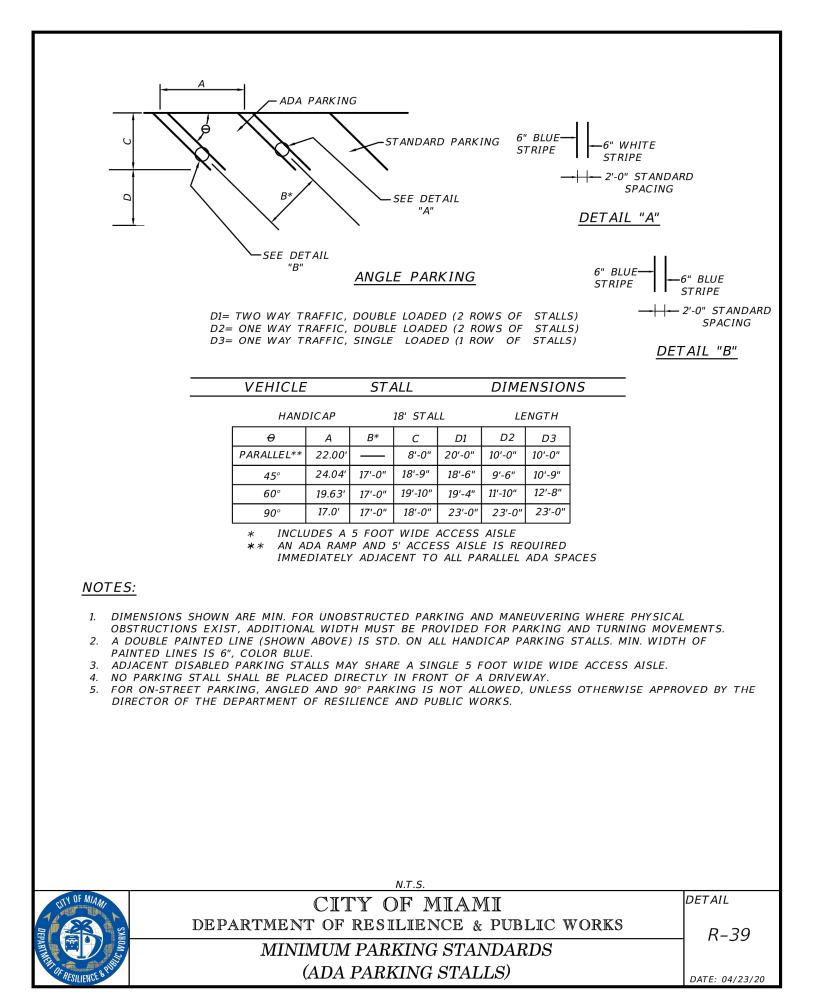
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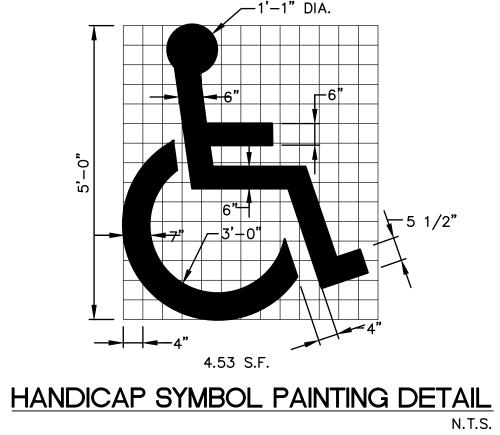
1320 MINI PARK NEW DOG & FITNESS PARK

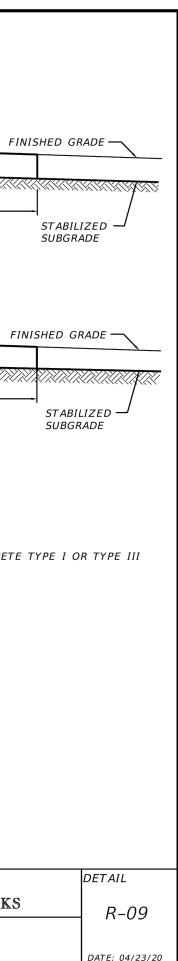
DRAWING TITLE:
PARK GRADING
AND DRAINAGE
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CIO SERRA CICENSE CENSE
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No 45609
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CORLDA GIN
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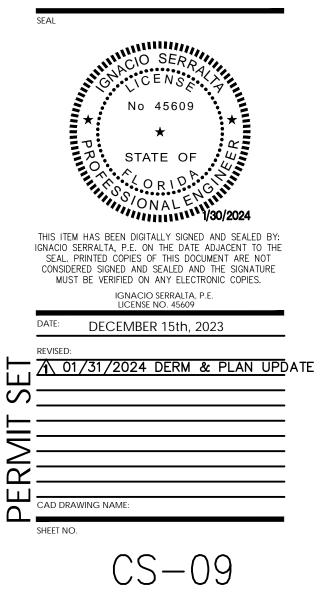
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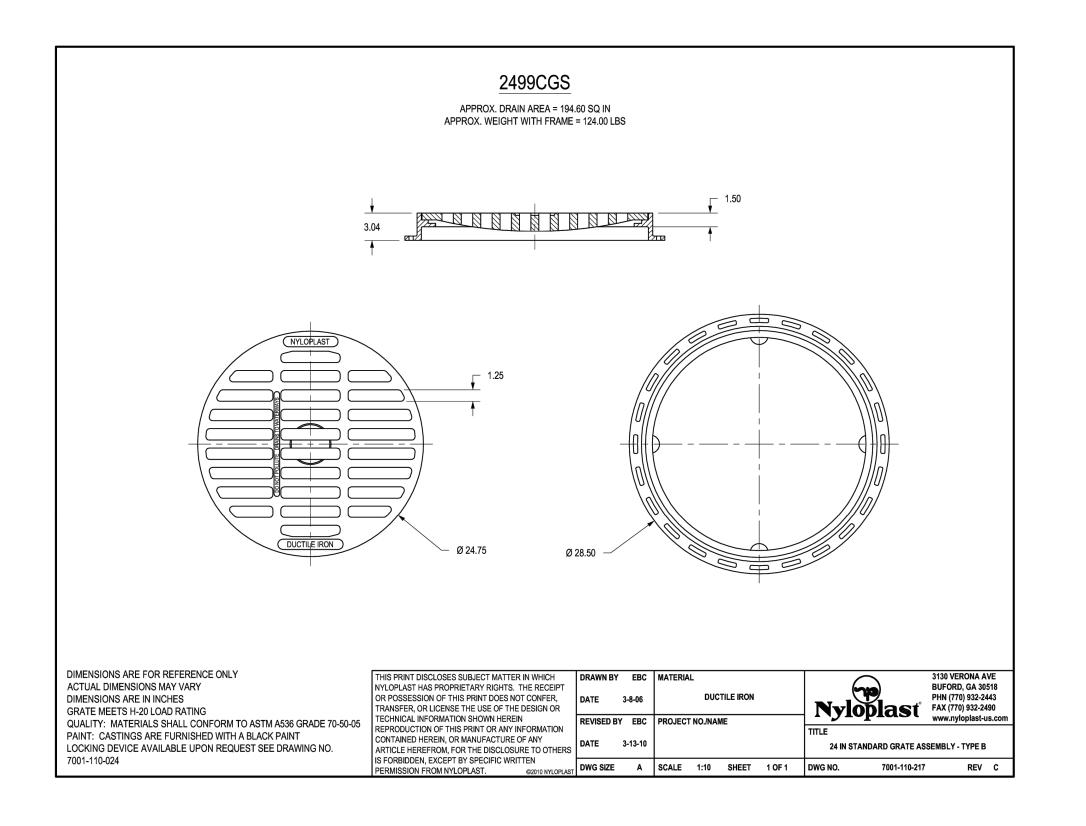
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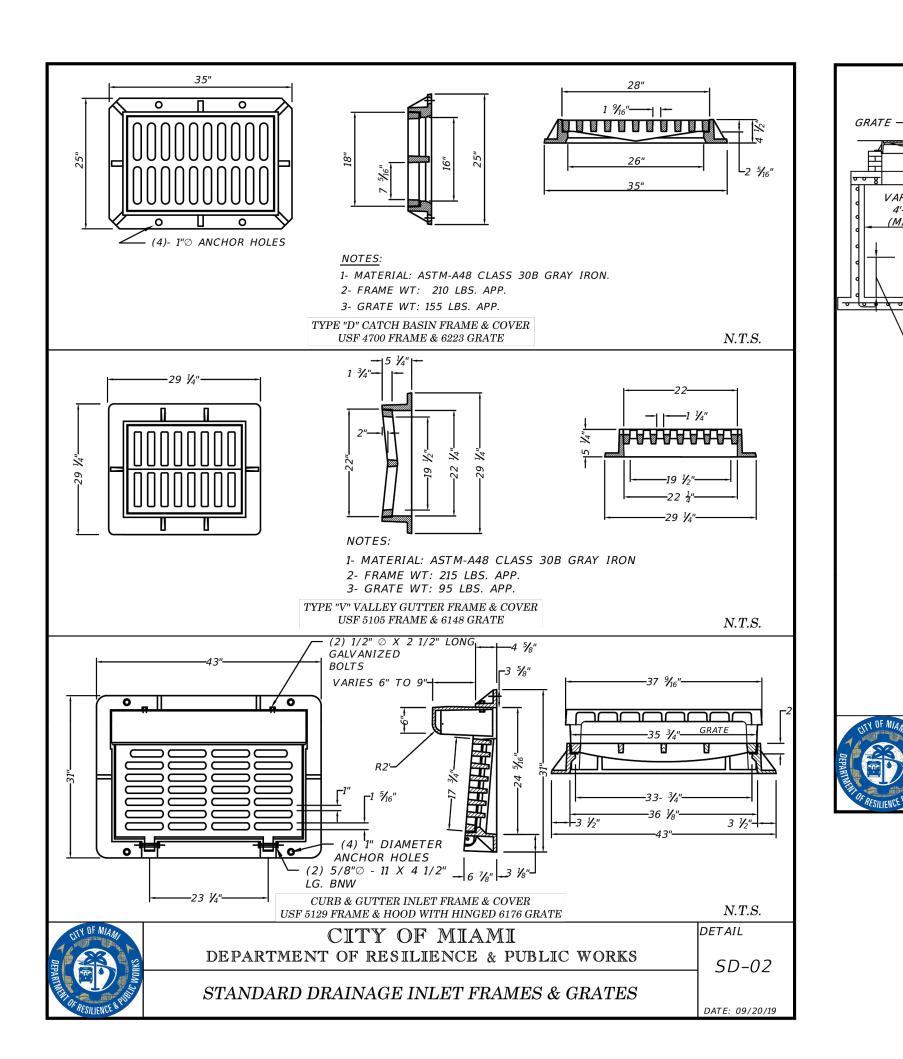
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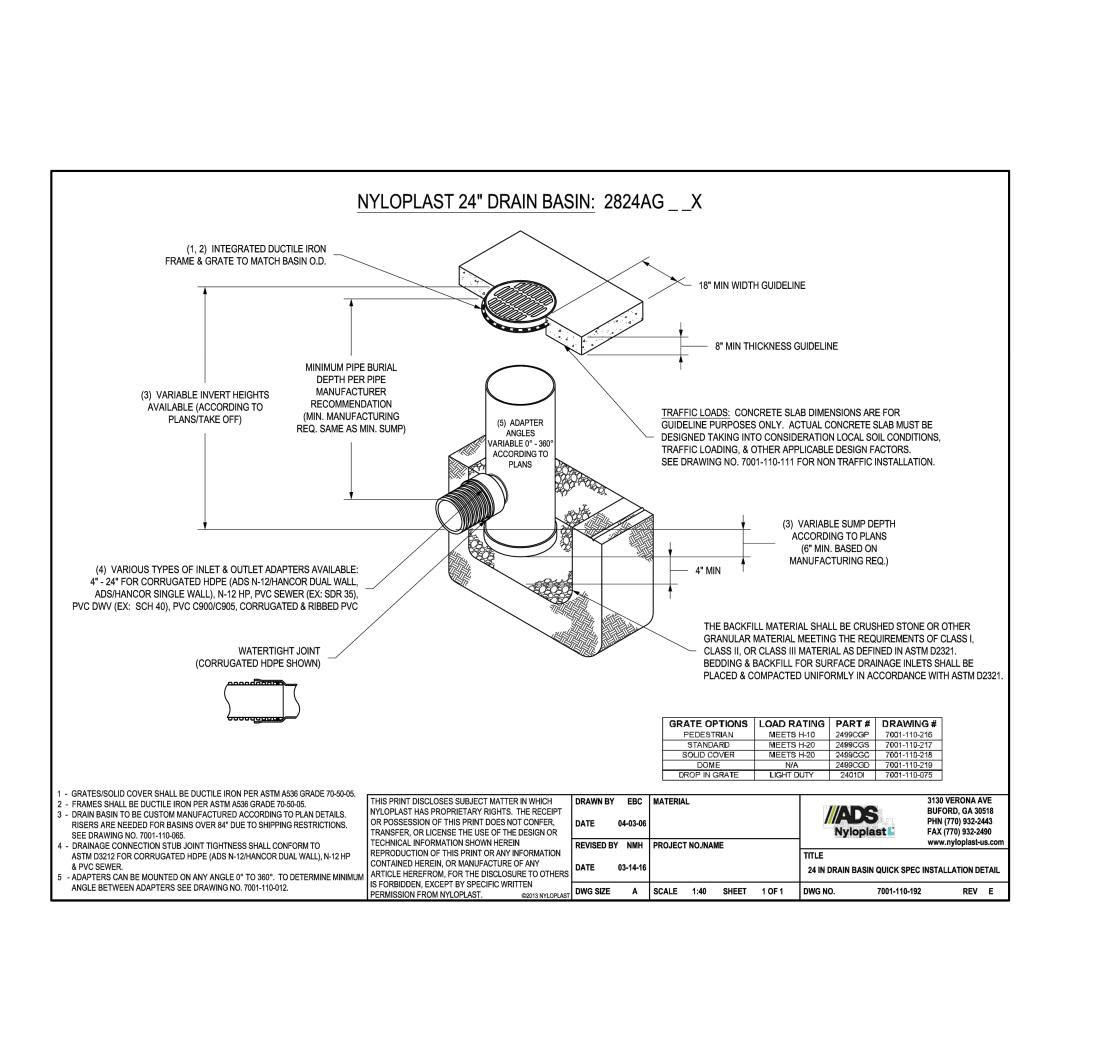
1320 MINI PARK **NEW DOG & FITNESS** PARK

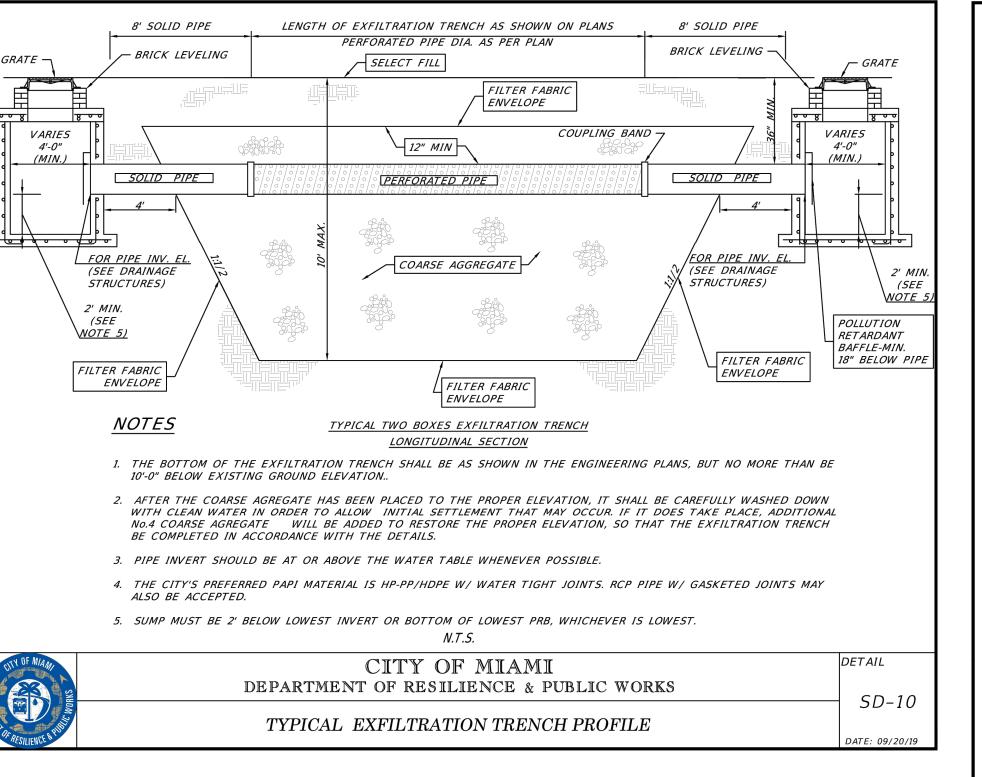
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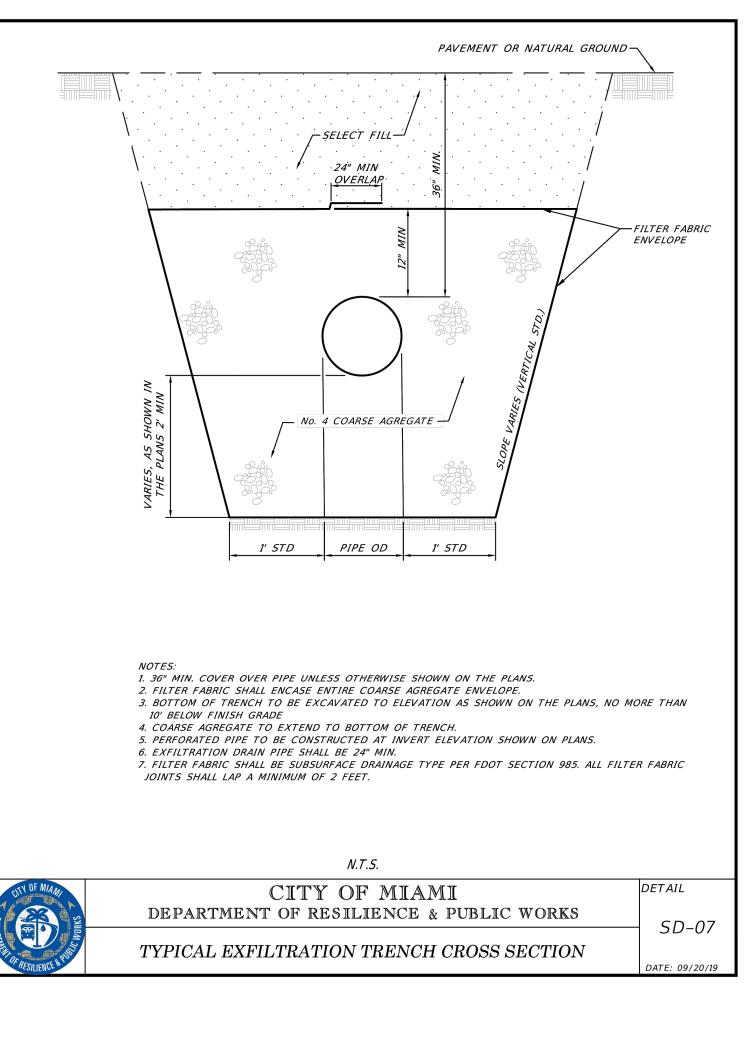


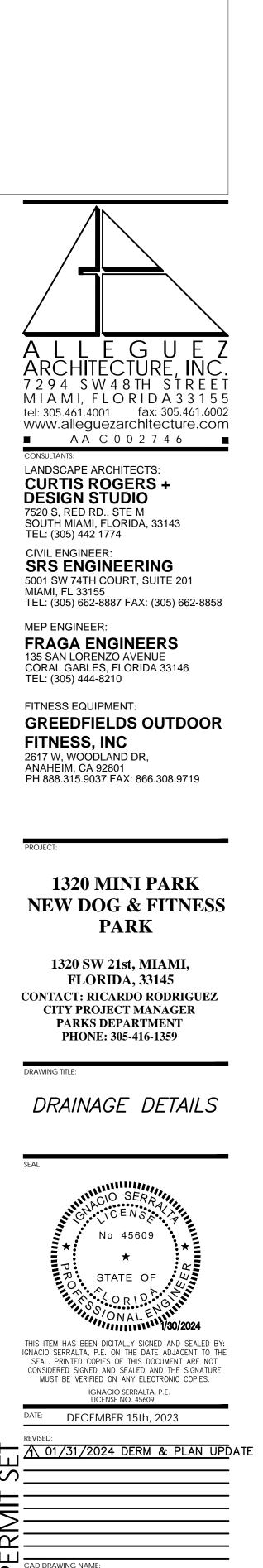




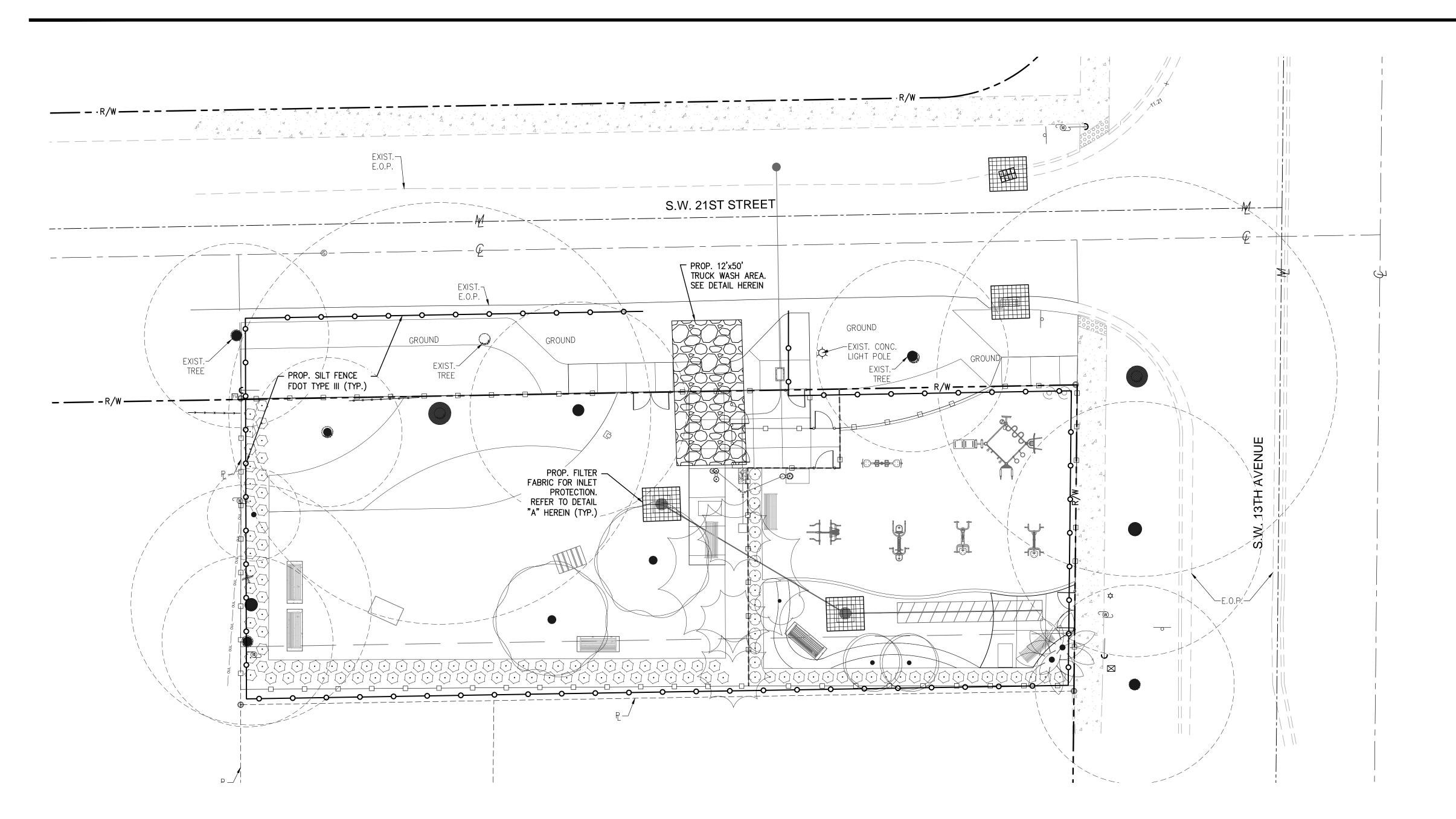


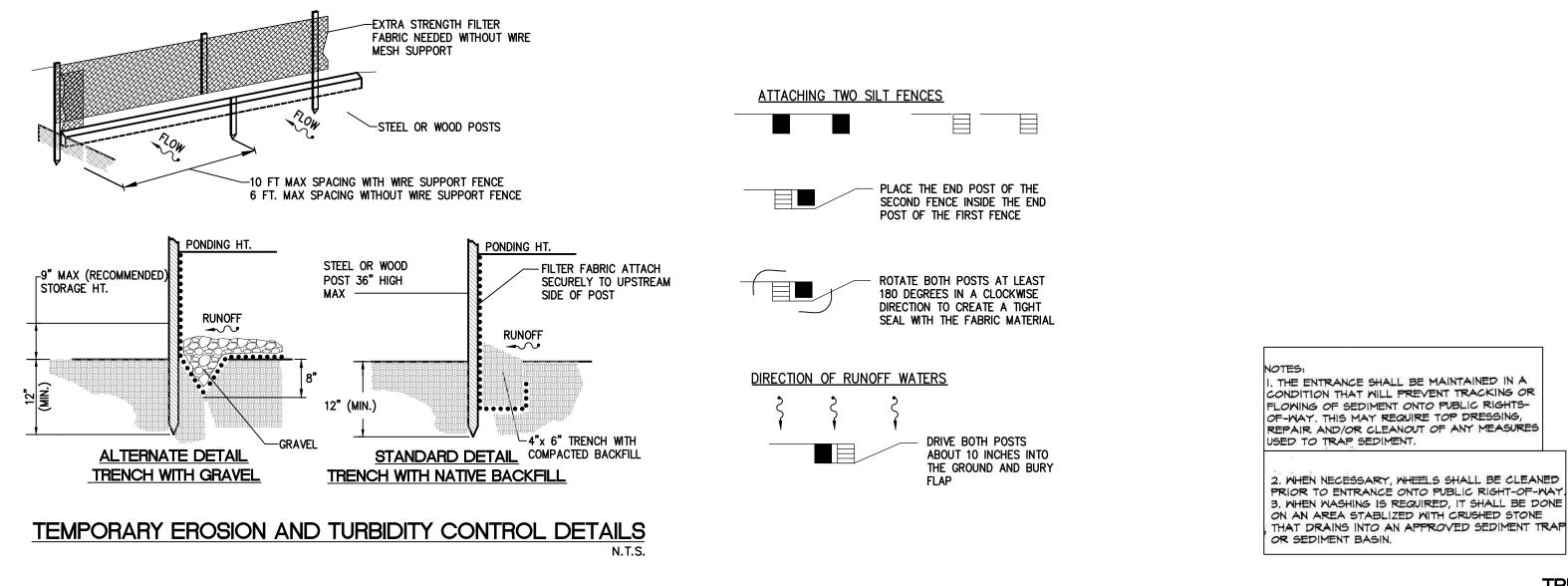


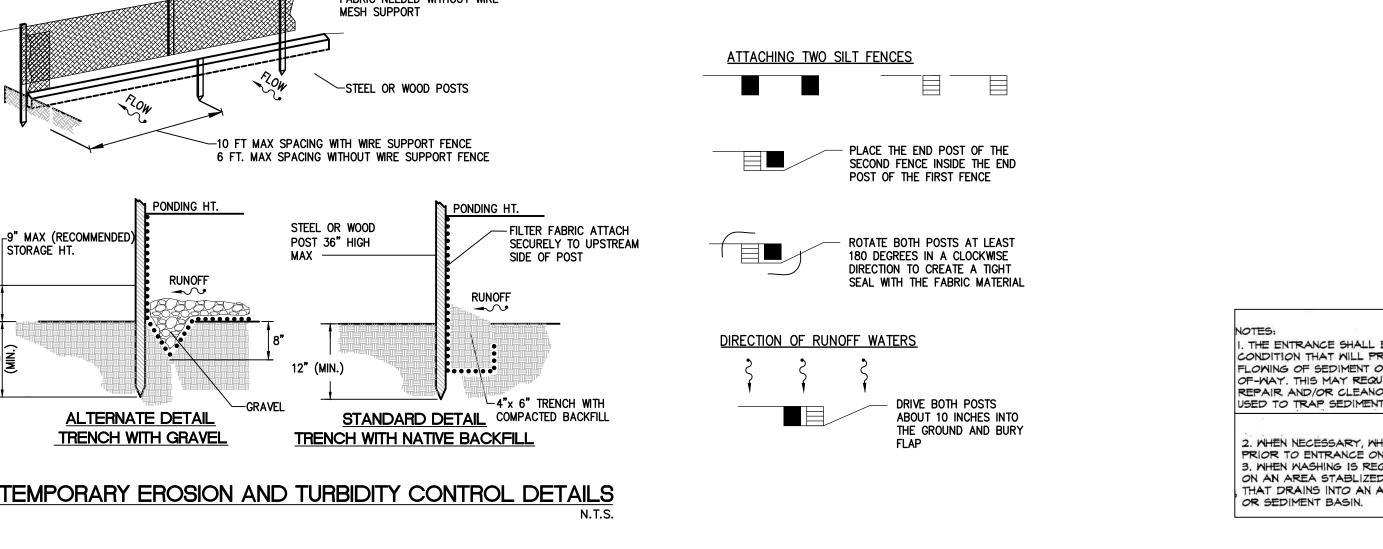


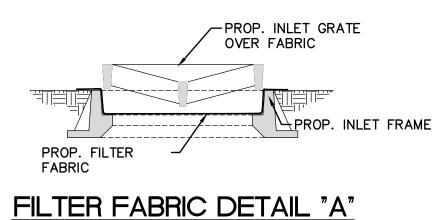


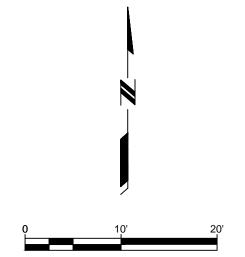
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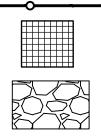








LEGEND:



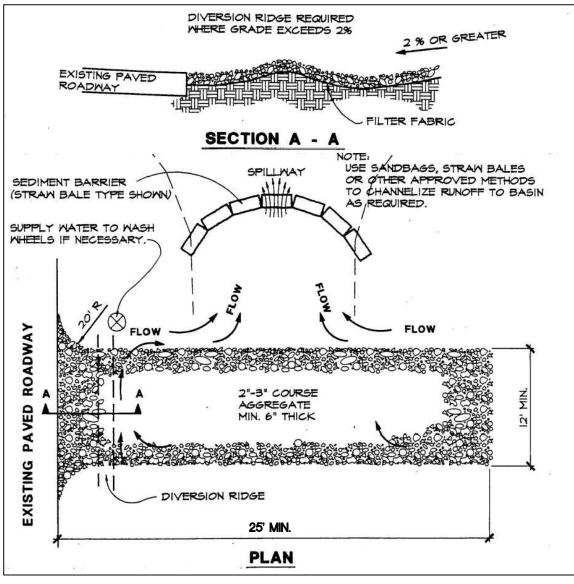
SILT FENCE, (TEMP. EROSION CONTROL)

PROP. FILTER FABRIC



GENERAL NOTES:

- 1. TEMPORARY EROSION SHALL BE IMPLEMENTED PRIOR TO AND DURING CONSTRUCTION, AND PERMANENT CONTROL MEASURES SHALL BE COMPLETED WITHIN 7 DAYS OF ANY CONSTRUCTION ACTIVITY.
- 2. 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.
- 3. FILTER FABRIC SHALL BE INSTALLED AT ALL NEW INLETS DURING CONSTRUCTION.
- 4. FILTER FABRIC SHALL BE INSTALLED AT EXISTING INLETS LOCATED IN SWALE AREA
- 5. ROCK BAG SHALL BE PROVIDED ON EXIST INLETS LOCATED IN C&G, OR VALLEY GUTTER
- 6. FOR ADDITIONAL STRENGTH FILTER FABRIC MATERIAL CAN BE ATTACHED TO A 6" (MAX.) MESH WIRE SCREEN WHICH HAS BEEN FASTENED TO THE POSTS.
- 7. THE FABRIC MATERIAL AND THE WIRE MESH SHALL NOT EXTEND MORE THAN 36" (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
- 8. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND REMOVE SEDIMENT WHEN NECESSARY.
- 9. REMOVE SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED
- 10. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY



TRUCK WASH AREA DETAIL N.T.S.



LANDSCAPE ARCHITECTS: **CURTIS ROGERS +** DESIGN STUDIO 7520 S, RED RD., STE M SOUTH MIAMI, FLORIDA, 33143 TEL: (305) 442 1774

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1320 MINI PARK NEW DOG & FITNESS PARK

DRAWING TITLE: STORMWATER
POLLUTION AND
PREVENTION PLAN
SEAL
ACIO SERRA
CENSE CAL
No 45609 ★
マン・ アンSTATE OF 4
SONAL ENGLIS
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<u>/ 01/31/2024 DERM & PLAN UPD</u> ATE
CAD DRAWING NAME:
SHEET NO.
CS-11

1. PROJECT/SITE DESCRIPTION

a. CONSTRUCTION ACTIVITY:

DRAINAGE: INSTALATION OF CATCH BASINS, PIPES AND EXFILTRATION TRENCH.

AND DRINKING FOUNTAINS.

WATER SERVICE: INSTALLATION OF WATER METER, PRESSURE VACUUM BREAKER, PIPES, WATER VALVES, IRRIGATION CONTROLLER,

PARK STRUCTURE: CONSTRUCTION OF THE EXERCISE AREA ON REINFORCED CONCRETE PAD WITH A POURED IN PLACE RUBBER

PARKING: LAYING DOWN ASPHALT PAVEMENT, BASE AND SUB-BASE, CONCRETE SIDEWALKS AND CURBS.

a. EROSION AND _____ (1) STABILIZ

TEMP TEMP PERM/ TEMPO ARTIF

BUFFE _____ PRESE X OTHER

STRUCTURAL

SAND X SILT WIND SYNT BERM DIVER <u>X</u> PIPE FLUME X ROCK TIMBE DITCH SEDIM SEDIN STORM STONE ____ X CURB X STORM VELOC TURBI

RIP R/ OTHE ____

b. DESCRIPTION OF

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(3)	SANITARY	WASTE:	
	NI / A		

NO FERTILIZER LIMITS THAT A (5) TOXIC SUBSTAN

	SURFACE AND INSTALLATION OF THE FITNESS AND DOG EQUIPMENT.
PROJECT LIMITS:	
EAST: SW 13TH AVE	INUE
SOUTH: LOT 1 IN BI	LOCK 1 FOLIO #01-4139-094-0001 AS DESCRIBED IN MIAMI-DADE COUNTY OFFICIAL
NORTH: SW 21ST S	íreet
WEST: LOT 3 IN BLO	DCK 1 FOLIO #01-4111-008-0020 AS DESCRIBED IN MIAMI-DADE COUNTY OFFICIAL
PROJECT DESCRIPTIC	
	LS THE CONSTRUCTION OF A DOG PARK AND FITNESS PARK (0.174 AC), LOCATED IN THE CITY OF MIAMI. ALSO
EQUIPMENT.	
. MAJOR SOIL DISTURE	3ING ACTIVITIES:
• CLEARING & GF	UBBING
• REGULAR EXCA	VATION
• GRADING SLOPE	S
REMOVAL OF EX	XISTING PAVEMENT
	SOCIATED WITH SUBGRADE, BASE, AND PAVEMENT
ROADWAY CONS	TRUCTION
TOTAL PROJECT ARE.	A:
LESS THAN 0.5 A	
TOTAL AREA TO BE	DISTURBED:
LESS THAN 0.5 A	CRE
	ENTS BEFORE, DURING, AND AFTER CONSTRUCTION:
BEFORE: 0.30	
DURING: 0.43	
AFTER: 0.47	
	SOIL OR QUALITY OF DISCHARGE:
N/A	
(3) ESTIMATES OF S	IZE OF DRAINAGE AREA FOR EACH OUTFALL:
N/A	
FOR LOCATIONS OF [DRAINAGE AREAS AND OUTFALLS :
N/A	
(1) NAME OF RECEIV	ING WATERS:
MS4-FL000002	
M34-1200002	
(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.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) CHECKLIST

- A. SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS:
- 1. CLEARING AND GRUBBING
- INSTALL DRAINAGE STRUCTURES
- STABILIZATION BASE PREPARATION
- ASPHALT APPLICATION
- PLACEMENT OF ROCK BAGS AROUND INLETS
- PLACEMENT OF ROCK BAGS AROUND MANHOLES APPLICATION OF FRICTION COURSE A.C.
- 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/

ND SEDIMENT CONTROLS:
ZATION PRACTICES:
PORARY SODDING
PORARY GRASSING
MANENT PLANTING, SODDING, OR SEEDING
PORARY MULCHING
IFICIAL COVERING
FER ZONES
SERVATION OF NATURAL RESOURCES
ER : THE CONTRACTOR IS TO MAINTAIN THE EXISTING VEGETATION WHEREVER POSSIBLE
AND PERFORM DAILY DUST CONTROL.
AL PRACTICES:
D BAGGING
FENCES
) SCREEN
THETIC BALES
MS
RSION, INTERCEPTOR, OR PERIMETER DITCHES
SLOPE DRAINS
MES
K BEDDING AT CONSTRUCTION EXIT
BER BEDDING AT CONSTRUCTION EXIT
CH LINER
IMENT TRAPS
IMENT BASINS
RM INLET SEDIMENT TRAP
NE OUTLET STRUCTURES
BS AND GUTTERS
RM SEWERS
DCITY CONTROL DEVICES
BIDITY BARRIER
RAP FR : FILTER FABRIC.
ER :FILTER FABRIC.
DF STORM WATER MANAGEMENT:

DSAL:

JCTION DEBRIS GENERATED AS A RESULT OF THIS PROJECT WILL BE DISPOSED
IN A LEGAL MANNER AT AN APPROPRIATE WASTE DISPOSAL FACILITY
TE WASH OUT LOCATIONS WILL BE PROVIDED IN AREAS WHERE THE DISPOSAL
WILL BE CONTAINED SO AS TO PREVENT DISCHARGE OUTSIDE OF THE PROJECT
INTO THE WATERWAYS. AND STORM DRAINS AND PREVENT EXPOSURE OF THE PUBLIC TO CONCRETE WASH WATER
RED CONCRETE.
AINAGE STRUCTURES WILL BE PROTECTED WITH SYNTHETIC BALES AND/OR
RIC.
G AREAS WILL BE LOCATED WITHIN THE PROJECT WORK ZONE UNLESS REQUESTED
FOR APPROVAL.
WILL BE DEPOSITED IN APPROPRIATE LOCATIONS. A DUMPSTER MAY BE PROVIDED
E DEPENDING ON THE AMOUNT OF LITTER GENERATED.
TRUCKS WILL BE COVERED WITH TARPS
RS AND/OR WATER TRUCKS WILL BE PROVIDED TO REDUCE DUST DAILY.
REVENTION TRACKING WILL BE INSTALLED AS PER THE SWPPP AND/OR AS DIRECTED
SPECTOR.
ICATION OF DUST CONTROL WATER IS PROPERLY CALIBRATED TO CONTROL DUST WITHOUT CAUSING SEDIMENT LADEN
IICLE TRACKING:
ROADS DAMPENED FOR DUST CONTROL

ROADS DAMPENED FOR DUST CONTROL HAUL TRUCKS TO BE COVERED WITH TARPAULIN S DIRT ON ROAD REMOVED DAILY IZED CONSTRUCTION ENTRANCE

TRUCK SCHEDULING SWEEPING (DAILY)

(4) FERTILIZERS, PESTICIDES AND TREES:

ERS OR	r Pe	STICIE	DES	WILL	BE	USED	AT	THE	SITE.	PROTE	CT	ALL	TREES	WITH	Ν	PROJECT				
ARE T	0 R	REMAIN	N AS	S PER	r FD	OT IN	IDEX	No.	544.											
ANCES	:																			

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.

NOTES 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 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

- PERFORMED. FIFLD MODIFICATIONS TO BE SUBMITTED TO THE CITY OF MIAMI FOR APPROVAL.
- 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
- MAINTAINING THE EROSION CONTROL DEVICES SHALL BE: CONTRACTOR:

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 (FRP) 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.
- 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:

- a. 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
- 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
- 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.
- SEDIMENT FOUND IN DRAINAGE INSPECTION WILL REQUIRE DRAINAGE SYSTEM CLEANING BY CONTRACTOR.

GROUNDWATER ENCOUNTERED SHALL BE REPORTED IMMEDIATELY TO THE CITY PERSONNEL IN ACCORDANCE

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 MONITORING SHALL BE PERFORMED ON A WEEKLY BASIS AND AFTER A 1/2" STORM EVENT WITH ROUTINE REGULATIONS AND/OR FDOT STANDARD SPECIFICATIONS.THE RESPONSIBLE PERSONS FOR MONITORING AND TELEPHONE:

• BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED

INCLUDED IN THE COST OF THE RESPECTIVE PAY ITEMS. WHERE SITES HAVE BEEN FINALLY

c. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. IF REPAIR IS



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 74TH 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

1320 MINI PARK NEW DOG & FITNESS PARK

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	CAD DRAWING NAME:	
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CC 12	SHEET NO.	
	CC 10	

(NOT PART OF M-DWASD NOTES NOR APPROVAL)

RER-DERM WATER-SEWER GENERAL NOTES

1. A horizontal distance of at least 6 feet, and preferably 10 feet (outside to outside), shall be maintained between gravity or pressure sewer pipes and water pipes. The minimum horizontal separation can be reduced to 3 feet for vacuum-type sewers or for gravity sewers where the top of the sewer pipe is at least 6 inches below the bottom of the water pipe. When the above specified horizontal distance criteria cannot be met due to an existing underground facility conflict, smaller separations are allowed if one of the following is met:

- a) The sewer pipes are designed and constructed equal to the water pipe and pressure tested at 150 psi.
- b) The sewer is encased in a watertight carrier pipe or concrete. c) The top of the sewer is at least 18 inches below the bottom of the water pipe.

MIAMIDADE

- 2. A vertical distance of at least 12 inches (outside to outside) shall be maintained between any water and sewer mains with sewer pipes preferably crossing under water mains. The minimum vertical separation can be reduced to 6 inches for vacuum-type sewers or for gravity sewers where the sewer pipe is below the water main. The crossing shall be arranged so that all water main joints are at least 6 feet from all joints in gravity and pressure sewer pipes. This distance can be reduced to 3 feet for vacuum-type sewers. When the above specified vertical distance criteria cannot be met due to an existing underground facility conflict, smaller separations are allowed if one of the following is met:
- a) The sewer pipes are designed and constructed equal to the water pipe and pressure tested at 150 psi. b) The sewer is encased in a watertight carrier pipe or concrete.
- 3. Air release valves shall be provided at high points of new force main sanitary sewers.
- 4. Gravity sanitary sewers constructed within a public wellfield protection area shall be C-900 PVC or Ductile Iron Pipe. The maximum allowable exfiltration rate of gravity sanitary sewers constructed in a public wellfield protection area shall be: a) Residential Land Uses. Fifty (50) gallons per inch pipe diameter per mile per day, based on a minimum two (2) hour test having
- a minimum of two (2) feet of positive head above the crown of the pipe. b) Non-Residential Land Uses. Twenty (20) gallons per inch pipe diameter per mile per day, based on a minimum two (2) hour test having a minimum of two (2) feet of positive head above the crown of the pipe.
- c) Any observed leaks or any obviously defective joints or pipes shall be replaced even when the total leakage is below that allowed.
- 5. The maximum allowable exfiltration rate of gravity sanitary sewers constructed outside a public wellfield protection area shall be one hundred (100) gallons per inch pipe diameter per mile per day, based on a minimum two (2) hour test having a minimum of two (2) feet of positive head above the crown of the pipe. Any observed leaks or any obviously defective joints or pipes shall be replaced even when the total leakage is below that allowed.
- 6. Forcemain sanitary sewers constructed within a public wellfield protection area shall be ductile iron, C-900 PVC, HDPE or reinforced concrete pressure sewer pipes.
- 7. The maximum allowable exfiltration/leakage rate of forcemain sanitary sewers shall be:
- a) Ductile Iron, C-900 PVC, HDPE and PVC Pipe. The allowable leakage rate specified in American Water Works Association Standard (AWWAS) C600-82 at a test pressure of 100 psi for a duration of not less than two (2) hours. b) Reinforced Concrete Pressure Pipe. Half (1/2) the allowable leakage rate specified in AWWA C600-82 at a test pressure of 100 psi
- for a duration of not less than two (2) hours. c) Any observed leaks or any obviously defective joints or pipes shall be replaced even when the total leakage is below that allowed.
- 8. The contractor shall verify nature, depth, and character of existing underground utilities prior to start of construction.
- 9. In no case shall a contractor install utility pipes, conduits, cables, etc. in the same trench above an existing water or sewer pipe except where they cross.
- 10. If any area of the work site is found to contain buried solid waste and/or ground or ground water contamination, the following shall
- apply: a) All work in the area shall follow all applicable safety requirements (e.g., OSHA, etc.) and notification must be provided to the
- appropriate agencies. b) Immediately notify the Environmental Monitoring and Restoration Division (EMRD). The EMRD can be contacted at (305) 372-6700.
- c) If contaminated soils and/or buried solid waste material is excavated during construction, then they require proper handling and disposal in accordance with the local, state and federal regulations. Be advised that the landfill owner/operator is the final authority on disposal and may have requirements beyond those provided by herein. If disposal within a Miami-Dade County owned landfill (Class I landfill) is appropriate and selected, please contact the Miami-Dade County Department of Solid Waste Management at (305) 594-6666 for information.
- d) The reuse of contaminated soils that are not returned to the original excavation requires prior approval of a Soil Management Plan from the Environmental Monitoring and Restoration Division. The EMRD can be contacted at (305) 372-6700.
- 11. Pumps must comply with the National Electrical Code (NEC) requirements for Class I, Group D, Division 1 locations (Explosion Proof).
- 12. The contractor is advised that a Tree Removal/Relocation Permit may be required prior to the removal and/or relocation of tree resources. Prior to removing or relocating any trees, the Contractor shall notify the Tree and Forest Resources Section of DERM at (305) 372-6574 or via e-mail at: <u>tfrs@miamidade.gov</u>, or contact the municipality with tree ordinance jurisdiction to obtain any required permits. Those trees not interfering with the construction shall be protected in place in accordance with the provisions of Section 24-49.5 of the Miami-Dade Code.
- 13. Please note that the demolition, removal, and/or disturbance of existing underground utilities that contain asbestos- cement pipes (ACP) are subject to the provisions of 40 CFR-61 Subpart M. Therefore, pursuant to the provisions of 40 CFR-61-145, a NOTICE OF DEMOLITION OR ASBESTOS RENOVATION form must be filed with the Air Quality Management Division (AQMD) of DERM, at least ten (10) working days prior to starting of any work. Note that the backfilling and burial of crushed ACP would cause these locations to be considered active disposal sites and subject to 40 CFR-61.154, and 40 CFR-61.151 a year after project completion. Existing standard operating procedures, as well as applicable federal, state and local regulatory criteria, must be followed and implemented to minimize any potential release of fugitive emissions, especially during project construction activities. The AQMD can be contacted via email at asbestos@miamidade.gov or 305-372-6925.

Rev. 4/30/2018 p: pollution regulation/delegated env permitting/ww-conv_extensions/sewer extensions/forms and package/se application package/se permit package/package march-2017/rer-derm-notes official last one-revised(2018-0429).doc

1. AT THE COMPLETION OF ANY WATER AND SEWER JOB EITHER DONATION OR CONTRACT, THE CONTRACTOR SHALL 1. ALL MATERIALS AND LABOR UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE WATER AND SEWER DEPARTMENT AND SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AVAILABLE SURMIT a. RECORD DRAWING PRINTS WHICH HAVE BEEN SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL AND ON FILE WITH THE DEPARTMENT. SUBMIT SHOP DRAWINGS FOR ALL MATERIALS. SURVEYOR AND MAPPER (QTY. OF PRINTS AS REQUIRED BY THE DEPARTMENT). 2. COVER OVER WATER OR SEWER FORCE MAINS SHALL BE 4'-0" MIN. 2. "RECORD DRAWING" FORMAT: 3. ALL MAIN LINE VALVES SHALL BE INSTALLED COMPLETE WITH 10" RISER PIPES AND NO. 3 OR 53 VALVE BOXES FIRE a. 24"x 36" PRINTS HYDRANTS AND SERVICE VALVES SHALL BE INSTALLED COMPLETE WITH 6" RISER PIPES AND NO. 2 VALVE BOXES. b. PDF FILE 4. ALL FORCE MAIN SERVICE CONNECTIONS INTO PRESSURE TRANSMISSION MAINS SHALL HAVE A SHUT OFF VALVE AND c. CADD FILE (DWG OR DXF) ROTATED AND TRANSLATED TO STATE PLANE COORDINATES NAD 83 FLORIDA EAST CHECK VALVE AT THE POINT OF ENTRY. d. THE WORDS "RECORD DRAWING" IN LARGE LETTERS e. TITLE BLOCK WITH DEPARTMENT DS, DW OR ER NUMBER AND PERTINENT INFORMATION 5. ALL GRAVITY SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DEPARTMENT STANDARDS. f. PREFERRED SCALE TO BE 1"= 40' HORIZONTALLY AND 1"= 4' VERTICALLY* 6. ALL WATER METERS WILL BE INSTALLED BY THE MIAMI-DADE WATER AND SEWER DEPARTMENT, PROVIDING THE g. STREET NOMENCLATURE APPROPRIATE CHARGES HAVE BEEN PREPAID. h. SEPARATE RECORD DRAWINGS FOR WATER AND SEWER i. SEPARATE WATER AND SEWER PROFILE 7. FIRE HYDRANT REQUIREMENTS (NUMBER AND LOCATION) SHALL BE AS REQUIRED BY MIAMI-DADE COUNTY FIRE i. STATIONING STARTING WITH 0+00 AT PERMANENT REFERENCE POINT (I.E. C, S, ETC.) OR AS SHOWN ON DEPARTMENT OR THE APPROPRIATE FIRE AGENCY WITH INSTALLATION IN ACCORDANCE WITH DEPARTMENT STANDARDS. DESIGN PERMIT PLANS, AND TO RUN CONTINUOUSLY TO END OF MAIN k. EASEMENTS, IF ANY, TIED TO PERMANENT REFERENCE POINT 8. CONTRACTOR MUST CALL MDWASD INSPECTION DIVISION TO ARRANGE FOR A PRECONSTRUCTION MEETING 2 FULL I. IDENTIFY ALL CONTROL LINES (I.E. BLDG. LINE, PROPERTY LINE, R/W, ETC.)

- BUSINESS DAYS PRIOR TO PROPOSED START OF CONSTRUCTION. CONTACT ONE CALL CENTER 48 HRS PRIOR TO
- FXCAVATION 9. CONTRACT INSPECTOR WILL INSPECT ANY FACILITIES APPROVED BY THE DEPARTMENT. ALL OTHER REQUIREMENTS OF THE PERMITTING AGENCY SHALL BE IN ACCORDANCE WITH THEIR STANDARDS AND REQUIREMENTS.
- 10. WORK PERFORMED UNDER THIS PROJECT WILL NOT BE CONSIDERED AS COMPLETE UNTIL FINAL ACCEPTANCE OF THE SYSTEM BY THE DEPARTMENT AND UNTIL THE FOLLOWING DOCUMENTS ARE RECEIVED AND APPROVED BY THE DEPARTMENT
- a. EASEMENTS, IF REQUIRED
- b. CONTRACTOR'S WAIVER AND RELEASE OF LIEN ABSOLUTE BILL OF SALE
- d. i. CONTRACTOR'S LETTER OF WARRANTY (I.E., LETTER AGREEMENT) ii DEVELOPER'S CONTRACT BOND (I.E., CONTRACT AGREEMENT). FACILITIES AS LOCATED BY A LICENSED SURVEYOR & MAPPER, ALONG WITH PRINTS OF "RECORD DRAWINGS" WHICH HAVE BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR & MAPPER. (No. OF PRINTS: 3-FOR WATER. 4-FOR GRAVITY SEWER AND 5-FOR FORCE MAIN OR PUMP STATION PROJECTS). Submittal of final CAD Files required. H.R.S. LETTER OF RELEASE REQUIRED FOR ALL WATER PROJECTS
- e. "RECORD DRAWING" PRINTS (24"x 36") SHOWING SPECIFIC LOCATIONS, DEPTH, ETC. OF ALL WATER AND SEWER q. BILL OF SALE SKETCH (8%"x 11") FOR WATER AND SEWER, SEPARATELY
- 1. ALL NEW CONNECTIONS FROM EXISTING DEPARTMENT MAINS TO BE MADE BY DEPARTMENT FORCES ONLY. THE CONTRACTOR TO EXCAVATE AT REQUIRED LOCATIONS, PROVIDE AND INSTALL MATERIAL WITH FITTINGS, PRIOR TO TAP.
- 12. AN APPROVED PAVING AND DRAINAGE PLAN MUST BE SUBMITTED TO MDWASD FOR ALL NEW SUBDIVISIONS PRIOR TO APPROVAL OF WATER AND SEWER PERMIT PLANS, UPON REQUEST.
- 13. UNLESS OTHERWISE SPECIFIED, ALL TAPS 20 INCHES AND SMALLER FOR CONNECTIONS TO EXISTING MAINS WILL BE DONE BY DEPARTMENT FORCES. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE PERMITTED TO TAP EXISTING

MAINS IN THE SIZE RANGE SPECIFIED ABOVE. THE TAPPING SLEEVE TAPPING VALVE ARE FURNISHED AND INSTALLED BY THE CONTRACTO UNDER THE SUPERVISION OF THE INSPECTOR.					ED, BUT MUST BE (PREPARATION OF			1	
		ROSS SPEC. REF. REF.					ITEM	CROSS REF.	SPEC. REF.
MIAMI-DADE 03/01/2010 V.F.C. STANE COUNTY 07/20/2016 D.V. WA	ANDARD DETAIL DARD REQUIREMENTS ATER AND SEWER CONSTRUCTION SH	GS 0.5 HEET 1 OF 2	MIAMI-DADE COUNTY Delivering Excellence Every Day WATER & SEWER DEPARTMENT	<u>ISSUE DATE</u> 03/11/2009 07/20/2016	APPROVED BY V.F.C. D.V.	S T A N D A R "RECORD REQUIR		G O. Sheet 2	.5

RER-DERM WATER NOTES:

- A. TO SAFEGUARD THE PUBLIC HEALTH, SAFETY AND WELFARE, THE DESIGN STANDARDS, PROCEDURES, AND CONSTRUCTION MATERIALS WERE SELECTED BASED ON THE RESULTS OF AN ENVIRONMENTAL DUE DILIGENCE REVIEW OF PUBLIC RECORDS PERFORMED PURSUANT TO STATE AND LOCAL REGULATIONS WITH RESPECT TO SOIL AND GROUNDWATER CONTAMINATION. NO PORTION OF THE PROPOSED WATER CONNECTIONS WILL BE IN INSTALLED THROUGH OR IN ANY AREA KNOWN TO BE CONTAMINATED, INCLUDING CONTAMINATED SOIL OR CONTAMINATED GROUNDWATER. OR BURIED SOLID WASTE: NEVERTHELESS, ADEQUATE PRECAUTIONS SHALL BE TAKEN DURING CONSTRUCTION. IF CONTAMINATED GROUNDWATER OR CONTAMINATED SOIL IS ENCOUNTERED DURING THE INSTALLATION OF THE WATER MAIN. THE WORK WITHIN THESE AREAS SHALL CEASE, AND THE RER-DERM POLLUTION CONTROL DIVISION SHALL BE NOTIFIED. ADDITIONALLY, IF CONTAMINATION IS ENCOUNTERED. ADEQUATE MEASURES SHALL BE IMPLEMENTED, INCLUDING BUT NOT LIMITED TO:
- 1. ALL JOINTS SHALL BE EQUIPPED WITH VITON "O" GASKETS.
- 2. LINE THE TRENCH WITH IMPERMEABLE MEMBRANE.
- 3. ONLY CLEAN UNCONTAMINATED SOIL SHALL BE USED FOR BACKFILLING; ANY CONTAMINATED SOILS SHALL BE PROPERLY DISPOSED OF.

M-DWASD NOTES:

- 1. WATER MAINS AND SANITARY SEWER LINES MUST MAINTAIN A MINIMUM SEPARATION FROM EACH OTHER PER MD-WASD G.S. 1.5
- 2. ALL MATERIALS AND LABOR UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF M-DWASD WORKS DEPARTMENT AND SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AVAILABLE AND ON FILE WITH THE DEPARTMENT. SUBMIT SHOP DRAWINGS FOR ALL MATERIALS.
- 3. ANY WATER AND SEWER LINES TO BE ADJUSTED SHALL BE APPROVED BY MIAMI-DADE WATER AND SEWER DEPARTMENT.

GENERAL NOTES:

- PREPARED BY BISCAYNE ENGINEERING.
- VERTICAL DATUM 1929 (N.G.V.D.).
- IDENTIFIED.
- BE ALLOWED.

- OR THE OWNER.
- ACCEPTANCE
- ACTIVITIES.

- WORK
- SHALL APPLY:

SHALL BE PERFORMED BY A LICENSED CONTRACTOR UNDER THE SUPERVISION OF WASD LICENSED OPERATOR AND WASD DONATIONS INSPECTOR UNDER THE SCOPE AND JURISDICTION OF THE CONTRACTOR'S RIGHT-OF-WAY PERMIT. PRIOR TO ANY WORK BEING DONE, THE LICENSED CONTRACTOR SHALL COORDINATE WITH WASD DONATION INSPECTOR FOR THE SCHEDULING OF LICENSED OPERATOR TO BE PRESENT FOR PROPOSED ACTIVITY.

(NUT PART OF M-DWASD NOTES NOR APPROVAL)

SEPARATIONS SHALL BE MEASURED OUTSIDE EDGE TO OUTSIDE EDGE.

BETWEEN WATER MAINS AND. STORM SEWERS. STORMWATER FORCE MAINS. OR RECLAIMED WATER LINES, SHALL BE 3 FT. MINIMUM.

BETWEEN WATER MAINS AND VACUUM TYPE SEWER PREFERABLY 10

MAINS OR RECLAIMED WATER PREFERABLY 10 FT. AND AT LEAST 6 FT.*

*GRAVITY SEWER ONLY MAY BE REDUCED TO 3 FT. WHERE BOTTOM

10 FT. TO ANY PART OF ON-SITE SEWER TREATMENT OR DISPOSAL

WATER MAIN VERTICAL SEPARATIONS

SEPARATIONS BETWEEN WATER MAINS AND GRAVITY SEWER, VACUUM TYPE SEWER OR STORM SEWERS, TO BE PREFERABLY 12 INCHES OR AT LEAST 6 INCHES ABOVE OR AT LEAST 12 INCHES BELOW*.

PRESSURE SANITARY SEWER. WASTEWATER OR STORM WATER FORCE MAIN, OR RECLAIMED WATER, AT LEAST 12 INCHES ABOVE OR BELOW.*

* CENTER 1-FULL LENGTH OF WATER MAIN PIPE AT CROSSINGS; ALTERNATIVELY ARRANGE PIPES SO JOINTS ARE AT LEAST 3 FEET FROM JOINTS IN VACUUM. STORM OR STORM FORCE MAINS. AT LEAST 6 FEET FROM JOINTS IN GRAVITY OR PRESSURE SEWERS, WASTEWATER FORCEMAINS OR RECLAIMED WATER.

NOTE: IN ALL CASES, INCLUDING EXCEPTIONS, REFER TO F.A.C. 62-555.314

b. THE NORTHERLY AND EASTERLY COORDINATES ON ALL FIELD OBTAINED MEASUREMENTS AND PROVIDED ON ALL RECORD DRAWING SUBMITTALS c. PROFILE SHOWING MANHOLE NUMBER (AS PER PLAN), RIM AND INVERT ELEVATIONS (IF MORE THAN ONE INVERT, LABEL NORTH, SOUTH, ETC.), AND STATION STARTING AT 0+00 AT DOWNSTREAM MANHOLE. 5. FORCE MAIN "RECORD DRAWING" SAME AS WATER MAIN. 6. EACH RECORD DRAWING SHALL SHOW THE FLORIDA STATE PLANE COORDINATES (CURRENT READJUSTMENT) OF ALL THE MANHOLES AND VALVES AND OF AT LEAST TWO HORIZONTAL CONTROL POINTS PROPERLY IDENTIFIED AND LOCATED WITHIN THE PROJECT.

m. ALL "PROPOSED" INFORMATION TO BE REMOVED FROM PRINTS, LEAVING ONLY RECORD DRAWING INFORMATION

a. PLANS SHOWING PIPE SIZE, MATERIAL AND OFFSET OF MAIN, DEFLECTIONS (IF ANY), STATION OF SERVICES,

HYDRANTS, VALVES, FITTINGS, IF ANY, ALL IN STATE PLANE COORDINATES. UTILITY CROSSINGS SHALL BE

b. PROFILE SHOWING TOP OF GROUND AND TOP OF PIPE ELEVATIONS AT EVERY 100' STATION AND AT ANY

CHANGE IN GRADE (WITH CORRESPONDING STATION), PIPE SIZE AND PIPE MATERIALS REFERENCED TO PLAN.

a. PLAN SHOWING MANHOLE NUMBER, PIPE SIZE AND PIPE MATERIAL OF PIPE, DEFLECTION, SLOPE OF GRAVITY

SEWER, LOCATION OF LATERALS WITH REFERENCE TO MANHOLE AND CLEANOUTS.

REFLECTED IN DRAWINGS

3. WATER "RECORD DRAWINGS" MUST INCLUDE:

4. SEWER "RECORD DRAWINGS" MUST INCLUDE:

CLEARLY IDENTIFIED AND LOCATED.

THE	e fol	LC	WING /	ARE	REC	UIRE	MEN	ΓS
	PER	DE	PARTM	ENT	OF	HEA	LTH	
(NOT	PART	OF	M-DWA	SD N	OTES	NOR	APPRO	$) \setminus I$

WATER MAIN HORIZONTAL SEPARATIONS

FT. AND AT LEAST 3 FT. MINIMUM

GRAVITY OR PRESSURE SANITARY SEWERS, WASTEWATER FORCE

OF WATER MAIN IS AT LEAST 6 INCHES ABOVE TOP OF SEWER.

SYSTEM.

(NOT PART OF M-DWASD NOTES NOR APPROVAL) 1. EXISTING TOPOGRAPHIC AND TREE LOCATION INFORMATION HAS BEEN OBTAINED FROM THE SURVEY

2. ELEVATIONS SHOWN ON THE DRAWINGS ARE IN FEET BASED ON NATIONAL GEODETIC

3. 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

4. THE LOCATION AND SIZE OF ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE, 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

5. UTILITIES NEEDED TO BE ADJUSTED WILL BE ADJUSTED BY OTHERS. CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING THESE ADJUSTMENTS WITH THE UTILITY COMPANY.

6. CONTRACTOR SHALL ADJUST ALL EXISTING VALVES BOXES, CATCH BASINS GRATES. MANHOLES COVERS, ETC. TO MEET NEW GRADES WHERE APPLICABLE.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING APPROPRIATE SAFETY PRECAUTIONS DURING EXCAVATION AND TRENCHING OPERATIONS AS REQUIRED BY THE "TRENCH SAFETY ACT".

8. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED BY THE CONTRACTOR AT NO EXPENSE TO MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT

9. CONTRACTOR SHALL PREVENT INTRODUCTION OF DEBRIS OR DIRT INTO NEW OR EXISTING STORM DRAINAGE SYSTEM AS A RESULT OF CONSTRUCTION ACTIVITIES. ALL LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND

10. CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN CONFLICTS BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED.

11. TO SAFEGUARD THE PUBLIC HEALTH, SAFETY AND WELFARE, PROCEDURES AND MATERIALS OF CONSTRUCTION WERE SELECTED BASED ON ENGINEERING DESIGN STANDARDS APPLICABLE TO THIS PROJECT WHICH INCLUDES THE REVIEW OF A SITE SPECIFIC REPORT OF GEOTECHNICAL EXPLORATION PREPARED BY NUTTING ENGINEERS OF FLORIDA, INC. AND DATED NOVEMBER 20, 2023. ALL NECESSARY DESIGN STANDARDS AND PROCEDURES HAVE BEEN INCORPOTRATED TO SAFEGUARD THE PROPOSED WORK (PROPOSED PIPES, PIPE JOINTS, MANHOLES, STRUCTURES AND ASSOCIATED APPURTENANCES) AND PUBLIC HEALTH, SAFETY AND WELFARE IF CONTAMINATED GROUNDWATER OR SOIL IS ENCOUNTER DURING CONSTRUCTION

12. NO PORTION OF THE PROPOSED FORCE MAIN/GRAVITY SEWER LINES WILL TRAVERSE THROUGH ANY KNOWN CONTAMINATED AREA OR BURIED SOLID WASTE. NEVERTHELESS, ADEQUATE PRECAUTIONS SHALL BE TAKEN DURING CONSTRUCTION.

13. IF CONTAMINATED GROUNDWATER OR CONTAMINATED SOIL IS ENCOUNTERED DURING THE INSTALLATION OF THE FORCE MAIN, GRAVITY SEWER LINES, AND PUMP STATIONS, THE WORK WITHIN THESE AREAS SHOULD CEASE, AND THE FOLLOWING SHALL APPLY:

a. ALL WORK IN THE AREA SHALL FOLLOW ALL APPLICABLE SAFETY REQUIREMENTS (E.G., OSHA, ETC.) AND NOTIFICATION MUST BE PROVIDED TO UTILITY, EOR, RER-DERM AND OTHER APPROPRIATE AGENCIES.

b. THE DESIGN SHALL BE RE-EVALUATED TO DETERMINE IF A DESIGN CHANGE IS REQUIRED TO SAFEGUARD THE PROPOSED WORK (PROPOSED PIPES, PIPE JOINTS, MANHOLES, STRUCTURES AND ASSOCIATED APPURTENANCES) AND PUBLIC HEALTH, SAFETY AND WELFARE, AND SUCH EVALUATION AND PROPOSED CHANGES WILL BE SUBMITTED TO RER-DERM FOR REVIEW AND APPROVAL PRIOR TO RECOMMENCING

c. THE REUSE OF CONTAMINATED SOILS IS PROHIBITED WITHOUT PRIOR RER-DERM ENVIRONMENTAL MONITORING AND RESTORATION DIVISION (EMRD) APPROVAL. THE EMRD CAN BE CONTACTED AT (305) 372-6700.

14. IF ANY AREA OF THE WORK SITE IS FOUND TO CONTAIN BURIED SOLID WASTE. THE FOLLOWING

a. ALL WORK IN THE AREA SHALL FOLLOW ALL APPLICABLE SAFETY REQUIREMENTS (E.G., OSHA, ETC.) AND NOTIFICATION MUST BE PROVIDED TO THE APPROPRIATE AGENCIES. b. IMMEDIATELY NOTIFY THE ENVIRONMENTAL MONITORING RESTORATION DIVISION (EMRD). THE EMRD CAN BE CONTACTED AT (305) 372-6700.

C. IF BURIED SOLID WASTE MATERIAL IS EXCAVATED DURING CONSTRUCTION, THEN THEY REQUIRE PROPER HANDLING AND DISPOSAL IN ACCORDANCE WITH THE LOCAL, STATE AND FEDERAL REGULATIONS. BE ADVISED THAT THE LANDFILL OWNER/OPERATOR IS THE FINAL AUTHORITY ON DISPOSAL AND MAY HAVE REQUIREMENTS BEYOND THOSE PROVIDED BY HEREIN. IF DISPOSAL WITHIN A MIAMI-DADE COUNTY OWNED LANDFILL (CLASS I LANDFILL) IS APPROPRIATE AND SELECTED, PLEASE CONTACT THE MIAMI-DADE COUNTY DEPARTMENT OF SOLID WASTE MANAGEMENT AT (305) 594-6666 FOR INFORMATION.

d. ALL TRENCHES SHALL BE MONITORED BY AIR SAMPLING REQUIRED PER 29 CFR 1926.651(g). 15. ALL DAMAGED AREAS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION.

THE FOLLOWING ACTIVITIES ON EXISTING WATER SERVICES AND/OR EXISTING WATER MAINS SUCH AS:

SERVICE INSTALLATIONS / RETIREMENTS/SERVICE TRANSFERS ANY WORK THAT MAY AFFECT THE QUALITY AND/OR QUANTITY OF WASDS WATER, TRANSMISSION AND DISTRIBUTION SYSTEM



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 74TH 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

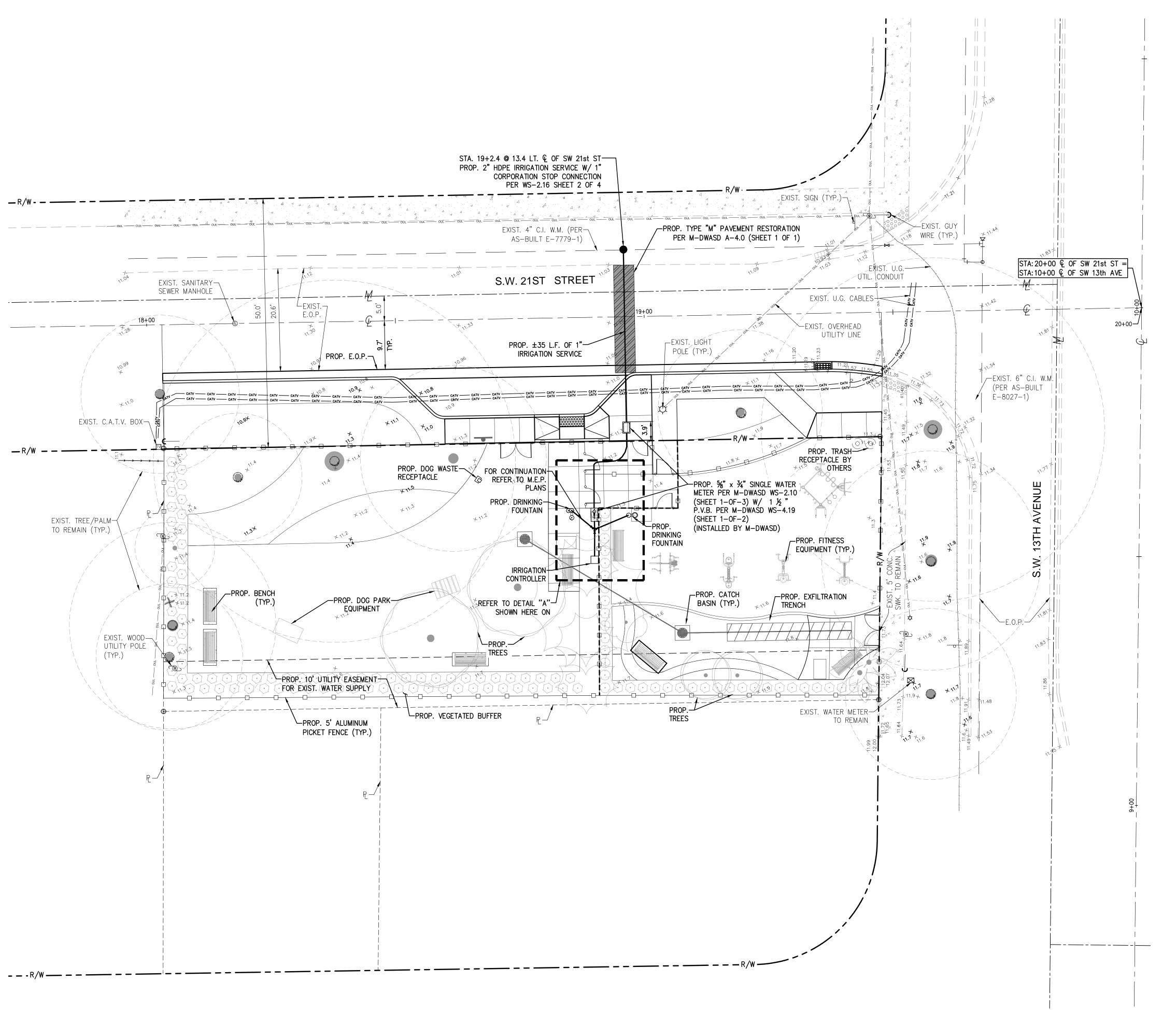
1320 MINI PARK NEW DOG & FITNESS PARK

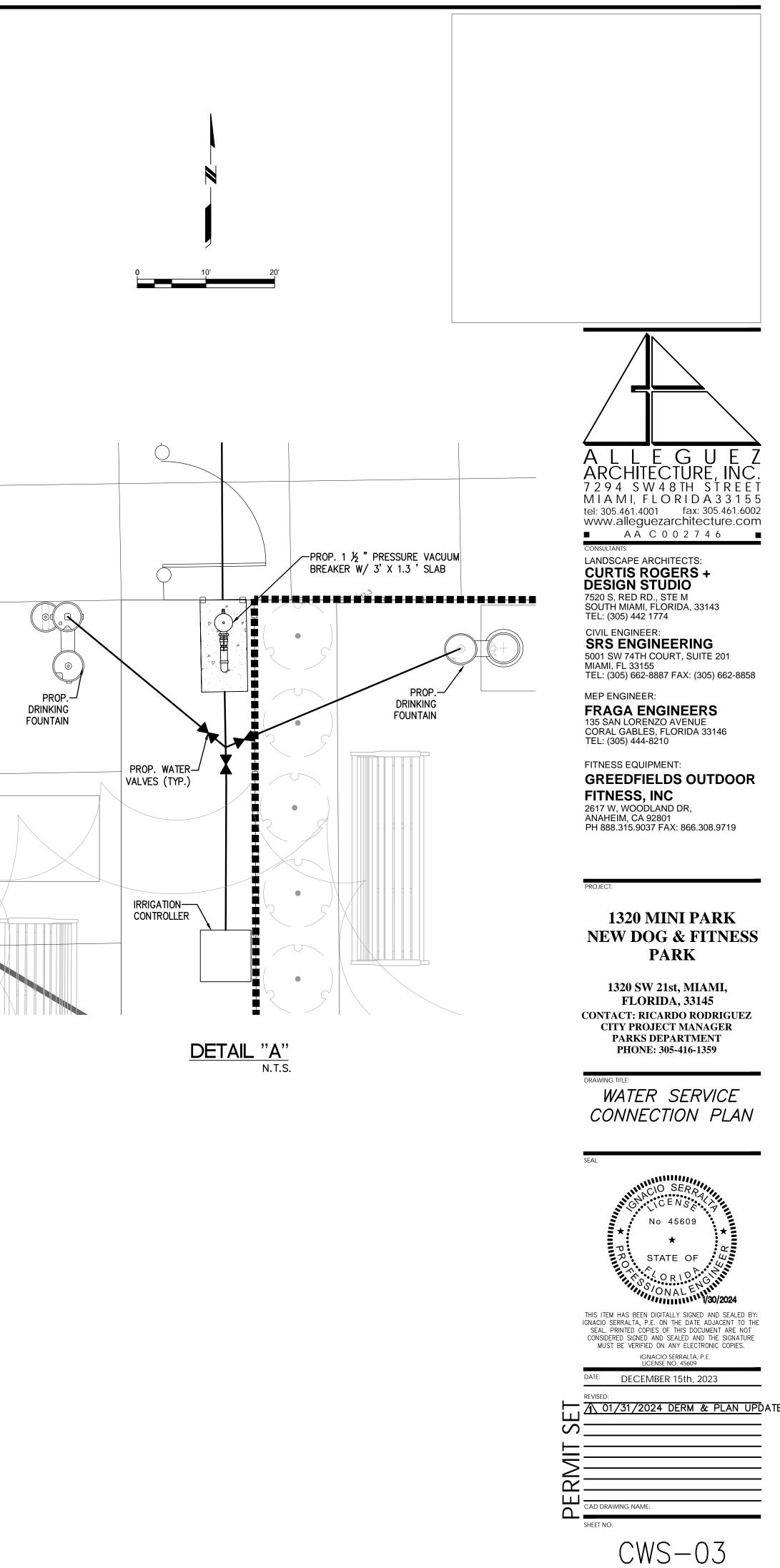
1320 SW 21st, MIAMI, **FLORIDA**, 33145 **CONTACT: RICARDO RODRIGUEZ** CITY PROJECT MANAGER PARKS DEPARTMENT PHONE: 305-416-1359

DRAWING TITLE:

GENERAL	NOTES
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No 45609 * * No 45609 * * STATE OF	
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY: IGNACIO SERRALTA, 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 SERRALTA, P.E. LICENSE NO. 45609	
DATE: DECEMBER 15th, 2023 REVISED: Image: Cad drawing name:	A
SHEET NO. CWS-02	





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

<u>SITE PLAN NOTES.</u>

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

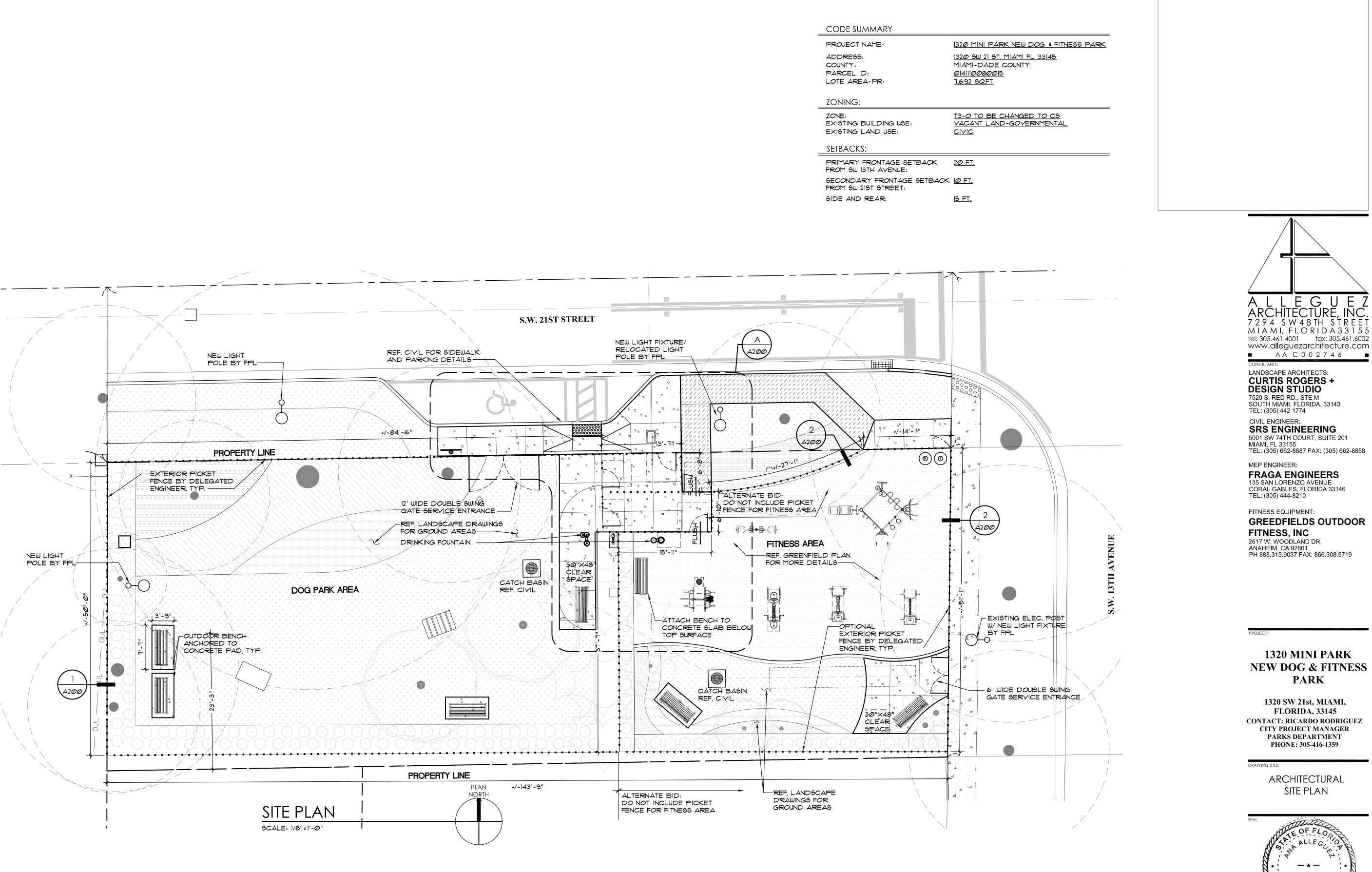
RELOCATION OF ALL UTILITIES. A UTILITY RELOCATION SCHEDULE SHALL BE SUBMITTED PRIOR TO THE START OF NEW CONSTRUCTION. 9. THE CONTRACTOR SHALL CONTACT THE CITY AT LEAST TWO

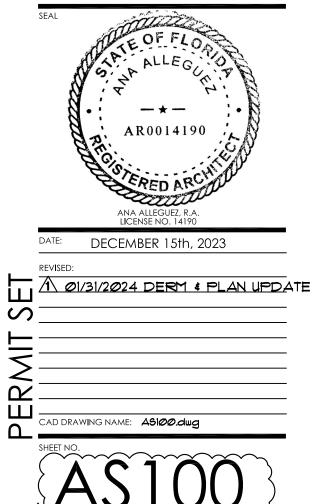
FULL WORKING DAYS PRIOR TO CONSTRUCTION. 10. ALL BROKEN OR DISPLACED EXISTING CONCRETE CURB, GUTTER, OR SIDEWALK SHALL BE REMOVED AND REPLACED AS

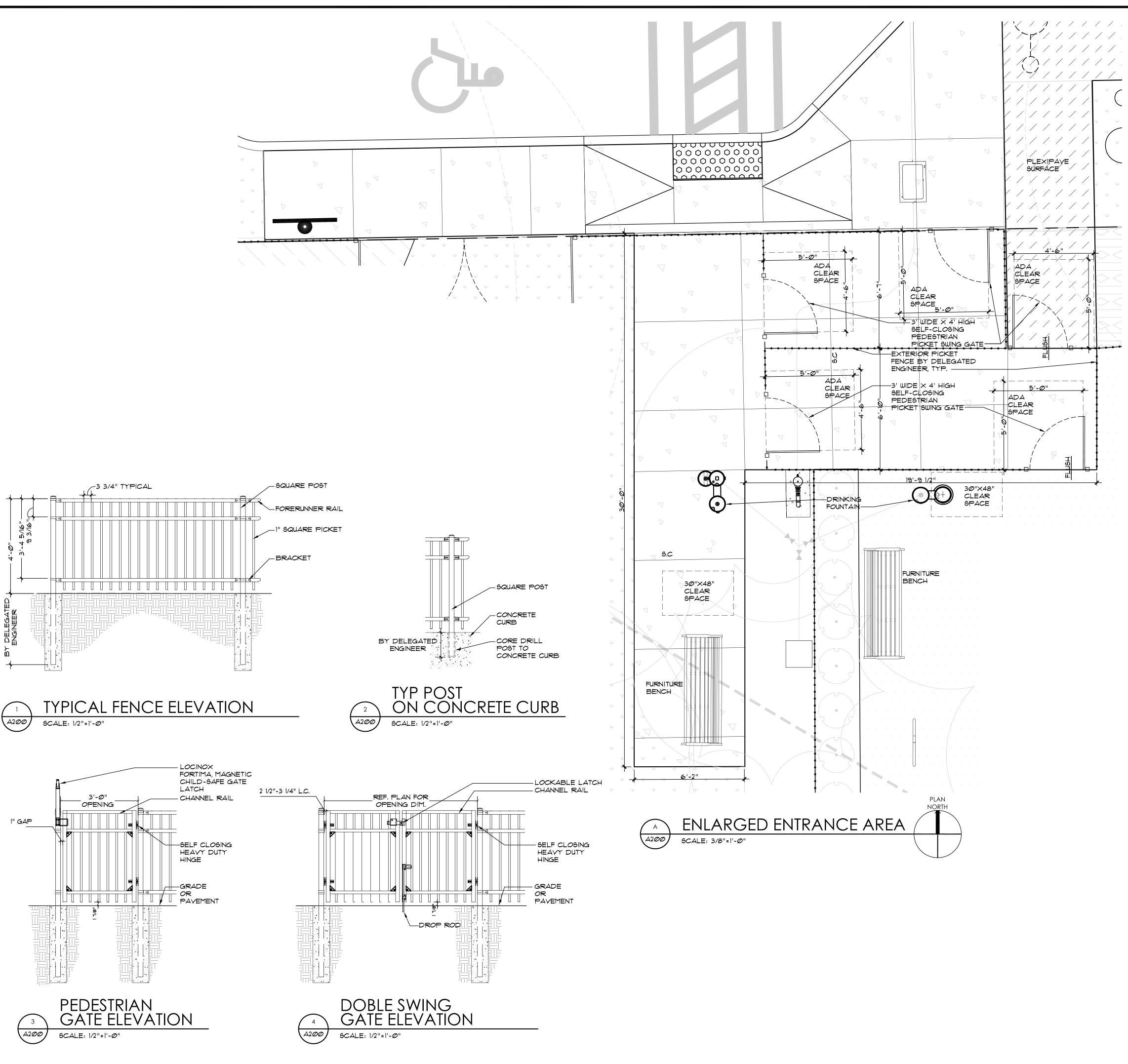
DIRECTED BY THE CITY. 11. ALL CITY FACILITIES, ALLEYS AND ROADWAY SURFACES DAMAGED BY CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED/RESTORED TO THE SATISFACTION OF THE CITY.

11. ALL EXISTING FEATURES NOT DESIGNATED FOR REMOVAL SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR DURING CONSTRUCTION.

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.







STEEL GATE SPECIFICATION "BASIS OF DESIGN" USED FOR: FENCE AND GATE: "AMERISTAR BY ASSA ABLOY" CONTACT PERSON: MR. TIM SMITH AMERISTAR PERIMETER SECURITY USA, INC. PHONE: 918-218-8176 (DIRECT) 888-333-3422 EMAIL : TIMSMITHI®ASSAABLOY.COM

FENCE MODEL:T.B.D COLOR: BLACK

GATE MODEL: T.B.D THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, APPURTENANCES NECESSARY FOR INSTALLATION OF THE WELDED ORNAMENTAL STEEL FENCE.

WARRANTY: ALL STRUCTURAL FENCE COMPONENTS (I.E. 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 INLINE 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 MILG (0.058 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).

EGUE ÂRĈHĪTĒCTURĔ, INC 7294 SW48TH STREE MIAMI, FLORIDA33155 tel: 305.461.4001 fax: 305.461.6002 www.alleguezarchitecture.com AA C 0 0 2 7 4 6 🛛 / CONSULTANT

LANDSCAPE ARCHITECTS: CURTIS ROGERS + **DESIGN STUDIO** 7520 S, RED RD., STE M

SOUTH MIAMI, FLORIDA, 33143 TEL: (305) 442 1774 CIVIL ENGINEER:

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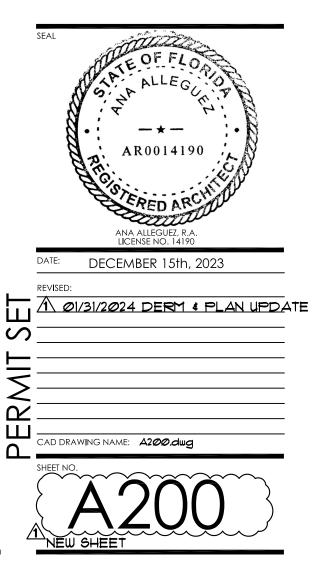
135 SAN LORENZO AVENUE CORAL GABLES, FLORIDA 33146 TEL: (305) 444-8210

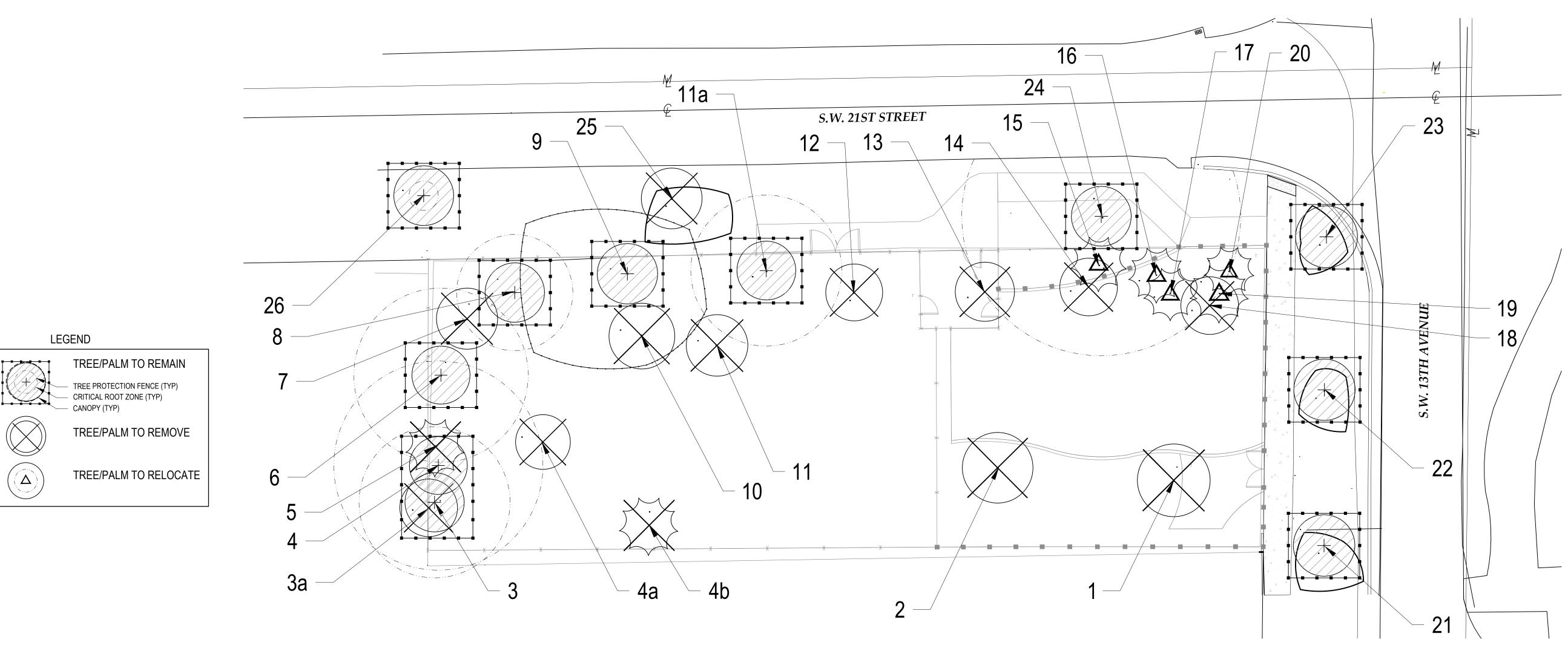
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> ARCHITECTURAL SITE PLAN





TREE DISPOSITION PLAN 1

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Scale: 1" 10-0'

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

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	CITY	ΜΑΙΝ	TRFF	MITIG	ΔΤΙΟΝ	CAL	CULA.	TION

CITY OF MIA	MI TREE MITIGATION CA	LCULATI	ONS				CITY OF MIAMI PALM MITIGATION C	CALCULATIONS
Total trees to	be removed:	9					Total palms to be removed:	3
Total trees to	be mitigated for:	8					Total palms that require mitigation:	2
Total palms to	be removed:	3	See Palm Mi	itigation Cal	culation Tal	ble		
Total TREE(S)	DBH (in.) to be mitigated:	118					Total required replacement	4
Total require	d replacement trees						with two palms at 16' OA Ht., 6" DBH	4
at Min. 12' Ht	., 2" DBH, 6' Spread =	40						
	or			Or \$42,000 t	to		Total proposed replacement palms	2
Total require	d replacement trees		т	ree Trust Fu	und			ــــــــــــــــــــــــــــــــــــــ
at Min. 16' Ht	., 4" DBH, 8' Spread =	20						
Total propose	d replacement trees	2						
at Min. 12' Ht	., 2" DBH, 6' Spread =		-					
Total propose	d replacement trees	2						
at Min. 16' Ht	., 4" DBH, 8' Spread =							
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					BONDVAL			
	SCIENTIFIC NAME				SPECIMEN			
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9 11a	Strangler Fig		cus area	48	ې ا	40,000		
21	Strangler Fig Black Olive		da buceras	25	\$	20,000		
21	Black Olive		da buceras	32	<u>ې</u> د	20,000		
22	Black Olive		da buceras	32	ر ب			
23	Slash Pine		us elliottii	24	\$	24,000		
24	Mahogany		nia mahagoni	12	ر ب	10,000		
20			na manayom					
		1		1	<u> </u>			

	MI TREE MITIGATION CA	LCULATI	ONS				CITY OF MIAMI PALM MITIGATION CA	ALCULATIONS
Total trees to	be removed:	9				-	Total palms to be removed:	3
	be mitigated for:	8					Total palms that require mitigation:	2
	o be removed:	3	See Palm Mi	tigation Calo	culation Table			2
-	DBH (in.) to be mitigated:	118					Total required replacement	
	d replacement trees						with two palms at 16' OA Ht., 6" DBH	4
-	., 2" DBH, 6' Spread =	40						
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REE NUMBER	SCIENTIFIC NAME	соммс	N NAME		TO REMAIN			
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4	Live Oak		us virginiana		J I	.2,000		
<u>4</u> 9	Live Oak Strangler Fig		us virginiana cus area	48		.2,000 0,000		
		Fi						
9	Strangler Fig	Fi Fi	cus area	48	\$ 4			
9 11a	Strangler Fig Strangler Fig	Fi Fi Buci	cus area cus area	48 13	\$ 4 \$ 2	0,000		
9 11a 21	Strangler Fig Strangler Fig Black Olive Black Olive Black Olive	Fi Fi Buci Buci	cus area cus area da buceras	48 13 25 32 32 32	\$ 4 \$ 2 \$ 2 \$ 2 \$ 2	20,000 20,000 24,000 24,000		
9 11a 21 22 23 24	Strangler Fig Strangler Fig Black Olive Black Olive Black Olive Slash Pine	Fi Fi Buci Buci Buci Pin	cus area cus area da buceras da buceras da buceras us elliottii	48 13 25 32 32 32 24	\$ 4 \$ 2 \$ 2 \$ 2 \$ 2	0,000 0,000 4,000		
9 11a 21 22 23	Strangler Fig Strangler Fig Black Olive Black Olive Black Olive	Fi Fi Buci Buci Buci Pin	cus area cus area da buceras da buceras da buceras	48 13 25 32 32 32	\$ 4 \$ 2 \$ 2 \$ 2 \$ 2	20,000 20,000 24,000 24,000		
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9 11a 21 22 23 24	Strangler Fig Strangler Fig Black Olive Black Olive Black Olive Slash Pine	Fi Fi Buci Buci Buci Pin	cus area cus area da buceras da buceras da buceras us elliottii	48 13 25 32 32 32 24	\$ 4 \$ 2 \$ 2 \$ 2 \$ 2	20,000 20,000 24,000 24,000		



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CAD DRAWING NAME:

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E.Ocel e ,a c r c ec ea are ar d r der e r all all e edael e ered e a r rae r l (a ,l er ,r cl er) a e ear .	7.0 Pi gi as
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INTENANCE GATION

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RTILIZATION

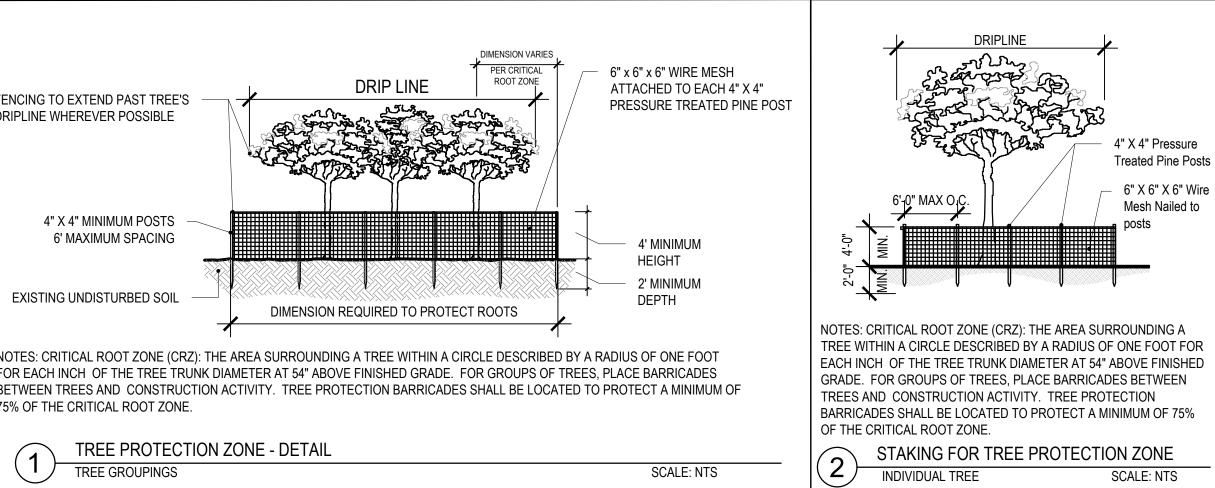
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EAN-UP DEBRIS REMOVAL

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JARANTEE

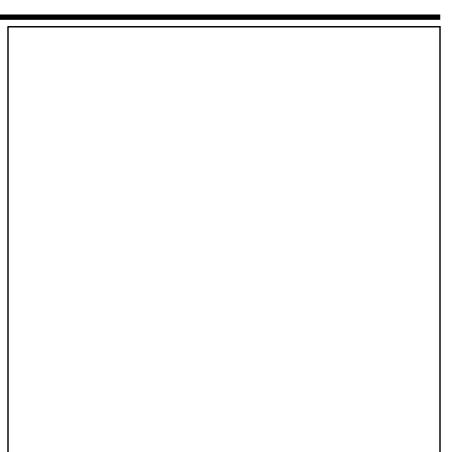
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- e ree are da a ed r de d r e rel ca r ce e all e a ed a c O er. all re lace e dead da a ed ree eC Cral rac r e ree a eeded а a re re e d e Tree Pr ec a d Pre er a Ord a ce. Ga le



oosts

Tree Protection Notes

- 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.
- 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 ails
- 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.
- The area within the TPZ shall be kept free of heavy equipment operation. There shall be no movement of heavy equipment within these areas.
- The area within the TPZ shall not be used for any type of materials storage or dumping (including wash water).
- 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.
- 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).
- 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, oppers 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.
- 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.





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 74TH 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

1320 MINI PARK NEW DOG & FITNESS PARK

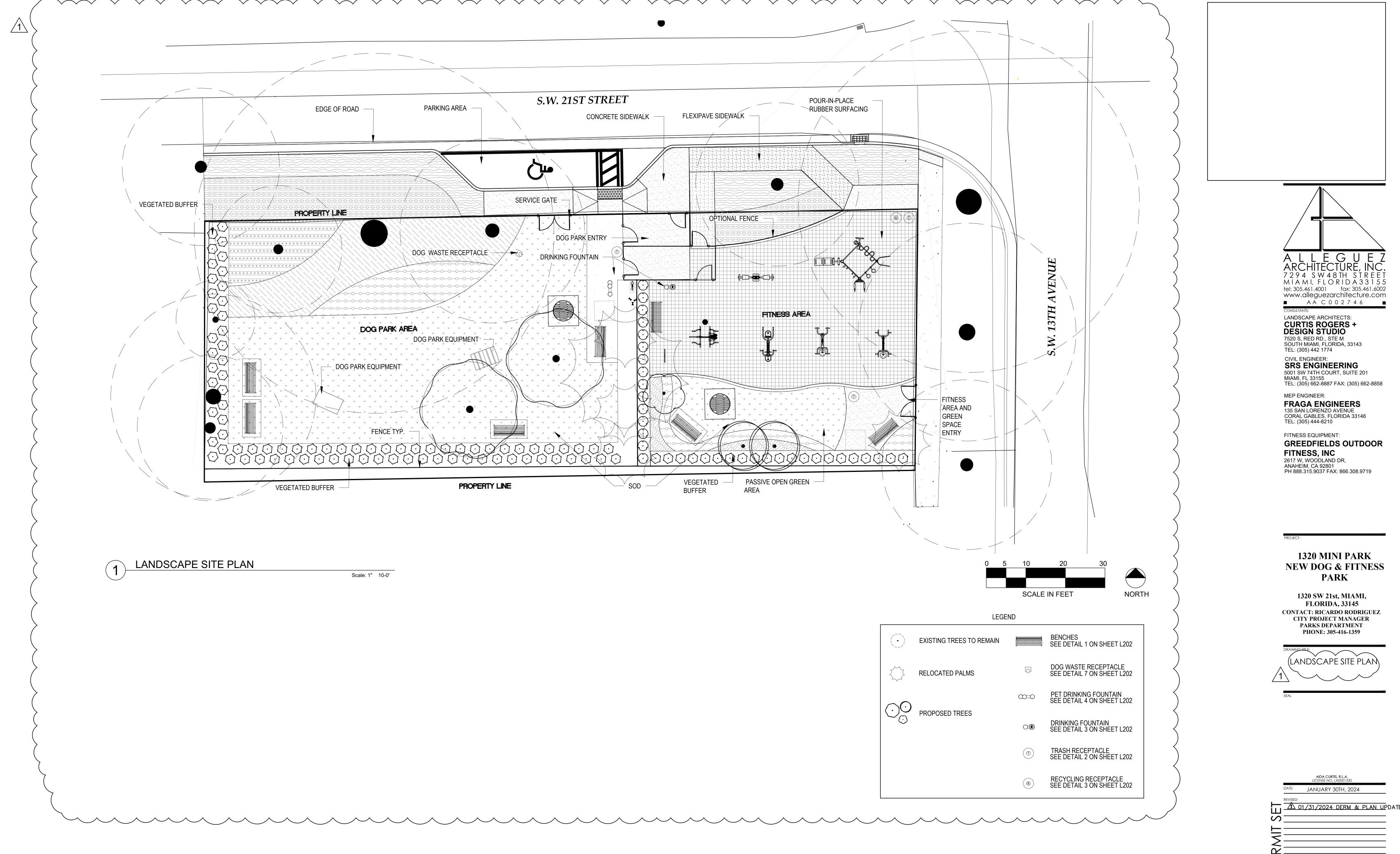
1320 SW 21st, MIAMI, FLORIDA, 33145 **CONTACT: RICARDO RODRIGUEZ** CITY PROJECT MANAGER PARKS DEPARTMENT PHONE: 305-416-1359

> TREE DISPOSITION NOTES AND DETAILS

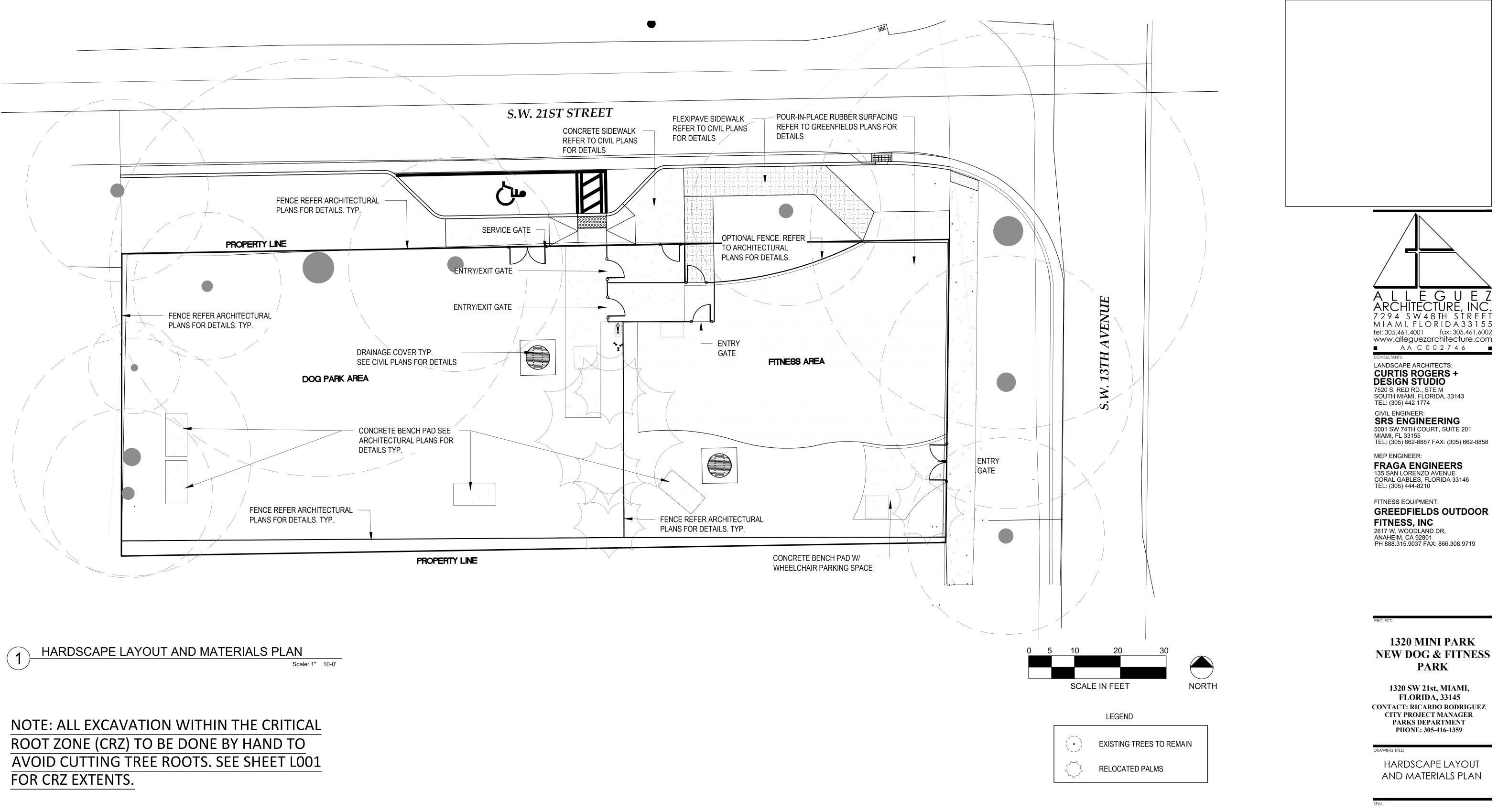
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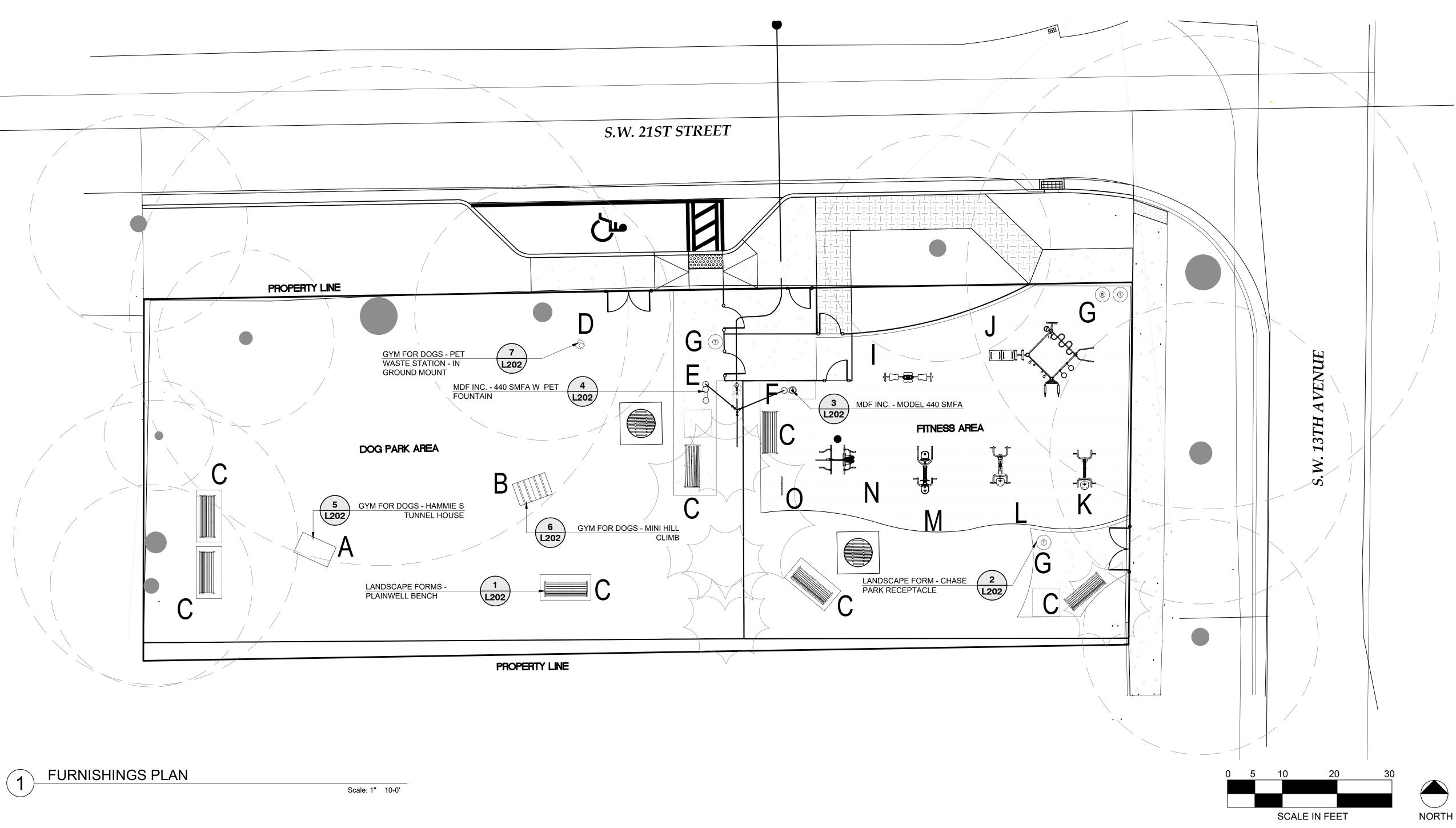


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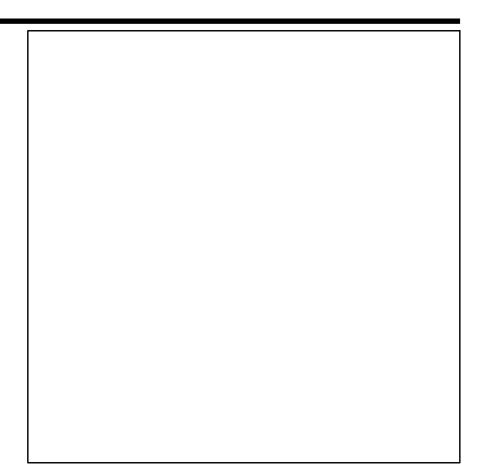
	EQUIPMENT & FURNISHINGS SCHEDULE						
SYMBOL	QTY	MANUFACTUER	MODEL	PRODUCT NUMBER	COLOR		
А	1	GYM FOR DOGS	MINI HILL CLIMB (L/X)	DL-MH2-RPW-10004	NUTMEG		
В	1	GYM FOR DOGS	HAMMIE'S TUNNEL HOUSE (LARGE)	DL-LTH-GRC	N/A		
С	7	LANDSCAPE FORMS	PLAINWELL BENCH		THERMALLY MODIFIED ASH BRONZE METALLIC		
D	1	GYM FOR DOGS	PET WASTE STATION	DL-PWS100-IG-TPC	GREEN		
E	1	MOST DEPENDABLE FOUNTAINS	DRINKING FOUTAIN W/ PET FOUNTAIN	440 SWFA	GREEN		
F	1	MOST DEPENDABLE FOUNTAINS	DRINKING FOUTAIN	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		
М	1	GREENFIELDS	2-PERSON BACK & ARMS COMBO	SGR042	GREEN		
Ν	1	GREENFIELDS	4-PERSON LOWER BODY COMBO	SGR021	GREEN		
0	1	GREENFIELDS	CUSTOMIZED ANNOUNCEMENT SIGN	SGR105	GREEN		

ALL FURNISHINGS SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS.

NOTE: ALL EXCAVATION WITHIN THE CRITICAL ROOT ZONE (CRZ) TO BE DONE BY HAND TO AVOID CUTTING TREE ROOTS. SEE SHEET LOO1 FOR CRZ EXTENTS.

LEGEND

	EXISTING TREES TO REMAIN
	BENCHES SEE DETAIL 1 ON SHEET L202
	DOG WASTE RECEPTACLE SEE DETAIL 7 ON SHEET L202
∞=0	PET DRINKING FOUNTAIN SEE DETAIL 4 ON SHEET L202
0.0	DRINKING FOUNTAIN SEE DETAIL 3 ON SHEET L202
	TRASH RECEPTACLE SEE DETAIL 2 ON SHEET L202
R	RECYCLING RECEPTACLE SEE DETAIL 3 ON SHEET L202





LANDSCAPE ARCHITECTS: CURTIS ROGERS + DESIGN STUDIO

7520 S, RED RD., STE M SOUTH MIAMI, FLORIDA, 33143 TEL: (305) 442 1774 CIVIL ENGINEER:

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

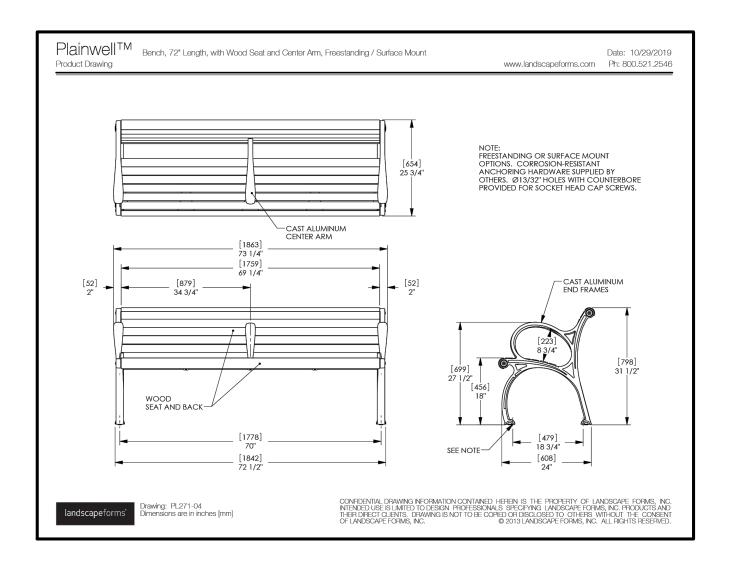
FITNESS EQUIPMENT: **GREEDFIELDS OUTDOOR** FITNESS, INC 2617 W, WOODLAND DR, ANAHEIM, CA 92801 PH 888.315.9037 FAX: 866.308.9719

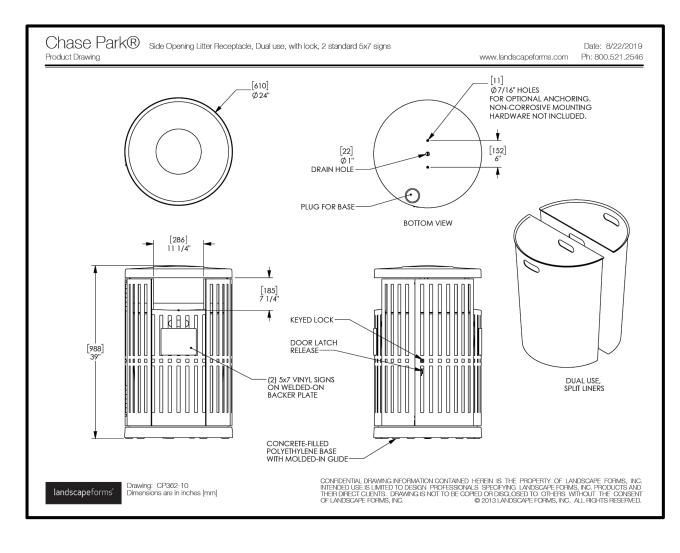
1320 MINI PARK **NEW DOG & FITNESS** PARK

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

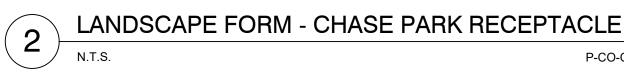
FURNISHINGS PLAN

	AIDA CURTIS, R.L.A. LICENSE NO. LA0001330	
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NOTE: FOR DRINKING FOUNTAIN, REFER TO MEP FOR DRYWELL

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5" 15"

ACCESS DOOR BOLTIS CENTERED UNDERADA ARM OPTIONAL INTERNA SURFACE CARRIER

WATER -

NOTES: 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

BY OTHERS

1. INSTALLATION TO BE COMPLETED IN ACCONDANCE WITH MANDAGUIDENS SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. DHIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS
FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOTB EUSE FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY
THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTORS NOTE: FOR PROJUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/mfo AND ENTER
REFERENCE NUMBER 3354-1.92.

IF TYING INTO A SANITARY SEWE A P-TRAP WILL BE NECESSAR

MODEL 440 SMFA

SHOWN W/ OPTIONAL SS SURFACE CARRIER

MOST DEPENDABLE FOUNTAINS, INC. 5705 COMMANDER DR. P.O. BOX 587

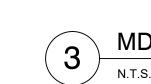
ARLINGTON, TN 38002-0587 PHONE: (901) 867-0039 www.mostdependable.com

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REVISION DATE 08/28/2020 CADdetails.com

FOR DRYWELL

P-CO-COM-02



MDF INC. - MODEL 440 SMFA

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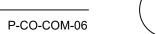
MOST DEPENDABLE FOUNTAINS, IN



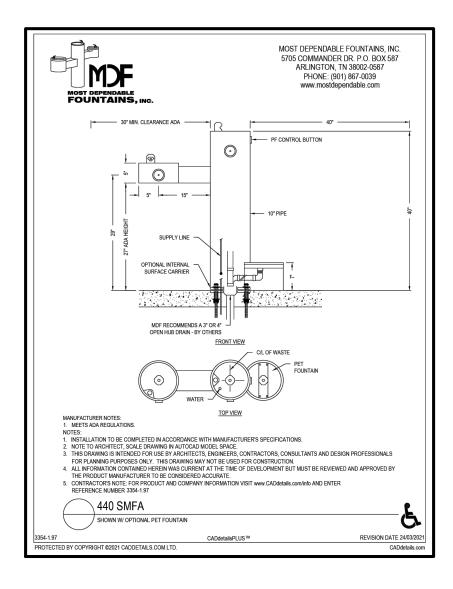




GYM FOR DOGS - PET WASTE STATION - IN GROUND MOUNT 7 P-CO-COM-07 N.T.S.

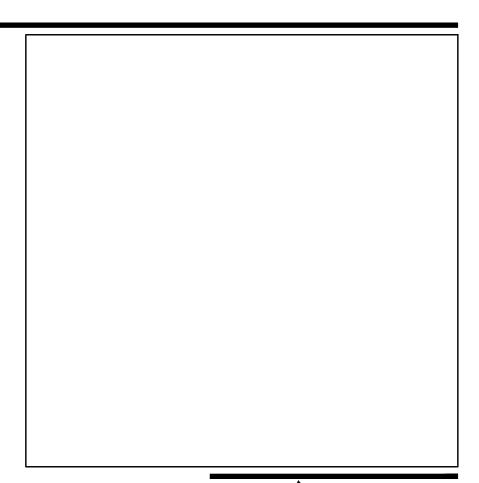


NOTE: FOR DRINKING FOUNTAIN, REFER TO MEP



MDF INC. - 440 SMFA W/ PET FOUNTAIN

P-CO-COM-03





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 74TH 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

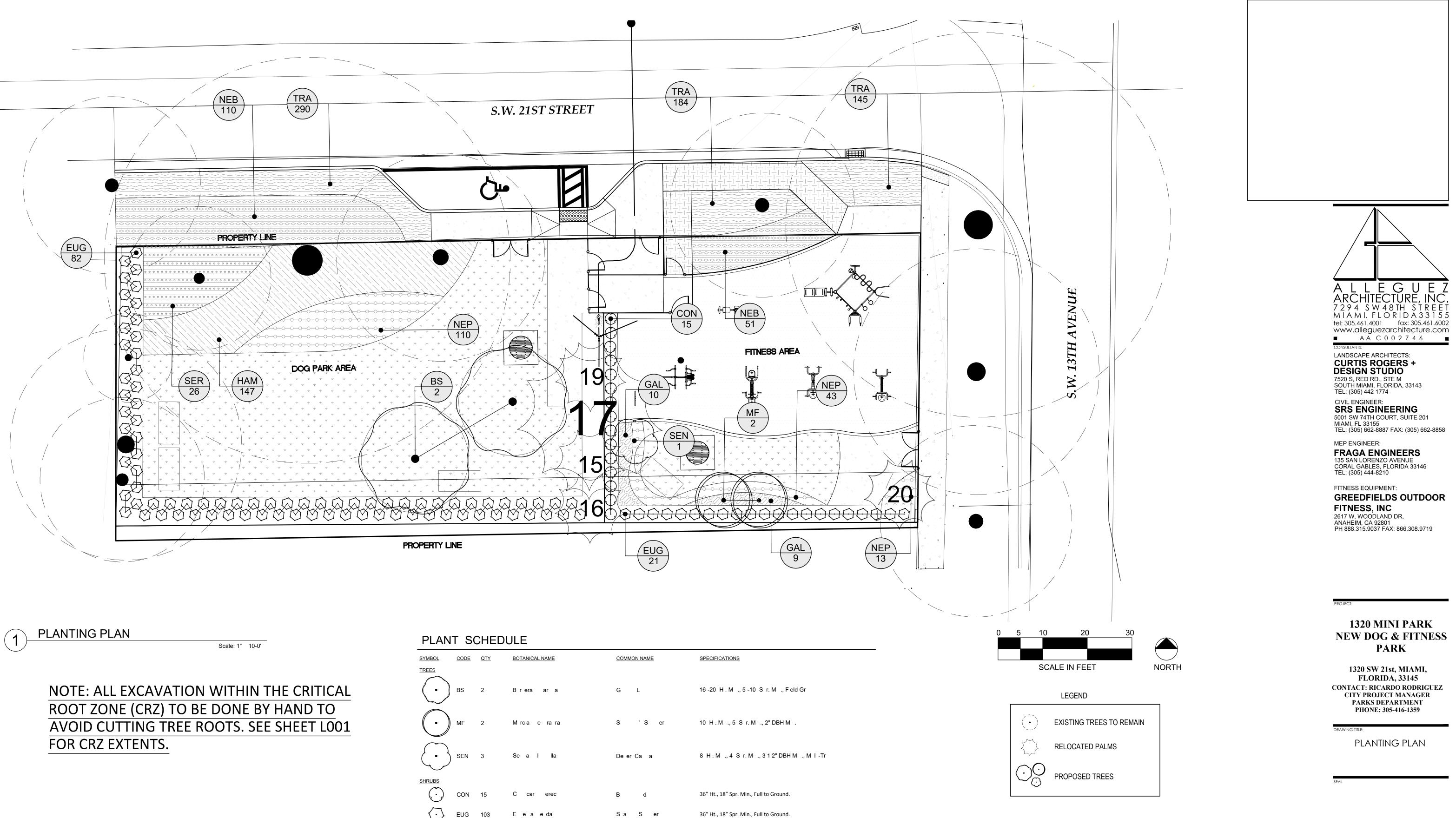
FITNESS EQUIPMENT: **GREEDFIELDS OUTDOOR** FITNESS, INC 2617 W, WOODLAND DR, ANAHEIM, CA 92801 PH 888.315.9037 FAX: 866.308.9719

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

FURNISHING DETAILS

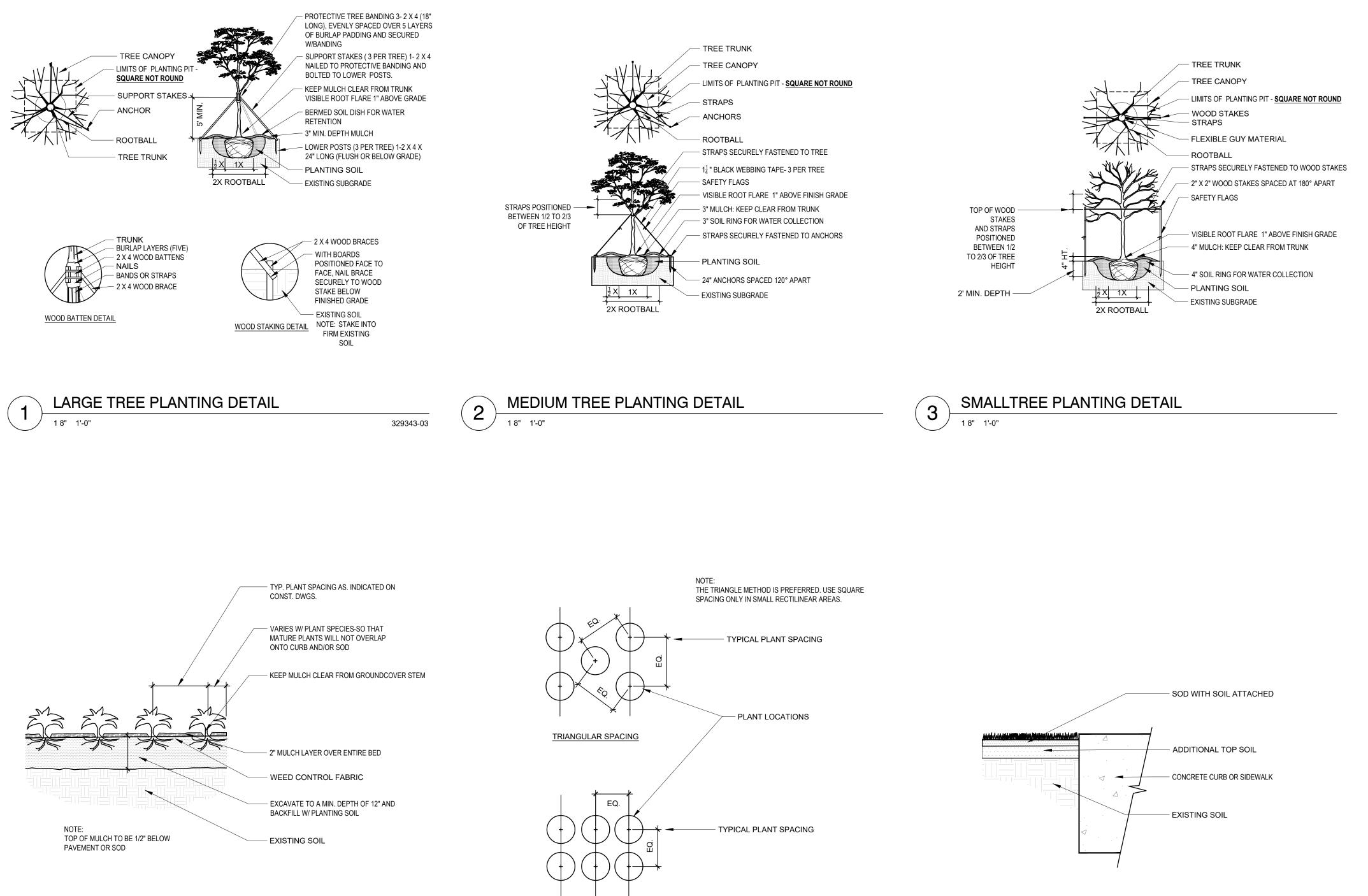
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PLANTING PLAN		
	Scale: 1"	10-0'

SYMBOL	CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS	
TREES						
\bigcirc	BS	2	Brera ar a	G L	16 -20 H . M ., 5 -10 S r. M ., F eld Gr	
\bigcirc	MF	2	Mrca e rara	S 'S er	10 H . M ., 5 S r. M ., 2" DBH M .	
\bigcirc	SEN	3	Se a I lla	De er Ca a	8 H . M ., 4 S r. M ., 3 1 2" DBH M ., M I -Tr	
SHRUBS						
(·)	CON	15	C car erec	B d	36" Ht., 18" Spr. Min., Full to Ground.	
$\langle \cdot \rangle$	EUG	103	E e a e da	Sa S er	36" Ht., 18" Spr. Min., Full to Ground.	
SYMBOL		QTY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS	SPACING
SHRUB AREAS	8					
	GAL	19	Gal a rac l	T r all	18" H . M ., 12" S r. M .	24" .c.
	HAM	147	Ha ela ae 'C aca'	D ar Fre	18" H . M ., 12" S r. M .	24" .c.
	SER	26	Sere a re e	Sa Pal e	24"H.M.,36"Sr.M.,FII Bae	36" .c.
GROUND COV	ERS					
><><><><><><><><><><><><><><><><><><><	NEB	152	Ne r le erra a	Ga S rd er	18" H . M ., 18 S r. M .	24" .c.
	NEP	166	Nerle ealaa	B Fer	12" H . M ., 12" S rd. M ., F II Bae	18" .c.
	TRA	574	Tracel er a a c	AacJa e	4"	12" .c.
SOD						
v v	SOD	2,744	Se a r ec da 'CraBle'	CraBleS.A eGra	S Id S d	

	AIDA CURTIS, R.L.A. LICENSE NO. LA0001330	
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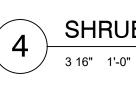
3 8" 1'-0"

SQUARE SPACING

5 1 4" 1'-0"

GROUNDCOVER PLANTING DETAIL

329313-02

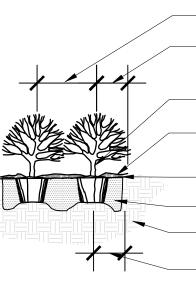


SHRUB AND GROUNDCOVER SPACING DETAIL

329313-01



SOD ADJACENT TO CONCRETE DETAIL



- TYP. PLANT SPACING AS INDICATED ON CONST. DWGS.

- VARIES W PLANT SPECIES, SO THAT MATURE PLANTS WILL NOT OVER LAP ONTO PAVEMENT, GROUNDCOVERS AND OR SOD - KEEP MULCH CLEAR FROM SHRUB STEM

- 2" MULCH LAYER OVER ENTIRE BED

WEED CONTROL FABRIC - PLANTING SOIL - EXISTING SOIL

- 1 ROOTBALL DIAMETER

SHRUB PLANTING DETAIL

LLEGUE ARCHITECTURE, INC 7294 SW48TH STREE MIAMI, FLORIDA33155 tel: 305.461.4001 fax: 305.461.6002 www.alleguezarchitecture.com AA C 0 0 2 7 4 6 ONSULTANT

LANDSCAPE ARCHITECTS: CURTIS ROGERS + **DESIGN STUDIO**

7520 S, RED RD., STE M SOUTH MIAMI, FLORIDA, 33143 TEL: (305) 442 1774 CIVIL ENGINEER:

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1320 MINI PARK NEW DOG & FITNESS PARK

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PLANTING DETAILS

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

1. GENERAL

1.01 Tec rac r all a a d a r all er rela ed ec r le re l e cl ded

1.02 Bereca e r ca e aded e a a la l la a er al. edece a acce a le e La d ca e Arc ec

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1.04 , carele e ra , r r er ra e r a dl all e ca e r reec ade ale rec E de ce

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a) PrdcDaa: a ac rer r d c da a a d l era re de cr all r d c re red e La dica e Arcieci ra ral.) Sa le e Ladcae Arcecraral. La el a le rdcad aeral ere re red, dcaerdc,caracercad а le llere e ed ra eara ce I.C. la ce er re re e re l ca e r.Sa eC rac r. c) Pla e Lad cae Arcecraral. rce rce la

rc C ere ce: C rac r all c ed le a re-c r c c ere ce e La d ca e Arc ec a lea e e (7) da e re e 1.06 Pre-C er. eC racr a a ereard e r,ad raercedre dr c rc adrec r cedle. re e a е

1.07 TeLad cae Arcecalle red e r re er aerae eredaell e e ec rc rce a) S e C d Prr Sar Pla - re e laddra aec d

) C le Pla la la la а -ree c) Pla Q al - Re e e del eradrr . Te La dica e Arciecire er e erealla a e rer rr alla del er la arclarde ec r re ed a ea led ec, a dard ele e ca e c rrec ed a e reradeer e la d ca e arc e a reed ed e rer rc rac r r ded a e c rrec la ed crrec de ecalle a e ee e re ec c rac r' e e e.

Telad ca e arc e c a c e a ac e r eal raneneea ea le.Ve eac la r eal er'rereeaeae rer de recl de e la d ca e arc ec re ec e la a er al le

d) C le e Pla - re e e c le ed la

1.08 T e La d ca e Arc ec all ec all r rS a alC le ce c le ec all rear rree al ece ar . U c le a d ree Oere Acceace e de e e La dica e Arciec, e La dica e Arcieci Il recied 1.09 F II aeral all ece e O er re I.TeC rac r all r de Acce a ce, e la e Oer a erereceded a e a ce r ra a e e Acce a ce. Ma e er d c ec eO er a e a ced r e ara ee er d.S rerer eOera c rrec e ea re re red ee e ara ee ald

1.10 I racr ea are all racea d racec d ,a d e La d ca e Arc ec, a crc a ce a ld ес e a el ac e eal la D r ceed r la acrcd a e ee c rreced

1.11 All aeral all e ara eed ra erd e (1) earr e e Acce a ce.

1.12 S Acce a ce. Re lace e d der all e ara eed ra add al 90 da r e ara ee 90 da e e alla .Reara da aeca ed da e d re lace e a c eO er.

1.13 Pla all e eal, ree e addeae, ad Ir cd a eed e ara ee er d. Pla all e ree deadadd race ad rac ,ad all ear la e ralde , ea d c l r.

1.14 Re lace dead la a dall la ar, r c d , a de er ed e La d ca e Arc ec, d r a d a e e d e ara ee er d, c O er, a a ea erc d er ad e ec ed la erd.

a. Relace e all clela cadace ece ea e ece. Relace e all e ecall reree a edecca .

. Ma e all ece ar re ar ca ed la re lace e ac e.

c. Te ara ee all re lace e la all e e d ra add al e ear er d r e da e e racce a ce a er re lace e . I e e e a a re lace e la acce aled r ra eed e ade e ded ara ee erd. eO er a elec e er e rere lace e . ara ee, r cred r eac е.

1.15 A e e d e ara ee er d, e La d ca e Arc ec II ec e r r F al Acce a ce. U c le all re a r r re lace e ece ar, e dee eLadcaeArcec, er llerecededrFalAcceace eOer.

II PRODUCTS

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2.02 All la aeral all ee receed e ere re e a ec ed e la I.N e Ladcae Arcec'aral. Ia all e acce ed ead le a 50 erce e la all ea lar ea e a e ec ed. ra e e, la all ele a e

2.03 C rac r all c ed le La d ca e Arc ec a e c e la aeral e rer r r alla .

2.04 Pla I all c a re 60 a da d 40 c a PH e ee 5.5 a d 6.5.

2.05 M lc all e redded Grade A E cal a a ac red AACTION N r er Pr d c r a r ed e al. S all a le ra r al.

2.06 Ferler r la alle Arr la alle 20-10-5 r la 21 ra Ferler r al alle Pal Secal - r AFEC 8-4-12. S ler rdc ec ca daa ee.

2.07 Ferlerrd alle ra larerlera a 12-6-8 a al .S ler rd c ec ca daa ee.

2.08 Weed c r l a r c all e Pr 5 Weed arrer De r a r ed e al. S ler rdc ecca daa ee.

2.09 Sid all e ree eed a die rie all e rie e l. A Sia al Cile all area all a ria die ecedira a eal le a r . R II d, e ce ed area, r ller e re a 150 | . er rller del aearce .S.d. all e c d rraed edaele readraerrll.Tdre a80-20 adad Illcrac adI allereeaed rearaeeerda eeded.

2.10 Tree ada aeralallea edeal.S a acrer'rdcdaa ra ral.

2.11 Waer Ba: Placaer a ld a 25 all a er a d a l dr le a er relea e e , ec call de ed a er e a l ree . Waer ld releae erae ral daerd, ae r. Waer a all e Tree ar Irra Ba ed ar rae del rere re e e la, a acred Secr Prdc, Ic, Y lle, NC. 27596, rarede al. S lerrdc ecca daa ee ada2 a-a le raral.

III EXECUTION

3.01 C rac r re all derr d le ad a e ece ar cleara ce r r la

3.02 C rac r all e a rade a daler La d ca e Arc ec acce a le rade rr rade. T e C rac r all e La d ca e Arc ec, e La d ca e Arc ec all lrdra a ec d a e der la aeral. I ec racral ccd, e e all rea re le re la aeral r e ara ee er d.

3.03 VI erc I lader all all la , rr, dr adaerla ad el eld re le el e la all ea e er a e ca ac reac e le re ell rae

S IT e	Perae WI P	F
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La,SadCla,SadCla La	14-25	27

VI erc I re Me er. DSMM500 ad al all e eD alSIM Ge eralS ec al T I a d red re eer. Te eer l r e , ra r ede

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6 c e r r read 3.04 S rade all e l e ed r car ed de I. S rade all e read r rade a d all e cleared e reaer a 2 c, c ad ere rae

3.05 E ca a S ace: U a d r rac ed all ea redaera -е са e de all d ca e dra ra edel r c rrec ar all r e e d ca ed d er 1. Frree a d a are NOT lled r се re eac ree, r 5 ee rad all rа d ca ed e dra 2 e edaeer er a. Tearea alla e racel alla ede er all. . L .Telde ae ere edre le, ac de e lad r e I red ce ес d ledad red. l ed a rac ed ecaar rad a e acc el ad r 2.1 a a er d ea er le all e l e eda de eda e rree a d r la ed ed d le. lar

er e d ed. 3.Te ea r rr all de all a er a d ca е 4.I rede ed ed l e e Ird e la le, all la a ee dre е del er la area ere ed la ed er all e lled a de 6 c e

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3.07 Bac II e acear d er all l a a e ca a ed r e la ace. See Pla Sl-a e, rre re e e a e la l re d e l e la ed.

AWe ela le a ee ac lled ree arer de a er all e redar der alladalled a el ele el D l d e la ace.lela e eld ca ac , all e I dra el eld ca ac e re e la .Arce alleel aedadac II cedle la lr rade le el.

B.W. ere dicaled e dra , ld a 4 c , le el er la lar d'e de er all re a a er. Ta e er redice lea a d'er e a cer.

C.T r I aere la ladr all edaelaerla .

3.08 All area rece e r la all e re ared la

3.09 All area rece e d all a e a 2" la

3.10 Ne ree, al, r a d r dc er all e er l ed acc rda ce a ac rer rec e da

3.11 Sidded area all e er led ra lar er ler a a ra e 121 er 1000 S.F. la a di accirda ce e a acirer'rec e da all rade e ee la e re lc .Se ara e e ed e la ed a d la area a , r ed ed e c e r e 3.12 A er la

ed lc le el III er, 1 a d 2 c e , a e adace r d ra dreced La d ca e Arc ec. Bed ed e I e all e a de c ed e dra .

3.13 All la ed area are rece e a 2" la er lc.

3.13 Weed c r l a r c all e alled a er a ac rer'rec e da .

3.14 D a e r ree le eccall re red e C rac D c e , r e e e a e C rac r eel a a e l aler a e a ee ar c lar ree l .

1. Te Lad cae Arcecallae ea r rerearee are aed r reeca a a alerae a ale eree. 2. Tree a re red ea I d ed r all ee e r al a dard a ec e a le. T e La d ca e Arc ec a c e reec e e ree ra er a I e a e rarl r e ree. G.Tree aare ed allae er adae re edaer e IIr ea ra er eare red e Ladcae Arc ec.

H.I ree ece ar.C rac r all le e ree a a d a er al ec ed.

3.15 Tec racralle ll re le e rea ade a e a er r ded all la re Tec racrallad ea acrra e, aalale,adaladd alrad rle aer eare red.

3.16. C rac r all a a all la aeral cl d d lacce a ce. Ma e a ce all c , ed , r , a er , eed , lc , re al dead aeral, a a la al , ree la rerrade ad r , ad r ad a l c ra a are ece ar ee la ree ecaddeae,adaealrcd.

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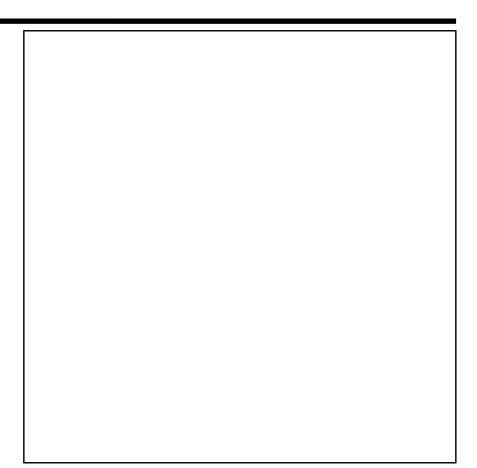
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LANDSCAPE ARCHITECTS: **CURTIS ROGERS + DESIGN STUDIO**

7520 S, RED RD., STE M SOUTH MIAMI, FLORIDA, 33143 TEL: (305) 442 1774 CIVIL ENGINEER:

SRS ENGINEERING 5001 SW 74TH 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

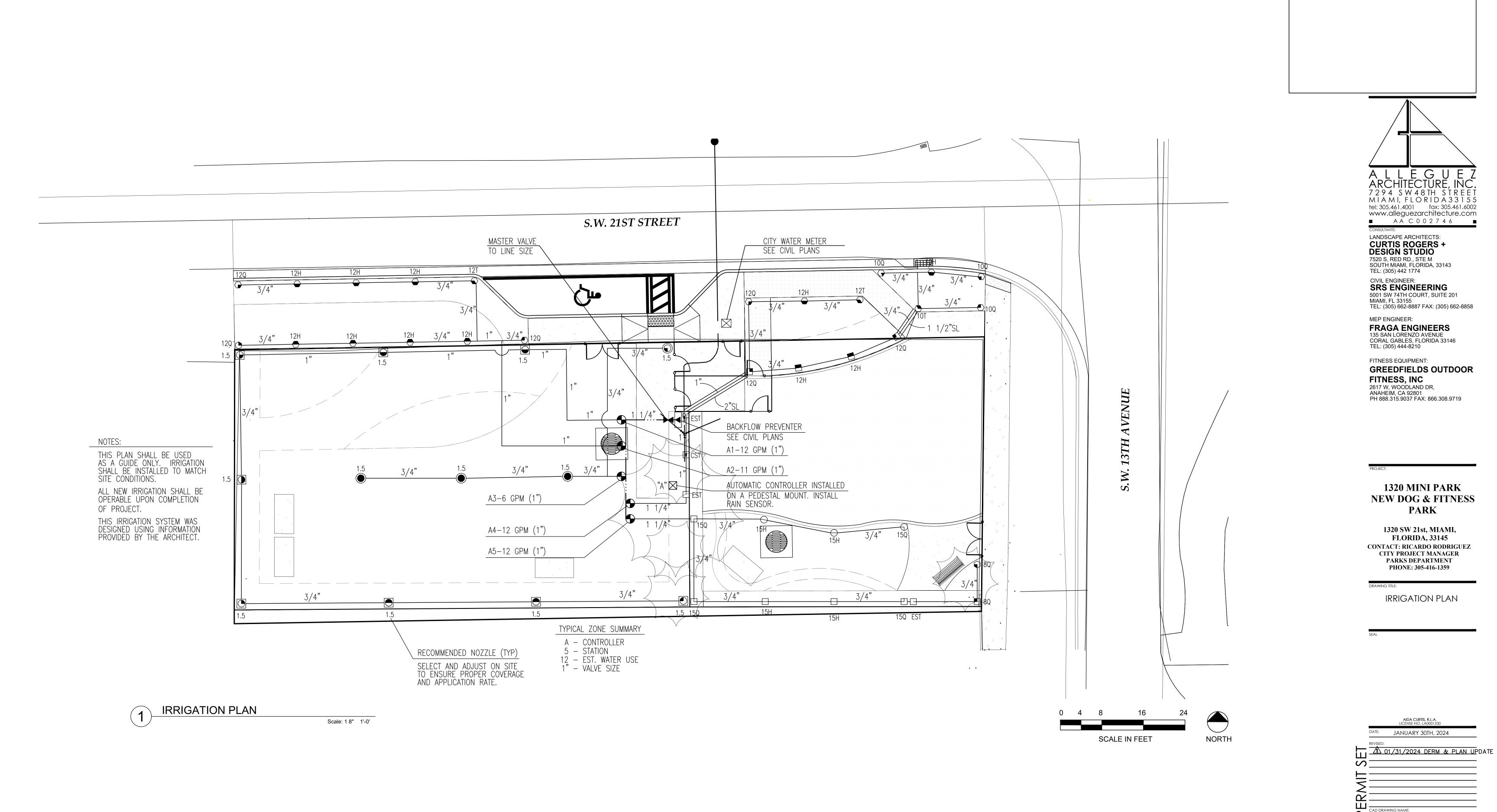
FITNESS EQUIPMENT: **GREEDFIELDS OUTDOOR** FITNESS, INC 2617 W. WOODLAND DR. ANAHEIM, CA 92801 PH 888.315.9037 FAX: 866.308.9719

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

PLANTING NOTES

	AIDA CURTIS, R.L.A. LICENSE NO. LA0001330	
	DATE: JANUARY 30TH, 2024	
	REVISED:	
Ш	<u>∕</u> <u>∆ 01/31/2024 DERM & PLAN U</u> PD	DATE
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Ш	CAD DRAWING NAME:	
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	NEW SHEET	



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IR101

NEW SHEET

LEGEND							
SYMBOL	MODEL NO.	DESCRIPTION	* EST. QUANTITY				
 8Q 12Q 12H 15Q 15H EST CST 	1806-HE-VAN-12Q 1806-HE-VAN-12H 1806-HE-VAN-15Q 1806-HE-VAN-15H 1806-HE-VAN-15EST	RAINBIRD ADJ. SHRUB SPRAY RAINBIRD ADJ. SHRUB SPRAY	01 02 02 03 02 03 01				
⊕ 15Q ⊖ 15H	1806–HE–VAN–15Q 1806–HE–VAN–15H	RAINBIRD ADJ POP–UP SPRAY (6") RAINBIRD ADJ POP–UP SPRAY (6")	01 02				
 80 100 101 101 101 120 121 12H 	1812–HE–VAN–8Q 1812–HE–VAN–10Q 1812–HE–VAN–10T 1812–HE–VAN–10H	RAINBIRD ADJ. POP-UP SPRAY (12") RAINBIRD ADJ. POP-UP SPRAY (12")	02 01 03 01 01 04 02 08				
1.5	5006-S-PC-SS-1.5	RAINBIRD POP-UP ROTOR (ON RISER)	08				
1.5	5006-PC-SS-1.5	RAINBIRD POP-UP ROTOR	01				
1.5	5006-FC-SS-1.5	RAINBIRD POP-UP ROTOR	03				
•	100-PEB	RAINBIRD 1" SOLENOID VALVE	05				
" A"	ESP-9V6	RAINBIRD AUTOMATIC CONTROLLER (INSTALLED IN A VALVE BOX)	01				
NOT SHOWN	RSD-BEx	RAINBIRD RAIN SENSOR	01				
NOT SHOWN		RAIN SENSOR STAINLESS STEEL POLE	01				
NOT SHOWN		PAIGE THHN WIREAS#12 AWG VALVE COMMON#14 AWG VALVE CONTROL	REQUIRED				
NOT SHOWN		SCH 40 GALVANIZED STEEL AS	REQUIRED				
		<u>SCH 40 PVC</u> AS	REQUIRED				
		SLEEVES					
NOT SHOWN		SHRUB RISERS PVC FITTINGS					
••••			REQUIRED				
		SDR 26, CLASS 160 PVC AS LATERALS (1" AND LARGER)	REQUIRED				
→←		MASTER VALVE (TO LINE SIZE)	01				
		CITY WATER METER 1 1/2" PVB BACKFLOW PREVENTER VALVE BOXES	SEE CIVIL SEE CIVIL 07				
□ "^"		GROUNDING LOCATION	01				
NOT SHOWN		POINT-OF-CONNECTION	01				

NOTE: ABOVE QUANTITIES ARE FOR COMPARISON ONLY. CONTRACTOR SHALL VERIFY PRIOR TO SUBMITTING BID.

ZONE SUMMARY CHART

REFER TO PLAN

50 PSI

CITY WATER METER AND

1 1/2" BACKFLOW PREVENTER

STA <u>NO.</u>	VALVE	SPRINKLER TYPE	VALVE SIZE	WATER DEMAND	RUN *TIME		/EEKLY JSAGE
1	A1	ROTOR	1"	12 GPM	90 MIN/WK		GAL/WK
2	A2	SPRAY	1"	11 GPM			GAL/WK
3	A3	ROTOR	1"	06 GPM	90 MIN/WK	540	GAL/WK
4	A4	SPRAY	1"	12 GPM	60 MIN/WK	720	GAL/WK
5	A5	SPRAY	1"	12 GPM	60 MIN/WK	720	GAL/WK
6	SPARE				—	7 700	
						3,720	GAL/WK

IRRIGATION NOTES & SPECIFICATIONS

* TO APPLY 1.5 IN/WK

AUTOMATIC IRRIGATION SYSTEM WATER DEMAND / ZONE WATER SOURCE

PRESSURE AVAILABLE

<u>GENERAL</u>

IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES. CONTRACT DRAWINGS, AND CONTRACT SPECIFICATIONS.

IRRIGATION DESIGN BASED ON "LANDSCAPE PLAN" DATED JANUARY 2024. CONTRACTOR SHALL REFER TO THIS PLAN TO COORDINATE SPRINKLER LOCATIONS AND PIPE ROUTING WITH NEW AND EXISTING PLANT LOCATIONS.

THIS IRRIGATION PLAN SHALL BE USED AS A GUIDE ONLY. CONTRACTOR SHALL INSTALL IRRIGATION TO MATCH ON SITE CONDITIONS AND TO OVERCOME THE INHERENT INACCURACIES THAT RESULT WHEN DESIGNING FROM BASE PLANS SCALED AT 1/8" = 1'-0"

THIS IRRIGATION HAS BEEN DESIGNED AS A TYPICAL BLOCK VALVE TYPE USING RAINBIRD SPRINKLERS, ROTORS, VALVES AND A BATTERY OPERATED CONTROL SYSTEM. A RAIN SENSOR SHALL BE INCLUDED TO CONSERVE WATER.

THE WATER SOURCE SHALL BE A CITY WATER METER AND 1 1/2" BACKFLOW PREVENTER (SEE CIVIL PLANS). CONTRACTOR SHALL VERIFY THAT PRESSURE IS MAINTAINED ABOVE 50 PSI WHEN THIS IRRIGATION IS PROGRAMMED TO OPERATE. CONTRACTOR IS ADVISED TO STUDY THE PLANS FOR ADDITIONAL INFORMATION AND TO VISIT THE SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS.

TO ENSURE PROPER OPERATION, PRESSURE REQUIRED, SOURCE SIZE, VALVE SIZES, ZONE CAPACITIES, SPRINKLER SPACING, PIPE AND WIRE SIZES, INSTALLATION NOTES AND DETAILS, AND SPECIFICATIONS SHALL BE FOLLOWED AS SHOWN.

PIPE ROUTING IS SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR ON SITE CONDITIONS.

PIPE SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND PIPE MANUFACTURER'S INSTRUCTIONS.

PIPE ROUTED UNDER HARDSCAPED AREAS SHALL BE SLEEVED IN SCH 40 PVC. EACH SLEEVE SHALL: (1) BE BURIED TO A MINIMUM DEPTH OF 18", (2) BE TWO PIPE SIZES LARGER THAN CARRIER PIPE, AND (3) EXTEND 3' BEYOND HARDSCAPED AREA. CONTRACTOR SHALL VERIFY THE SIZE, DEPTH, AND LOCATION OF ALL EXISTING SLEEVES.

ALL MAIN LINES AND LATERALS SIZED 3/4" SHALL BE SDR 21, CLASS 200, LATERALS SIZED 1" AND LARGER SHALL BE SDR 26, CLASS 160. PIPE SIZED TO LIMIT FLOW VELOCITIES TO 5 FEET/SECOND AND TO LIMIT FRICTION LOSS IN THE PIPING NETWORK.

PIPE SHALL BE INSTALLED AT SUFFICIENT DEPTH BELOW GROUND TO PROTECT IT FROM HAZARD SUCH AS VEHICULAR TRAFFIC OR ROUTINE OCCURRENCES WHICH OCCUR IN THE NORMAL USE AND MAINTENANCE OF THE PROPERTY. DEPTHS OF COVER SHALL MEET OR EXCEED SCS CODE 430-DD. REFER TO THE APPLICABLE DETAIL FOR ADDITIONAL INFORMATION.

BACKFILL SHALL BE OF SUITABLE MATERIAL, FREE OF ROCKS, STONES, AND OTHER DEBRIS THAT WOULD DAMAGE IRRIGATION SYSTEM COMPONENTS.

A MASTER VALVE SHALL BE INSTALLED FOR ISOLATION. THIS VALVE SHALL BE TO LINE SIZE AND INSTALLED IN A VALVE BOX. POROUS MATERIAL SHALL BE INSTALLED PER BOX TO PROMOTE DRAINAGE.

FLUSH IRRIGATION SYSTEM WITH WATER TO CLEAR LINES OF FOREIGN MATERIAL AFTER SYSTEM ASSEMBLY IS COMPLETE AND PRIOR TO INSTALLATION OF SPRINKLER HEADS. CAP AND PLUG OUTLETS AND FILL LINES WITH WATER. PRESSURIZE ASSEMBLY TO 100 PSI AND SHUT OFF PUMP. SYSTEM SHALL HOLD AT 100 PSI FOR ONE HOUR AT NO LOSS OF PRESSURE. INSTALL SPRINKLER HEADS AFTER APPROVAL OF TEST RESULTS.

<u>SPRINKLERS</u>

SPRINKLER LOCATIONS ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR LANDSCAPING, SITE LIGHTING, PREVAILING WIND, MOUNDING, ETC. TO INSURE PROPER COVERAGE WITH MINIMAL UNDESIRABLE OVERTHROW.

SPRAY HEADS SHALL BE RAINBIRD 1800 SERIES. SIX INCH POP-UP TYPE SHALL BE INSTALLED IN AREAS LANDSCAPED WITH SOD, TWELVE INCH POP-UP TYPE SHALL BE INSTALLED AT CRITICAL LOCATIONS IN AREAS LANDSCAPED WITH GROUND COVER AND LOW SHRUBS, AND SHRUB HEADS AND BUBBLERS SHALL BE INSTALLED IN AREAS LANDSCAPED WITH TALL SHRUBS AND PALMS.

POP-UP TYPE LOCATED IN SOD, MULCH, AND GROUND COVERS SHALL BE INSTALLED ON FLEXIBLE SWING JOINTS CONSISTING OF THICKWALLED POLY PIPE AND 1/2" INSERT ELBOWS.

POP-UP SPRAY TYPE LOCATED IN SHRUBS SHALL BE INSTALLED ON 1/2" SCH 40 PVC RISERS TO A HEIGHT SO SPRINKLERS ARE CONCEALED FROM VIEW EXCEPT DURING USE.

SHRUB TYPE AND BUBBLERS SHALL BE INSTALLED ON 1/2" SCH 40 PVC RISERS. SHRUB HEADS SHALL BE INSTALLED A STANDARD HEIGHT OF 6" ABOVE PLANTS AND SHALL BE INSTALLED WITHIN PLANTS TO BE CONCEALED FROM VIEW. BUBBLERS SHALL BE INSTALLED AT THE BASE OF TALL SHRUBS FOR LOW LEVEL WATERING. RISERS SHALL BE PAINTED FLAT BLACK TO BE LESS VISIBLE.

POP-UP ROTOR HEADS SHALL BE RAINBIRD 5000 SERIES WHICH SHALL BE INSTALLED ON FLEXIBLE SWING JOINTS CONSISTING OF THICKWALLED POLY PIPE

ADJUSTMENT FEATURES OF SPRINKLERS SPECIFIED SHALL BE UTILIZED TO INSURE PROPER COVERAGE WITH MINIMAL UNDESIRABLE OVERTHROW. LOW ANGLE, FLAT SPRAY, AND ADJUSTABLE ARC NOZZLES SHALL BE USED TO MINIMIZE OVERTHROW.

SPRINKLERS LOCATED ADJACENT TO HARDSCAPED AREAS SHALL BE INSTALLED AWAY FROM HARDSCAPED AREAS TO MINIMIZE OVERTHROW AND THE CHANCE OF DAMAGE BY VEHICLES, PEDESTRIANS, AND LAWN MAINTENANCE PERSONNEL AS A GENERAL RULE, 6" POP-UP SPRAY HEADS SHALL BE INSTALLED IN 4", SHRUB HEADS AND 12" POP-UP SPRAY HEADS SHALL BE INSTALLED IN 12" AND ROTOR HEADS SHALL BE INSTALLED IN 6".

CONTROL SYSTEM

AND 1/2" INSERT ELBOWS.

A ESP-9V6 SERIES, BATTERY POWERED CONTROL SYSTEM SHALL BE INSTALLED. ONE 6 STATION CONTROLLER SHALL ACTIVATE 5 IN-LINE VALVES. ONE VALVE SHALL BE CONTROLLED PER STATION EXCEPT AS NOTED. A RAIN SENSOR SHALL BE INSTALLED TO CONSERVE WATER. CONTROLLER SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES

AND MANUFACTURER'S INSTRUCTIONS. PROPER GROUNDING EQUIPMENT SHALL BE PROVIDED.

CONTROLLER LOCATION SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.

CONTROL LINES FROM AUTOMATIC CONTROLLER TO IN-LINE AUTOMATIC VALVES SHALL BE #14 AWG DIRECT BURIAL UNDERGROUND FEED TYPE WHICH SHALL BE: (1) INSTALLED IN ACCORDANCE WITH LOCAL CODES, (2) INSTALLED CLASS 200 PVC WIRE CONDUIT, (3) BURIED TO A MINIMUM DÉPTH OF 15", (4) COLOR CODED TO FACILITATE TROUBLESHOOTING, AND (5) SPLICED MOSTLY AT VALVE LOCATIONS. SPLICES SHALL BE MADE WATERPROOF USING APPROVED METHODS. SPARE WIRES SHALL BE ROUTED FROM THE CONTROLLER IN ALL DIRECTIONS TO THE FARTHEST VALVES CONTROLLED.

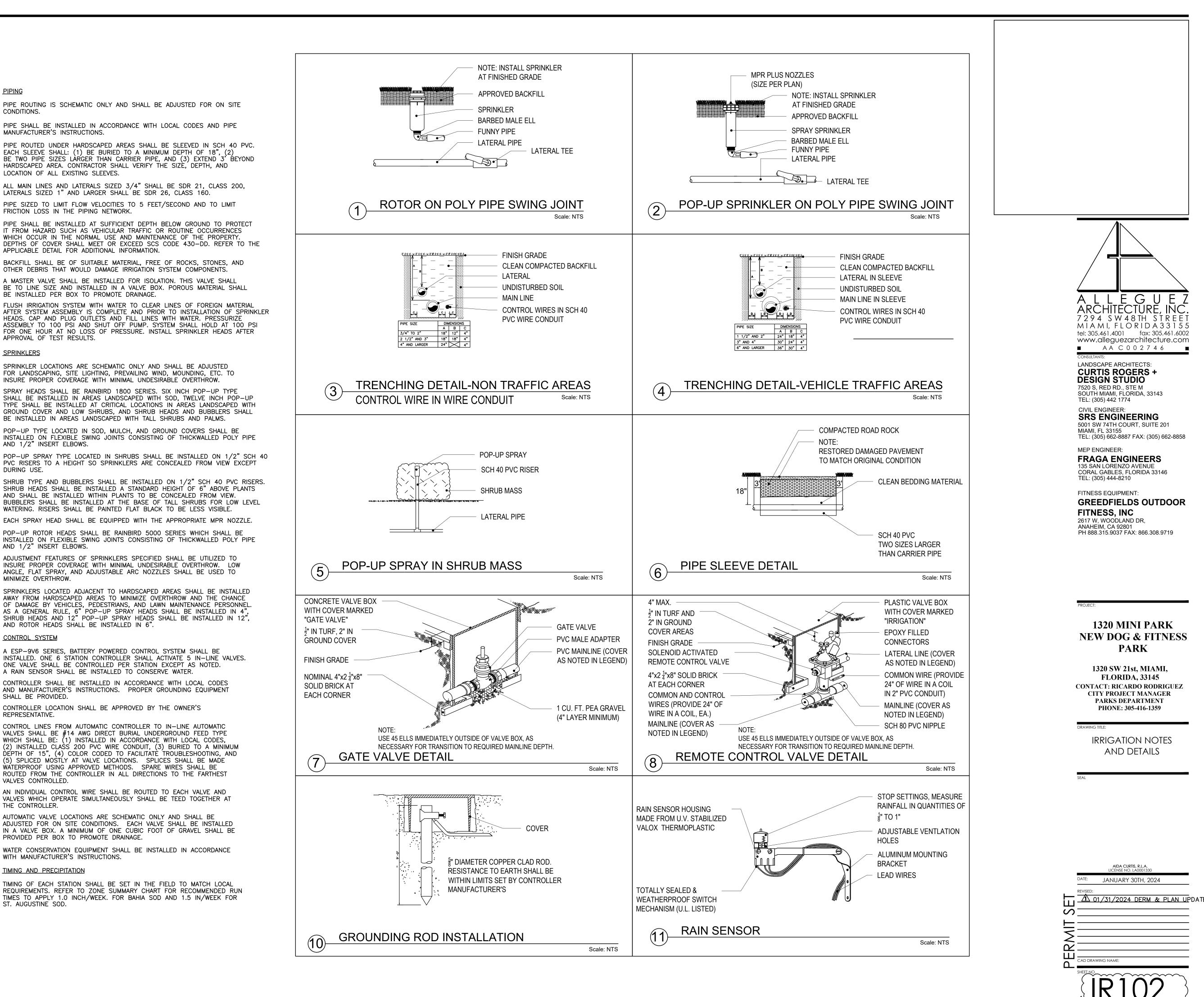
AN INDIVIDUAL CONTROL WIRE SHALL BE ROUTED TO EACH VALVE AND VALVES WHICH OPERATE SIMULTANEOUSLY SHALL BE TEED TOGETHER AT THE CONTROLLER.

AUTOMATIC VALVE LOCATIONS ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR ON SITE CONDITIONS. EACH VALVE SHALL BE INSTALLED IN A VALVE BOX. A MINIMUM OF ONE CUBIC FOOT OF GRAVEL SHALL BE PROVIDED PER BOX TO PROMOTE DRAINAGE.

WATER CONSERVATION EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

TIMING AND PRECIPITATION

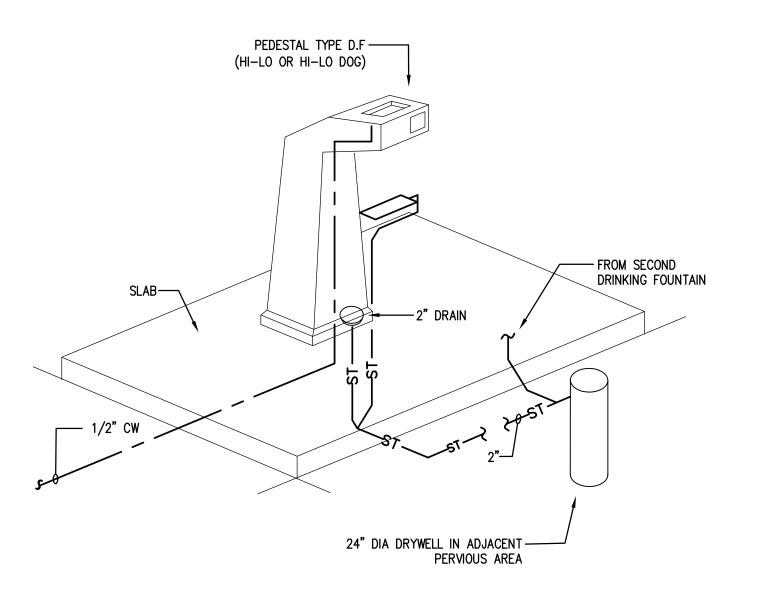
TIMING OF EACH STATION SHALL BE SET IN THE FIELD TO MATCH LOCAL REQUIREMENTS. REFER TO ZONE SUMMARY CHART FOR RECOMMENDED RUN TIMES TO APPLY 1.0 INCH/WEEK. FOR BAHIA SOD AND 1.5 IN/WEEK FOR ST. AUGUSTINE SOD.



GENERAL PLUMBING NOTES

- 1. ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE LATEST EDITION OF THE "FLORIDA BUILDING CODE - 2020 EDITION" AND ALL APPLICABLE LOCAL ORDINANCES.
- 2- DRAINAGE SYSTEM DESIGN BASED ON 1/8"/FT MINIMUM FALL, FOR PIPING 3" & LARGER, A 1/4"/FT FALL FOR PIPING 2" & SMALLER.
- 3- ALL VALVES UNDERGROUND TO BE INSTALLED IN PRECAST CONCRETE
- BOXES, BROOKS OR EQUAL.
- 4- MATERIALS SHALL BE ALL NEW AND AS FOLLOWS: A) DRAINAGE PIPING - CAST IRON
- B) WATER PIPING TYPE K COPPER (UNDERGROUND) TYPE L COPPER (ABOVE GROUND). PIPES COATED WITH ASPHALT.
- C) PLUMBING FIXTURES SEE SCHEDULE.
- D) FLOOR DRAINS, IF USED, JOSAM OR EQUAL.
- E) VALVES 125PSI NIBCO SCOTT OR EQUAL.
- F) HOSE BIBBS CHICAGO 952, OR EQUAL. FILLER (PER SPECS)
- G) ELECTRIC WATER FOUNTAN HAWS, HALSEY TAYLOR, OR EQUAL WITH BOTTLE 5- PROVIDE ALL EXCAVATION, BACKFILL AND COMPACTION REQUIRED BY ALL PLUMBING WORK.
- 6- PERFORM THE FOLLOWING TESTS:
- A) WATER PIPING SHALL BE SUBJECTED TO HYDROSTATIC PRESSURE TEST OF 100PSIG FOR A PERIOD OF TIME SUFFICIENT TO EXAMINE ENTIRE SYSTEM BUT NOT LESS THAN ONE HOUR.
- B) 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.
- C) CORRECT ALL DEFECTS DISCLOSED BY ABOVE TESTS.
- 7- 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.
- 8- COMPLETE SYSTEM, FIXTURES AND EQUIPMENT SHALL BE GIVEN AN IN-SERVICE TEST AFTER COMPLETION OF THE INSTALLATION.
- 9- 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.
- 10- WATER SUPPLIES SHALL HAVE SHUT-OFF VALVE AND AIR CHAMBER AT FIXTURE.
- 11- FURNISH AND INSTALL ALL TAILPIECES, ANGLES, AND ESCUTCHEONS FOR A COMPLETE INSTALLATION.
- 12- ALL PIPING SHALL BE CONCEALED.
- 13- CONTRACTOR SHALL MAKE ALL CONNECTIONS TO EQUIPMENT.
- 14- CONTRACTOR SHALL PATCH AND REPAIR ALL FINISHES IN ALL AREAS (INCLUDING AREAS OUTSIDE) TO MATCH EXISTING WHERE NEW WORK IS TO BE INSTALLED.

		PLUMBING LE	EGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	LEGEND, SYMBOLS AND
		GG	ARROW INDICATES DIRECTION OF		RISER ID.	SANITARY WASTE LINE
	EXISTING HOT WATER LINE (HW) EXISTING COLD WATER LINE (CW) NEW COLD WATER LINE (CW)	U WHA	AIR CHAMBER WATER HAMMER ARRESTOR	ABV. BLW	ABOVE BELOW	
CD	NEW CONDENSATE DRAIN LINE		AIR ADMITANCE VALVE (A.A.V.)	CEIL., CLG.	CEILING	GAS LINE (FUEL)
CD	EXISTING CONDENSATE DRAIN LINE	│ │ ────────── │	BALANCING VLV. W/ INDICATOR	E.W.C.	ELECTRIC WATER COOLER	HOT WATER LINE
GW	GREASE WASTE (NEW)	G€G	BALL VALVE	E.W.H.	ELECTRIC WATER HEATER	CIRCULATING HOT WATER LINE
GW	EXISTING GREASE WASTE		CHECK VALVE	FL.	FLOOR	GREASE WASTE LINE
	EXISTING HOT WATER RECIRCULATING LINE (HWR)	│⋈ │	GATE VALVE	F.U.	FIXTURE UNIT	────₩──── SITE WATER MAIN FCO ⊗───── FLUSH FLOOR CLEANOUT
	NEW HOT WATER LINE (HW)	見		R.W.L.	RAIN WATER LEADER	CO H WALL CLEANOUT
	NEW HOT WATER RECIRCULATING LINE		SOLENOID VALVE	TP	TRAP PRIMER	HOSE BIBB
	INDIRECT SAFE WASTE (IW)	│ ─── ⊠ ──── │	VALVE IN BOX	V.T.R.	VENT THRU ROOF	
	EXISTING SANITARY LINE (SAN)		GATE VALVE IN VERTICAL	VB	VACUUM BREAKER	
	NEW SANITARY WASTE LINE (SAN)	Generation	HOSE BIBB WITH VACUUM BREAKER	WM	WASHING MACHINE	ELBOW DOWN ELBOW UP
	EXISTING VENT LINE (V)	G G	UNION	WH	WATER HEATER	TEE DOWN
	SANITARY VENT LINE (V)		FLOOR DRAIN W/	F.D.V.	FIRE DEPARTMENT VALVE	TEE UP
SD	EXISTING STORM DRAIN LINE		TRAP RESEAL	WHA	WATER HAMMER ARRESTOR	-CHECK VALVE
SD	NEW STORM DRAIN LINE	€ ⊂	FLOOR DRAIN	ESOD	EMERGENCY OVERFLOW	₩ AIR CHAMBER
——— F ———	FIRE LINE	RD	ROOF DRAIN	SK	SINK	NOTE:
SP	SPRINKLER LINE	FCO	FLOOR CLEAN OUT	SS	SERVICE SINK OR MOP SINK	NOT ALL SYMBOLS & ABBREVIATIONS
6	FLOW SWITCH	—— wсо	WALL CLEAN OUT	WS	WASTE STACK	ARE USED.
X	TAMPER SWITCH	— — ا	"P" TRAP	OD	OVERFLOW DRAIN	
<i>'→/→/→/</i> ,	LINE TO BE DEMOLISHED / REMOVED	•	CONNECT TO EXISTING			
0F	OVERFLOW STORM DRAIN	\mathbf{N}	END OF DEMOLITION	SF	SQUARE FEET	
0i				IW	INDIRECT WASTE	



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

4" THICK CONCRETE COVER W/CAST IN STEEL HANDLE ——

WATER HAMMER ARRESTOR SIZING CHART								
LENGTH	ZURN SHOKTROL WATER HAMMER ARRESTORS, Z-1700 SERIES							
OF PIPE			NOMINAL P	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 #600	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	В	С	D	E	F		
FIXTURE UNITS	1–11	12-32	33–60	61–113	114—154	155–330		

Έ	MARKER FIN. GRAD	θE
	my bu my my my my	
2"		12" DIA. X 24" REINFORCED CONCRETE PIPE
		CONCRETE FIFE
4"		✓2" CONDENSATE DRAIN PIPE
2"		
)"	⊂°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	-CLEAN LOOSE
		-CLEAN LOOSE PEA ROCK
	DRY WELL DETAIL	
	NOT TO SCALE	

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				

ABBREVIATIONS

	A/C	AIR CONDITIONING	HS	HAND
	AD	AREA DRAIN	HOR	HORIZ
	AFC	ABOVE FINISHED CEILING	HP	HORSE
	AHU	AIR HANDLING UNIT	HTG	HEATI
I	BLDG	BUILDING	HW	HOT V
ł	BS	BAR SINK	INV	INVER [®]
(СВ	CATCH BASIN	KS	KITCHE
(CD	A/C CONDENSATE DRAIN	KW	KILOW
	CF	CUBIC FEET	LAV	LAVAT
(CLG	CEILING	MH	MANH
0	CO	CLEANOUT	NIC	NOT I
(СОМВ	COMBINATION	PSI	POUNE
(CONN	CONNECTION	P&T	PRESS
(CW	COLD WATER	RD	ROOF
I	DF	DRINKING FOUNTAIN	RWL	RAIN
I	DW	DISHWASHER	SS	SERVIO
I	DWG	DRAWING	ST	STORM
I	ELEV	ELEVATION	SW	SAFEW
I	EWC	ELECTRIC WATER COOLER	SWR	SHOWE
I	EWH	ELECTRIC WATER HEATER	TDH	TOTAL
I	FCO	FLUSH FLOOR CLEANOUT	TUB	TUB V
I	FCU	FAN COIL UNIT	UG	UNDEF
I	FE	FIRE EXTINGUISHER	UR	URINA
I	FD	FLOOR DRAIN	۷	VENT
ł	FT.W	FEET OF WATER (PRESS)	VS	VENT
ł	FS	FLOOR SINK	VTR	VENT
ł	FU	FIXTURE UNITS	W/	WITH
(G	GAS	WC	WATER
(GD	GARBAGE DISPOSAL	WM	WASHI
(GPM	GALLONS PER MINUTE	WS	WASTE
(GV	GATE VALVE	SF	SQUAF
I	HB	HOSE BIBB	WVS	WATEF
			WHA	WATER

SINK IZONTAL SEPOWER TING WATER CHEN SINK WATTS ATORY HOLE IN CONTRACT JND PER SQ. INCH SSURE & TEMPERATURE DRAIN WATER LEADER VICE SINK RM WATER EWASTE WER L DYNAMIC HEAD WITH SHOWER ERGROUND STACK THRU ROOF ER CLOSET HING MACHINE TE STACK ARE FEET ER & VENT STACK TER HAMMER ARRESTOR

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.

- 2. 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.
- 3. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING HIS DEMOLITION WORK WITH OTHER TRADES, AND TO PROTECT FROM DAMAGE EXISTING PIPES USED FOR FUTURE CONNECTIONS.
- 4. 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.
- 5. EXISTING PIPES SERVING AREAS REMAINING IN SERVICE AT THIS TIME SHALL NOT BE INTERRUPTED UNLESS IS A TEMPORARY INTERRUPTION COORDINATED WITH THE OWNER.
- 6 PLUMBING CONTRACTOR SHALL PAY ALL FEES, INSPECTION AND CONNECTION CHARGES REQUIRED INCLUDING UTILITY FEES.

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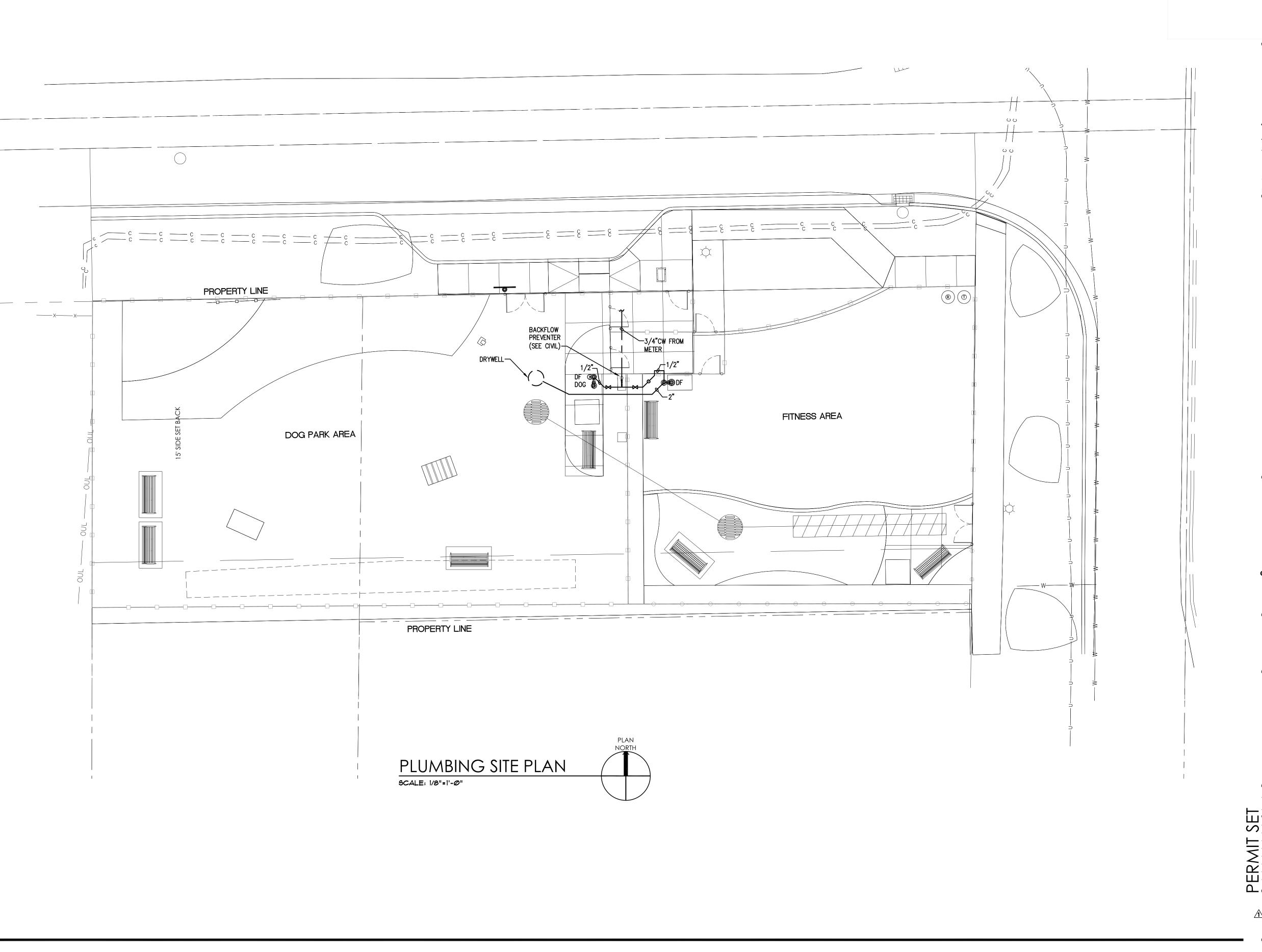
1320 MINI PARK NEW DOG & FITNESS PARK

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

PLUMBING NOTES, LEGENDS, & SCHEDULES

DRAWING TITLE:

	RENE F. FRAGA LICENSE NO. 19922
	DATE: DECEMBER 15th, 2023 REVISED:
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TYPE	DESCRIPTION	MOUNTING	LAMP	MANUFACTURER	CATALOG. NO.	REMARKS
А	AREA LIGHTING	20' POLE	124W LED	COOPER LIGHTING	GAN-SA3B-740-U-T4W	5° TILT
В	AREA LIGHTING	20' POLE	124W LED	COOPER LIGHTING	GAN-SA3B-740-U-T4W	
С	AREA LIGHTING	20' POLE	124W LED	COOPER LIGHTING	GAN-SA3B-740-U-T4W	10" TILT

ELECTRICAL NOTES:

- 1. 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.
- 3. VISIT PROJECT SITE FOR FAMILIARIZATION AND VERIFY EXACT LOCATION OF POWER AND TELEPHONE SERVICES WITH UTILITY COMPANY REPRESENTATIVES. NOTIFY ENGINEER OF ANY CONFLICTS.
- 4. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER TRADES AS WELL AS PROVIDING TEMPORARY POWER AT PROJECT SITE FOR ALL TRADES.
- 5. 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.
- 6. 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 WIRE, 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.
- 7. PROVIDE NO. 16 AWG PULL WIRES IN ALL EMPTY CONDUITS FOR FUTURE USE.
- 8. 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.
- 9. 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.
- 10. 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.
- 11. ALL BALLASTS SHALL BE INDIVIDUALLY FUSED.

	SYMBOL LEGEND						
X	NEW POST-TOP LUMNINAIRE	☐ 3 <u>60</u> 600	SAFETY SWITCH: "3" = NO. OF POLES, "60" = SWITCH SIZE, "50" = FUSE SIZE, "NF = NO FUSE, "600" = VOLTAGE IF OTHER THAN 250 VOLT	AFF	INDICATES ABOVE FINISHED FLOOR		
•	LED FIXTURE	Q	CEILING-MOUNTED JUNCTION BOX	E.C.	INDICATES EMPTY CONDUIT		
SWP	SINGLE-POLE TOGGLE SWITCH; "WP" INDICATES WEATHER-RESISTANT	0H	WALL-MOUNTED JUNCTION BOX	GFI	INDICATES GROUND FAULT INTERRUPTO		
$\langle A \rangle$	LIGHTING FIXTURE TYPE.	=	DUPLEX RECEPTACLE WALL MOUNTED; NEMA #5-20R U.O.N., +18"AFF	_	JUNCTION BOX, WALL.		
∠ > ∠ _{A−1,3,5}	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	Q	JUNCTION BOX, CEILING.		
	CONDUIT RUN CONCEALED IN CEILING OR WALLS	$- \Theta$	SINGLE RECEPTACLE; NEMA CONFIG. #5-20R, +18 AFF	o	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.		
—Е —	EXISTING CONDUIT RUN		LIGHTING PANELBOARD, 120/208 VOLT, 3-PHASE, 4-WIRE		HOMERUN TO PANEL.		
— I —	GROUNDING CONDUCTOR		LIGHTING PANLEBOARD, 277/480 VOLT, 3-PHASE, 4-WIRE		FLEXIBLE CONNECTION TO EQUIPMENT.		
———————————————————————————————————————	CONDUIT END. CAPPED OR BUSHED AS REQUIRED	KXXX	DISTRIBUTION PANEL, 277/480 VOLT, 3-PHASE, 4-WIRE	/	ELECTRIC MOTOR CONNECTION.		
MM	FLEXIBLE CONDUIT CONNECTION, LIQUID-TIGHT CONDUIT IN WET	Т	TRANSFORMER. SIZE AS NOTED		CCTV SECURITY CAMERA		



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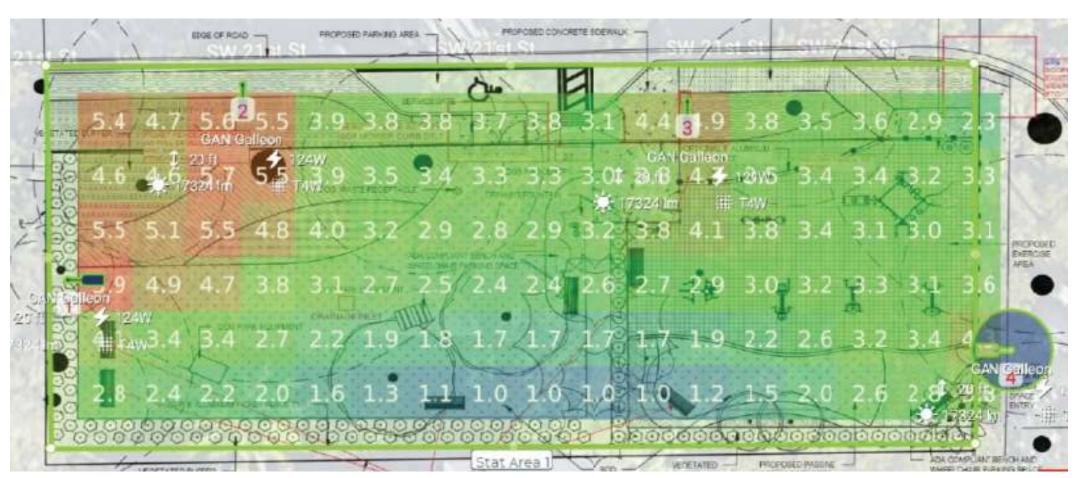
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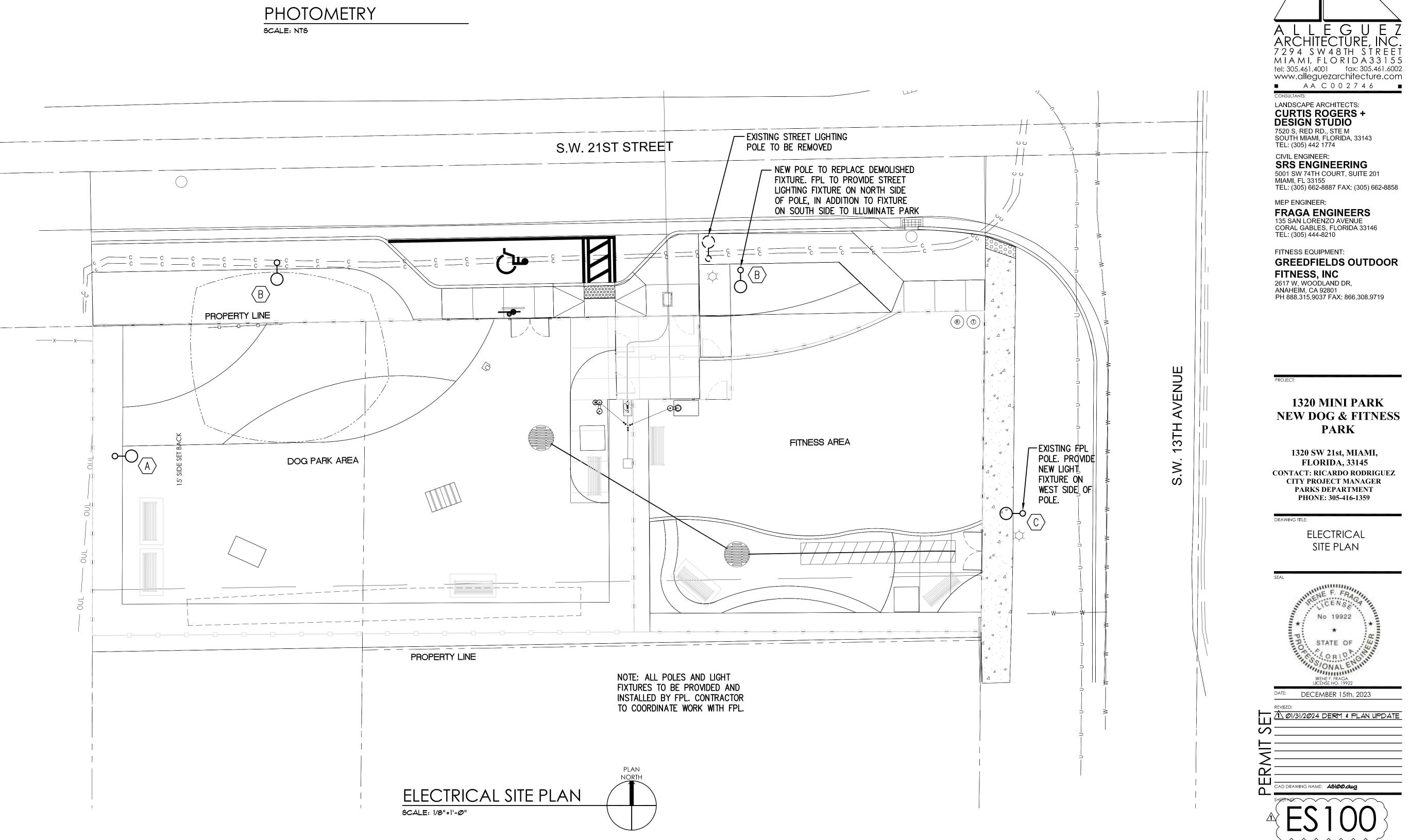
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ELECTRICAL NOTES, LEGENDS, & SCHEDULES

DRAWING TITLE:





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