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By puglias at 12:19 pm, Feb 25, 2026

GENERAL NOTES:

1. EXISTING TOPOGRAPHIC AND TREE LOCATION INFORMATION HAS BEEN OBTAINED FROM THE SURVEY PREPARED BY: ROYAL POINT LAND SURVEYORS, INC. ON 07/31/2025.
2. ALL ELEVATIONS REFER TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD–'29).
3. IN ACCORDANCE WITH THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL No. 120041, MAP No. 0279, SUFFIX L, THIS PROJECT IS LOCATED IN FLOOD ZONE "X"
4. ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED HAVE TO BE PROPERLY REFERENCED BY A PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THAT SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR OF REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO THE ENGINEER A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
5. ALL N.G.V.D. BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED AND REFERENCED BY THE CONTRACTOR IN THE SAME WAY AS PUBLIC LAND CORNERS EXCEPT THAT THE LAND SURVEYOR SHALL NOT BE REQUIRED TO RESTORE THE N.G.V.D. BENCH MARK UPON COMPLETION OF THE WORK. THE CONTRACTOR SHALL PROMPTLY TRANSMIT ALL DISPLACED OR DAMAGED N.G.V.D. DISCS TO THE ENGINEER, WHO WILL NOTIFY THE GEODETIC INFORMATION CENTER.
6. ALL REFERENCE POINTS AND BENCH MARKS AS INDICATED ON THE ATTACHED PLANS SHALL BE PRESERVED BY THE CONTRACTOR. PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL REESTABLISH AND MARK THOSE CONTROL POINTS IN A PERMANENT MANNER ON THE SURFACE OF THE COMPLETED WORK. ALL CONTROL POINTS REESTABLISHED AND MARKED SHALL BE CERTIFIED, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR IN A F.D.O.T. FIELD BOOK AND RETURNED TO THE ENGINEER.
7. PERMANENT TURNOUTS AND DRIVEWAYS CONNECTIONS TO PRIVATE PROPERTY THAT LIE OUTSIDE THE LIMITS OF RIGHT–OF–WAY AND WHERE ACCESS RIGHTS HAVE NOT BEEN ACQUIRED SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TURNOUT DETAILS AND STANDARD SPECIFICATIONS FOR THESE PLANS. THE CONTRACTOR SHALL NOT ISOLATE ADJACENT AND/OR THE REMAINDER OF THE PROPERTY UNLESS ACCESS RIGHTS ARE ACQUIRED. ACCESS SHALL BE PROVIDED TO SUCH PROPERTY WHENEVER CONSTRUCTION INTERFERES WITH THE EXISTING MEANS OF ACCESS.
8. 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.
9. THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION, ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ARCHITECT/ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
10. UNDERGROUND UTILITY INFORMATION SHOWN HEREON WAS TAKEN FROM "AS–BUILT" DATA PROVIDED BY THE VARIOUS UTILITY COMPANIES AND SUPPLEMENTED BY FIELD MEASUREMENTS WHEN OBTAINABLE.
11. UTILITIES NEEDED TO BE ADJUSTED WILL BE ADJUSTED BY OTHERS. CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING THESE ADJUSTMENTS WITH THE UTILITY COMPANY.
12. THE CONTRACTOR SHALL REQUEST THE LOCATION OF ANY WATER, SEWER OR GAS LATERALS NOT SHOWN IN THE PLANS SERVICING PROPERTIES ADJACENT TO THE PROJECT BEFORE EXCAVATING, THE ADDITIONAL COST OF EXCAVATING AROUND THE LATERALS SERVICING SAID PROPERTIES SHALL BE INCLUDED IN HIS BID.
13. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING, SPECIALLY IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
14. ANY WATER AND SEWER LINES TO BE ADJUSTED SHALL BE APPROVED BY THE MIAMI–DADE COUNTY DEPARTMENT OF WATER AND SEWER.
15. ALL EXISTING ROCK BASE MATERIAL WHICH IS REMOVED IS TO BE INCORPORATED IN THE STABILIZED PORTION OF THE SUBGRADE, AS DIRECTED BY THE ENGINEER.
16. NONE OF THE EXISTING ROCK BASE THAT IS REMOVED IS TO BE INCORPORATED INTO THE PROPOSED LIMEROCK BASE
17. STABILIZE ALL TURNOUTS AND INTERSECTIONS TO COUNTY ROADS TO A DEPTH OF 12" (MINIMUM C.B.R. 30) AND 12" OUTSIDE EDGE OF PAVEMENT (6" BACK OF CURB).
18. EXTEND LIMEROCK BASE 8" THICK, 6" OUTSIDE EDGES OF PAVEMENT AT ALL CONNECTIONS AND INTERSECTIONS TO COUNTY ROADS AND STREETS.
19. ALL DISPOSAL OF EXCESS AND UNSUITABLE EXCAVATED MATERIAL, DEMOLITION, VEGETATION, RUBBISH AND DEBRIS SHALL BE MADE OUTSIDE THE LIMITS OF CONTRUCTION AT A LEGAL DISPOSAL SITE PROVIDED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE, WITH THE PRIOR APPROVAL OF THE ENGINEER. MATERIAL CLEARED FROM THE SITE SHALL NOT BE DEPOSITED ON ADJACENT AND/OR NEARBY PROPERTY.
20. ALL EXCESS MATERIALS AS DESIGNATED BY THE ENGINEER ARE TO BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY HIM AND AT THE CONTRACTOR'S EXPENSE.
21. ALL DRAINAGE CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF MIAMI–DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER).
22. CONTRACTOR IS TO PREVENT INTRODUCTION OF DEBRIS OR DIRT INTO NEW STORM DRAINAGE SYSTEM AS A RESULT OF CONSTRUCTION ACTIVITIES. ALL LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
23. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RESODDED.
24. ALL UNSUITABLE MATERIAL UNDER THE NEW PAVEMENT SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIALS BEFORE PROCEEDING WITH CONSTRUCTION.
25. ALL MUCK AND ORGANIC MATERIALS FOUND WITHIN THE CONSTRUCTION AREA SHALL BE REMOVED AND REPLACED WITH CLEAN FILL MATERIAL IN 12 INCH LIFTS COMPACTED TO NOT LESS THAN 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE IN ACCORDANCE WITH AASHTO T–180.
26. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF THE SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, EITHER PUBLIC OR PRIVATE, DURING EXCAVATION OF SUBSOIL MATERIAL AND EXFILTRATION TRENCH OR DURING THE FILING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, THE ONLY EXCEPTION WILL BE THE PROTECTION OF UTILITIES. ALL UTILITIES SHALL BE MAINTAINED BY THE OWNER OF THE UTILITY.
27. ANY FENCING DAMAGED BY CONTRACTOR AT ANY TIME DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ORIGINAL CONDITION.
28. EXISTING CHAIN LINK FENCE, CONCRETE WALL AND METAL FENCE WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED UNLESS OTHERWISE INDICATED.
29. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER OR THE MIAMI–DADE COUNTY.
30. EXISTING DRAINAGE STRUCTURES AND STORM SEWER LINE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.
31. CONTRACTOR SHALL ADJUST ALL EXISTING VALVES BOXES, CATCH BASINS GRATES, MANHOLES COVERS, ETC. TO MEET NEW GRADES WHERE APPLICABLE.
32. ALL VALVES, A.R.V.'S, AND MANHOLES TO BE RAISED AND ADJUSTED TO PROPOSED ROADWAY ELEVATION.
33. SODDING TO BE USED AT LOCATIONS WHERE EXISTING LAWNS ARE DISTURBED OR AS DIRECTED BY THE ENGINEER.
34. PROPOSED ELEVATIONS SHOWN AT DRAINAGE STRUCTURES REFER TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
35. GRADES SHOWN ARE "FINISHED" GRADES.
36. ALL TREES NOT AFFECTED BY GRADING OPERATIONS ARE TO REMAIN, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. CONTRACTOR MUST TAKE CARE NOT TO DAMAGE ANY TREE OR PALM THAT IS TO REMAIN WITHIN CONTRUCTION AREA. SMALL TREES OR PALMS MAY BE RELOCATED AS DIRECTED BY THE MIAMI–DADE COUNTY.
37. PRIOR TO REMOVAL AND/OR RELOCATION OF EXISTING TREES, IF REQUIRED, THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE COUNTY AS WELL AS R.E.R. OTHERWISE CONTRACTOR SHALL PROTECT EXISTING TREES WHERE APPLICABLE WITHIN THE LIMITS OF CONSTRUCTION
38. WHERE NEW PAVEMENT MEETS EXISTING CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT. SAW CUT AT EXISTING PAVEMENT JOINT MATCHING TO NEW PAVEMENT.
39. PROVIDE A SMOOTH TRANSITION WHERE NEW PAVEMENT, SIDEWALK, OR CURB MEETS EXISTING GRASS AREAS.
40. RADII ON CURB RETURNS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
41. ALL LANDSCAPE AND PERVIOUS AREAS WITHIN THE SITE BOUNDARY SHALL HAVE AN ORANGE (HIGH VISIBILITY) NONWOVEN GEOTEXTILE MATERIAL (MIRAFI 140NL) OR APPROVED EQUIVALENT INSTALLED 1 FOOT BELOW THE FINISHED GRADE. ALL FILL MATERIAL PLACED ABOVE THE GEOTEXTILE SHALL BE COMPACTED SUITABLE CLEAN FILL MATERIAL. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING TO AVOID CONTAMINATING THE CLEAN FILL WITH ANY OF THE EXISTING CONSTRUCTION AND DEMOLITION MATERIAL ONSITE. FOR ADDITIONAL INFORMATION REGARDING THE INSPECTION AND MAINTENANCE OF THE ENGINEERING CONROL METHODS MENTIONED ABOVE PLEASE REFERENCE COUNTYLINE CORPORATE PARK – PHASE 1, ENGINEERING CONTROL PLAN AND OPERATIONS AND MAINTENANCE PLAN, DATED APRIL 2017 AND REVISED THROUGH SEPTEMBER 2017, PREPARED BY SCS ENGINEERS.
    TOPSOIL USED FOR LANDSCAPE BERMS, COMMON AREAS, OR OTHER LANDSCAPE AREAS THAT DO NOT REQUIRE STRUCTURAL FILL SHALL MEET THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 162.
42. FIRE RISER DRAIN PIPING, CONDENSATE DRAIN PIPING AND FITTINGS SHALL CONFORM TO FLORIDA BUILDING CODE, SECTION 307.2.2.
43. WATER DISTRIBUTION, SANITARY SEWER COLLECTION SYSTEM:
    A. GENERAL:
    1. ALL MATERIALS AND LABOR UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI–DADE COUNTY WATER AND SEWER AUTHORITY DEPARTMENT (WASD) AND SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AVAILABLE AND ON FILE WITH THE DEPARTMENT. ALL LATERIALS, INSTALLATION AND TESTING UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE COUNTY OD MIAMI–DADE WATER AND SEWER DEPARTMENT AND SHALL CONFORM TO THE MOST CURRENT STANDARDS AND SPECIFICATIONS
    2. ANY EXISTING PUBLIC WATER SERVICE WITHIN THE PROPERTY IN CONFLICT WITH THE PROPOSED DEVELOPMENT MUST BE REMOVED AFTER ANY ASSOCIATED EASEMENT IS CLOSED AND RELEASED AS APPLICABLE.
    3. THE ENTIRE LENGTH OF WATER MAINS SHALL BE PROVIDED WITH MECHANICAL PIPE RESTRAINTS AT ALL JOINTS.
    4. MANHOLE RIM ELEVATIONS AS SHOWN ON PLANS SHALL BE ADJUSTED TO CONFORM TO NEW OR EXISTING GRADES. DISTANCES AND LENGTHS SHOWN ON PLANS AND PROFILE DRAWINGS ARE REFERENCED TO THE CENTER OF STRUCTURES.
    5. ANY EXISTING PUBLIC SEWER SERVICE WITHIN THE PROPERTY IN CONFLICT WITH THE PROPOSED DEVELOPMENT MUST BE REMOVED AFTER ANY ASSOCIATED EASEMENT IS CLOSED AND RELEASED AS APPLICABLE.

    B. MATERIALS INSTALLATION AND TESTING:
    1. FOLLOW COHWASD SPECIFICATIONS FOR WATER MAINS
    2. IN ADDITION SEE NOTES ON DETAIL SHEETS.
44. EARTHWORK AND COMPACTION
    1. THIS PROJECT IS LOCATED ON LANDS OF A PRIOR LANDFILL. CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL WITHIN ALL UTILITY TRENCH LOCATIONS AND BACKFILL WITH APPROPRIATE COMPACTED CLEAN FILL MATERIAL

GENERAL SAFETY NOTES:

1 ALL SAFETY REGULATIONS ARE TO BE ENFORCED BY THE CONTRACTOR DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND THE SAFETY OF THE TRAVELING PUBLIC AND SAFETY OF HIS PERSONNEL.

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

3 THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS; SHALL BE FOLLOWED IN THE DESIGN APPLICATION, INSTALLATION, MAINTENANCE, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNINGS DEVICES, AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.

4 ALL TRAFFIC CONTROL MARKING AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY U,S DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

5 LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER AND THE FLORIDA DEPARTMENT OF TRANSPORTATION REGULATIONS.

6 IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE CITY OF HIALEAH OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.

ENVIRONMENTAL NOTES:

1 CONTRACTOR SHALL KEEP NEW AND EXISTING INLETS CLEAN OF MILLING MATERIAL AND DEBRIS. INLETS LOCATED NEAR CONSTRUCTION ACTIVITIES SHOULD BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.

2 THE DEPARTMENT RECOMMENDS ADHERING WITH A.D.A. STANDARDS AND REQUIREMENTS FOR THE SIZE OF WARNING SURFACES. PLEASE VERIFY THAT THE PROPOSED WARNING SURFACES ARE THE CORRECT SIZE.

3 NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT SHOULD OCCUR WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN.

4 THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION AND TURBIDITY BARRIERS PRIOR TO AND DURING CONSTRUCTION TO PREVENT VIOLATION OF STATE WATER QUALITY STANDARDS FOR OFF–SITE DISCHARGES (29 NTU ABOVE BACKGROUND FOR TURBIDITY) THESE BARRIERS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED, SOILS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED. REFERENCE FLORIDA DEPT. OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS INDICES 102 AND 103 AND TYPICAL INSTALLATION DETAILS.

Alejandro Bosch

Digitally signed by Alejandro Bosch
Date: 2026.02.12 07:41:41 -05'00'

This item has been digitally signed and sealed by ALEJANDRO BOSCH, P.E. on the date adjacent to the seal.
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ALEJANDRO BOSCH
LICENSE
No 87326
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

2/11/2026

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PROJECT NAME
DORAL SOCCER FIELD
8234 NW 56TH STREET,
DORAL, FL

SHEET TITLE
GENERAL NOTES AND SPECIFICATIONS

B.E.S PROJ. No.: ______
DATE: MARCH, 2025
DRAWN BY: ______
DESIGNED BY: ______
CHECKED BY: ______

REVISIONS

date	description	no.

SHEET
C-1

LOCATED IN: J:\.shortcut-targets-by-id\1MMAg83OR4z_nOodmZsfixtcKrRlInl-X\SHARED BC PROJECTS\2025\2538- Doral Soccer Field\CAD\C-1 - GENERAL NOTES - DORAL SOCCER FIELD.dwg & PRINTED ON: Wednesday, February 11, 2026, 6:29:40 PM

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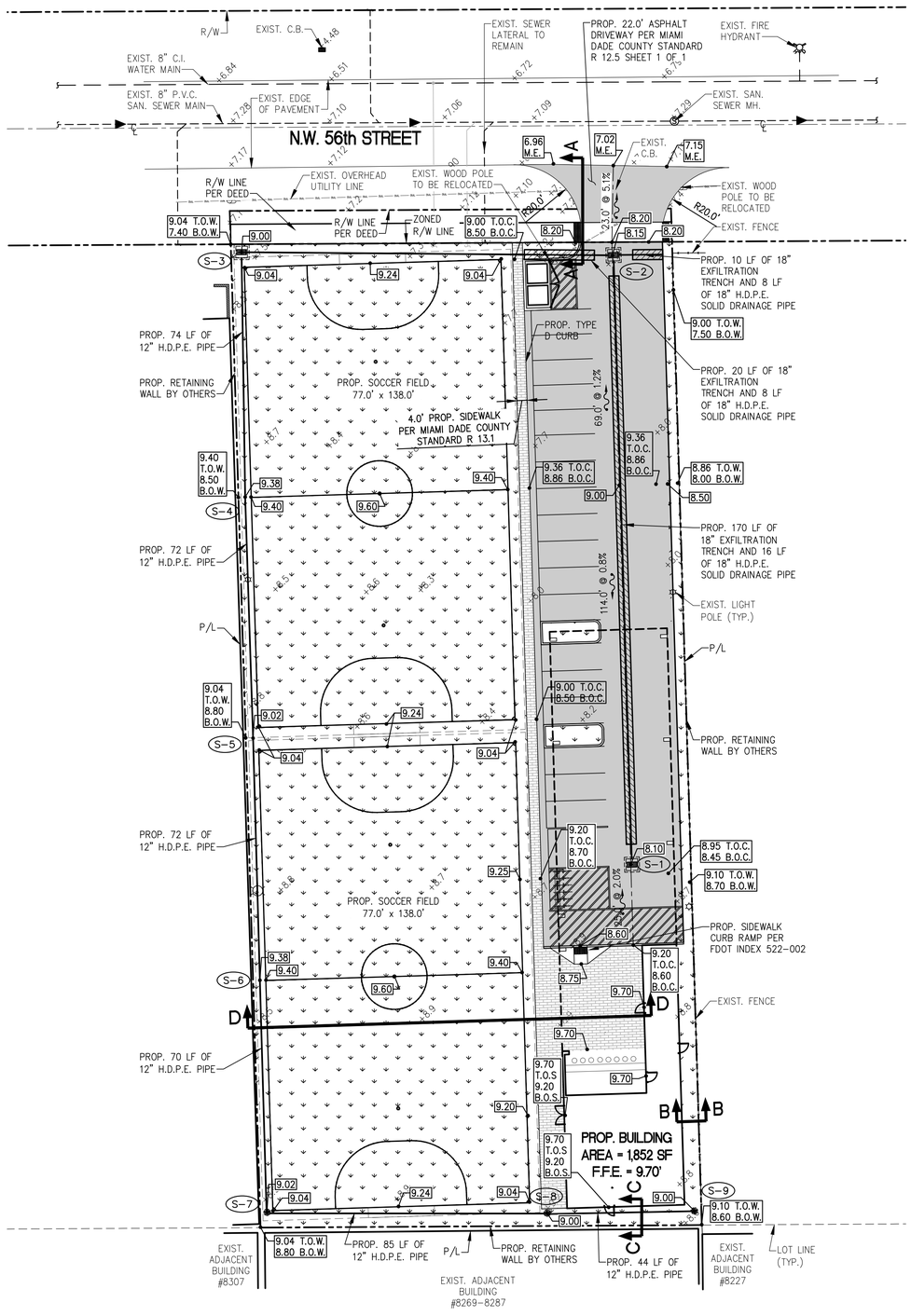
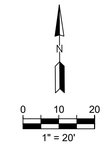




LEGEND:

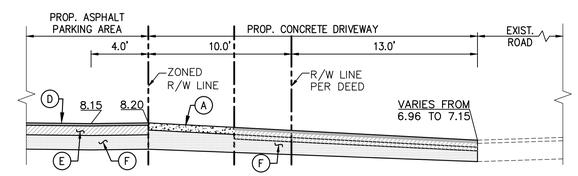
- PROPOSED ASPHALT PAVEMENT AREA
- PROPOSED CONCRETE AREA
- PROPOSED GREEN AREA
- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED RUNOFF FLOW
- STRUCTURE NUMBER

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE No.	STRUCTURE TYPE	RIM ELEVATION	BOTTOM ELEVATION	PIPE INVERT ELEVATION	BAFFLES REQUIRED
S-1	PRECAST CATCH BASIN D-3	8.10	1.10	4.60 ø18" (N)	N
S-2	PRECAST CATCH BASIN D-3	8.15	1.15	4.65 ø18" (S, E & W)	S, E & W
S-3	PRECAST CATCH BASIN D-3	9.00	4.50	5.50 ø18" (E) 5.70 ø12" (S)	–
S-4	NYLOPLAST 12" DRAINAGE BASIN	9.38	4.75	5.75 ø12" (N & S)	–
S-5	NYLOPLAST 12" DRAINAGE BASIN	9.02	4.80	5.80 ø12" (N & S)	–
S-6	NYLOPLAST 12" DRAINAGE BASIN	9.38	4.85	5.85 ø12" (N & S)	–
S-7	NYLOPLAST 12" DRAINAGE BASIN	9.02	4.90	5.90 ø12" (N & E)	–
S-8	NYLOPLAST 12" DRAINAGE BASIN	9.00	4.95	5.95 ø12" (W & E)	–
S-9	NYLOPLAST 12" DRAINAGE BASIN	9.00	5.00	6.00 ø12" (W)	–

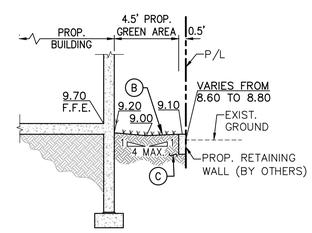
SECTIONS LEGEND:

- (A) 6" 3,000 PSI CONCRETE WITH FIBER MESH CONCRETE.
- (B) SOD
- (C) COMPACTED FILL
- (D) 1.5" TYPE S-1 ASPHALT PAVEMENT
- (E) 8" LIMEROCK BASE COURSE COMPACTED TO MIN. 98% (MODIFIED PROCTOR) MIN. LBR=100 PER AASHTO T-180
- (F) 12" STABILIZED SUBBASE, COMPACTED TO MIN. 98%, MIN. LBR=40, PER AASHTO T-180.



TYPICAL SECTION "A-A"

SCALE: N.T.S.



TYPICAL SECTION "B-B"

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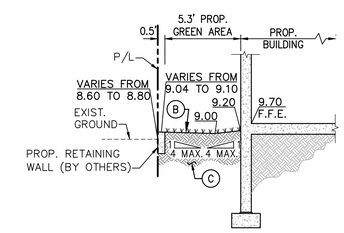

TYPICAL SECTION "C-C"

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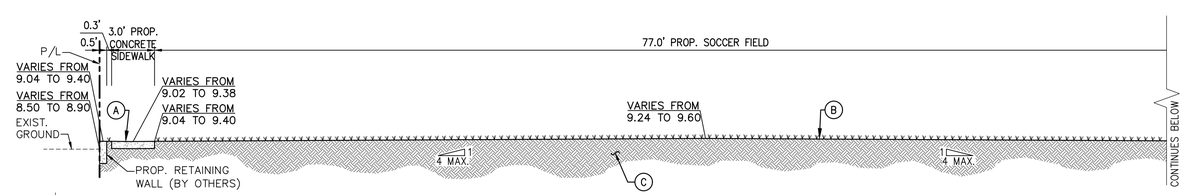

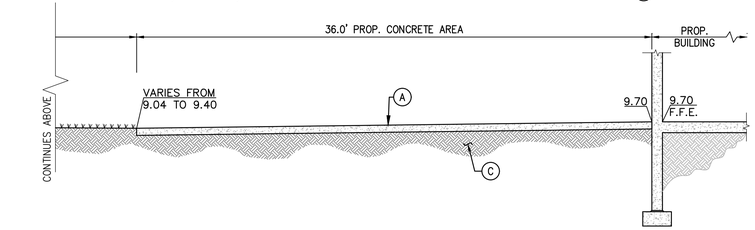

TYPICAL SECTION "D-D"

SCALE: N.T.S.

This item has been digitally signed and sealed by ALEJANDRO BOSCH, P.E. on the date adjacent to the seal.

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ALEJANDRO BOSCH LICENSE No 87326 STATE OF FLORIDA PROFESSIONAL ENGINEER

2/11/2026

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PROJECT NAME

DORAL SOCCER FIELD
8234 NW 56TH STREET,
DORAL, FL

SHEET TITLE

PAVING, GRADING AND DRAINAGE PLAN AND TYPICAL SECTIONS

B.E.S PROJ. No.:

DATE: MARCH, 2025

DRAWN BY:

DESIGNED BY:

CHECKED BY:

REVISIONS

date	description	no.

SHEET

C-2

LOCATED IN: a:\shortcut-targets-by-id\1MMAq83QR4q-nOdsmZsfxIcxRlIm-A\SHARED BE PROJECTS\2025\2538- Doral Soccer Field\CAD\C-2 - PGD & SECTIONS - DORAL SOCCER FIELD.dwg & PRINTED ON: Wednesday, February 11, 2026, 6:29:16 PM

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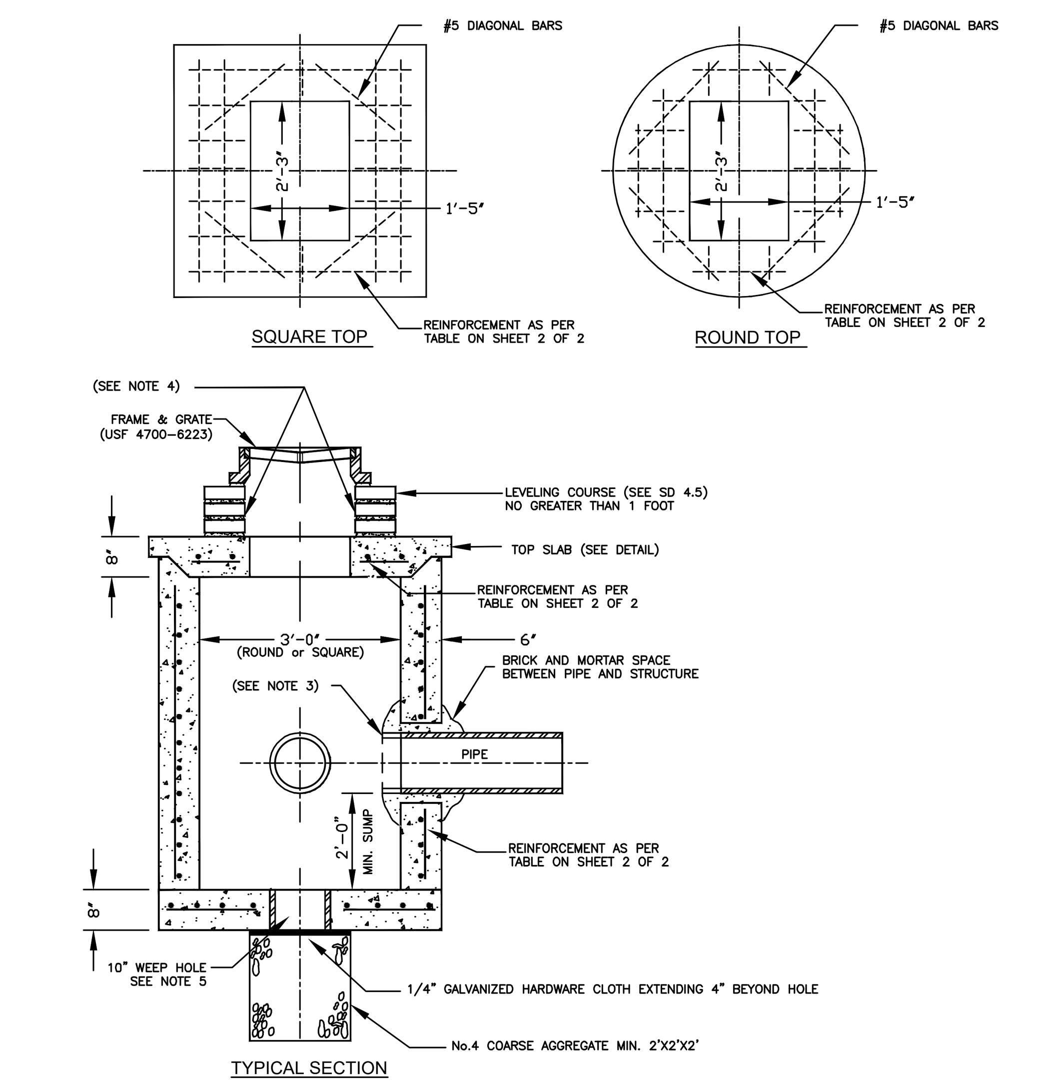


NOTES:

1.– CAST TOP SLAB TO FIT WALL USED.
2.– USE 4,000 psi CONCRETE. (MINIMUM), MAXIMUM W/C=0.53, GRADE 60 STEEL FOR REBAR AND GRADE 65 FOR WWF.
3.– PIPES MAY EXTEND INTO CATCH BASIN A MAXIMUM OF 4".
4.– APPLY A SMOOTH LINE OF MORTAR 1/2" THICK INSIDE AND OUTSIDE.
5.– WEEP HOLES ARE TO BE USED WHEN THE YEARLY LOWEST WATER ELEVATION IS ABOVE THE TOP OF THE BOTTOM SLAB OF THE STRUCTURE.

MIAMI-DADE COUNTY — DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS | APPROVED 5/8/2018 | REVISED 5/8/2018, 9/16/2013, 9/26/2012, 2/8/2011, 3/7/1981

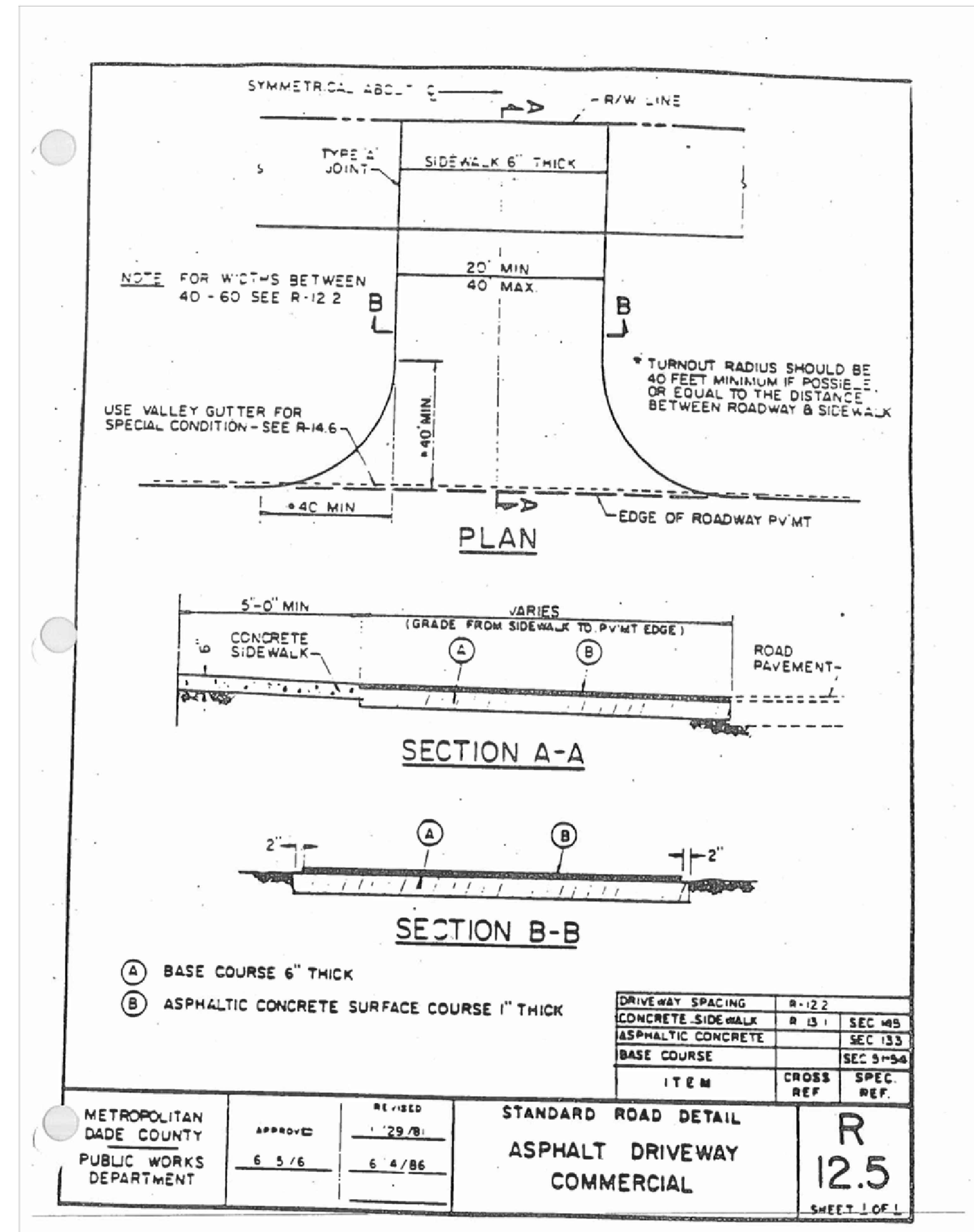
STANDARD STORM DRAINAGE DETAIL
PRECAST CATCH BASIN (D-3)
SD 2.2 — SHEET 1 OF 2

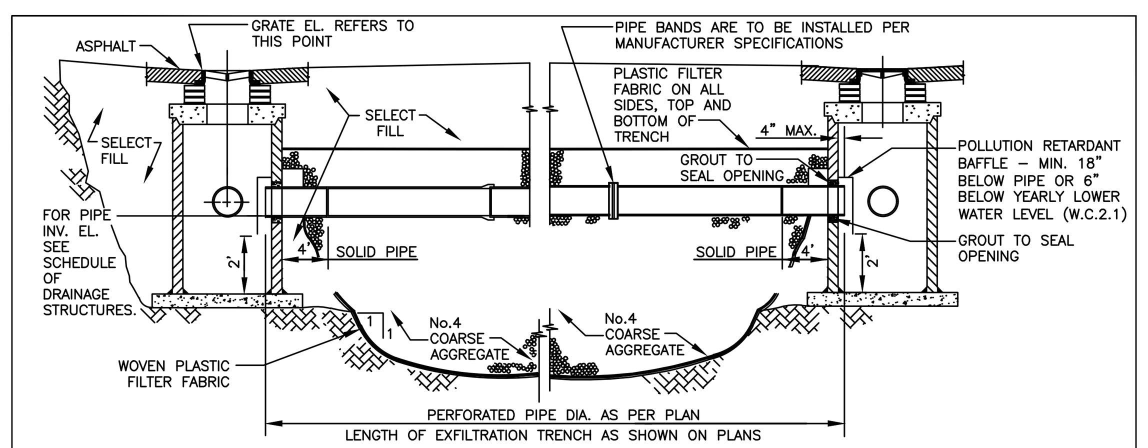
SQUARE STRUCTURE									
Standard Detail	Width (ft)	Length (ft)	Height (ft)	Wall Thickness (in)	Wall Steel	Top Slab Thickness (in)	Top Slab Steel	Bottom Slab Thickness (in)	Bottom Slab Steel
2.2	3	3	0.0 - 5.0	6	#4@10"H #4@10"V	8	#4@5" E.W.	8	#4@10" E.W.
2.2	3	3	5.1 - 10.0	6	#4@7.5"H #4@10"V	8	#4@5" E.W.	8	#4@10" E.W.
2.2	3	3	10.1-15.0	6	#5@7.5"H #4@10"V	8	#4@5" E.W.	8	#4@10" E.W.

ROUND STRUCTURE								
Standard Detail	Dia. (ft)	Height (ft)	Wall Thickness (in)	Wall Steel	Top Slab Thickness (in)	Top Slab Steel	Bottom Slab Thickness (in)	Bottom Slab Steel
2.2	3	0.0 - 5.0	6	8 X 8 W20 #4@10"E.W.	8	#4@5" E.W.	8	#4@10" E.W.
2.2	3	5.1 - 15.0	6	8 X 8 W20 #4@10"E.W.	8	#4@5" E.W.	8	#4@10" E.W.

MIAMI-DADE COUNTY — DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS | APPROVED 5/8/2018 | REVISED 5/8/2018

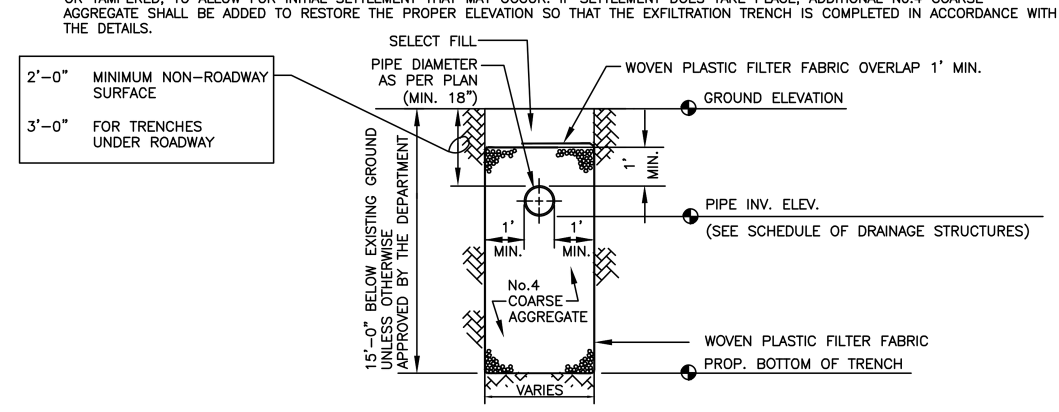
STANDARD STORM DRAINAGE DETAIL
PRECAST CATH BASIN (TYPE D-3)
SD 2.2 — SHEET 2 OF 2

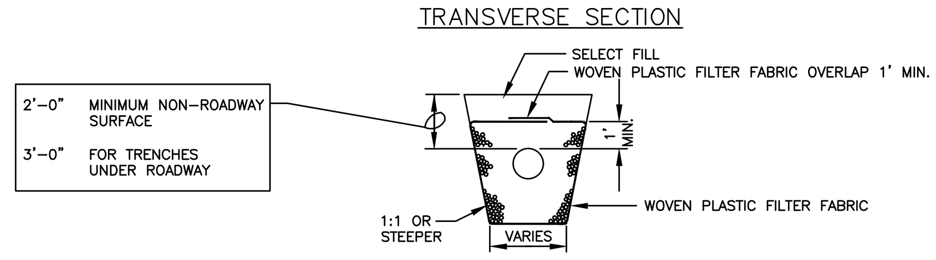




NOTE

1–AFTER THE COARSE AGGREGATE HAS BEEN PLACED TO THE PROPER ELEVATION IT SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER, OR TAMPERED, TO ALLOW FOR INITIAL SETTLEMENT THAT MAY OCCUR. IF SETTLEMENT DOES TAKE PLACE, ADDITIONAL No.4 COARSE AGGREGATE SHALL BE ADDED TO RESTORE THE PROPER ELEVATION SO THAT THE EXFILTRATION TRENCH IS COMPLETED IN ACCORDANCE WITH THE DETAILS.





* MAY BE USED IN AREAS WHERE TRENCH WALLS WILL NOT STAND VERTICAL, OR WHERE CAVE–IN BELOW THE WATER TABLE IS LIKELY TO OCCUR. TO BE USED AT THE ENGINEER'S DISCRETION.

NOTES (CONTINUED ON NEXT PAGE)

1. PLASTIC FILTER FABRIC SHALL BE WOVEN MONOFILAMENT POLYPROPYLENE GEOTEXTILE. PERMITTIVITY SHALL BE GREATER THAN 0.50 SEC AND FLOW RATE GREATER OR EQUAL TO 50 gal/min.
2. MAXIMUM EXFILTRATION RATE WHICH CAN BE USED IN CALCULATING FRENCH DRAIN LENGTH IS 0.1 cfs/lf.

MIAMI-DADE COUNTY — DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS | APPROVED 04/16/2015 | REVISED 02/08/2011, 09/26/2012, 10/19/2012

STANDARD STORM DRAINAGE DETAIL
EXFILTRATION TRENCH (FRENCH DRAIN)
SD 1.1 — SHEET 1 OF 2

NOTES CONTINUED

3. THE MINIMUM PIPE DIAMETER FOR DRAINAGE SYSTEM WITHIN THE ROADWAY RIGHT–OF–WAY SHALL BE 18 INCHES. 15 INCH PIPE MAY BE USED IN PRIVATE ROADWAYS.
4. NO TREES TO BE PLANTED WITHIN 5 FEET OF THE EDGE OF THE TRENCH.
5. TYPE "P" S.D. 2.6 STRUCTURE IS RECOMMENDED FOR SMALL DRAINAGE AREAS LESS THAN 0.2 ACRE PER CATCH BASIN.
6. TYPE "J" S.D. 2.6 STRUCTURE IS RECOMMENDED FOR AREAS LARGER THAN 0.2 ACRE.
7. ALL INVERTS OF PERFORATED PIPES TO BE AT MEAN HIGH OCTOBER WATER TABLE W.C. 2.2.
8. PIPES CAN BE ALLOWED BELOW MEAN HIGH OCTOBER WATER TABLE DUE TO UTILITY CONFLICTS OR IN ORDER TO PROVIDE THE REQUIRED MINIMUM COVER.
9. NEOPRENE GASKET REQUIRED FOR BAFFLES ON ALL CONTACT EDGES MOUNTED ON WALL.
10. OIL AND GREASE BAFFLE IS REQUIRED FOR ALL DRAINAGE STRUCTURES PRECEDING AN OUTFALL OR EXFILTRATION TRENCHES, IN PROJECTS LOCATED IN WELLFIELD PROTECTION AREAS, ROAD INTERSECTIONS WITH TRAFFIC LIGHTS, AND LARGE PARKING LOTS WHICH INCLUDE 15 PARKING SPACES OR MORE.
11. OIL AND GREASE BAFFLE MAY BE WAIVED IN SUBURBAN RESIDENTIAL AREAS.

GENERAL NOTES FOR PIPE CULVERTS

CONTRACTOR HAS THE OPTION OF INSTALLING ANY PIPE MEETING THE REQUIREMENTS OF SECTION 443–2 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS LONG AS THE MANUFACTURER IS LISTED, AT THE TIME OF PIPE INSTALLATION, IN FDOT'S LIST OF PRODUCERS WITH ACCEPTED QUALITY CONTROL PROGRAMS. PIPES WITH LESS THAN A 100–YEAR CERTIFICATION CANNOT BE USED ON SECTION LINE, HALF SECTION LINE, COLLECTOR ROADWAYS, AND ARTERIALS. 50–YEAR PIPE CERTIFICATION REQUIRED FOR ALL OTHER MINOR/LOCAL ROADWAYS.

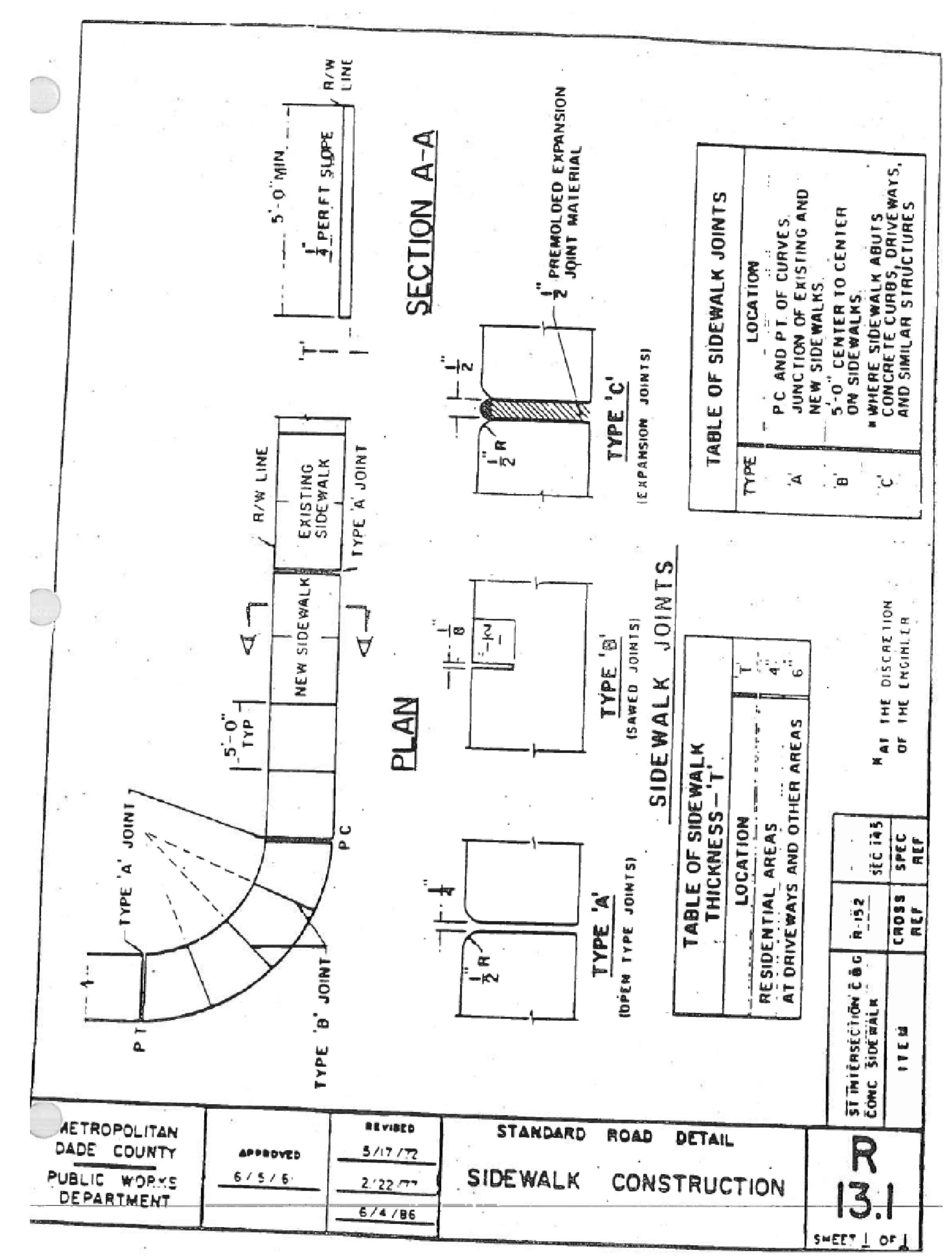
MINIMUM NUMBER OF PERFORATION IN PIPE CULVERTS		
PIPE DIAMETER (inches)	OUTER SHELL No. of 3/8" Dia. Holes (PER LIN. FT. OF PIPE)	LINER No. of 5/8" Dia. Holes (PER LIN. FT. OF PIPE)
15	100	50
18	120	60
24	160	80
30	200	100
36	240	120
42	275	140
48	315	150
54	355	180
60	395	200
72	470	235
84	550	275

NOTE:

PERFORATIONS SHALL BE UNIFORMLY SPACED AROUND THE FULL PERIPHERY OF THE PIPE TO WITHIN 4" OF EACH END OF EACH LENGTH OF PIPE. THE NUMBER OF PERFORATIONS PER LINEAR FOOT OF PIPE AND THE DIAMETER OF THE PERFORATIONS SHALL BE AS SHOWN ON THE ABOVE TABLE.

MIAMI-DADE COUNTY — DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS | APPROVED 04/16/2015 | REVISED 06–04–86, 10–22–13, 05–02–81

STANDARD STORM DRAINAGE DETAIL
EXFILTRATION TRENCH (PIPE CULVERT NOTES)
SD 1.1 — SHEET 2 OF 2



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2/11/2026

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PROJECT NAME
DORAL SOCCER FIELD
8234 NW 56TH STREET,
DORAL, FL

SHEET TITLE
PAVING AND DRAINAGE DETAILS 1

B.E.S PROJ. No.:
DATE: MARCH, 2025
DRAWN BY:
DESIGNED BY:
CHECKED BY:

REVISIONS
date | description | no.

SHEET
C-3

LOCATED IN: J:\.shortcut-targets-by-id\1MMAg83OR4z_nOodmZsfixtcKrRIlnl-X\SHARED BC PROJECTS\2025\2538- Doral Soccer Field\CAD\C-3 & C-4 – PAVING AND DRAINAGE DETAILS – DORAL SOCCER FIELD.dwg & PRINTED ON: Wednesday, February 11, 2026, 6:31:43 PM

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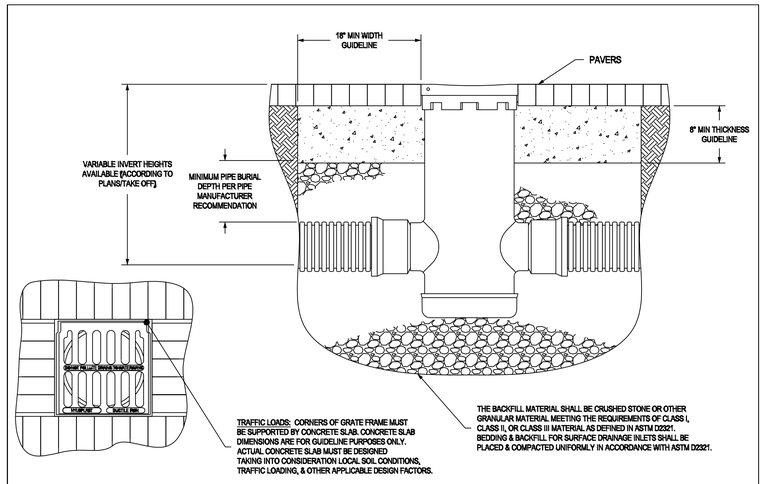

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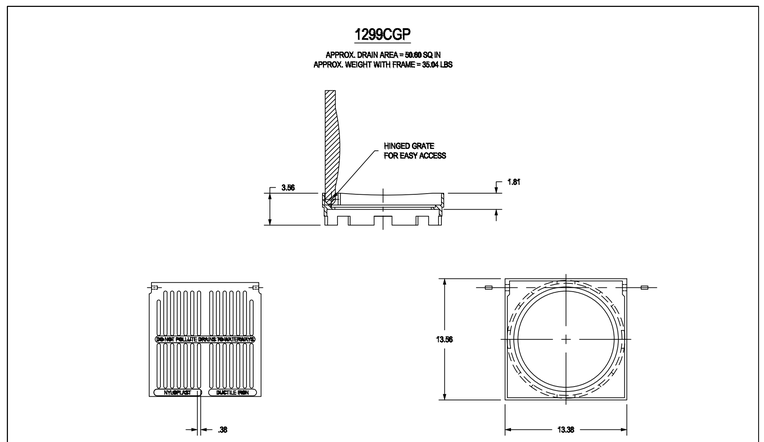

DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRATE MEETS H-10 LOAD RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY ACT AS STATED IN FEDERAL REGISTER PART III, DEPARTMENT OF JUSTICE, 28 CFR PART 36.
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO. 7001-110-034

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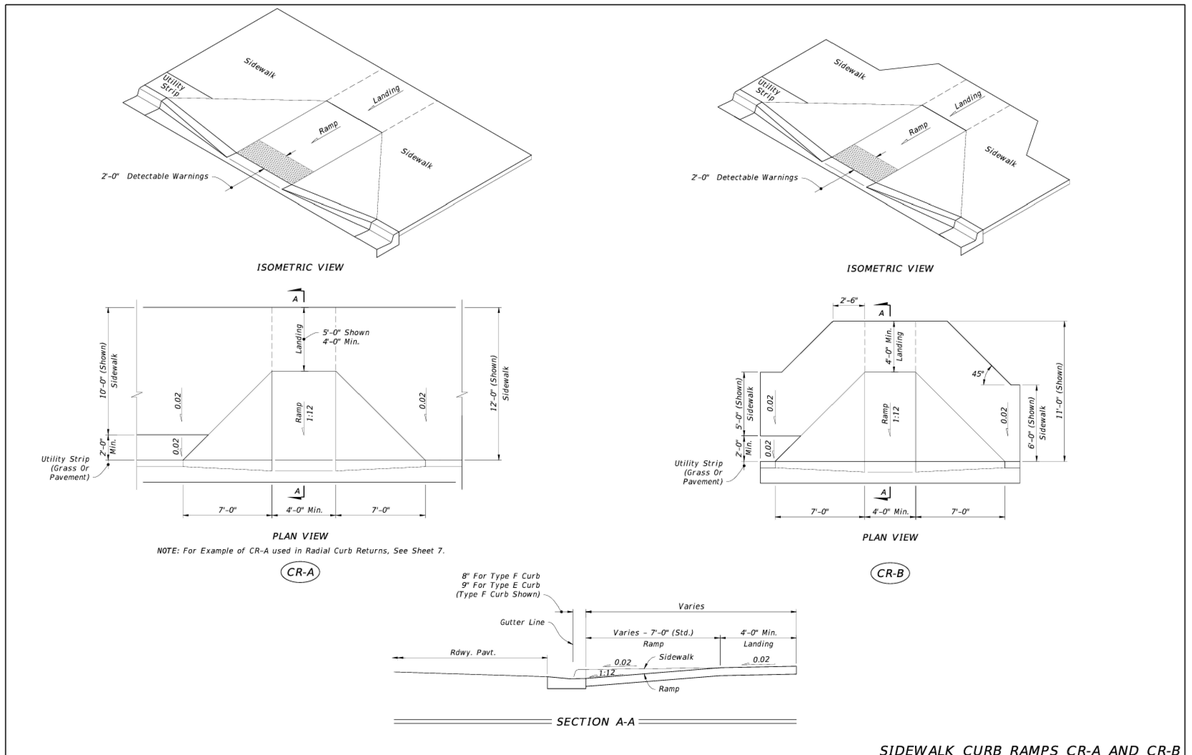

SIDEWALK CURB RAMPS CR-A AND CR-B

LAST REVISION	DESCRIPTION:				
11/01/20		FDOT FY 2025-26 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 2 of 7

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2/11/2026

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PROJECT NAME
DORAL SOCCER FIELD
8234 NW 56TH STREET,
DORAL, FL

SHEET TITLE
PAVING AND DRAINAGE DETAILS 2

B.E.S PROJ. No.:
DATE: MARCH, 2025
DRAWN BY:
DESIGNED BY:
CHECKED BY:

REVISIONS

date	description	no.

SHEET
C-4

LOCATED IN: J:\shortcut-targets-by-id\1MMA83SR4z-nOdsmZ6fnt4KRlm-A\SHARED BC PROJECTS\2025\2538- Doral Soccer Field\CAD\C-3 & C-4 - PAVING AND DRAINAGE DETAILS - DORAL SOCCER FIELD.dwg & PRINTED ON: Wednesday, February 11, 2026, 6:32:04 PM

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