

CONSTRUCTION PLANS

FOR GRIECO DELRAY MAZDA LEVEL II RENOVATION

2001 SOUTH FEDERAL HIGHWAY
DELRAY BEACH, FLORIDA 33483
SECTION 28, TOWNSHIP 46 S, RANGE 43 E

GENERAL NOTES

1. CONTRACTOR SHALL HAVE ONE SIGNED COPY OF THE APPROVED PLANS AND THE APPROPRIATE STANDARDS AND SPECIFICATIONS ALONG WITH A COPY OF ANY PERMITS AND AGREEMENTS NEEDED FOR THE JOB ON-SITE AT ALL TIMES.
2. CONTRACTOR SHALL MEET OR EXCEED ALL SITE WORK SPECIFICATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS FOR ALL MATERIALS AND CONSTRUCTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS IS ENCOUNTERED.
5. NO REVISION SHALL BE MADE TO THESE PLANS WITH OUT THE APPROVAL OF THE ENGINEER OF RECORD.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
7. ANY REFERENCE TO PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
8. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICES.
9. ALL WORK CONDUCTED WITHIN A FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY SHALL CONFORM TO THE STANDARDS SET FORTH IN THE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION FY 2018-2019.
10. ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD 1.1 & 1.2

FLOOD ZONE INFORMATION

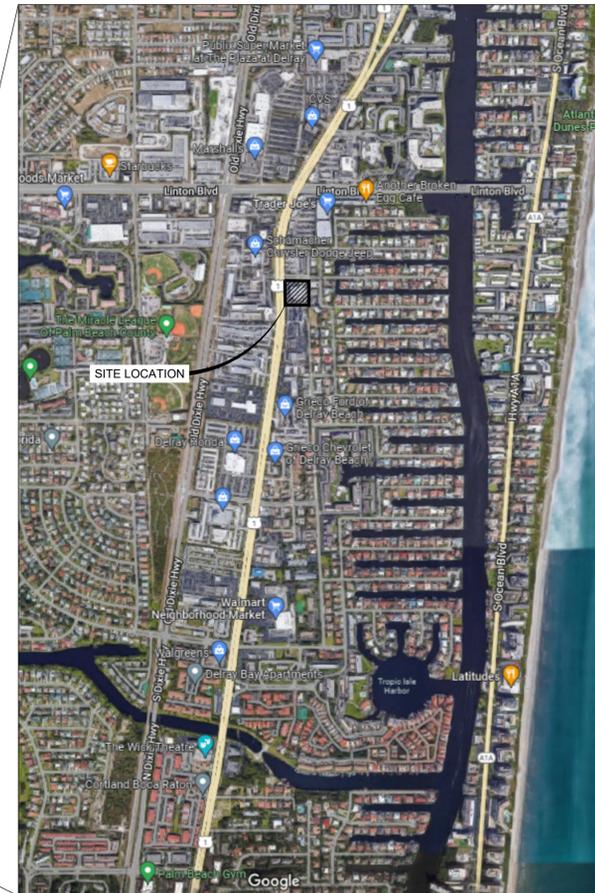
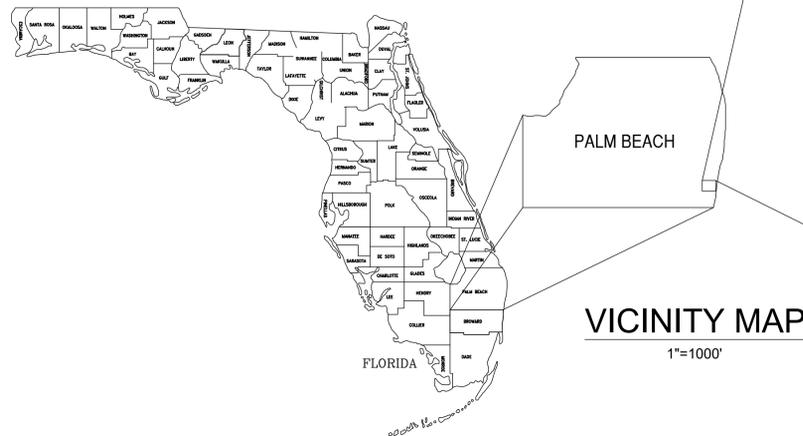
COMMUNITY NUMBER: 125102
 PANEL NUMBER: 0006
 SUFFIX: D
 DATE OF FIRM: JANUARY 5, 1989
 ZONE: X

LEGAL DESCRIPTION

PARCEL 1
 LOTS 1 TO 13 INCLUSIVE, BLOCK 38, DEL-RATON PARK, ACCORDING TO THE PLAT THEREOF RECORDED IN THE OFFICE OF THE CLERK OF THE CIRCUIT COURT IN AND FOR PALM BEACH COUNTY, FLORIDA, IN PLAT BOOK 14, PAGES 9 AND 10; EXCEPTING THEREFROM THE FOLLOWING DESCRIBED PARCEL OF LAND; A PORTION OF LOT 1 TO 6, INCLUSIVE, BLOCK 38, DEL-RATON PARK MORE PARTICULARLY DESCRIBED AS FOLLOWS;
 FROM THE SOUTHWEST CORNER OF LOT 6 OF SAID BLOCK 38 RUN NORTHERLY ALONG THE WESTERLY LINE OF LOTS 6, 5, 4, 3, 2, AND 1. OF BLOCK 38 FOR A DISTANCE OF 156.25 FEET TO THE NORTHWEST CORNER OF SAID LOT 1; THENCE RUN EASTERLY ALONG THE NORTH LINE OF SAID LOT 1 FOR A DISTANCE OF 45.44 FEET TO A POINT IN THE ARC OF A CURVE CONCAVE TO THE WEST AND HAVING A RADIUS OF 2942.93 FEET; THENCE RUN SOUTHERLY ALONG THE ARC OF SAID CURVE FOR A DISTANCE OF 154.72 FEET MORE OR LESS TO A POINT ON THE SOUTH LINE OF SAID LOT 6; THENCE RUN WESTERLY ALONG THE SOUTH LINE OF SAID LOT 6 FOR A DISTANCE OF 21.92 FEET TO THE SOUTHWEST CORNER OF SAID LOT 6. ALL ACCORDING TO THE PLAT OF SAID DEL-RATON PARK AS RECORDED IN PLAT BOOK 14, PAGES 9 AND 10, PALM BEACH COUNTY PUBLIC RECORDS.

PARCEL 2
 THAT PORTION OF AVENUE " A " AS SHOWN ON THE PLAT OF DEL-RATON PARK IN PLAT BOOK 14, PAGES 9 AND 10 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, DESCRIBED AS FOLLOWS;
 COMMENCING AT THE S.E. CORNER OF LOT 13, BLOCK 38 OF SAID PLAT, SAID POINT BEING IN THE WEST BOUNDARY OF TROPIC ISLE, PLAT BOOK 24, PAGE 235 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; THENCE WESTERLY ALONG THE SOUTH LINE OF SAID LOT 13, A DISTANCE OF 25.04 FEET TO THE POINT OF BEGINNING; THENCE SOUTHERLY, FORMING AN ANGLE OF 93°04'25" FROM WEST TO SOUTH, ALONG THE NORTHERLY EXTENSION OF FLORIDA BOULEVARD AS SHOWN ON SAID PLATS, A DISTANCE OF 50.08 FEET TO THE N.E. CORNER OF LOT 46, BLOCK 37, AS SHOWN ON THE SAID PLAT OF DEL-RATON PARK; THENCE WESTERLY, FORMING AN INCLUDED ANGLE OF 86°55'35", ALONG THE SOUTH RIGHT-OF-WAY LINE OF AVENUE "A" AND EXTENSION THEREOF, A DISTANCE OF 252.71 FEET TO A POINT LYING ON THE EAST RIGHT-OF-WAY LINE OF FEDERAL HIGHWAY (U.S. NO. 1); THENCE NORTHERLY ALONG SAID EAST RIGHT-OF-WAY LINE WITH A CURVE TO THE LEFT, WHOSE INITIAL TANGENT FORMS AN INCLUDED ANGLE OF 86°37'47" , HAVING A RADIUS OF 2942.93 FEET AND AN ARC LENGTH OF 50.07 FEET TO A POINT LYING ON THE NORTH RIGHT-OF-WAY LINE OF AVENUE "A"; THEN EASTERLY, ALONG SAID NORTH RIGHT-OF-WAY LINE OF AVENUE "A", A DISTANCE OF 247.50 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

PARCEL 3
 LOTS 15 THROUGH 28, INCLUSIVE, LOT 30, AND THAT PARCEL DESIGNATED AS "PARKING AREA", ALL IN TRACT B OF GATEWAY SHOPPING CENTER, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 25, AT PAGE 76 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; TOGETHER WITH THAT PART OF THE 20 FOOT ALLEY RIGHT OF WAY LYING SOUTH OF AND ADJACENT TO LOTS 22 THROUGH 28, INCLUSIVE OF SAID TRACT B, LYING EAST OF THE EAST RIGHT OF WAY LINE OF STATE ROAD NO. 5 AND LYING WEST OF THE SOUTHERLY PROLONGATION OF THE EAST LINE OF SAID LOT 22, AS SHOWN ON SAID PLAT OF GATEWAY SHOPPING CENTER.



SHEET LIST TABLE	
C-1.0	COVER SHEET
S-1	SURVEY
C-3.0	DEMO AND EROSION CONTROL PLAN
C-3.1	DEMO AND EROSION CONTROL DETAIL
C-4.0	ENGINEERING SITE PLAN
C-5.0	PAVING, GRADING AND DRAINAGE PLAN
C-6.0	ENGINEERING DETAILS
L-1	DISPOSITION PLAN
L-2	LANDSCAPE PLAN
L-3	LANDSCAPE GENERAL NOTES AND DETAILS
L-4	IRRIGATION PLAN
L-5	IRRIGATION GENERAL NOTES AND DETAILS

ELEVATIONS SHOWN HEREON ARE IN DATUM NGVD 29. THE NAVD CONVERSION FACTOR IS -1.535 FEET FOR THIS LOCATION. (NAVD = NGVD - 1.535)

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 www.bowman.com
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 Phone: (954) 314-6400

NO.	REVISION DESCRIPTION	DATE

COVER SHEET
**GRIECO DELRAY MAZDA
 LEVEL II RENOVATION**
 2001 SOUTH FEDERAL HIGHWAY
 PALM BEACH COUNTY, FLORIDA

This item has been digitally signed and sealed by Andres Mizrahi, P.E. on the date adjacent to this seal.

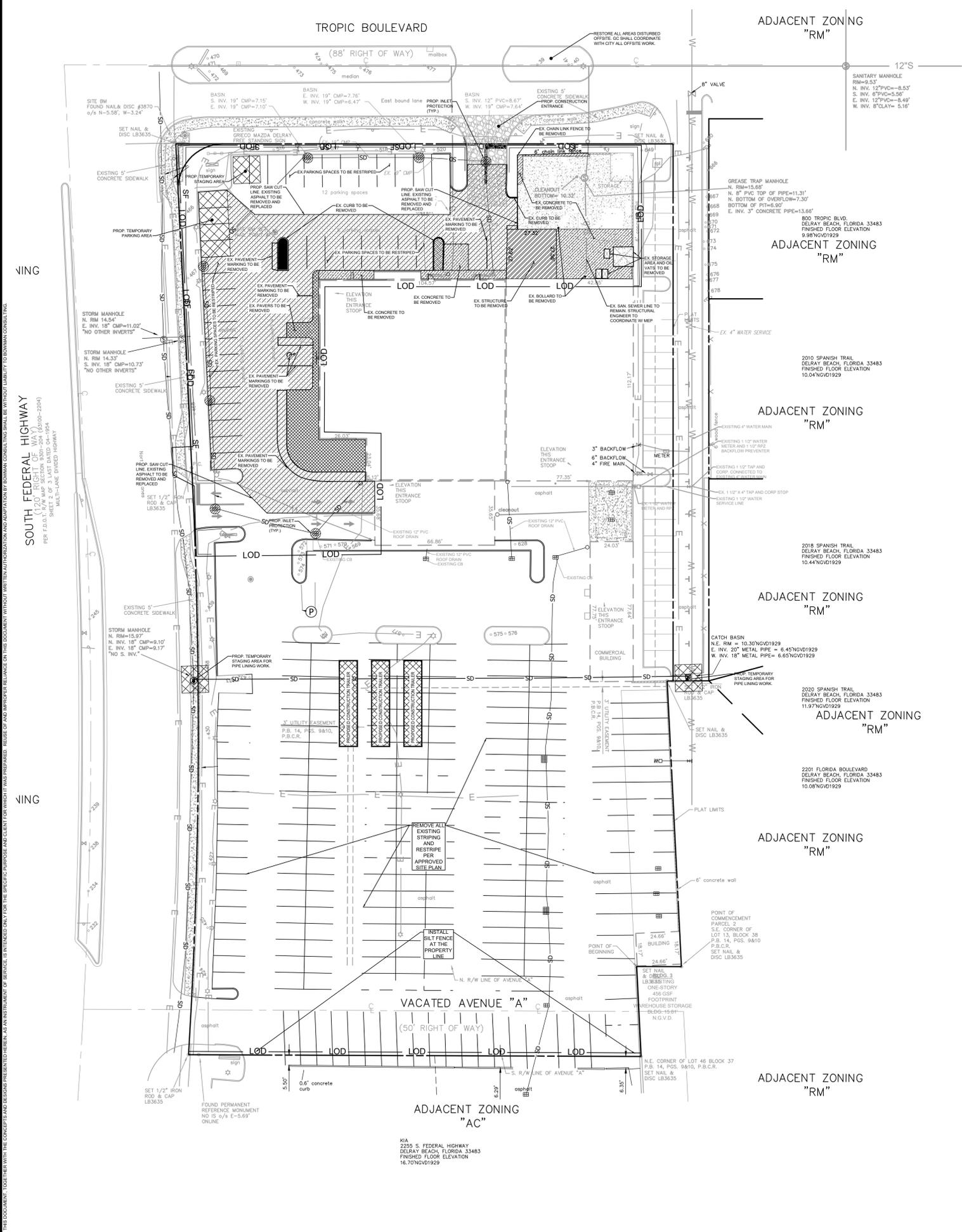
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ANDRES MIZRAHI, P.E.
 LICENSE No. 92421
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

Andres Mizrahi, P.E.
 Florida License No. 92421

RG DESIGN	PS DRAWN	AM CHKD
SCALE: AS SHOWN		
JOB No.:	011081-01-001	
DATE:	02/28/2024	
SHEET	C-1	

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGN PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BOWMAN CONSULTING SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING.



GENERAL DEMOLITION NOTES

1. THE LOCATION OF THE UTILITIES SHOWN HAVE BEEN DETERMINED BY INFORMATION GATHERED AND SHALL NOT BE USED AS EXACT. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO VERIFY EXACT LOCATIONS PRIOR TO DEMOLITION.
2. THE CONTRACTOR SHALL COORDINATE WITH THE PROPER UTILITY COMPANIES FOR REMOVAL AND RELOCATIONS OF THE RESPECTIVE UTILITY. THE CONTRACTOR SHALL VERIFY ANY WORK THAT MAY BE DONE BY THE UTILITY COMPANIES.
3. CONTRACTOR SHALL PROTECT THE PUBLIC WITH BEST MANAGEMENT PRACTICES.
4. CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING STRUCTURES, PAVEMENT AND VEGETATION THAT IS NOT TO BE DISTURBED AND IS RESPONSIBLE FOR ANY DAMAGES TO THEM.
5. THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL MATERIALS RESULTING FROM OPERATION ACCORDING TO GOVERNING AUTHORITIES AND SHALL OBTAIN THE PROPER PERMITS REQUIRED FOR DISPOSAL AND DEMOLITION.
6. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION AND AVOID ANY PROPERTY DAMAGE DURING CONSTRUCTION.
7. THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO DEMOLITION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICES TO ANY NECESSARY UTILITIES DURING CONSTRUCTION.
9. FOR ALL ITEMS NOTED TO BE REMOVED, REMOVE NOT ONLY THE ABOVE GROUND ELEMENTS, BUT ALSO REMOVE ALL UNDERGROUND ELEMENTS AS WELL INCLUDING, BUT NOT LIMITED TO: FOUNDATIONS, GRAVEL FILLS, TREE ROOTS, PIPES, TANKS, ETC.
10. BACKFILL ALL EXCAVATIONS RESULTING FROM THE DEMOLITION WORK MEETING THE REQUIREMENTS FOR FILL OUTLINED IN THE GEOTECHNICAL INVESTIGATION REPORT FOR THIS SITE.
11. ASBESTOS AND ANY OTHER HAZARDOUS MATERIAL SHALL BE PROPERLY PERMITTED AND REMOVED BY THE CONTRACTOR. CONTRACTOR SHALL SECURE ALL PERMITS FOR DEMOLITION AND REMOVAL OF MATERIALS FROM THE SITE.
12. LIMIT SAW-CUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE PLANS. ANY DAMAGE TO ANY SURROUNDING AREAS SHALL BE REPAIRED / REPLACED AT THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROTECT EXISTING ADJACENT STRUCTURES, PAVEMENT, UTILITIES, LANDSCAPE, ETC. FROM DAMAGE DURING CONSTRUCTION.
13. CONTRACTOR SHALL ENSURE THAT SERVICES TO ALL UTILITIES TO BE REMOVED HAS BEEN DISCONTINUED AND SHUT OFF. ALL UTILITY LINES SHALL BE CAPPED PER UTILITY COMPANY STANDARDS.
14. EXISTING PERIMETER TREES & LANDSCAPING TO REMAIN WHEREVER POSSIBLE.

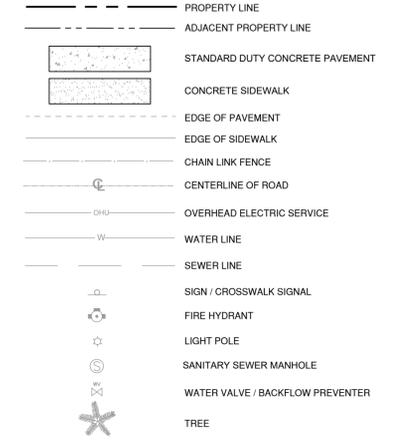
BMP MAINTENANCE NOTES

- ALL MEASURES STATED ON THESE PLANS SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR COMPLETED PHASE OF WORK OF FINAL STABILIZATION OF THE SITE. SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONSTRUCTION GENERAL PERMIT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
 2. ALL SEEDED/SODDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED, WATERED AND REPAIRED AS NEEDED.
 3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE FENCE.
 4. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF SEDIMENT FROM THE SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE EXIT AS CONDITIONS DEMAND.
 5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN A GOOD CONDITION. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE AREA AS CONDITIONS DEMAND.
 6. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT LEAVING THE SITE SHALL BE CLEANED IMMEDIATELY.
 7. ALL INLETS AND STORM DRAINS SHALL BE KEPT CLEAN OF DEBRIS AND SEDIMENT. ANY DEBRIS AND/OR SEDIMENT THAT ENTERS ANY INLET OR STORM DRAIN SHALL BE CLEANED IMMEDIATELY. FLUSHING SHALL NOT BE USED TO CLEAN DEBRIS AND/OR SEDIMENT FROM STORM DRAINS.

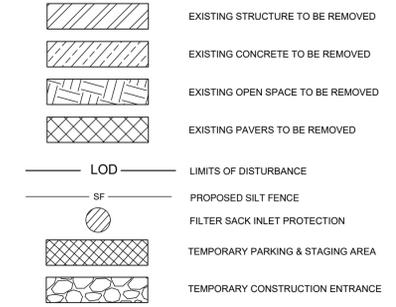
CONSTRUCTION SEQUENCE

1. CONDUCT PRE-CONSTRUCTION MEETING WITH THE COUNTY TO DISCUSS EROSION AND SEDIMENT CONTROLS AND CONSTRUCTION PHASING.
 2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND POST SWPPP AND SITE COMPLIANCE SIGNAGE PUBLICLY VISIBLE.
 3. INSTALL CONSTRUCTION FENCES AND TEMPORARY TRAFFIC AND PEDESTRIAN CONTROL DEVICES.
 4. PREPARE TEMPORARY PARKING AND STORAGE AREAS.
 5. INSTALL INLET PROTECTION, SILT DIKES, AND SILT FENCE ON THE SITE AS SHOWN WITHIN THE CONSTRUCTION LIMITS.
 6. DEMO EXISTING TREES, STRUCTURES, PAVEMENT, AND SPECIFIED UTILITIES.
 7. BEGIN GRADING THE SITE.
 8. BEGIN CONSTRUCTION OF UTILITIES.
 9. BEGIN SUBGRADE PREPARATION AND CONSTRUCTION OF BUILDING.
 10. BEGIN INSTALLATION OF CURB, GUTTER, AND PAVING.
 11. COMPLETE PERMANENT STABILIZATION ON AREAS WHERE CONSTRUCTION HAS COMPLETED.
 12. COMPLETE FINAL GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
 13. OBTAIN CONCURRENCE FROM THE OWNER AND THE CITY THAT THE SITE HAS BEEN FULLY STABILIZED.
 14. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
 15. STABILIZE ALL AREAS DISTURBED BY BMP REMOVAL.
- CONTRACTOR MAY COMPLETE CONSTRUCTION RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMPs HAVE BEEN COMPLETELY INSTALLED.
- THE ACTUAL SCHEDULE FOR IMPLEMENTING POLLUTANT CONTROL MEASURES WILL BE DETERMINED BY THE PROJECT CONSTRUCTION PROGRESS AND RECORDED BY THE GENERAL CONTRACTOR ON THESE PLANS.

EXISTING LEGEND



PROPOSED LEGEND



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 Phone: (954) 314-8480

NO.	REVISION	DESCRIPTION	DATE

DEMO AND EROSION CONTROL PLAN
GRIECO DELRAY MAZDA
LEVEL II RENOVATION
 2001 SOUTH FEDERAL HIGHWAY
 PALM BEACH COUNTY, FLORIDA

This item has been digitally signed and sealed by Andres Mizrahi, P.E. on the date adjacent to this seal.

ANDRES MIZRAHI, P.E.
 LICENSE No. 92421
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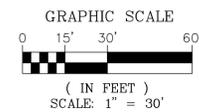
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Andres Mizrahi, P.E.
 Florida License No. 92421

RG DESIGN	PS DRAWN	AM CHKD
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SCALE: 1" = 30'
 JOB No.: 011081-01-001
 DATE: 02/26/2024

C-3.0



GENERAL DEMOLITION NOTES

1. THE LOCATION OF THE UTILITIES SHOWN HAVE BEEN DETERMINED BY INFORMATION GATHERED AND SHALL NOT BE USED AS EXACT. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO VERIFY EXACT LOCATIONS PRIOR TO DEMOLITION.
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10. BACKFILL ALL EXCAVATIONS RESULTING FROM THE DEMOLITION WORK MEETING THE REQUIREMENTS FOR FILL OUTLINED IN THE GEOTECHNICAL INVESTIGATION REPORT FOR THIS SITE.
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14. EXISTING PERIMETER TREES & LANDSCAPING TO REMAIN WHEREVER POSSIBLE.

BMP MAINTENANCE NOTES

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1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
 2. ALL SEEDED/SODDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED, WATERED AND REPAIRED AS NEEDED.
 3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE FENCE.
 4. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF SEDIMENT FROM THE SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE EXIT AS CONDITIONS DEMAND.
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CONSTRUCTION SEQUENCE

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2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND POST SWPPP AND SITE COMPLIANCE SIGNAGE PUBLICLY VISIBLE.
3. INSTALL CONSTRUCTION FENCES AND TEMPORARY TRAFFIC AND PEDESTRIAN CONTROL DEVICES.
4. PREPARE TEMPORARY PARKING AND STORAGE AREAS.
5. INSTALL INLET PROTECTION, SILT DIKES, AND SILT FENCE ON THE SITE AS SHOWN WITHIN THE CONSTRUCTION LIMITS.
6. DEMO EXISTING TREES, STRUCTURES, PAVEMENT, AND SPECIFIED UTILITIES.
7. BEGIN GRADING THE SITE.
8. BEGIN CONSTRUCTION OF UTILITIES.
9. BEGIN SUBGRADE PREPARATION AND CONSTRUCTION OF BUILDING.
10. BEGIN INSTALLATION OF CURB, GUTTER, AND PAVING.
11. COMPLETE PERMANENT STABILIZATION ON AREAS WHERE CONSTRUCTION HAS COMPLETED.
12. COMPLETE FINAL GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
13. OBTAIN CONCURRENCE FROM THE OWNER AND THE CITY THAT THE SITE HAS BEEN FULLY STABILIZED.
14. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
15. STABILIZE ALL AREAS DISTURBED BY BMP REMOVAL.

CONTRACTOR MAY COMPLETE CONSTRUCTION RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMPs HAVE BEEN COMPLETELY INSTALLED.

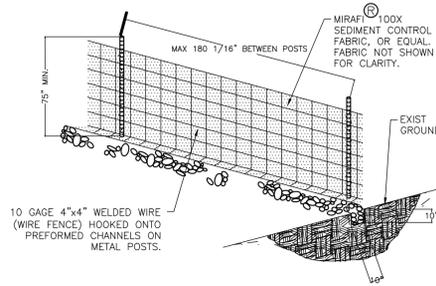
THE ACTUAL SCHEDULE FOR IMPLEMENTING POLLUTANT CONTROL MEASURES WILL BE DETERMINED BY THE PROJECT CONSTRUCTION PROGRESS AND RECORDED BY THE GENERAL CONTRACTOR ON THESE PLANS.

EXISTING LEGEND

- PROPERTY LINE
- - - ADJACENT PROPERTY LINE
- [Pattern] STANDARD DUTY CONCRETE PAVEMENT
- [Pattern] CONCRETE SIDEWALK
- - - EDGE OF PAVEMENT
- - - EDGE OF SIDEWALK
- - - CHAIN LINK FENCE
- CENTERLINE OF ROAD
- OVERHEAD ELECTRIC SERVICE
- W WATER LINE
- SEWER LINE
- SIGN / CROSSWALK SIGNAL
- FIRE HYDRANT
- LIGHT POLE
- SANITARY SEWER MANHOLE
- WATER VALVE / BACKFLOW PREVENTER
- TREE

PROPOSED LEGEND

- [Pattern] EXISTING STRUCTURE TO BE REMOVED
- [Pattern] EXISTING CONCRETE TO BE REMOVED
- [Pattern] EXISTING OPEN SPACE TO BE REMOVED
- [Pattern] EXISTING PAVERS TO BE REMOVED
- LOD LIMITS OF DISTURBANCE
- SF PROPOSED SILT FENCE
- FILTER SACK INLET PROTECTION
- [Pattern] TEMPORARY PARKING & STAGING AREA
- [Pattern] TEMPORARY CONSTRUCTION ENTRANCE

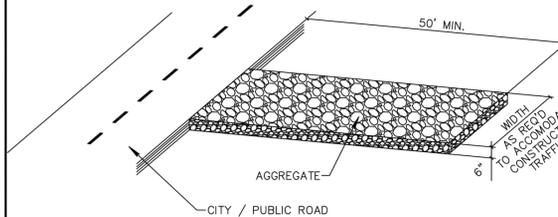


- NOTES:
1. DRIVE WOOD POSTS (1.3 LBS/FT MIN) 18" MIN INTO GROUND AND EXCAVATE A 4"x4" TRENCH UPHILL 5' LONG (MIN) ALONG LINE OF POSTS. WOOD.
 2. POSTS 4" IN DIAMETER OR 2"x4" MAY BE USED. ATTACH WIRE FENCE TO POSTS AND EXTEND THE BOTTOM OF THE FENCE 8" INTO THE EXCAVATED TRENCH. ALTERNATE : USE SEDIMENT CONTROL FABRIC WITH PRE-SEWN POCKETS FOR POSTS SO THAT WIRE FENCE IS NOT REQ'D.
 3. ATTACH THE SEDIMENT CONTROL FABRIC (36" WIDE) TO THE WIRE FENCE W/METAL CLIPS OR WIRE AND EXTEND THE BOTTOM OF THE FABRIC 6" INTO THE TRENCH.
 4. BOTTOM OF SEDIMENT CONTROL FABRIC MUST BE PLACED IN TRENCH AND SECURED WITH GRANULAR FILL TO A HEIGHT OF 6" ABOVE GROUND LEVEL, SO THAT RUNOFF IS FORCED TO GO THROUGH THE FENCE AND CANNOT GO UNDER IT.
 5. SILT FENCE SHALL BE MAINTAINED AND TRAPPED SEDIMENTS SHALL BE REMOVED BY THE CONTRACTOR PERIODICALLY AS DETERMINED BY THE ENGINEER OR AS NECESSARY (MAX. 6 MONTHS).
 6. THE CONTRACTOR IS REQUIRED TO REMOVE ALL SILT FENCES AND AREA TO BE RESTORED TO THE ORIGINAL CONDITION UPON COMPLETION OF CONSTRUCTION.

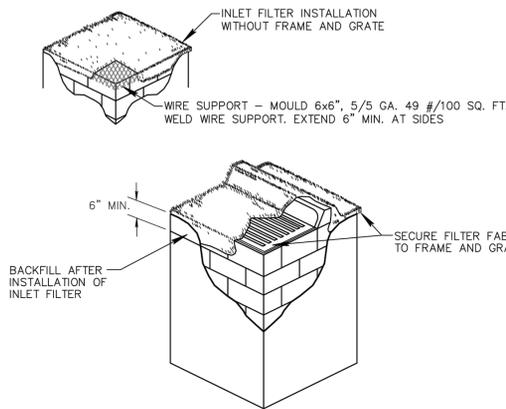
SILT FENCE DETAIL

SCALE: NONE

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



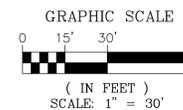
NOTE:
A CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AND CONTAIN AN AGGREGATE LAYER (FDOT AGGREGATE NO.1), AT LEAST 6-INCHES THICK. IT MUST EXTEND TO THE WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA.



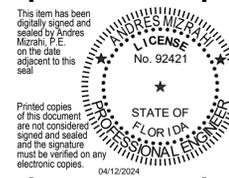
- NOTES:
1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
 2. CONTRACTOR TO REMOVE FABRIC JUST PRIOR TO PAVING.

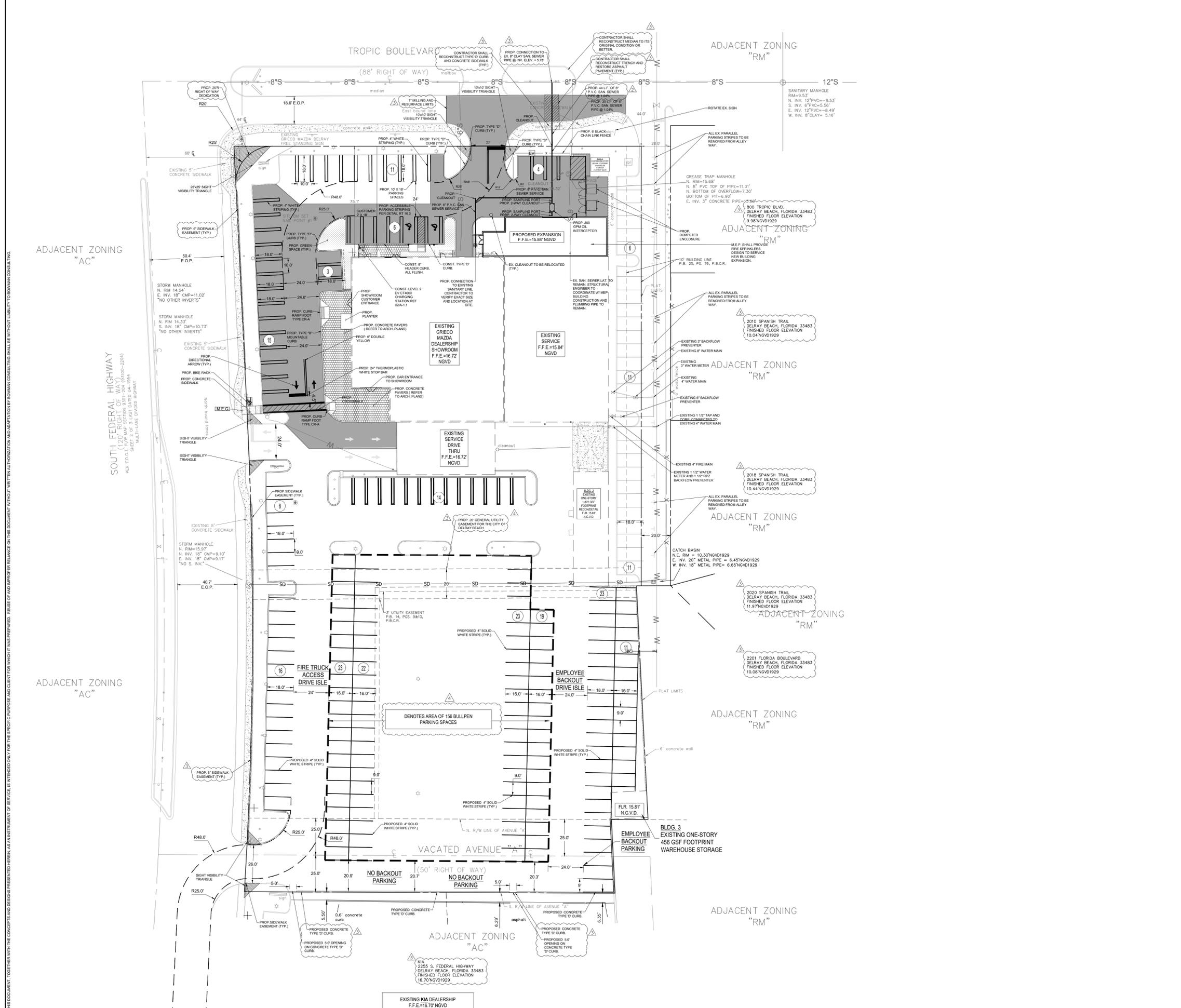
A SEDIMENT TRAP WILL BE EXCAVATED BEHIND THE CURB AT THE INLET. THE BASIN SHALL BE AT LEAST 12 TO 14 INCHES IN DEPTH, APPROXIMATELY 36 INCHES IN WIDTH, AND APPROXIMATELY 7 TO 10 FEET IN LENGTH PARALLEL TO THE CURB.

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



NO.	REVISION	DESCRIPTION	DATE





Existing and New building Square Feet		Allowable GSF Deductions for Parking Calculations:	
BLDG 1	1st Floor Existing Building = 21,998 sf	-5,135 sf Existing Showroom Area	
	1st Floor Demo Service Bldg = -824 sf		
	2nd Floor Existing Building = 7,500 sf		
	2nd Floor Parts Expansion = +2,180 sf		
	BLDG 2		
	Existing Detail Bays = 1,872 sf		
	BLDG 3		
	Existing Warehouse Storage = 456 sf		
	BLDG 4		
	Existing Warehouse Storage = 200 sf		
	BUILDING GSF	35,550 GSF	-5,135 deductible GSF

USE	AREA	RATIO	REQUIRED SPACES	PROVIDED
BUILDING GROSS AREA (LESS SHOWROOM)	35,550 GSF -5,135 GSF 30,415 GSF	4 / 1000 SF	122 ONSITE REQUIRED	
TOTAL PARKING				

USE	AREA	RATIO	REQUIRED SPACES	PROVIDED
EMPLOYEE/CUSTOMER	30,415 GSF	2 / 1000 SF	61	53 employee 9 customer
SERVICE BAY AREA	20 BAYS	1.5 / BAY	30	30
DISPLAY			31	50
INVENTORY				156
TOTAL ON SITE PARKING			122	298

PARKING DESIGNATION BY USE	PROVIDED
CUSTOMER (9'X18')	7
CUSTOMER ACCESSIBLE SPACES (12'X18')	2
EMPLOYEE SPACES (9'X18')	23
EMPLOYEE SPACES TANDEM (9'X18')	11
EMPLOYEE SPACES TANDEM (8'-6"X18')	8
SERVICE REG. SPACES (9'X18')	30
DISPLAY (Federal Hwy) (9'X18')	39
DISPLAY (Tropic Blvd) (9'X18')	11
INVENTORY (9'X16')	156
TOTAL SURFACE SPACES PROVIDED	298

BUILDING PAD DISPLAY	PROVIDED
THE 143 COMPACT INVENTORY SPACES PROVIDED ARE NOT REQUIRED PARKING	4

c) A bullpen parking arrangement may also be used for an employee parking area provided that it complies with the provisions of Subsection (G)(2)(a) and is in conjunction with a full service new car automobile dealership. Employee parking provided in a bullpen arrangement may count toward meeting employee parking requirements.

SITE AREA CALCULATIONS: 2.98 AC (+/-129,809 SF)+ ROW.12 AC (5,227 SF) = 3.1 ACRES (135,036 SF)

BUILDING 1-4 FOOT PRINTS (LOT COVERAGE):	25,870 GSF (19 %)
VEHICULAR USE AREA - ASPHALT PAVEMENT	92,558 GSF (68 %)
OPEN SPACE: GREEN LANDSCAPE SPACE	11,669 GSF (9 %)
NON FERROUS: CONCRETE PAVER VEHICLE DISPLAY AREA	2,297 GSF (2 %)
NON FERROUS:	
SIDE WALK / TRANS PAD / CONC. CURBS / DUMPSTER AREA	2,642 GSF (2 %)
TOTAL EXISTING SITE AREA PLUS 20' ROW	135,036 GSF (100 %)

SETBACKS	REQUIRED	PROVIDED
FRONT YARD (WEST)	25'	7' & 71'-6" EXISTING
SIDE YARD (NORTH)	10'	75'-1" Existing 47'-3" New Exp.
SIDE YARD (SOUTH)	10'	286'-0" Existing
REAR YARD (EAST)	10'	22'-3" Existing 23'-0" New Exp.

LOT INFORMATION:	REQUIRED	PROVIDED
FRONTAGE	125'	505'
DIMENSIONS	125' X 200'	505' X 277'
DEPTH	200'	277.47' (North Pl.) / 252.71' (South Pl.)

NOTE 1: ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD1.0 & LD 2.0.

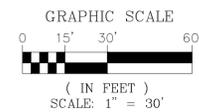
NOTE 2: ALL EXISTING WATER AND SEWER PIPING IS REQUIRED TO BE INSPECTED PRIOR TO MAKING AND CONNECTIONS TO VERIFY THE CONDITION. PROVIDE A PRE-CONSTRUCTION VIDEO INSPECTION OF EXISTING SANITARY SEWER PIPELINES WHICH NEW SEWER LINES ARE PROPOSED TO BE CONNECTED TOO.

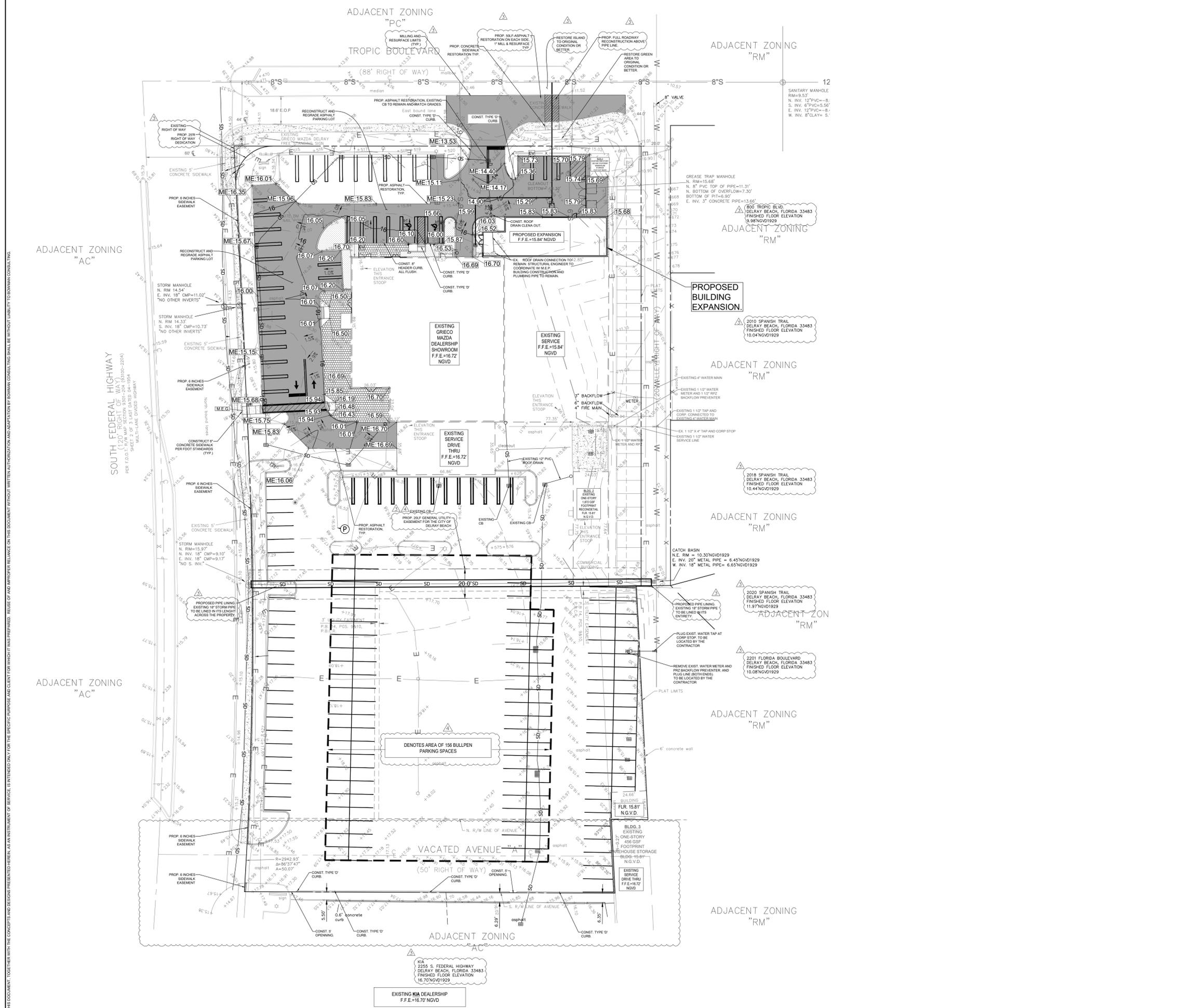
NO.	REVISION	DATE	DESCRIPTION
1		10/21/2022	TAC REV #1
2		08/04/2023	TAC REV #2
3		11/15/2023	TAC REV #3
4		04/03/2024	TAC REV #4

This item has been digitally signed and sealed by **Andres Mizrahi, P.E.** on the date adjacent to this seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. 04/12/2024

Andres Mizrahi, P.E. Florida License No. 92421		
RG DESIGN	PS DRAWN	AM CHKD
SCALE: 1" = 30'		
JOB No.: 011081-01-001		
DATE: 02/26/2024		
C-4.0		





Existing and New Building Square Feet		Allowable GSF Deductions for Parking Calculations:	
BLDG 1	1st Floor Existing Building = 21,998 sf		
	1st Floor Demo Service Bldg = 824 sf		-5,135 sf Existing Showroom Area
	1st Floor Service Expansion = 2,180 sf		
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	2nd Floor Paris Expansion = 2,180 sf		
	= 33,022 sf		
BLDG 2	Existing Detail Bays = 1,872 sf		
BLDG 3	Existing Warehouse Storage = 456 sf		
BLDG 4	Existing Warehouse Storage = 200 sf		
	BUILDING GSF = 35,550 GSF		-5,135 deductible GSF

SEC. 4.6.9 (C) Number of spaces required (3) Commercial use (f) Vehicle sales			
USE	AREA	RATIO	REQUIRED SPACES PROVIDED
BUILDING GROSS AREA (LESS SHOWROOM)	35,550 GSF (-5,135 GSF)	4 / 1000 SF	122 ONSITE REQUIRED
TOTAL PARKING			
SEC. 4.6.9 (C) Number of spaces required (3) Commercial use (f) Vehicle sales			
REQUIRED DESIGNATED PARKING BY USE			
USE	AREA	RATIO	REQUIRED SPACES PROVIDED
EMPLOYEE/CUSTOMER	30,415 GSF	2 / 1000 SF	61
EMPLOYEE SPACES TANDEM			53 employee
SERVICE BAY AREA	20 BAYS	1.5 / BAY	30
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TOTAL ON SITE PARKING			298

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OPEN SPACE: GREEN LANDSCAPE SPACE	11,669 GSF	(9 %)
NON FERVIIOUS: CONCRETE PAVER VEHICLE DISPLAY AREA	2,297 GSF	(2 %)
NON FERVIIOUS:		
SIDE WALK / TRANS PAD / CONC. CURBS / DUMPSTER AREA	2,442 GSF	(2 %)
TOTAL EXISTING SITE AREA PLUS 20' ROW	135,036 GSF	(100 %)

BUILDING SETBACKS:

SETBACKS	REQUIRED	PROVIDED
FRONT YARD (WEST)	25'	7' & 71'-6" EXISTING
SIDE YARD (NORTH)	10'	75'-3" Existing 47'-3" New Exp.
SIDE YARD (SOUTH)	10'	286'-0" Existing
REAR YARD (EAST)	10'	22'-3" Existing 23'-0" New Exp.

LOT INFORMATION:

FRONTAGE	REQUIRED	PROVIDED
FRONTAGE	125'	505'
DIMENSIONS	125' X 200'	505' X 277'
DEPTH	200'	277.47' (North PL) / 252.71' (South PL)

NOTE: ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD1.1 & LD 1.2.

Bowman

Certificate of Authorization License No. 94462
 13450 W. Sunrise Blvd., Suite 300
 Sunrise, FL 33323
 www.bowman.com
 Phone: (954) 314-8480

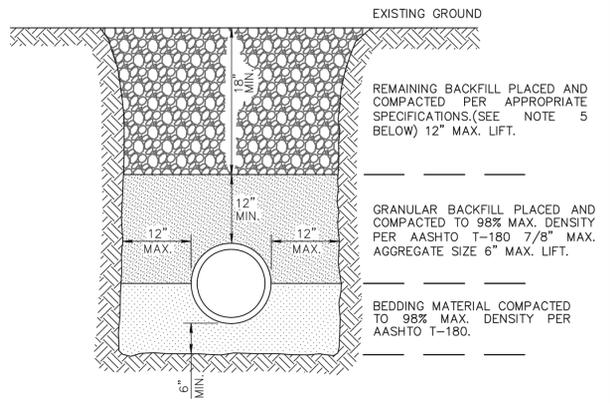
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3		11/15/2023	TAC REV #3
4		04/03/2024	TAC REV #4

PAVING, GRADING AND DRAINAGE PLAN
GRIECO DELRAY MAZDA
LEVEL II RENOVATION
 2001 SOUTH FEDERAL HIGHWAY
 PALM BEACH COUNTY, FLORIDA

This item has been digitally signed and sealed by Andres Mizrahi, P.E. on the date adjacent to this seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. 04/12/2024

Andres Mizrahi, P.E. Florida License No. 92421			
RG	PS	AM	
DESIGN	DRAWN	CHKD	
SCALE: 1" = 30'			
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C-5.0			



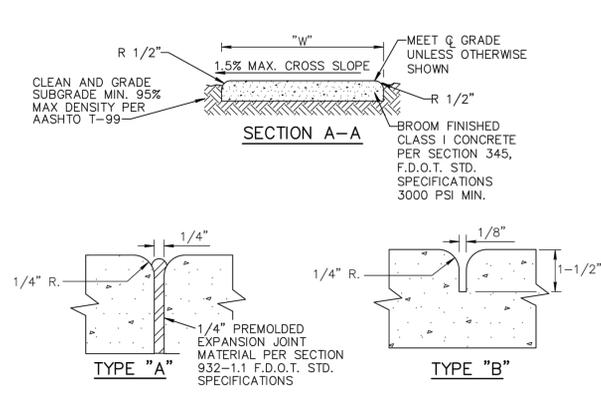
NOTES:

- UNSATURABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGE ROCKS SHALL BE REMOVED OFF SITE AND DISPOSED IN A PROPER LANDFILL; BEDDING MATERIAL AND BACKFILL CONSISTING OF WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING.
- THE PIPE AND/OR STRUCTURE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
- THE PIPE AND/OR STRUCTURE SHALL BE PLACED IN A DRY TRENCH.
- BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK, AND DEBRIS.
- COMPACT BACKFILL TO 98% DENSITY UNDER PAVEMENT AND TO 95% DENSITY ELSEWHERE (AASHTO T-180)
- COMPACTION AND DENSITY TESTS SHALL BE COMPLETED DURING BACKFILL OPERATIONS, CONTRACTORS NOT FOLLOWING THIS PROCEDURE, FOR WHATEVER REASONS, SHALL BE REQUIRED TO RE-EXCAVATE THE AREA IN QUESTION, DOWN TO THE BEDDING MATERIAL, THEN BACKFILL FOLLOWING THE ABOVE PROCEDURES.

CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

TYPICAL BACKFILL DETAIL

DATE: 09-15-2021
GU 2.0



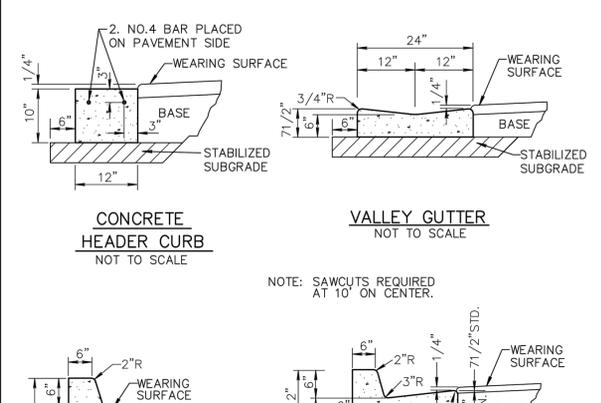
- NOTE:**
- ALL SIDEWALKS SHALL BE CONSTRUCTED THRU DRIVEWAYS.
 - ALL SIDEWALKS SHALL INCLUDE ADA COMPLIANT RAMPS @ INTERSECTIONS.
 - ALL SIDEWALKS SHALL INCLUDE CROSS SLOPE AND RUNNING SLOPE IN ACCORDANCE WITH ADA REQUIREMENTS.
 - CURB RAMP DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH OF THE RAMP AND 24" DEEP

TABLE OF SIDEWALK THICKNESS - "T"		TABLE OF SIDEWALK JOINTS	
GENERAL AREAS	"T"	TYPE	LOCATION
WITHIN 10' OF CROSS-STREETS, AT DRIVEWAYS & OTHER AREAS	6", 9" @ F.O.P.	"A"	P.C. AND P.T. OF CURVES JUNCTION OF EXISTING & NEW SIDEWALKS & EVERY 30'
TABLE OF SIDEWALK WIDTHS - "W"		"B"	5'-0" CENTER TO CENTER ON SIDEWALKS SCORED DURING PLACEMENT OR SAWCUT WITHIN 24 HOURS OF PLACEMENT.
SINGLE-FAMILY AREAS	5'	"A"	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES.
MULTI-FAMILY AREAS	5'		

CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

SIDEWALK CONSTRUCTION

DATE: 09-15-2021
RT 18.1

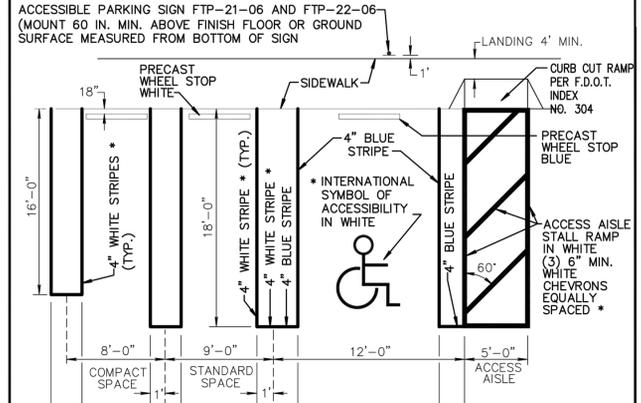


- NOTES:**
- ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING.
 - SAWCUTS AT 10' ON CENTER SHALL BE MADE WITHIN 24 HOURS OF CONCRETE PLACEMENT.

CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

CURB AND GUTTER SECTIONS

DATE: 09-15-2021
RT 19.0



- * NOTES:**
- ON LIGHT COLORED SURFACE I.E. CONCRETE ALL ACCESSIBLE MARKINGS SHALL BE BLUE AND STANDARD PARKING STRIPING SHALL BE 3" WHITE WITH 1" BLACK BORDER.
 - ALL STRIPING WITHIN PUBLIC RIGHT-OF-WAY SHALL BE 6 INCHES.
 - ALL MEASUREMENTS ARE FROM CENTER LINE.
 - ALL COMPACT SPACES MUST HAVE "COMPACT" STENCILED WITH BLACK PAINT ON WHEEL STOP.
 - BLUE STRIPE & INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WALKWAY ON CONCRETE.
 - 24" STOP BAR BETWEEN ALL PARKING LOTS AND PUBLIC R/W SHALL BE THERMOPLASTIC AND PER FDOT SPECIFICATIONS AND STOP SIGN R1-1 THERMOPLASTIC AND PER FDOT SPECIFICATIONS AND STOP SIGN R1-1
 - CHANGES IN LEVEL ARE NOT PERMITTED IN ACCESSIBLE PARKING STALLS AND ACCESS AISLES SERVING THE STALLS. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

TYPICAL PARKING SPACES (1 OF 3)

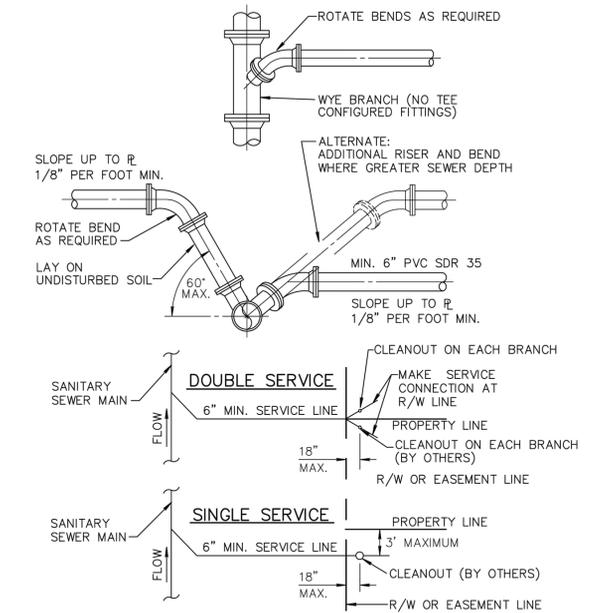
DATE: 09-15-2021
RT 16.0

- GRAVITY SEWER NOTES**
- MANHOLES SHALL BE INSPECTED BY THE ENGINEER BEFORE PLACEMENT AND SURFACE TREATMENT.
 - ALL OPENINGS IN PRECAST MANHOLES SHALL BE CAST AT TIME OF MANUFACTURE. CONNECTIONS TO EXISTING MANHOLES SHALL BE CORE ENTRY ONLY.
 - ALL MANHOLES SHALL BE SET PLUMB TO LINE AND GRADE.
 - (PVC) GRAVITY SEWER PIPE SHALL CONFORM TO ASTM D 3034, SDR 35, LATEST REVISIONS, WITH PUSH ON RUBBER GASKET JOINTS.
 - (DIP) GRAVITY SEWER PIPE SHALL BE CLASS 350, 401 EPOXY LINED OR AS OTHERWISE APPROVED BY UTILITIES DEPARTMENT.
 - NO SERVICE CONNECTIONS, WYES, SERVICES OR VALVES WILL BE PERMITTED IN RESIDENTIAL DRIVEWAYS.
 - MANHOLE FRAMES SHALL BE ATTACHED TO THE PRECAST STRUCTURE WITH A MINIMUM OF TWO 3/4" 316 STAINLESS STEEL BOLTS, NUTS AND WASHERS. FRAMES SHALL BE SEALED WITH A MINIMUM OF TWO 1/2" BEADS OF RAM-NEK CAULKING.
 - TRENCHES SHALL BE DE-WATERED TO ENABLE PIPE AND APPURTENANCES TO BE INSTALLED FREE OF WATER ON UNDISTURBED SOIL. IF UNSUITABLE SUBSURFACE MATERIAL IS ENCOUNTERED, EXCAVATE EXTRA 6" AND BACKFILL WITH 3/4" GRAVEL.
 - PVC SHALL BE LAID IN STRICT CONFORMANCE TO MANUFACTURER'S SPEC (JOHNS MANVILLE RING TITE PVC PIPE INSTALLATION GUIDE OR EQUAL). BACKFILLING OF UTILITY TRENCHES WILL NOT BE ALLOWED UNTIL INSPECTED BY THE ENGINEER.
 - BACKFILL MATERIAL FOR SEWER MAIN AND LINES SHALL BE NON-COHESIVE, NON PLASTIC MATERIAL FREE OF ALL DEBRIS, LUMPS AND ORGANIC MATTER. BACKFILL MATERIAL PLACED WITHIN ONE (1) FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO (2) INCHES IN DIAMETER (1" FOR PVC PIPE) AND NO STONES LARGER THAN SIX (6) INCHES IN DIAMETER WILL BE PERMITTED IN ANY BACKFILL.
 - ALL EXCAVATION IN EXISTING RIGHT OF WAY SHALL BE BACKFILLED AND STABILIZED AT THE END OF EACH DAY TO PERMIT PEDESTRIAN AND VEHICULAR TRAFFIC PRIOR TO THE CONTRACTOR LEAVING THE SITE.
 - WHERE SEWER IS NOT WITHIN PUBLIC R/W, IT IS TO BE LOCATED IN A 12' UTILITY EASEMENT. CITY MAINTENANCE RESPONSIBILITY IS MANHOLE TO MANHOLE ONLY.
 - UPON COMPLETION OF THE WORK AND PRIOR TO PLACEMENT OF ASPHALT A VISUAL INSPECTION BY THE ENGINEER SHALL BE MADE OF THE COMPLETED SYSTEM ALONG WITH A LOW PRESSURE AIR TEST. AFTER ROCK BASE FINISHED & PRIMED, OR 1ST LIFT OF ASPHALT PLACED. AFTER ALL OTHER TESTING HAS BEEN COMPLETED, A CD VIDEO RECORDING SHALL BE MADE BY THE CONTRACTOR AND APPROVED BY THE ENGINEER, BEFORE THE LENGTHS ARE ACCEPTED FOR MAINTENANCE.
 - EACH LINE SEGMENT SHALL BE LAMPED TO DETERMINE PROPER ROUNDNESS.
 - COMPLETE "AS BUILT" INFORMATION RELATIVE TO MANHOLES, VALVES, SERVICES FITTINGS, PIPE LENGTHS, INVERTS AND SLOPES SHALL BE ACCURATELY RECORDED & SUBMITTED TO THE ENGINEER CITY SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR.
 - AT THE END OF THE ONE (1) YEAR WARRANTY PERIOD THE DEVELOPER/CONTRACTOR WILL T.V. INSPECT, AIR TEST EVERY JOINT, AND CHECK MANHOLE JOINTS AND CONNECTIONS TO DETERMINE IF REPAIRS ARE NECESSARY BEFORE THE WARRANTY BOND IS RELEASED.
 - NO PROPOSED STRUCTURES SHALL BE INSTALLED WITHIN A HORIZONTAL DISTANCE OF 10- FEET FROM ANY EXISTING OR PROPOSED SANITARY SEWER FACILITY.
 - ANY PIPE INTRODUCED INTO AN EXISTING MANHOLE MUST HAVE CARBOLINE BITUMASTIC 300M OR APPROVED EQUAL APPLIED EXTERNALLY WITHIN A MINIMUM 2-FOOT RADIUS OF OPENING AND THE ENTIRE MANHOLE MUST HAVE SEWPER COAT OR APPROVED EQUAL APPLIED INTERNALLY.
 - ANY REHABILITATION TO AN EXISTING MANHOLE MUST BE INTERNALLY STRIPPED AND LINED WITH SEWPER COAT OR APPROVED EQUAL.

CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

GRAVITY SEWER NOTES

DATE: 09-15-2021
WW 1.0

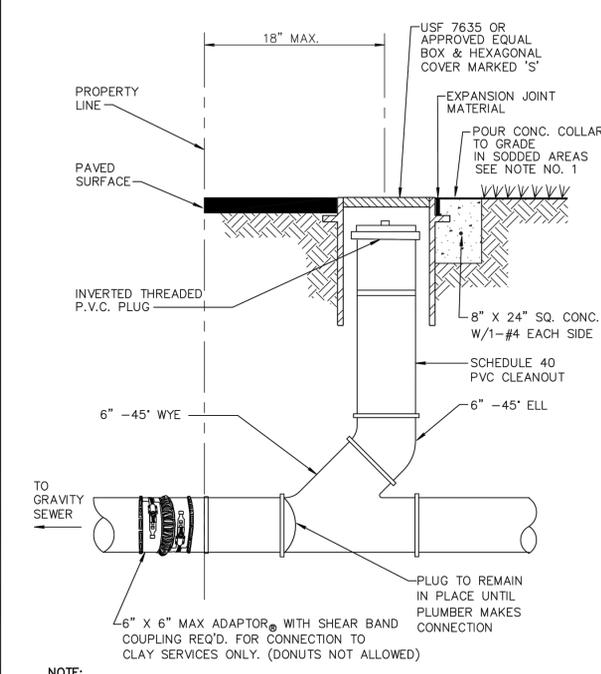


- NOTE:**
- SERVICE LATERALS SHALL TERMINATE INSIDE PROPERTY LINE A DEPTH OF 3 FEET AND MARKED WITH A 2" X 4" TREATED STAKE.
 - CLEANOUT INSTALLATION SHALL BE PROPERTY OWNERS RESPONSIBILITY AND SHALL BE INSTALLED BY LICENSED PLUMBER.
 - SEE DETAIL PW 2.0 FOR SEPARATION REQUIREMENTS.

CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

SEWER SERVICE CONNECTION

DATE: 09-15-2021
WW 8.0

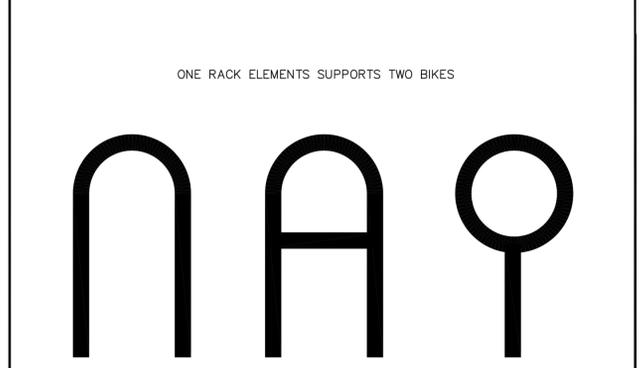


- NOTE:**
- INVERTED BRASS CAP SHALL BE USED IN GRASS AREAS IN LIEU OF CASTING AND CONE COLLAR.
 - MINIMUM DEPTH OF SERVICE LATERAL SHALL BE 3 FEET.

CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

TYPICAL COMMERCIAL CLEANOUT

DATE: 09-15-2021
WW 10.0



THE LOCATION OF THE BICYCLE RACK SHOULD BE SUCH THAT IT IS VISIBLE AND IS COMPLIANT WITH THE CURRENT VERSION OF THE PROPOSED ACCESSIBILITY, GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY (PROWAG) PREFERABLY ON THE APPROACH SIDE OF THE BUILDING OR STRUCTURE. PARKING IS EXPECTED, AT LEAST 50% OF THE BICYCLE PARKING SPOTS SHOULD BE COVERED BY AN OVERHANG OR ACTUAL STORAGE FACILITY. UPPER ELEMENTS OF THE BICYCLE RACK SHOULD NOT PROTRUDE, CREATING AN OBSTACLE FOR A BLIND TRAVELER. THE COLOR OF THE BICYCLE RACK IS 3275 ENGINEERING GRADE/COLOR BLUE.

CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

BICYCLE RACK

DATE: 09-15-2021
RT 35.0

Bowman

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Sunrise, FL 33323
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Phone: (954) 314-8480

NO.	REVISION	DESCRIPTION	DATE

CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

ENGINEERING DETAILS

DATE: 09-15-2021
RT 16.0

GRIECO DELRAY MAZDA
LEVEL II RENOVATION
2001 SOUTH FEDERAL HIGHWAY
PALM BEACH COUNTY, FLORIDA

ENGINEERING DETAILS

This item has been digitally signed and sealed by Andres Mizrahi, P.E. on the date adjacent to this seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. 04/12/2024

ANDRES MIZRAHI, P.E.
FLORIDA LICENSE NO. 92421

STATE OF FLORIDA
PROFESSIONAL ENGINEER

Andres Mizrahi, P.E.
Florida License No. 92421

RG PS AM
DESIGN DRAWN CHKD

SCALE: NTS

JOB No.: 011081-01-001

DATE: 02/26/2024

SHEET C-6.0