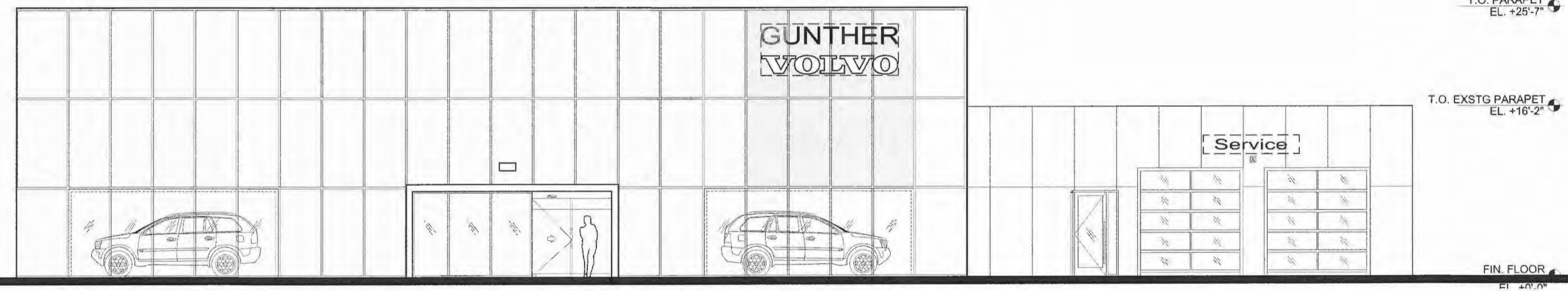


NEW SHOWROOM AND SERVICE RECEPTION:

GUNTHER



4350 NORTH STATE ROAD 7
COCONUT CREEK, FL 33073



FRONT ELEVATION
SCALE: 1/8"

- JURISDICTION: CITY OF COCONUT CREEK, FLORIDA
- ADDRESS: 4350 NORTH STATE ROAD 7
- ZONING DESIGNATION: PMDD
EXISTING
- OCCUPANCY: VOLVO:
GROUP B (BUSINESS) - SHOWROOM/ OFFICES

VOLKSWAGEN:
GROUP B (BUSINESS) - SHOWROOM/ OFFICES
GROUP S-1 (STORAGE) - SERVICE/ PARKING GARAGE
GROUP S-2 (STORAGE) - PARTS
- CURRENT LAND USE: RAC
- LAND USE: TRANSIT ORIENTED CORRIDOR
- SITE AREA:
GROSS SITE (TRACTS A & C) 770,742 (17.639 ACRES) PER SURVEY
- BUILDING HEIGHT:
PROVIDED VOLVO:
+25'-7" ((1 STORY) TOP OF PARAPET)

VOLKSWAGEN:
+43'-7" (T.O. PARKING GARAGE TOWER)
- WATER SERVICE: CITY OF COCONUT CREEK
- SEWER SERVICE: CITY OF COCONUT CREEK

SITE CALCULATIONS - EXISTING & PROPOSED

GROSS SITE AREA		770,742 SF (17.639 ACRES)	
(ALL OF PLAT TRACTS A & C - AREA PER SURVEY)			
SITE COVERAGES		EXISTING	PROPOSED
BUILDING FOOTPRINT	114,081 SF (14.8% OF SITE)	122,657 SF (15.9% OF SITE)	
SIDEWALKS	24,758 SF (3.2% OF SITE)	24,915 SF (3.2% OF SITE)	
VEHICULAR USE AREAS	311,345 SF (40.4% OF SITE)	304,101 SF (39.5% OF SITE)	
TOTAL IMPERVIOUS AREA	450,182 SF (58.4% OF SITE)	451,673 SF (58.6% OF SITE)	
ON-SITE LAKE	132,249 SF (17.2% OF SITE)	132,249 SF (17.2% OF SITE)	
LANDSCAPE / GREEN AREA	186,311 SF (24.4% OF SITE)	186,820 SF (24.2% OF SITE)	
TOTAL PERVIOUS AREA	320,560 SF (41.6% OF SITE)	319,069 SF (41.4% OF SITE)	
GRAND TOTAL	770,742 SF 100%	770,742 SF 100%	

SITE PARKING CALCULATIONS:

REQUIRED PARKING	EXISTING AREA	PARKING REQUIRED	PROPOSED AREA	PARKING REQUIRED
VOLKSWAGEN SHOWROOM	1/200 sq.ft. = 6,842	= 34	6,842	= 34
SHOWROOM GENERAL OFFICE	1/300 sq.ft. = 8,408	= 28	8,408	= 28
PARTS STORAGE	1/500 sq.ft. = 11,779	= 24	11,779	= 24
SERVICE OFFICE	1/300 sq.ft. = 6,137	= 21	6,137	= 21
ADMINISTRATIVE OFFICES	1/300 sq.ft. = 6,952	= 23	6,952	= 23
SERVICE BAYS	1/150 sq.ft. = 35,056	= 234	35,056	= 234
VOLVO PRE-OWNED OFFICES	1/300 sq.ft. = 3,269	= 11	3,221	= 11
NEW SHOWROOM & OFFICES	1/300 sq.ft. = 0	= 0	8,573	= 29
GRAND TOTAL	78,252	375	86,768	404

PROVIDED PARKING	EXISTING	PROPOSED
VOLKSWAGEN SURFACE PARKING	288 (TOTAL) 88 CUSTOMER 46 DISPLAY 154 INVENTORY	288 (TOTAL) 88 CUSTOMER 46 DISPLAY 154 INVENTORY
PARKING GARAGE LEVEL 1	83 CUSTOMER PARKING	83 CUSTOMER PARKING
LEVEL 2	175 INVENTORY (SHARED)	175 INVENTORY (SHARED)
LEVEL 3	166 EMPLOYEE	166 EMPLOYEE
VOLVO SURFACE PARKING	450 (TOTAL) 22 CUSTOMER 16 EMPLOYEE 100 DISPLAY 312 INVENTORY (SHARED)	415 (TOTAL) 52 CUSTOMER 16 EMPLOYEE 35 DISPLAY 312 INVENTORY (SHARED)
TOTAL PARKING	1,162 PARKING SPACES 375 PROVIDED PARKING 146 DISPLAY PARKING 154 INVENTORY 487 INVENTORY (SHARED)	1,127 PARKING SPACES 405 PROVIDED PARKING 81 DISPLAY PARKING 154 INVENTORY 487 INVENTORY (SHARED)

ACCESSIBLE PARKING 301-400 SPACES = 8 8

ELECTRIC RECHARGE PARKING (ER) 2 SPACES (PROVIDED)

BICYCLE PARKING 1 RACK PROVIDED @ 3 BICYCLES PER RACK = 3 BICYCLES

BUILDING SITE SETBACK DATA

YARD SETBACK	REQUIRED	PROVIDED	VW DEALERSHIP	VOLVO SHOWROOM	SERVICE	GARAGE
FRONT (WEST)	100'	113.47'	113.47'	106.70'	321.56'	310.85'
NORTH SIDE	25'	374.70'	374.70'	126.95'	63.87'	79.20'
SOUTH SIDE	25'	91.9'	91.9'			484.52'
REAR	25'					

OPEN SPACE CALCULATION

PROP. SITE TOTAL OPEN SPACE REQUIRED (16%) = 123,319 SF (2.831 AC.)
(INCLUDES ALL OF PLAT TRACTS 'A' & 'C' - TOTAL AREA OF 17.693 ACRES)

REQUIRED OPEN SPACE	ACRES	%
PARK & GREENWAY TRAIL (PERVIOUS AREA)	0.118	0.67
LANDSCAPE BUFFERS	1.160	6.67
OTHER PERVIOUS AREAS / GREEN ROOFTOPS	2.903	16.62
WATER BODIES		
WIDTH GREATER THEN 100 FEET = 100% CREDIT	3.036	17.2
WIDTH GREATER THEN 60 FEET = 50% CREDIT	0	0
WIDTH LESS THEN 60 FEET = 0% CREDIT	0	0
TOTAL (PROVIDED)	7.313	41.34

OPEN SPACE BONUS	ACRES	%
PARK & GREENWAY TRAIL	0.330	1.86
PUBLIC PLAZA	0	0
PUBLIC GATHERING AREA	0	0
OUTDOOR PUBLIC RECREATION	0	0
WATER BODIES - 100%		
(WIDTH LESS THEN 60 FEET WITH PEDESTRIAN SIDEWALKS/BRIDGES)	0	0
TOTAL (PROVIDED)	0.330	1.86

INDEX OF DRAWINGS

ARCHITECTURAL

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SURV-2	BOUNDARY SURVEY
SURV-3	BOUNDARY SURVEY
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A-1.0	PARTIAL SITE PLAN
A-1.1	SITE FIRE TRUCK SIMULATION PLAN
A-1.2	SITE DETAILS
A-2.0	FLOOR PLAN
A-3.0	EXTERIOR ELEVATIONS
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C-01	COVER SHEET
C-02	GENERAL NOTES
C-03	TYPICAL SECTIONS AND PAVING DETAILS
C-04	MISCELLANEOUS DETAILS
C-05	DEMOLITION, POLLUTION PREVENTION PLAN
C-06	GRADING AND DRAINAGE PLAN
C-07	PAVING, GEOMETRY, SIGNING & MARKING
C-08	DRAINAGE DETAILS AND NOTES
C-09	PREVENTION PLAN DETAILS

LANDSCAPE

LP-1	LANDSCAPE AND TREE DISPOSITION PLAN
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SITE LIGHTING

PH-1.1	SITE PHOTOMETRIC PLAN
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OWNER
GUNTHER MOTORS COMPANY
1660 SOUTH STATE ROAD 7
FORT LAUDERDALE, FL 33317
(954) 590-3820

ARCHITECT
STILES ARCHITECTURAL GROUP
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(954) 627-9180

SURVEYOR
STONER & ASSOCIATES
4341 SOUTHWEST 62ND AVENUE
DAVIE, FLORIDA 33314
PH: (954) 585-0997
FAX: (954) 585-3927

LANDSCAPE ARCHITECTS
MICHAEL J. PETROW & ASSOCIATES
P.O. BOX 8801
CORAL SPRINGS, FL 33075
(954) 752-7762

MECHANICAL, ELECTRICAL, & PLUMBING ENGINEERS
KAMM CONSULTING
1407 W. NEWPORT CENTER DR.
DEERFIELD BEACH, FL 33442
(954) 949-2200

CIVIL ENGINEER
JOSEPH ROLES AND ASSOC., INC.
7501 NW 4TH ST.
SUITE 107
PLANTATION, FL 33317
PH: (954) 581-1945
FAX: (954) 321-9727

CONSULTANTS

LEGAL DESCRIPTION:

TRACT A AND TRACT C, WHITWORTH PLAT NO. 1, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 164, PAGE 1, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

LAND DESCRIPTION



LOCATION MAP

REVISIONS:

CITY REVIEW COMMENTS
01.16.17

SEAL

CONSULTANT

STILES ARCHITECTURAL GROUP
301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627 - 9180 33301
FL. REG # AA-26001798

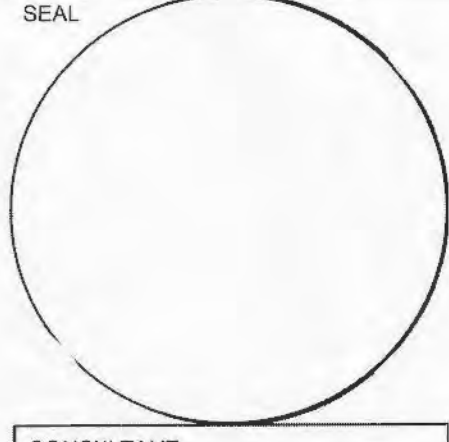
NEW SHOWROOM AND SERVICE RECEPTION:
GUNTHER VOLVO - COCONUT CREEK
4350 NORTH STATE ROAD 7
COCONUT CREEK, FL 33073

COVER SHEET

COVER

PROJECT NO.
72889
DRAWN BY:
G.L. / K.C.
CHECKED BY:
J.P.
DATE:
February 7, 2017

REVISIONS:

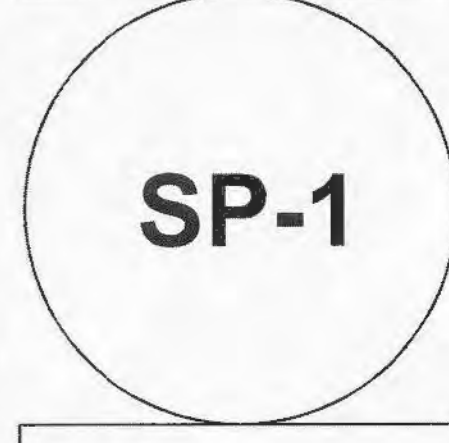


CONSULTANT

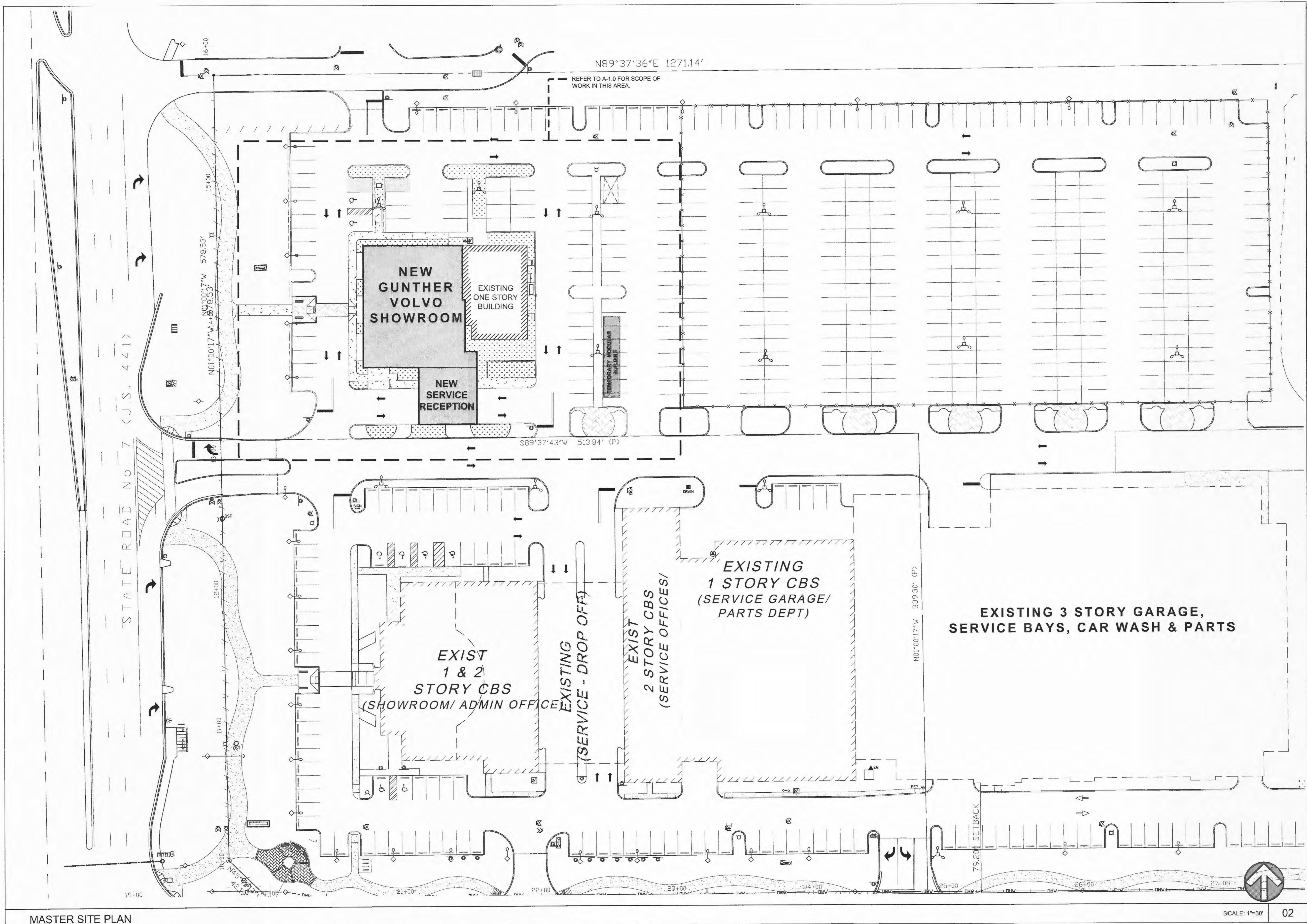
STILES ARCHITECTURAL GROUP
 301 East Las Olas Blvd
 Fort Lauderdale, Florida
 954 - 627- 9180 33301
 FL. REG # AA-26001798

NEW SHOWROOM AND SERVICE RECEPTION:
GUNTHER VOLVO - COCONUT CREEK
 4350 NORTH STATE ROAD 7
 COCONUT CREEK, FL 33073

MASTER SITE PLAN



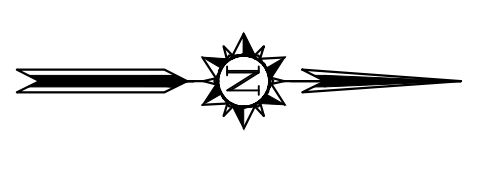
PROJECT NO. 7388
 DRAWN BY: G.L./K.C.
 CHECKED BY: J.P.
 DATE: February 6, 2017



MASTER SITE PLAN

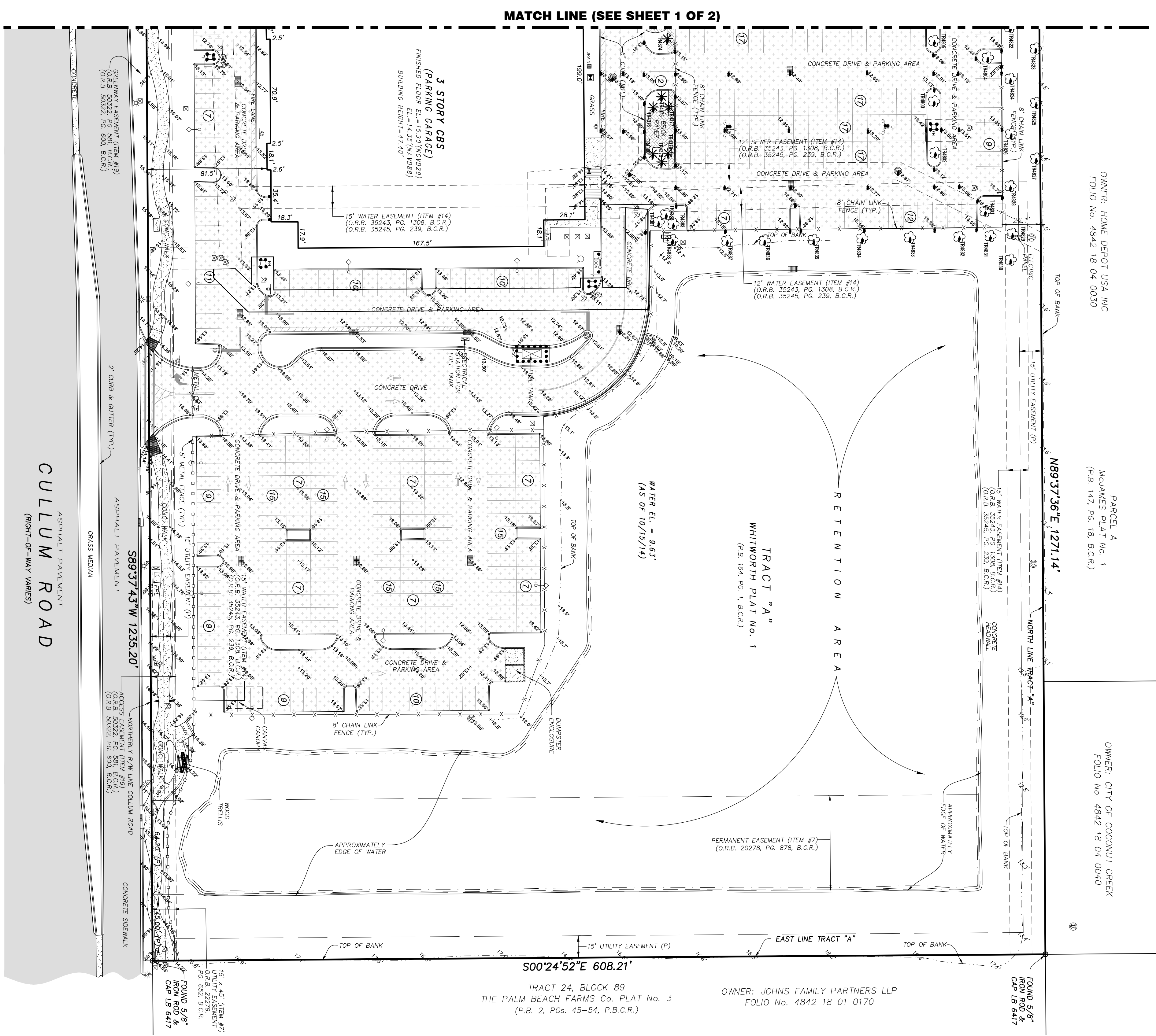
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ALTA/ACSM LAND TITLE SURVEY



SCALE: 1" = 40'
0 20 40
GRAPHIC SCALE

- LEGEND:**
- B.C.R. BROWARD COUNTY RECORDS
 - P.L.R. PALM BEACH COUNTY RECORDS
 - O.R.B. OFFICIAL RECORD BOOK
 - P.A.S. PAGE
 - P.L.S. PROFESSIONAL LAND SURVEYOR
 - C.O.B. CONCRETE
 - C.L.C. CHAIN LINK FENCE
 - (P) PERMANENT
 - (TYP) TYPICAL
 - INSERT
 - INVERT
 - ELEVATION
 - FINISHED FLOOR ELEVATION
 - A/C AIR CONDITIONING UNIT/SUB
 - FLD.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
 - DOUBLE SUPPORT SIGN
 - CONCRETE LIGHT POLE
 - CONCRETE LIGHT POLE
 - WIRE POLE BOX
 - WATER VALVE
 - SEWER VALVE
 - SAUNTRY SEWER MANHOLE
 - ANCHOR OR GUY WIRE
 - IRADIATION BOX
 - BACKFLOW PREVENTER
 - DOUBLE DETECTOR CHECK VALVE
 - FASE PROXY
 - ELECTRIC METER
 - TELEPHONE RESERVOIR
 - WATER METER
 - WOOD POWER POLE
 - STEEL DRAINAGE MANHOLE
 - WOOD PAVEMENT
 - YARD PAVEMENT
 - CLEAN OUT
 - ELECTRIC PANEL
 - TRASH CAN
 - THERMO PADS
 - CONCRETE DRIVE
 - CONCRETE DRIVE
 - NUMBER OF PARKING SPACES
 - HANDICAPPED SPACE
 - NON-RESIDUAL ACCESS LINE
 - EXISTING SURFACE ELEVATION N.A.V.D. 1988



OWNER: HOME DEPOT USA INC
FOLIO No. 4842 18 04 0030

PARCEL A
McJAMES PLAT No. 1
(P.B. 147, PG. 18, B.C.R.)

OWNER: CITY OF COCONUT CREEK
FOLIO No. 4842 18 04 0040

TRACT "A"
WHITWORTH PLAT No. 1
(P.B. 164, PG. 1, B.C.R.)

TRACT 24, BLOCK 89
THE PALM BEACH FARMS Co. PLAT No. 3
(P.B. 2, PGS. 43-54, P.B.C.R.)

OWNER: JOHNS FAMILY PARTNERS LLP
FOLIO No. 4842 18 01 0170

TREE ID#	COMMON NAME	TRUNK DIAMETER	COMMENTS
4339	PALM CLUSTER	72"	
4340	QUEEN PALM	10"	
4341	QUEEN PALM	7"	
4342	ROYAL PALM	15"	
4343	QUEEN PALM	7"	
4344	QUEEN PALM	7"	
4345	QUEEN PALM	9"	
4346	QUEEN PALM	7"	
4347	QUEEN PALM	9"	
4348	QUEEN PALM	9"	
4349	QUEEN PALM	9"	
4350	QUEEN PALM	10"	
4351	QUEEN PALM	10"	
4352	QUEEN PALM	10"	
4353	QUEEN PALM	10"	
4354	QUEEN PALM	9"	
4355	QUEEN PALM	9"	
4356	OAK TREE	10"	
4357	OAK TREE	10"	
4358	OAK TREE	10"	
4359	QUEEN PALM	8"	
4360	QUEEN PALM	8"	
4361	QUEEN PALM	10"	
4362	QUEEN PALM	6"	
4363	QUEEN PALM	7"	
4364	QUEEN PALM	7"	
4365	QUEEN PALM	7"	
4366	QUEEN PALM	6"	
4367	QUEEN PALM	9"	
4368	QUEEN PALM	8"	
4369	QUEEN PALM	8"	
4370	QUEEN PALM	8"	
4371	QUEEN PALM	8"	
4372	QUEEN PALM	8"	
4373	QUEEN PALM	8"	
4374	QUEEN PALM	8"	
4375	QUEEN PALM	7"	
4376	QUEEN PALM	7"	
4377	QUEEN PALM	9"	
4378	QUEEN PALM	9"	
4379	QUEEN PALM	9"	
4380	QUEEN PALM	7"	
4381	MAPLE TREE	4"	
4382	MAPLE TREE	3"	
4383	MAPLE TREE	3"	
4384	QUEEN PALM	8"	
4385	QUEEN PALM	8"	
4386	QUEEN PALM	8"	
4387	QUEEN PALM	8"	
4388	QUEEN PALM	8"	
4389	QUEEN PALM	8"	
4390	QUEEN PALM	8"	
4391	QUEEN PALM	8"	
4392	QUEEN PALM	8"	
4393	QUEEN PALM	8"	
4394	OAK TREE	6"	
4395	OAK TREE	6"	
4396	SOUTHERN PALM	4"	
4397	SOUTHERN PALM	4"	
4398	QUEEN PALM	9"	
4399	QUEEN PALM	9"	
4400	QUEEN PALM	10"	
4401	OAK TREE	5"	
4402	QUEEN PALM	5"	
4403	QUEEN PALM	5"	
4404	QUEEN PALM	5"	
4405	OAK TREE	9"	
4406	OAK TREE	8"	
4407	OAK TREE	10"	
4408	OAK TREE	6"	
4409	OAK TREE	6"	
4410	OAK TREE	6"	
4411	OAK TREE	6"	
4412	OAK TREE	6"	
4413	UNKNOWAN TREE	12"	
4414	OAK TREE	9"	
4415	UNKNOWAN TREE	13"	
4416	OAK TREE	8"	
4417	UNKNOWAN TREE	12"	
4418	OAK TREE	9"	
4419	UNKNOWAN TREE	5"	
4420	OAK TREE	9"	
4421	UNKNOWAN TREE	9"	
4422	UNKNOWAN TREE	4"	
4423	UNKNOWAN TREE	10"	
4424	OAK TREE	10"	
4425	UNKNOWAN TREE	10"	
4426	UNKNOWAN TREE	10"	
4427	OAK TREE	5"	
4428	UNKNOWAN TREE	12"	
4429	OAK TREE	10"	
4430	OAK TREE	10"	
4431	MAPLE TREE	5"	
4432	MAPLE TREE	3"	
4433	MAPLE TREE	3"	
4434	MAPLE TREE	3"	
4435	MAPLE TREE	3"	
4436	MAPLE TREE	3"	
4437	MAPLE TREE	3"	
4438	MAPLE TREE	3"	

TREE ID#	COMMON NAME	TRUNK DIAMETER	COMMENTS
4451	QUEEN PALM	6"	
4452	QUEEN PALM	10"	
4453	QUEEN PALM	7"	
4454	QUEEN PALM	9"	
4455	QUEEN PALM	7"	
4456	UNKNOWAN TREE	7"	
4457	OAK TREE	14"	
4458	OAK TREE	9"	
4459	UNKNOWAN TREE	18"	
4460	OAK TREE	12"	
4461	UNKNOWAN TREE	11"	
4462	OAK TREE	9"	
4463	UNKNOWAN TREE	15"	
4464	UNKNOWAN TREE	5"	
4465	OAK TREE	12"	
4466	UNKNOWAN TREE	14"	
4467	OAK TREE	11"	
4468	UNKNOWAN TREE	24"	
4469	OAK TREE	13"	
4470	UNKNOWAN TREE	20"	
4471	OAK TREE	11"	
4472	UNKNOWAN TREE	18"	
4473	UNKNOWAN TREE	12"	
4474	OAK TREE	7"	
4475	OAK TREE	6"	
4476	OAK TREE	7"	
4477	OAK TREE	8"	
4478	OAK TREE	8"	
4479	OAK TREE	9"	
4480	UNKNOWAN TREE	5"	
4481	UNKNOWAN TREE	6"	
4482	OAK TREE	7"	
4483	OAK TREE	6"	
4484	UNKNOWAN TREE	7"	
4485	UNKNOWAN TREE	7"	
4486	QUEEN PALM	12"	
4487	QUEEN PALM	7"	
4488	UNKNOWAN TREE	8"	
4489	UNKNOWAN TREE	8"	
4490	QUEEN PALM	9"	
4491	QUEEN PALM	8"	
4492	QUEEN PALM	8"	
4493	QUEEN PALM	8"	
4494	OAK TREE	6"	
4495	OAK TREE	6"	
4496	SOUTHERN PALM	4"	
4497	SOUTHERN PALM	4"	
4498	UNKNOWAN TREE	9"	
4499	UNKNOWAN TREE	10"	
4500	OAK TREE	5"	
4501	QUEEN PALM	5"	
4502	QUEEN PALM	5"	
4503	QUEEN PALM	5"	
4504	QUEEN PALM	5"	
4505	OAK TREE	9"	
4506	OAK TREE	8"	
4507	OAK TREE	10"	
4508	OAK TREE	6"	
4509	OAK TREE	6"	
4510	OAK TREE	6"	
4511	OAK TREE	6"	
4512	OAK TREE	6"	
4513	UNKNOWAN TREE	12"	
4514	OAK TREE	9"	
4515	UNKNOWAN TREE	13"	
4516	OAK TREE	8"	
4517	UNKNOWAN TREE	12"	
4518	OAK TREE	9"	
4519	UNKNOWAN TREE	5"	
4520	OAK TREE	10"	
4521	UNKNOWAN TREE	10"	
4522	UNKNOWAN TREE	10"	
4523	UNKNOWAN TREE	10"	
4524	UNKNOWAN TREE	10"	
4525	UNKNOWAN TREE	10"	
4526	UNKNOWAN TREE	10"	
4527	OAK TREE	9"	
4528	OAK TREE	5"	
4529	UNKNOWAN TREE	5"	
4530	UNKNOWAN TREE	4"	
4531	ROYAL PALM	18"	
4532	ROYAL PALM	15"	
4533	ROYAL PALM	15"	
4534	ROYAL PALM	18"	
4535	ROYAL PALM	18"	
4536	ROYAL PALM	15"	
4537	QUEEN PALM	7"	
4538	QUEEN PALM	8"	
4539	QUEEN PALM	8"	
4540	QUEEN PALM	10"	
4541	QUEEN PALM	10"	
4542	QUEEN PALM	8"	
4543	UNKNOWAN TREE	8"	
4544	UNKNOWAN TREE	4"	
4545	UNKNOWAN TREE	3"	
4546	UNKNOWAN TREE	12"	
4547	UNKNOWAN TREE	8"	
4548	UNKNOWAN TREE	5"	
4549	UNKNOWAN TREE	9"	
4550	QUEEN PALM	8"	

DATE OF FIELD SURVEY: 6/21/12

DRAWN: DRL

CHECKED: RGC

FIELD BOOK: BOOK 185 & FIELD DATA COLLECTOR

SKETCH OF BOUNDARY AND LIMITED TOPOGRAPHIC SURVEY OF:

GUNTHER VOLKSWAGEN

4300 N STATE ROAD 7

CITY OF COCONUT CREEK, BROWARD COUNTY, FLORIDA

TEL (954) 585-0977
FAX (954) 585-3927

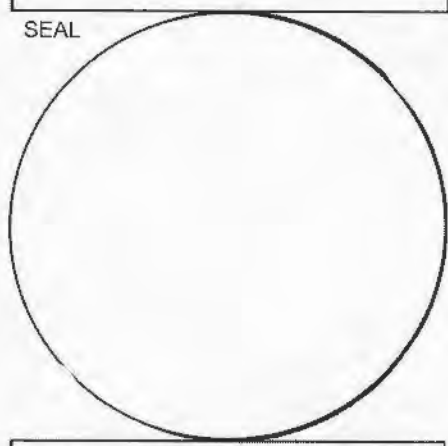
STONER & ASSOCIATES, INC.
SURVEYORS - MAPPERS
Florida Licensed Survey
and Mapping Business No. 6633

4341 S.W. 62nd AVENUE TOWN OF DAVIE, FLORIDA 33314

NO.	REVISION	DATE BY :

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REVISIONS:
▲ CITY REVIEW COMMENTS 01.16.17



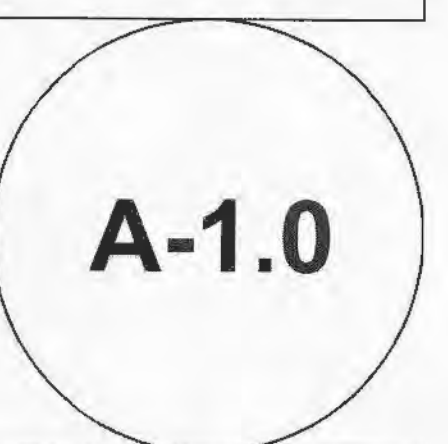
CONSULTANT

STILES ARCHITECTURAL GROUP
 301 East Las Olas Blvd
 Fort Lauderdale, Florida
 954 - 627- 9180 33301
 FL. REG # AA-26001798



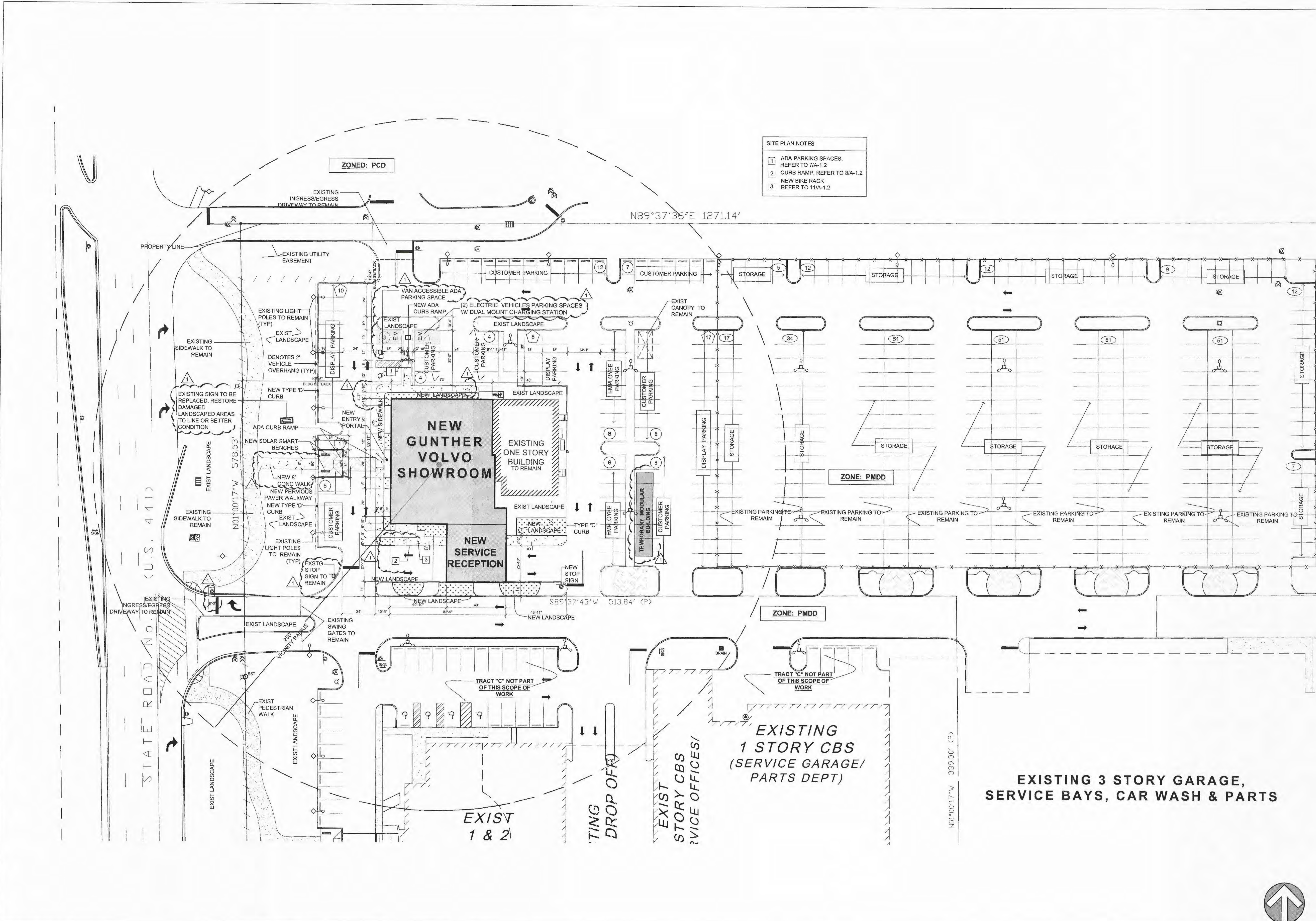
NEW SHOWROOM AND SERVICE RECEPTION:
GUNTER VOLVO - COCONUT CREEK
 4350 NORTH STATE ROAD 7
 COCONUT CREEK, FL 33073

PARTIAL SITE PLAN



PROJECT NO:
73989
 DRAWN BY:
G.L. / K.C.
 CHECKED BY:
J.P.
 DATE:
February 6, 2017

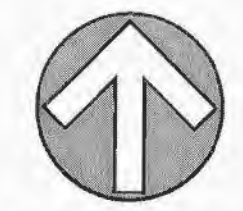
- SITE PLAN NOTES**
- 1 ADA PARKING SPACES, REFER TO 7/A-1.2
 - 2 CURB RAMP, REFER TO 8/A-1.2
 - 3 NEW BIKE RACK REFER TO 11/A-1.2



PARTIAL SITE PLAN

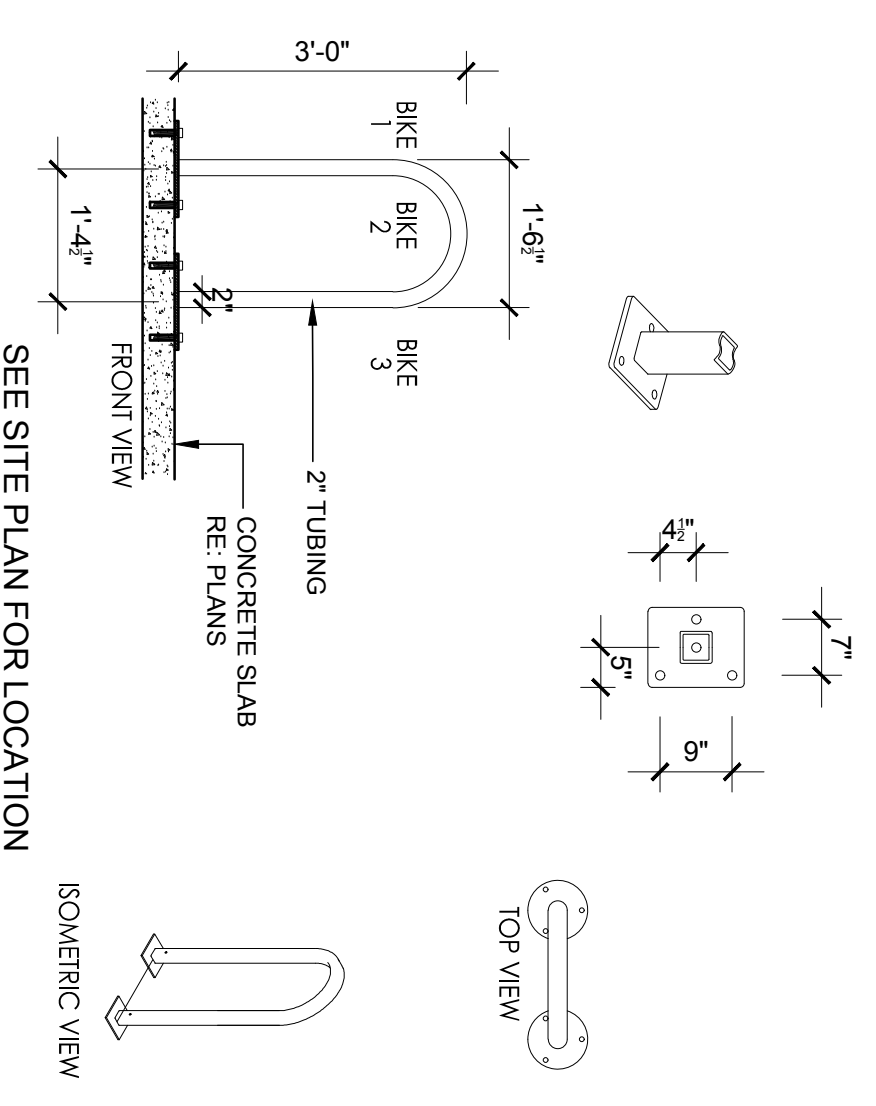
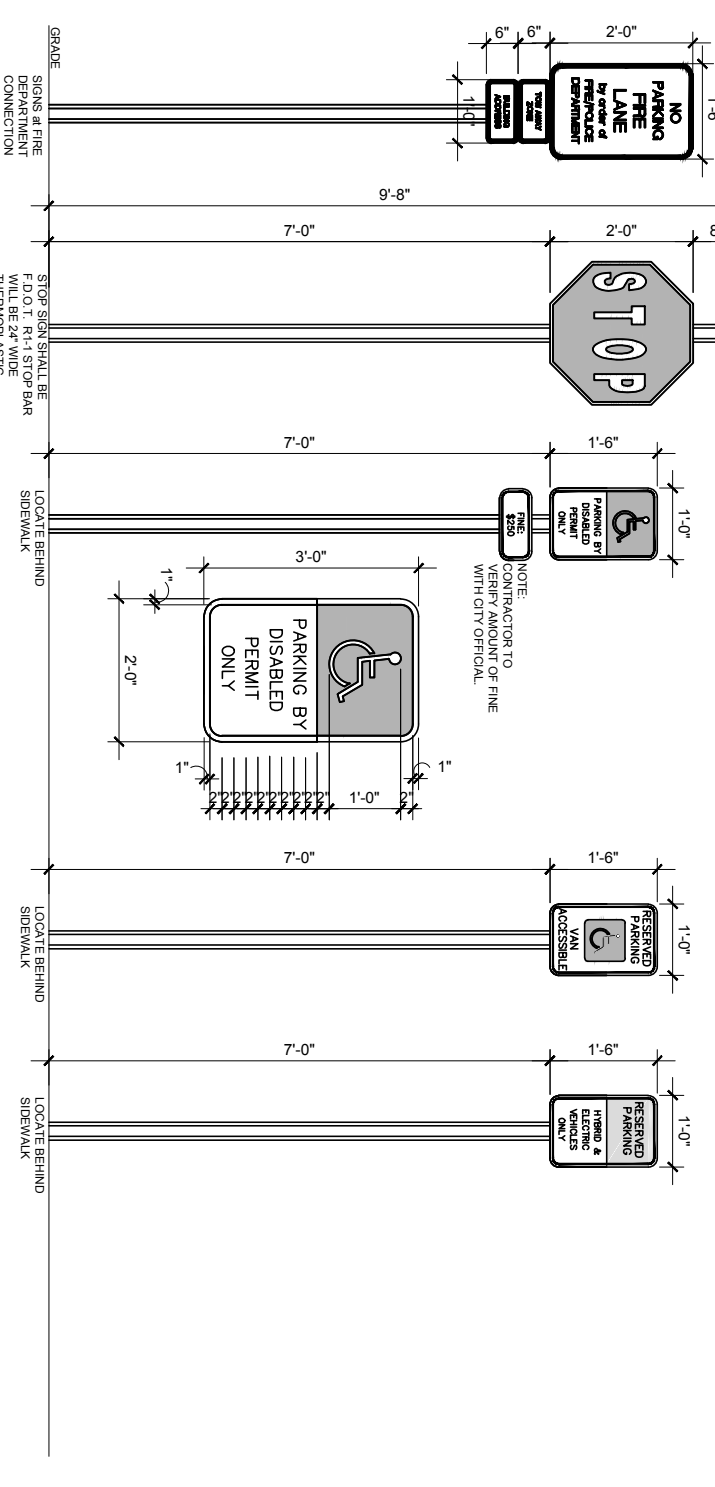
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01



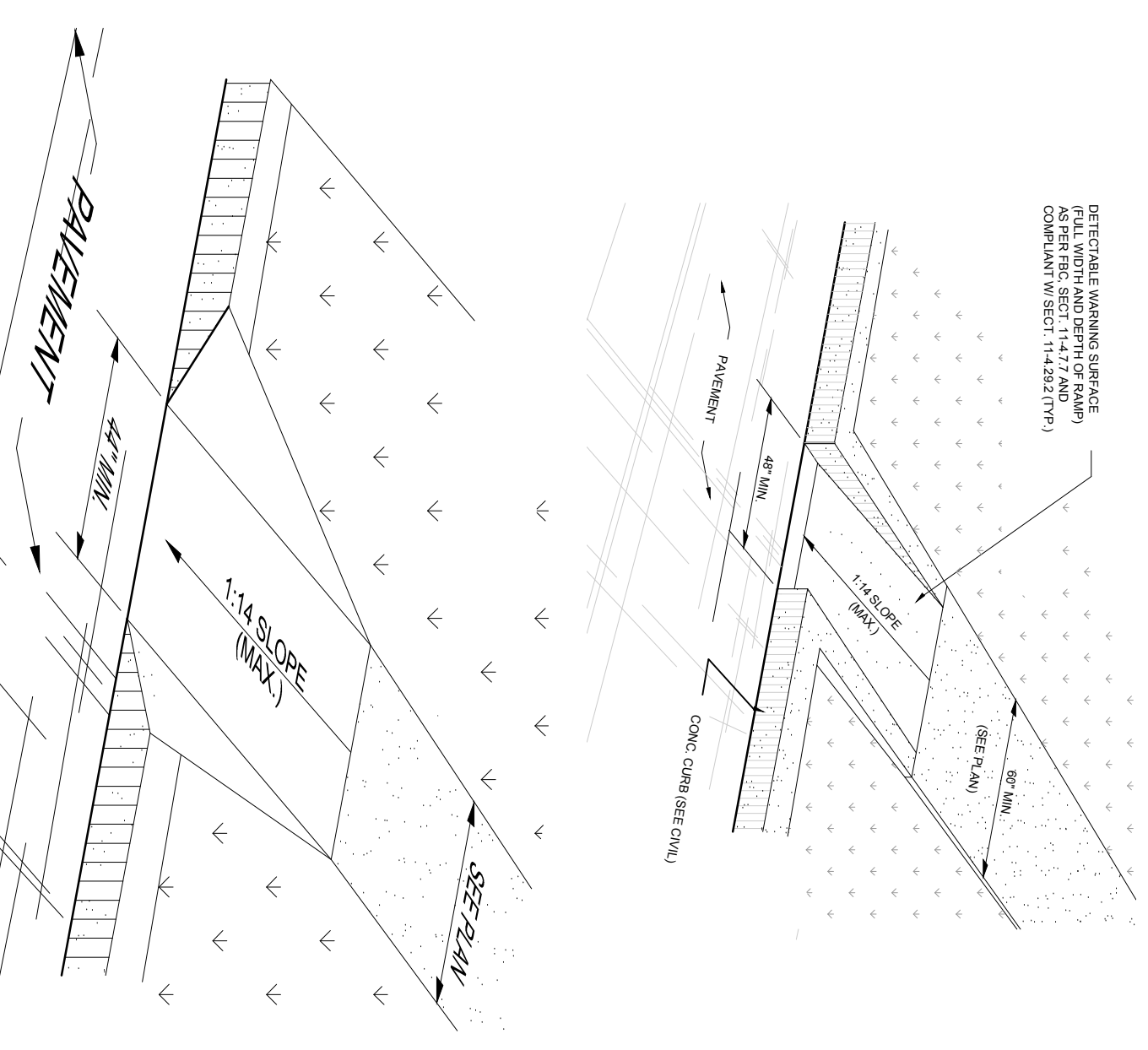
<p>NOT USED</p> <p>SCALE: NTS</p> <p>13</p>	<p>NOT USED</p> <p>SCALE: NTS</p> <p>10</p>	<p>ADA VAN ACCESSIBLE PARKING SIGN</p> <p>ADA PARKING SIGN TYPICAL</p> <p>SCALE: NTS</p> <p>05</p>	<p>NOT USED</p> <p>SCALE: NTS</p> <p>04</p>
<p>NOT USED</p> <p>SCALE: NTS</p> <p>12</p>	<p>NOT USED</p> <p>SCALE: NTS</p> <p>09</p>	<p>90° ACCESSIBLE PARKING SPACE</p> <p>SCALE: NTS</p> <p>07</p>	<p>NOT USED</p> <p>SCALE: NTS</p> <p>03</p>
<p>NOT USED</p> <p>SCALE: NTS</p> <p>11</p>	<p>NOT USED</p> <p>SCALE: NTS</p> <p>08</p>	<p>90° STANDARD PARKING SPACE</p> <p>SCALE: NTS</p> <p>06</p>	<p>NOT USED</p> <p>SCALE: NTS</p> <p>02</p>
<p>BICYCLE RACK DETAIL</p> <p>SCALE: NTS</p> <p>11</p>	<p>RAMP DETAIL</p> <p>SCALE: NTS</p> <p>08</p>	<p>NOT USED</p> <p>SCALE: 3/16" = 1'-0"</p> <p>01</p>	<p>NOT USED</p> <p>SCALE: 3/16" = 1'-0"</p> <p>01</p>

1. SIGNS SHALL HAVE A WHITE REFLECTORIZED BACKGROUND WITH RED CHARACTERS AND BORDERS.
2. SIGNS SHALL BE MOUNTED TO A LOCATION EXPOSED TO THE ELEMENTS OF WEATHER AT A MINIMUM HEIGHT OF 7'-0" FROM THE FINISHED GRADE TO THE BOTTOM PART OF THE SIGN.
3. SIGNS SHALL BE MOUNTED TO A LOCATION EXPOSED TO THE ELEMENTS OF WEATHER AT A MINIMUM HEIGHT OF 7'-0" FROM THE FINISHED GRADE TO THE BOTTOM PART OF THE SIGN.
4. SIGNS SHALL BE MOUNTED TO A LOCATION EXPOSED TO THE ELEMENTS OF WEATHER AT A MINIMUM HEIGHT OF 7'-0" FROM THE FINISHED GRADE TO THE BOTTOM PART OF THE SIGN.
5. SIGNS SHALL BE MOUNTED TO A LOCATION EXPOSED TO THE ELEMENTS OF WEATHER AT A MINIMUM HEIGHT OF 7'-0" FROM THE FINISHED GRADE TO THE BOTTOM PART OF THE SIGN.
6. SIGNS SHALL BE MOUNTED TO A LOCATION EXPOSED TO THE ELEMENTS OF WEATHER AT A MINIMUM HEIGHT OF 7'-0" FROM THE FINISHED GRADE TO THE BOTTOM PART OF THE SIGN.

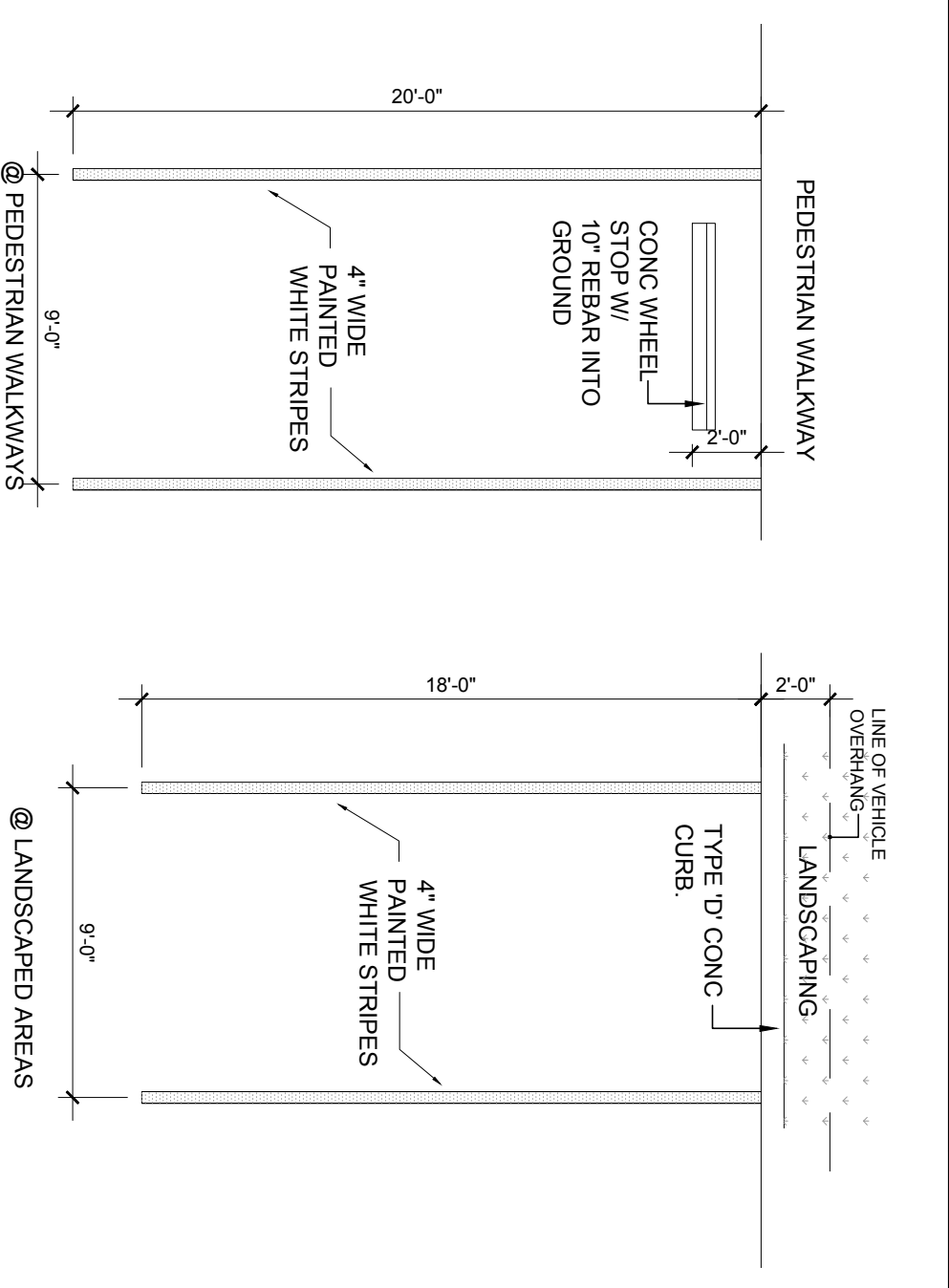
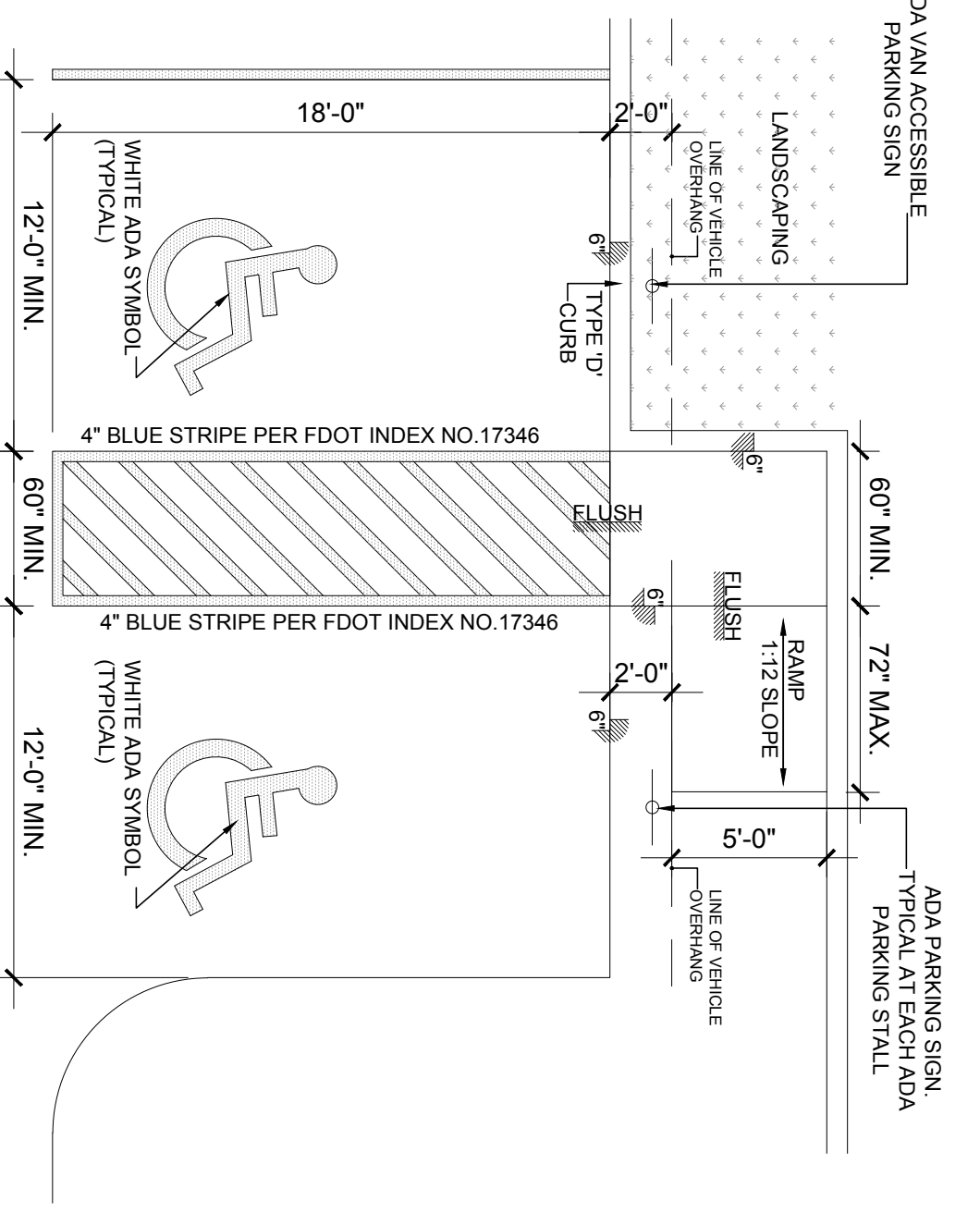


- NOTES
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

DETAILED WARNING STRIPES
AS PER SEC. 812.14.17 AND
COMPLIANCE WITH SECTION 919.01



1. ADA STRIP STRIPING FOOT STANDARD INDEX (7346 (JANUARY 1998) (TYP.) 3'-6" WIDE AS REFERENCED BY THE ADA COMPLIANCE MANUAL.
2. ADA PARKING SHALL BE AS PER 2012 FLORIDA ACCESSIBILITY CODE SECT. 902 AND SECT. IV, PG. 74 OF THE ADA PARKING COMPLIANCE MANUAL.



PEDESTRIAN WALKWAY

CONC. WHEEL STOP W/ 10' REAR INTO GROUND

4" WIDE PAINTED WHITE STRIPES

9'-0" @ PEDESTRIAN WALKWAYS

NOT USED

SCALE: NTS

03

NOT USED

SCALE: NTS

02

NEW SHOWROOM AND SERVICE RECEPTION:

GUNTHER VOLVO - COCONUT CREEK

4350 NORTH STATE ROAD 7
COCONUT CREEK, FL 33073

STILES ARCHITECTURAL GROUP
301 East Las Olas Blvd
Fort Lauderdale, Florida.
954 - 627- 9180 33301
FL. REG # AA-26001798

SITE DETAILS

A-1.2

PROJECT NO. 73989
DRAWN BY: G.L./K.C.
CHECKED BY: J.P.
DATE: February 27, 2017

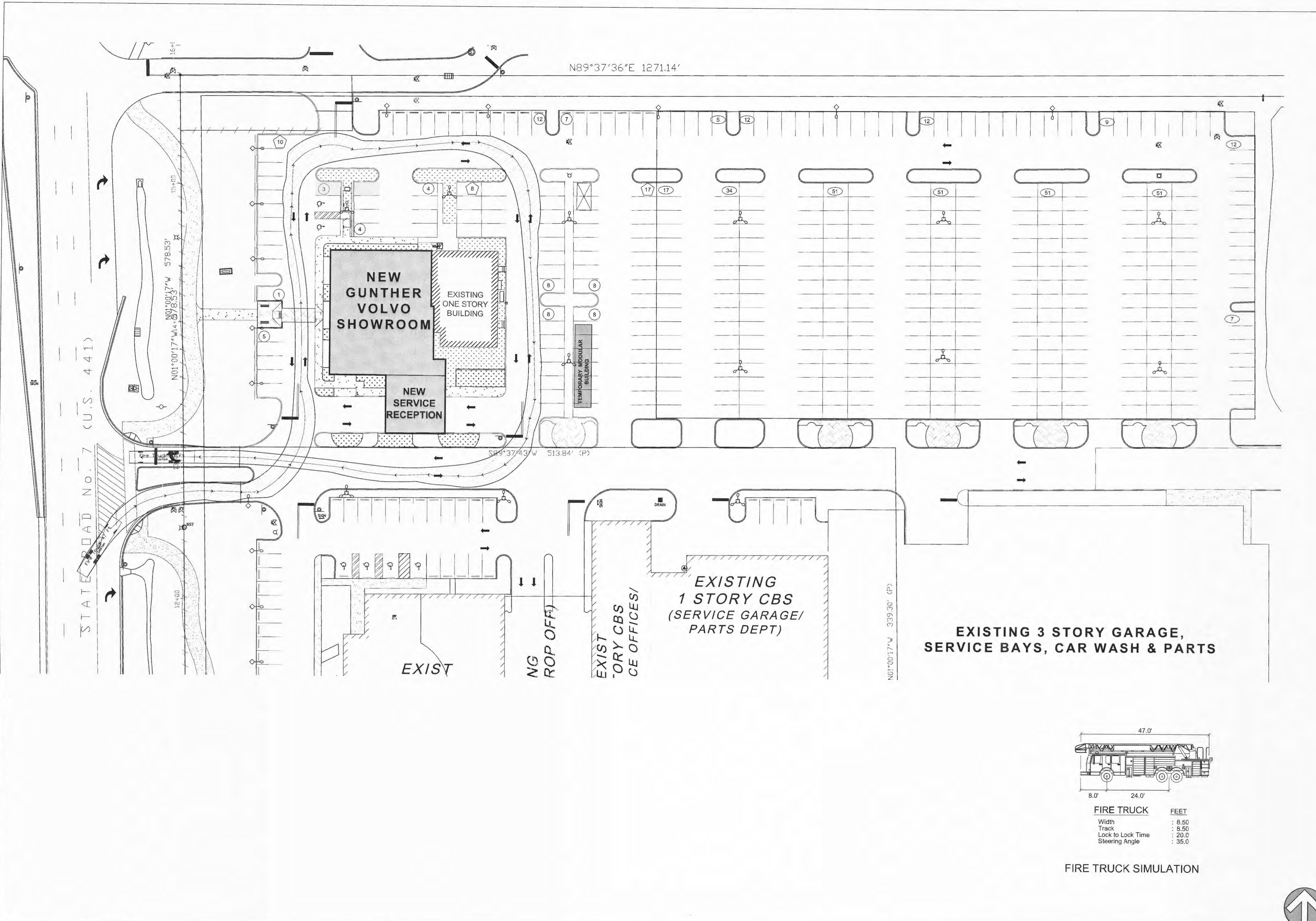
REVISIONS:

CITY REVIEW COMMENTS

01/16/17

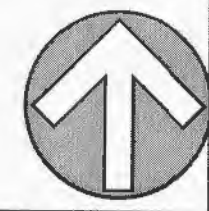
SEAL

CONSULTANT



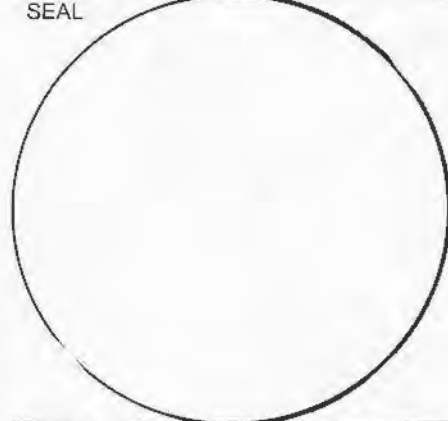
SITE FIRE TRUCK PLAN

SCALE: 1"=30'



01

REVISIONS:



CONSULTANT

STILES ARCHITECTURAL GROUP
 301 East Las Olas Blvd
 Fort Lauderdale, Florida
 954 - 627- 9180 33301
 FL. REG # AA-26001798

NEW SHOWROOM AND SERVICE RECEPTION:
GUNTHER VOLVO - COCONUT CREEK
 4350 NORTH STATE ROAD 7
 COCONUT CREEK, FL 33073

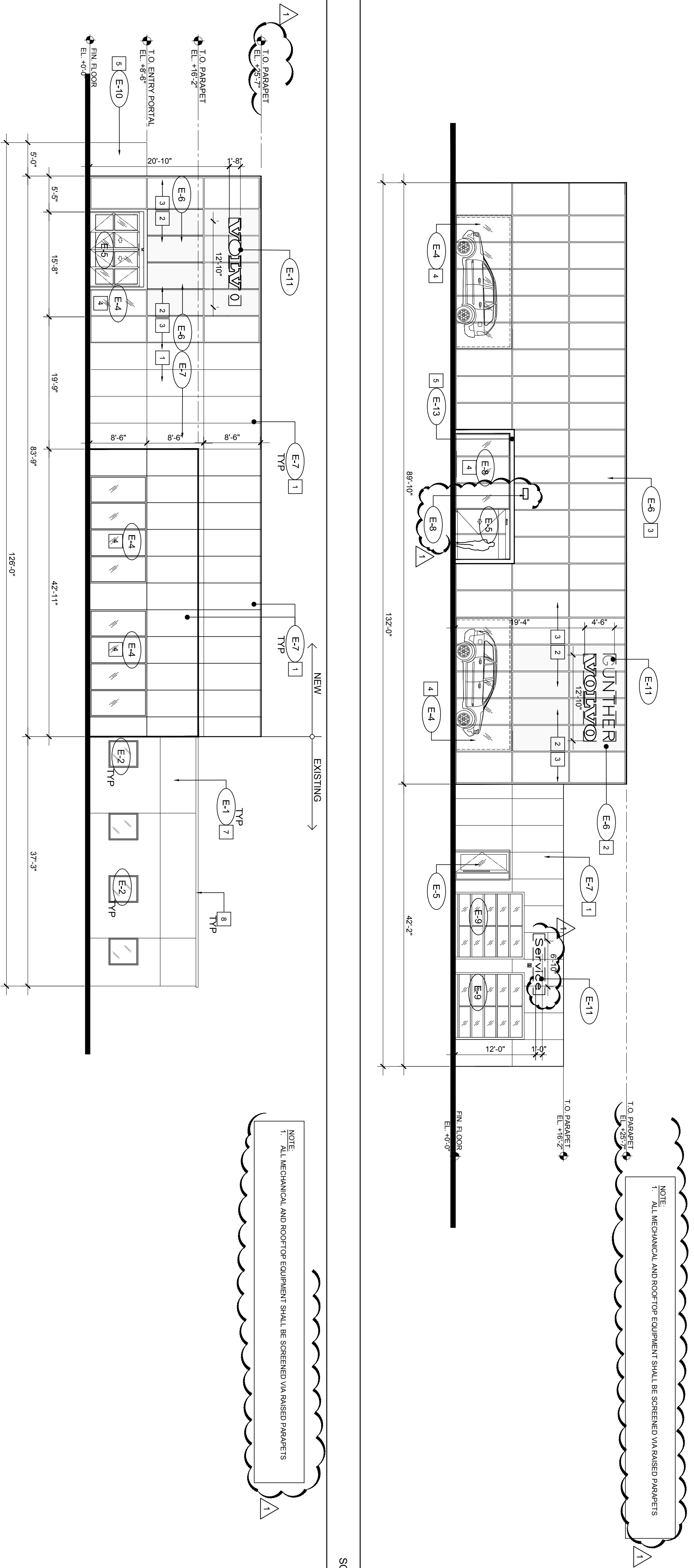
SITE FIRE TRUCK PLAN

A-1.1

PROJECT NO.
73998
 DRAWN BY:
G.L. / K.C.
 CHECKED BY:
J.P.
 DATE:
February 6, 2017

TABLEROUTED.COM Customer View Coconut Creek Volvo Dealership Site Plan Approved (CPC) 2/6/17 10:30 AM 2/6/17 10:30 AM

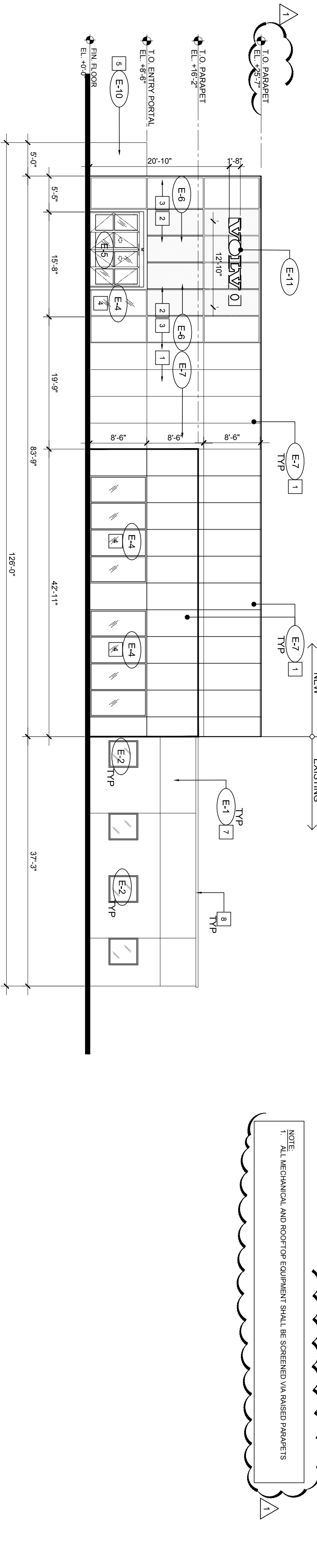
WEST ELEVATION



SCALE: 3/32" = 1'-0"

04

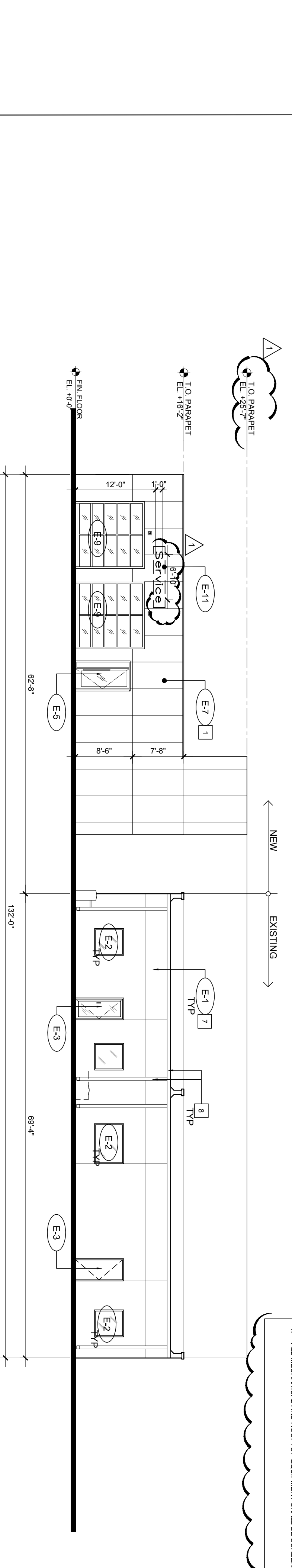
SOUTH ELEVATION



SCALE: 3/32" = 1'-0"

03

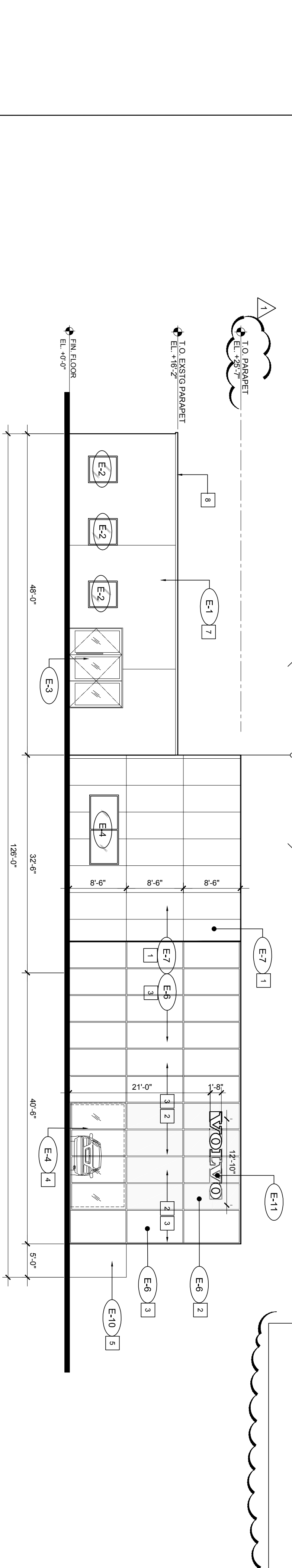
EAST ELEVATION



SCALE: 3/32" = 1'-0"

02

NORTH ELEVATION



SCALE: 3/32" = 1'-0"

01

ELEVATION LEGEND

KEY	SYSTEMS
E-1	EXISTING STUCCO TO REMAIN
E-2	EXISTING IMPACT RESISTANT WINDOW TO REMAIN
E-3	EXISTING DOOR TO REMAIN
E-4	IMPACT RESISTANT CLEAR GLASS IN WHITE ANODIZED ALUMINUM STOREFRONT SYSTEM
E-5	IMPACT RESISTANT CLEAR GLASS DOORS IN WHITE ANODIZED ALUMINUM FRAME
E-6	IMPACT RESISTANT FROSTED GLASS IN WHITE ANODIZED ALUMINUM CURTAIN WALL SYSTEM
E-7	ALUMINUM COMPOSITE METAL (ACM) PANEL (VOLVO SILVER)
E-8	6" (MIN.) HIGH BAY ADDRESS IDENTIFICATION NUMBER ON WEST ELEVATION
E-9	IMPACT RESISTANT OVERHEAD SECTIONAL DOOR W/ GLASS PANELS (NOA #12-9820.19)
E-10	METAL ENTRY PORTAL
E-11	SIGN BY OTHERS (WHITE LETTERS)
E-12	NOT USED
E-13	NOT USED
E-14	NOT USED

- COLOR KEY**
- 1 ALUMINUM COMPOSITE METAL
 - 2 COLOR: SUNRISE SILVER METALLIC COOL (VOLVO SILVER)
 - 3 FROSTED GLASS
 - 4 COLOR: LAMINATE VANCEVA - BLUE (VIRACOM)
 - 5 FROSTED GLASS
 - 6 COLOR: VELOUR OFF-WHITE (VIRACOM)
 - 7 STOREFRONT GLASS
 - 8 COLOR: CLEAR
 - 9 COMPACT LAMINATE CLADDING: WOOD-LIKE
 - 10 COLOR: FINDERMAX CREEK
 - 11 NOT USED
 - 12 EXISTING BUILDING: VOLVO MEDIUM GREY
 - 13 EXTERIOR GUTTER, DOWNSPOUT AND FLASHING
 - 14 COLOR: VOLVO MEDIUM GREY

ELEVATION LEGEND & KEYNOTES

05

NORTH ELEVATION

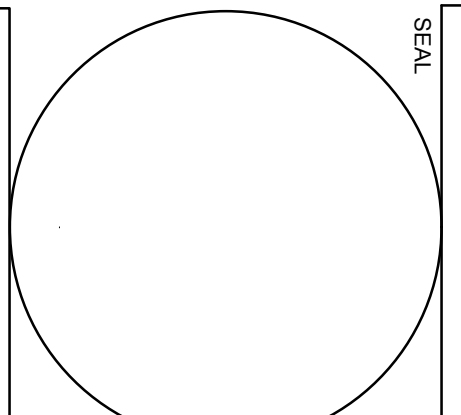
SCALE: 3/32" = 1'-0"

01

REVISIONS:

1 CITY REVIEW COMMENTS
01.16.17

SPAL



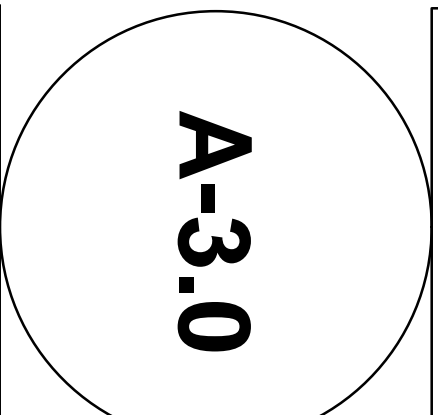
CONSULTANT



STILES ARCHITECTURAL GROUP
301 East Las Olas Blvd
Fort Lauderdale, Florida.
954 - 627- 9180 33301
FL. REG # AA-26001798

NEW SHOWROOM AND SERVICE RECEPTION:
GUNTHER VOLVO - COCONUT CREEK
4350 NORTH STATE ROAD 7
COCONUT CREEK, FL 33073

ELEVATIONS



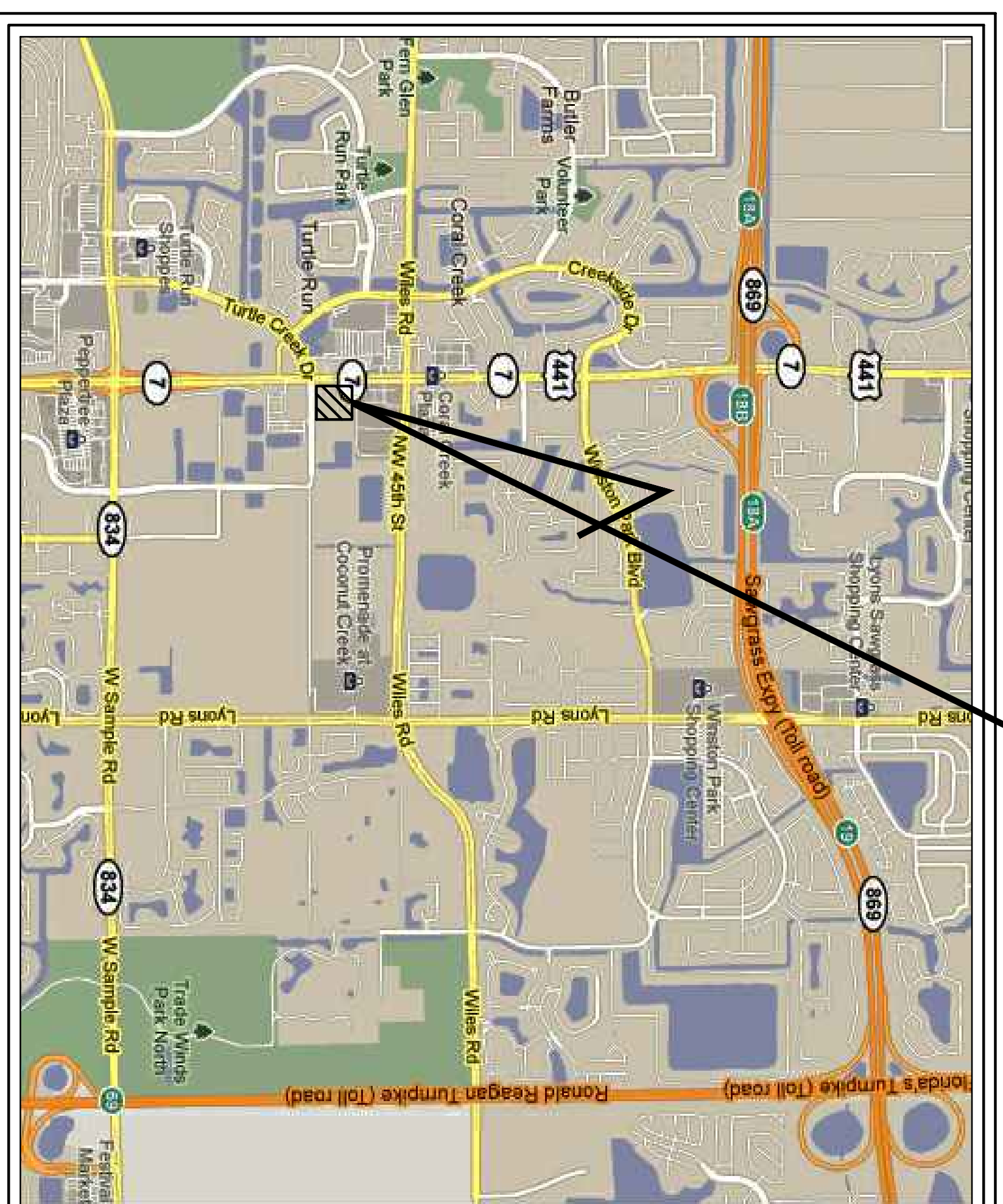
PROJECT NO: 73889
DRAWN BY: G.L./K.C.
CHECKED BY:
DATE: February 27, 2017

GUNTHER MOTOR COMPANY GUNTHER VOLVO DEALERSHIP COCONUT CREEK, FLORIDA

PLANS FOR

SHOWROOM AND OFFICE BUILDING SITE PAVING, GRADING AND DRAINAGE

LOCATION OF PROJECT



INDEX OF SHEETS

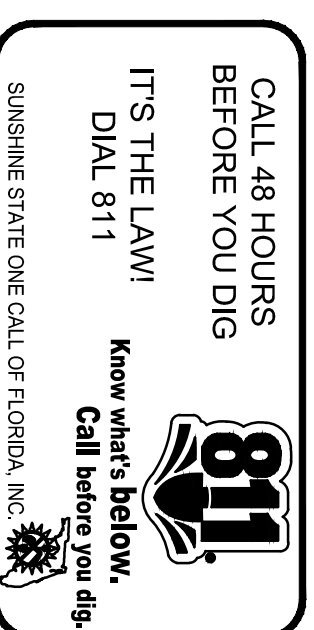
SHEET NO.	SHEET DESCRIPTION
C-01	COVER SHEET / LOCATION MAP
C-02	GENERAL NOTES AND KEY MAP
C-03	TYPICAL SECTIONS / PAVING DETAILS
C-04	MISCELLANEOUS DETAILS
C-05	DEMOLITION / POLLUTION PREVENTION PLAN
C-06	GRADING AND DRAINAGE PLAN
C-07	PAVING AND GEOMETRY PLAN
C-08	SIGNING AND MARKING PLAN
C-09	DRAINAGE DETAILS & NOTES
C-10	POLLUTION PREVENTION NOTES & DETAILS

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY BE ALTERED IN SCALE BY REPRODUCTION AND MAY BE REDUCED IN SCALE. THIS MUST BE TAKEN INTO ACCOUNT WHEN OBTAINING SCALED DATA.

THE PUBLIC ROADWAY(S) INDICATED IN THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE "MANUAL OF UNIFORM MINIMUM STANDARD FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS & HIGHWAYS - STATE OF FLORIDA."

KEY SHEET REVISIONS

DATE	BY	DESCRIPTION
2/3/17	JK	REVISED FOR DRC COMMENTS



ELEVATIONS SHOWN ON THESE PLANS ARE REFERENCED TO THE NAVD 1988 DATUM (NGVD 29 REFERENCE ELEVATIONS HAVE BEEN CONVERTED)

LEGAL DESCRIPTION

TRACT "A" AND TRACT "C" OF THE WHITWORTH PLAT NO. 1 AS RECORDED IN PLAT BOOK 164 PAGE 1 OF THE PUBLIC RECORD OF BROWARD COUNTY.

OWNER

GUNTHER MOTOR COMPANY
4300 NORTH STATE ROAD 7
COCONUT CREEK, FL 33073
PHONE: 954-590-3750

PREPARED BY :

JOSEPH ROLES AND ASSOC., INC.
CONSULTING ENGINEERS
7501 N.W. 4th STREET, SUITE 101
PLANTATION, FLORIDA 33317
PHONE (954) 581-1945
CERTIFICATE OF AUTHORIZATION NO. 3948

LOCATION MAP



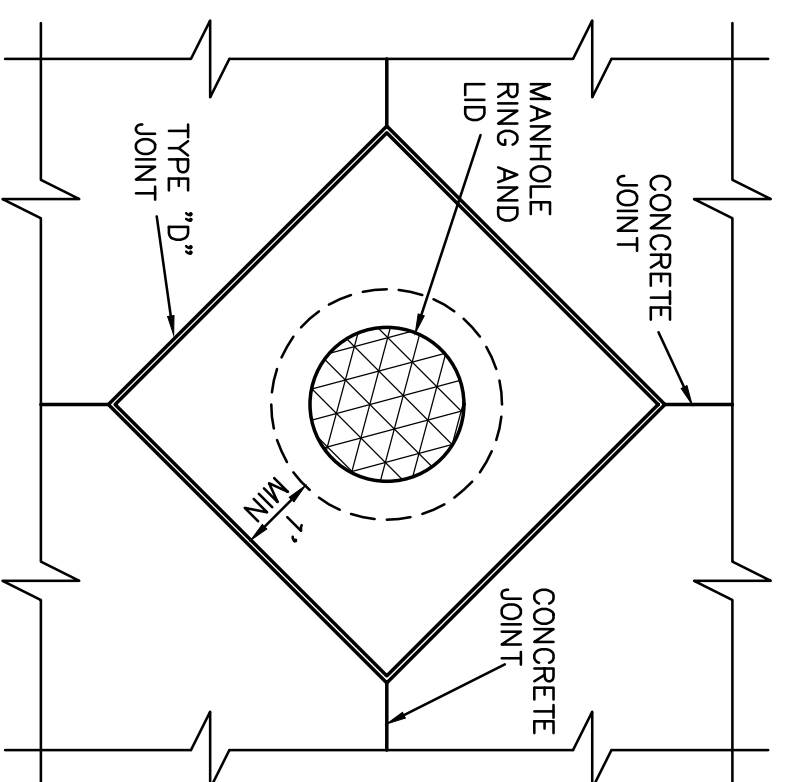
CITY OF COCONUT CREEK, FLORIDA

SECTION 18, TOWNSHIP 48 S, RANGE 42 E

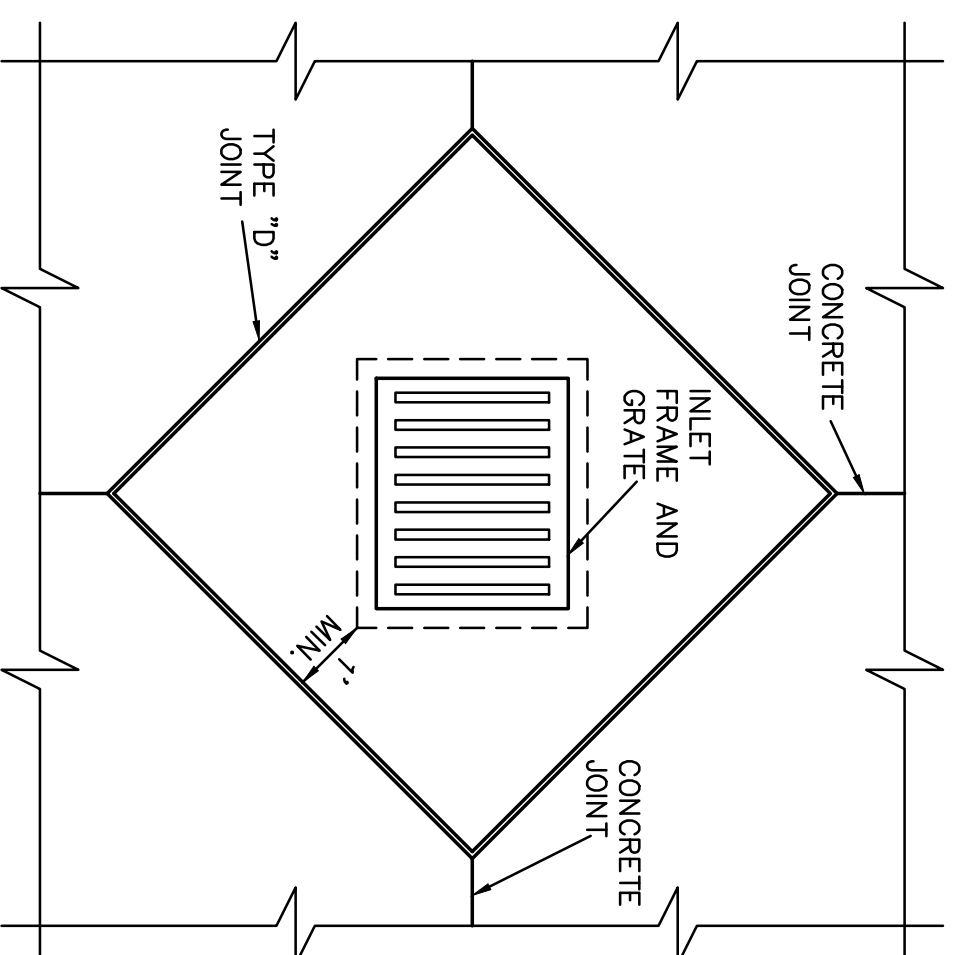
ENGINEER OF RECORD:

JOSEPH W. ROLES, JR., P.E.
REG. ENGINEER NO. 16965

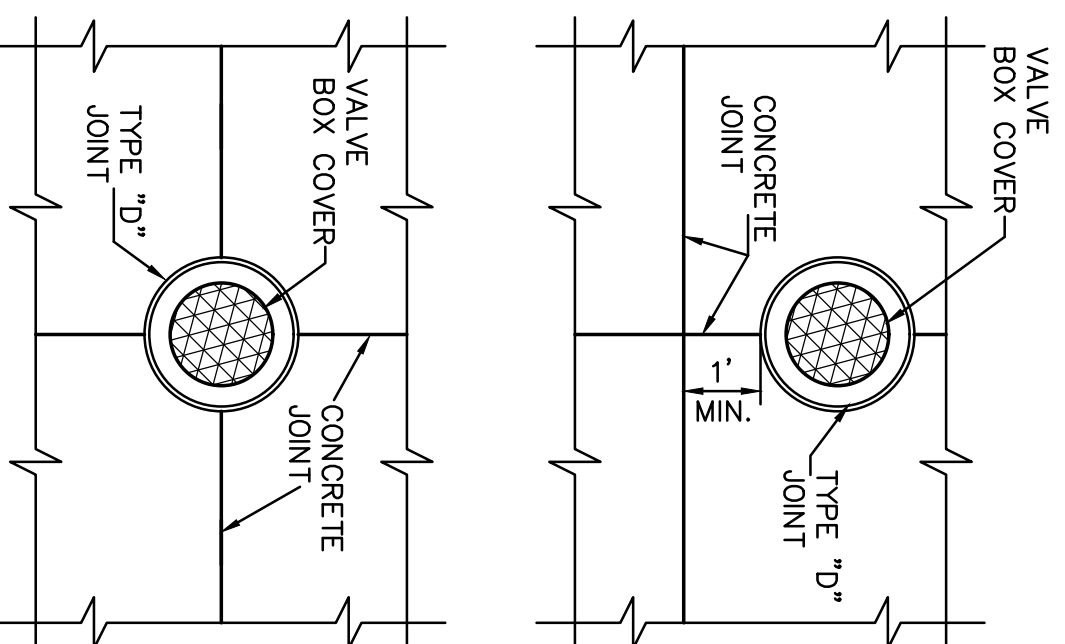
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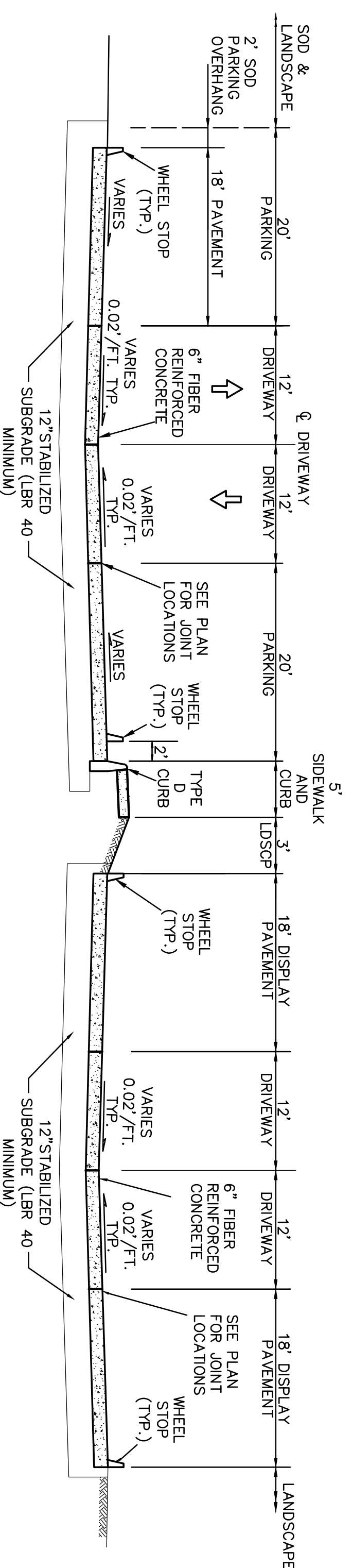
**CONCRETE JOINT PLACEMENT
AROUND MANHOLE COVERS**



**CONCRETE JOINT PLACEMENT
AROUND INLET GRATES**

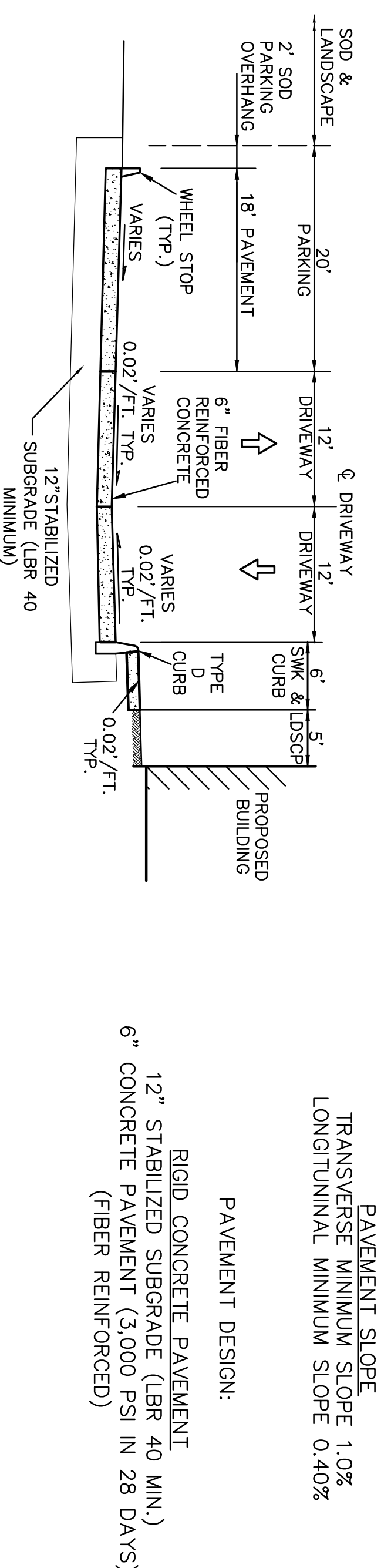


**CONCRETE JOINT PLACEMENT
AROUND VALVE BOX**



TYPICAL SECTION - PARKING AND DRIVE

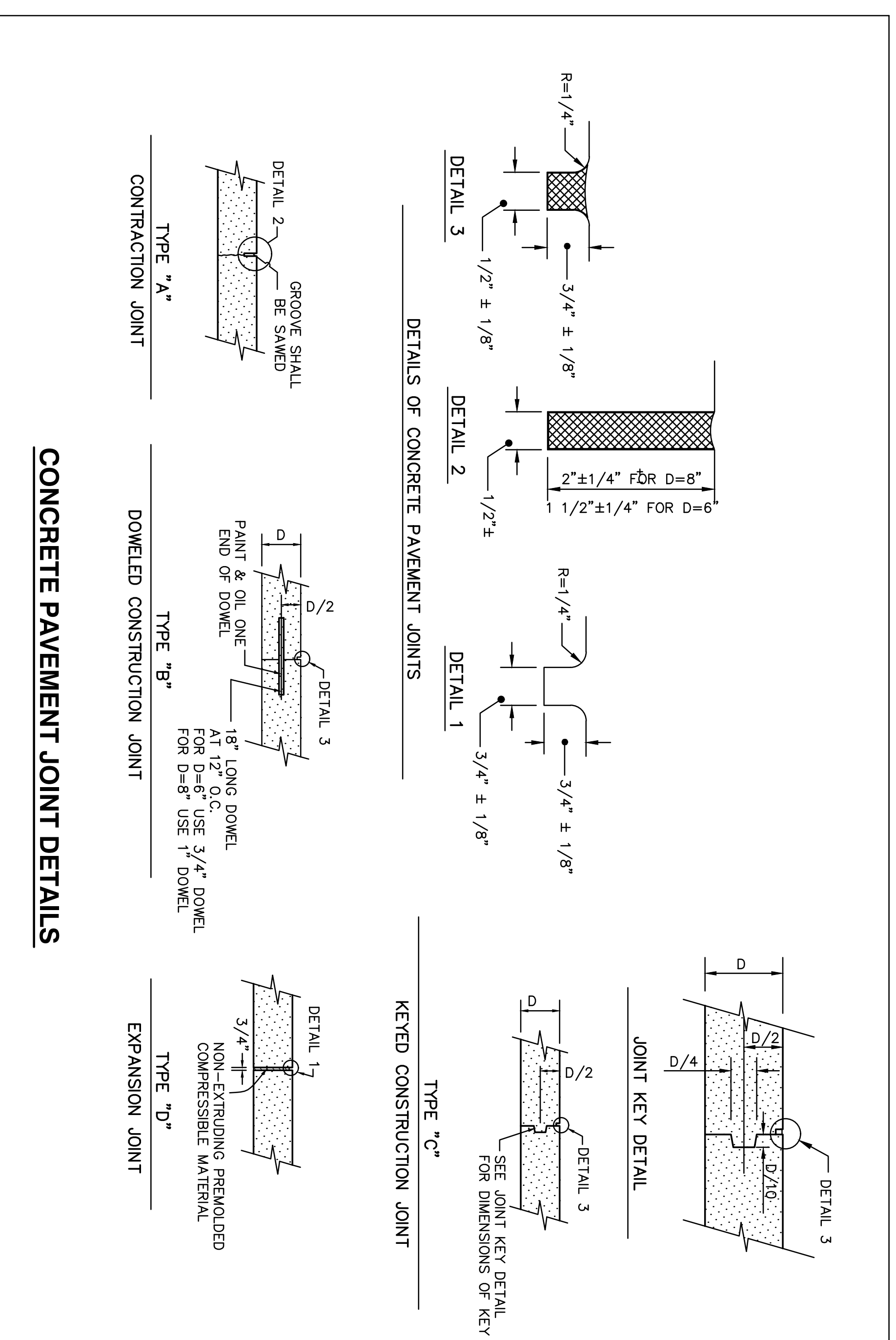
TYPICAL SECTION - DISPLAY PARKING AND DRIVE



TYPICAL SECTION - PARKING AND DRIVE AT BUILDING FRONTAGE

CONCRETE PAVING AND GRADING NOTES

1. CONCRETE FOR PAVEMENT SHALL BE FIBER REINFORCED AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS.
2. THE SUBGRADE MATERIAL UNDER ALL PAVEMENT SHALL HAVE A MINIMUM LIMBON BEARING RATIO OF 40. SUBGRADE SHALL BE COMPACTED TO A MINIMUM DENSITY OF 98% AS DETERMINED BY ASHTO T-150.
3. THE TESTING OF SUBGRADE AND EMBANKMENT SHALL BE DONE PRIOR TO REQUESTING ANY INSPECTION BY THE CITY.
4. CONTRACTOR SHALL FILL AND GRADE SITE TO ACCOMMODATE FINISH GRADE ELEVATIONS SHOWN ON GRADING AND DRAINAGE PLAN AND IN ACCORDANCE WITH TYPICAL SECTION AS SHOWN.
5. ALL PUBLIC RIGHTS-OF-WAY, BUILDING PADS, ON-SITE PAVEMENT AREAS, DRAINAGE EASEMENTS AND UTILITY TRENCHES SHALL BE COMPLETELY DEMOLISHED. DENSITY TESTS WILL BE REQUIRED OVER BACKFILLED TRENCHES AND ON ALL ROADWAYS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT FOR ALL TESTING.
6. GRADES SHOWN ARE FINISHED GRADES.
7. UTILITIES OTHER THAN WATER AND SEWER ARE TO BE ADJUSTED BY OTHERS UNLESS INCLUDED IN THE CONSTRUCTION OR OTHERWISE NOTED.
8. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING "MINIMUM STANDARDS" AND THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, EXCEPT AS NOTED.



CONCRETE PAVEMENT JOINT DETAILS

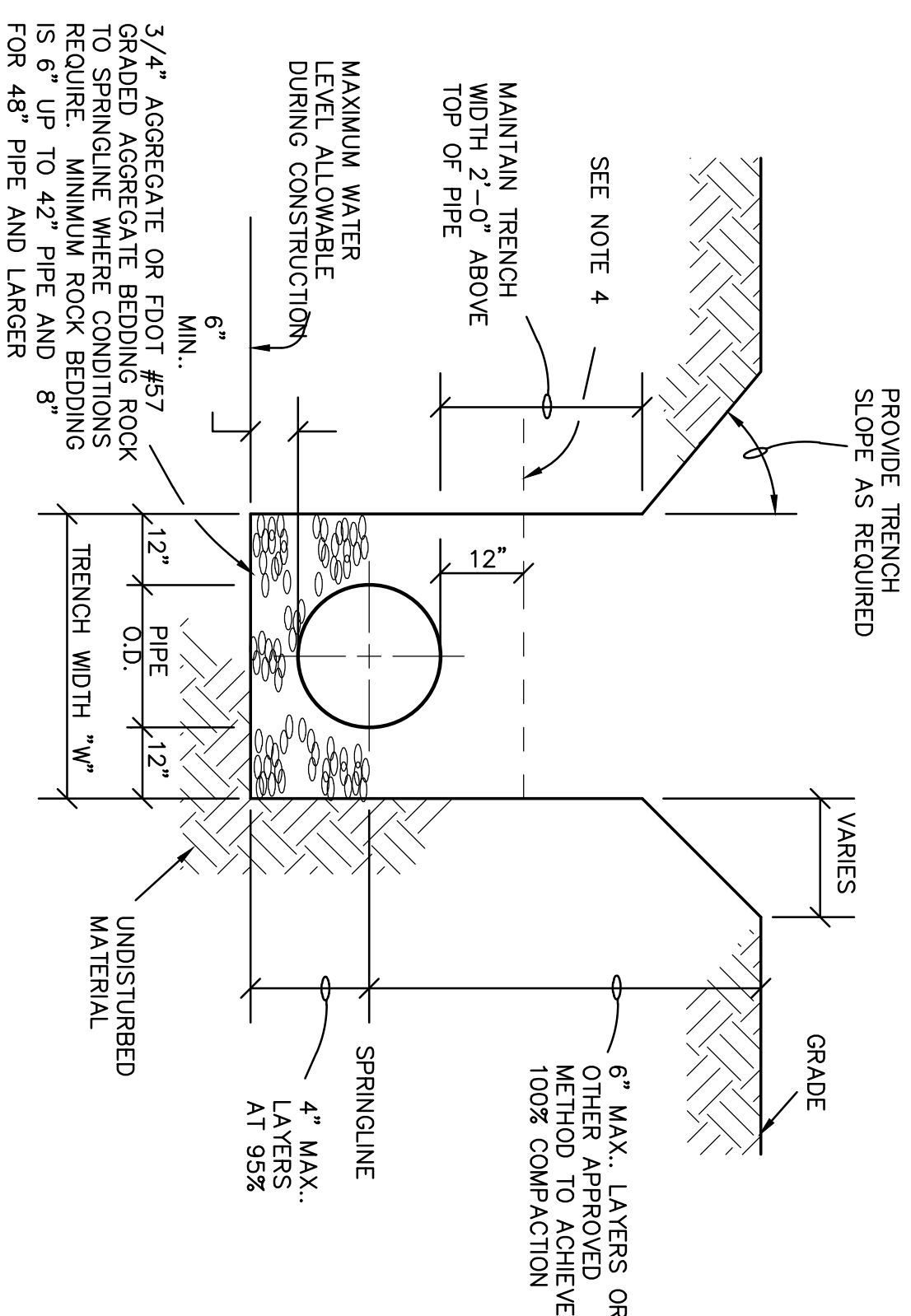
SITE AREA BREAKDOWN TABLE		
SITE AREA BREAKDOWN TABLE	EXISTING CONDITIONS AREA (SF)	PROPOSED CONDITIONS AREA (SF)
BUILDING FOOTPRINT	114,045	122,641
PAVEMENT & SIDEWALK	338,150	330,935
LANDSCAPE / GREEN AREA	182,984	181,603
LAKE AREA	135,563	135,563
TOTAL	770,742	770,742

DESIGNED BY	IK	11/16	
DRAWN BY	IK	11/16	
CHECKED BY	JWR	11/16	
APPROVED BY	JWR	11/16	
NAME		DATE	

JOSEPH ROLES AND ASSOC., INC.
CONSULTING ENGINEERS
 7501 N.W. 4th STREET, SUITE 101
 PLANTATION, FLORIDA 33317
 PHONE (954) 681-1946
 CERTIFICATE OF AUTHORIZATION NO. 3948

GUNTHER VOLVO DEALERSHIP
 CITY OF COCONUT CREEK, FLORIDA
 TYPICAL SECTIONS / PAVING DETAILS

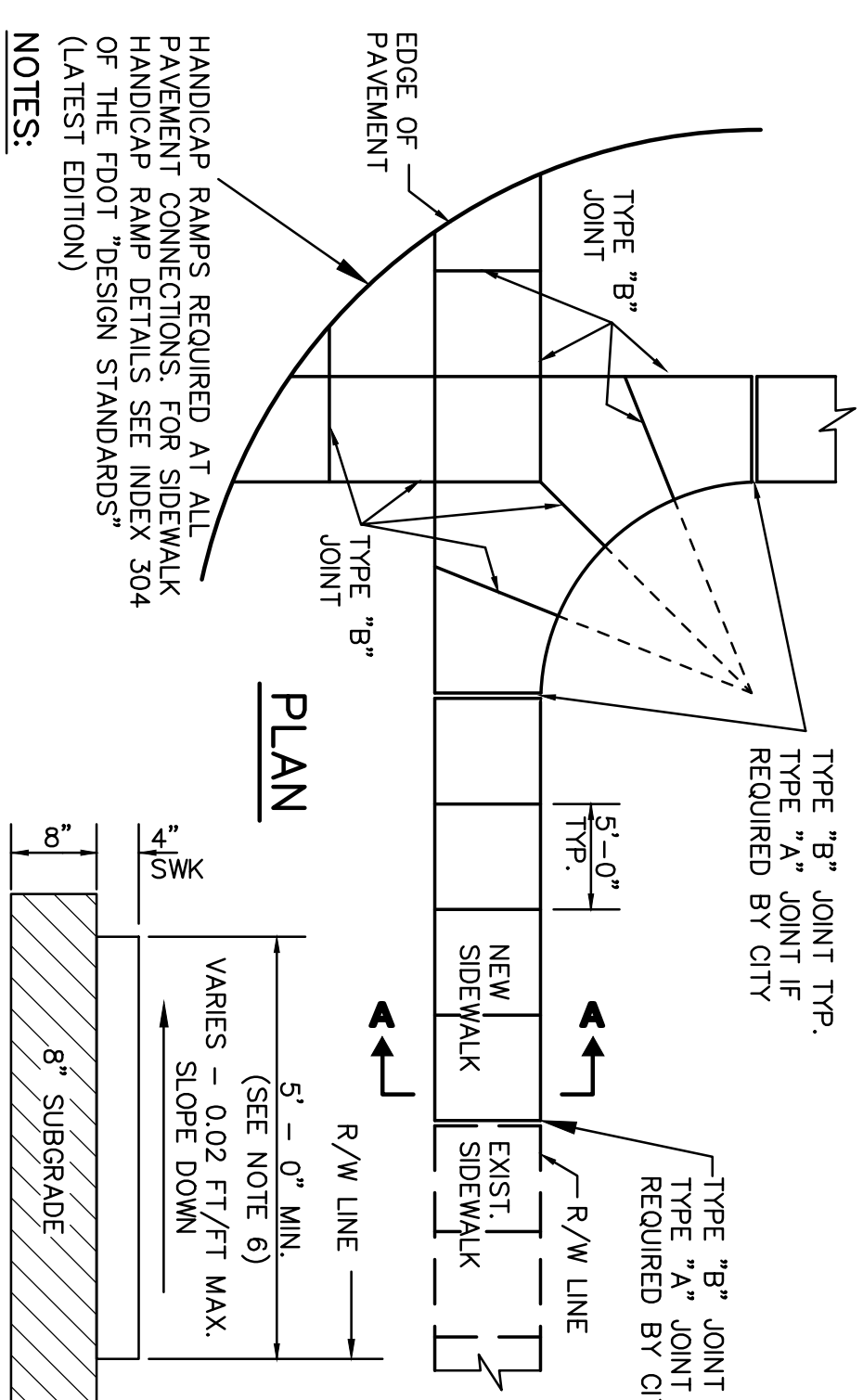
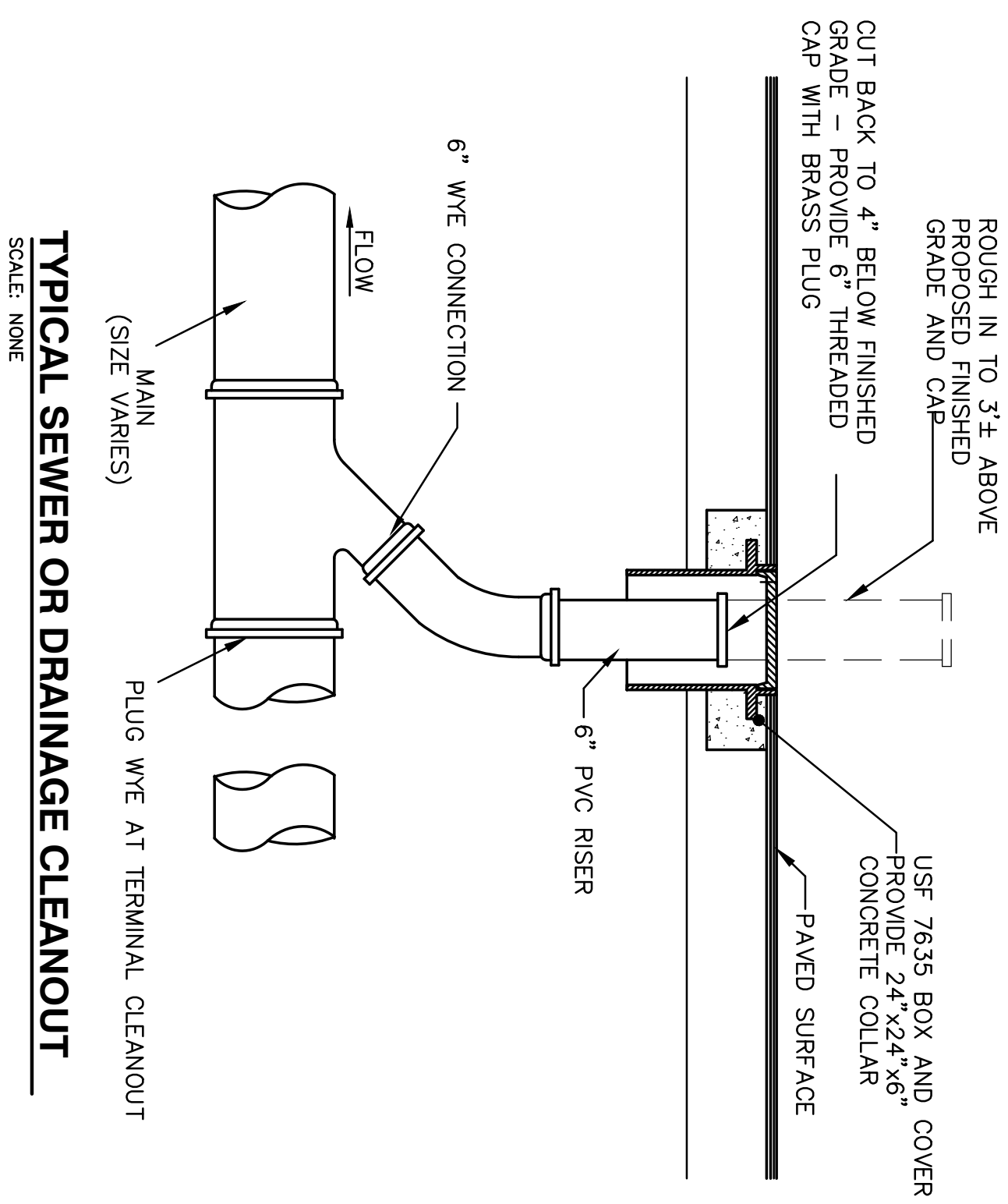
DATE:	11/16
SCALE:	AS SHOWN
PROJECT NO.	112-511-04
SHEET NO. C-03 OF 10	



TRENCH DETAIL

TRENCH CONSTRUCTION NOTES

1. WHERE SOIL CONDITIONS CANNOT BE MAINTAINED AS SHOWN ABOVE THE CONTRACTOR SHALL PROVIDE HIS ALTERNATE PLAN FOR TRENCH CONSTRUCTION TO THE ENGINEER OF RECORD AND THE CITY FOR APPROVAL.
2. SHEETING REQUIREMENTS WILL BE DETERMINED IN THE FIELD. SEE PROJECT SPECIFICATIONS.
3. COMPACTION PERCENTAGES REFER TO AASHTO T-99 STANDARD PROCTOR.
4. MECHANICAL COMPACTION NOT ALLOWED BELOW 12" ABOVE THE PIPE.
5. PVC AND HDPE PIPE TO HAVE ROCK BACKFILL TO PIPE SPRINGLINE AND SAND OR AGGREGATE BEDDING AND/OR ENVELOPE AS REQUIRED IN AREAS WHERE TRENCH BACKFILL IS NOT SUITABLE DUE TO ROCK. ENVELOPE TO BE MIN. 12 INCHES AROUND THE PIPE.
6. MAINTAIN TRENCH WALL PER OSHA REQUIREMENTS AND STATE OF FLORIDA TRENCH SAFETY ACT.



SECTION A-A

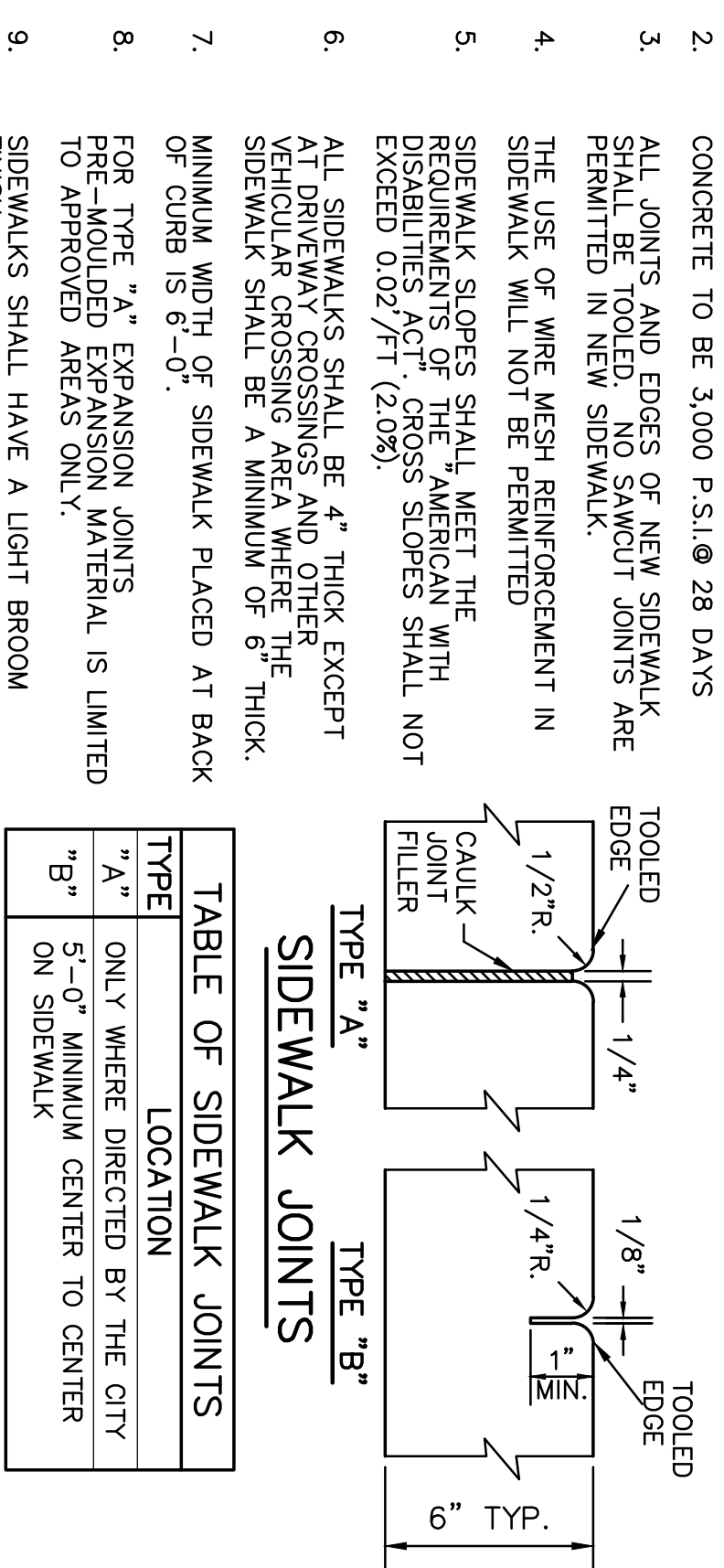
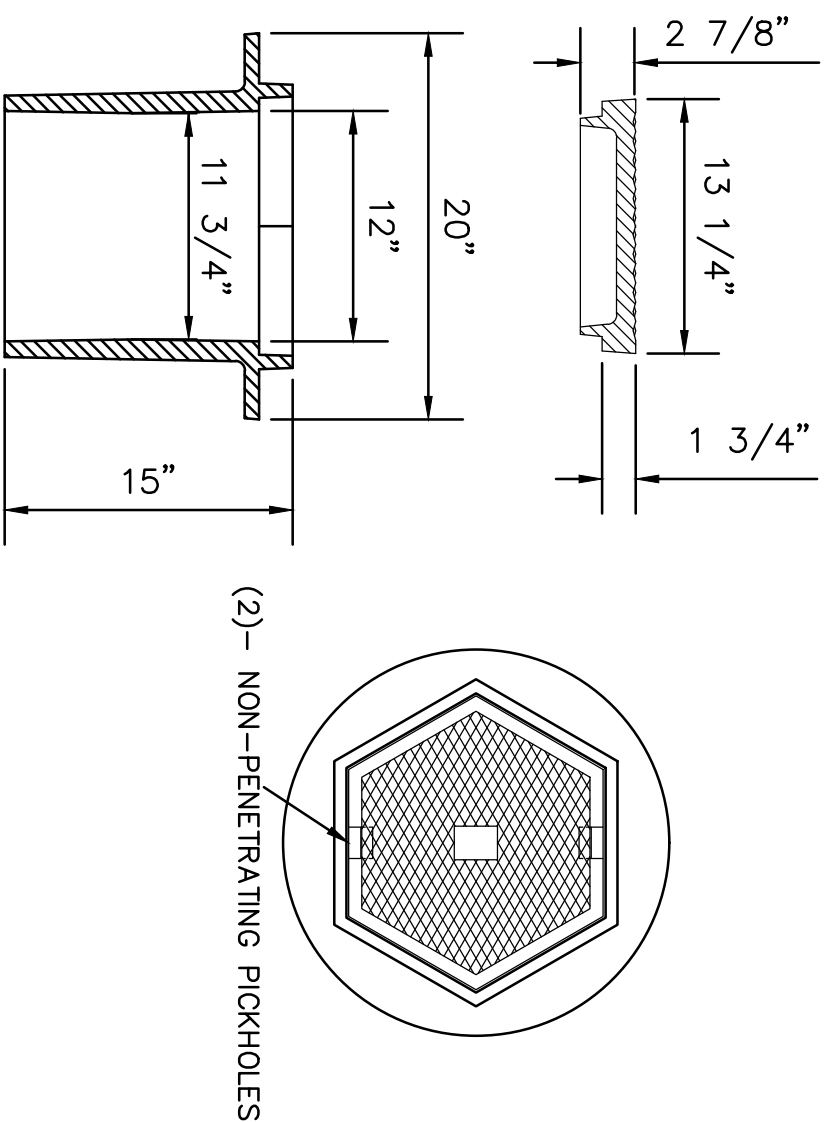


TABLE OF SIDEWALK JOINTS

TYPE	LOCATION
"A"	ONLY WHERE DIRECTED BY THE CITY
"B"	5'-0" MINIMUM CENTER TO CENTER ON SIDEWALK

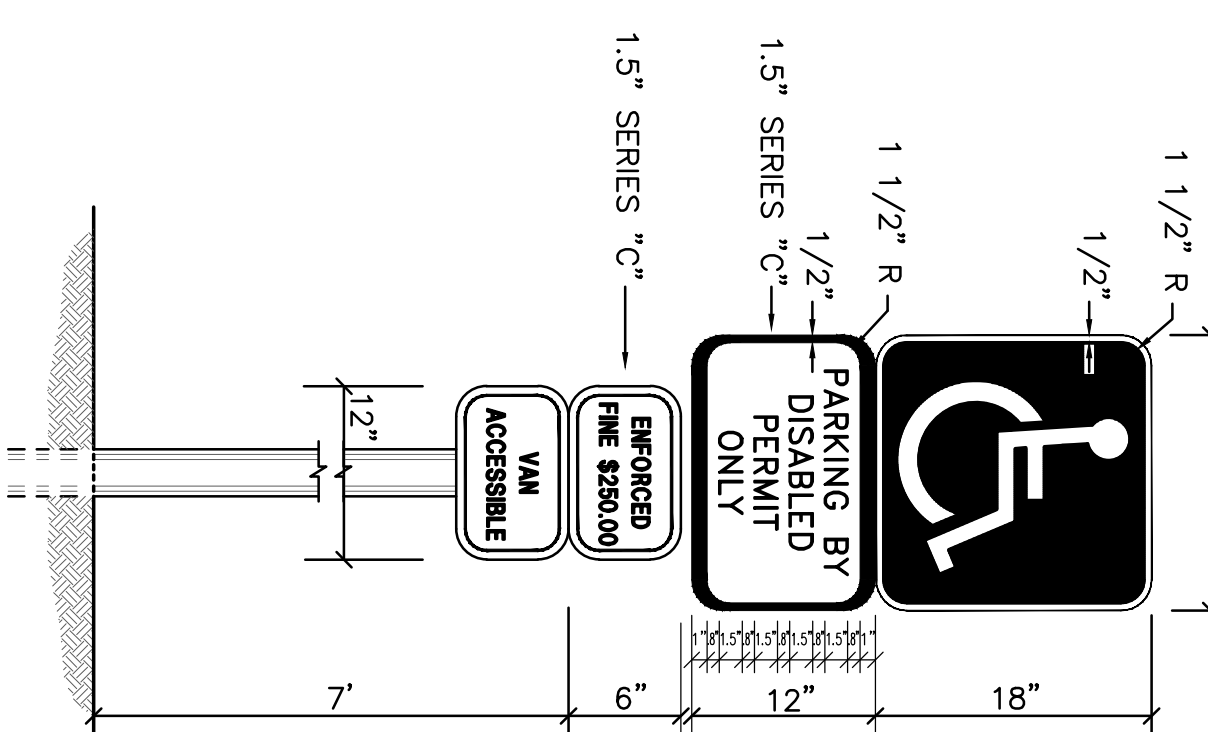
RIGHT-OF-WAY SIDEWALK DETAIL



**SEWER CLEANOUT BOX
USF 7635 RING & FJ COVER**

N.T.S.

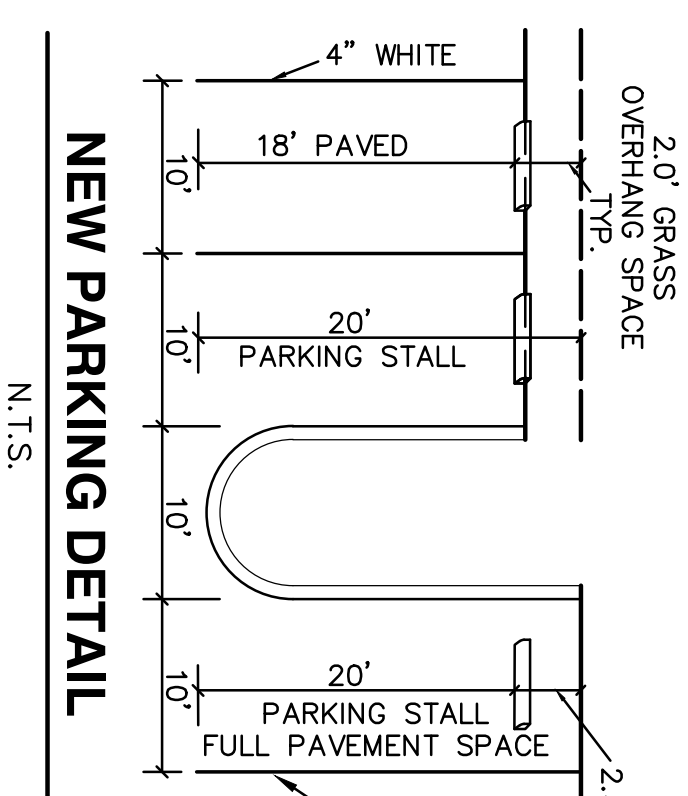
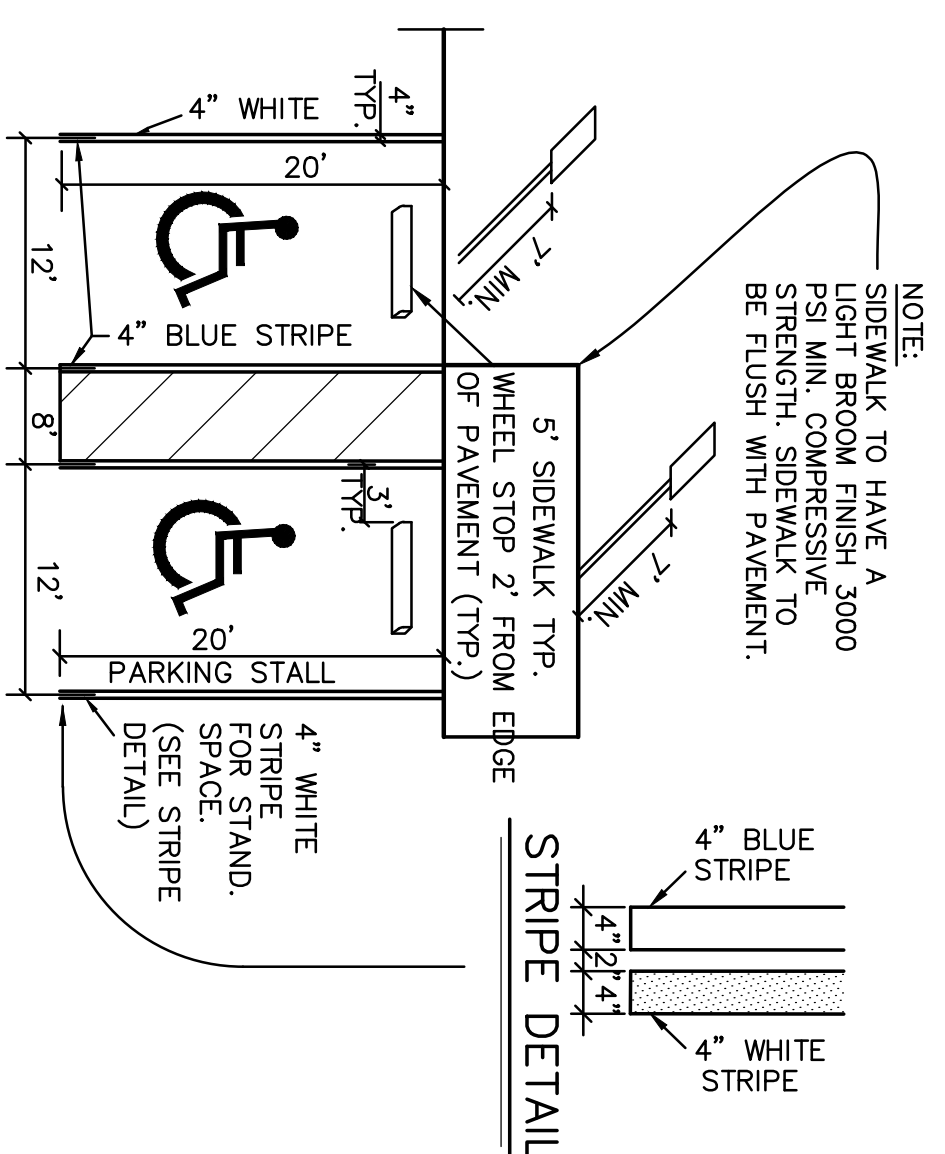
- NOTES:**
1. HANDICAP, FTP - 26 PER FOOT INDEX NO. 17355 shall have a reflective blue background with white reflective symbol and border.
 2. PARKING DISABLED PERMIT ONLY shall have a reflective white background with black opaque legend and border.
 3. ENFORCED FINE \$250.00 FTP - 55 PER FOOT INDEX NO. 17355



HANDICAP PARKING DETAIL

N.T.S.

- NOTE:**
ALL ACCESSIBLE PARKING SPACES AND SIDEWALKS SHALL CONFORM TO ADA STANDARDS



TYPE "D" CURB

N.T.S.

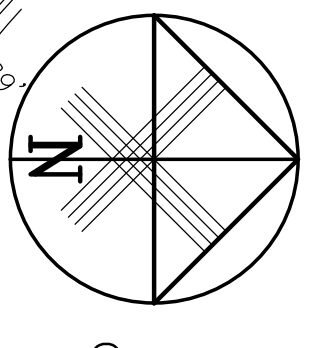
- CURB NOTES:**
1. WHEN USED ON THE HIGH SIDE OF ROADWAYS, THE GROSS SLOPE OF TYPE "F" OUTER SHALL MATCH THE GROSS SLOPE OF THE ADJACENT PAVEMENT.
 2. PROVIDE 1/4" WIDE CONTRACTION JOINT A MINIMUM OF 1-1/2" DEEP AND AT 10' SPACING MAXIMUM FOR ALL CURBS.
 3. CONCRETE SHALL BE 3000 P.S.I., MIN. @ 28 DAYS.
 4. COST OF CURB PAD TO BE INCLUDED IN COST OF CURB.
 5. COMPACT CURB PAD TO A DENSITY OF 98% OF AASHTO T-180 SPECIFICATION.
 6. TYPE "D" CURB FOR PARKING LOTS MAY BE INSTALLED AS "TRENCHED" D CURB WITH EXTRUDED TOP AT THE CONTRACTOR'S OPTION. TRENCHED CURB REQUIRES CITY TRENCH INSPECTION AND APPROVAL. EXTRUDED CURB MUST BE PLACED WITHIN 15 MINUTES OF PLACEMENT OF TRENCH CONCRETE. EXTRUDED CURB AND TRENCH CONCRETE SHALL BE MONOLITHIC.

DESIGNED BY	IK	11/16		
DRAWN BY	IK	11/16		
CHECKED BY	JWR	11/16		
APPROVED BY	JWR	11/16	REVISED FOR DRG COMMENTS	
NAME		DATE	NO.	DATE
			1	2/3/17
				BY IK

JOSEPH ROLES AND ASSOC., INC.
CONSULTING ENGINEERS
7501 N.W. 4th STREET, SUITE 101
PLANTATION, FLORIDA 33317
PHONE (954) 581-1945
CERTIFICATE OF AUTHORIZATION NO. 3948

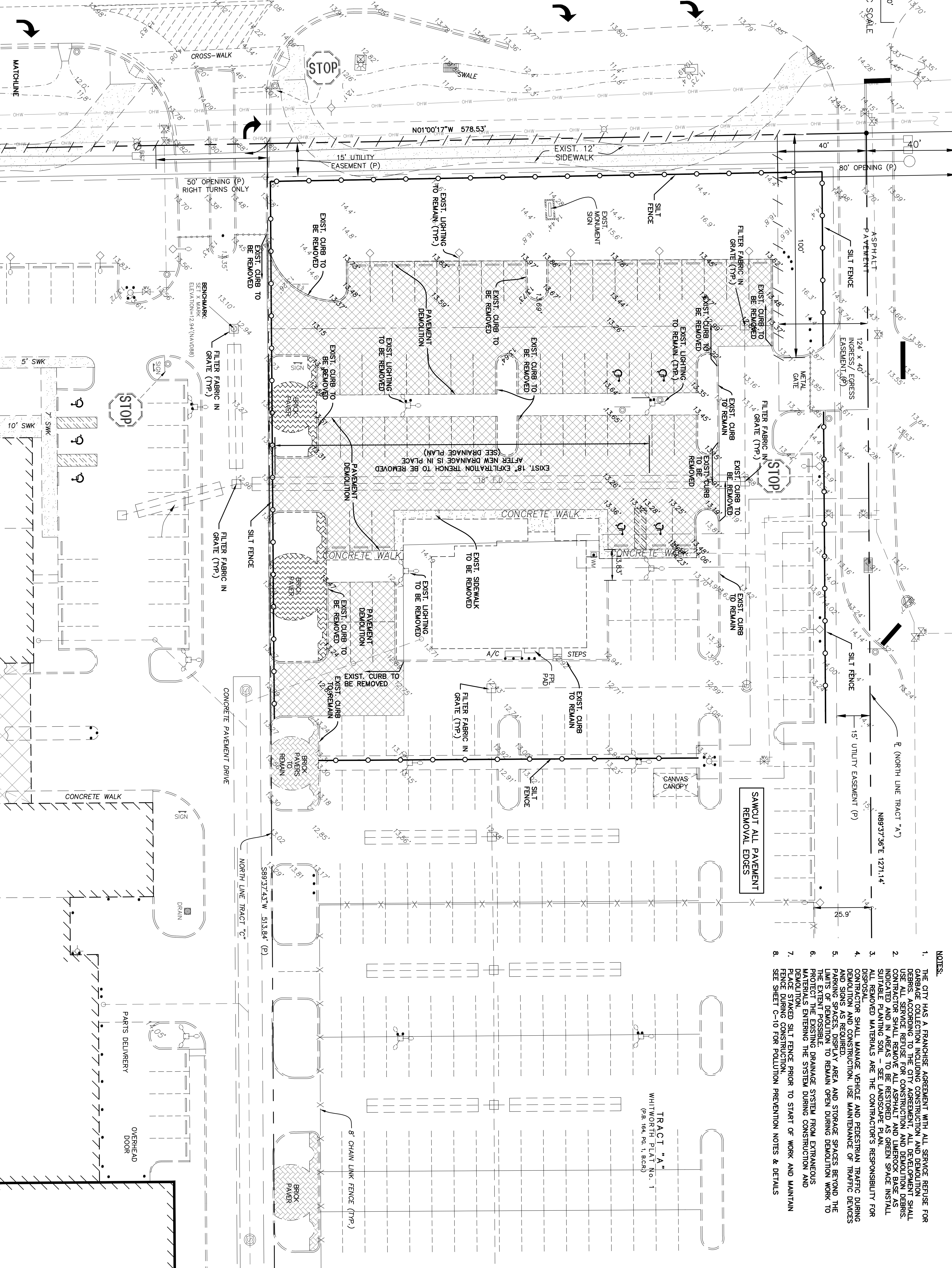
GUNTHER VOLVO DEALERSHIP
CITY OF COCONUT CREEK, FLORIDA
MISCELLANEOUS DETAILS

DATE:	11/16
SCALE:	AS SHOWN
PROJECT NO.	112-511-04
SHEET NO.	C-04 OF 10



WEST LINE SECTION 18, TOWNSHIP 48 SOUTH, RANGE 42 EAST

NORTH BOUND
STATE ROAD No. 7 (U.S. 441)



- NOTES:**
1. THE CITY HAS A FRANCHISE AGREEMENT WITH ALL SERVICE REFUSE FOR GARBAGE COLLECTION INCLUDING CONSTRUCTION AND DEMOLITION DEBRIS. ACCORDING TO THE CITY AGREEMENT, ALL DEMOLITION SHALL USE ALL SERVICE REFUSE FOR CONSTRUCTION AND DEMOLITION DEBRIS. USE OF SERVICE REFUSE FOR CONSTRUCTION AND DEMOLITION DEBRIS AS INDICATED IN THIS PLAN SHALL BE RESTORED AS GREEN SPACE INSTALL SUITABLE PLANTING SOIL - SEE LANDSCAPE PLAN.
 2. ALL REMOVED MATERIALS ARE THE CONTRACTOR'S RESPONSIBILITY FOR DISPOSAL.
 3. CONTRACTOR SHALL MANAGE VEHICLE AND PEDESTRIAN TRAFFIC DURING DEMOLITION AND CONSTRUCTION. USE MAINTENANCE OF TRAFFIC DEVICES AND SIGNS AS REQUIRED.
 4. PARKING SPACES, DISPLAY AREA AND STORAGE SPACES BEYOND THE LIMITS OF DEMOLITION TO REMAIN OPEN DURING DEMOLITION WORK TO PROTECT THE EXISTING DRAINAGE SYSTEM FROM EXTRANEOUS MATERIALS ENTERING THE SYSTEM DURING CONSTRUCTION AND DEMOLITION.
 5. PLACE STAKED SILT FENCE PRIOR TO START OF WORK AND MAINTAIN FENCE DURING CONSTRUCTION.
 6. SEE SHEET C-10 FOR POLLUTION PREVENTION NOTES & DETAILS

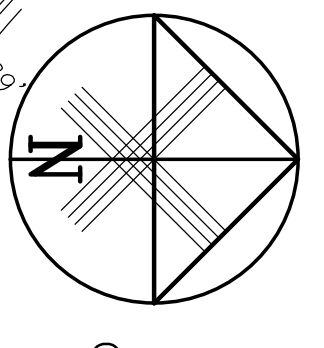
TRACT "A"
WHITWORTH PLAT No. 1
(P.B. 104, PG. 1, B.C.B.)

DESIGNED BY	IK	11/16
DRAWN BY	IK	11/16
CHECKED BY	JWR	11/16
APPROVED BY	JWR	11/16
NAME		DATE

JOSEPH ROLES AND ASSOC., INC.
CONSULTING ENGINEERS
7501 N.W. 4th STREET, SUITE 101
PLANTATION, FLORIDA 33317
PHONE (954) 581-1945
CERTIFICATE OF AUTHORIZATION NO. 3948

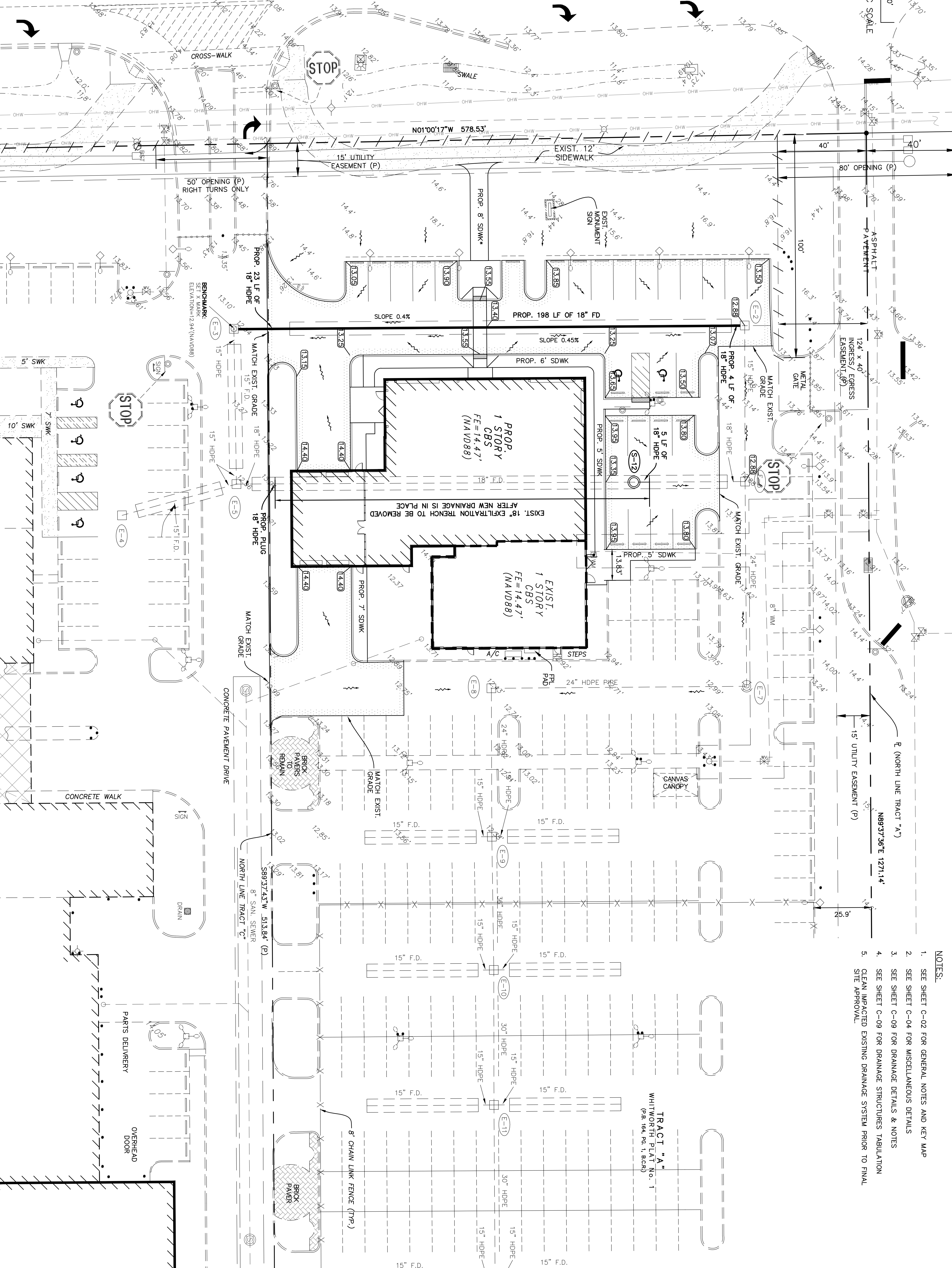
GUNTHER VOLVO DEALERSHIP
CITY OF COCONUT CREEK, FLORIDA
DEMOLITION / POLLUTION PREVENTION PLAN

DATE:	11/16
SCALE:	AS SHOWN
PROJECT NO.:	112-511-04
SHEET NO. C-05 OF	10



WEST LINE SECTION 18, TOWNSHIP 48 SOUTH, RANGE 42 EAST

NORTH BOUND
STATE ROAD No. 7 (U.S. 441)



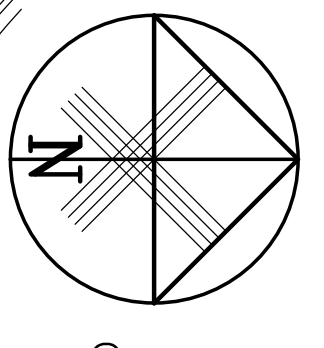
- NOTES:
1. SEE SHEET C-02 FOR GENERAL NOTES AND KEY MAP
 2. SEE SHEET C-04 FOR MISCELLANEOUS DETAILS
 3. SEE SHEET C-09 FOR DRAINAGE DETAILS & NOTES
 4. SEE SHEET C-09 FOR DRAINAGE STRUCTURES TABULATION
 5. CLEAN IMPACTED EXISTING DRAINAGE SYSTEM PRIOR TO FINAL SITE APPROVAL.

DESIGNED BY	IK	11/16
DRAWN BY	IK	11/16
CHECKED BY	JWR	11/16
APPROVED BY	JWR	11/16
NAME		DATE

JOSEPH ROLES AND ASSOC., INC.
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CERTIFICATE OF AUTHORIZATION NO. 3948

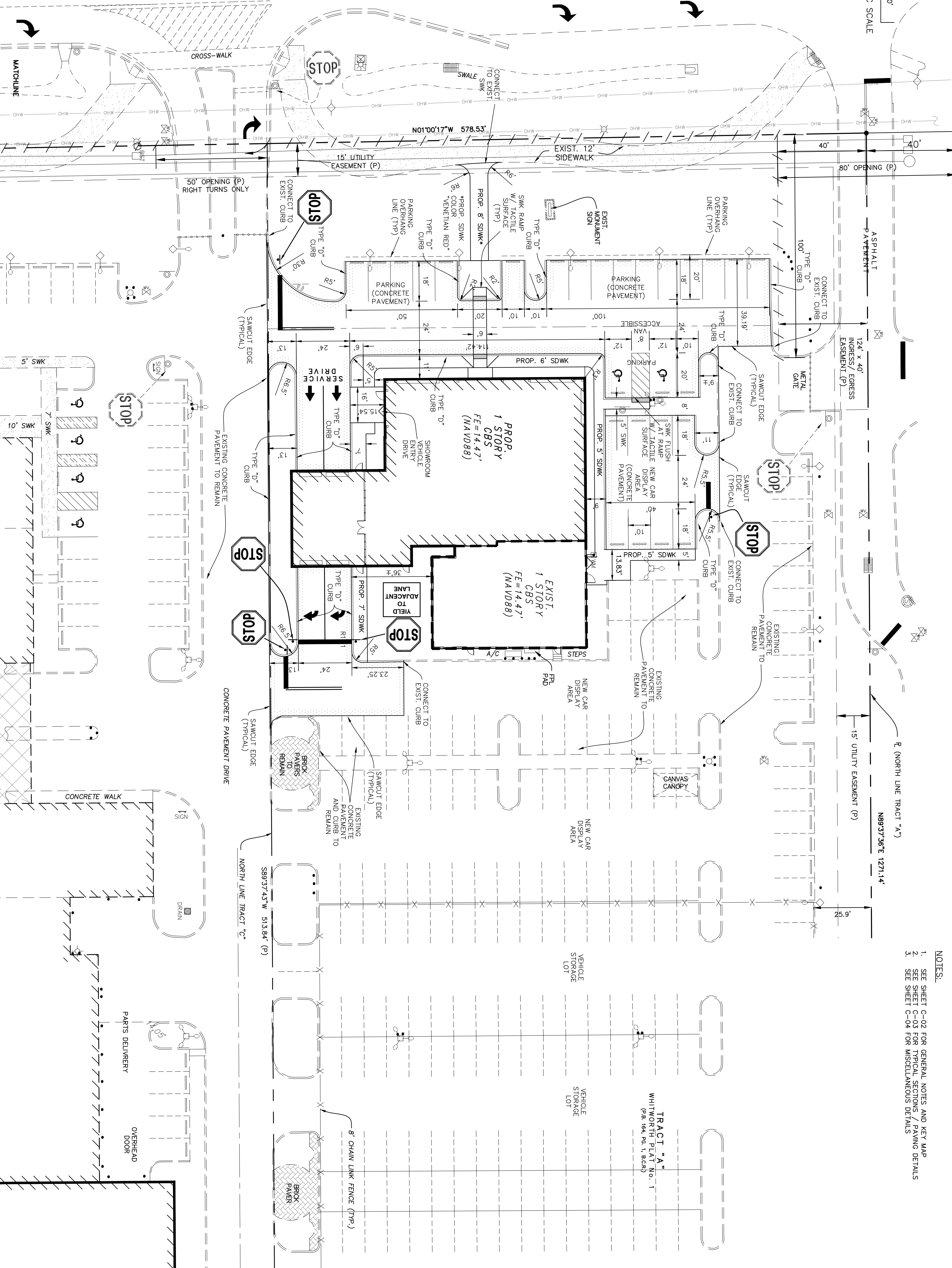
GUNTHER VOLVO DEALERSHIP
CITY OF COCONUT CREEK, FLORIDA
GRADING AND DRAINAGE PLAN

DATE:	11/16
SCALE:	AS SHOWN
PROJECT NO.	112-511-04
SHEET NO.	C-06 OF 10



WEST LINE SECTION 18, TOWNSHIP 48 SOUTH, RANGE 42 EAST

NORTH BOUND
STATE ROAD No. 7 (U.S. 441)



- NOTES:
1. SEE SHEET C-02 FOR GENERAL NOTES AND KEY MAP
 2. SEE SHEET C-03 FOR TYPICAL SECTIONS / PAVING DETAILS
 3. SEE SHEET C-04 FOR MISCELLANEOUS DETAILS

TRACT "A"
WHITWORTH PLAT No. 1
(P.B. 104, P.C. 1, B.C.B.)

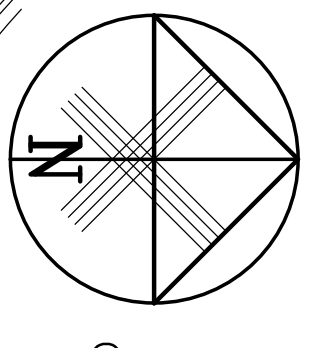
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DRAWN BY	IK	11/16
CHECKED BY	JWR	11/16
APPROVED BY	JWR	11/16
NAME		DATE

REVISED FOR DRG COMMENTS
NO. 1
DATE 2/3/17
BY IK

JOSEPH ROLES AND ASSOC., INC.
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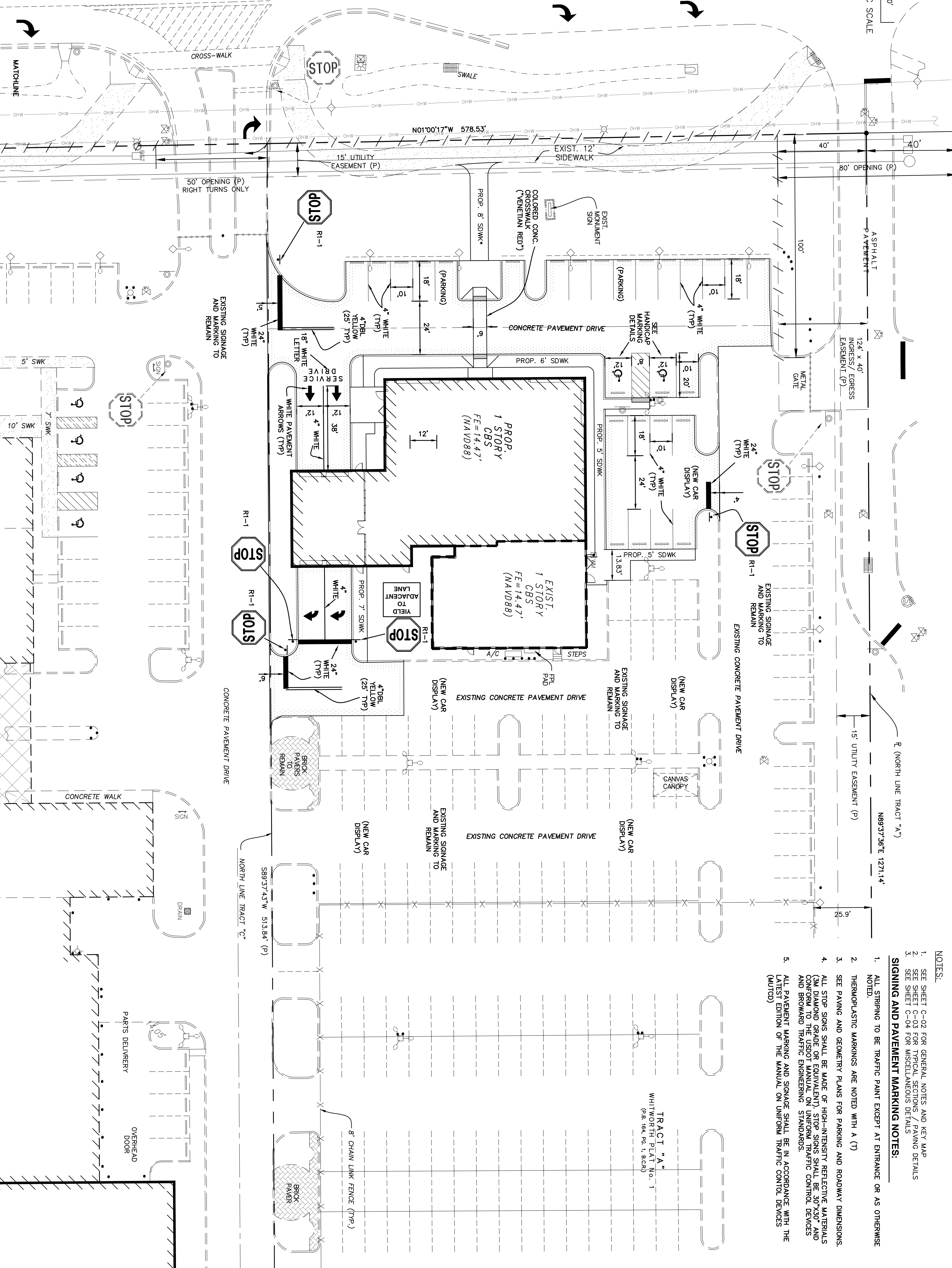
GUNTHER VOLVO DEALERSHIP
CITY OF COCONUT CREEK, FLORIDA
PAVING AND GEOMETRY PLAN

DATE:	11/16
SCALE:	AS SHOWN
PROJECT NO.:	112-511-04
SHEET NO.:	C-07 OF 10



WEST LINE SECTION 18, TOWNSHIP 48 SOUTH, RANGE 42 EAST

NORTH BOUND
STATE ROAD No. 7 (U.S. 441)



- NOTES:**
1. SEE SHEET C-02 FOR GENERAL NOTES AND KEY MAP
 2. SEE SHEET C-03 FOR TYPICAL SECTIONS / PAVING DETAILS
 3. SEE SHEET C-04 FOR MISCELLANEOUS DETAILS
- SIGNING AND PAVEMENT MARKING NOTES:**
1. ALL STRIPING TO BE TRAFFIC PAINT EXCEPT AT ENTRANCE OR AS OTHERWISE NOTED.
 2. THERMOPLASTIC MARKINGS ARE NOTED WITH A (T)
 3. SEE PAVING AND GEOMETRY PLANS FOR PARKING AND ROADWAY DIMENSIONS.
 4. ALL STOP SIGNS SHALL BE MADE OF HIGH-INTENSITY REFLECTIVE MATERIALS (3M DIAMOND GRADE OR EQUIVALENT). STOP SIGNS SHALL BE 30"x30" AND CONFORM TO THE USDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND BROWARD TRAFFIC ENGINEERING STANDARDS.
 5. ALL PAVEMENT MARKING AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)

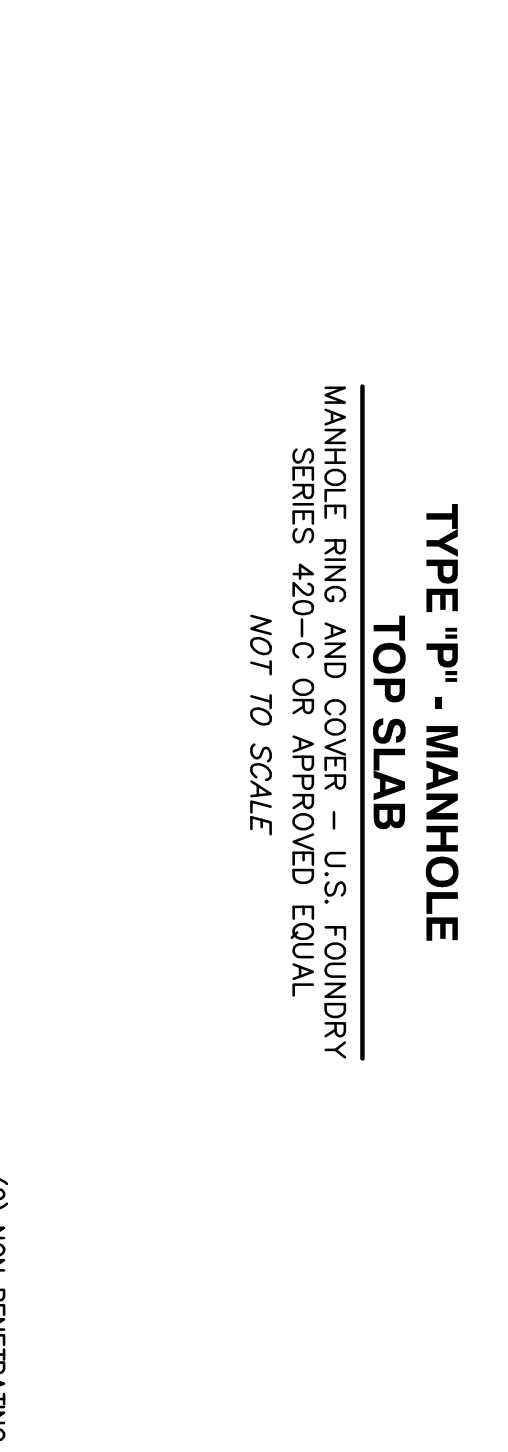
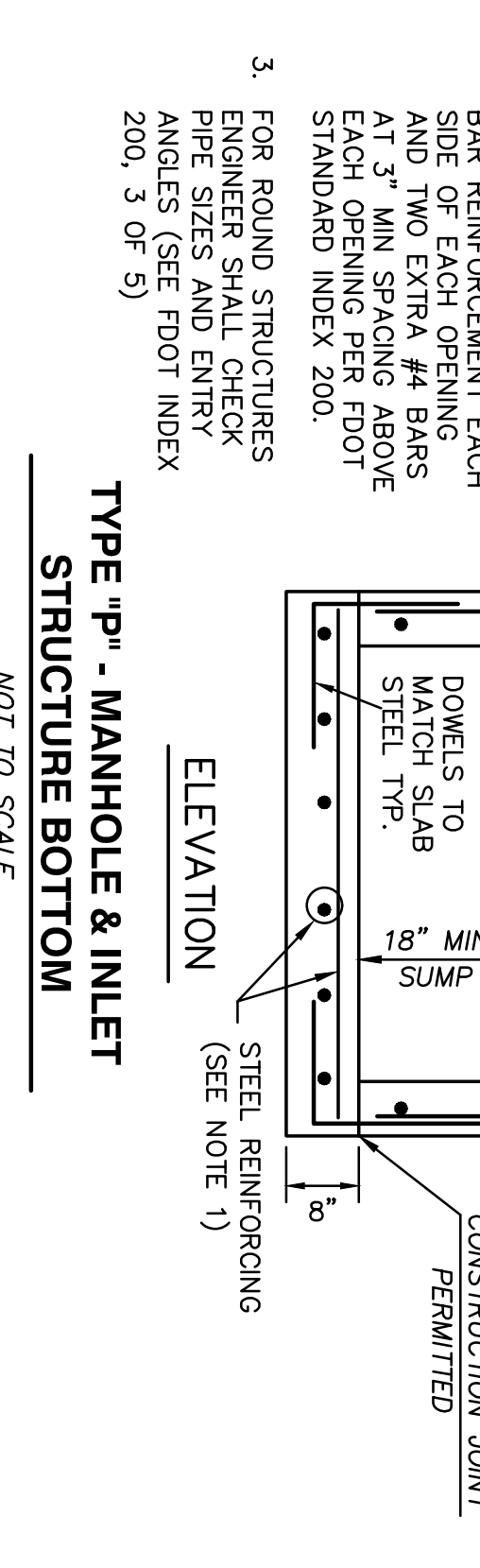
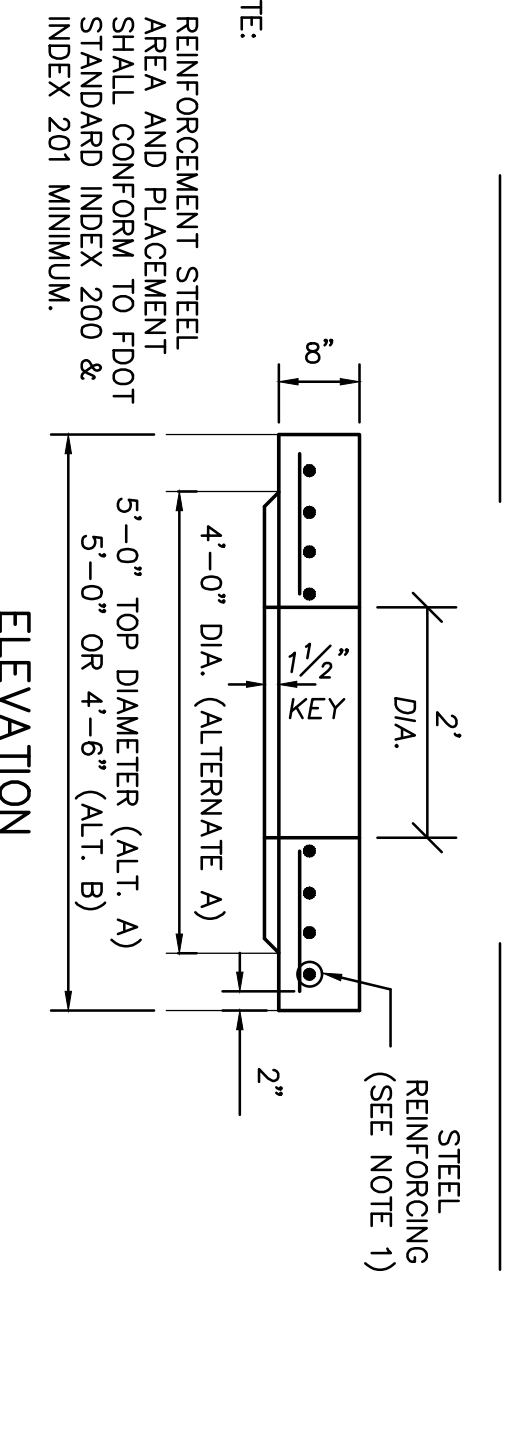
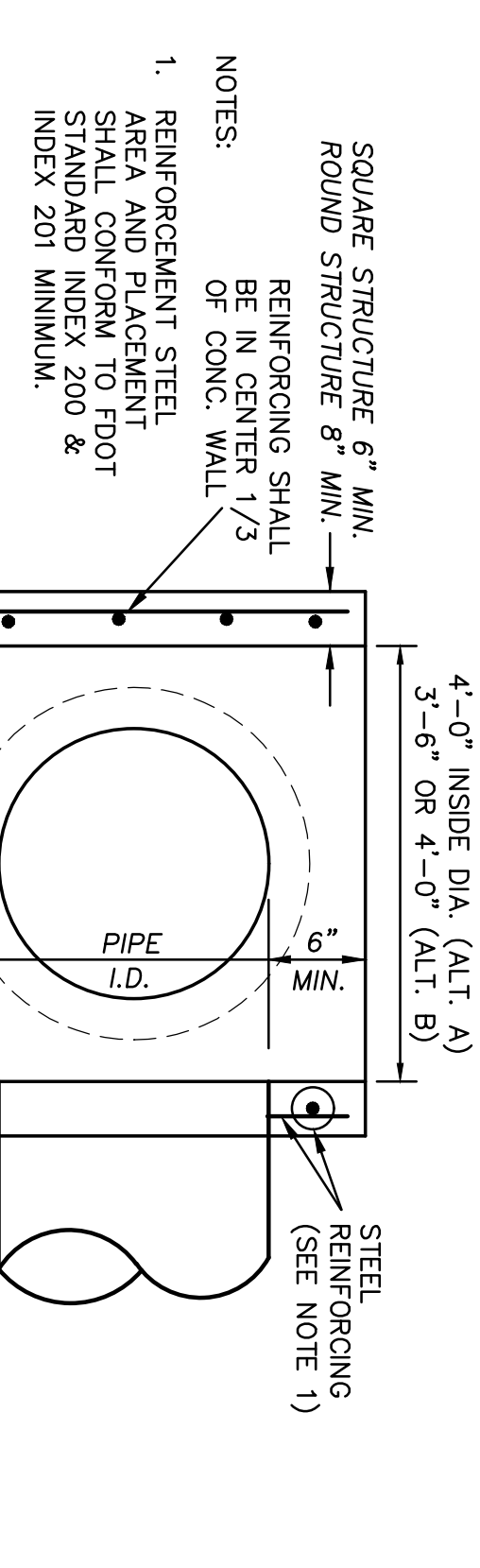
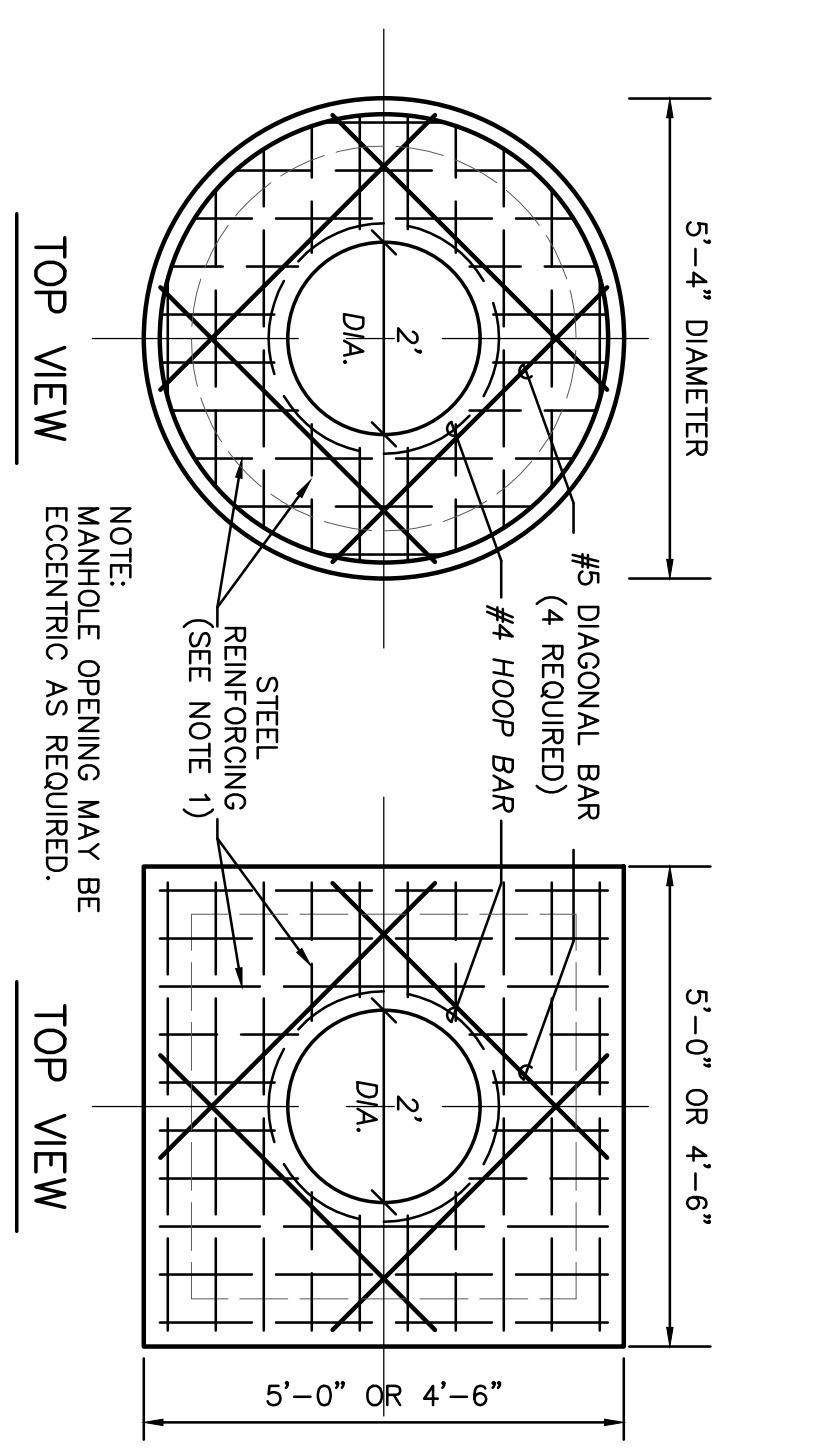
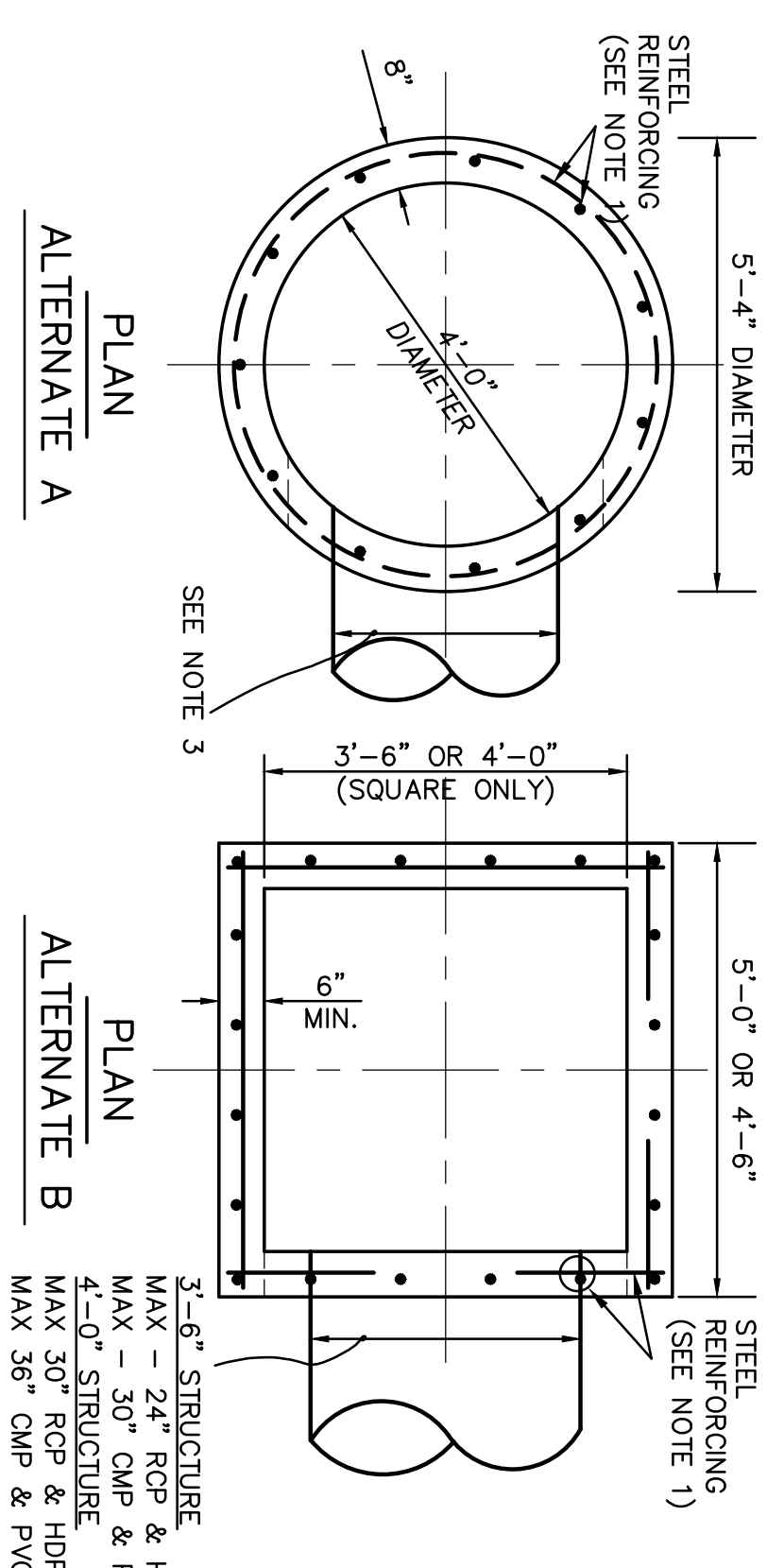
DESIGNED BY	IK	11/16
DRAWN BY	IK	11/16
CHECKED BY	JWR	11/16
APPROVED BY	JWR	11/16
NAME		DATE

REVISED FOR DRG COMMENTS		
REVISIONS		
NO.	DATE	BY
1	2/3/17	IK

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GUNTHER VOLVO DEALERSHIP
CITY OF COCONUT CREEK, FLORIDA
SIGNING AND MARKING PLAN

DATE:	11/16
SCALE:	AS SHOWN
PROJECT NO.	112-511-04
SHEET NO.	C-08 OF 10



STRUCTURE	WEIR SIZE	WEIR CREST
S-5	54"	EL. 11.14

PIPE DIA. (W)	(N)	(GAUGE)	(H)
15"	21"	16	VARIES
18"	24"	16	VARIES
21"	30"	16	VARIES
24"	36"	16	VARIES
30"	42"	14	VARIES
36"	48"	14	VARIES
42"	54"	14	VARIES
48"	60"	14	VARIES
54"	66"	14	VARIES
60"	72"	14	VARIES

- NOTES:
- ALUMINUM SHEET OF SAME THICKNESS (GAUGE) AS PIPE BAFFLE OR BOTTOM FOR WEIR.
 - NEOPRENE ADHESIVE BACKED GASKET OR APPROVED EQUAL (1" x 2") SHALL BE INSTALLED ON THE SIDES AND TOP OF OR ALL BAFFLES AND BOTTOM OF ALL WEIRS.
 - POLLUTION RETARDANT BAFFLE AND WEIR TO BE FASTENED IN PLACE WITH 1/2" x 4" STAINLESS STEEL TIED HEAD ANCHORS, OR APPROVED EQUAL, ALL MOUNTING HARDWARE TO BE STAINLESS STEEL.
 - FIBERGLASS BAFFLES ARE NOT PERMITTED.
 - BRACKETS MAY BE ADDED TO FLAT BARS TO EASE INSTALLATION IN ROUND STRUCTURES. SPACING TO MATCH HOLES IN FLAT BARS.
 - PIPE CORRUPTION SHALL BE ANNULAR.

POLLUTION RETARDANT BAFFLE & WEIR DETAILS

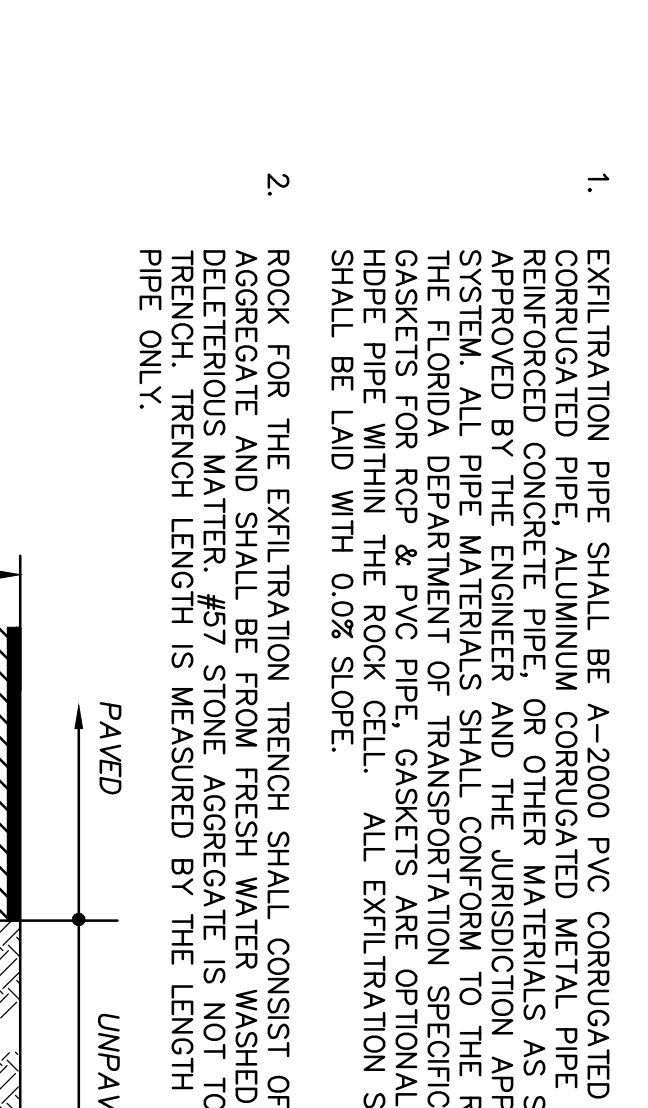
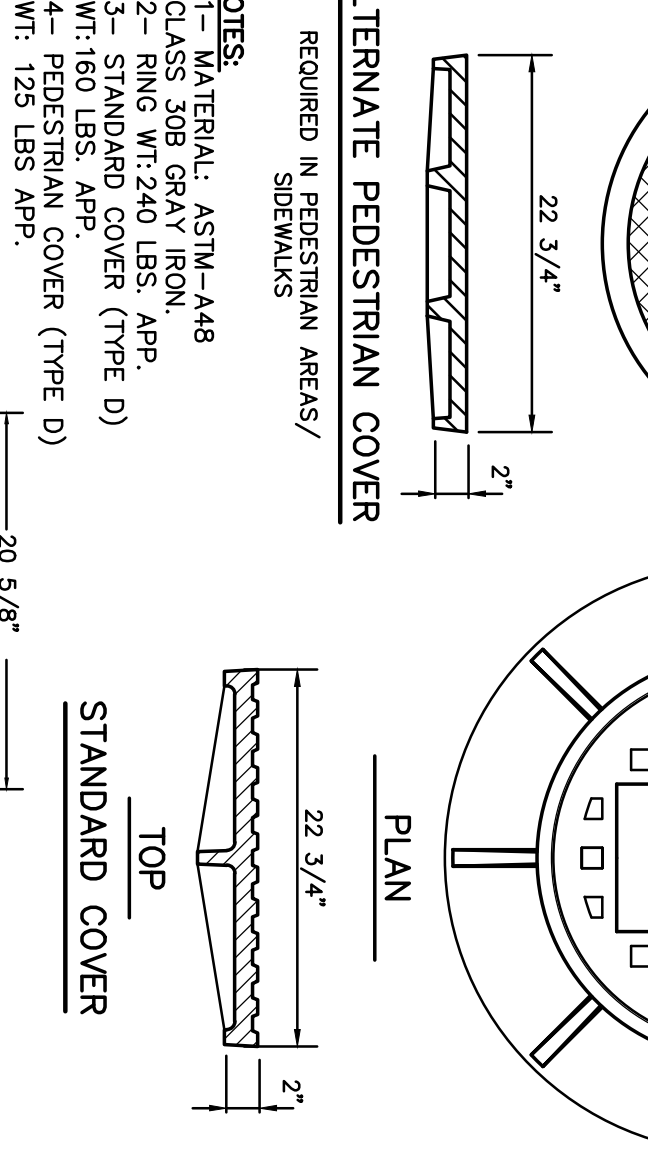
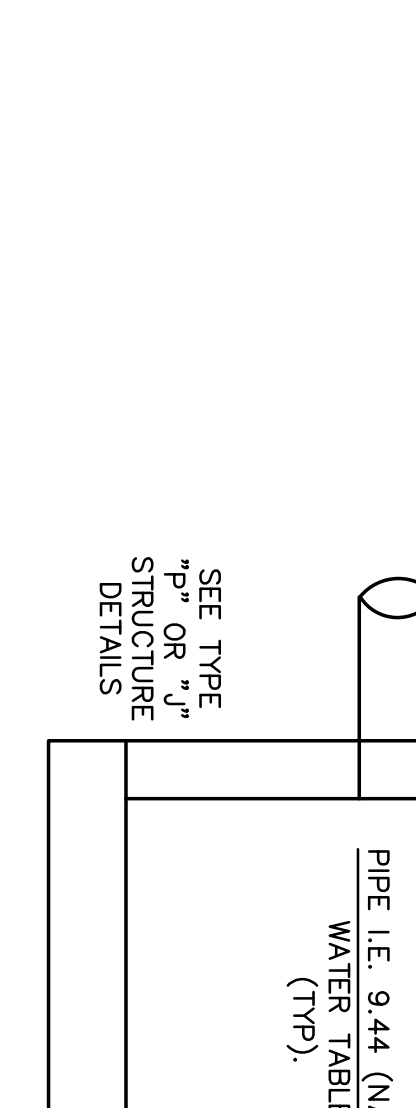
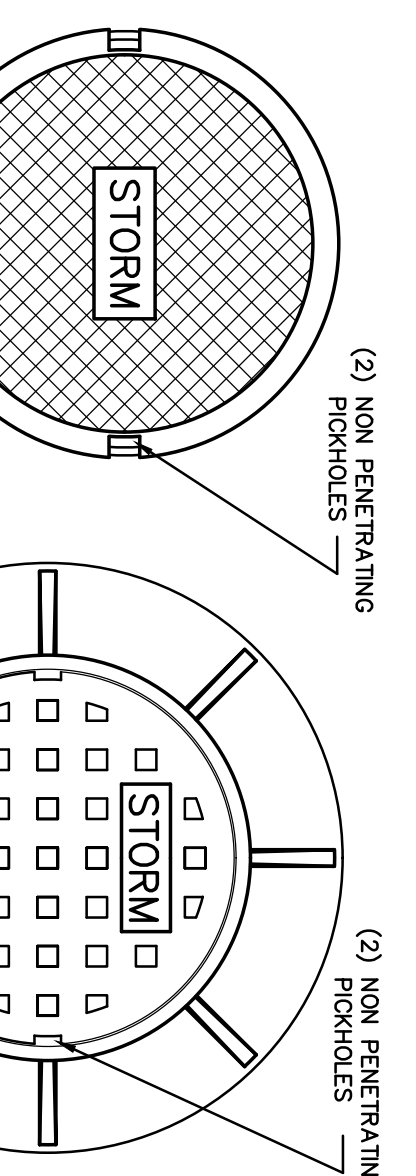
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DRAWN BY	IK	11/16	
CHECKED BY	JWR	11/16	
APPROVED BY	JWR	11/16	
NAME		DATE	

DRAINAGE STRUCTURE TABULATION

(E-2)	EXIST. INLET (TO REMAIN) GRATE ELEV. 12.88 EXIST 15" HDPE I.E. (E) 9.22 CONNECT 18" HDPE I.E. (S) 9.44
(E-3)	EXIST. INLET (TO REMAIN) GRATE ELEV. 12.86 EXIST 15" FD I.E. (E) 9.46 CONNECT 18" HDPE I.E. (N) 9.44
(E-4)	EXIST. INLET (TO REMAIN) GRATE ELEV. 13.18 EXIST 15" FD I.E. (N) 9.44
(E-5)	EXIST. INLET (TO REMAIN) GRATE ELEV. 12.96 EXIST 18" FD I.E. (N) 9.44 EXIST 15" FD I.E. (S) 9.44 EXIST 15" FD I.E. (W) 9.44 (TERMINATE 18" FD (N) 15' NORTH OF STRUCTURE AND PLUG PIPE AND PROVIDE END FOR CLOSURE FOR EXFILTRATION TRENCH - REMAINING TRENCH NORTH TO BE REMOVED)
(E-6)	EXIST. INLET (TO REMAIN) GRATE ELEV. 12.88 EXIST 18" FD I.E. (S) 9.46 EXIST 15" HDPE I.E. (E) 8.44 EXIST 15" HDPE I.E. (W) 9.20
(E-7)	EXIST. MANHOLE (TO REMAIN) GRATE ELEV. 13.03 EXIST 24" HDPE I.E. (S) 8.02 EXIST 24" HDPE I.E. (N) 8.46
(E-8)	EXIST. INLET (TO REMAIN) GRATE ELEV. 12.43 EXIST 24" HDPE I.E. (E) 7.96
(E-12)	CONST. MANHOLE TYPE P-7 GRATE ELEV. 12.75 18" HDPE I.E. (N) 9.44 (5 L.F.) (CONNECT NEW PIPE TO EXIST 18" F.D. PIPE AND PROVIDE END CLOSURE FOR EXFILTRATION TRENCH)

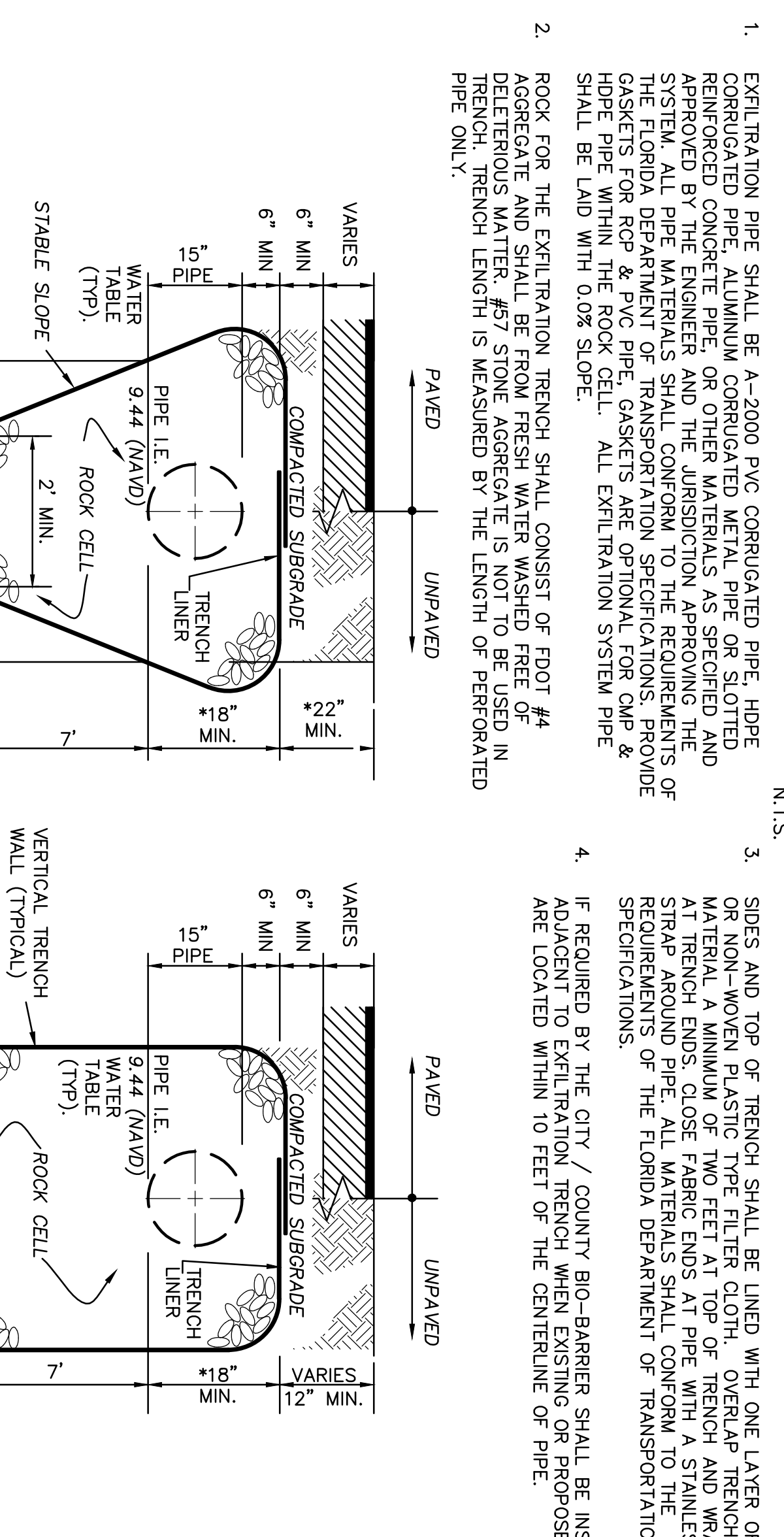
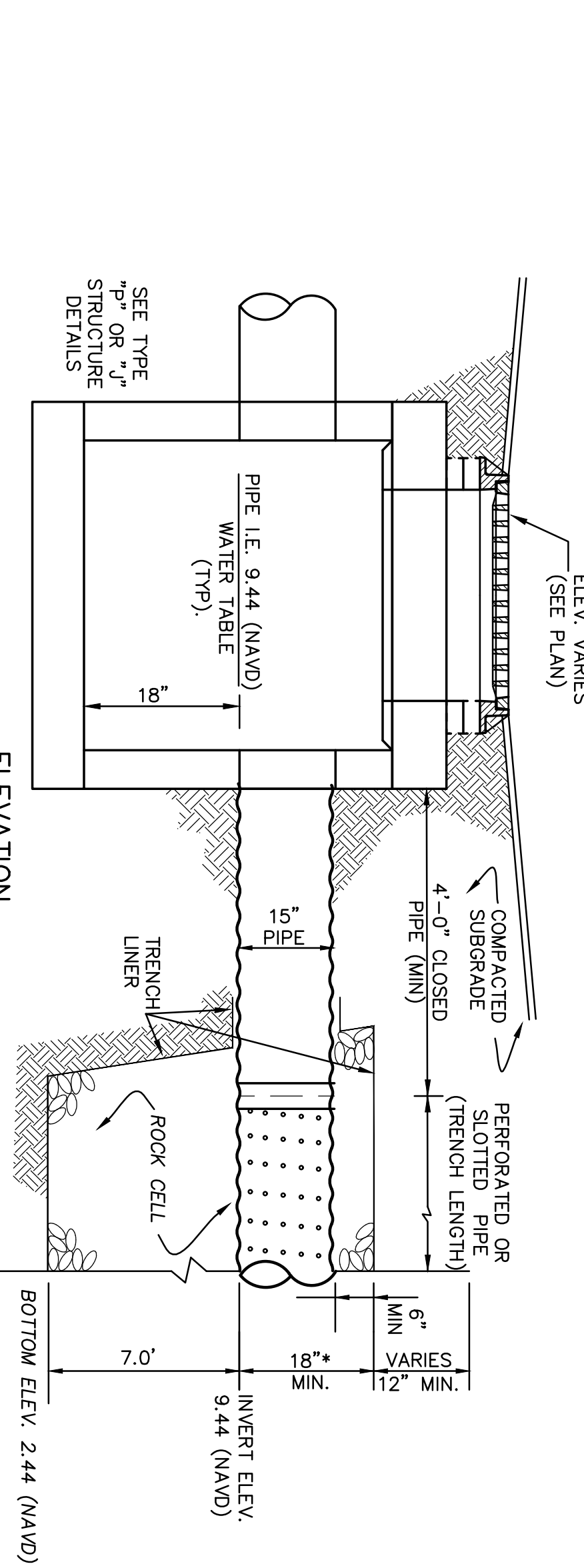
GENERAL DRAINAGE NOTES:

- WALL OF CIRCULAR STRUCTURES [ALTERNATE "A"] OR RECTANGULAR STRUCTURES [ALTERNATE "B"] SHALL BE CONSTRUCTED OF CONCRETE ONLY. THE CONCRETE MAY BE CAST-IN-PLACE OR PRECAST AS APPROVED BY THE ENGINEER.
- WALL REINFORCEMENT AND THICKNESS ARE FOR EITHER CAST-IN-PLACE OR PRECAST CONCRETE UNITS EXCEPT THAT THE MANUFACTURER MAY FURNISH PRECAST CIRCULAR UNITS IN ACCORDANCE WITH A.S.T.M. SPECIFICATION C-478 UP TO 96" IN DIA. OR PRECAST CIRCULAR UNITS A.S.T.M. SPECIFICATION C-76, TABLE III, FOR "B" WALL CONCRETE PIPE WITH 6" MINIMUM WALL THICKNESS. TOP AND FLOOR SLAB THICKNESS AND REINFORCEMENT ARE FOR ALL TYPES OF CONSTRUCTION.
- ELLIPTICAL STEEL, A.S.T.M. SPECIFICATION C-76, TABLE III, "B" WALL, IS MODIFIED TO USE A CIRCULAR GAGE OF STEEL AREA EQUAL TO THAT OF THE ELLIPTICAL GAGE AND PLACED IN THE CENTER ONE-THIRD OF THE WALL. THIS MODIFICATION IS FOR PRECAST CIRCULAR UNITS PRODUCED IN ACCORDANCE WITH A.S.T.M. C-76.
- RECTANGULAR STRUCTURES MAY BE ROTATED AS DIRECTED BY THE ENGINEER IN ORDER TO FACILITATE CONNECTIONS BETWEEN THE STRUCTURE WALLS AND THE STORM SEWER PIPES.
- EMBEDMENT HOOKS IN THE TOP AND BOTTOM SLABS MAY BE REPLACED WITH STRAIGHT EMBEDMENTS.
- CORNER FILETS FOR RECTANGULAR STRUCTURES ARE NECESSARY ONLY WHEN STRUCTURES ARE USED IN CONJUNCTION WITH CIRCULAR INLET THROATS [TYPES 1, 2, 3 AND 4] OR WHEN USED ON SKEW WITH RECTANGULAR INLET THROATS [TYPE 5 AND 6].
- INLET THROATS, RISERS OR MANHOLE TOPS SHALL BE SECURED TO STRUCTURES WITH A MINIMUM OF 6 - NO. 4 BARS 12" LONG OR KETED.
- LARGER THAN SPECIFIED STANDARD UNITS MAY BE SUBSTITUTED AT THE CONTRACTOR'S OPTION WHEN THESE UNITS WILL NOT CAUSE OR INCREASE THE SEVERITY OF UTILITY CONFLICTS. SUCH LARGER UNITS SHALL BE FURNISHED AT NO ADDITIONAL COST TO THE OWNER. LARGER ALTERNATE "A" UNITS CANNOT REPLACE ALTERNATE "B" UNITS WITHOUT APPROVAL OF THE ENGINEER AND B.C.E.D. FOR COUNTY RIGHT-OF-WAY.
- GRADE AND FRAME FOR MANHOLES AND CATCH BASINS SHALL BE TRAFFIC BEARING DESIGN, WITH A MINIMUM COMBINED WEIGHT OF 410 POUNDS. MINIMUM LID WEIGHT OF 165 POUNDS.



STANDARD DRAINAGE MANHOLE RING AND COVER

U.S. FOUNDRY #420-C RING AND COVER OR APPROVED EQUAL
NOT TO SCALE



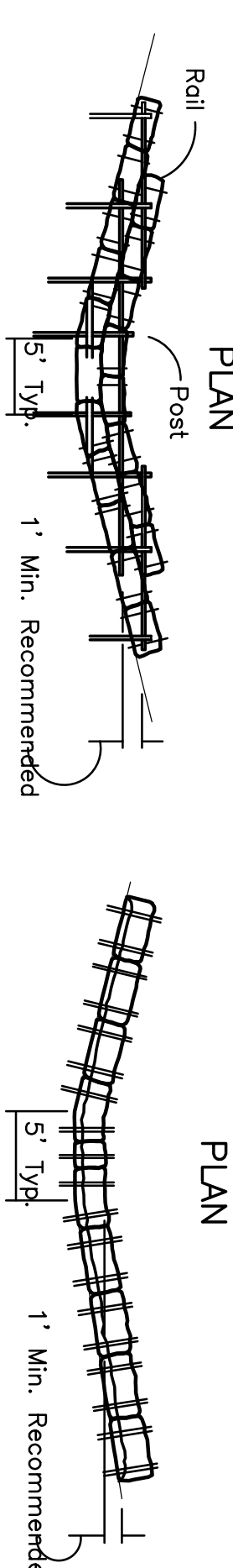
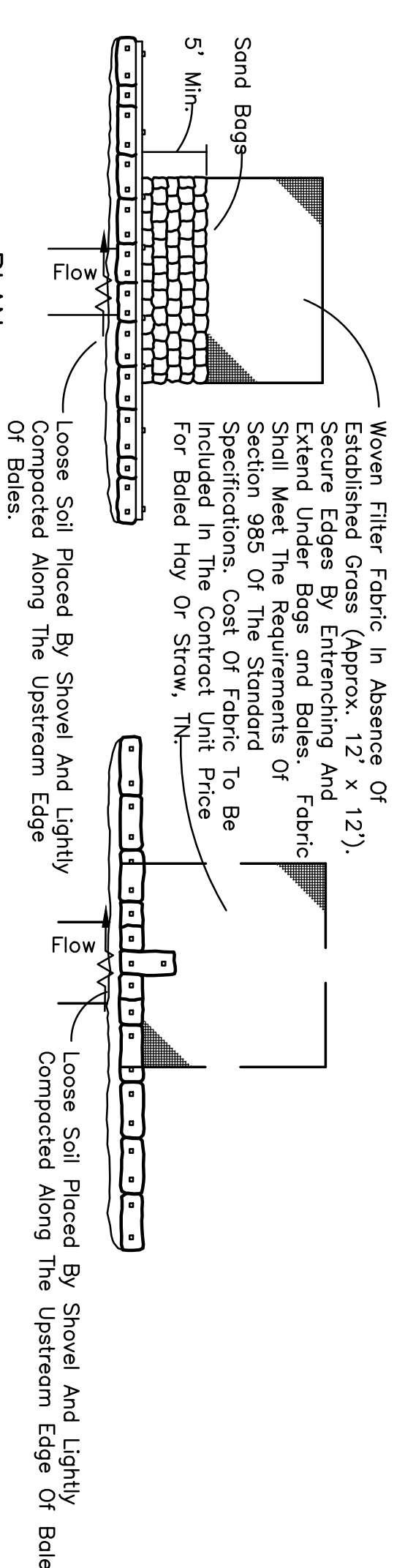
EXFILTRATION TRENCH CONSTRUCTION DETAILS

- NOTES:
- EXFILTRATION PIPE SHALL BE A-2000 PVC CORRUGATED PIPE, HDPE REINFORCED POLYETHYLENE OR OTHER MATERIALS AS SPECIFIED AND APPROVED BY THE ENGINEER AND THE JURISDICTION APPROVING THE SYSTEM. ALL PIPE MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. PROVIDE GASKETS FOR RCP & PVC PIPE. GASKETS ARE OPTIONAL FOR CMP & HDPE PIPE WITHIN THE ROCK CELL. ALL EXFILTRATION SYSTEM PIPE SHALL BE Laid WITH 0.0% SLOPE.
 - ROCK FOR THE EXFILTRATION TRENCH SHALL CONSIST OF FOOT #4 AGGREGATE AND SHALL BE FRESH WATER WASHED FREE OF DELETERIOUS MATTER. #57 STONE AGGREGATE IS NOT TO BE USED IN TRENCH. TRENCH LENGTH IS MEASURED BY THE LENGTH OF PERFORATED PIPE ONLY.
 - SIDES AND TOP OF TRENCH SHALL BE LINED WITH ONE LAYER OF WOVEN MATERIAL. MINIMUM OF TWO FEET TOP OF TRENCH AND WEAP PIPE AT TRENCH ENDS. CLOSE FABRIC ENDS AT PIPE WITH A STAINLESS STEEL STRAP AROUND PIPE. ALL MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
 - IF REQUIRED BY THE CITY / COUNTY BIO-BARRIER SHALL BE INSTALLED ADVANTAGE TO EXFILTRATION TRENCH WHEN EXISTING OR PROPOSED TREES ARE LOCATED WITHIN TO FEET OF THE CENTERLINE OF PIPE.

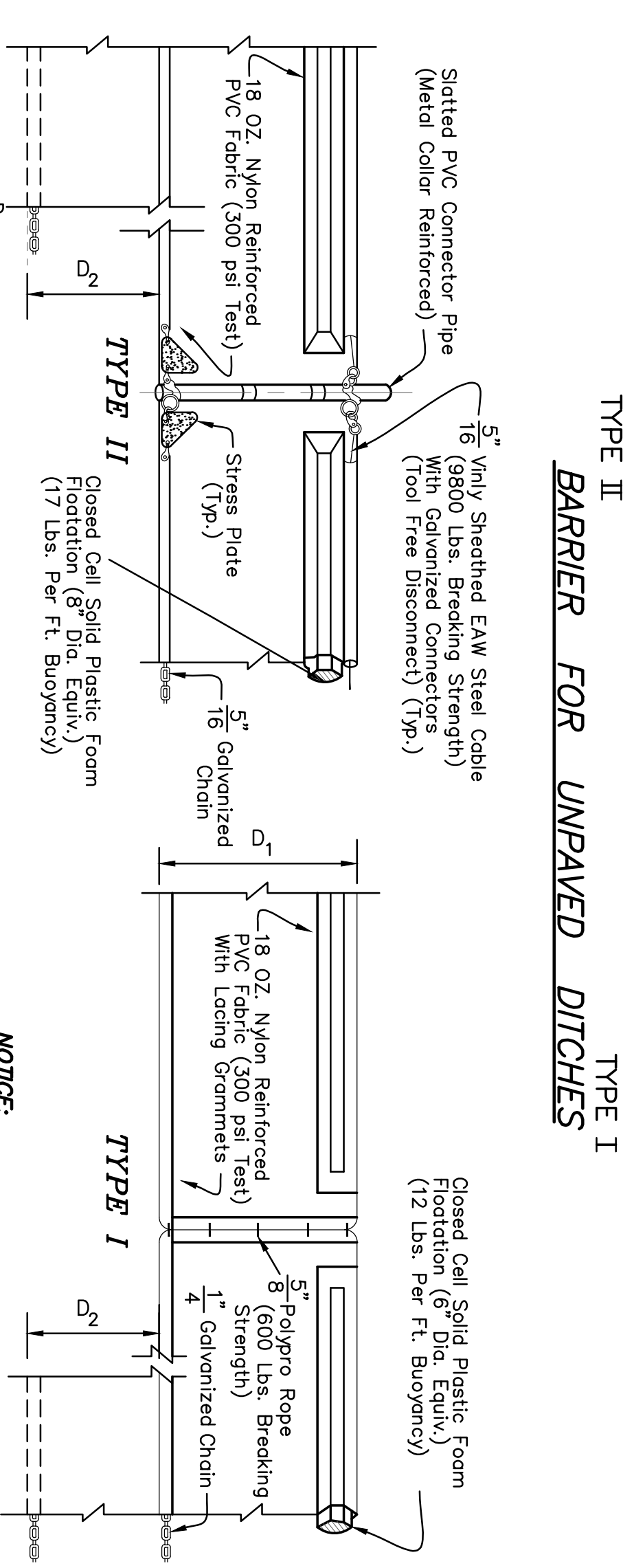
JOSEPH ROLES AND ASSOC., INC.
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CERTIFICATE OF AUTHORIZATION NO. 3948

GUNTHER VOLVO DEALERSHIP
CITY OF COCONUT CREEK, FLORIDA
DRAINAGE DETAILS & NOTES

DATE:	11/16
SCALE:	AS SHOWN
PROJECT NO.	112-511-04
SHEET NO.	C-09 OF 10

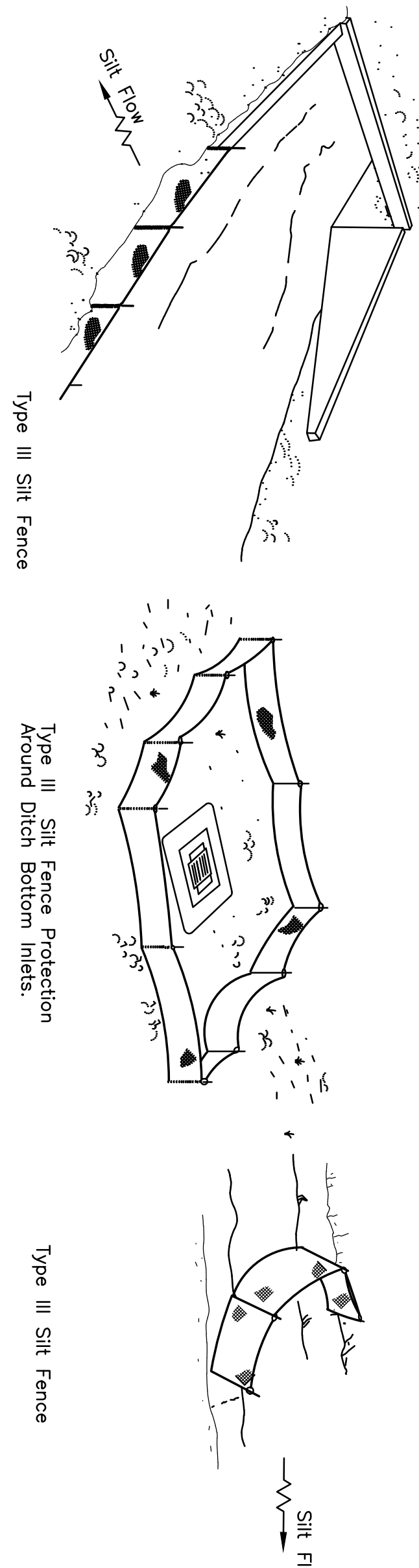


ELEVATION
Application and Spacing: The use of Types I & II bale barriers should be limited to the conditions outlined in Chart I, Sheet 1 of 3, Index No. 102



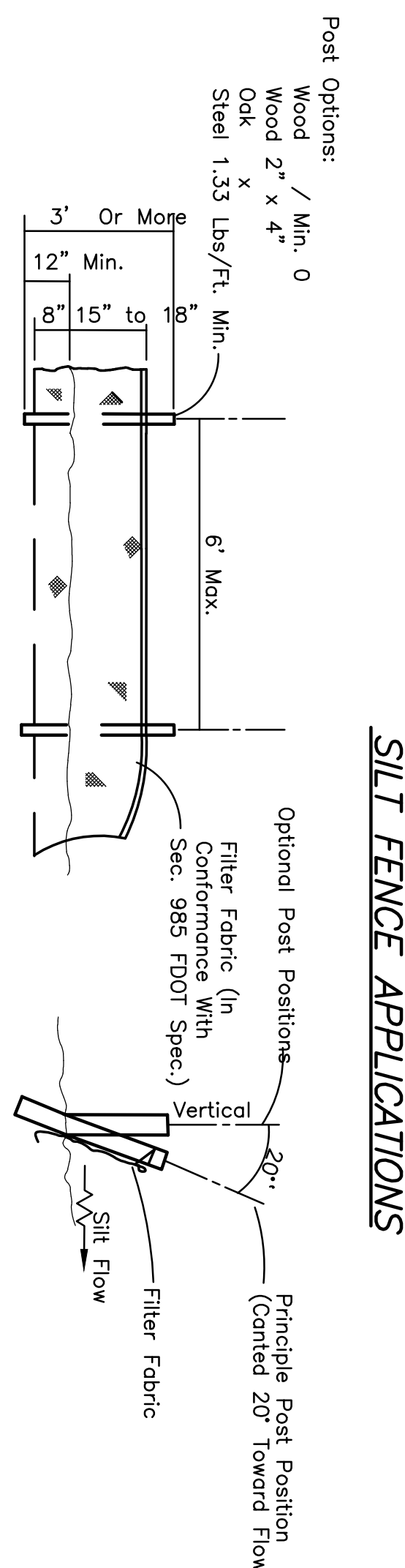
NOTE:
COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

FLOATING TURBIDITY BARRIERS



SILT FENCE APPLICATIONS

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.



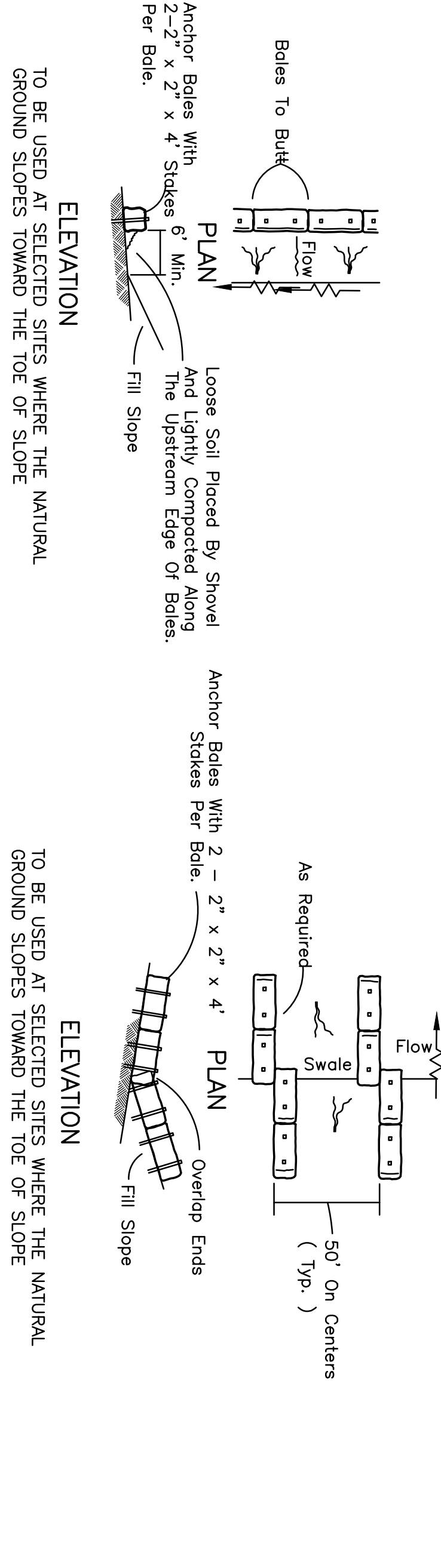
Note: Silt Fence to be paid for under the contract unit price for Staked Silt Fence (LF).

- I. GENERAL NOTES**
- ALL EROSION CONTROL DEVICES SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF WORK
 - INSTALL SILT FENCE WHERE REQUIRED BY THE APPROVED POLLUTION PREVENTION PLAN
 - REMOVE HAY BALES FROM DICH BLOCKS WHERE REQUIRED BY THE APPROVED POLLUTION PREVENTION PLAN
 - PROVIDE ROCK BAGS AT INLET OPENINGS WHERE REQUIRED BY THE APPROVED POLLUTION PREVENTION PLAN
 - STABILIZED AND PERMANENT GRASSING IS IN PLACE
- II. EROSION AND SEDIMENT CONTROLS**
- The purpose of the turbidity monitoring plan is to ensure that state water quality standards are achieved to in adjacent surface water throughout the area of construction.
- A WATER QUALITY MONITORING PROGRAM SHALL BE IMPLEMENTED AS OUTLINED BELOW:

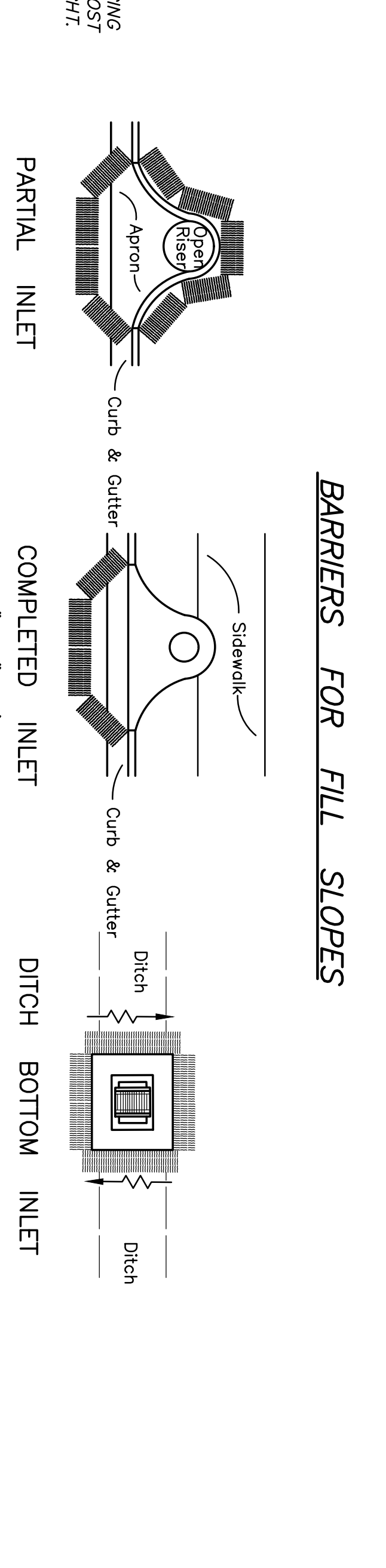
- TURBIDITY SHALL BE MEASURED IN UPPER EXTREME TURBIDITY UNITS (TU) SURROUNDING SAMPLES SHALL BE TAKEN 200 FEET UPSTREAM OF ANY CONSTRUCTION ACTIVITY FROM ADJACENT SURFACE WATER. SAMPLES SHALL BE TAKEN 200 DOWNSTREAM SAMPLES SHALL BE TAKEN TWICE DAILY, WITH AT LEAST A FOUR-HOUR INTERVAL, DURING ALL WORK AUTHORIZED BY THIS PERMIT.
- MONITORING SHALL BEGIN ON THE FIRST DAY OF CONSTRUCTION FOR ALL ACTIVITIES WITHIN OR TO ADJACENT AREAS. MONITORING SHALL BE DISCONTINUED UPON COMPLETION OF CONSTRUCTION AND THE DOWNSIDE OF ALL PROPOSED ACTIVITIES MEETS OR EXCEEDS THE BACKGROUND TURBIDITY LEVEL. MONITORING SHALL BE DISCONTINUED UPON COMPLETION OF CONSTRUCTION. IF MONITORING SHOWS SIGNIFICANT INCREASES IN TURBIDITY, CONSTRUCTION SHALL CEASE AND STRICT COMPLIANCE SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT BE RESUMED UNTIL TURBIDITY RETURNS TO BACKGROUND LEVELS. CONSTRUCTION SHALL BE MAINTAINED ON SITE AND BE AVAILABLE TO DISTRICT STAFF DURING REGULAR BUSINESS HOURS.
- THE CONTENT OF THE DATA SHALL INCLUDE: (1) PERMIT AND APPLICATION NUMBER, (2) DATES OF SAMPLING AND ANALYSIS, (3) STATEMENT DESCRIBING THE METHODS USED IN COLLECTION, HANDLING, STORAGE AND ANALYSIS OF THE SAMPLES, (4) A MAP INDICATING THE SAMPLING LOCATIONS AND (5) THE RESULTS OF THE ANALYSIS.
- CONCERNING THE AUTHENTICITY, PRECISION, LIMITS OF DETECTION AND ACCURACY OF THE DATA MONITORING REPORTS SHALL ALSO INCLUDE THE FOLLOWING INFORMATION FOR EACH SAMPLE THAT IS TAKEN:
 - TIME OF DAY SAMPLES TAKEN
 - DEPTH OF WATER BODY
 - WIND DIRECTION AND VELOCITY
 - ANTICIPATED WEATHER CONDITIONS
 - WIND DIRECTION AND VELOCITY
- STABILIZATION MEASURES, SUCH AS SOILING OR SEEDING OF SOLE SLOPES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TERMINATED OR ARE TO BE TERMINATED. SOILING SHALL BE INITIATED WITHIN 30 DAYS AFTER THE CONSTRUCTION ACTIVITY TERMINATES OR PERMANENTLY CEASES.
- STRUCTURAL PRACTICES INCLUDE:
 - SILT FENCES
 - HAY BALES
 - SOIL TRAPPING PREVENTION DEVICES AT CONSTRUCTION ENTRANCES/EXITS
 - SOIL TRAPPING PREVENTION DEVICES AT CONSTRUCTION ENTRANCES/EXITS

- SILT FENCE LOCATIONS:
 - SILT FENCE SHALL BE USED ALONG THE LENGTH OF THE PROJECT WHERE THE EXISTING GROUND SLOPES ARE FROM THE RIGHT-OF-WAY OR WHERE THERE IS POTENTIAL FOR STORMWATER RUNOFF.
 - STORMWATER RUNOFF SHALL BE CONTROLLED BY SILT FENCE AROUND THE PERIMETER.
- HAY BALE LOCATIONS:
 - HAY BALES SHALL BE INSTALLED AT DITCH INLET LOCATIONS AND AS DITCH BLOCKS TO AVOID DOWNSTREAM EROSION. DITCH BLOCKS SHOULD BE LOCATED APPROXIMATELY EVERY 300 FEET.
 - GENERALLY HAY BALES SHALL BE INSTALLED FOR THE PURPOSE OF CONTROLLING SITUATION AT CURB AND CUTTER INLETS WHERE STAKES CANNOT BE DRIVEN.
- CONSTRUCTION ENTRANCES/EXITS:
 - SOIL TRAPPING PREVENTION DEVICES (STD INDEX NO. 100) SHALL BE REMOVED FOR BOTH ON-SITE AND OFF-SITE. IF IMMEDIATELY ADJACENT TO A PUBLIC ROADWAY, THE ENGINEER SHALL BE RESPONSIBLE FOR MODIFYING THE SYSTEM OR PROCEDURES AS NEEDED.
 - TURBIDITY BARRIER LOCATION:
 - STATED TURBIDITY BARRIER SHALL BE USED AT AREAS WHERE PERMANENT WATER BODIES ARE LESS THAN 3 FEET DEEP.
 - ALL EROSION CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS.
 - ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND SHALL BE REMOVED UPON THE COMPLETION OF THE PROJECT AND FINAL STABILIZATION OF SOILS HAS BEEN ACHIEVED.
- OTHER CONTROLS:
 - WASTE DISPOSAL:
 - THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES.
 - ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
 - NO SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS, SHALL BE DISPOSED IN ANY MANNER OTHER THAN AS SPECIFIED BY THE MANUFACTURER.
 - ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS.
 - OFF-SITE VEHICLE TRACKING - WILL BE CONTROLLED BY THE FOLLOWING METHODS:
 - LOADED HAIL TRUCKS ARE TO BE COVERED BY A TARPULIN AT ALL TIMES.
 - EXCESS DIRT ON ROAD WILL BE REMOVED DAILY.
 - STATE AND LOCAL REGULATIONS: PERMITS WILL BE OBTAINED FROM THE FOLLOWING AGENCIES:
 - U.S. ARMY CORPS OF ENGINEERS (USACE)
 - USFWS (WETLANDS)
 - APPLICATION OF FERTILIZERS AND PESTICIDES:
 - FERTILIZERS AND PESTICIDES WILL BE USED ON THIS PROJECT IN ACCORDANCE WITH "TROPICAL STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", SECTIONS 570, 572, OR 577, AT THE DISCRETION OF THE CONTRACTOR WITH THE COORDINATION OF THE ENGINEER.

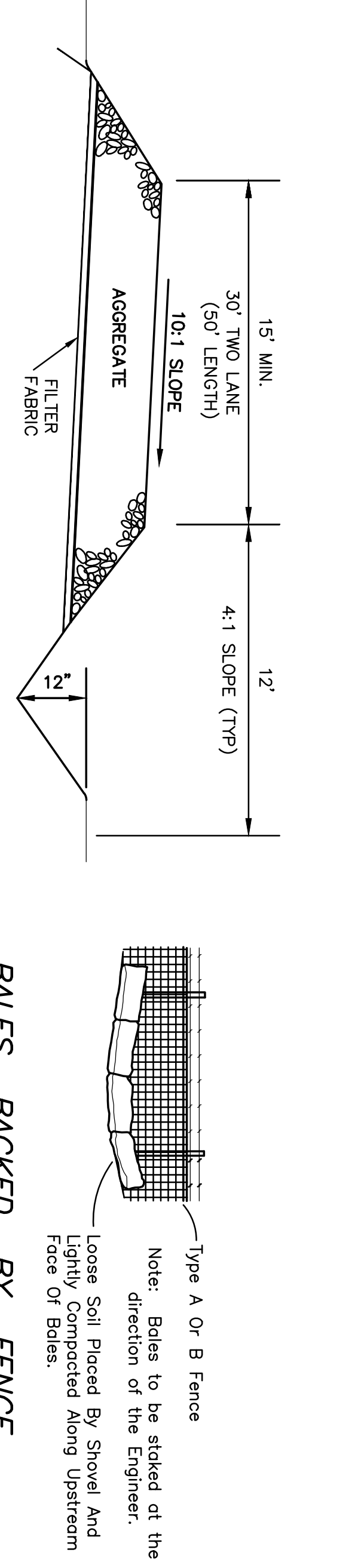
- NON-STORMWATER (INCLUDING SPILL REPORTING):
 - THE CONTRACTOR WILL PROVIDE THE FOOT WITH AN EROSION CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT REPORTING, AND RESPONSE. THE PLAN SHALL SPECIFY WHAT MANAGEMENT PRACTICES AND PROCEDURES WILL BE USED TO PREVENT SPILLS FROM OCCURRING. IF A SPILL DOES OCCUR, OR IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT DISTRICT CONTAMINATION IMPACT COORDINATOR.
- MAINTENANCE:
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES, AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS WAIVED.
 - INSTALLATION, MAINTENANCE, REPAIR AND REMOVAL REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND SEDIMENTATION SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION CONTROL DEVICES.
 - THE FOLLOWING PRACTICES WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES:
 - ALL EROSION AND WATER POLLUTION ABATEMENT AND CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR.
 - CONTRACTOR'S PERSONNEL WHO ARE F.O.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS, SHALL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF NOTICE.
 - STRUCTURAL PRACTICES - BUILD-UP SEDIMENT WILL BE REMOVED FROM SILT FENCE AND STAKED TURBIDITY BARRIERS WHEN IT HAS REACHED ONE HALF OF THE HEIGHT OF THE FENCE. SEDIMENT WILL BE REMOVED FROM THE DIAPHRAGM WHEN IT HAS REACHED ONE HALF OF THE HEIGHT OF THE DIAPHRAGM. EVERY THREE (3) MONTHS OR WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPURE STORMWATER FLOW OR DRAINAGE. SILT FENCES SHALL BE REPLACED EVERY TWELVE (12) MONTHS OR WHEN THEY HAVE SERVED THEIR USEFULNESS. SILT FENCES SHALL BE MAINTAINED TO PREVENT CLOSING OF ROAD BEDDING WHICH MAY IMPEDER THE USEFULNESS OF THE STRUCTURE.
- INSPECTION:
 - THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD THE AMOUNT OF RAINFALL DAILY. ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR.
 - ALL EROSION AND WATER POLLUTION ABATEMENT AND CONTROL MEASURES WILL BE INSPECTED DAILY BY CONTRACTOR'S PERSONNEL WHO ARE F.O.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS.
 - THE CONTRACTOR SHALL COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE WORKS PERMIT.
- TRACKING AND REPORTING:
 - THE CONTRACTOR SHALL SUBMIT A WEEKLY REPORT TO THE CITY DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.
 - PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION CONTROL DEVICES.
 - THE CONTRACTOR SHALL USE THE CONSTRUCTION INSPECTION REPORT (NO. 650-040-03), DATED 2/01, FOR DAILY INSPECTIONS.



BARRIERS FOR FILL SLOPES



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

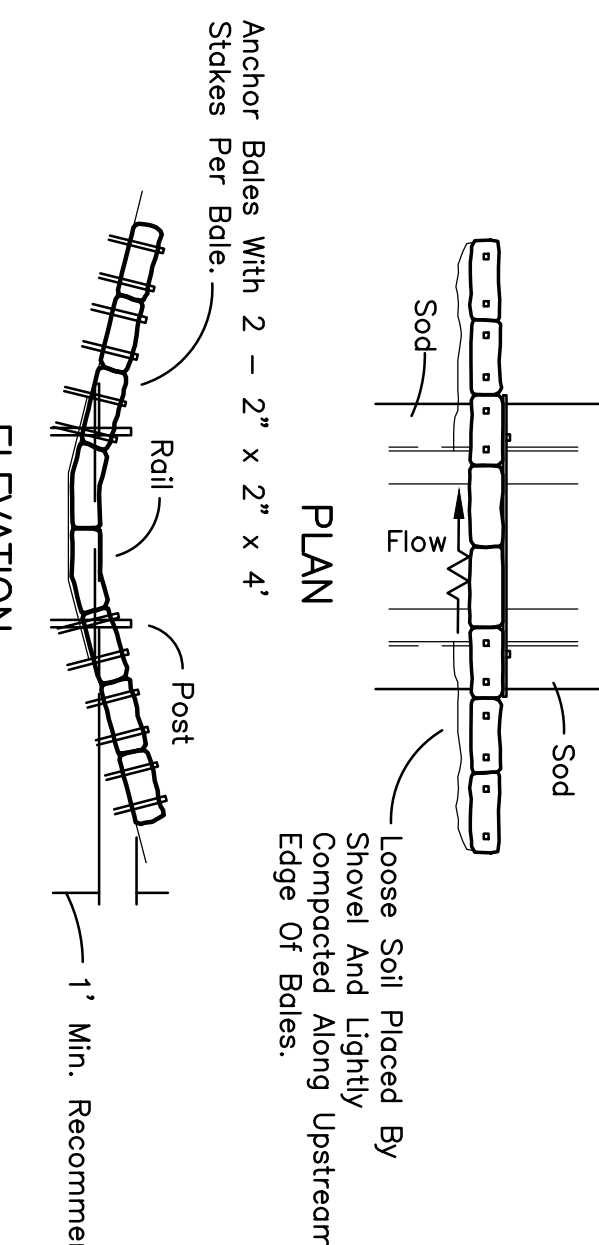


BALES BACKED BY FENCE



Spacing: Bale barriers for paved ditches should be spaced in accordance with Chart I, Sheet 1 of 3, Index No. 102

BARRIER FOR PAVED DITCH



TYPE III SILT FENCE

Note: Silt Fence to be paid for under the contract unit price for Staked Silt Fence (LF).

DESIGNED BY	IK	11/16
DRAWN BY	IK	11/16
CHECKED BY	JWR	11/16
APPROVED BY	JWR	11/16
NAME		DATE

NO.	1	DATE	2/3/17
BY	IK		

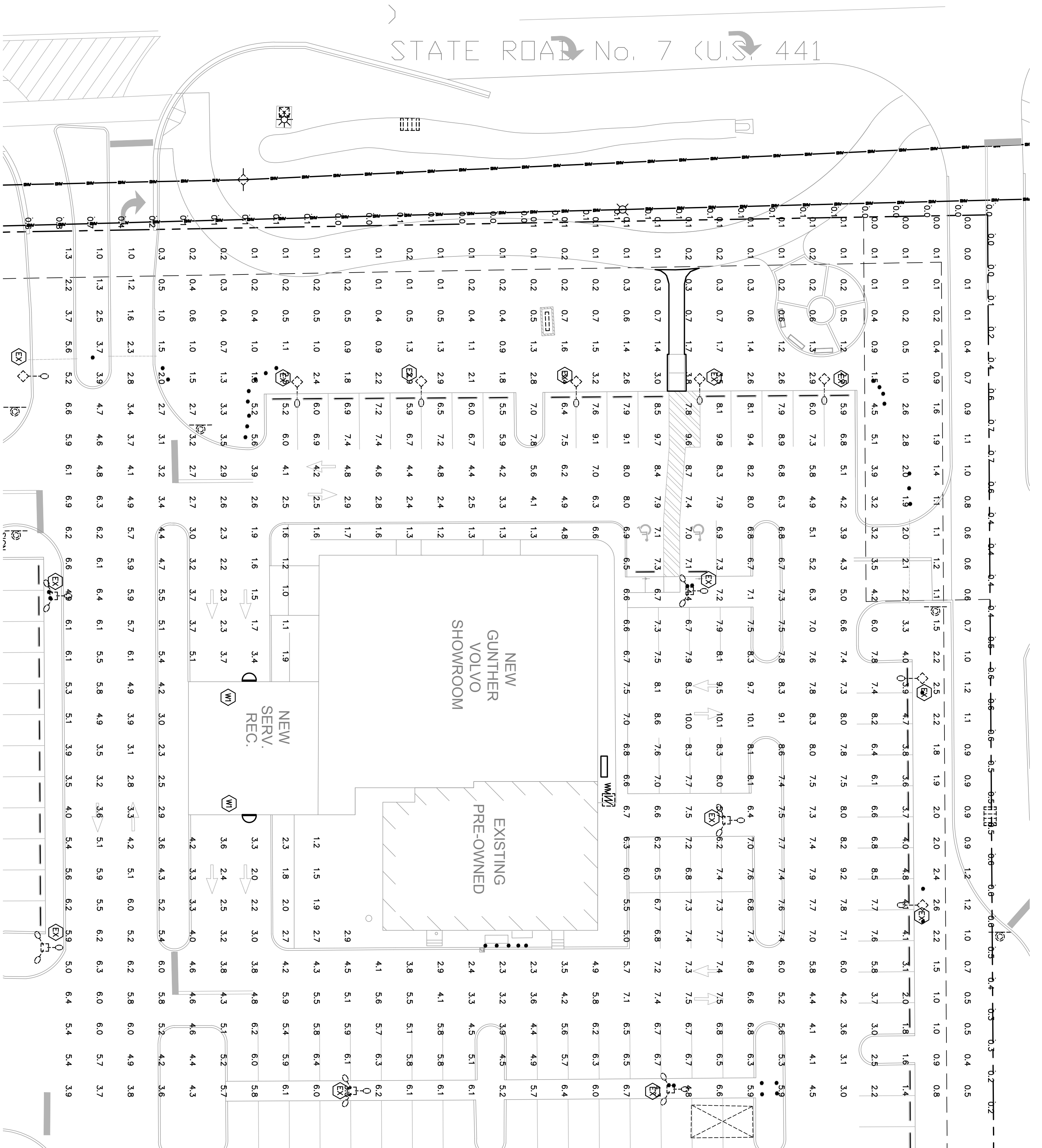
JOSEPH ROLES AND ASSOC., INC.
CONSULTING ENGINEERS
7501 N.W. 4th STREET, SUITE 101
PLANTATION, FLORIDA 33317
PHONE (954) 681-1946
CERTIFICATE OF AUTHORIZATION NO. 3946

GUNTHER VOLVO DEALERSHIP
CITY OF COCONUT CREEK, FLORIDA

POLLUTION PREVENTION NOTES & DETAILS

DATE:	11/16
SCALE:	AS SHOWN
PROJECT NO.	112-511-04
SHEET NO.	C-10 OF 10

JOSEPH W. ROLES, P.E.
REG. ENGINEER NO. 19853



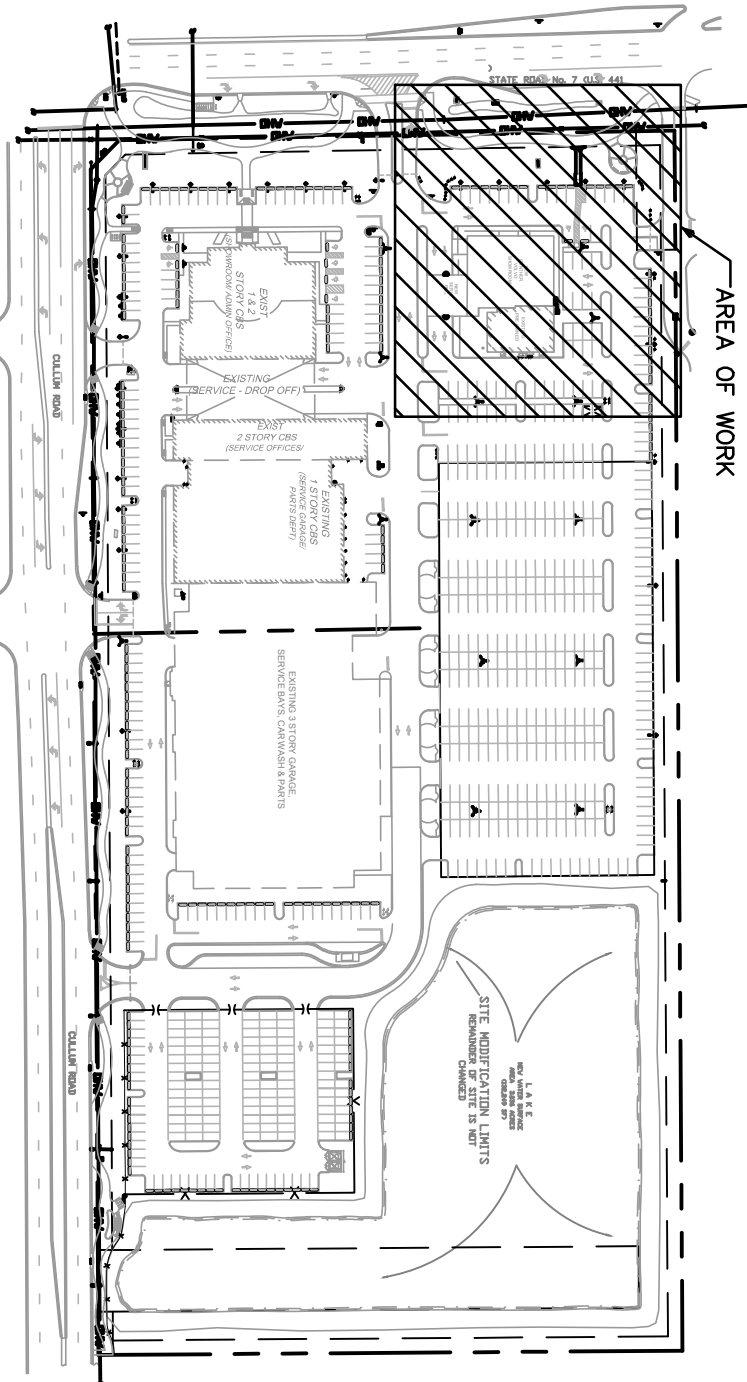
SITE PHOTOMETRIC PLAN
1"=20'-0"

Luminaire Schedule	Symbol	Label	[MANUFACT]	Description	Qty	Arrangement	Total Lamp Lumens	LF	Lum. Watts
EX		LSI INDUSTRIES		EXISTING LUMINAIRES ON EXISTING 24' POLES	9	SINGLE	44000	0.720	432
WI		LSI INDUSTRIES, INC		XGBWMA-W-LED-28-350-NM-UE MOUNTING HT = 15'-0"	2	SINGLE	2792	0.840	34

Calculation Summary		Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
Label	SITE Number	ILLUMINANCE	FC	3.48	10.1	1.0	2.48	10.10

Calculation Summary		Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
Label	PROPERTY LINE 1	COEFFICIENT OF UNIFORMITY	CU	0.15	0.8	N/A	N/A	N/A
Label	PROPERTY LINE 2	ILLUMINANCE	FC	0.15	0.8	0.0	N/A	N/A

GENERAL NOTE:
TWO TRIPLE HEAD LUMINAIRES WITH A TOTAL OF 24,000 LUMENS AND TWO SINGLE HEAD FULL CUTOFF LED LUMINAIRES WITH A TOTAL OF 5594 LUMENS ARE BEING ADDED.



KEY PLAN
1"=200'-0"

ISSUED FOR PERMIT
ISSUED FOR CONSTRUCTION
11/21/16

PROJECT MANAGER: MIRKEA WELLS
201616840

ADP WEST NORTHERN CENTER DRIVE
COCONUT CREEK, FLORIDA 33073
Phone: 561-940-2200 Fax: 561-940-2201
C/O: 561-940-2200
2-23-17

PROJECT NO.
DRAWN BY:
B.M.
CHECKED BY:
J.P.
DATE:
10/31/2016

PH1.1

SITE PHOTOMETRIC PLAN

PROPOSED SHOWROOM AND SERVICE-DRIVE UP ADDITION
GUNTER VOLVO - COCONUT CREEK
4300 NORTH STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

STILES ARCHITECTURAL GROUP
301 East Las Olas Blvd
Fort Lauderdale, Florida.
954 - 627 - 9180 33301
FL. REG # AA-26001798

CONSULTANT

REVISIONS:

SEAL

LED GREENBRIAR® WALL SCENE (XGBW3)
US PATENT 7,928,006; CANADA PATENT 2,729,757 AND US PATENT 7,928,007 AND US PATENT 7,928,008 AND US PATENT 7,928,009 AND US PATENT 7,928,010

SMARTER ENERGY SAVING FEATURES:
THERMAL CONTROL - LSI driver features integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.
OPTIMAL INTERNAL MOTION SENSOR - Presets internal motion sensor activates switching of luminaire ballasts to 1/2 rated ballast current, reducing energy consumption and is activated when target scene is absent or motion activity for 5 minutes and is gradually ramped down (10 seconds) to low ballast current selection range (110° horizontal x 35° vertical x 10 meters maximum distance).
EXERCISED LIFE - Minimum 50,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.
LESS - Available with 28 or 48 select high-brightness LEDs in Cool White (5000K) or Neutral White (4000K) color temperatures, 70 CRI.
OPTIC DISTRIBUTION - Ultra-high efficiency reflectors provide precise distributions. Choose from three throw (HT) Forward Throw (FT) or Wall Mount (WM).
HOUSING - The aerodynamic aluminum housing is a reducing glare, all mounting hardware is stainless steel, and the housing is powder coated for corrosion resistance. The housing creates an IP67 rated unit. Pressure-equalizing weather-shield allows superior protection while preventing cycling from building up internal pressures and assumes that can stress optical unit seals.
WALL MOUNTING - Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box. EFM gasket is required to be installed between plate and junction box. EFM gasket is required to be installed between plate and junction box. EFM gasket is required to be installed between plate and junction box. EFM gasket is required to be installed between plate and junction box.
POLE MOUNTING - XPM (for square) or XPMR (for round) allows mounting to poles in single and D180 configurations. Uses with 3" reduced drilling pattern.
ELECTRICAL - Two-stage surge protection including separate surge protection built into electronic driver meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz) input or 347-480VAC.
DRIVER - Available in 350mA and 450mA drive currents. Drive currents are factory programmed. Components are fully tested in potting material for moisture resistance. Driver samples with LEDs are FCC standard. Driver can be easily accessed and removed.
EMERGENCY OPTIONS - Integral emergency battery-back-up options are available. 88 option allows luminaire to operate for 90 minutes. When primary AC power failure occurs, ballast operates 10 LEDs for minimum of 90 minutes.
OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F).
FINISH - Fixtures are finished with SPS Duragrip® polymer powder coat finishing process. The Duragrip finish withstands extreme weather changes without cracking or peeling.
DECAL STRIPING - Optional color-coordinated decals in 9 standard colors to accent the fixture. Decals are guaranteed for five years against peeling, cracking, or fading.
WARRANTY - LSI LED fixtures carry a limited 5-year warranty.
PHOTOMETRICS - Please visit our web site at www.lsiindustries.com for detailed photometric data.

SHIPPING WEIGHT (in cartons) - 31 lbs./14kg

LISTING - ETL listed to ANSI/UL 1588, UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position. For a list of the specific products in this series that are ILC listed, please consult the LED Lighting section of our website or the Design Lights website at www.designlights.org.

Light Output - XGBW3

Minimum	4 x LED	Typical	Typical	Typical	Typical	Typical	Typical	Typical	Typical
Watts	28	2815	2892	3008	3048	3114	3177	3240	3302
Watts	48	4835	4951	5068	5184	5299	5415	5530	5645
Watts	48	5000	5072	5145	5217	5290	5362	5434	5506
Watts	28	2787	2792	2898	2914	3020	3036	3142	3158
Watts	48	4531	4669	4807	4945	5083	5221	5359	5497
Watts	48	3177	3268	3359	3450	3541	3632	3723	3814
Watts	48	3463	3562	3662	3762	3862	3962	4062	4162

LSI Optics is a registered trademark of LSI Industries, Inc.

The product or standard version of this product must meet the minimum requirements for the product. The product must be installed in accordance with the Lighting Facts Program. The product must be installed in accordance with the Lighting Facts Program. The product must be installed in accordance with the Lighting Facts Program.

Project Name: _____
Drawing #: _____
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