

# DEVELOPER:

# OWNER=

# CIVIL ENGINEER

# SURVEYOR

# STRAYER

**742 SHAMROCK BLVD.**

**VENICE, FL. 34293 (941) 497-1290**

# LANDSCAPE ARCHITECT

**HAZELTINE NURSERIES, INC.**

**P.O. BOX 236**

**VENICE, FL. 34292 (941) 485-1272**

# INDEX

- | NO. | DATE | BY |                      |
|-----|------|----|----------------------|
|     |      |    | <div>REVISIONS</div> |

A PORTION OF TRACT 3, OF THE UNRECORDED PLAT OF KENT ACRES, BEING A PART OF PARTICULARLY DESCRIBED AS FOLLOWS:

PARTICULARLY DESCRIBED AS FOLLOWS

THE WEST304 FEET OF THE EAST 945 FEET OF THE NORTH  
726 FEET OF THAT PART OF SECTION 9, TOWNSHIP 39  
SOUTH, RANGE 19 EAST, SARASOTA COUNTY, FLORIDA, LYING  
SOUTH OF THE EXISTING R/W OF VENICE AVENUE EAST;  
SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS OVER  
THE SOUTH 15 FEET THEREOF, RESERVED IN THAT CERTAIN  
DEED RECORDED IN O.R. BOOK 499, PAGE 562, OF THE  
PUBLIC RECORDS OF SARASOTA COUNTY, FLORIDA.

## LEGAL DESCRIPTION :

PARCEL ID NO. = 0412080003  
PROPERTY ADDRESS = 1775 EAST VENICE AVE., VENICE FL. 34292

## SITE AREA:

CLUBHOUSE AND POOL/DECK SITE AREA (TRACT E) = 3,227.01 S.F.  
PERCENT AND ACREAGE OF IMPERVIOUS/PERVIOUS AREA:

PERVIDUS =	0	S.F.±	0	%
IMPERVIDUS =	2,835.01	S.F.±	87.85	%
POOL	392	S.F.±	12.15	%
TOTAL =	3,227.01	S.F.±	100	%

LINEAR FEET OF POTABLE WATER SERVICE	=	43 FT
LINEAR FEET OF POTABLE WATER MAIN	=	0 FT
LINEAR FEET OF SANITARY SEWER LATERAL	=	36 FT
LINEAR FEET OF GRAVITY MAIN	=	0 FT
LINEAR FEET OF FORCE MAIN	=	0 FT
NUMBER OF MANHOLES	=	0 UNITS

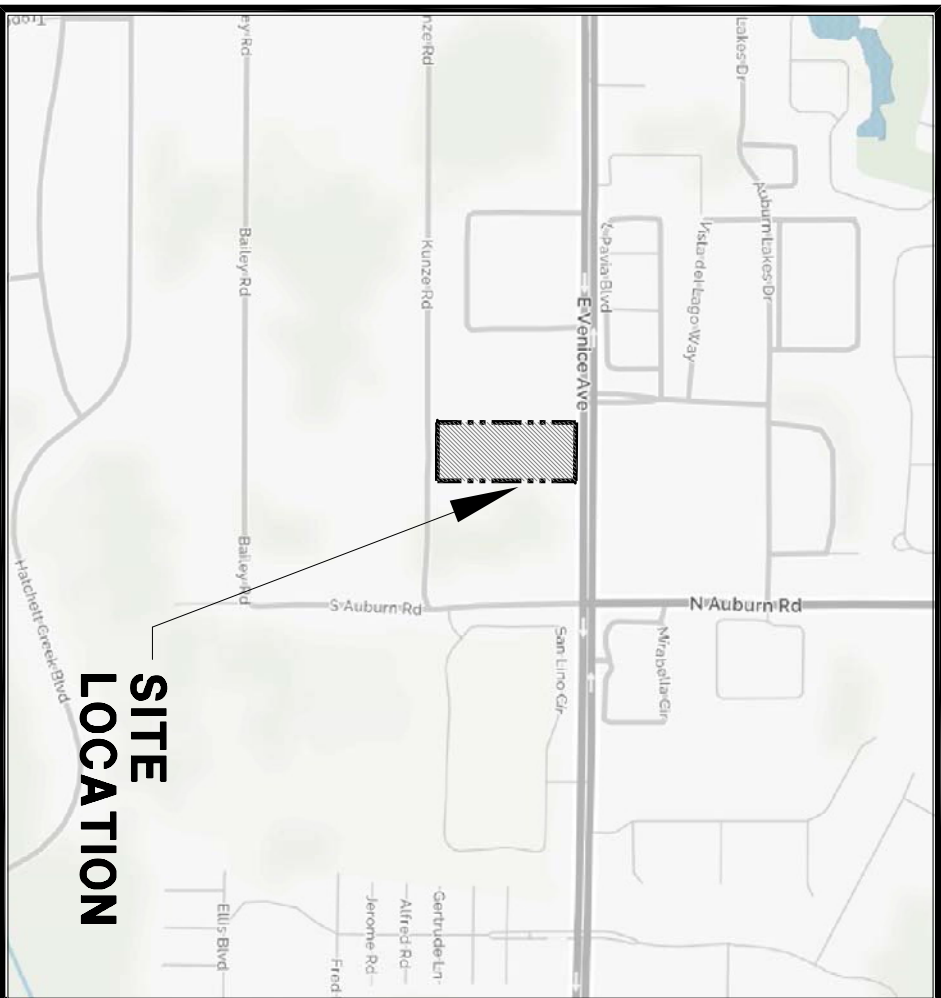
CITY OF VENICE TO PROVIDE WATER, SEWER AND SOLID WASTE SERVICES TO THE PROJECT.

NOTES:

1. THE REMOVAL PERMIT MUST BE OBTAINED FROM THE CITY OF VENICE.
2. VISUAL IMPACT STATEMENT AND VOLUMETRIC AND EXCEED PRE-DEVELOPMENT RUNOFF ANALYSIS.
3. ALL FIRE SERVICE BACKFLOW ASSEMBLIES SHALL BE INSTALLED BY A CERTIFIED CONTRACTOR WITH A CLASS I, II OR IV PERMITS OF COMPETENCY ISSUED BY THE STATE FIRE MARSHALL AS PER F.S. 63382.
4. ALL DRAINAGE IMPROVEMENTS SHALL BE CONSTRUCTED TO MEET THE LATEST VERSION OF THE CITY OF VENICE STANDARD DETAILS.
5. ELEVATIONS ARE BASED ON N.A.V.D. 1988.

## LOCATION MAP

**SECTION 9 TOWNSHIP 39S RANGE 19E**



## CITY OF VENICE NOTES

1. ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, SHALL MEET CITY OF VENICE STANDARDS
2. CONTACT PUBLIC WORKS SOLID WASTE DIVISION (941-486-2422) FOR APPROVAL OF DUMPSTER LOCATION AND LAYOUT PRIOR TO CONSTRUCTION.

## UTILITIES

TECO PEOPLES GAS  
702 NORTH FRANKLIN STREET  
P.O. BOX 2562  
TAMPA, FL.  
33601-2562

FLORIDAPOWER & LIGHT  
CONSTRUCTION SERVICES  
5657 SOUTH MCINTOSH ROAD  
SARASOTA, FL 34230

VERIZON ENGINEERING  
1701 RINGLING BOULEVARD  
SARASOTA, FL 34230

COMCAST CABLEVISION OF WEST FLORIDA, INC.  
5205 FRUITVILLE ROAD  
SARASOTA, FL 34232

THIS ITLA HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY PAUL V. SHERMAN, BEING THE PERSON AUTHORIZED TO SIGN AND SEAL THIS DOCUMENT. THE SIGNATURE AND THE COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES. 3-22-22.

APPROVED

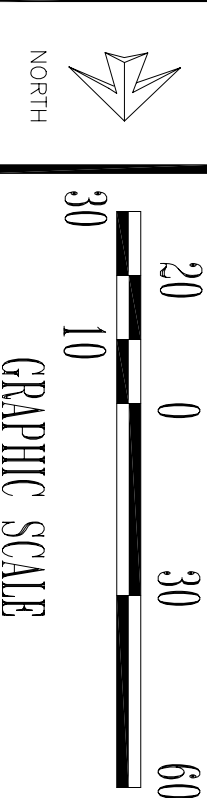
PAUL V. SHERMA, REG. NO. 35628










[illegible]

WATER MAIN	W
FIRE MAIN	FM
SEWAGE MAIN	SM
TELEPHONE DUCT/PIPE	TD
FIRE HYDRANT	FD
WATER VALVE (W & V)	WV
FIRE DEPARTMENT CONNECTION	FD
DOUBLE CHECK VALVE	DCV
SEWER CHECK VALVE	SCV
SEWER SEWER FORCEMAIN	SSF
CLEAN OUT	CO
STORM DRAIN	SD
GATE INLET	GI
JUNCTION BOX	JB
OUTLET STRUCTURE	OS
METERED END SECTION (M.E.S.)	MES
TOP OF BULK	TOB
EXHAUST OR SIBK	ES
TRAFFIC FLOW ARROW	TF
HANDICAP PARKING SPACE	HP
H.P. OR CHARGE IN GRADE	HCIG
ELEVATION	E
OTE	OTE
U.S. ELECTRICAL LINE	UL
DETACHED GARAGE	DG

CONTRACTOR TO CALL "SUNSHINE 811" AT 811 OR 1-800-432-4776  
48 hrs. PRIOR TO ANY CLEARING OR CONSTRUCTION  
FOR EXISTING UTILITY LOCATIONS.



### TREE LEGEND

- |   |   |                              |
|---|---|------------------------------|
|  | = | ORNAMENTAL TREE (SIZE NOTED) |
|  | = | PINE TREE (SIZE NOTED)       |
|  | = | OAK TREE (SIZE NOTED)        |
|  | = | PALM TREE (SIZE NOTED)       |
|  | = | CYPRESS TREE (SIZE NOTED)    |
|  | = | TO BE REMOVED                |
|  | = | TO BE BARBED                 |

## MASTER SITE DATA

PROPOSED USE = 36 UNITS  
SINGLE FAMILY ATTACHE  
ZONING = RMF-2 / VENETIAN GA  
DISTRICT OVERLAY

SITE ADDRESS	= 1775 EAST VENICE
OPEN SPACE	= 2.09 AC. ± = 41.3%

DRY POND AREA (ON-SITE) = 0.42 AC  
WET POND AREA (ON-SITE) = 1.02 AC

CITY OF VENICE REQUIRED RMF-2 SETBACK

REAR	10
SIDE	6' MIN
SIDE	4' MIN

CITY OF VENICE OTHER STRUCTURE  
REQUIRED SETBACKS : \_\_\_\_\_

SIDE	=	8'
SIDE (COMBINED)	=	16'

FRONT = SEE TABLE - SHEET

CITY OF VENICE REQUIRED LOT COVERAGE

ALLOWABLE LOT COVERAGE = 35%

PROPOSED LOT COVERAGE:

PROPOSED DENSITY:

REQUIRED PARKING SPACES

PROPOSED PARKING SPACES	STANDARD 20' SPACES	0
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HANDICAP SPACES	= 3
GARAGE SPACES	= 36
	<hr/>

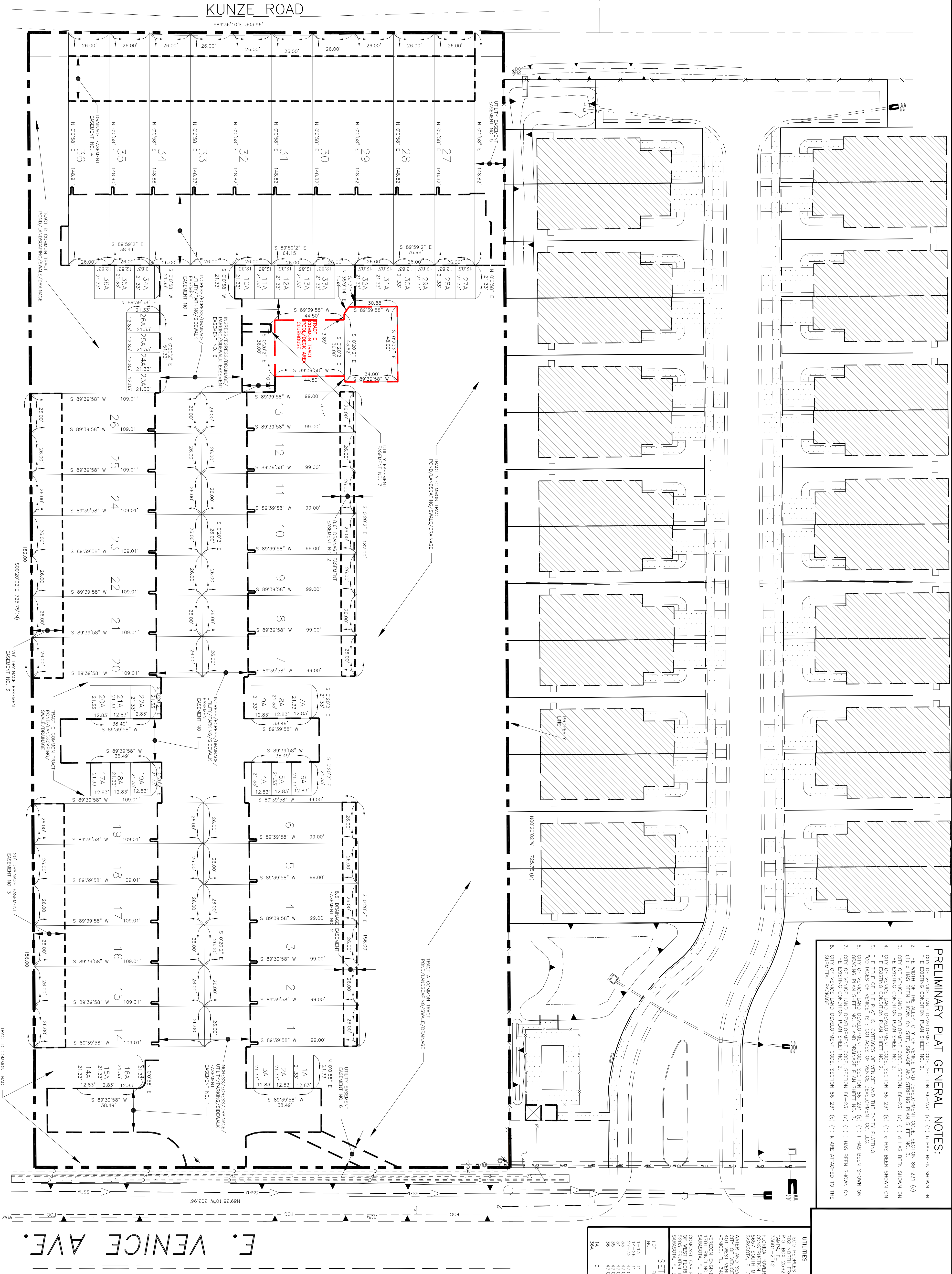
## TECHNICAL

### FENCE LEGEND

- CHAIN LINK FENCE
- PVC FENCE
- ALUMINUM FENCE

BY: PWS	CHECKED BY: PWS	SHEET
SAC	DATE: 3-22-22	NUM





- PRELIMINARY PLAT GENERAL NOTES:**
1. CITY OF VINCE AND DEVELOPMENT CODE, SECTION 86-231 (c) 1) b HAS BEEN SHOWN ON THE EXISTING CONDITION PLAIN SHEET NO. 2.
  2. THE WIDTH OF THE ALLEY, CITY OF VINCE LAND DEVELOPMENT CODE, SECTION 86-231 (c) 1) c HAS BEEN SHOWN ON SITE, SIGNAGE AND STRIPING PLAIN SHEET NO. 3.
  3. THE EXISTING CONDITION PLAIN SHEET NO. 4.
  4. CITY OF VINCE LAND DEVELOPMENT CODE, SECTION 86-231 (c) 1) d HAS BEEN SHOWN ON THE EXISTING CONDITION PLAIN SHEET NO. 2.
  5. THE TITLE OF THE PLAT IS "CONTOUR OF VINCENNE DEVELOPMENT CO. LLC TO AMEND THE SUBDIVISION MAP FOR THE CONTOUR OF VINCENNE DEVELOPMENT CO. LLC."
  6. CITY OF VINCE AND DEVELOPMENT CODE, SECTION 86-231 (c) 1) f HAS BEEN SHOWN ON GRADING PLAIN SHEET NO. 6 AND DRAINAGE PLAIN SHEET NO. 7.
  7. CITY OF VINCE LAND DEVELOPMENT CODE, SECTION 86-231 (c) 1) i) HAS BEEN SHOWN ON THE EXISTING CONDITION PLAIN SHEET NO. 2.
  8. CITY OF VINCE LAND DEVELOPMENT CODE, SECTION 86-231 (c) 1) k ARE ATTACHED TO THIS SUBMITTAL PACKAGE.

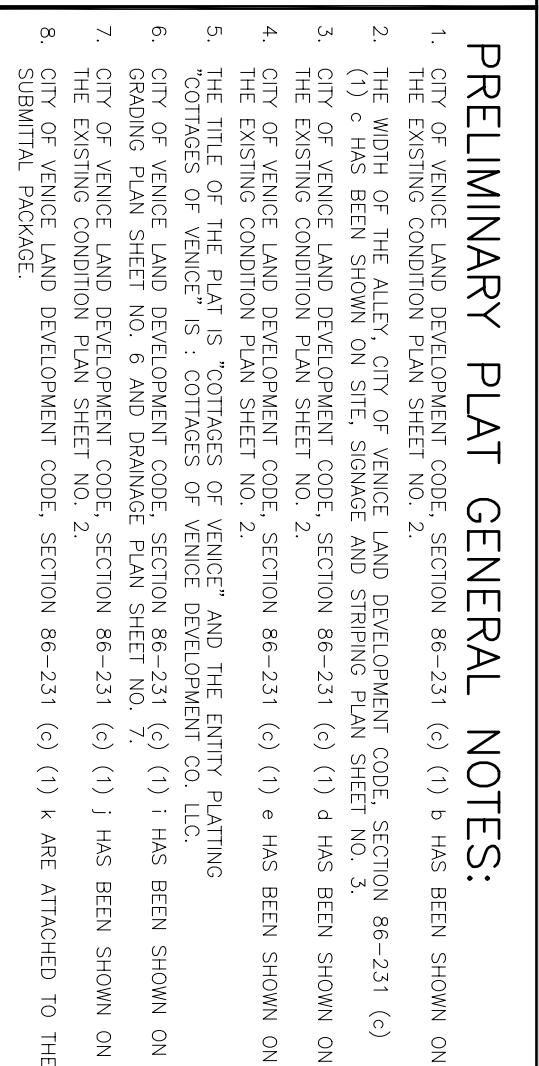
[illegible]

LOT NO	LOT AREA	MOIST PWD	STEMW/L	OTHER PERIODS	BLD LOT COVERAGE
1	52,574	5	228,000	599,000	42,574
2	52,574	5	228,000	599,000	42,574
3	52,574	5	228,000	599,000	42,574
4	52,574	5	228,000	599,000	42,574
5	52,574	5	228,000	599,000	42,574
6	52,574	5	228,000	599,000	42,574
7	52,574	5	228,000	599,000	42,574
8	52,574	5	228,000	599,000	42,574
9	52,574	5	228,000	599,000	42,574
10	52,574	5	228,000	599,000	42,574
11	52,574	5	228,000	599,000	42,574
12	52,574	5	228,000	599,000	42,574
13	52,574	5	228,000	599,000	42,574
14	52,574	5	228,000	599,000	42,574
15	52,574	5	228,000	599,000	42,574
16	52,574	5	228,000	599,000	42,574
17	52,574	5	228,000	599,000	42,574
18	52,574	5	228,000	599,000	42,574
19	52,574	5	228,000	599,000	42,574
20	52,574	5	228,000	599,000	42,574
21	52,574	5	228,000	599,000	42,574
22	52,574	5	228,000	599,000	42,574
23	52,574	5	228,000	599,000	42,574
24	52,574	5	228,000	599,000	42,574
25	52,574	5	228,000	599,000	42,574
26	52,574	5	228,000	599,000	42,574
27	52,574	5	228,000	599,000	42,574
28	52,574	5	228,000	599,000	42,574
29	52,574	5	228,000	599,000	42,574
30	52,574	5	228,000	599,000	42,574
31	52,574	5	228,000	599,000	42,574
32	52,574	5	228,000	599,000	42,574
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34	52,574	5	228,000	599,000	42,574
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37	52,574	5	228,000	599,000	42,574
38	52,574	5	228,000	599,000	42,574
39	52,574	5	228,000	599,000	42,574
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41	52,574	5	228,000	599,000	42,574
42	52,574	5	228,000	599,000	42,574
43	52,574	5	228,000	599,000	42,574
44	52,574	5	228,000	599,000	42,574
45	52,574	5	228,000	599,000	42,574
46	52,574	5	228,000	599,000	42,574
47	52,574	5	228,000	599,000	42,574
48	52,574	5	228,000	599,000	42,574
49	52,574	5	228,000	599,000	42,574
50	52,574	5	228,000	599,000	42,574
51	52,574	5	228,000	599,000	42,574
52	52,574	5	228,000	599,000	42,574
53	52,574	5	228,000	599,000	42,574
54	52,574	5	228,000	599,000	42,574
55	52,574	5	228,000	599,000	42,574
56	52,574	5	228,000	599,000	42,574
57	52,574	5	228,000	599,000	42,574
58	52,574	5	228,000	599,000	42,574
59	52,574	5	228,000	599,000	42,574
60	52,574	5	228,000	599,000	42,574
61	52,574	5	228,000	599,000	42,574
62	52,574	5	228,000	599,000	42,574
63	52,574	5	228,000	599,000	42,574

TRACT IMPERVIOUS/PERVIOUS AREA TABLE					
TRACT	AREA	BUILDING	SEWERM/ POOL/DECK	OTHER IMPERVIOUS	PERVIOUS
1	8,010.15 S.F.	N/A	0.00 S.F.	0.00 S.F.	8,010.15 S.F.
2	5,002.98 S.F.	N/A	0.00 S.F.	0.00 S.F.	5,002.98 S.F.
3	4,230.66 S.F.	1,602.00 S.F.	0.00 S.F.	0.00 S.F.	4,230.66 S.F.
4	3,222.01 S.F.	1,602.00 S.F.	1,233.01 S.F.	0.00 S.F.	N/A

[illegible][illegible]





CONTRACTOR TO CALL "SUNSHINE 811" AT 811 OR 1-800-432-4770, 48 hrs. PRIOR TO ANY CLEARING OR CONSTRUCTION FOR EXISTING UTILITY LOCATIONS.

TRACT IMPERVIOUS/PERVIOUS AREA TABLEEASEMENT AREA TABL

ENGINEER OF RECORD:  
PROFESSIONAL ENGINEERING RESOURCES, INC.

SURVEYOR OF RECORD:  
STRAYER

**DRAWING TYPE**  
DESIGNED BY: PVS  
DRAWN BY: SAG  
CHECKED BY:  
DATE: 3-2-82

☒ PRELIMINARY  
☐ CONSTRUCTION  
☐ RECORD

APPROVED

PAUL V. SHERMA, REG. NO. 35628

PROJECT NUMBER	NO.	DATE	BY	REVISIONS
18-2382				
SCALE				
1"=30'				

**PROFESSIONAL ENGINEERING RESOURCES**  
10225 ULMERSON ROAD, SUITE 40 LARCO, FL.  
VA ENGINEERS, PLANNERS, PRACIT EXPERTS  
(727) 441-1111  
CERTIFICATE OF AUTHORIZATION NUMBER: 4401

**DRAWING TYPE**  
DESIGNED BY: PVS  
DRAWN BY: SAG  
CHECKED BY:  
DATE: 3-2-82

☒ PRELIMINARY  
☐ CONSTRUCTION  
☐ RECORD

APPROVED

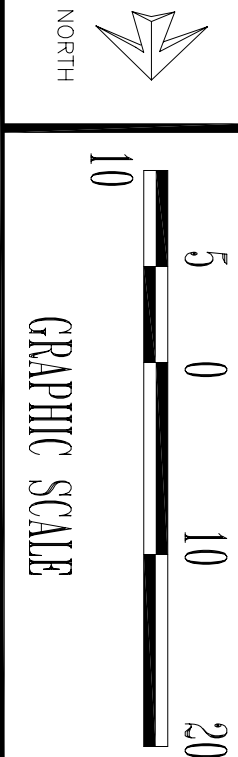
PAUL V. SHERMA, REG. NO. 35628



LEGEND

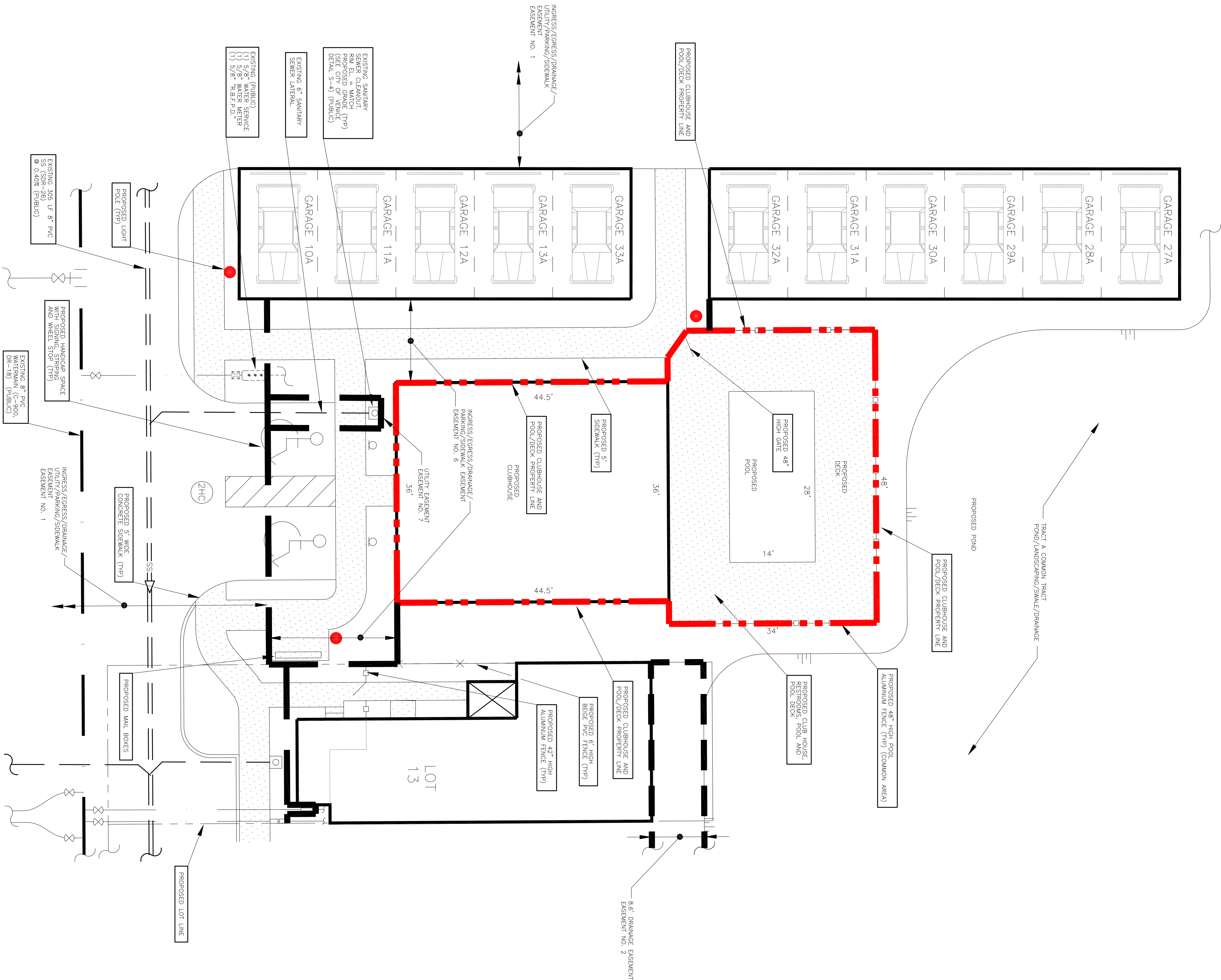
PROPOSED	EXISTING

CONTRACTOR TO CALL "SONSHINE 811" AT 811 OR 1-800-432-4770.  
48 hrs. PRIOR TO ANY CLEARING OR CONSTRUCTION.  
FOR EXISTING UTILITY LOCATIONS.



CLUBHOUSE AND  
POOL/DECK  
SITE DATA

PROPOSED USE = CLUBHOUSE AND POOL/DECK  
ZONING = RUF-2 / VENETIAN GATEWAY DISTRICT OVERLAY  
PARCEL ID NUMBER = 0412080003  
SITE ADDRESS = 1775 EAST VENICE AVE  
TRACT E AREA = 3,227.01 S.F.  
BUILDING AREA = 1,602.00 S.F.  
SIDEWALK/POOL DECK = 1,233.01 S.F.  
THE SIDEWALK/POOL/DECK AREA OF 1,233.01 S.F. DOES NOT INCLUDE THE POOL AREA OF 392 S.F.



CLIENT:  
MPS DEVELOPMENT AND  
CONSTRUCTION, LLC  
333 S. TAMiami TRAIL, SUITE 205  
VENICE, FL. 34285

PROJECT NAME:  
SEC. 9 TP-39S RING 19E  
COTTAGES OF VENICE  
SITE AND DEVELOPMENT PLANS FOR CLUBHOUSE AND POOL/DECK (TRACT E)  
CLUBHOUSE AND POOL/DECK SITE PLAN

PROJECT NUMBER	NO.	DATE	BY	REVISIONS
18-2382				
SCALE				
1"=10'				
1	6-16-22		SAG	REVISED PLAN & SET OF COMMENTS

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PROFESSIONAL ENGINEERING RESOURCES, INC.  
10000 W. BAYVIEW AVENUE, SUITE 100  
DADE CITY, FL 34608  
TEL: (813) 297-1234 FAX: (813) 297-1234  
CERTIFICATE OF AUTHORIZATION NUMBER: 4401

DRAWING TYPE  
☒ PRELIMINARY  
☐ CONSTRUCTION  
☐ RECORD

DESIGNED BY: PVS	CHECKED BY: PVS	SHEET NUMBER
DRAWN BY: SAG	DATE: 3-22-22	
PAUL V. SHERMAN, REG. NO. 33628	APPROVED	5

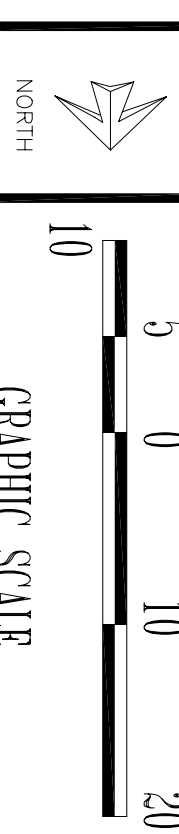
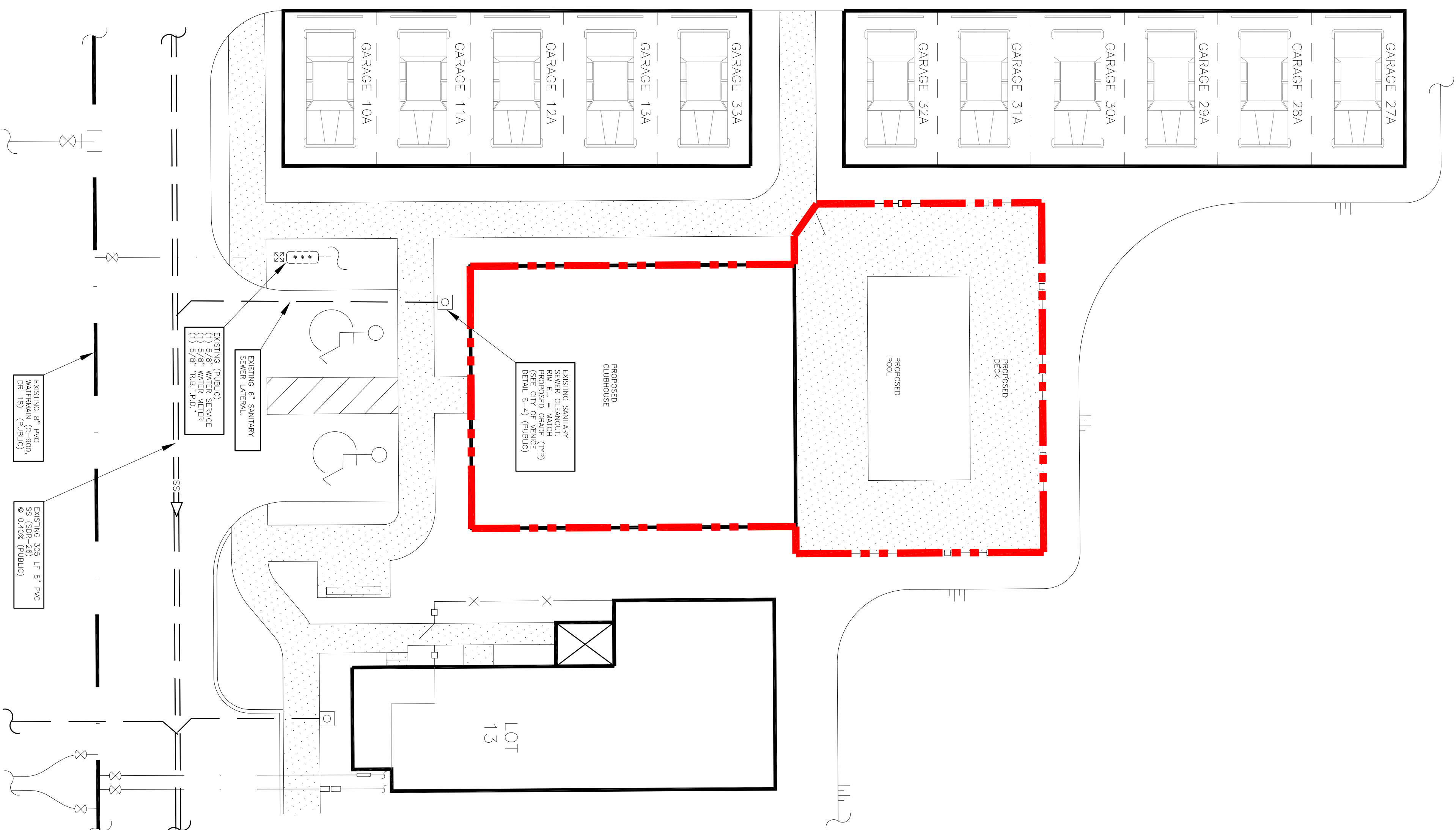


LEGEND

PROPOSED      EXISTING

	WATER MAIN
	FIRE MAIN
	REDUCER
	TEMPERATURE BLOWOFF
	GATE VALVE (V & B)
	FIRE DEPARTMENT CONNECTION
	AIR SUPPLY RISER
	SANITARY SEWER INLET
	SMOKING GAS VENT CONNECTION
	CLEAN OUT
	STEAM DRAIN
	GRATE INLET
	JUNCTION BOX
	INLET STRUCTURE
	WATERED OFF SECTION (M.E.S.)
	TOP OF BANK
	FOUNDATION
	TRAFFIC FLOW ARROW
	HANDICAP PARKING SPACE
	ELEVATION IN GRADE
	UNDERGROUND UTILITY
	U.S. ELECTRICAL UNIT
	DETECTABLE WARNING

CONTRACTOR TO CALL "SUNSHINE 811" AT 811 OR 1-800-432-4770  
48 hrs. PRIOR TO ANY CLEARING OR CONSTRUCTION  
FOR EXISTING UTILITY LOCATIONS.

[illegible]

CLIENT:					
PROJECT NAME:					
SEC. 9 TWP. 39S RING. 19E					
MPS DEVELOPMENT AND CONSTRUCTION, LLC 333 S. TAMAMI TRAIL, SUITE 205 VENICE, FL. 34885					
COTTAGES OF VENICE SITE AND DEVELOPMENT PLANS FOR CLUBHOUSE AND POOL/DECK (TRACT E) WATER AND SANITARY SEWER PLAN					
PROJECT NUMBER	NO.	DATE BY	REVISIONS		
18-2382					
SCALE					
1"=10'					
1	6-16-22	SAG	REVISED PLAN AS PER CITY COMMENTS		
<p>e2018 by Professional Engineering Resources, Inc. The information depicted herein are the sole property of Engineering Resources, Inc., and may not be reproduced in any form without the written permission of Engineering Resources, Inc.</p> <p>PROFESSIONAL ENGINEERING RESOURCES, INC. 14225 WILSON STREET, SUITE 100 VENICE, FL 33596 (727) 408-5807 CERTIFICATE OF AUTHORIZATION NUMBER: 4401</p>					
DRAWING TYPE	DESIGNED BY: PVS DRAWN BY: SAG	CHECKED BY: PVS DATE: 3-27-22	PAGE NO. SHEET NO. OF TOTAL PROFESSIONAL INCHES CODE NO. 35628		
<input checked="" type="checkbox"/> PRELIMINARY <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> RECORD	PAUL V. SHERMA REG. NO. 35628				
APPROVED	PAUL V. SHERMA REG. NO. 35628				
NOT TO SCALE SUBJECT TO THE CITY'S FINAL APPROVAL OF THE PROJECT. ALL DIMENSIONS SHALL BE BASED ON THE ELECTRONIC COPIES 3-27-22.			SHEET NUMBER		

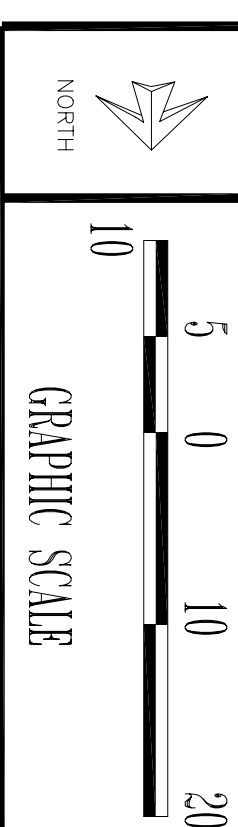


LEGEND

PROPOSED      EXISTING

WATER MAIN	WATER MAIN
— F —	— F —
— RW —	— RW —
REDUCER	REDUCER
RECYCLE WATER MAIN	RECYCLE WATER MAIN
— F —	— F —
— RW —	— RW —
GATE VALVE (C.V. & BOX)	GATE VALVE (C.V. & BOX)
POSSIBLE CLOG IN CONNECTION	POSSIBLE CLOG IN CONNECTION
WATER METER	WATER METER
SHUTTING GEAR, LINE	SHUTTING GEAR, LINE
SANITARY SERVICE VALVE	SANITARY SERVICE VALVE
CLEAN OUT	CLEAN OUT
STORM DRAIN	STORM DRAIN
— S —	— S —
EMERGENCY CONTROL	EMERGENCY CONTROL
WATERFLOO SECTION (M.E.S.)	WATERFLOO SECTION (M.E.S.)
TOP OF BULK	TOP OF BULK
— F —	— F —
— RW —	— RW —
BASED ON SEWERAGE	BASED ON SEWERAGE
HANDICAPED PARKING SPACE	HANDICAPED PARKING SPACE
H.P. OR CHANGE IN GRADE	H.P. OR CHANGE IN GRADE
UNDERGROUND	UNDERGROUND
CONDUIT	CONDUIT
DET. ELECTRICAL LINE	DET. ELECTRICAL LINE
CO. MAIN	CO. MAIN
DETECTABLE WARNING	DETECTABLE WARNING

CONTRACTOR TO CALL "SUNSHINE 811" AT 811 OR 1-800-432-4777  
48 hrs. PRIOR TO ANY CLEARING OR CONSTRUCTION  
FOR EXISTING UTILITY LOCATIONS.

[illegible]







- SECTION 09, TOWNSHIP 39S., RANGE 19E.
- 0 30 60
- SCALE 1" = 30'
- ASSUMED
- 
- 14
- 12
- 10
- 8
- 6
- 4
- 2
- 0
- 14
- 12
- 10
- 8
- 6
- 4
- 2
- 0

### TREE LEGEND

- TREE NOTE:

TREE SPECIES INDICATED HEREON WERE IDENTIFIED TO THE BEST OF THIS FIRM'S ABILITY. A PROFESSIONAL ARBORIST SHOULD BE CONSULTED FOR EXACT TREE SPECIES IDENTIFICATION AND CONDITION.

- 

## DESCRIPTION FURNISHED BY CLIENT

ELEVATION NOTE:  
ALL ELEVATIONS SHOWN HEREON  
BASED ON THE N.A.V.D. 1988 VERT  
DATUM UNLESS OTHERWISE SPEC.

- FLOOD ZONE DATA:

SEPTIC DRAIN FIELD NOTE:

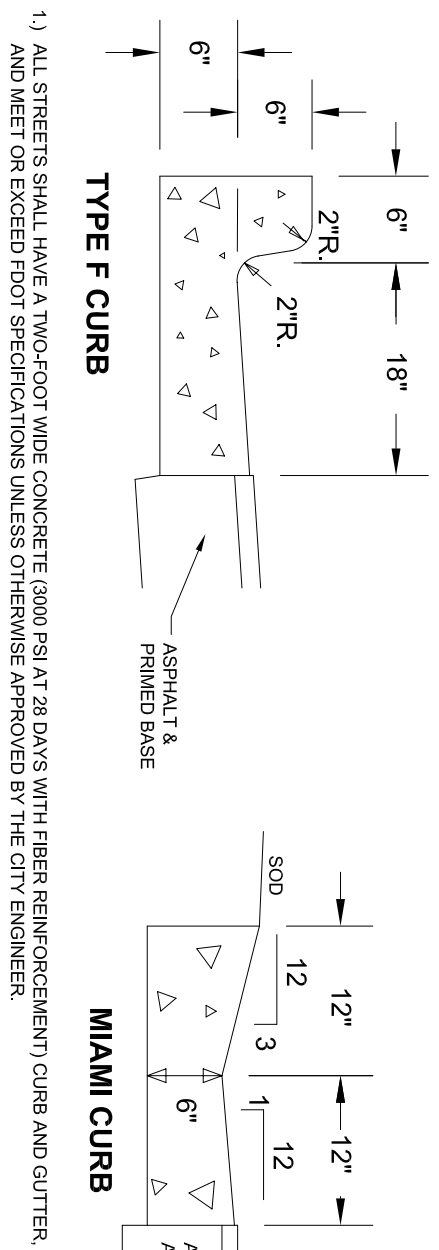
OF THE OPERATING PORTION OF THIS DRAIN FIELD IS BEYOND THE REALM OF EXPERTISE OF THIS SURVEYOR. WITHOUT THE BENEFIT OF UNCOVERING THE SEPTIC FIELD, IT IS IMPOSSIBLE TO DETERMINE THE PARAMETER OF THE PERMITTED FUNCTIONING PORTION OF THE DRAIN FIELD(S) AS SHOWN ON THIS SURVEY. AN APPROXIMATE LOCATION BY AN ABOVE GRADE INVESTIGATION BY PROBING AND POT HOLING, THE

TRACT 3, OF THE UNRECORDED PLAT OF KENT ACRES, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THE WEST 30.4 FEET OF THE EAST 94.5 FEET OF THE NORTH 726 FEET OF THAT PART OF SECTION 9, TOWNSHIP 39 SOUTH, RANGE 19 EAST, SARASOTA COUNTY, FLORIDA LIVING SOUTH OF THE EXISTING R/W OF VENICE AVENUE EAST. SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS OVER THE SOUTH 15 FEET THEREOF. RESERVED IN THAT CERTAIN DEED RECORDED IN O.R. BOOK 449, PAGE 562, OF THE PUBLIC RECORDS OF SARASOTA COUNTY, FLORIDA.

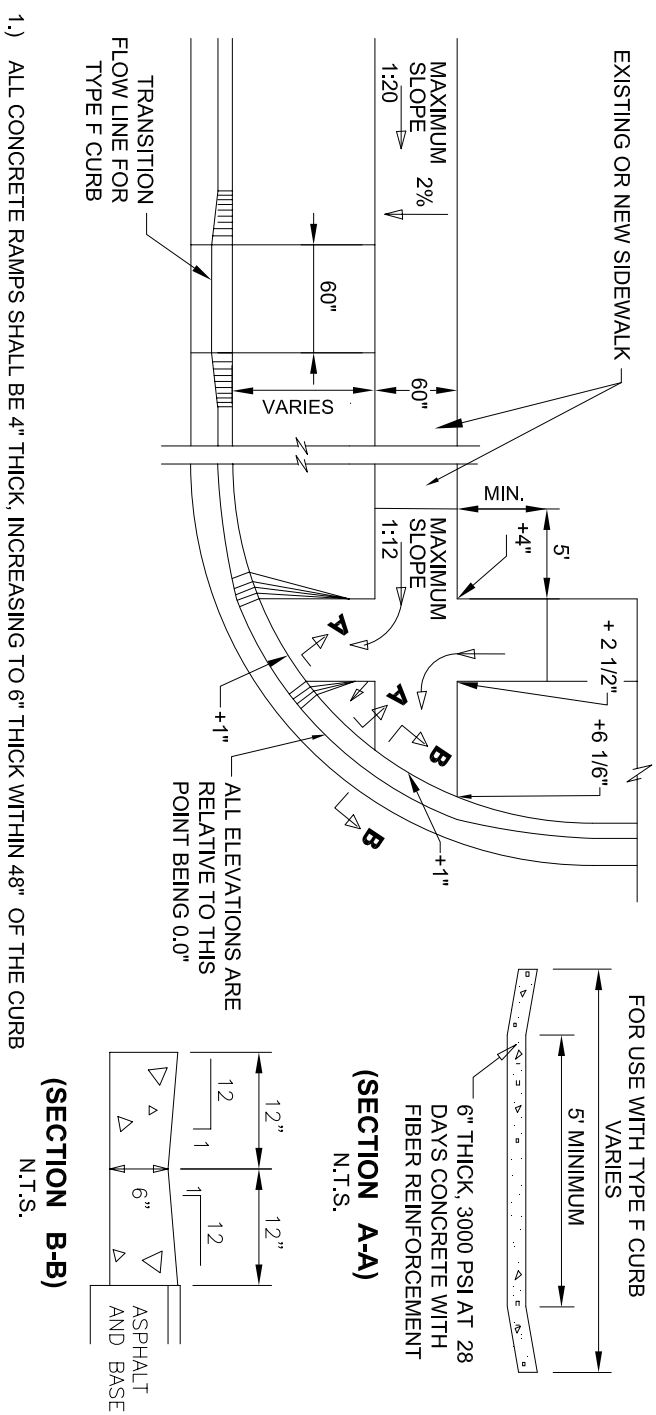
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### CURB DETAIL

N.T.S.



### SIDEWALK RAMP DETAIL

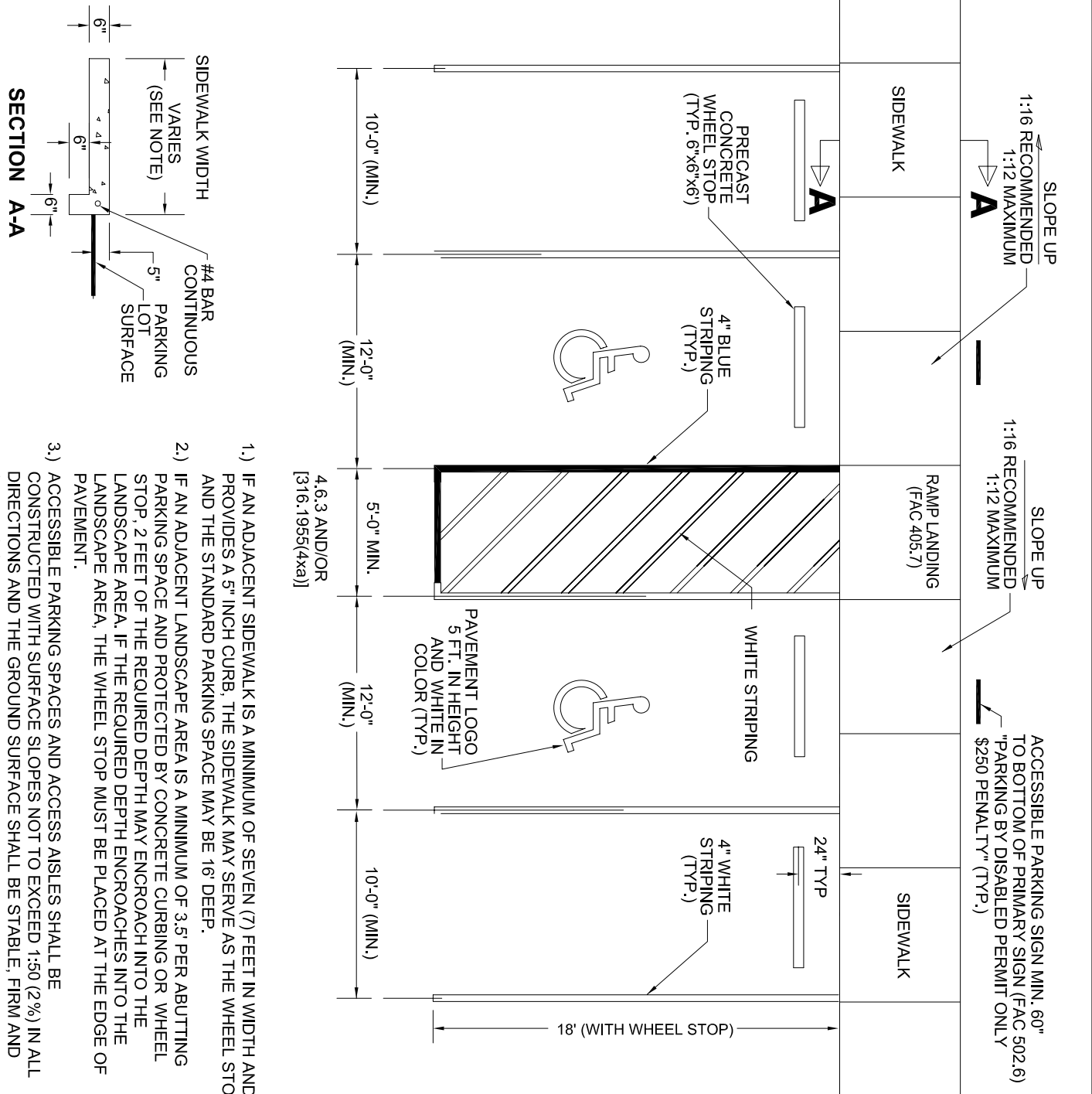
N.T.S.

**CITY OF VENICE**  
ENGINEERING DEPARTMENT  
401 WEST VENICE AVE.  
VENICE FL 34265  
(941) 486-2626  
FAX (941) 486-3031

**ENGINEERING**  
**SIDEWALK RAMPS & CURBING**

**DATE**  
JAN 2022

**SHEET NO.**  
ENG-1



### ACCESSIBLE & TYPICAL PARKING SPACE DETAIL

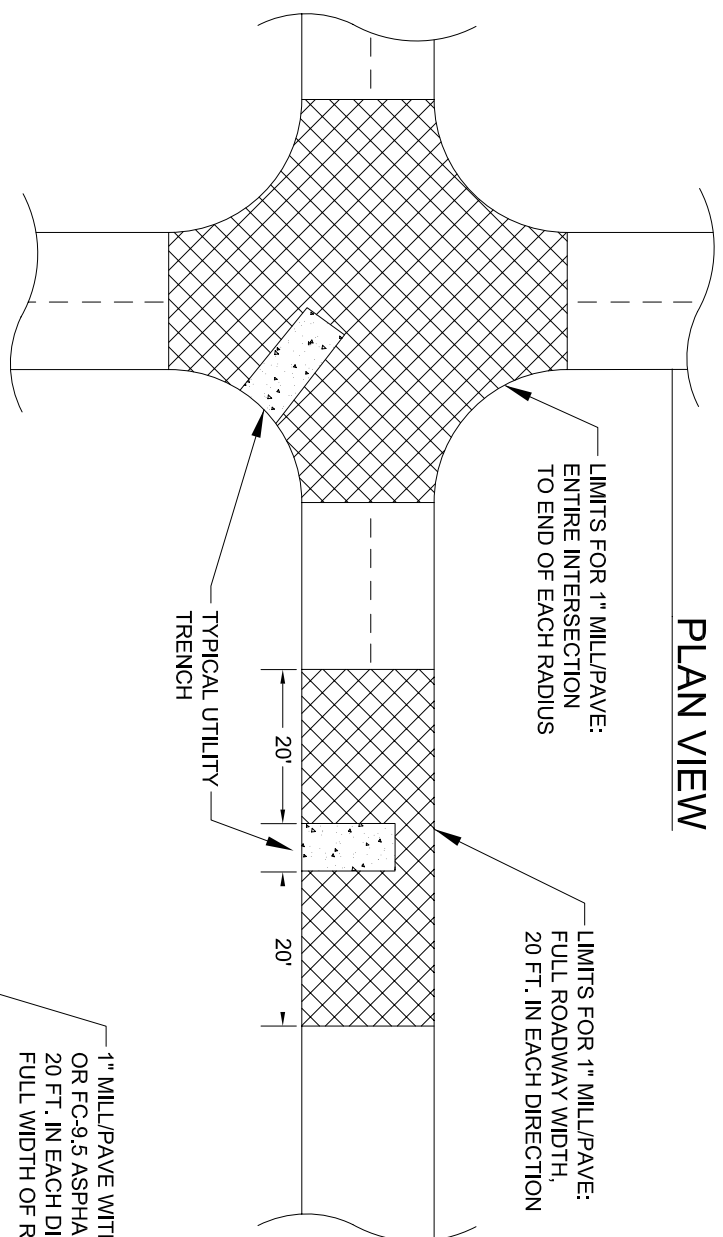
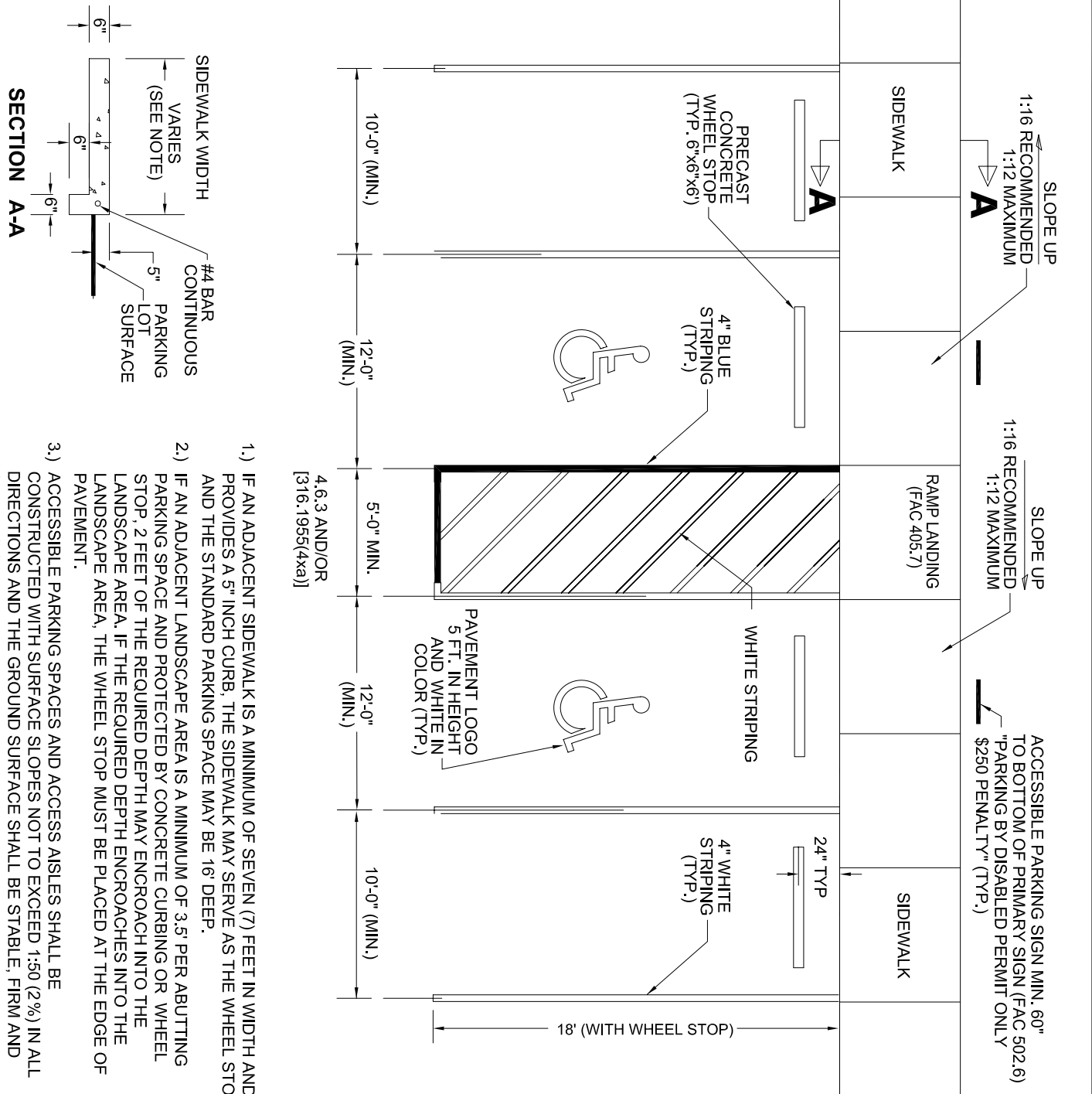
N.T.S.

**CITY OF VENICE**  
ENGINEERING DEPARTMENT  
401 WEST VENICE AVE.  
VENICE FL 34265  
(941) 486-2626  
FAX (941) 486-3031

**ENGINEERING**  
**ACCESSIBLE & TYPICAL PARKING**

**DATE**  
JAN 2022

**SHEET NO.**  
ENG-5



### PAVEMENT RESTORATION DETAIL

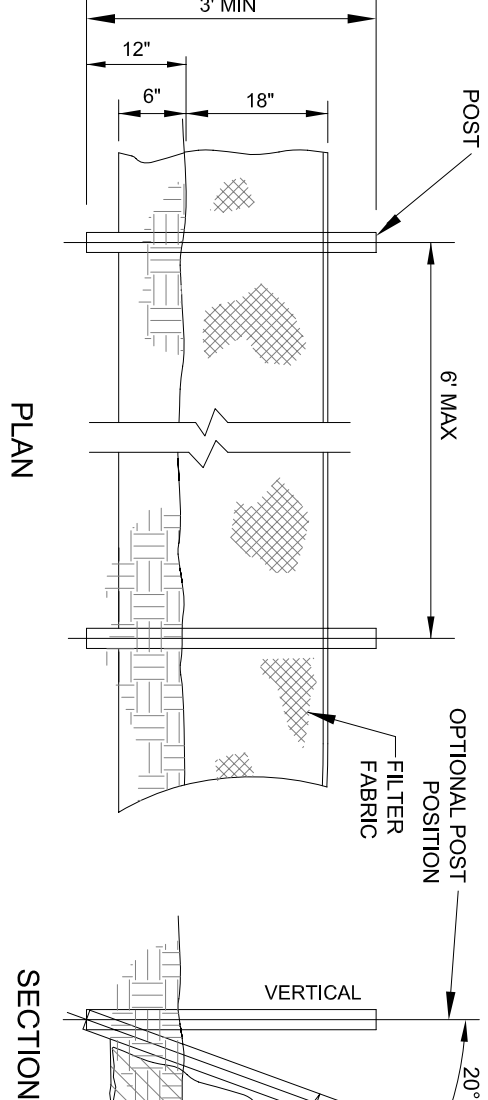
N.T.S.

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VENICE FL 34265  
(941) 486-2626  
FAX (941) 486-3031

**ENGINEERING**  
**PAVEMENT RESTORATION**

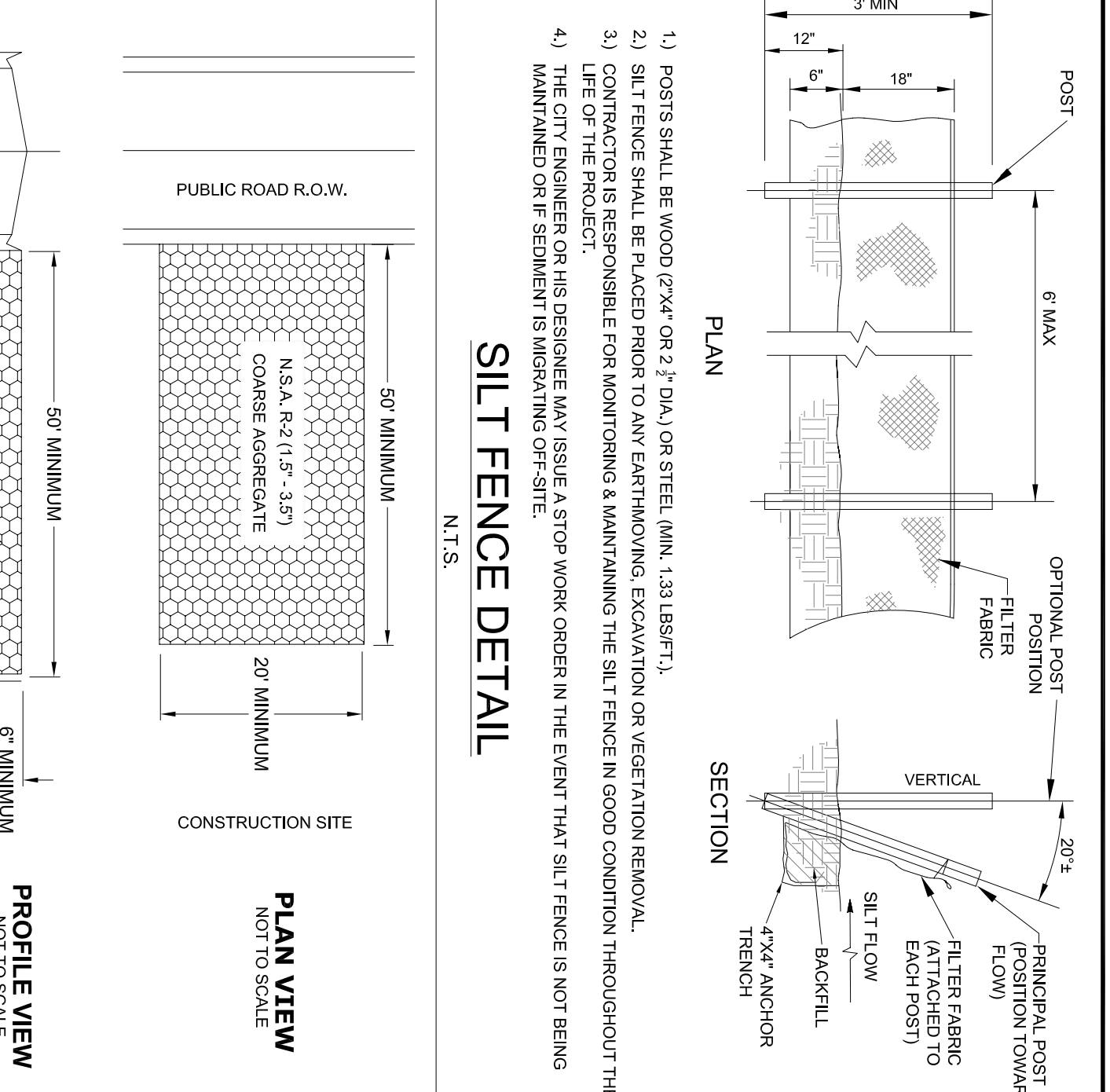
**DATE**  
JAN 2022

**SHEET NO.**  
ENG-2



### SILT FENCE DETAIL

N.T.S.



### CRUSHED STONE CONSTRUCTION EXIT DETAIL

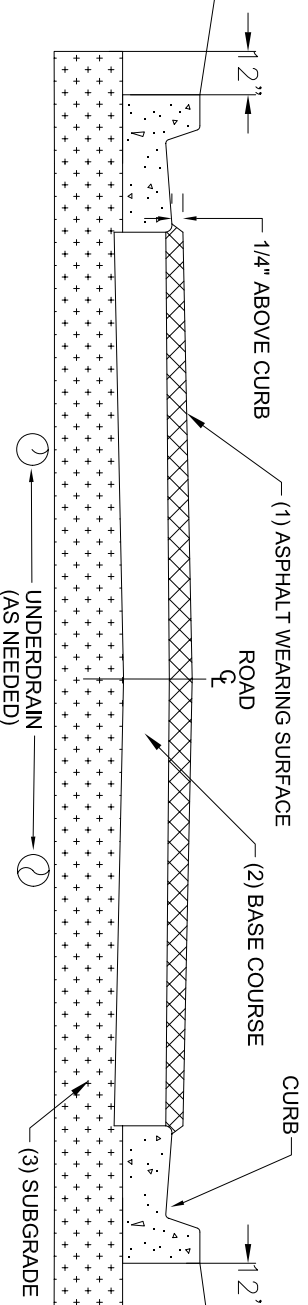
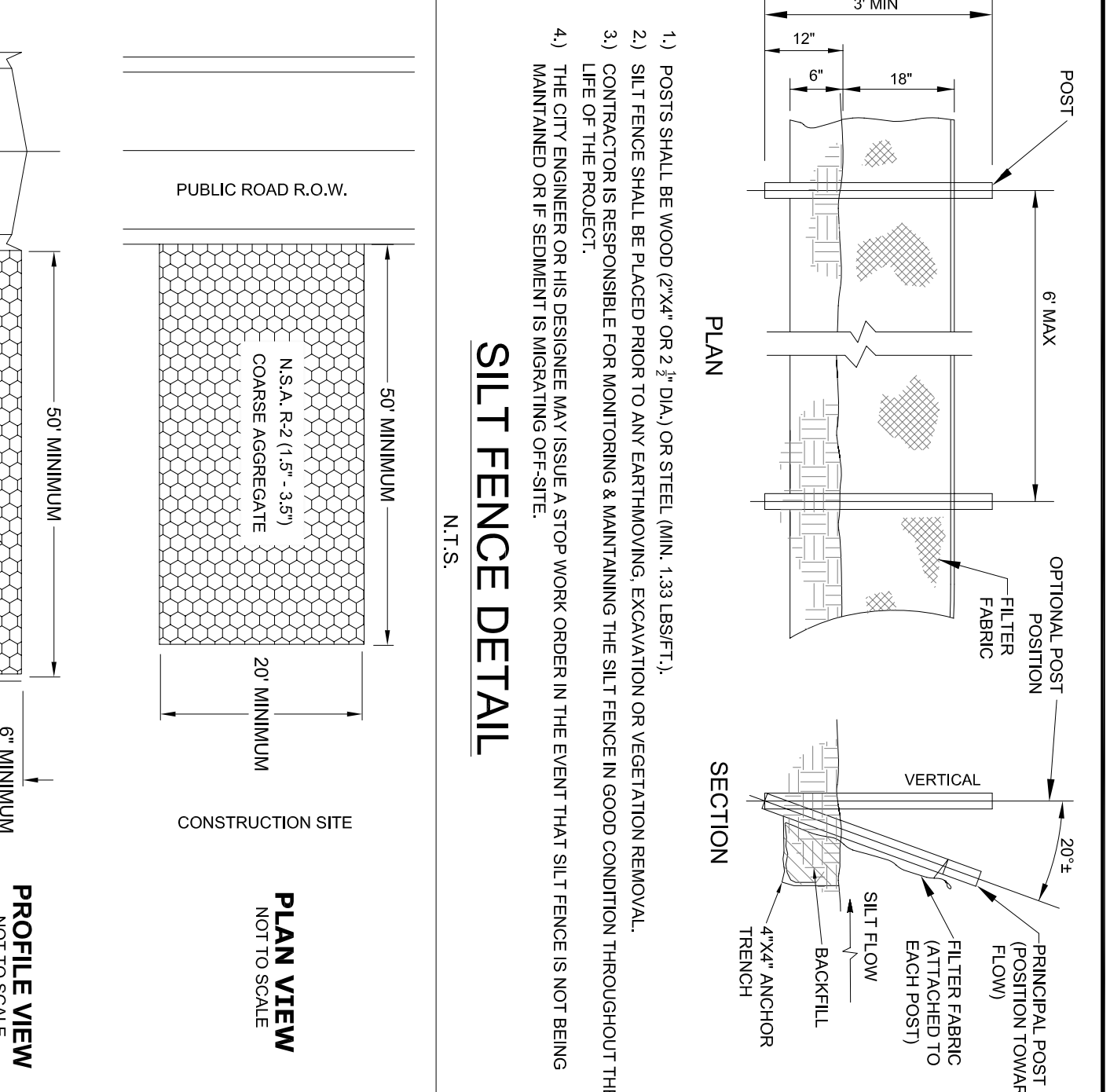
N.T.S.

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**ENGINEERING**  
**SILT FENCE & CONSTRUCTION EXIT**

**DATE**  
JAN 2022

**SHEET NO.**  
ENG-7



### TYPICAL ROADWAY SECTION

N.T.S.

**CITY OF VENICE**  
ENGINEERING DEPARTMENT  
401 WEST VENICE AVE.  
VENICE FL 34265  
(941) 486-2626  
FAX (941) 486-3031

**ENGINEERING**  
**TYPICAL ROADWAY SECTION**

**DATE**  
JAN 2022

**SHEET NO.**  
ENG-3

ROADWAY SECTION DESIGN (MINIMUM THICKNESS)			
STREET CLASSIFICATION	(1) ASPHALT SURFACE:		(2) SUB-GRADE:
	B-125 C1B CCA		TYPE B STAB.
REAR ACCESSORY & LOCAL OFF-PARKING	2" TYPE SP-9.5 (INSTALLED AS TWO 1" LIFTS)	4" 8" 8"	8" MIN. 40 LER
RESIDENTIAL STREET	2" TYPE SP-9.5 (INSTALLED AS TWO 1" LIFTS)	5" 10" 10"	12" MIN. 40 LER
INDUSTRIAL STREET (PUBLIC/PRIVATE)	2" TYPE SP-12.5 & 1" TYPE FC-9.5	5" 10" 10"	12" MIN. 40 LER
COLLECTOR / ARTERIAL STREET	3" TYPE SP-12.5 & 1" TYPE FC-9.5	5" 10" 10"	12" MIN. 40 LER

- 1) ALL STREETS WITHIN THE CITY LIMITS SHALL MEET THE MINIMUM DESIGN STANDARDS AS ESTABLISHED IN THIS DETAIL.
- 2) ALL INSTALLATION METHODS AND MATERIALS SHALL CONFORM WITH THE LATEST EDITION OF THE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 3) CRUSHED CONCRETE AGGREGATE (CCA) MUST HAVE AN LBR ≥ 180. SHELLS ARE NOT AN ACCEPTABLE BASE MATERIAL.
- 4) CEMENT TREATED BASE:
  - a) THE MATERIAL TO BE USED AS THE FILTER AGGREGATE IN C1B MUST BE LBR TESTED PRIOR TO DESIGN FORMULATION.
  - b) C1B DESIGN CRITERION SHOULD TARGET RANGE FROM 175 TO 275 PSI ON 7 DAY BREAK. TESTING MUST BE PROVIDED TO VERIFY THE COMPRESSIVE STRENGTH OF THE MIX.
- 5) ALL GRANULAR COARSE OF ROAD CONSTRUCTION MUST BE COMPACTED TO 98% OF ITS OPTIMUM DENSITY AS PER T-190 (ASTM). C1B SHALL BE COMPACTED TO 98% OF ITS LBR FORMULATION DENSITY (ASTM D 1557).
- 6) ALL MINERAL MATERIALS USED IN CONSTRUCTION OF ROADWAYS MUST MEET THE FOLLOWING CRITERIA:
  - a) FINES (PASSING #200 SIEVE) MUST BE LIMITED TO 5.0% GRAVELS LIMITED TO 3.5% NO DELETERIOUS MATERIALS.
  - b) ALL MATERIALS MUST BE LBR TESTED PRIOR TO DESIGN FORMULATION.
- 7) ROADWAY AND TRAFFIC DESIGN STANDARDS AND THE MINIMUM ON-ROAD TRAFFIC CONTROL DEVICES (LIMITED MANUALLY REFLECTORIZED MATERIAL). ALL STREET SIGNS SHALL BE 3 INCHES WIDE AND APPROVED BY THE DIRECTOR OF PUBLIC WORKS PRIOR TO INSTALLATION.
- 8) ALL CURB PAVES SHALL MEET THE SAME STRUCTURAL AND COMPACTION STANDARDS AS ROAD SUB-GRADE.
- 9) THESE PAVES SHALL EXTEND TO AT LEAST 12" BEYOND THE CURB.
- 10) UNDERDRAINS OR SIDEGRABNS MAY BE INCLUDED WHEN THE GROUND WATER LEVELS MAY AFFECT THE STRUCTURAL INTEGRITY OF THE ROAD. THIS DESIGN SHALL BE THE RESPONSIBILITY OF ENGINEER OF RECORD.
- 11) ANY PROPOSED TRAFFIC CALMING DEVICES MUST BE APPROVED BY THE CITY ENGINEER & FIRE CHIEF.
- 12) ASPHALT COARSE AND CONCRETE SHALL NOT BE PLACED WHILE RAIN IS FALLING, OR WHEN THERE IS STANDING WATER ON THE SURFACE TO BE COVERED.
- 13) THICK COAT SHALL BE APPLIED BETWEEN ALL ASPHALT LAYERS.

**CLIENT:**  
**MPS DEVELOPMENT AND CONSTRUCTION, LLC**  
333 S. TAMAMI TRAIL, SUITE 205  
VENICE, FL. 34285

**PROJECT NAME:**  
**COTTAGES OF VENICE**  
SITE AND DEVELOPMENT PLANS FOR CLUBHOUSE AND POOL/DECK (TRACT E)  
PAVING, GRADING AND DRAINAGE DETAILS

PROJECT NUMBER	NO.	DATE	BY	REVISIONS
18-2332				
SCALE				
N.T.S.				

DESIGNED BY: PROFESSIONAL ENGINEER  
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**PROFESSIONAL ENGINEERING RESOURCES, INC.**  
10225 TILBERTON ROAD, SUITE 4D, LARGO, FL 33771  
CIVIL ENGINEERS, PLANNERS, PEAK EXPERTS (727) 486-5007  
CERTIFICATE OF AUTHORIZATION NUMBER: 4401

**DRAWING TYPE**  
☐ PRELIMINARY  
☒ CONSTRUCTION  
☐ RECORD

**DESIGNED BY: PVS**  
DATE: 5-22-22  
**CHECKED BY: PVS**  
DATE: 5-22-22  
**APPROVED**  
PAUL V. SHERMAN REG. NO. 35628

**SHEET NUMBER**  
10







1. SEDIMENT BARS AND PILES, FENCEMATS, SEDIMENT BARRIERS AND OTHER MEASURES SHALL BE INSTALLED IN A MANNER THAT PREVENTS EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER. SEDIMENT BARRIERS SHALL BE MAINTAINED AND REPAIRED AS NECESSARY TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
2. ALL SEDIMENT CONTROL MEASURES SHALL BE DESIGNED TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER. SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
3. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO ALL EXPOSED SOIL SURFACES TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER. SOIL STABILIZATION SHALL BE APPLIED TO ALL EXPOSED SOIL SURFACES TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
4. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER. SOIL STOCK PILES SHALL BE STABILIZED COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
5. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL EXPOSED SOIL SURFACES TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER. VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL EXPOSED SOIL SURFACES TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
6. AFTER AN EROSION CONTROL MEASURE, SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE REPAIRED OR REPLACED AS NECESSARY TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
7. CONCENTRATED RUNOFF SHALL NOT ALLOW TO RUN DOWN CUT OR FILL SLOPES UNLESS IT IS CONTROLLED BY A SEDIMENT CONTROL MEASURE. SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
8. SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM DITCH, CHANNEL, WEIR, OR OTHER WATER BODY. SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM DITCH, CHANNEL, WEIR, OR OTHER WATER BODY.
9. WHEN WORK IN A LIVE WATERFRESH IS PREPARED, SEDIMENT SHALL BE TAKEN TO MINIMIZE ENRICHMENT. CONTROL SEDIMENT POSSIBLE DURING CONSTRUCTION.
10. EROSION INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS MAINTAINED. EROSION INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS MAINTAINED.
11. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, TRANSPORTATION SHALL BE MADE TO MAINTAIN THE ROAD SURFACE. TRANSPORTATION SHALL BE MADE TO MAINTAIN THE ROAD SURFACE.
12. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER. TEMPORARY MEASURES ARE NO LONGER NEEDED AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
13. PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.
14. CONSTRUCTION SHALL BE DESIGNED TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER. CONSTRUCTION SHALL BE DESIGNED TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
15. CONSTRUCTION SHALL BE DESIGNED TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER. CONSTRUCTION SHALL BE DESIGNED TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
16. CONSTRUCTION SHALL BE DESIGNED TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER. CONSTRUCTION SHALL BE DESIGNED TO PREVENT EROSION AND DISPERSED MATERIAL FROM BEING CARRIED OFF SITE BY WIND OR WATER.
17. THE POLLUTION PREVENTION PLAN IS A MANUAL CHIEFLY ONLY ADDITIONAL BAPS MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.
18. NO TO BE POSTED ON SITE.
19. DRAINAGE ACTIONS:
20. A DISCHARGE CANNOT EXCEED STATE WATER QUALITY STANDARDS. A DISCHARGE CANNOT EXCEED STATE WATER QUALITY STANDARDS.
21. USE OF ANY OTHER MATERIALS SHALL BE APPROVED BY THE PROJECT ENGINEER. USE OF ANY OTHER MATERIALS SHALL BE APPROVED BY THE PROJECT ENGINEER.
22. NO HYDRAULIC PUMPS MAY BE USED FOR REMEDIATION UNLESS APPROVED BY THE WATER MANAGEMENT DISTRICT FOR THAT AREA. NO HYDRAULIC PUMPS MAY BE USED FOR REMEDIATION UNLESS APPROVED BY THE WATER MANAGEMENT DISTRICT FOR THAT AREA.
23. ALL WORK MUST BE REPORTED TO THE PROJECT ENGINEER. ALL WORK MUST BE REPORTED TO THE PROJECT ENGINEER.

1. ALL TREES REMOVED ON A BARICADE BEFORE ANY DURING CONSTRUCTION ACTIVITIES.

2. UNDERGROUND UTILITIES EXISTING TREES TO THE WHERE FELT THE DUMPING

3. INSTALLATION OF FENCES AND WALLS SHALL TAKE INTO CONSIDERATION OF EXISTING TREES, SYSTEMS OF EXISTING TREES.

4. FENCE/BARRICADE SHALL BE ALIGNED ON THE OUTSIDE OF THE FENCE SHALL BE MAINTAINED DURING CONSTRUCTION.

5. DO NOT PARK HEAVY EQUIPMENT OR VEHICLES ON THE FENCE. DO NOT AND FILL 4' TO 6' MINIMUM THE FENCE SHALL BE DONE BY HAND.

EXISTING TREE THRU-OUT DANGER ZONES

CRANK, WIND, CHAIN, FENCING, CHAIN, SNOW FENCING, HIGH AND SHIPPED, TRUCKS, OF THE, OR APPROVED, M, UNBUILT, AND IN, WOODEN STAKES, AS AN APPROXIMATE, THE FENCE UP PLACE.

PLAN

Diagram illustrating the structure of a tree trunk cross-section. The diagram shows a tree trunk with a cross-section revealing internal layers. Labels include: "ELEVATION" (vertical text on the left), "MEAN 1-HOUR OR APPROVED ALTERNATE" (text pointing to the outer boundary of the cross-section), "MEAN 1-HOUR OR APPROVED ALTERNATE" (text pointing to the inner boundary of the cross-section), "MEAN 1-HOUR OR APPROVED ALTERNATE" (text pointing to the central core of the cross-section), and "MEAN 1-HOUR OR APPROVED ALTERNATE" (text pointing to the outer boundary of the cross-section).



SECTION A-A

SEDIMENT CONTROL DETAIL FOR STOCKPILING OF ERODIBLE MATERIAL - N.T.S.

NOTE: ALL STOCKPILES SHALL BE A MAXIMUM OF 20' HIGH.

FOR STOCKPILING ERODIBLE MATERIAL, THE AREA SHALL BE SEDGED AND MULCHED.

20' MAX.

STOCKPILE OF ERODIBLE MATERIAL

A

Diagram illustrating the components of a filter sack for geotextile bags:

- OVERFLOW HOLES (OPTIONAL)
- INLET GRATE
- GEOTEXTILE BAG
- 2"x2"x4" RUBBER BLOCK (TYPICAL)
- DIPPLED
- LEAKAGE
- WATER
- ROADWAYS=INLS.
- STABILIZED
- GRADED INLETS AND
- FILTER SACKS FOR

STRAKES  
(2 PPS BALES)  
WOOD OR METAL  
STRAKES (2 PPS BALE)  
NAME MATERIAL  
(OPTIONAL)

SECTION B-B

STRAW BALE  
BINDING WIRE  
10 mil PLASTIC LINING  
CONCRETE

15' MIN.

WIRES

PLAN

30' OF THE  
CONCRETE  
WASHOUT  
FACILITY

STAKE (7'x7')

STRAW BALE (7'x7')

10 mil PLASTIC LINING

CONCRETE WASHOUT SIGN  
DETAIL (OR EQUIVALENT)

PLASTER, 4'x2'  
WASHOUT  
PAINTED WHITE  
BLACK LETTERS  
U.S. SCREWS  
6" 2" DIA.  
WOOD POSTS  
(4" x 8" x 36")  
CONCRETE

12" DIA.  
1" STAKE WIRE

STAKE DETAIL

Diagram illustrating two types of filter bags used in water filtration:

- ROCK BAG**: A bag filled with rocks, used for filtering water.
- POLY WHITTLE OR GEOHAY**: A bag made of polywhittle or geohay material, used for filtering water.

Both bags are shown with dimensions and a table of specifications:

SIZE		WEIGHT		VOLUME		COST	
INCHES	FEET	POUNDS	KILOGRAMS	CUBIC FEET	CUBIC METERS	PER BAG	PER CUBIC YARD
12	1	100	45	1.0	0.03	\$1.00	\$33.33
12	2	200	90	2.0	0.06	\$2.00	\$33.33
12	3	300	135	3.0	0.09	\$3.00	\$33.33
12	4	400	180	4.0	0.12	\$4.00	\$33.33
12	5	500	225	5.0	0.15	\$5.00	\$33.33
12	6	600	270	6.0	0.18	\$6.00	\$33.33
12	7	700	315	7.0	0.21	\$7.00	\$33.33
12	8	800	360	8.0	0.24	\$8.00	\$33.33
12	9	900	405	9.0	0.27	\$9.00	\$33.33
12	10	1000	450	10.0	0.30	\$10.00	\$33.33
12	11	1100	495	11.0	0.33	\$11.00	\$33.33
12	12	1200	540	12.0	0.36	\$12.00	\$33.33
12	13	1300	585	13.0	0.39	\$13.00	\$33.33
12	14	1400	630	14.0	0.42	\$14.00	\$33.33
12	15	1500	675	15.0	0.45	\$15.00	\$33.33
12	16	1600	720	16.0	0.48	\$16.00	\$33.33
12	17	1700	765	17.0	0.51	\$17.00	\$33.33
12	18	1800	810	18.0	0.54	\$18.00	\$33.33
12	19	1900	855	19.0	0.57	\$19.00	\$33.33
12	20	2000	900	20.0	0.60	\$20.00	\$33.33
12	21	2100	945	21.0	0.63	\$21.00	\$33.33
12	22	2200	990	22.0	0.66	\$22.00	\$33.33
12	23	2300	1035	23.0	0.69	\$23.00	\$33.33
12	24	2400	1080	24.0	0.72	\$24.00	\$33.33
12	25	2500	1125	25.0	0.75	\$25.00	\$33.33
12	26	2600	1170	26.0	0.78	\$26.00	\$33.33
12	27	2700	1215	27.0	0.81	\$27.00	\$33.33
12	28	2800	1260	28.0	0.84	\$28.00	\$33.33
12	29	2900	1305	29.0	0.87	\$29.00	\$33.33
12	30	3000	1350	30.0	0.90	\$30.00	\$33.33
12	31	3100	1395	31.0	0.93	\$31.00	\$33.33
12	32	3200	1440	32.0	0.96	\$32.00	\$33.33
12	33	3300	1485	33.0	0.99	\$33.00	\$33.33
12	34	3400	1530	34.0	1.02	\$34.00	\$33.33
12	35	3500	1575	35.0	1.05	\$35.00	\$33.33
12	36	3600	1620	36.0	1.08	\$36.00	\$33.33
12	37	3700	1665	37.0	1.11	\$37.00	\$33.33
12	38	3800	1710	38.0	1.14	\$38.00	\$33.33
12	39	3900	1755	39.0	1.17	\$39.00	\$33.33
12	40	4000	1800	40.0	1.20	\$40.00	\$33.33
12	41	4100	1845	41.0	1.23	\$41.00	\$33.33
12	42	4200	1890	42.0	1.26	\$42.00	\$33.33
12	43	4300	1935	43.0	1.29	\$43.00	\$33.33
12	44	4400	1980	44.0	1.32	\$44.00	\$33.33
12	45	4500	2025	45.0	1.35	\$45.00	\$33.33
12							

The diagram illustrates the typical arrangement of silt bales. A horizontal row of five rectangular bales is shown. An arrow labeled "FLOW" points from right to left, indicating the direction of water flow. Above the second bale from the left, a label "BALES TO BE TIED TOGETHER" is connected by lines to the top of the second and third bales. Below the row of bales, a label "LOOSE SOIL PLACED BY DOWNSTREAM SIDE OF BALES" points to the area between the bales. The entire diagram is enclosed in a rectangular border with a decorative, repeating geometric pattern on the left and bottom sides.

[illegible]

Figure 1 consists of four detailed diagrams of a composite beam. (a) Cross-section of the beam: A concrete slab of thickness  $t$  is shown on top of a steel beam of height  $h$ . The slab is reinforced with steel bars of diameter  $\phi$  and spacing  $s$ . The steel beam has a top flange of thickness  $t_f$  and a web of thickness  $t_w$ . The concrete slab is shown with a top reinforcement layer and a bottom reinforcement layer. The steel beam is shown with a top flange and a web. The concrete slab is shown with a top reinforcement layer and a bottom reinforcement layer. (b) Detail of the beam end: A cross-section of the beam end showing the connection to the support. The concrete slab is shown with a top reinforcement layer and a bottom reinforcement layer. The steel beam is shown with a top flange and a web. (c) Detail of the beam end: A cross-section of the beam end showing the connection to the support. The concrete slab is shown with a top reinforcement layer and a bottom reinforcement layer. The steel beam is shown with a top flange and a web. (d) Detail of the beam end: A cross-section of the beam end showing the connection to the support. The concrete slab is shown with a top reinforcement layer and a bottom reinforcement layer. The steel beam is shown with a top flange and a web.

The diagram consists of two parts. The top part, labeled 'PARTIAL INLET', shows a cross-section of a road with a 'DITCH' on the left and a 'PARTIAL' ditch on the right. The bottom part, labeled 'COMPOUND INLET', shows a cross-section of a road with a 'DITCH' on the left and a 'COMPOUND' ditch on the right. The compound ditch is shown with a '3/4" R/W DITCH' and a '3/4" R/W DITCH' on either side of a central '6" W/4" R/W DITCH'.

Diagram illustrating a ditch cross-section with a brushwood fence. The ditch is labeled "DITCH BOTTOM". The brushwood fence is labeled "BRUSH AND UPSTREAM SIL FENCE VARY BE CROSSINGS". The ditch is flanked by "SILT FENCE" on both sides. A note on the right indicates "(OF DOWNSTREAM SIL FENCE)". A "PIPE" is shown at the bottom left of the ditch.

Figure 1 is a schematic diagram of the experimental setup. The top part shows a cross-section of a specimen with dimensions: 200mm (width), 200mm (height), 100mm (width of the central hole), and 100mm (height of the central hole). The bottom part shows a side view of the specimen with dimensions: 200mm (width), 100mm (height), and 100mm (width of the central hole). The specimen is supported by a base and a vertical load  $P$  is applied to the top surface.

Figure 1 is a schematic diagram of a slope failure mechanism. It shows a cross-section of a slope with a failure surface. The failure surface is divided into three segments: a horizontal segment at the top labeled "TOP OF FAILURE SURFACE", a middle segment labeled "F.L.S." (Failure Line Surface), and a bottom segment labeled "B.F.S." (Base Failure Surface). The failure surface is defined by a dashed line. The slope is bounded by a vertical line on the left and a horizontal line on the right. The failure surface is labeled "F.L.S." and "B.F.S.".

Diagram illustrating the effect of silt accumulation on a bridge pier. The diagram shows a cross-section of a channel with a pier. The top of the bank is labeled 'TOP OF BANK'. The bottom of the channel is labeled 'BOTTOM OF CHANNEL'. The pier is labeled 'PIER'. A flow arrow indicates 'FLOW' from left to right. A dashed line indicates the 'EXISTING SCALE' and a solid line indicates the 'NEW SCALE' after silt removal. The area of silt accumulation is labeled 'SILT ACCUMULATION'.

Diagram illustrating the plan view of the proposed shale weir and existing weir. The diagram shows a cross-section of a river channel with a weir structure. Labels include: "TOP OF BANK", "FLOW", "PROPOSED SHALE", "EXIST. WEIR", "SILL LENGTH", "SILL SPACING", and "TOP OF BANK".

A diagram showing a line with arrows pointing towards it, labeled "SOD REQUIRED".

MPS DEVELOPMENT AND  
CONSTRUCTION, LLC  
333 S. TAMiami TRAIL, SUITE 205  
VENICE, FL. 34285

COTTAGES OF VENICE  
SITE AND DEVELOPMENT PLANS FOR CLUBHOUSE AND POOL/DECK (TRACT E)  
BEST MANAGEMENT DETAILS

[illegible]

PROFESSIONAL ENGINEERING RESOURCES,  
10225 ULMERON ROAD, SUITE 4D LARGO, FL 33043  
CIVIL ENGINEERS, PLANNERS, PERMIT EXPEDITORS  
CERTIFICATE OF AUTHORIZATION NUMBER: 4401

- ☒ PRELIMINARY
- ☐ CONSTRUCTION
- ☐ RECORD

[illegible]

72



## GENERAL NOTES

- [illegible]

- [illegible]

- [illegible]

## PAVING NOTES

- [illegible]

TESTING SCHEDULE  
THE BELOW TESTING SCHEDULE  
SHALL BE UTILIZED  
BY THE CONTRACTOR  
FOR ALL ITEMS NOT INCLUDED  
IN THE CITY OF VENICE AND  
SARASOTA COUNTY REQUIREMENTS

[illegible]