

**APPENDIX C:
OPERATIONS PERMIT
APPLICATION DIAGRAMS
TAMIAMI ACCESS
ROAD AND PAD**

Plot Date: 12/17/2021 9:02:17 AM [plotted By: Alejandro Avila] [Original Size: 26436] [Drawing Path: P:\Active_Projects\BURN-001\001_7_email_PadDrawings-Civil\ActiveSheet_Files\BURN-001-003-002N1.dwg]

2600 Golden Gate Parkway
Naples, Florida 34105
Phone: 239.403.6700 Fax: 239.261.1797
Email: info@pen-eng.com Website: www.pen-eng.com
Florida Engineering Certificate of Authorization #28275
Florida Landscape Certificate of Authorization #LC26000632

PROJECT:

TAMIAMI ACCESS ROAD AND PAD NPS

TITLE:

MASTER SITE PLAN

OWNER/CLIENT/CONSULTANT:

BURNETT OIL CO., INC.

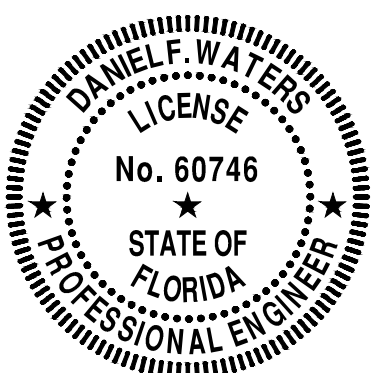
REVISIONS:

[illegible]

NOTES:

PROFESSIONAL SEALS

PROFESSIONAL ENGINEER: DAN WATERS, P.E.
FLORIDA LICENSE NUMBER: 60746



DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988).

Bar Scale: 1" = 300'

SEC:35-36 TWP:51S RGE: 34E

City: **NAPLES** County: **COLLIER**
Designed by: **DAN WATERS, P.E.**

Designed by: DAN WATERS, P.E.
Drawn by: ALEJANDRO AVILA

Date: NOVEMBER 2020

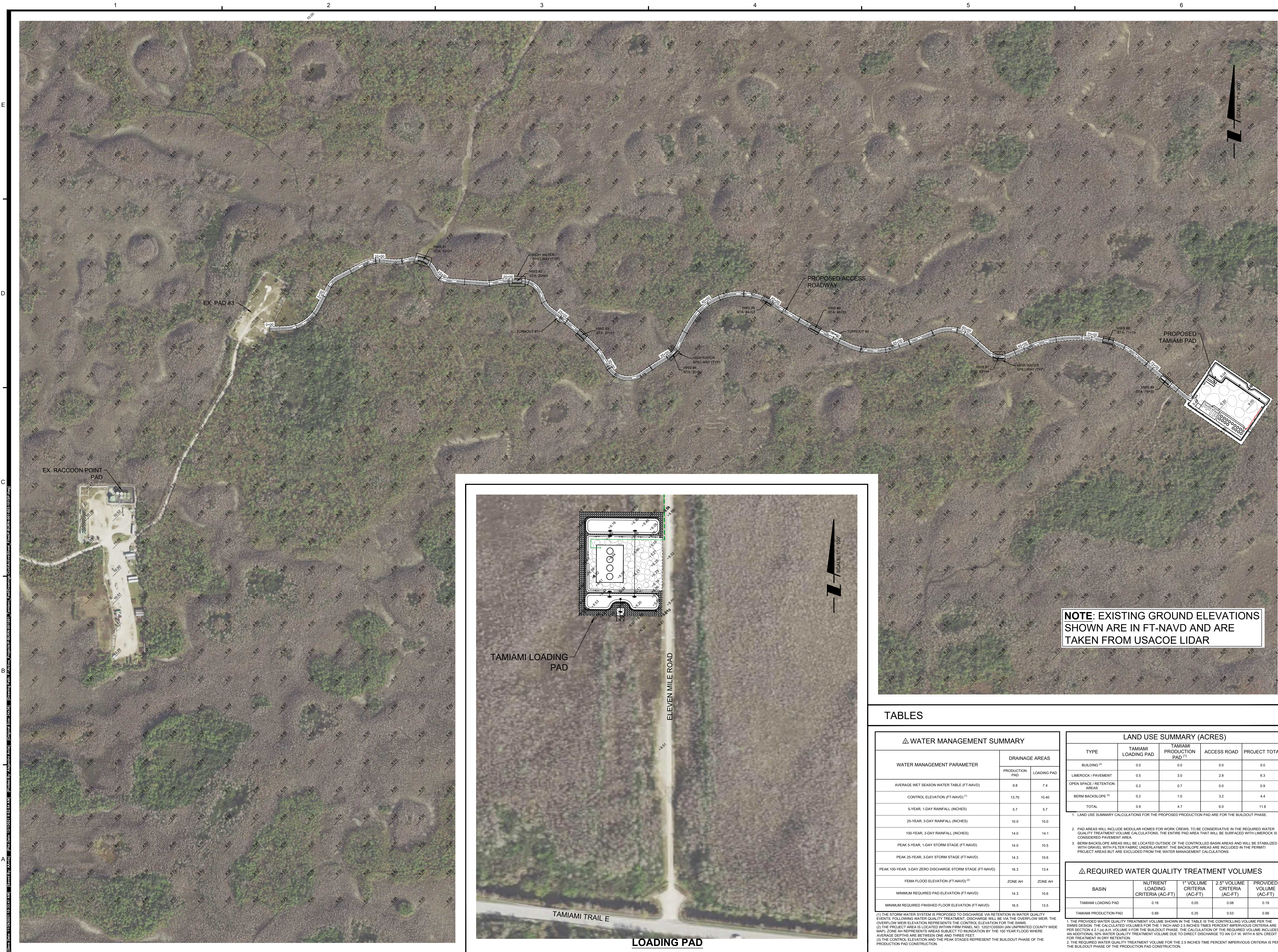
Horizontal Scale: $1'' = 300'$
Vertical Scale: N.T.S.

Project Number: P-BURN-001-001

File Number: P-BURN-001-003-101SP

C 101

Sheet Number: 03 of 14





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Email: info@pen-eng.com Website: www.pen-eng.com
Florida Engineering Certificate of Authorization #28275
Florida Landscape Certificate of Authorization #LC26000632

TAMIAMI ACCESS ROAD AND PAD NPS

TITLE: _____

SITE PLAN (B)

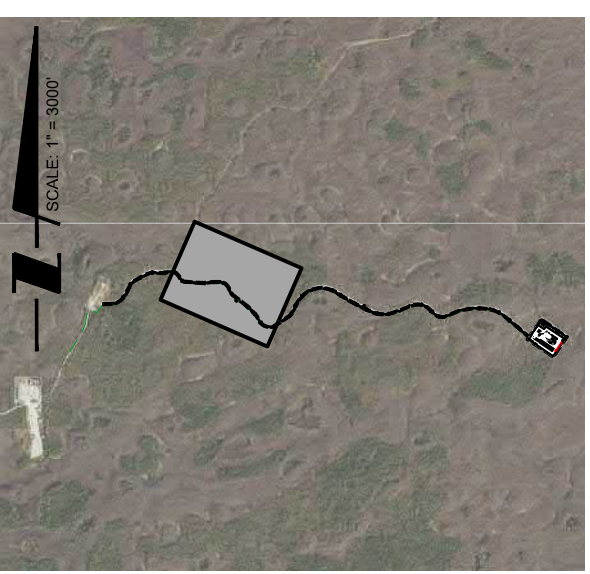
OWNER/CLIENT/CONSULTANT:

BURNETT OIL CO., INC.

REVISIONS:

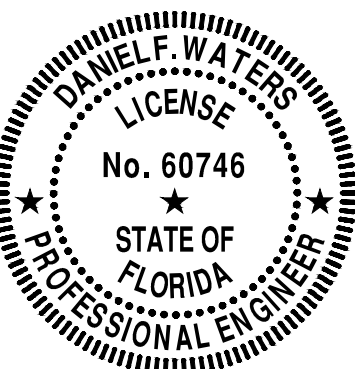
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KEYMAP:



PROFESSIONAL SEALS:

PROFESSIONAL ENGINEER: DAN WATERS, P.E.
FLORIDA LICENSE NUMBER: 60746



DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988).



SEC: 35-36 TWP: 51S RGE: 34E

City **NAPLES** County: **COLLIER**

Designed by: DAN WATERS, P.E.

Drawn by: ALEJANDRO AVILA

Date: NOVEMBER 2020

Horizontal Scale: $1" = 60'$

Vertical Scale: N.T.S.

Project Number: P-BURN-001-001

File Number: P-BURN-001-003-122SP

C-122

05 of 14

Sheet Number: 05 of 14

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TITLE: _____

OWNER/CLIENT/CONSULTANT:

REVISIONS: _____

KEYMAP:

A circular professional engineer seal for Daniel F. Waters. The outer ring contains the text "DANIEL F. WATERS" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by three stars. The inner circle contains the word "LICENSE" at the top, "No. 60746" in the center, and "STATE OF FLORIDA" at the bottom, also separated by three stars.

Bar Scale: 1" = 60'

City: **NAPLES** County: **COLLIER**

Drawn by: ALEJANDRO AVILA

Horizontal Scale: 1" = 60'

Project Number: P-BURN-001-001

C 122

Sheet Number: 06 of 14

TAMIAMI ACCESS ROAD AND PAD NPS

TITLE: _____

SITE PLAN (D)

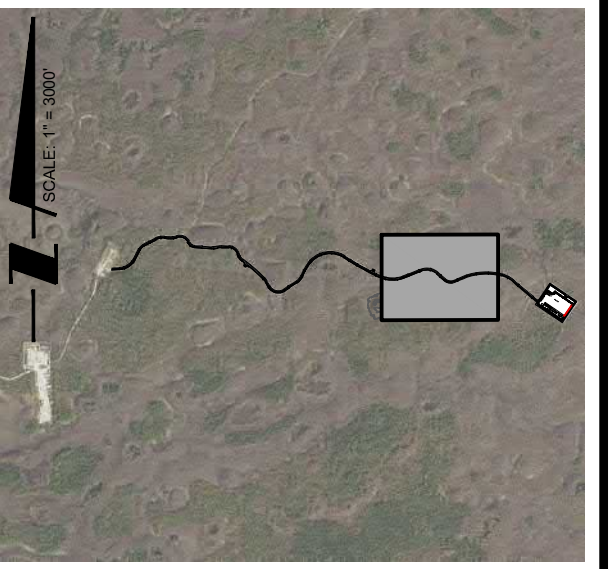
OWNER/CLIENT/CONSULTANT:

BURNETT OIL CO., INC.

REVISIONS:

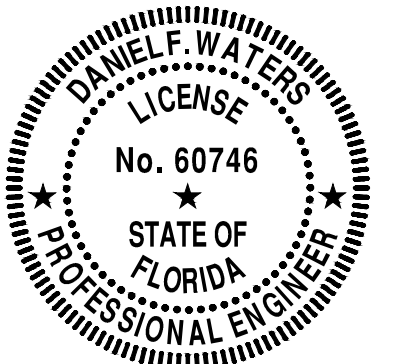
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KEYMAP:



PROFESSIONAL SEALS:

PROFESSIONAL ENGINEER: DAN WATERS, P.E.
FLORIDA LICENSE NUMBER: 60746



DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988).

Bar Scale: 1" = 60'

SEC:35-36 TWP:51S RGE: 34E

City **NAPLES** County: **COLLIER**
Designed by: **DAN WATERS, P.E.**

Designed by: DAN WATERS, F.L.E.

Drawn by: ALEJANDRO AVILA

Date: NOVEMBER 2020

Horizontal Scale: 1" = 60'

Vertical Scale: N.T.S.

Project Number: P-BURN-001-001
P-BURN-001-002-124SD

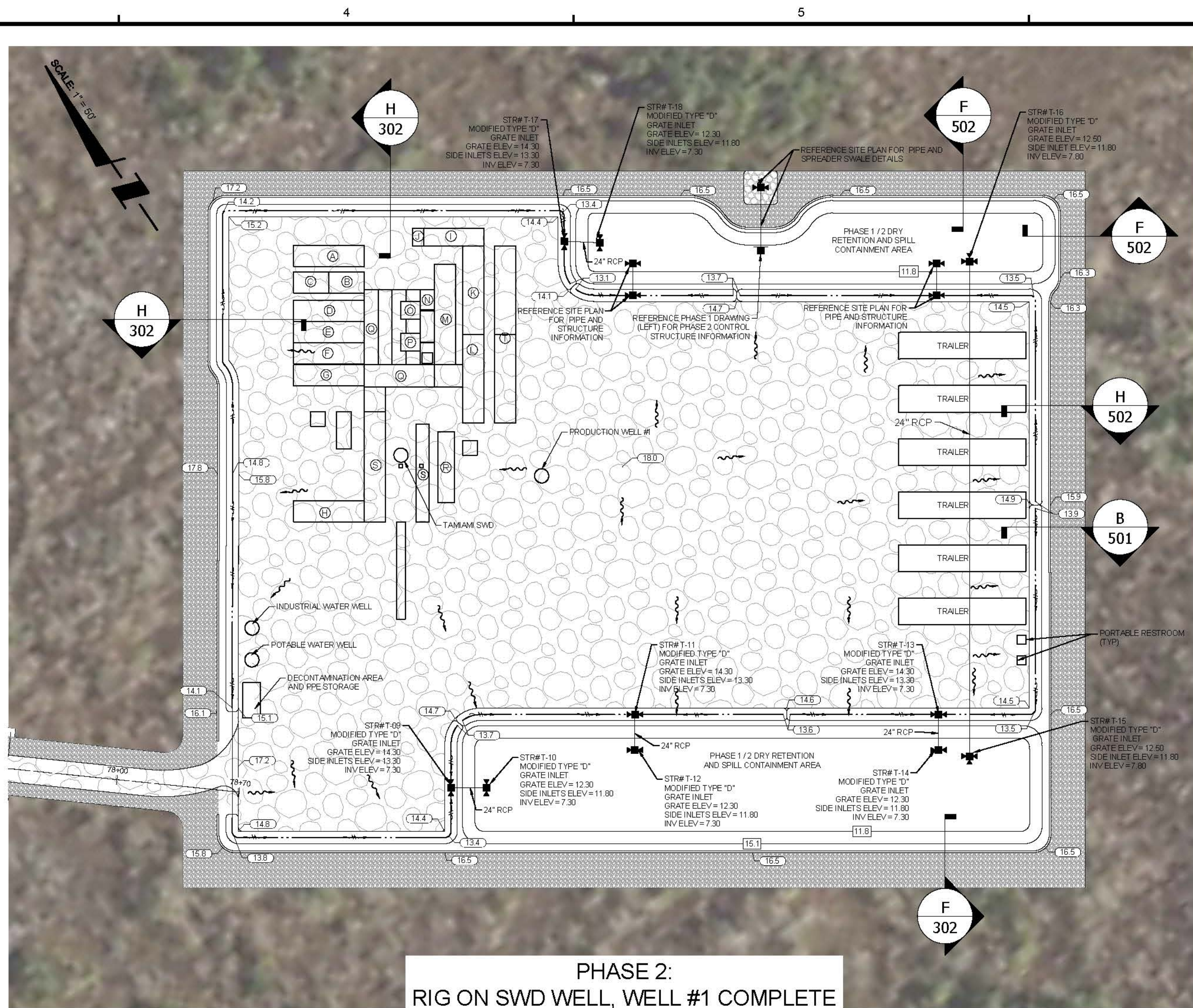
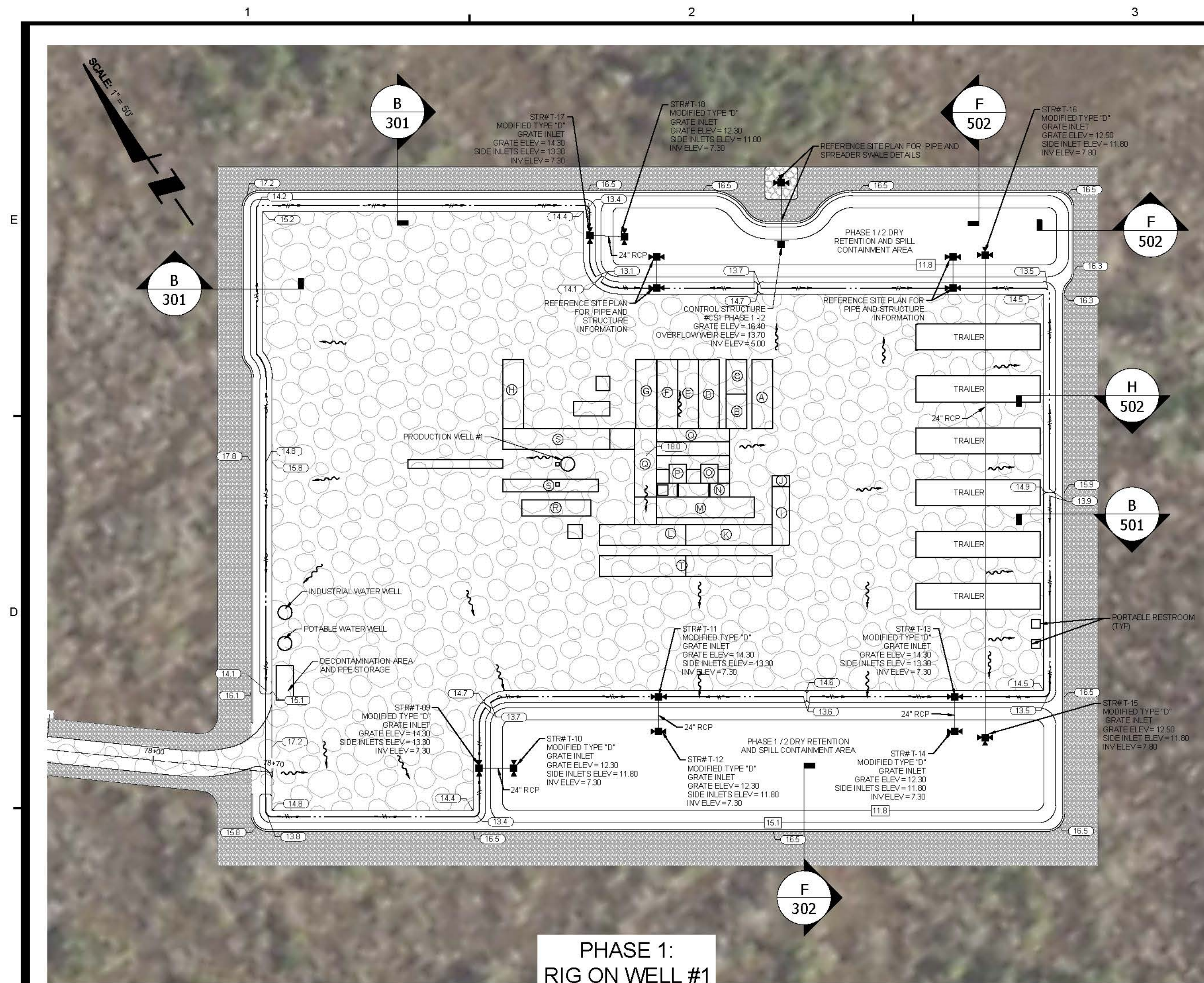
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C-124

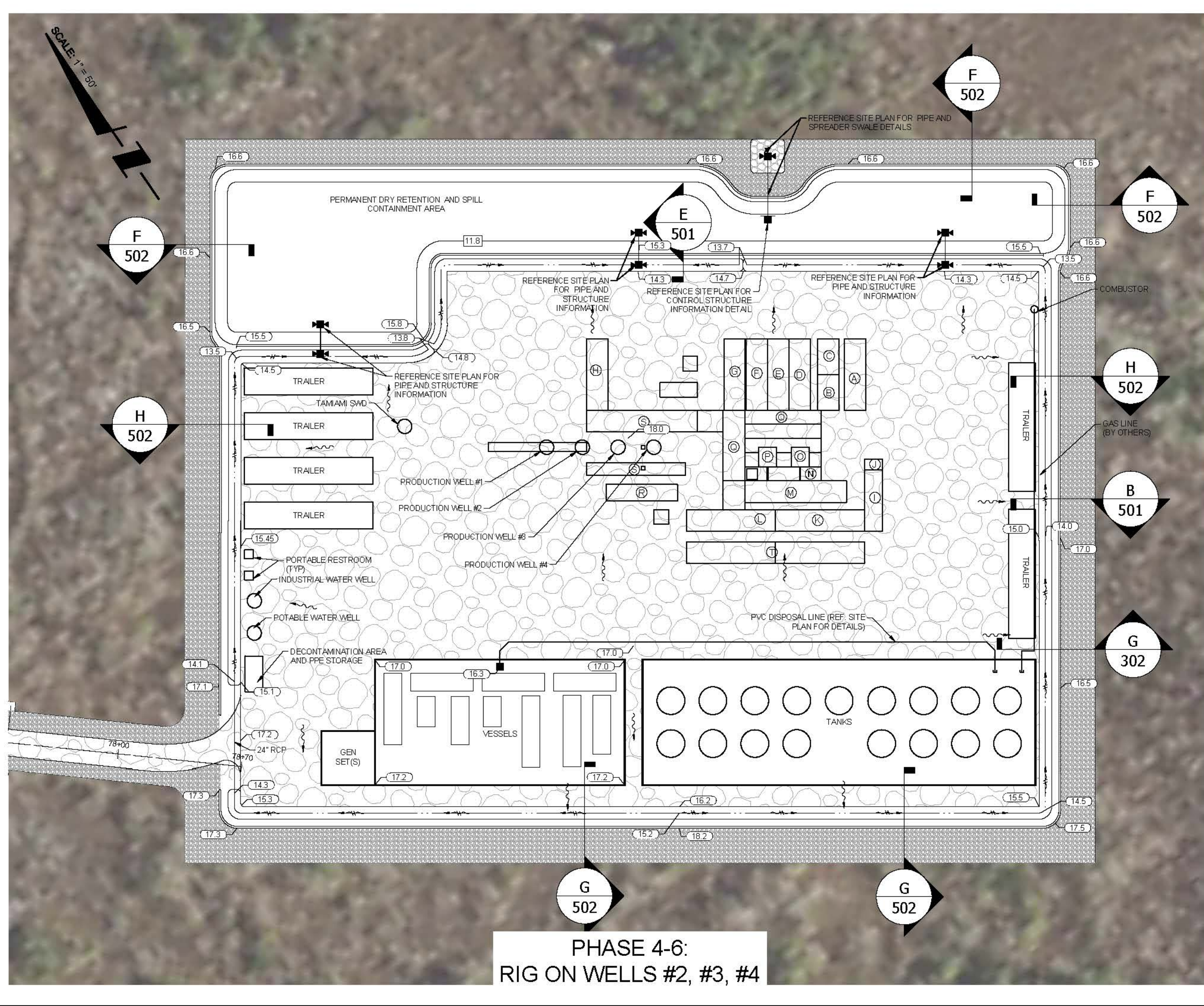
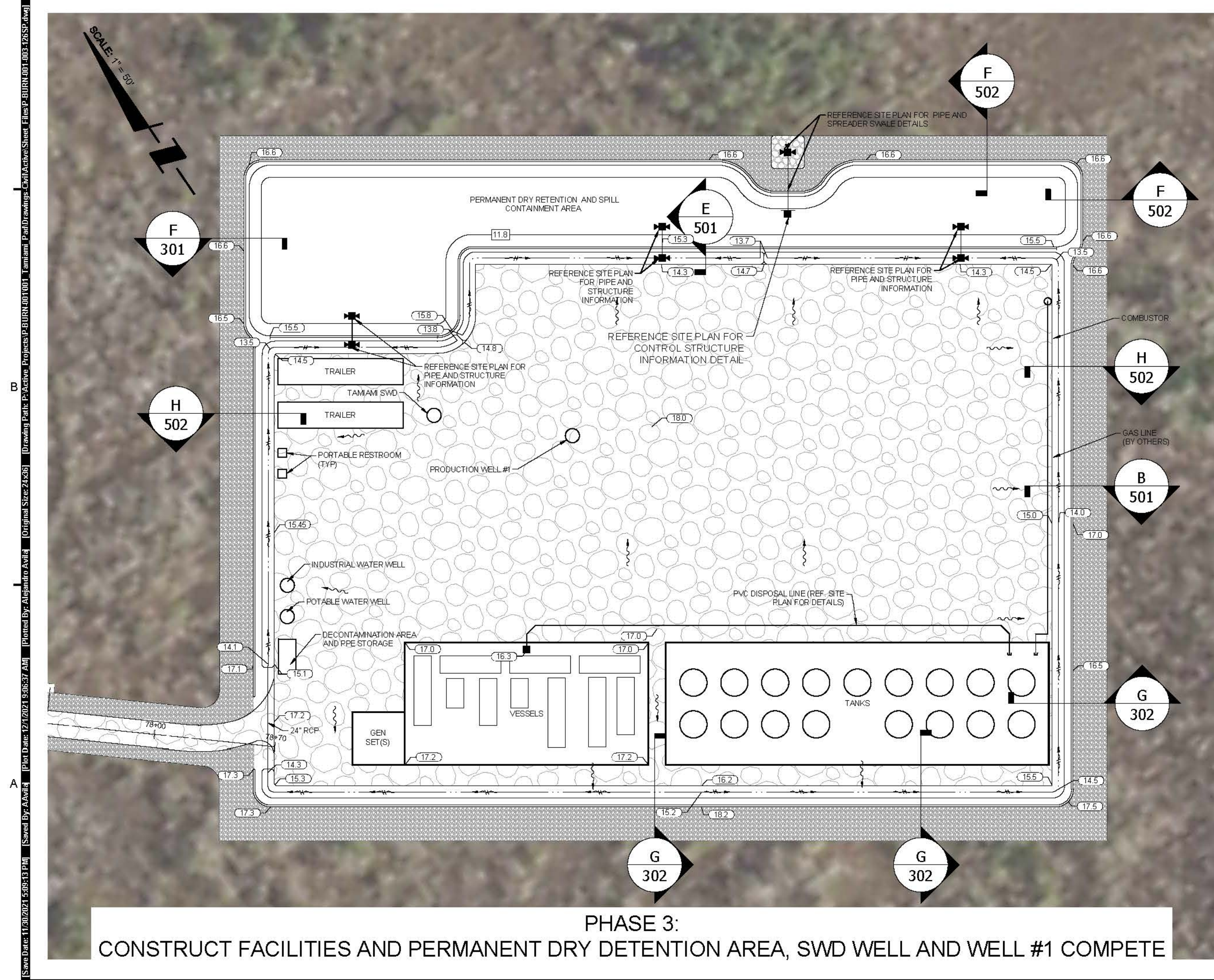
Sheet Number: 07 of 14

E
D
C
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DRILL RIG EQUIPMENT LEGEND	
A	DIESEL TANK
B	PARTS
C	CHANGE HOUSE
D	#3 MOTOR
E	#2 MOTOR
F	#1 MOTOR
G	SCR HOUSE
H	JUNK BOX
I	JUNK RACK / MUD HOUSE
J	OIL BIN
K	WATER TANK
L	SHAKER TANK
M	SUCTION TANK
N	#1 PUMP MAT
O	#2 PUMP
P	#1 PUMP
Q	WIRE TRAY
R	CHOKE MANFOLD
S	SUB
T	CLOSED LOOP EQUIPMENT



- PHASE 2 TO PHASE 3 GRADING NOTES**
- THE GENERAL SEQUENCE OF THE REGRADING OF THE PAD AND DRY RETENTION AREA IS SHOWN IN THE ERP WILL BE AS FOLLOWS:
1. INSTALL EROSION AND TURBIDITY CONTROL AT THE PERIMETER OF THE PROPOSED PAD.
 2. INSTALL THE PERMANENT / PHASE 3 - 4 STORMWATER CONTROL STRUCTURE AND SPREADER SWALE.
 3. BACKFILL PHASE 1 / 2 RETENTION AREA WITH THE SOIL MATERIAL EXCAVATED TO CREATE THE PERMANENT RETENTION AREA.
 4. REGRADE THE PERIMETER COLLECTOR SWALES TO DIRECT WATER TO THE MODIFIED RETENTION AREA.
 5. REMOVE THE PHASE 1 - 2 STORMWATER CONTROL STRUCTURE AND SPREADER SWALE.
 6. FOLLOWING THE COMPLETION OF THE STABILIZATION OF THE PERMANENT RETENTION AREA, REMOVE THE EROSION AND TURBIDITY CONTROL AT THE PERIMETER OF THE PAD.

PENINSULA ENGINEERING

CIVIL ENGINEERING - LANDSCAPE ARCHITECTURE
ENVIRONMENTAL CONSULTING - LAND PLANNING
SITE PLANNING - CONSTRUCTION MANAGEMENT - OWNER REPRESENTATIVE

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Email: info@pen-eng.com Website: www.pen-eng.com
Florida Engineering Certificate of Authorization #28275
Florida Landscape Certificate of Authorization #C26000632

PROJECT:

TAMIAMI ACCESS ROAD AND PAD NPS

TITLE:

PRODUCTION PAD PHASING PLAN

OWNER/CLIENT/CONSULTANT:

BURNETT OIL CO., INC.

REVISIONS:

No.	Revision	Date
1	REVISED PER PDOP COMMENTS DATED ON 02/19/21	07/15/21
2	REVISED PRODUCTION PAD EQUIPMENT LAYOUT PER OWNER, ADDED LOADING PAD AND PER PDOP COMMENTS DATED 06/25/21	11/22/21

NOTES:

PROFESSIONAL SEALS:

PROFESSIONAL ENGINEER: DAN WATERS, P.E.
FLORIDA LICENSE NUMBER: 60746

DANIEL F. WATERS
LICENSE No. 60746
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM OF 1988)
Bar Scale: 1" = 50'
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

SEC 35-36 TWP 51S RGE 34E
City NAPLES County COLLIER

Designed by: DAN WATERS, P.E.
Drawn by: ALEJANDRO AVILA
Date: NOVEMBER 2020
Horizontal Scale: 1" = 50'
Vertical Scale: N.T.S.
Project Number: P-BURN-001-001
File Number: P-BURN-001-003-126SP
Sheet Number: 09 of 14



TAMIAMI TRAIL E



CIVIL ENGINEERING · LANDSCAPE ARCHITECTURE ·
ENVIRONMENTAL CONSULTING · LAND PLANNING ·
SITE PLANNING · CONSTRUCTION MANAGEMENT ·
OWNER REPRESENTATIVE

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Email: info@pen-eng.com Website: www.pen-eng.com
Florida Engineering Certificate of Authorization #28275
Florida Landscape Certificate of Authorization #LC26000632

PROJECT:

TAMIAMI
ACCESS ROAD
AND PAD NPS

TITLE:

LOADING PAD PLAN

OWNER/CLIENT/CONSULTANT:

BURNETT OIL CO., INC.

REVISIONS:

1" SCALE = 10,000'

DADE COLLEGE TRAINING AND TRANSITION AIRPORT

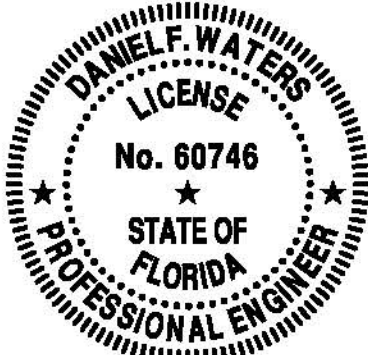
ELEVEN MILE ROAD

TAMMAM TRAIL

PLAN LOCATION

PROFESSIONAL SEALS

PROFESSIONAL ENGINEER: DAN WATERS, P.E.
FLORIDA LICENSE NUMBER: 80746



DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988).



SEC:35-36 TWP:51S RGE: 34E

City: **NAPLES** County: **COLLIER**Designed by: **DAN WATERS, P.E.**

Drawn by: **ALEJANDRO AVILA**

Date: NOVEMBER 2020

Horizontal Scale: $1'' = 60'$

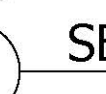
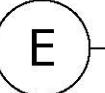
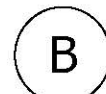
Vertical Scale: N.T.S.

Project Number: P-BURN-001-001

File Number: P-BURN-001-003-127SP

C-127

Sheet Number: 10 of 14



HIGH WATER SPILLWAY DIMENSION DETAILS



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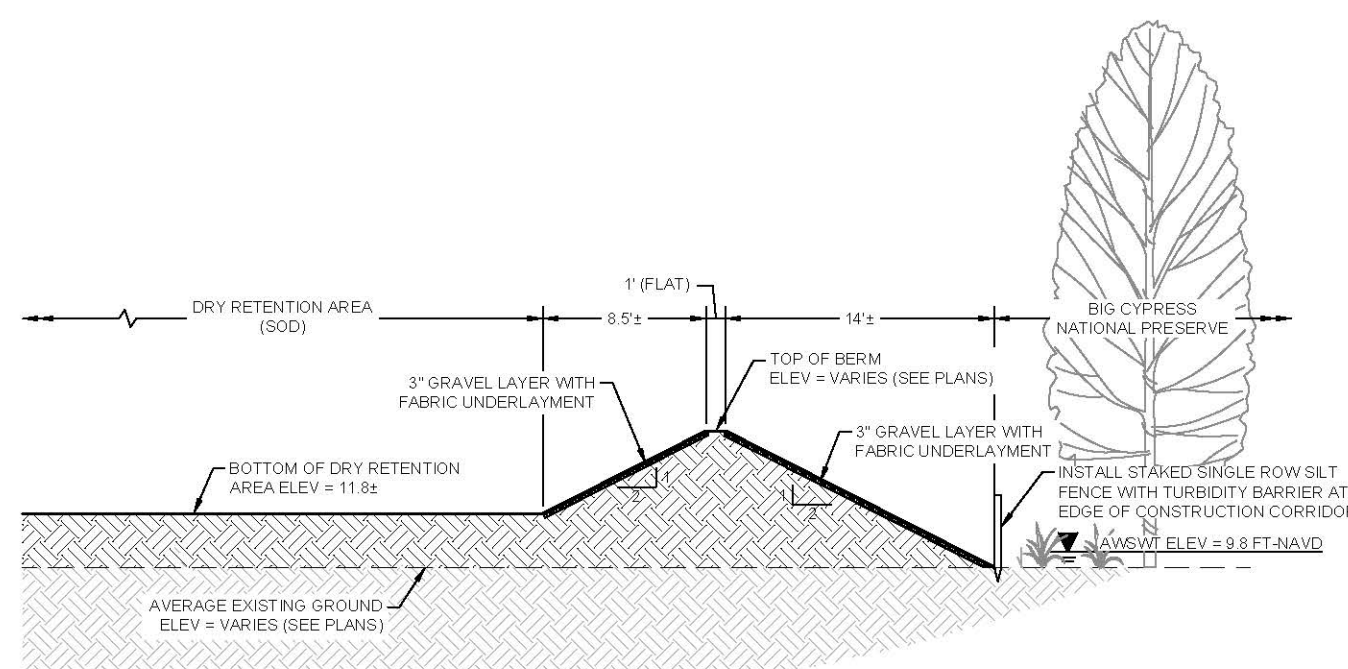
OWNER/CLIENT/CONSULTANT:

REVISIONS:

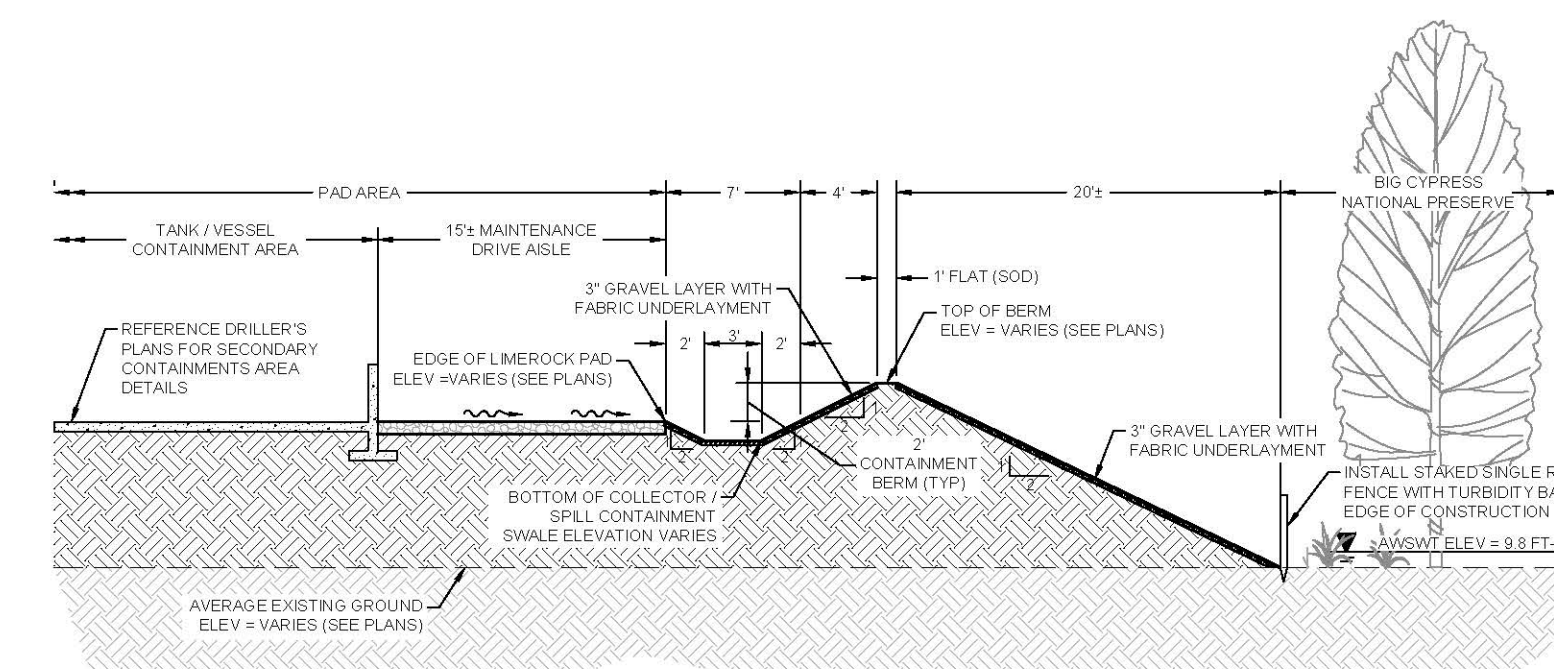
NOTES:

SEC: 35-36	TWP: 51S	RGE: 34E
City: NAPLES	County:	COLLIER
Designed by:	DAN WATERS, P. E.	
Drawn by:	ALEJANDRO AVILA	
Date:	NOVEMBER 2020	
Horizontal Scale:	N.T.S.	
Vertical Scale:	N.T.S.	
Project Number:	P-BURN-001-001	
File Number:	P-BURN-001-003-501DD	
C-501		
Sheet Number:	11	of 14

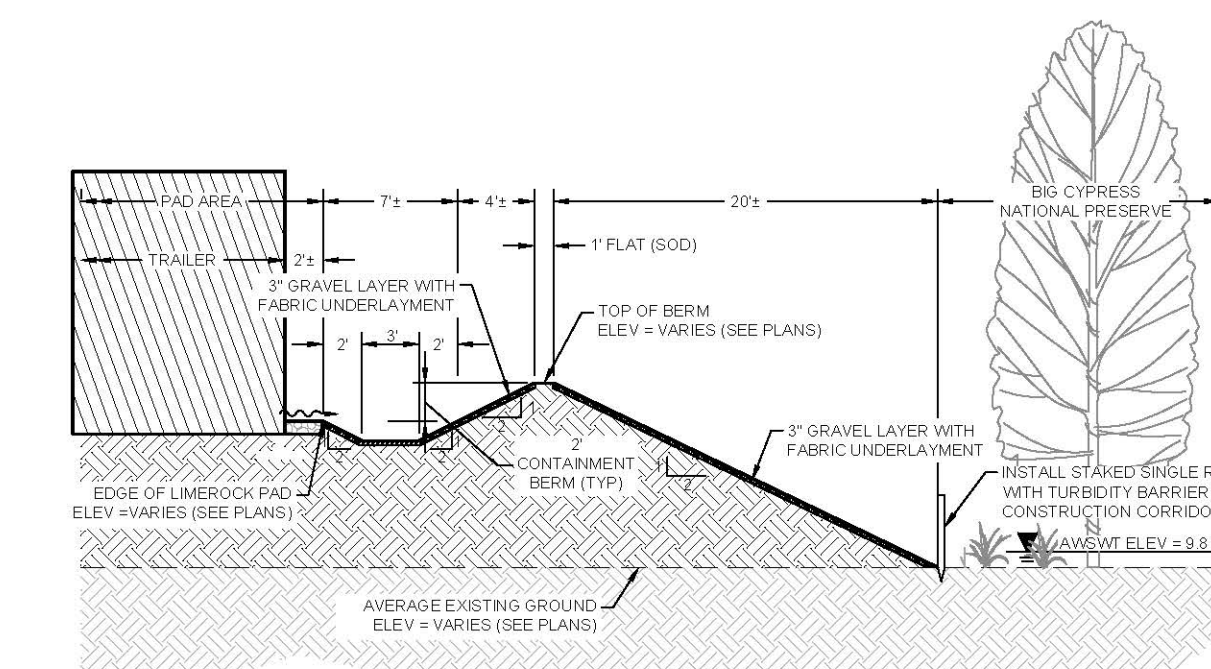
E
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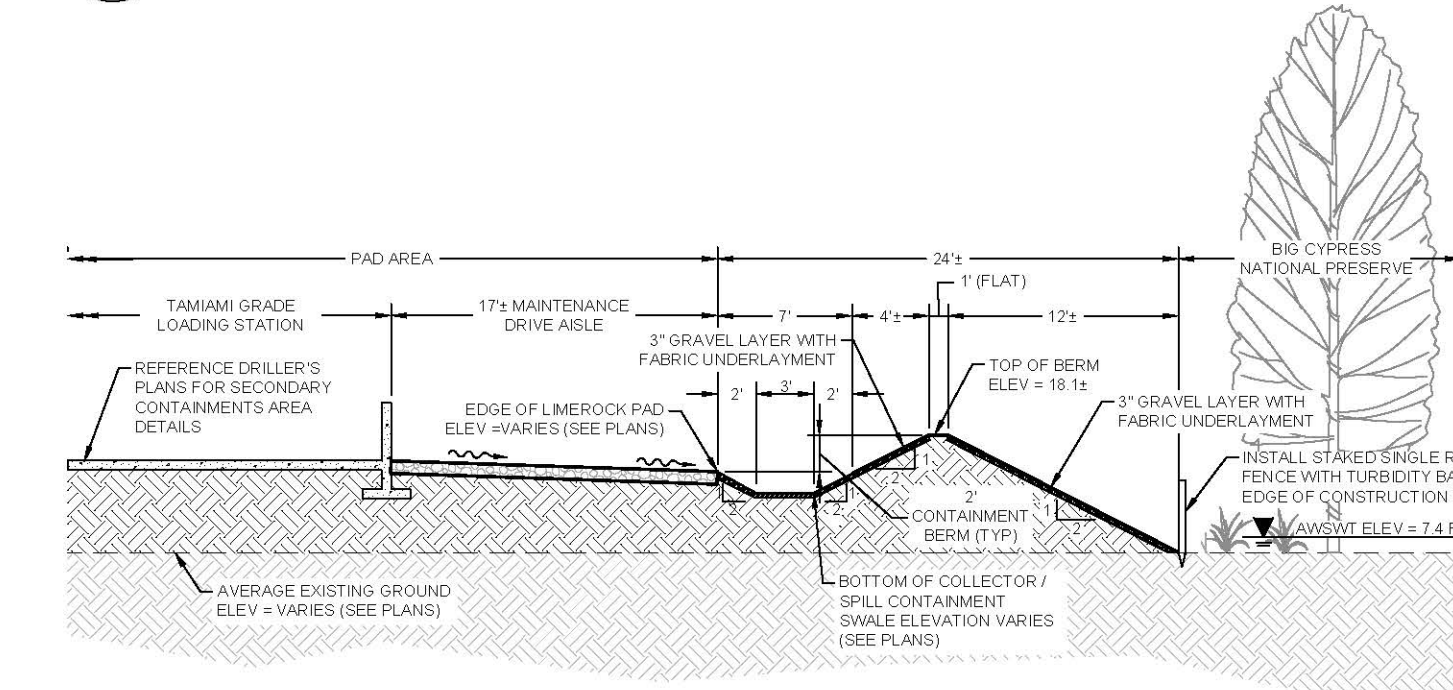
SECTION F
SCALE: 1" = 10'



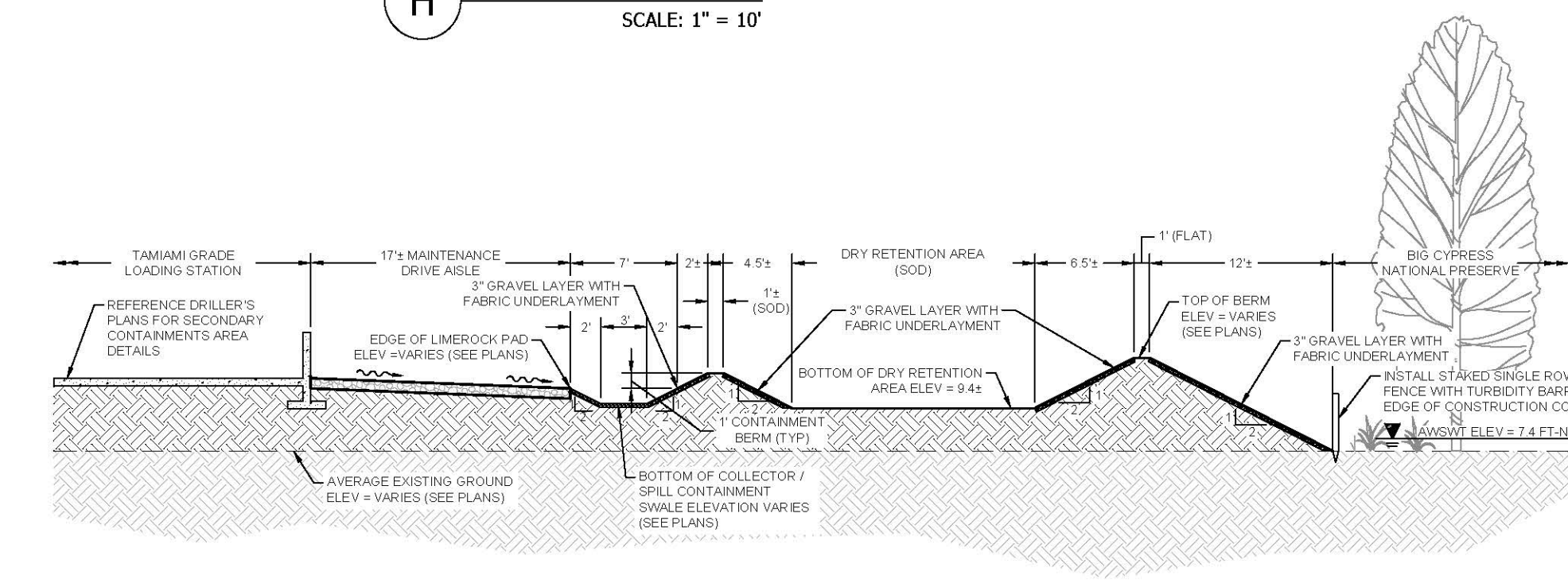
SECTION G
SCALE: 1" = 10'



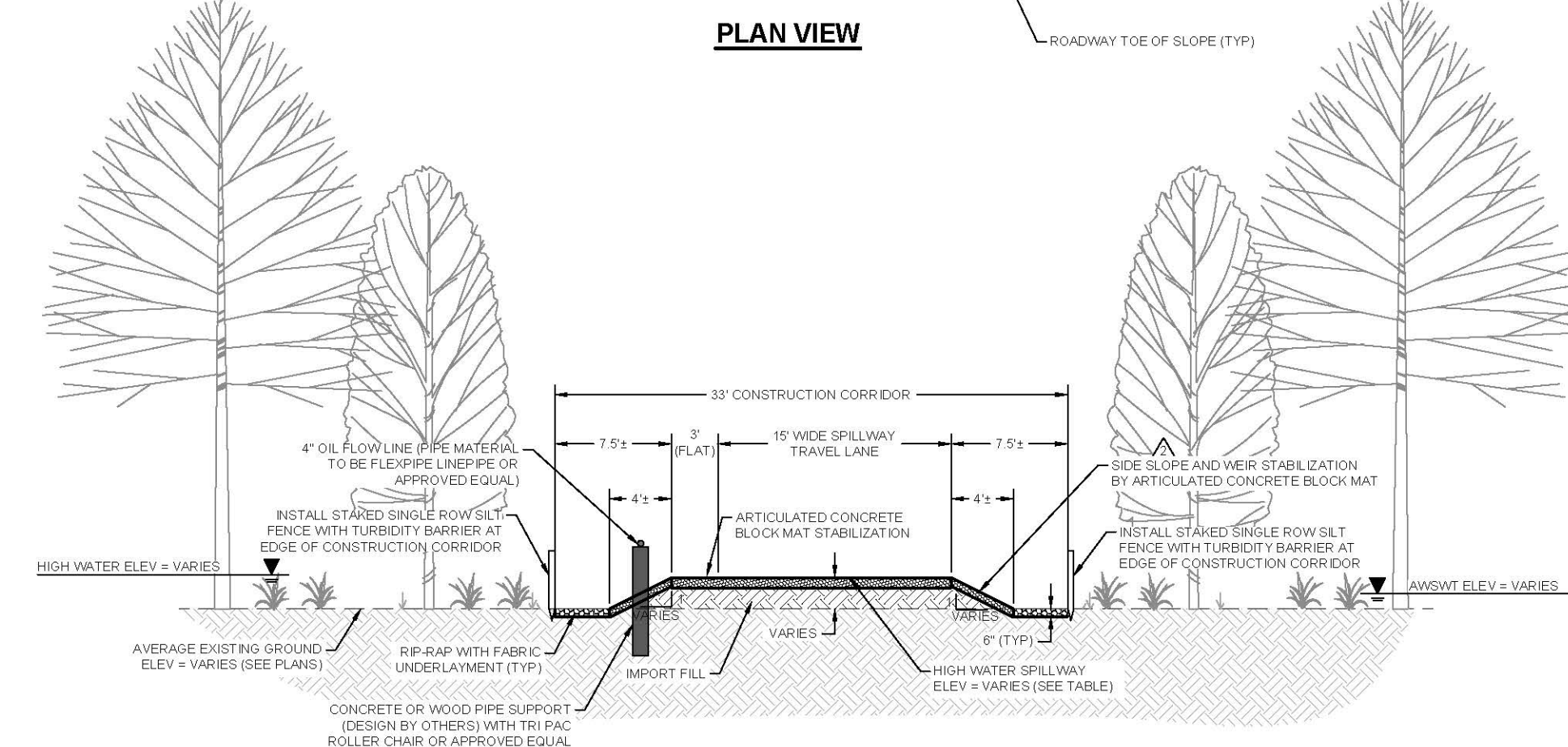
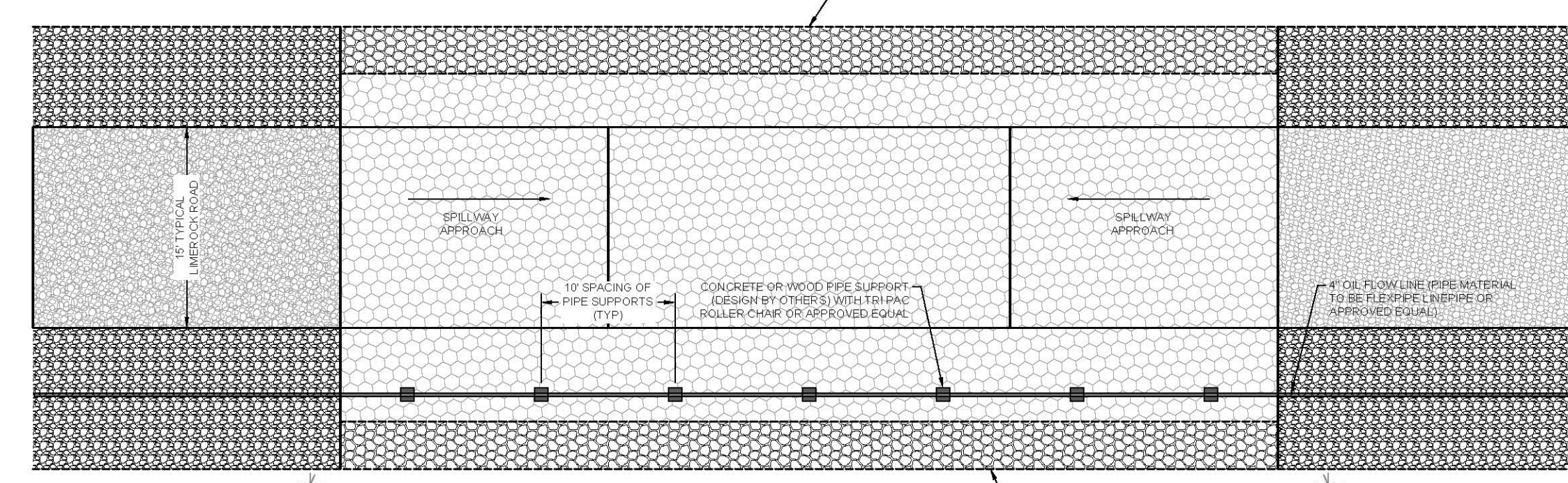
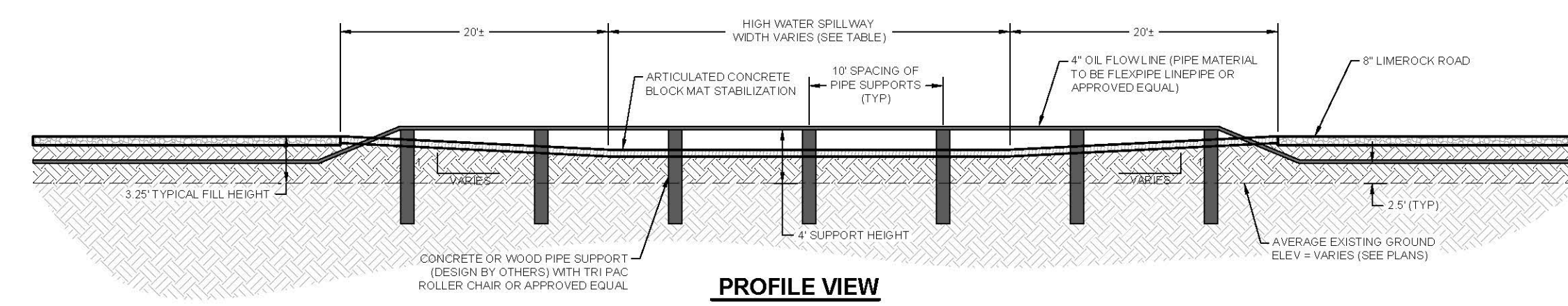
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SCALE: 1" = 10'



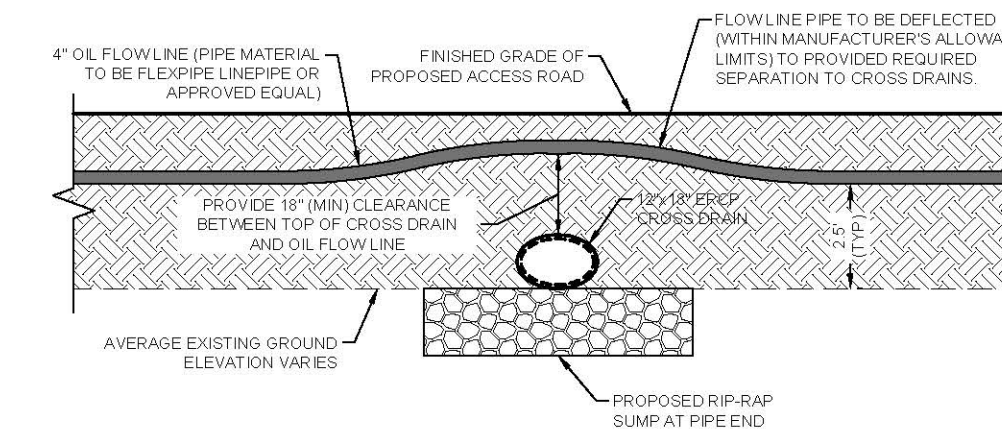
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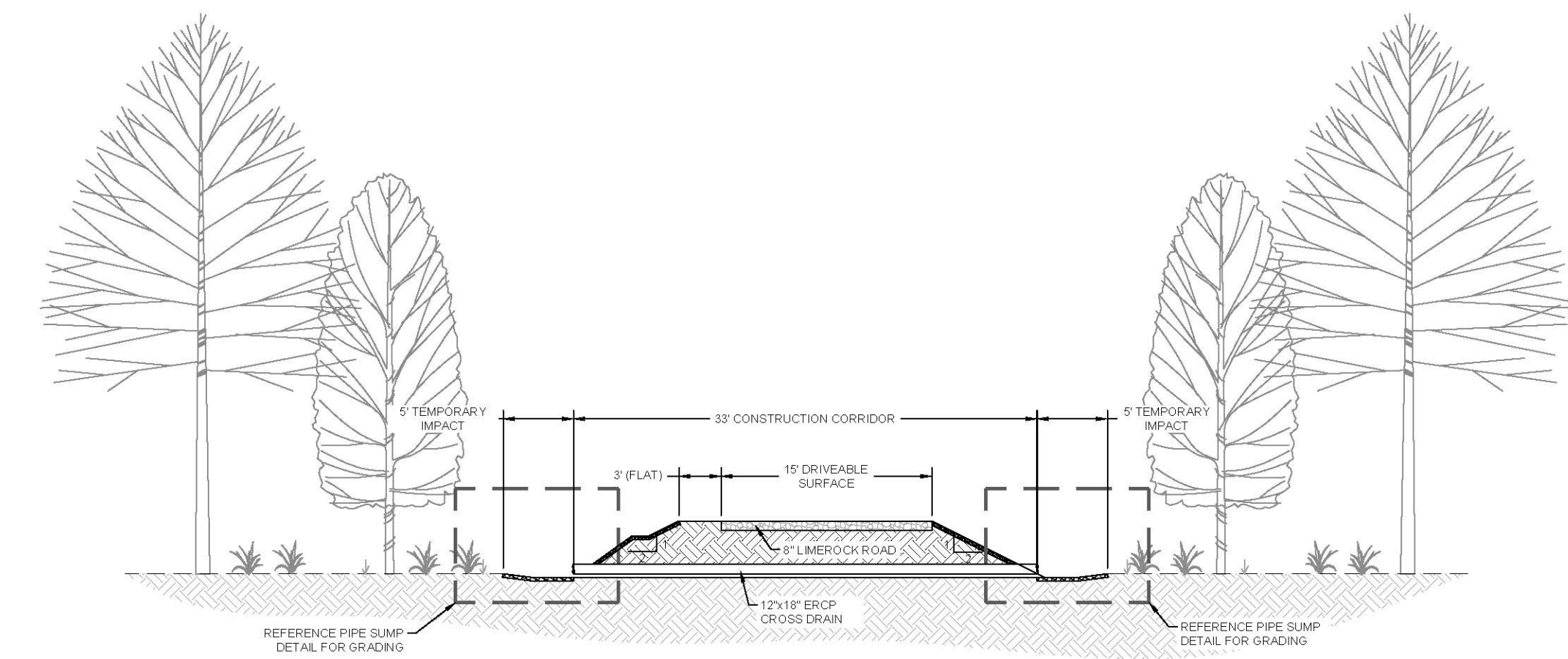
SECTION J
SCALE: 1" = 10'



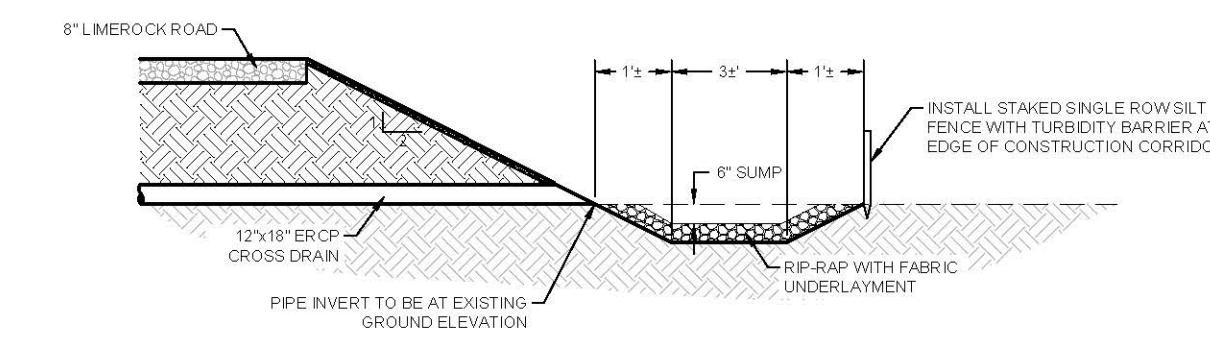
AERIAL FLOW LINE CROSSING OF HIGH WATER SPILLWAY DETAIL
N.T.S.



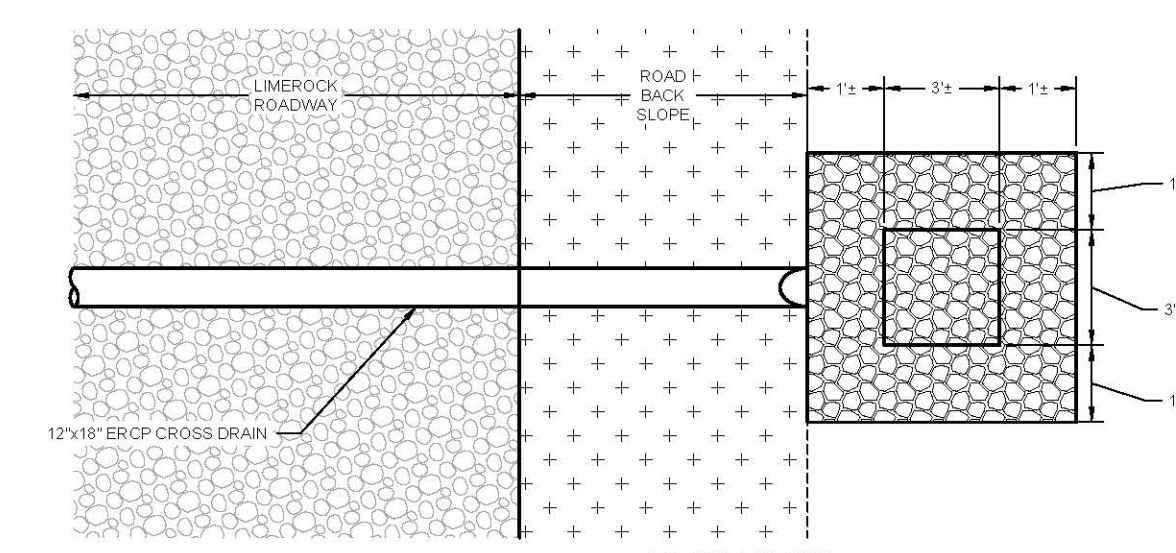
OIL FLOW LINE CROSSING OF CROSS DRAIN DETAIL
N.T.S.



TYPICAL CROSS DRAIN DETAIL
N.T.S.



SECTION VIEW



PIPE SUMP DETAIL
N.T.S.

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Email: info@pen-eng.com Website: www.pen-eng.com
Florida Engineering Certificate of Authorization #20275
Florida Landscape Certificate of Authorization #LC26000632

PROJECT:

TAMIAMI
ACCESS ROAD
AND PAD NPS

TITLE:

CROSS SECTIONS AND
DETAILS (B)

OWNER/CLIENT/CONSULTANT:

BURNETT OIL CO., INC.

REVISIONS:

No.	Revision	Date
1	REVISED PER FDEP COMMENTS DATED ON 02/19/21	07/15/21
2	REVISED PRODUCTION PAD EQUIPMENT LAYOUT PER OWNER, ADDED LOADING PAD AND PER FDEP COMMENTS DATED 06/25/21	11/22/21

NOTES:

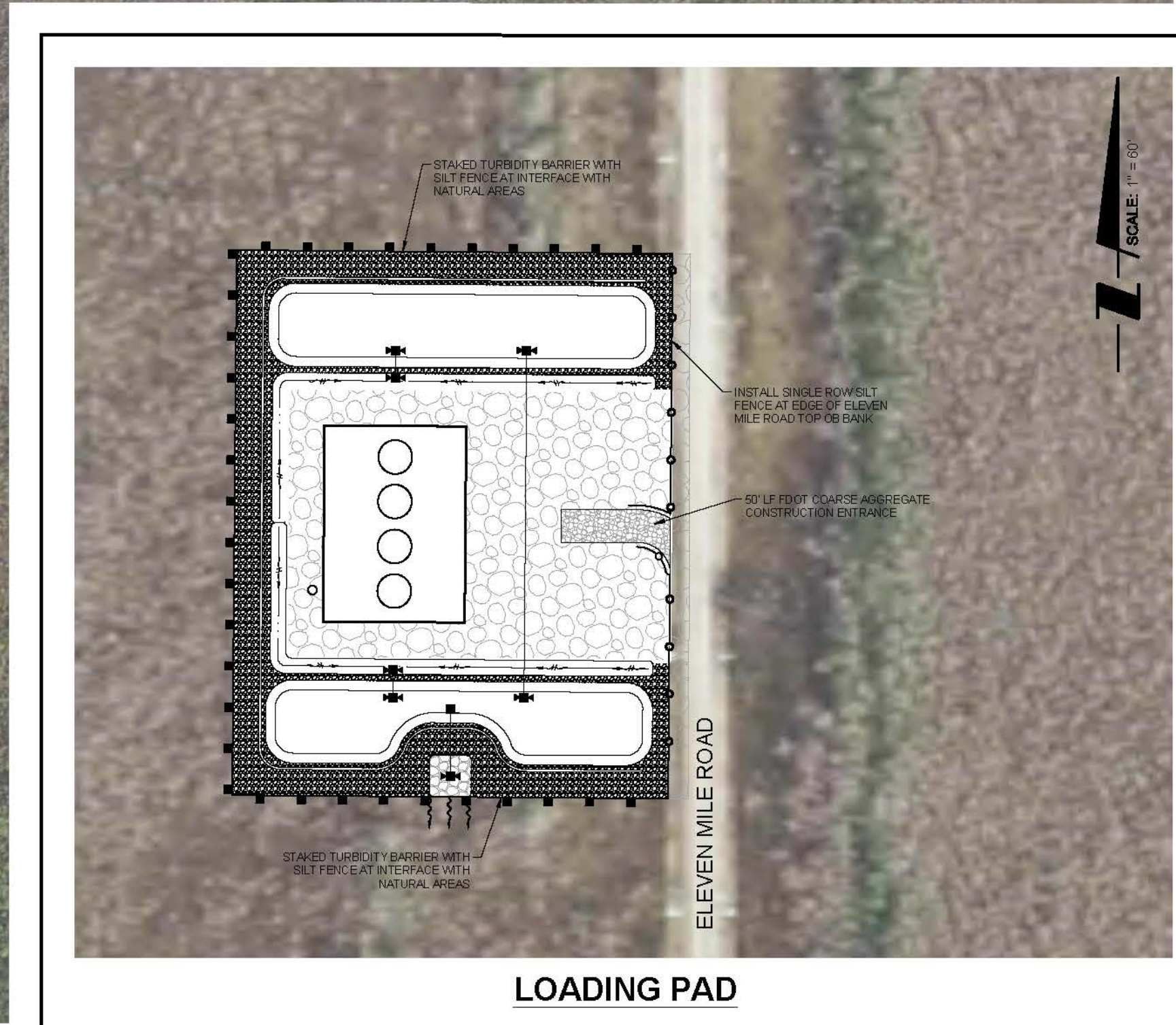
PROFESSIONAL SEALS:

PROFESSIONAL ENGINEER: DAN WATERS, P.E.
FLORIDA LICENSE NUMBER: 60746

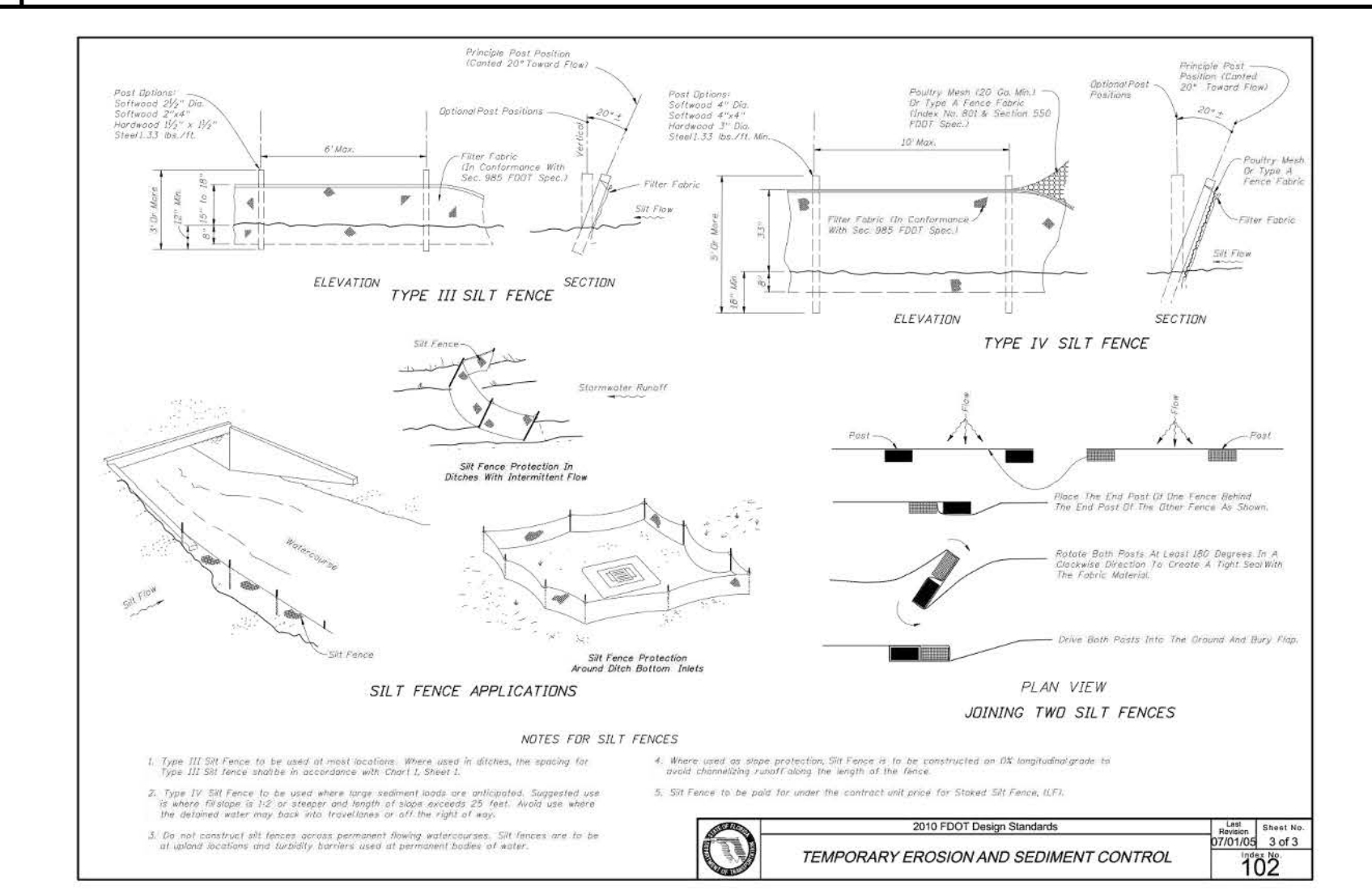
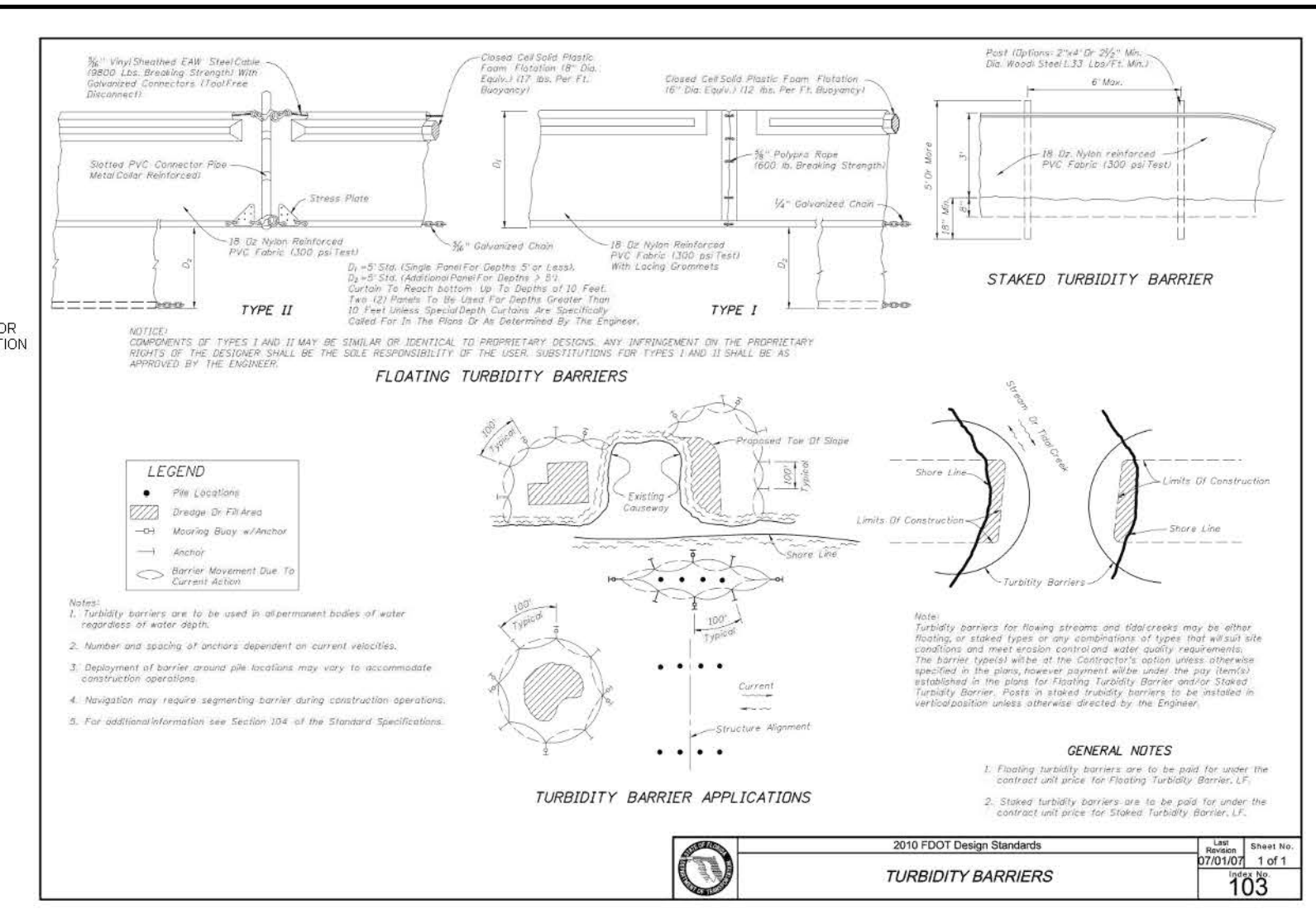
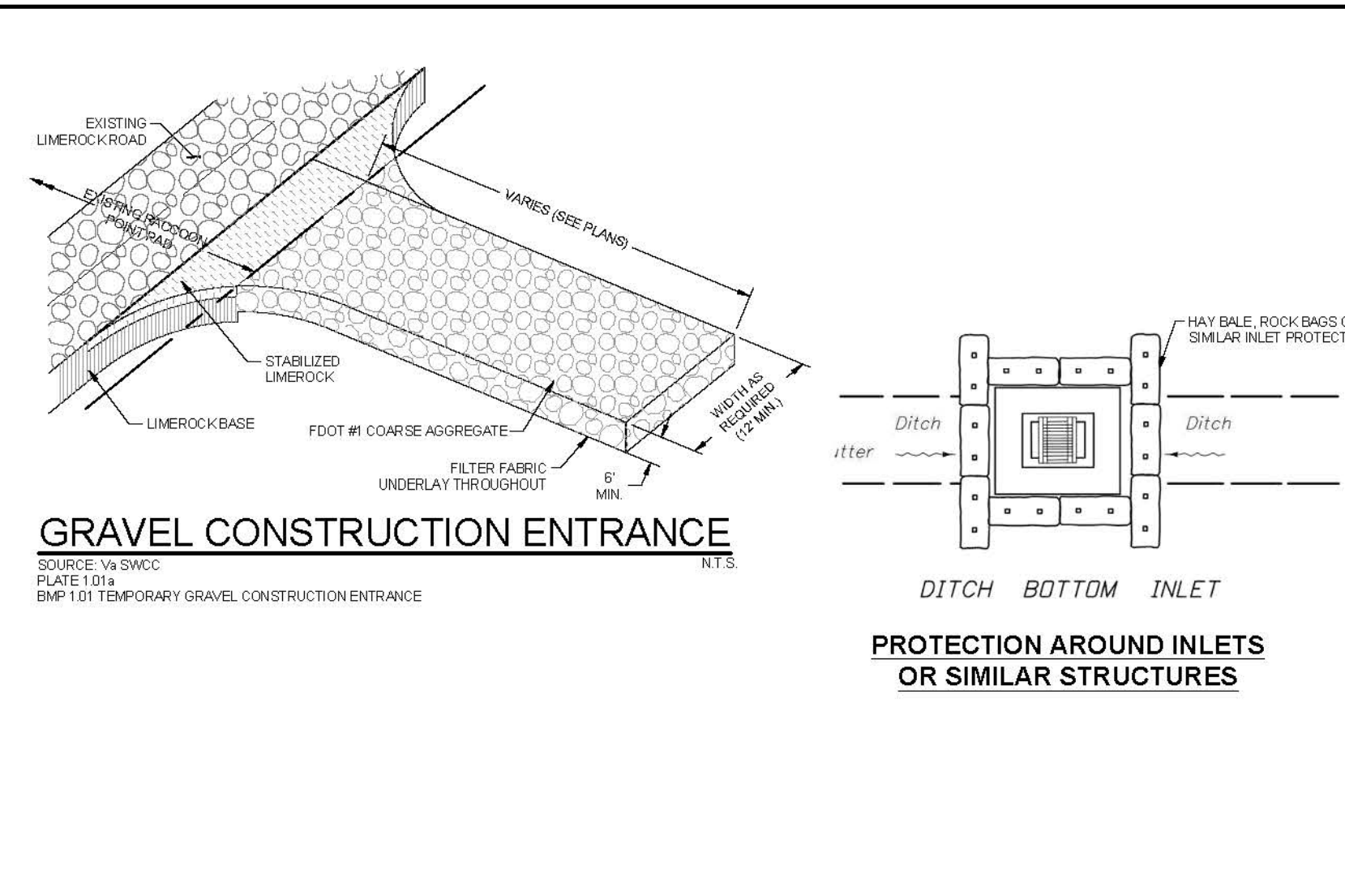
DANIEL F. WATERS
LICENSE
No. 60746
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM OF 1988)

SEC: 35-36 TWP: 51S RGE: 34E
City: NAPLES County: COLLIER
Designed by: DAN WATERS, P.E.
Drawn by: ALEJANDRO AVILA
Date: NOVEMBER 2020
Horizontal Scale: N.T.S.
Vertical Scale: N.T.S.
Project Number: P-BURN-001-001
File Number: P-BURN-001-003-502DD
C-502
Sheet Number: 12 of 14



- GENERAL SHEET NOTES**
- PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY APPROPRIATE EROSION CONTROL DEVICES SHALL BE INSTALLED TO CONTROL AND REDUCE SOIL EROSION AND SEDIMENT TRANSPORT TO OFF-SITE AREAS. THE CONTRACTOR SHALL MAINTAIN THESE DEVICES THROUGHOUT THE DURATION OF CONSTRUCTION. ALL DEVICES SHALL REMAIN IN PLACE UNTIL THE SURROUNDING AREAS ARE ESTABLISHED.
 - THE FOLLOWING MINIMUM REQUIREMENTS ARE RECOMMENDED:
(REFERENCE FLORIDA DEVELOPMENT MANUAL, FOOT, PRO-6-101 TO 6-500)
A) BMP 1.01 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
B) BMP 1.05 STRAW BALE BARRIER
C) BMP 1.06 SILT FENCE
D) BMP 1.08 STORM INLET DRAIN PROTECTION
 - THESE BEST MANAGEMENT PRACTICES (BMP) ARE TYPICAL OF REQUIREMENTS FOR SOIL EROSION CONTROL PER DIVISION 17 OF THE COLLIER COUNTY LAND DEVELOPMENT CODE. THEY MAY NOT CONSTITUTE COMPLETE REQUIREMENTS FOR COMPLIANCE WITH REGULATORY AGENCIES AND SPECIFIC PERMIT CONDITIONS.
 - THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FROM THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY. ACCORDINGLY, THE CONTRACTOR IS ALSO RESPONSIBLE FOR CREATING, IMPLEMENTING AND MAINTAINING A STORM WATER POLLUTION PREVENTION PLAN AS PER THE REQUIREMENTS OF THE NPDES GENERAL PERMIT AND ALL OTHER APPLICABLE PERMITS.
 - THIS PLAN IS A CONCEPT PREPARED TO DEMONSTRATE ONE APPROACH TO PROVIDING EROSION CONTROL FOR THE PROJECT. AS REQUIRED BY REVIEW AGENCY FOR PERMITTING PURPOSES, THE SITE GENERAL CONTRACTOR MAY PROVIDE AN ALTERNATIVE PLAN AT THE TIME OF NPDES PERMITTING AND PRIOR TO CONSTRUCTION. IF AN ALTERNATIVE PLAN IS PROPOSED, IT SHALL BE REVIEWED WITH ALL RELEVANT PERMITTING AGENCIES AND THE PERMIT WILL BE MODIFIED IF NECESSARY.



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Email: info@pen-eng.com Website: www.pen-eng.com
Florida Engineering Certificate of Authorization #28373
Florida Landscape Certificate of Authorization #LC26000632

PROJECT:

TAMIAMI ACCESS ROAD AND PAD NPS

TITLE:

NPDES DISCHARGE CONTROL PLAN AND DETAILS

OWNER/CLIENT/CONSULTANT:

BURNETT OIL CO., INC.

REVISIONS:

No.	Revision	Date
1	REVISED PER FDEP COMMENTS DATED ON 02/19/21	07/15/21
2	REVISED PRODUCTION PAD EQUIPMENT LAYOUT PER OWNER, ADDED LOADING PAD AND PER FDEP COMMENTS DATED 02/25/21	11/02/21

NOTES:

LEGEND

- STAKED TURBIDITY BARRIER WITH SILT FENCE
- SINGLE ROW SILT FENCE

PROFESSIONAL SEALS:

PROFESSIONAL ENGINEER: DAN WATERS, P.E.
FLORIDA LICENSE NUMBER: 60746

DANIEL F. WATERS
LICENSE No. 60746
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DATUM NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM OF 1988)

AS SHOWN:

SEC 35-36 TWP. 51S RGE 34E
City: NAPLES County: COLLIER
Designed by: DAN WATERS, P.E.
Drawn by: ALEJANDRO AVILA
Date: NOVEMBER 2020
Horizontal Scale: 1" = 300'
Vertical Scale: N.T.S.
Project Number: P-BURN-001-001
File Number: P-BURN-001-003-701EC
Sheet Number: 14 of 14