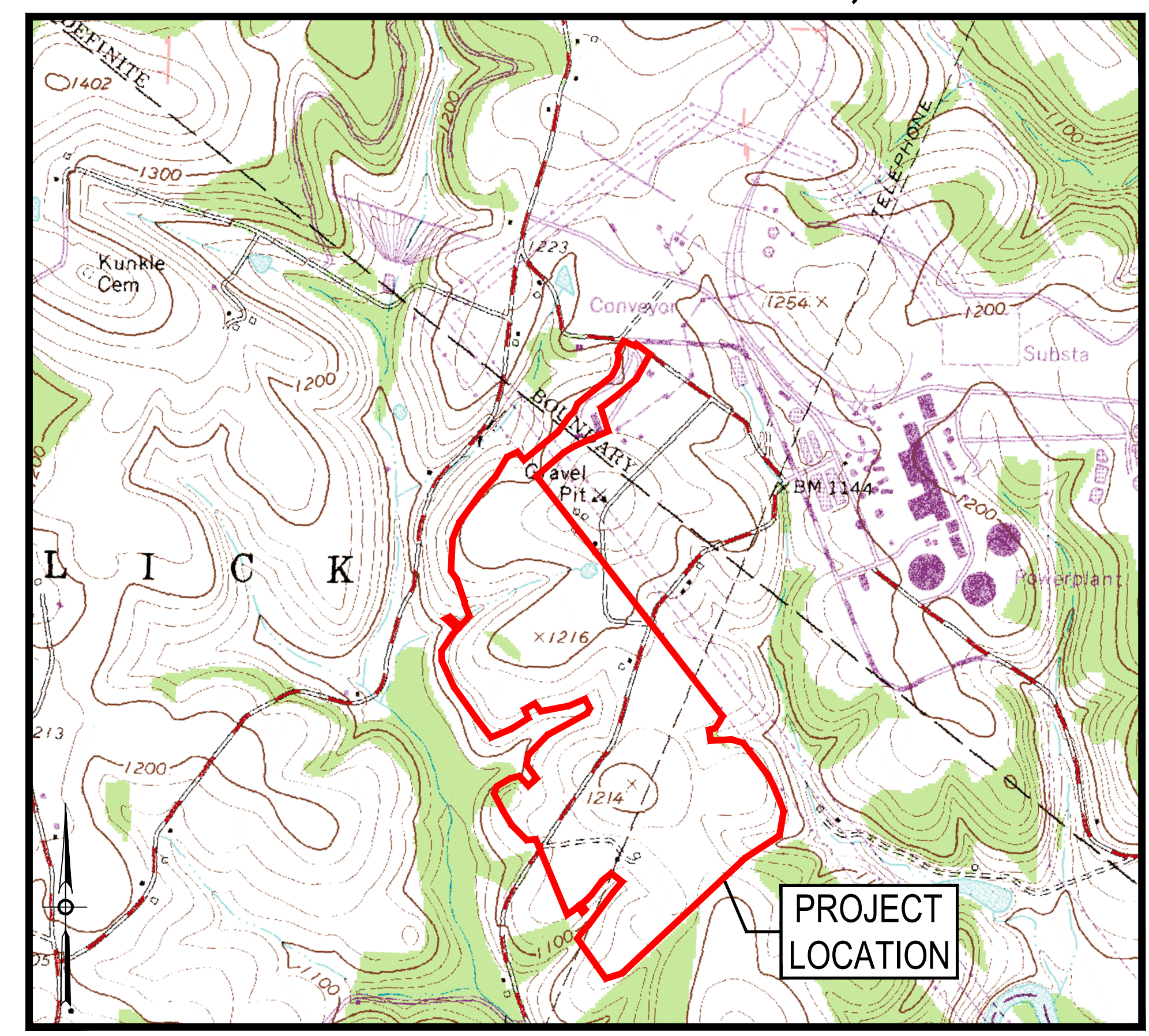


WEST FIELD

POST CONSTRUCTION STORMWATER MANAGEMENT / SITE RESTORATION PLANS

HOMER CITY, PA

BLACKLICK & CENTER TOWNSHIPS, INDIANA COUNTY

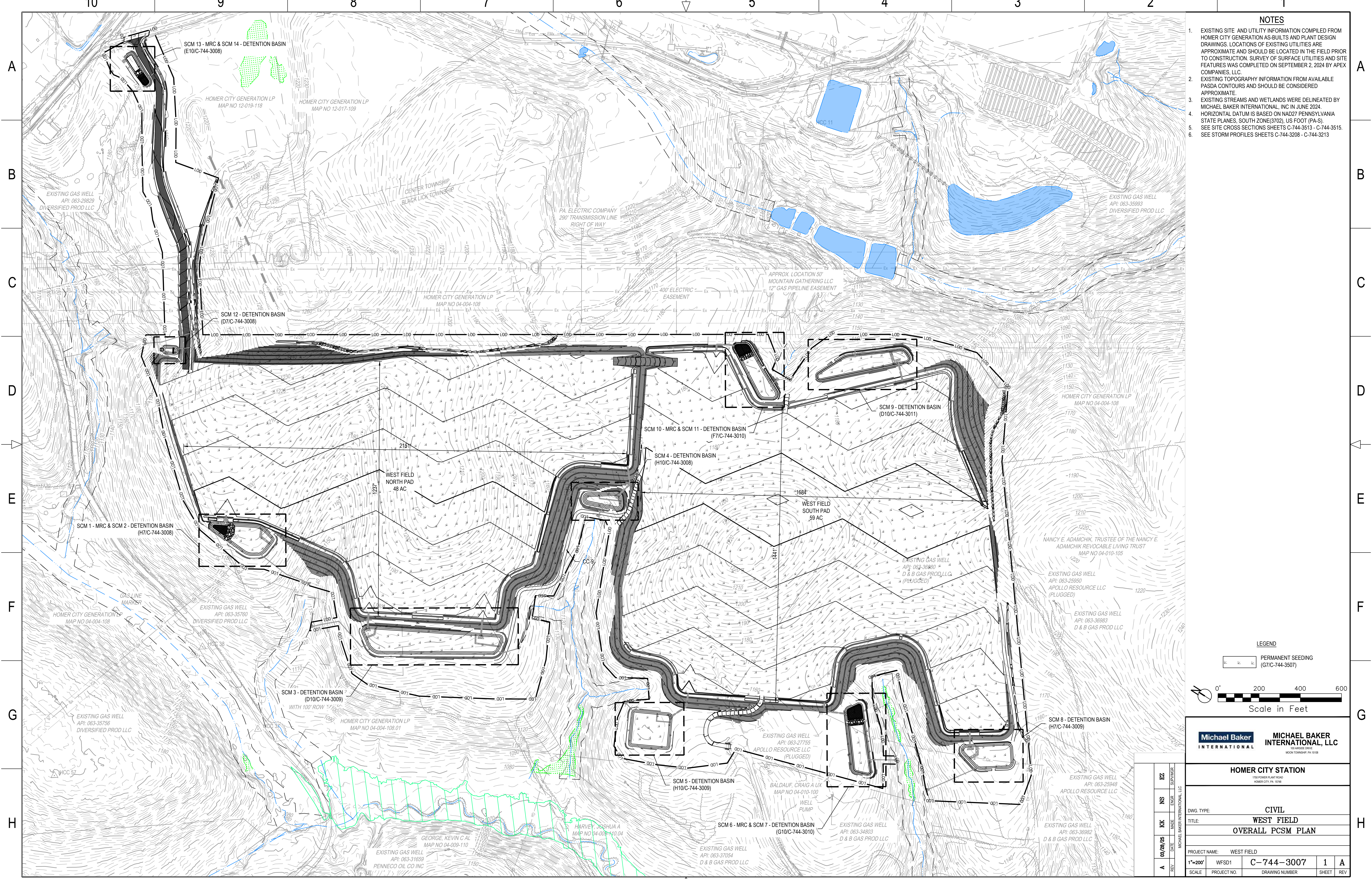


LOCATION MAP
INDIANA QUADRANGLE, 7.5-MINUTE SERIES
1" = 1,000'

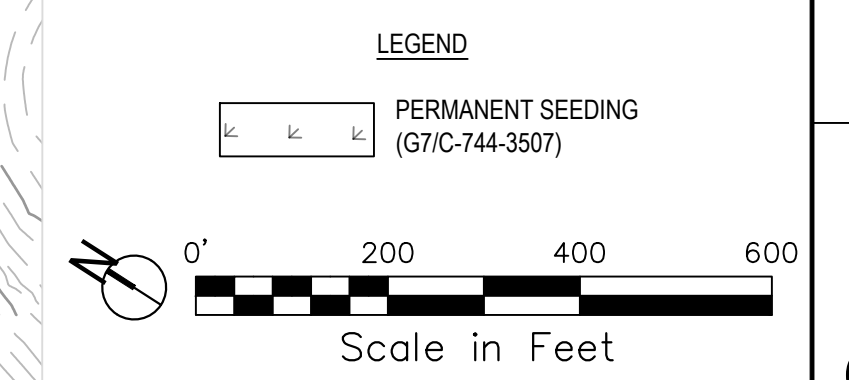
MARCH 28, 2025

SHEET INDEX		
POST CONSTRUCTION STORMWATER MANAGEMENT DRAWINGS		
NO.	TITLE	REVISION
C-744-3007	OVERALL PCSM GRADING PLAN	A
C-744-3008	ENLARGED PCSM PLAN	A
C-744-3009	ENLARGED PCSM PLAN	A
C-744-3010	ENLARGED PCSM PLAN	A
C-744-3011	ENLARGED PCSM PLAN	A
C-744-3012	SITE PLAN	A
C-744-3511	ROADWAY AND COVER DETAILS	A
C-744-3512	PCSM DETAILS	A
C-744-3513	PCSM SECTIONS	A
C-744-3514	PCSM SECTIONS	A
C-744-3515	PCSM SECTIONS	A

Michael Baker INTERNATIONAL		MICHAEL BAKER INTERNATIONAL, LLC <small>150 ARSDE DRIVE BLACK TOWNSHIP, PA 15108</small>	
HOMER CITY STATION <small>1750 POWER PLANT ROAD HOMER CITY, PA 15106</small>			
DWG. TYPE:		GENERAL	
TITLE:		COVER SHEET	
PROJECT NAME: WEST FIELD			
NTS	WFS01	G-001-1003	1
SCALE	PROJECT NO.	DRAWING NUMBER	SHEET REV



- NOTES**
- EXISTING SITE AND UTILITY INFORMATION COMPILED FROM HOMER CITY GENERATION AS-BUILTS AND PLANT DESIGN DRAWINGS. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. SURVEY OF SURFACE UTILITIES AND SITE FEATURES WAS COMPLETED ON SEPTEMBER 2, 2024 BY APEX COMPANIES, LLC.
 - EXISTING TOPOGRAPHY INFORMATION FROM AVAILABLE PASDA CONTOURS AND SHOULD BE CONSIDERED APPROXIMATE.
 - EXISTING STREAMS AND WETLANDS WERE DELINEATED BY MICHAEL BAKER INTERNATIONAL, INC IN JUNE 2024.
 - HORIZONTAL DATUM IS BASED ON NAD27 PENNSYLVANIA STATE PLANES, SOUTH ZONE(3702), US FOOT (PA-S).
 - SEE SITE CROSS SECTIONS SHEETS C-744-3513 - C-744-3515.
 - SEE STORM PROFILES SHEETS C-744-3208 - C-744-3213



Michael Baker INTERNATIONAL		MICHAEL BAKER INTERNATIONAL, LLC	
HOMER CITY STATION			
1700 POWER PLANT ROAD HOMER CITY, PA 15106			
DWG. TYPE:		CIVIL	
TITLE:		WEST FIELD	
		OVERALL PCSM PLAN	
PROJECT NAME: WEST FIELD			
1"=200'	WFS01	C-744-3007	1 A
SCALE	PROJECT NO.	DRAWING NUMBER	SHEET REV

10

9

8

7

6

5

4

3

2

1

A

B

C

D

E

F

G

H

A

B

C

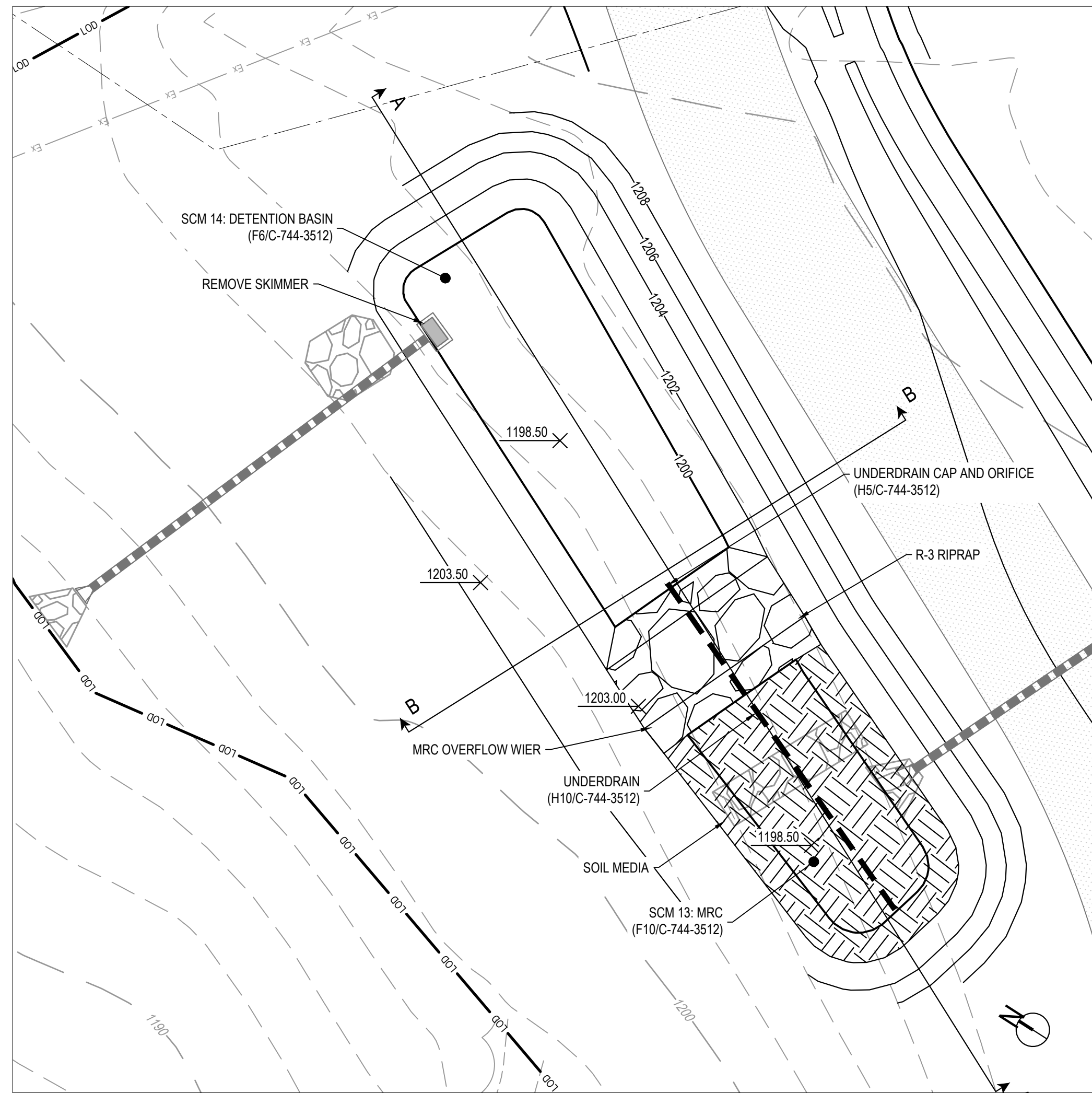
D

E

F

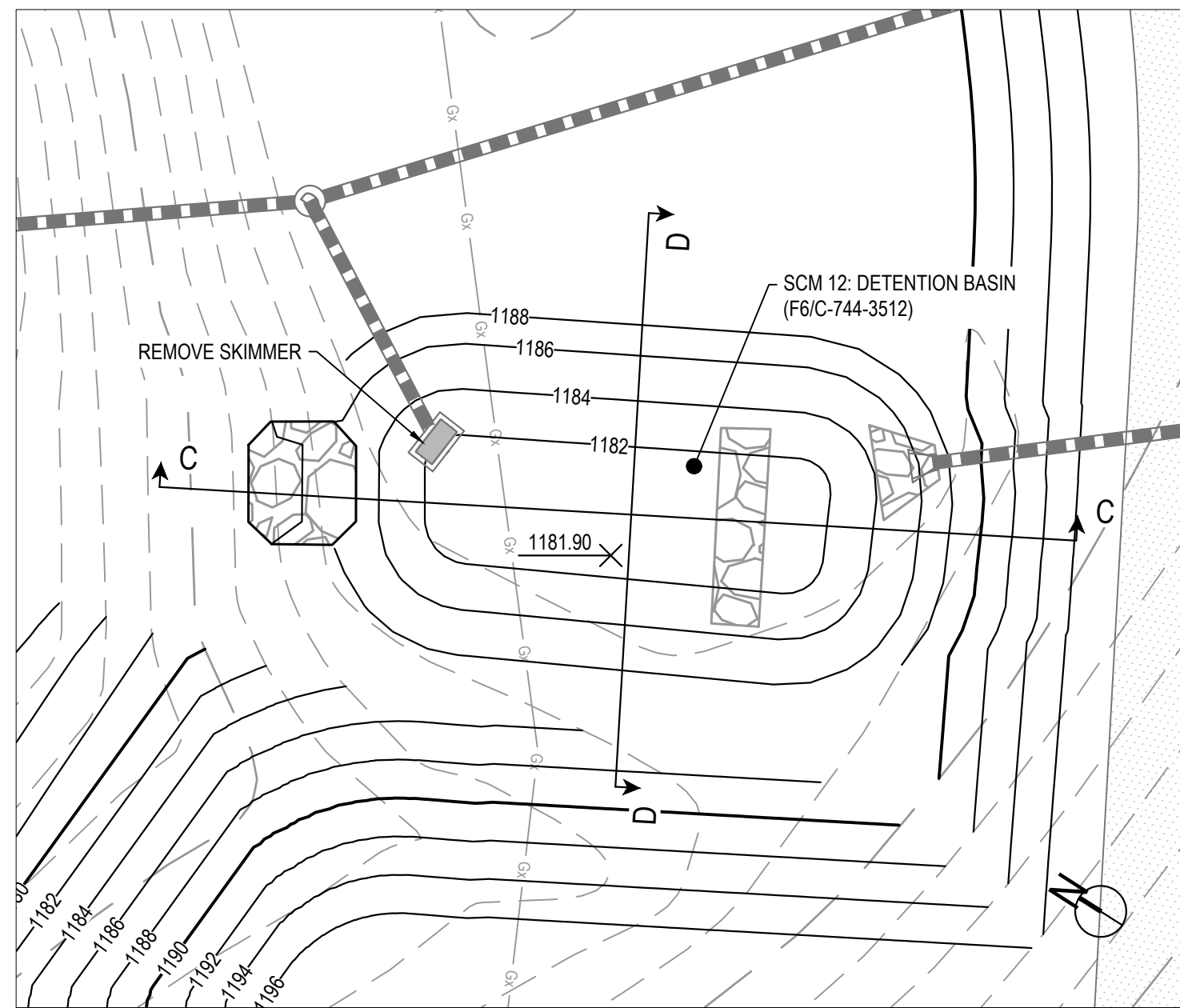
G

H



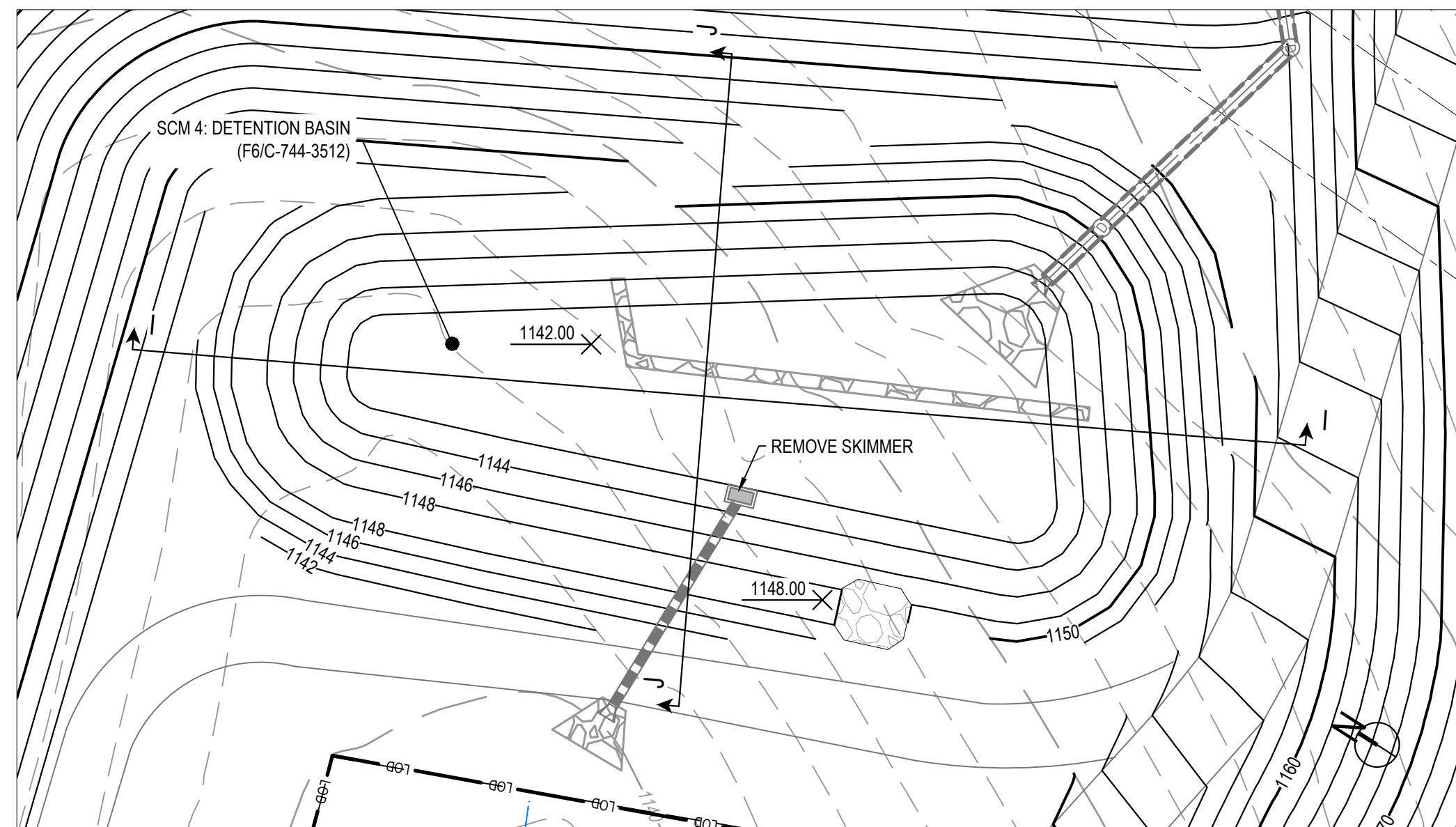
E10 ENLARGED PLAN - SCM 13 - MRC & SCM 14 - DETENTION BASIN

SCALE: 1"=20'



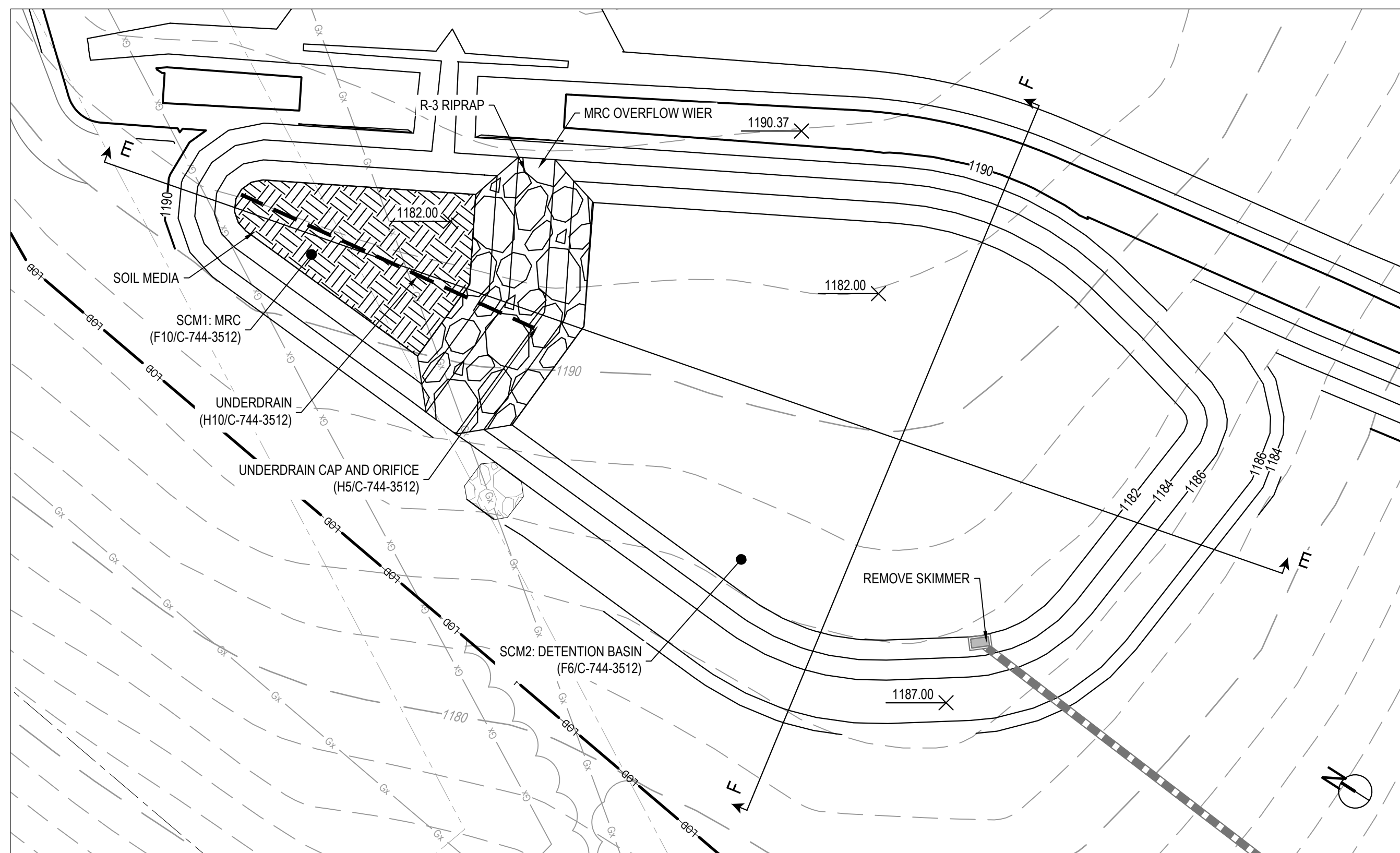
D7 ENLARGED PLAN - SCM 12 - DETENTION BASIN

SCALE: 1"=20'



H10 ENLARGED PLAN - SCM 4 - DETENTION BASIN

SCALE: 1"=30'



H7 ENLARGED PLAN - SCM 1 - MRC & SCM 2 - DETENTION BASIN

SCALE: 1"=30'

NOTES

- EXISTING SITE AND UTILITY INFORMATION COMPILED FROM HOMER CITY GENERATION AS-BUILTS AND PLANT DESIGN DRAWINGS. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. SURVEY OF SURFACE UTILITIES AND SITE FEATURES WAS COMPLETED ON SEPTEMBER 2, 2024 BY APEX COMPANIES, LLC.
- EXISTING TOPOGRAPHY INFORMATION FROM AVAILABLE PASDA CONTOURS AND SHOULD BE CONSIDERED APPROXIMATE.
- EXISTING STREAMS AND WETLANDS WERE DELINEATED BY MICHAEL BAKER INTERNATIONAL, INC IN JUNE 2024.
- HORIZONTAL DATUM IS BASED ON NAD27 PENNSYLVANIA STATE PLANES, SOUTH ZONE(3702), US FOOT (PA-S).
- SEE SITE CROSS SECTIONS SHEETS C-744-3513 - C-744-3515.
- SEE STORM PROFILES SHEETS C-744-3208 - C-744-3213



Scale in Feet



Scale in Feet

Michael Baker INTERNATIONAL
MICHAEL BAKER INTERNATIONAL, LLC
 100 ARCADE DRIVE
 HUNTERTOWN, PA 15108

HOMER CITY STATION
 1750 POWER PLANT ROAD
 HOMER CITY, PA 15106

DWG. TYPE: **CIVIL**
 TITLE: **WEST FIELD ENLARGED PCSM PLAN**

PROJECT NAME:	WEST FIELD			
AS SHOWN	WFS01	C-744-3008	1	A
SCALE	PROJECT NO.	DRAWING NUMBER	SHEET	REV

10

9

8

7

6

5

4

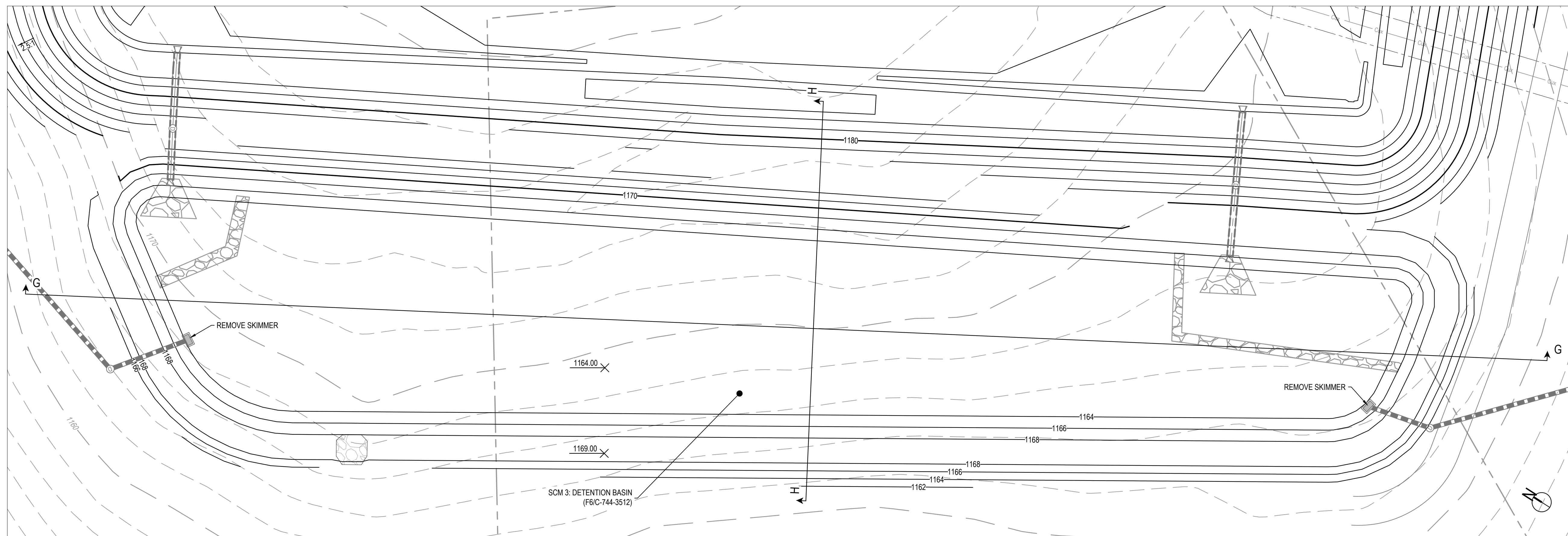
3

2

1

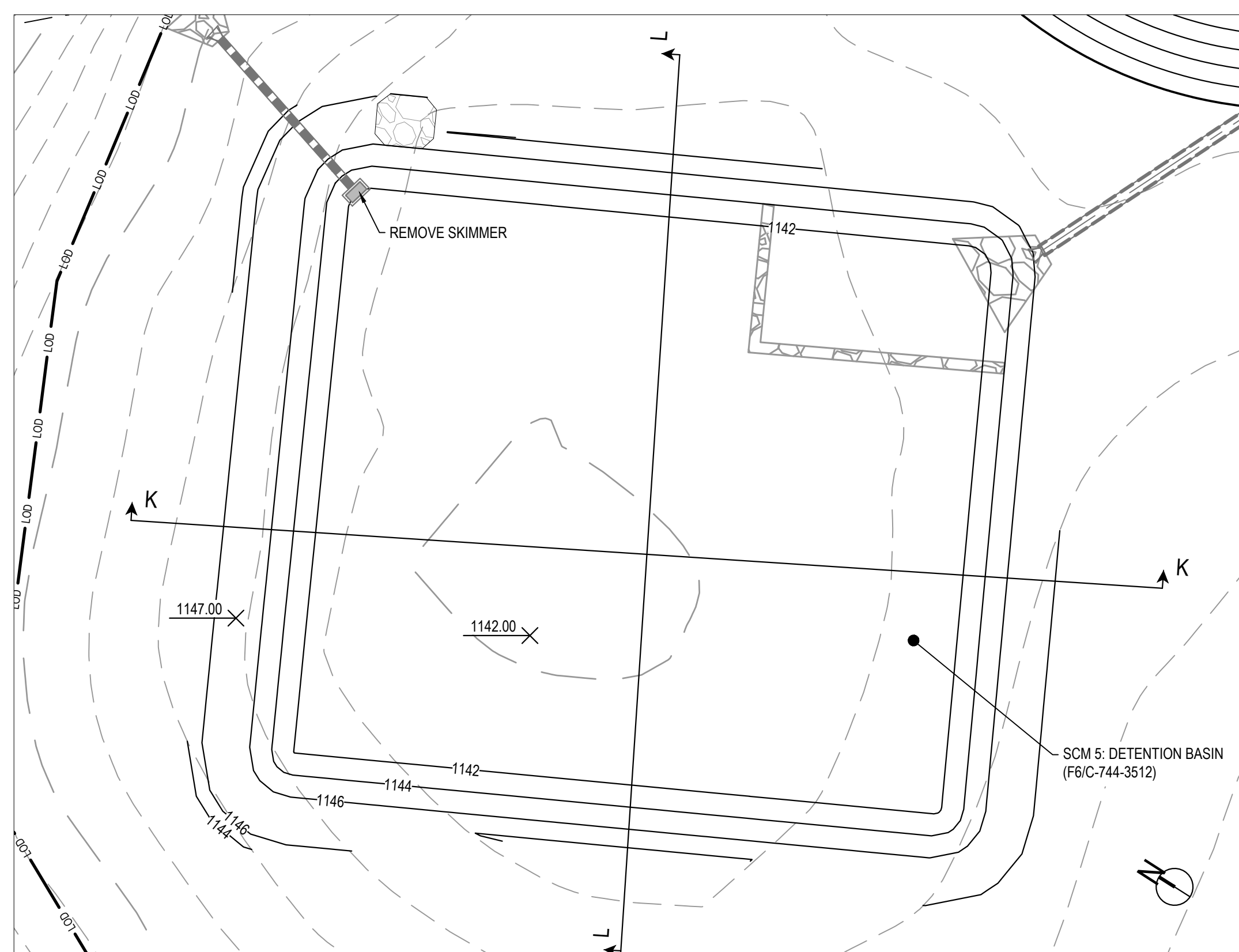
NOTES

- EXISTING SITE AND UTILITY INFORMATION COMPILED FROM HOMER CITY GENERATION AS-BUILTS AND PLANT DESIGN DRAWINGS. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. SURVEY OF SURFACE UTILITIES AND SITE FEATURES WAS COMPLETED ON SEPTEMBER 2, 2024 BY APEX COMPANIES, LLC.
- EXISTING TOPOGRAPHY INFORMATION FROM AVAILABLE PASDA CONTOURS AND SHOULD BE CONSIDERED APPROXIMATE.
- EXISTING STREAMS AND WETLANDS WERE DELINEATED BY MICHAEL BAKER INTERNATIONAL, INC IN JUNE 2024.
- HORIZONTAL DATUM IS BASED ON NAD27 PENNSYLVANIA STATE PLANES, SOUTH ZONE(3702), US FOOT (PA-S).
- SEE SITE CROSS SECTIONS SHEETS C-744-3513 - C-744-3515.
- SEE STORM PROFILES SHEETS C-744-3208 - C-744-3213



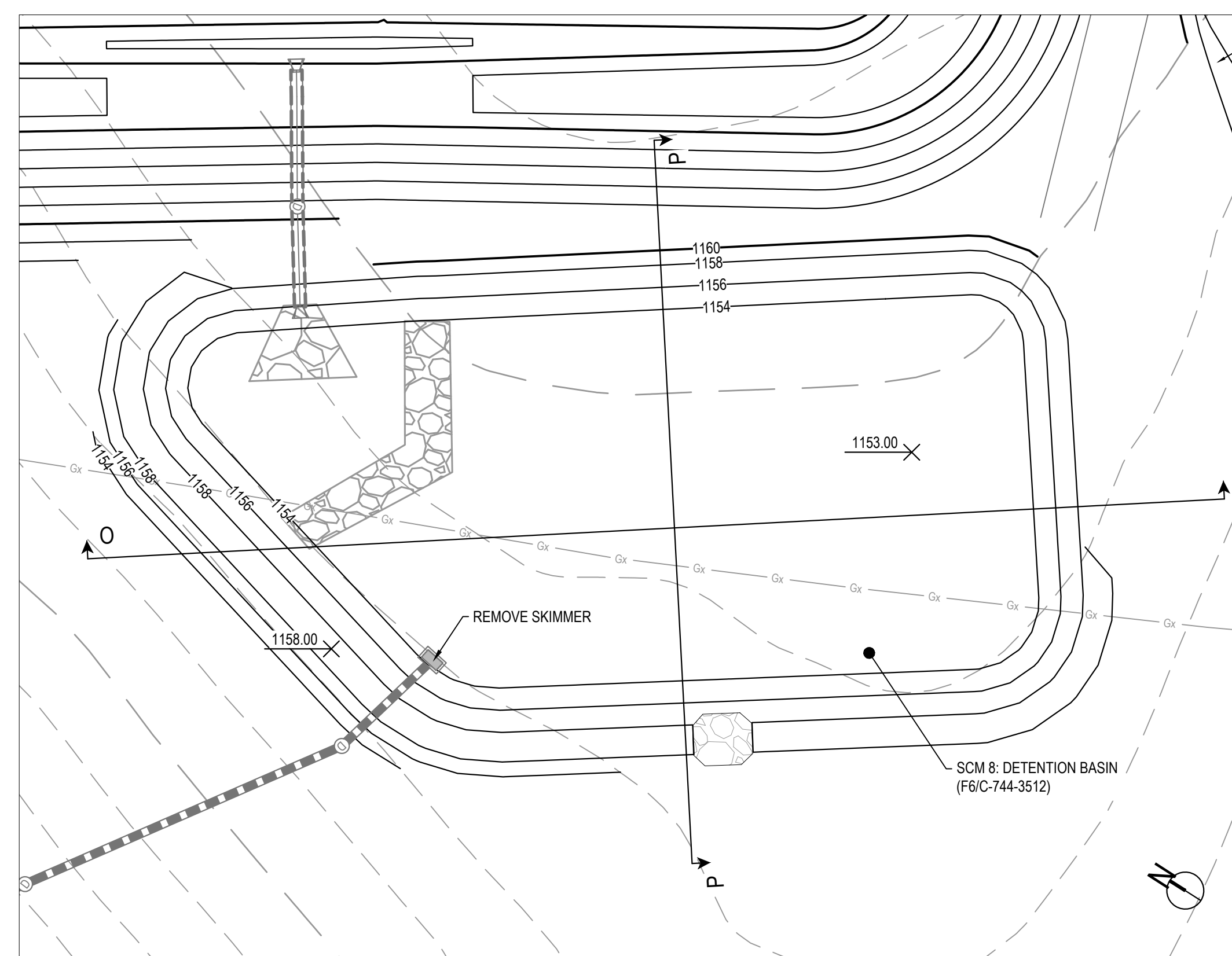
D10 ENLARGED PLAN - SCM 3 - DETENTION BASIN

SCALE: 1"=30'



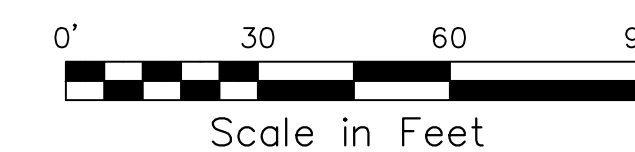
H10 ENLARGED PLAN - SCM 5 - DETENTION BASIN

SCALE: 1"=30'



H7 ENLARGED PLAN - SCM 8 - DETENTION BASIN

SCALE: 1"=30'



Michael Baker INTERNATIONAL
MICHAEL BAKER INTERNATIONAL, LLC
 100 ARBIDE DRIVE
 MOON TOWNSHIP, PA 15108

HOMER CITY STATION
 1750 POWER PLANT ROAD
 HOMER CITY, PA 15106

DWG. TYPE: **CIVIL**
 TITLE: **WEST FIELD ENLARGED PCSM PLAN**

PROJECT NAME: WEST FIELD

AS SHOWN	WFS01	C-744-3009	1	A
----------	-------	------------	---	---

SCALE	PROJECT NO.	DRAWING NUMBER	SHEET	REV
-------	-------------	----------------	-------	-----

10

9

8

7

6

5

4

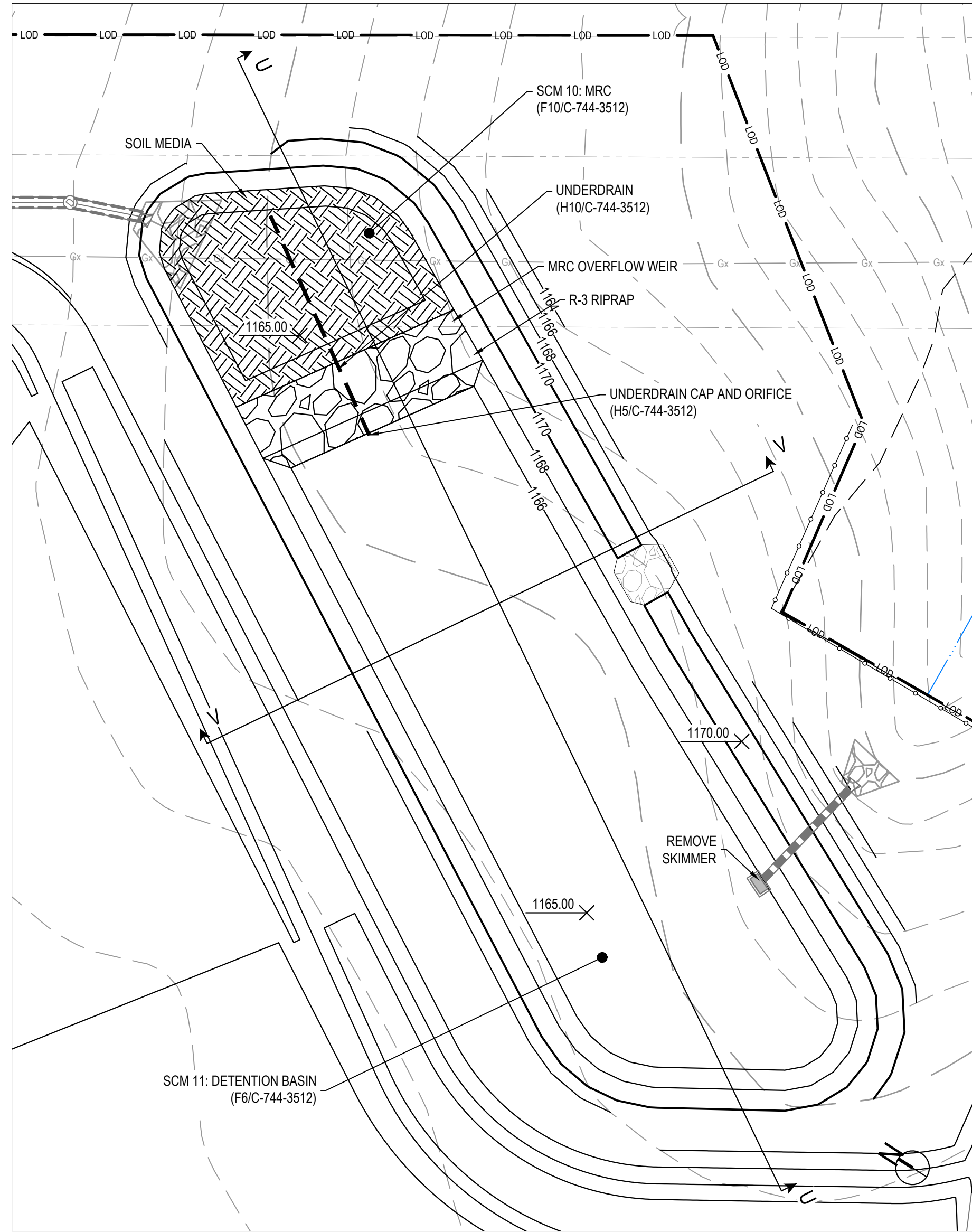
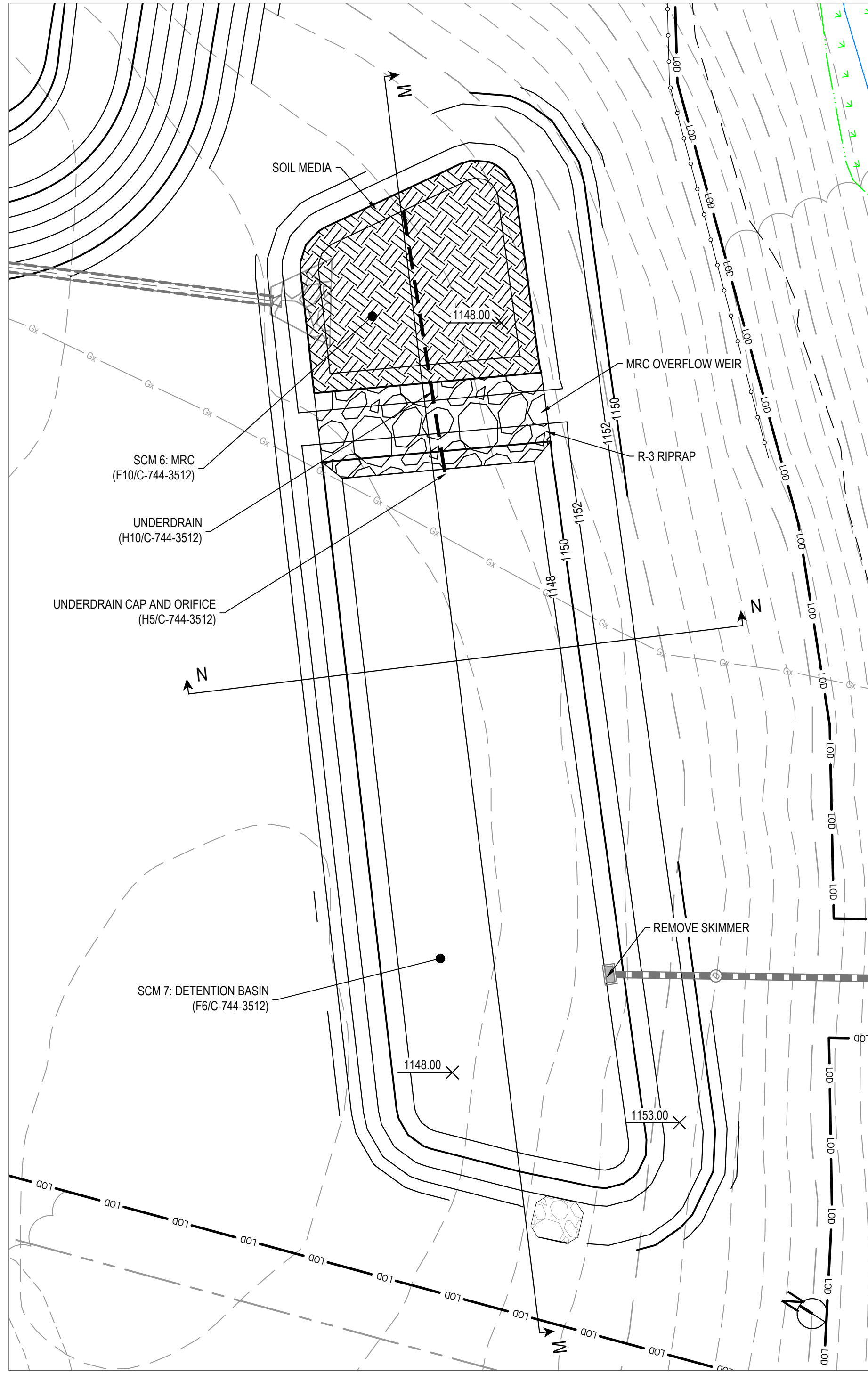
3

2

1

NOTES

- EXISTING SITE AND UTILITY INFORMATION COMPILED FROM HOMER CITY GENERATION AS-BUILTS AND PLANT DESIGN DRAWINGS. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. SURVEY OF SURFACE UTILITIES AND SITE FEATURES WAS COMPLETED ON SEPTEMBER 2, 2024 BY APEX COMPANIES, LLC.
- EXISTING TOPOGRAPHY INFORMATION FROM AVAILABLE PASDA CONTOURS AND SHOULD BE CONSIDERED APPROXIMATE.
- EXISTING STREAMS AND WETLANDS WERE DELINEATED BY MICHAEL BAKER INTERNATIONAL, INC IN JUNE 2024.
- HORIZONTAL DATUM IS BASED ON NAD27 PENNSYLVANIA STATE PLANES, SOUTH ZONE(3702), US FOOT (PA-S).
- SEE SITE CROSS SECTIONS SHEETS C-744-3513 - C-744-3515.
- SEE STORM PROFILES SHEETS C-744-3208 - C-744-3213



F7 ENLARGED PLAN - SCM 10 - MRC & SCM 11 - DETENTION BASIN

SCALE: 1"=30'

G10 ENLARGED PLAN - SCM 6 - MRC & SCM 7 - DETENTION BASIN

SCALE: 1"=30'



Michael Baker INTERNATIONAL
 MICHAEL BAKER INTERNATIONAL, LLC
 100 ARBIDE DRIVE
 BACH TOWNSHIP, PA 15108

HOMER CITY STATION
 1750 POWER PLANT ROAD
 HOMER CITY, PA 15106

DWG. TYPE: **CIVIL**
 TITLE: **WEST FIELD ENLARGED PCSM PLAN**

PROJECT NAME: **WEST FIELD**

AS SHOWN	WFS01	C-744-3010	1	A
----------	-------	------------	---	---

SCALE	PROJECT NO.	DRAWING NUMBER	SHEET	REV.
-------	-------------	----------------	-------	------

10

9

8

7

6

5

4

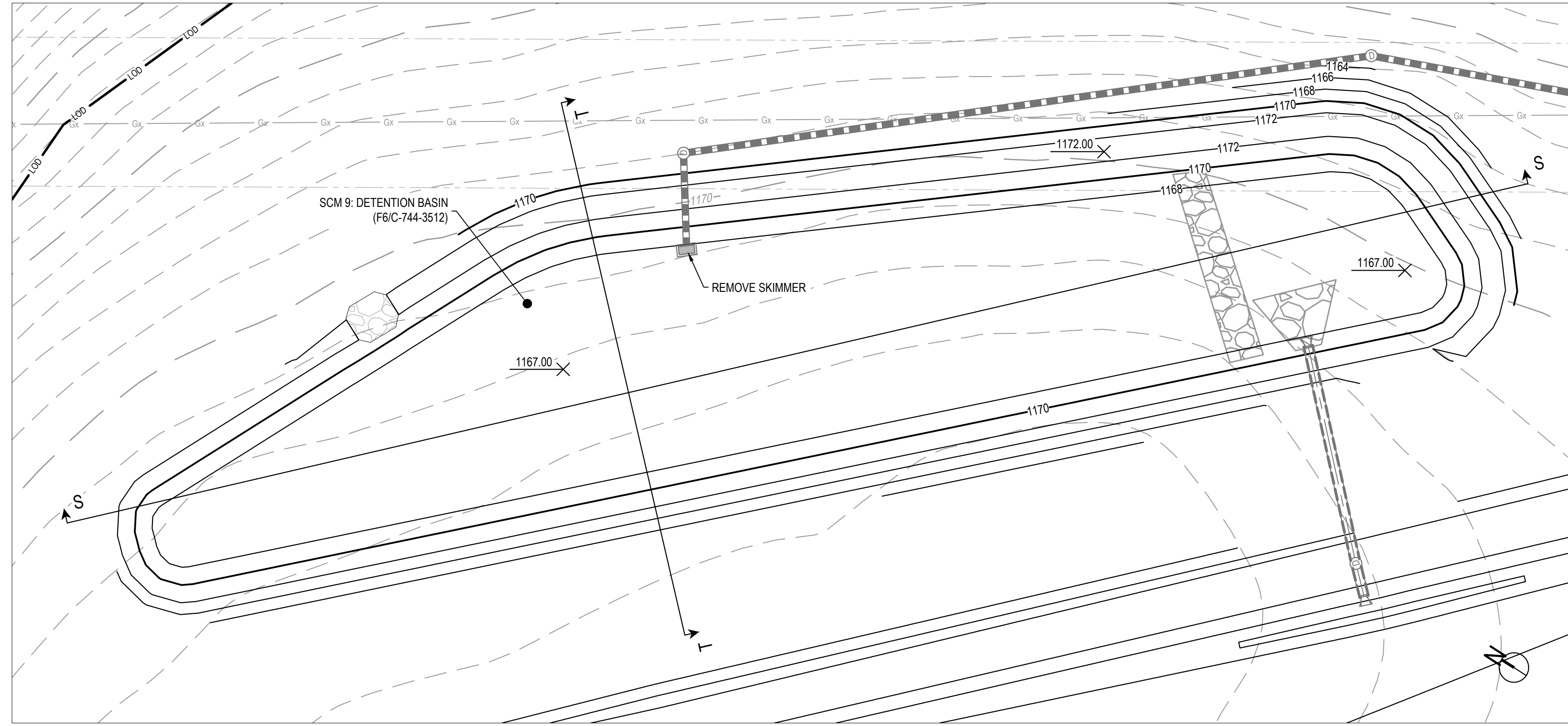
3

2

1

NOTES

- EXISTING SITE AND UTILITY INFORMATION COMPILED FROM HOMER CITY GENERATION AS-BUILTS AND PLANT DESIGN DRAWINGS. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. SURVEY OF SURFACE UTILITIES AND SITE FEATURES WAS COMPLETED ON SEPTEMBER 2, 2024 BY APEX COMPANIES, LLC.
- EXISTING TOPOGRAPHY INFORMATION FROM AVAILABLE PASDA CONTOURS AND SHOULD BE CONSIDERED APPROXIMATE.
- EXISTING STREAMS AND WETLANDS WERE DELINEATED BY MICHAEL BAKER INTERNATIONAL, INC IN JUNE 2024.
- HORIZONTAL DATUM IS BASED ON NAD27 PENNSYLVANIA STATE PLANES, SOUTH ZONE(3702), US FOOT (PA-S).
- SEE SITE CROSS SECTIONS SHEETS C-744-3513 - C-744-3515.
- SEE STORM PROFILES SHEETS C-744-3208 - C-744-3213



D10 ENLARGED PLAN - SCM 9 - DETENTION BASIN SCALE: 1"=30'



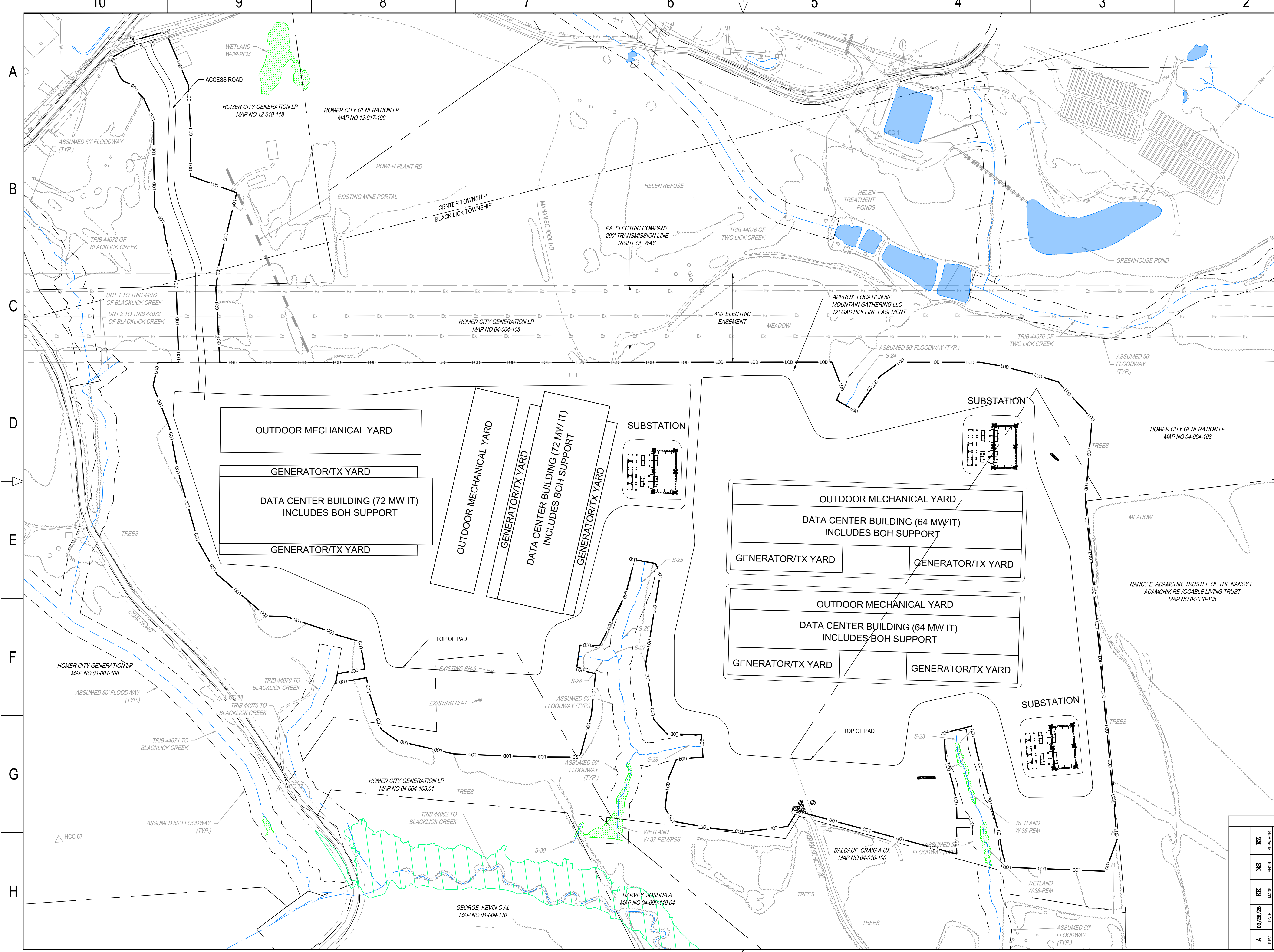
Michael Baker INTERNATIONAL
MICHAEL BAKER INTERNATIONAL, LLC
 100 ARCADE DRIVE
 BUCKINGHAM, PA 15108

HOMER CITY STATION
 1750 POWER PLANT ROAD
 HOMER CITY, PA 15106

DWG. TYPE: CIVIL
 TITLE: WEST FIELD
 ENLARGED PCSM PLAN

PROJECT NAME: WEST FIELD

AS SHOWN	WFS01	C-744-3011	1	A
SCALE	PROJECT NO.	DRAWING NUMBER	SHEET	REV



- NOTES**
- EXISTING SITE AND UTILITY INFORMATION COMPILED FROM HOMER CITY GENERATION AS-BUILTS AND PLANT DESIGN DRAWINGS. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. SURVEY OF SURFACE UTILITIES AND SITE FEATURES WAS COMPLETED ON SEPTEMBER 2, 2024 BY APEX COMPANIES, LLC.
 - EXISTING TOPOGRAPHY INFORMATION FROM AVAILABLE PASDA CONTOURS AND SHOULD BE CONSIDERED APPROXIMATE.
 - EXISTING STREAMS AND WETLANDS WERE DELINEATED BY MICHAEL BAKER INTERNATIONAL, INC IN JUNE 2024.
 - HORIZONTAL DATUM IS BASED ON NAD27 PENNSYLVANIA STATE PLANES, SOUTH ZONE(3702), US FOOT (PA-S).



Michael Baker International, LLC
 100 ARCADE DRIVE
 BLACK LICK TOWNSHIP, PA 15108

HOMER CITY STATION	
1750 POWER PLANT ROAD HOMER CITY, PA 15106	
DWG. TYPE:	CIVIL
TITLE:	WEST FIELD SITE PLAN
PROJECT NAME:	WEST FIELD
SCALE:	1"=200'
PROJECT NO.:	WFS01
DRAWING NUMBER:	C-744-3012
SHEET:	1
REV:	A

10 9 8 7 6 5 4 3 2 1

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

(TEMPORARY)

ERNMX-104

SPECIES: Annual Ryegrass, Perennial Ryegrass
 % PURE LIVE SEED: 50% Annual Ryegrass, 50% Perennial Ryegrass %
 APPLICATION RATE: 50 LB./ACRE
 FERTILIZER TYPE: 10-10-10 (X-X-X)
 FERTILIZER APPL. RATE: 500 LB./ACRE
 LIMING RATE: 1 T./ACRE
 MULCH TYPE: Wheat Straw or Oat Straw
 MULCHING RATE: 3 T./ACRE

(PERMANENT)

ERNMX-113

SPECIES: Creeping Red Fescue, Annual Ryegrass, Perennial Ryegrass (Blackstone), Perennial Ryegrass (Bigleague)
 % PURE LIVE SEED: 25% Creeping Red Fescue, 25% Annual Ryegrass, 25% Perennial Ryegrass (Blackstone), 25% Perennial Ryegrass (Bigleague) %
 APPLICATION RATE: 100 LB./ACRE
 FERTILIZER TYPE: 10-20-20 (X-X-X)
 FERTILIZER APPL. RATE: 1000 LB./ACRE
 LIMING RATE: 6 T./ACRE
 MULCH TYPE: Wheat Straw or Oat Straw
 MULCHING RATE: 3 T./ACRE
 ANCHOR MATERIAL: N/A
 ANCHORING METHOD: Mechanically anchored
 RATE OF ANCHOR MATERIAL APPL.: N/A LB./ACRE
 SEEDING SEASON DATES: per manufacturer recommendations


(PERMANENT – STEEP SLOPE)

ERNMX-181

SPECIES: Indiangrass, Annual Ryegrass, Big Bluestem, Virginia Wildrye, Canada Wildrye, Autumn Bentgrass, Switchgrass, Deertongue, Purple Coneflower, Partridge Pea, Oxeye Sunflower, Lanceleaf Coreopsis, Blackeyed Susan, Wild Bergamot, Common Milkweed, Wrinkleleaf Goldenrod, Calico Aster, Heath Aster
 % PURE LIVE SEED: 31.1% Indiangrass, 20% Annual Ryegrass, 14% Big Bluestem, 10% Virginia Wildrye, 7% Canada Wildrye, 4% Autumn Benterass, 4% Switchgrass, 3% Deertongue, 1.5% Purple Coneflower, 1.3% Partridge Pea, 1.2% Oxeye Sunflower, 1% Lanceleaf, 1% Blackeyed Susan, 0.3% Wild Bergamot, 0.2% Common Milkweed, 0.2% Wrinkleleaf Goldenrod, 0.1% Calico Aster, 0.1% Heath Aster %
 APPLICATION RATE: 60 LB./ACRE
 FERTILIZER TYPE: 10-20-20 (X-X-X)
 FERTILIZER APPL. RATE: 1000 LB./ACRE
 LIMING RATE: 6 T./ACRE
 MULCH TYPE: Wheat Straw or Oat Straw
 MULCHING RATE: 3 T./ACRE
 ANCHOR MATERIAL: N/A
 ANCHORING METHOD: Mechanically anchored
 RATE OF ANCHOR MATERIAL APPL.: N/A LB./ACRE
 SEEDING SEASON DATES: per manufacturer recommendations

G7 SEEDING MIX

SCALE: N.T.S.

 MICHAEL BAKER INTERNATIONAL, LLC <small>100 ARCADE DRIVE MCCON TOWNSHIP, PA 15108</small>	
HOMER CITY STATION <small>1750 POWER PLANT ROAD HOMER CITY, PA 15106</small>	
DWG. TYPE: CIVIL TITLE: ROADWAY AND COVER DETAILS	
PROJECT NAME: WEST FIELD	
REV: A DATE: 02/28/25	PROJECT NO.: WFS01 DRAWING NUMBER: C-744-3511
SCALE: NTS	SHEET: 1 OF A

POST-CONSTRUCTION STORMWATER MANAGEMENT BMP SEED MIXTURES							
MIXTURE NAME	PERCENT OF SEED MIXTURE	SPECIES	SEEDLING RATE LB/AC	MIXTURE NAME	PERCENT OF SEED MIXTURE	SPECIES	SEEDLING RATE LB/AC
NATIVE DETENTION AREA MIX	43%	DEERTOUNGE, 'TIOGA'	20	RETENTION FLOOR MIX - LOW MAINTENANCE	16%	ALKALIGRASS, 'FULTS'	20 TO 40
	22%	VIRGINIA WILDRYE, PA ECOTYPE			16%	VIRGINIA WILDRYE, PA ECOTYPE	
	20%	FOX SEDGE, PA ECOTYPE			16%	TICKLEGRASS, PA ECOTYPE	
	5%	AUTUMN BENTGRASS, PA ECOTYPE			12%	FOX SEDGE, PA ECOTYPE	
	4%	BLUNT BROOM SEDGE, PA ECOTYPE			10%	CREEPING BENTGRASS	
	3%	SOFT RUSH			10%	DEERTOUNGE, 'TIOGA'	
	2%	TICKLEGRASS, PA ECOTYPE			10%	FOWL BLUEGRASS	
	1%	PATH RUSH, PA ECOTYPE			4%	BLUNT BROOM SEDGE, PA ECOTYPE	
					3%	SOFT RUSH	
					2%	AUTUMN BENTGRASS, PA ECOTYPE	
		1%	PATH RUSH, PA ECOTYPE				

- NOTES:**
- THE SEED MIXTURES LISTED ABOVE SHALL BE USED ON THE INSIDE OF THE MANAGED RELEASE CONCEPT BASIN.
 - ALL SEED SHALL BE ERNST CONSERVATION SEED OR AN APPROVED EQUAL REFER TO MANUFACTURER'S RECOMMENDATION FOR LIME, MULCHING, AND FERTILIZER REQUIREMENTS

MRC AND DETENTION BASIN CONSTRUCTION SEQUENCE NOTES

- UPON COMPLETION OF THE EROSION & SEDIMENT CONTROL CONSTRUCTION SEQUENCE AND AFTER THE SITE HAS A UNIFORM 70% PERENNIAL VEGETATIVE COVER, BEGIN THE CONVERSION OF THE E&S BMPs.
- REMOVE SEDIMENT FROM ALL SEDIMENT BASINS AND SEDIMENT TRAPS AND RE-ESTABLISH THE BASIN BOTTOM ELEVATION.
- CONVERT SEDIMENT BASIN 1-9 AND SEDIMENT TRAP 1-2 INTO DETENTION BASINS AND MRCS AS INDICATED ON THE PLANS AND DETAILS. CONSTRUCT INTERIOR BERMS TO SEPARATE MRCS AND DETENTION BASINS WHERE INDICATED ON THE PLANS. REMOVE ALL SKIMMER DEVICES FROM THE PERMANENT RISER STRUCTURES AND VERIFY THAT ALL PCSM ORIFICES AREA CLEAR AND AT THE CORRECT ELEVATIONS.
- DETENTION BASIN CONVERSION:**
 - EXCAVATE THE DETENTION BASIN BOTTOM TO AN UN-COMPACTED SUBGRADE FREE FROM ROCKS AND DEBRIS. DO NOT COMPACT THE SUBGRADE.
 - REMOVE SKIMMER. INSTALL UNDERDRAIN AS INDICATED ON THE PLANS, SECTIONS AND DETAILS.
 - SEED AND STABILIZE DISTURBED AREA.
- MRC CONVERSION:**
 - INSTALL THE MRC BASIN DURING FINAL PHASES OF SITE CONSTRUCTION TO PREVENT SEDIMENTATION AND/OR DAMAGE FROM CONSTRUCTION ACTIVITY. AFTER INSTALLATION, PREVENT SEDIMENT-LADEN WATER FROM ENTERING.
 - INSTALL AND MAINTAIN PROPER E&S BMPs DURING CONVERSION FROM SEDIMENT BASIN.
 - LICENSED PROFESSIONAL OR DESIGNATED REPRESENTATIVE SHOULD MONITOR MRC BASIN CONSTRUCTION.
 - EXCAVATE THE MRC BOTTOM TO AN UN-COMPACTED SUBGRADE FREE FROM ROCKS AND DEBRIS. DO NOT COMPACT THE SUBGRADE.
 - REMOVE SKIMMER. INSTALL UNDERDRAIN AS INDICATED ON THE PLANS, SECTIONS AND DETAILS.
 - PLACE SOIL MEDIA GENTLY. DO NOT COMPACT SOIL MEDIA. THE PLACEMENT OF SOIL MEDIA SHOULD BE DONE FROM OUTSIDE THE SCM FOOTPRINT TO AVOID COMPACTION BY CONSTRUCTION EQUIPMENT. EQUIPMENT SHOULD NEVER DRIVE OVER PLACED SOIL MEDIA.
 - SEED AND STABILIZE DISTURBED AREA. VEGETATE WITH PLANTINGS SPECIFIED ON THIS SHEET.
- MAINTAIN E&S BMPs UNTIL THE SITE IS FULLY STABILIZED.
- TOPSOIL ALL SLOPES THAT DO NOT RECEIVE RIPRAP ONCE OPERATIONS ARE COMPLETE, SEED AND MULCH ALL DISTURBED AREAS, USING THE SPECIFIED SEEDING REQUIREMENTS FOUND ON THE PLANS. EROSION CONTROL BLANKET SHALL BE INSTALLED AS REQUIRED IN AREAS WITH SLOPES EXCEEDING 3H:1V IN REGULAR 15' VERTICAL INCREMENTS. ALL DISTURBED AREAS MUST BE TEMPORARILY STABILIZED IF REMAINING IDLE OR ANTICIPATED TO REMAIN IDLE. IN THE ABSENCE OF A SOIL TEST, LIME SHOULD BE ADDED AT A RATE OF 3 TON / ACRE. DISTURBED AREAS MUST BE TEMPORARILY STABILIZED IF REMAINING IDLE OR ANTICIPATED TO REMAIN IDLE.
- HYDROSEEDING TO BE USED AT DISCRETION OF CONTRACTOR BETWEEN APRIL 1ST AND NOVEMBER 1ST.
- RESEED ALL DISTURBED AREAS IF VEGETATION IS NOT ESTABLISHED AFTER 30 DAYS.
- REMOVE ALL EQUIPMENT FROM THE SITE.
- REMOVE ALL COMPOST FILTER SOCK, COMPOST FILTER SOCK TRAPS AND ROCK FILTERS FOLLOWING COMPLETION OF THE ABOVE STEPS AND AFTER THE SITE HAS A UNIFORM 70% PERENNIAL VEGETATIVE COVER ON UNPAVED AREAS.

SOIL MEDIA NOTES:

- 20% ORGANIC MATERIAL (COMPOST)
30% SAND OR PEA GRAVEL
50% TOPSOIL
- SOIL MIX MUST CONTAIN NO MORE THAN 10% CLAY
- SOIL MIX MUST NOT BE COMPACTED.
- SOIL MIX MUST BE PLACED 3.5' ABOVE THE BOTTOM ELEVATION OF 1054.0

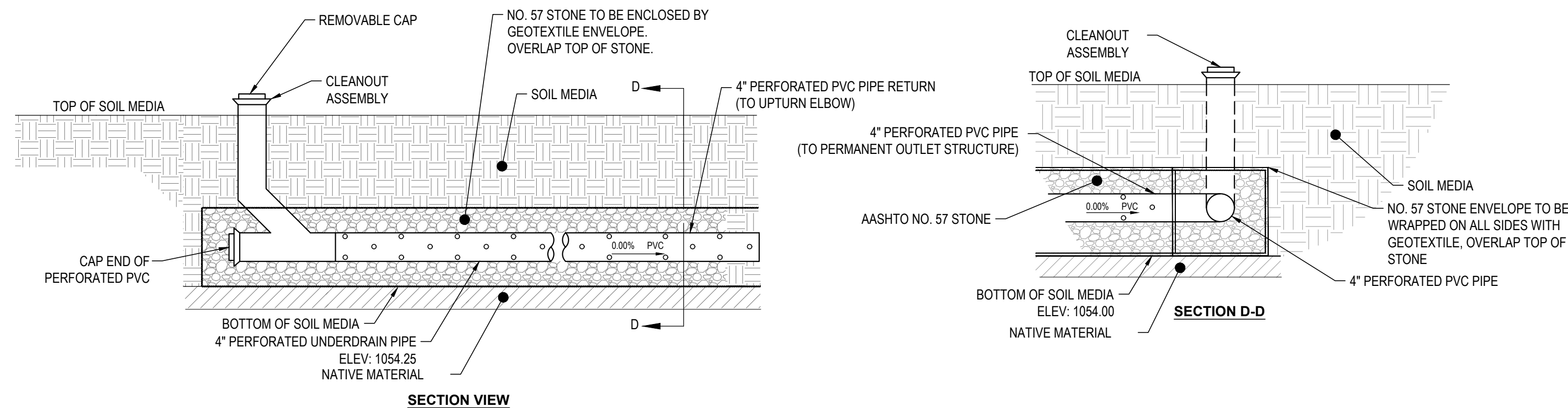
*CRITICAL STAGES OF CONSTRUCTION ARE INDICATED WITH UNDERLINED TEXT. AN ENGINEER MUST BE PRESENT ON-SITE TO MONITOR THE INSTALLATION OF CRITICAL STAGES.

INSPECTION AND MAINTENANCE NOTES

- DURING THE FIRST GROWING SEASON OR UNTIL ESTABLISHED, VEGETATION SHOULD BE INSPECTED EVERY 2 TO 3 WEEKS. THE VEGETATION SHOULD BE MAINTAINED IN GOOD CONDITION, AND ANY BARE SPOTS REVEGETATED.
- THE BASIN SHOULD BE INSPECTED AT LEAST 2 TIMES PER YEAR AND AFTER RUNOFF EVENTS IN EXCESS OF THE 1-YEAR STORM.
- THE OUTLET STRUCTURE SHOULD BE INSPECTED AND CLEANED ANNUALLY.
- AT LEAST TWO TIMES PER YEAR, INSPECT FOR ACCUMULATION OF SEDIMENT, DAMAGE TO OUTLET CONTROL STRUCTURES, EROSION, SIGNS OF WATER CONTAMINATION/SPILLS, AND INSTABILITY. LEAF LITTER NEEDS TO BE REMOVED ANNUALLY.
- INSPECTIONS SHOULD ASSESS THE VEGETATION, EROSION, FLOW CHANNELIZATION, BANK STABILITY, INLET/OUT CONDITIONS, EMBANKMENT, AND SEDIMENT ACCUMULATION.
- ROUTINELY REMOVE ACCUMULATED TRASH AND DEBRIS.
- REMOVE ACCUMULATED SEDIMENT AS REQUIRED TO MAINTAIN INFILTRATION THROUGH THE MRCS SOIL MEDIA AND TO MAINTAIN WATER QUALITY FUNCTIONALITY. RESTORE ORIGINAL CROSS SECTION. PROPERLY DISPOSE OF SEDIMENT.

F10 MRC CONVERSION

SCALE: N.T.S.

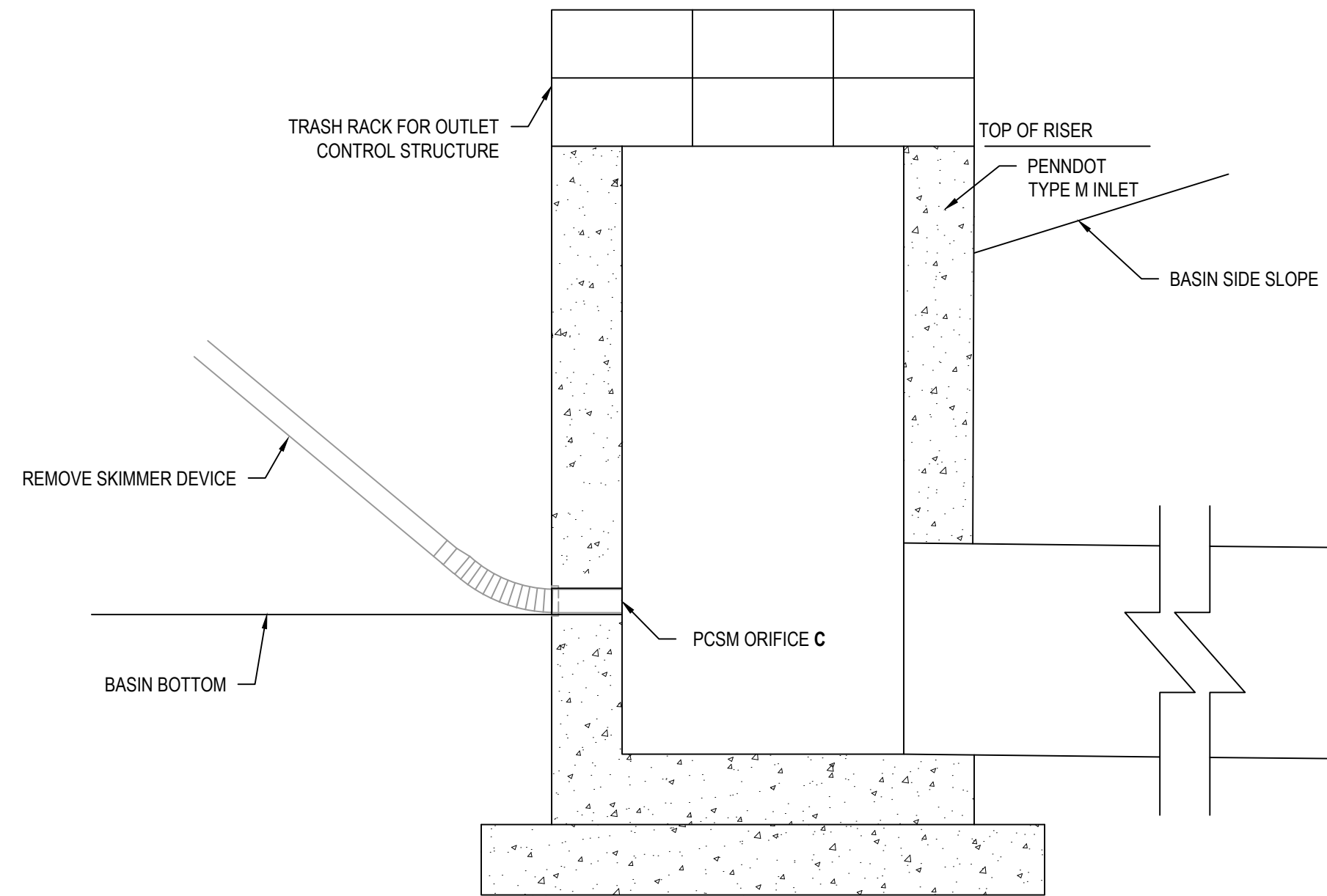


H10 UNDERDRAIN

SCALE: N.T.S.

F6 PERMANENT OUTLET RISER

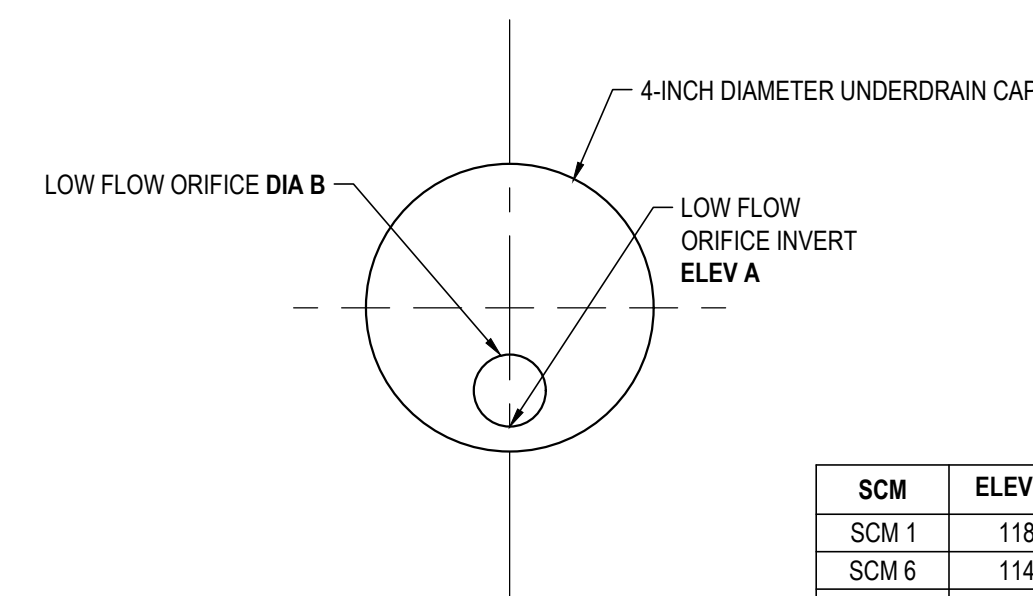
SCALE: N.T.S.



SCM	PCSM ORIFICE SIZE C (IN)	ELEVATION
SCM 2	4	1182.00
SCM 3	4 (2)	1164.00
SCM 4	4	1142.00
SCM 5	4	1142.00
SCM 7	4 (2)	1148.00
SCM 8	4	1153.00
SCM 9	4	1167.00
SCM 11	4	1165.00
SCM 12	4	1182.00
SCM 14	4 (3)	1198.50
SCM 14	8 (3)	1200.00

H5 UNDERDRAIN CAP AND ORIFICE

SCALE: N.T.S.



SCM	ELEV A (FT)	DIA B (IN)
SCM 1	1183.00	0.8
SCM 6	1149.00	0.8
SCM 10	1166.00	0.8
SCM 13	1199.50	0.7

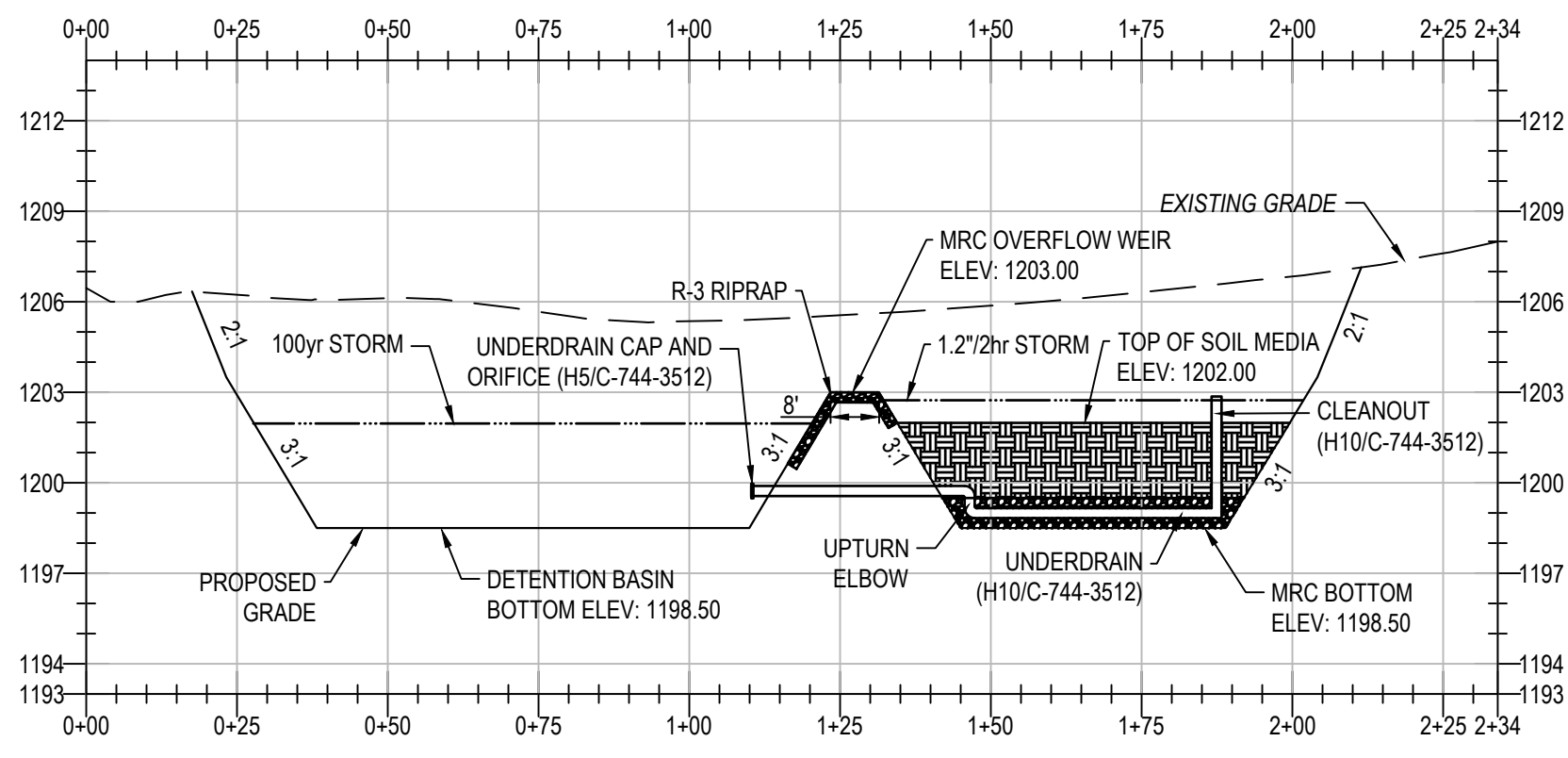
Michael Baker INTERNATIONAL
150 ARCADE DRIVE
HOMER CITY, PA 15106

HOMER CITY STATION

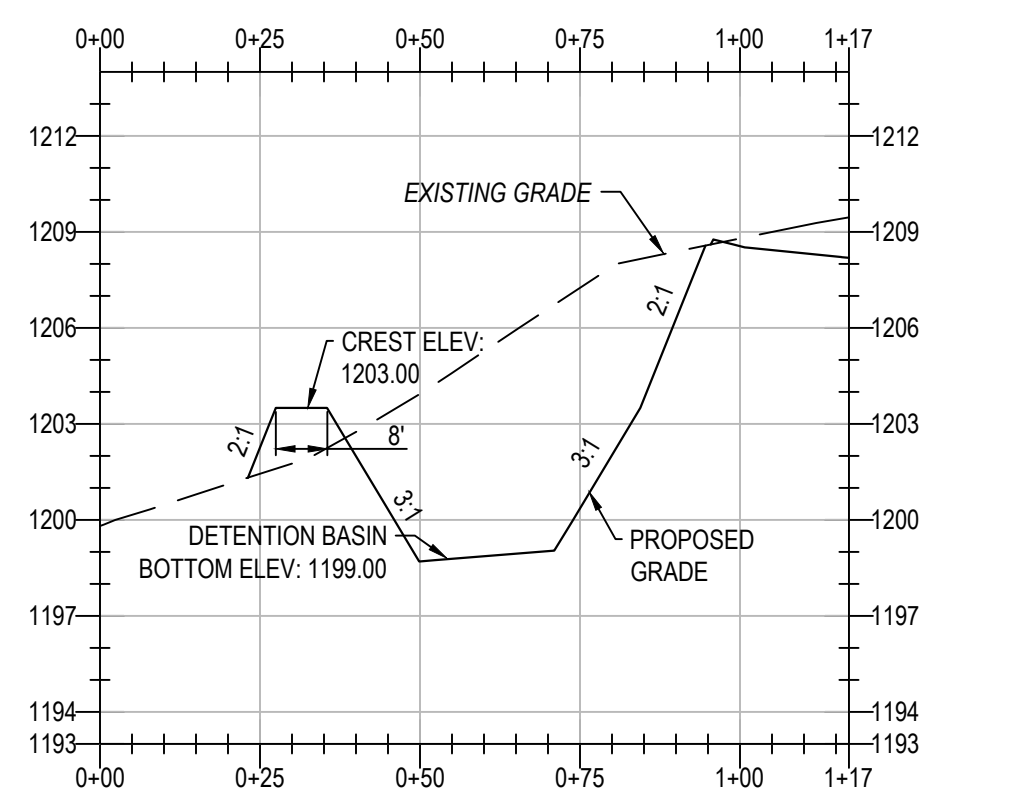
1750 POWER PLANT ROAD
HOMER CITY, PA 15106

DWG. TYPE: CIVIL
TITLE: PCSM DETAILS

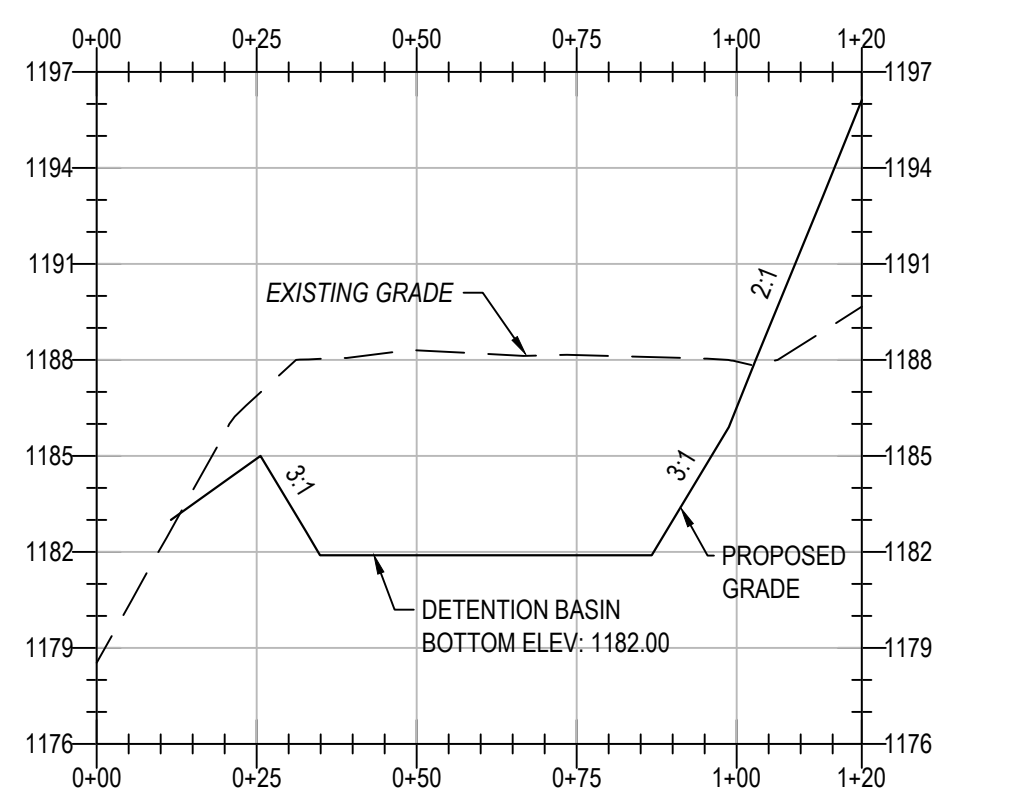
PROJECT NAME:	WEST FIELD
SCALE:	PROJECT NO. C-744-3512
DRAWING NUMBER:	2
SHEET:	A



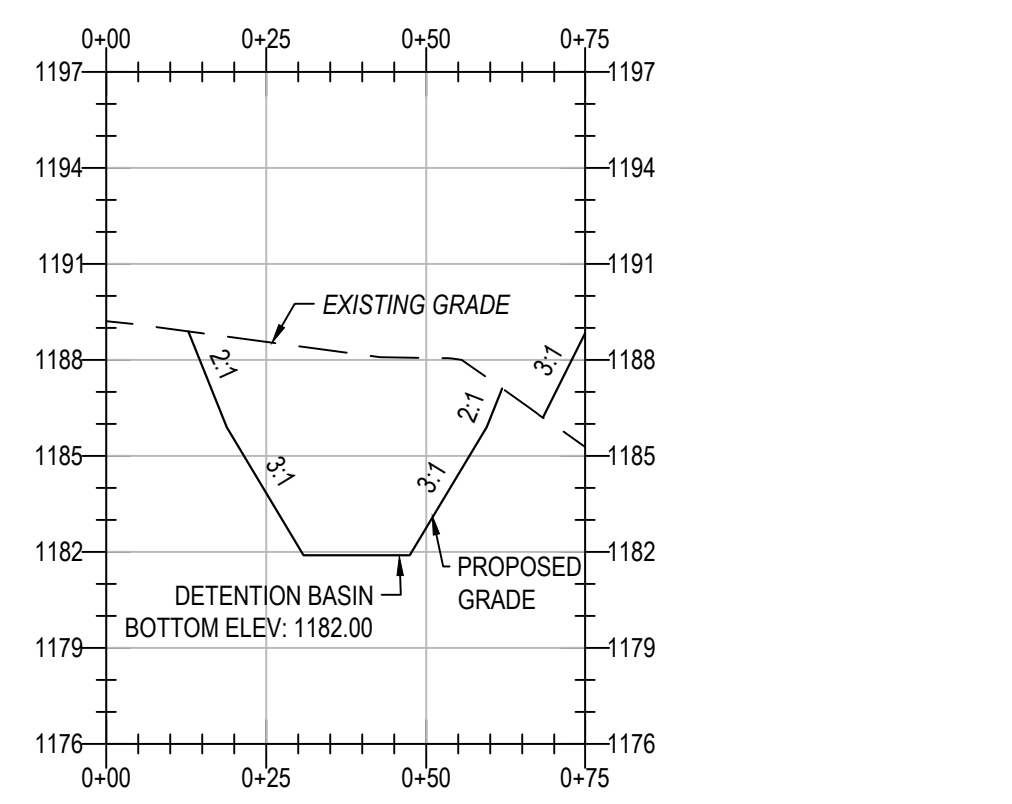
B10 SECTION A-A: SCM 13 - MRC & SCM 14 - DETENTION BASIN
SCALE: 1"=30' H. 1"=6' V.



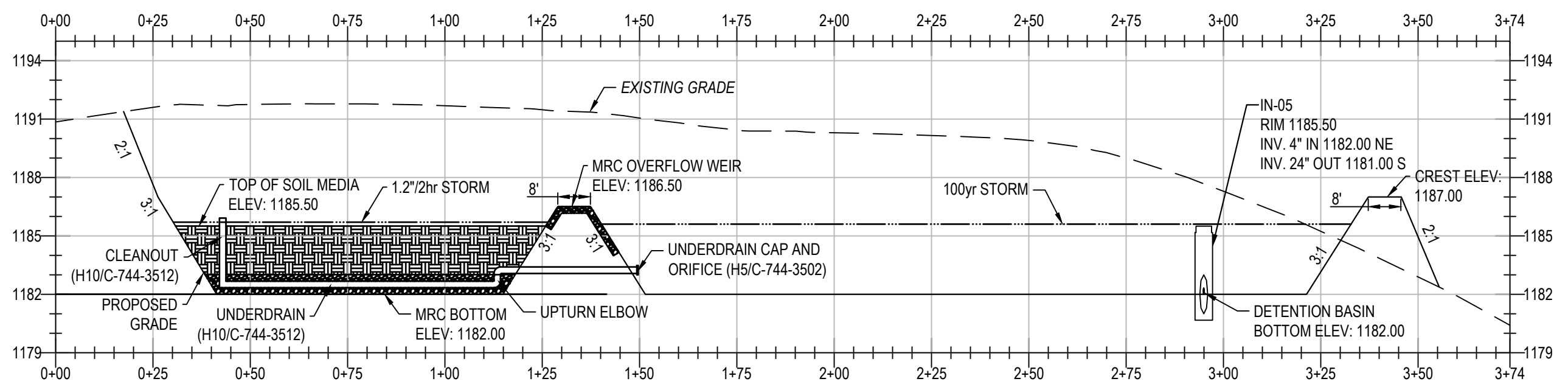
B7 SECTION B-B: SCM 13 - MRC & SCM 14 - DETENTION BASIN
SCALE: 1"=30' H. 1"=6' V.



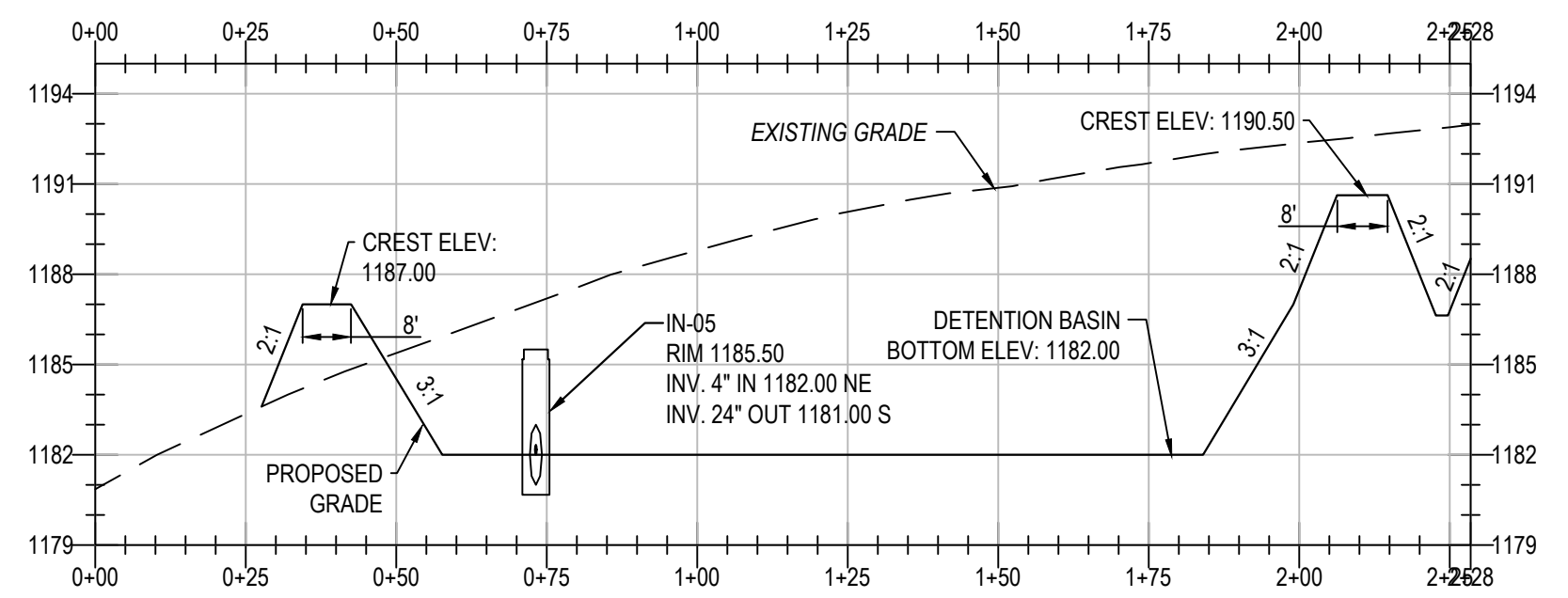
B5 SECTION C-C: SCM 12 - DETENTION BASIN
SCALE: 1"=30' H. 1"=6' V.



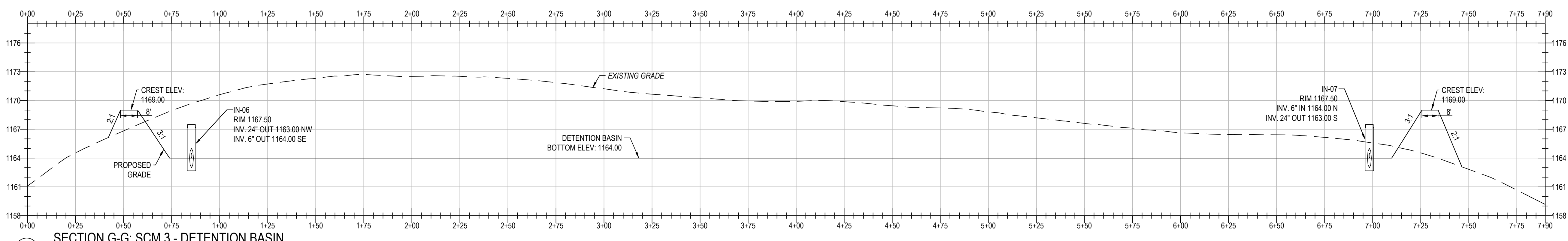
B3 SECTION D-D: SCM 12 - DETENTION BASIN
SCALE: 1"=30' H. 1"=6' V.



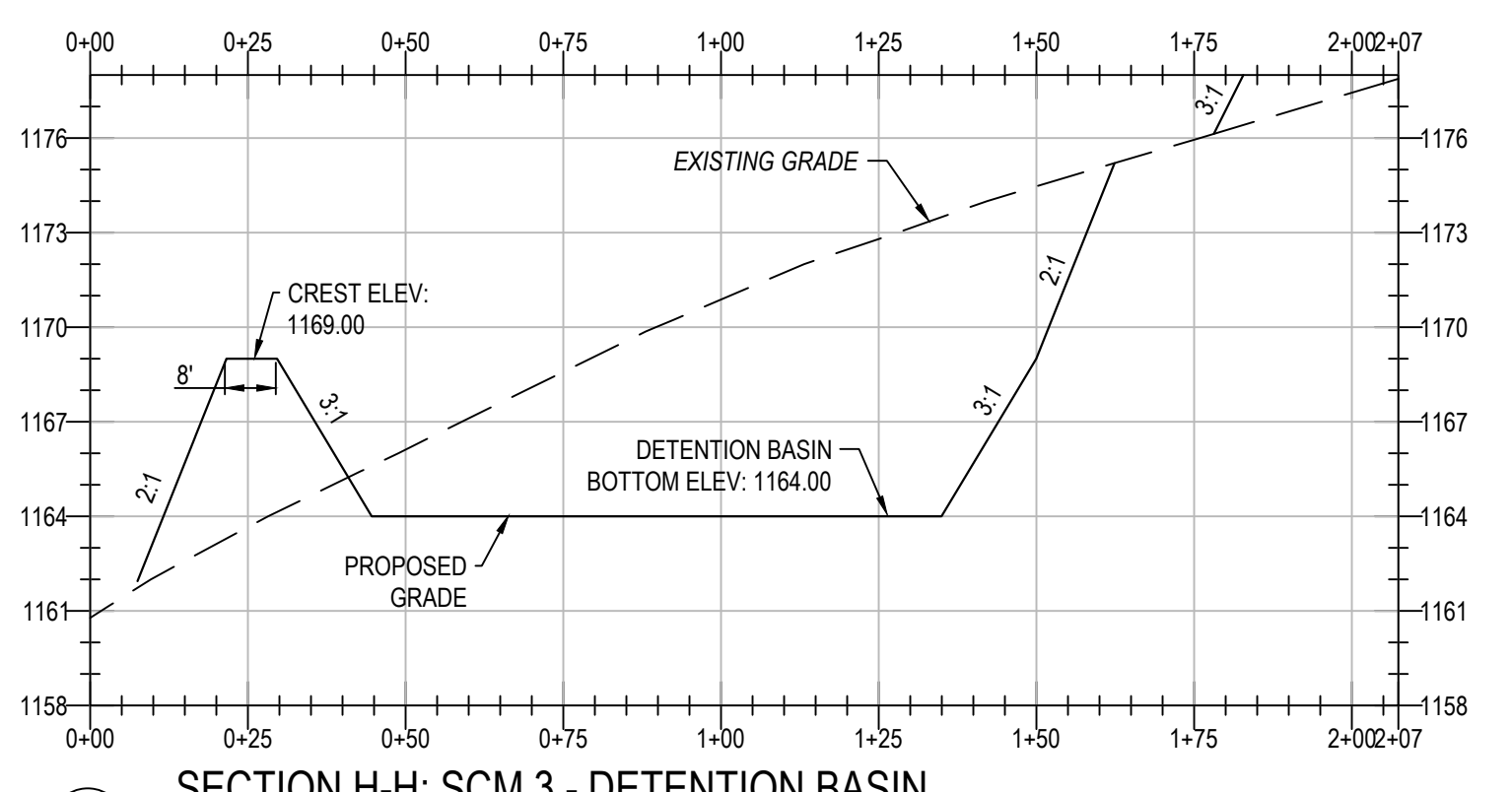
D10 SECTION E-E: SCM 1 - MRC & SCM 2 - DETENTION BASIN
SCALE: 1"=30' H. 1"=6' V.



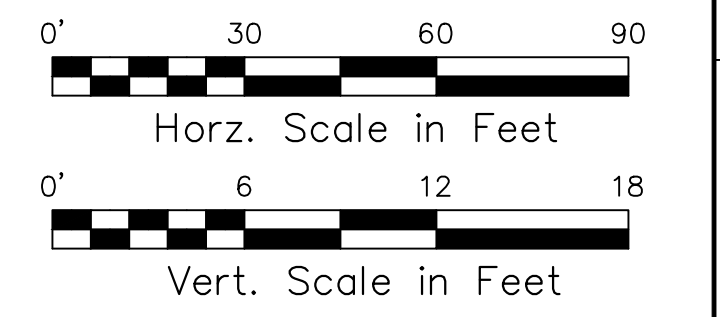
D5 SECTION F-F: SCM 1 - MRC & SCM 2 - DETENTION BASIN
SCALE: 1"=30' H. 1"=6' V.



F10 SECTION G-G: SCM 3 - DETENTION BASIN
SCALE: 1"=30' H. 1"=6' V.



H10 SECTION H-H: SCM 3 - DETENTION BASIN
SCALE: 1"=30' H. 1"=6' V.



Michael Baker International, LLC
150 ARCADE DRIVE
BOON TOWNSHIP, PA 15018

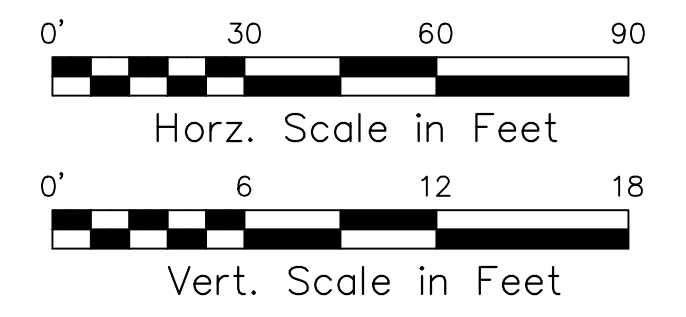
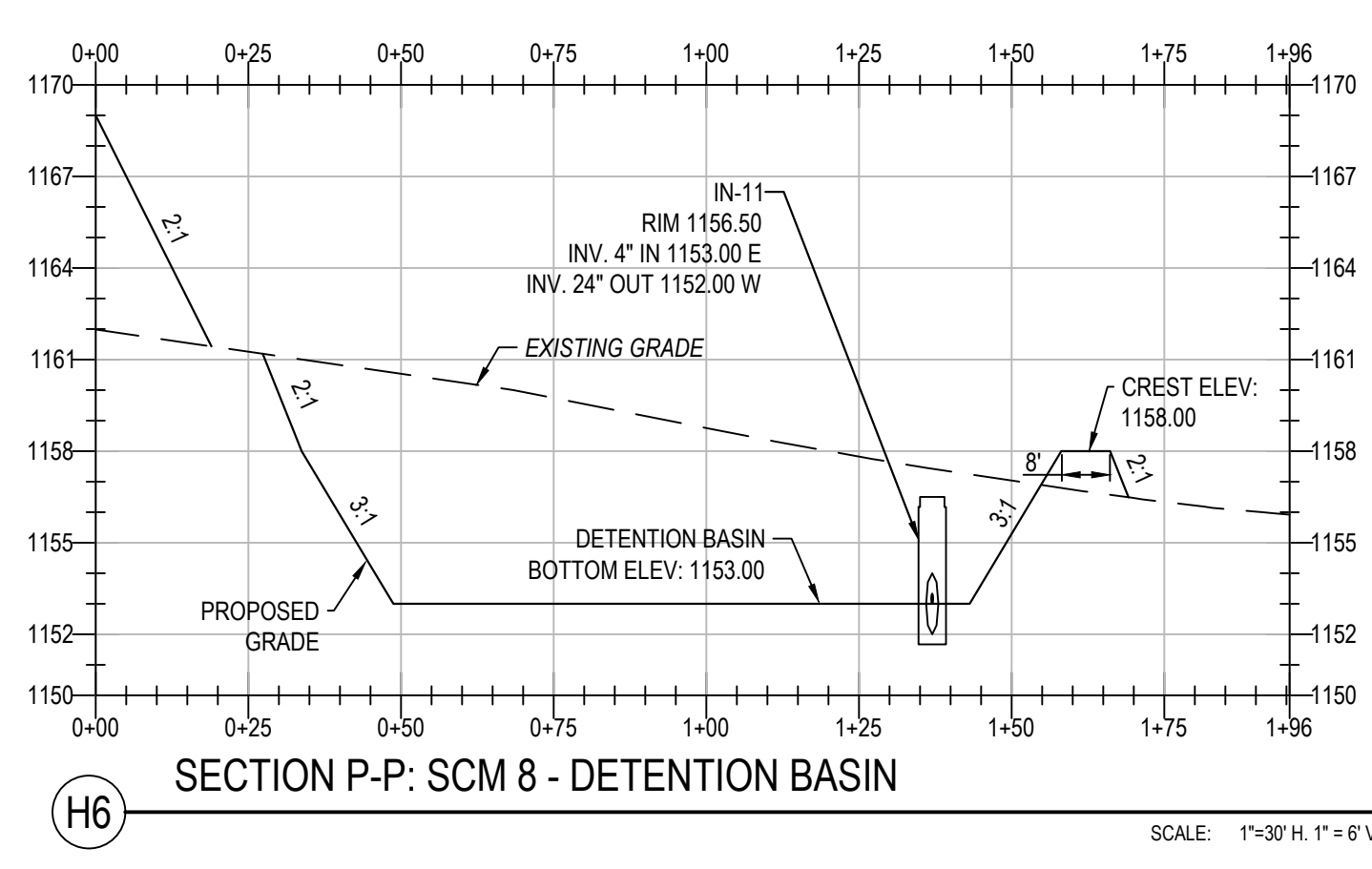
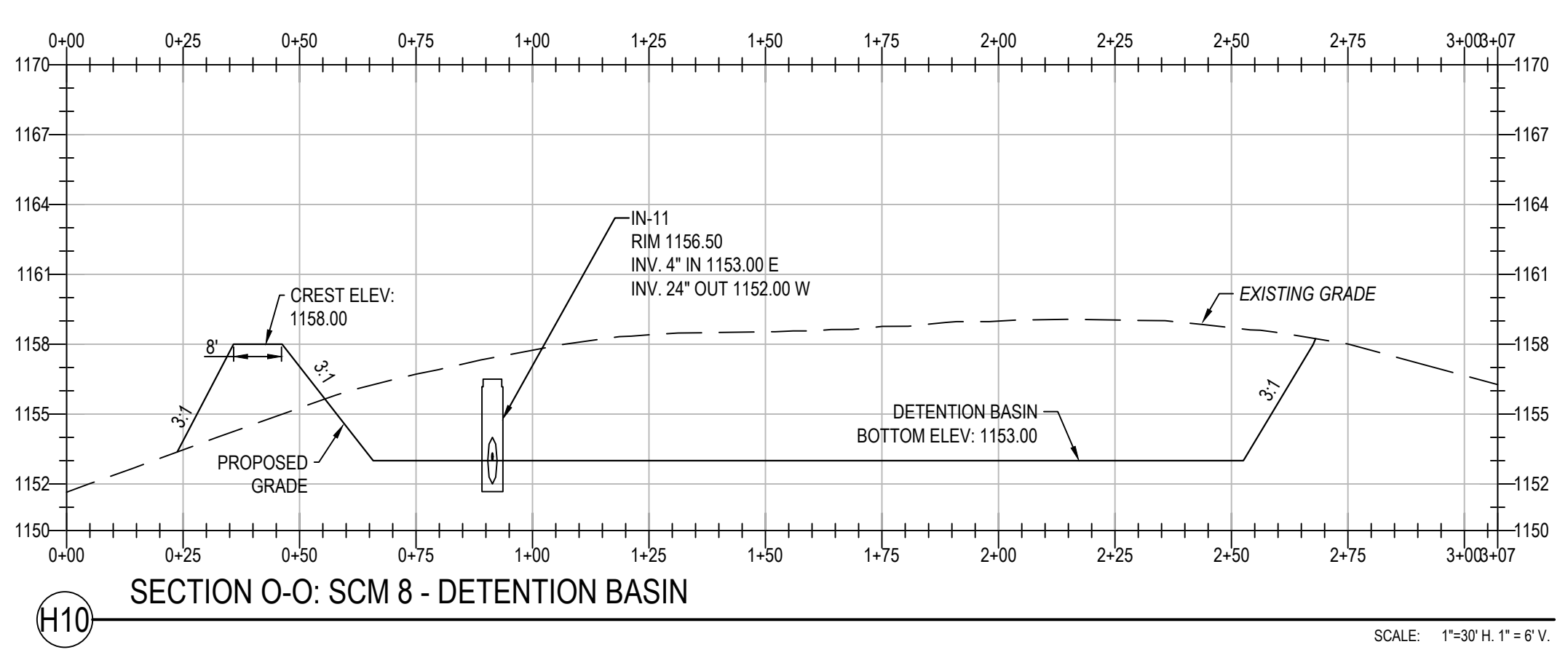
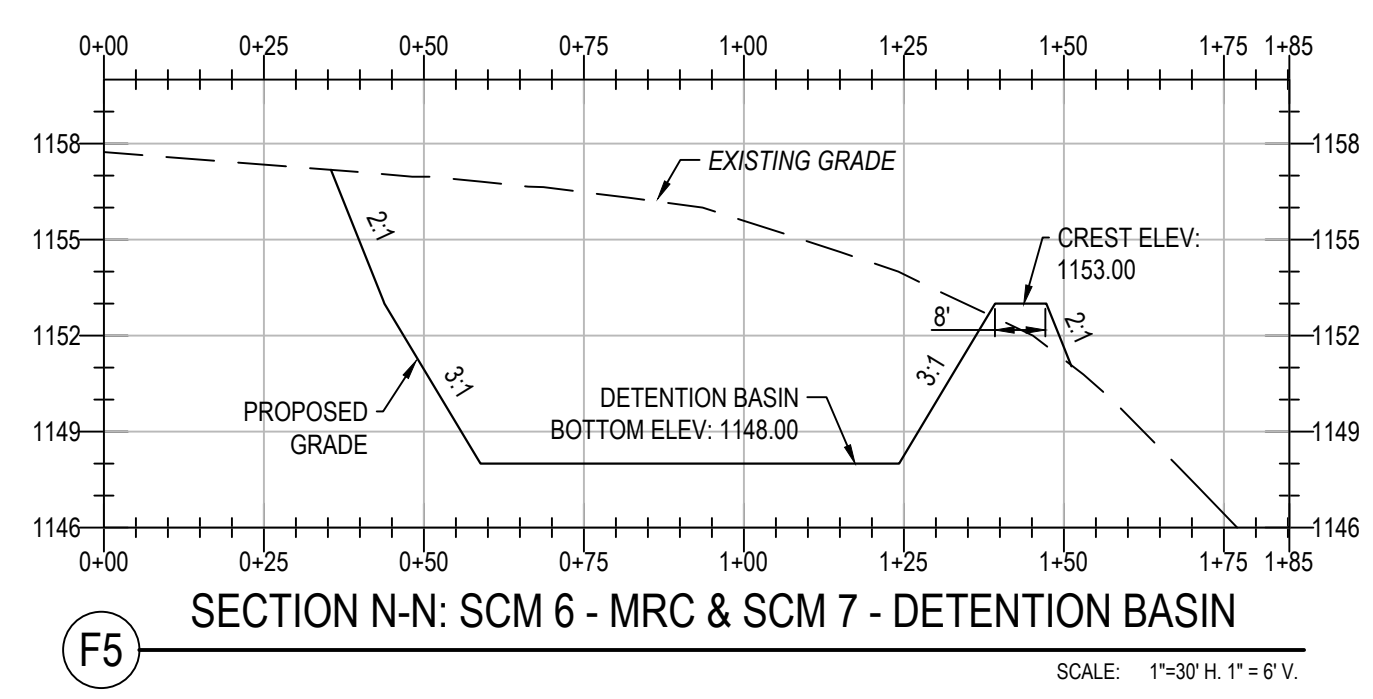
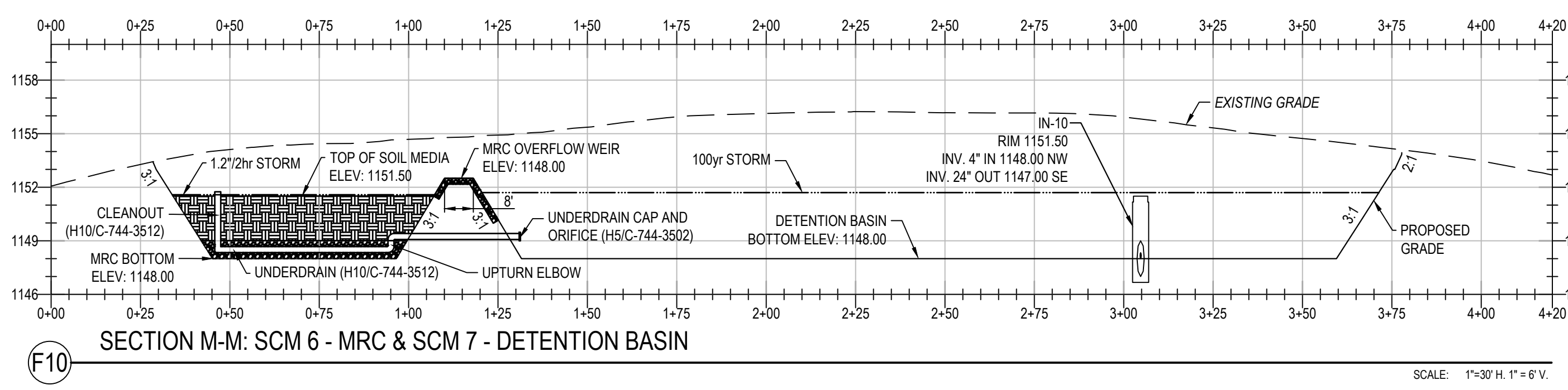
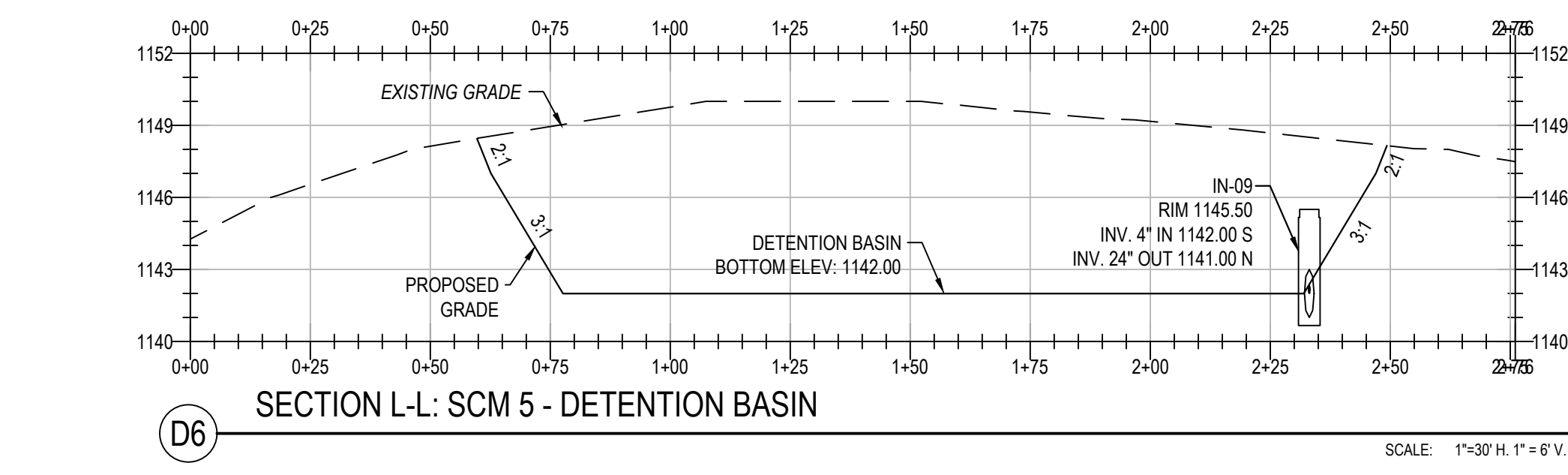
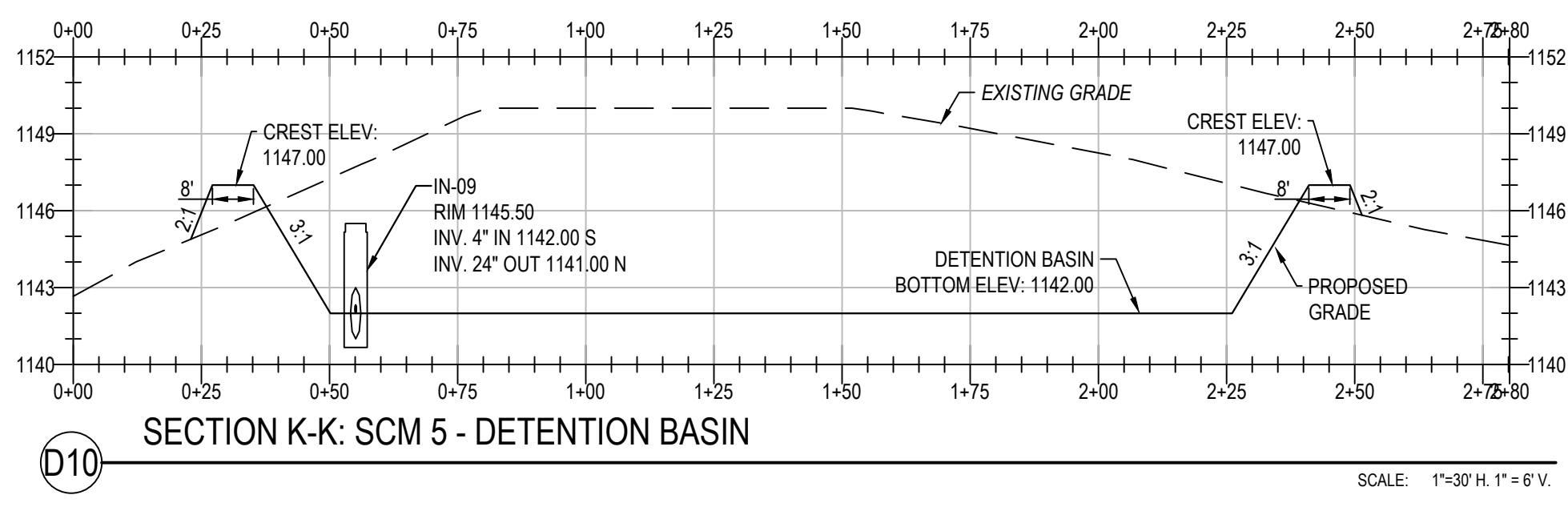
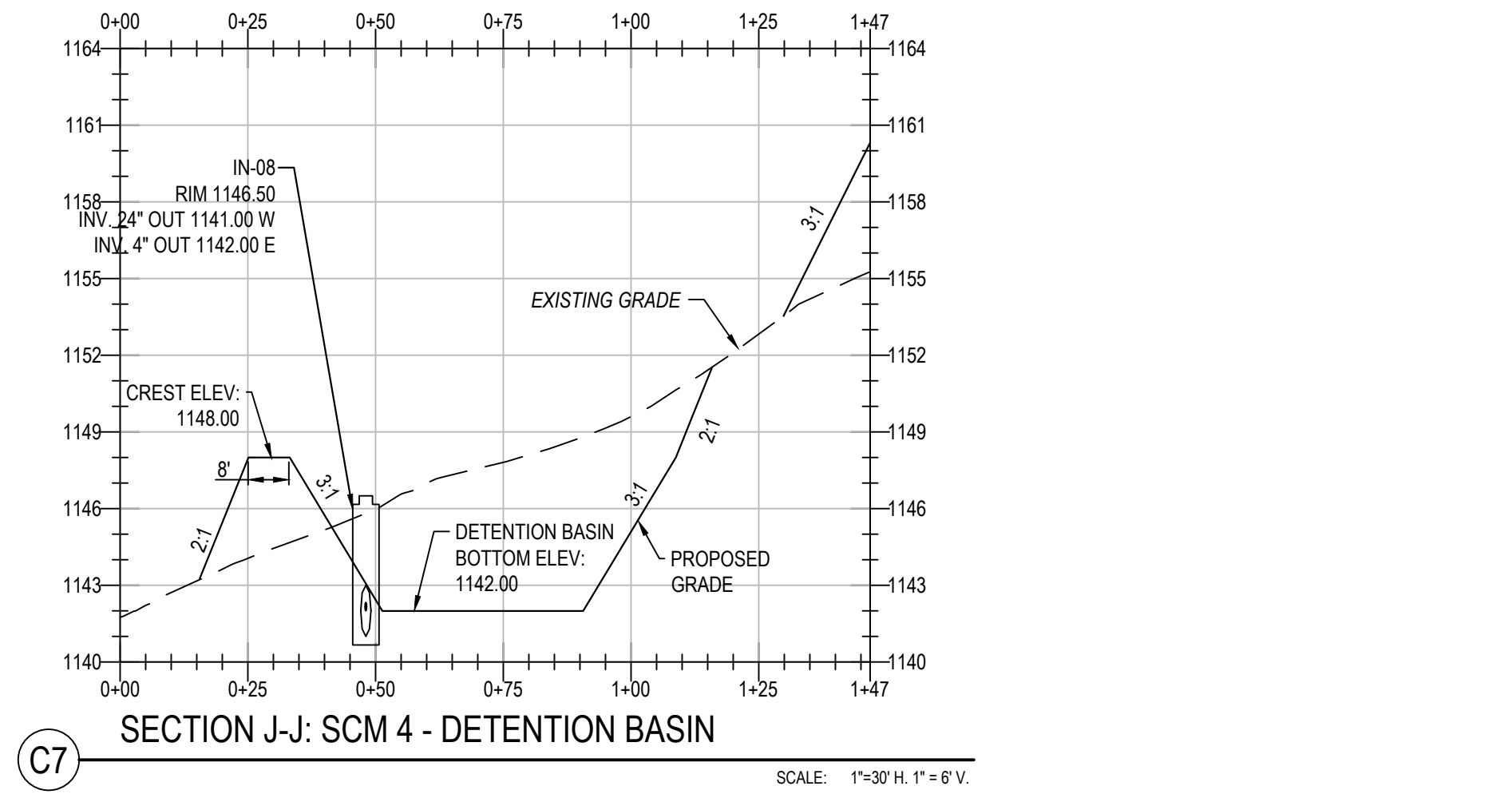
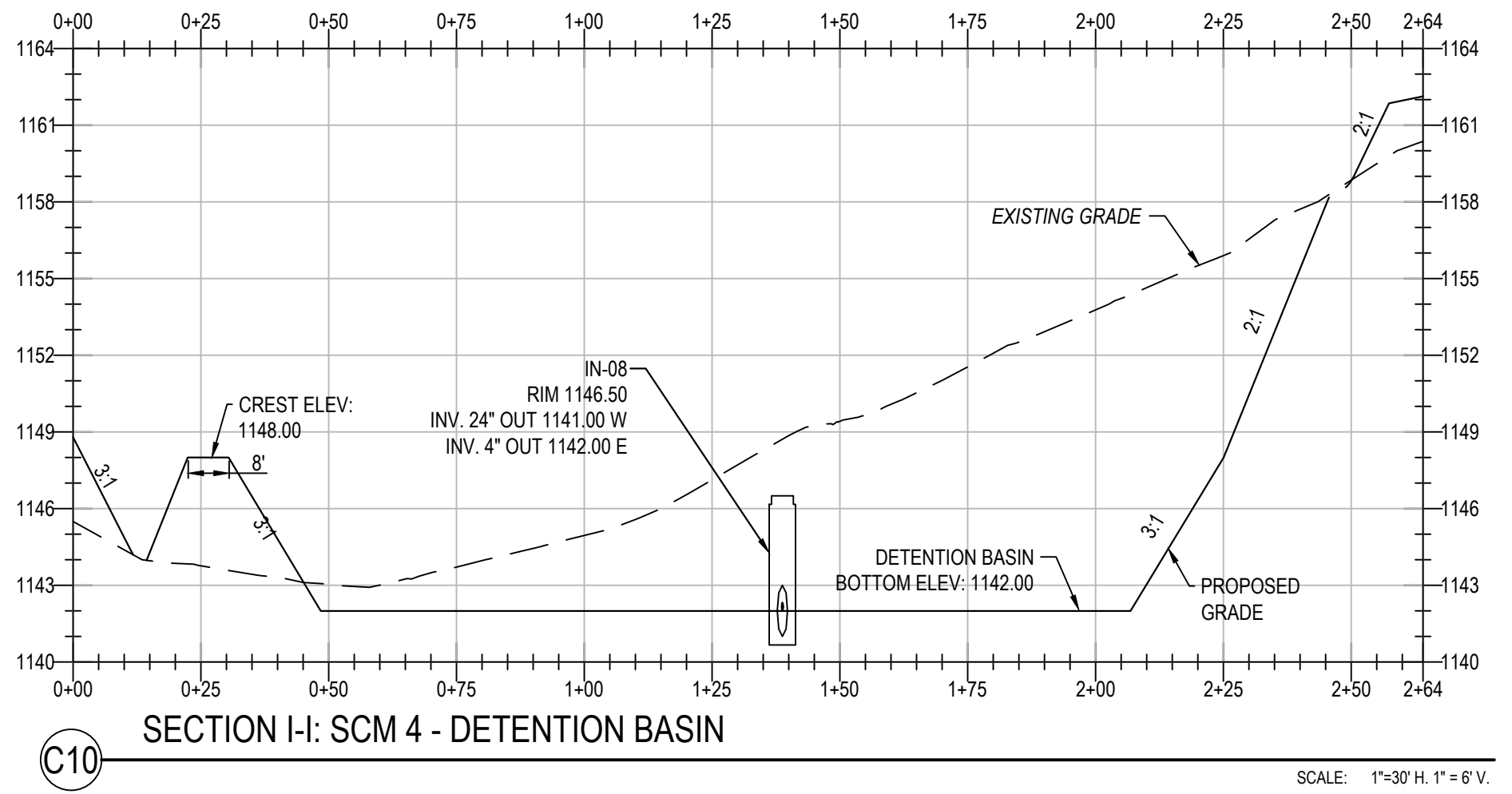
MICHAEL BAKER INTERNATIONAL, LLC

HOMER CITY STATION
1750 POWER PLANT ROAD
HOMER CITY, PA 15106

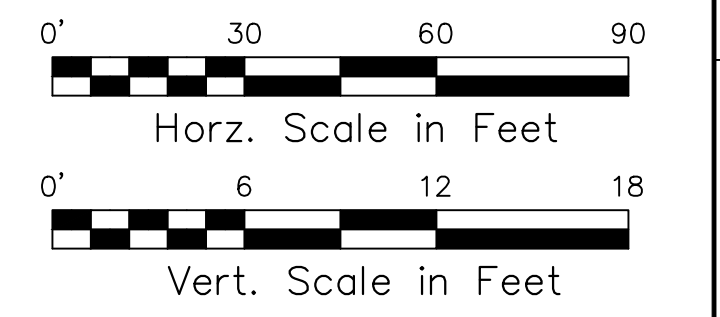
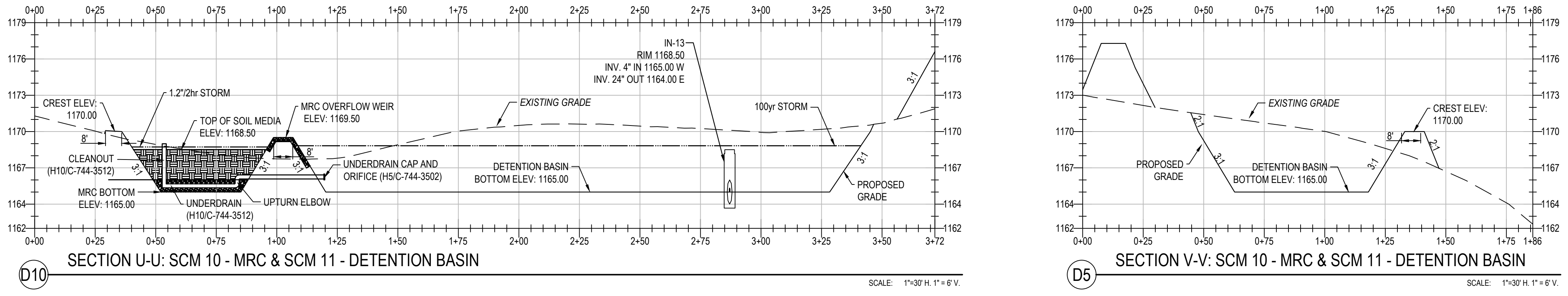
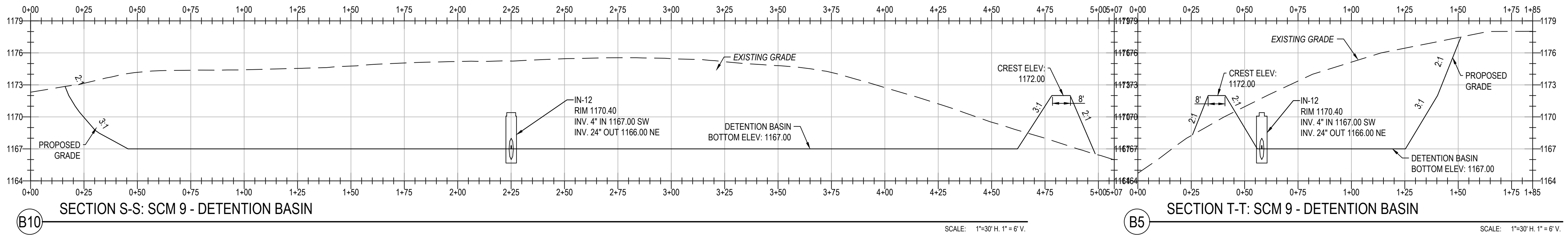
DWG. TYPE: CIVIL
TITLE: PCSM SECTIONS

PROJECT NAME: WEST FIELD

NTS	WFS01	C-744-3513	3	A
SCALE	PROJECT NO.	DRAWING NUMBER	SHEET	REV.



		MICHAEL BAKER INTERNATIONAL, LLC 150 ARDRE DRIVE MOON TOWNSHIP, PA 15108	
HOMER CITY STATION 1750 POWER PLANT ROAD HOMER CITY, PA 15106			
DWG. TYPE:		CIVIL	
TITLE:		PCSM SECTIONS	
PROJECT NAME: WEST FIELD			
NTS	WFS01	C-744-3514	4
SCALE	PROJECT NO.	DRAWING NUMBER	SHEET
A	00/20/25	DATE	REV.



Michael Baker International, LLC
 100 ARSDE DRIVE
 MOON TOWNSHIP, PA 15108

HOMER CITY STATION
 1750 POWER PLANT ROAD
 HOMER CITY, PA 15106

DWG. TYPE: **CIVIL**
 TITLE: **PCSM SECTIONS**

PROJECT NAME:	WEST FIELD			
SCALE	PROJECT NO.	DRAWING NUMBER	SHEET	REV.
NTS	WFS01	C-744-3515	5	A

REV.	DATE	MADE BY	ENGR.	SUPV/GR.
A	02/28/25	KK	NS	EZ