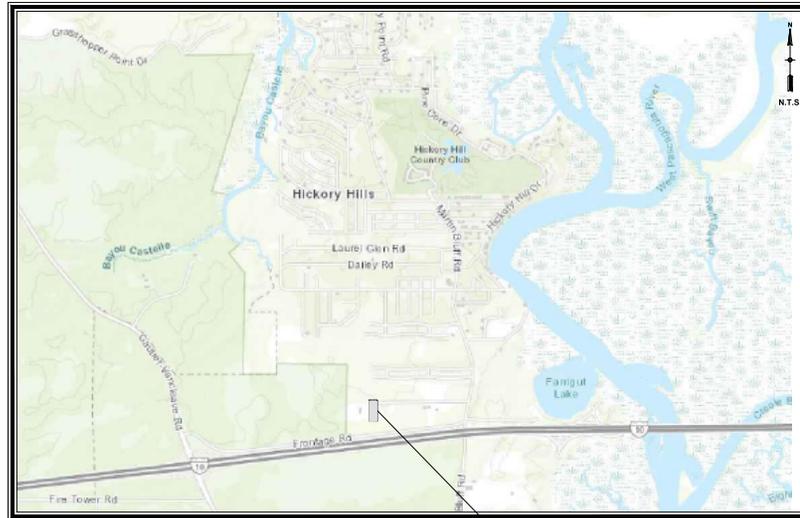


LARK PARK IMPROVEMENTS PROJECT

1905 LARK DRIVE, GAUTIER, MISSISSIPPI

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
T-101	PROJECT TITLE SHEET
G-101	GENERAL NOTES AND LEGEND
C-101	EXISTING CONDITIONS AND DEMOLITION PLAN
C-102	PROPOSED SITE IMPROVEMENT PLAN
C-103	PROPOSED GRADING AND DRAINAGE PLAN
C-104	PROPOSED UTILITIES PLAN
C-105	COURT STRIPING DETAILS
C-106	PLAYGROUND LAYOUT
C-107	CIVIL STANDARD DETAILS
C-108	CIVIL STANDARD DETAILS
C-501	SPLASH PAD DETAILS
C-502	SPLASH PAD DETAILS
C-503	SPLASH PAD DETAILS
C-504	SPLASH PAD DETAILS
C-505	SPLASH PAD DETAILS
C-506	SPLASH PAD DETAILS
C-507	SPLASH PAD DETAILS
C-508	SPLASH PAD DETAILS
A-101	RESTROOM BUILDING DETAILS
A-102	RESTROOM BUILDING DETAILS
A-103	RESTROOM BUILDING DETAILS
A-104	RESTROOM BUILDING DETAILS
ECD-1	STANDARD EROSION CONTROL DETAILS
ECD-2	STANDARD EROSION CONTROL DETAILS
ECD-3	STANDARD EROSION CONTROL DETAILS
ECD-4	STANDARD EROSION CONTROL DETAILS



JACKSON COUNTY, MS
VICINITY MAP

PROJECT SITE
LOCATION



CITY OF GAUTIER - MAYOR AND CITY COUNCIL

MAYOR	CASEY VAUGHAN
COUNCILMAN AT-LARGE	ERIC MINOR
WARD 1	CAMERON B. GEORGE
WARD 2	RICHARD "DJ" JACKSON
WARD 3	KAY C. JAMISON
WARD 4	LORENZO L. FULLER, Sr.
WARD 5	DANTE ELBIN
CITY MANAGER	CARLOS MOULDS

PROJECT LOCATION

1905 LARK DRIVE, GAUTIER, MISSISSIPPI
30° 26' 22" N, 88° 38' 21" W



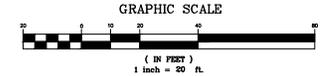
PROJECT NUMBER 24506.11	SHEET T-101	PROJECT TITLE SHEET LARK PARK IMPROVEMENTS PROJECT 1905 LARK DRIVE, GAUTIER, MISSISSIPPI	SEYMOUR ENGINEERING 605 TOMMY HUNTO DRIVE SUITE G BILOXI, MS 39202 601.373.8800 se@seymoureng.com	NO.	DATE	REVISION	BY

GENERAL PROJECT NOTES:

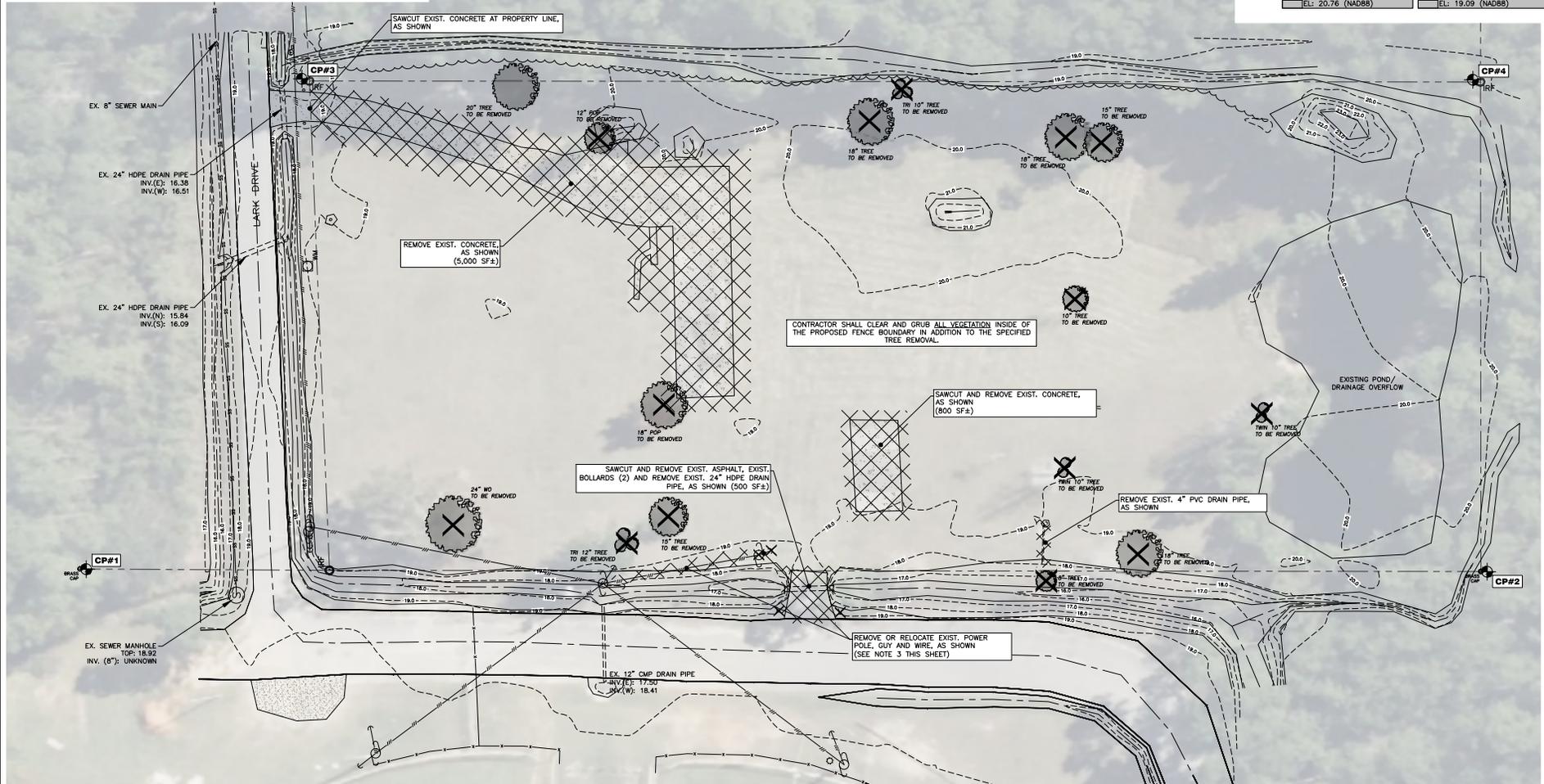
- CONTRACTOR TO CALL AND PROVIDE A UTILITIES LOCATE TO VERIFY EXISTING UTILITY LOCATIONS NOT SHOWN ON PLANS.
- CONTRACTOR TO REMOVE ALL EXISTING APPURTENANCES SHOWN PRIOR TO INSTALLING PROPOSED AMENITIES IN ACCORDANCE TO SOILS REPORT (TYPICAL).
- ALL EXISTING POWER POLES AND GUY WIRES TO BE RELOCATED BY LOCAL POWER COMPANY. CONTRACTOR TO COORDINATE WITH MS POWER COMPANY TO RELOCATE AS SHOWN ON PLANS OR BY ENGINEERING REPRESENTATIVE.

DEMOLITION PLAN LEGEND:

-  DENOTES ASPHALT, ITEMS OR CONCRETE ITEM(S) TO BE REMOVED, AS INDICATED OR AS SHOWN.
-  DENOTES TREE(S) TO BE REMOVED, AS INDICATED OR AS SHOWN.



<p>CP#1 DESCRIPTION BRASS CAP N: 34119.8010' E: 1045305.9300' EL: 19.35 (NAD88)</p>	<p>CP#3 DESCRIPTION IRON ROD FOUND N: 341820.7480' E: 1045510.2230' EL: 19.65 (NAD88)</p>
<p>CP#2 DESCRIPTION BRASS CAP N: 341330.1490' E: 1045304.8730' EL: 20.76 (NAD88)</p>	<p>CP#4 DESCRIPTION IRON ROD FOUND N: 341330.3460' E: 1045509.8080' EL: 19.09 (NAD88)</p>

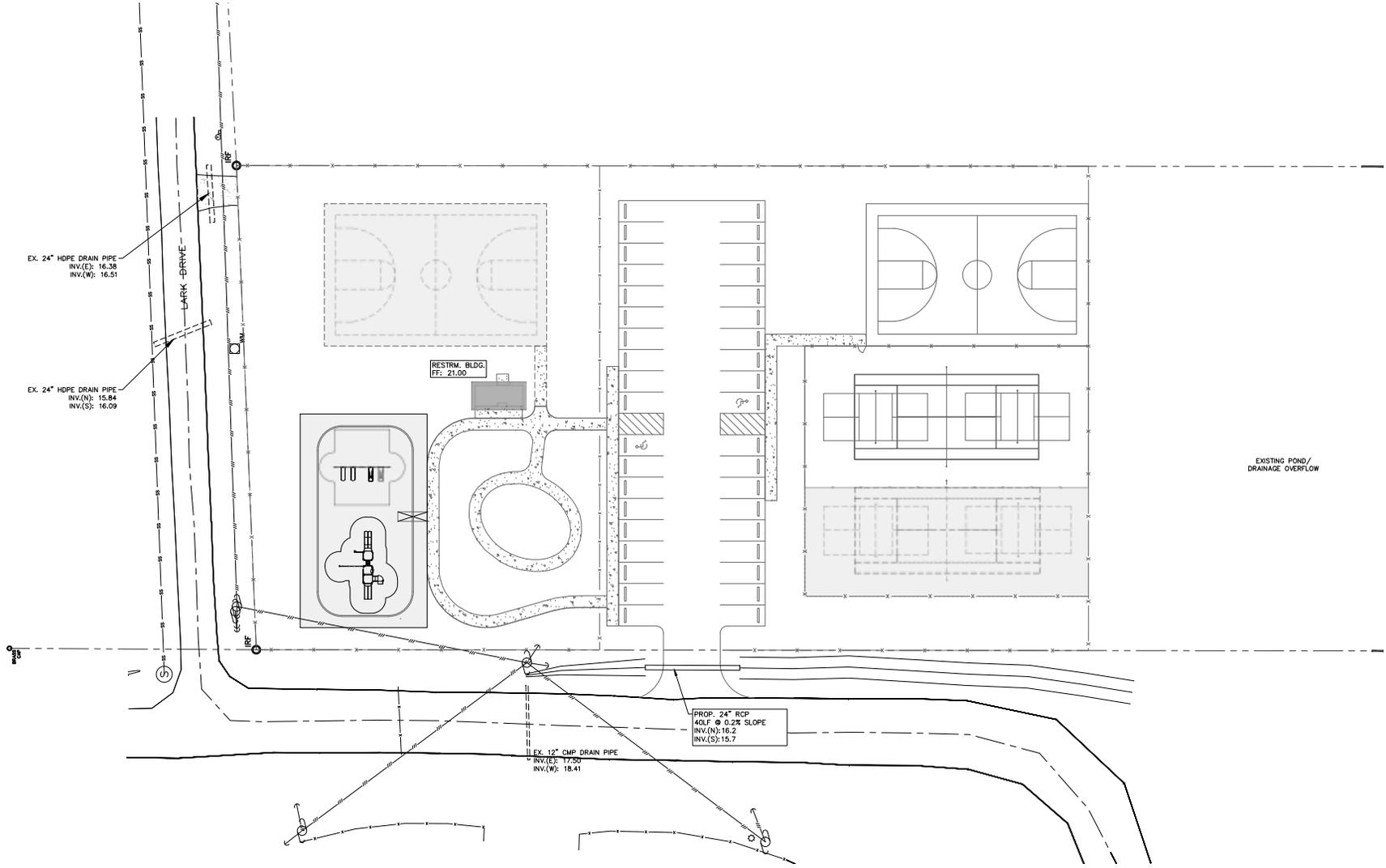
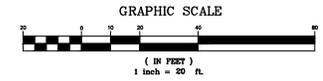


EXISTING CONDITIONS AND DEMOLITION PLAN
SCALE: 1" = 20'

<p>SEYMOUR ENGINEERING 808 TOMMY HUNTER DRIVE SUITE G BLOOMING, MS 38802 www.seymourengineering.com</p>	<p>DATE: 01/27/2026</p>
	<p>BY: _____</p>
<p>PROJECT NUMBER: 24-066-11</p>	<p>REVISION: _____</p>
<p>SHEET: C-101</p>	<p>DATE: _____</p>
<p>EXISTING CONDITIONS AND DEMOLITION PLAN</p>	<p>NO. _____</p>
<p>LARK PARK IMPROVEMENTS PROJECT</p>	<p>NO. _____</p>
<p>GAUTIER, MISSISSIPPI</p>	<p>NO. _____</p>

GENERAL PROJECT NOTES:

1. CONTRACTOR TO CALL AND PROVIDE A UTILITIES LOCATE TO VERIFY EXISTING UTILITY LOCATIONS NOT SHOWN ON PLANS.
2. CONTRACTOR TO REMOVE ALL EXISTING APPURTENANCES SHOWN PRIOR TO INSTALLING PROPOSED AMENITIES IN ACCORDANCE TO SOILS REPORT (TYPICAL).
3. ALL EXISTING POWER POLES AND GUY WIRES TO BE RELOCATED BY MS POWER COMPANY. CONTRACTOR TO COORDINATE WITH MS POWER COMPANY TO RELOCATE AS SHOWN ON PLANS OR BY ENGINEERING REPRESENTATIVE.



PROPOSED GRADING AND DRAINAGE PLAN
SCALE: 1" = 20'

NO.	DATE	REVISION	BY

DATE	01/27/2026
BY	M. LEVACOUR
CHECKED BY	M. LEVACOUR
PROJECT NO.	24-566-11
CLIENT	SEYMOUR ENGINEERING

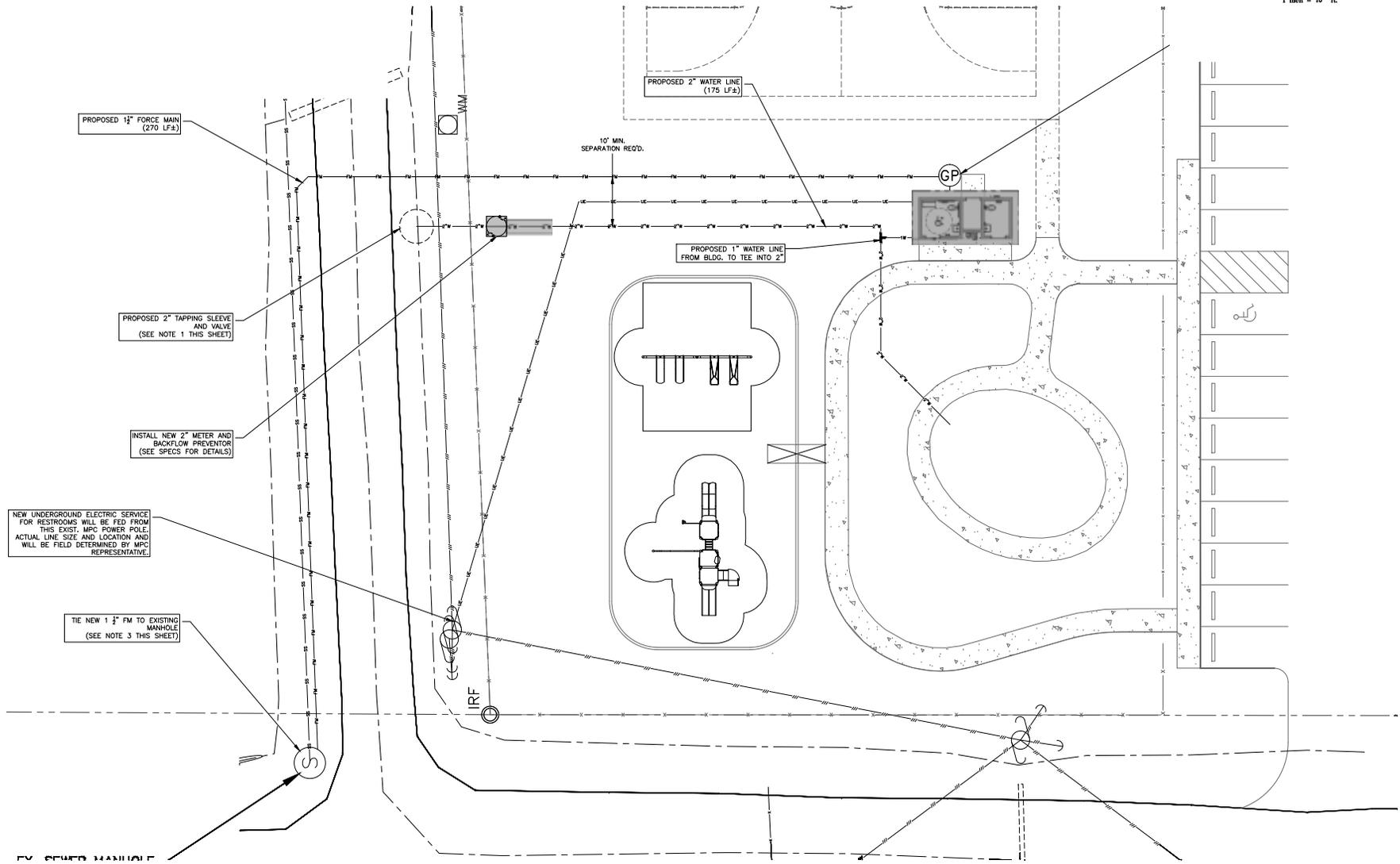
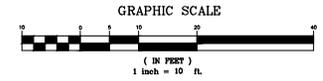
SEYMOUR ENGINEERING
 605 TOMMY HILARIO DRIVE
 SUITE G
 BLOOMING, MS 38832
 662-837-9999
 info@seymoureng.com

PROPOSED GRADING AND DRAINAGE PLAN
LARK PARK IMPROVEMENTS PROJECT
 CAUTIER, MISSISSIPPI

PROJECT NUMBER
24-566-11
 SHEET
C-103

GENERAL PROJECT NOTES:

1. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS. EXISTING WATER MAIN LOCATION IS NOT SHOWN. CONTRACTOR IS TO LOCATE EXISTING WATER MAIN PRIOR TO NEW WATER LINE TIE-IN. NEW FORCEMAIN SHALL REQUIRE A 10' MINIMUM SEPARATION DISTANCE FROM NEW WATER LINE AND THE EXISTING LINE THAT IS NOT SHOWN.
2. CONTRACTOR TO COORDINATE WITH POWER COMPANY TO REMOVE OR RELOCATE POWER POLES AND GUY WIRES AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.
3. EXISTING 8" Ø PIPE INVERT ELEVATION IN THE EXISTING SEWER MANHOLE SHOWN WAS NOT LOCATED WITH INITIAL SURVEY. CONTRACTOR TO USE EXTREME CAUTION WHEN PROVIDING FORCEMAIN TIE IN AND BE CAREFUL TO NOT DISRUPT EXISTING SERVICE.



PROPOSED 1 1/2" FORCE MAIN (270 LBS)

PROPOSED 2" WATER LINE (175 LBS)

PROPOSED 1" WATER LINE FROM BLDG. TO TEE INTO 2"

PROPOSED 2" TAPPING SLEEVE AND VALVE (SEE NOTE 1 THIS SHEET)

INSTALL NEW 2" METER AND BACKFLOW PREVENTOR (SEE SPECS FOR DETAILS)

NEW UNDERGROUND ELECTRIC SERVICE FOR RESTROOMS WILL BE FED FROM THIS EXIST. MPC POWER POLE. ACTUAL LINE SIZE AND LOCATION AND WILL BE FIELD DETERMINED BY MPC REPRESENTATIVE.

TIE THE NEW 1 1/2" FM TO EXISTING MANHOLE (SEE NOTE 3 THIS SHEET)

10' MIN. SEPARATION REQ'D.

EXIST. SEWER MANHOLE

PROPOSED UTILITIES PLAN

SCALE: 1" = 20'

NO.	DATE	REVISION

DATE	01/27/2026
BY	M. SEYMOUR
CHECKED	M. SEYMOUR
PROJECT NO.	24-066-11
CLIENT	GAUTIER, MISSISSIPPI

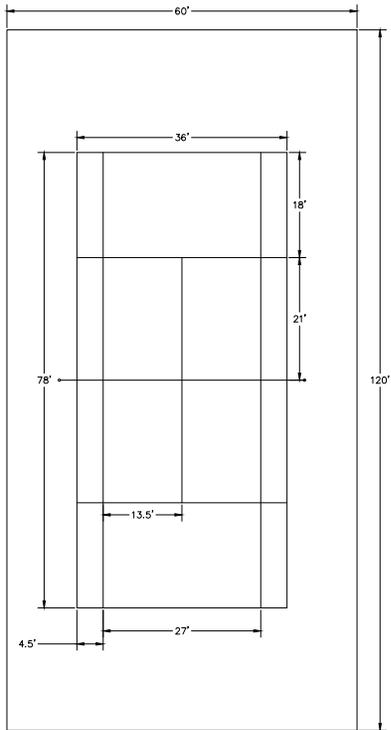
SEYMOUR ENGINEERING
 605 TOMMY HUNTO DRIVE
 SUITE G
 BLOOMING, MS 38602
 662-839-9999
 info@seymoureng.com

PROPOSED UTILITIES PLAN
 LARK PARK IMPROVEMENTS PROJECT
 GAUTIER, MISSISSIPPI

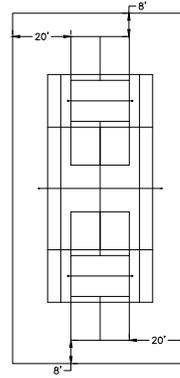
PROJECT NUMBER 24-066-11
 SHEET
C-104

NOTES:

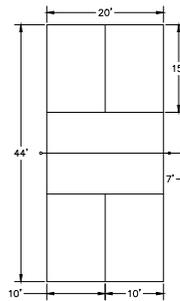
1. ALL COURT STRIPING TO BE 2" WIDE EXCEPT FOR TENNIS BASELINES AND BASKETBALL SIDELINES. TENNIS COURT BASELINES AND BASKETBALL SIDELINES TO BE 4" WIDE.
2. BASKETBALL GOAL LOCATIONS ARE NOT SHOWN. LOCATE GOALS AND INSTALL NECESSARY FOUNDATIONS PER THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE DOMINATOR S4 ALUMINUM BASKETBALL SYSTEM (2 GOALS PER COURT), OR APPROVED EQUAL.
3. TENNIS NET POSTS, NETS, CENTER STRAP, AND CENTER ANCHOR SHALL BE BY PUTTERMAN, OR APPROVED EQUAL. PICKLEBALL NETS TO BE PRO-PICKLE PORTABLE NET SYSTEM BY PUTTERMAN, OR APPROVED EQUAL.
4. ALL STRIPING SHALL MEET THE REQUIREMENTS OF THE AMERICAN SPORTS BUILDERS ASSOCIATION SPECIFICATIONS.
5. COATING SYSTEM COLORS TO BE SELECTED BY OWNER.



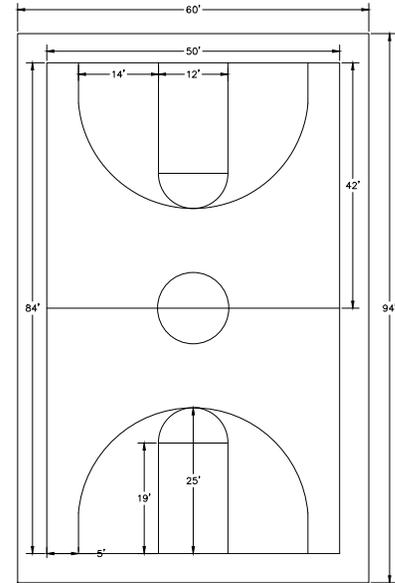
TENNIS COURT LAYOUT AND STRIPING DETAILS
SCALE: 1"=10'



PICKLEBALL COURT PLACEMENT
SCALE: 1"=20'



PICKLEBALL COURT STRIPING DETAILS
SCALE: 1"=10'

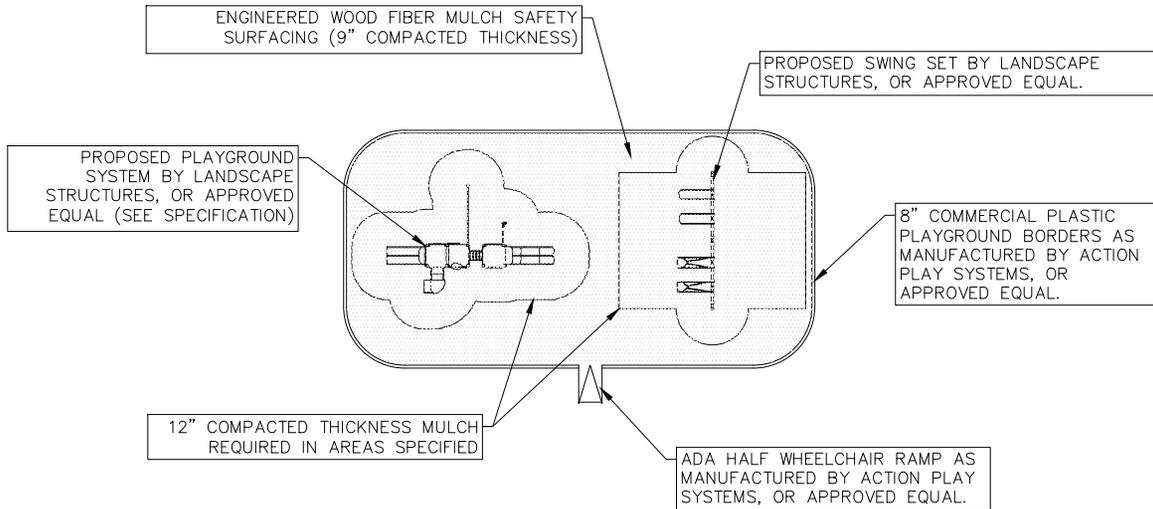


BASKETBALL COURT LAYOUT AND STRIPING DETAILS
SCALE: 1"=10'

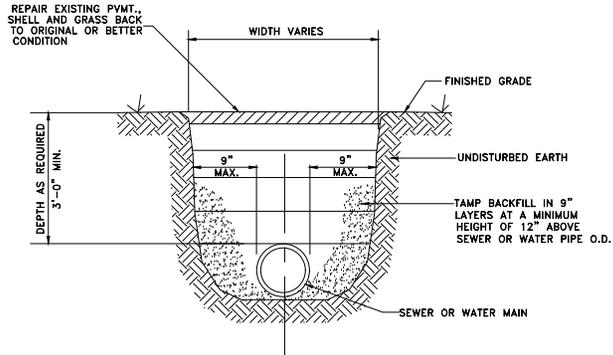
PROJECT NUMBER 24-066.11	DATE	NO.	BY
SHEET C-105	01/27/2026		REYBSON
PROJECT LARK PARK IMPROVEMENTS PROJECT 1905 LARK DRIVE GAUTIER, MISSISSIPPI	DATE	NO.	BY
OWNER SEYMOUR ENGINEERING 605 TOMMY HUNTO DRIVE SUITE G BILLOXI, MS 39032 www.seymoureng.com se@seymoureng.com	DATE	NO.	BY
PROJECT LARK PARK IMPROVEMENTS PROJECT 1905 LARK DRIVE GAUTIER, MISSISSIPPI	DATE	NO.	BY

PLAYGROUND NOTES:

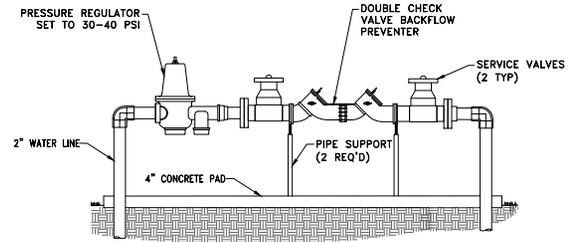
1. ENGINEERED WOOD FIBER MULCH TO BE COMPACTED TO 9" THICKNESS. 12" COMPACTED THICKNESS IS REQUIRED IN AREAS SHOWN AROUND PLAY STRUCTURES.
2. SEE SPECIFICATIONS FOR DETAILED REQUIREMENTS ON PROPOSED PLAYGROUND SYSTEM AND SWING SET.



PROJECT NUMBER 24-066.11		DATE		BY	
SHEET C-106		NO.		REVISION	
PLAYGROUND LAYOUT		DATE		BY	
LARK PARK IMPROVEMENTS PROJECT		NO.		REVISION	
1905 LARK DRIVE GAUTIER, MISSISSIPPI		NO.		REVISION	
SEYMOUR ENGINEERING		NO.		REVISION	
605 TOMMY HUNTO DRIVE		NO.		REVISION	
BLOOMING, MS 38632		NO.		REVISION	
SUITE G		NO.		REVISION	
M. SEYMOUR		NO.		REVISION	
ms@seymoureng.com		NO.		REVISION	
01/27/2026		NO.		REVISION	

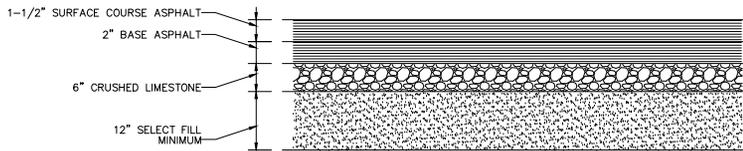


TYPICAL WATER AND SEWER LINE EMBEDMENT DETAIL SCALE: NONE

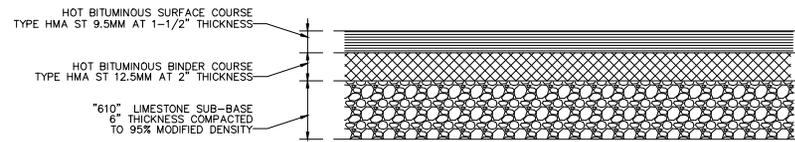


- NOTES:
1. ABOVE GROUND PIPING, VALVES, BACKFLOW PREVENTER TO BE INSULATED.
 2. ALL ABOVE GROUND PIPING TO BE GALVANIZED.
 3. DOUBLE CHECK VALVE ASSEMBLY TO BE FROM MISSISSIPPI DEPARTMENT OF HEALTH LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES.

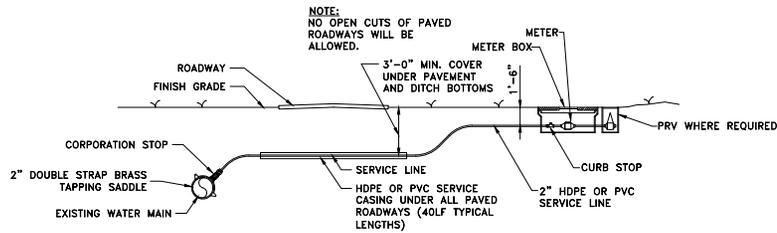
BACKFLOW PREVENTER SCALE: NONE



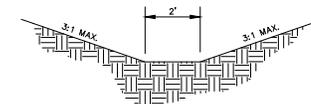
TYPICAL ASPHALT COURT SECTION NOT TO SCALE



TYPICAL ROAD REPAIR SECTION NOT TO SCALE



TYPICAL WATER SERVICE CONNECTION SCALE: NONE



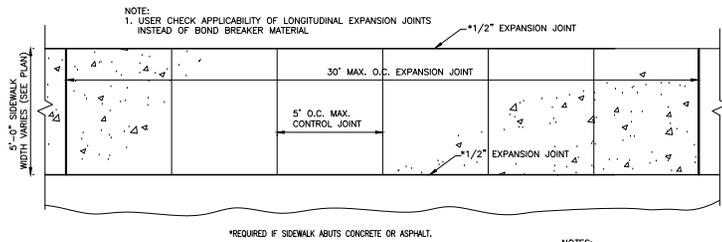
TYPICAL SWALE DETAIL SCALE: NONE

NO.	DATE	REVISION	BY

DATE	01/27/2026
BY	M. LEVACOUR
CHECKED	M. LEVACOUR
DESIGNED	M. LEVACOUR
DRAWN	M. LEVACOUR
PROJECT NO.	24-506-11
CLIENT	SEYMOUR ENGINEERING

SEYMOUR ENGINEERING
 608 TOMMY HILARIO DRIVE
 SUITE G
 BLOOMING, MISSISSIPPI 39832
 662-838-1111
 info@seymoureng.com

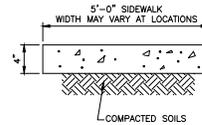
CIVIL STANDARD DETAILS
 LARK PARK IMPROVEMENTS PROJECT
 1905 LARK DRIVE, GAUTIER, MISSISSIPPI



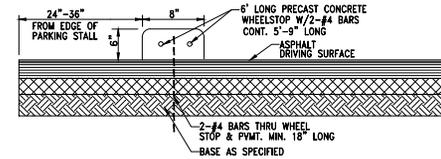
*REQUIRED IF SIDEWALK ABUTS CONCRETE OR ASPHALT.

NOTES:
 1. LONGITUDE SLOPE ARE 1:20 MAX
 2. CROSS SLOPE ARE 1:48 MAX

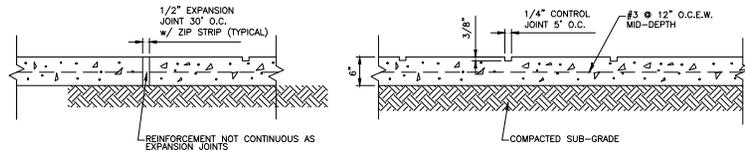
JOINT PATTERN - PLAN VIEW



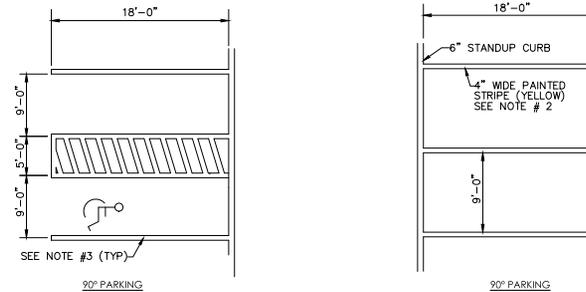
TYPICAL SIDEWALK - SECTION VIEW



PARKING LOT WHEEL STOP DETAIL NOT TO SCALE



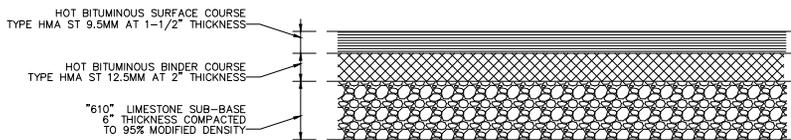
TYPICAL SIDEWALK DETAIL w/JOINT PATTERNS SCALE: NONE



NOTE #1
 MINIMUM WIDTH OF END PARKING STALLS ADJACENT TO CURB & GUTTER OR PRECAST CURB SHALL BE 9'-0" MEASURED FROM FACE OF CURB.

NOTE #2
 YELLOW PAINT FOR PARKING STALLS & TRAFFIC CONTROL SHALL BE SHERWIN WILLIAMS S-W TRAFFIC MARKING SERIES B-29Y2 OR APPROVED EQUAL.

NOTE #3
 ALL STRIPING CONTIGUOUS TO HANDICAPPED PARKING SPACES SHALL BE PAINTED BLUE.



TYPICAL ASPHALT PARKING LOT SECTION NOT TO SCALE

TYPICAL PARKING DETAIL w/STRIPING SCALE: NONE

NO.	DATE	REVISION	BY

DATE	01/27/2026
BY	M. LETOUR
CHECKED	M. LETOUR
DESIGNED	M. LETOUR
PROJECT	1905 LARK DRIVE, GAUTIER, MISSISSIPPI
CLIENT	SEYMOUR ENGINEERING
PROJECT NO.	24506.11

SEYMOUR ENGINEERING
 605 TOMMY HANCO DRIVE
 SUITE G
 BLOOMING, MS 38832
 662-839-9999
 se@seymoureng.com

CIVIL STANDARD DETAILS
 LARK PARK IMPROVEMENTS PROJECT
 1905 LARK DRIVE, GAUTIER, MISSISSIPPI

GENERAL NOTES :

1. THE SPLASH PAD EQUIPMENT DESCRIBED HEREIN IS "AQUASMART PACKAGE I" BY AQUATIX BY LANDSCAPE STRUCTURES (110 McKinley Parkway, Delano, MN 55228), OR APPROVED EQUAL. THE EQUIPMENT DESCRIBED IS PROVIDED TO CONVEY THE DESIRED DESIGN INTENT, PLAY VALUE, AND FUNCTIONAL REQUIREMENTS. EQUIVALENT PRODUCTS FROM ANY MANUFACTURER MEETING ALL SPECIFIED PERFORMANCE CRITERIA, SAFETY STANDARDS, AND DIMENSIONAL REQUIREMENTS MAY BE APPROVABLE.

REQUIRED UTILITIES:

1. DOMESTIC WATER REQUIREMENTS
2. DOMESTIC WATER SUPPLY WITH AN APPROVED BACKFLOW PREVENTER AND PRESSURE REGULATOR REGULATED TO 30 PSI TO 40PSI IN ACCORDANCE WITH LOCAL AND STATE CODES (VERIFY LINE SIZE W/ MUNICIPALITY PRIOR TO CONSTRUCTION)
2. DRAIN:
 - 4" WASTE LINE PER LOCAL CODES

GENERAL SPLASH PAD NOTES:

1. IT IS THE INSTALLERS RESPONSIBILITY TO LOCATE ALL UTILITIES AND ALL OTHER FACILITIES ABOVE AND BELOW GRADE PRIOR TO PERFORMING ANY WORK.
2. THE BACKFLOW PREVENTER ON THE WATER MAKE-UP LINE SHALL INCLUDE A PRESSURE REDUCING VALVE AND PRESSURE GAUGE. THE INSTALLER MUST SET THE INCOMING COLD WATER LINE PRESSURE BETWEEN 30 TO 40 PSI BEFORE INITIAL SPLASH PAD START-UP.
3. ELEVATIONS AND CENTER LINES ARE FOR REFERENCE PURPOSES ONLY. IT IS THE INSTALLERS RESPONSIBILITY TO DETERMINE AND VERIFY ACTUAL CENTER LINES, LOCATIONS, AND ELEVATIONS.
4. ALL MECHANICAL INSTALLATION WORK SHALL BE COMPLETED IN A WORKMAN LIKE MANNER ACCORDING TO STANDARD INDUSTRY PRACTICE.
5. DRAIN LINE CONNECTION MUST BE INSTALLED PER LOCAL CODES. CHECK WITH LOCAL PLUMBING INSPECTOR PRIOR TO CONSTRUCTION FOR PROPER DRAIN LINE CONNECTION.
6. SIGNAGE MUST BE PROVIDED IN ACCORDANCE WITH LOCAL AND STATE CODES.
7. THE OWNER IS RESPONSIBLE FOR DESIGNATING A PERSON TO OPERATE AND MAINTAIN THE SPLASH PAD AND ALL RELATED FACILITIES AND EQUIPMENT IN ACCORDANCE WITH LOCAL AND STATE OPERATION AND MAINTENANCE CODES.
8. A RECORD OF THE SPLASH PADS OPERATION AND ROUTINE MAINTENANCE MUST BE KEPT BY THE DESIGNATED OPERATOR IN ACCORDANCE WITH LOCAL AND STATE CODES.
9. TOILETS, SHOWERS, DRINKING FOUNTAINS, AND CHANGING ROOMS MUST BE CONVENIENTLY AVAILABLE TO PATRONS IN ACCORDANCE WITH LOCAL AND STATE CODES.

PLUMBING NOTES:

1. PIPING IS DRAWN FOR CLARITY AND DOES NOT NECESSARILY INDICATE EXACT ROUTING.
2. WATER SERVICE AND DRAIN PIPING TO BE SCH 80 PVC OR PER LOCAL CODES.
3. ALL NON-DRAIN PIPING MUST BE PRESSURE TESTED PRIOR TO BACKFILLING. WATER TESTING LINES AT 30 PSI FOR (2) HOUR WITH NO PRESSURE DROP IS THE PREFERRED METHOD OF TESTING. ISOLATE ALL PIPING IMPURITIES FROM THE PRESSURE OF THIS TEST, AS THEY ARE NOT DESIGNED FOR HIGH PRESSURE OPERATION AND DAMAGE MAY OCCUR. ALL TEST FAILURES SHALL BE CORRECTED.
4. ALL DISCHARGE AND DRAIN LINES MUST HAVE A MEANS FOR DRAINAGE FOR WINTERIZATION.
5. SUPPLY LINE VELOCITY NOT TO EXCEED 8 FT/SEC.
6. GRAVITY DRAIN LINE VELOCITY NOT TO EXCEED 3.0 FT/SEC.
7. DRAINAGE GRATING VELOCITY NOT TO EXCEED 15 FT/SEC.

CONCRETE NOTES:

CAST IN PLACE CONCRETE NOTES:

1. DESIGN CODE: ACI 318 LATEST EDITION.
2. VERIFY LOCAL/STATE CODES FOR TYPE, THICKNESS, & REINFORCEMENT REQUIREMENTS FOR CONCRETE SLAB.
3. MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS:

TYPE	STRENGTH	LOCATION
A	Fc=4,000PSI	SPLASH PAD & APRON
4. REINFORCING STEEL:
 - 4a) CONCRETE REINFORCEMENT TO BE #4 REBAR @ 12" O.C. EACH WAY OR EQUIVALENT WELDED WIRE MESH (W6 ON 4"x4" SPACING OR W10 ON 6"x6" SPACING)
 - 4b) DEFORMED BARS-ASTM A615 GRADE 60KSI
5. PLACE ALL ITEMS PER APPROVED SHOP DWGS. AND APPROVED CONCRETE MIX DESIGNS.
6. PROVIDE CONCRETE COVERS PER ACI 318.
7. ALL CONCRETE SURFACES TO HAVE A MEDIUM BROOM FINISH.

GENERAL CAST IN PLACE CONCRETE NOTES:

1. DESIGN CODES ACI 318 AND "ACI DETAILING MANUAL", LATEST EDITION.
2. PROVIDE ALL ACCESSORIES AND SUPPORTS NECESSARY TO SECURE REINFORCING STEEL PER "ACI DETAILING MANUAL" NO OTHER METHODS OR MATERIALS WILL BE ACCEPTABLE.
3. PROVIDE PLASTIC CHAIRS AND BAR SUPPORTS IN ALL AREAS OF EXPOSED CONCRETE.
4. PROVIDE CONCRETE PROTECTION FOR ALL REINFORCEMENT AS PER ACI 318, SECTION 7.7
5. REQUIREMENTS FOR CAST IN PLACE CONCRETE: LAP SPICES AT ALL REINFORCING IN ALL CAST IN PLACE CONCRETE SHALL BE AS FOLLOWS, U.N.D. #4 BAR=24"
6. ALL CONCRETE SURFACES TO HAVE A MEDIUM BROOM FINISH.
7. CONCRETE RE-INFORCING GRID TO BE INSTALLED AND INSPECTED AS REQUIRED BY THE LOCAL JURISDICTION.

ELECTRICAL NOTES:

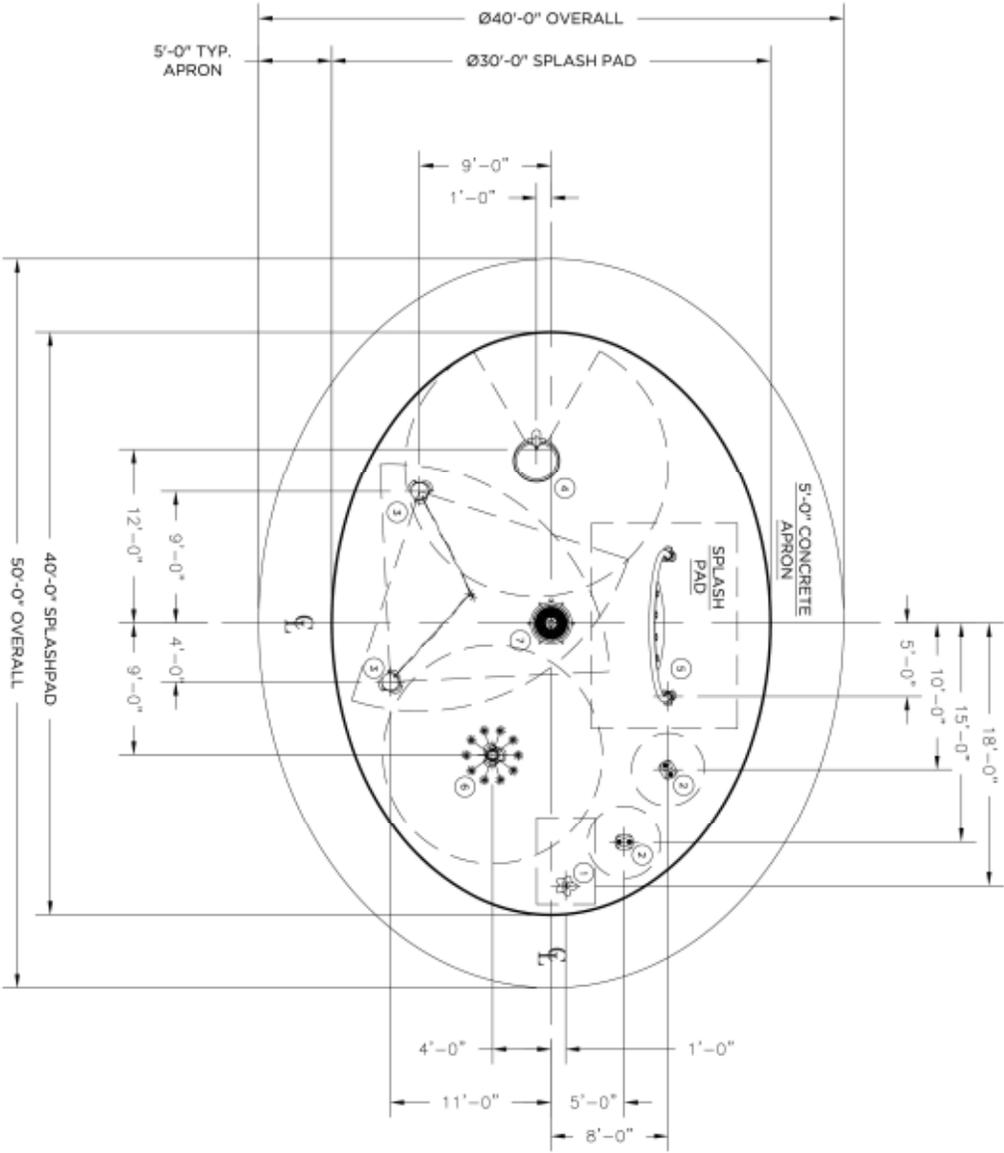
1. BONDING
 - 1a) ALL METALLIC PIPING, STRUCTURAL REINFORCEMENT AND EMBEDS REQUIRE BONDING/GROUNDING PER NEC AND LOCAL CODES.
 - 1b) ALL REQUIRED GROUNDING/BONDING TO BE APPROVED BY LOCAL JURISDICTION INSPECTOR PRIOR TO PLACING CONCRETE.



AQUASMART™ PACKAGE I SPLASH PAD

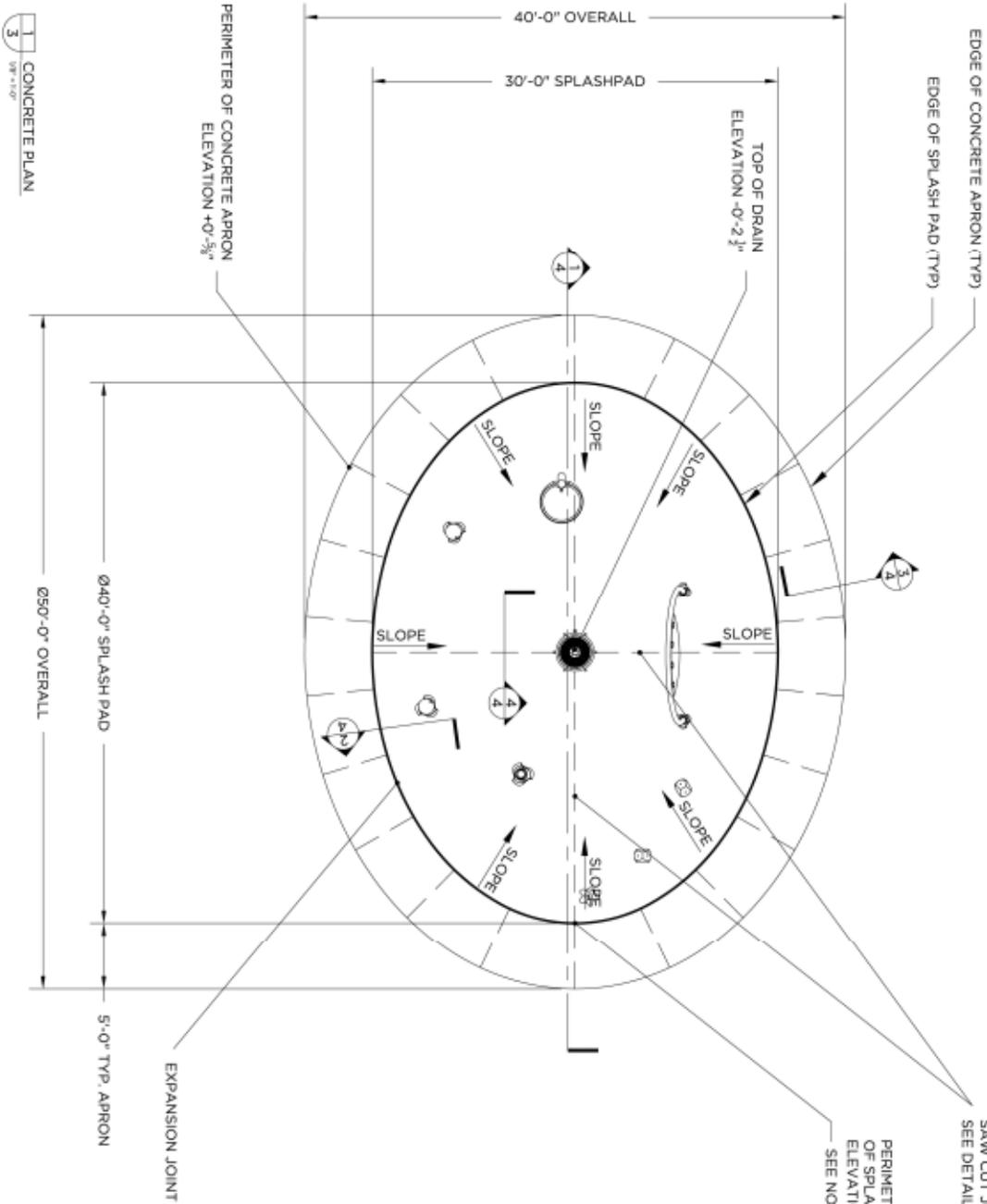
GENERAL SPLASH PAD DATA				
NOMINAL TOTAL SURFACE AREA: 1,570sq.ft.				
NOMINAL TOTAL FEATURE FLOW: 54 GPM				
NOMINAL FEATURE FLOW RATE:				
NO	PRODUCT	QTY	LINE SIZE	GPM
1	FLORASWIRL	1	1"	5
2	GEMSTER SMALL	2	1½"EA	26A
3	HYDROSPHERE	2	1" EA	32A
4	MINI FLASH-FLOOD	1	1½"	10
5	RIPPLEIN MEDIUM W/ACRYLIC	1	1"	10
6	SPRAYSTACKER	1	1½"	12

PROJECT NUMBER 24-056.11	SHEET C-501	SPLASH PAD DETAILS	LARK PARK IMPROVEMENTS PROJECT 1905 LARK DRIVE GAUTIER, MISSISSIPPI		PROJECT NUMBER 24-056.11 SHEET C-501
NO.	DATE	REVISION	CADD USER/ISSUED PROJECT M. LEVACOUR DATE 01/27/2026	USER/ISSUED PROJECT M. LEVACOUR DATE 01/27/2026	USER/ISSUED PROJECT M. LEVACOUR DATE 01/27/2026



NO	PRODUCT	QTY	LINE SIZE	QTY
1	FLOORING	1	1"	5
2	GEOMETRIC SMALL	2	1 1/2"	30A
3	HYDROBLING	2	1"	30A
4	MINI FLASH-LOD	1	1 1/2"	30
5	REPAIR/REINFORCING	1	1"	30
6	SPRAY/COATER	1	1 1/2"	30
7	HYDROLOGIX	1	-	-

NOTE:
 1. ALL CONCRETE SLOPES TO BE 1/4" FT MIN.
 2. SITE ELEVATIONS OF SPLASH PAD AND CONCRETE APRON TO BE VERIFIED BY OTHER, ADJACENT TO THE PERIMETER EDGE OF THE SPLASH PAD. ALL OTHER NOTED ELEVATIONS ARE REFERENCED FROM THAT POINT.
 3. ALL CONCRETE SURFACES SHALL BE FINISHED TO A FLAT/LEVEL SURFACE FOR PROPER INSTALLATION AND INDIVIDUAL STRUCTURE MOUNTING INSTALLATION INSTRUCTIONS.
 4. ——— INDICATES SAW CUT JOINT.
 5. ——— INDICATES CONCRETE JOINT.
 6. THE INTENT OF A SPLASH PAD IS TO BE A DRY DECK WITH NO STANDING WATER. THE WATER IS TO BE CONTAINED WITHIN THE PERIMETER OF THE DRAINAGE BOX. THE CONCRETE TO BE FORMED AND SLOPED TO ACCOMMODATE THIS DRAIN PATTERN.
 7. THIS DESIGNER HAS NOT CONDUCTED A VISUAL INSPECTION OF THE SITE. THE SLOPE OF THE APRON SHALL BE SHARPER TO ALLOW WATER TO BE DRAINED INTO THE SPLASH PAD DECK.
 8. ALL CONCRETE SURFACES TO HAVE A MEDIUM BRUSH FINISH IN ALL STRAIGHTS AND 45° NOT TO INTERFERE WITH EXPANSION AND SAW CUT JOINTS.
 9. ——— INDICATES SPLASH ZONE.
 10. ——— INDICATES ACTUAL SPLASH ZONE. SPLASH ZONE MAY VARY BASED ON VARIOUS ENVIRONMENTAL CONDITIONS, FLOW RATES, SLOPE OF THE SPLASH PAD, SUBMERGENCE DEPTH AND WIND.



EDGE OF CONCRETE APRON (TYP)
 TOP OF DRAIN ELEVATION -0'-2 1/4"
 PERIMETER EDGE OF SPLASH PAD ELEVATION 0'-0"
 EXPANSION JOINT
 5'-0" TYP. APRON

CONCRETE PLAN
 39'-0" OVERALL

- NOTE:
1. ALL CONCRETE SLOPES TO BE 1/4" FT MIN.
 2. SITE ELEVATIONS OF SPLASH PAD AND CONCRETE APRON TO BE VERIFIED BY OTHERS AQUATIC ELEVATION REFERENCE IS 0'-0" FOR TOP OF DRAIN. ALL OTHER NOTED ELEVATIONS ARE REFERENCED FROM THAT POINT.
 3. SURFACE MOUNTED STRUCTURES MAY REQUIRE A SLOPE TO BE MAINTAINED FOR PROPER DRAINAGE.
 4. ALL LEVEL SURFACES FROM PROTECTIVE MILLION INCHES TO BE FINISHED WITH A MEDIUM SMOOTH FINISH.
 5. INDICATES SAW CUT JOINT
 6. THE FINISH SURFACE SHALL BE ADRY DECK WITH NO STANDING WATER. THE WATER IS TO BE CONTAINED WITHIN THE PERIMETER OF THE SPLASH PAD AND ALL WATER IS TO DRAIN TO BE FINISHED AND SLOPED TO ACCOMMODATE THIS DRAIN PATTERN.
 7. IT IS RECOMMENDED THAT THE SURROUNDING WALKWAY BE SLOPED TO ALLOW WATER TO DRAIN AWAY FROM THE PERIMETER OF THE SPLASH PAD.
 8. ALL CONCRETE SURFACES TO HAVE A MEDIUM SMOOTH FINISH.
 9. ARRANGE WATER PLAY STRUCTURES AND LET NOT TO BE FINISHED WITH EXPANSION AND SAW CUT JOINTS.
 10. INDICATES SPLASH ZONE.
 11. SPLASH ZONES ARE APPROXIMATE ACTUAL SPLASH ZONE WAS MEASURED ON VARIOUS SLOPES OF THE SPLASH PAD, SUBMERGENCE DEPTH AND WIND.

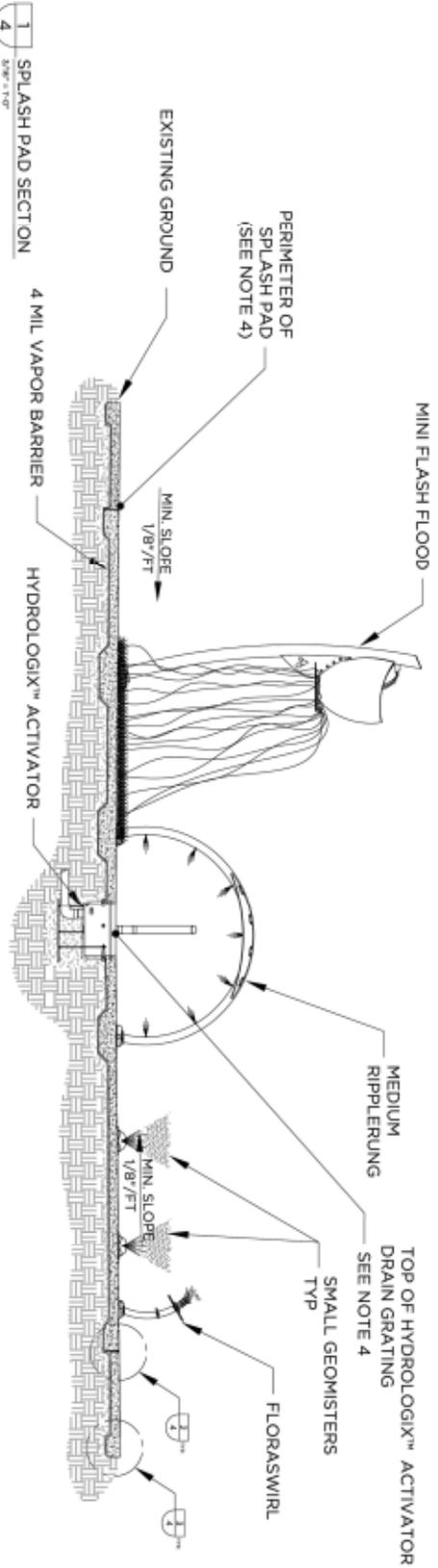
PROJECT NUMBER
 SHEET
C-503

SPLASH PAD DETAILS
 LARK PARK IMPROVEMENTS PROJECT
 1905 LARK DRIVE GAUTIER, MISSISSIPPI

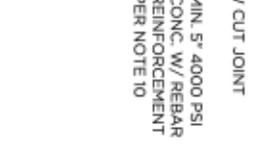
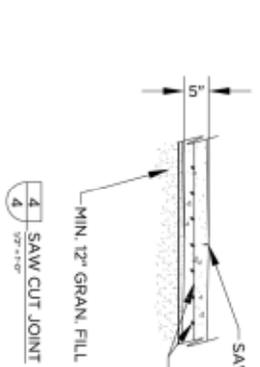
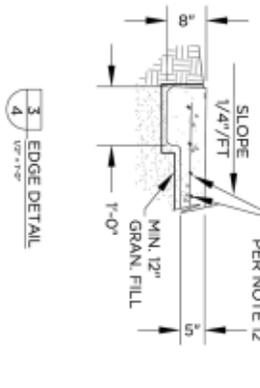
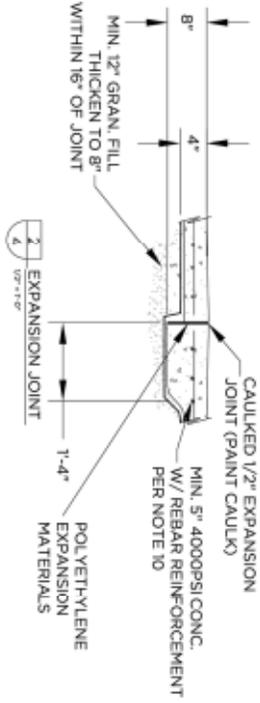
SEYMOUR ENGINEERING
 925 TOMMY MUNRO DRIVE
 SUITE G
 BILOXI, MS 39532
 (228) 365-5238
 se@seymoureng.com

CAD	VENDOR / CADD	NO.	DATE	REVISION	BY
1	J. BRICK				
2	M. SEYMOUR				
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					
66					
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					
77					
78					
79					
80					
81					
82					
83					
84					
85					
86					
87					
88					
89					
90					
91					
92					
93					
94					
95					
96					
97					
98					
99					
100					

- NOTE: (CONTINUED)
- CONCRETE TO BE THICKENED AT ALL PRODUCT INSTALLATION LOCATIONS (NOT EMBED AND ABOVE GROUND STRUCTURES). REFER TO INSTALLATION DRAWINGS FOR EACH PRODUCT.
 - ALL CONCRETE SLOPES TO BE 1/8"/FT MIN.
 - SITE ELEVATIONS OF SPLASH PAD AND CONCRETE APRON TO BE VERIFIED BY OTHERS. AQUATIX ELEVATION REFERENCE IS 0.00 FOR TOP EDGE OF SPLASH PAD. THE INTENT OF A SPLASH PAD IS TO BE A DRY DECK WITH NO STANDING WATER. WATER IS TO BE CONTAINED WITHIN THE PERIMETER OF THE SPLASH PAD AND ALL WATER IS TO DRAIN INTO COLLECTOR BOX. THE CONCRETE IS TO BE FORMED AND SLOPED TO ACCOMMODATE THE DRAIN PATTERN.
 - ALL SPLASH PAD WATER IS INTENDED TO REPAIR WITHIN DESIGNATED SPLASH PAD DECK. UNDER NO CIRCUMSTANCES SHOULD SLOPE OF SPLASH PAD OR SLOPE OF SURROUNDING AREA ALLOW WATER TO DRAIN OFF PAD.
- NOTE: (CONTINUED)
- IT IS RECOMMENDED THAT THE SURROUNDING HARDSCAPE AREA BE SLOPED TO ALLOW WATER TO BE DRAINED INTO THE SPLASH PAD DECK
 - ALL CONCRETE SURFACES TO HAVE A MEDIUM BROOM FINISH
 - COORDINATE EXACT LOCATION OF SAW CUTS AND EXPANSION JOINTS WITH PLAY EQUIPMENT LOCATIONS.
 - VERIFY LOCAL/STATE CODES FOR TYPE, THICKNESS, & REINFORCEMENT REQUIREMENTS FOR CONCRETE SLAB
 - CONCRETE REINFORCEMENT TO BE #4 REBAR @ 12" O.C. EACH WAY OR EQUIVALENT WELDED WIRE MESH (W6 OR 1/4" SPACING OR W10 OR 5" X6" SPACING)
 - 1/2" OF GRANULAR FILL RECOMMENDED, OR AS SOIL CONDITIONS AND/OR LOCAL CODE REQUIRES WITH A MINIMUM OF 2500 PSF SOIL BEARING CAPACITY
 - THERE IS TO BE A MINIMUM OF 6" OF GRANULAR FILL AROUND ALL PIPING



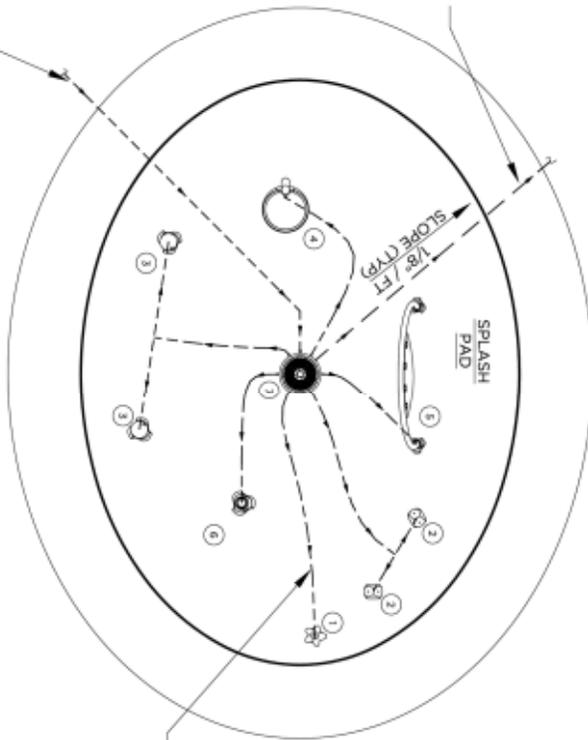
NOTE:
-IF THERE IS A CONCERN WITH SOIL MOVEMENT, IT IS RECOMMENDED THAT THE APRON IS TO BE DOWELED TO THE SPLASH PAD AS SHOWN BELOW



CAD VENDOR / CADD	NO.	DATE	REVISION	BY
Programmer J. BRICK				
Approver M. SEYMOUR				
DATE 01/27/2026				

2" DOMESTIC WATER
SUPPLY LINE (BY OTHERS)

4" DRAIN LINE
(BY OTHERS)



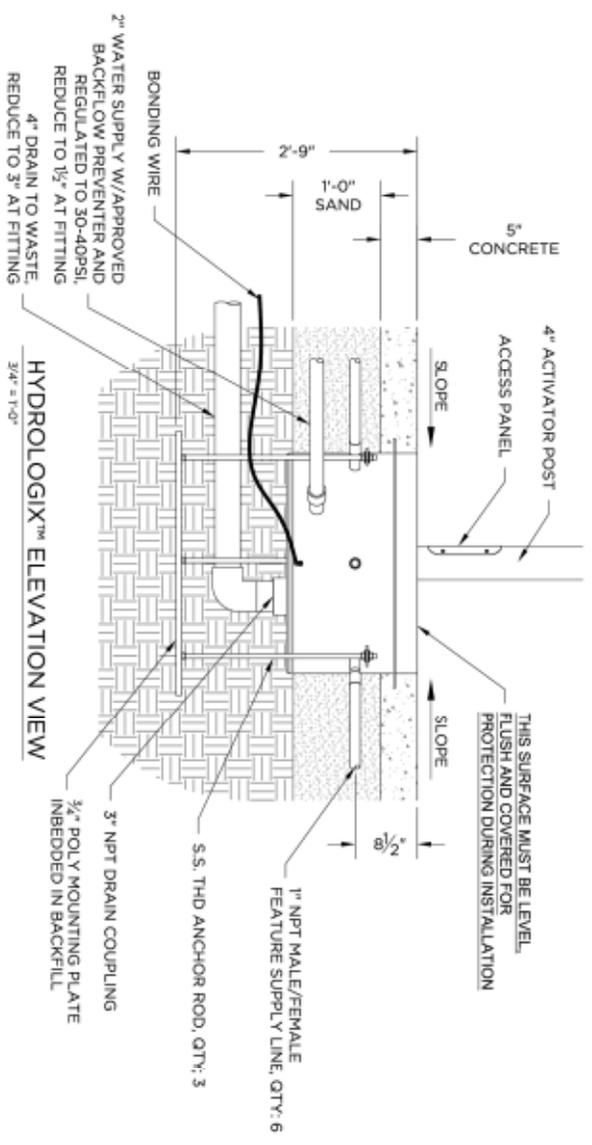
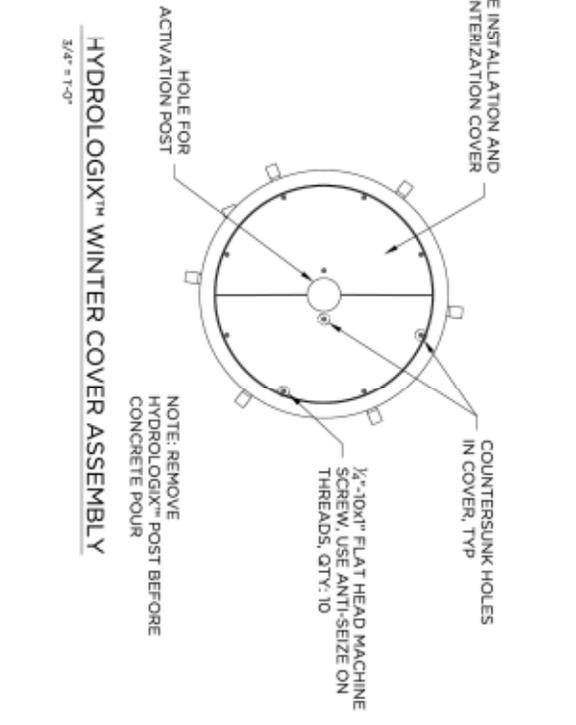
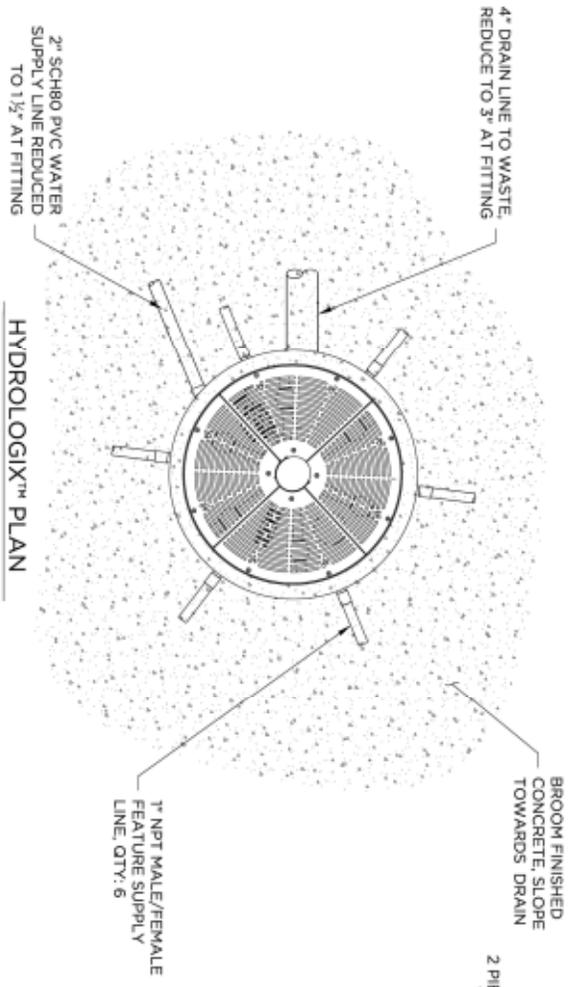
PRE-ENGINEERED PIPING
SYSTEM (TYP)

NO	PRODUCT	QTY	LINE SIZE	DRN
1	FLOORWALK	1	1"	5
2	DISCHARGE SMALL	2	1 1/2"	25A
3	HYDROPHONE	2	1" CA	55A
4	MIN FLASH-LOAD	1	1 1/2"	15
5	BRUSHLESS MOTOR W/CONTROL	1	1"	15
6	SPRAYHEADS	1	1 1/2"	15
7	HYDROLOGER	1	---	---

- NOTE:
1. ALL SUPPLY AND DRAIN LINES TO SLOPE 1/4" FT AWAY FROM SPLASH PAD.
 2. GRAVITY DRAIN LINE VELOCITY NOT TO REFER TO SPEC SHEET AND INSTALLATION DRAWING FOR EACH PRODUCT.
 3. ALL LINES FROM PIPE MANIFOLDS TO AND BEHIND SPLASH PAD BE PROVIDED WITH PRESSURE RELIEF VALVE OR WATER METER ON THE CITY WATER MAIN SHALL BE PROVIDED BY OTHERS.
 4. SPACT SIGHTING OR SPRING TO BE PROVIDED WITH AN APPROVED REGULATOR SET TO 30-40PSI IN ACCORDANCE WITH LOCAL AND STATE CODES.
 5. INCOMING FRESH WATER SUPPLY TO BE PROVIDED WITH AN APPROVED REGULATOR SET TO 30-40PSI IN ACCORDANCE WITH LOCAL AND STATE CODES.

LEGEND	
---	SUPPLY LINE
---	DRAIN LINE
---	SUCTION LINE
---	ELECTRICAL CONDUIT
⊗	MANUAL VALVE
▶	FLOW DIRECTION
⊗	ACTUATED VALVE





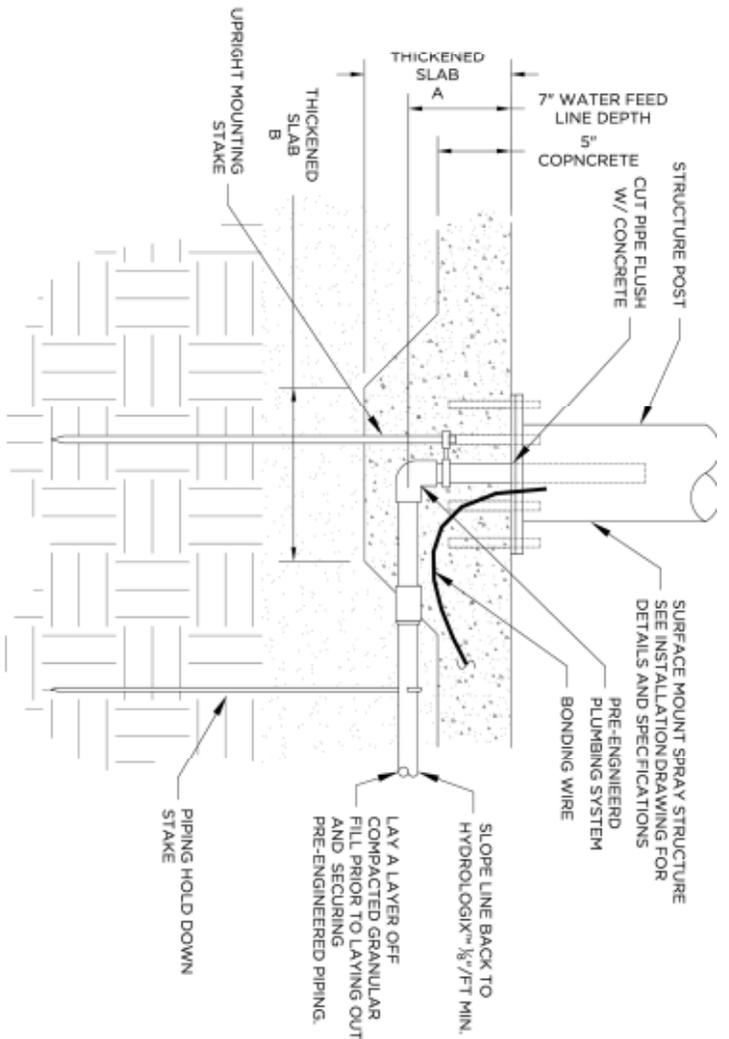
NOTE:
 REMOVE AND DISCARD 1/4"-20 FPHMS SCREWS AFTER CONCRETE FINISHING. REPLACE WITH PROVIDED SECURITY FASTENERS. APPLY ANTI-SEIZE TO THREADS PRIOR TO INSTALLATION.

C-506

PROJECT NUMBER: 5887
 SPLASH PAD DETAILS
 LARK PARK IMPROVEMENTS PROJECT
 1905 LARK DRIVE GAUTIER, MISSISSIPPI

SEYMOUR ENGINEERING
 925 TOMMY MUNRO DRIVE SUITE G
 BILOXI, MS 39532
 (228) 365-2266
 se@seymoureng.com

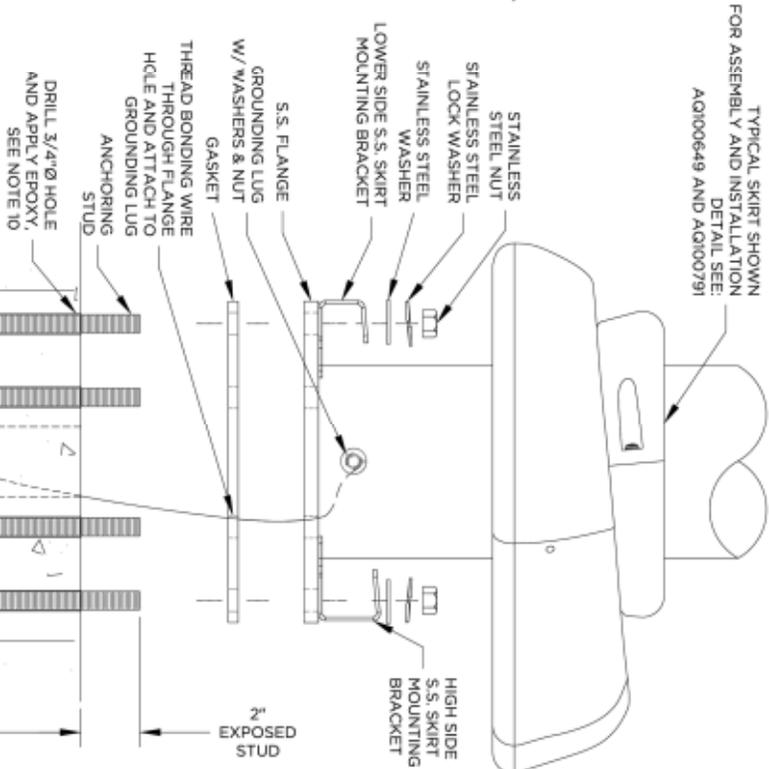
CAD	VENDOR / CADD	NO.	DATE	REVISION	BY
Engineer	J. BRICK				
APPROVED	M. SEYMOUR				
DATE			01/27/2026		



1 ABOVE GROUND STRUCTURE DETAIL
1-1/2" = 1'-0"

- NOTES:**
1. THICKEN CONCRETE SLAB UNDER STRUCTURE.
 2. CONCRETE WILL NEED TO BE CURED A MINIMUM OF 7 DAYS BEFORE INSTALLING STRUCTURE.
 3. CONCRETE MOUNTING SURFACE FOR STRUCTURE INSTALLATION NEEDS TO BE LEVEL AND FLAT.
 4. AFTER MARKING HOLE LOCATIONS FOR ANCHOR STUDS, REMOVE STRUCTURE BEFORE DRILLING AND INSTALLING ANCHOR STUDS, AND VACUUM OUT HOLES TO REMOVE DEBRIS.
 5. REFER TO MANUFACTURER'S INSTRUCTIONS FOR EPOXY ANCHOR INSTALLATION AND CURING TIMES.
 6. USE 'ANTI-SEIZE LUBRICANT' ON ALL STAINLESS STEEL THREADED FASTENERS.
 7. USE LOC-TITE ONLY WHEN/WHERE SPECIFIED.
 8. TORQUE SPECS FOR 5/8"-11 UNC MOUNTING BOLTS: 65 FT.LB
 9. BOND IN ACCORDANCE WITH NEC ARTICLE 680.
 10. TO PREVENT DAMAGE OR PERSONAL INJURY, REMOVAL OF THE NOZZLE ASSEMBLIES OF ALL ABOVE GROUND STRUCTURES AND GROUND SPRAY EFFECTS IS REQUIRED DURING START-UP AND WINTERIZATION PROCEDURES.

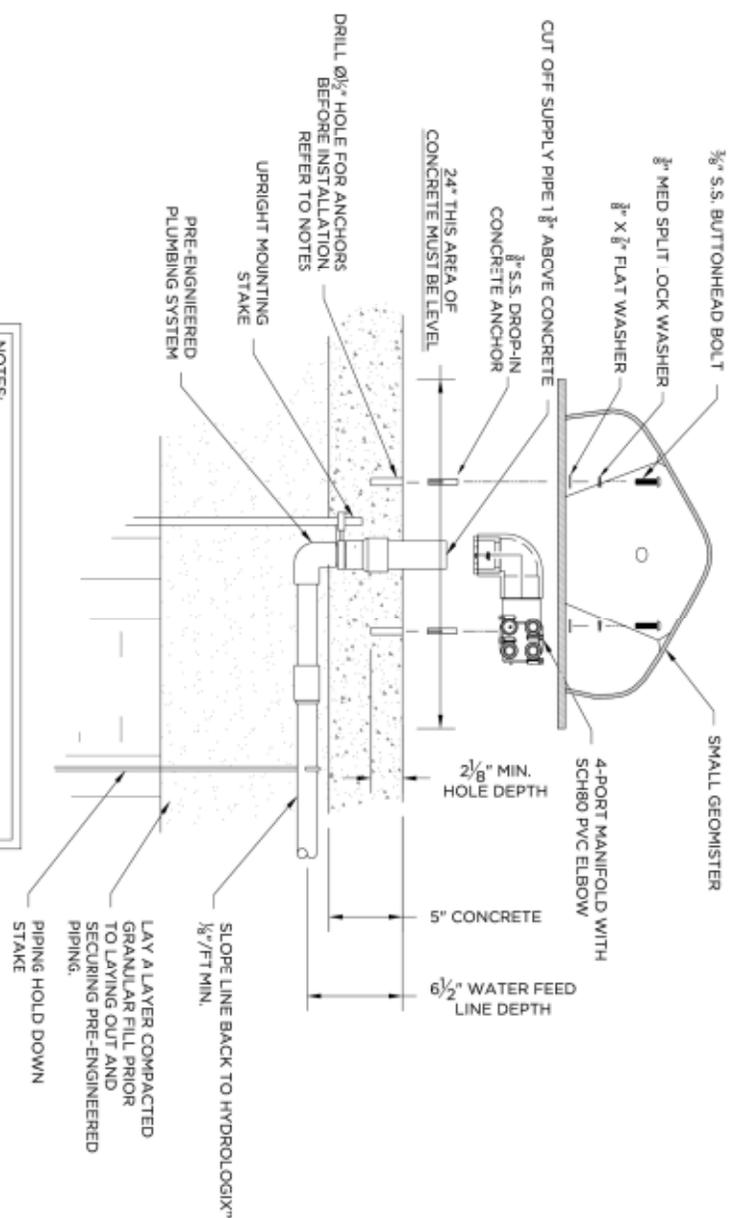
THICKENED SLAB DIMENSIONS	
PRODUCT	
HYDROSPHERE	12" 24"
MINI FLASH FLOOD	12" 60"
RIPPLEBURG	12" 27"
(EACH LEG)	
SPRAYSTACKER	12" 24"



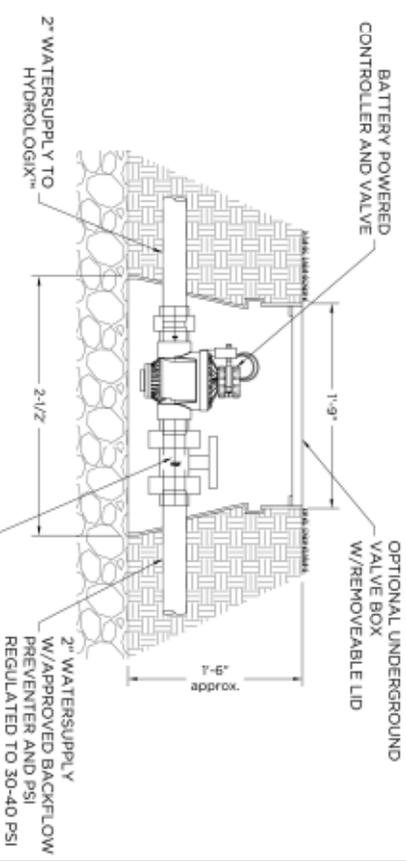
2 ANCHORING DETAIL
3" = 1'-0"

TYPICAL SKIRT SHOWN FOR ASSEMBLY AND INSTALLATION
DETAIL SEE: AQ100649 AND AQ100791

CAD	VENDOR / CADD	NO.	DATE	REVISION	BY
Engineer	J. BRICK				
Approver	M. SEYMOUR				
Date			01/27/2026		



- NOTES:**
1. CONCRETE WILL NEED TO BE CURED A MINIMUM OF 7 DAYS BEFORE INSTALLING STRUCTURE.
 2. CONCRETE MOUNTING SURFACE FOR STRUCTURE INSTALLATION NEEDS TO BE LEVEL AND FLAT.
 3. SUPPLY LINE SIZE TO BE BASED ON DESIGNED FLOW RATE FOR STRUCTURE. SEE STRUCTURE INSTALLATION DRAWING FOR LINE SIZE.
 4. AFTER MARKING HOLE LOCATIONS FOR ANCHOR STUDS, REMOVE STRUCTURE BEFORE DRILLING AND VACUUM OUT HOLES TO REMOVE DEBRIS.
 5. REFER TO MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF DROP-IN ANCHORS.
 6. USE 'ANTI-SEIZE LUBRICANT' ON ALL STAINLESS STEEL THREADED FASTENERS.
 7. USE LOC-TITE ONLY WHEN/WHERE SPECIFIED.
 8. TORQUE SPECS FOR 1/2-13 UNC MOUNTING BOLTS: 65 FT.LB.
 9. BOND IN ACCORDANCE WITH NEC ARTICLE 680, TO PREVENT DAMAGE OR PERSONAL INJURY, REMOVE OF THE NOZZLE ASSEMBLIES OF ALL ABOVE GROUND STRUCTURES AND GROUND SPRAY EFFECTS IS REQUIRED DURING START-UP AND WINTERIZATION PROCEDURES.



SMALL GEOMISTER DETAILS

1 1/2" = 1'-0"

CAD	VENDOR / CADD	NO.	DATE	REVISION	BY
ENGINEER	J. BRICK				
APPROVED	M. SEYMOUR				
DATE			01/27/2026		

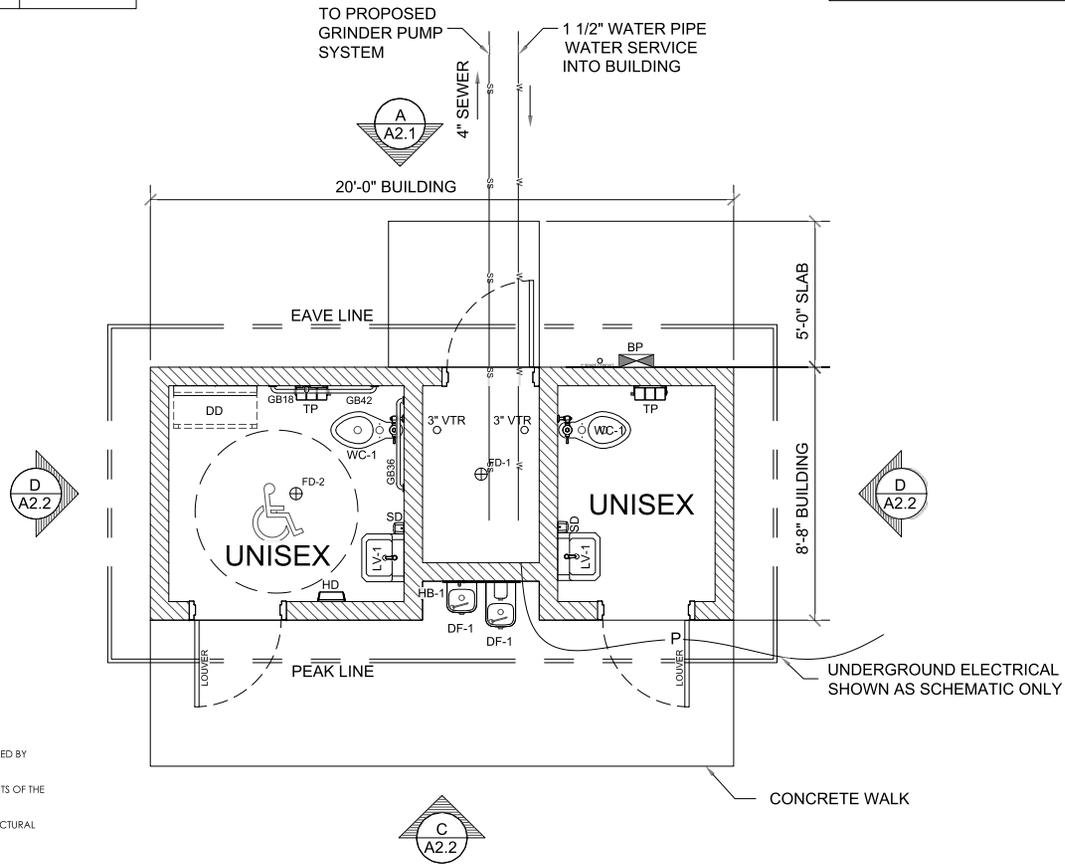
SEYMOUR ENGINEERING
 925 TOMMY MUNRO DRIVE
 SUITE G
 BILLOXI, MS 39532
 (228) 365-2258
 see@seymoureng.com

SPASH PAD DETAILS
 LARK PARK IMPROVEMENTS PROJECT
 1905 LARK DRIVE GAUTIER, MISSISSIPPI

PROJECT NUMBER
 SHEET
C-508

LEGEND		
SYMBOL	DESCRIPTION	AREA/ QUANTITY
	EXTERIOR WALL LIGHTS	4
	INTERIOR CEILING LIGHTS	3

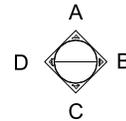
WALL TYPE SCHEDULE	
	8" REINFORCED CONCRETE MASONRY BLOCK WALL WITH MORTAR JOINTS, GROUTED SOLID ALL CELLS RUNNING BOND PATTERN.



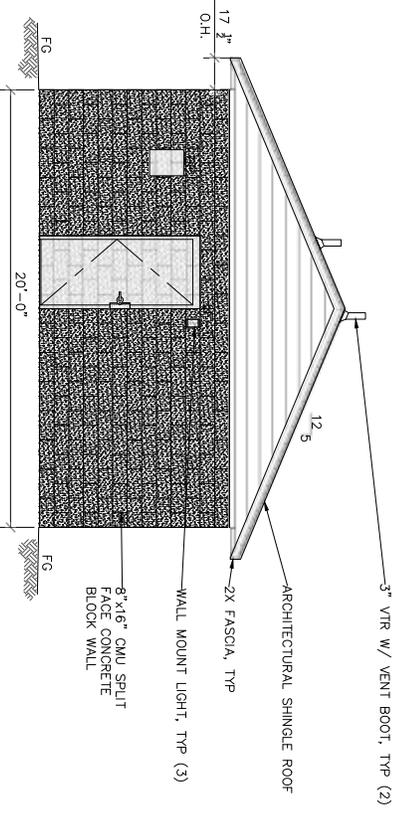
BUILDING NOTES:

- RESTROOM BUILDING IS TO BE PRE-ENGINEERED AND ASSEMBLED ON SITE AS MANUFACTURED BY ROMTEC, INC., OR APPROVED EQUAL.
- BUILDING SHALL BE DESIGNED TO WITHSTAND 140 MPH WINDS AND MEET ALL REQUIREMENTS OF THE 2018 ICC BUILDING CODE FOR THE "HIGH WIND REGION".
- BUILDING DETAILS SHOWN DEPICT GENERAL DESIGN INTENT. FINAL DIMENSIONS AND STRUCTURAL DETAILS TO BE SUBMITTED AND APPROVED BY ENGINEER. SEE SPECIFICATIONS.

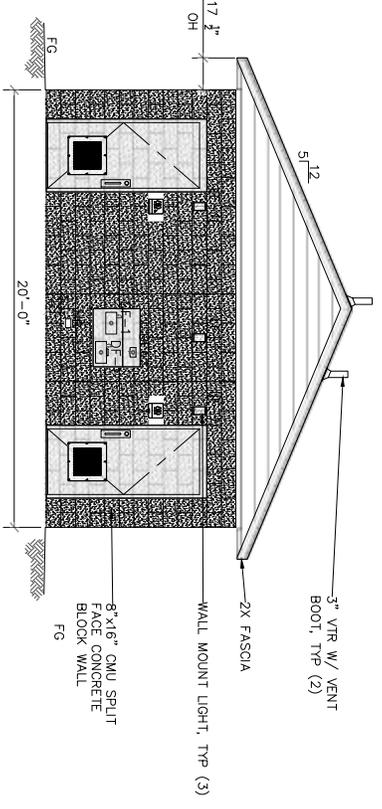
1 FLOOR PLAN
SCALE: 1/2" = 1'-0"



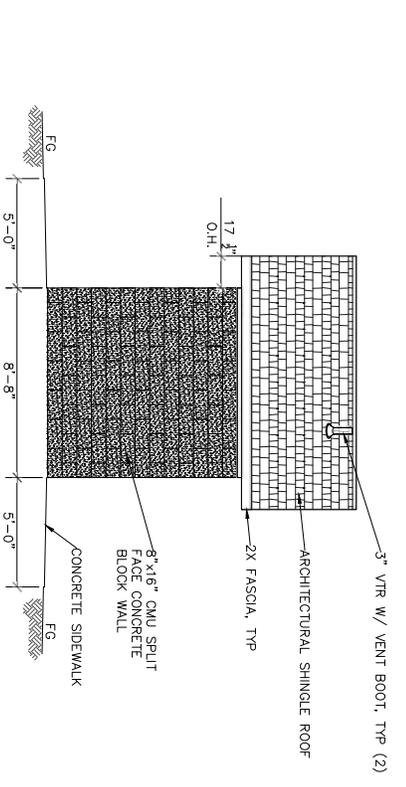
 <p>SEYMOUR ENGINEERING 605 TOMMY HILARIO DRIVE BLOOMING, MS 38832 M. SEYMOUR 01/27/2026</p>	NO.	DATE	BY
	NO.	DATE	BY
RESTROOM BUILDING DETAILS			
LARK PARK IMPROVEMENTS PROJECT			
1905 LARK DRIVE GAUTIER, MISSISSIPPI			
PROJECT NUMBER 24566.11			
SHEET A-101			



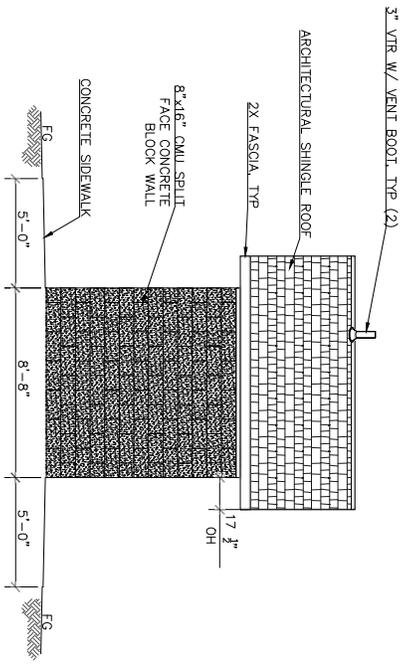
A ELEVATION VIEW
SCALE: 3/8" = 1'-0"



C ELEVATION VIEW
SCALE: 3/8" = 1'-0"



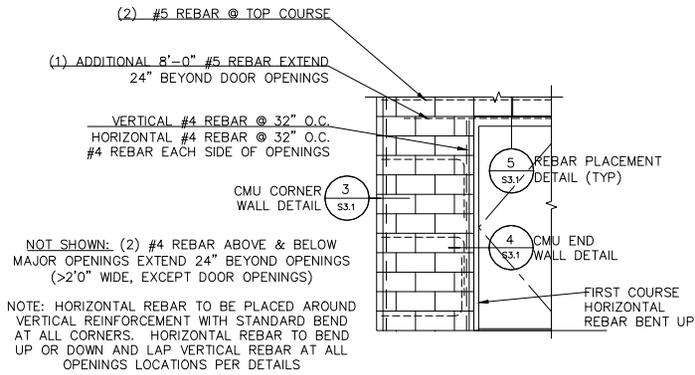
B ELEVATION VIEW
SCALE: 3/8" = 1'-0"



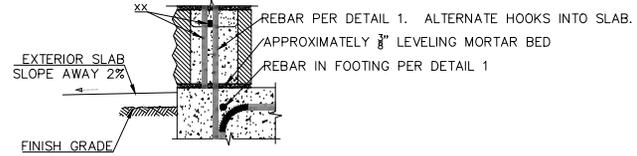
D ELEVATION VIEW
SCALE: 3/8" = 1'-0"

NO.	DATE	REVISION	BY

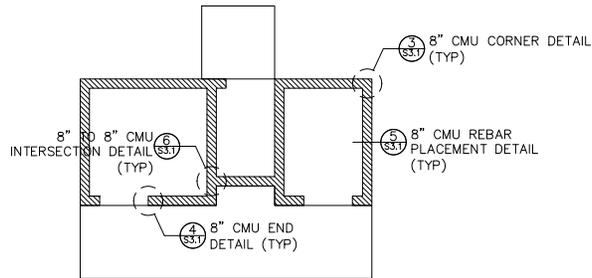
CAD: J. BRICK
ENGINEER: J. BRICK
APPROVED: M. SEYMOUR
DATE: 01/27/2026



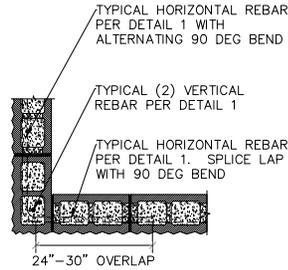
1 CMU REBAR LAYOUT DETAIL
SCALE: NTS



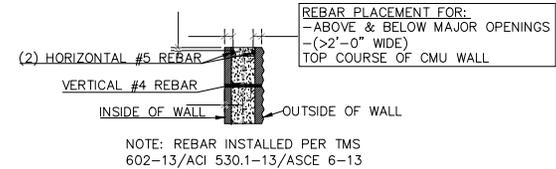
2 WALL-SLAB CONNECTION
SCALE: NTS



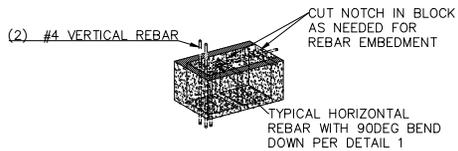
3 STRUCTURAL CMU PLAN
SCALE: NTS



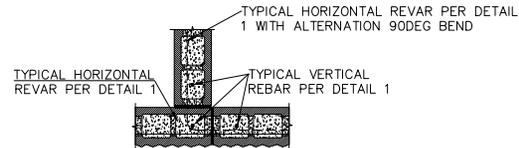
4 CMU CORNER DETAIL
SCALE: NTS



5 8" CMU REBAR PLACEMENT
SCALE: NTS



6 CMU WALL END DETAIL
SCALE: NTS

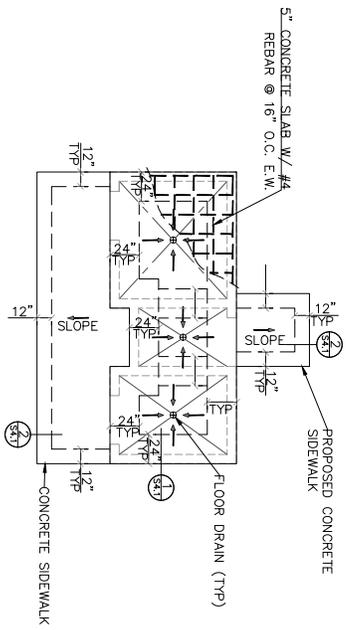


7 CMU INTERSECTION DETAIL
SCALE: NTS

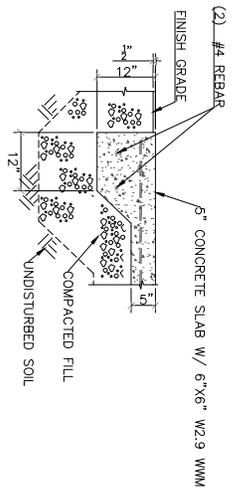
NO.	DATE	BY	REVISION

CAD: M. LEVACOUR
 PROJECT: RESTROOM BUILDING DETAILS
 DATE: 01/27/2026
 003 TOMMY HILARIO DRIVE
 SUITE G
 BLOOMING, MS 38832
 M. LEVACOUR
 sev@seymoureng.com
SEYMOUR ENGINEERING

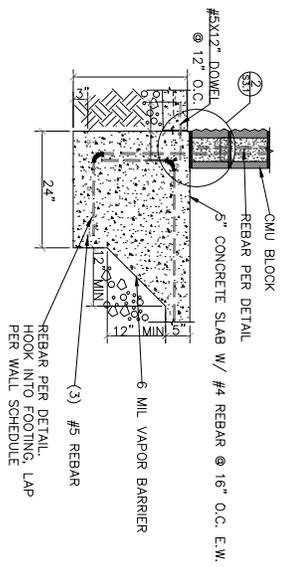
RESTROOM BUILDING DETAILS
 LARK PARK IMPROVEMENTS PROJECT
 1905 LARK DRIVE GAUTIER, MISSISSIPPI



8 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



10 EDGE OF CONCRETE WALKWAY
SCALE: 1" = 1'-0"



9 MONOLITHIC SLAB DETAIL
SCALE: 1" = 1'-0"

CAD	NO.	DATE	REVISION	BY
CADD				
ENGINEER				
J. BRICK				
APPROVED				
M. SEYMOUR				
DATE				
01/27/2026				

SEYMOUR ENGINEERING
 925 TOMMY MUNRO DRIVE
 SUITE G
 BILOXI, MS 39532
 (228) 365-2266
 see@seymoureng.com

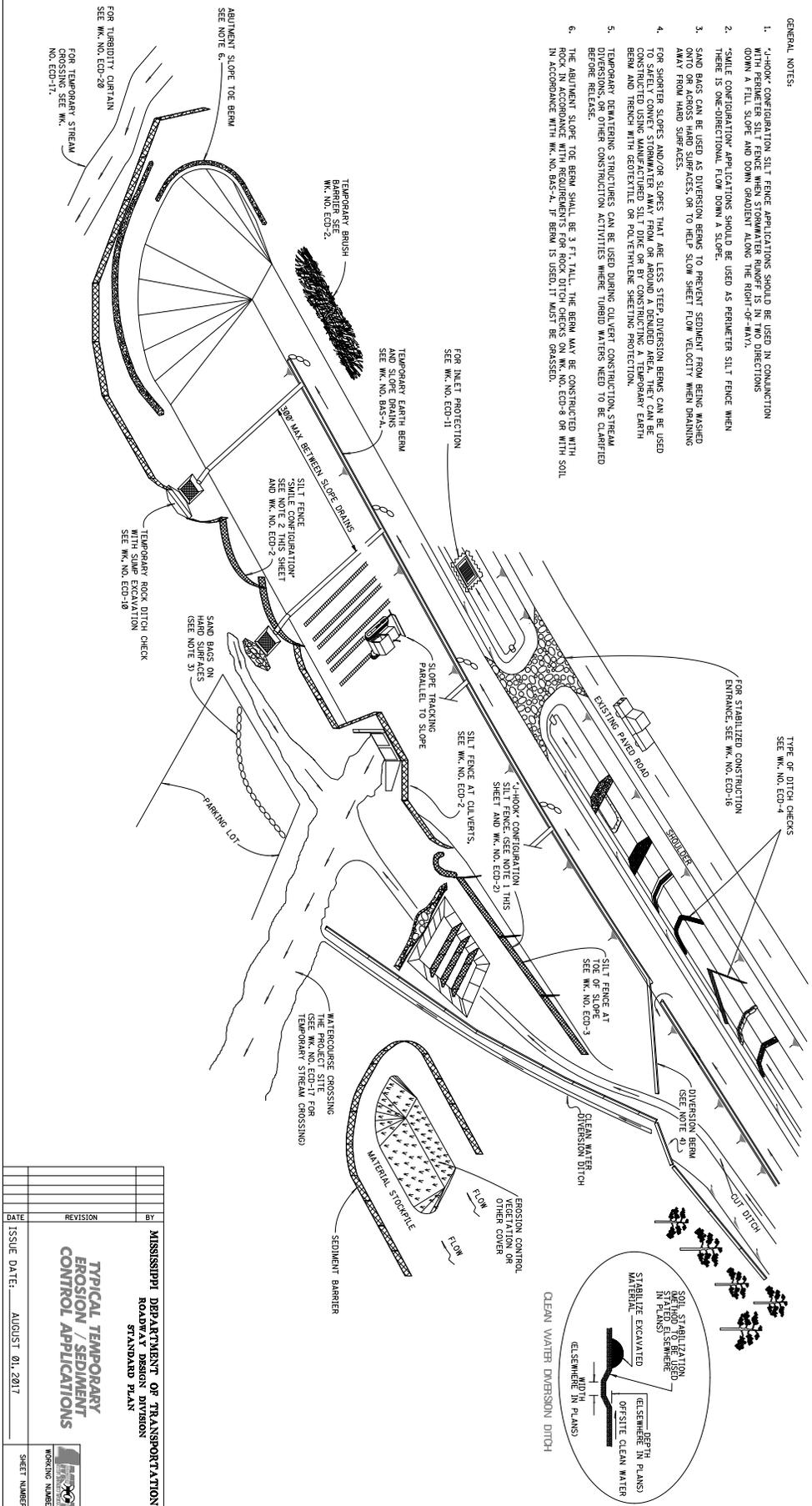
RESTROOM BUILDING DETAILS
 LARK PARK IMPROVEMENTS PROJECT
 1905 LARK DRIVE GAUTIER, MISSISSIPPI

PROJECT NUMBER
 SHEET
A-104

STATE	PROJECT NO.
MISS.	

GENERAL NOTES:

1. "J-HOOK" CONFIGURATION SILT FENCE APPLICATIONS SHOULD BE USED IN CONJUNCTION WITH PERIMETER SILT FENCE WHEN STORMWATER RUMPLE IS IN TWO DIRECTIONS DOWN A TILT SLOPE AND DOWN GRADIENT ALONG THE RIGHT-OF-WAY.
2. "SMILE" CONFIGURATION APPLICATIONS SHOULD BE USED AS PERIMETER SILT FENCE WHEN THERE IS ONE-DIRECTIONAL FLOW DOWN A SLOPE.
3. SAND BAGS CAN BE USED AS DIVERSION BERMS TO PREVENT SEDIMENT FROM BEING WASHED AWAY FROM HARD SURFACES.
4. FOR SHORTER SLOPES AND/OR SLOPES THAT ARE LESS STEEP, DIVERSION BERMS CAN BE USED TO SAFELY CONVEY STORMWATER AWAY FROM OR AROUND A DESIGNATED AREA. THEY CAN BE BUILT ON SAND OR GRAVEL SURFACES, OR TO HELP SLOW SHEET FLOW VELOCITY WHEN GRADING BERM AND TRENCH WITH GEOTEXTILE OR POLYETHYLENE SHEETING PROTECTION.
5. TEMPORARY DEMATERING STRUCTURES CAN BE USED DURING CULVERT CONSTRUCTION, STREAM DIVERSION OR WHEN CONSTRUCTION ACTIVITIES WHERE TURBID WATERS NEED TO BE CLARIFIED BEFORE RELEASE.
6. THE ABUTMENT SLOPE TOE BERM SHALL BE 3 FT. TALL. THE BERM MAY BE CONSTRUCTED WITH RICE HULLS OR OTHER AVAILABLE LOCAL MATERIALS. THE BERM SHOULD BE CONSTRUCTED WITH RICE HULLS IN ACCORDANCE WITH WK. NO. BAS-4. IF BERM IS USED, IT MUST BE GRASSED.



REVISION	BY	DATE

ISSUE DATE: AUGUST 01, 2017

WORKING NUMBER: ECD-1

SHEET NUMBER:

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 ROADWAY DESIGN DIVISION
 STANDARD PLAN

**TYPICAL TEMPORARY
 EROSION / SEDIMENT
 CONTROL APPLICATIONS**

STANDARD EROSION CONTROL DETAILS

LARK PARK IMPROVEMENTS PROJECT

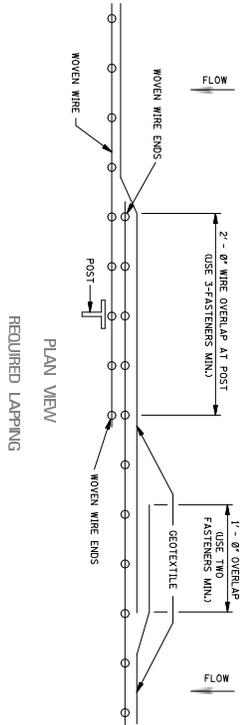
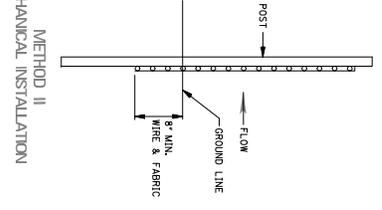
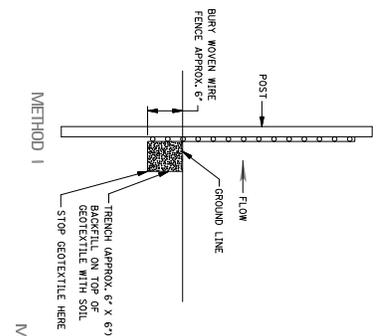
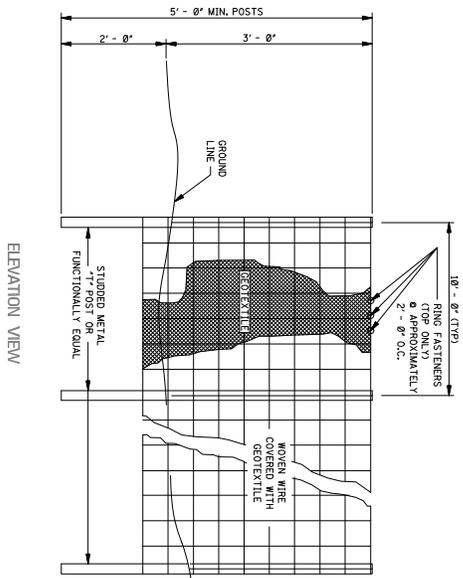
1905 LARK DRIVE GAUTIER, MISSISSIPPI

SEYMOUR ENGINEERING
 925 TOMMY MUNRO DRIVE
 SUITE G
 BILOXI, MS 39532
 (228) 385-8299
 se@seymoureng.com

CAD	NO.	DATE	REVISION	BY
GADD				
J. BRICK				
M. SEYMOUR				
DATE				
01/27/2026				

ECD-1

STATE PROJECT NO.
MISS. _____



- GENERAL NOTES:
1. SILT FENCES SHOULD BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
 2. SILT FENCES ARE TEMPORARY EROSION CONTROL. THEY SHOULD BE ERECTED PROTECTIVE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STEAMS AND CHANNELS.
 3. SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
 4. WHENEVER POSSIBLE SILT FENCE SHOULD BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN FLOODING OF RUNOFF AND FACILITATES SEDIMENTATION.
 5. THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
 6. METHOD II INSTALLATION SHALL BE ACCOMPISHED USING AN IMPERMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF DETAIL.
 7. WIRE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12 3/4" SPACING.
 8. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE.

DATE	REVISION	BY
ISSUE DATE: AUGUST 01, 2017		

DETAILS OF SILT FENCE INSTALLATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

WORKING NUMBER: _____
SHEET NUMBER: _____

STANDARD EROSION CONTROL DETAILS
LARK PARK IMPROVEMENTS PROJECT
1905 LARK DRIVE GAUTIER, MISSISSIPPI

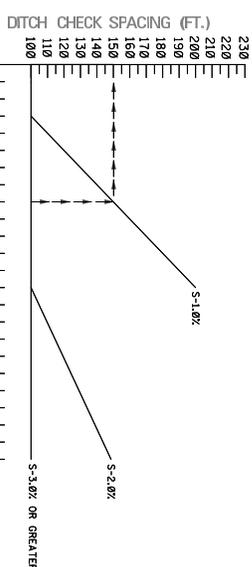
SEYMOUR ENGINEERING
925 TOMMY MUNRO DRIVE
SUITE G
BLOOMING, MS 39532
(662) 396-3226
see@seymoureng.com

NO.	DATE	REVISION	BY
1	01/27/2026		

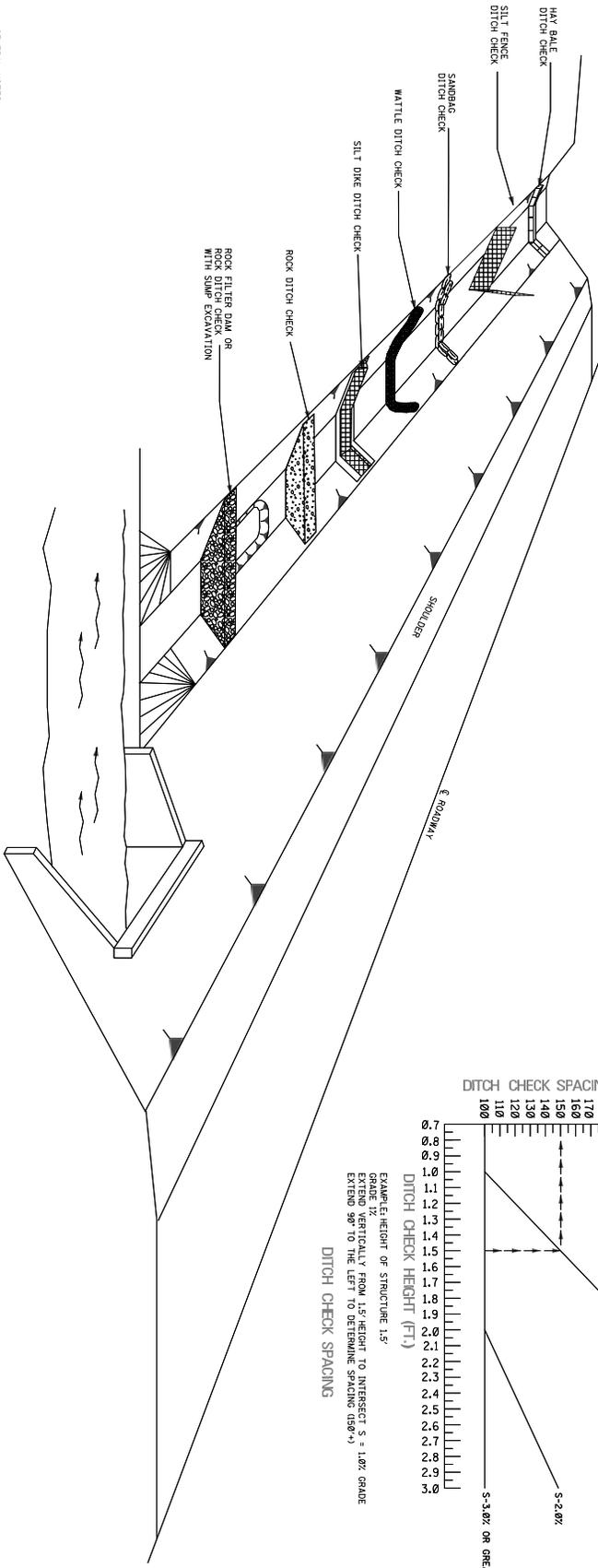
CAD: J. BRICK
ENGINEER: M. SEYMOUR
APPROVED: _____
DATE: 01/27/2026

PROJECT NUMBER: ECD-2
SHEET: _____

STATE PROJECT NO.
MISS.



EXAMPLE: HEIGHT OF STRUCTURE 1.5'
GRADE 1%
EXTEND VERTICALLY FROM 1.5' HEIGHT TO INTERSECT S = 1.0% GRADE
EXTEND 90° TO THE LEFT TO DETERMINE SPACING (150 FT.)
DITCH CHECK SPACING



GENERAL NOTES

1. THE DITCH CHECK PERSPECTIVE ILLUSTRATES A TOOL BOX OF TEMPORARY PRACTICES THAT MAY BE USED. DITCH CHECKS ARE INSTALLED TO CONTROL RUNOFF VELOCITY AND THUS REDUCE EROSION AND PROVIDE FOR TRAPPING OF SEDIMENTS.
2. SELECTION OF THE APPROPRIATE DITCH CHECK SHOULD BE A FUNCTION OF CONSTRUCTION PHASE DRAINAGE AREA, DITCH GRADIENT, SOIL TYPE, ECONOMY AND SAFETY.
3. DITCH CHECKS CAN BE REMOVED FOR MAINTENANCE AND/OR REPLACEMENT BUT MUST REMAIN IN PLACE UNTIL THE DITCH IS FULLY FUNCTIONAL. WHEN REMOVED, THE DITCH SHOULD BE REGRADED TO ORIGINAL CONDITIONS. NEVER ALLOWING FOR SEDIMENT TO ACCUMULATE MORE THAN 1/2 THE VOLUME OR HEIGHT OF THE DITCH CHECK STRUCTURE.
4. HAY BALES SHOULD BE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
5. SILT FENCE DITCH CHECKS SHOULD BE USED WHERE IT HAS BEEN DETERMINED THAT HAY BALE CHECKS ARE INADEQUATE.
6. SAMSBAG DITCH CHECKS SHOULD BE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.

7. MATTIE DITCH CHECKS CAN BE USED FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.
8. SILT DIKES CAN BE USED IN DITCHES WITH CONCENTRATED FLOWS WITHIN THE CLEAR ZONE WHERE RIPRAP CAN NOT BE USED, AS CONSTRUCTION PROGRESSES.
9. ROCK DITCH CHECKS WITH SUMP EXCAVATION CAN BE PLACED IN DITCHES TO ASSURE ON-SITE SEDIMENT TRAPPING REQUIREMENTS ARE MET. DITCH CHECK WITH SUMP EXCAVATION IS USED WHEN SEDIMENT TRAPPING REQUIREMENTS ARE MET. SLOPES OR OTHER CRITICAL AREAS WHERE SOIL TO BE EXCAVATED IS NOT AVAILABLE TO BE PLACED IN SERIES TO INCREASE ON-SITE SEDIMENT TRAPPING EFFICIENCY.
10. DITCH CHECKS, IN NO CASE, SHALL BE PLACED IN LIVE STREAMS.
11. CONFIGURATION AND SPACING MAY BE ADJUSTED IF APPROVED BY THE ENGINEER TO ACCOMMODATE TRAVELWAY SAFETY, WATER FLOW, OR SOIL AND INSTALLATION CHALLENGES.

DATE	REVISION	BY
ISSUE DATE: AUGUST 01, 2017		

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

DITCH CHECK STRUCTURES,
TYPICAL APPLICATIONS
AND DETAILS

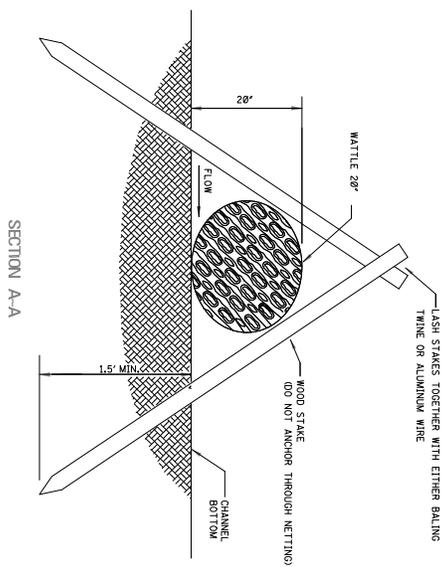
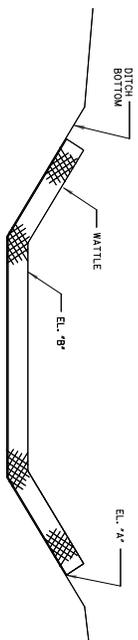
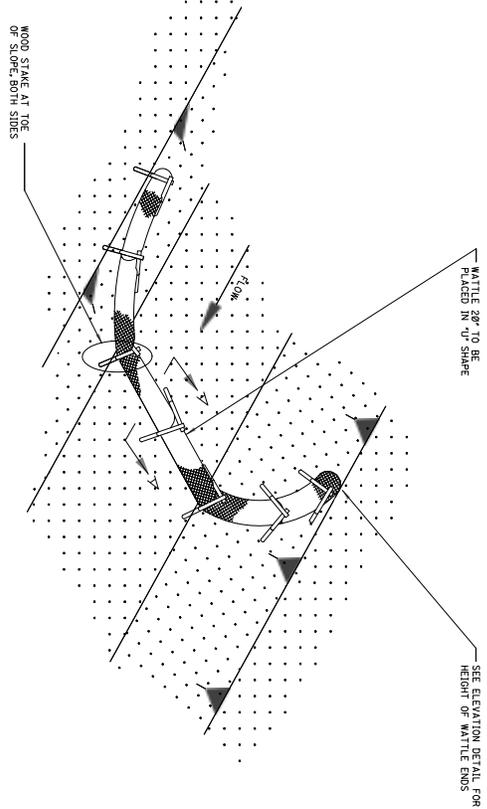
WORKING NUMBER
SHEET NUMBER

STANDARD EROSION CONTROL DETAILS
LARK PARK IMPROVEMENTS PROJECT
1905 LARK DRIVE GAUTIER, MISSISSIPPI

SEYMOUR ENGINEERING
925 TOMMY MUNRO DRIVE
SUITE G
BILLOXI, MS 39532
(228) 386-2266
see@seymoureng.com

CAD	NO.	DATE	REVISION	BY
GADD				
ENGINEER				
J. BRICK				
APPROVED				
M. SEYMOUR				
DATE				
01/27/2026				

PROJECT NUMBER
SHEET
ECD-3



DETAIL (DITCH CHECK)

ELEVATION DETAIL

SECTION A-A

- NOTES:
1. WATTLE DITCH CHECKS CAN BE USED FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.
 2. THE PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK SHALL BE 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON WK. NO. ECD-4.
 3. ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-Degradable MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
 4. TRENCHING OF WATTLES MAY BE NECESSARY IF PILING BECOMES EVIDENT.
 5. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.
 6. IN THE EVENT WATTLES CANNOT BE SECURED IN PLACE USING WOOD STAKES, SAND BAGS MAY BE USED IN LIEU OF WOOD STAKES IN ORDER TO SECURE THE WATTLES IN PLACE. IF SAND BAGS ARE USED IN THIS APPLICATION THEY WILL NOT BE A SEPARATE PAY ITEM.

STATE	PROJECT NO.
MISS.	

BY	REVISION	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN		
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK		
ISSUE DATE:	AUGUST 01, 2017	
WORKING NUMBER	SHEET NUMBER	

CAD	NO.	DATE	REVISION	BY
ENGINEER				
APPROVED				
DATE				
01/27/2026				

SEYMOUR ENGINEERING
 925 TOMMY MUNRO DRIVE
 SUITE G
 BILOXI, MS 39532
 (228) 366-2260
 see@seymoureng.com

STANDARD EROSION CONTROL DETAILS
 LARK PARK IMPROVEMENTS PROJECT
 1905 LARK DRIVE GAUTIER, MISSISSIPPI

ECD-4
 PROJECT NUMBER
 SHEET