

	DRAINAGE STRUCTURE T	ABLE	
STRUCTURE NAME	TYPE	NORTHING EASTING	RIM ELI
DI-1	12" PVC DRAINAGE BASIN	N=192911.7617 E=2328720.8619	28.80
DI-2	12" PVC DRAINAGE BASIN	N=192926.3225 E=2328791.1998	29.10
DI-3	12" PVC DRAINAGE BASIN	N=192948.5190 E=2328886.7298	28.75
DI-4	12" PVC DRAINAGE BASIN	N=192936.9611 E=2328842.6458	29.30
EX-1	ADJUSTED EXISTING STORM INLET	N=192856.9115 E=2328696.7792	29.60
EX-2	ADJUSTED EXISTING STORM INLET	N=192905.1911 E=2328687.0522	29.00
EX-3	ADJUSTED EXISTING STORM INLET	N=192930.1258 E=2328809.8949	29.97
EX-4	EXISTING STORM INLET	N=192976.5415 E=2328790.4062	28.31
EX-5	EXISTING STORM INLET	N=192952.6419 E=2328676.1150	27.43
MH-1	12" PVC MANHOLE	N=192780.9929 E=2328779.7385	31.11'
MH-2	12" PVC MANHOLE	N=192776.1417 E=2328756.2746	31.02
MH-3	12" PVC MANHOLE	N=192817.4963 E=2328747.7278	31.06
MH-4	12" PVC MANHOLE	N=192858.8496 E=2328739.1747	31.08
MH-5	12" PVC MANHOLE	N=192855.9385 E=2328725.0976	30.81
MH-6	12" PVC MANHOLE	N=192906.4187 E=2328734.4433	30.96
MH-7	12" PVC MANHOLE	N=192816.6254 E=2328915.0241	30.72
MH-8	12" PVC MANHOLE	N=192887.7458 E=2328900.3185	30.26

DRAINAGE PIPE TABLE				
PIPE NAME	TYPE	LENGTH	INVERTS	SLOF
EP-1	EXISTING 18" RCP	49'	INV IN=22.23 INV OUT=22.01	0.459
EP-2	EXISTING 18" RCP	49'	INV IN=21.67 INV OUT=21.53	0.299
EP-3	EXISTING 18" RCP	50'	INV IN=22.32 INV OUT=22.08	0.489
P-1	10" HDPE STORM DRAIN PIPE	34'	INV IN=25.60 INV OUT=24.91	2.009
P-2	10" HDPE STORM DRAIN PIPE	19'	INV IN=26.20 INV OUT=25.82	2.009
P-3	12" HDPE STORM DRAIN PIPE	46'	INV IN=24.18 INV OUT=23.93	0.549
P-4	12" HDPE STORM DRAIN PIPE	33'	INV IN=23.93 INV OUT=22.82	3.339
P-5	10" HDPE ROOF DRAIN LEADER PIPE	24'	INV IN=28.21 INV OUT=27.73	2.00%
P-6	10" HDPE ROOF DRAIN LEADER PIPE	42'	INV IN=27.73 INV OUT=26.88	2.00%
P-7	10" HDPE ROOF DRAIN LEADER PIPE	42'	INV IN=26.88 INV OUT=26.04	2.009
P-8	10" HDPE ROOF DRAIN LEADER PIPE	14'	INV IN=26.04 INV OUT=25.75	2.009
P-9	10" HDPE ROOF DRAIN LEADER PIPE	28'	INV IN=25.75 INV OUT=25.18	2.009
P-10	10" HDPE ROOF DRAIN LEADER PIPE	15'	INV IN=25.89 INV OUT=25.60	2.009
P-11	10" HDPE ROOF DRAIN LEADER PIPE	73'	INV IN=28.17 INV OUT=27.27	1.25%
P-12	10" HDPE ROOF DRAIN LEADER PIPE	62'	INV IN=27.27 INV OUT=26.20	1.719







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REVISIONS

0 ISSUED FOR CONSTRUCTION REVISED APRON GRADES, JOINT

LAYOUT, INLET ELEVATIONS AND RAISED FFE

12/02/2024 PROJECT NUMBER 20240591.00.WK SHEET TITLE

GRADING, DRAINAGE & **EROSION** CONTROL PLAN

SHEET NUMBER



GRADING, DRAINAGE AND EROSION CONTROL LEGEND

PARKING LOT FOR AN ENHANCED LEVEL OF DETAIL. ALL OTHER PROPOSED GRADING AND EXISTING CONTOURS ARE SHOWN AT 0.5'

6. ANY DAMAGE TO THE EXISTING STORM SEWER OR OTHER EXISTING UTILITY LINES SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER. CONTRACTOR SHALL INFORM THE AIRPORT IMMEDIATELY OF ANY DAMAGE DURING CONSTRUCTION.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY DRAINAGE THROUGHOUT THE ENTIRE CONSTRUCTION DURATION. NO

11. EARTHWORK OPERATIONS WILL GENERATE EXCESS SOIL MATERIAL. THE CONTRACTOR SHALL ANTICIPATE EXCESS SOIL MATERIALS

8. ALL GUTTER DOWNSPOUTS SHALL BE CONNECTED TO THE STORM DRAINAGE SYSTEM USING ROOF LEADERS AS SHOWN. COORDINATE

ADDITIONAL PAYMENT SHALL BE MADE FOR DEWATERING OR BYPASS PUMPING OF STORMWATER ON SITE. SEQUENCE CONSTRUCTION

5. SPOT ELEVATIONS IN THE PARKING LOT ARE SHOWN AT THE GUTTER FLOW LINE AND CURB FACE AS APPLICABLE.

7. INSTALL SOD PER ALL MANUFACTURER RECOMMENDATIONS. USE BERMUDA SOD AND REFER TO SPECIFICATIONS.

SUCH THAT CLEAN STORMWATER IS CONVEYED FROM THE SITE TO THE EXISTING DRAINAGE OUTFALLS.

LOCATIONS WITH THE ARCHITECTURAL PLANS.

12. REFER TO DRAWING C6 FOR STORM DRAINAGE PROFILES.

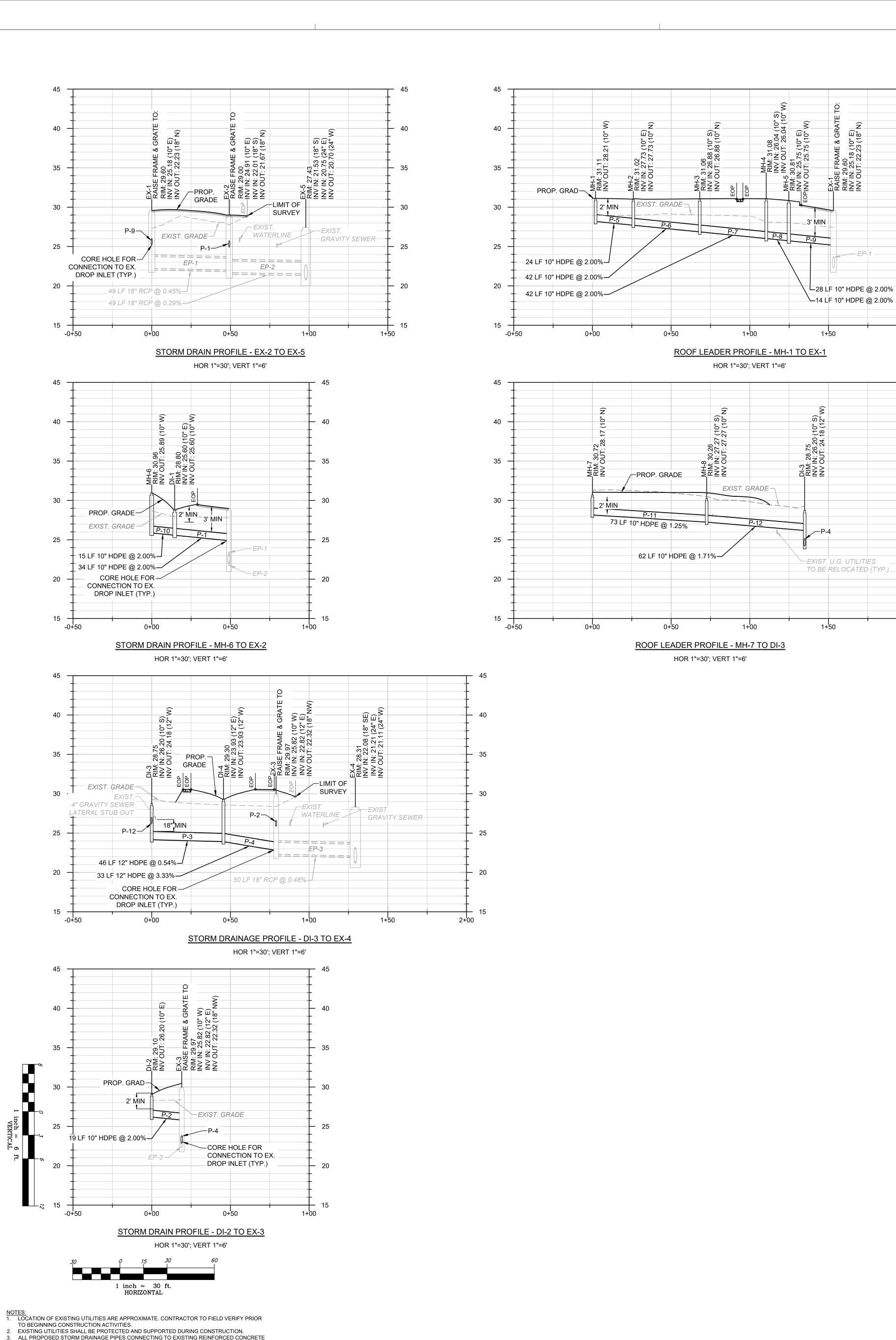
THAT WILL NEED TO BE HAULED TO AN APPROVED OFF-SITE LOCATION.

9. APRON GRADES SHALL NOT EXCEED 1.5%.

30.0 29.5	EXISTING CONTOURS	STORM SEWER FLOW DIRECTION
30.0 29.9	PROPOSED CONTOURS [SEE NOTE 3]	PROPOSED FILTER SOCK
30.00 * FS	FINISHED SURFACE ELEVATION [SEE NOTE 4]	PROPOSED CONSTRUCTION ENTRANCE
30.0 * FG	FINISHED GRADE ELEVATION	PROPOSED STAGING/STOCKPILE AREA
5.00%	EXISTING GRADE SPOT SLOPE	PROPOSED SOD
5.00%	FINISHED SURFACE/GRADE SPOT SLOPE	DRAINAGE AREA BOUNDARY
	—— SURVEY BOUNDARY [SEE NOTE 1]	PROPOSED INLET PROTECTION
LOD	PROPOSED LIMIT OF DISTURBANCE	PROPOSED COMPOST SOCK CHECK DAM
©	PROPOSED STORM STRUCTURE AND PIPE	EXISTING DITCH FLOW LINE
	EXISTING STORM STRUCTURE AND PIPE>	PROPOSED DITCH FLOW LINE
	— LIMIT OF GRADING	SOIL DELINEATION
		REFER TO SHEET C1 FOR EXISTING

CONDITIONS LEGEND





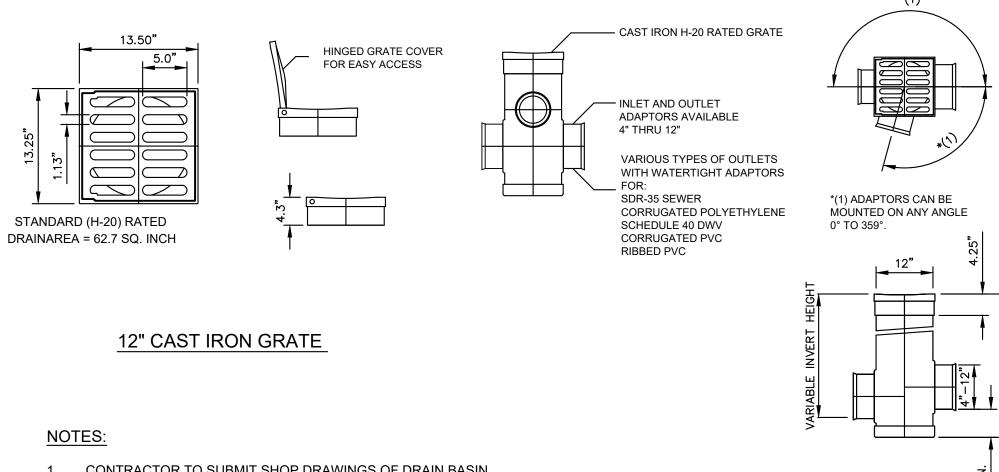
STRUCTURES SHALL BE WATERTIGHT. NEOPRENE BOOTS, FLEXIBLE CONNECTORS OR

4. BEDDING AND BACKFILL FOR ALL PIPES AND STRUCTURES SHALL BE INSTALLED PER PROJECT

APPROVED EQUIVALENTS SHALL BE USED TO PREVENT LEAKAGE/INFILTRATION.

SPECIFICATIONS AND COMPACTED TO THE REQUIRED DENSITY.

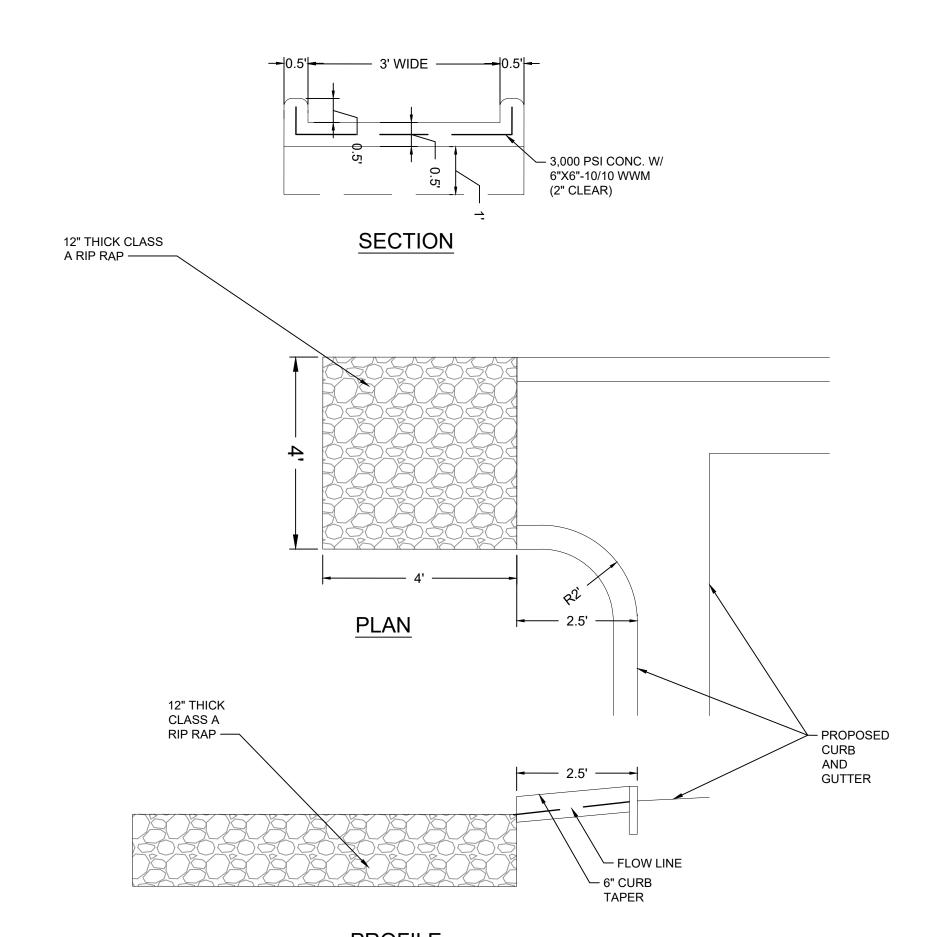
5. REFER TO SHEET C5 FOR STRUCTURE/PIPE TABLES.



12" DRAIN BASIN

- CONTRACTOR TO SUBMIT SHOP DRAWINGS OF DRAIN BASIN AND CASTING FOR REVIEW AND APPROVAL.
- YARD INLET INFORMATION SHOWN FOR 12-INCH DRAIN BASIN. FOLLOW MANUFACTURER INSTRUCTIONS FOR LARGER DRAIN BASINS AND GRATES TO ACCOMMODATE LARGER SIZE PIPES AND RCP.
- 3. DRAIN BASIN GRATES SHALL ACCOMMODATE H-20 LOADING.





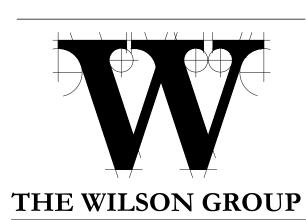
PROFILE











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REVISIONS

0 ISSUED FOR CONSTRUCTION 12/0

1 REVISED APRON GRADES, JOINT
LAYOUT, INLET ELEVATIONS AND
RAISED FFE 12/0

DATE 12/02/2024
PROJECT NUMBER 20240591.00.WK

STORM DRAINAGE PROFILES

SHEET TITLE

SHEET NUMBER