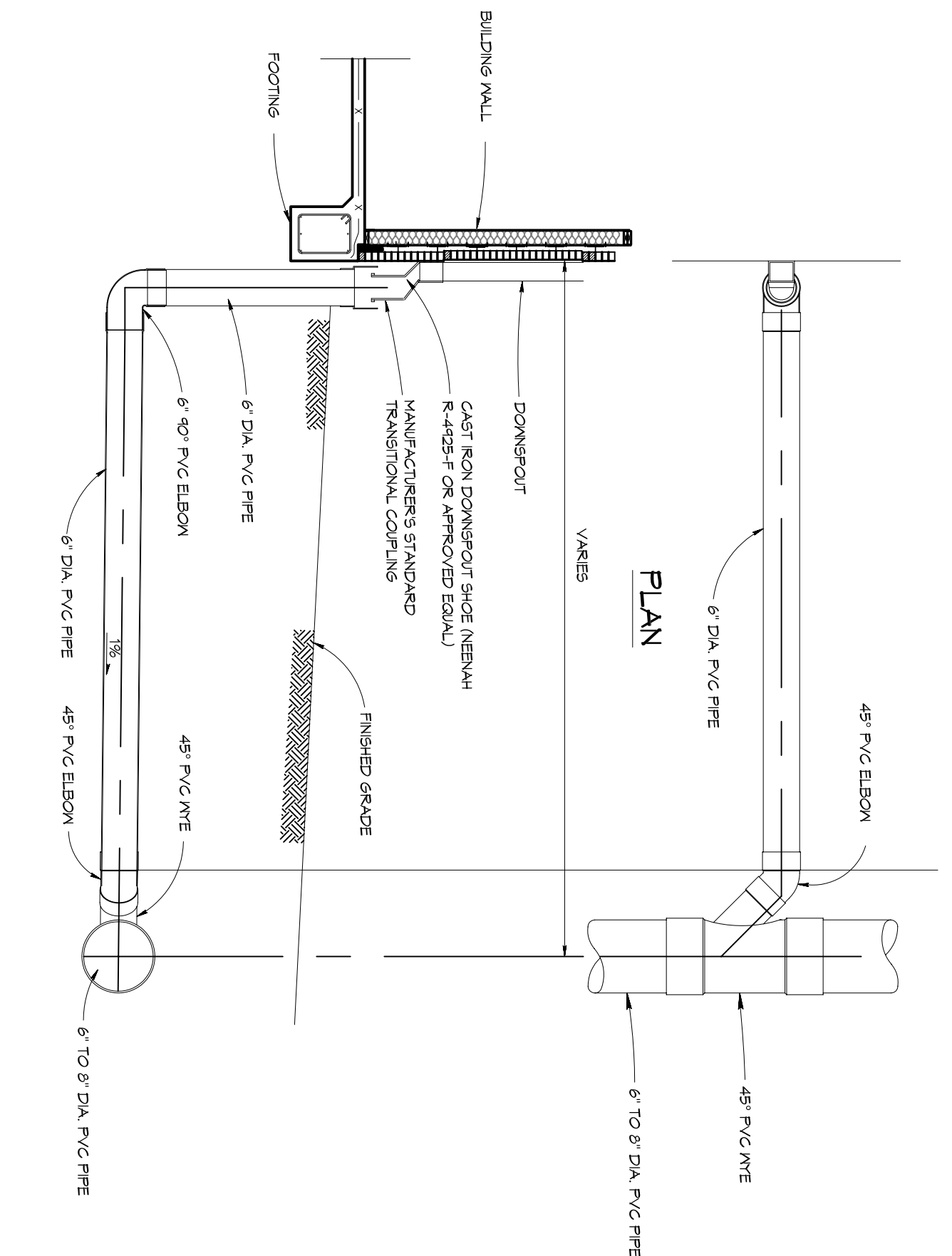
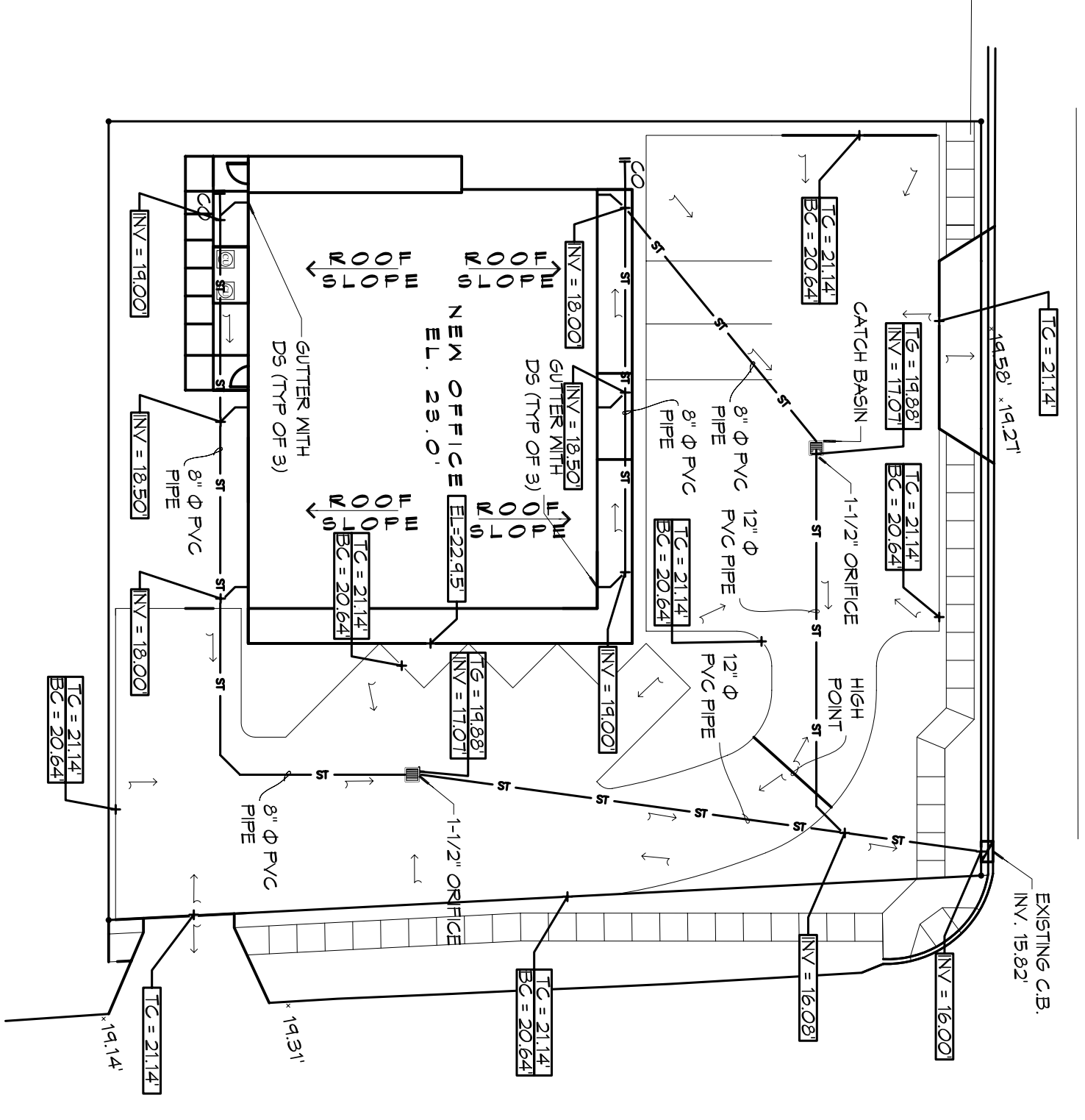


- ### GENERAL NOTES
1. DRAIN PIPE & FITTINGS WITHIN PROPERTY LINE SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING SDR35.
 2. ELEVATIONS SHOWN ARE M.S.L.
 3. FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
 4. PROVIDE VERTICAL ELBOW AT DOWNPOUTS FOR CONNECTION TO SUBSURFACE DRAINAGE WHERE INDICATED. ELBOW ID SHALL BE SIZED SUCH THAT THE DOWNPOUT CAN BE INSERTED INTO THE PIPE OPENING.



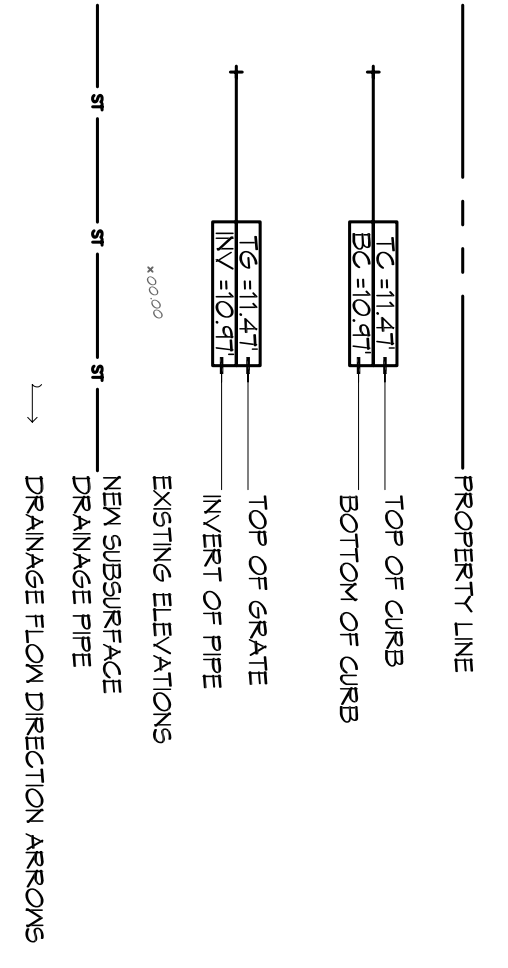
2 DETAIL
SCALE: N.T.S.
TYPICAL CATCH BASIN

3 DETAIL
SCALE: 3/4" = 1'-0"
TYPICAL ROOF DRAIN DETAIL



1 SITE DRAINAGE PLAN
SCALE: 1" = 30'

SITE DRAINAGE LEGEND



STORMWATER RUN-OFF CALCULATIONS

PROJECT		51818 Farm	
DRAINAGE RUN-OFF CALCULATIONS - RATIONAL METHOD			
FROM DEVELOPMENT			
10 Year Frequency			
Q1 - CIA		82	83ft ³ x 0.002 ACFTS
MASTHEAD SURFACES	0%	0	0ft ³ x 0.002 ACFTS
GRAVEL SURFACE	0.21	0	0ft ³ x 0.002 ACFTS
GRAVEL STREET	0.21	1818	83ft ³ x 0.21 ACFTS
SURFING	0.38	1838	83ft ³ x 0.31 ACFTS
Q2 -	0.71	1838	83ft ³ x 0.31 ACFTS

POST DEVELOPMENT		10 Year Frequency	
Q1 - CIA		10353	83ft ³ x 0.242 ACFTS
MASTHEAD SURFACES	0%	0	0ft ³ x 0.002 ACFTS
GRAVEL SURFACE	0.21	0	0ft ³ x 0.002 ACFTS
GRAVEL STREET	0.21	1818	83ft ³ x 0.21 ACFTS
SURFING	0.38	1838	83ft ³ x 0.31 ACFTS
Q2 -	0.71	1838	83ft ³ x 0.31 ACFTS

RESULTS		10 Year Frequency	
DEFLECTION REQUIRED	Q1-Q2	1409	815
ONE HOUR DEFLECTION	Q1-Q2	1409	815
DEFLECTION DIMENSIONS	Q1-Q2	1409	815
DISCHARGE END AREA CALCULATIONS		1409	815
WHERE Q = DISCHARGE PER HOUR		1409	815
ALLOWANCE FOR GUT	Q1	0.88	47
ALLOWANCE FOR ROAD	Q2	0.18	9
ALLOWANCE FOR SIDEWALK	Q3	0.28	15
ALLOWANCE FOR DRIVEWAY	Q4	0.28	15
ALLOWANCE FOR DRIVEWAY	Q5	0.28	15
ALLOWANCE FOR DRIVEWAY	Q6	0.28	15
ALLOWANCE FOR DRIVEWAY	Q7	0.28	15
ALLOWANCE FOR DRIVEWAY	Q8	0.28	15
ALLOWANCE FOR DRIVEWAY	Q9	0.28	15
ALLOWANCE FOR DRIVEWAY	Q10	0.28	15
ALLOWANCE FOR DRIVEWAY	Q11	0.28	15
ALLOWANCE FOR DRIVEWAY	Q12	0.28	15
ALLOWANCE FOR DRIVEWAY	Q13	0.28	15
ALLOWANCE FOR DRIVEWAY	Q14	0.28	15
ALLOWANCE FOR DRIVEWAY	Q15	0.28	15
ALLOWANCE FOR DRIVEWAY	Q16	0.28	15
ALLOWANCE FOR DRIVEWAY	Q17	0.28	15
ALLOWANCE FOR DRIVEWAY	Q18	0.28	15
ALLOWANCE FOR DRIVEWAY	Q19	0.28	15
ALLOWANCE FOR DRIVEWAY	Q20	0.28	15
ALLOWANCE FOR DRIVEWAY	Q21	0.28	15
ALLOWANCE FOR DRIVEWAY	Q22	0.28	15
ALLOWANCE FOR DRIVEWAY	Q23	0.28	15
ALLOWANCE FOR DRIVEWAY	Q24	0.28	15
ALLOWANCE FOR DRIVEWAY	Q25	0.28	15
ALLOWANCE FOR DRIVEWAY	Q26	0.28	15
ALLOWANCE FOR DRIVEWAY	Q27	0.28	15
ALLOWANCE FOR DRIVEWAY	Q28	0.28	15
ALLOWANCE FOR DRIVEWAY	Q29	0.28	15
ALLOWANCE FOR DRIVEWAY	Q30	0.28	15
ALLOWANCE FOR DRIVEWAY	Q31	0.28	15
ALLOWANCE FOR DRIVEWAY	Q32	0.28	15
ALLOWANCE FOR DRIVEWAY	Q33	0.28	15
ALLOWANCE FOR DRIVEWAY	Q34	0.28	15
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ALLOWANCE FOR DRIVEWAY	Q89	0.28	15
ALLOWANCE FOR DRIVEWAY	Q90	0.28	15
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ALLOWANCE FOR DRIVEWAY	Q95	0.28	15
ALLOWANCE FOR DRIVEWAY	Q96	0.28	15
ALLOWANCE FOR DRIVEWAY	Q97	0.28	15
ALLOWANCE FOR DRIVEWAY	Q98	0.28	15
ALLOWANCE FOR DRIVEWAY	Q99	0.28	15
ALLOWANCE FOR DRIVEWAY	Q100	0.28	15

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Architects & Engineers

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REVISIONS		DATE
1	APPENDIX 1	5/XX/15

3100

501 WHITNEY AVE
 TERRY TOWN, LOUISIANA 70056

JOB NO: 2243 DATE: MAY 20, 2015
 DRAWN BY: KKD CHECKED BY: BAM

SHEET TITLE: SITE DRAINAGE PLAN AND DETAILS

DRAWING NUMBER: **3100**

SHEET NO. 01 OF 01