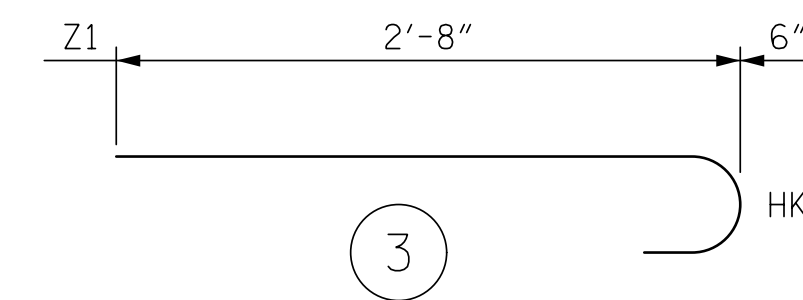
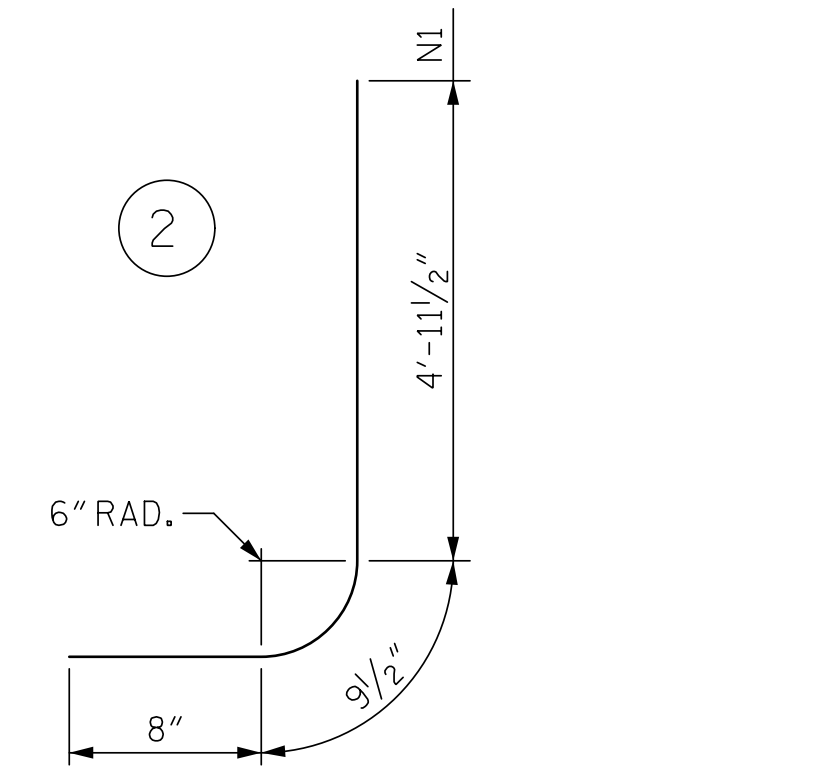
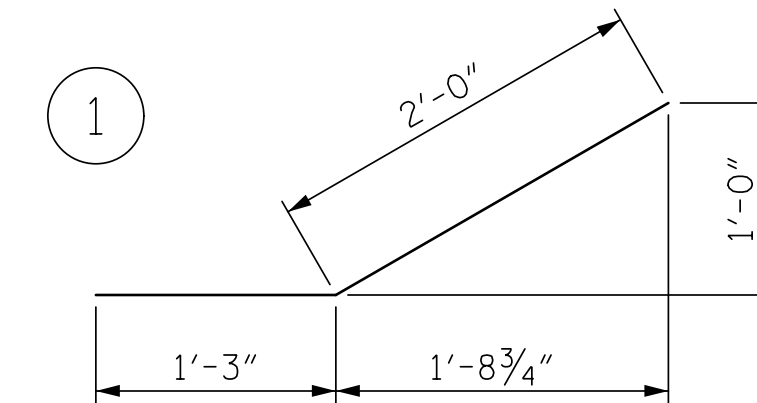




G1 BARS IN HEADWALL ARE INCLUDED WITH THE BARREL
REINFORCING STEEL.

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

WING W1
BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	10	#4	STR	8'-1"	54
H2	10	#4	1	3'-3"	22
N1	11	#4	2	6'-5"	47
T1	3	#5	STR	10'-0"	31
V1	11	#4	STR	4'-4"	32
Z1	10	#4	3	3'-2"	21

REINFORCING STEEL
FOR WING W1 207 LBS

CLASS A CONCRETE		
WING W1	3.1	CY
1 HEADWALL	0.2	CY
END CURTAIN WALL	0.1	CY
TOTAL	3.4	CY

DRAWN BY : ZCS DATE : 8/22
CHECKED BY : MGC DATE : 1/23
DESIGN ENGINEER OF RECORD: ZCS DATE : 1/23

3/27/2023
X:\NCDDOT\R-5739\Structures\Str. #6 (520 + 60.00 -L)\FinalPlans\DGNS\R-5739_SMU_ CU_650000.dgn
User:ZSmith

PROJECT NO. R-5739
NORTHAMPTON COUNTY
 STATION: 520+60.00 -L-

SHEET 9 OF 11



7/23/2025

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

TGS ENGINEERS
706 HILLSBOROUGH STREET
SUITE 200
RALEIGH, NC 27603
PH (919) 773-8887
CORP. LICENSE NO. C-0275

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

INLET WING W1
FOR
CONCRETE BOX CULVERT

REVISIONS						SHEET NO. C6-9
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 11
2			4			

STR. #6