

- CONCRETE NOTES**
- COVER (UON): 50mm
 - CONCRETE: S32
 - REQ: TYPE 'N' DEFORMED BAR (GRADE 500mPa)

DATUM 0.000 = RL ???

ISSUED FOR REVIEW NOT FOR CONSTRUCTION

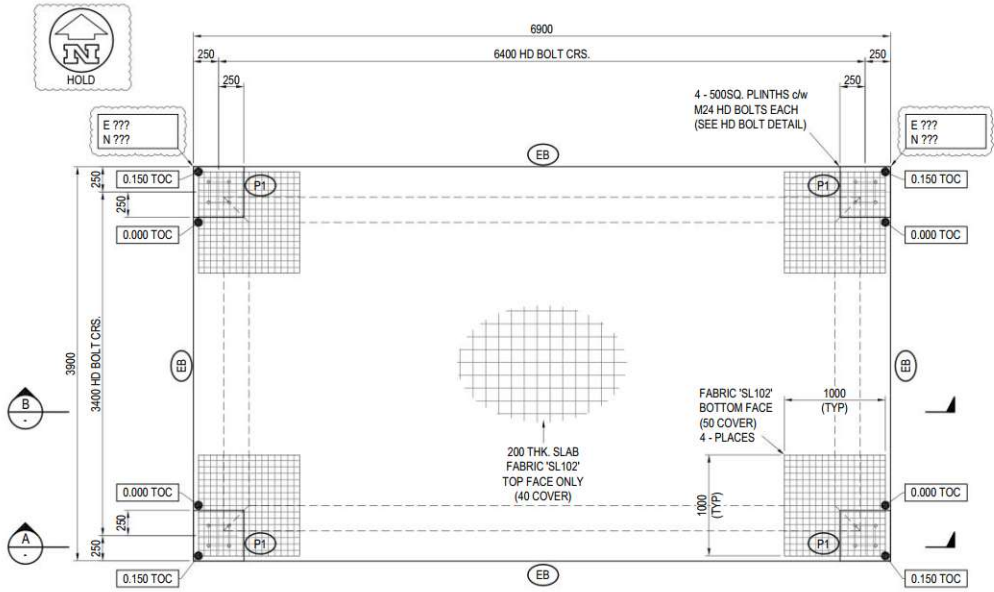
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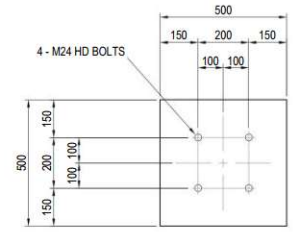
DESIGNED				CENTRAL HIGHLANDS REGIONAL COUNCIL BLACKWATER RECYCLE WATER PIPELINE PURPLE TANK VALVE STATION GENERAL ARRANGEMENT & DETAILS - CIVILS	
DRAWN				SCALE	1:25
CHECKED				DRAWING NO.	PE1240-00-CC001-CC-DRG001
APPROVED				REV.	A

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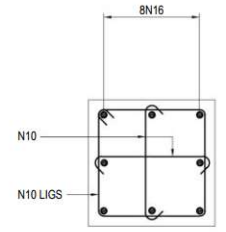
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				15.06.2025			
					REVISION DESCRIPTION	CHK	ENG



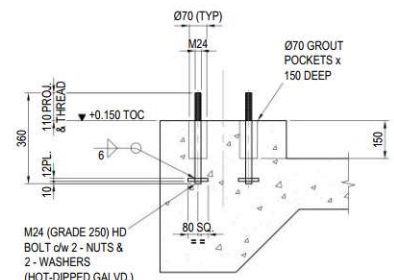
PLAN ON VALVE STATION SLAB
(SCALE 1:25)



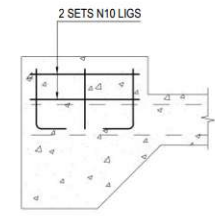
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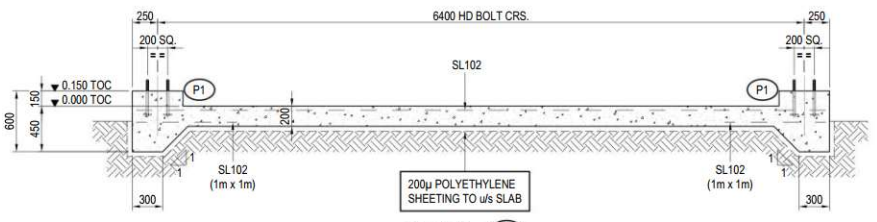
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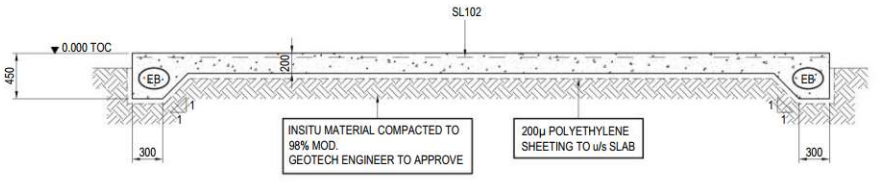
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SCALE 1:10



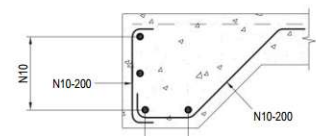
PLINTH (P1) (4 OFF)
SCALE 1:10



SECTION A-A
SCALE 1:25



SECTION B-B
SCALE 1:25



EDGE BEAM (EB)
SCALE 1:10

DATUM 0.000 = RL ???

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 - REQ: TYPE 'N' DEFORMED BAR (GRADE 500mPa)

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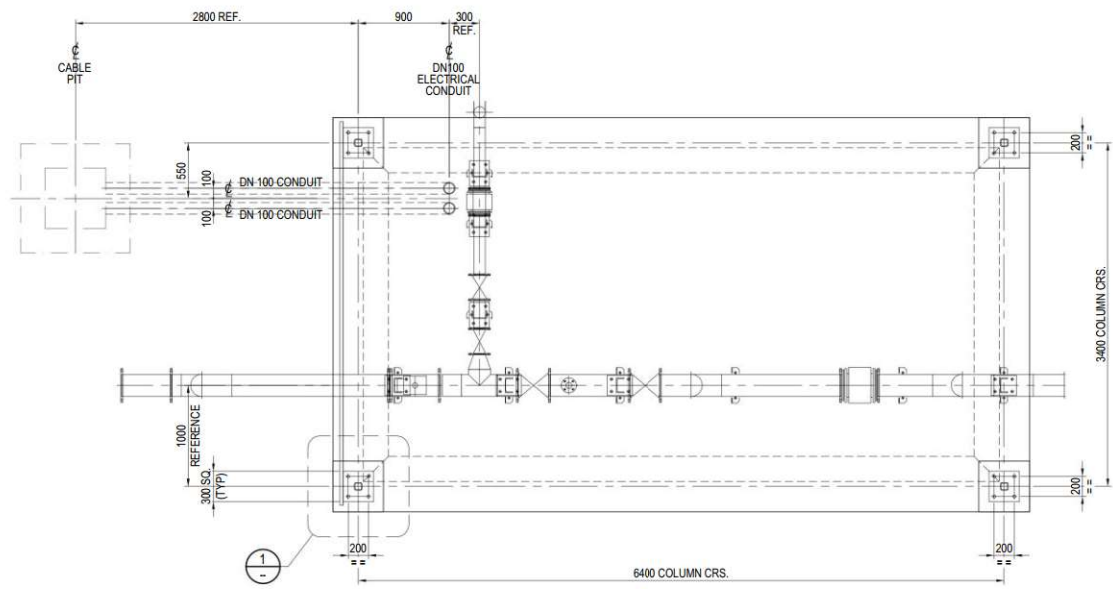


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APPROVED			
INITIAL	SIGNAT	DATE	
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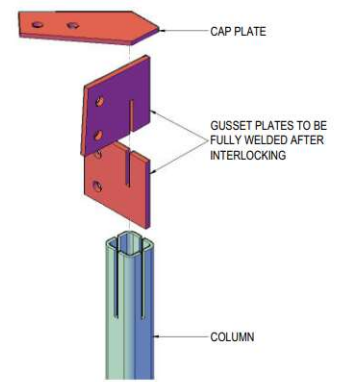
CENTRAL HIGHLANDS REGIONAL COUNCIL
BLACKWATER RECYCLE WATER PIPELINE
BOUNDARY VALVE STATION
GENERAL ARRANGEMENT & DETAILS - CIVILS

REV. A

REFERENCE DWG. NO.	REFERENCE DESCRIPTION	REV	BY	DATE	ISSUE FOR INFORMATION	DFH	DFH
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					REVISION DESCRIPTION	CHK	ENG



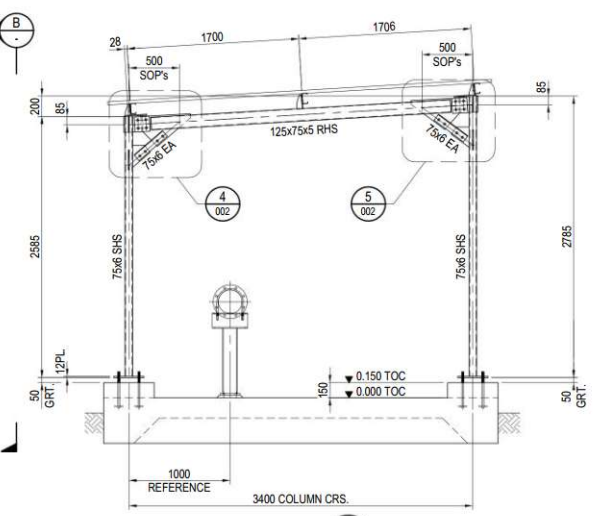
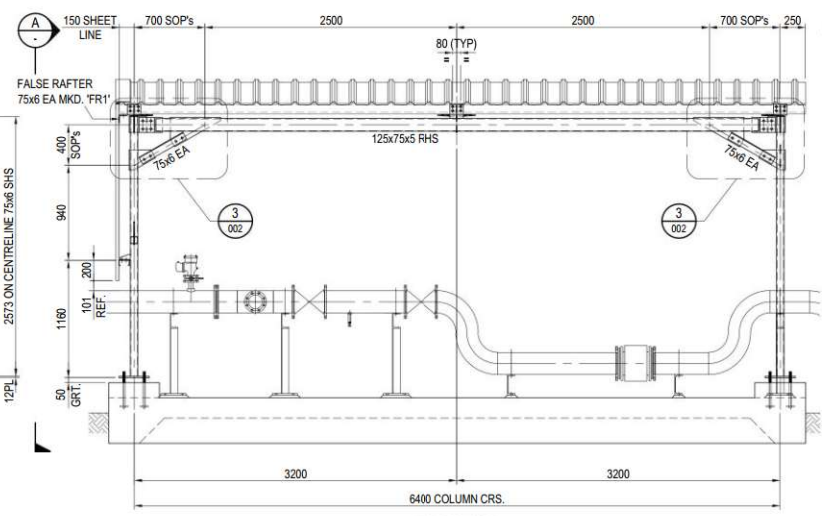
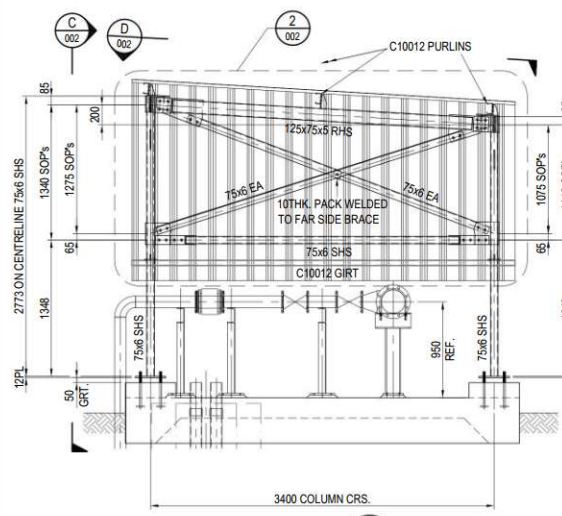
- NOTES**
- ALL HOLLOW SECTION MATERIAL : GRADE 350MPa
 - ALL PLATEWORK : GRADE 300MPa
 - ALL PLATES TO BE 10mm THICK UON
 - ALL WELDS : 6mm CFW
 - ALL BOLTS : M20 (GRADE 8.8) UON



EXPLODED VIEW SHOWING CRUCIFORM ASSEMBLY (TYPICAL GUSSETS & CAP PLATE PER COLUMN)

DETAIL 1
SCALE 1:10

PLAN
SCALE 1:25



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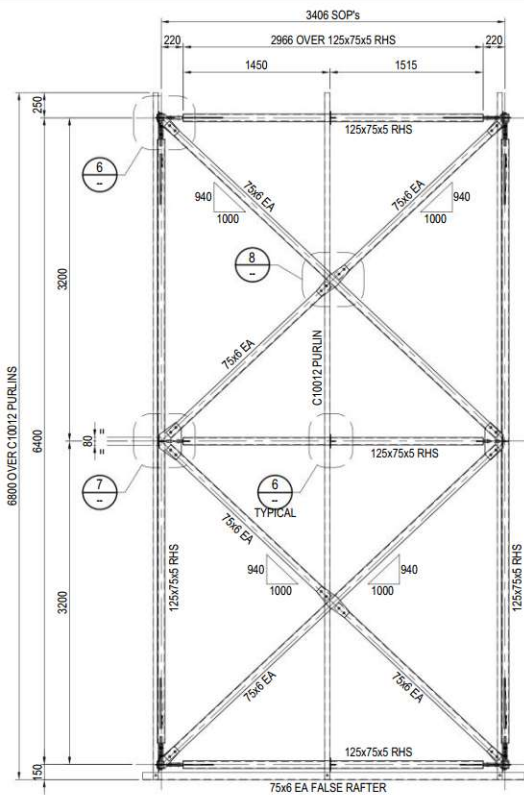
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CENTRAL HIGHLANDS REGIONAL COUNCIL
BLACKWATER RECYCLE WATER PIPELINE
PURPLE TANK VALVE STATION
GENERAL ARRANGEMENT & DETAILS (SHEET 1 OF 2)

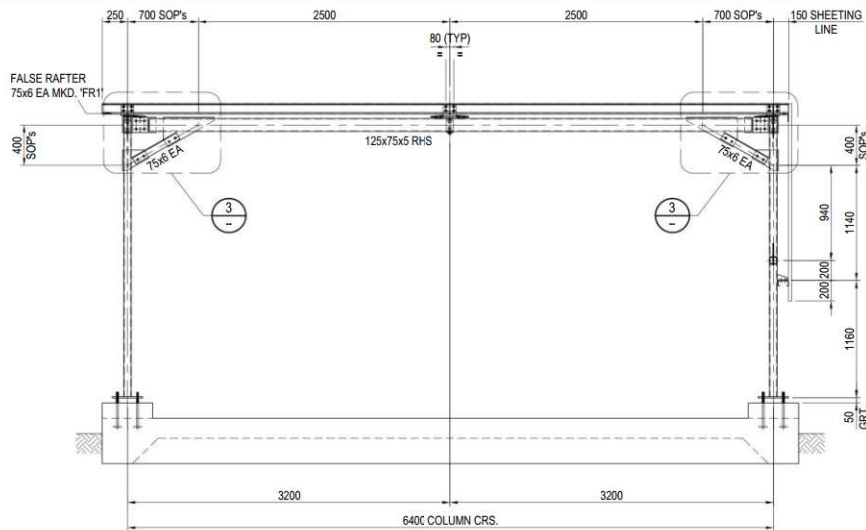
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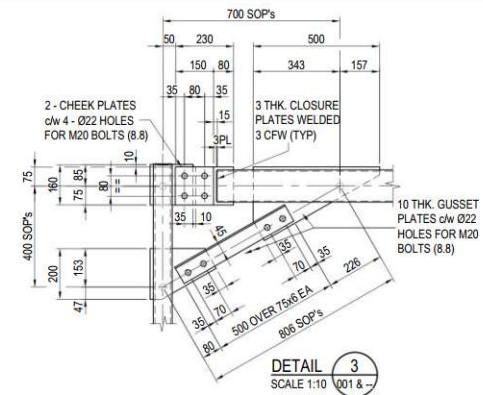
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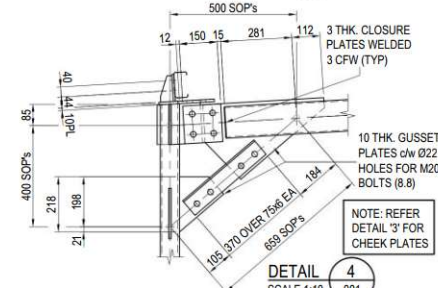
PLAN
SCALE 1:25
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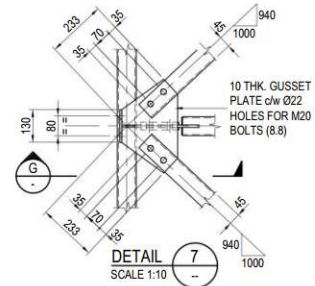
VIEW ON C
SCALE 1:25
001



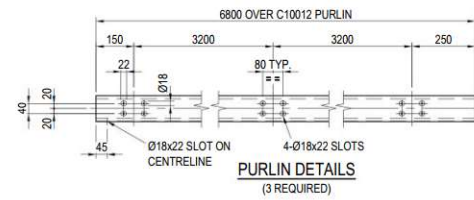
DETAIL 3
SCALE 1:10
001 & -



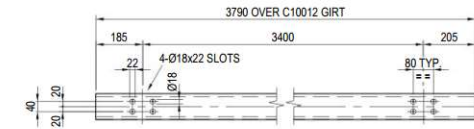
DETAIL 4
SCALE 1:10
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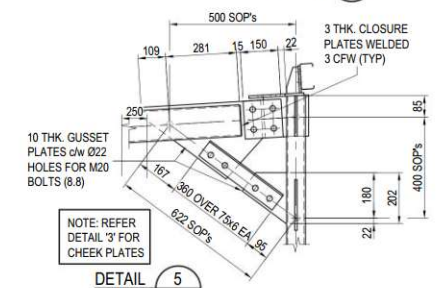
DETAIL 7
SCALE 1:10
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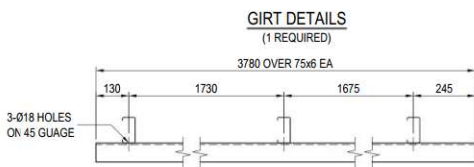
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(3 REQUIRED)



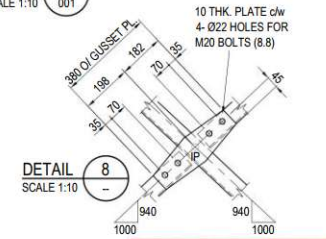
GIRT DETAILS
(1 REQUIRED)



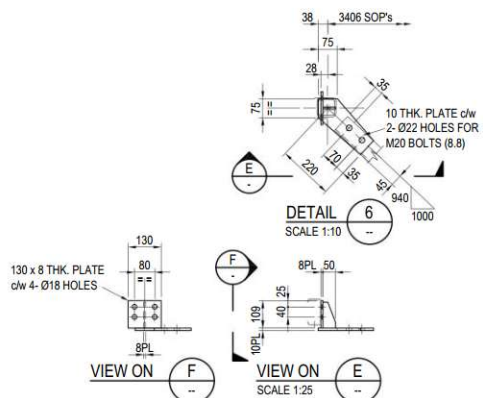
DETAIL 5
SCALE 1:10
001



FALSE RAFTER DETAILS
(1 REQUIRED)



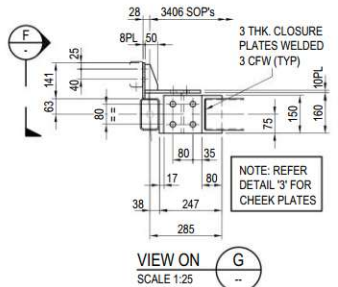
DETAIL 8
SCALE 1:10
-



DETAIL 6
SCALE 1:10
-

VIEW ON F
SCALE 1:25
-

VIEW ON E
SCALE 1:25
-



VIEW ON G
SCALE 1:25
-

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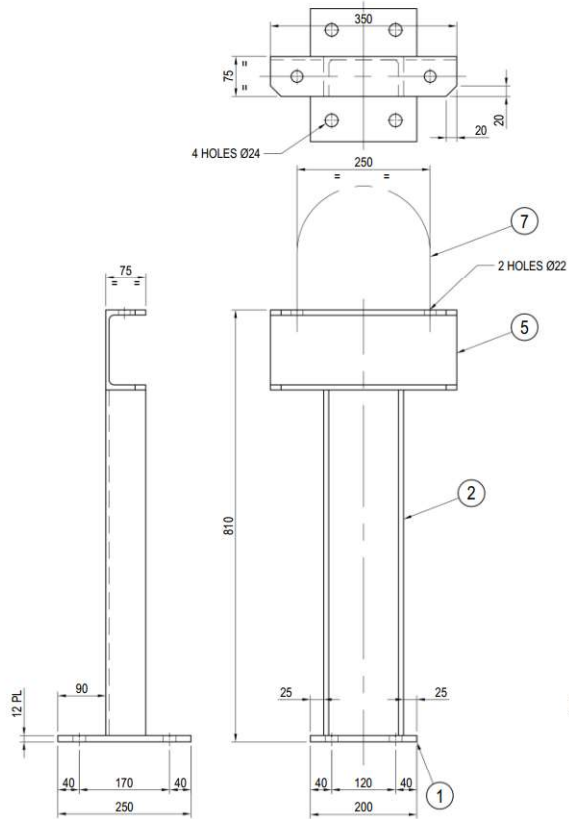


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INITIAL	SIGNAT	DATE
SCALE	1:25	DRAWING NO.

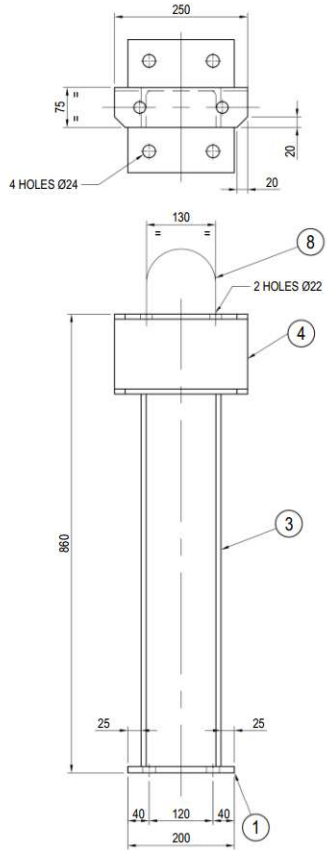
CENTRAL HIGHLANDS REGIONAL COUNCIL
BLACKWATER RECYCLE WATER PIPELINE
PURPLE TANK VALVE STATION
GENERAL ARRANGEMENT & DETAILS (SHEET 2 OF 2)
PE1240-00-ST001-ST-DRG002

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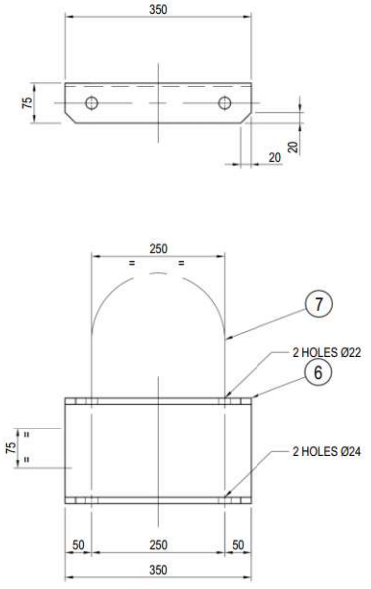
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				15.06.2025			DFH	DFH	



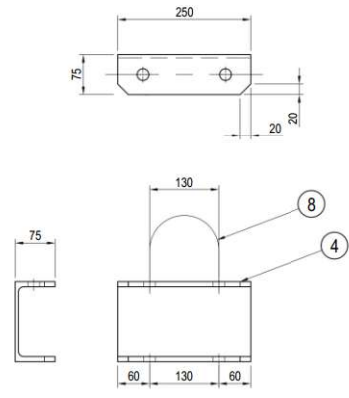
PIPE SUPPORT PS2
-4 REQ'D.
SCALE 1:5



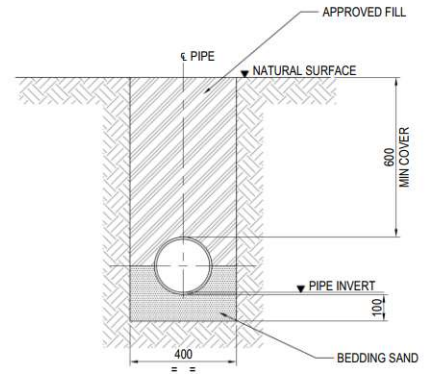
PIPE SUPPORT PS3
-3 REQ'D.
SCALE 1:5



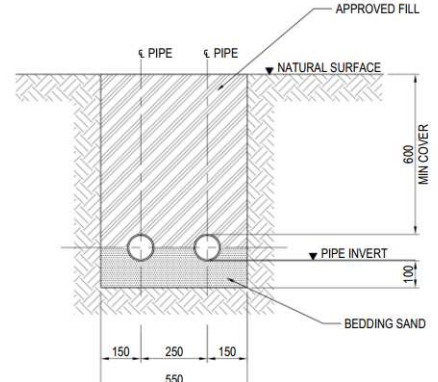
PIPE SUPPORT PS4
-2 REQ'D.
SCALE 1:5



PIPE SUPPORT PS5
-1 REQ'D.
SCALE 1:5



TYPICAL TRENCH DETAIL FOR DN200 SS PIPE
SCALE 1:10



TYPICAL TRENCH DETAIL FOR 2x 100 LV & COMMS. CONDUITS
SCALE 1:10

NOTES:
1. PIPE SUPPORTS TO BE MILD STEEL HOT DIP GALVANISED.

ITEM	QTY	DESCRIPTION	LENGTH	REMARKS
8	4	U-BOLT SUIT DN100 PIPE GALV.	-	-
7	6	U-BOLT SUIT DN200 PIPE GALV.	-	-
6	4	CHANNEL 200PFC, MS, 300+	350	-
5	4	CHANNEL 150PFC, MS, 300+	350	-
4	4	CHANNEL 150PFC, MS, 300+	250	-
3	3	CHANNEL 150PFC, MS, 300+	698	-
2	4	CHANNEL 150PFC, MS, 300+	648	-
1	7	FLAT BAR, 200 x 12 MS 250	250	-

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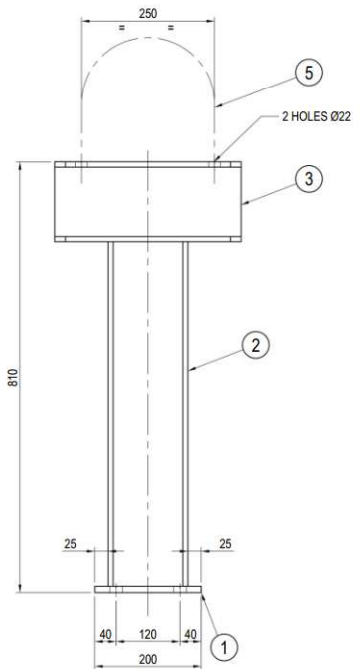
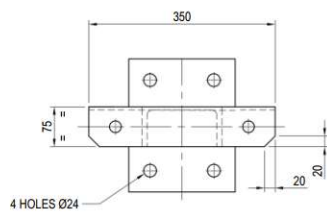
REV	BY	DATE	REVISION DESCRIPTION	CHK	ENG	APP
B	QC	24.06.25	ADDED PIPE SUPPORT PS5			
KF	10.06.2025		ISSUE FOR INFORMATION	GC	QC	

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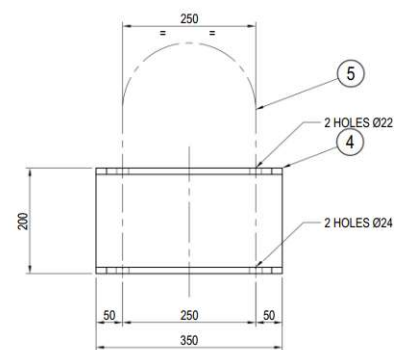
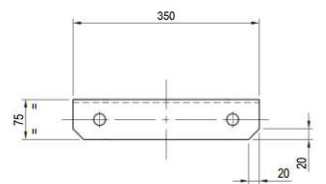


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INITIAL	CHK/AT	DATE	

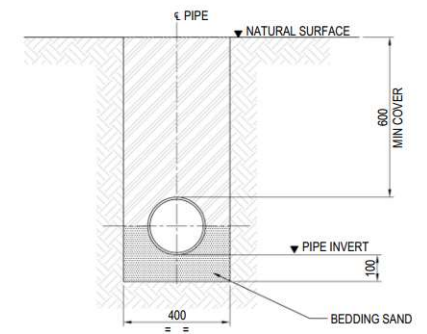
CENTRAL HIGHLANDS REGIONAL COUNCIL
BLACKWATER RECYCLE WATER PIPELINE
PURPLE TANK VALVE STATION - STAGE 2
DETAILS SHEET 2 OF 2



PIPE SUPPORT PS2
-3 REQD.
SCALE 1:5



PIPE SUPPORT PS4
-2 REQD.
SCALE 1:5



TYPICAL TRENCH DETAIL FOR DN200 SS PIPE
SCALE 1:10

- NOTES:
1. PIPE SUPPORTS TO BE MILD STEEL HOT DIP GALVANISED.

ITEM	QTY	DESCRIPTION	LENGTH	REMARKS
5	6	U-BOLT SUIT DN200 PIPE GALV.	-	-
4	4	CHANNEL 200PFC, MS, 300+	350	-
3	4	CHANNEL 150PFC, MS, 300+	350	-
2	4	CHANNEL 150PFC, MS, 300+	648	-
1	7	FLAT BAR, 200 x 12 MS 250	250	-

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REVISION	NO.	DATE	BY	DESCRIPTION	CHK	ENG	APP
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PO BOX 1000
PO BOX 1000
PO BOX 1000



DESIGNED				CENTRAL HIGHLANDS REGIONAL COUNCIL BLACKWATER RECYCLE WATER PIPELINE BOUNDARY VALVE STATION DETAILS SHEET 2 OF 2
DRAWN				
CHECKED				
APPROVED				
SCALE	1:10	DRAWING NO.	PE1240-A3-PI001-PI-DRG020	REV. A