

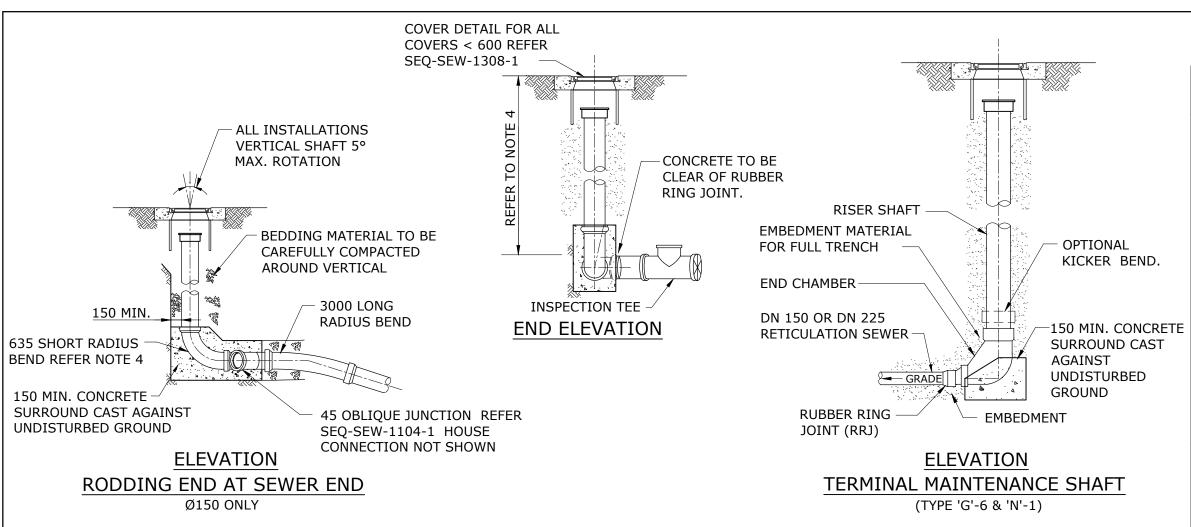
CONNECTION PVC - PVC (SEE NOTE 1)

CONNECTION PE - PE

NOTES:

- 1. FOR CONNECTIONS TO OTHER PIPE MATERIALS SEE SEQ-SEW-1302-1. HYDROPHILIC SEALS TO ALL PIPE MATERIALS.
- 2. FORM ROUNDED NOSING ON INLET AND OUTLET PIPES TO PREVENT DAMAGE TO JETTING EQUIPMENT, CCTV CABLES AND GUIDES.
- 3. HYDROPHYLLIC RUBBER SEALS SHALL BE MINIMUM OF 6x25 AND SHALL FULLY ENCIRCLE THE PIPE FITTING WITH A MINIMUM 50 OVERLAP THAT IS IN CONTRACT WITH IT'S SELF.
- 4. FIX AND MAKE CONTINUOUS THE HYDROPHYLLIC RUBBER SEAL WITH GUN GRADE HYDROPHYLLIC WATERSTOP MASTIC BEAD.

REV. No.	DATE	DESCRIPTION	AUTH.		SEWERAGE STANDARD DRAWING	GCCC	LCC	RCC	QUU	UW
				SEQ WATER	MAINTENANCE HOLE	DRAWING No			'	VERSION
				SERVICE PROVIDERS	SEWER CONNECTION DETAILS	SEQ-SEW-131		L3-1	A	
					ALL PIPE MATERIALS					
				WORK PRACTICES MUST COMPLY WITH ALL APPLICABLE OCCUPATIONAL HEALTH & SAFETY LEGISLATION		NOT	TO SCALE			ORG DATE: 1/1/2013



MAINTENANCE SHAFT DROP DETAILS **DIMENSION 'A'**

	TYPE 'K' & 'L'		TYPE 'G'		TYPI	≣ 'H'	TYPE 'J'		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
TYPE 'Z'	REFER	REFER TYPE 'X'		2000	950	2000	750	2000	
TYPE 'V'	REFER SEQ-SEW-1303-1		00	30	00	30	00	00	

NOTES:

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH STANDARD DRAWINGS SEQ-SEW-1308-1 AND SEQ-SEW-1314-2.
- 2. ALL MAINTENANCE SHAFTS WITH 225 DIA. RISERS MAY UTILISE TYPE 'Z' DROP JUNCTIONS TO EFFECT HIGH LEVEL ENTRIES SUBJECT TO SPECIFIC FITTINGS HEIGHTS AND INSTALLATION DESIGN, REFER MAINTENANCE SHAFT DROP DETAILS DIMENSION 'A'.
- FOR TYPICAL SEWERAGE PIPE INSTALLATION DETAILS REFER TO STD DWG SEQ-SEW-1200 SET.
- RODDING END SHOWN SUITABLE FOR SEWER DEPTHS ≥800. FOR DEPTHS OF 600 TO 800 USE IPLEX BEND #DR 0315088 AND SPIGOT ACCESS COUPLING #D209150 OR EQUAL.
- 5. TRENCH DRAINAGE SHALL CONFORM TO THE DETAILS PROVIDED IN THE STANDARD DRAWINGS.

REFER TO NOTE 2 TYPE 'Z' DROP JUNCTION ^{[≼} DIMENSION 'A **uPVC MAINTENANCE SHAFT** (TYPE "G" Ø225 SHAFT)

REV. No.	DATE	DESCRIPTION	AUTH.	Г

SEQ WATER SERVICE PROVIDERS

WORK PRACTICES MUST COMPLY WITH ALL APPLICABLE OCCUPATIONAL HEALTH & SAFETY LEGISLATION

SEWERAGE STANDARD DRAWING MAINTENANCE STRUCTURES FOR **DN225 AND SMALLER RIGSS** TYPICAL ARRANGEMENT DETAILS

DRAWING No				
SEC	Q-SEV	V-131	4-:	1

LCC

GCCC

Α ORG DATE NOT TO SCALE 1/1/2013

RCC

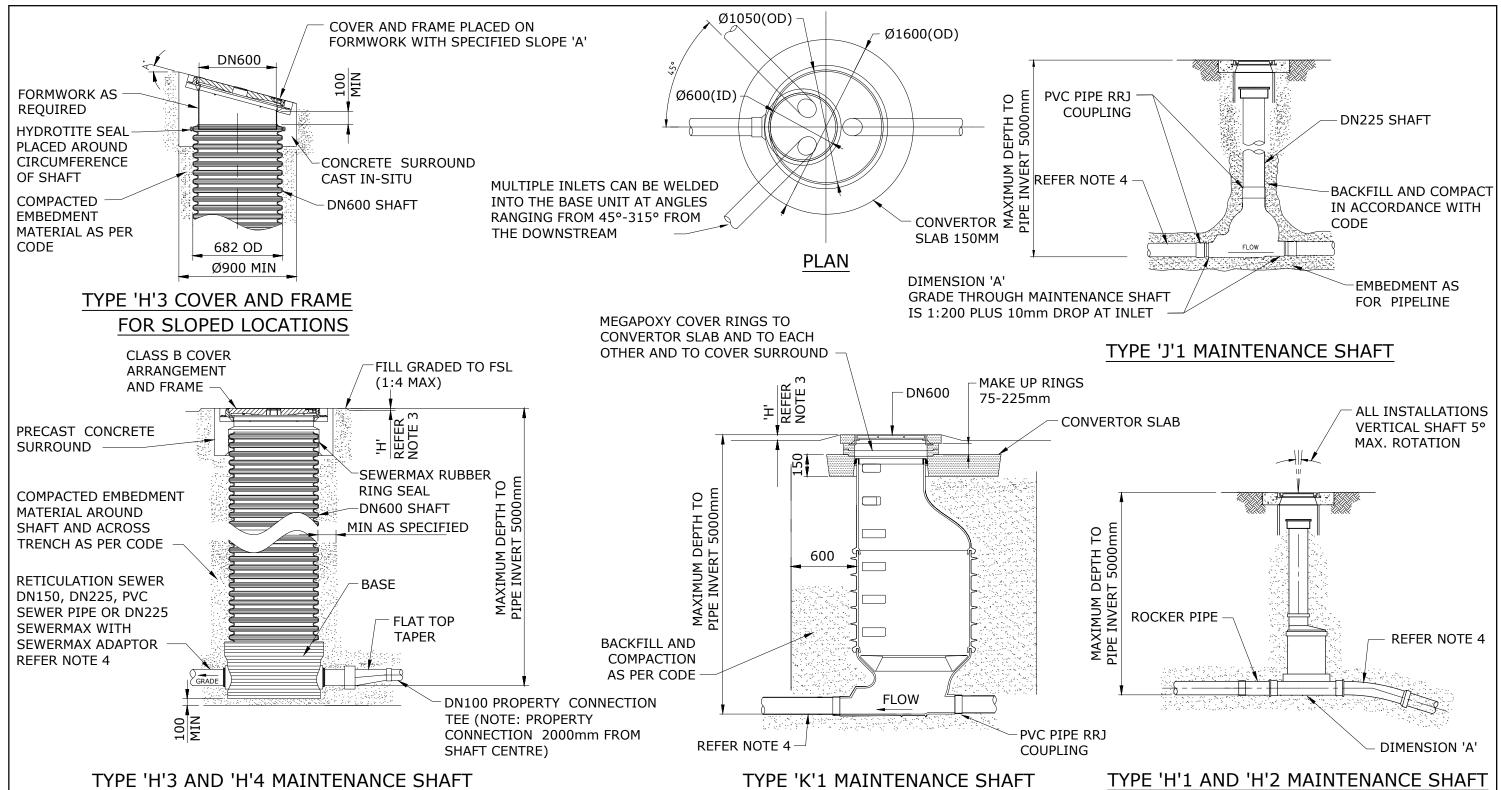
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VERSION

		APPROVED ITE				
		TYPE 'G' - 1 45° TEE AYMROO DWG No. #. AYM 1260-11	-~			
		TYPE 'G' - 2 90° TEE ABOVE & IPLEX PART No. #. D00222545	+			
	uPVC	TYPE 'G' - 3 STRAIGHT AYMROO DWG No. #. AYM 1260-10.1	-			
•		-	<u>_</u> a			
		TYPE 'G' - 5 90° TEE AYMROO DWG No. #. AYM 1260-5.1	To To			
		TYPE 'G' - 6 END - TERMINAL MS AYMROO DWG No. #. AYM 1260-7.1	- 0			
		TYPE 'H' - 1 SMS PART No. #. 400mm STRAIGHT	- 0			
	POLY-	TYPE 'H' - 2 SMS PART No. #. 400mm JUNCTION - L/R 45°	-			
	PROPYLENE	TYPE 'H' - 3 EZIPIT CLASS B L/R 45°	-			
		TYPE 'H' - 4 EZIPIT CLASS D L/R 45°	-4			
	CONCRETE	TYPE 'M' DN600 CLASS B &D	\Longrightarrow			
	POLY- ETHYLENE	TYPE 'J' -1 TYPE 'K' -1 TYPE 'L' -1 TYPE 'N' -1 ROD END	→			
	ALL	TYPE 'Z' DROP JUNCTION FOR TYPE 'G', 'H' & 'J' MAINTENANCE SHAFTS RISER JUNCTION - AYMROO DWG No.# AYM 1260-9 (EQUAL IS ACCEPTABLE)	-			

MAINTENANCE SHAFT TYPE

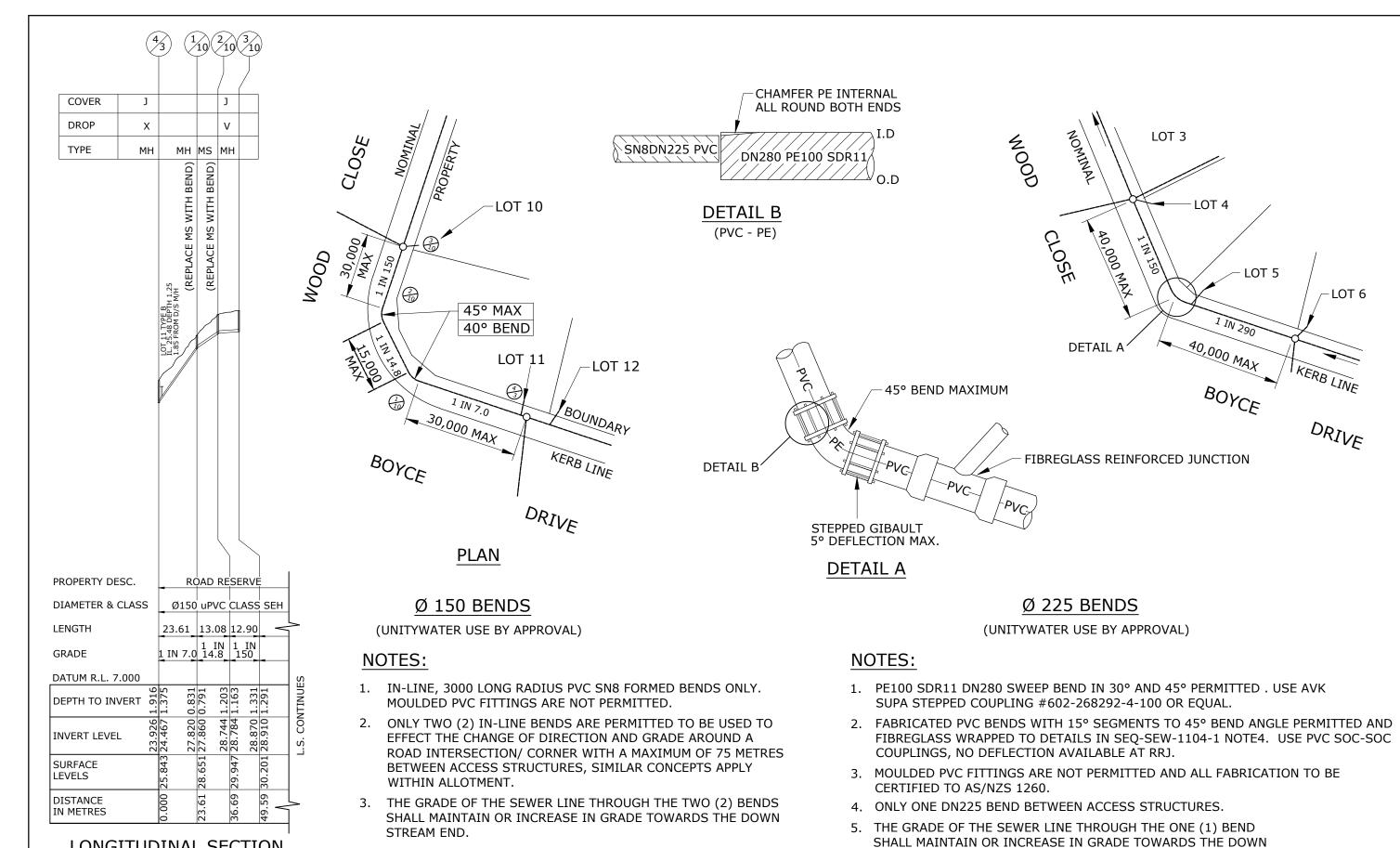


TYPE 'K'1 MAINTENANCE SHAFT
TYPE 'L'1 SIMILAR

NOTES:

- 1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH STANDARD DRAWINGS SEQ-SEW-1308-1 AND SEQ-SEW-1314-1.
- 2. DIMENSION 'A' SHOWN ON SEQ-SEW-1314-1.
- 3. DIMENSION 'H' SHOWN ON SEQ-SEW-1308-1.
- 4. ALL MAINTENANCE SHAFTS SHALL HAVE 600 LONG ROCKER PIPES PROVIDED UPSTREAM AND DOWNSTREAM. LONG RADIUS BEND USE NEGATES THIS REQUIREMENT.

REV. No.	DATE	DESCRIPTION	AUTH.		SEWERAGE STANDARD DRAWING	GCCC	LCC	RCC	DARK	UW
				SEQ WATER	MAINTENANCE SHAFTS	DRAWING No	•			VERSION
				SERVICE PROVIDERS	MS AND VARIABLE BEND FOR RIGSS	SEC)-SEV	V-131	4-2	A
					TYPICAL ARRANGEMENT DETAILS			. 101	_	
				WORK PRACTICES MUST COMPLY WITH ALL APPLICABLE OCCUPATIONAL HEALTH & SAFETY LEGISLATION		NOT	TO SCALE			ORG DATE: 1/1/2013



LONGITUDINAL SECTION

(ORIGINAL DESIGN SHOWING ACCESS STRUCTURES TO BE REPLACED BE LONG RADIUS BENDS)

REV. No. DATE DESCRIPTION AUTH.

SEQ WATER SERVICE PROVIDERS

WORK PRACTICES MUST COMPLY WITH ALL APPLICABLE OCCUPATIONAL HEALTH & SAFETY LEGISLATION

SEWERAGE STANDARD DRAWING **GRAVITY SEWERS RIGGS**

STREAM END.

DRAWING No. SEQ-SEW-1314-3

RCC

LCC

GCCC

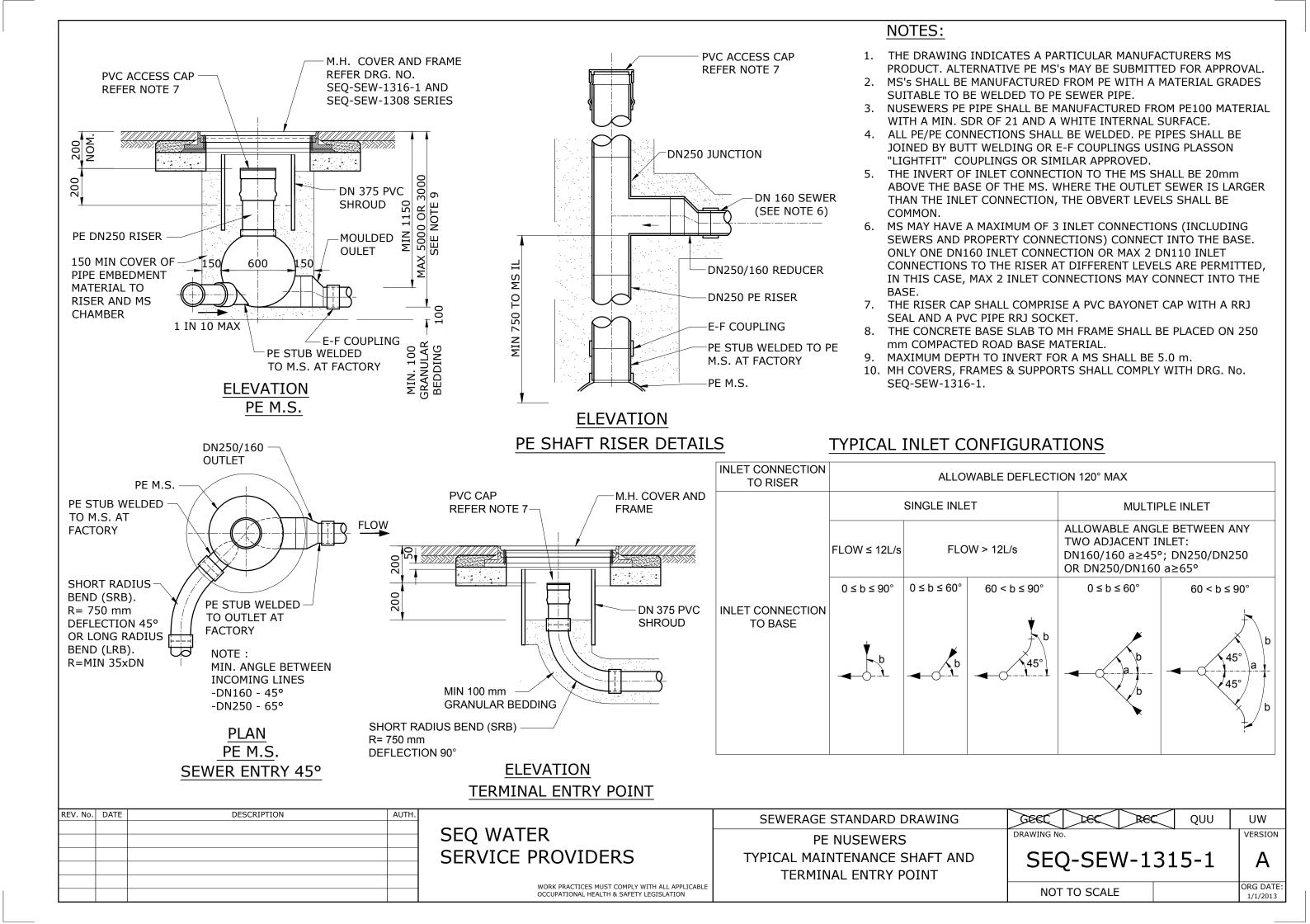
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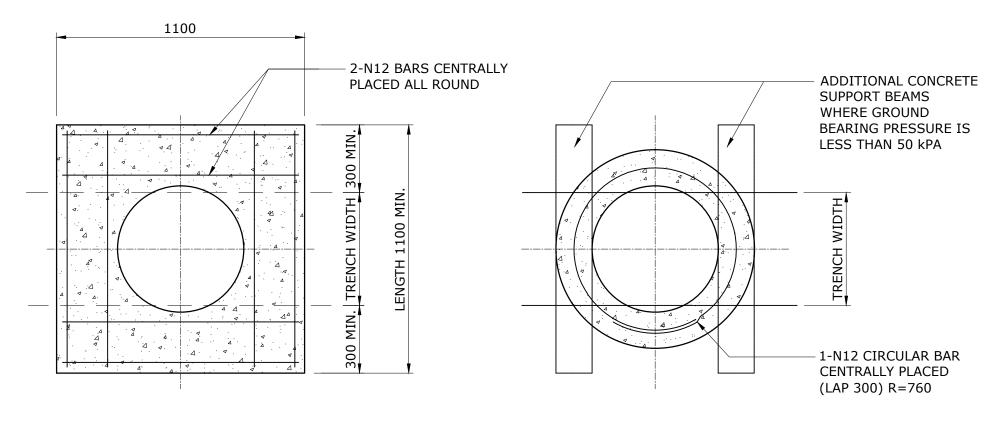
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VERSION

Α

TYPICAL IN-LINE BEND DETAILS



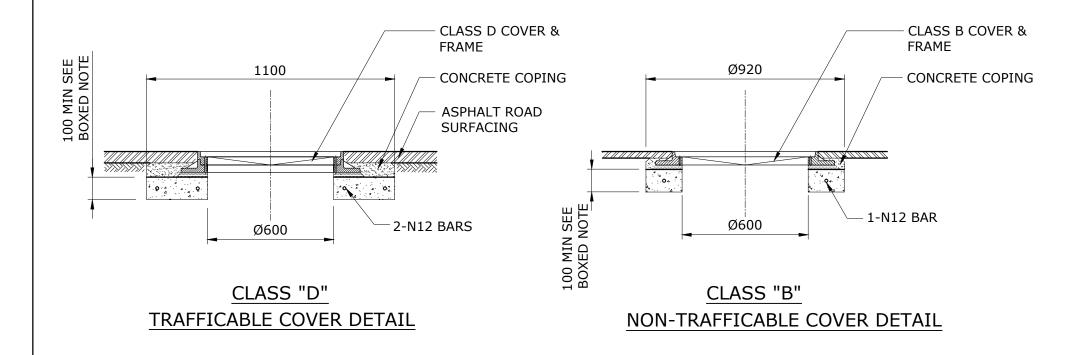


PLAN CONC. BASE

NOTES:

- 1. CONCRETE SHALL BE GRADE N40 TO WSA PS-357.
- 2. STEEL REINFORCEMENT SHALL BE DEFORMED GRADE 500.
- 3. DETAILS OF MAINTENANCE STRUCTURE COVERS AND FRAMES REFER TO DRG.No. SEQ-SEW-1308 SET.

DESIGN INPUT BY RPEQ REQUIRED FOR TRAFFIC LOADS, STRUCTURAL STEEL DESIGN AND NATIVE SOIL CONDITIONS.



PLAN CONC. BASE

REV. No.	. DATE DESCRIPTION AUTH.		SEWERAGE STANDARD DRAWING	GEEC DEC DEC	QUU	UW
		SEQ WATER	PE NUSEWERS	DRAWING No.		VERSION
		SERVICE PROVIDERS	TYPICAL MAINTENANCE STRUCTURE COVER FRAME AND SUPPORT DETAILS	SEQ-SEW-13	A	
			COVER FRAME AND SUPPORT DETAILS			
		WORK PRACTICES MUST COMPLY WITH ALL APPLICABLE OCCUPATIONAL HEALTH & SAFETY LEGISLATION		NOT TO SCALE		ORG DATE: 1/1/2013