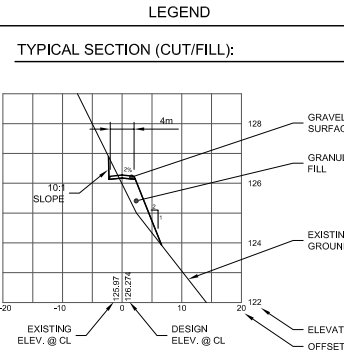
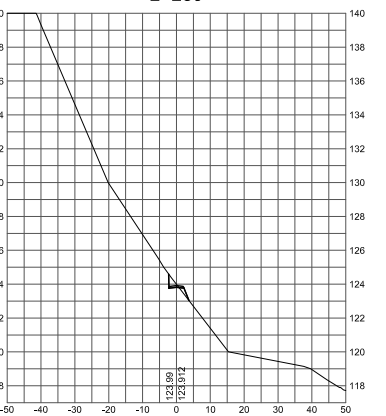
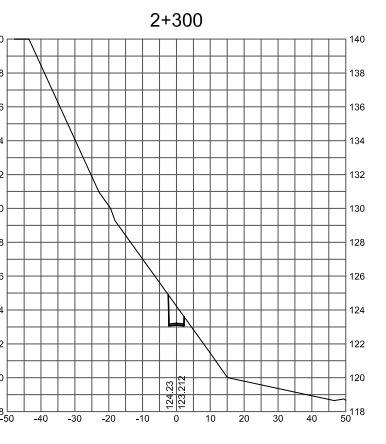
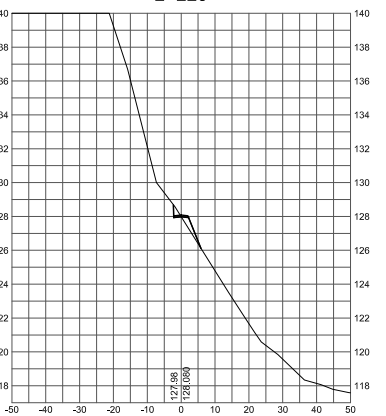
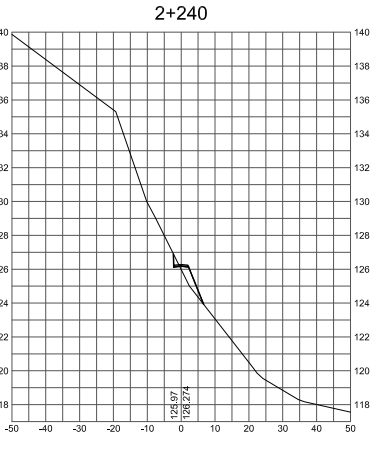
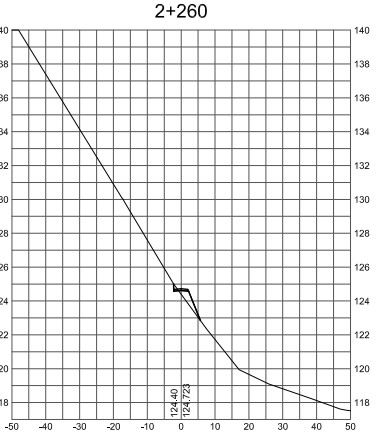
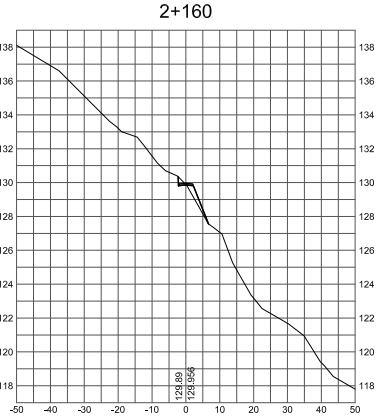
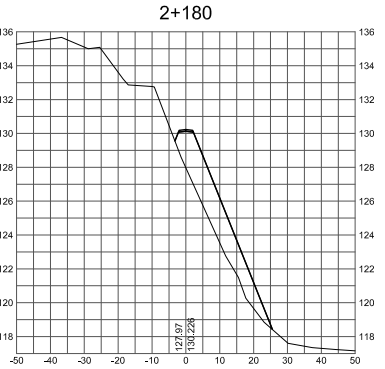
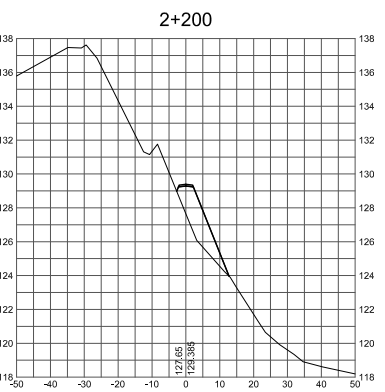
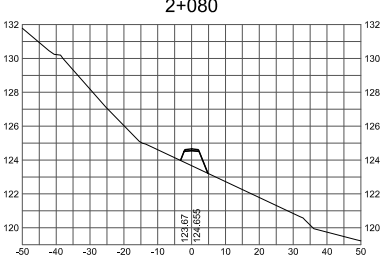
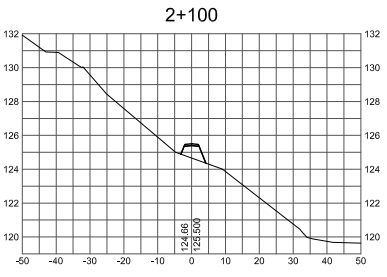
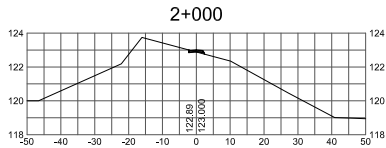
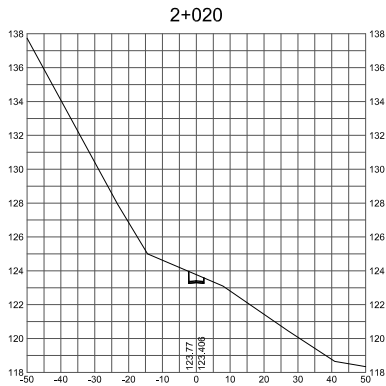
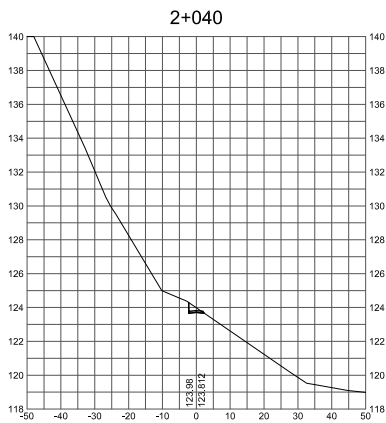
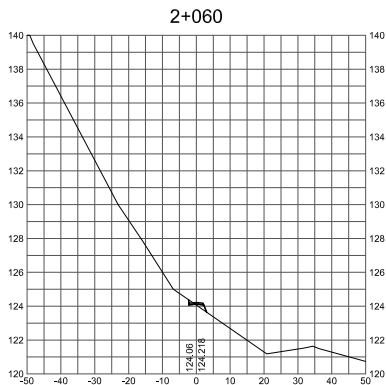


EDIT DATE: 31.01.2008 PLOT DATE: 411px 01/20/2008 ACAD FILE: 411px 01/20/2008 411px 01/20/2008



-GRAVEL SURFACE IS 100mm DEEP 19mm MINUS
-GRANULAR FILL TO BE WELL GRADED

NOTES

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CHANGE	DATE	DESCRIPTION	CHECK
3	01/20/06	95% SUBMISSION	GS
2	10/28/05	75% SUBMISSION	GS
1	08/11/05	ISSUED FOR CLIENT REVIEW	GS

DESIGN	DRAWN	CHECKED	DATE
GS	TPW	GS	DEC 06

DESIGN	DRAWN	CHECKED	DATE
GS	TPW	GS	DEC 06

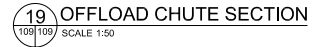
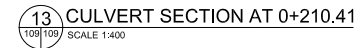
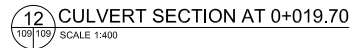
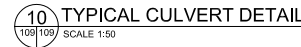


PROJECT
CAPE DORSET
SEWAGE TREATMENT SYSTEM
CAPE DORSET

TITLE
LAGOON ROAD CROSS SECTIONS
STATION 2+000 TO 2+300

SCALE	AS SHOWN
DILLON PROJECT NUMBER	05-4319-2000
CLIENT PROJECT NUMBER	3439
DRAWING NUMBER	108

LAGOON ROAD CROSS SECTIONS 2+000 TO 2+300
SCALE 1:1000H 1:200V

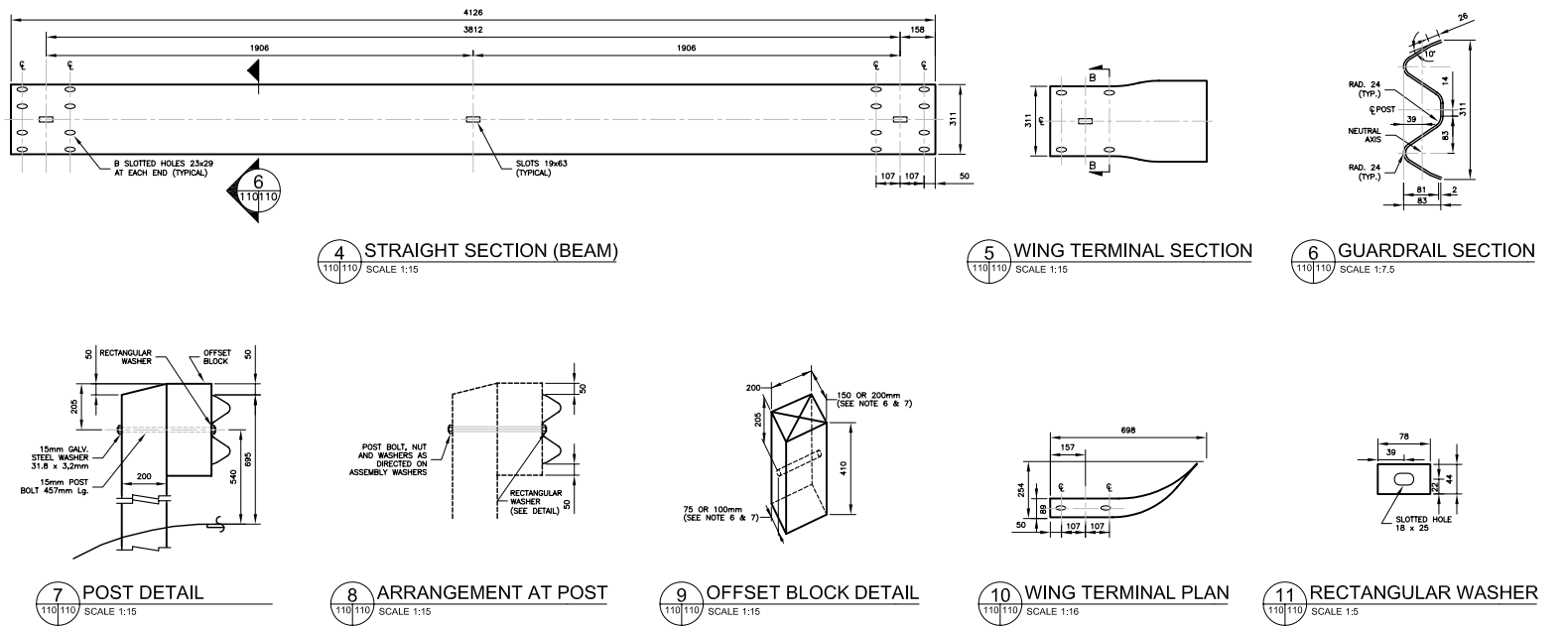
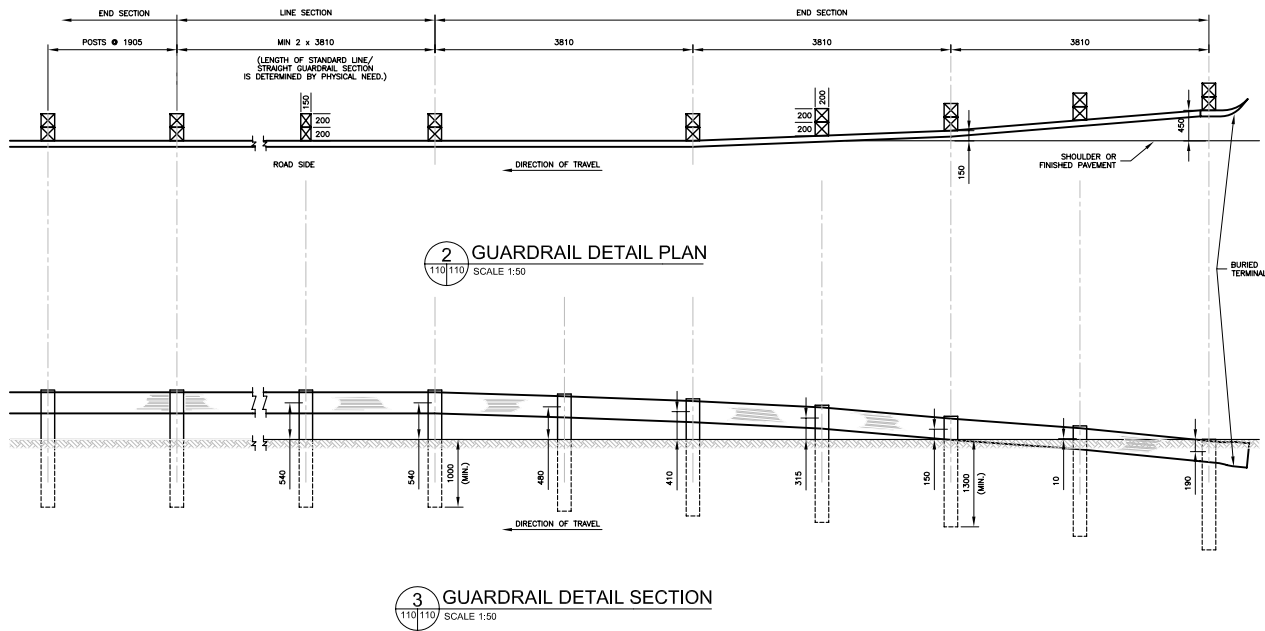


REVISIONS			
DESIGN	DRAWN	CHECKED	DATE
GS	TPW	GS	DEC 06

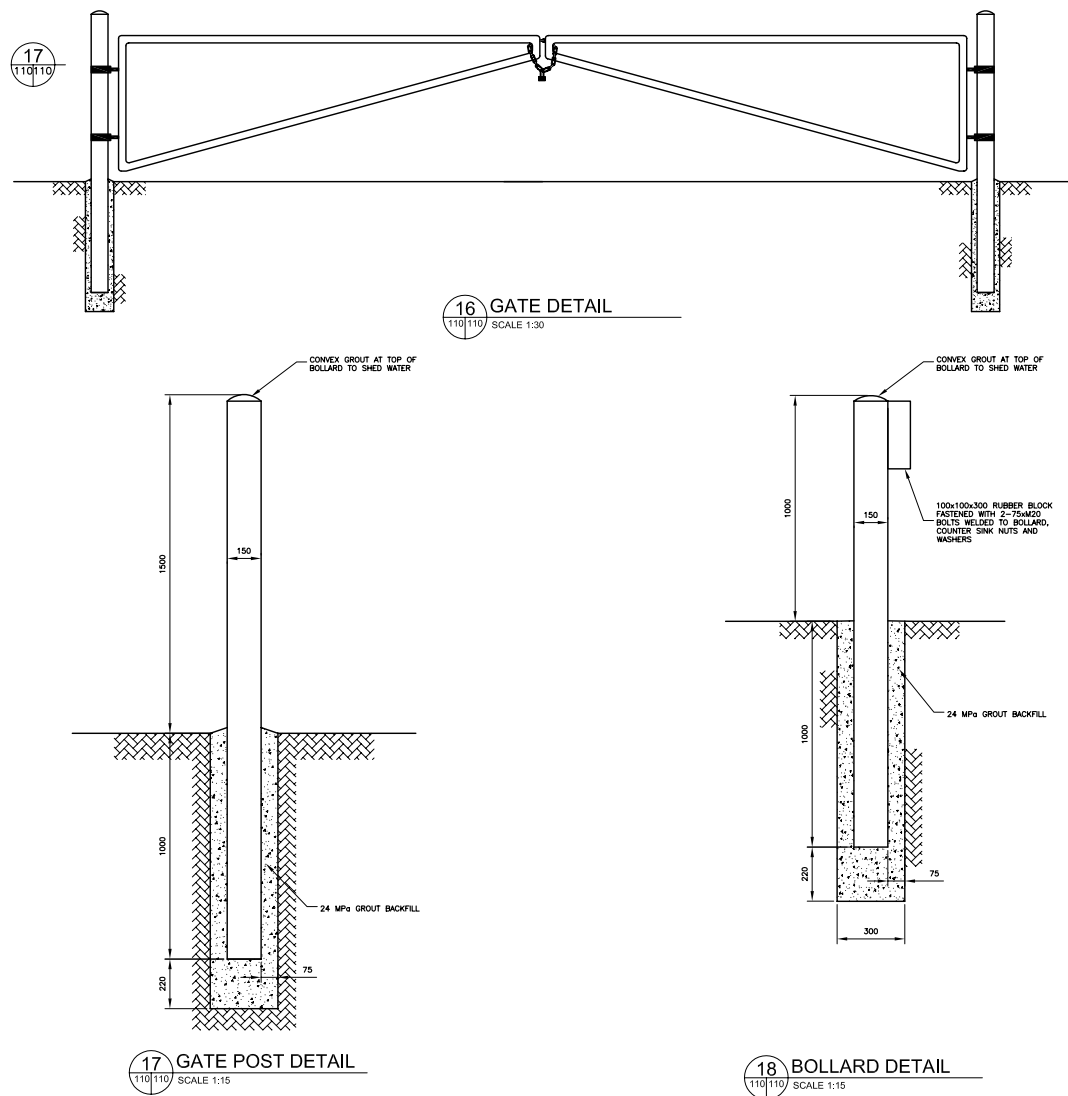
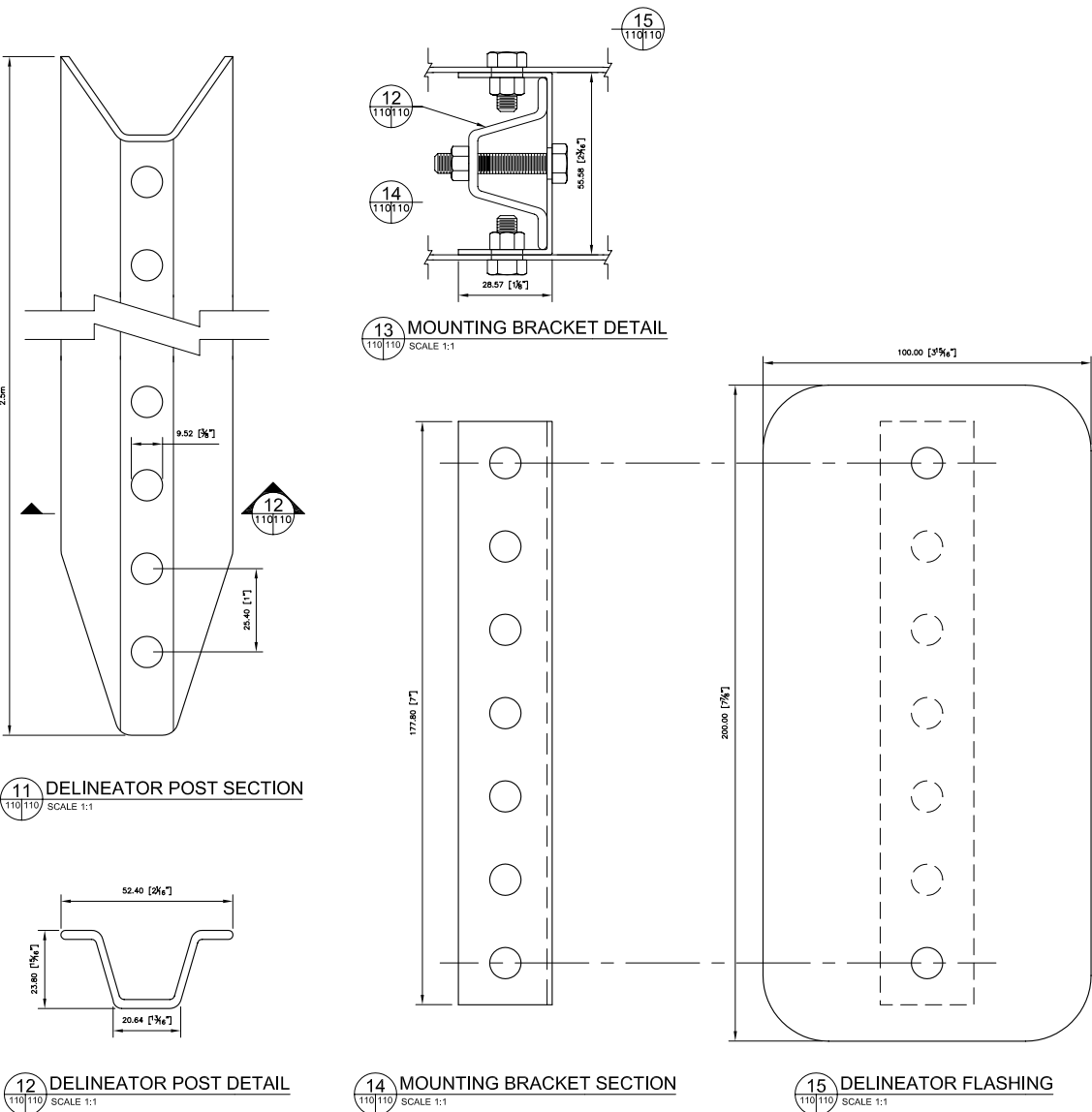


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NOT TO SCALE**

TITLE	EARTHWORKS & SEWAGE DISCHARGE DETAILS AND SECTIONS
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- NOTES
- THICKNESS OF RAIL TO BE 2.8mm, THICKNESS OF RECTANGULAR WASHER TO BE 4.0mm.
 - ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES UNLESS OTHERWISE INDICATED.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 - ALL MEASUREMENTS IN MILLIMETERS.
 - END POSTS TO 200mm x 200mm.
 - LINE POSTS 150mm x 200mm.
 - OFFSET BLOCKS FOR END POSTS 200mm x 200mm x 410mm.
 - OFFSET BLOCKS FOR END POSTS 150mm x 200mm x 410mm.
 - ALL JOINTS TO BE LAPED IN THE DIRECTION OF TRAFFIC.
 - BURIED TERMINALS ARE TO BE USED AT BOTH ENDS OF THE GUARDRAIL.



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DESIGN	DRAWN	CHECKED	DATE
GS	TPW	GS	DEC 06

REVISIONS

DESIGN GS DRAWN TPW CHECKED GS DATE DEC 06

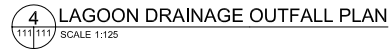
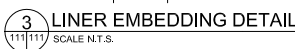
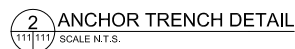


PROJECT
CAPE DORSET
SEWAGE TREATMENT SYSTEM
CAPE DORSET

TITLE
GUARDRAIL - DELINEATOR - GATE
DETAILS AND SECTIONS

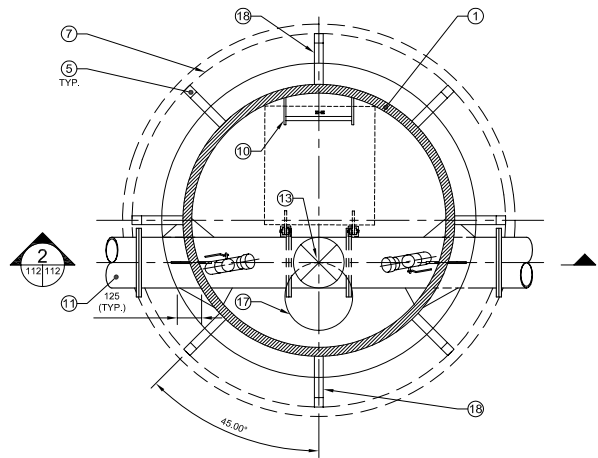
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DILLON PROJECT NUMBER 05-4319-2000
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DILLON
CONSULTING

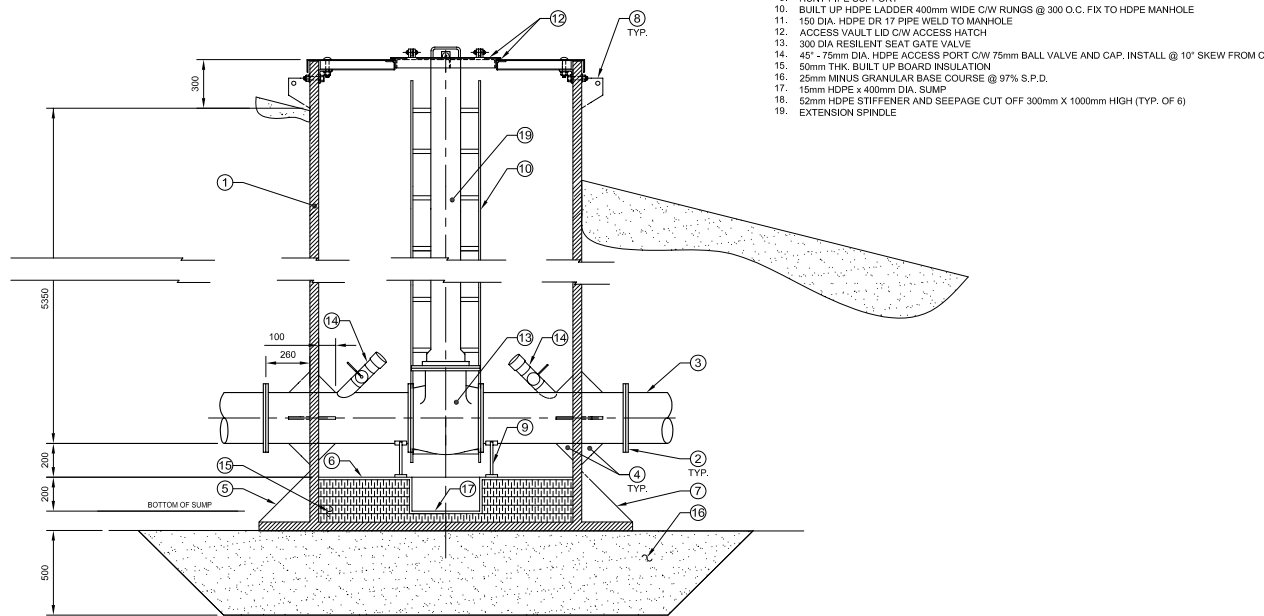


**DILLON
CONSULTING**

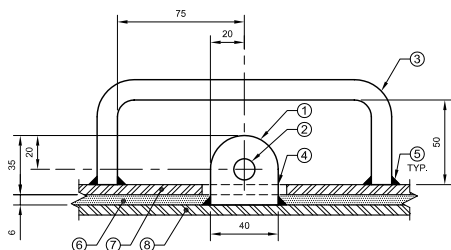
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CLIENT PROJECT NUMBER	34
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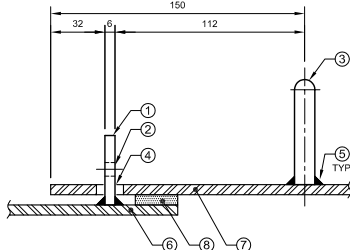
1 WATER SUPPLY LINE MANHOLE PLAN
112/112 SCALE 1:20



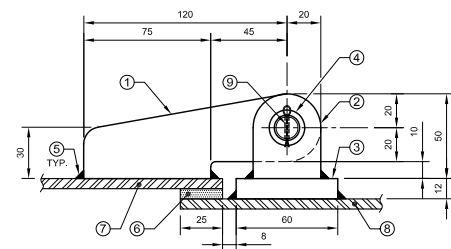
2 WATER SUPPLY LINE MANHOLE SECTION
112/112 SCALE 1:20



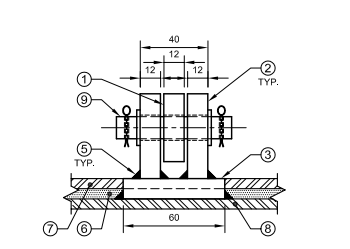
6 HASP AND LIFTING HANDLE DETAIL
112/112 SCALE 1:2



7 HASP AND LIFTING HANDLE SECTION
112/112 SCALE 1:2



8 MANHOLE ACCESS HATCH HINGE DETAIL
112/112 SCALE 1:2



9 MANHOLE ACCESS HATCH HINGE SECTION
112/112 SCALE 1:2

KEYNOTES:

- 1600mm DIA. HDPE PIPE DR 32.5
- FLANGE TO FLANGE CONNECTION
- 300 DIA. HDPE DR 17 PIPE FLANGED TO MANHOLE
- 15mm HDPE STIFFENER (TYP. OF 4)
- 52mm HDPE STIFFENER (TYP. OF 6)
- 15mm HDPE FLOOR (SLOPE FLOOR TO SUMP), WELD TO MANHOLE
- 52mm HDPE BASE, WELD TO MANHOLE
- 52mm HDPE LIFTING HOOK (TYP. OF 4)
- HUNT PIPE SUPPORT
- BUILT UP HDPE LADDER 400mm WIDE C/W RUNGS @ 300 O.C. FIX TO HDPE MANHOLE
- 150 DIA. HDPE DR 17 PIPE WELD TO MANHOLE
- ACCESS VAULT LID C/W ACCESS HATCH
- 300 DIA RESILIENT SEAT GATE VALVE
- 45° - 75mm DIA. HDPE ACCESS PORT C/W 75mm BALL VALVE AND CAP. INSTALL @ 10° SKEW FROM C
- 50mm THK. BUILT UP BOARD INSULATION
- 25mm MINUS GRANULAR BASE COURSE @ 97% S.P.D.
- 15mm HDPE x 400mm DIA. SUMP
- 52mm HDPE STIFFENER AND SEEPAGE CUT OFF 300mm X 1000mm HIGH (TYP. OF 6)
- EXTENSION SPINDLE

NOTES:

- ACCESS MANHOLE LID & HATCH ANGLE FRAMING ARE NOT SHOWN FOR CLARITY. FOR DETAIL REFER TO FRAMING PLAN AS PER DETAIL
- ALL WELDS AND ABRASIONS TO BE REPAIRED WITH TWO COATES OF GALVCON.

KEYNOTES:

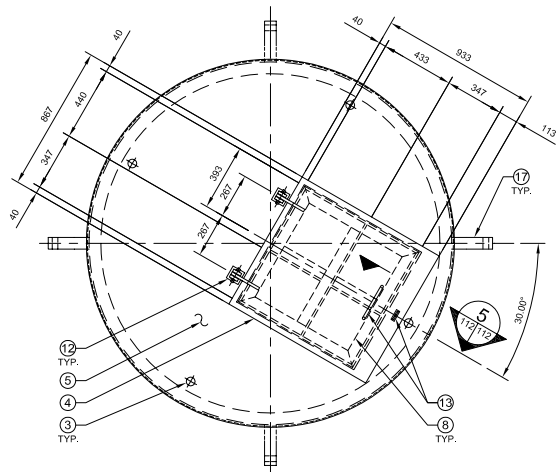
- 6mm THK. GALV. STEEL STAPLE
- 12.5mm DIA. DRILLED HOLE FOR PADLOCK
- 12.5mm DIA. GALV. STEEL BAR LIFTING HANDLE
- 50mmx15mm SLOT HOLE
- 6mm FILLET WELD ALL AROUND (TYP.)
- 25mm WIDE x 6mm THK. RUBBER GASKET MASTIC TO UNDERSIDE OF HATCH COVER (TYPICAL 4 SIDES)
- 6mm THK. GALV. STEEL PLATE ACCESS HATCH COVER
- 6mm THK. GALV. STEEL PLATE MANHOLE LID

NOTES:

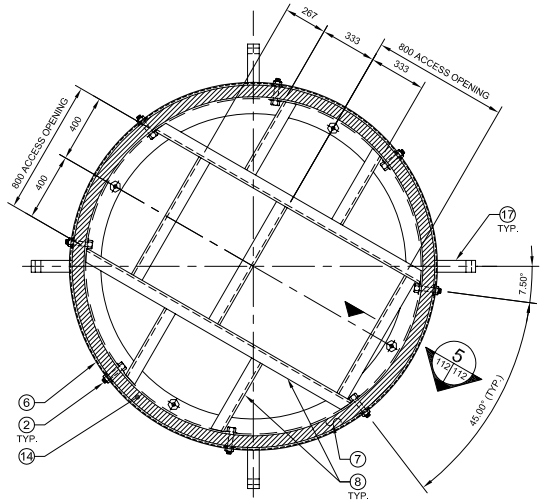
- ACCESS MANHOLE LID & HATCH ANGLE FRAMING ARE NOT SHOWN FOR CLARITY. FOR DETAIL REFER TO FRAMING PLAN AS PER DETAIL
- ALL WELDS AND ABRASIONS TO BE REPAIRED WITH TWO COATES OF GALVCON.

KEYNOTES:

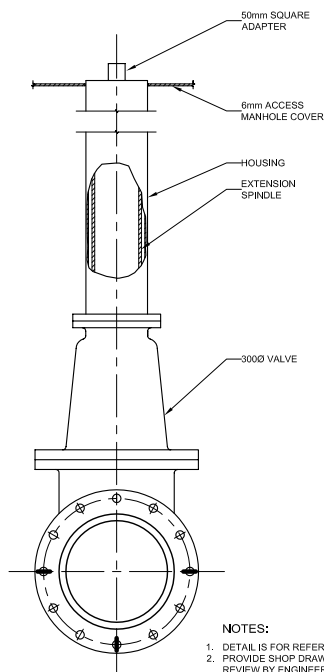
- 12mm THK. GALV. STEEL HINGE ARM C/W HOLE FOR 13mm DIA. PIN
- 12mm THK. GALV. STEEL HINGE ARM SUPPORT C/W HOLE FOR 13mm DIA. PIN (TYPICAL OF 2)
- 60mm x 60mm x 12mm THK. GALV. STEEL BASE PLATE
- GAVL. STEEL WASHER (TYP.)
- 6mm FILLET WELD ALL AROUND
- 25mm WIDE x 6mm THK. RUBBER GASKET MASTIC TO UNDERSIDE OF HATCH COVER (TYPICAL 4 SIDES)
- 6mm THK. GALV. STEEL PLATE ACCESS HATCH COVER
- 6mm THK. GALV. STEEL PLATE MANHOLE LID
- 13mm DIA. GALV. STEEL PIN C/W 2 COTTER PIN



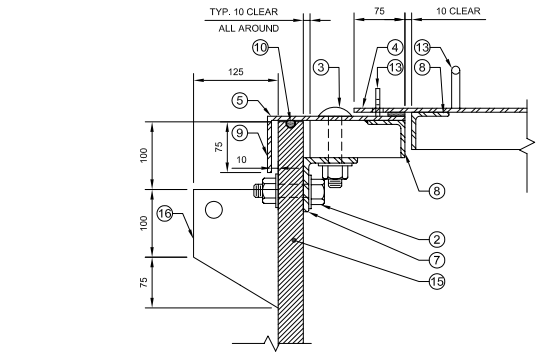
3 MANHOLE ACCESS HATCH FRAMING DETAIL
112/112 SCALE 1:20



4 MANHOLE LID FRAMING DETAIL
112/112 SCALE 1:20



10 EXTENSION SPINDLE DETAIL
112/112 SCALE 1:10



5 MANHOLE ACCESS SECTION
112/112 SCALE 1:5

NOTES:

- FOR ACCESS MANHOLE LID FRAMING PLANS 6mm THK. GALV. STEEL PLATE LID NOT SHOWN FOR CLARITY.
- ALL WELDS AND ABRASIONS TO BE REPAIRED WITH TWO COATES OF GALVCON.

KEYNOTES:

- 1220mm DIA. HDPE DR 32.5 MANHOLE WALL
- 19mm DIA. GALV. NUT, BOLT & WASHER (8 REQ'D) SEE ACCESS MANHOLE LID FRAMING PLAN FOR ARRANGEMENT
- 19mm DIA. GALV. NUT, CARRIAGE BOLT & WASHER (4 REQ'D) SEE ACCESS HATCH FRAMING PLAN FOR ARRANGEMENT
- 6mm THK. GALV. STEEL PLATE ACCESS HATCH COVER
- 6mm THK. GALV. STEEL PLATE MANHOLE LID
- 6mm THK. x 75mm DEEP GALV. STEEL BAND, WELD TO LID
- 75x75x8 GALV. ROLLED ANGLE CONTINUOUS ALL AROUND AND BOLTED TO HDPE MANHOLE
- 55x55x6 GALV. ANGLE SEE ACCESS HATCH FRAMING DETAIL 4
- 55x55x6 GALV. ANGLE SEE ACCESS HATCH FRAMING DETAIL 3
- 12.5mm DIA. RUBBER GASKET IN ROUTED SLOT CONTINUOUS ALL AROUND WEATHER TIGHT
- 25mm WIDE x 6mm THK. RUBBER GASKET, MASTIC TO UNDERSIDE OF HATCH COVER (TYP. 4 SIDES)
- ACCESS HATCH COVER HINGE (TYP. OF 2/PER) SEE DETAIL 8 THIS DWG.
- ACCESS HATCH COVER HASP & LIFTING HANDLE SEE DETAIL 6 THIS DWG.
- HDPE MANHOLE WALL
- 1600mm DIA. HDPE DR 32.5 MANHOLE WALL
- HDPE LIFTING HOOK SEE FRAMING DETAIL FOR ARRANGEMENT
- 52mm HDPE LIFTING HOOK C/W 25mm DIA. HOLE (4 REQ'D)

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DESIGN	DRAWN	CHECKED	DATE
GS	TPW	GS	DEC 06

REVISIONS



PROJECT
CAPE DORSET SEWAGE TREATMENT SYSTEM CAPE DORSET
TITLE
ACCESS MANHOLE DETAILS

DILLON CONSULTING	SCALE	AS SHOWN
	DILLON PROJECT NUMBER	05-4319-2000
	CLIENT PROJECT NUMBER	3439
	DRAWING NUMBER	112