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SECTION 7.0 - STANDARD DRAWINGS

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Roadway and Walkway Typical Cross-Sections

R-1	Urban Collector Street with Curb and Gutter
R-2	Rural Street
R-3	Urban Local Street with Curb and Gutter
R-4	Urban Cul-de-Sac with Curb and Gutter
R-5	Paved Lane
R-6	Walkway

Typical Utility Offsets within Road Right-of-Way

RU-1	Urban Collector Street with Curb and Gutter
RU-2	Rural Street
RU-3	Urban Local Street with Curb and Gutter
RU-4	Urban Cul-de-Sac with Curb and Gutter

Curb, Gutter and Sidewalk

C-1	Non-Mountable Curb and Gutter
C-2	Mountable Monolithic Curb and Gutter

Trench Excavation and Backfill

T-1	Standard Classes of Pipe Bedding and Backfill Within the Pipe Zone
T-2	Trench Detail Section Through Gravelled or Natural Surface
T-3	Trench Detail Section Through Pavement Surface
T-4	Common Trenching Detail for Sewer Forcemain and Gravity Main

Pressure mains and Appurtenances

P-1	Pressure Main Thrust Blocks
P-2	Sewer and Water Services in Common Trench
P-3	Standard Watermain Realignment
P-4	Typical 19 mm Water Service Connection
P-5	Robar Valve Box and Riser
P-6	Fire Hydrant Assembly
P-7	Typical Self-Drain Standpipe
P-8	Combination Air Release Valve or Air & Vacuum Release Valve

### Gravity Sewermains and Appurtenances

- S-1 Typical Manhole for 200 - 400 mm Diameter Mains
- S-2 Exterior Drop Manhole
- S-3 Manhole Benching and Channelling
- S-4 Sewer Cleanout
- S-5 Typical Sewer Service Connections
- S-6 Manhole for Large Diameter Sewers
- S-7 Watermain and Sewermain Anchors
- S-8 Concrete Encasement Detail

### Drainage Facilities

- D-1 Catch Basin Placed in an Open Ditch
- D-2 Standard Catch Basin Detail Type II
- D-3 Storm Sewer Side Inlet Frame
- D-4 Typical Perforated Drain Installation
- D-5 Concrete Outlet and Inlet Structure

### Street Lighting

- L-1 Typical Street Light
- L-2 Typical Street Light Anchor Base
- L-3 Street Light Underground Conduit Installation
- L-4 Frangible Base Details

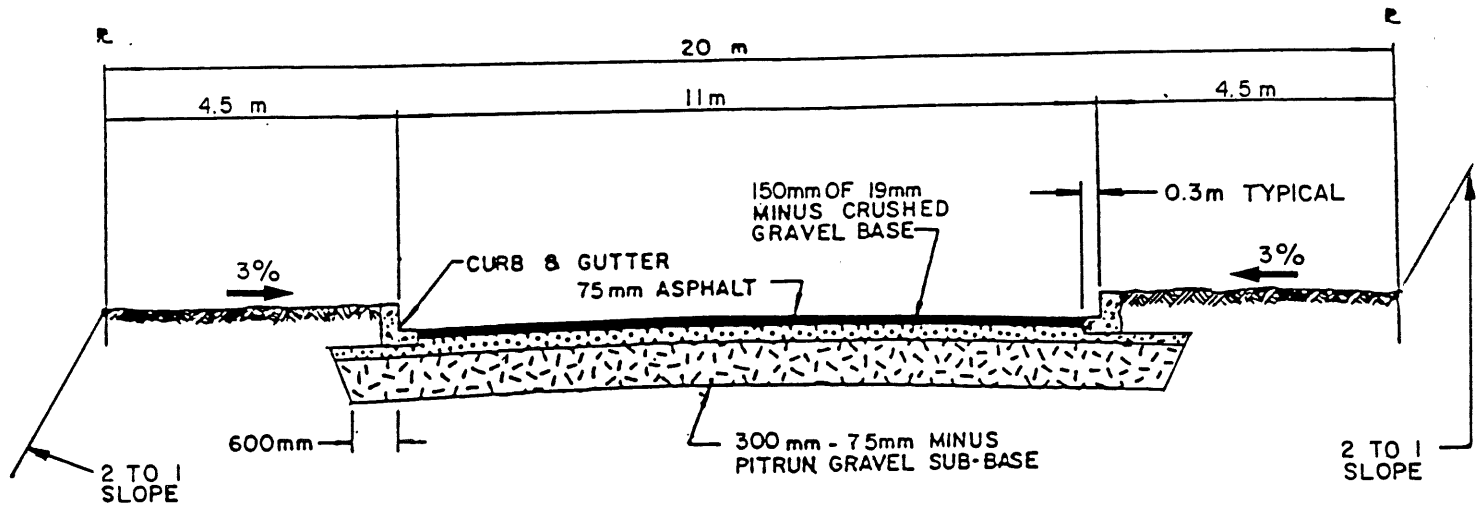
### Fencing

- F-1 Range Fence
- F-2 Security Chain Link Fence Detail

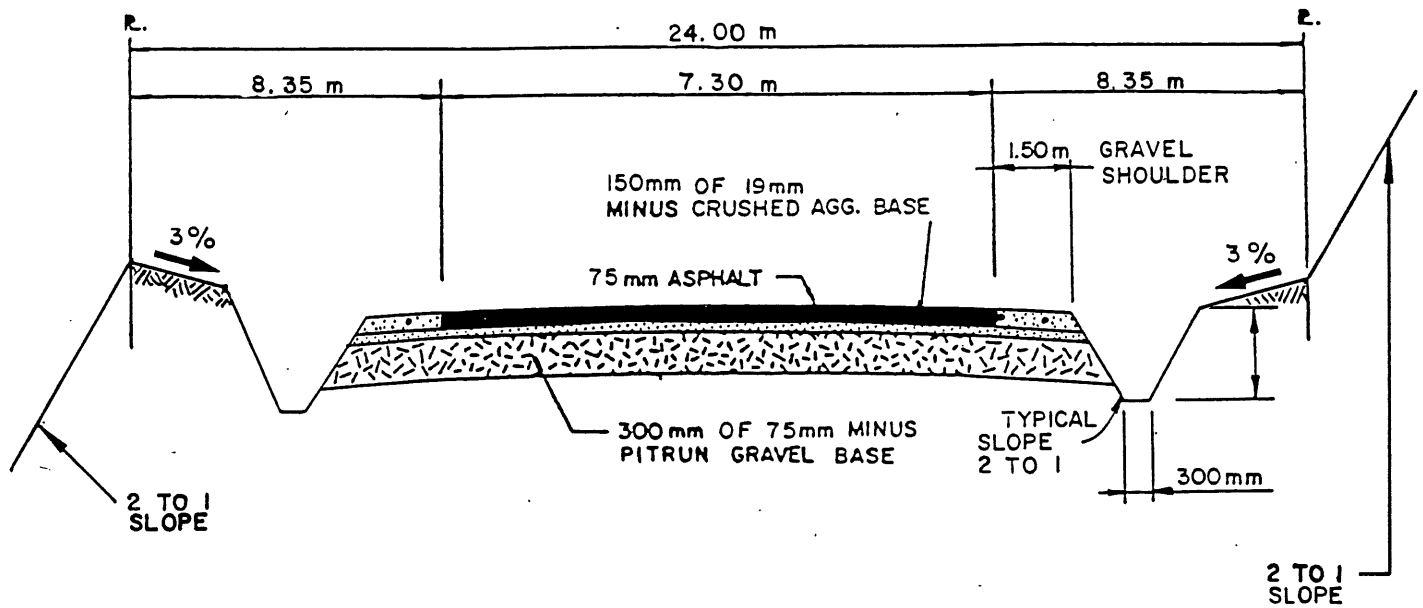
### Horizontal Drilling and Encasement Installation

- H-1 Encasement and Carrier Pipe Detail

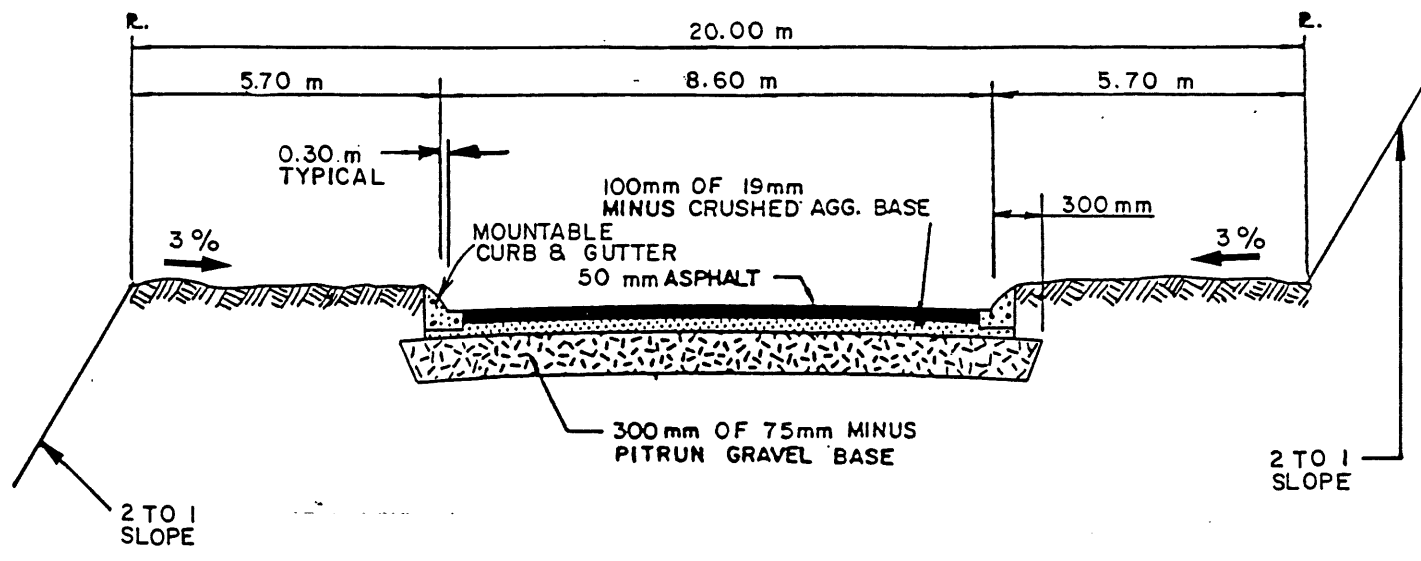
# **STANDARD DRAWINGS**



Village of <i>Montrose</i>					URBAN COLLECTOR STREET WITH CURB AND GUTTER	
	DATE DRAWN:	MARCH, 1992	NO.	DATE	REVISION	BY APP'D
					DRWN. D.H. CHK. R.R.	SCALE: N.T.S.
						DWG. No. R-1



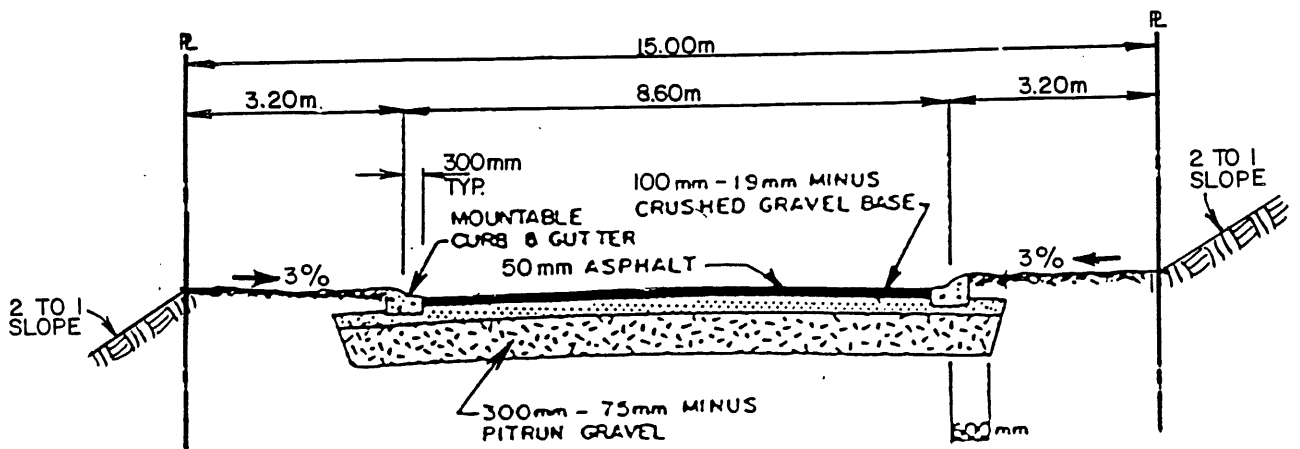
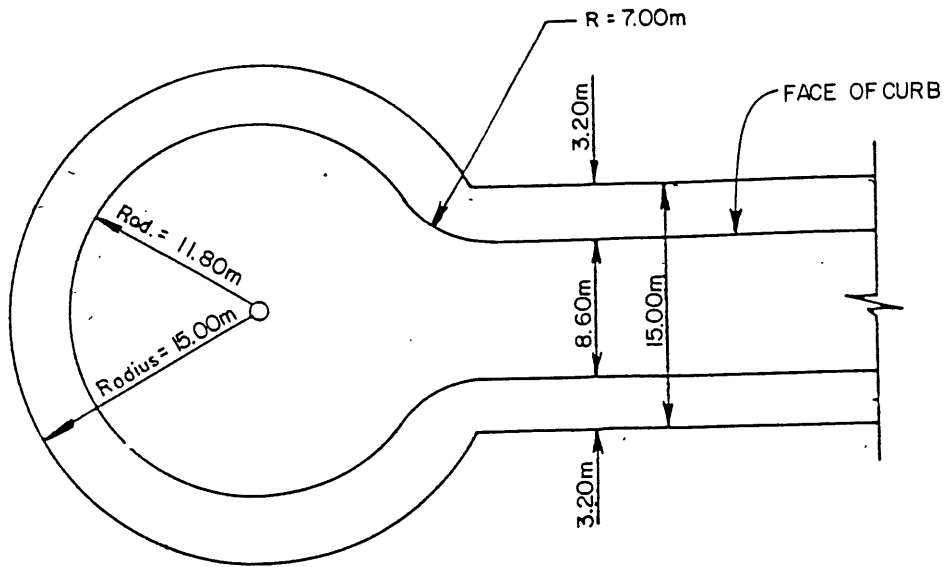
Village of <i>Montrose</i>						RURAL COLLECTOR STREET		
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URBAN LOCAL STREET  
WITH CURB AND GUTTER

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URBAN CUL DE SAC  
WITH CURB AND GUTTER

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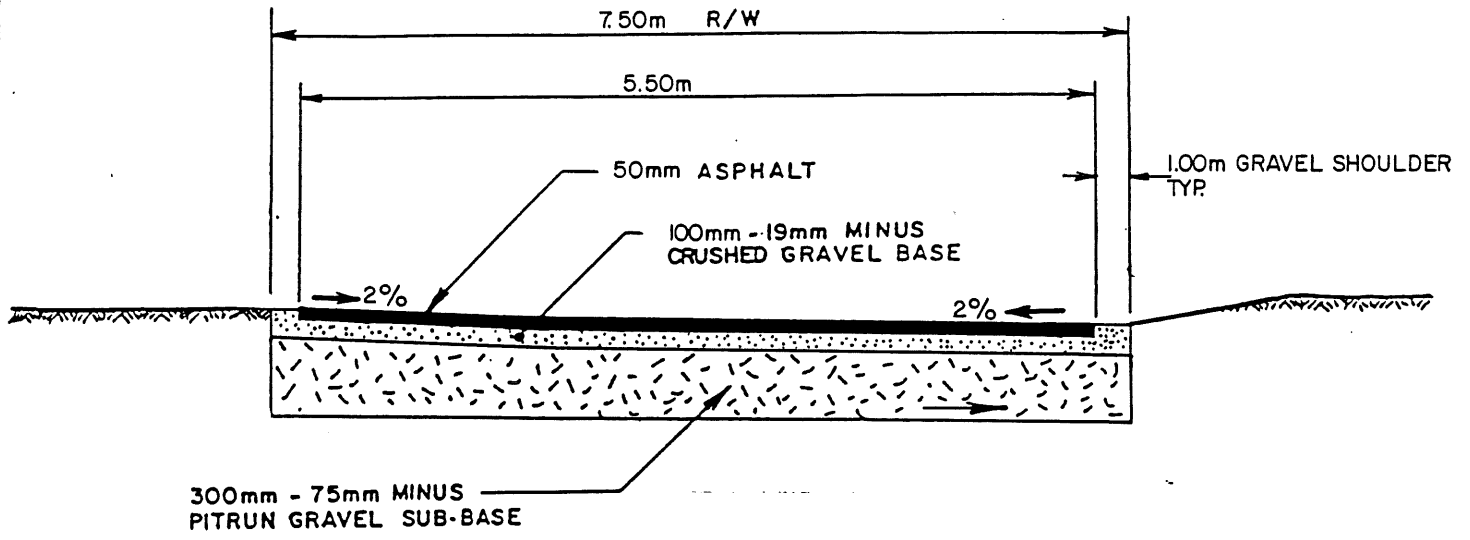
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R-4

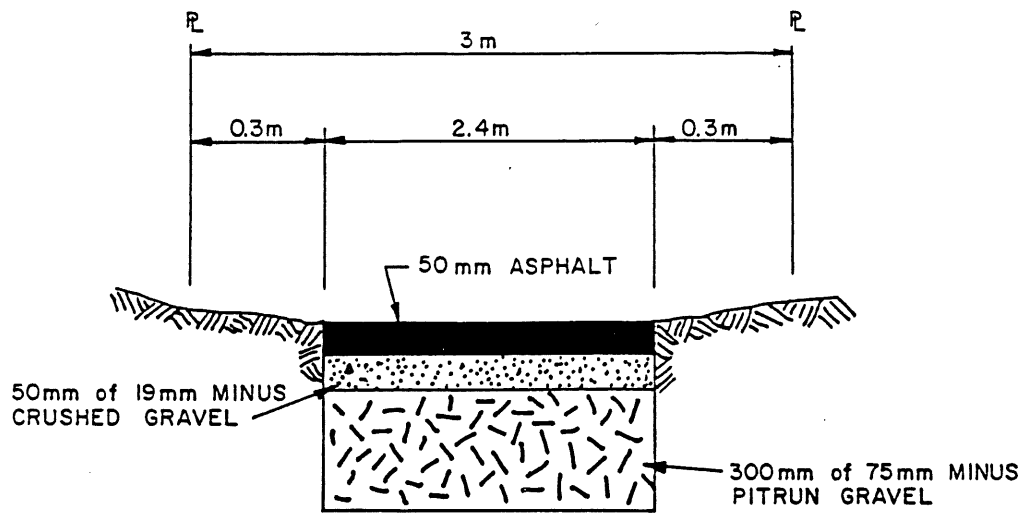


Village of  
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PAVED LANE

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WALKWAY

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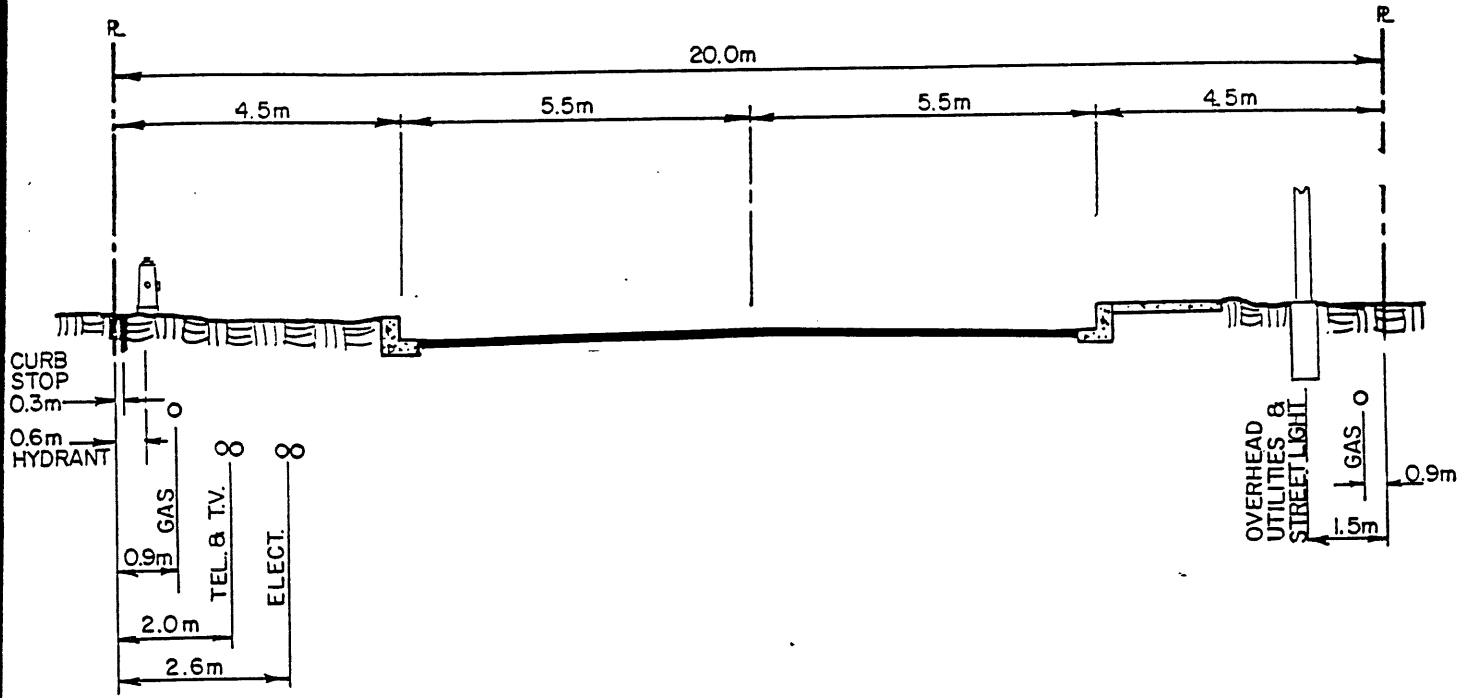
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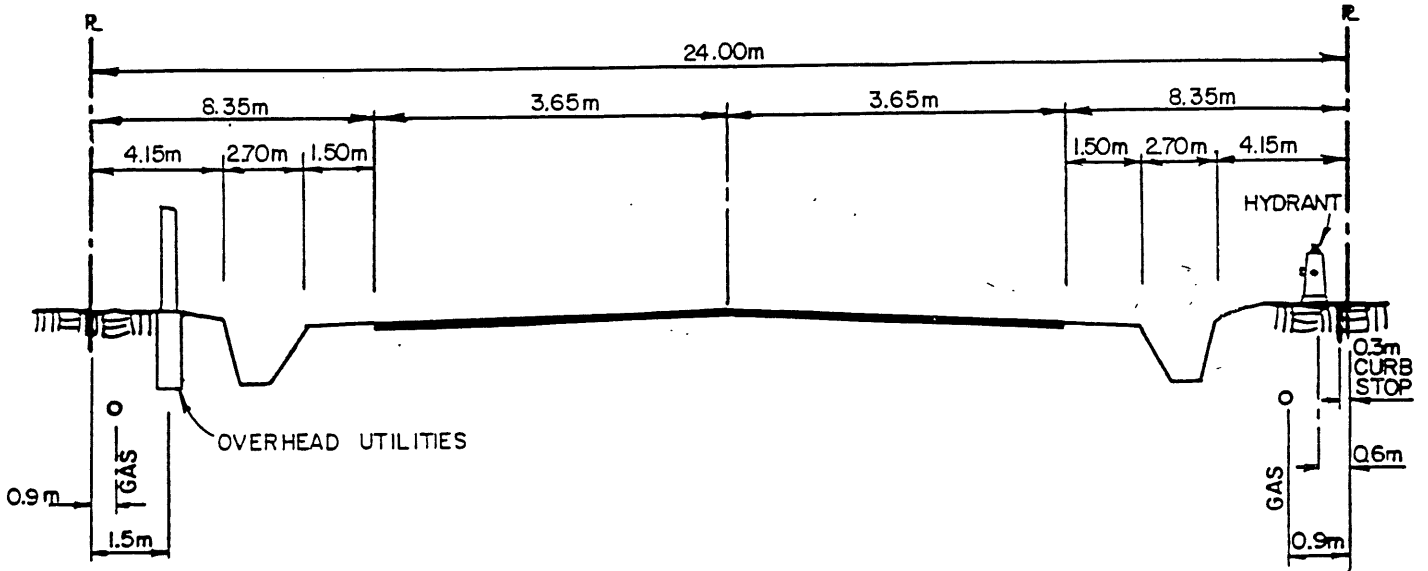
DWG. No. R-6



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URBAN COLLECTOR STREET  
WITH CURB AND GUTTER

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RURAL STREET

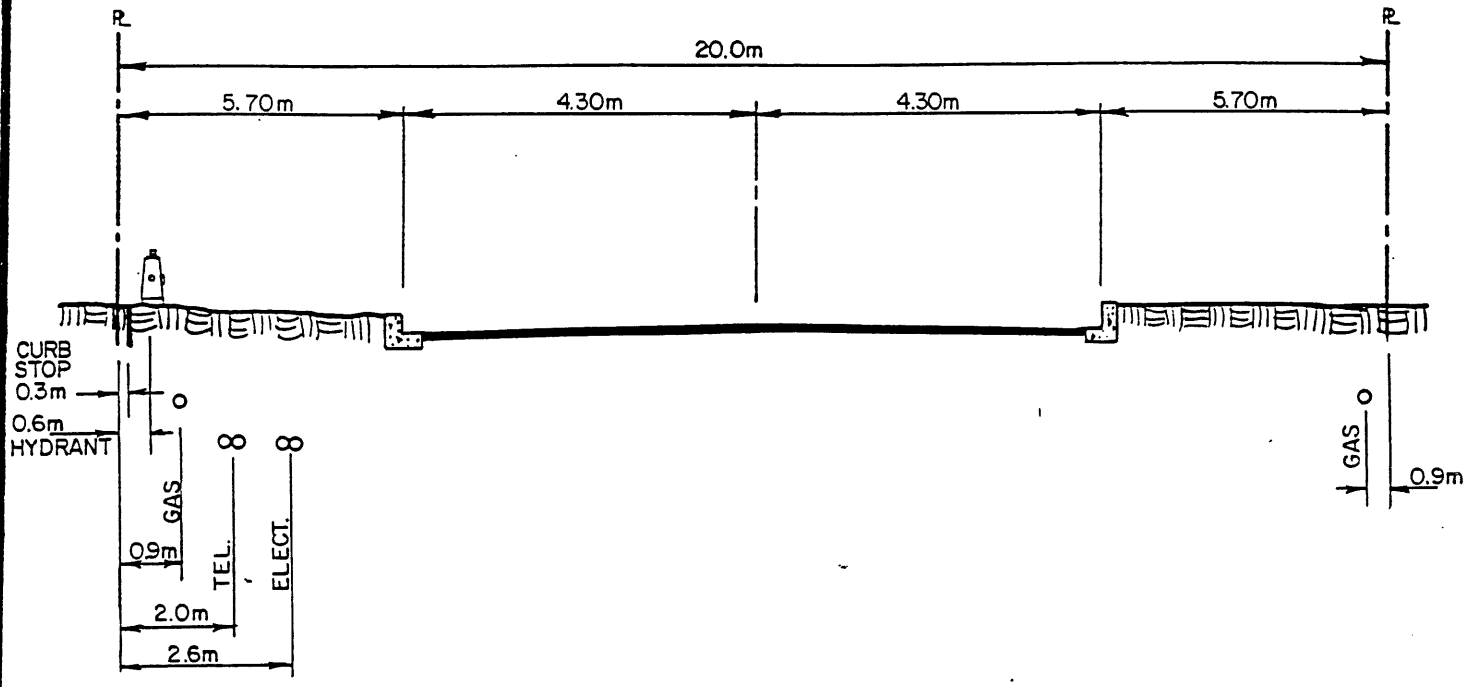
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CHK: R.R.

SCALE  
N.T.S.

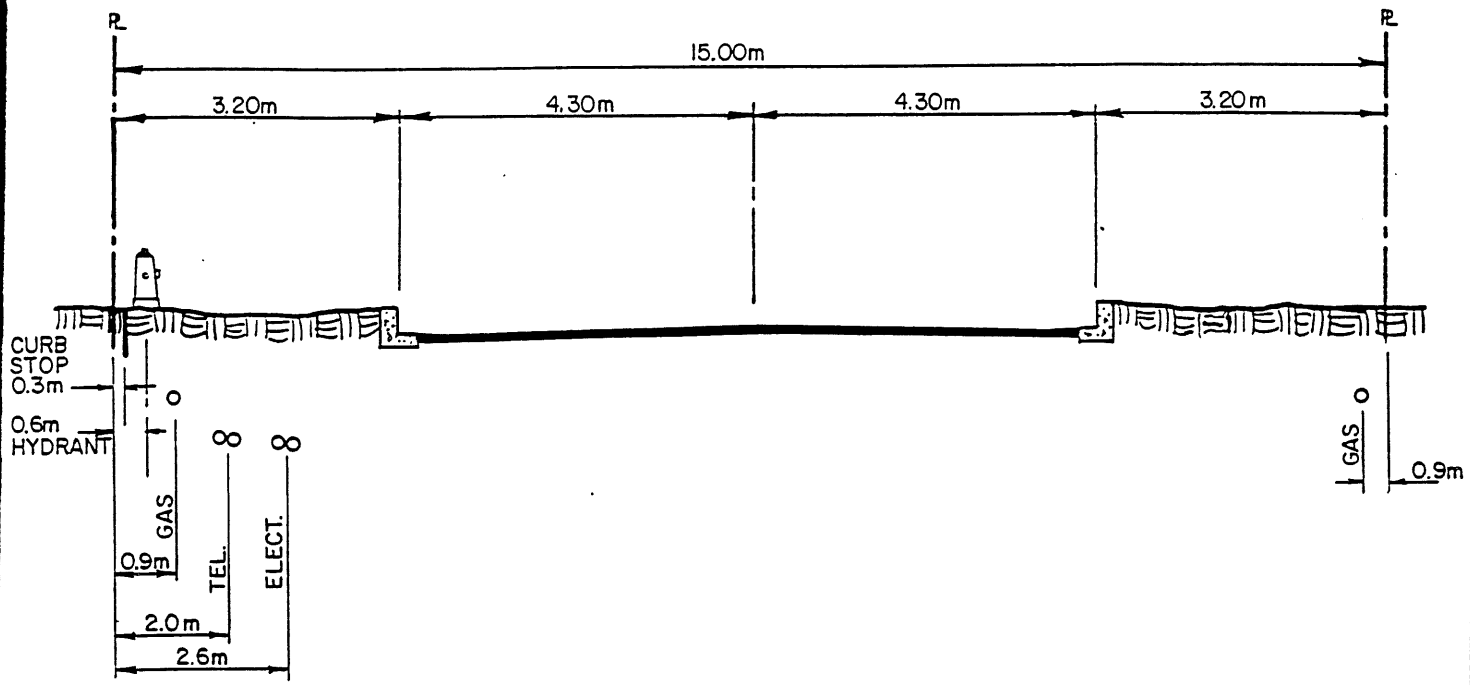
DWG. NO. RU-2



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URBAN LOCAL STREET  
 WITH CURB AND GUTTER

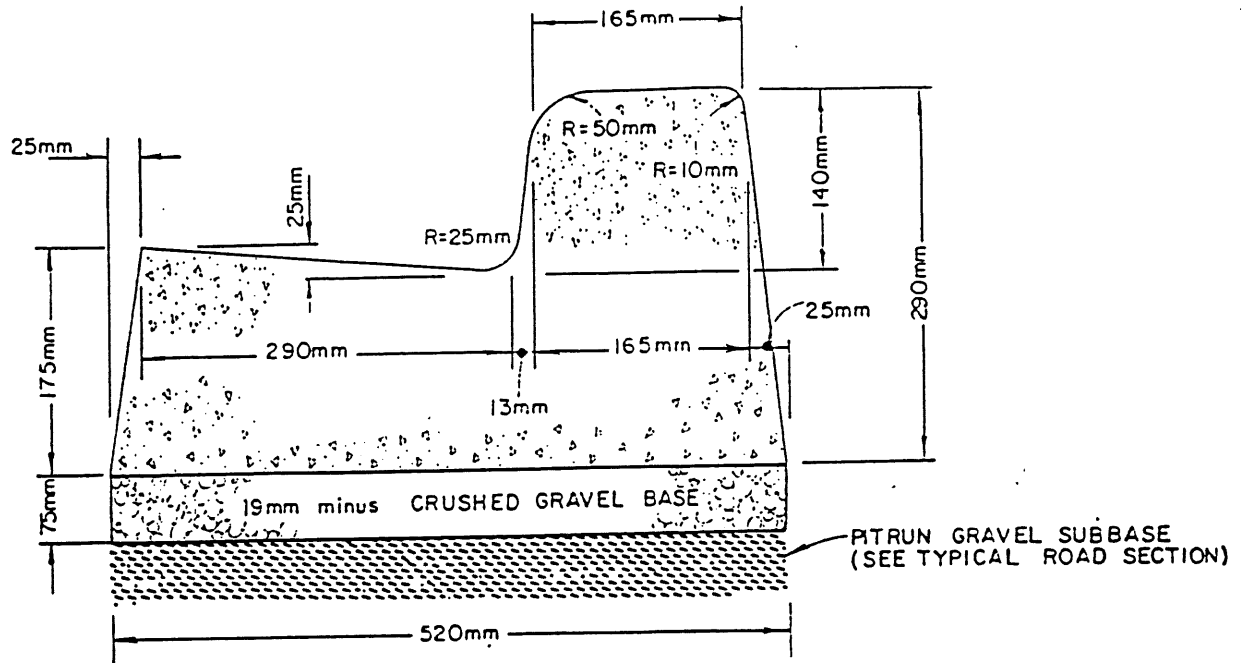
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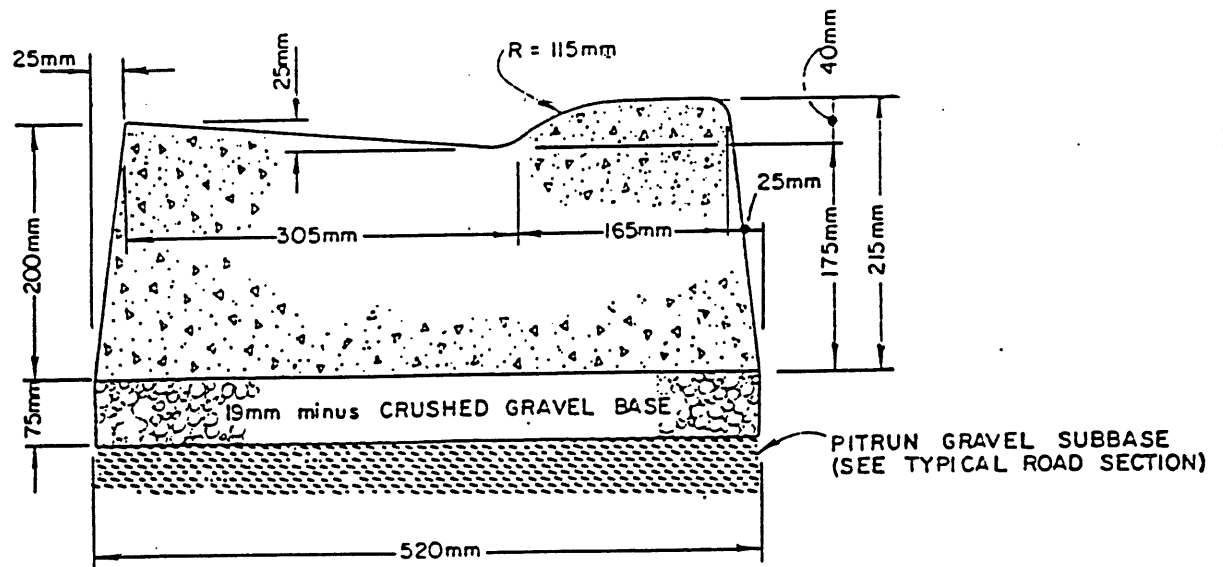
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URBAN CUL DE SAC  
 WITH CURB AND GUTTER

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CURB & GUTTER



CURB & GUTTER CROSSING

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NON-MOUNTABLE  
CURB & GUTTER

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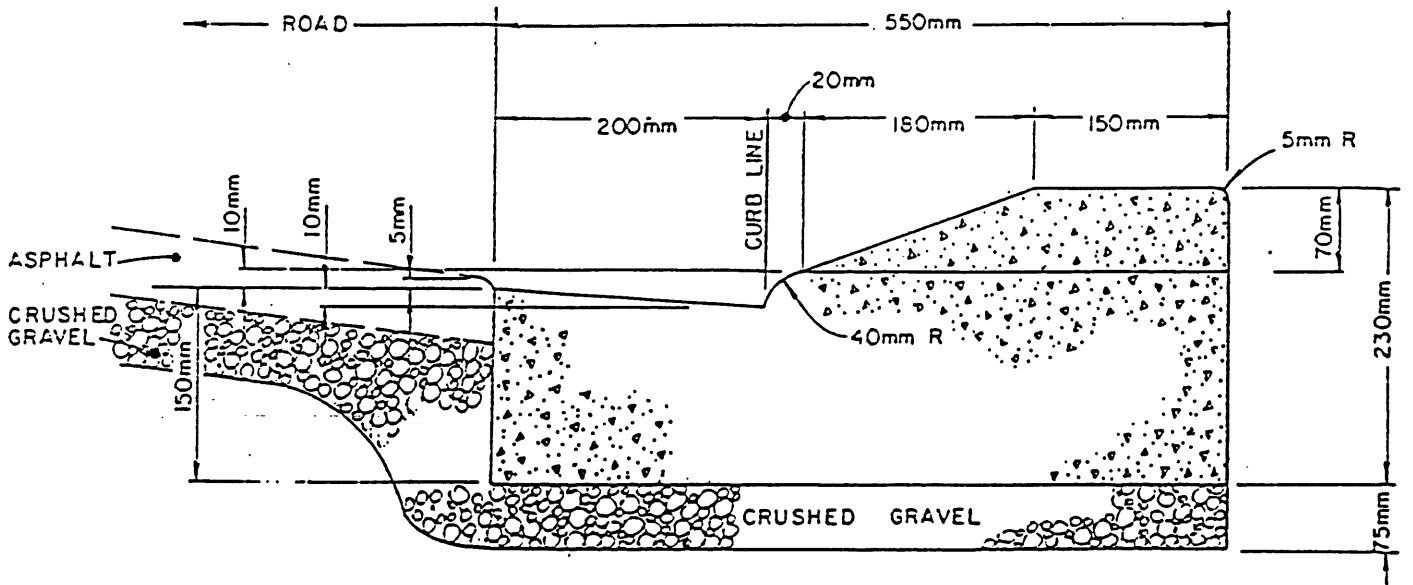
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C-1



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MOUNTABLE CURB  
AND GUTTER

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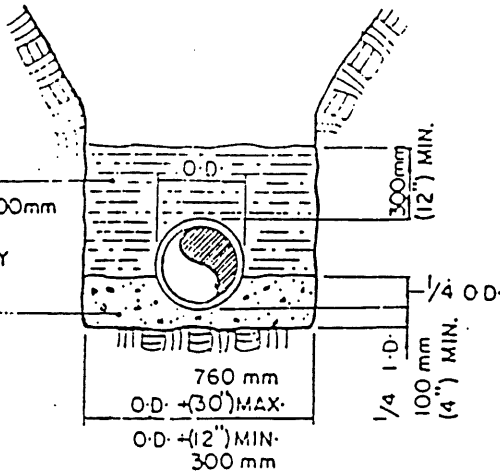
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DWG. No. C-2

### CLASS "A" BEDDING

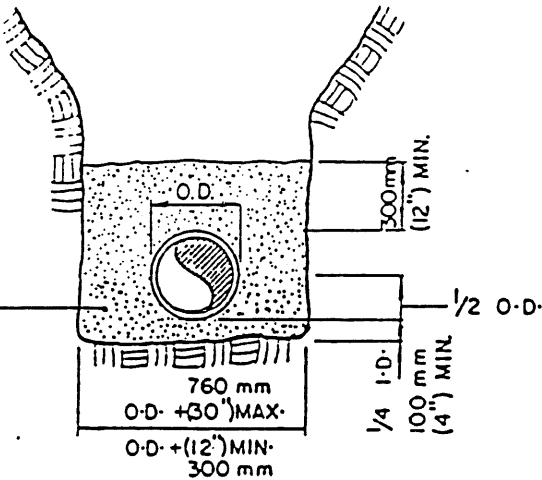
SELECT EXCAVATED OR IMPORTED GRANULAR MATERIAL, PLACED IN 100mm (4") LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY

CONCRETE - 20 MPa (3000 PSI) IN ALKALI SOILS; SULFATE RESISTANT CEMENT SHALL BE USED



### CLASS "B" BEDDING

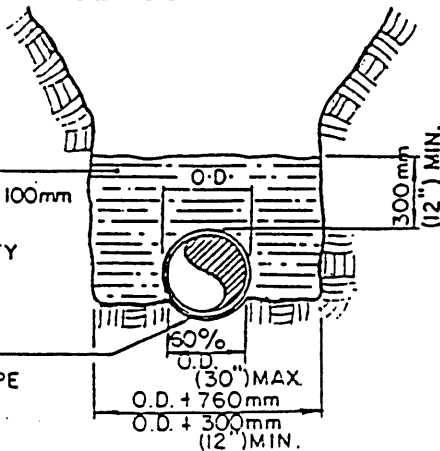
FINE GRANULAR MATERIAL PLACED IN 100mm (4") LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY



### CLASS "C" BEDDING

SELECT EXCAVATED OR IMPORTED GRANULAR MATERIAL, PLACED IN 100mm (4") LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY

BOTTOM OF TRENCH SHAPED TO ACCEPT LOWER EXTERIOR OF PIPE



Village of  
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STANDARD CLASSES OF  
PIPE BEDDING & BACKFILL  
WITHIN THE PIPE ZONE

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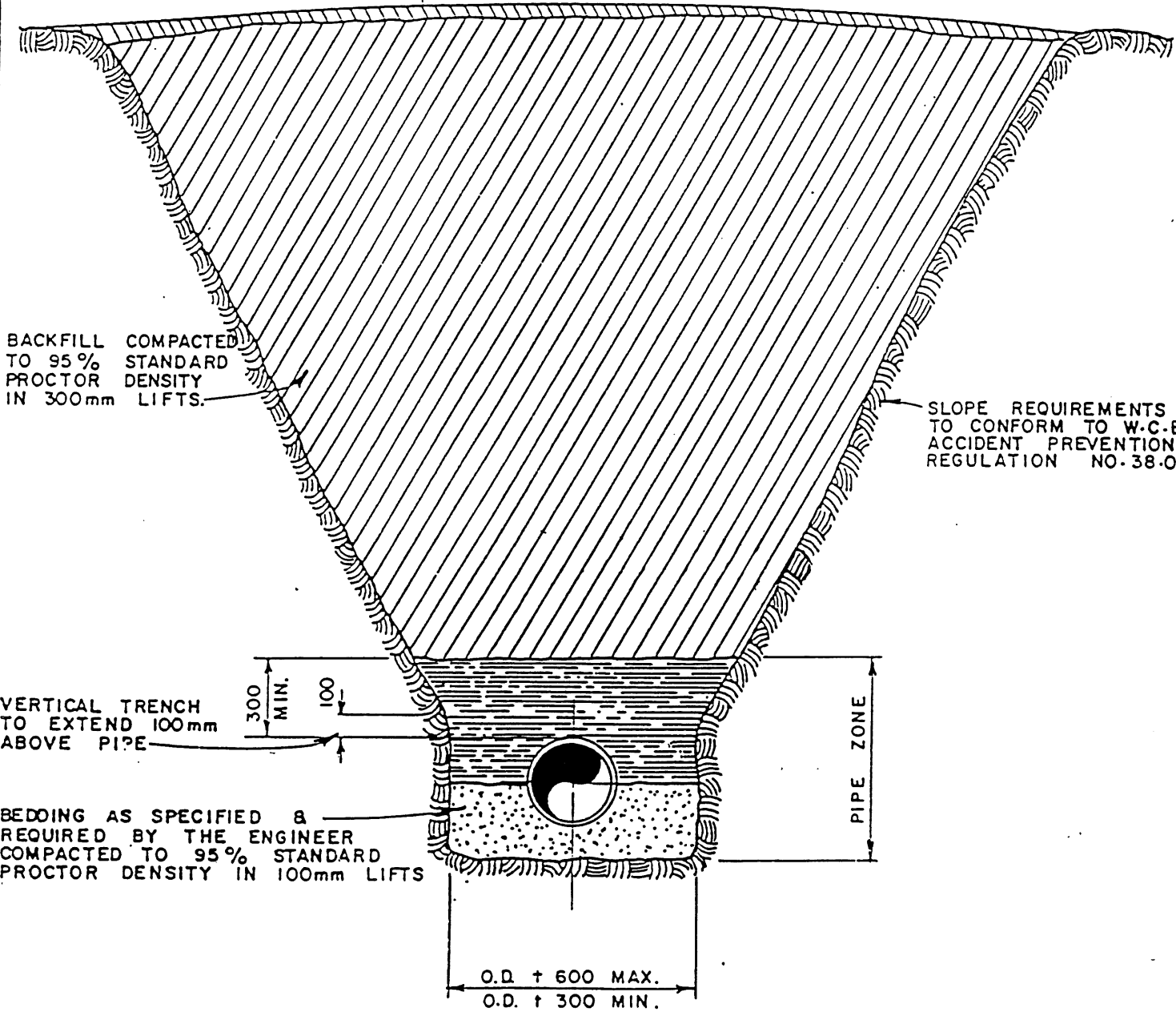
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CHK. R.R.

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DWG. No. T-1



150mm OF APPROVED 19mm CRUSHED AGGREGATE & 300mm OF 75mm PITRUN GRAVEL COMPACTED TO 100% STANDARD PROCTOR DENSITY WILL BE REQUIRED FOR THE RESTORATION OF GRAVELLED SURFACES AND 50mm OF ORGANIC TOPSOIL PLACED AND LANDSCAPED TO CONFORM TO THE ORIGINAL CONDITION OF THE DISTURBED & SURROUNDING AREA AND GRASSED FOR THE RESTORATION OF NATURAL SURFACES



BACKFILL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 300mm LIFTS.

SLOPE REQUIREMENTS TO CONFORM TO W.C.E ACCIDENT PREVENTION REGULATION NO. 38.0

VERTICAL TRENCH TO EXTEND 100mm ABOVE PIPE

BEDDING AS SPECIFIED & REQUIRED BY THE ENGINEER COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 100mm LIFTS

O.D. + 600 MAX.  
O.D. + 300 MIN.

Village of  
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TRENCH DETAIL  
SECTION THROUGH  
GRAVELLED OR NATURAL  
SURFACE

PAVEMENT REPLACEMENT TO THICKNESS OF EXISTING PAVEMENT WITH MIN. OF 75mm OF HOT MIX ASPHALT

THE EDGES OF EXISTING PAVEMENT AND TOP OF THE BASE COURSE SHALL BE COATED WITH AN APPROVED BITUMINOUS BONDING AGENT PRIOR TO PLACING OF ASPHALT

150mm OF 19mm MINUS CRUSHED ROCK COMPACTED TO 100% OF STANDARD PROCTOR DENSITY

300 mm DEPTH of PITRUN GRAVEL COMPACTED TO 100% OF STANDARD PROCTOR DENSITY

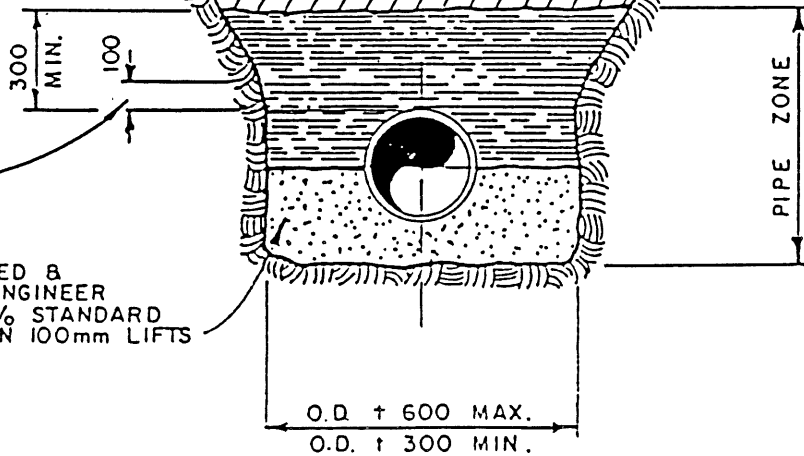
610

BACKFILL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 300mm LIFTS

SLOPE REQUIREMENTS TO CONFORM TO W.C.B ACCIDENT PREVENTION REGULATION NO. 38.06

VERTICAL TRENCH TO EXTEND 100mm ABOVE PIPE

BEDDING AS SPECIFIED & REQUIRED BY THE ENGINEER COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 100mm LIFTS



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TRENCH DETAIL  
SECTION THROUGH  
PAVEMENT SURFACE

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DWG. No. T-3

BACKFILL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 300mm LIFTS

SLOPE REQUIREMENTS TO CONFORM TO W.C.B. ACCIDENT PREVENTION REGULATION NO. 38-06

300 MIN.

100

VERTICAL TRENCH TO EXTEND 100mm ABOVE PIPE

BEDDING AS SPECIFIED & REQUIRED BY THE ENGINEER COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 100mm LIFTS

300

VARIES

DEFLECT FORCEMAIN BACK TO 300mm OFFSET FROM GRAVITY MAIN (TYPICAL)

FORCE MAIN

GRAVITY MAIN

300

MANHOLE

DEFLECT FORCEMAIN TO PROVIDE 300mm CLEARANCE FROM MANHOLE  
DEFLECTIONS NOT TO EXCEED MANUFACTURERS SPECIFICATIONS

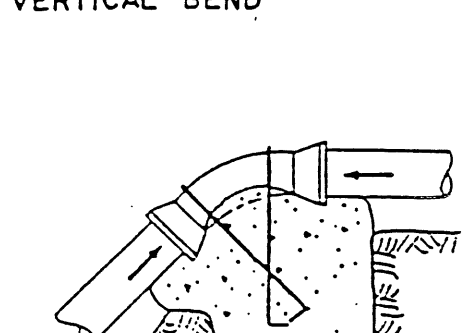
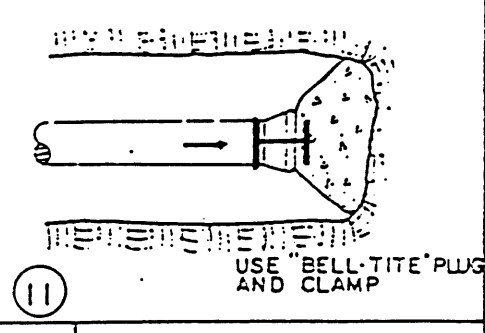
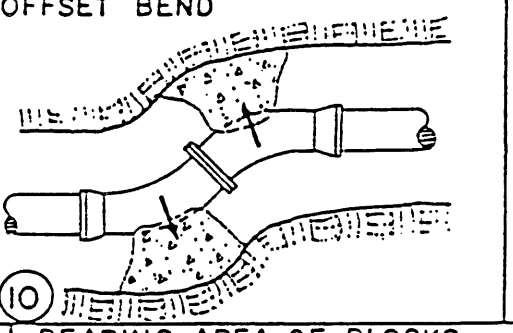
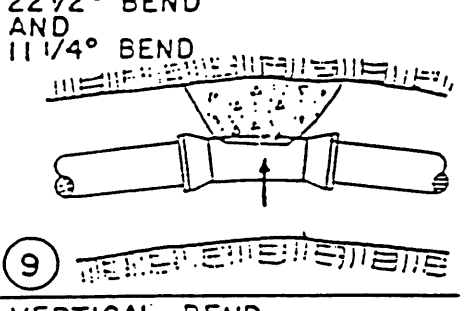
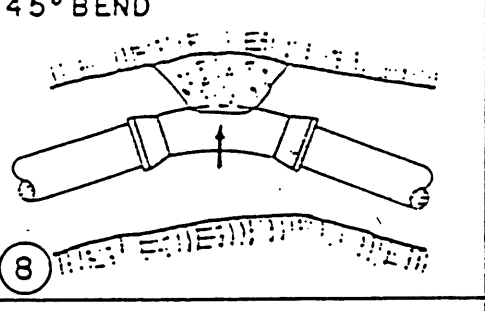
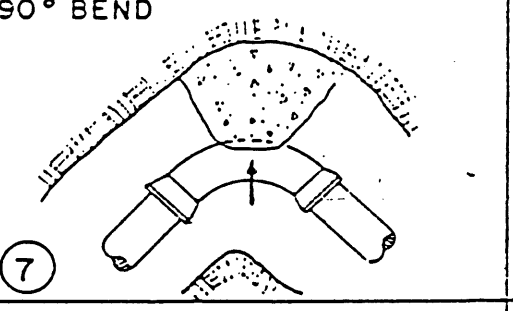
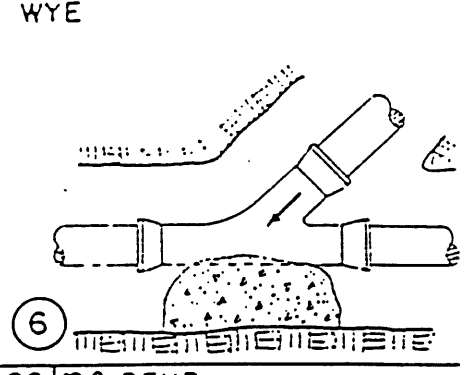
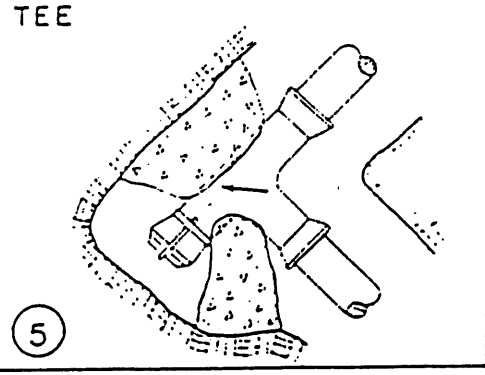
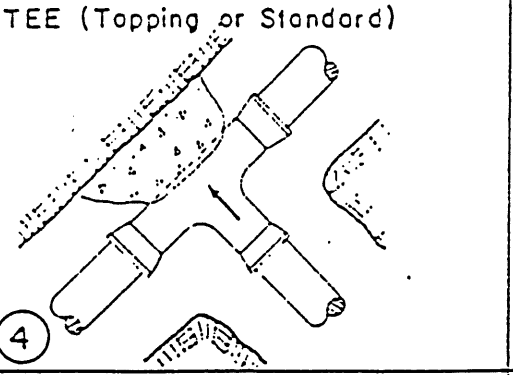
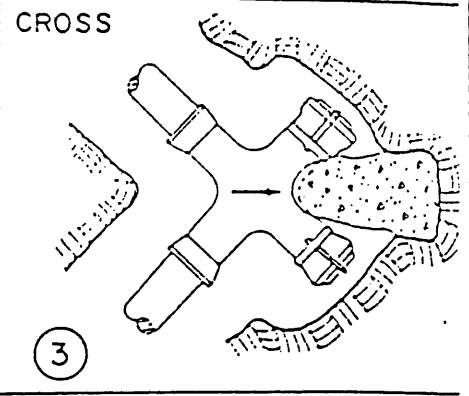
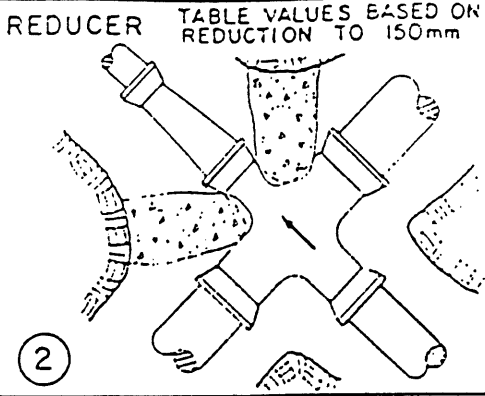
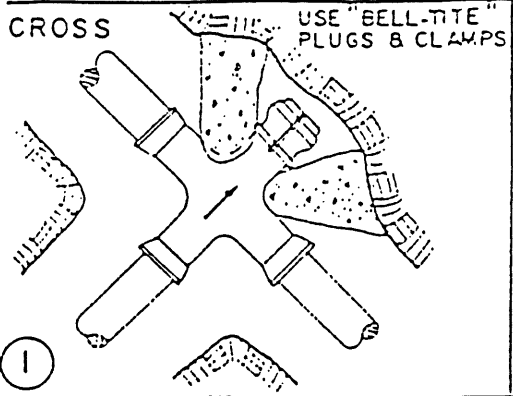
PLAN

Village of Montrose

COMMON TRENCHING  
DETAIL FOR  
SEWER FORCEMAIN &  
GRAVITY MAIN

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BEARING AREA OF BLOCKS

CONCRETE AREAS IN M<sup>2</sup>

PIPE SIZE	100	150	200	250	300	400
1, 4, 11	0.2	0.4	0.7	1.0	1.45	1.9
3, 5, 7	0.3	0.55	0.9	1.45	2.05	2.7
2			0.25	0.5	0.75	1.65
6, 8	0.15	0.3	0.5	0.6	1.2	1.45
9	0.1	0.15	0.3	0.45	0.6	0.75
10	0.3	0.6	1.0	1.2	2.2	2.9

DESIGN ASSUMPTION

HYDRAULIC HEAD = 1.38 MPa.

SOIL BEARING VALUE = 0.096 MPa.

(MEDIUM SOFT CLAY)

FOR VERTICAL REACTION BLOCK SIZE SEE 3.11 WATER SYSTEM, SCHEDULE C of SUBDIVISION and DEVELOPMENT SERVICES BYLAW.

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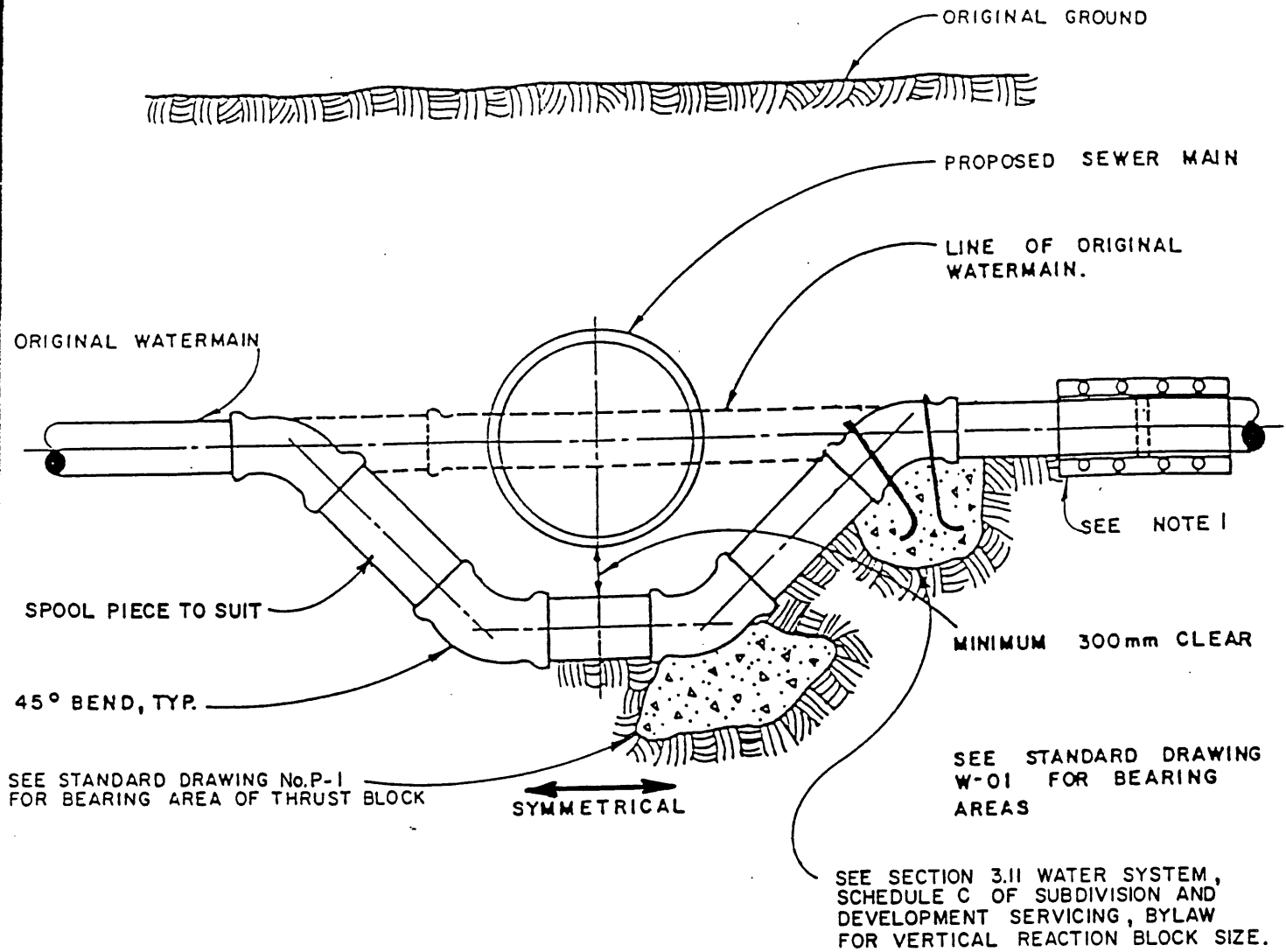
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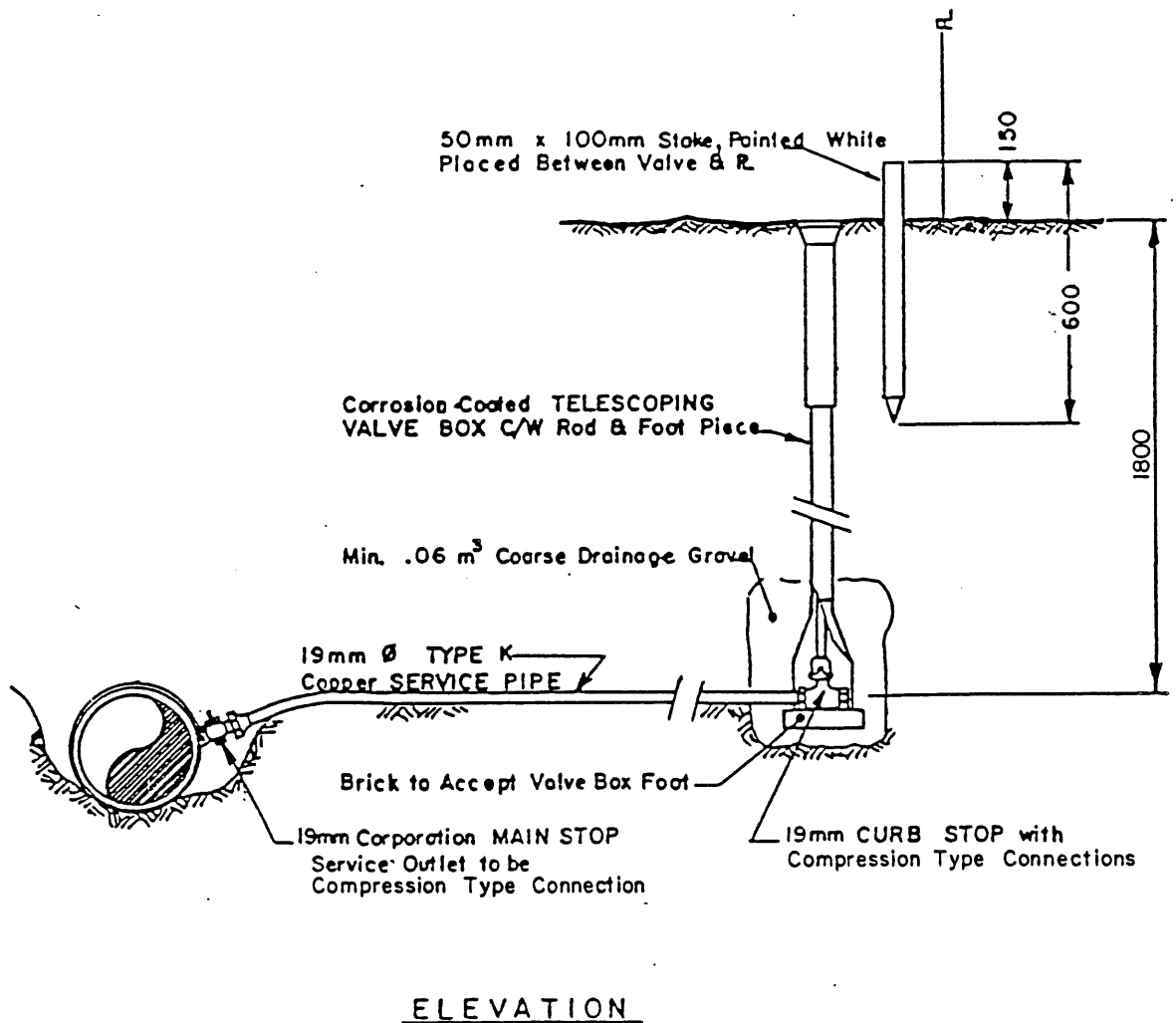
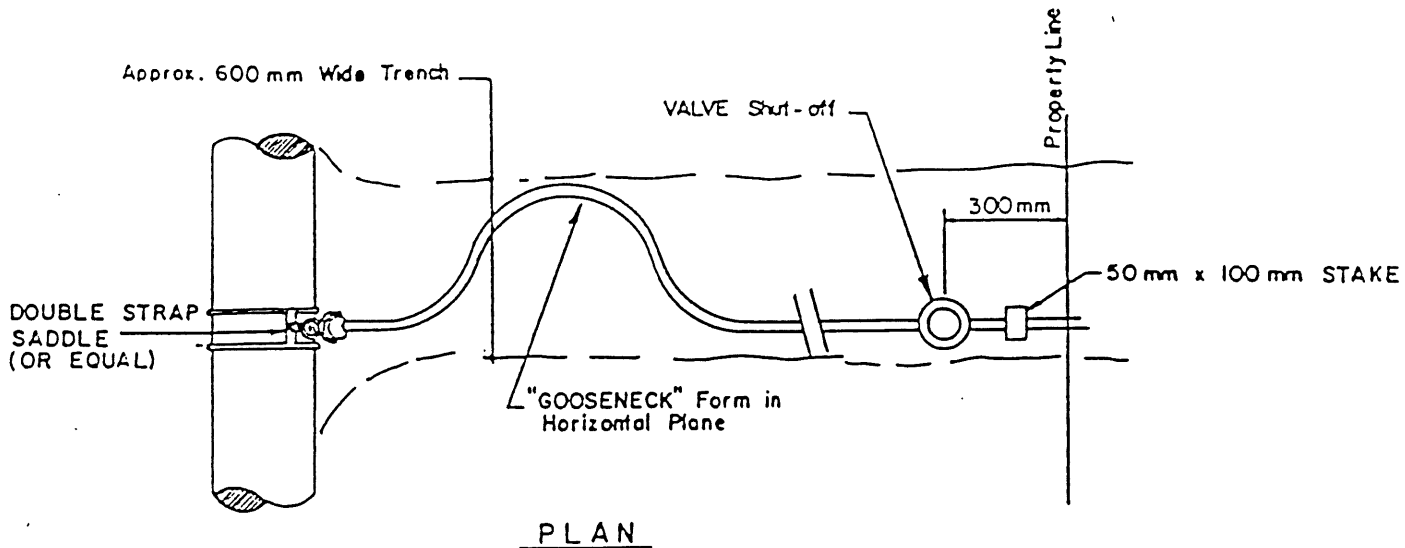
PRESSURE MAIN THRUST BLOCKS



NOTES :

1. APPROVED STAINLESS STEEL REPAIR CLAMPS MAY BE USED TO FACILITATE CONNECTION TO EXISTING WATERMAINS.
2. CONNECTIONS SHALL BE LEFT EXPOSED UNTIL WATERMAIN JOINTS ARE PROVEN DRIP - TIGHT.

<p>Village of <i>Montrose</i></p>		<p>— STANDARD — WATERMAIN REALIGNMENT</p>				
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Village of  
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TYPICAL 19mm WATER SERVICE CONNECTION

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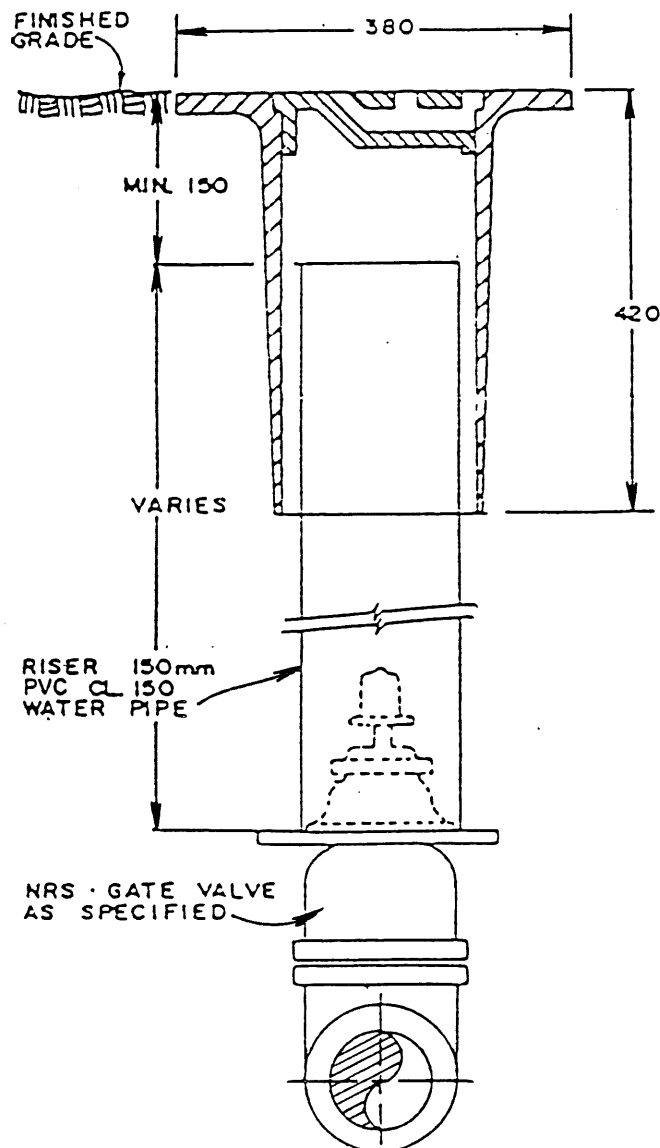
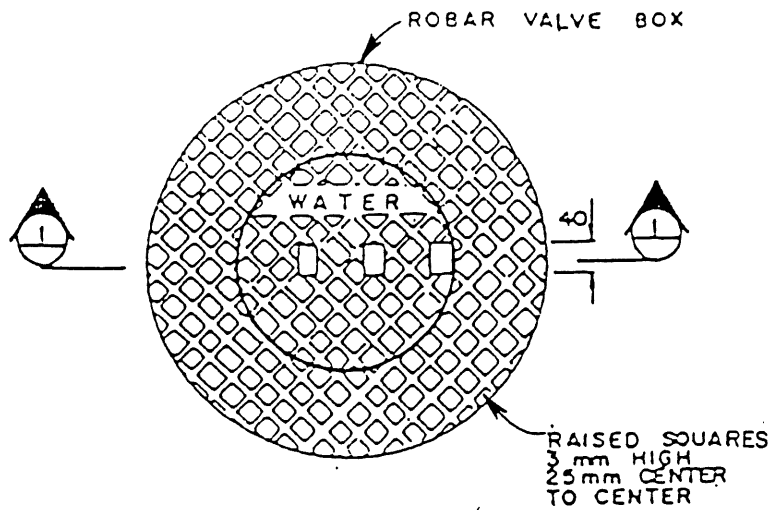
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CHK

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P-4



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ROBAR VALVE  
BOX & RISER

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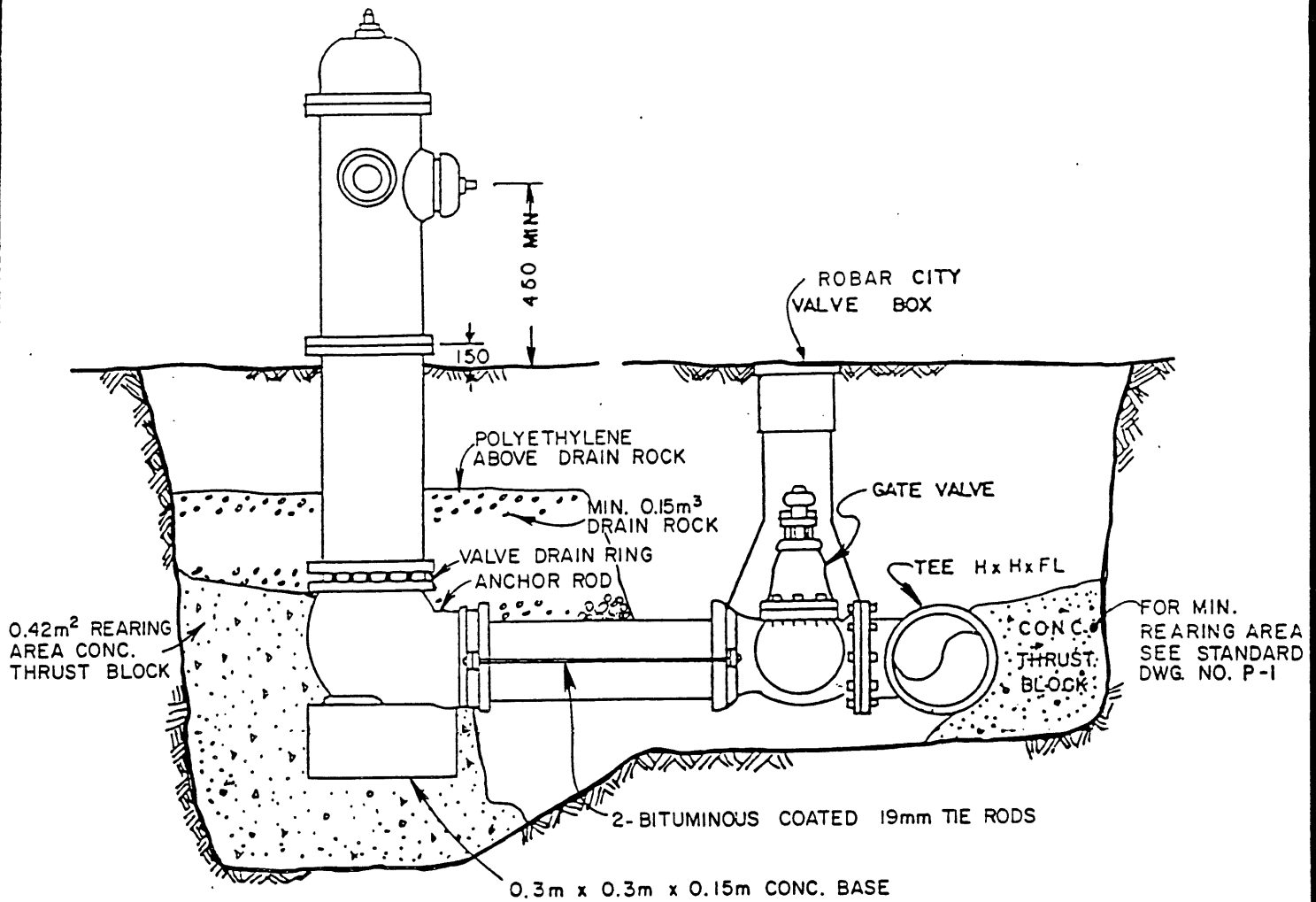
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P-5

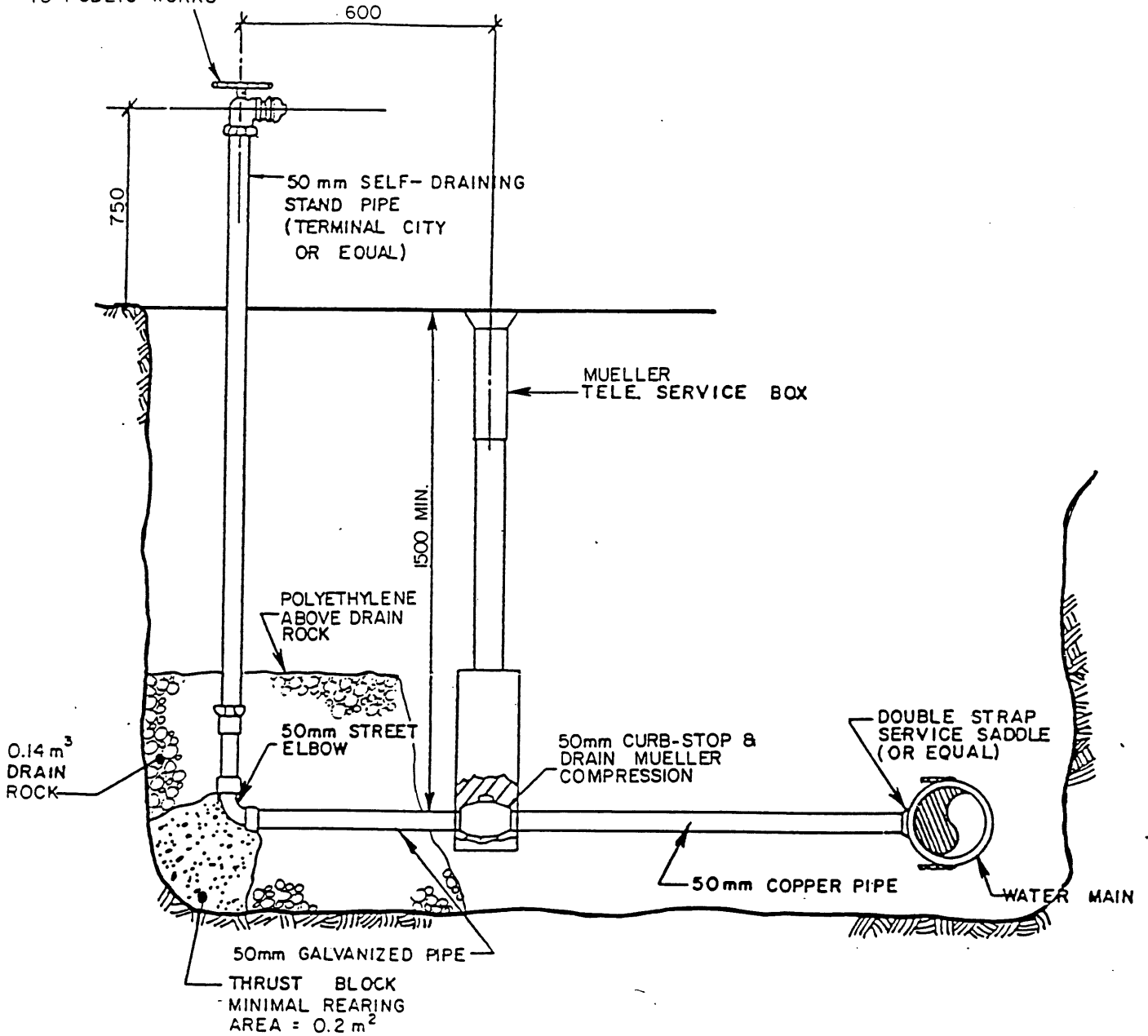




- ① FIRE HYDRANTS SHALL BE COMPRESSION TYPE and EACH SHALL BE PROVIDED WITH:
  - 1-100mm PUMPER PORT:- N.F.P.A. Specs 100mm I.D., 130mm O.D., American National Fire Hose Coupling Threads.
  - 2 - 64 mm OUTLETS: — B.C. Standard Threads.
  
- ② HYDRANT to be INSTALLED with the PUMPER PORT FACING THE STREET with the PORT NO LESS THAN 450mm ABOVE GRADE. AND THE BOTTOM FLANGE 150mm ABOVE THE FINISHED GRADE OF THE SURROUNDING AREA.
  
- ③ BITUMINOUS COATED TIE RODS, LUGGED FITTINGS AND CONCRETE THRUST SUPPORT ARE REQUIRED.

<i>Village of Montrose</i>		<b>FIRE HYDRANT ASSEMBLY</b>
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HANDLE TO BE  
TURNED OVER  
TO PUBLIC WORKS



Village of  
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TYPICAL  
SELF-DRAIN STANDPIPE

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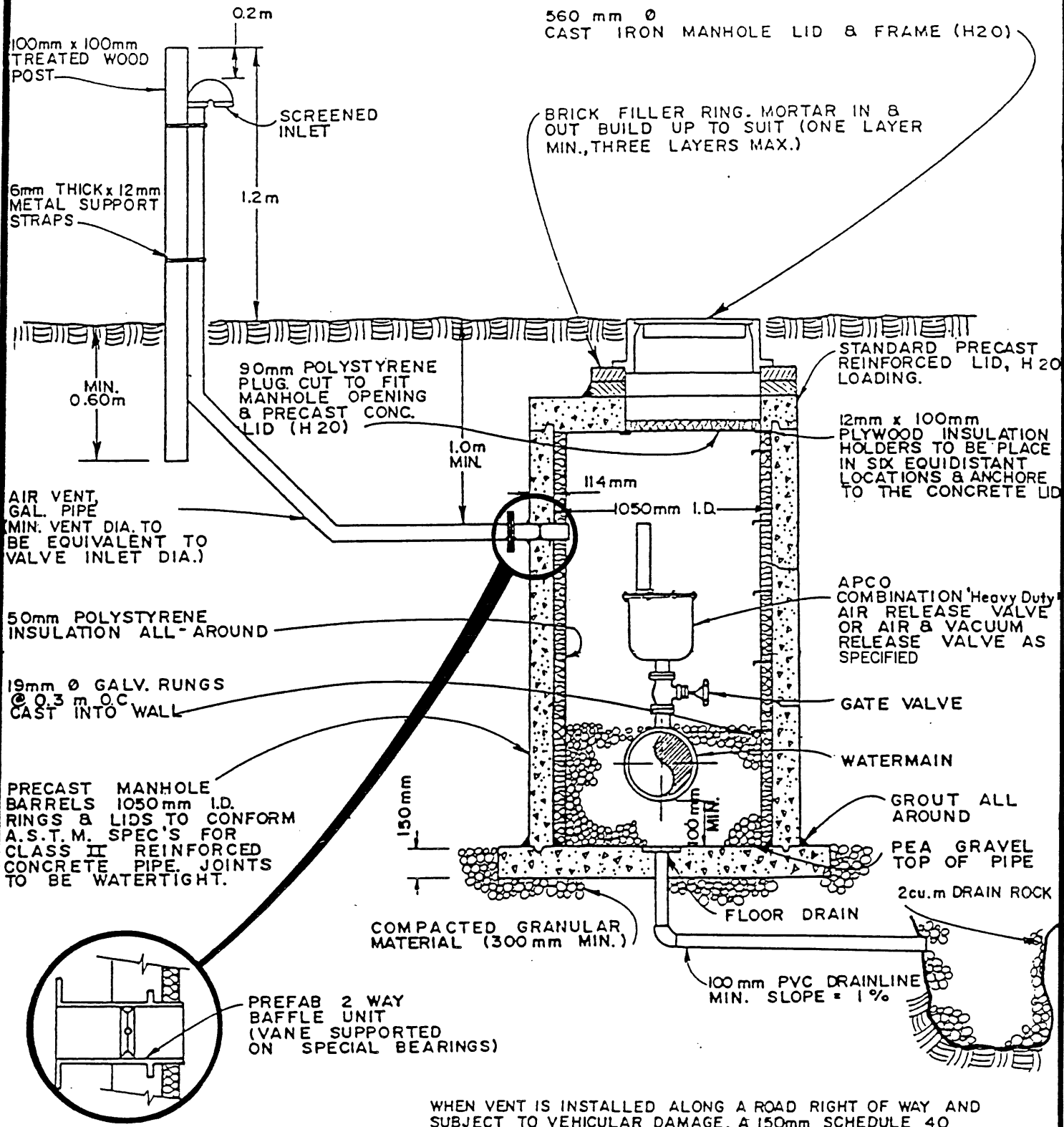
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N.T.S.

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WHEN VENT IS INSTALLED ALONG A ROAD RIGHT OF WAY AND SUBJECT TO VEHICULAR DAMAGE, A 150mm SCHEDULE 40 STEEL PIPE FILLED WITH CONCRETE, IS TO BE PLACED 300mm IN FRONT OF THE VENT AND ANCHORED IN 0.15m<sup>3</sup> OF CONCRETE. THE PIPE SHOULD PROJECT 1.2m ABOVE THE GROUND AND IS TO BE PAINTED YELLOW.

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COMBINATION  
AIR RELEASE VALVE  
OR  
AIR & VACUUM RELEASE VALVE

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FRAME & COVER, SUITABLE FOR H<sub>2</sub>O LOADING  
 DOBNEY FOUNDRY C20 OR APPROVED EQUAL  
 EMBOSS LID WITH 'SANITARY SEWER'

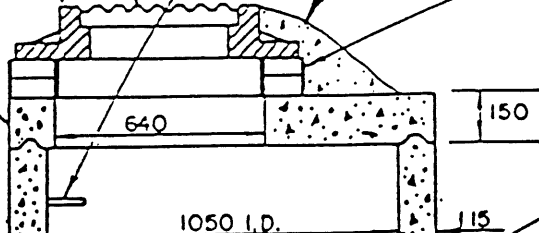
TOP OF COVER TO FIRST  
 STEP SHALL NOT EXCEED  
 760mm

MANHOLE FRAME & COVER  
 TILTED TO MATCH GRADE  
 & CROWN OF ROAD.

CONCRETE FRAME TO PRECAST  
 LID ON ALL MANHOLES NOT WITHIN  
 ASPHALT ROAD SURFACE.

PRECAST GRADE RING(S) AND/OR  
 BRICK & MORTAR  
 2 COURSES BRICK MIN.,  
 4 COURSES MAX.

STANDARD PRECAST  
 REINFORCED LID TO SUIT  
 H<sub>2</sub>O LOAD (MASS 360 Kg.)



30 mm MORTAR ALL SEAMS

BREAK OUT PIPE 40 mm  
 INSIDE MANHOLE BARREL

INSTALL COUPLING 1.0 m  
 OUTSIDE BARREL.

STANDARD PRECAST  
 REINFORCED CONCRETE  
 BARREL SECTIONS  
 (150mm x 150mm MESH)  
 ASTM C76-65T

19 mm Ø GALV. RUNGS  
 AT 300 mm O.C. CAST  
 IN WALL OF SECTION.

CONCRETE BENCHING  
 WITH SMOOTH CEMENT  
 MORTAR FINISH. SLOPE  
 SURFACE TO PIPE AT  
 8%; STEEL TROWEL  
 FINISH.

MANHOLE BARRELS & PIPES  
 SHALL BE SET IN &  
 COMPLETELY SURROUNDED  
 WITH CONCRETE TO FORM  
 A WATER TIGHT SEAL.  
 CONCRETE TO BE MINIMUM  
 20 Mpa AT 28 DAYS.

MINIMUM 200 mm COMPACTED  
 PIT RUN GRAVEL WHERE REQ'D.  
 BY ENGINEER.

WHERE POSSIBLE USE  
 HALF SECTIONS OR CUT  
 OUT TOP HALF OF PIPE

UNDISTURBED SOIL.

NOTE: MANHOLE TO BE WATER TIGHT.

Village of  
 Montrose

TYPICAL MANHOLE  
 FOR 200 - 460mm DIAMETER  
 MAINS

DATE DRAWN: MARCH, 1992

NO. DATE

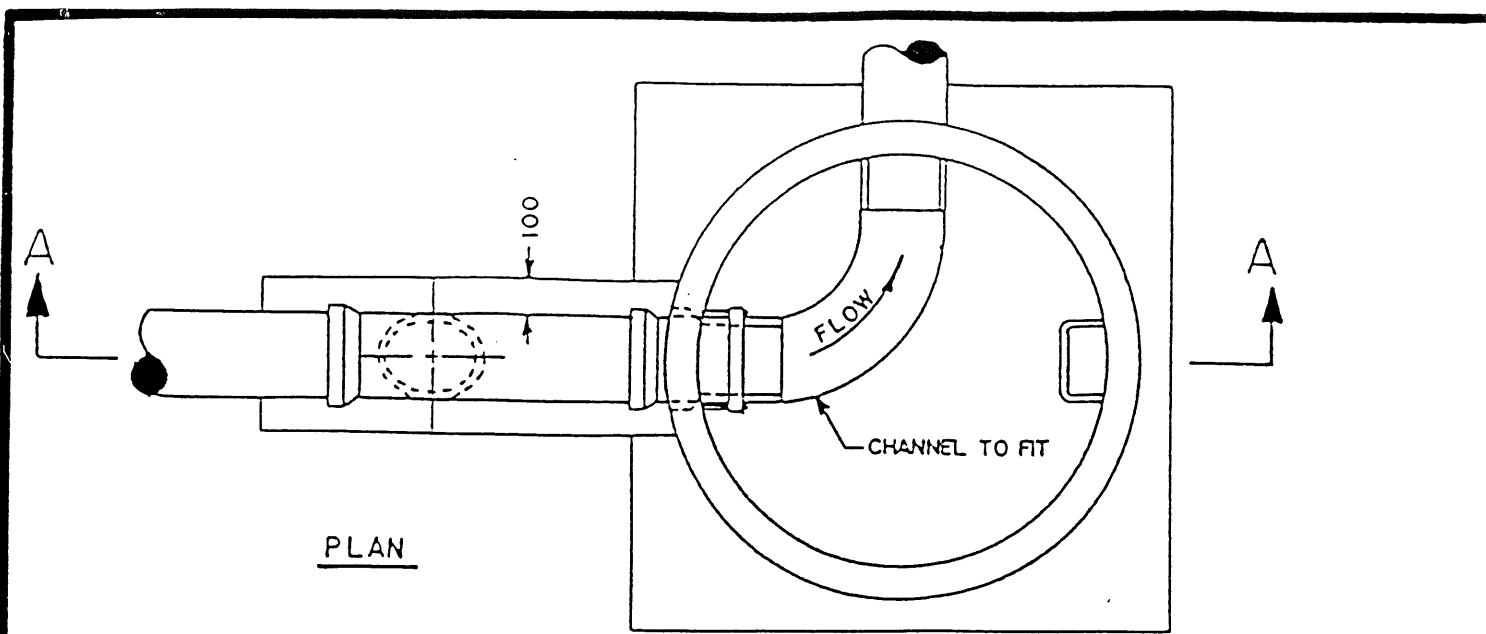
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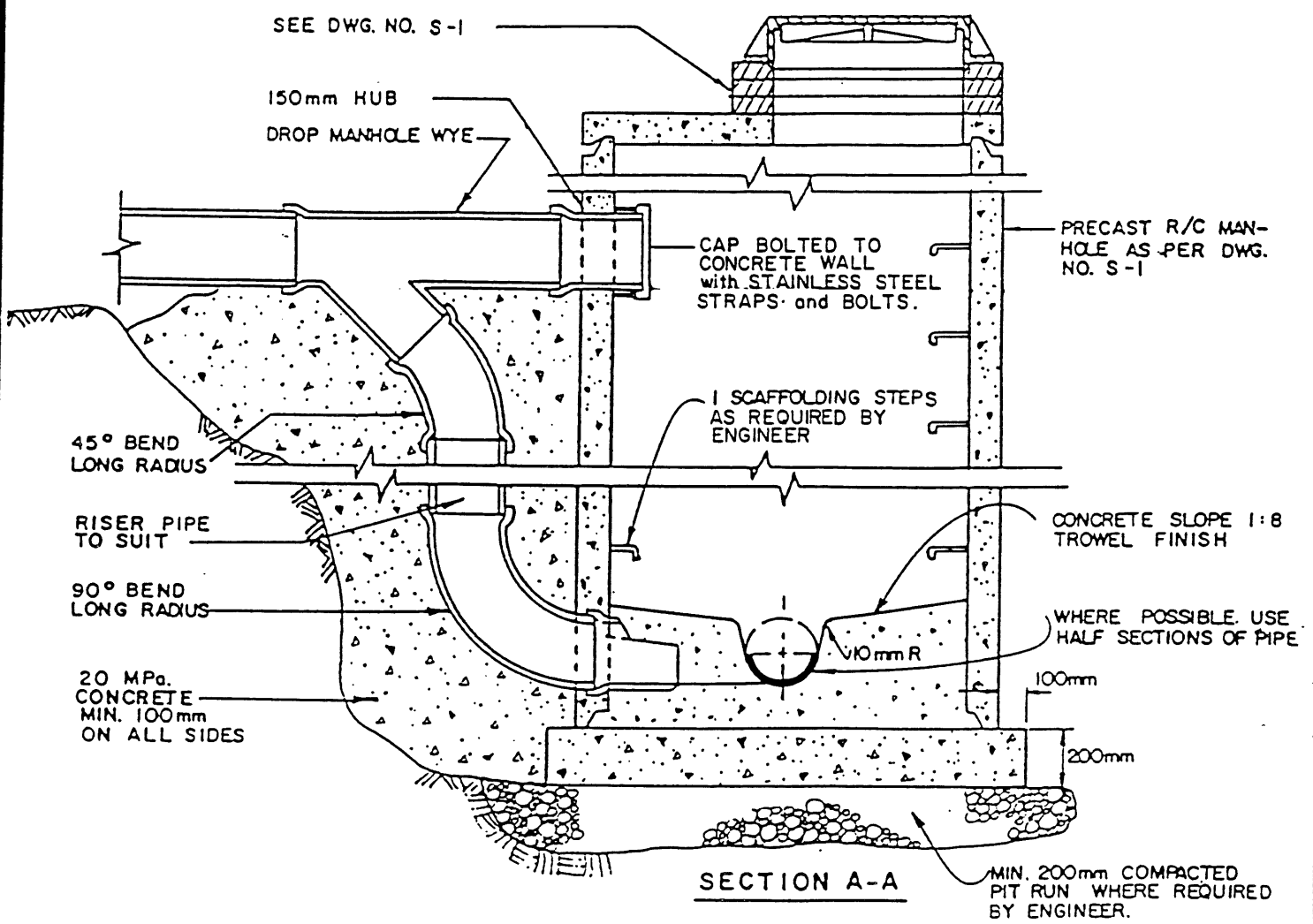
DRWN. D.H.  
 CHK. R.R.

SCALE: N.T.S.

DWG. No. S-1



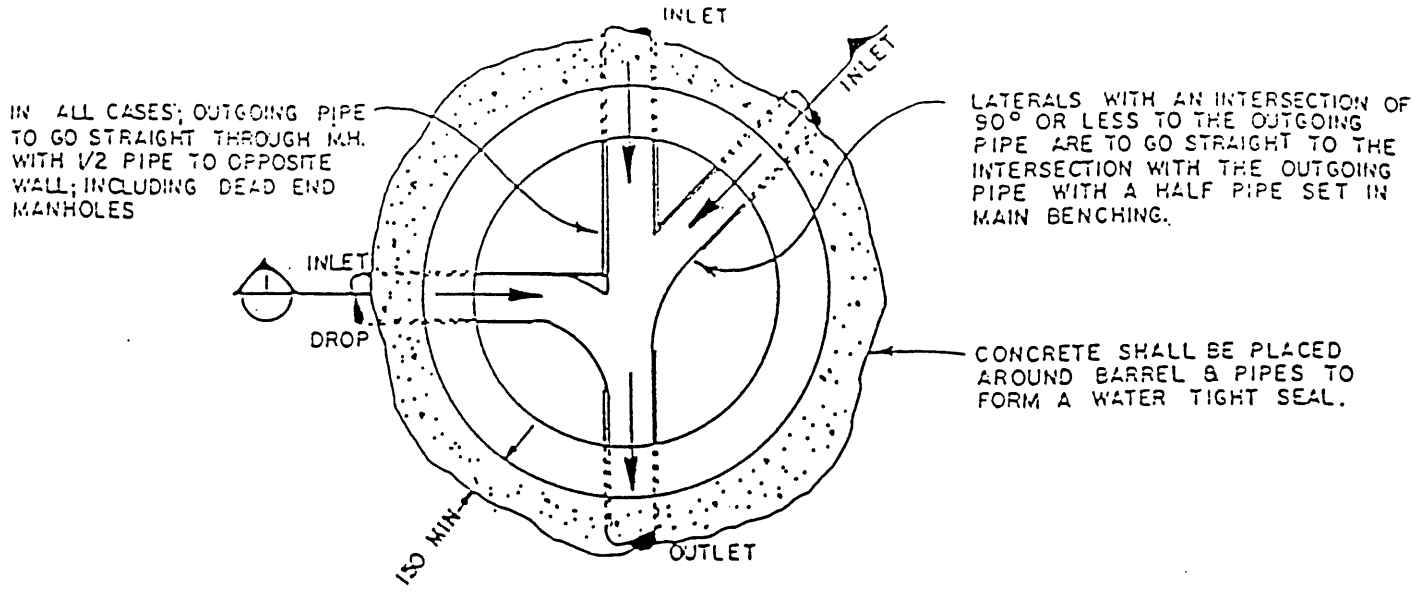
PLAN



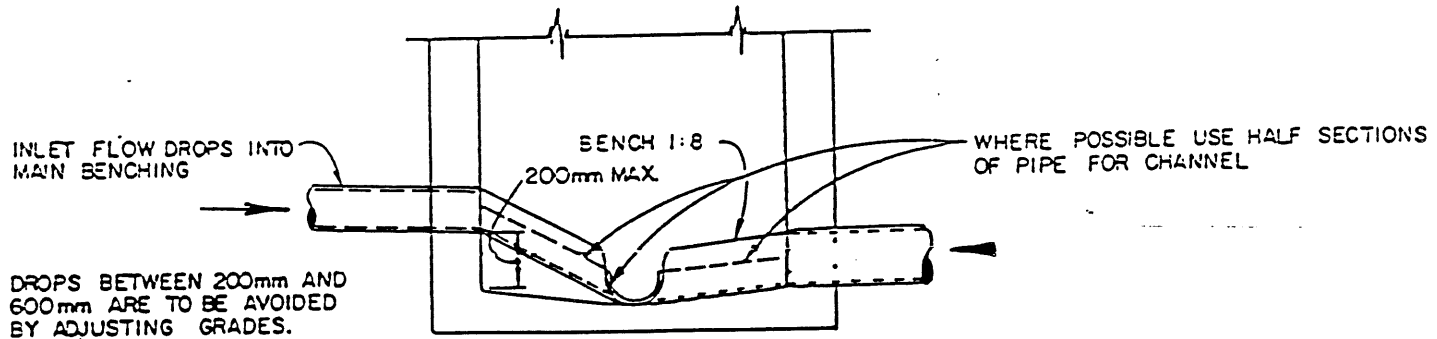
SECTION A-A

Village of  
*Montrose*

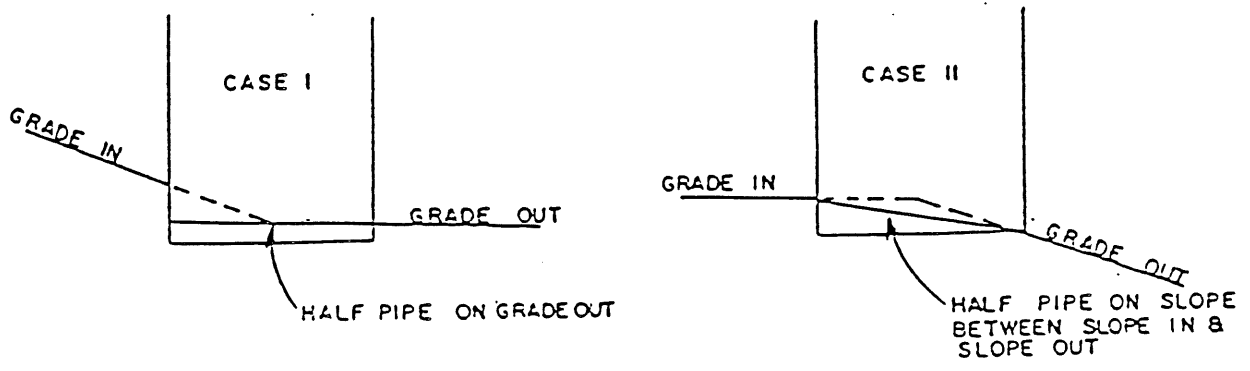

EXTERIOR  
DROP MANHOLE



PLAN OF MANHOLE

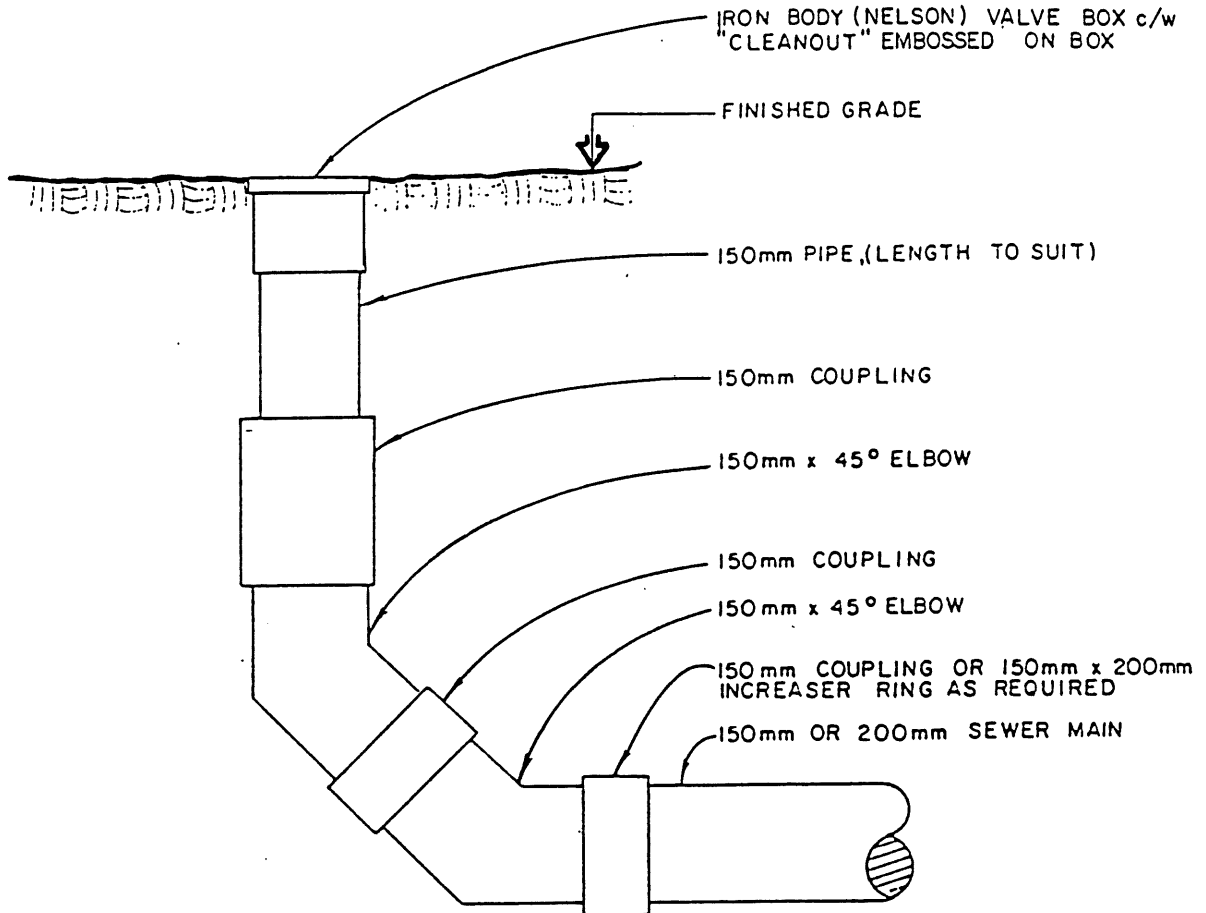


SECTION THROUGH MANHOLE 1



Village of  
*Montrose*


MANHOLE BENCHING  
&  
CHANNELLING



NOTE :

ALL PIPE MATERIALS SHALL BE P.V.C.

Village of  
*Montrose*

SEWER CLEANOUT  
FOR 150mm & 200mm SANITARY  
SEWER TERMINALS

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NO. DATE

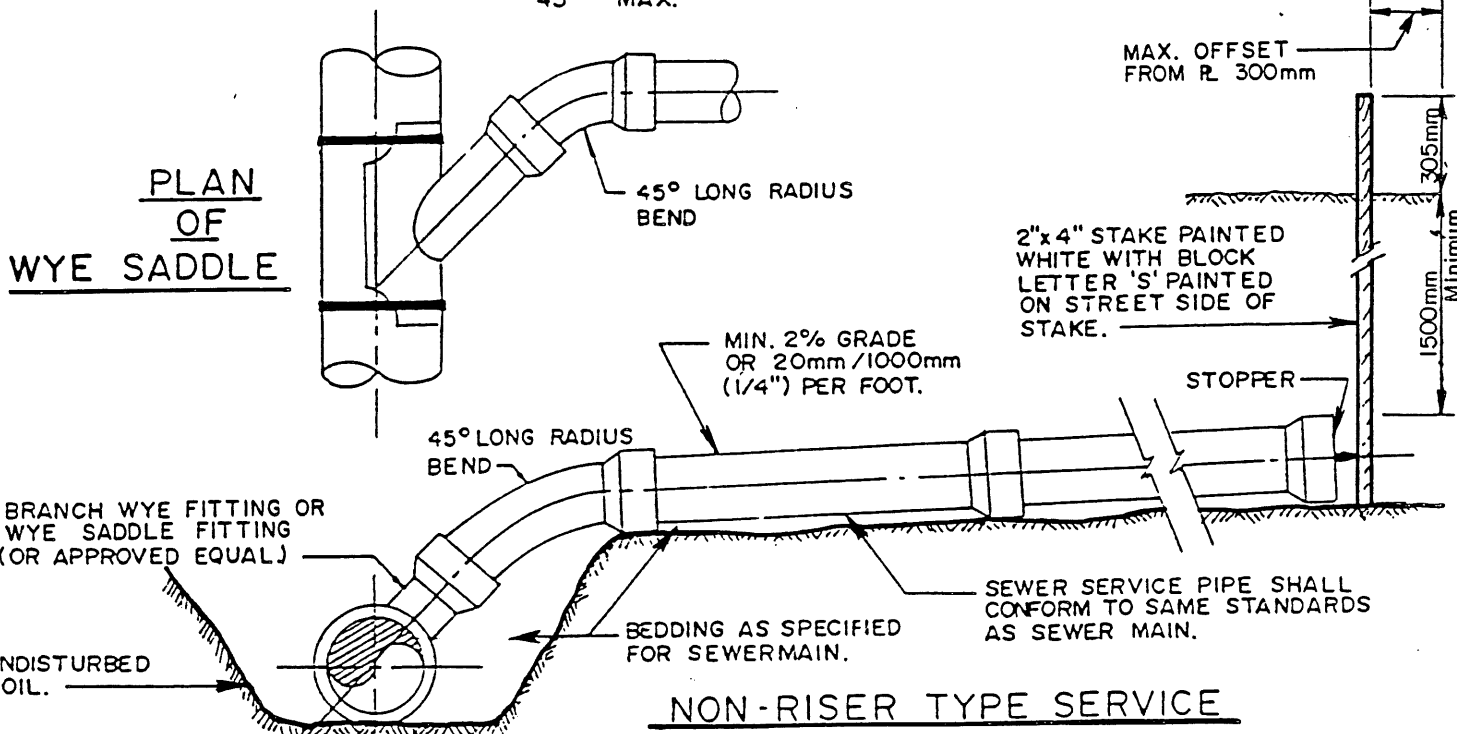
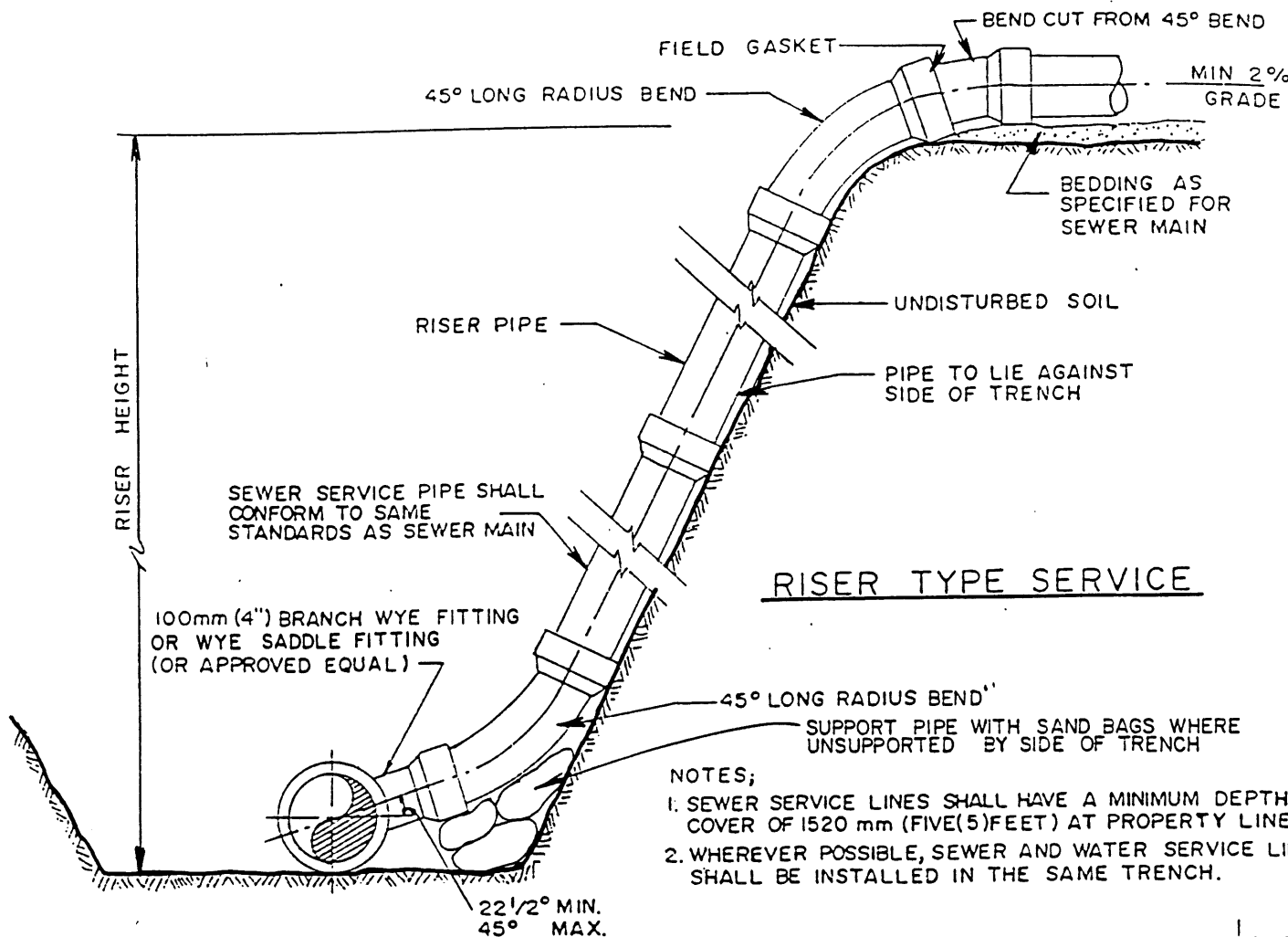
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CHK. R.R.

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DWG. No. S-4



Village of  
*Montrose*

TYPICAL SEWER  
 SERVICE CONNECTIONS

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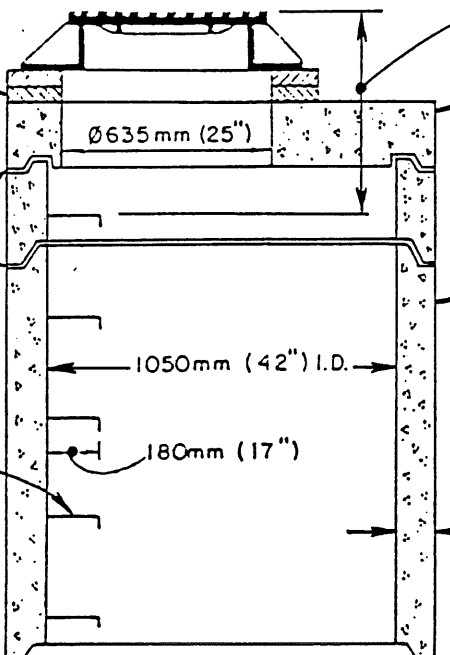
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DWG. No. S-5



PRECAST GRADE RING(S)  
AND/OR BRICK AND MORTAR  
2 COURSES BRICK MIN.,  
5 COURSES MAX.

TOP COVER TO FIRST STEP NOT  
TO EXCEED 600mm (2 FEET)



PRECAST REINFORCED CONCRETE  
LID TO SUIT H<sub>2</sub>O LOADING

ALL JOINTS MORTARED  
TROWEL FINISH

PRECAST Ø1050mm (42") REINFORCE  
CONCRETE M.H. SECTIONS  
ASTM C 76-65T AVAILABLE IN  
.3m (1"), .6m (2"), .9m (3") AND  
1.2m (4") NOMINAL LENGTHS

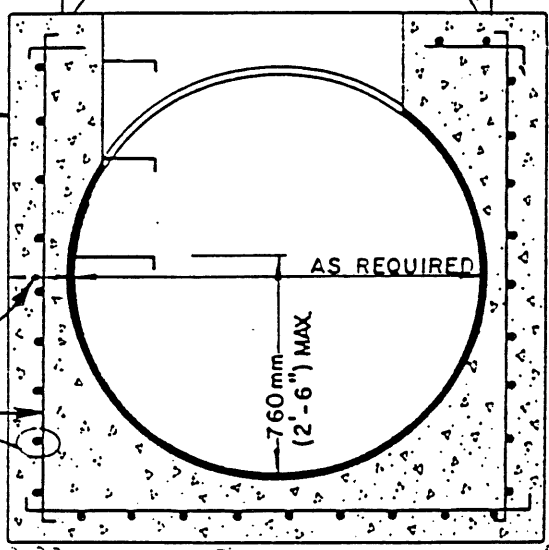
20mm (3/4") Ø HOT DIP GALV.  
SAFETY LADDER RUNGS  
300mm (12") O.C. FULL  
DEPTH OF M.H.

1050mm (42") I.D.

180mm (17")

114mm (4 1/2")

17 MPa. (2500 PSI)  
CONCRETE IN PLACE



200mm (8")  
TYPICAL ALL AROUND

AS REQUIRED

#4 AT 300mm (12") O.C.

760mm  
(2'-6") MAX

MIN. 200mm (8") DEPTH OF  
COMPACTED 25mm (1") GRAVEL  
AS DIRECTED BY ENGINEER  
IN FIELD

NOTES:

1. FOR SEWERS LARGER THAN Ø380mm (15")
2. MANHOLE TO BE WATER TIGHT.

AS REQUIRED

Village of  
*Montrose*

MANHOLE FOR  
LARGE DIAMETER  
SEWERS

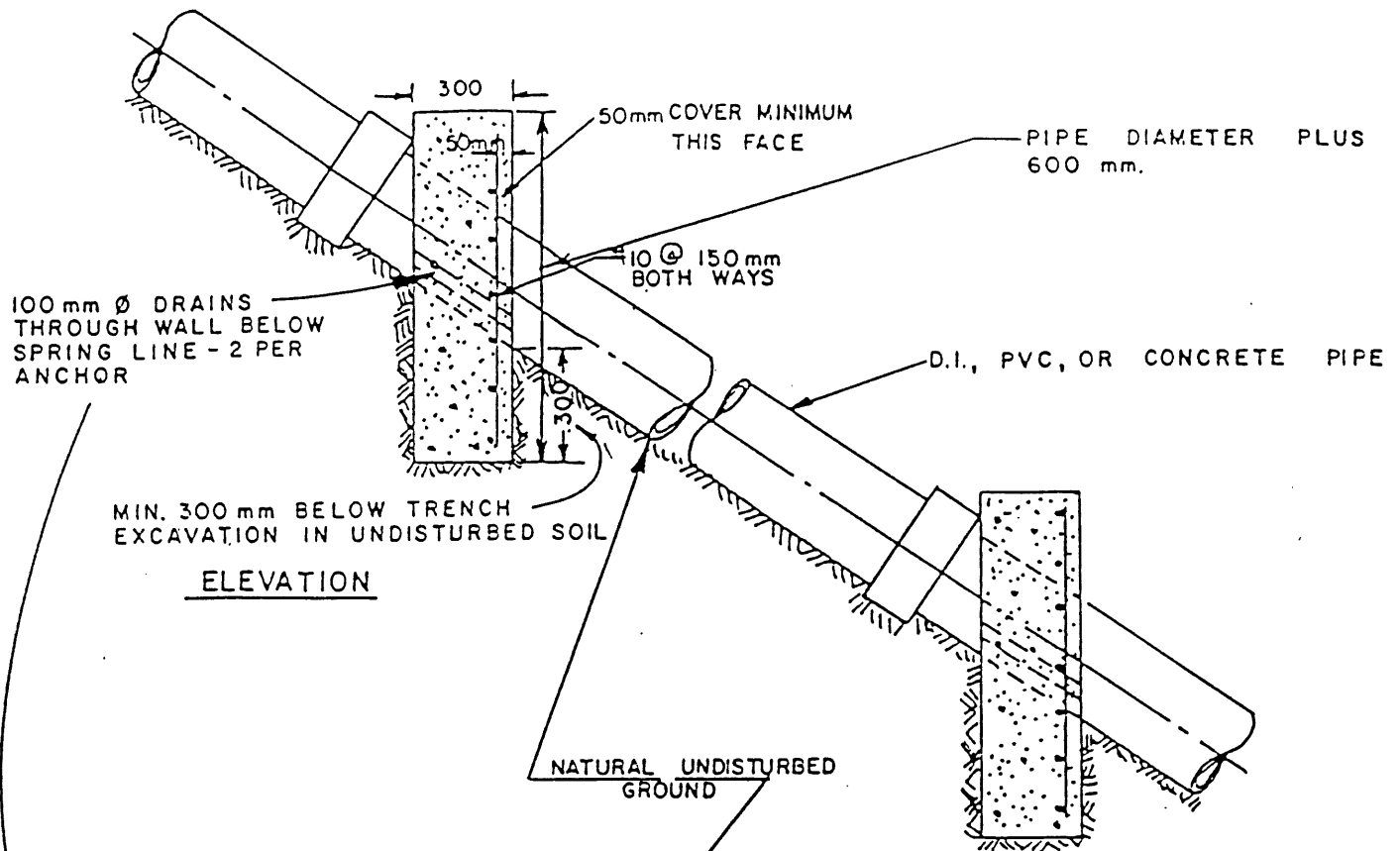
DATE DRAWN: MARCH, 1992

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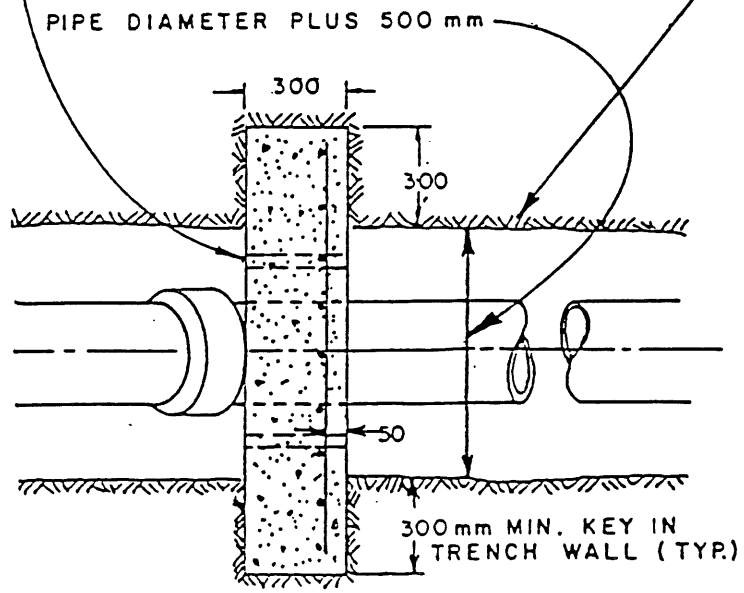
DRWN. D.H.  
CHK R.R.

SCALE: N.T.S.

DWG. No. S-6



ELEVATION

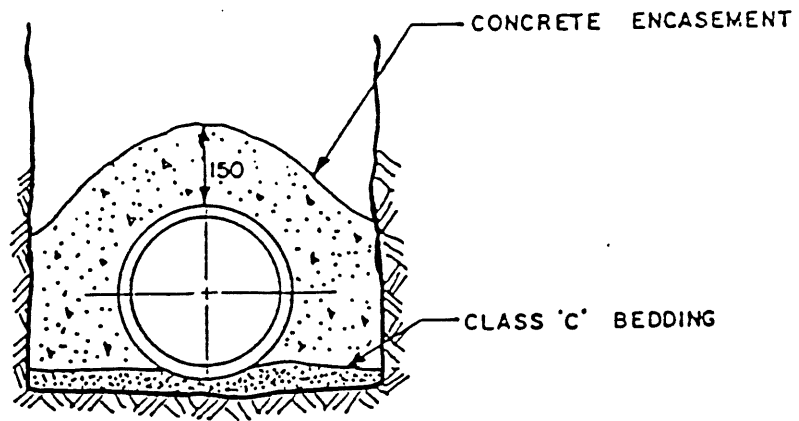


PLAN

NOTES

1. CONCRETE SHALL BE 20 M Pa 28 DAY STRENGTH. WHERE REQUIRED CONCRETE USED SHALL BE SULPHATE RESISTANT.
2. ANCHORAGE REQUIRED WHERE SLOPE EXCEEDS  
 20 - 35 % Locate every 11 m  
 35 - 50 % " " 7.3 m  
 greater than 50 % Locate every 5 m.
3. NO REBAR IS TO BE PLACED WITHIN 150 mm OF MAINS.
4. BULKHEADS ARE TO BE PLACED AGAINST AND ON THE DOWNHILL SIDE OF THE BELL OF THE PIPE, BUT MUST NOT SURROUND IT.

<p>Village of <i>Montrose</i></p>		<p>WATERMAIN AND SEWERMAIN ANCHORS</p>
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	BY APP'D	DRWN. D.H. R.R.
	CHK	SCALE: N.T.S.
		DWG. No. S-7



NOTES:

1. THE PLACEMENT OF THE CONCRETE ENCASEMENT NEED NOT BE DONE BY FORMING.
2. MIN. THICKNESS OF THE CONCRETE ENCASEMENT TO BE 150 mm.
3. CONCRETE ENCASEMENT TO BE CONTINUOUS FOR DUCTILE IRON PIPE
4. ENCASEMENT ON PVC AND EXISTING SEWERS TO STOP 0.3 m EACH WAY OF COUPLING.

Village of  
*Montrose*


CONCRETE  
ENCASEMENT  
DETAIL

DATE DRAWN: MARCH, 1992

NO. DATE

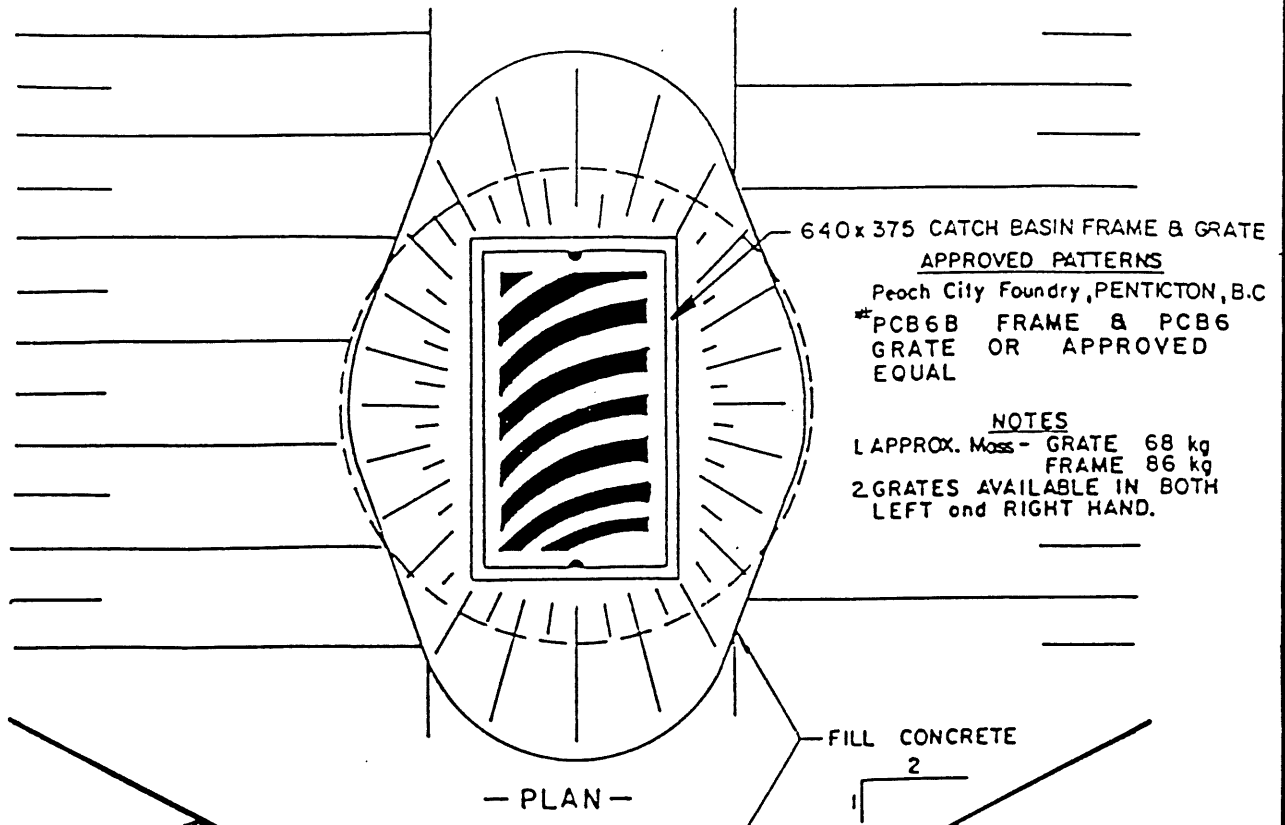
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CHK R.R.

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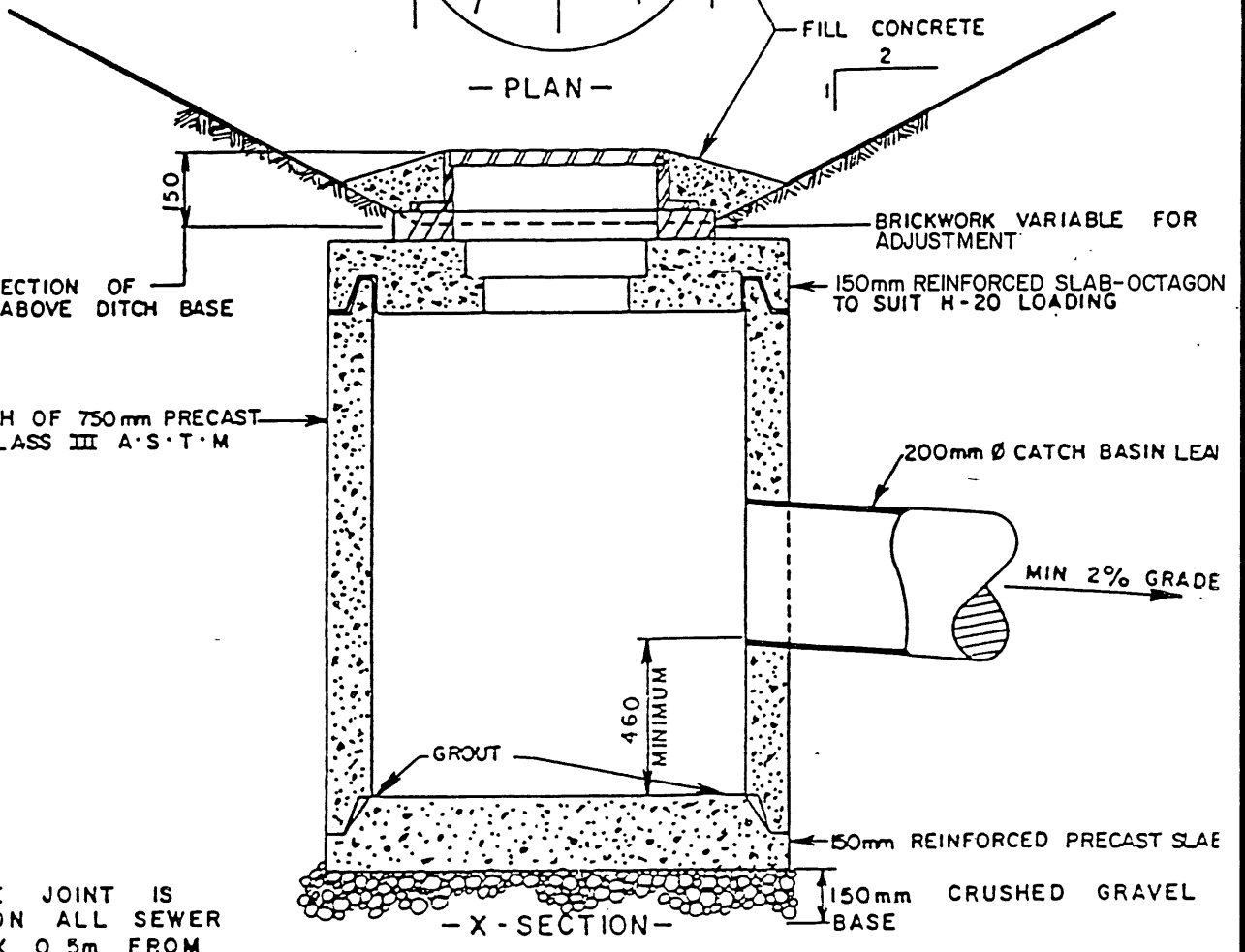
DWG. No. S-8



640 x 375 CATCH BASIN FRAME & GRATE  
 APPROVED PATTERNS  
 Peach City Foundry, PENTICTON, B.C.  
 #PCB6B FRAME & PCB6  
 GRATE OR APPROVED  
 EQUAL

NOTES  
 1. APPROX. Mass - GRATE 68 kg  
 FRAME 86 kg  
 2. GRATES AVAILABLE IN BOTH  
 LEFT and RIGHT HAND.

- PLAN -



MINIMUM PROJECTION OF  
 CATCH BASIN ABOVE DITCH BASE

1500mm LENGTH OF 750mm PRECAST  
 CONCRETE CLASS III A.S.T.M  
 C-76 PIPE

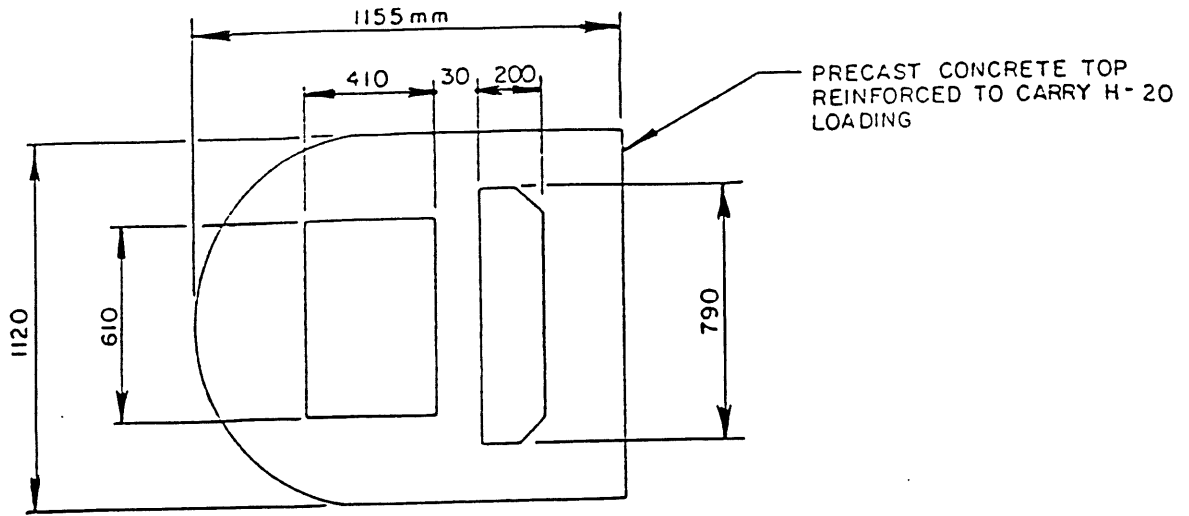
NOTE:  
 A FLEXIBLE JOINT IS  
 REQUIRED ON ALL SEWER  
 LEADS, MAX. 0.5m FROM  
 CATCHBASIN

- X - SECTION -

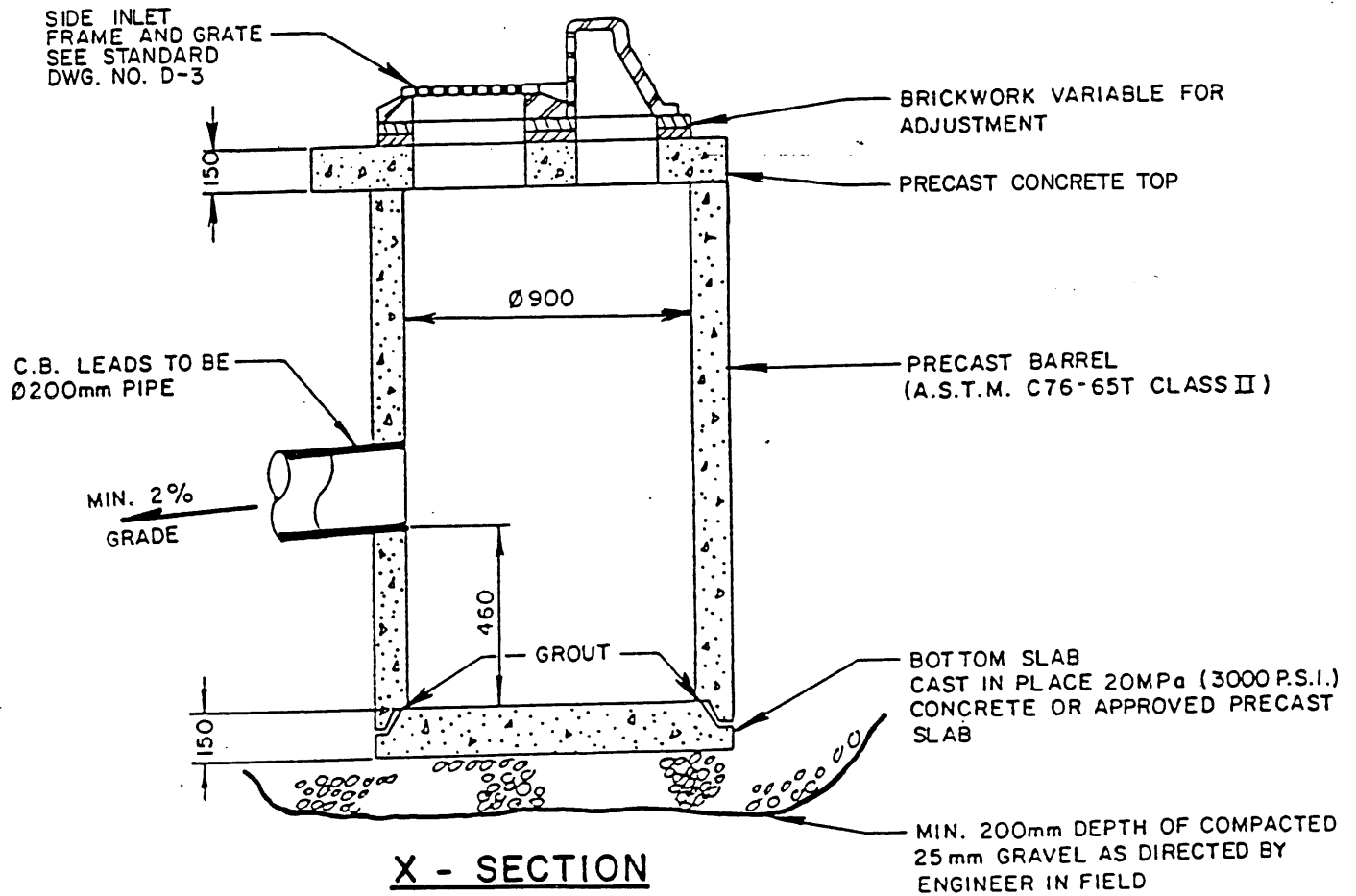
Village of  
 Montrose

CATCH BASIN PLACED  
 IN AN OPEN DITCH

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**CONCRETE TOP PLAN**



**X - SECTION**

Village of  
*Montrose*

STANDARD CATCHBASIN  
DETAIL  
TYPE II

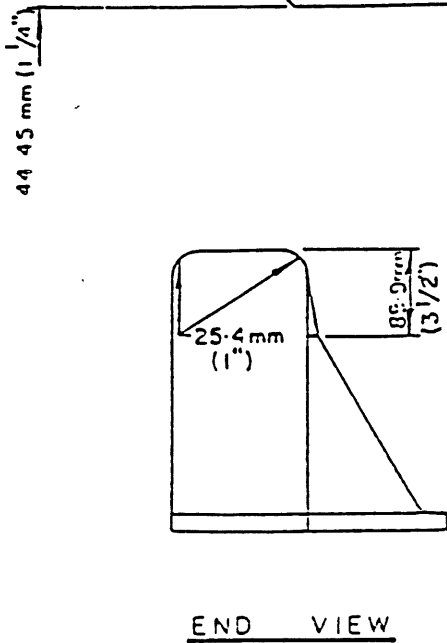
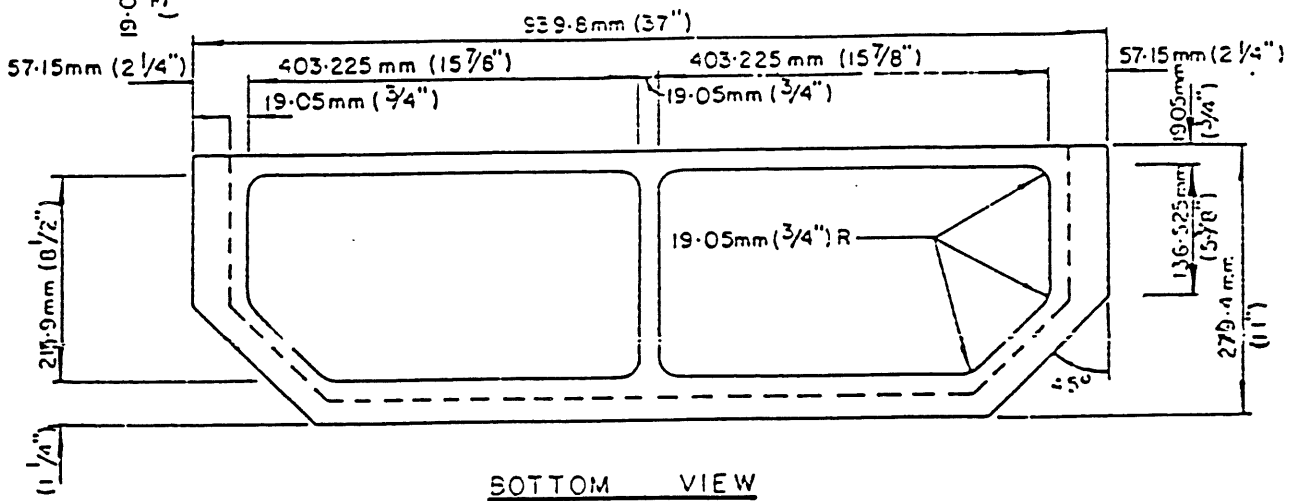
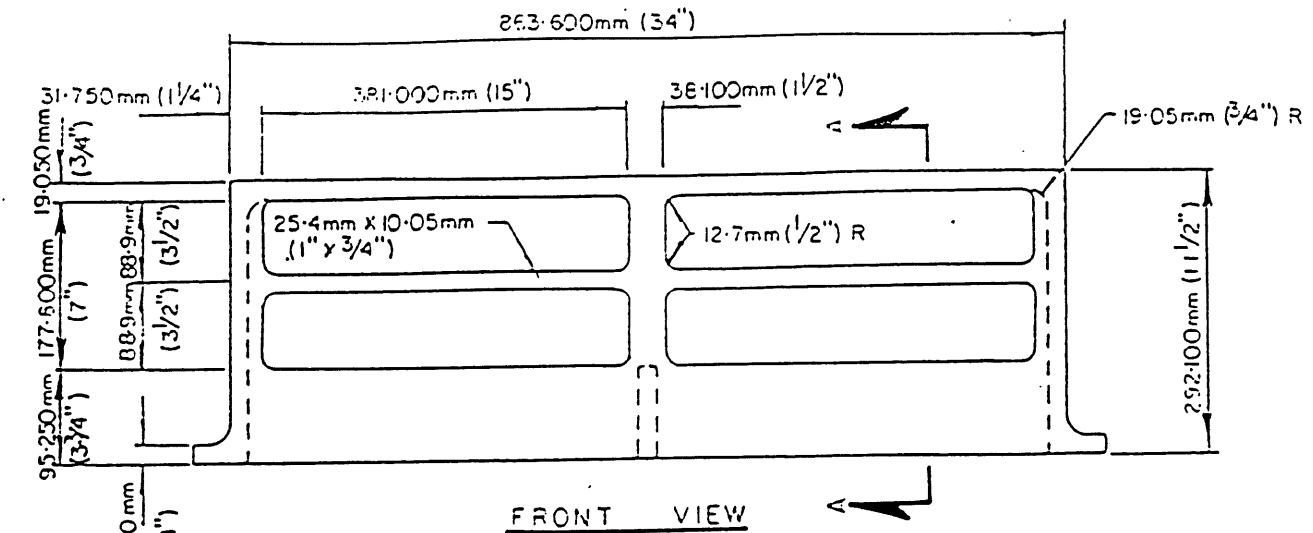
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CHK.: R.R.

SCALE  
N.T.S.

DWG. No. D-2



Village of  
Montrose

STORM SEWER SIDE INLET  
FRAME

DATE DRAWN:

MARCH, 1992

NO.

DATE

REVISION

BY

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CHK.: R.R.

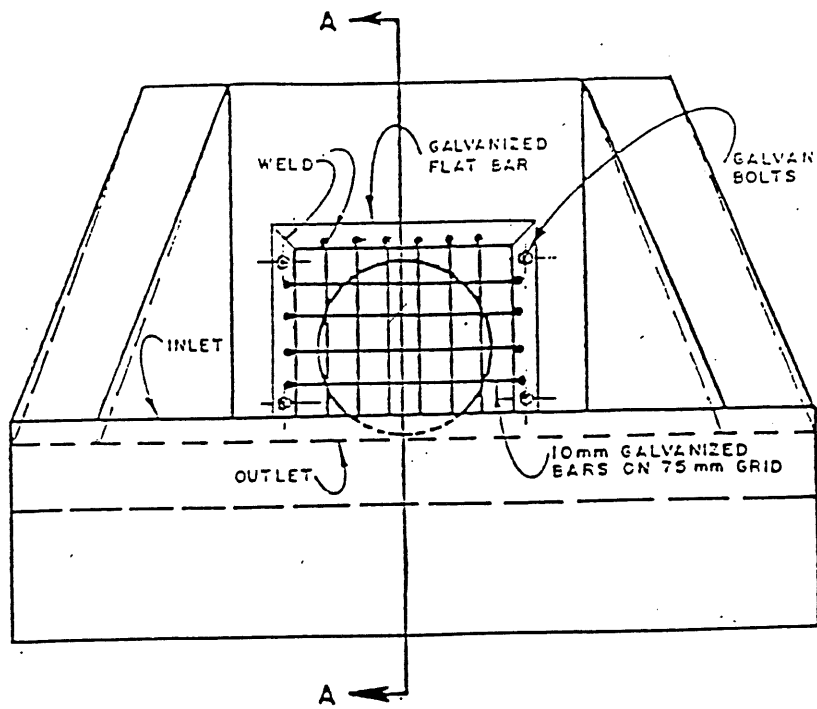
SCALE

N.T.S.

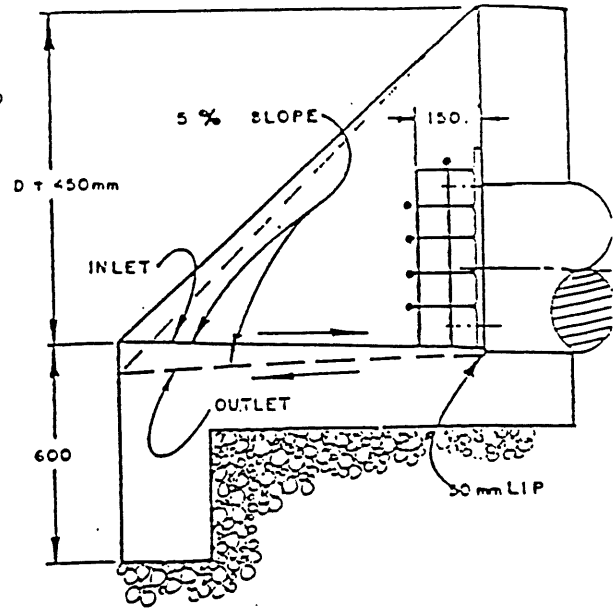
DWG. No.

D-3

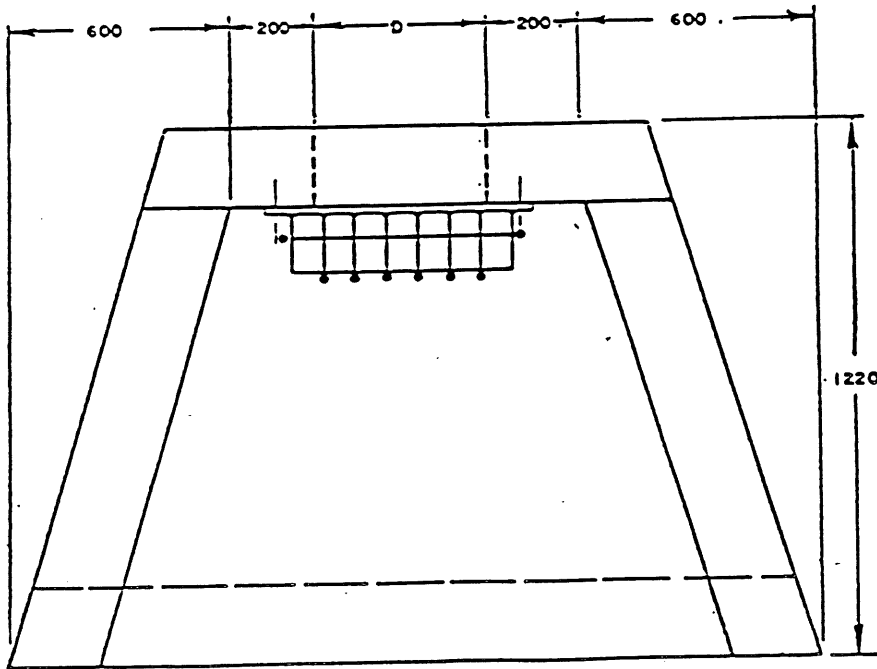




ELEVATION



SECTION A-A



PLAN

NOTES

1. ALL WALLS & SLABS 200mm.
2. CONCRETE MIN. 20 MPa.
3. BASE SHALL BE 150mm COMPACTED PIT RUN.
4. REINFORCING SHALL BE 15 M @ 300 EACH WAY, EACH WALL & SLAB. MINIMUM BOND LENGTH ON CORNER BARS 460mm.
5. PLACE CONCRETE RIP RAP 300mm THICK FOR 5m FROM INLET & OUTLET STRUCTURE.

Village of  
*Montrose*

CONCRETE OUTLET  
AND  
INLET STRUCTURE

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REVISION

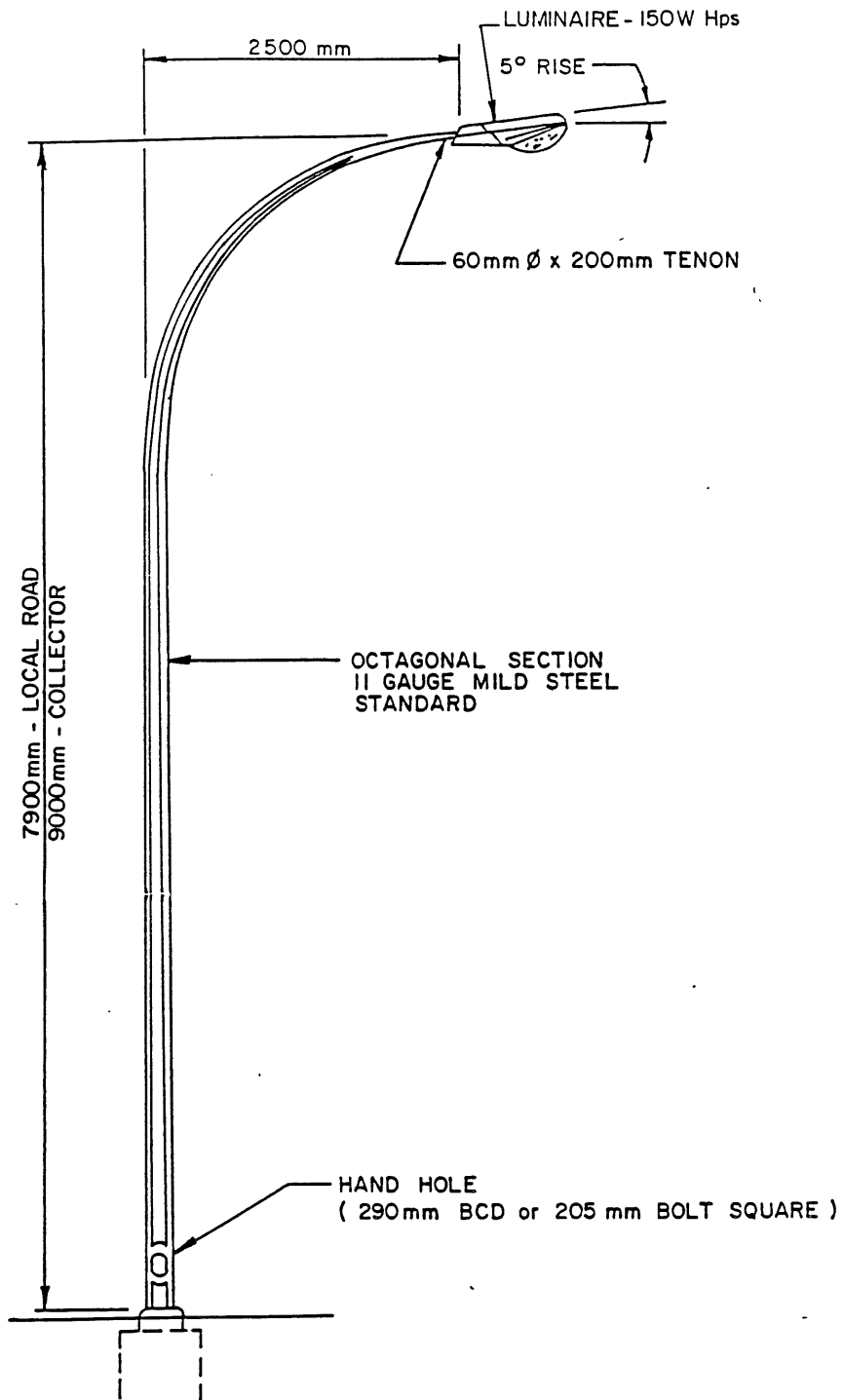
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SCALE: N.T.S.

DWG. No. D-5





Village of  
*Montrose*

TYPICAL  
STREET LIGHT

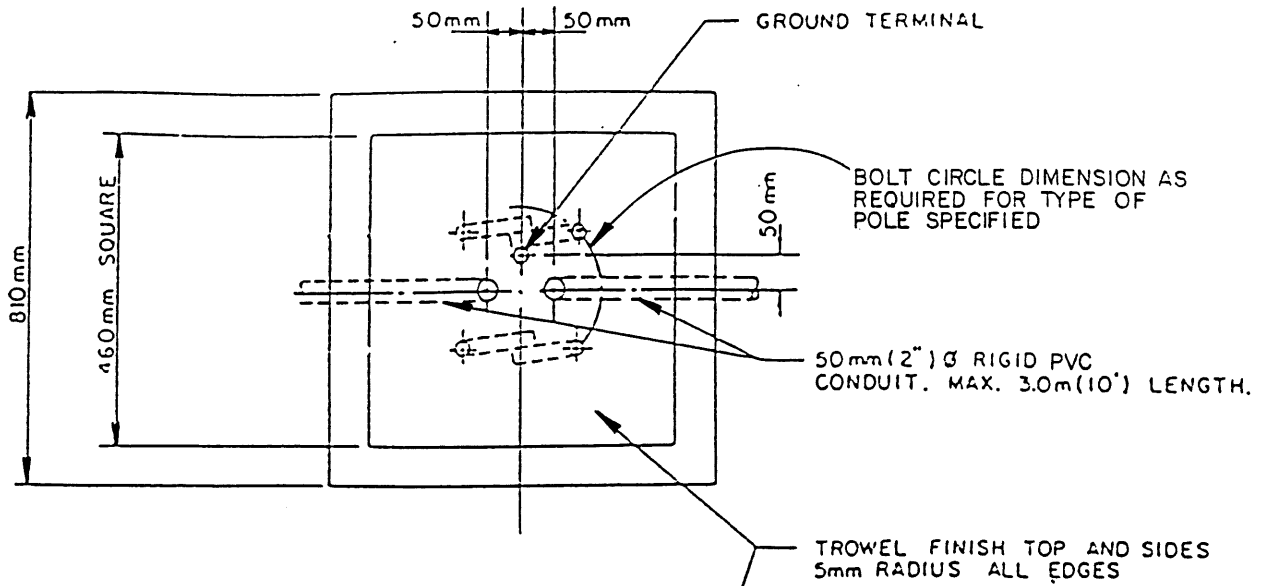
DATE DRAWN: MARCH, 1992

NO.	DATE	REVISION	BY	APP'D

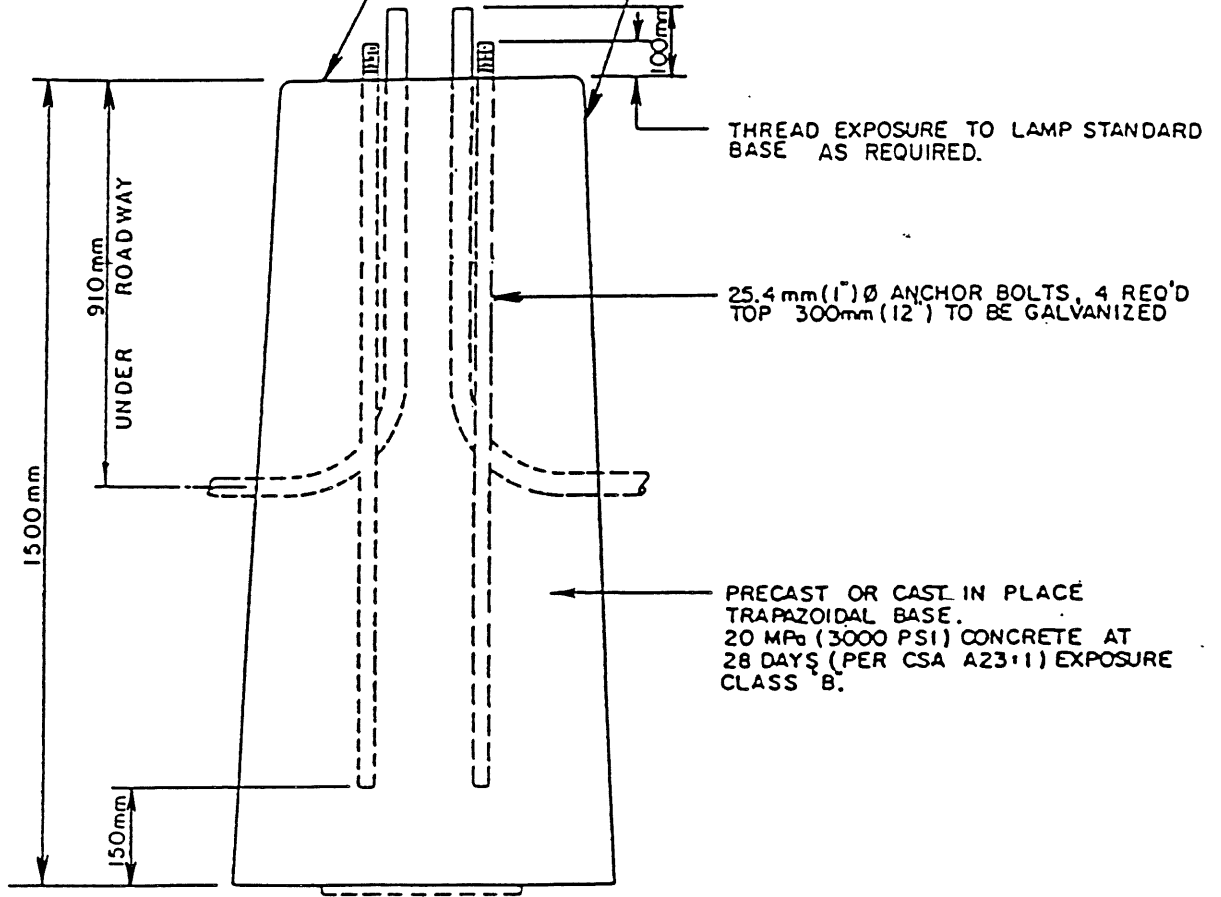
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DWG. No. L-1



THIS SURFACE TO BE 50mm ABOVE BOULEVARD GRADE OR BACK OF SIDEWALK GRADE.



Village of  
*Montrose*

TYPICAL STREET LIGHT  
ANCHOR BASE

DATE DRAWN: MARCH, 1992

NO. DATE

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CHK. R.R.

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DWG. No. L-2

UNDER ROADWAY & SIDEWALKS

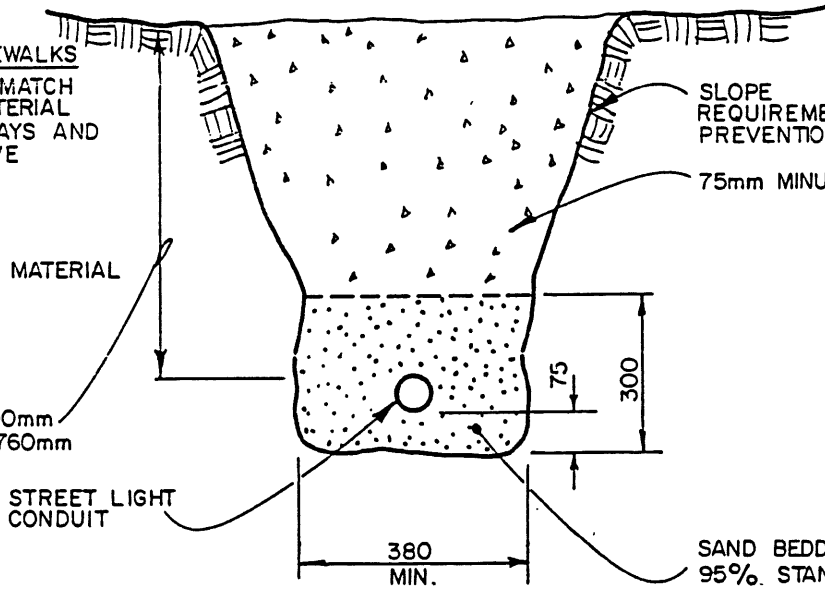
BACKFILL MATERIAL TO MATCH  
BASE AND SUBBASE MATERIAL  
SPECIFIED FOR ROADWAYS AND  
SIDEWALKS - NO NATIVE  
BACKFILL ALLOWED.

IN GRASSED AREAS

BACKFILL WITH NATIVE MATERIAL

DEPTH OF COVER

UNDER ROADWAYS - 900mm  
UNDER OTHER AREAS - 760mm



SLOPE  
REQUIREMENTS TO W.C.B. ACCIDENT  
PREVENTION REGULATION.

75mm MINUS PITRUN GRAVEL

STREET LIGHT  
CONDUIT

SAND BEDDING COMPACTED TO  
95% STANDARD PROCTOR DENSITY

380  
MIN.

75

300

Village of  
*Montrose*

**STREET LIGHT UNDERGROUND  
CONDUIT INSTALLATION**

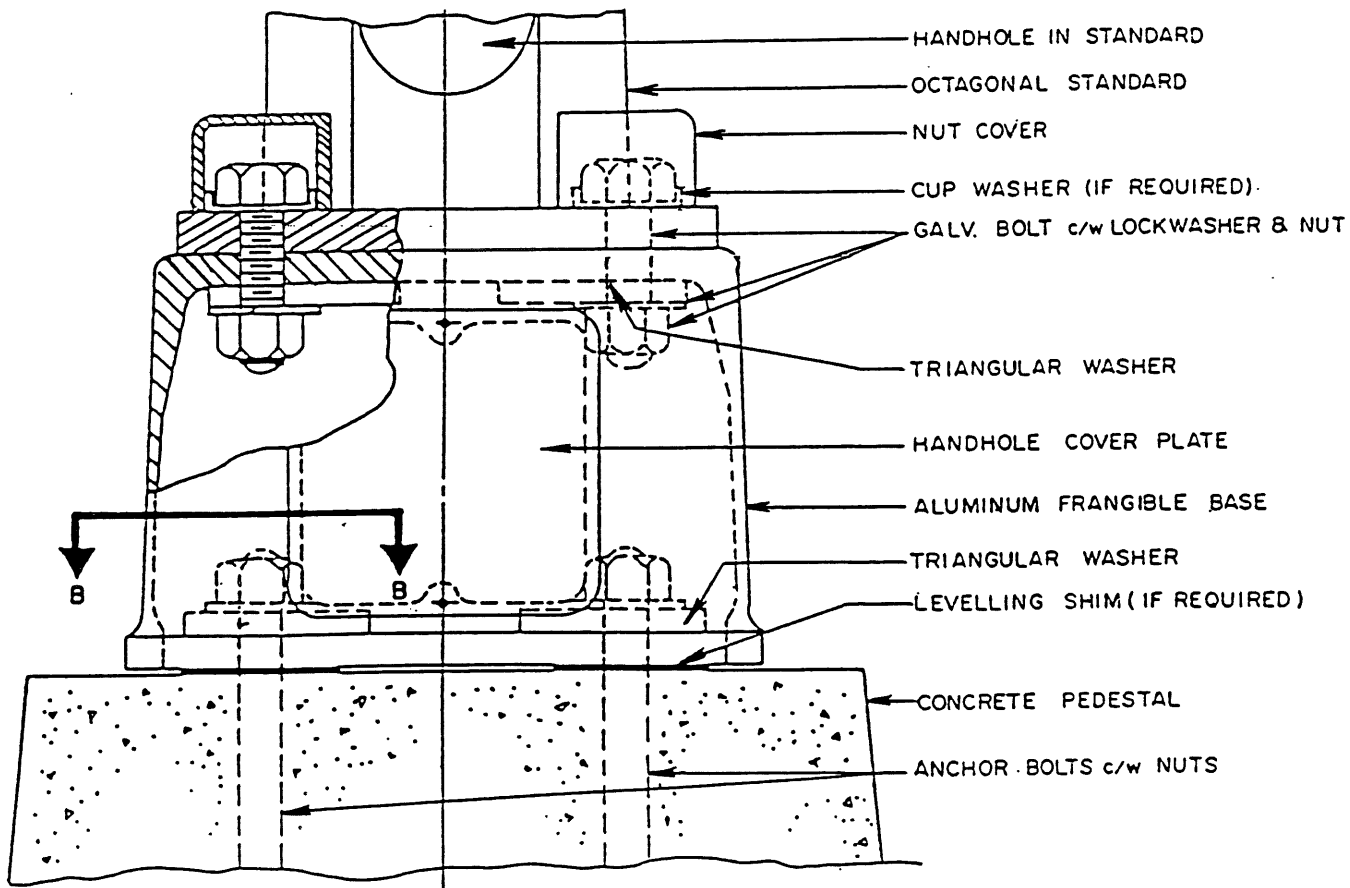
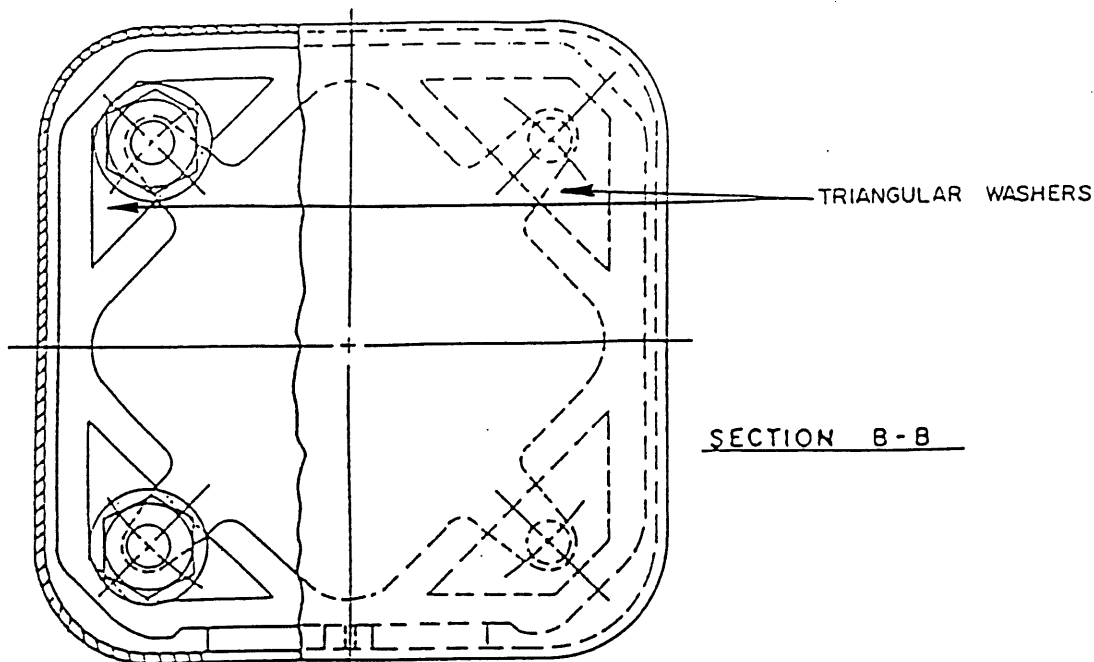
DATE DRAWN: MARCH, 1992

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CHK.: R.R.

SCALE  
N.T.S.

DWG. No. **L-3**



NOTE -  
USE LUBRIPLATE OR OTHER SUITABLE GREASE  
ON ALL THREADS.

Village of  
Montrose

FRANGIBLE BASE  
DETAILS

DATE DRAWN: MARCH, 1992

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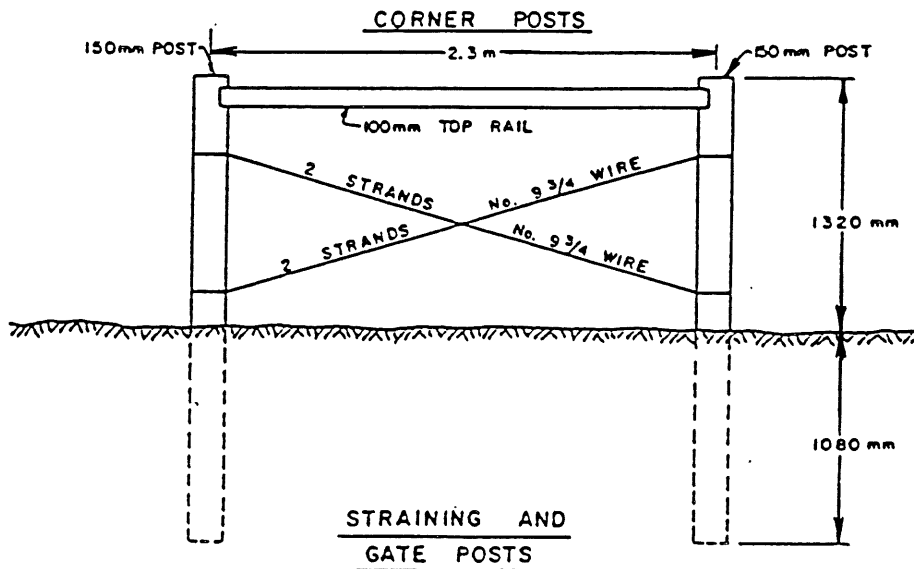
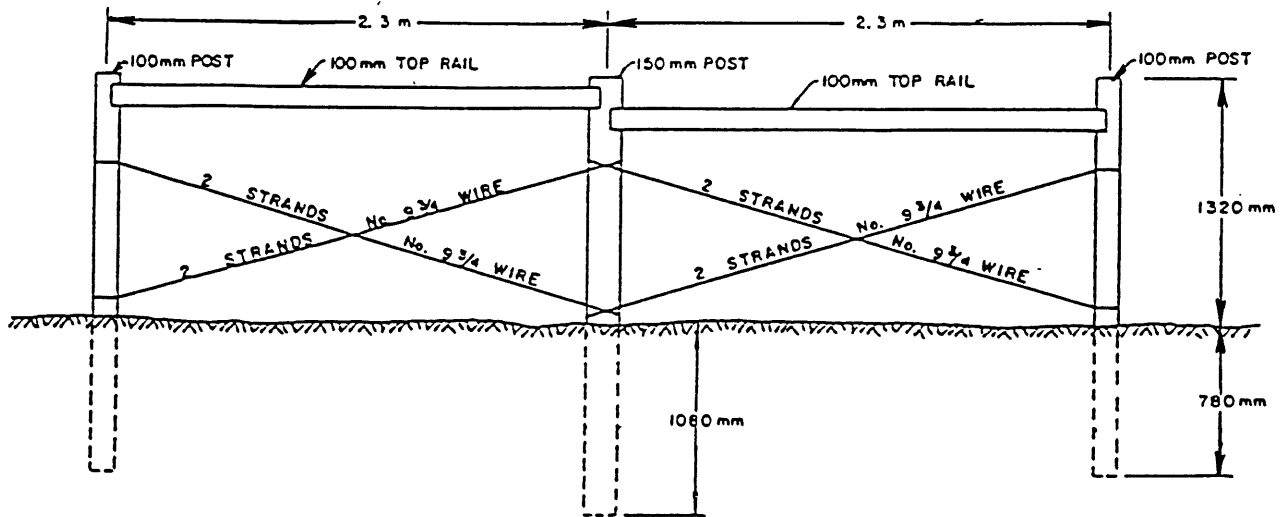
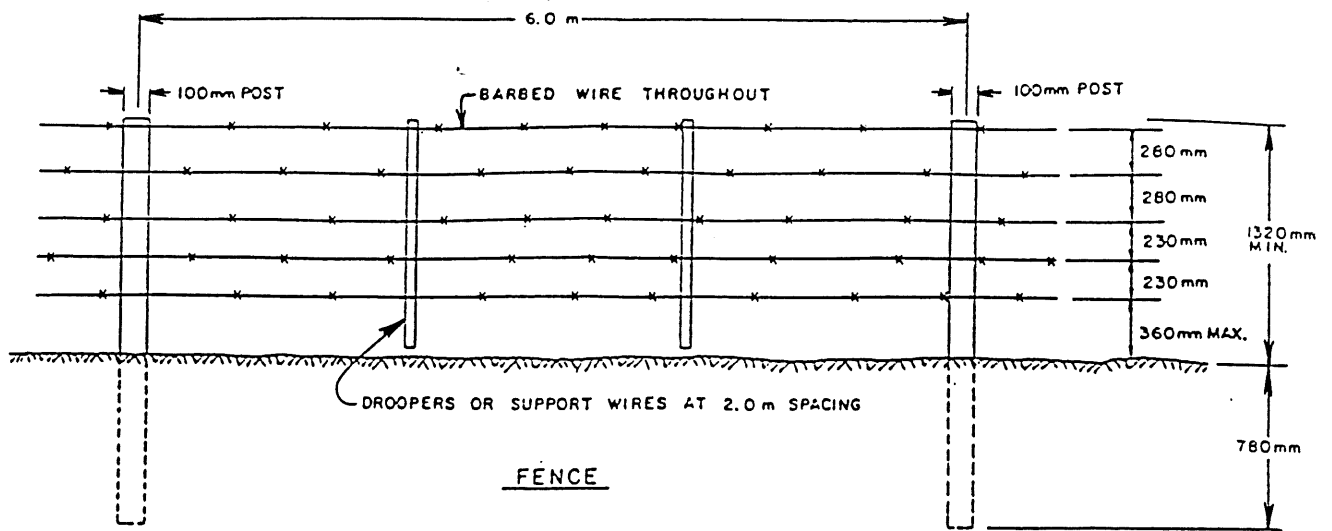
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SCALE: N.T.S.

DWG. No. L-4



Village of  
Montrose

RANGE FENCE

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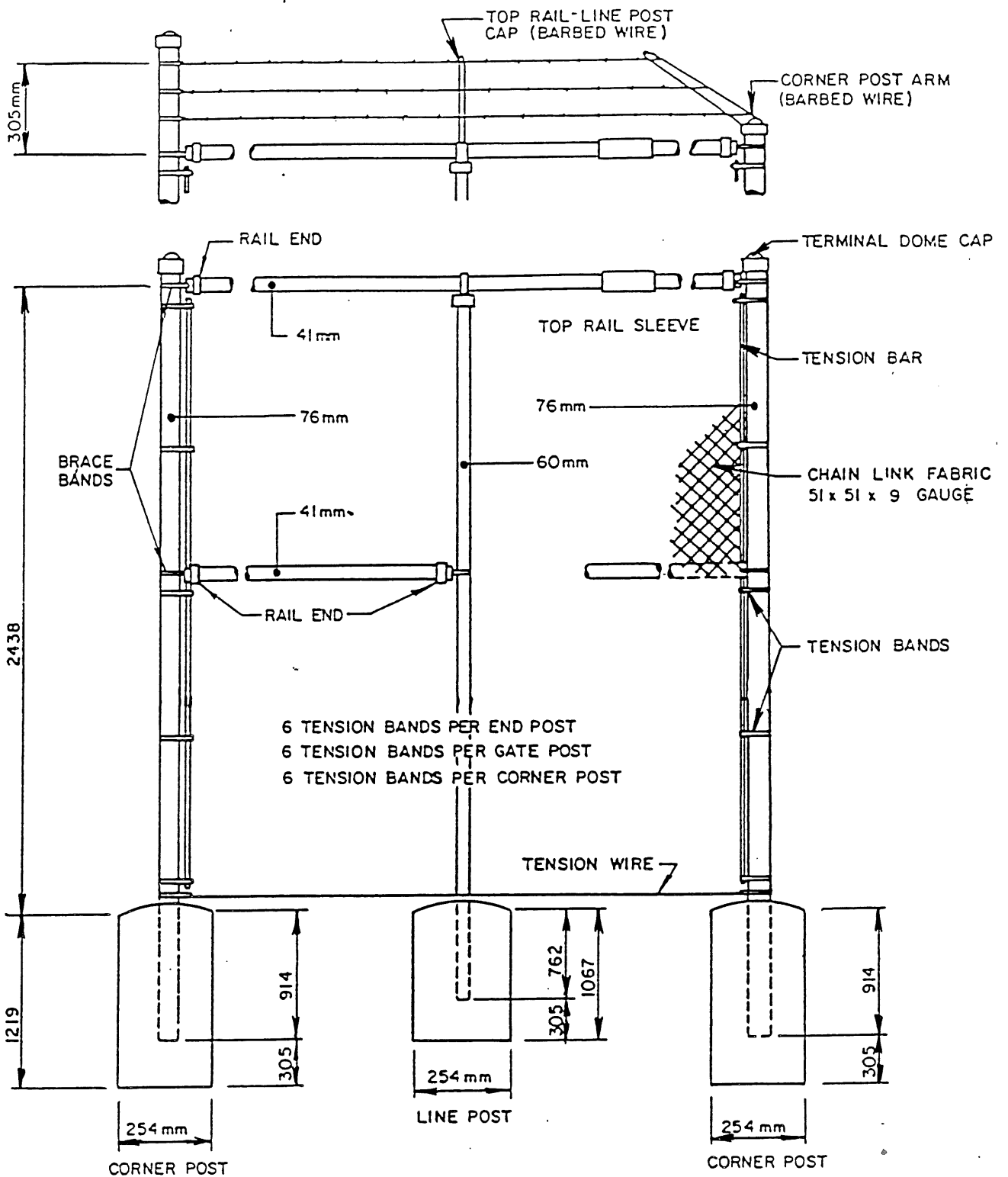
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DWG. No. F-1



Village of  
Montrose

SECURITY CHAIN LINK FENCE

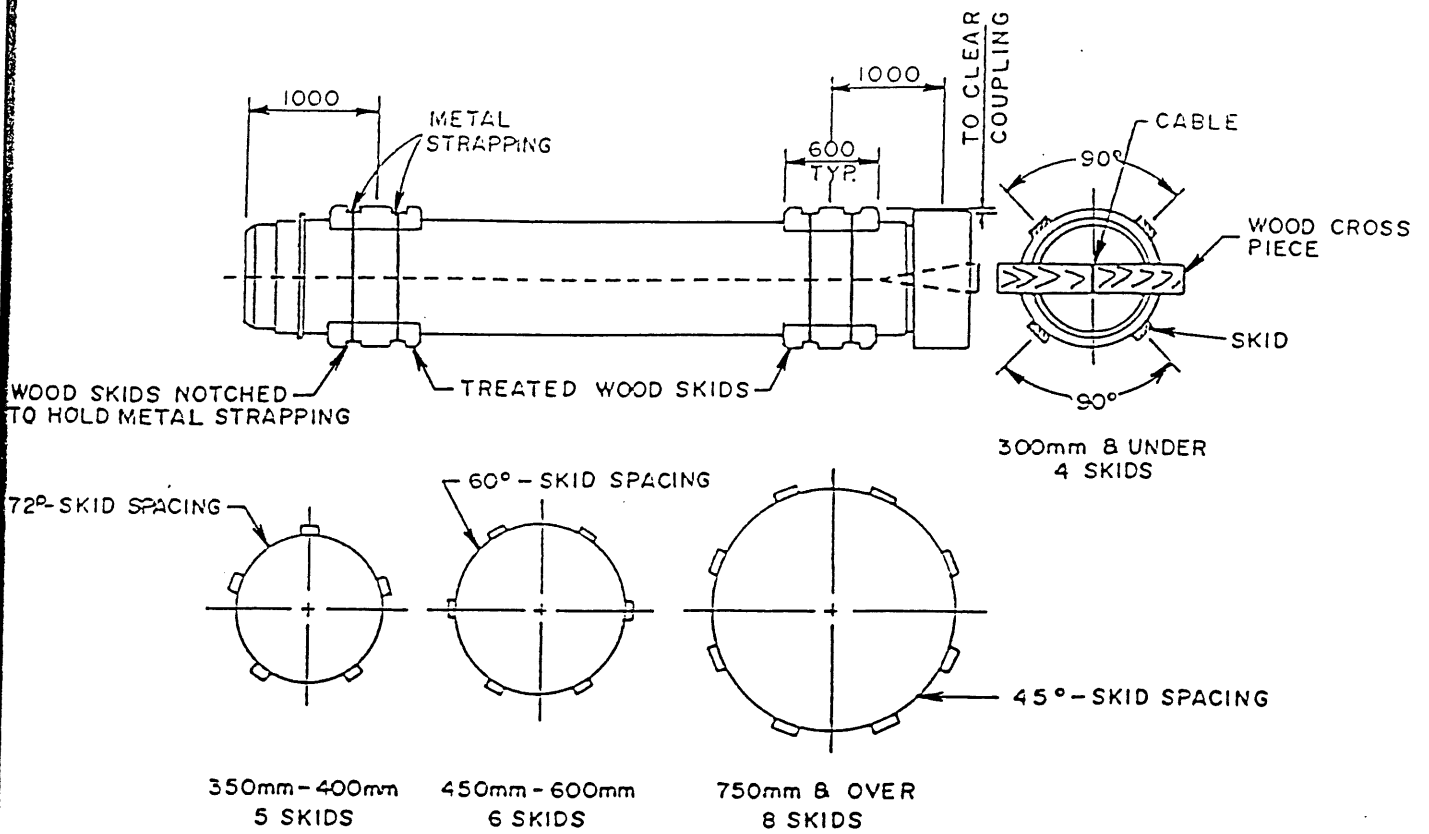
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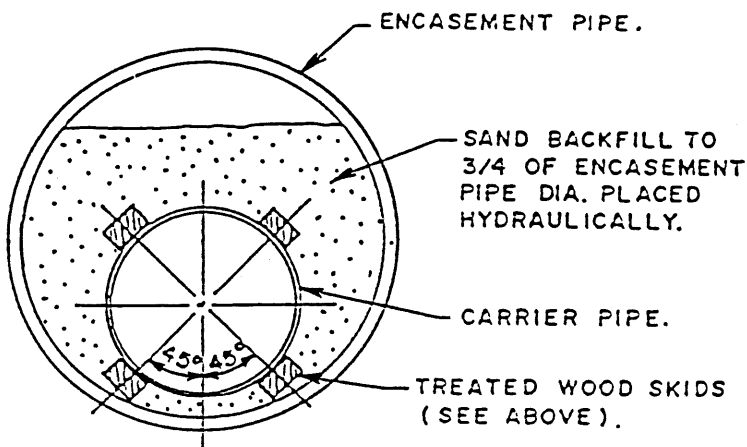
DRWN. D.H.  
CHK. R.R.

SCALE: N.T.S.

DWG. No. F-2



SKID ARRANGEMENT FOR VARIOUS PIPE SIZES.



SECTION

NOTES.

1. CARRIER PIPE JOINTS SHALL BE SET 1000mm BEYOND THE ENDS OF THE ENCASEMENT PIPE.
2. 200mm PVC PIPE ILLUSTRATED.

Village of  
*Montrose*

ENCASEMENT  
&  
CARRIER PIPE DETAIL

DATE DRAWN: MARCH, 1992

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DRWN. D.H.  
CHK R.R.

SCALE: N.T.S.

DWG. No. H-1