

CAST IRON RING AND COVER,
 MARKED "SEWER" PER
 WSDOT STANDARD PLAN B-85.40-00

"O" RING SEAL, INTERNAL GRIPPING
 MECHANICAL PLUG WITH WING NUT.
 TOP COVER OF PLUG SHALL BE
 GREATER THAN 6" DIA. CHERNE
 ECON-O-GRIP MECHANICAL PLUG OR
 APPROVED EQUAL (SEE NOTE 2)

FINISHED GRADE

TRENCH BACKFILL

30" X 30" X 15"
 CONCRETE PAD

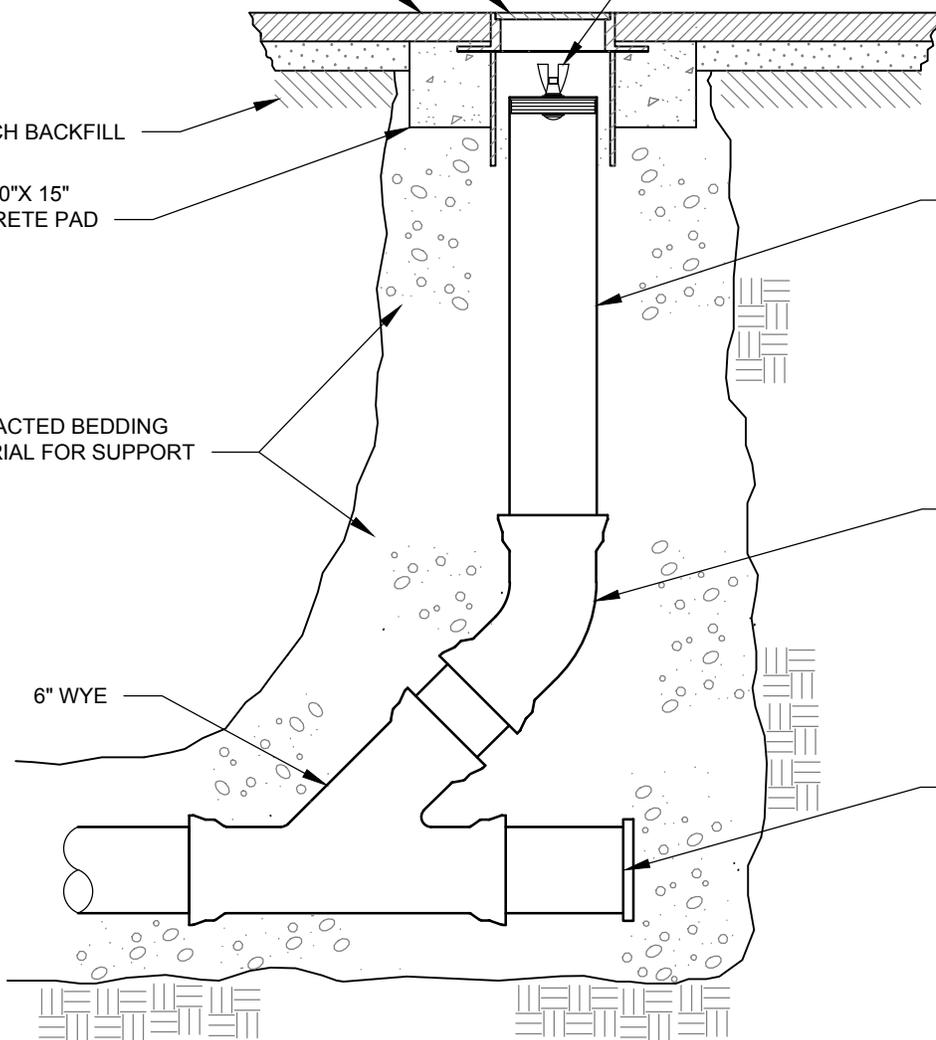
6" RISER

COMPACTED BEDDING
 MATERIAL FOR SUPPORT

6" 45° BEND

6" WYE

PLUG (UNLESS
 OTHERWISE NOTED)



SECTION
 NTS

NOTES:

1. IN NON-SINGLE FAMILY RESIDENTIAL DEVELOPMENTS WHEN THE CLEANOUT IS LOCATED IN THE LANDSCAPE AREA, INSTALL A VALVE MARKER POST (NOT SHOWN), PAINTED FOREST GREEN (FARWEST PAINT, #388).
2. DEFORM END OF THREAD ON MECHANICAL PLUG BOLT TO SECURE WING NUT IN PLACE.

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REVISION DATE: MARCH 01, 2011

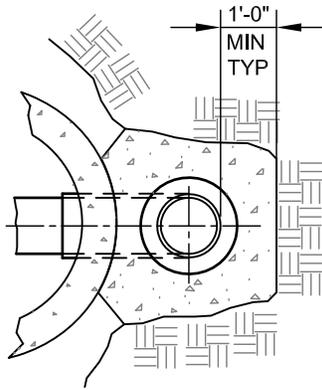


STANDARD DETAILS

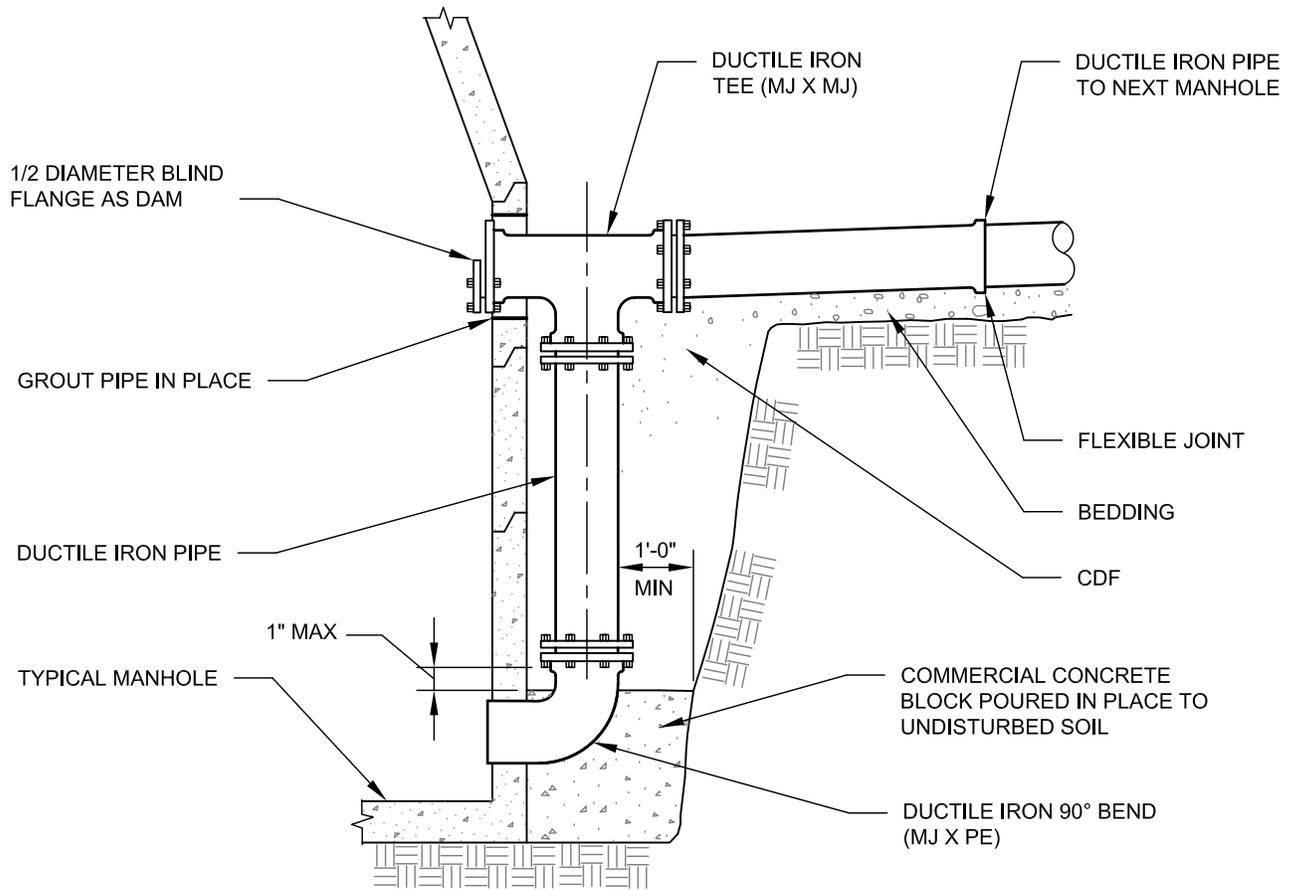
SIDE SEWER CLEANOUT

FILE NAME: SD810.DWG

DETAIL NUMBER: **810**



PLAN
NTS



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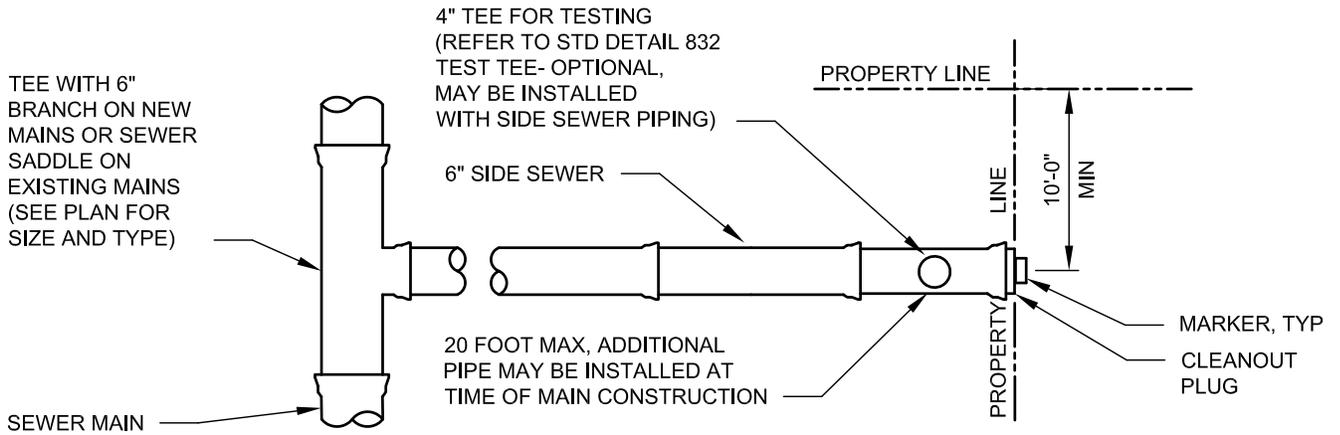


STANDARD DETAILS

DROP CONNECTION

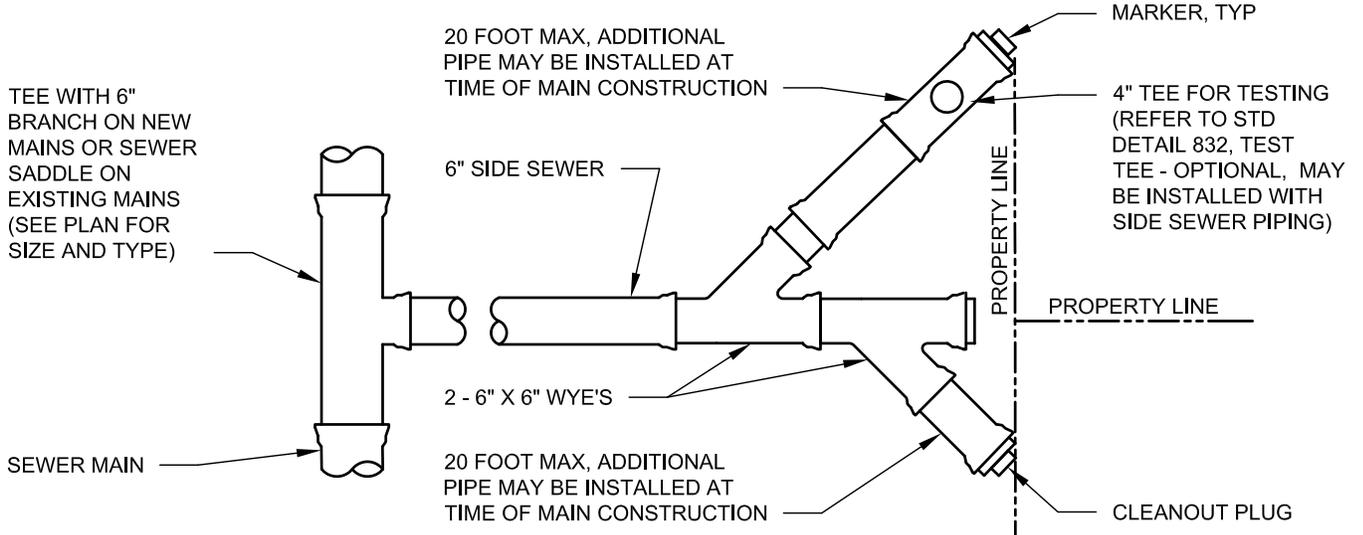
FILE NAME: SD820.DWG

DETAIL NUMBER: **820**



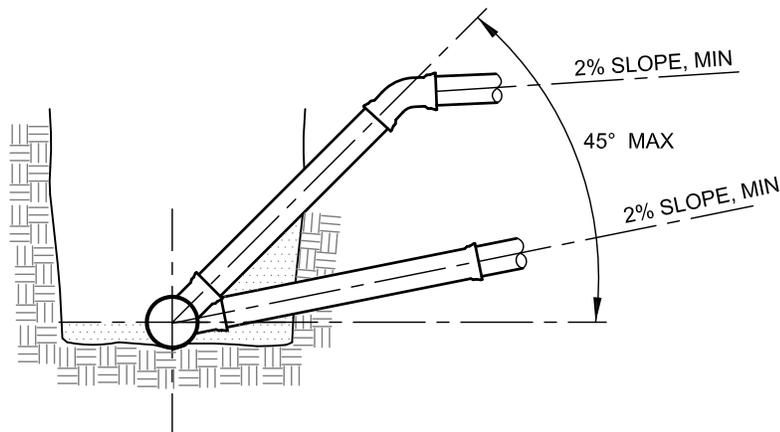
TYPICAL SINGLE SERVICE

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TYPICAL DOUBLE SERVICE

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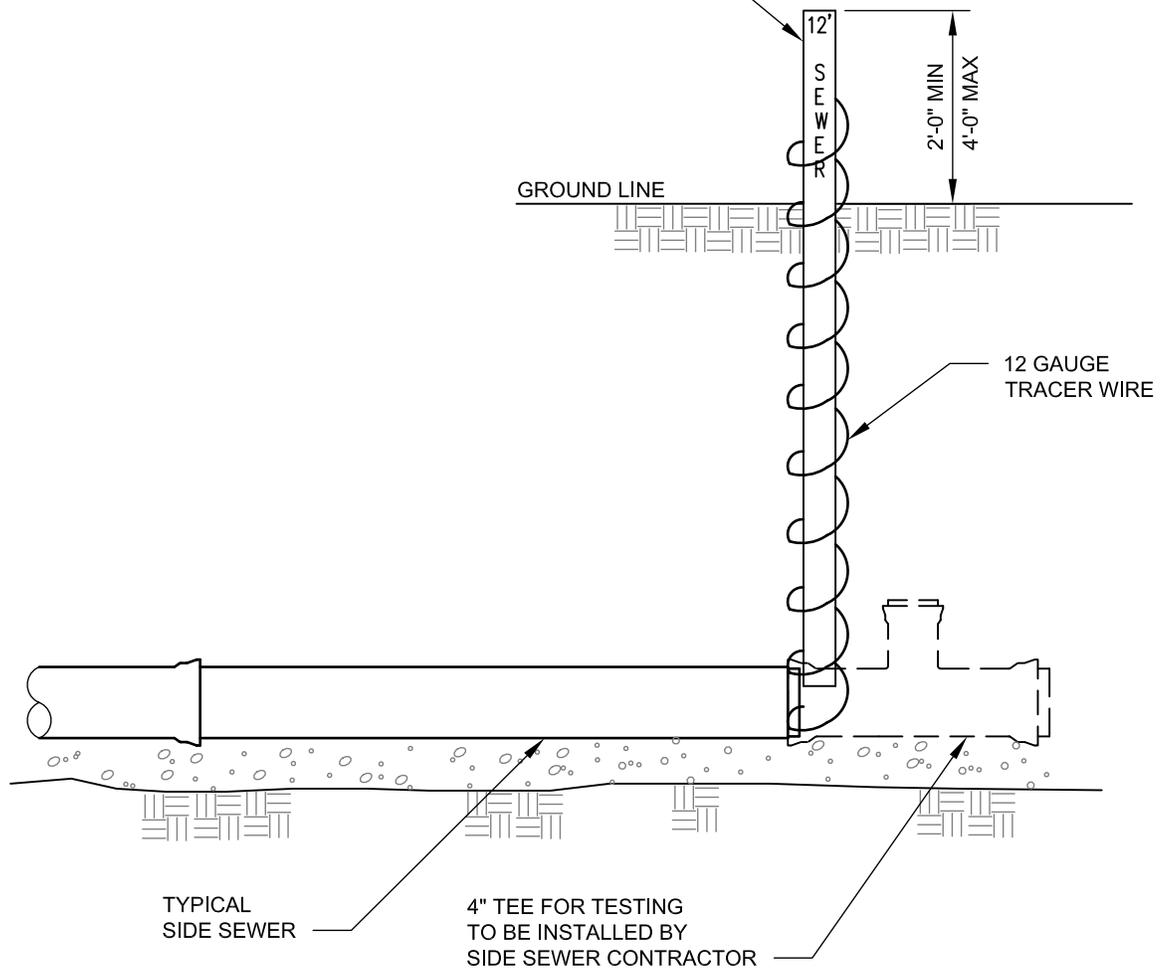


CONNECTION AT SEWER MAIN

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CITY OF REDMOND, WASHINGTON			STANDARD DETAILS	
APPROVED BY: RON GRANT CITY ENGINEER			SIDE SEWER	
REVISION DATE: MARCH 01, 2010			FILE NAME: SD830.DWG	DETAIL NUMBER: 830

USE 8', 10' OR 12' LONG 2" X 4" WOODEN
 POST PAINTED WHITE TO MARK END
 OF SIDE SEWER STUB. (SEE NOTE 2)
 POST SHALL BE STENCILED "SEWER" AND
 "POST LENGTH" WITH 2 INCH BLACK LETTERING



SIDE SEWER MARKER
 NTS

NOTES:

1. DISTANCE TO SIDE SEWER STUB IS MEASURED FROM TOP OF POST TO INVERT OF PIPE.
2. FOR STUBS GREATER THAN 10 FEET DEEP, SPLICE 2"X 4" POSTS WITH A MINIMUM OF A 2 FOOT OVERLAP.

CITY OF REDMOND, WASHINGTON			STANDARD DETAILS	
APPROVED BY: RON GRANT CITY ENGINEER			SIDE SEWER MARKER	
REVISION DATE: MARCH 01, 2010			FILE NAME: SD832.DWG	DETAIL NUMBER: 832

FIRST STEP
MAX OF
1'-6" DOWN

2'-0" CLEAR
OPENING

CITY OF REDMOND
STANDARD RING AND COVER

4" MIN
1'-4" MAX

25'-0"
MAX

PLASTER INSIDE
FACING WITH
3/4" GROUT

GROUT BETWEEN
ADJUSTING RINGS

POLYPROPYLENE
MANHOLE STEPS

48" X 24" OFFSET CONE
ALIGN CONE OPENING AND
LADDER OVER OUTLET PIPE
(TYPE 1 MANHOLE WSDOT
STANDARD PLAN B-15.20-00)

12" TYP

RUBBER GASKETED,
GROUT ALL JOINTS
CONTINUOUS ON
INSIDE AND OUTSIDE
OF MANHOLE

LADDER
(SEE NOTE
BELOW)

FILL LIFTING HOLES WITH
NON-SHRINK GROUT

B
842

CROWN + 0.1'

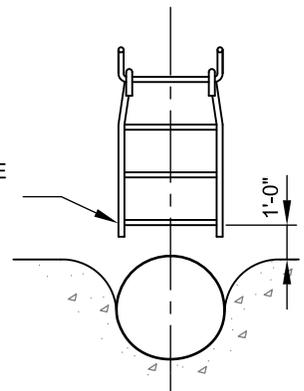
BEDDING SHALL BE
IMPORTED "MATERIAL
FOR FLEXIBLE PIPE
(WSDOT 9-03.16)"
OR "PEA GRAVEL"

COR-N-SEAL OR
APPROVED EQUAL

CHANNEL DEPTH SHALL BE
3/4 OF THE DIAMETER OF THE
PIPE, PRECAST CHANNELS
SHALL NOT BE USED

SECTION
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USE 3/8" DIA SS
BOLTS TO SECURE
LADDER TO WALL



LADDER
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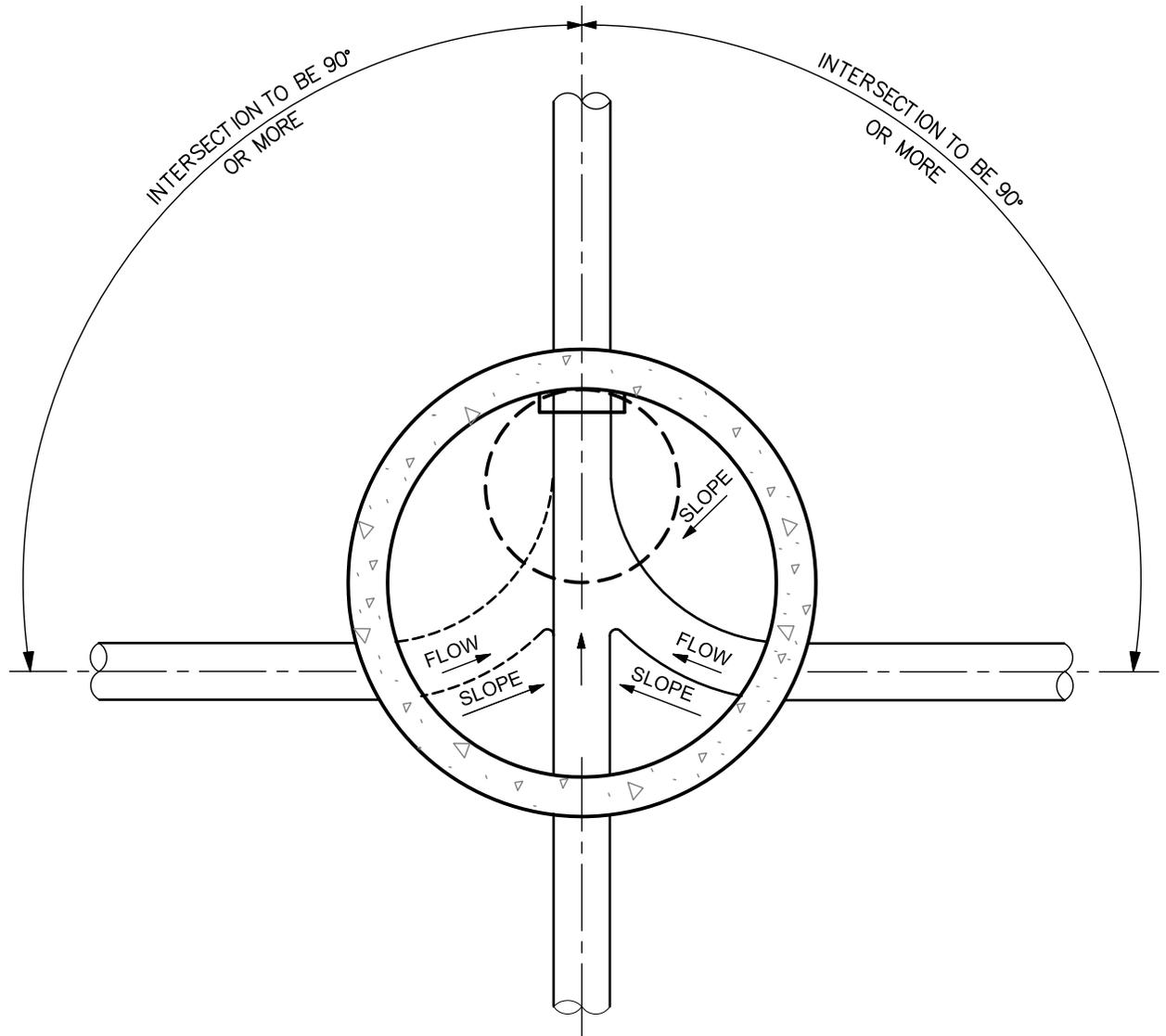


STANDARD DETAILS

48" STANDARD MANHOLE

FILE NAME: SD840.DWG

DETAIL NUMBER: **840**

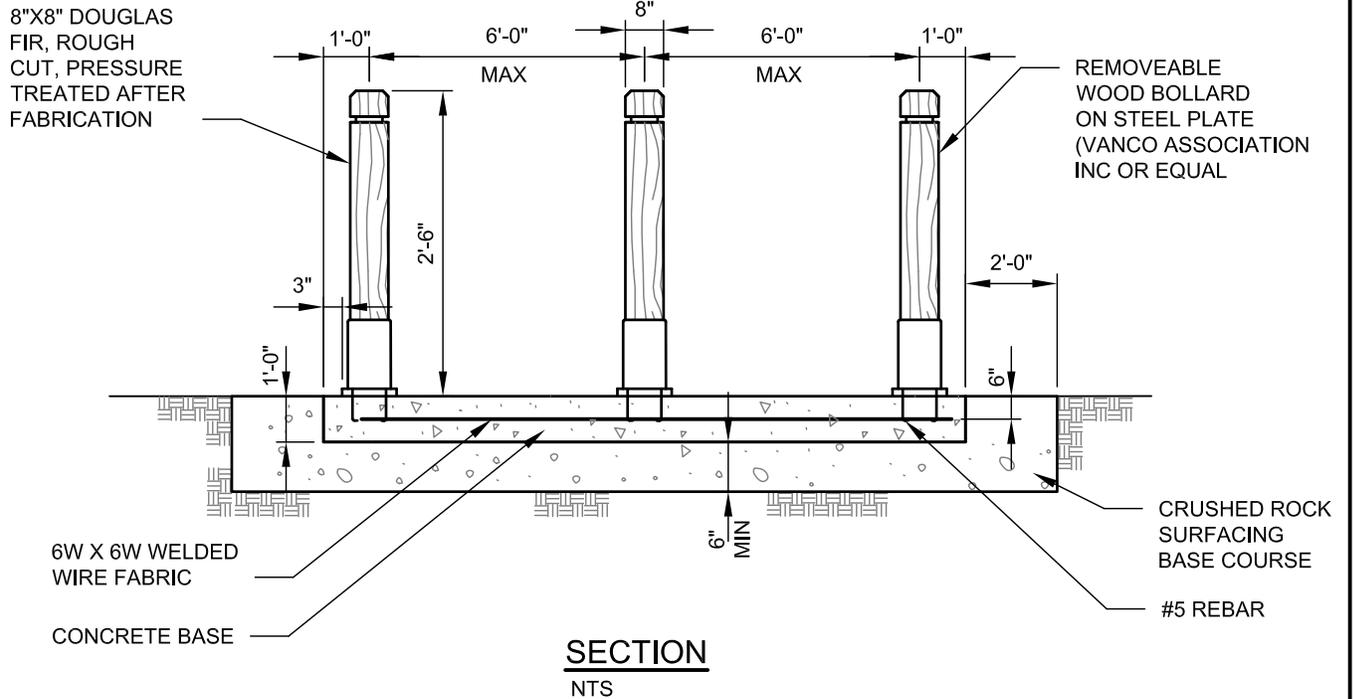
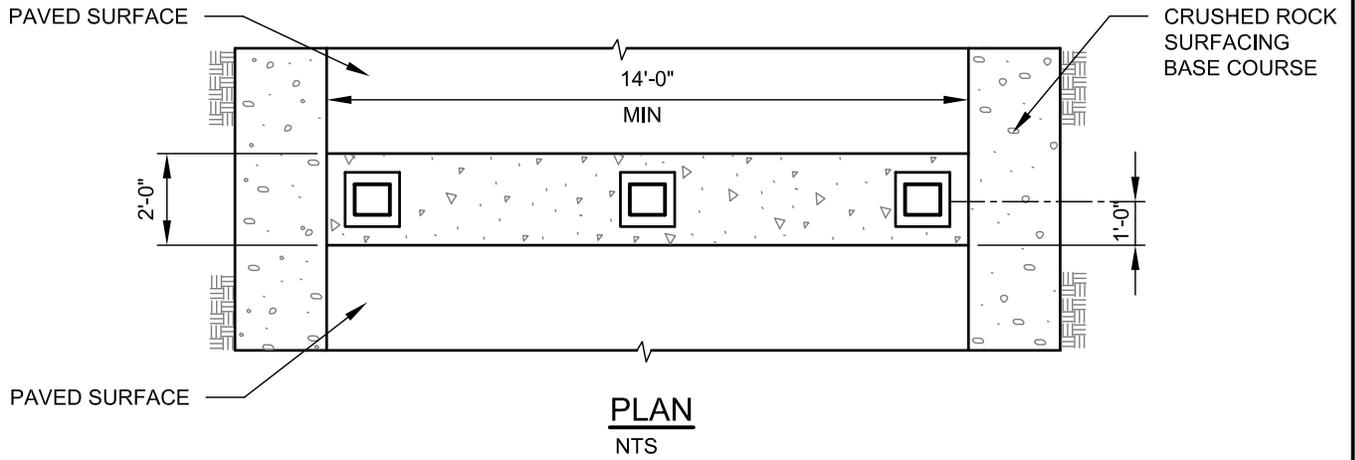


SECTION B
 NTS 840

NOTES:

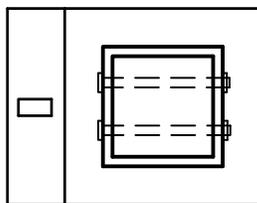
IN "TOP OF SYSTEM" MANHOLES WITH A 6 INCH LATERAL, PROVIDE CHANNELING TO THE UPSTREAM END OF MANHOLE. CHANNEL WIDTH SHALL BE EQUAL TO THE DOWNSTREAM SEWER MAIN DIAMETER.

CITY OF REDMOND, WASHINGTON			STANDARD DETAILS	
APPROVED BY: RON GRANT CITY ENGINEER			INTERSECTION OF SEWERS AT MANHOLE	
REVISION DATE: MARCH 01, 2010			FILE NAME: SD842.DWG	DETAIL NUMBER: 842

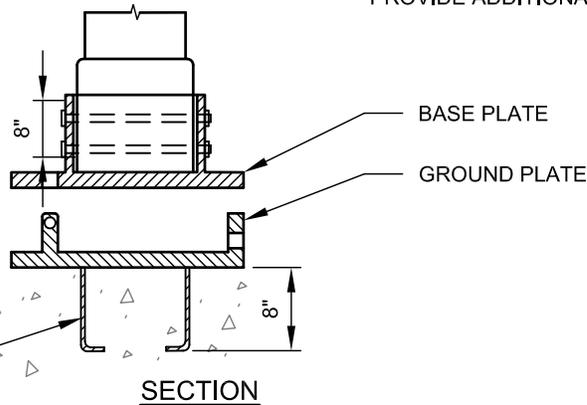


NOTE:

IF ACCESS ROAD IS WIDER THAN 14 FEET, PROVIDE ADDITIONAL BOLLARDS AS NEEDED.



PLAN



SECTION

BOLLARD AND BASE PLATE

NTS

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CITY ENGINEER

REVISION DATE: MARCH 01, 2010



STANDARD DETAILS

BOLLARD BARRIER

FILE NAME: SD890.DWG

DETAIL NUMBER: **890**