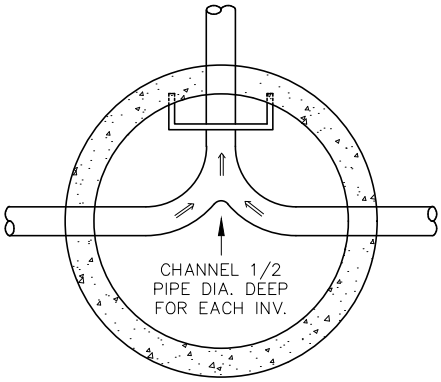
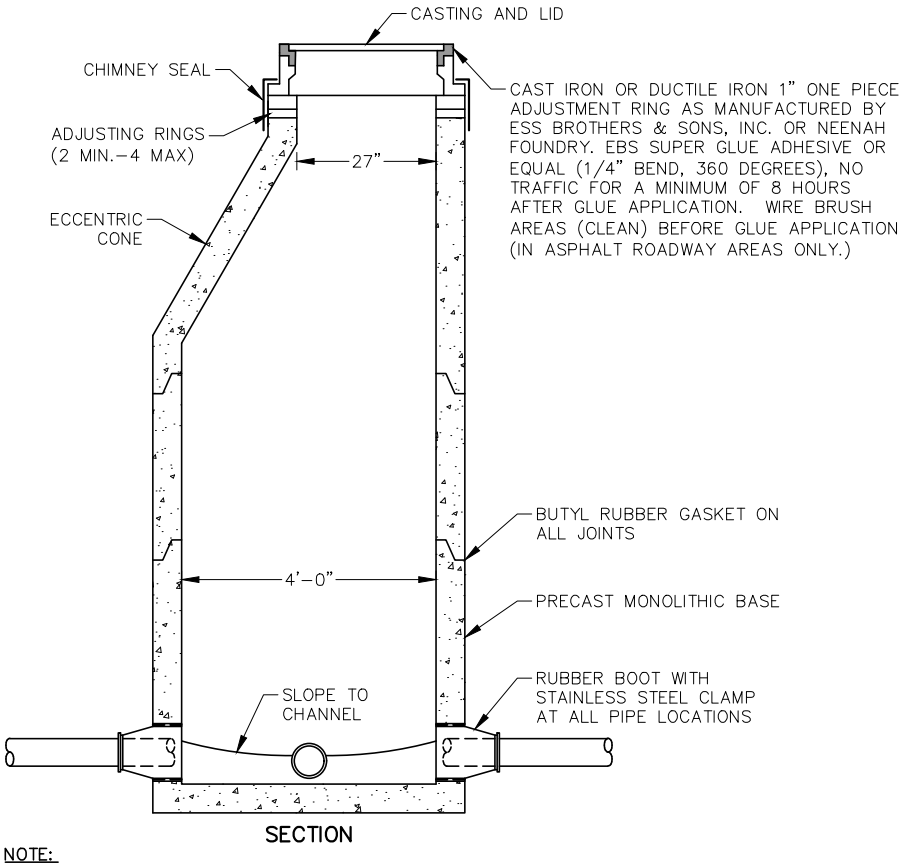


TOP VIEW

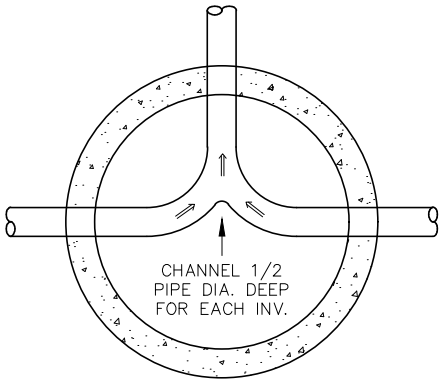


SECTION

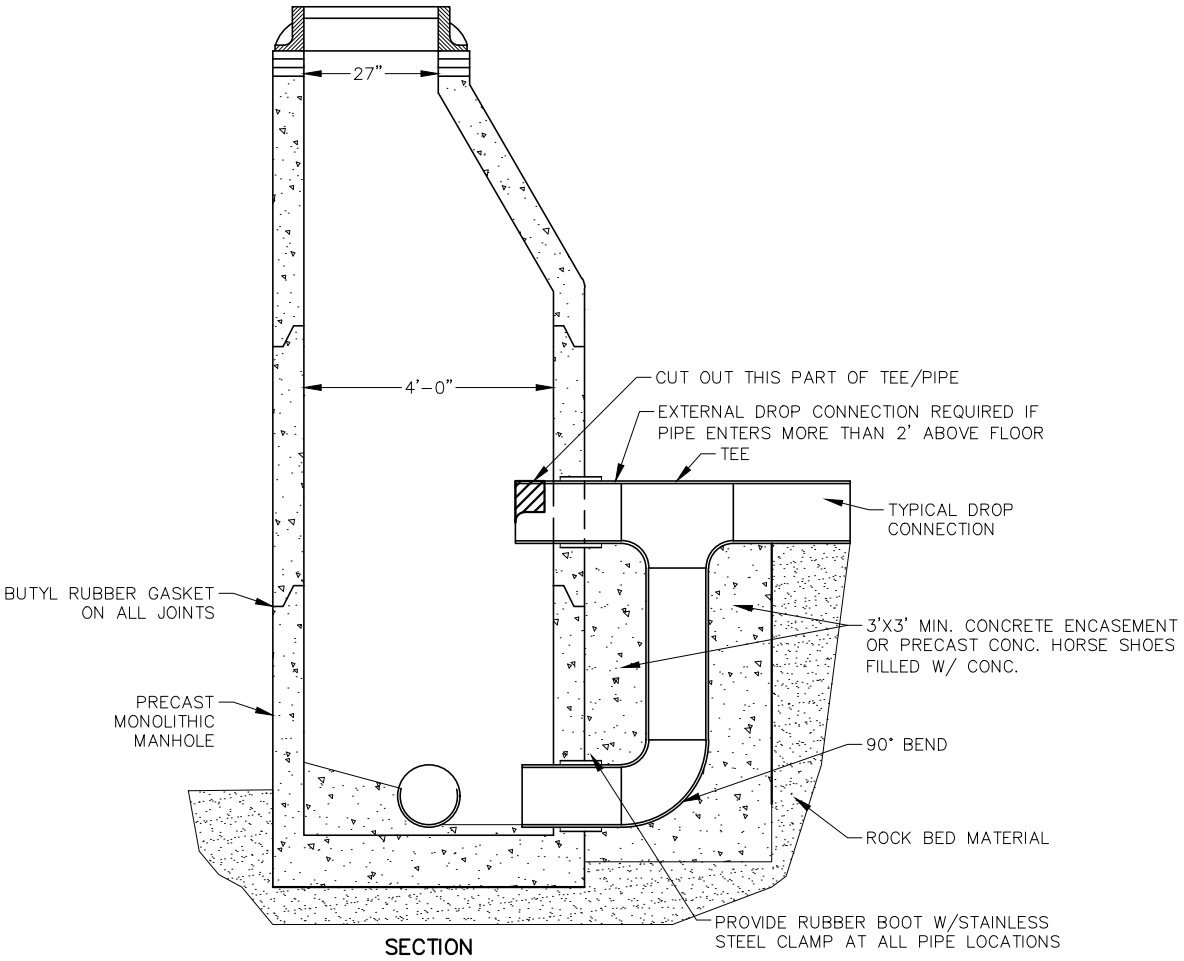
NOTE:
1. MANHOLE SHALL BE MARKED WITH TEMPORARY UTILITY MARKER.

SANITARY SEWER MANHOLE		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 1	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\Kindred Details-PSS.dwg



TOP VIEW



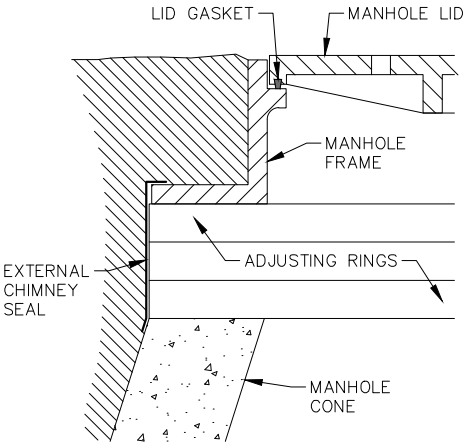
SECTION

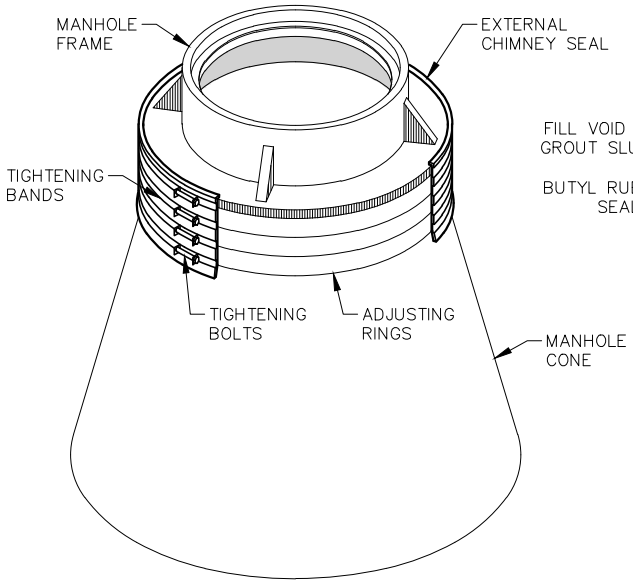
NOTE:

1. VERIFY W/OWNER ON STEPS. DELETE STEPS IF REQUIRED

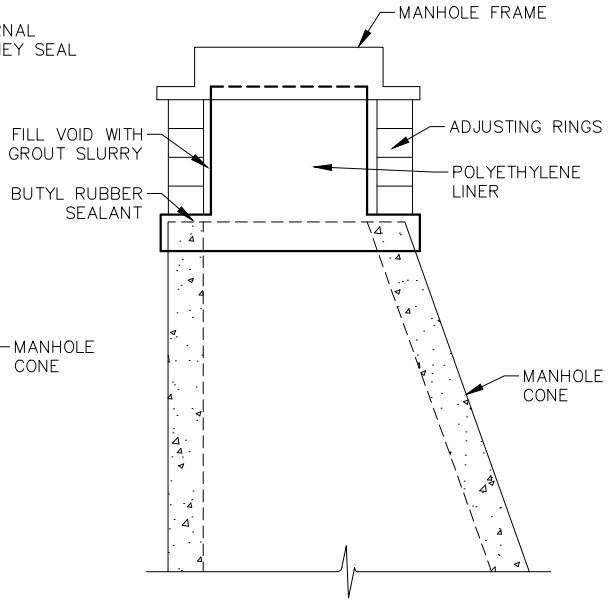
SANITARY SEWER MANHOLE (EXTERNAL DROP)		CITY ENGINEER APPROVED: BLO	DATE: 08.23.19
SECTION No. 330561	DRAWING No. 2	PUBLIC WORKS APPROVED: RAS	DATE: 08.23.19
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 07.17.19	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\Kindred Details-PSS.dwg





EXTERNAL MANHOLE SEAL

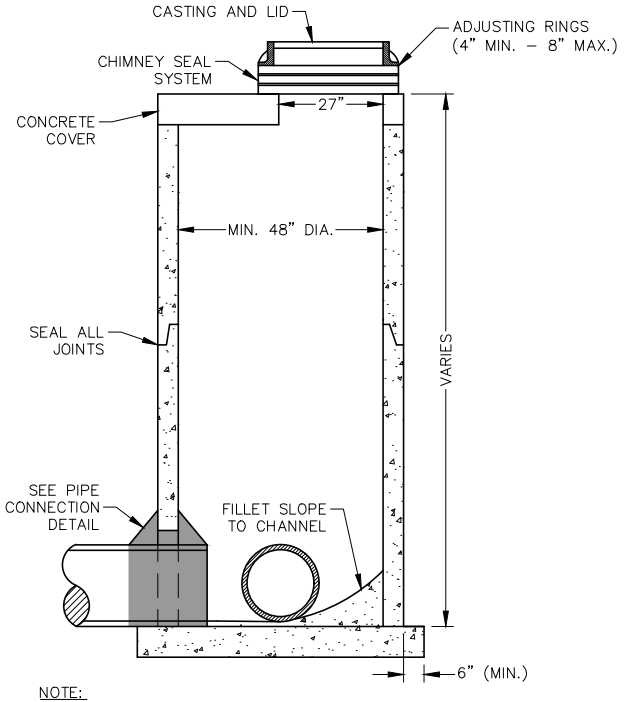


INTERNAL MANHOLE SEAL

NOTE:
1. INSTALL MANHOLE SEALS PER MANUFACTURER RECOMMENDATIONS.

MANHOLE SEALS		CITY ENGINEER APPROVED: BLO	DATE: 08.23.19
SECTION No. 330561	DRAWING No. 3	PUBLIC WORKS APPROVED: RAS	DATE: 08.23.19
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 07.17.19	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vista\\330561_Completed Redlines and Civil3D\Kindred Details-PSS.dwg



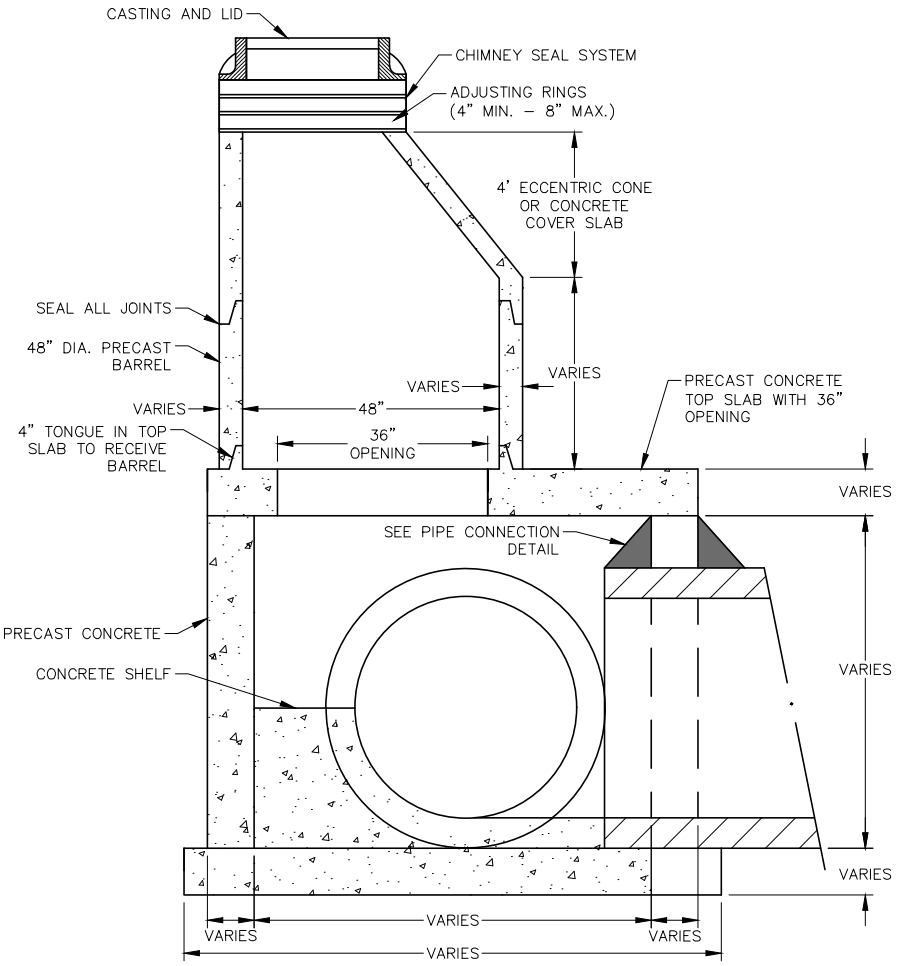
NOTE:
1. TOP BARREL SECTION AND COVER CAN BE SUBSTITUTED WITH AN ECCENTRIC CONE FOR APPLICABLE SIZES.

STORM SEWER
STRUCTURE - MANHOLE - REGULAR

NO SCALE

STORM SEWER STRUCTURE - MANHOLE - REGULAR		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 2	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\KindredStormDetails-PSS.dwg

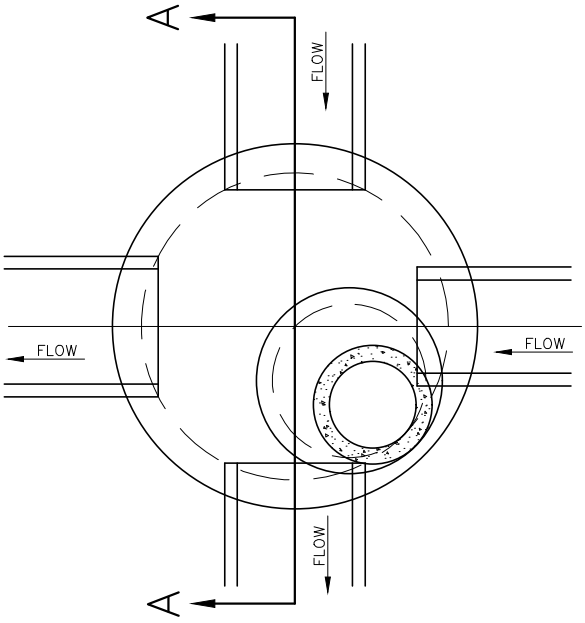


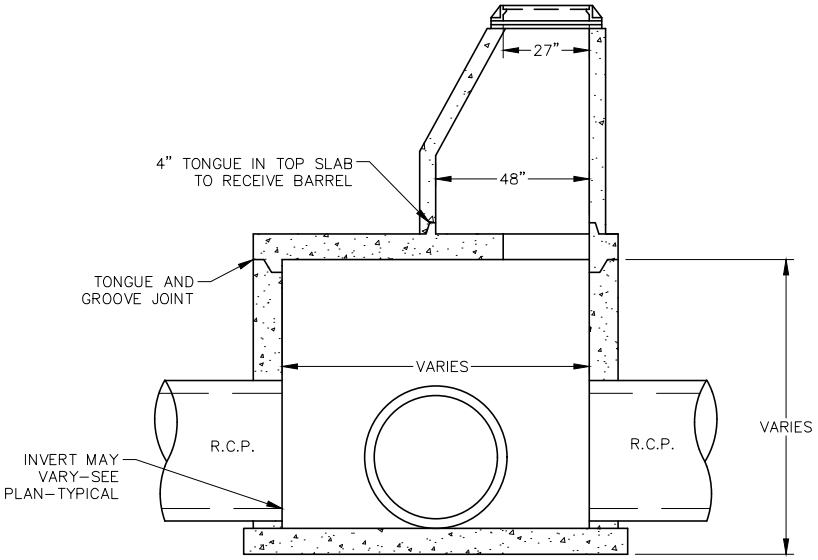
JUNCTION STORM SEWER MANHOLE

NO SCALE

JUNCTION STORM SEWER MANHOLE		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 3	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\KindredStormDetails-PSS.dwg





SECTION A–A

NOTES:
1. PRECAST MANUFACTURER TO VERIFY STRUCTURAL INTEGRITY OF STRUCTURE, I.E. PROVIDE THICKNESSES, REBAR DESIGN, ETC. TO COMPLY WITH CURRENT AASHTO AND ACI CODES.

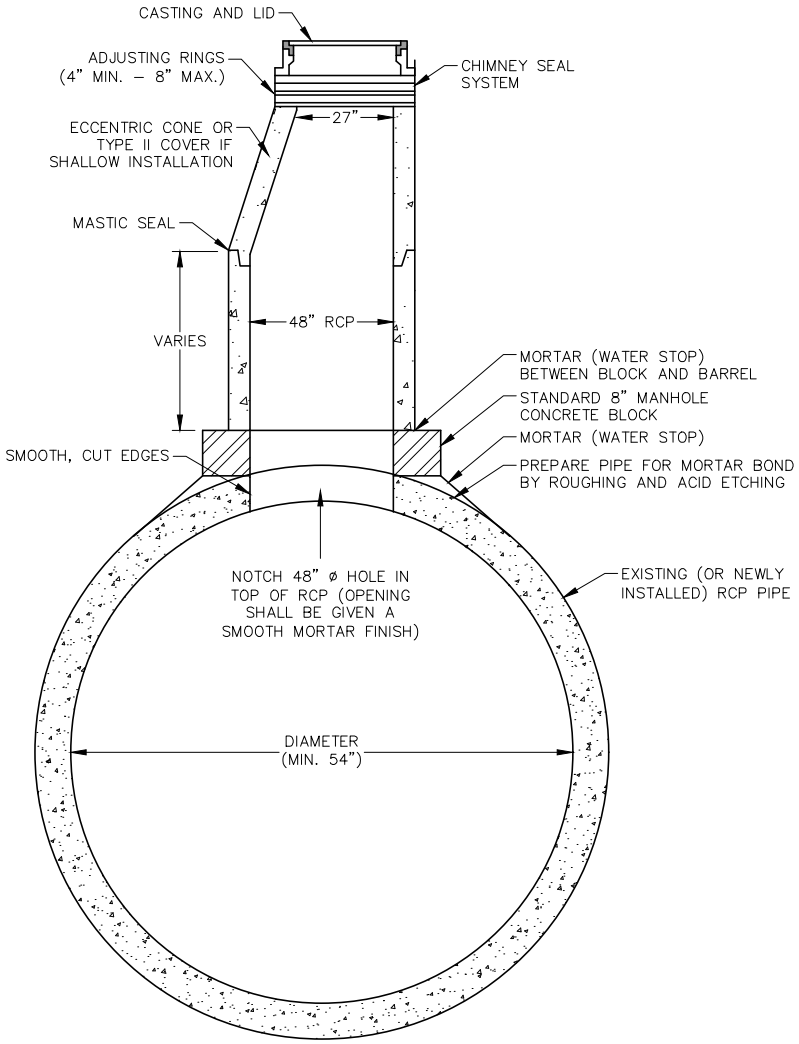
2. SEE MANHOLE DETAIL FOR OTHER DETAILED INFORMATION.

MULTI-MANHOLE

NO SCALE

MULTI-MANHOLE		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 4	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\KindredStormDetails-PSS.dwg

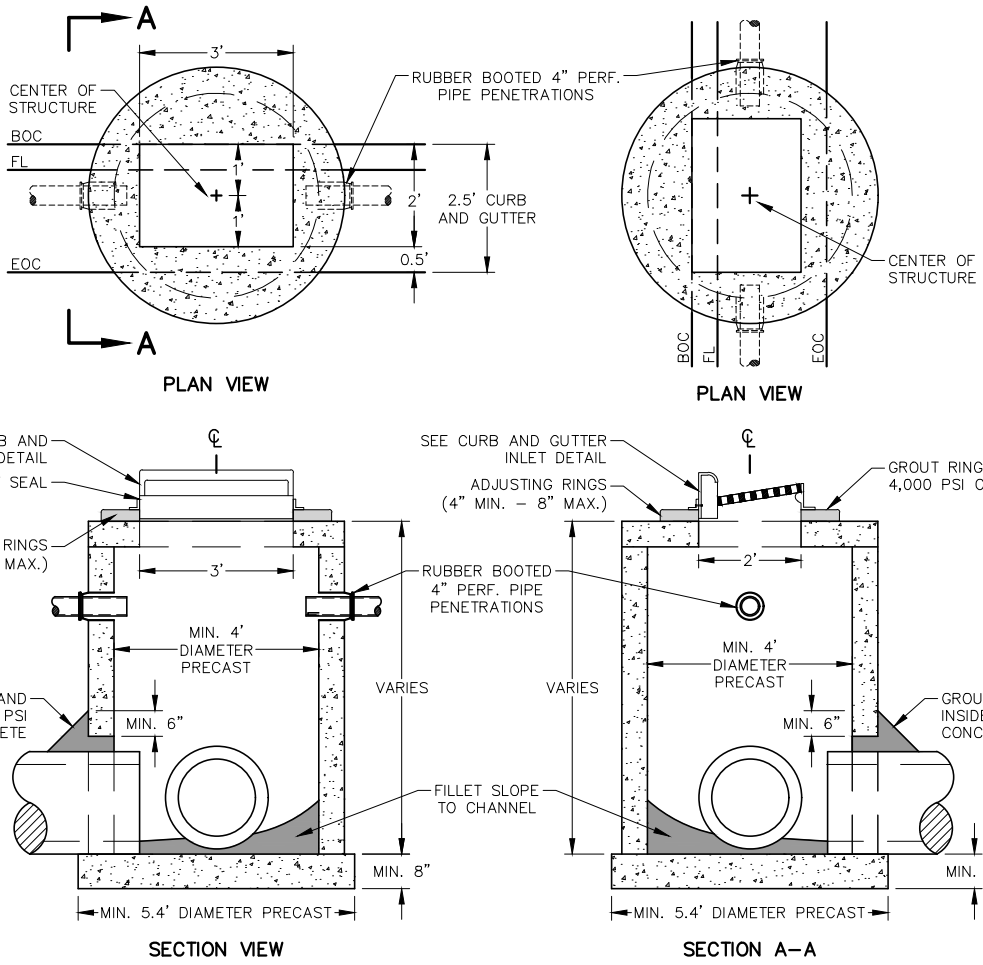


STORM SEWER
STRUCTURE - MANHOLE - SADDLE TEE

NO SCALE

STORM SEWER STRUCTURE - MANHOLE - SADDLE TEE		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 5	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\KindredStormDetails-PSS.dwg

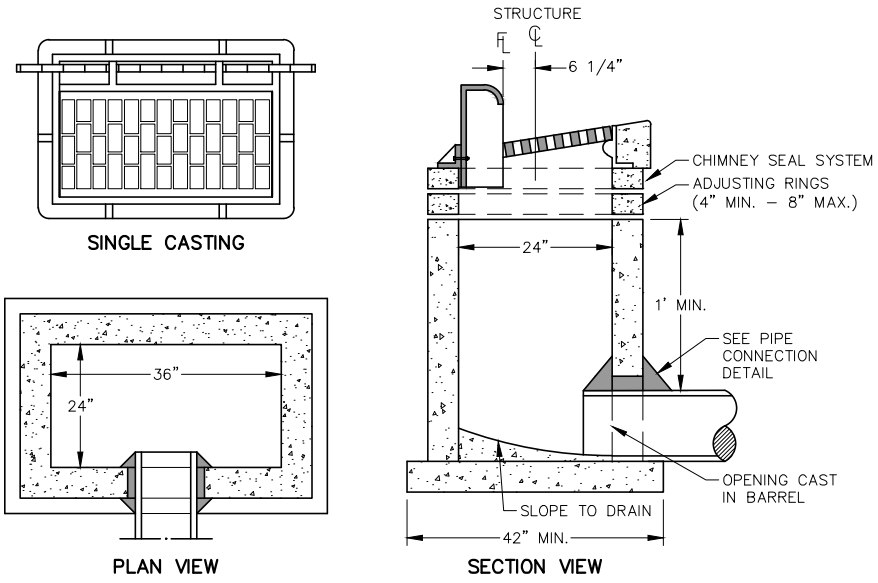


STORM SEWER STRUCTURE - MANHOLE - WITH INLET CASTING

NO SCALE

STORM SEWER MANHOLE - WITH INLET CASTING		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 6	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\KindredStormDetails-PSS.dwg



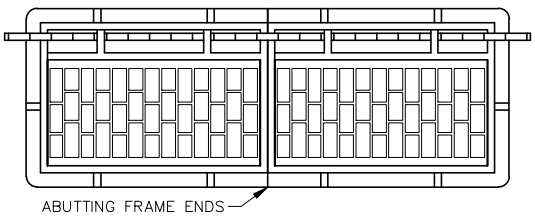
NOTES:
1. PROVIDE RUBBER BOOT WITH STAINLESS STEEL CLAMP FOR ALL DRAIN TILE CONNECTIONS IF APPLICABLE.
2. SEE CURB AND GUTTER DETAIL FOR CASTING PLACEMENT.

STORM SEWER STRUCTURE - CATCH BASIN - 2' x 3'

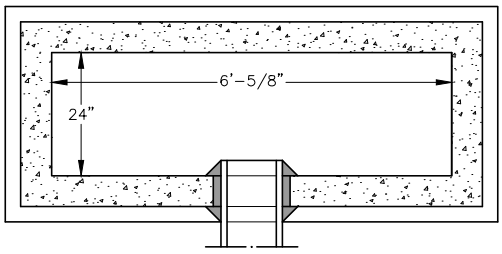
NO SCALE

STORM SEWER STRUCTURE - CATCH BASIN - 2'X3'		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 7	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

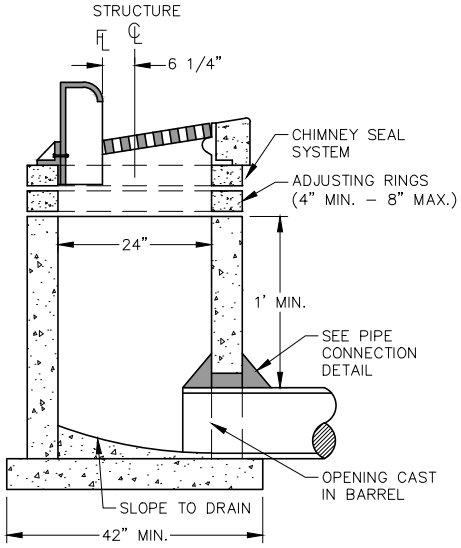
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DOUBLE CASTING



PLAN VIEW



SECTION VIEW

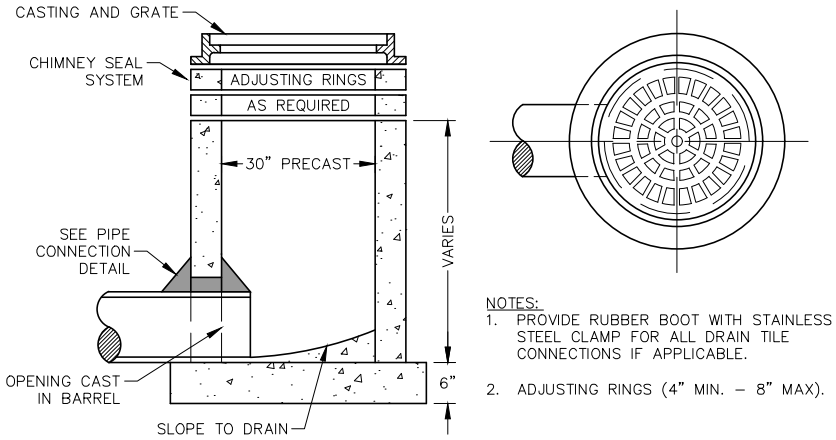
NOTES:
1. PROVIDE RUBBER BOOT WITH STAINLESS STEEL CLAMP FOR ALL DRAIN TILE CONNECTIONS IF APPLICABLE.
2. SEE CURB AND GUTTER DETAIL FOR CASTING PLACEMENT.

STORM SEWER STRUCTURE - CATCH BASIN - 2' x 6'

NO SCALE

STORM SEWER STRUCTURE - CATCH BASIN - 2'X6'		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 8	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

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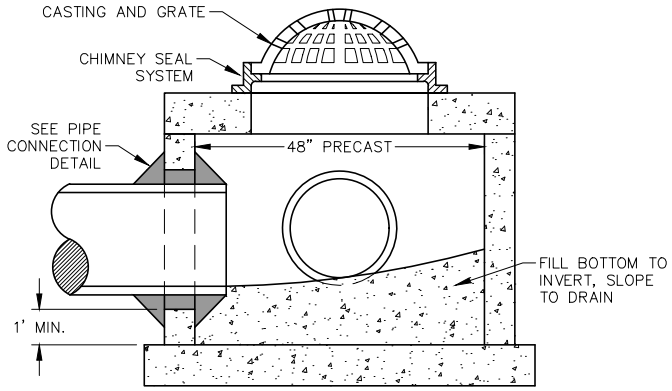


STORM SEWER STRUCTURE - CATCH BASIN - 30"

NO SCALE

STORM SEWER STRUCTURE - CATCH BASIN - 30"		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 9	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

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STORM SEWER STRUCTURE - CATCH BASIN - SHALLOW 48"

NO SCALE

STORM SEWER CATCH BASIN - SHALLOW 48"		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 330561	DRAWING No. 10	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\KindredStormDetails-PSS.dwg