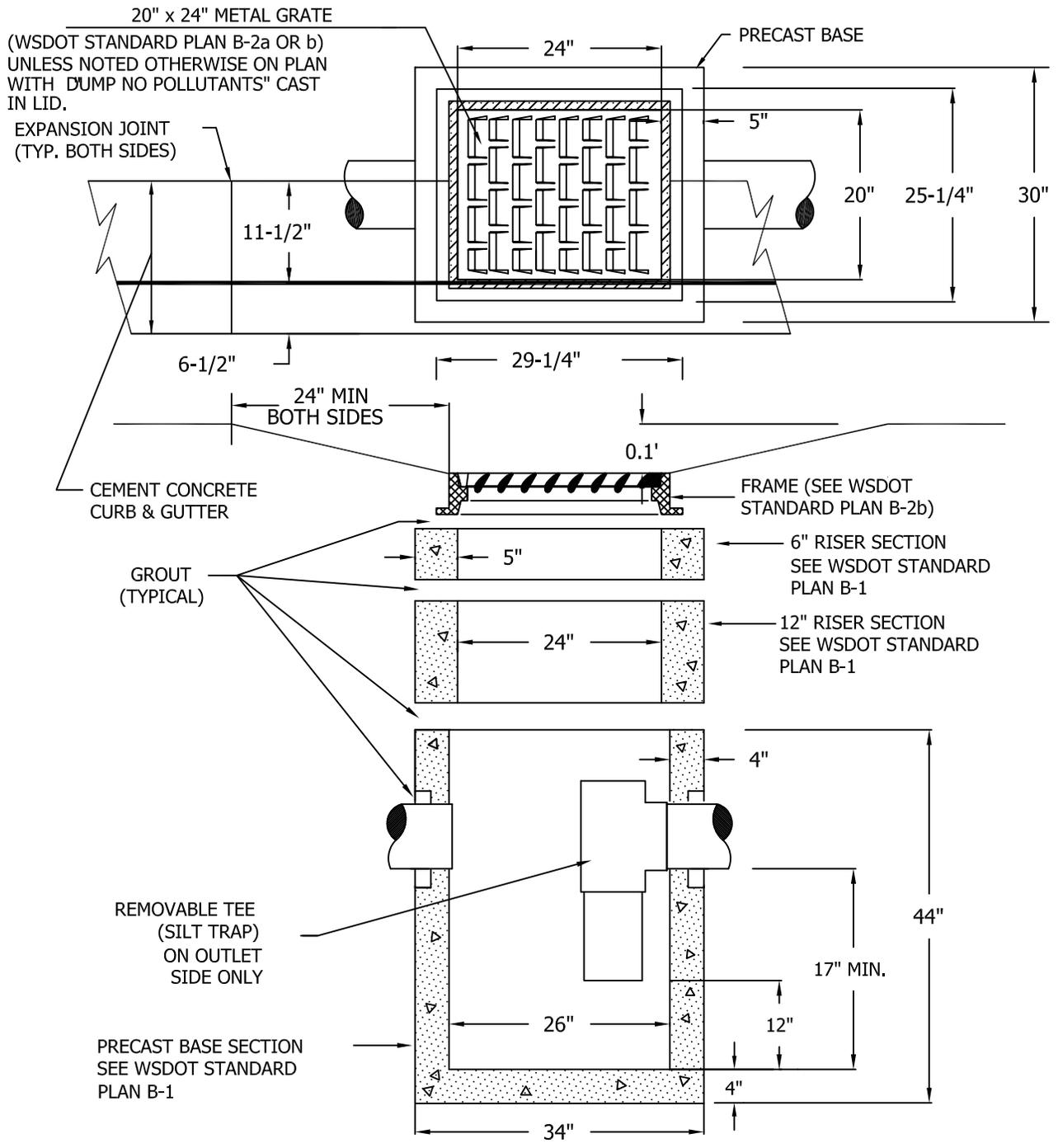


GENERAL NOTES (STORM DRAIN CONSTRUCTION)

1. All workmanship and materials shall be in accordance with City of Blaine standards and the most current copy of the State of Washington Standard Specifications for Road, Bridge and Municipal Construction (WSDOT/APWA).
2. Temporary erosion/water pollution measures shall be required in accordance with Section 1-07.15 of the Standard Specifications and the STORMWATER MANAGEMENT MANUAL FOR THE PUGET SOUND BASIN (The Technical Manual)
3. Comply with all other permits and other requirements by the City of Blaine or other governing authority or agency.
4. A preconstruction meeting shall be held with the City of Blaine, Engineering Department prior to the start of construction.
5. All storm mains and retention/detention areas shall be staked for grade and alignment by an engineering or surveying firm capable of performing such work.
6. Storm drain pipe shall meet the following requirements:
  - A. Plain concrete pipe conforming to the requirements of AASHTO M 86, Class 2.
  - B. Reinforced concrete pipe conforming to the requirements of AASHTO M 170.
  - C. PVC pipe conforming to ASTM D 3034 SDR 35 or ASTM F 789 with joints and gaskets conforming to ASTM D 3212 and ASTM F477.
  - D. Ductile iron pipe conforming to the requirements of AWWA C 151 thickness class as shown on the plans.
  - E. Polyethylene smooth wall pipe per Advanced Drainage Systems (ADS) N- 12 constructed per WSDOT/APWA Standard Specifications 7-04.
7. Special structures, oil/water separators and outlet controls shall be installed per plans and manufacturers recommendations.
8. Provide traffic control plan(s) as required in accordance with MUTCD.
9. Call underground locate line 1-800-424-5555, OR 811, a minimum of 48 hours prior to any excavations.

					<b>STORM DRAIN CONSTRUCTION GENERAL NOTES</b>			<b>CITY OF BLAINE PUBLIC WORKS DEPARTMENT</b>			
					SIZE	PREV. DWG NO.	PUBLIC WORKS DRAWING NUMBER				
					A		3-1				
					SCALE	NONE	SHEET	OF	REV. NO.		
0	updated	tmc									
NO.	REVISION DESCRIPTION	PREP'D BY	DATE	APPROVED							



**NOTE:**

1. CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS IN WSDOT STANDARD PLAN B-1.
2. SEE DETAIL 7-3 FOR PAD REQUIREMENTS.
3. W.S.D.O.T. GRATE B-2C IS FOR USE IN SAGS.

NO.	REVISION DESCRIPTION	PREP'D BY	DATE	APPROVED

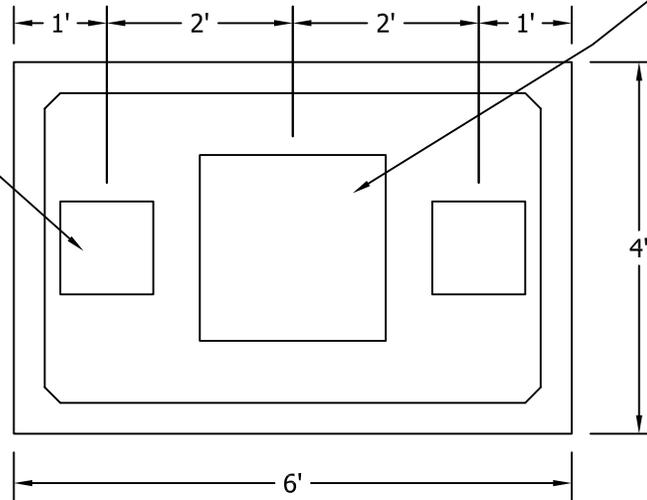
**SILT TRAP TEE AND DEPRESSION DETAIL FOR CATCH BASIN**

<b>CITY OF BLAINE</b>			
<b>PUBLIC WORKS DEPARTMENT</b>			
SIZE <b>A</b>	PREV. DWG NO.	PUBLIC WORKS DRAWING NUMBER <b>3-2</b>	
SCALE <i>NONE</i>	SHEET	OF	REV. NO.

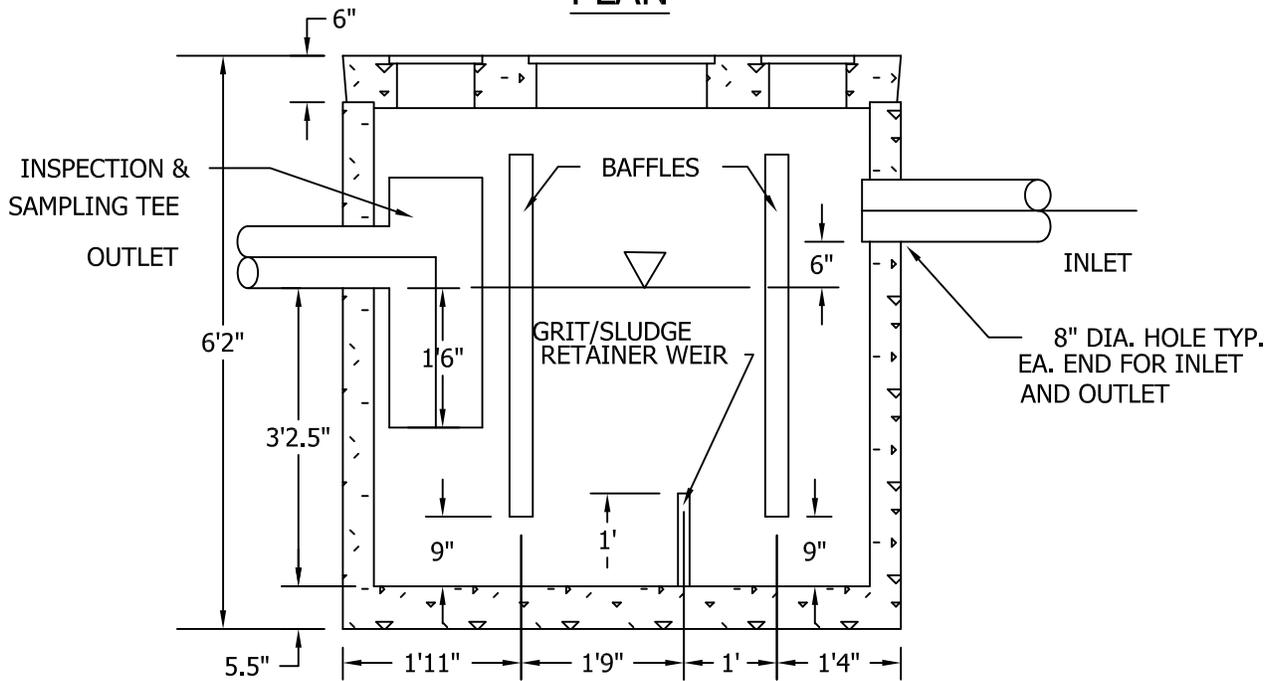


2 NO. 1012P  
DIAMOND PLATE  
INSPECTION COVERS  
(12" X 12")

NO. 222P DIAMOND  
PLATE ACCESS DOOR  
(24" X 24")



**PLAN**



**ELEVATION**

**NOTES**

1. UTILITY VAULT COMPANY, INC., #660-SA, OR EQUAL
2. LOCATE WITHIN 20 FEET OF DRIVE FOR ACCESS BY MAINTENANCE VEHICLE.
3. INSPECTION AND SAMPLING TEE TO BE INSTALLED BY CONTRACTOR. LINE-SIZED P.V.C. PIPE SHALL BE USED.
4. FILL WITH CLEAN WATER PRIOR TO START-UP OF SYSTEM.

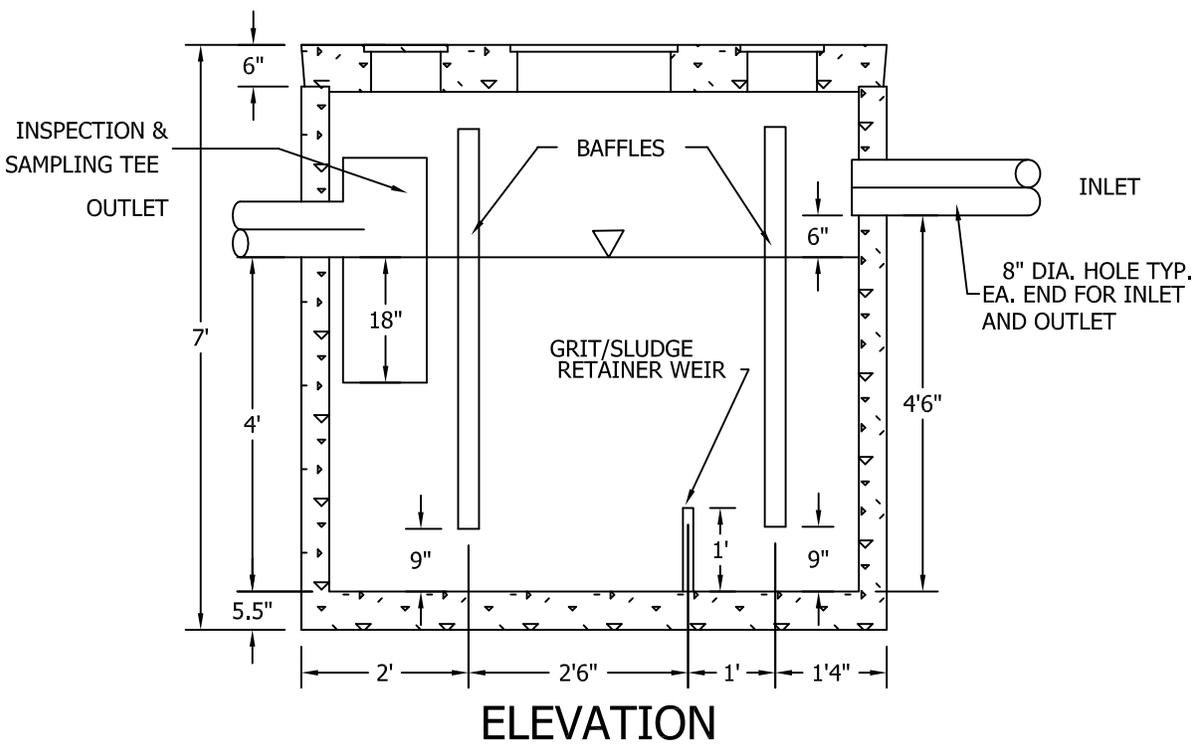
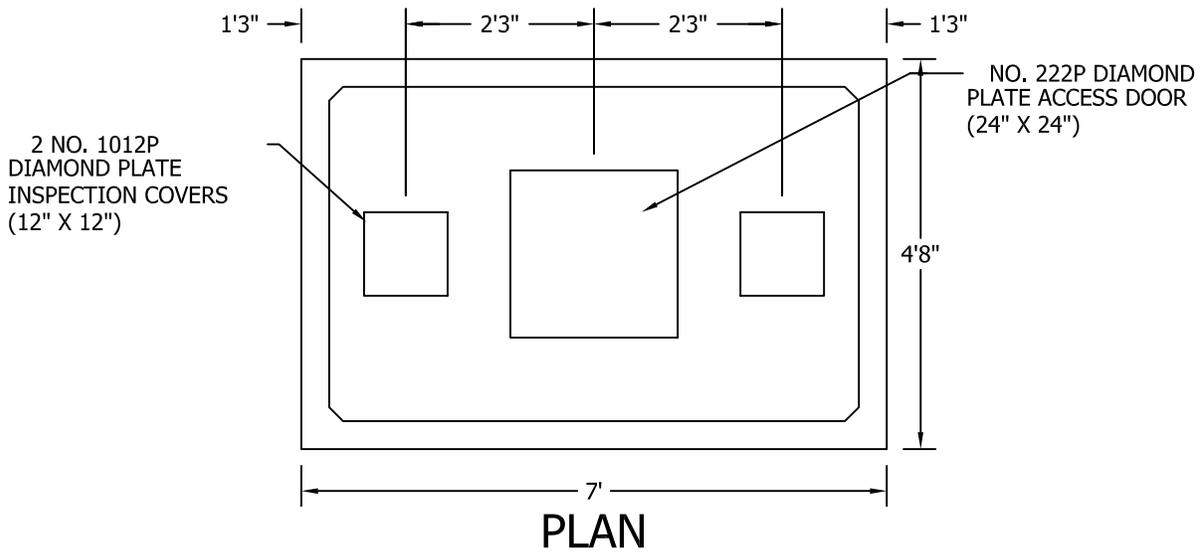
NO.	REVISION DESCRIPTION	PREP'D BY	DATE	APPROVED

**450 GALLON BAFFLE  
TYPE OIL/WATER  
SEPERATOR**

**CITY OF BLAINE  
PUBLIC WORKS DEPARTMENT**

SIZE <b>A</b>	PREV. DWG NO.	PUBLIC WORKS DRAWING NUMBER <b>3-3</b>
SCALE <i>NONE</i>	SHEET <b>3-3</b>	OF <b>3-3</b>
		REV. NO.





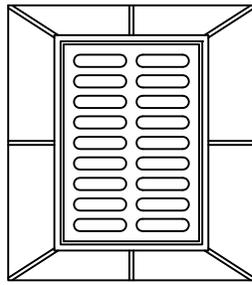
- NOTES**
1. UTILITY VAULT COMPANY, INC., #577-SA, OR EQUAL
  2. LOCATE WITHIN 20 FEET OF DRIVE FOR ACCESS BY MAINTENANCE VEHICLE.
  3. INSPECTION AND SAMPLING TEE TO BE INSTALLED BY CONTRACTOR. LINE-SIZED P.V.C. PIPE SHALL BE USED.
  4. FILL WITH CLEAN WATER PRIOR TO START-UP OF SYSTEM.

NO.	REVISION DESCRIPTION	PREP'D BY	DATE	APPROVED

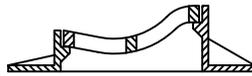
**800 GALLON BAFFLE  
TYPE OIL/WATER  
SEPERATOR**

<b>CITY OF BLAINE PUBLIC WORKS DEPARTMENT</b>			
SIZE <b>A</b>	PREV. DWG. NO.	PUBLIC WORKS DRAWING NUMBER <b>3-4</b>	
SCALE <i>NONE</i>	SHEET	OF	REV. NO.





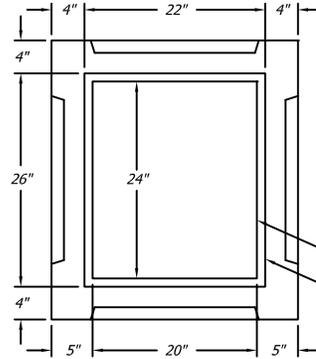
PLAN VIEW



SECTION VIEW

**FRAME & GRATE**

(NOT TO SCALE)



MAXIMUM KNOCKOUT TO BE 20" DIAMETER

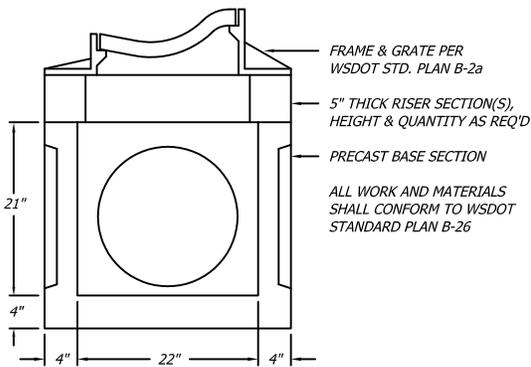
2" MIN WALL THICKNESS AT KNOCKOUTS

EDGE OF RISER SECTION

EDGE OF PRECAST BASE SECTION

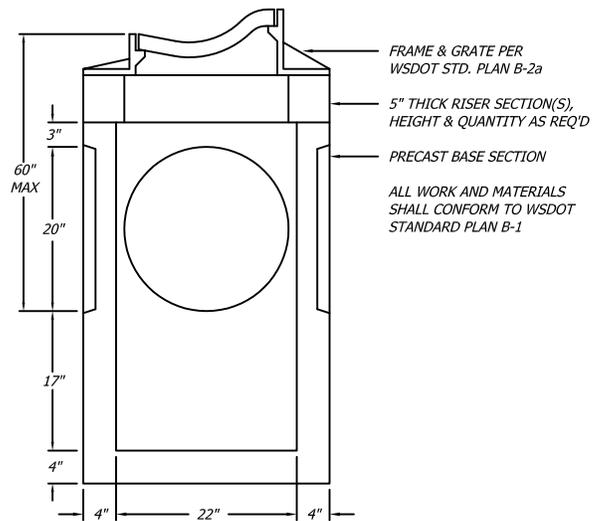
**CONCRETE INLET  
TYPE I CATCHBASIN  
PLAN VIEW**

(NOT TO SCALE)



**CONCRETE INLET**

(NOT TO SCALE)



**TYPE I CATCHBASIN**

(NOT TO SCALE)

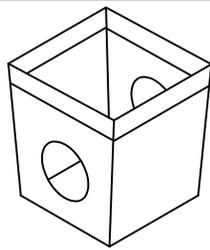
NO.	REVISION DESCRIPTION	PREP'D BY	DATE	APPROVED

**TYPE 1 CATCH BASIN  
CONCRETE INLET,  
FRAME & GRATE**

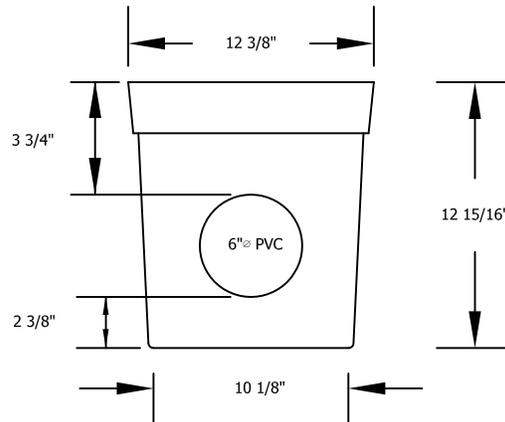
**CITY OF BLAINE  
PUBLIC WORKS DEPARTMENT**

SIZE <b>A</b>	PREV. DWG NO.	PUBLIC WORKS DRAWING NUMBER <b>3-5</b>
SCALE <i>NONE</i>	SHEET OF	REV. NO.





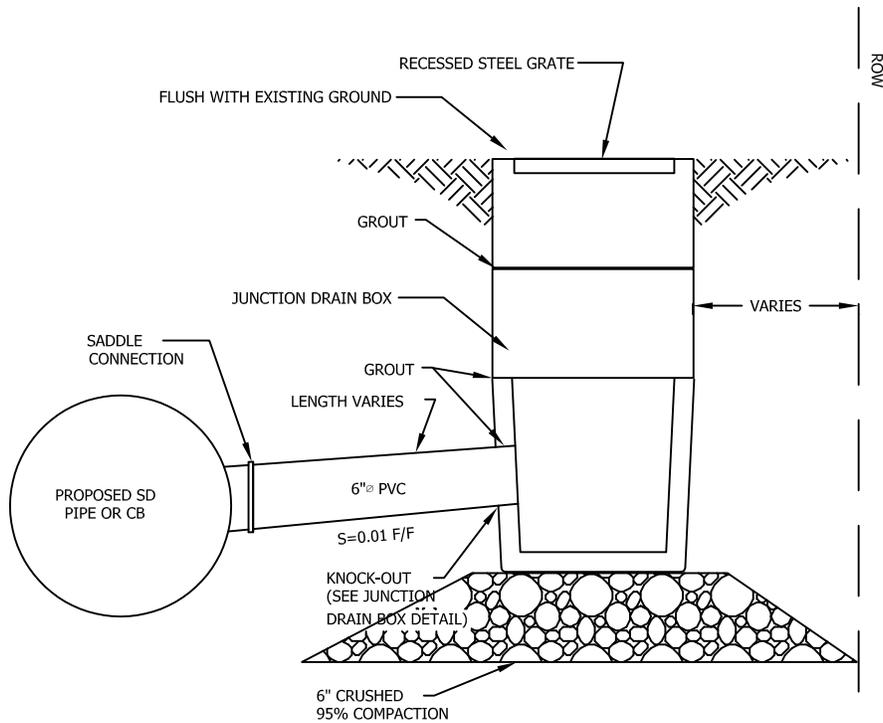
NOTE: PROVIDE RISER SECTIONS FOR 2' MIN. COVER  
 PROVIDE GRATE COVER TO ALLOW OVERLAND DRAINAGE  
 SLOPE FROM J-BOX TO SADDLE TO BE 2%



SPECIFICATION: NDS #1200,12003,12004, 12"x12" TAPERED CB OR EQUAL

## JUNCTION DRAIN BOX DETAIL

NTS



## JUNCTION DRAIN BOX CONNECTION DETAIL

NTS

0	updated	tmc		
NO.	REVISION DESCRIPTION	PREP'D BY	DATE	APPROVED

**RESIDENTIAL  
 STORM DRAIN  
 DETAIL**

**CITY OF BLAINE  
 PUBLIC WORKS DEPARTMENT**

SIZE <b>A</b>	PREV. DWG NO.	PUBLIC WORKS DRAWING NUMBER <b>3-6</b>
SCALE <i>NONE</i>	SHEET OF	REV. NO.

