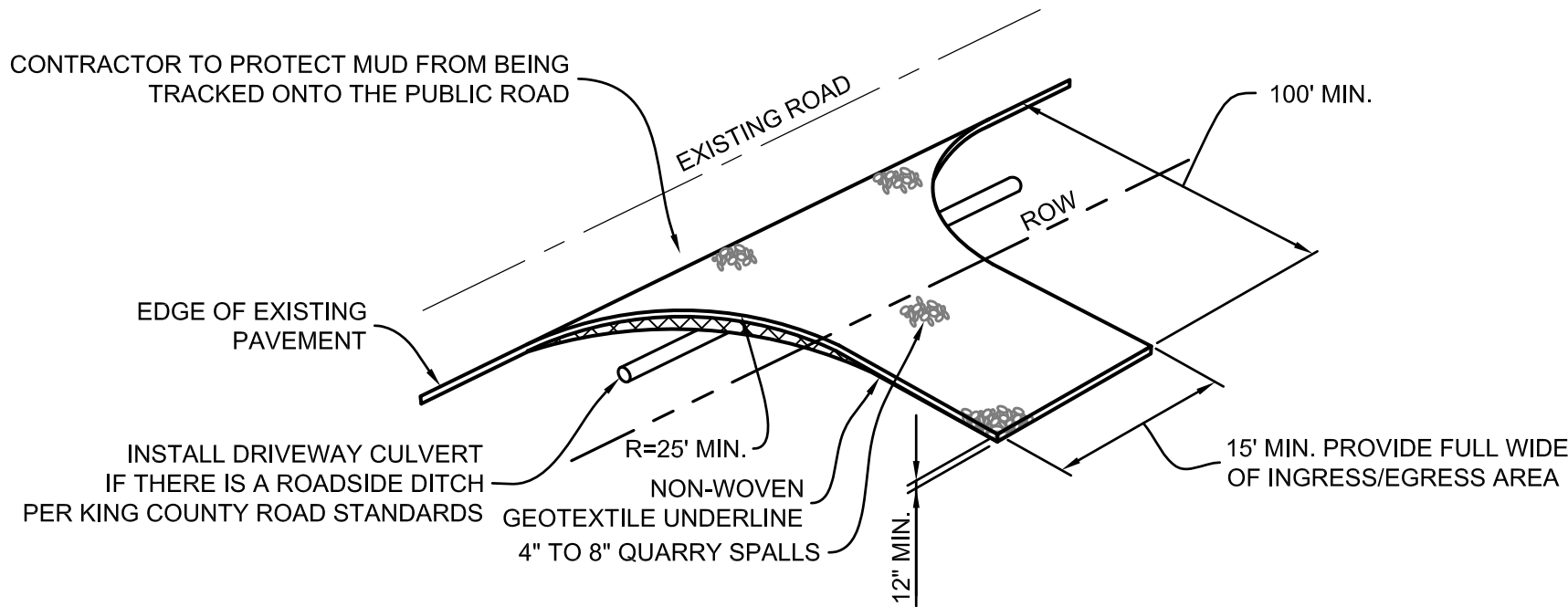
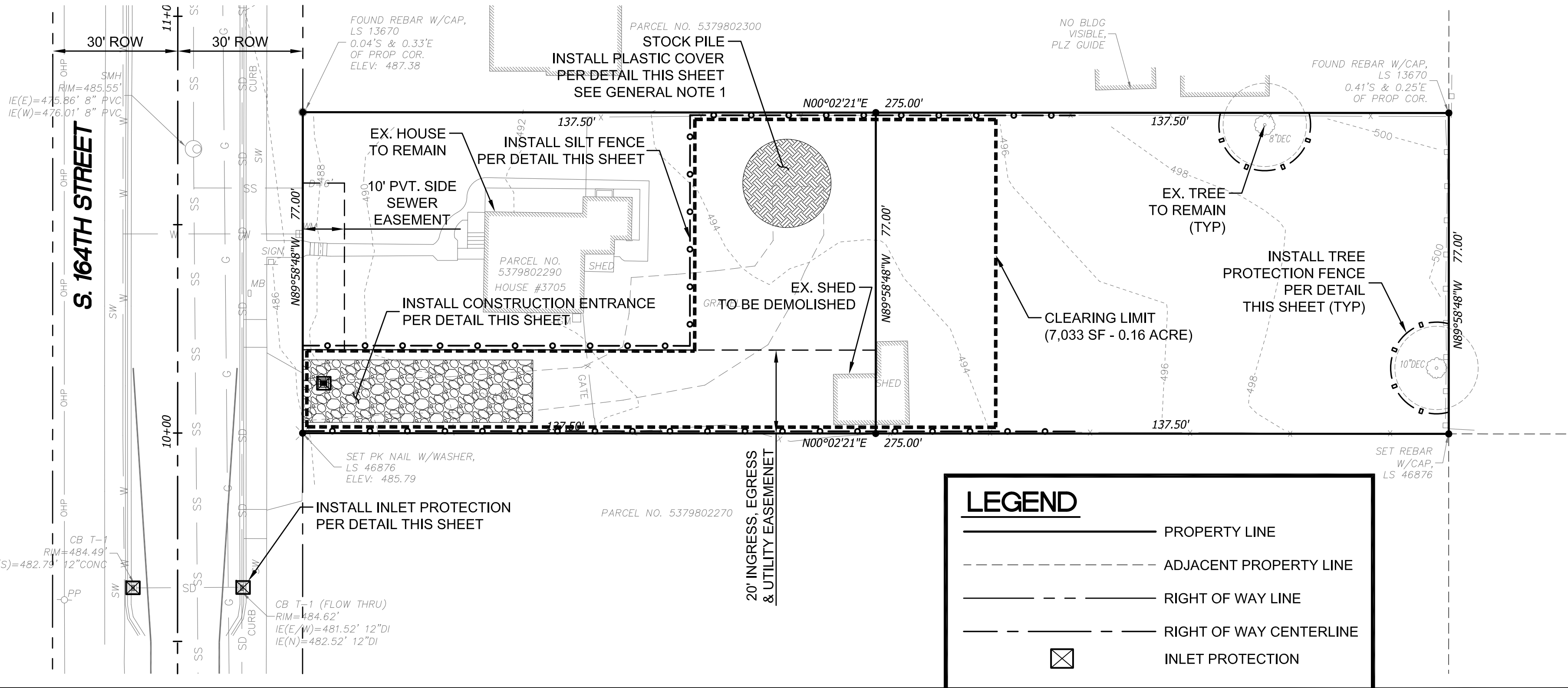
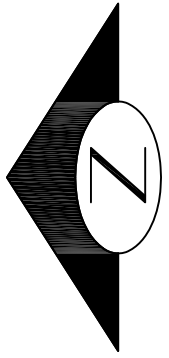


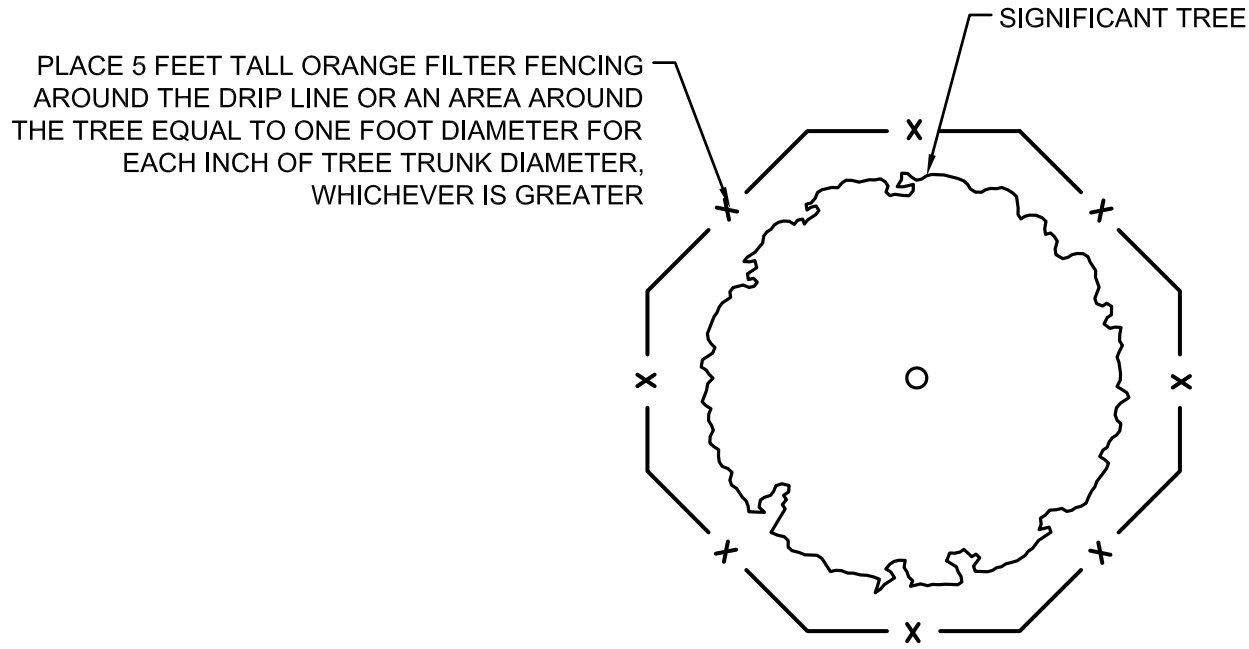


Jul 21, 2020 -- 3:48pm Han Phou L:\Working\18575 -- 3705 S 164th Street (SANMOHAN Short Plat)\CADD\Drawings\18575-PS-EC1.dwg Layout Name: Layout1



**NOTES:**  
IT IS RECOMMENDED THAT THE ENTRANCE BE CROWNED SO THAT RUNOFF DRAINS OFF THE ROAD.

**CONSTRUCTION ENTRANCE DETAIL** ③  
PER 2016 KCSWDM FIGURE C.3.1.A  
SCALE: NONE



**TREE PROTECTION FENCING DETAIL** ⑤  
SCALE: NONE

**GENERAL NOTE:**

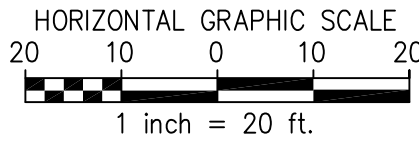
1. STOCKPILE WILL BE REMOVED PRIOR TO PERMIT SIGN OFF.

**EARTHWORK VOLUME ESTIMATES:**

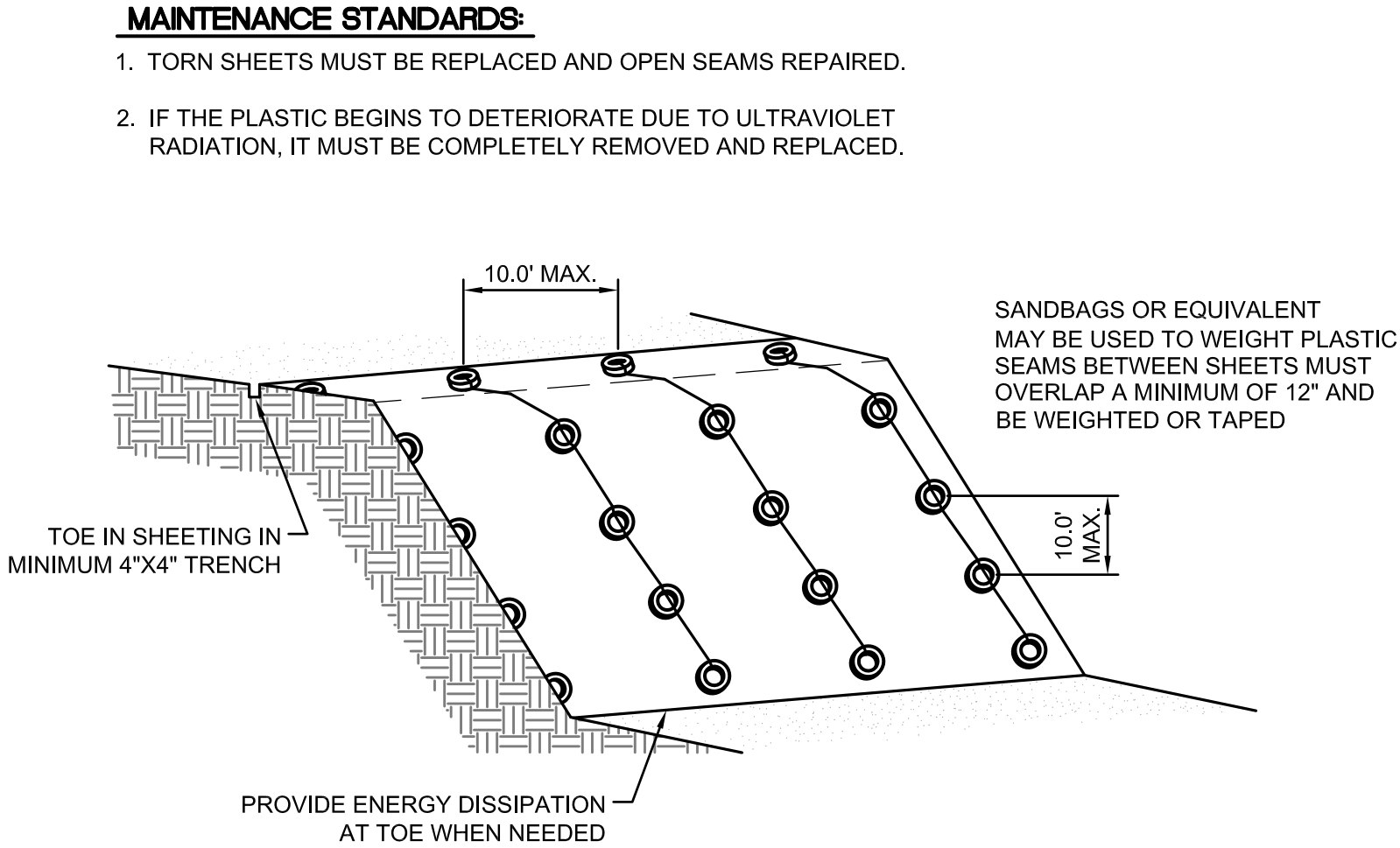
LOCATION	CUT (CY)	FILL (CY)
SITE	20	20



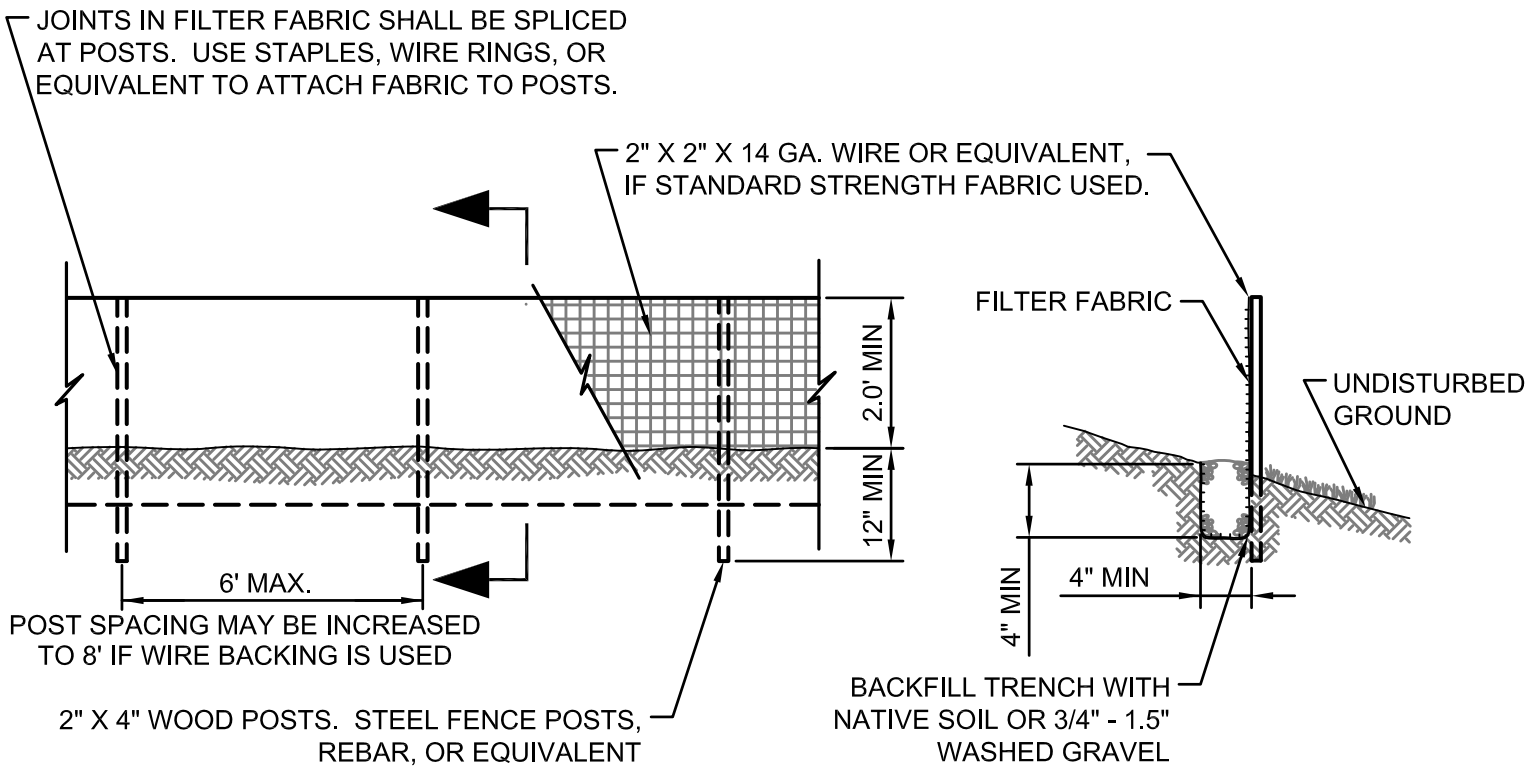
Know what's below.  
Call before you dig.



- MAINTENANCE STANDARDS:**
1. QUARRY SPALLS SHALL BE ADDED IF THE PAD IS NO LONGER IN ACCORDANCE WITH THE SPECIFICATIONS.
  2. IF THE ENTRANCE IS NOT PREVENTING SEDIMENT FROM BEGIN TRACTED ONTO PAVEMENT, THEN ALTERNATIVE MEASURES TO KEEP THE STREETS FREE OF SEDIMENT SHALL BE USED. THIS MAY INCLUDE STREET SWEEPING, AN INCREASE IN THE DIMENSIONS OF THE ENTRANCE, OR THE INSTALLATION OF A WHEEL WASH. IF WASHING IS USED, IT SHALL BE DONE ON THE AREA COVERED WITH CRUSHED ROCK, AND WASH WATER SHALL DRAIN TO A SEDIMENT TRAP OR POND.
  3. ANY SEDIMENT THAT IS TRACKED ONTO PAVEMENT SHALL BE REMOVED IMMEDIATELY BY SWEEPING. THE SEDIMENT COLLECTED BY SWEEPING SHALL BE REMOVED OR STABILIZED ON SITE. THE PAVEMENT SHALL NOT BE CLEANED BY WASHING DOWN THE STREET, EXCEPT WHEN SWEEPING IS INEFFECTIVE AND THERE IS A THREAT TO PUBLIC SAFETY. IF IT IS NECESSARY TO WASH THE STREETS, A SMALL SUMP MUST BE CONSTRUCTED. THE SEDIMENT WOULD THEN BE WASHED INTO THE SUMP WHERE IT CAN BE CONTROLLED. WASH WATER MUST BE PUMPED BACK ONTO THE SITE AND CANNOT DISCHARGE TO SYSTEM TRIBUTARY TO SURFACE WATERS.
  4. ANY QUARRY SPALLS THAT ARE LOOSENEED FROM THE PAD AND END UP ON THE ROADWAY SHALL BE REMOVED IMMEDIATELY.
  5. IF VEHICLES ARE ENTERING OR EXITING THE SITE AT POINTS OTHER THAT THE CONSTRUCTION ENTRANCE(S), FENCING (SECTION 5.4.1) SHALL BE INSTALLED ON CONTROL TRAFFIC.



**PLASTIC COVERING DETAIL** ④  
PER 2016 KCSWDM FIGURE C.3.4.A  
SCALE: NONE



**NOTES:**  
FILTER FABRIC FENCES SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE.

**SILT FENCE DETAIL** ①  
PER 2016 KCSWDM FIGURE C.3.6.A  
SCALE: NONE

**DESIGN AND INSTALLATION SPECIFICATIONS:**

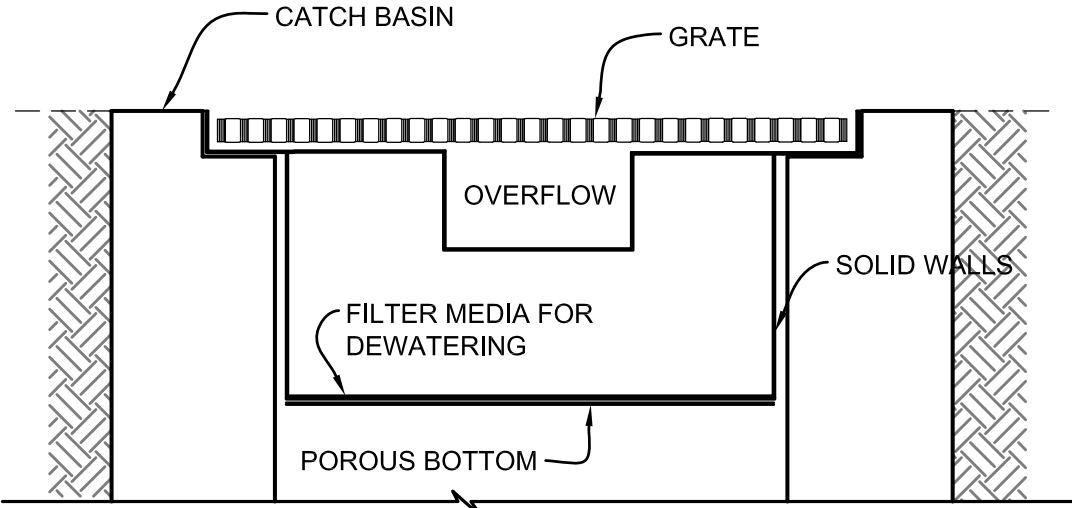
1. THE GEOTEXTILE USED MUST MEET THE STANDARDS LISTED BELOW. A COPY OF THE MANUFACTURER'S FABRIC SPECIFICATIONS MUST BE AVAILABLE ON SITE.  
  
ADS (ASTM D-4751) = 30-100 SIEVE SIZE (0.60-0.15mm) FOR SLIT FILM  
50-100 SIEVE SIZE (0.30-0.15mm) FOR OTHER FABRICS  
  
WATER PERMITTIVITY (ASTM D-4491) = 0.02 SEC<sup>-1</sup> MIN.  
  
GRAB TENSILE STRENGTH (ASTM D-4632) = 180 LBS MIN. FOR EXTRA STRENGTH FABRIC  
100 LBS MIN. FOR STANDARD STRENGTH FABRIC  
  
GRAB TENSILE ELONGATION (ASTM D-4632)= 30% MAX.  
  
ULTRAVIOLET RESISTANCE (ASTM D-4355) = 70% MIN.
2. STANDARD STRENGTH FABRIC REQUIRES WIRE BACKING TO INCREASE THE STRENGTH OF THE FENCE. WIRE BACKING OR CLOSER POST SPACING MAY BE REQUIRED FOR EXTRA STRENGTH FABRIC IF FIELD PERFORMANCE WARRANT A STRONGER FENCE.
3. WHERE THE FENCE IS INSTALLED, THE SLOPE SHALL BE NO STEEPER THAN 2H:1V.

**MAINTENANCE STANDARDS:**

1. ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
2. IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT TRAP OR POND.
3. IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGNS OF THE FENCING CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE AND OR REMOVE THE TRAPPED SEDIMENT.
4. SEDIMENT MUST BE REMOVED WHEN IT IS 6\"/>

**MAINTENANCE STANDARDS:**

1. ANY SEDIMENT IN THE CATCH BASIN INSERT SHALL BE REMOVED WHEN THE SEDIMENT HAS FILLED ONE THIRD OF THE AVAILABLE STORAGE. THE FILTER MEDIA FOR THE INSERT SHALL BE CLEANED OR REPLACED AT LEAST MONTHLY.
2. REGULAR MAINTENANCE IS CRITICAL FOR CATCH BASIN PROTECTION. UNLIKE MANY FORMS OF PROTECTION THAT FAIL GRADUALLY, CATCH BASIN PROTECTION WILL FAIL SUDDENLY AND COMPLETELY IF NOT MAINTAINED PROPERLY.
3. ANY ACCUMULATED SEDIMENT ON OR AROUND INLET PROTECTION SHALL BE REMOVE IMMEDIATELY. SEDIMENT SHALL NOT BE REMOVED WITH WATER, AND ALL SEDIMENT MUST BE DISPOSED OF AS FILL ON SITE OR HAULED OFF SITE.



**NOTES:**  
THIS DETAIL IS ONLY SCHEMATIC. ANY INSERT IS ALLOWED THAT HAS A MIN. 0.5 CUBIC FEET OF STORAGE WITH THE MEANS TO DEWATER THE STORED SEDIMENT, PROVIDE AN OVERFLOW, AND CAN BE EASILY MAINTAINED.

**INLET PROTECTION DETAIL** ②  
PER 2016 KCSWDM FIGURE C.3.9.B  
SCALE: NONE

REFERENCE SHEET NO.	SHEET
EQ1	2 OF 6 SHEETS

SANMOHAN SHORT PLAT  
3705 S 164TH STREET  
SEATAC, WA 98188

**TESC PLAN AND DETAILS**

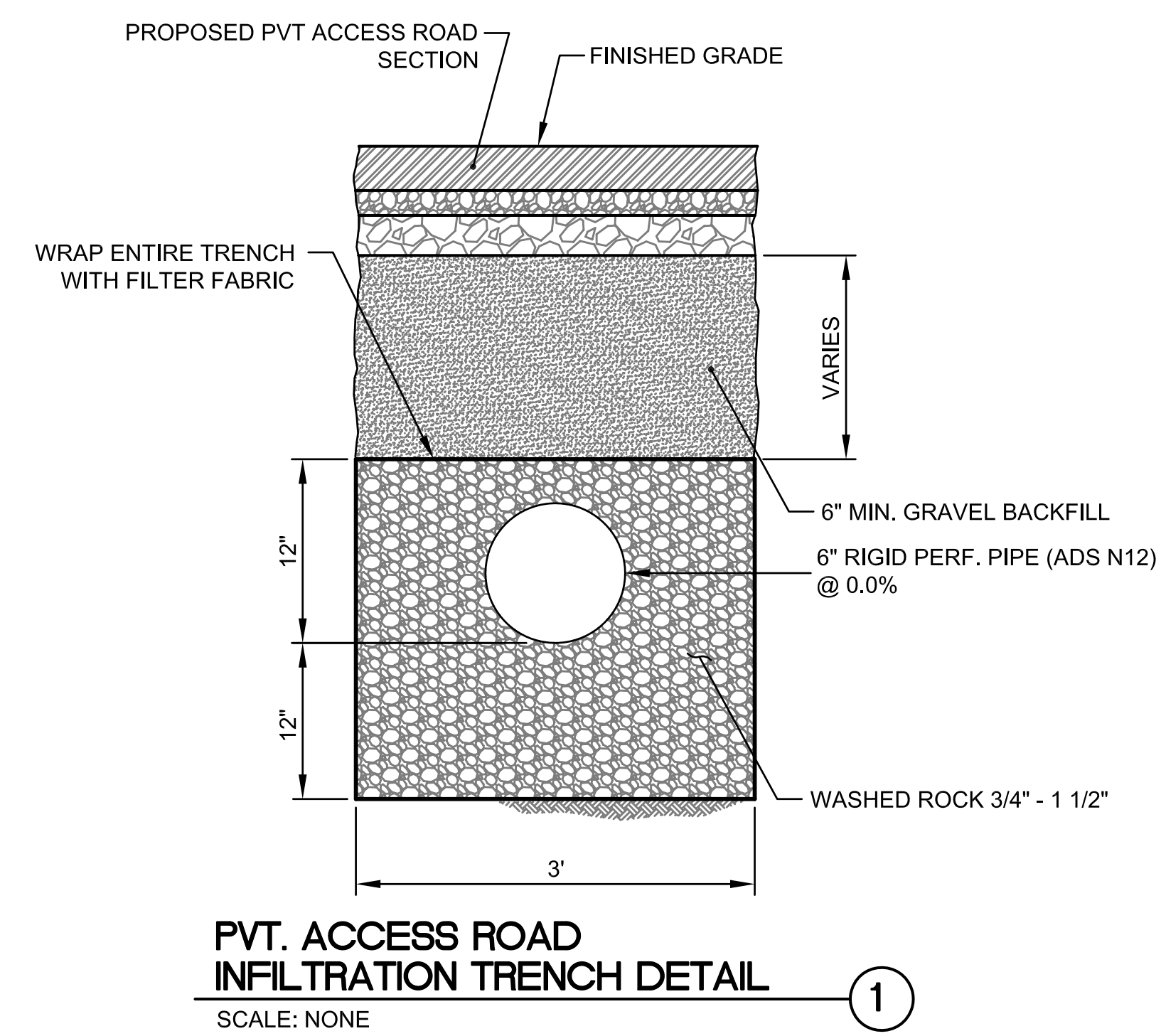


**PBC, LLC**  
Land Development and Civil Engineering Consultants  
5130 South 166th Lane  
SeaTac, WA 98188  
T (206) 229-6422


ISSUE DATE	JOB NO.
7-25-2020	R18575
DESIGNED BY:	D. TRAN
DRAWN BY:	D. TRAN
CHECKED BY:	H. H. PHAN
PROJ. MNGR:	H. H. PHAN

NO.	DATE	BY	REVISION DESCRIPTION






- ## NOTES:
1. CONTRACTOR SHALL FIELD VERIFY ALL GRADES PRIOR TO CONSTRUCTION.
  2. KEEP DRYWELL AND INFILTRATION TRENCH 5' MIN. FROM PROPERTY AND 15' MIN. FROM HOUSE FOUNDATION.
  3. FINAL DRYWELL SIZE WILL BE DETERMINED AT BUILDING PERMIT APPLICATION BASED ON THE ACTUAL BUILDING FOOTPRINT.
  4. PROVIDE 4' MINIMUM CLEARANCE AROUND MAILBOX.



**Know what's below.  
Call before you dig.**

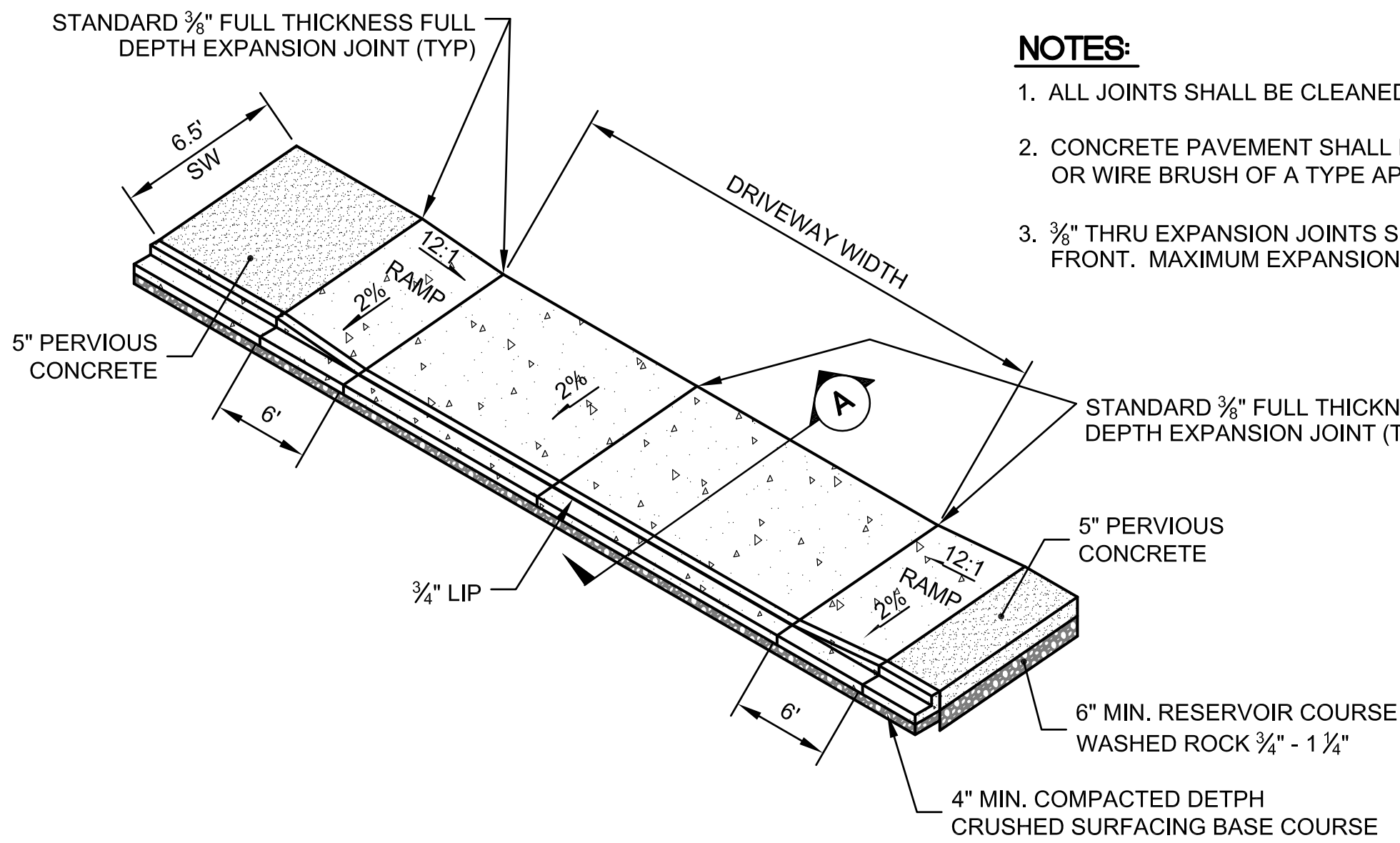
**HORIZONTAL GRAPHIC SCALE**



20 10 0 10 20

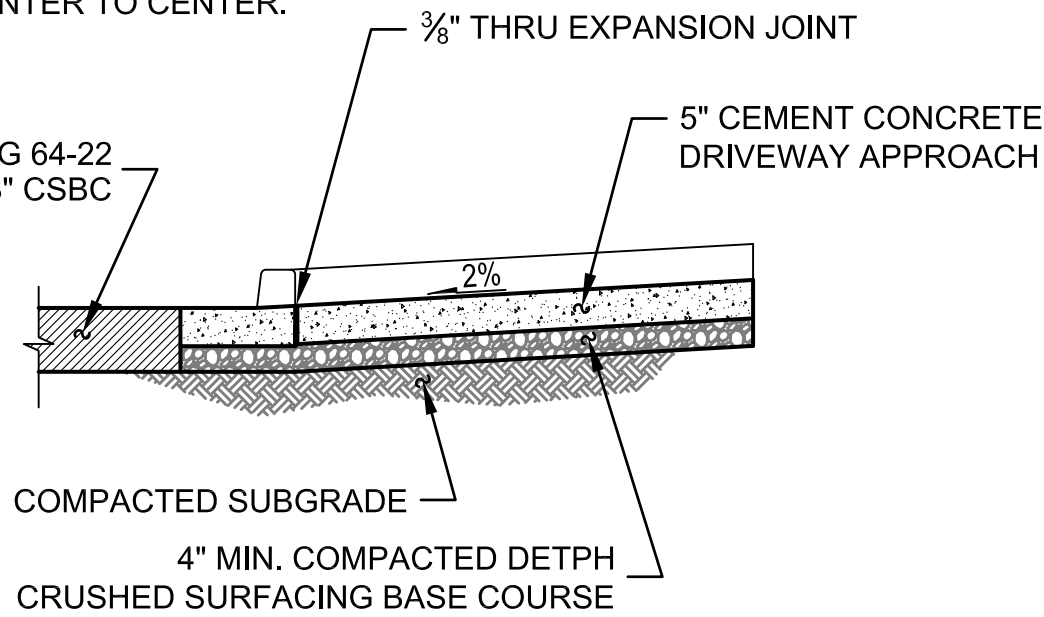
1 inch = 20 ft.

Jul 21, 2020 -- 3:51pm Han Phan L:\Working\R18575 - 3705 S 164th Street (SANMOHAN Short Plat)\CAD\Drawings\R18575-PS-DT1.dwg Layout Name: Layout1



**NOTES:**

1. ALL JOINTS SHALL BE CLEANED AND EDGED.
2. CONCRETE PAVEMENT SHALL BE BRUSHED TRANSVERSELY WITH A FIBER OR WIRE BRUSH OF A TYPE APPROVED BY THE ENGINEER.
3. 3/8" THRU EXPANSION JOINTS SHALL BE PLACED AT BACK SIDE AND FRONT. MAXIMUM EXPANSION JOINT SPACING IS 14' CENTER TO CENTER.

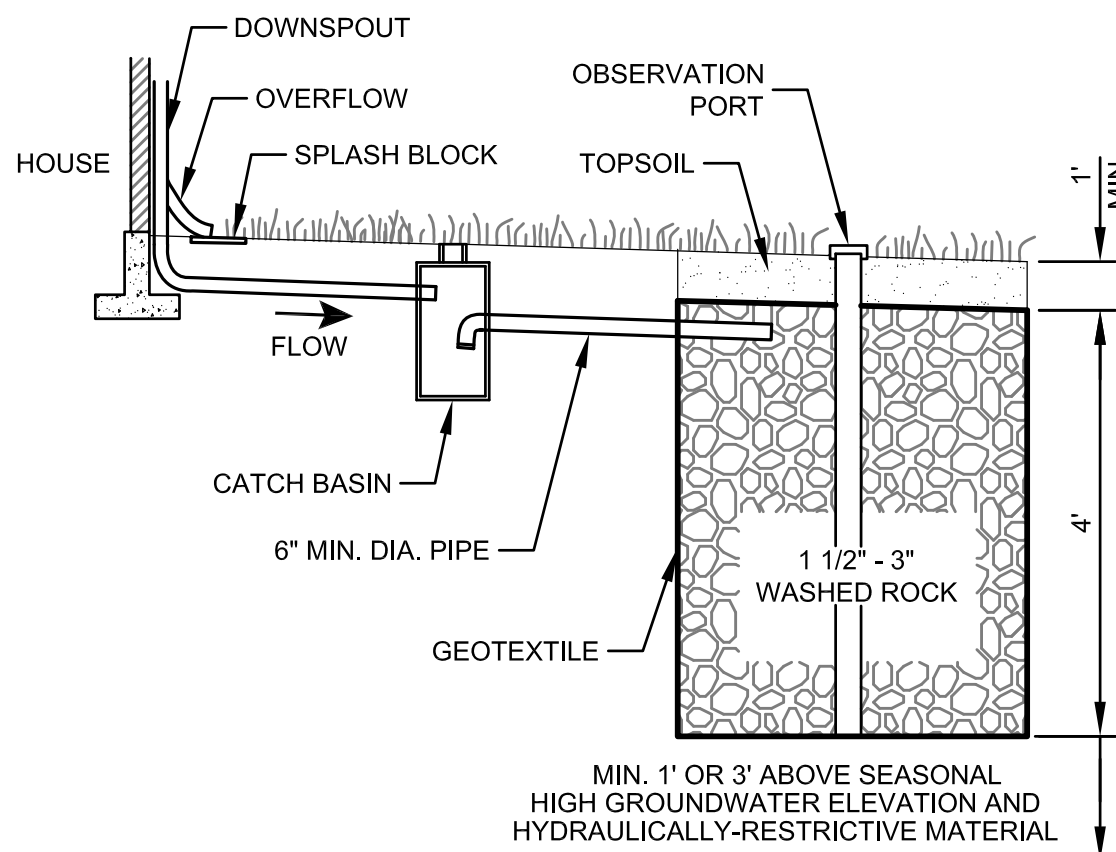
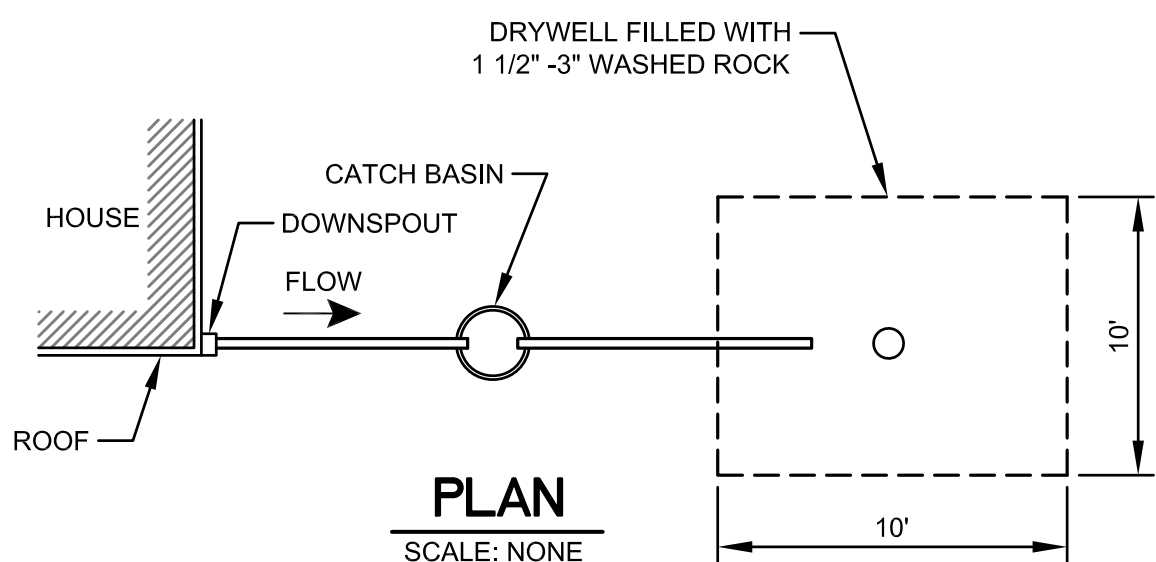


**SECTION A-A**

**RESIDENTIAL DRIVEWAY APPROACH**

PER 2016 KING COUNTY ROAD DESIGN AND CONSTRUCTION STANDARDS FIGURE 3-004  
SCALE: NONE

4



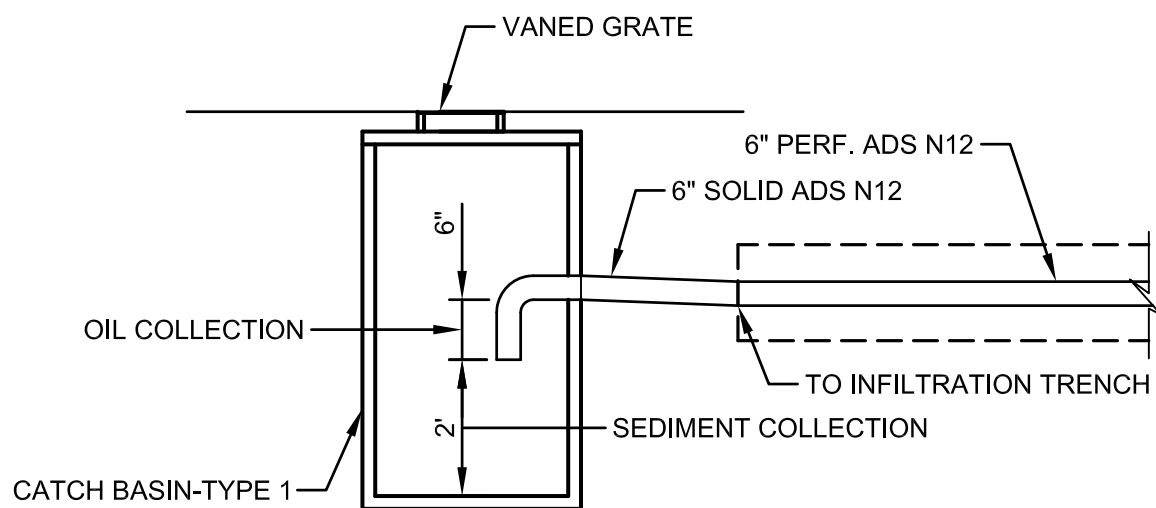
**PROFILE**

SCALE: NONE

**DRYWELL DETAIL**

SCALE: NONE

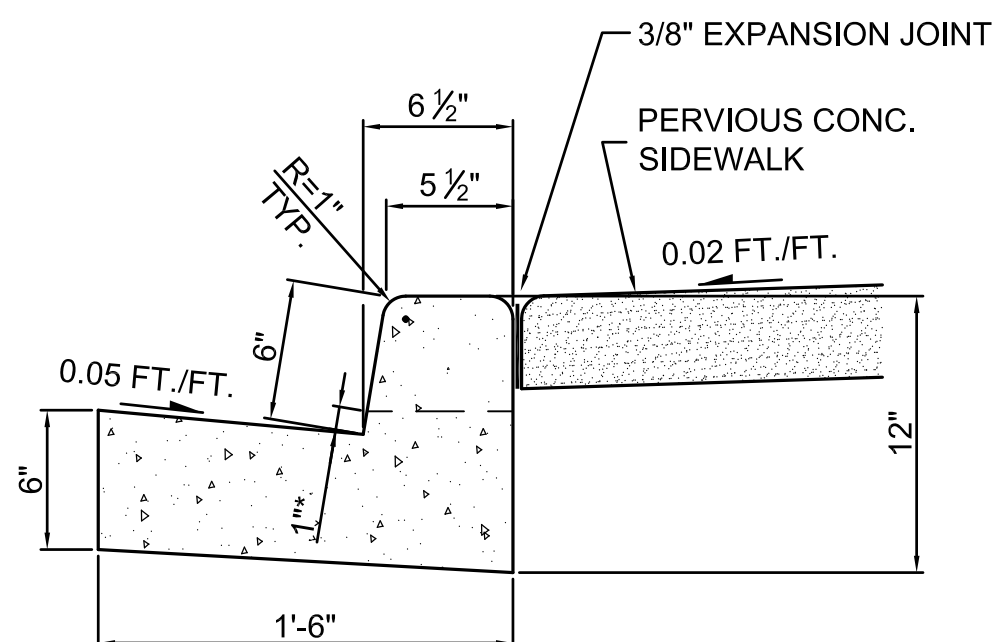
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**OIL/WATER SEPARATOR DETAIL**

SCALE: NONE

6

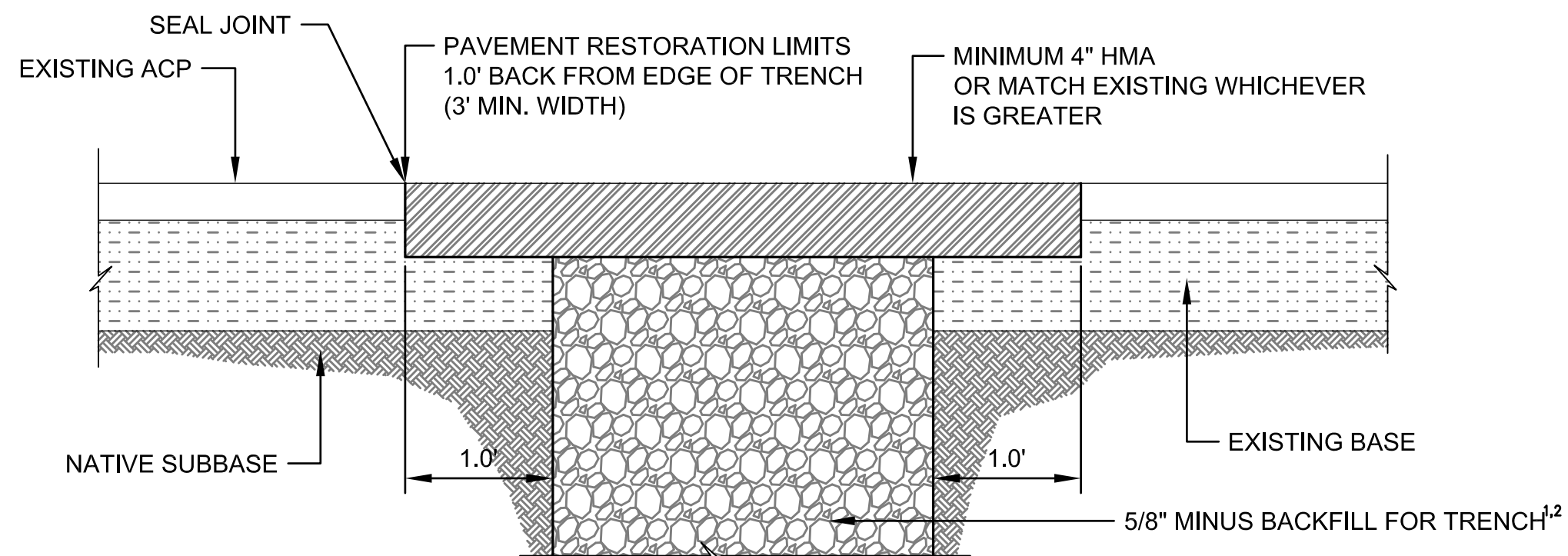


NOTE: TOP OF LIP AT DRIVEWAY APPROACH

**CEMENT CONCRETE VERTICAL CURB AND GUTTER**

PER 2016 KING COUNTY ROAD DESIGN AND CONSTRUCTION STANDARDS FIGURE 3-002  
SCALE: NONE

3



**ACP TRENCH RESTORATION**

**NOTES:**

1. FOR TRENCHES LESS THAN 18" WIDE, USE 1 1/2" CSBC WITH 95% COMPACTION.
2. FOR TRENCHES GREATER THAN 18" WIDE, ALL BACKFILL IN RIGHT-OF-WAY SHALL BE MIN. 5/8" CSTC.

**TRENCH RESTORATION**

SCALE: NONE

5

REFERENCE SHEET NO.

DT1

SHEET

4 OF

6 SHEETS

SANMOHAN SHORT PLAT  
3705 S 164TH STREET  
SEATAC, WA 98188

**SECTIOND AND DETAILS**



**PBC, LLC**

Land Development and Civil Engineering Consultants  
5130 South 166th Lane  
SeaTac, WA 98188  
T (206) 229-6422

ISSUE DATE  
7-25-2020

DESIGNED BY:  
D. TRAN

DRAWN BY:  
D. TRAN

CHECKED BY:  
H.H. PHAN

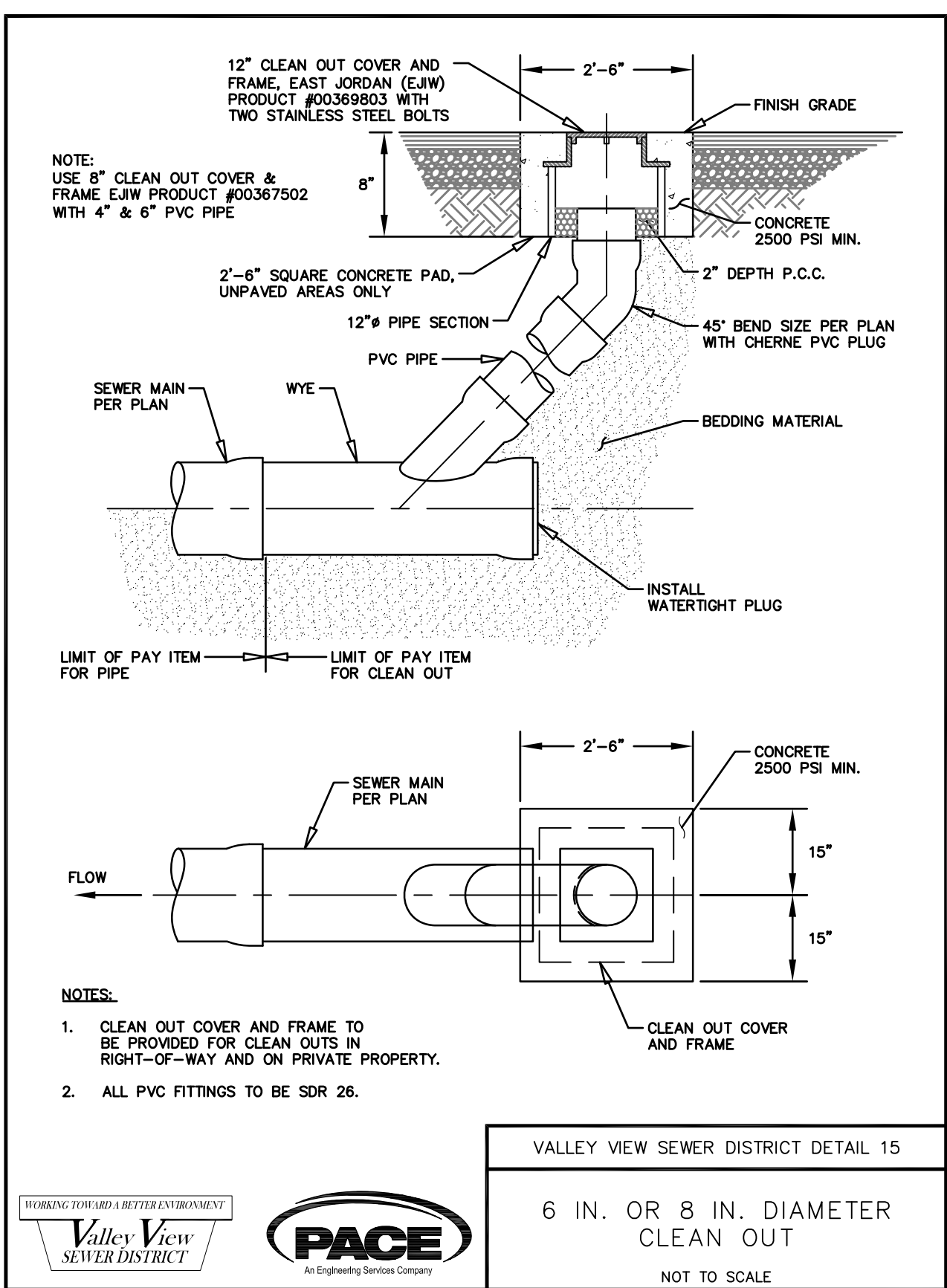
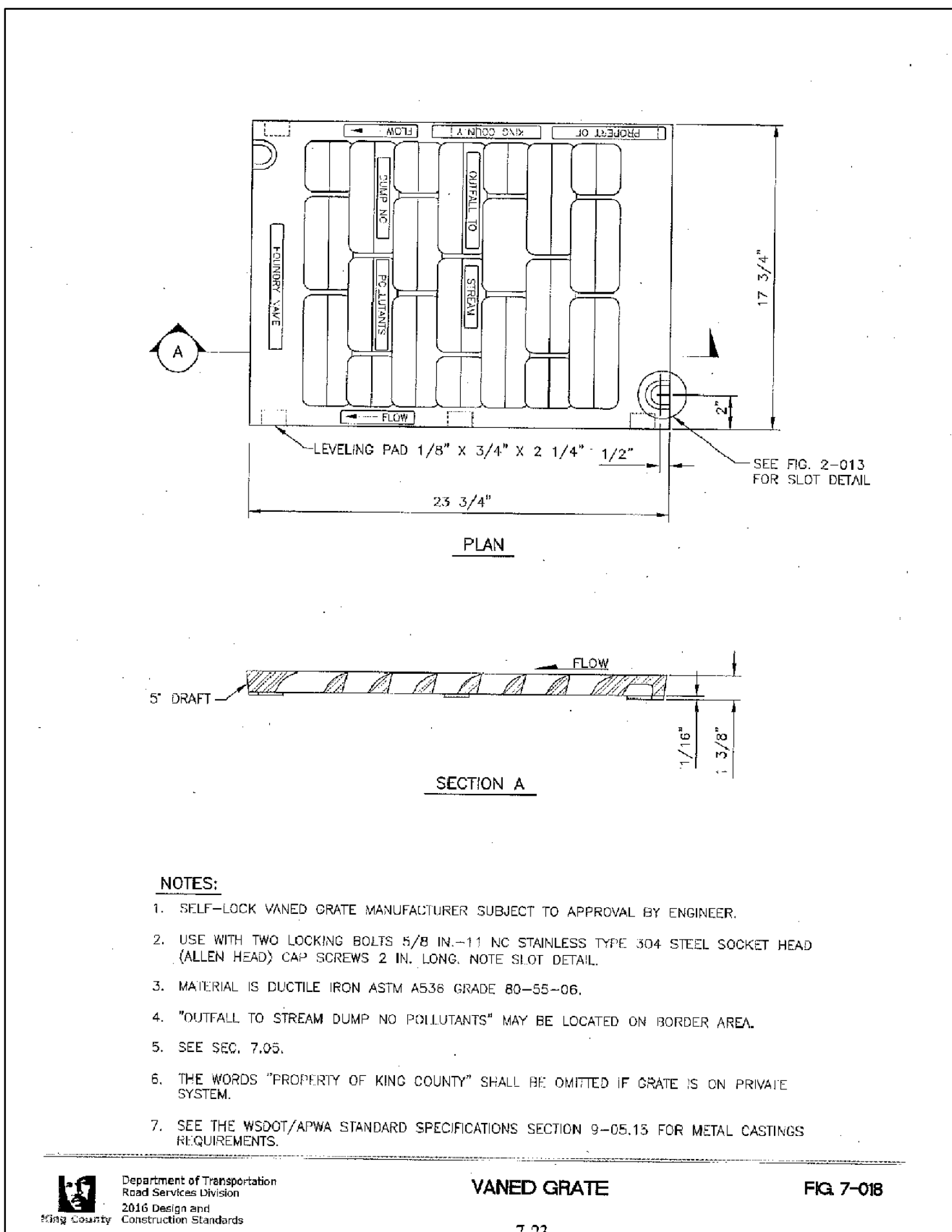
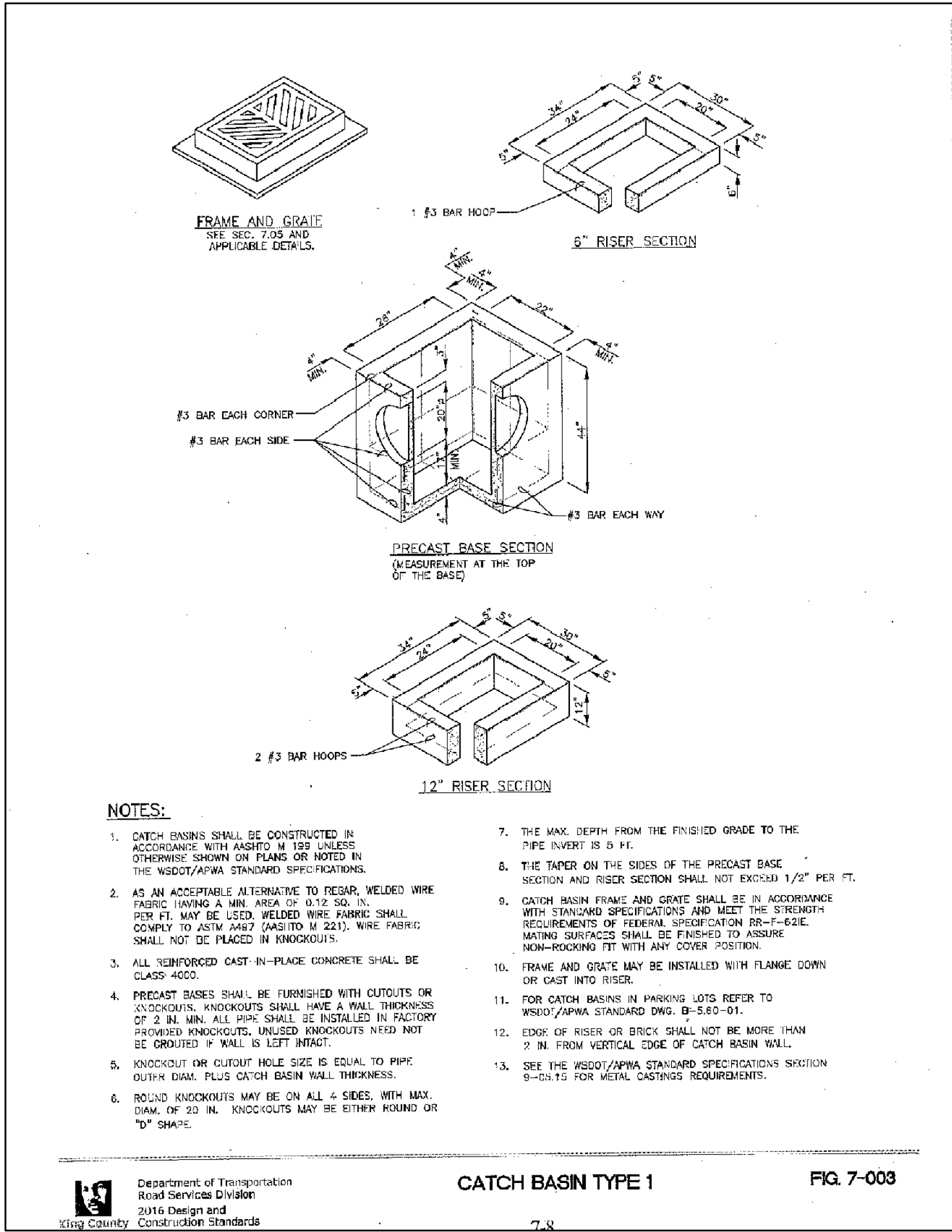
PROJ. MNGR:  
H.H. PHAN


REVISION DESCRIPTION

BY

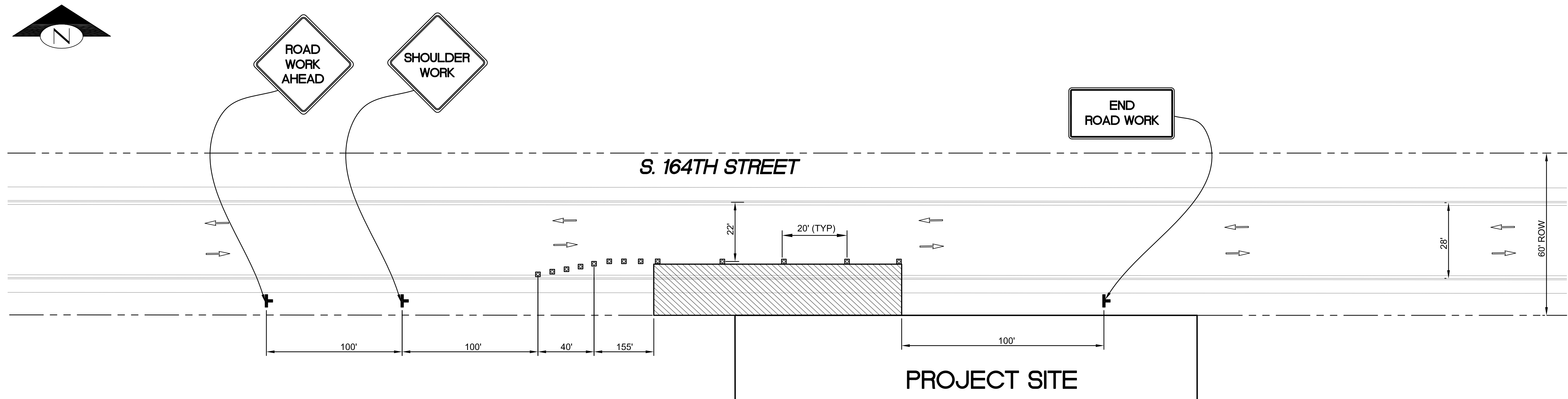
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NO.

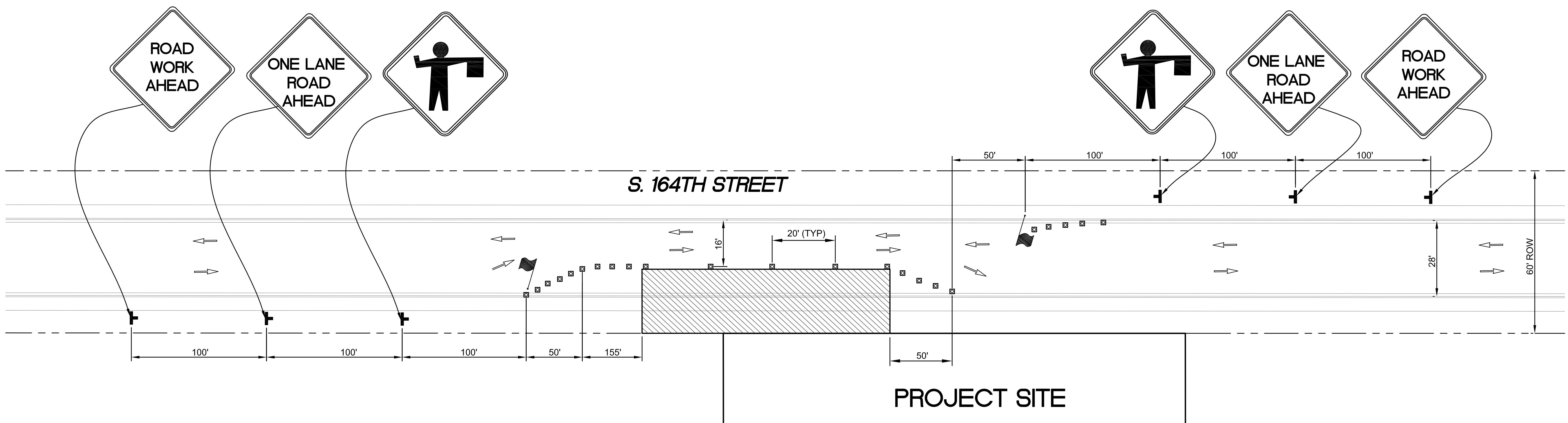


REFERENCE SHEET NO.		SHEET 5 OF 6 SHEETS			
DT2		SANMOHAN SHORT PLAT 3705 S 164TH STREET SEATAC, WA 98188			
		STANDARD DETAILS			
<div></div> <div><b>PBC, LLC</b> Land Development and Civil Engineering Consultants 5130 South 166th Lane SeaTac, WA 98188 T (206) 229-6422</div>					
NO.	DATE	BY	REVISION DESCRIPTION	JOB NO. <b>R18575</b>	ISSUE DATE <b>7-25-2020</b>
				DESIGNED BY: <b>D. TRAN</b>	
				DRAWN BY: <b>D. TRAN</b>	
				CHECKED BY: <b>H.H. PHAN</b>	
				PROJ. MGR: <b>H.H. PHAN</b>	



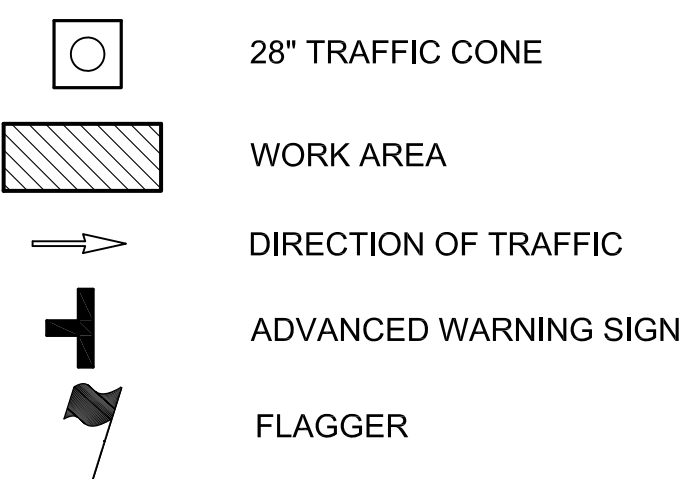


## SHOULDER CLOSURE



## ONE LANE CLOSURE

## LEGEND



**NOTES:**

- |  |  |
|--|--|
| 1. ALL TRAFFIC CONTROL APPLICATIONS AND DEVICES ARE TO BE PURSUENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUCTD), CURRENT ADDITION. | 5. THE CITY OF SEATAC RESERVES THE RIGHT TO ADJUST APPROVED TRAFFIC CONTROL PLANS AS NEEDED DURING THE CONSTRUCTION.   |
| 2. ALL SIGNS ARE BLACK ON ORANGE AND 48" x 48"   | 6. ALL DRIVEWAYS ON SOUTH 164TH STREET SHALL NOT BE BLOCKED DURING CONSTRUCTION.   |
| 3. IN ALL INSTANCES, CONES MUST BE ORANGE IN COLOR, 28" TALL, AND HAVE TWO (2) RETROREFLECTIVE BANDS.  | 7. ALL TRENCHES IN ROADWAY AREAS SHALL BE BACKFILLED AND PATCHED WITH TEMPORARY ASPHALT AT THE END OF EACH WORK DAY, UNLESS PERMISSION IS GRANTED TO DO OTHERWISE BY THE CITY. |
| 4. DISTANCES BETWEEN SIGNS IS PER MUTCD TABLE 6C-1.  | 8. ALL TEMPORARY PATCHES ON TRENCHES SHALL BE PERMANENTLY PATCHED AS SOON AS POSSIBLE UPON COMPLETION OF WORK WITHIN THE ROADWAY AREA.   |