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GENERAL NOTES

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF KIRKLAND. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING WITH THE CITY OF KIRKLAND TO BE ATTENDED BY ALL MAJOR CONTRACTORS AND REPRESENTATIVES OF INVOLVED UTILITIES.
2. SEE SECTION 1-07.17 OF THE SPECIAL PROVISIONS FOR UTILITY CONTACT INFORMATION.
3. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE PROJECT.
4. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2023 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), PUBLISHED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND THE AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, UNLESS SUPERCEDED OR AMENDED BY THE PROJECT SPECIAL PROVISIONS OR CITY OF KIRKLAND STANDARD PLANS (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
5. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
6. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD.
7. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND BEFORE WORK COMMENCES. CALL (1-800-424-5555) AT LEAST 2 WORKING DAYS PRIOR TO ANY CONSTRUCTION. THE ENGINEER SHALL BE CONTACTED IMMEDIATELY IF ANY CONFLICTS NOT NOTED ON THESE PLANS ARE FOUND. ALL WORK SHALL BE CONSISTENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE TRAFFIC CONTROL TO ENSURE TRAFFIC SAFETY DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE PUBLIC WORKS DEPARTMENT PRIOR TO STARTING ANY WORK IN THE RIGHT-OF-WAY.
9. ANY EXISTING PUBLIC OR PRIVATE PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPLACED PRIOR TO COMPLETION OF CONSTRUCTION.
10. ANY ROADWAY SIGN/MARKING REMOVED OR TEMPORARILY MOVED BY THE CONTRACTOR SHALL BE RESTORED BY THE END OF DAY AS TO COMPLY WITH THE CURRENT CITY OF KIRKLAND STANDARDS.
11. MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES UNLESS PRIOR APPROVAL HAS BEEN OBTAINED BY THE CONTRACTOR FROM THE CITY OF KIRKLAND AND PROPERTY OWNER.
12. REMOVE EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH SECTION 8-22.3(6).
13. ALL SIGNS SHALL BE INSTALLED WITHOUT BLOCKING TRAVEL LANES. ALL WORK TRUCKS REQUIRED TO INSTALL SIGNS SHALL BE EQUIPPED WITH A ROTATING BEACON IN COMPLIANCE WITH MUTCD CHAPTER 6H.
14. CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES.
15. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS WHEN PERFORMING WORK BELOW OVERHEAD POWER LINES.
16. BOREHOLE LOCATIONS SHOWN ARE APPROXIMATE. SEE GEOTECH REPORT(S) FOR ADDITIONAL DETAILS AND PAVEMENT DEPTHS.
17. CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS FOR APPROVAL BY THE CITY ENGINEER PRIOR TO BEGINNING WORK.

CALL 48 HOURS  
BEFORE YOU DIG  
1-800-424-5555









































SURVEY NOTES

1. BASIS OF BEARINGS - HELD A BEARING OF N 47°58'33" E BASED ON THE LINE FROM CENTER OF CONC MON NEAR THE P.C. OF NE JUANITA DRIVE TO THE FOUND LEAD AND TACK IN CONCRETE AT THE NORTHEAST CORNER OF JUANITA POINT AS SHOWN HEREON .
2. PRIMARY CONTROL POINTS AND ACCESSIBLE MONUMENT POSITIONS WERE FIELD MEASURED UTILIZING GLOBAL POSITIONING SYSTEM (GPS) SURVEY TECHNIQUES USING TRIMBLE R10 GNSS EQUIPMENT. MONUMENT POSITIONS THAT WERE NOT DIRECTLY OBSERVED USING GPS SURVEY TECHNIQUES WERE TIED INTO THE CONTROL POINTS UTILIZING TRIMBLE VX SPATIAL STATION FOR THE MEASUREMENT OF BOTH ANGLES AND DISTANCES. THIS SURVEY MEETS OR EXCEEDS THE STANDARDS SET BY WAC 332-130-090..
3. THE INFORMATION DEPICTED ON THIS SURVEY REPRESENT THE RESULTS OF A FIELD SURVEY COMPLETED OCTOBER, 2023 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THE TIME.
4. VERTICAL DATUM - NAVD 88
5. HORIZONTAL DATUM - NAD 83/91















REFERENCES

- R1 - PLAT OF JUANITA POINT - A RESIDENCE PARK VOLUME 25 OF PLATS PAGE 27
- R2 - RECORD OF SURVEY RECORDING NUMBER 20020118900010
- R3 - RECORD OF SURVEY RECORDING NUMBER 20041217900001
- R4 - RECORD OF SURVEY RECORDING NUMBER 20050408900002
- R5 - BOUNDARY LINE ADJUSTMENT RECORDING NUMBER 20080624900004

LEGEND (EXISTING)

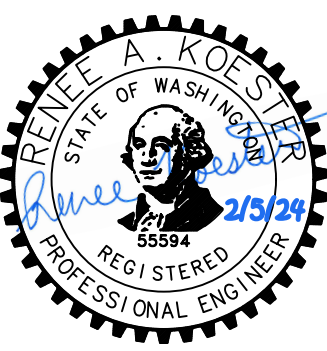


	CONTROL POINT (AS NOTED)
	REBAR (FOUND AS NOTED)
	WATER VALVE
	WATER METER
	FIRE HYDRANT
	IRRIGATION CONTROL VALVE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	STORM CATCH BASIN
	STORM CULVERT
	POWER METER
	POWER POLE
	GUY ANCHOR
	GUY POLE
	TELEPHONE POLE
	GAS VALVE
	SIGN
	MAILBOX
	DECIDUOUS TREE
	CONIFEROUS TREE
	BUSH
	PROPERTY LINE
	GUARD RAIL
	BUILDING LINE
	EDGE OF GRAVEL
	FENCE LINE (TYPE AS NOTED)
	TREE CANOPY/DRIP LINE
	VEGETATION/BRUSH LINE
	FLOWLINE
	TOE OF SLOPE
	TOP OF SLOPE
	WATER PIPE
	SANITARY SEWER PIPE
	STORM DRAIN PIPE
	POWER LINE
	POWER OVERHEAD LINE
	TELEPHONE OVERHEAD LINE
	NATURAL GAS PIPE
	EDGE OF PAVEMENT
	FOG LINE

LEGEND (PROPOSED)

	INLET PROTECTION
	WATTLE
	SILT FENCE
	ASPHALT PLANING & OVERLAY AREA
	FULL DEPTH PAVEMENT REMOVAL & INSTALLATION
	DITCH RESTORATION
	SAWCUT
	CLEARING & GRUBBING
	BOREHOLE LOCATIONS (APPROXIMATE)
	CATCH BASIN TYPE 1
	CATCH BASIN TYPE 2
	STORM SEWER PIPE
	UNDERDRAIN PIPE
	OUTFALL PROTECTION

ABBREVIATIONS

BP	ALIGNMENT BEGIN POINT
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CPP	CORRUGATED PLASTIC PIPE
CTR	CENTER
EL	ELEVATION
EP	ALIGNMENT END POINT
IE	INVERT ELEVATION
LF	LINEAR FEET
PVC	POLYVINYL CHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
SDMH	STORM DRAIN MANHOLE
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
SWR	SEWER

Supervisor R. KOESTER				REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS		 <div>DAVID EVANS AND ASSOCIATES INC. 14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div>	 <div>CITY OF KIRKLAND DEPARTMENT OF PUBLIC WORKS 123 FIFTH AVENUE KIRKLAND, WA 98033 (425) 587-3800 www.kirklandwa.gov</div>	NE JUANITA DR AND 86TH AVE NE STORM FAILURE		GN01
Designed By M. EMESON					WASH									SHEET
Checked By R. KOESTER														2
Detailed By R. WILCOX, W. MCDONALD					JOB NUMBER									7
														SHEETS



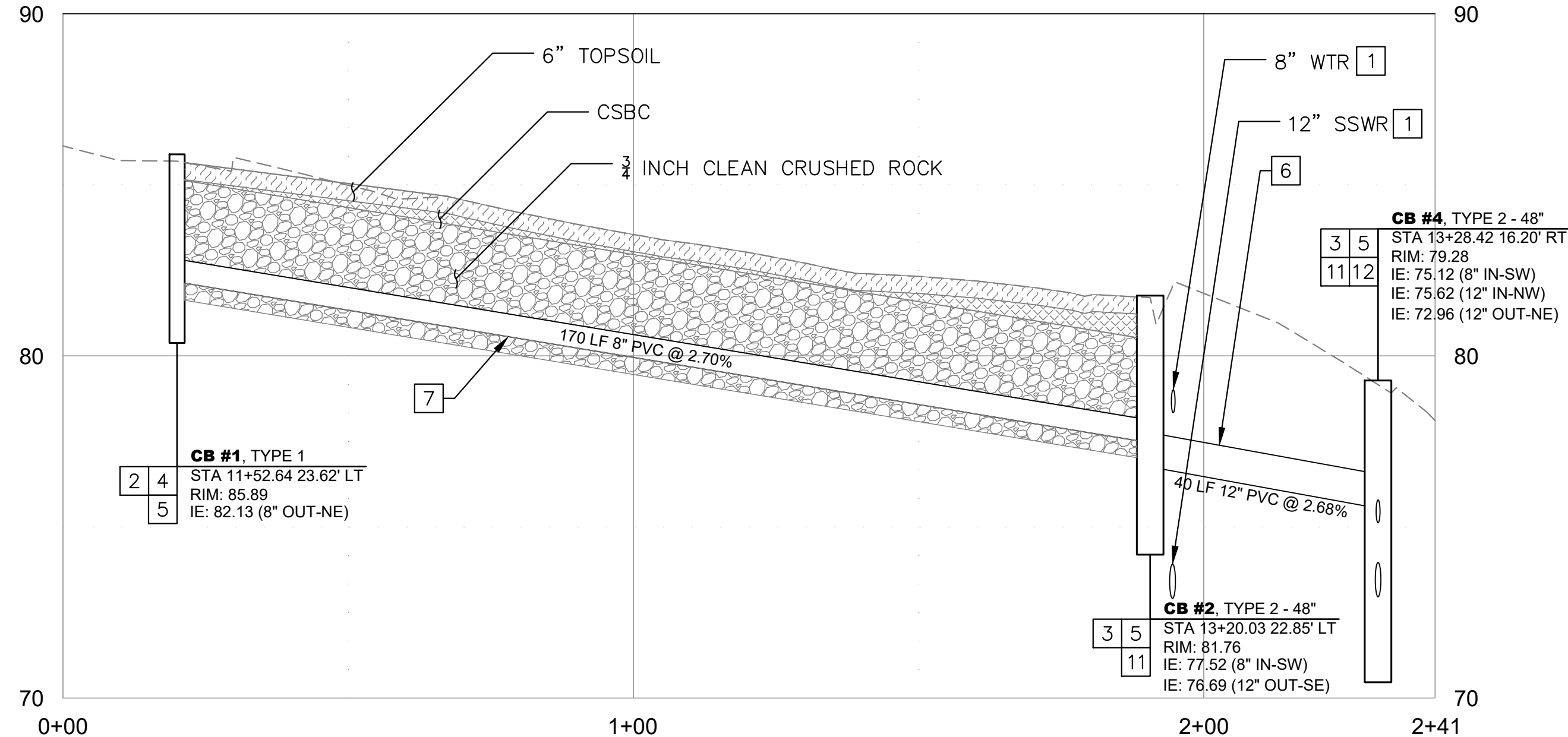




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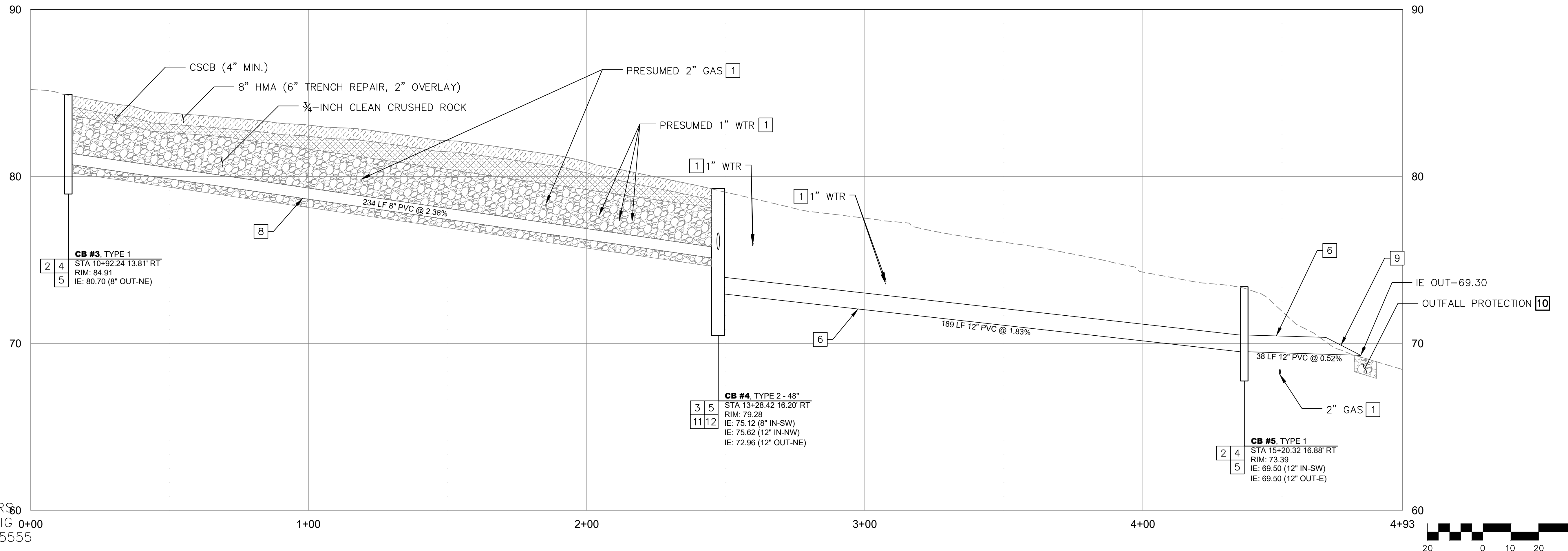


## GENERAL NOTES

1. TRENCHING FOR STORM DRAINAGE FEATURES SHALL COMPLY WITH CITY OF KIRKLAND STD. PLAN CK-D.02.
2. FRAME AND GRATE ADJUSTMENTS SHALL COMPLY WITH CITY OF KIRKLAND STD PLAN CK-D.11.
3. ALL INLET, MANHOLE, AND CATCH BASIN FRAMES SHALL NOT BE ADJUSTED TO GRADE UNTIL IMMEDIATELY PRIOR TO FINAL PAVING. ALL CATCH BASIN GRATES SHALL BE SET 0.10' BELOW PAVEMENT LEVEL.
4. SHORING IS REQUIRED FOR ALL EXCAVATIONS GREATER THAN 4 FEET IN DEPTH PER WSDOT STD. SPEC. 7-08.3(1)B
5. CONTRACTOR TO WRAP EXISTING PIPES IN ETHAFOAM WHERE THERE IS LESS THAN 1 FOOT OF SEPARATION (EITHER VERTICAL OR HORIZONTAL) BETWEEN THE EXISTING PIPE AND ANY PROPOSED STORM DRAINAGE FEATURES, INCLUDING PIPES AND CATCH BASINS. THE EXISTING PIPE SHALL BE WRAPPED IN ETHAFOAM TO PROVIDE A MINIMUM THICKNESS OF 6 INCHES ON ALL SIDES.

## DRAINAGE NOTES

- 1] PROTECT-IN-PLACE EXISTING UTILITY.
- 2] INSTALL CATCH BASIN TYPE 1 PER CITY OF KIRKLAND STD PLAN CK-D.07.
- 3] INSTALL CATCH BASIN TYPE 2-48" DIA. PER CITY OF KIRKLAND STD PLAN CK-D.09.
- 4] INSTALL CIRCULAR RISER AND TRANSITION FOR TYPE 1 PER CITY OF KIRKLAND STD PLAN CK-D.07A.
- 5] INSTALL 24" MANHOLE FRAME WITH LOCKING LID AND LOGO PER CITY OF KIRKLAND STD PLAN CK-D.18.
- 6] INSTALL 12-INCH DIAM. PVC PIPE. TRENCH BACKFILL PER CITY OF KIRKLAND STD PLAN CK-D.02.
- 7] INSTALL CURTAIN DRAIN WITH 8-INCH DIAM. UNDERDRAIN PER DETAIL 1 ON SHEET DT-01.
- 8] INSTALL CURTAIN DRAIN WITH 8-INCH DIAM. UNDERDRAIN PER DETAIL 2 ON SHEET DT-01.
- 9] INSTALL BEVELED END PIPE SECTION PER CITY OF KIRKLAND STD PLAN CK-D.30.
- 10] INSTALL OUTFALL PROTECTION PER CITY OF KIRKLAND STD PLAN CK-D.43.
- 11] INSTALL PRE-FABRICATED LADDER PER WSDOT STD PLAN B-30.90-02.
- 12] USE ECCENTRIC RISER AND GRADE RINGS TO INSTALL SOLID LOCKING LID ADJACENT TO GUTTER FLOWLINE (FURTHEST FROM TRAVELED WAY)



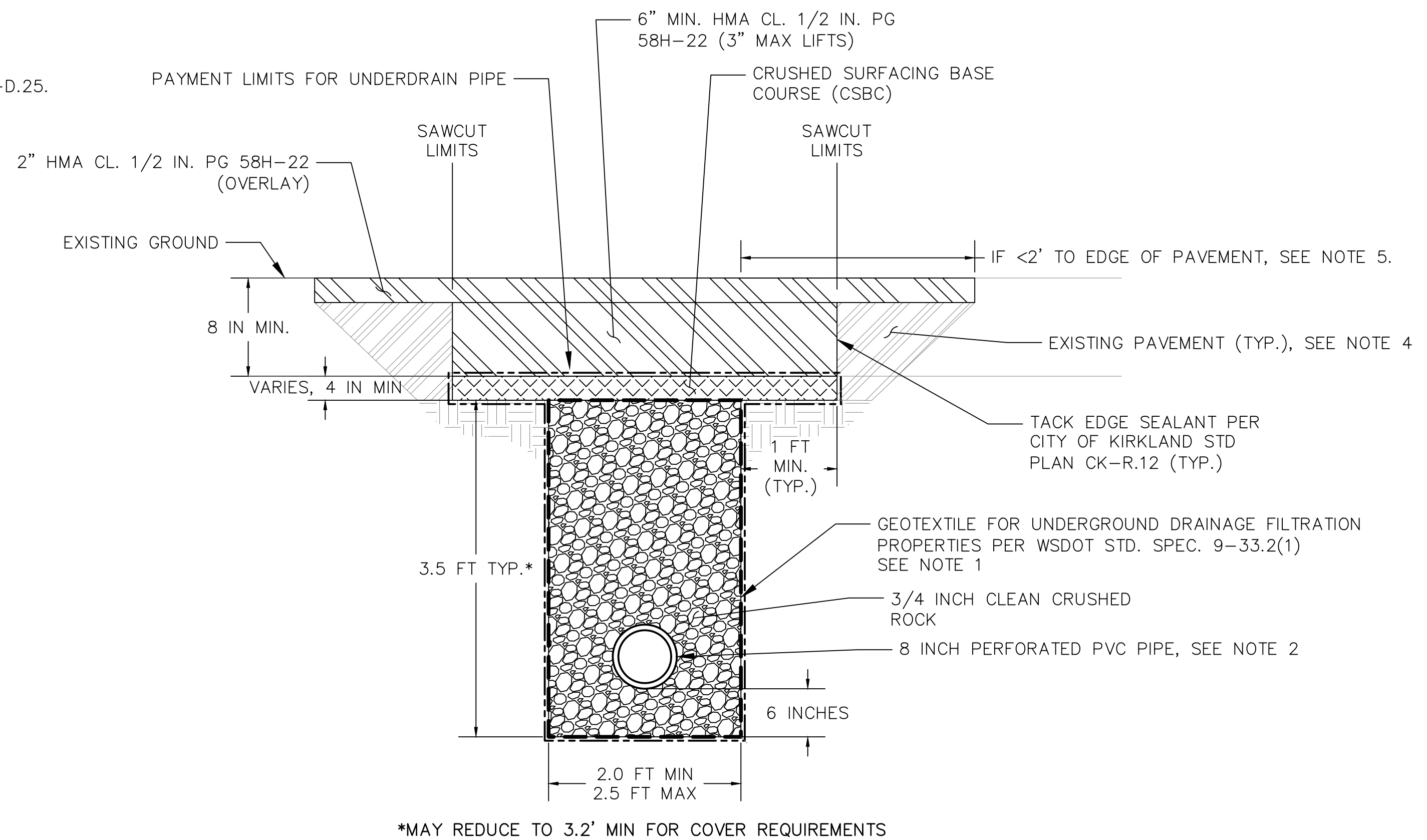
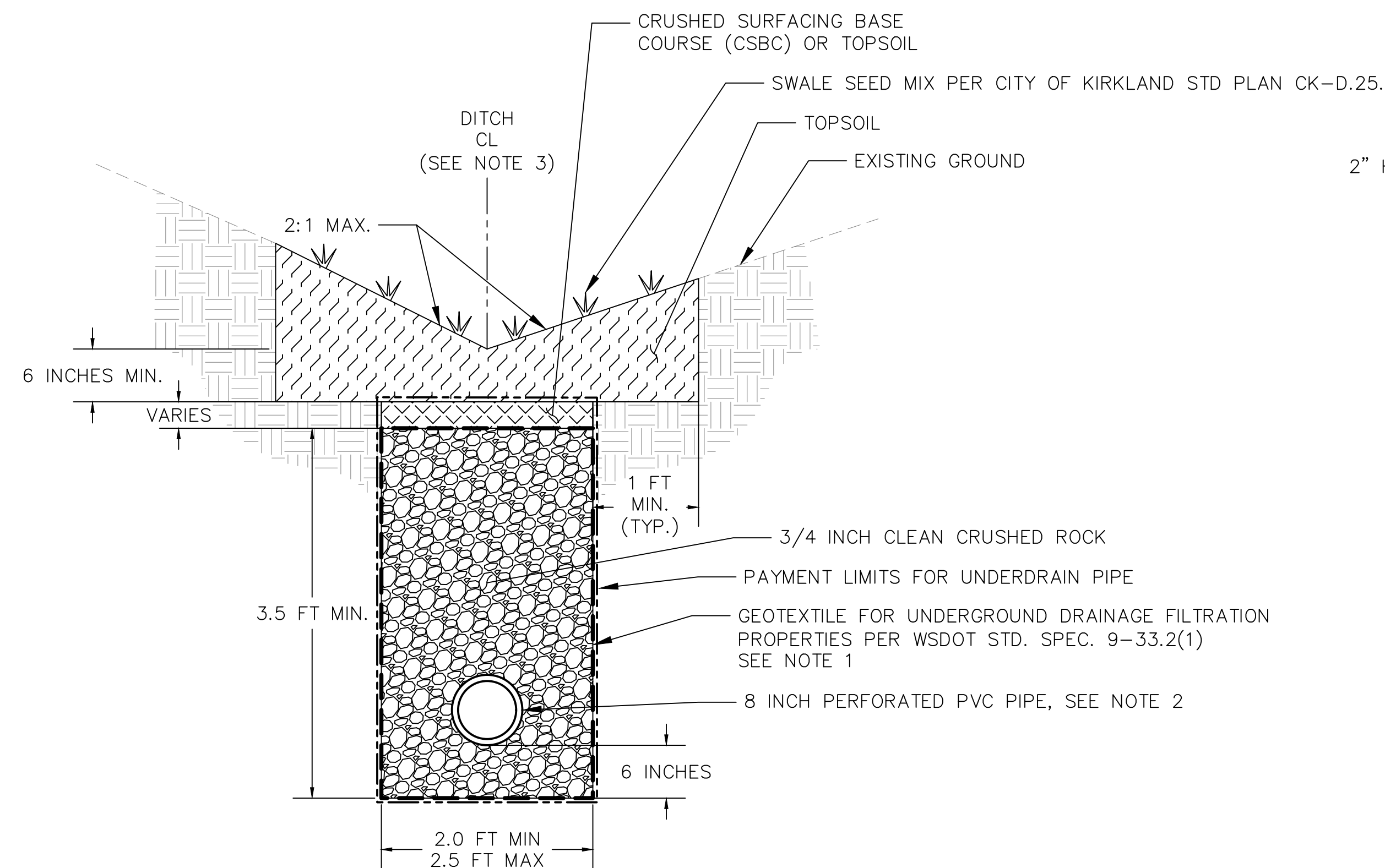
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## GENERAL NOTES

1. WRAP GEOTEXTILE AROUND CRUSHED ROCK ON ALL SIDES, INCLUDING UPSTREAM AND DOWNSTREAM ENDS OF CURTAIN DRAIN.
2. CLASS 1 PERFORATED PVC PIPE. ORIENT PERFORATIONS DOWN.
3. FOLLOWING INSTALLATION OF UNDERDRAIN, RESTORE DITCH FLOWLINE TO MAINTAIN EXISTING FLOWLINE ELEVATION.
4. SEE GEOTECHNICAL REPORT(S) FOR EXISTING PAVEMENT DEPTHS AND MATERIALS. BORING IN 2023 ON NORTH SIDE OF ROADWAY FOUND 14" HMA. EXCAVATION IN 2018, ON SOUTH SIDE, FOUND HMA OVER CONCRETE PAVEMENT.
5. CONTRACTOR SHALL REPLACE FULL DEPTH PAVEMENT (8" HMA) TO EDGE OF ROADWAY WHEN WITHIN 2' OF EDGE OF PAVEMENT.
6. SHORING IS REQUIRED FOR ALL EXCAVATIONS GREATER THAN 4 FEET IN DEPTH PER WSDOT STD. SPEC. 7-08.3(1)B
7. CONTRACTOR SHALL INSTALL TRENCH BACKFILL IN 12-INCH LAYS AND DENSELY COMPACT PER 2024 GEOTECHNICAL REPORT.
8. 3/4-INCH CLEAN CRUSHED ROCK SHALL CONFORM TO THE GRADING MIX FOR GRAVEL BACKFILL FOR DRAIN PER WSDOT STD. SPEC. 9-03.12(4)
9. GEOTEXTILE FABRIC SHALL CONFORM TO MODERATE SURVIVABILITY AND WOVEN REQUIREMENTS FOR STRENGTH AND CONFORM TO CLASS A REQUIREMENTS FOR FILTRATION PER WSDOT STD. SPEC. 9-33.2(1).

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