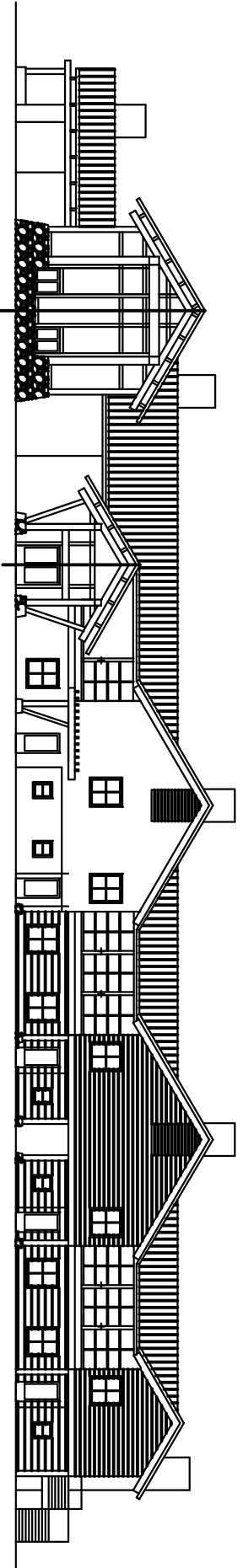


**CANYON RIVER RANCH**  
A PORTION OF SW 1/4 SECTION 28, TOWNSHIP 16 NORTH, RANGE 19E, W.M.  
KITITAS COUNTY, WASHINGTON



CANYON RIVER RANCH

14694 HIGHWAY 821  
CANYON RIVER ROAD  
ELLENSBURG, WA 98926  
MILEPOST 14.7

**SHEET INDEX:**

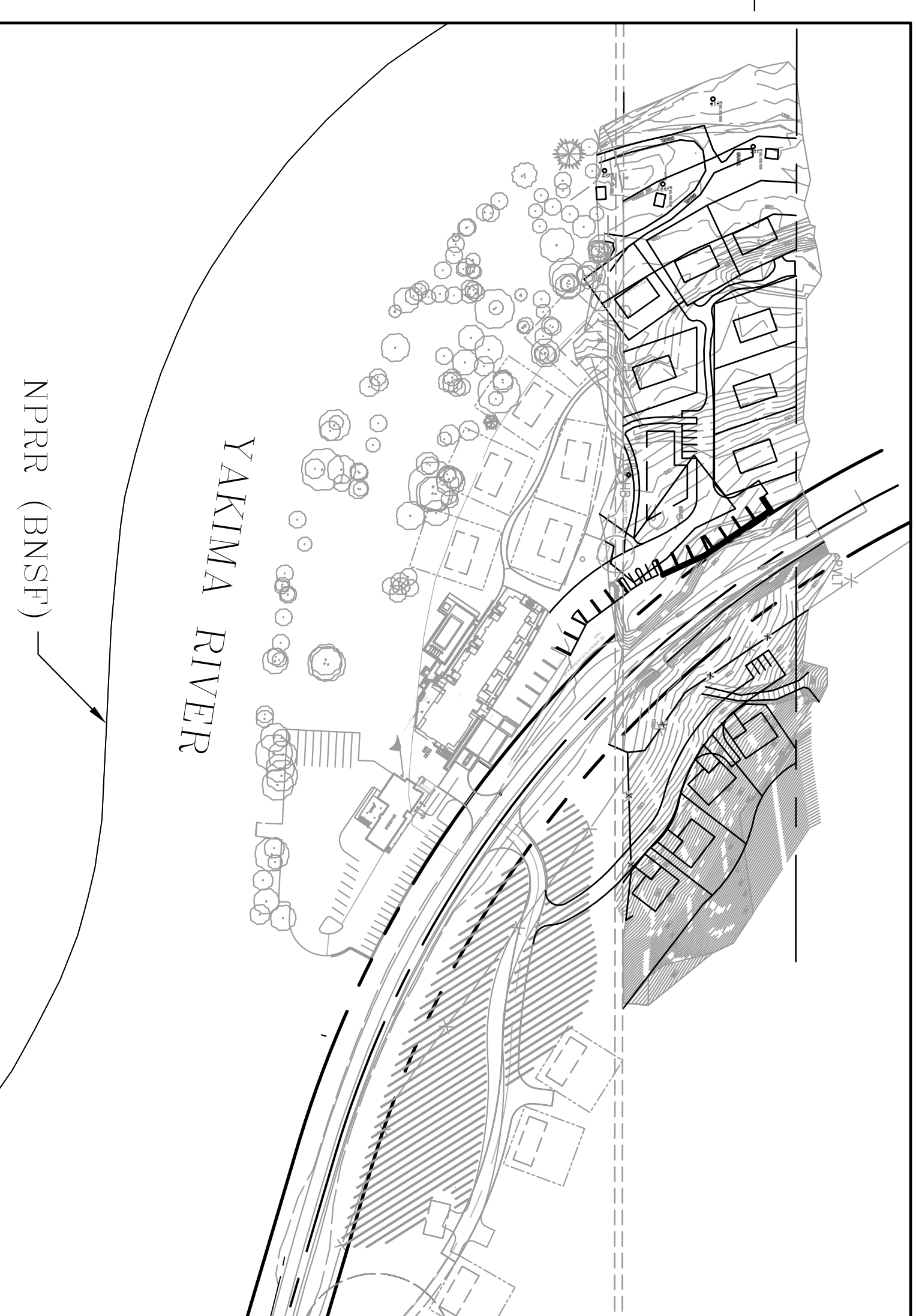
- C0.01 – COVER, VICINITY MAP, LEGAL DESCRIPTION,
- C0.02 – LEGEND, ABBREVIATIONS, AND GENERAL NOTES
- C1.01 – TOPOGRAPHIC SURVEY
- C2.01 – TESC PLAN
- C3.01 – DEMO PLAN
- C5.00 – OVERALL SITE PLAN
- C5.01 – LOWER SITE GRADING PLAN
- C5.02 – UPPER SITE GRADING PLAN
- C8.01 – LOWER SITE UTILITY PLAN
- C8.02 – UPPER SITE UTILITY PLAN
- C9.01 – SITE DETAILS
- C9.02 – SITE DETAILS
- C9.03 – SITE DETAILS

**CONTACTS:**

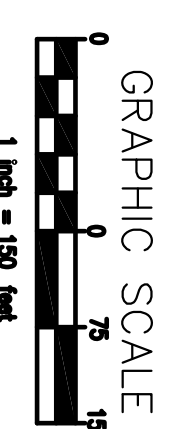
**OWNER**  
CANYON RIVER RANCH, LLC.  
1218 3rd AVE SUITE 2300  
SEATTLE, WA 98101  
(206) 957-9600

**ARCHITECT**  
STEPHEN W. COX, AIA  
SHOESMITH COX ARCHITECTS, PLLC  
1928 43rd AVE E., STE A  
SEATTLE, WA 98112  
(206) 453-4053

**CIVIL ENGINEER/SURVEYOR**  
JAME M. SAEZ, P.E.  
SCE, Inc.  
748 WINSLOW WAY E  
BAINBRIDGE ISLAND, WA 98110  
(206) 842-4188 FAX: (206) 238-9125



CIVIL SHEET KEY PLAN



**LEGAL DESCRIPTION:**

THE SOUTH HALF (S 1/2) OF THE SOUTHWEST QUARTER (SW 1/4), SECTION 28, TOWNSHIP 16 NORTH, RANGE 19 EAST W.M., IN KITITAS COUNTY, WASHINGTON.

EXCEPT EASEMENT GRANTED BY THE HIGHWAY SERVICE CORPORATION OF THE STATE OF WASHINGTON, DATED JULY 21, 1931, FILED FOR RECORD SEPTEMBER 5, 1931, AND RECORDED IN BOOK 49 OF DEEDS, PAGE 540, GRANTING A RIGHT-OF-WAY OVER A STRIP OF LAND 100 FEET WIDE, BEING 50 FEET ON EACH SIDE OF CENTERLINE OF SAID ROAD AS SURVEYED OVER AND ACROSS SAID PREMISES;

EXCEPT A RIGHT-OF-WAY 400 FEET IN WIDTH RESERVED BY THE NORTHERN PACIFIC RAILWAY COMPANY OVER AND ACROSS A PORTION OF THE ABOVE-DESCRIBED PREMISES;

EXCEPT THE NORTH 200 FEET THEREOF;

TOGETHER WITH ALL WATER RIGHTS AND IRRIGATION DITCHES APPURTENANT THERETO.

SUBJECT TO RESTRICTIONS, RESERVATIONS, EASEMENTS, AND RIGHT OF WAY APPARENT OR OF RECORD.

**PROPERTY WITHDRAWN FROM THE CONDOMINIUM:**

THAT PORTION OF THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 28, TOWNSHIP 16 NORTH, RANGE 19 EAST, W.M., IN KITITAS COUNTY, WASHINGTON LYING SOUTHWESTERLY OF THE NORTHERN PACIFIC RAILWAY COMPANY RIGHT-OF-WAY;

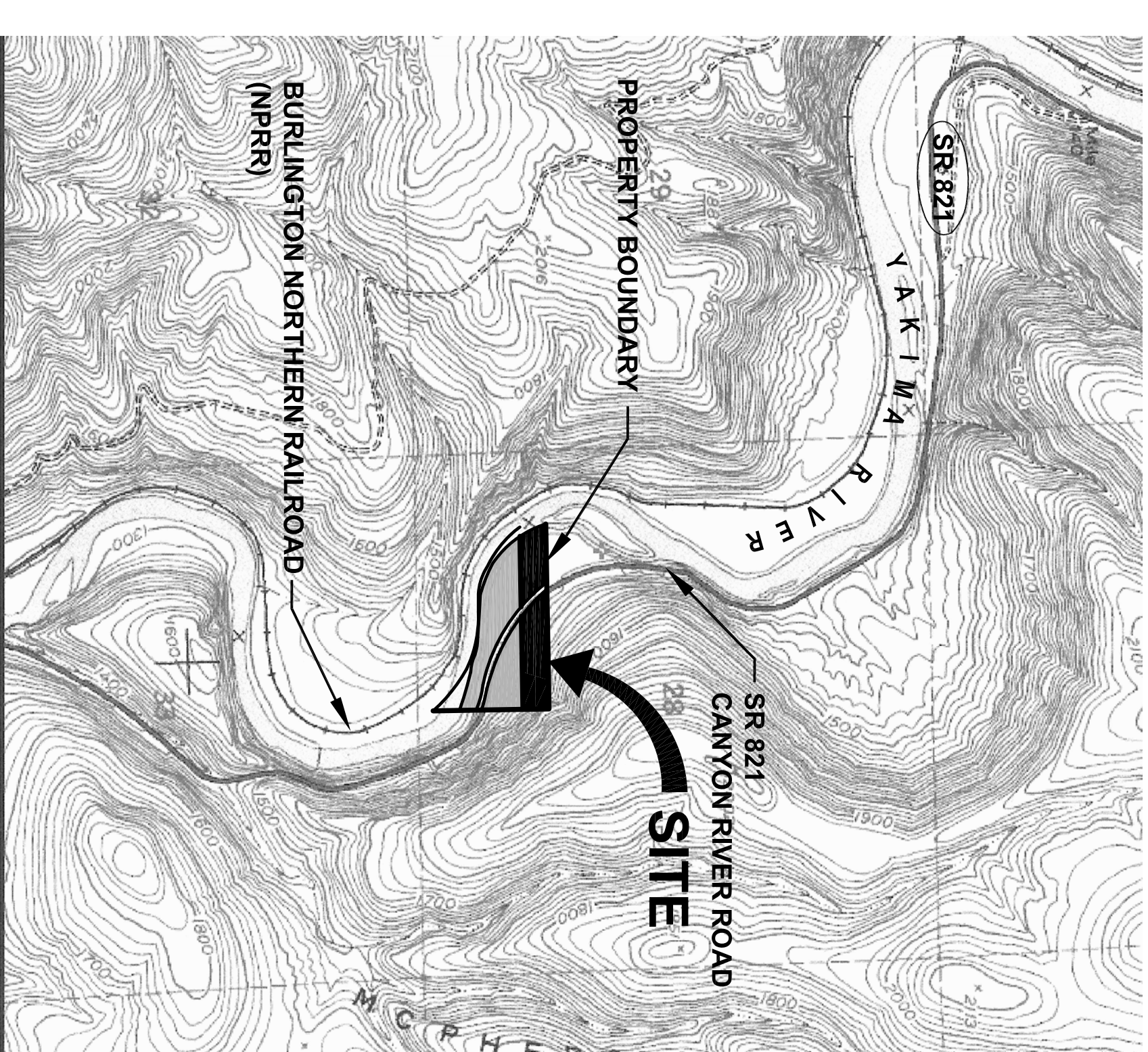
EXCEPT THE NORTH 200.00 FEET THEREOF;

TOGETHER WITH THAT PORTION LYING SOUTH OF THE YAKIMA RIVER AND NORTH OF THE NORTHERN PACIFIC RAILWAY RIGHT-OF-WAY THEREOF;

TOGETHER WITH ALL WATER RIGHTS AND IRRIGATION DITCHES, APPURTENANT THERETO;

SUBJECT TO RESTRICTIONS, RESERVATIONS, EASEMENTS AND RIGHT-OF-WAY APPARENT OR OF RECORD.

SITUATE IN THE COUNTY OF KITITAS, STATE OF WASHINGTON.



**VICINITY MAP**

SCALE: 1" = 1/4 MILE

0 0.3 0.6 0.9 1.2 1.5 km  
0 0.1 0.2 0.3 0.4 0.5 mi  
Map center is UTM 10 693480E 5190885N (NAD27)  
Wymer quadrangle  
Projection is UTM Zone 10 NAD83 Datum

M=17,532  
G=1,952

**KITITAS COUNTY ACCEPTANCE BLOCK**  
THESE PLANS HAVE BEEN REVIEWED BY KITITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITITAS COUNTY ROAD STANDARDS.  
Director of Public Works \_\_\_\_\_ Date \_\_\_\_\_

**PROPERTY ADDED TO THE CONDOMINIUM:**

THE NORTH 200 FEET OF THE SOUTH HALF (S 1/2) OF THE SOUTHWEST QUARTER (SW 1/4), SECTION 28, TOWNSHIP 16 NORTH, RANGE 19 EAST W.M., IN KITITAS COUNTY, WASHINGTON.

TOGETHER WITH THE SOUTH 25 FEET OF THE NORTH HALF (N 1/2) OF THE SOUTHWEST QUARTER (SW 1/4), SECTION 28, TOWNSHIP 16 NORTH, RANGE 19 EAST W.M., IN KITITAS COUNTY, WASHINGTON.

EXCEPT EASEMENT GRANTED BY THE HIGHWAY SERVICE CORPORATION OF THE STATE OF WASHINGTON, DATED JULY 21, 1931, FILED FOR RECORD SEPTEMBER 5, 1931, AND RECORDED IN BOOK 49 OF DEEDS, PAGE 540, GRANTING A RIGHT-OF-WAY OVER A STRIP OF LAND 100 FEET WIDE, BEING 50 FEET ON EACH SIDE OF CENTERLINE OF SAID ROAD AS SURVEYED OVER AND ACROSS SAID PREMISES;

EXCEPT A RIGHT-OF-WAY 400 FEET IN WIDTH RESERVED BY THE NORTHERN PACIFIC RAILWAY COMPANY OVER AND ACROSS A PORTION THE ABOVE DESCRIBED PREMISES;

EXCEPT THAT PORTION OF THE ABOVE DESCRIBED PREMISES LYING WEST OF A RIGHT-OF-WAY 400 FEET IN WIDTH RESERVED BY THE NORTHERN PACIFIC RAILWAY COMPANY OVER AND ACROSS A PORTION OF THE ABOVE DESCRIBED PREMISES;

TOGETHER WITH ALL WATER RIGHTS AND IRRIGATION DITCHES APPURTENANT THERETO.

SUBJECT TO RESTRICTIONS, RESERVATIONS, EASEMENTS AND RIGHT OF WAY APPARENT OR OF RECORD.



TITLE  
**COVER SHEET**

PROJECT NO.  
1310  
DATE  
11 JULY 2014  
PROJECT NUMBER PLAN

SHEET NUMBER  
**C0.01**

SET

**shoesmith**  
**COX**  
architects

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Seattle, WA 98112  
T 206.453.4053  
shoesmithcox.com



**SÁEZ CONSULTING ENGINEERS, INC.**  
748 Winslow Way E.  
Bainbridge Island, WA 98110  
PH:(206) 842-4188  
FAX:(206) 289-9125

PROJECT:  
**Canyon River Ranch**

LOCATION:

PREPARED FOR:

NO. DATE REGION

PROJECT NUMBER  
SC  
PROJECT MONITOR  
SC  
PROJECT TOWN NUMBERS  
TS  
CHECK

DRAWER SIZE

**PERMIT SET**











**BASIS OF BEARING:**  
 NORTHING POINT FROM WASHINGTON SQUARE ZONE FROM NOS PUBLISHED CONTROL STATIONS W-527(710) 590220) 7035-1993 (PID A46621)

**REFERENCES:**  
 BIM PLAN 16-19-D, DATED 3/6/2000 UNRECORDED 1989 SURVEY BY THE DEPT. OF GAME LABELED 'MOUNTAIN YAKIMA RIVER' ES RECORD OF SURVEY FILED FOR RECORD MAY 2, 2006 WITH KITTITAS COUNTY VOLUME 32, PAGE 156 (RECORDING NO. 200605020030)

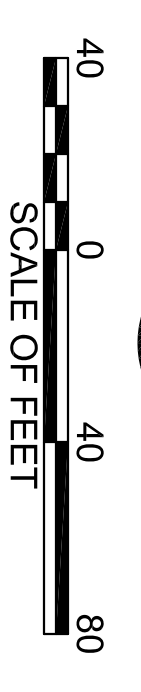
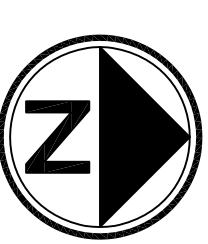
**NOTES:**  
 1. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES OCCURRING DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS.  
 2. FIELD SURVEY: SCE, DECEMBER, 27 2013.  
 3. CONTOUR INTERVAL: = 1 FOOT.  
 5. FOR TREE INFO SEE TABLES ON X-2.  
 6. BEARINGS AND DISTANCES SHOWN ARE GRID. TO OBTAIN GROUND DISTANCES DIVERGE DISTANCES BY 0.99966437 THE CONVERGENCE ANGLE AT THE CENTER OF SEC. 28 IS 00'19.2"

7. A TITLE REPORT FOR THIS PROPERTY WAS NOT FURNISHED AT THE TIME OF THIS SURVEY. EXISTING OR PROPOSED EASEMENTS, COVENANTS, CONDITIONS AND RESTRICTIONS ARE NOT SHOWN. IT SHOULD BE NOTED THAT IN PREPARING THIS SURVEY MAP, ESC CONSULTING ENGINEERS HAS CONDUCTED VISUAL INSPECTIONS OF THE PROPERTY AND HAS BEEN MADE AWARE OF ANY TITLE ISSUES AFFECTING THE PROPERTY OTHER THAN THOSE SHOWN ON THIS MAP.  
 8. S.R. 821 RIGHT OF WAY FROM STATE ROAD NO. 3 UPTOWN TO HILSDOE, KITTITAS COUNTY ROAD PLANS PAGE 7 OF 23, APPROVED FEB. 2, 1932 STATE OF WASHINGTON, DEPARTMENT OF HIGHWAYS, OLYMPIA, WASHINGTON.

**SCE CONTROL:**

ES#	NORTHING	EASTING	ELEVATION	DESCRIPTION
163	550569.0850	1649953.5348	1319.08	FOUND NAIL
205	550914.3500	1650010.7900	N/A	FOUND ALUMINUM CAP
206	550514.9800	1648384.0110	N/A	FOUND ALUMINUM CAP
808	550698.5412	1649983.3978	1322.90	FOUND USSS NAIL
5218	550986.1467	1650939.6922	1335.22	FOUND NAIL
5322	550985.3347	1649487.2049	1305.40	SET NAIL

**S&EZ CONSULTING ENGINEERS, INC.**  
 748 Winslow Way E.  
 Bainbridge Island, WA 98110  
 PH: (206) 842-4188  
 FAX: (206) 238-9125



DESIGNED: XXXX	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. XXXXX
MPK		<b>C1.01</b>	PMIS/PHG NO. 149321
TECH. REVIEW: XXXX		<b>PRELIMINARY CANYON RIVER RANCH PH2 TOPOGRAPHIC SURVEY</b>	SHEET 1 OF 2
DATE: 06/14		XXX STATE ROUTE 821.	

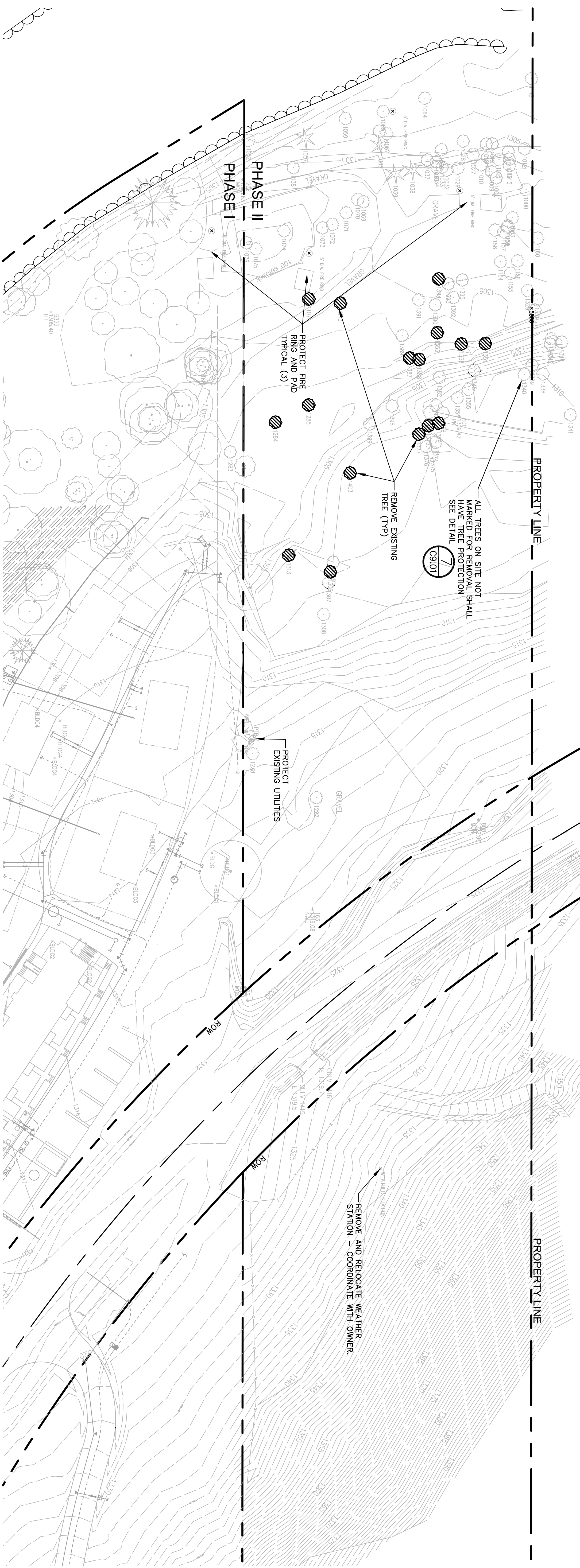




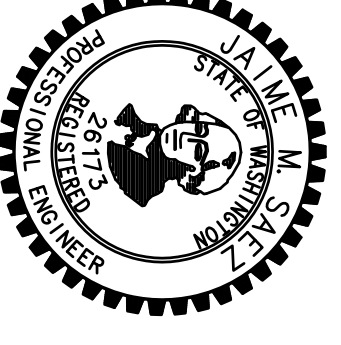
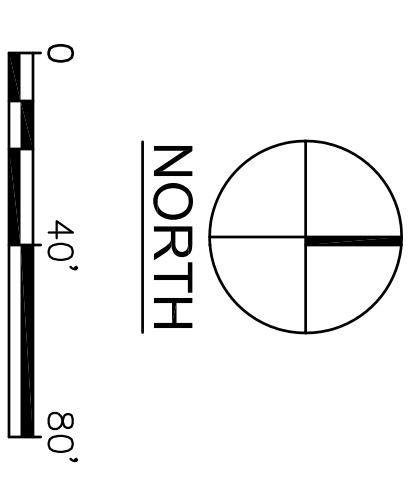


# CANYON RIVER RANCH

A PORTION OF SW 1/4 SECTION 28, TOWNSHIP 16 NORTH, RANGE 19E, W.M.  
KITITAS COUNTY, WASHINGTON



- NOTES:
1. SEE SHEETS C0.01 AND C0.02 FOR NOTES, LEGEND, ABBREVIATIONS AND DRAWING LIST.
  2. SEE SHEET C2.01 FOR TEMP. EROSION AND SEDIMENTATION CONTROL PLAN.



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**COX**  
architects  
id

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Bainbridge Island, WA, 98110  
PH:(206) 942-4188  
FAX:(206) 238-9125

PROJECT:  
**Canyon River Ranch**

LOCATION:

PREPARED FOR:

DATE:

NO.:

PROJECT MANAGER  
SC  
PROJECT ARCHITECT  
SC  
PROJECT TEAM WORKERS  
TS  
CHECKER  
OWNER SEAL

TITLE  
SITE DEMOLITION PLAN

PROJECT NO.  
1310  
DATE  
11 JULY 2014  
PROJECT NETWORK PLAN

SHEET NUMBER

**C3.01**

PERMIT SET



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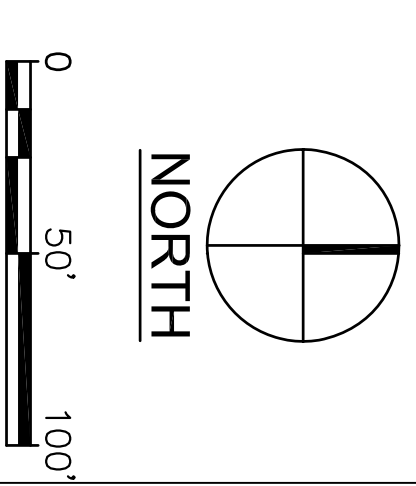


# CANYON RIVER RANCH

A PORTION OF SW 1/4 SECTION 28, TOWNSHIP 16 NORTH, RANGE 19E, W.M.  
KITITAS COUNTY, WASHINGTON



NOTES:  
1. SEE SHEETS C0.01 AND C0.02 FOR  
NOTE, LEGEND, ABBREVIATIONS AND  
DRAWING LIST.



**PERMIT SET**



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**SCE**  
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Bainbridge Island, WA, 98110  
PH:(206) 942-4188  
FAX:(206) 238-9125

PROJECT:  
**Canyon River  
Ranch**

LOCATION:

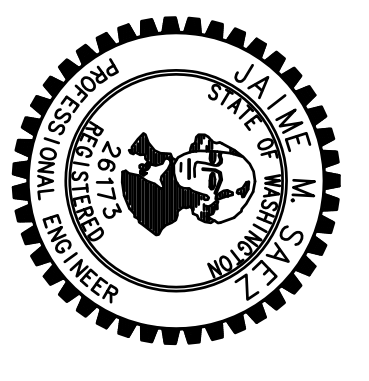
PREPARED FOR:

NAME

NO. DATE PERSON

PROJECT MANAGER  
SC  
PROJECT ARCHITECT  
SC  
PROJECT TEAM WORKERS  
TS  
OTHER

DRAWER SIZE



TITLE  
**OVERALL SITE PLAN**

PROJECT NO.  
1310  
DATE  
11 JULY 2014  
PROJECT NETWORK FIRM

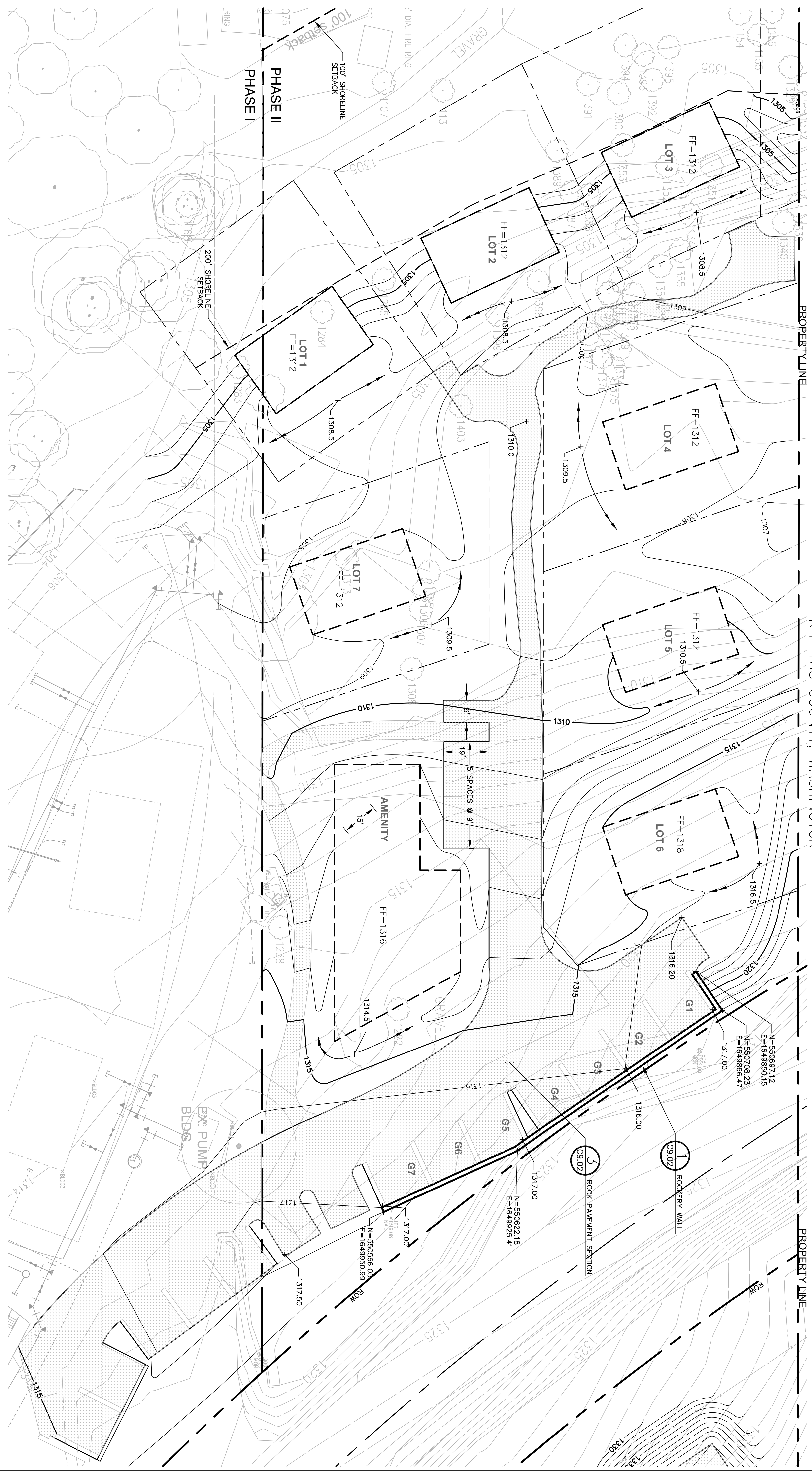
SHEET NUMBER  
**C5.00**

SET  
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# CANYON RIVER RANCH

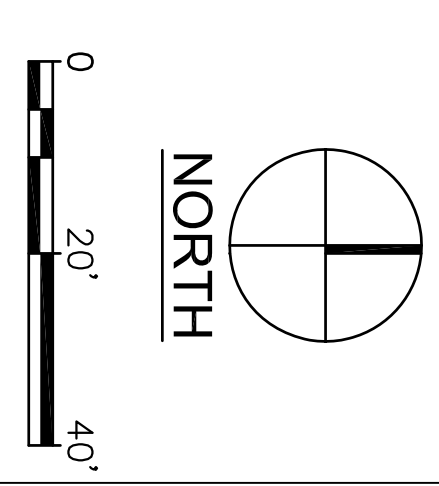
A PORTION OF SW 1/4 SECTION 28, TOWNSHIP 16 NORTH, RANGE 19E, W.M.  
KITITAS COUNTY, WASHINGTON



### Cut/Fill Summary

Name	Cut Factor	Fill Factor	24 Area	Cut	Fill	Net
LOWER SITE	1.00	1.00	92862.68 Sq. Ft.	3114.83 Cu. Yd.	3946.50 Cu. Yd.	831.67 Cu. Yd.<Fill>
UPPER SITE	1.00	1.00	54718.18 Sq. Ft.	4871.86 Cu. Yd.	3821.54 Cu. Yd.	1050.32 Cu. Yd.<Cut>
Totals			147580.86 Sq. Ft.	7986.68 Cu. Yd.	7768.04 Cu. Yd.	218.64 Cu. Yd.<Cut>

- NOTES:  
1. SEE SHEETS CO.01 AND CO.02 FOR NOTE, LEGEND, ABBREVIATIONS AND DRAWING LIST.



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

PERMIT SET

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**GOX**  
architects  
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**SCE**  
SAEZ CONSULTING ENGINEERS, INC.  
748 Winslow Way E.  
Bainbridge Island, WA, 98110  
PH:(206) 942-4188  
FAX:(206) 238-9125

PROJECT:  
**Canyon River Ranch**

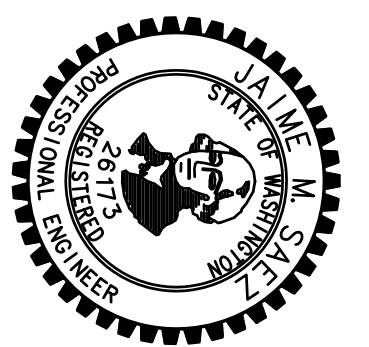
LOCATION:

PREPARED FOR:

DATE

REVISION

PROJECT MANAGER  
SC  
PROJECT ARCHITECT  
SC  
PROJECT TEAM WORKERS  
TS  
CHECK



TITLE  
LOWER SITE  
GRADING/PAVING PLAN

PROJECT NO.  
1310  
DATE  
11 JULY 2014  
PROJECT NETWORK PLAN

SHEET NUMBER  
**C5.01**

SET  
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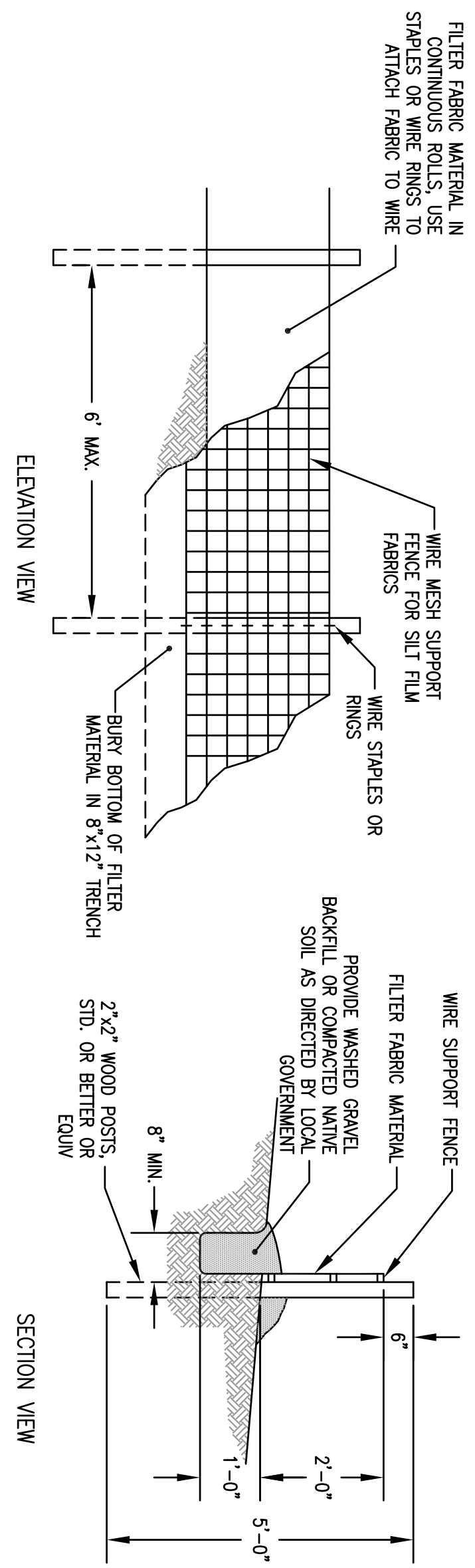




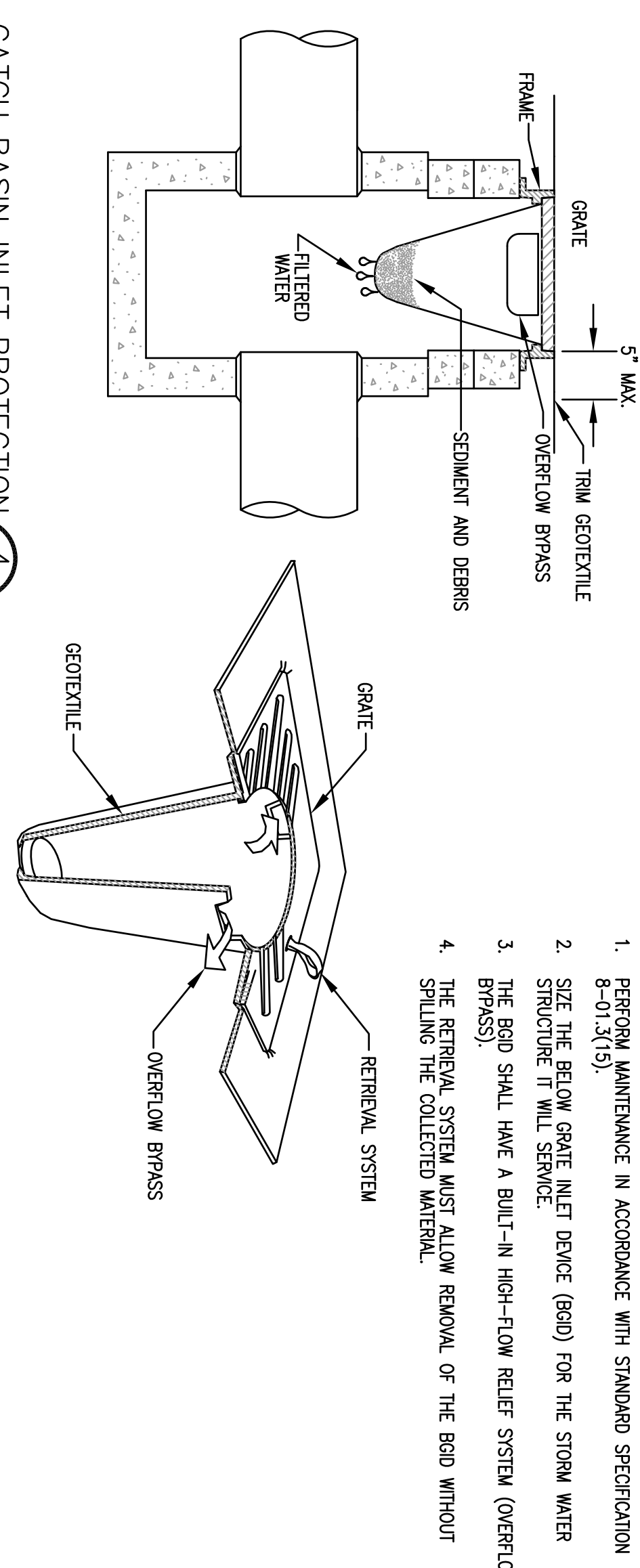




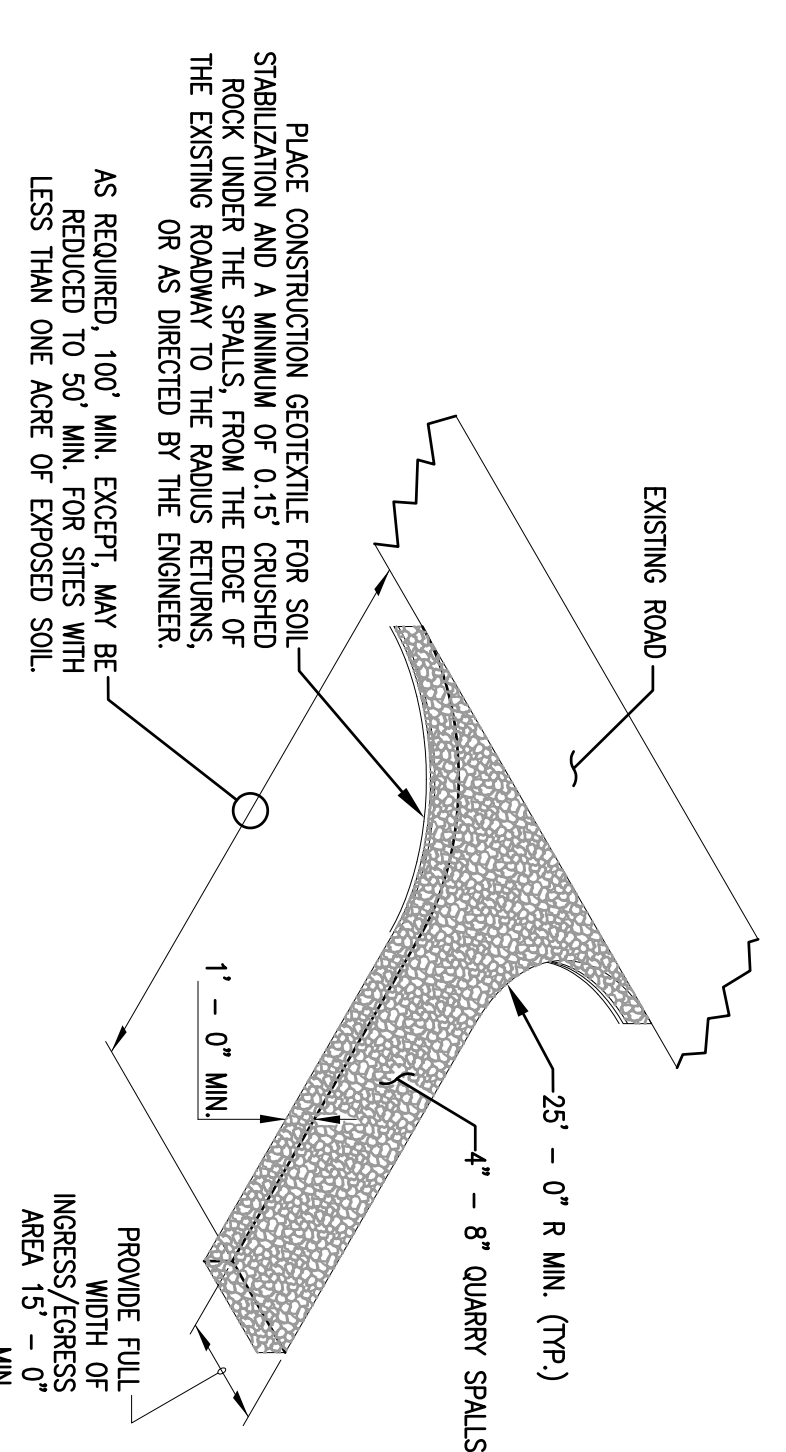




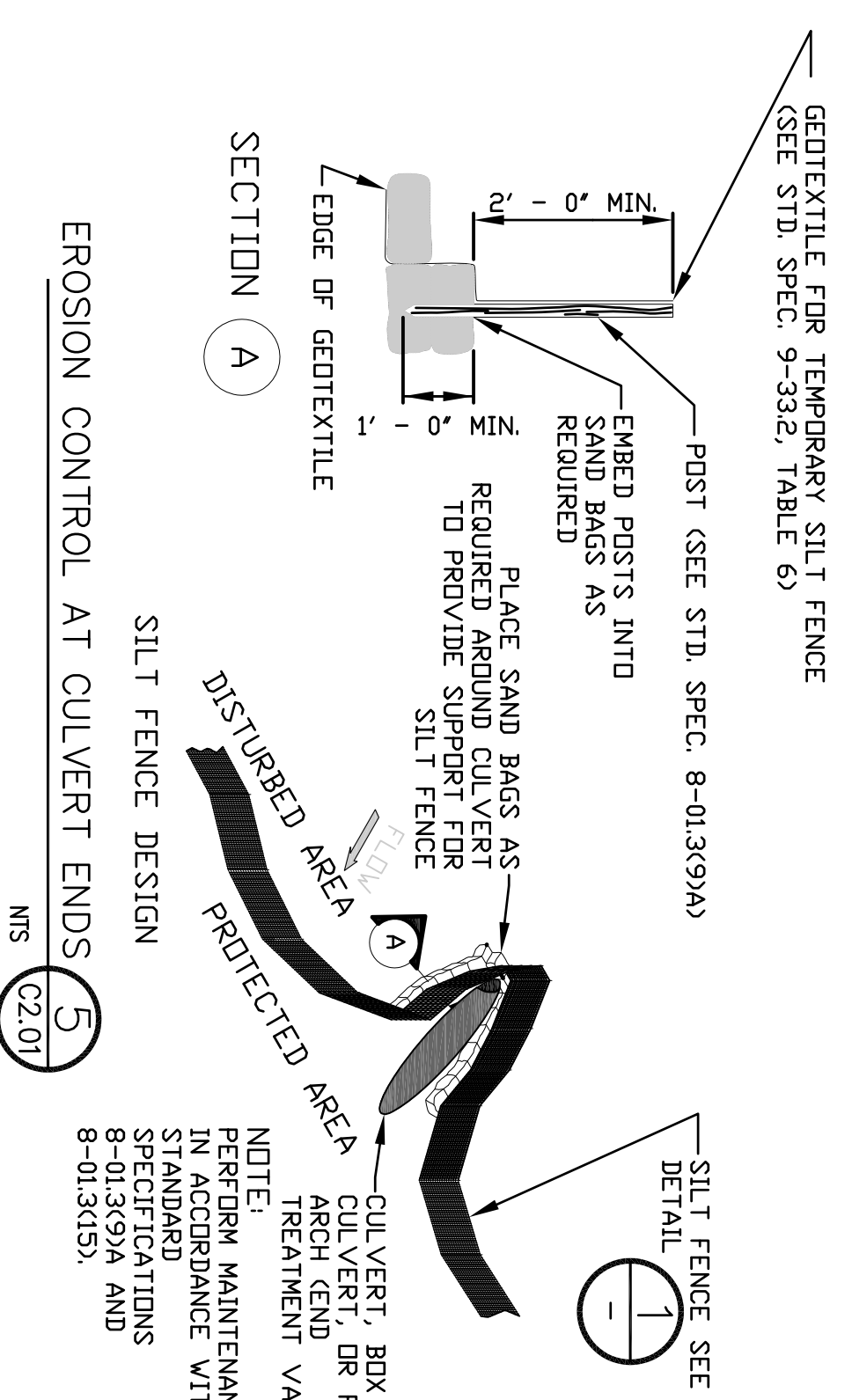
FILTER FABRIC FENCE DETAIL (2) NIS (22.07)



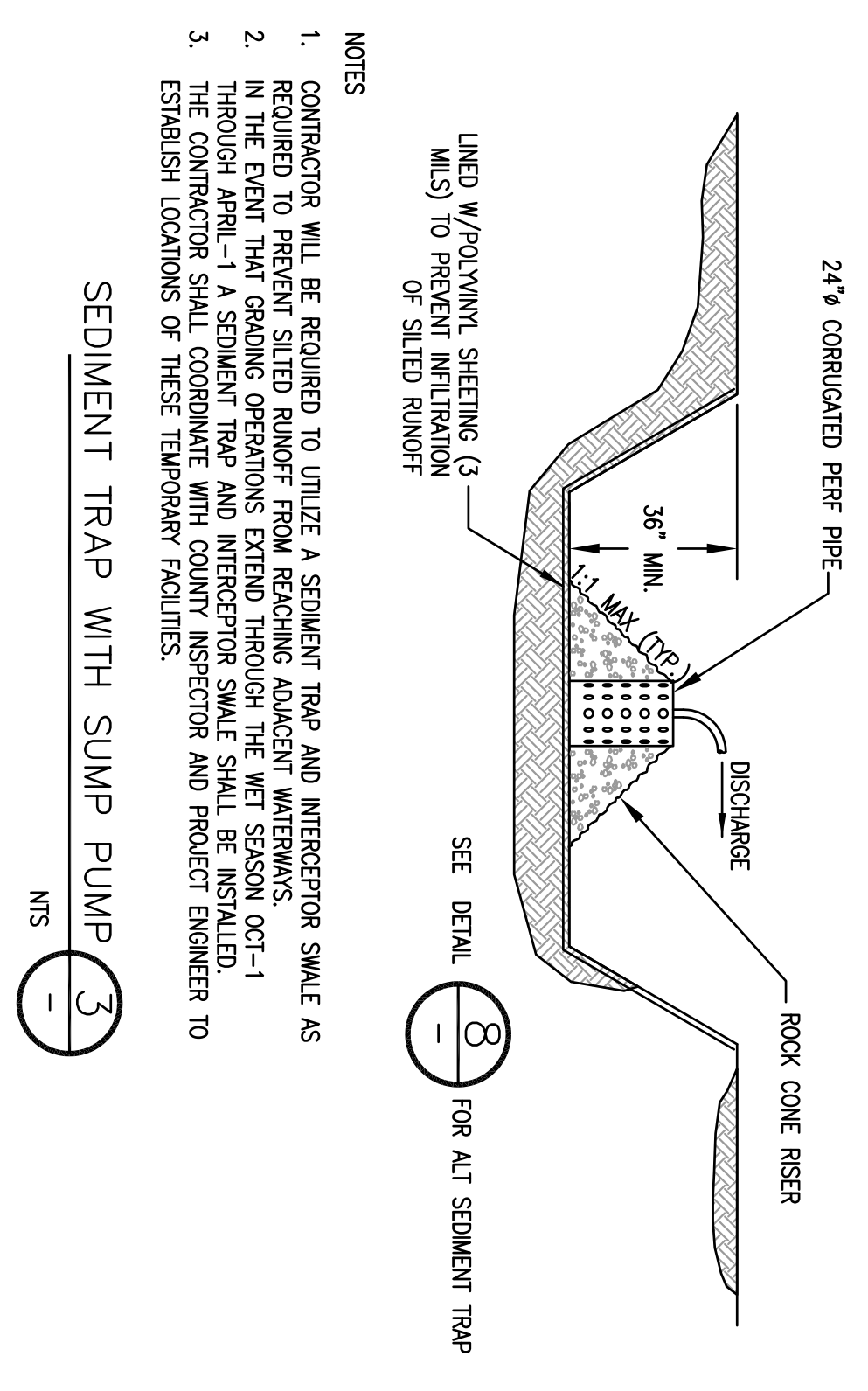
CATCH BASIN INLET PROTECTION (4) NIS (22.07)



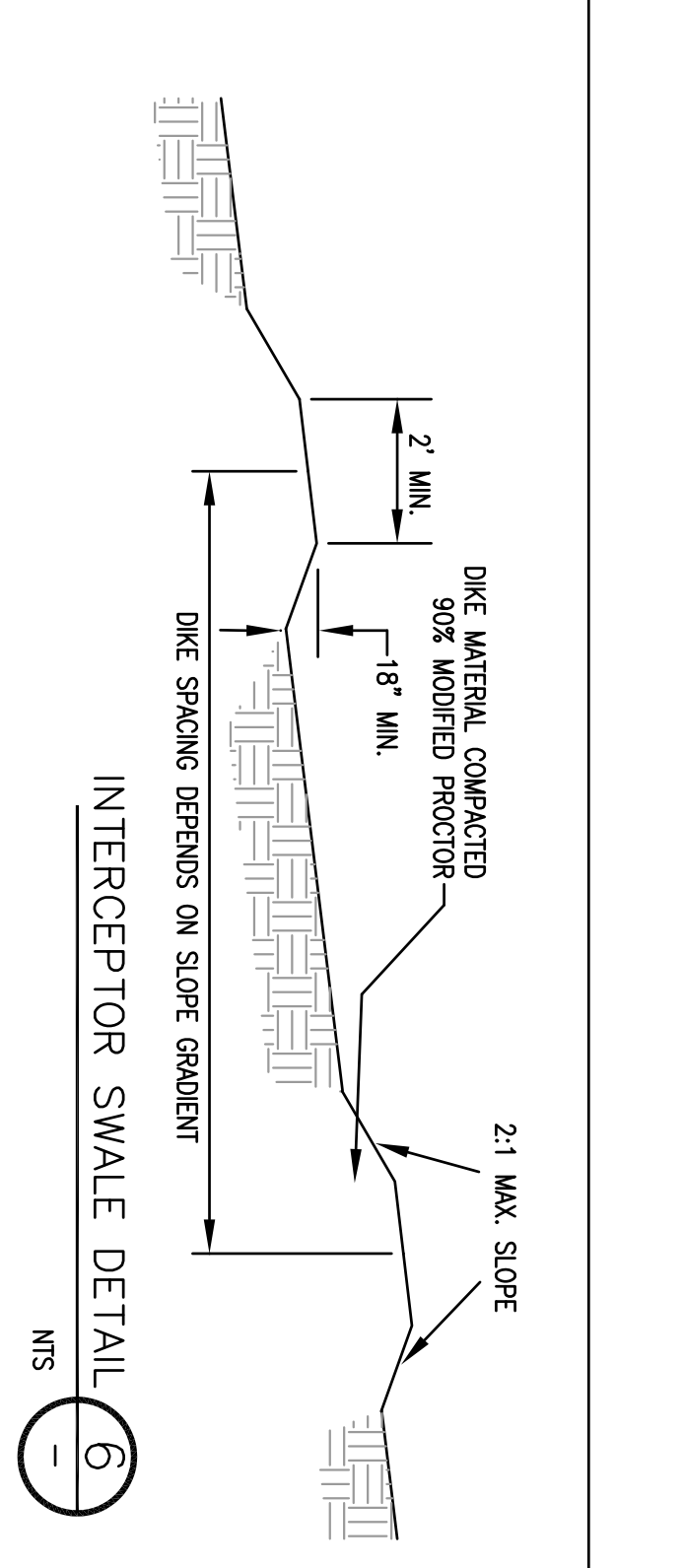
STABILIZED CONSTRUCTION ENTRANCE (2) NIS (22.07)



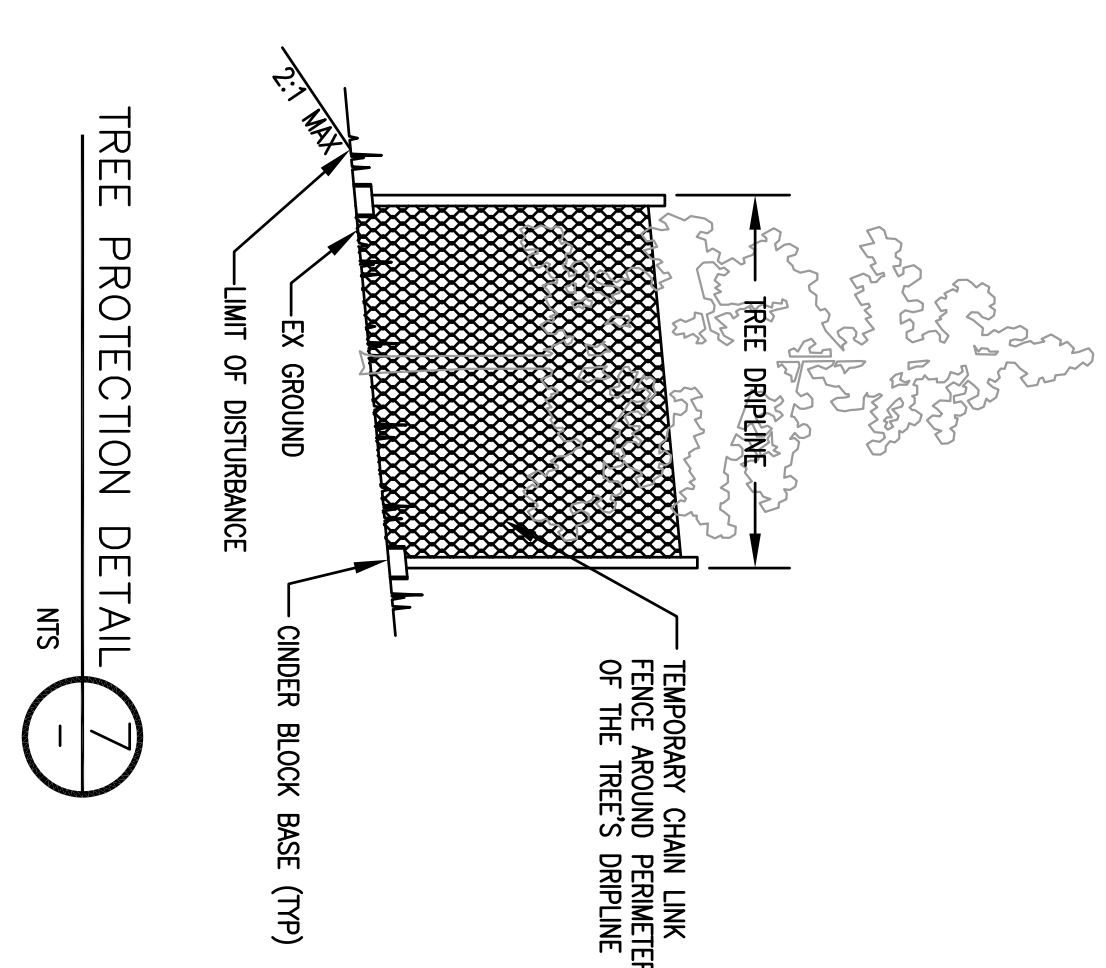
EROSION CONTROL AT CULVERT ENDS (5) NIS (22.07)



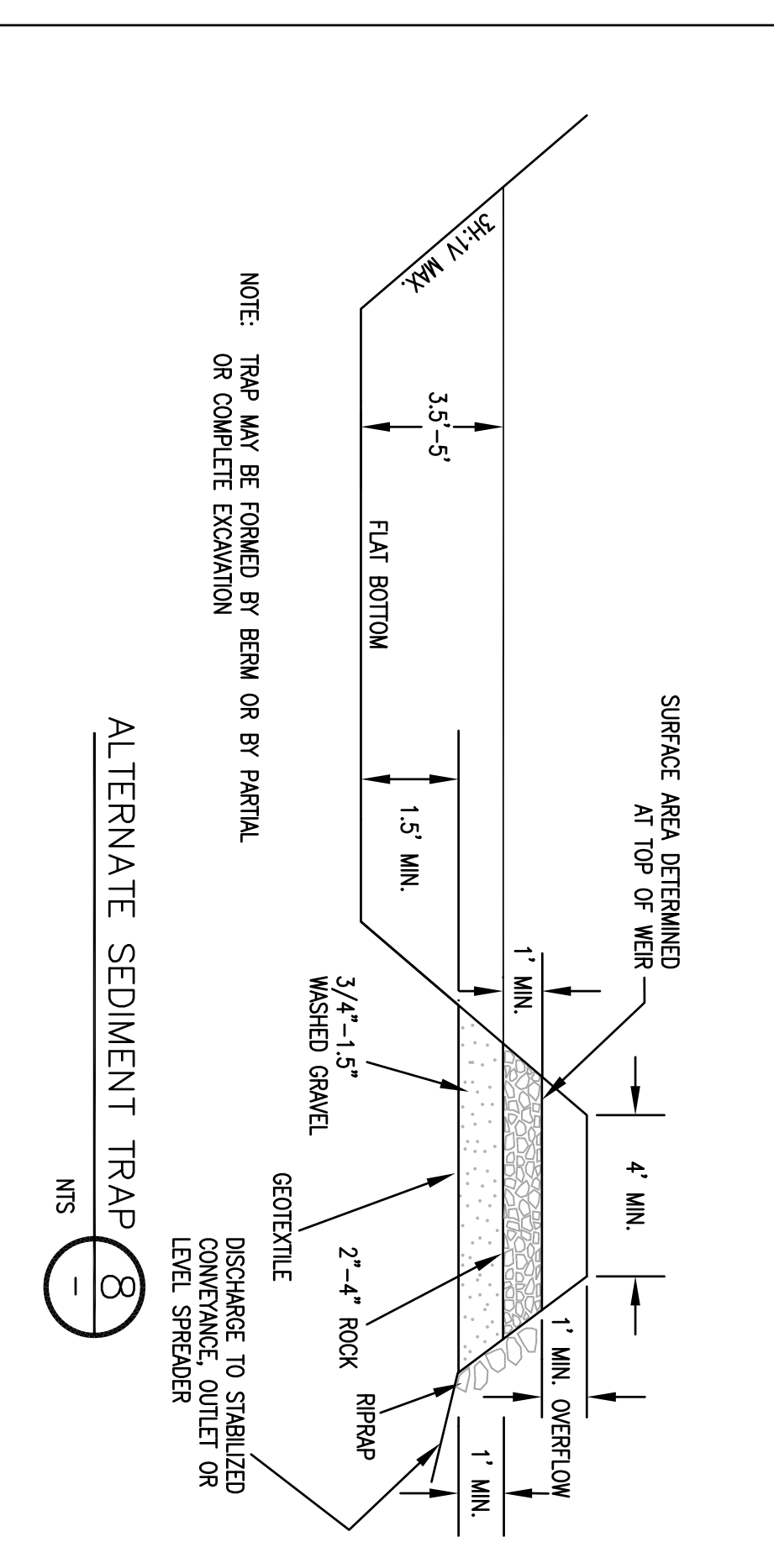
SEDIMENT TRAP WITH SUMP PUMP (3) NIS (22.07)



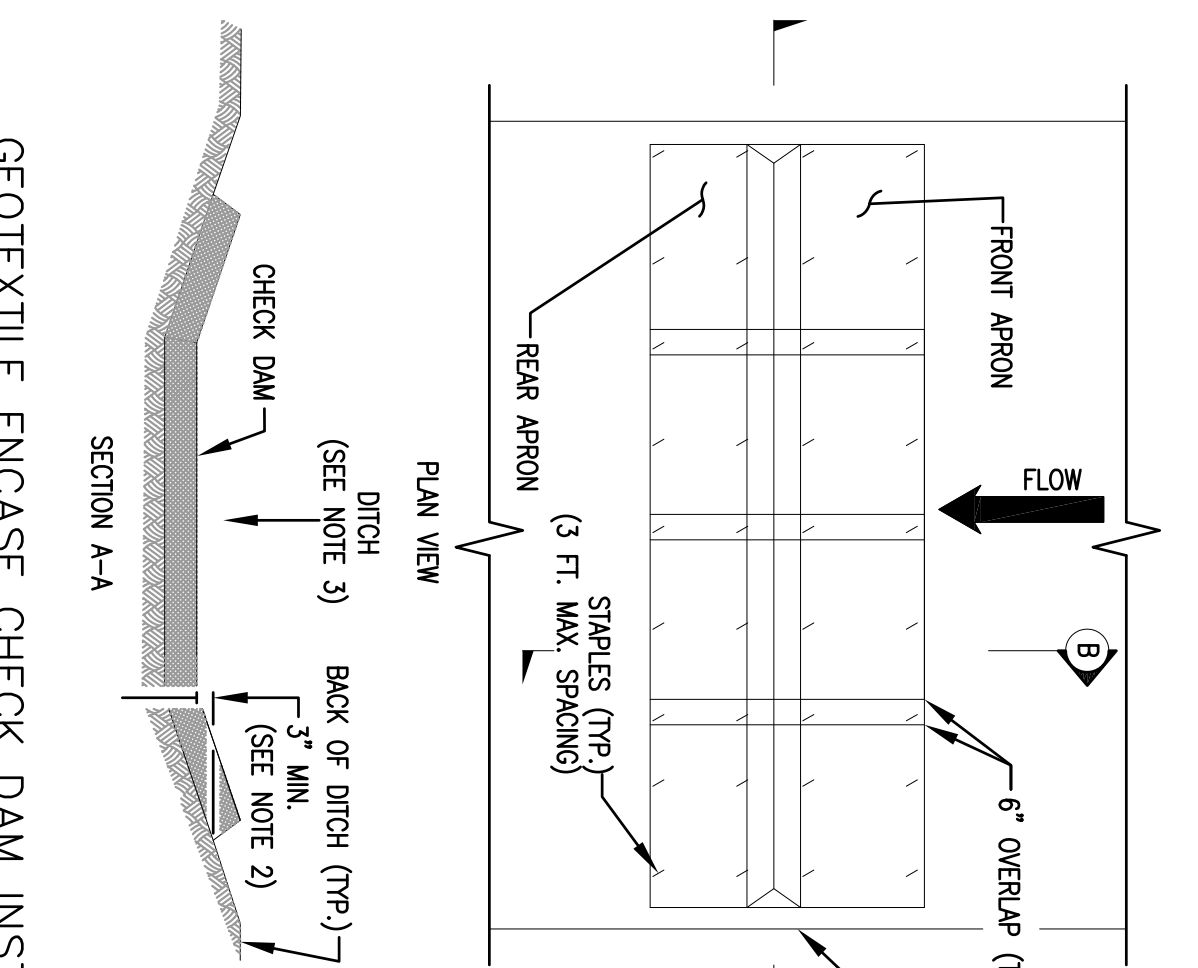
INTERCEPTOR SWALE DETAIL (6) NIS (22.07)



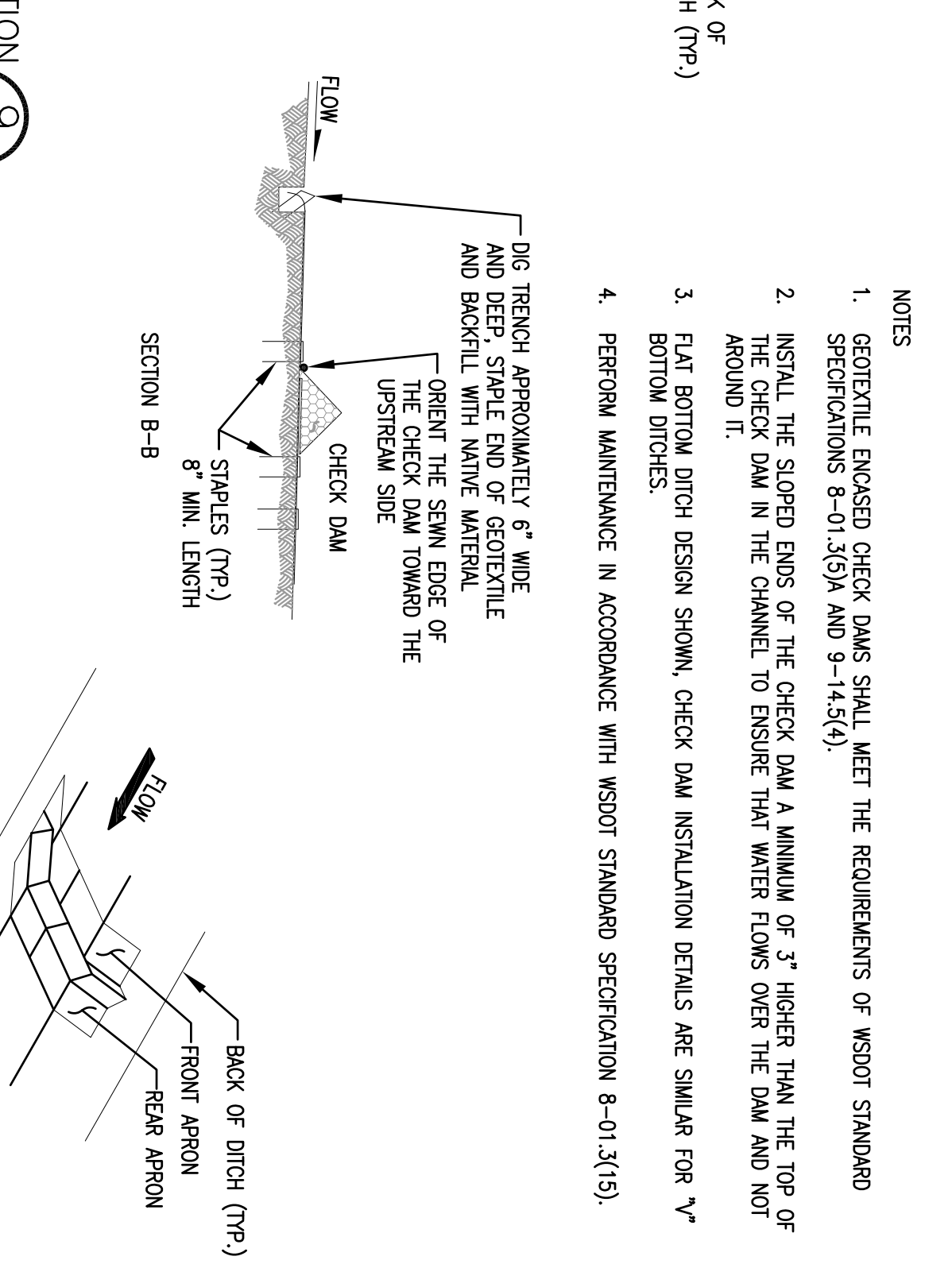
TREE PROTECTION DETAIL (7) NIS (22.07)



ALTERNATE SEDIMENT TRAP (8) NIS (22.07)



GEOTEXTILE ENCASE CHECK DAM INSTALLATION (9) NIS (22.07)



ISOMETRIC VIEW

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 749 Winslow Way E.  
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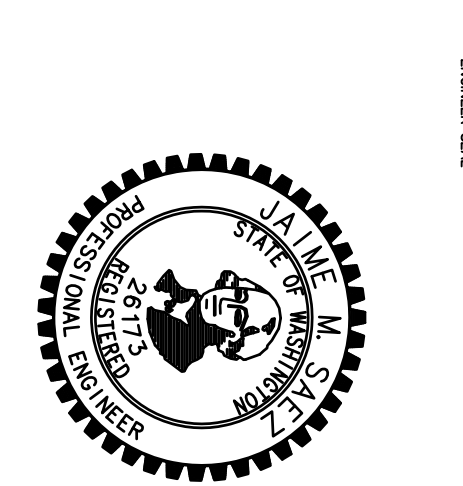
PROJECT:  
**Canyon River Ranch**

LOCATION:

PREPARED FOR:

DATE:

REVISION:



TITLE:  
**SITE DETAILS**

PROJECT NO:  
 1310  
 DATE:  
 11 JULY 2014  
 PROJECT NUMBER:  
 1-800-424-5555

SHEET NUMBER:  
**C9.01**  
 SET



**DRAINAGE NOTES:**

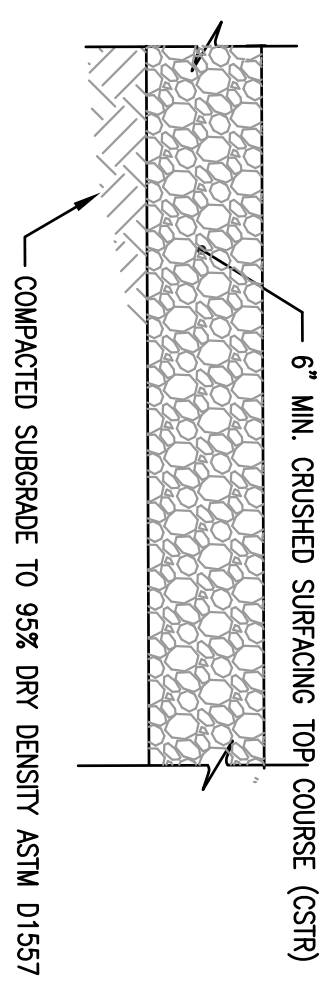
1. THE CONTRACTOR SHALL ENSURE THAT THE DRAINAGE IS INSTALLED AND OPERATIONAL PRIOR TO COMMENCEMENT OF PAVING WORK. STORM DRAIN PIPES SHALL BE 18-INCH N-12 OR EQUAL.
2. CONTRACTOR SHALL CLEAN ALL SEDIMENT OUT OF EXISTING 18" CULVERT PRIOR TO MANHOLE INSTALLATION.

**GRADING NOTES:**

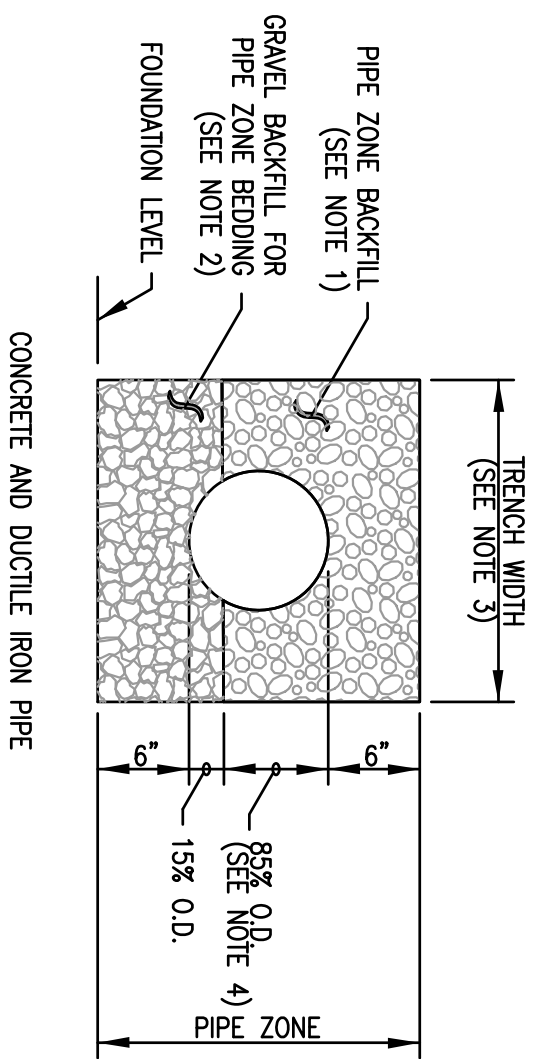
1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN THE EVENT OR DISCOVERY OF POOR SOILS.
2. MAXIMUM SLOPE STEEPNESS SHALL BE 2:1 IN FILL SECTIONS.
3. UNLESS OTHERWISE SPECIFIED, ALL EMBANKMENTS IN THE PLAN SET SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 2-03.3(1)(b) OF THE WSDOT STANDARD SPECIFICATIONS. EMBANKMENT COMPACTIONS SHALL CONFORM TO SECTION 2-03.3(1)(c), METHOD B OF SAND STANDARD SPECIFICATIONS.
4. ALL AREAS RECEIVING FILL MATERIAL SHALL BE PREPARED BY REMOVING VEGETATION, NONCOMPACTING FILL, TOPSOIL AND OTHER UNSUITABLE MATERIAL, BY SCARPING THE SURFACE TO PROVIDE A ROAD WITH THE NEW FILL, AND WHERE SLOPES ARE STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL AND THE HEIGHT IS GREATER THAN 5 FT., BY BENCHING INTO SOUND COMPETENT MATERIAL AS DETERMINED BY A SOILS ENGINEER.

**GENERAL NOTES:**

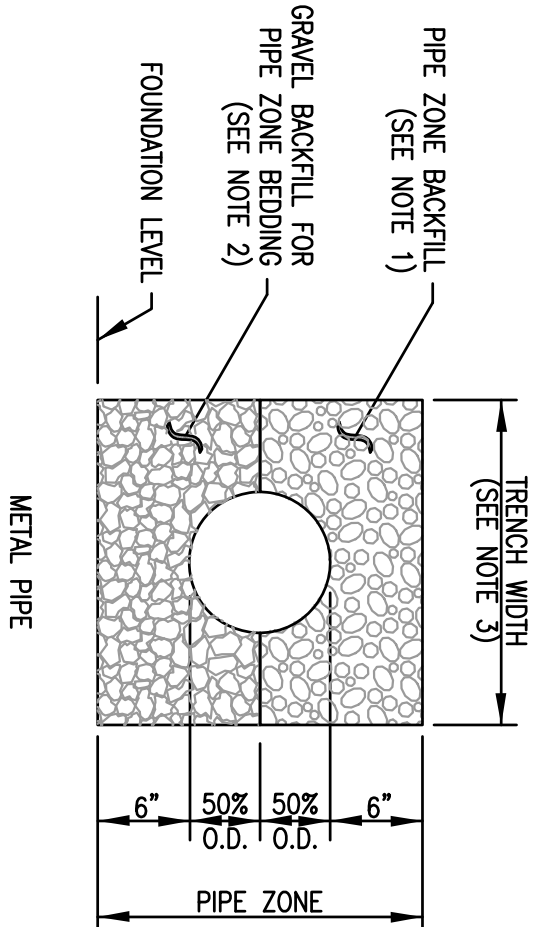
1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE MOST CURRENT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION PREPARED BY WSDOT AND APWA.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS FROM THE STATE OF WASHINGTON PRIOR TO COMMENCING ANY WORK WITHIN WSDOT RIGHT-OF-WAY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE TRAFFIC CONTROL AT ALL TIMES DURING CONSTRUCTION ALONGSIDE OR WITHIN ALL PUBLIC ROADWAYS. TRAFFIC FLOW ON EXISTING PUBLIC ROADWAYS SHALL BE MAINTAINED AT ALL TIMES.
4. THE LOCATIONS OF EXISTING UTILITIES ON THIS PLAN IS APPROXIMATE ONLY. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND LOCATE CENTER 48 HOURS IN ADVANCE OF THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL PROVIDE FOR PROTECTION OF EXISTING UTILITIES FROM DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS.
5. SURVEY CONTROL AND TOPOGRAPHICAL SURVEY PROVIDED BY ESM CONSULTING ENGINEERS. CONTRACTOR'S SURVEYOR SHALL CONTROL AND VERIFY ALL CONTROL POINTS PRIOR TO COMMENCEMENT OF GRADING WORK. SEE DWG C011 FOR TOPOGRAPHICAL SURVEY.



TYPICAL ROCK PAVEMENT SECTION (3)  
SEE LANDSCAPE PLANS FOR DETAILS NTS C5.07



TYPICAL GRAVEL ROAD SECTION (A)  
NTS C5.02

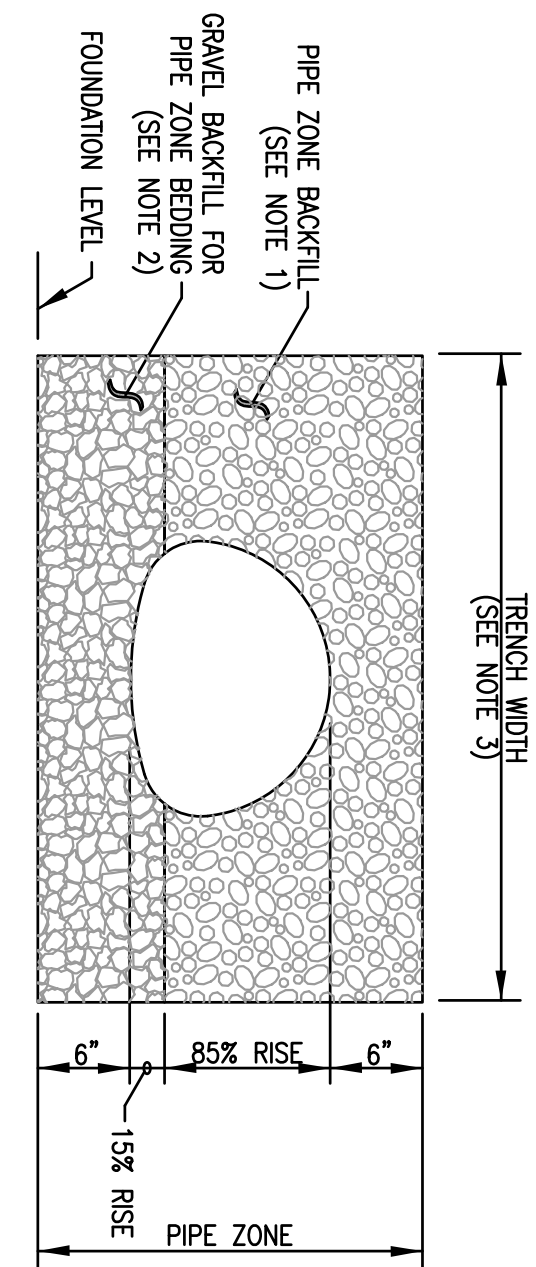


CLEARANCE BETWEEN PIPES FOR MULTIPLE INSTALLATIONS			
PIPE	SIZE	MINIMUM DISTANCE BETWEEN BARRELS	DIM./2
CIRCULAR PIPE (DIAMETERS)	12" to 24"	12"	
	30" to 96"	48"	
	102" to 180"	12"	
PIPE ARCH (SPAN)	18" to 36"	12"	
	43" to 142"	SPAN /3	
METAL ONLY	148" to 200"	48"	

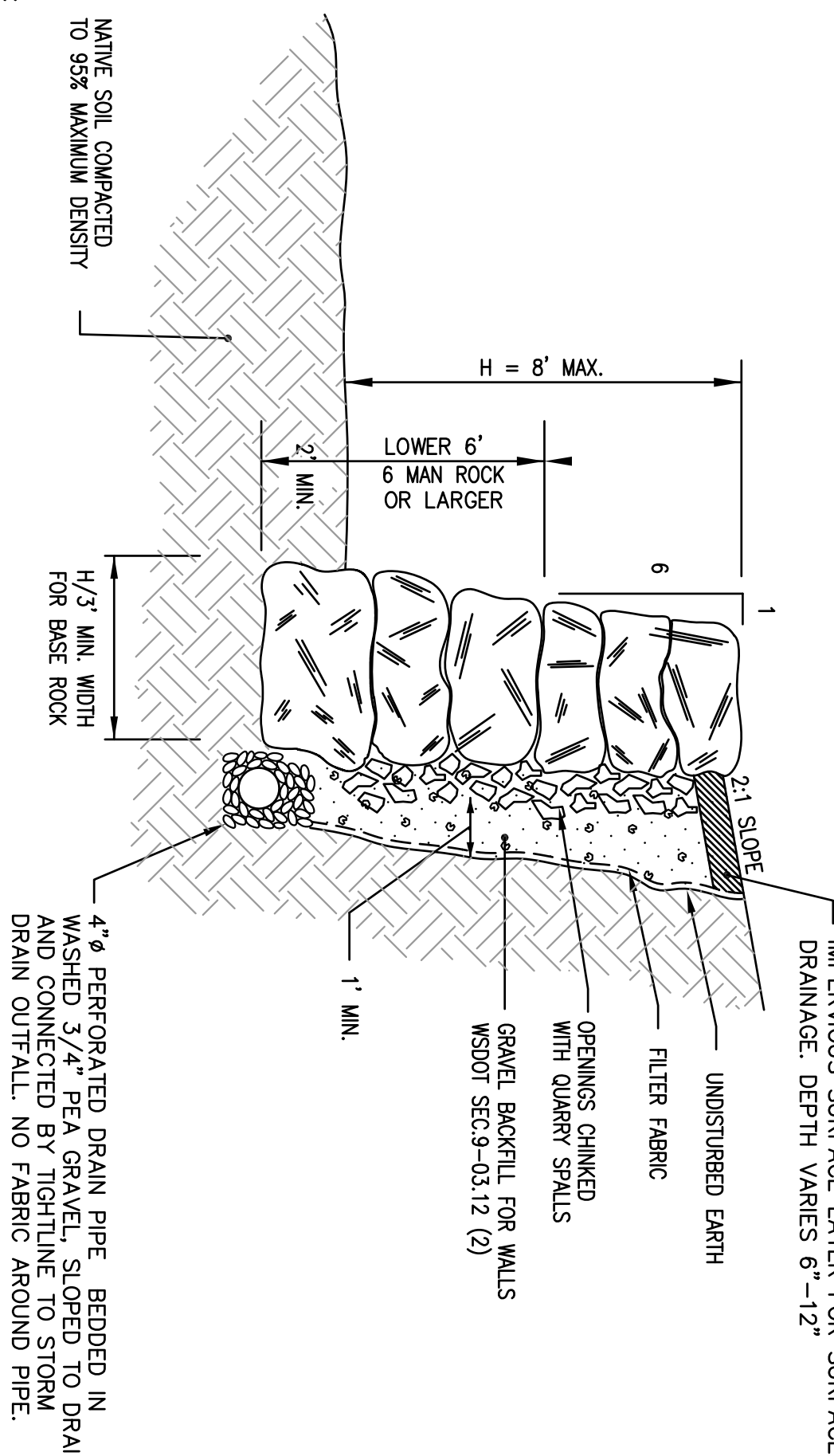
**NOTES**

1. SEE STANDARD SPECIFICATIONS SECTION 7-08.3(3) FOR PIPE ZONE BACKFILL.
2. SEE STANDARD SPECIFICATIONS SECTION 9-03.12(3) FOR GRAVEL BACKFILL FOR PIPE ZONE BEDDING.
3. SEE STANDARD SPECIFICATIONS SECTION 2-09.4 FOR MEASUREMENT OF TRENCH WIDTH.
4. FOR SANITARY SEWER INSTALLATION, CONCRETE PIPE SHALL BE BEDDED TO SPRING LINE.

**PIPE ZONE BEDDING AND BACKFILL (8)**



PIPE ZONE BEDDING AND BACKFILL (8)  
NTS



ROCKERY HEADWALL (1)  
NTS C5.01/C5.02

**GENERAL NOTES:**

1. MAXIMUM H = 8'
2. ROCKERY TO BE ERECTED UNDER DIRECTION AND SUPERVISION OF THE ENGINEER.
3. THE FACE OF THE ROCKERY WALL SHALL BE INSTALLED WITH A SMOOTH FACE. MAX SLOPE 1 TO 6.
4. THE LONG DIMENSION OF THE ROCKS SHALL EXTEND INTO THE EARTH TO PROVIDE MAXIMUM STABILITY.
5. THE ROCKS SHALL BE PLACED TO LOCK INTO THE LOWER TIER.
6. MIN. 2' KEY INTO ORIGINAL UNDISTURBED EARTH.
7. APPROXIMATE ROCK SIZED BASED ON 163 LBS./CUBIC FOOT.

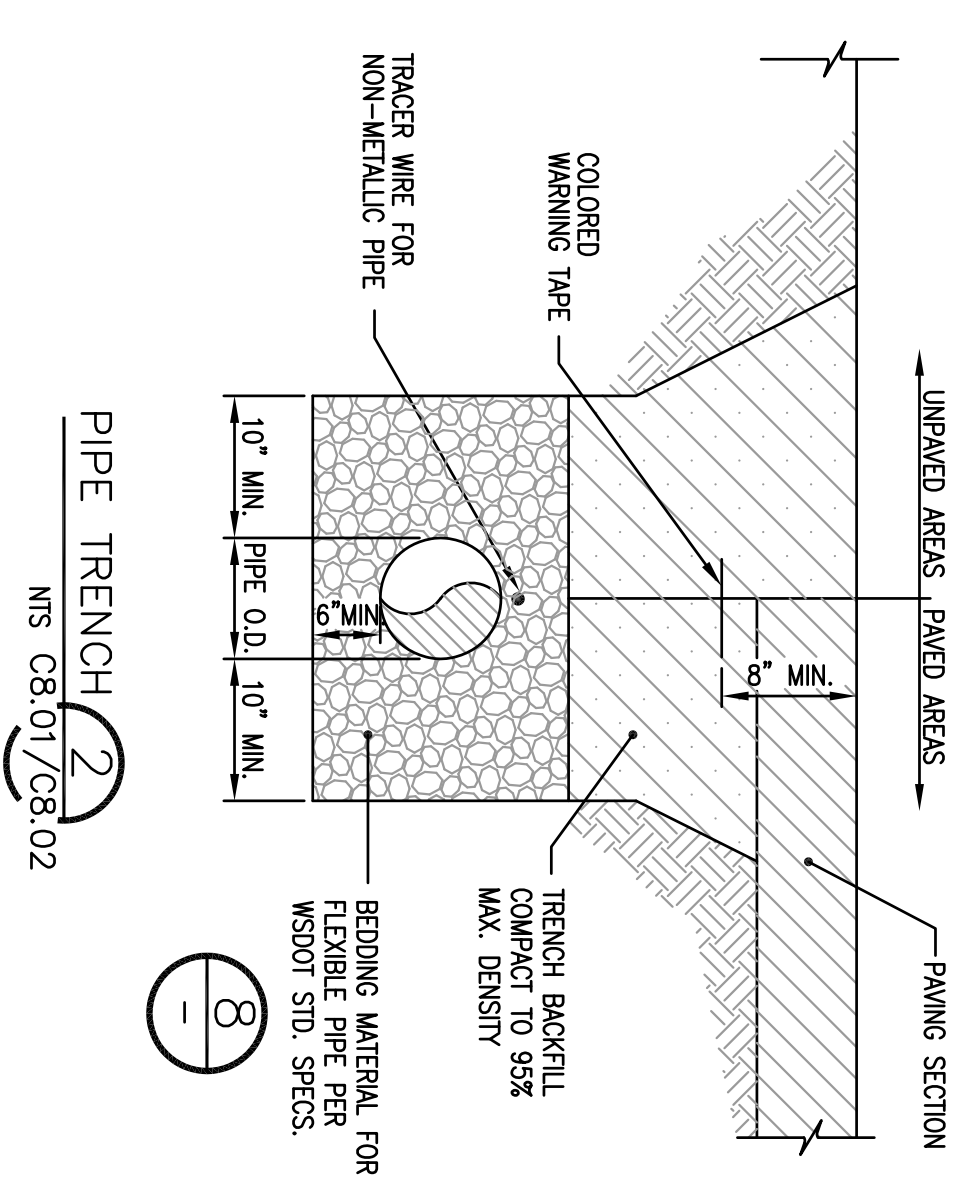
APPROXIMATE WEIGHT - LBS.	APPROXIMATE VOLUME - CU. FT.
1 MAN 100 - 400	0.6 - 2.5
2 MAN 500 - 800	3.0 - 5.0
3 MAN 900 - 1200	5.5 - 7.5
4 MAN 1300 - 1600	8.0 - 10.0
5 MAN 1700 - 2000	10.5 - 12.5
6 MAN 2100 - 2400	13.0 - 15.0

**GENERAL NOTES:**

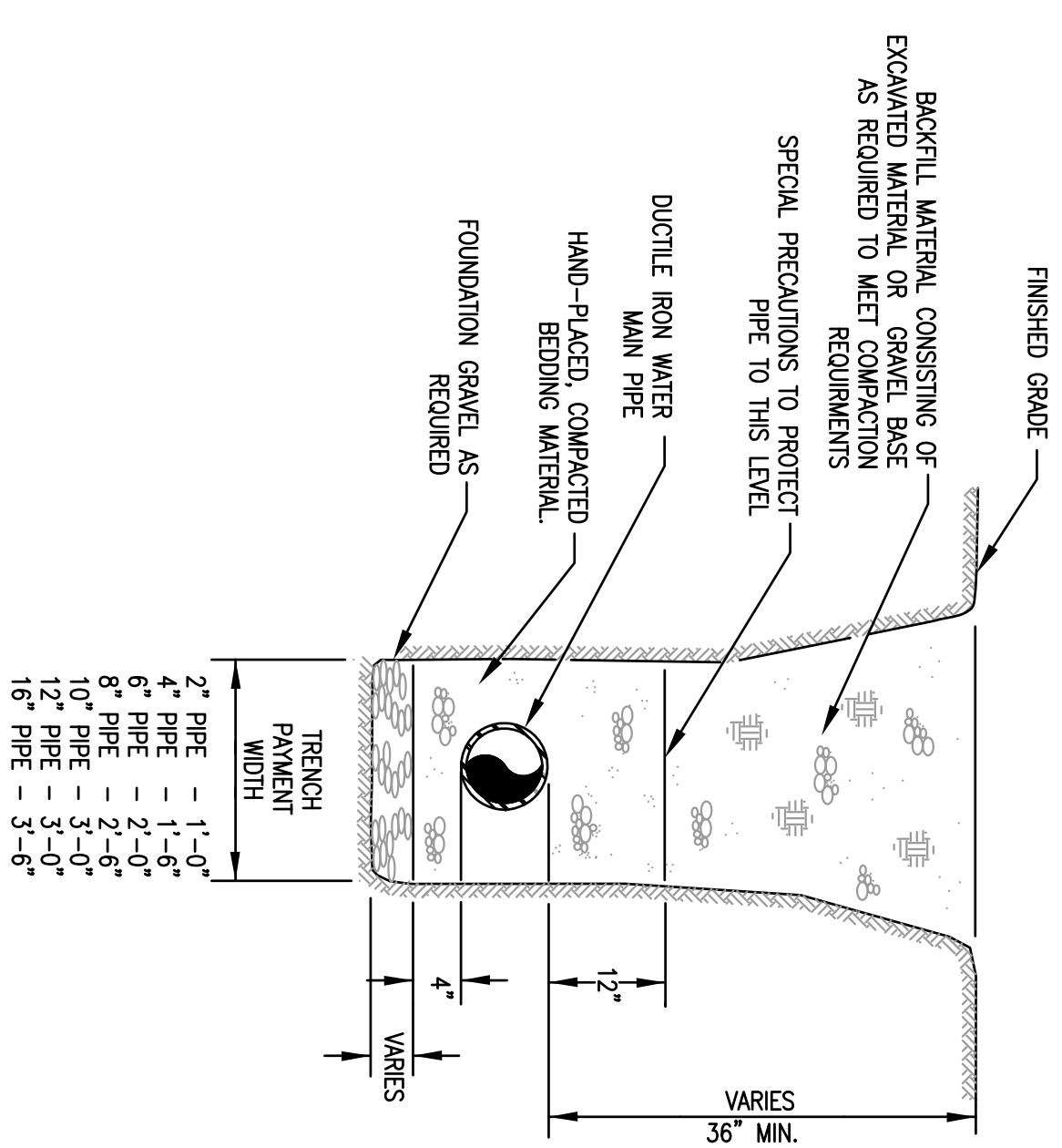
1. IMPERVIOUS SURFACE LAYER FOR SURFACE DRAINAGE. DEPTH VARIES 6"-12"
2. UNDISTURBED BATH
3. FILTER FABRIC
4. OPENINGS CHINKED WITH QUARRY SPALLS
5. GRAVEL BACKFILL FOR WALLS WSDOT SEC.9-03.12 (2)
6. 1" MIN.
7. 4" PERFORATED DRAIN PIPE BEDDED IN WASHED 3/4" PEA GRAVEL, SLOPED TO DRAIN AND CONNECTED BY TIGHTLINE TO DRAIN DRAIN OUTFALL. NO FABRIC AROUND PIPE.
8. 1/2" MIN. WIDTH FOR BASE ROCK
9. H = 8' MAX.
10. LOWER 6" 6 MAN ROCK OR LARGER
11. 2" MIN.
12. 1.5% SLOPE
13. 6 MAN SOIL COMPACTED TO 95% MAXIMUM DENSITY

**NOTES**

1. SEE GRADING PLAN FOR SIDE SLOPE, CUT/FILL AND PROFILE.



PIPE TRENCH (2)  
NTS C8.01/C8.02

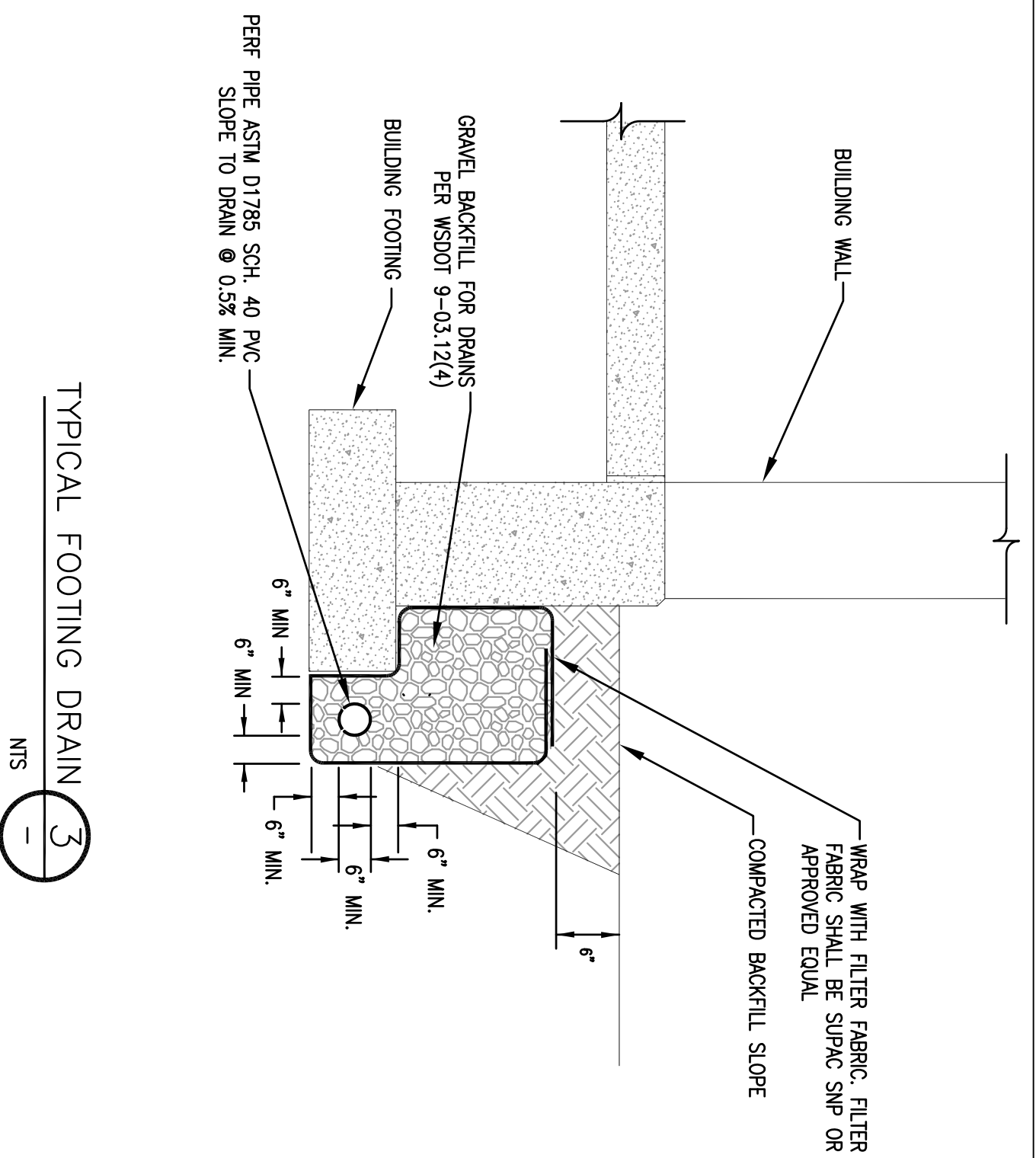


WATER MAIN TRENCH SECTION (4)  
NTS C8.01/C8.02

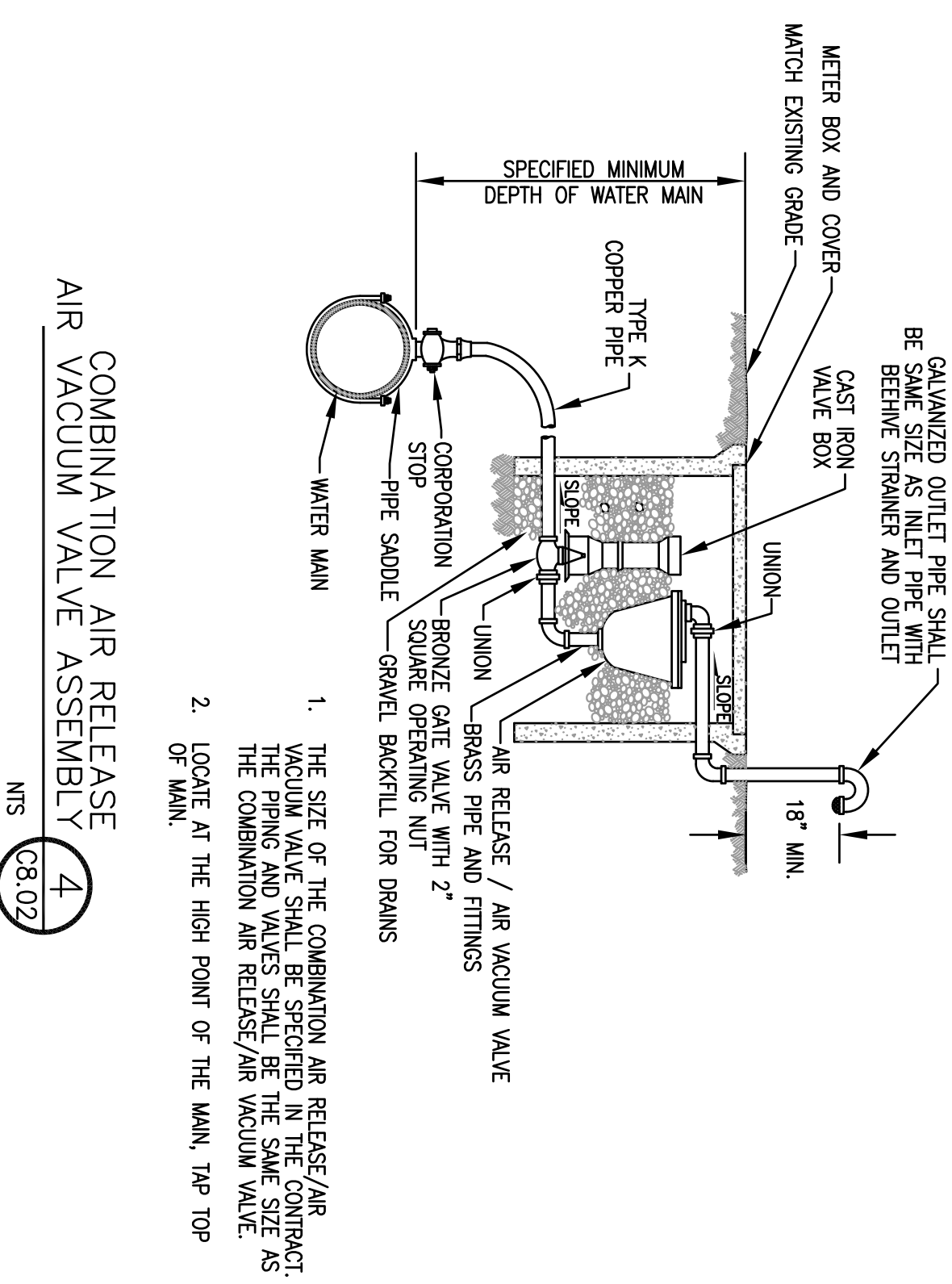
**PERMIT SET**



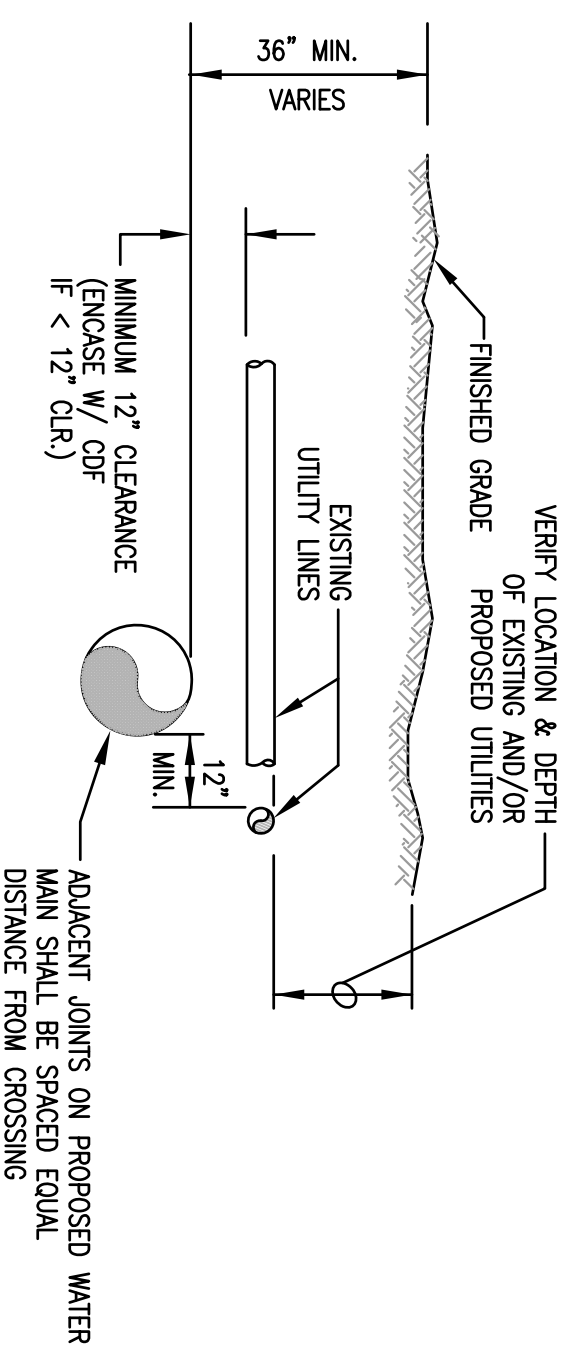




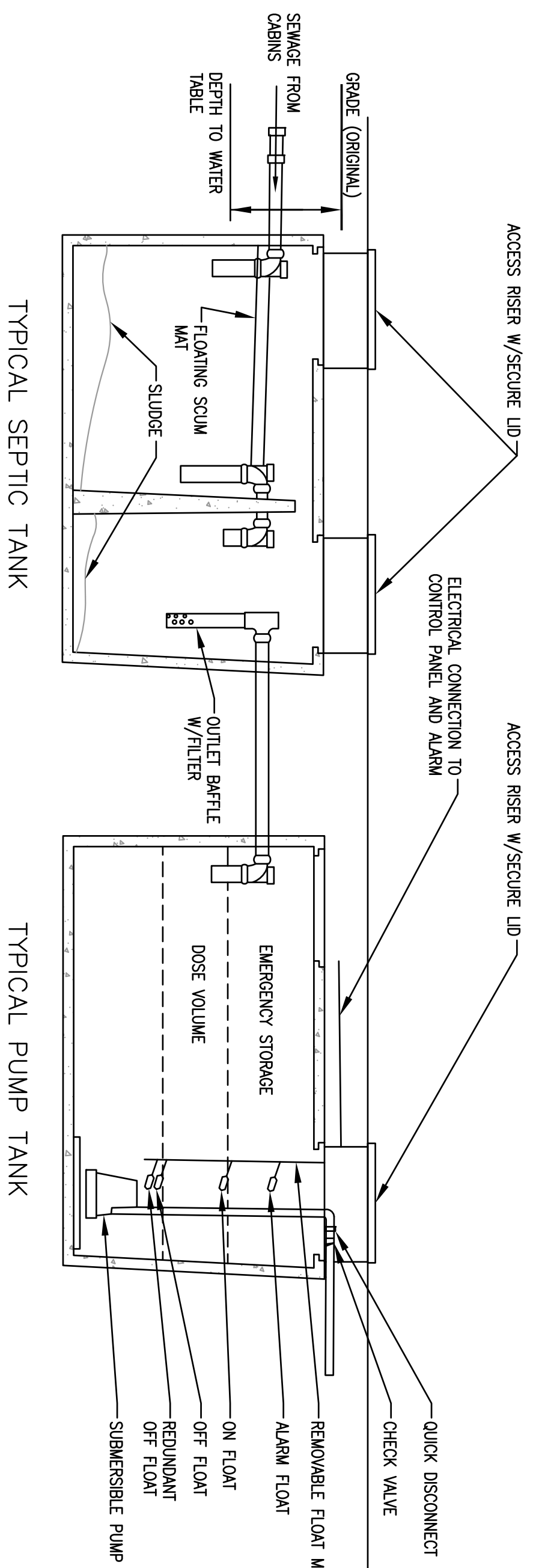
TYPICAL FOOTING DRAIN  
NTS



COMBINATION AIR RELEASE  
AIR VACUUM VALVE ASSEMBLY  
NTS

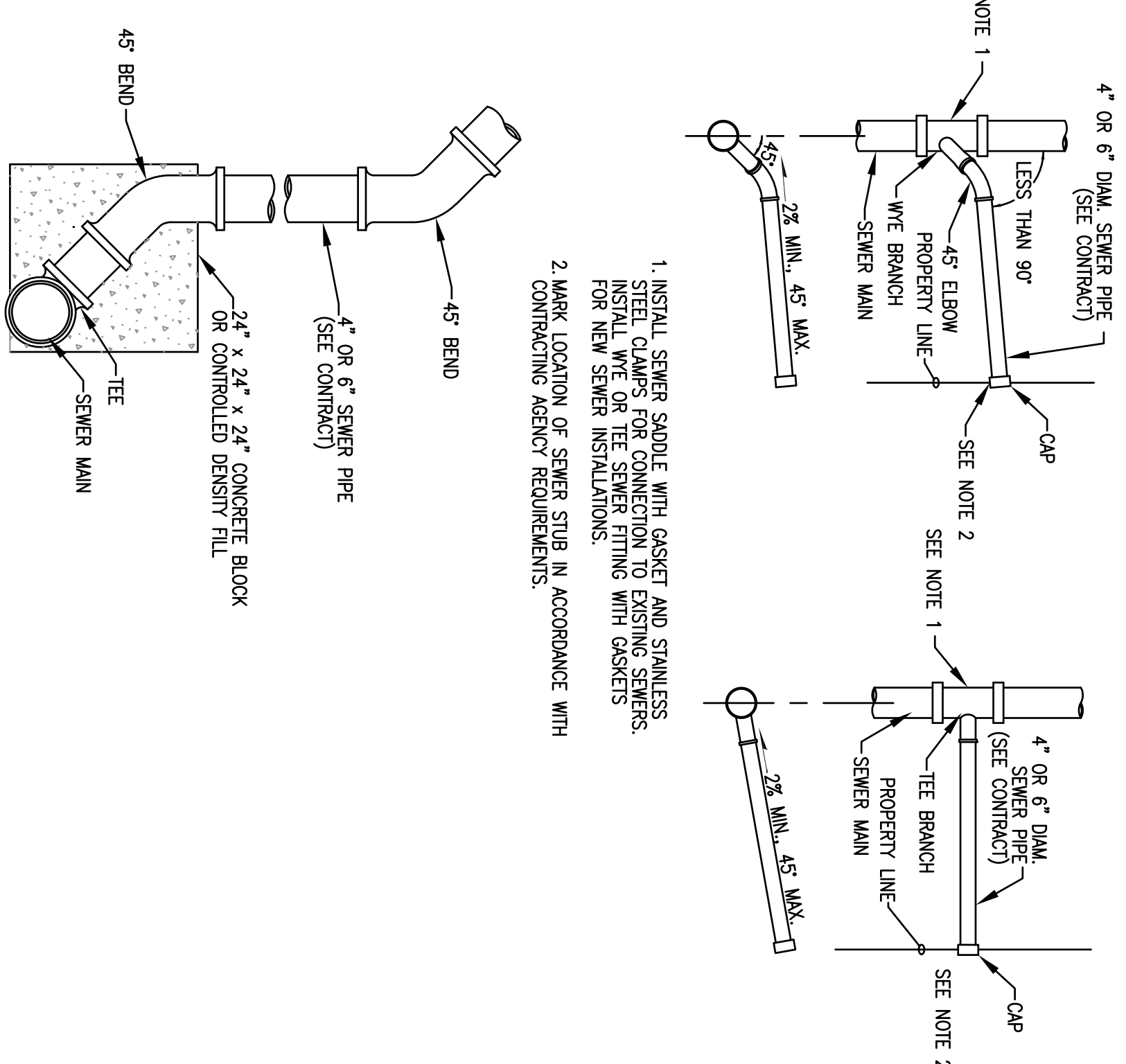


TYPICAL UTILITY CROSSING  
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TYPICAL SEPTIC AND PUMP TANKS  
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SIDE SEWER CONNECTIONS  
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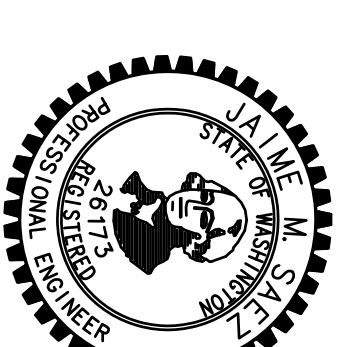
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PH: (206) 942-4188  
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PROJECT:  
Canyon River  
Ranch

LOCATION:  
PREPARED FOR:

DATE: REVISION:

PROJECT MANAGER: SC  
PROJECT ARCHITECT: SC  
PROJECT TEAM MEMBERS: TS  
CHECK: TS  
DRAWN BY: ENGR. SJA



SHEET NUMBER  
C9.03

DATE: 11 JULY 2014  
PROJECT NETWORK PLAN

PROJECT NO: 1310  
SHEET NUMBER: C9.03  
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