

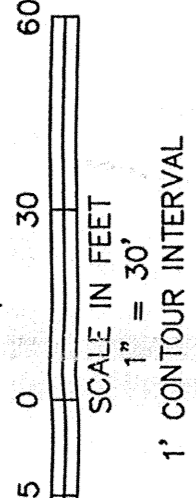
SUZANNE COURT - WESTWOOD COURT SITE PLAN

A PARCEL OF LAND LYING IN A PORTION
OF SECTION 28, TOWNSHIP 57 NORTH, RANGE 2 WEST
BOISE MERIDIAN, BONNER COUNTY, IDAHO

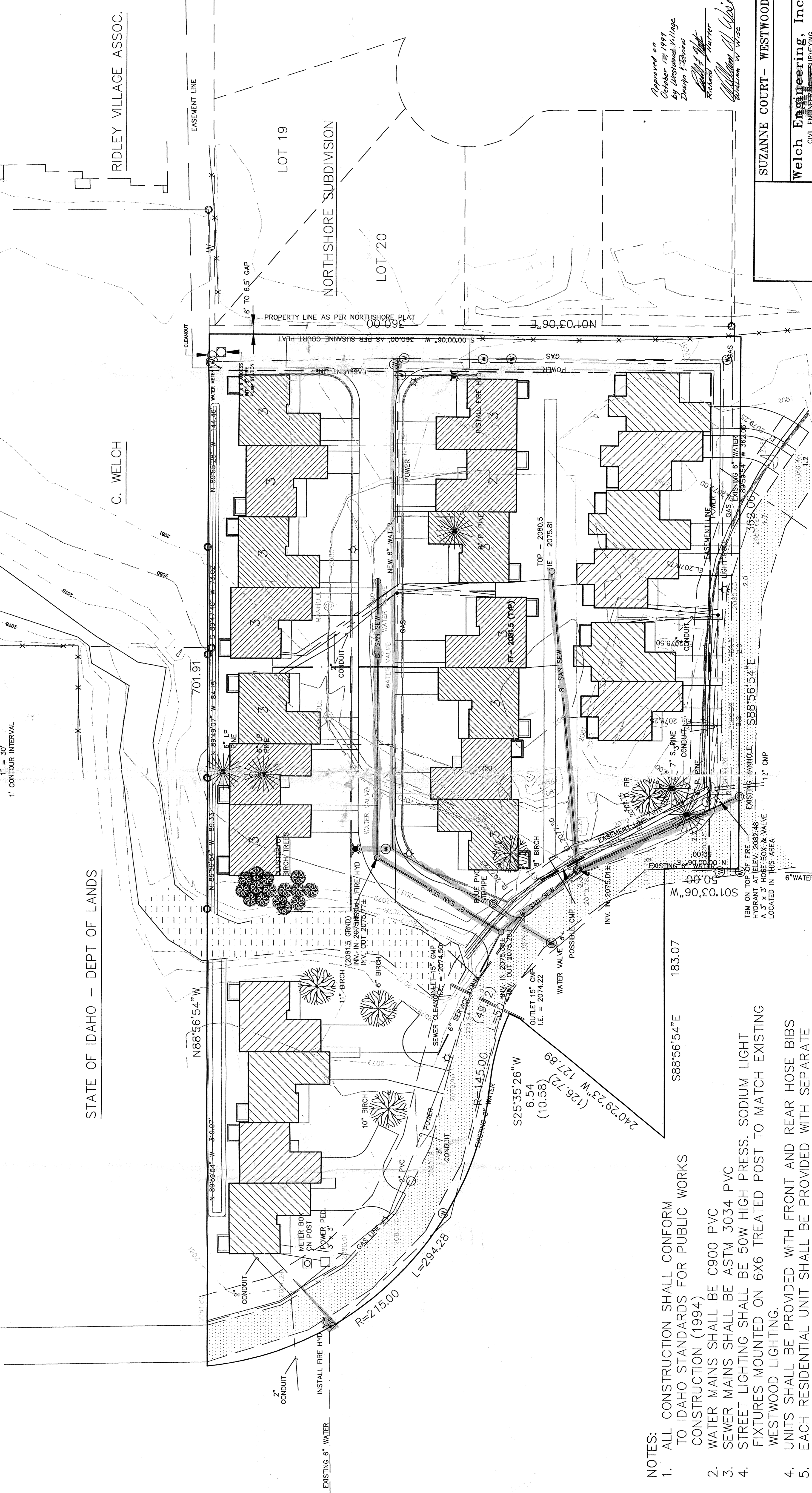
STATE OF IDAHO - DEPT OF LANDS

C. WELCH

RIDLEY VILLAGE ASSOC.



1' CONTOUR INTERVAL



NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (1994)
2. WATER MAINS SHALL BE C900 PVC
3. SEWER MAINS SHALL BE ASTM 3034 PVC
4. STREET LIGHTING SHALL BE 50W HIGH PRESS. SODIUM LIGHT FIXTURES MOUNTED ON 6X6 TREATED POST TO MATCH EXISTING WESTWOOD LIGHTING.
4. UNITS SHALL BE PROVIDED WITH FRONT AND REAR HOSE BIBS
5. EACH RESIDENTIAL UNIT SHALL BE PROVIDED WITH SEPARATE WATER SHUTOFFS.

183.07
S88°56'54"E

240°29'23"W 127.89
(126.72)
S25°35'26"W
6.54
(10.58)

S88°56'54"E
S01°03'06"W

TBM ON TOP OF FIRE HYDRANT AT ELEV. 2082.48 A 3' x 3' HOSE BOX & VALVE LOCATED IN THIS AREA.

Approved on
October 1st 1999
by *William W. Wise*
Design & Review
William W. Wise
Checked by
William W. Wise

SUZANNE COURT - WESTWOOD

Weich Engineering, Inc.
CIVIL ENGINEERING SURVEYING
P.O. BOX 934 - 2028 DUFFY HIGHWAY - SANDPOINT, IDAHO 83864
PHONE (208) 283-8881

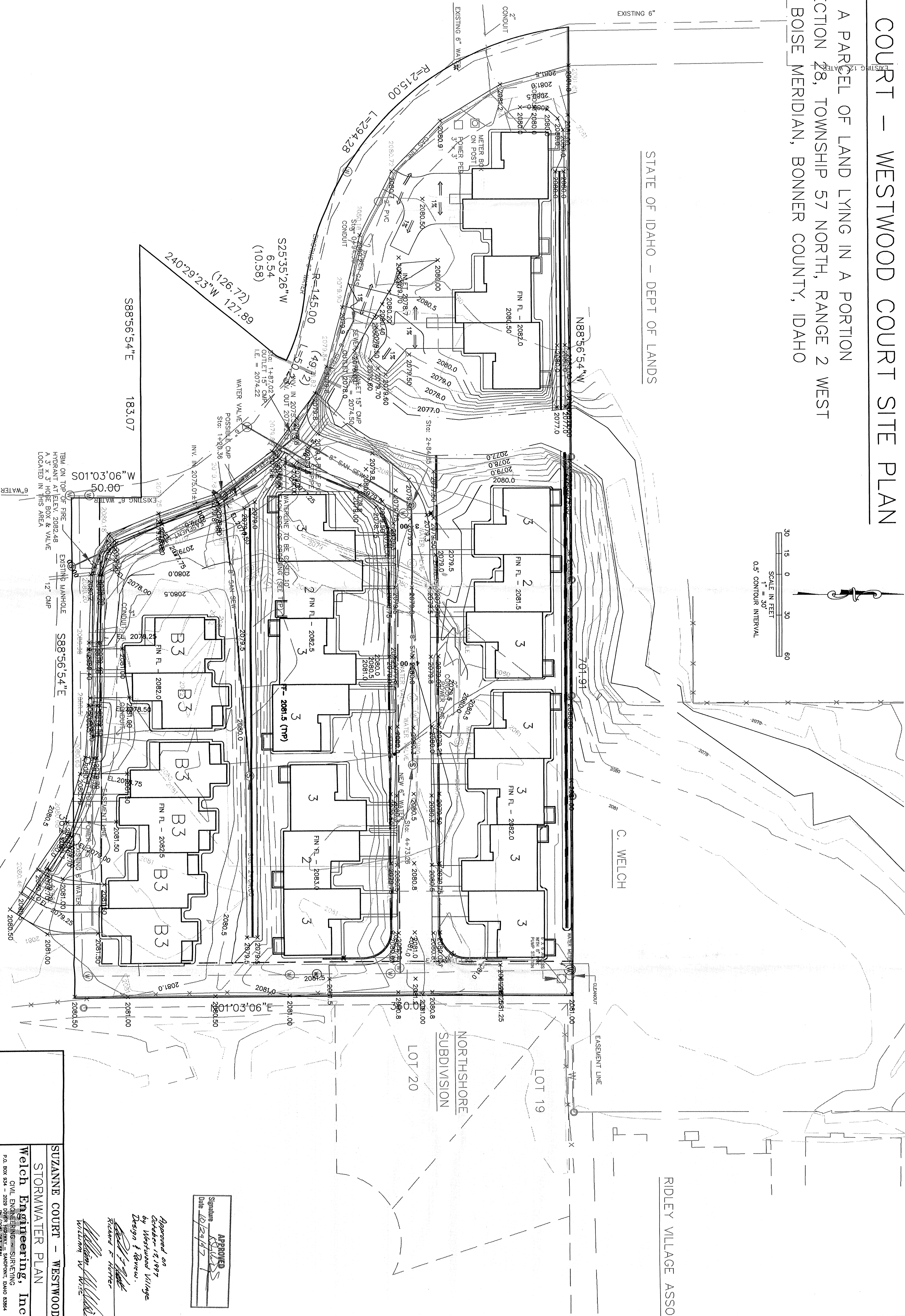
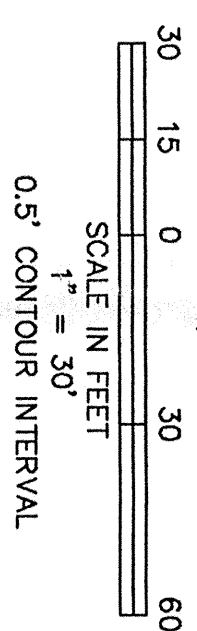
DRAWN BY: DATE: 8/12/97 SHEET 1 OF 3
CHECKED BY: SCALE: 1" = 30'

CALL 48 HOURS BEFORE YOU DIG: 1-800-626-4950

SUZANNE COURT – WESTWOOD COURT SITE PLAN

A PARCEL OF LAND LYING IN A PORTION
OF SECTION 28, TOWNSHIP 57 NORTH, RANGE 2 WEST
BOISE MERIDIAN, BONNER COUNTY, IDAHO

STATE OF IDAHO – DEPT OF LANDS



CALL 48 HOURS BEFORE YOU DIG: 1-800-626-4950

**SUZANNE COURT – WESTWOOD
STORMWATER PLAN**

Welch Engineering, Inc.
CIVIL ENGINEERING & SURVEYING
P.O. BOX 934 – 2029 109TH HIGHWAY – SANDPOINT, IDAHO 83864
PH: (208) 263-7551

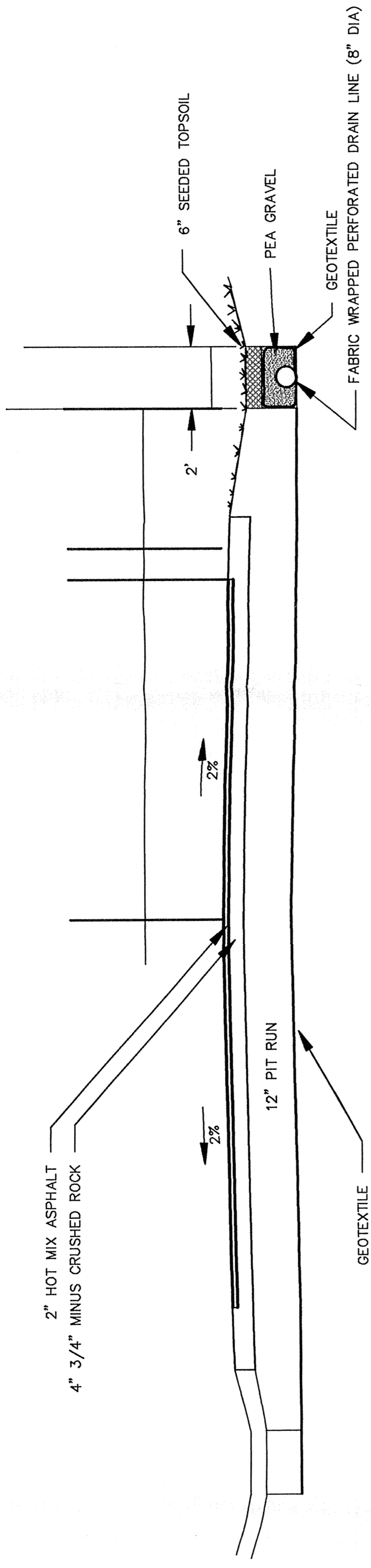
DATE: 8/12/97
SHEET 2 OF 3

APPROVED

Signature: *[Handwritten Signature]*
Date: 10/24/97

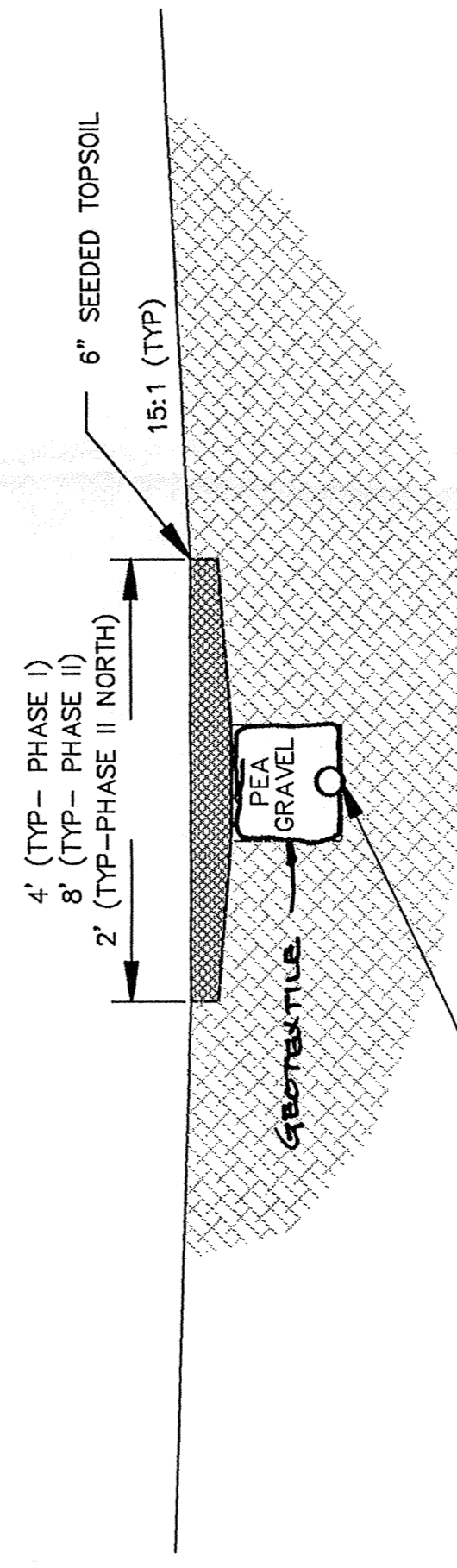
Approved on
October 12, 1997
by Westwood Village
Design & Review.
[Handwritten Signature]
Richard F. Harter
William W. [Handwritten Name]

(TYPICAL BOTH SIDES)



ROAD CROSS SECTION (TYP)

1"=3'



OPEN AREA DRAIN SWALES (TYP)

NTS

APPROVED
Signature: *[Signature]*
Date: 10/28/97

Approved on
October 17, 1997
by *[Signature]*
Westwood Village
Design & Review

[Signature]
Richard F. Horner
[Signature]
William W. Wise

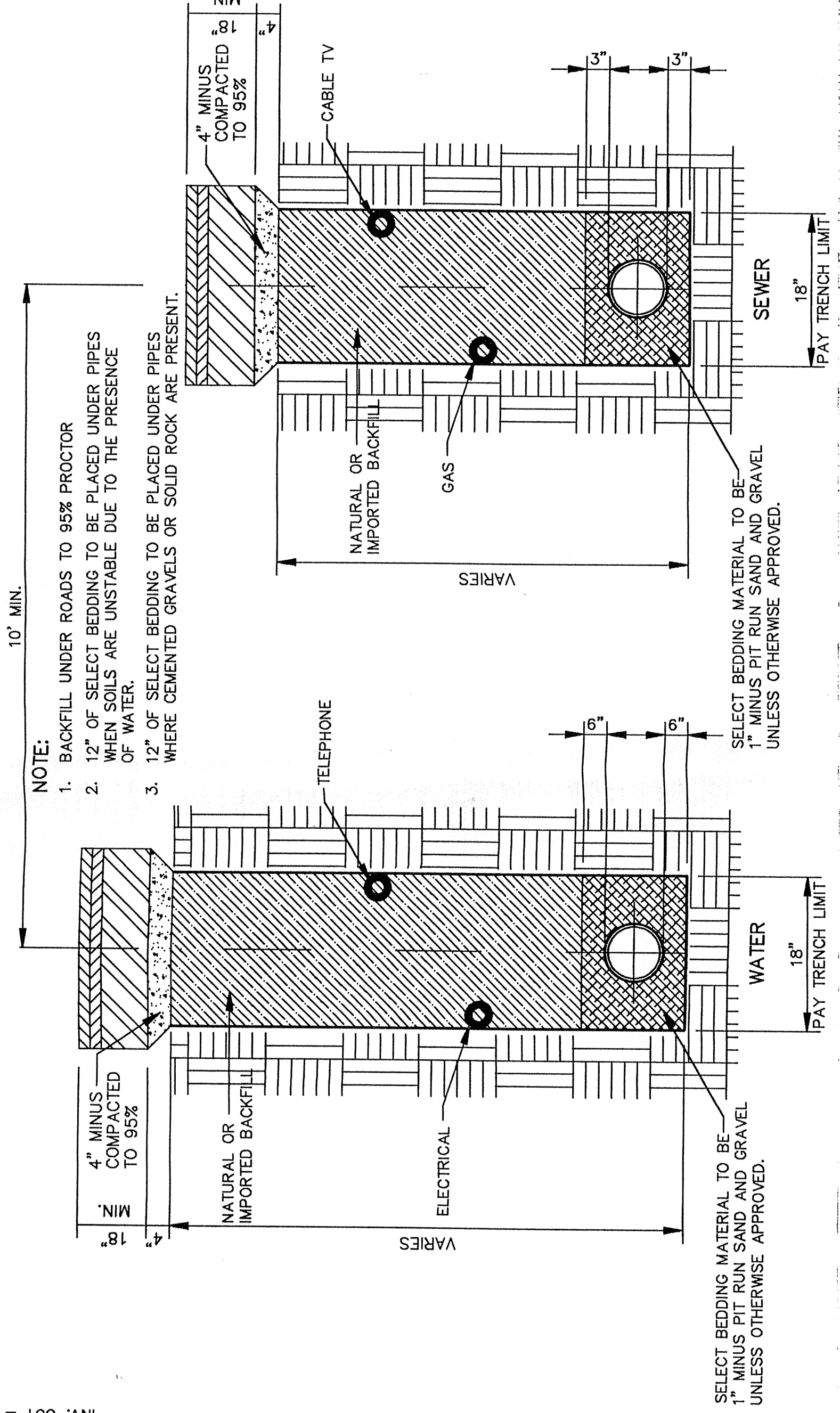
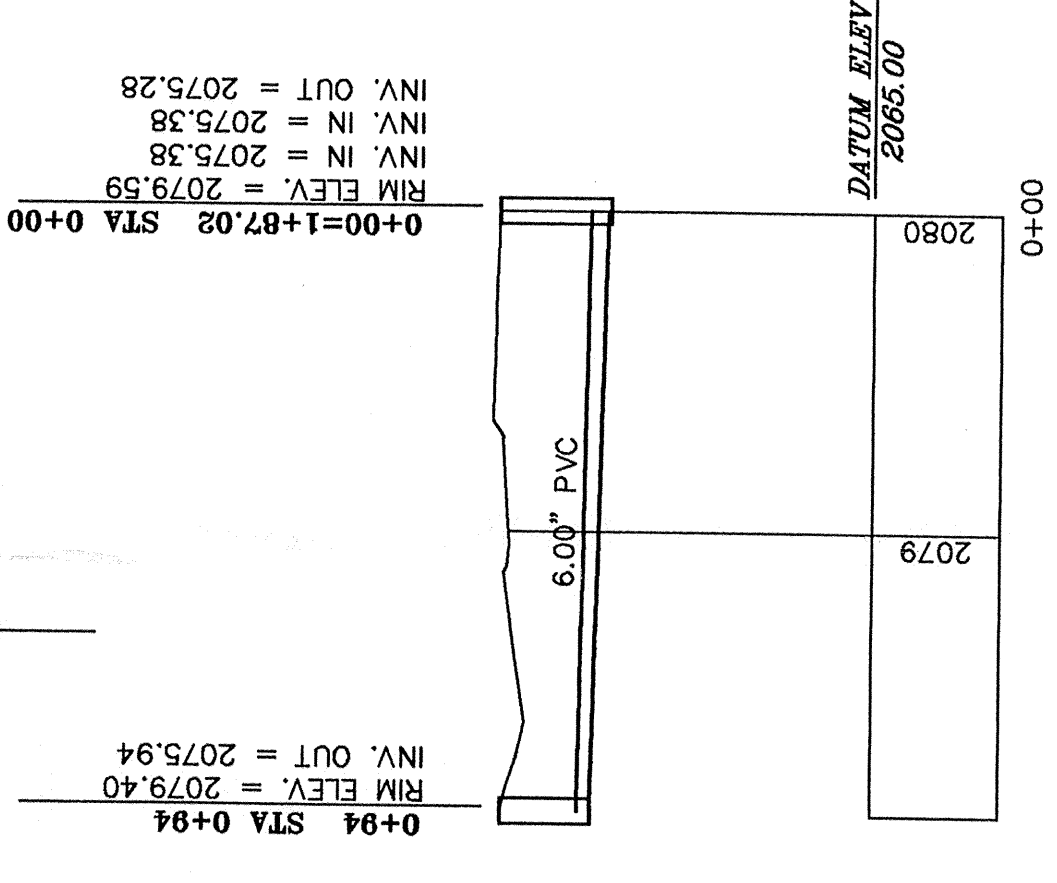
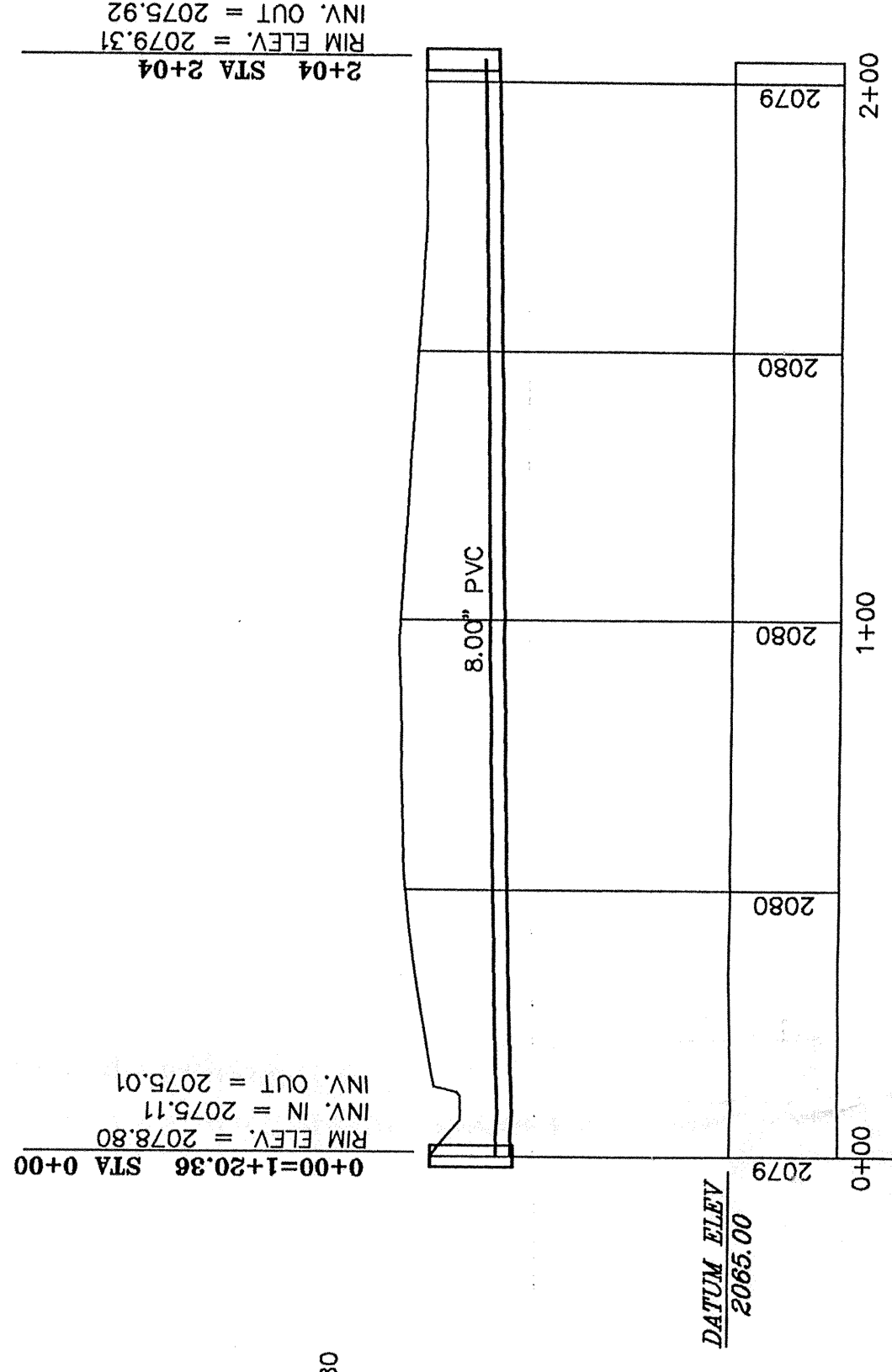
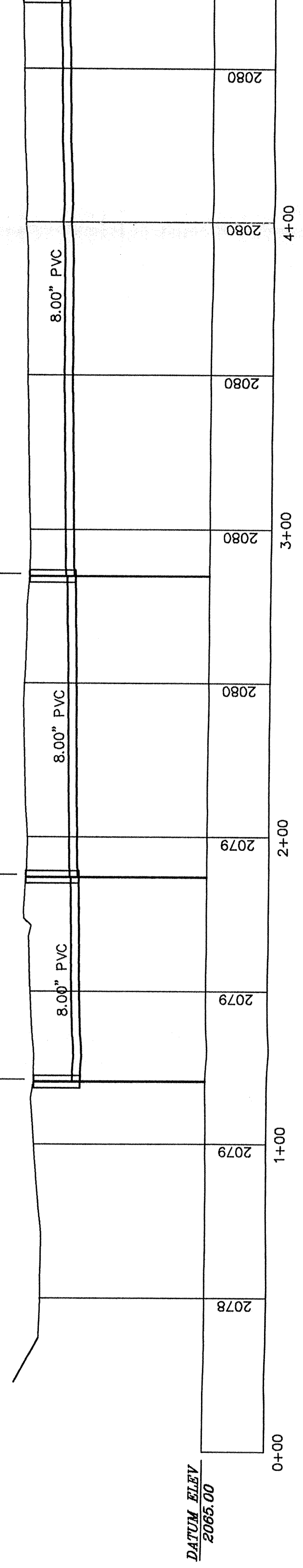
SUZANNE COURT

STORMWATER DETAILS

Welch Engineering, Inc.
CIVIL ENGINEERING & SURVEYING
P.O. BOX 834 - 2029 OLYMPIA HWY - SANDPOINT, IDAHO 83864
PH: (208) 263-6681

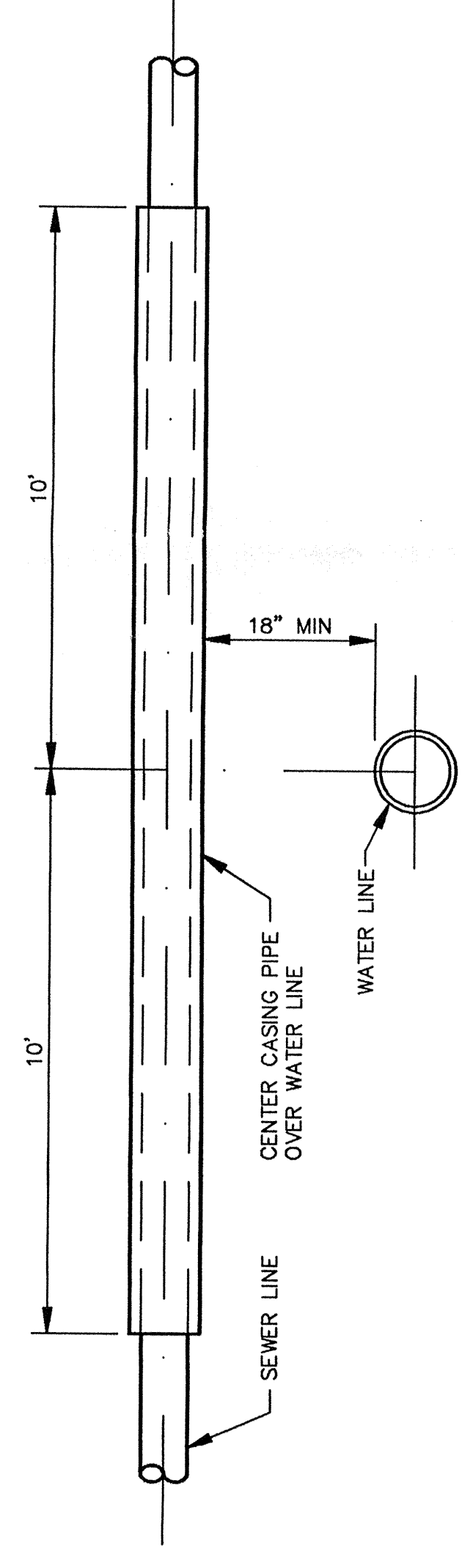
DATE: 8/12/97
SCALE: AS SHOWN
SHEET: 3 OF 3
DRAWN BY:
CHECKED BY:

Station	Material	RIM ELEV.	INV. IN	INV. OUT
1+20.36 STA 1+20.36	8.00" PVC	2078.80	2075.01	
1+87.02 STA 1+87.02	8.00" PVC	2079.59	2075.38	2075.28
2+84.85 STA 2+84.85	8.00" PVC	2079.49	2075.87	2075.77
4+73.26 STA 4+73.26	8.00" PVC	2080.38	2076.62	



TYPICAL TRENCH DETAILS

NOT TO SCALE



WATER-SEWER LINE CROSSING DETAIL

NOT TO SCALE

NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION, 1990.
2. THE LOCATION OF ALL EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL EXISTING UTILITIES.

3. ALL WATER PIPE TO BE ~~8"~~ 8" C-900.

4. TESTING TO BE IN ACCORDANCE WITH SECTION 404 OF ISPC-1990. (150 PSI - 2 HRS)

5. DISINFECTION: TABLET METHOD (SEE SPECIFICATIONS AND TABLE, SHEET 7).

SPECIFICATIONS

1. FIRE HYDRANTS - WATEROUS OR MUELLER, FOLLOWING SETTING, PAINT WITH HYDRANT YELLOW ENAMEL.

2. WATER MAIN - PVC C-900 OR DUCTILE IRON CLASS 150 THROUGH 12" DIA., LARGER THAN 12" DIA. SHALL BE DUCTILE IRON OR EPOXY COATED STEEL, MINIMUM DIAMETER = 8".

3. MANHOLE RING AND COVER - ~~HERN~~ ^{IFLO} 4 x 24 SOLID RING AND COVER, OR EQUAL, CITY OF SANDPOINT DESIGN.

4. WATER SERVICE CORP STOP: FORD OR MUELLER 1" (BALL TYPE CORP STOP) SEALED UNIT (FB 400 BALL CORP) - 1" AWWA/CC TAPER THREAD INLET BY 1" MALE IRON THREAD IRON PIPE THREAD OUTLET. BRONZE CONSTRUCTION.

5. DIRECTION OF CURB STOP BY PW INSPECTOR.

6. ALL SADDLES SHALL BE DOUBLE STRAP BRONZE.

7. BRICKS SHALL BE PLACED BENEATH CORP AND CURB STOP.

8. CURB BOXES SHALL BE BROOKS 250 SERIES - FULL LENGTH, CUTOFF AS DIRECTED BY PW INSPECTOR.

9. CURB BOXES SHALL HAVE CAST IRON TOPS AND LIDS.

10. WATER SERVICE PIPING - 1" IRON PIPE SIZE (IPS) POLY PIPE 200 PSI MEETING AWWA C901 AND BEARING NSF STAMP FOR POTABLE WATER PIPE. SOLVENT WELDS NOT ACCEPTABLE.

11. WATER SERVICE CURB STOPS - FORD BALL VALVE WITH IRON PIPE THREADS (1").

12. WATER MAIN AND SERVICE TRACER WIRE - 12 GAUGE SOLID CONDUCTOR WIRE LAID ATOP AND ATTACHED TO ALL MAINS AND SERVICES. ATTACH TO VALVES AND OTHER ACCESS POINTS PER DIRECTION OF PW INSPECTOR AND STANDARD PLAN.

13. WATER CURB STOP LOCATORS - 3M MID-RANGE MARKERS #1257.

14. WATER VALVE LOCATORS - 3M MID-RANGE MARKERS #1257.

15. ALL BUSHINGS, NIPPLES AND FITTINGS SHALL BE BRASS.

16. LOCATORS TO BE PLACED AT EACH WATER SERVICE (CURB STOP).

17. WATER METERS SHALL BE LOCATED IN GROUND ADJACENT TO CURB STOP (PROVIDED AND INSTALLED BY CITY OF SANDPOINT). DOUBLE CHECK VALVE ASSEMBLY REQUIRED.

18. WATER MAIN PRESSURE TEST - PER SECTION 404 OF ISPC - 1990, 150 PSI FOR 2 HOUR HOLD TIME.

19. WATER MAIN DISINFECTION - PER SECTION 405 OF ISPC - 1990 (ANSI/AWWA C651-86 (REV. OF AWWA C601-81)).

20. METHOD TO BE USED SHALL BE CHLORINE TABLETS OR POWDER.

21. WHERE MF FITTINGS ARE USED, ROMAC GRIP RING ASSEMBLY KITS SHALL BE USED.

22. ALL DEAD END MAINS SHALL HAVE STANDARD FIRE HYDRANT FOR FLUSHING PURPOSES.

23. SEWER LATERAL LOCATORS - 3M MID-RANGE MARKERS #1258.

24. LOCATORS TO BE PLACED AT EACH SEWER SERVICE (PROPERTY LINE).

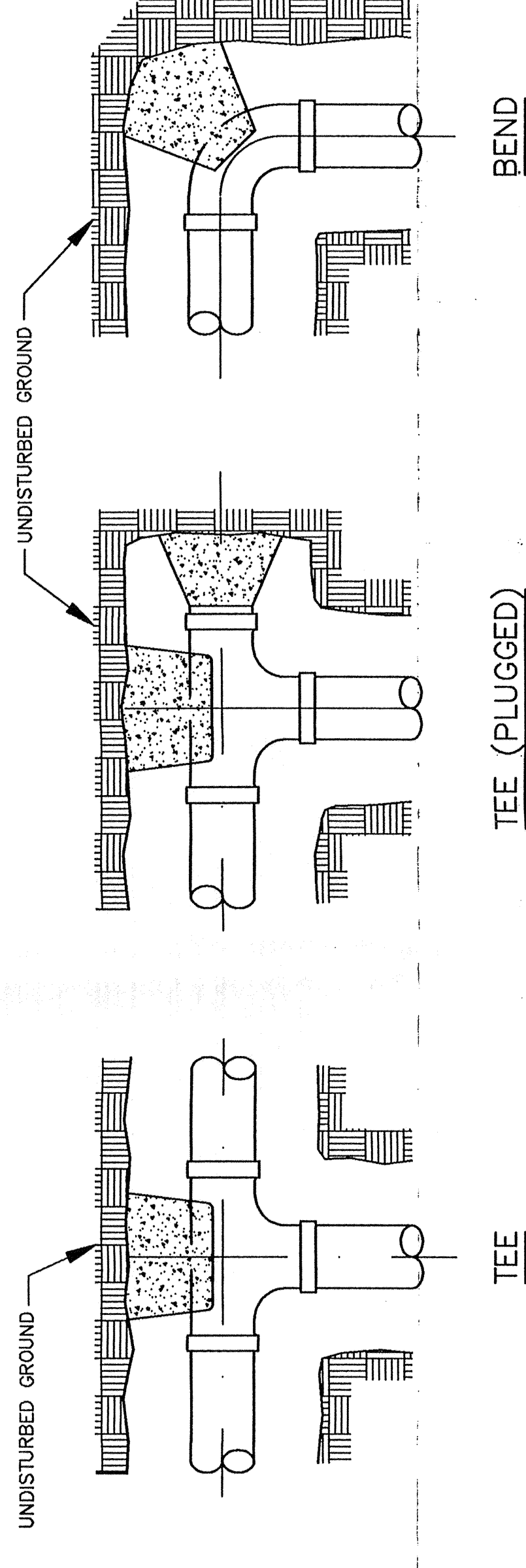
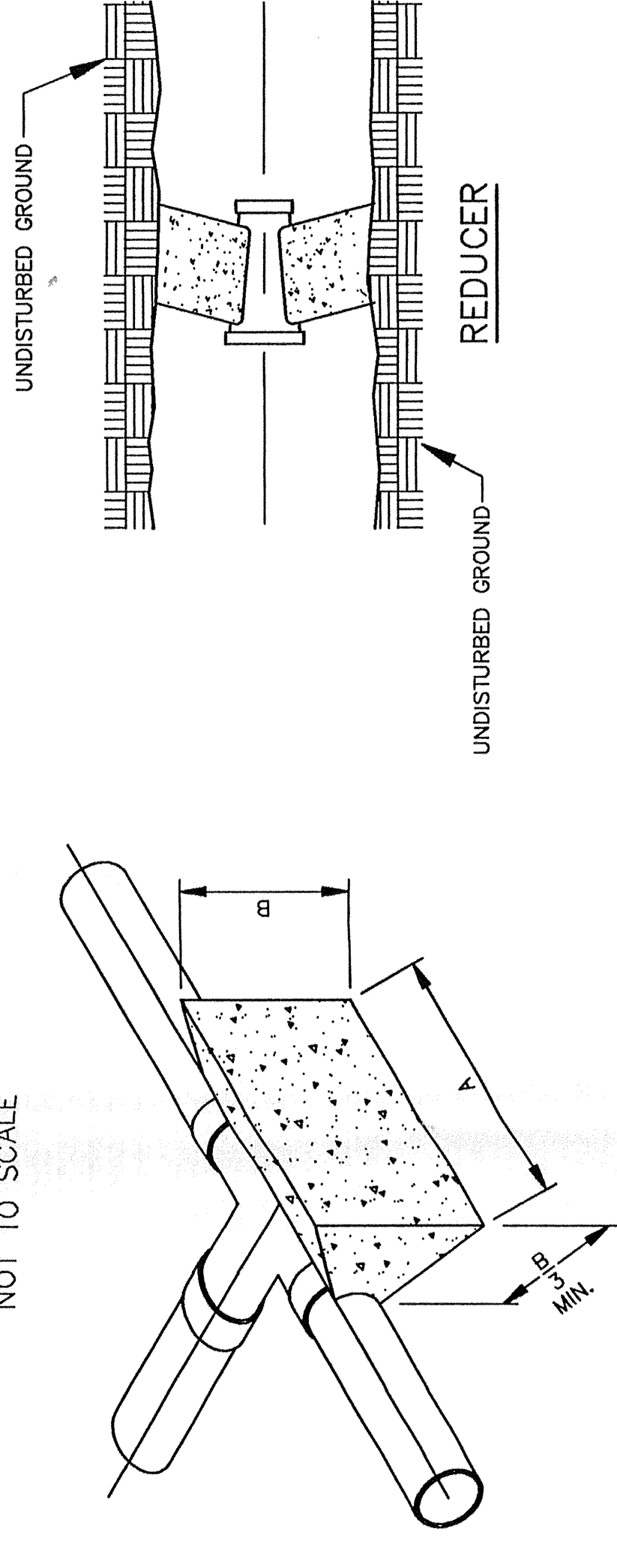
25. MANHOLES - PRECAST CONCRETE SECTIONS, RUBBER GASKET, CONCENTRIC CONES, EPOXY COATED DEFORMED STEEL STEPS EMBEDDED IN MH WALLS.

26. RINGS AND LIDS - CITY OF SANDPOINT SPECIAL DESIGN; ~~HERN~~ ^{IFLO} ~~COR~~ ~~CLAMPING~~.

27. SEWER MAIN - ASTM 3034-SDR 35.

THRUST BLOCKING DETAILS

NOT TO SCALE



FITTING SIZES	DIMENSION FOR THRUST BLOCKING							
	TEES AND PLUGS		90° BEND		45° BEND AND WYES		REDUCERS AND 22 1/2° BEND	
	A	B	A	B	A	B	A	B
4"	19"	14"	21"	18"	20"	10"	19"	6"
6"	24"	23"	29"	26"	22"	19"	21"	10"
8"	32"	30"	38"	36"	29"	25"	21"	18"
10"	40"	39"	48"	46"	36"	33"	26"	23"
12"	48"	46"	56"	56"	44"	39"	31"	27"
14"	65"	46"	78"	59"	57"	41"	41"	29"

NOTES:

1. THIS TABLE IS BASED ON 150 PSI MAIN PRESSURE 2000 PSF SOIL BEARING PRESSURE.
2. WRAP ALL FITTINGS WITH POLYETHYLENE.

CALL 48 HOURS BEFORE YOU DIG: 1-800-626-4950

NUMBER OF LENGTH OF SECTION	DIAMETER OF PIPE (IN.)	NUMBER OF HYPOCHLORITE TABLETS OF 5-G REQUIRED FOR DOSE OF 50 MG/L*
(FT.)		
2	4	6
2	6	8
2	8	10
2	10	12
13 OR LESS	1	2
2	2	3
3	3	5
5	4	6
6	5	7
7	6	8
8	7	9
9	8	10
10	9	11
11	10	12
12	11	13
13	12	14

*BASED ON 3 3/4G AVAILABLE CHLORINE PER TABLET

SUZANNE COURT

CONSTRUCTION DETAILS & NOTES
Welch Engineering, Inc.
 CIVIL ENGINEERING SURVEYING
 P.O. BOX 834 - 2025 OLYMPIA HWY - SANDPOINT, IDAHO 83864
 PH: (208) 253-8581

DRAWN BY: DATE: 8/12/97
 CHECKED BY: SCALE: AS SHOWN
 SHEET 2 OF 2