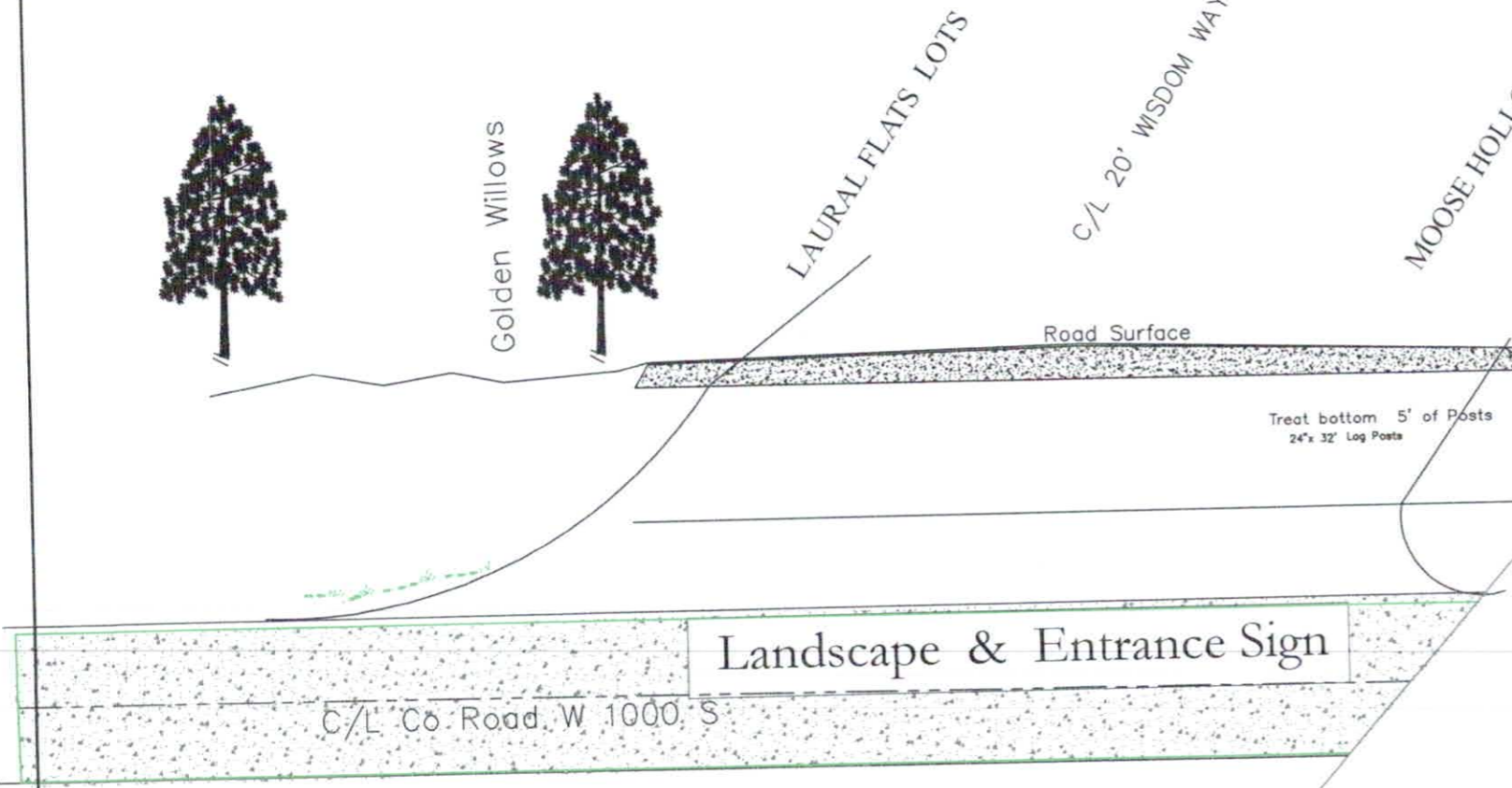
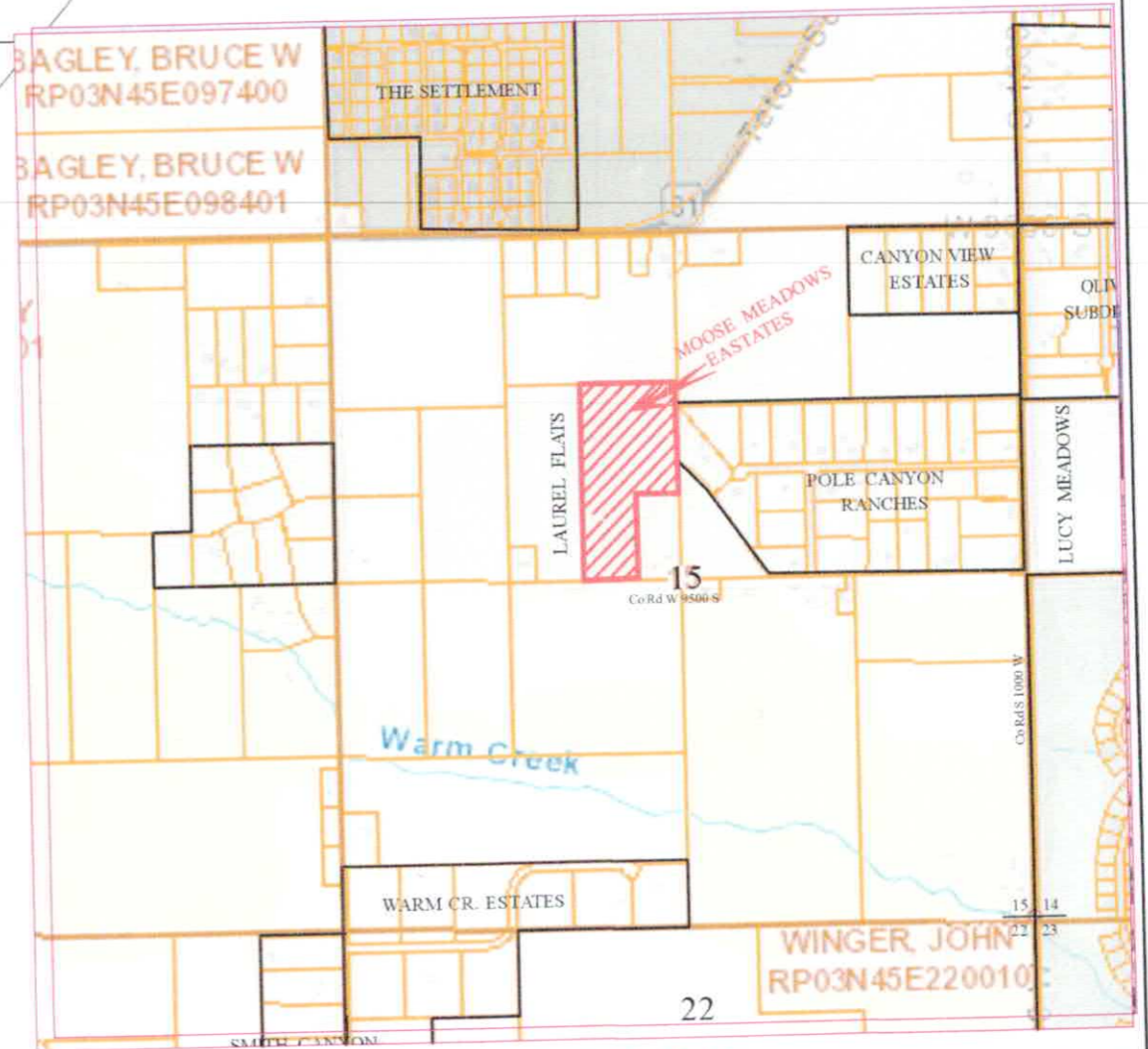


ROAD & FIRE SYSTEM PLANS



Landscape & Entrance Sign



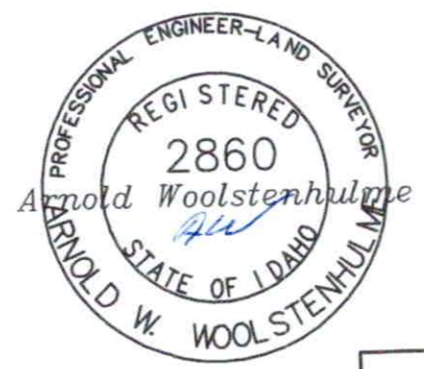
INFRASTRUCTURE PLANS 2-02-24

Project Specifications & Notes

CONTRACTOR TO NOTIFY ADJACENT PROPERTY OWNERS AND DIG LINE 48 HOURS BEFORE DIGGING.
 THE SPECIFICATIONS FOR THIS PROJECT ARE TETON COUNTY & THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (current edition).
 ALL WORK WILL MEET TETON COUNTY STANDARDS & REQUIREMENTS.
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMITS AND FOLLOW ALL COUNTY REGULATIONS.
 THE ROAD SYSTEM IS TO BE MAINTAINED BY THE DRAKE CREEK RESERVE H.O.A.
 ALL IRRIGATION WATER LINES WILL BE PRIVATELY OWNED AND MAINTAINED BY THE H.O.A.
 NOTIFY THE PROJECT ENGINEER BEFORE WORK IS COVERUP OR YOU PROCEED TO NEXT PAHSE OF WORK.
 ROAD WORK WILL HAVE TO BE APPROVED BY COUNTY ENGINEER BEFORE ACCEPTED.
 FIRE POND AND SYSTEM WILL HAVE TO BE APPROVED BY THE FIRE DEPARTMENT BEFORE ACCEPTED.

PROJECT QUANTITIES		
1- ROAD SUBEXCAVATION 22' wide	900 Cu Yds	
2- ROADWAY -PIT RUN GRAVEL 12"	1320 Cu Yds	
3- 20' ROAD 4" of 3/4" CRUSHED GRAVEL	500 Cu Yds	
4- 18" X CULVERT METAL PIPE (CMP)	30 L.F.	
5- ENTRANCE, GATE, MAIL BOX ETC	SUM	
6- 4" PVC IRRIG TRUNKLINE BURIED	600 Lin Ft	
8- DRY FIRE HYDRANT	1 Each	
9- WATER VALVES 4"	3 Each	
10- WELL, PUMP ETC	SUM	
11- WATER -1.5" BURIED SERVICE LINE	100 Lin Ft	
12- TIE INTO IRRIGATION SYSTEM	2 EACH	
13- ENTRANCE & Co Road Landscaping	1 SUM	

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Fire Pond Details	F-2
Fire Pond Wel & Fill	F-3
Irrig Layout Laurel Flats	Irrg-1
Irrig Layout Moose Hollow	Irrg-2
Irrig System Details	Irrg-3

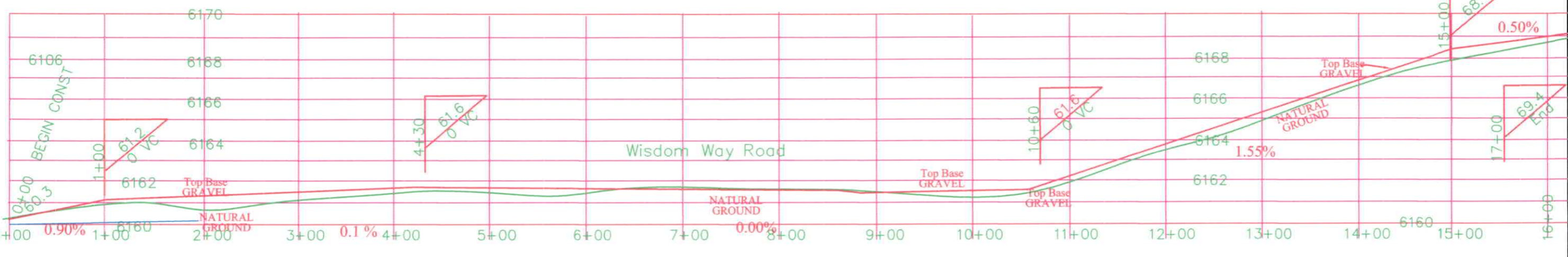
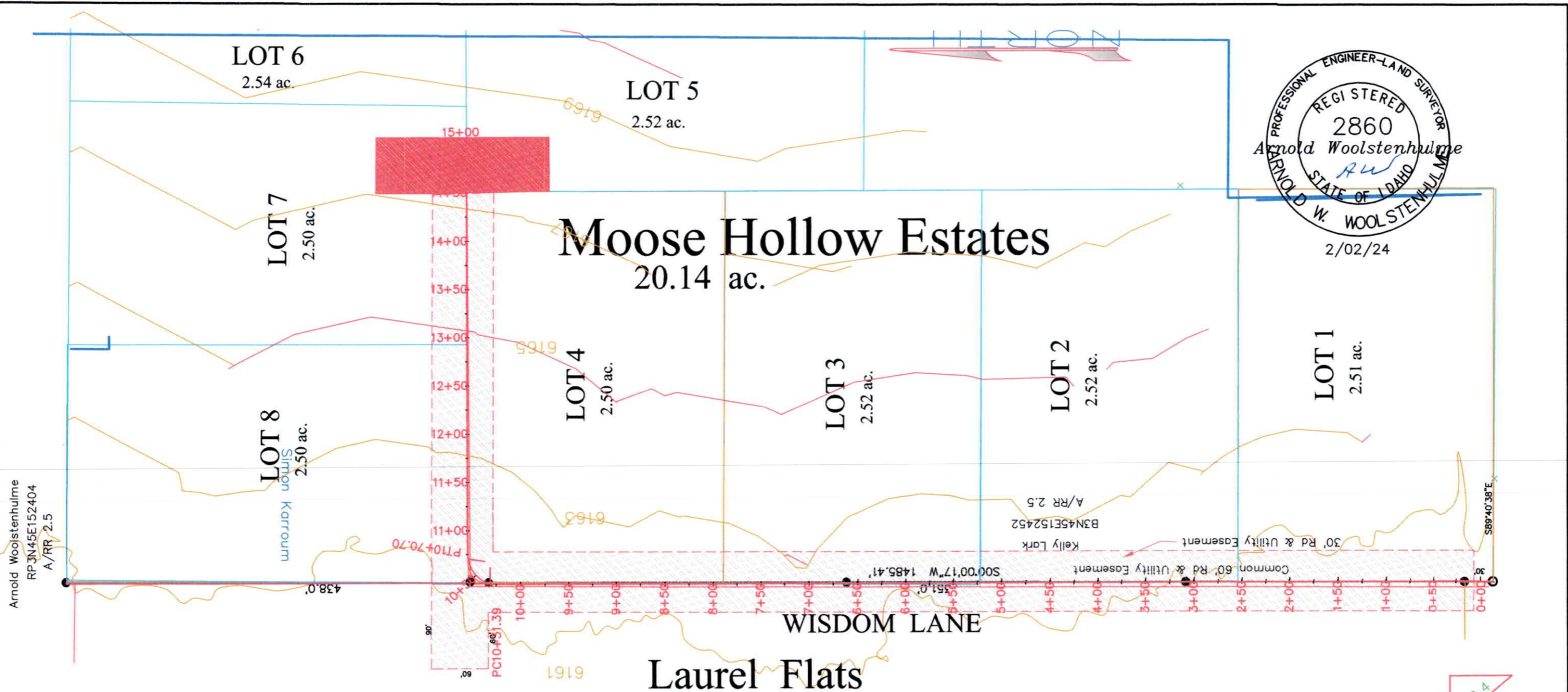
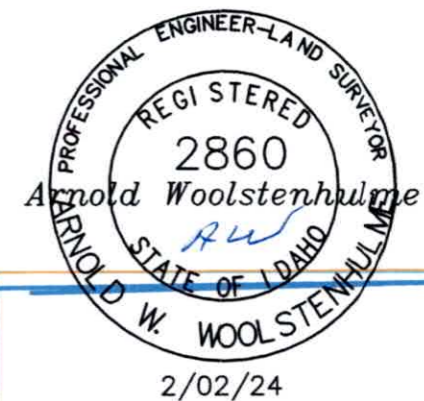


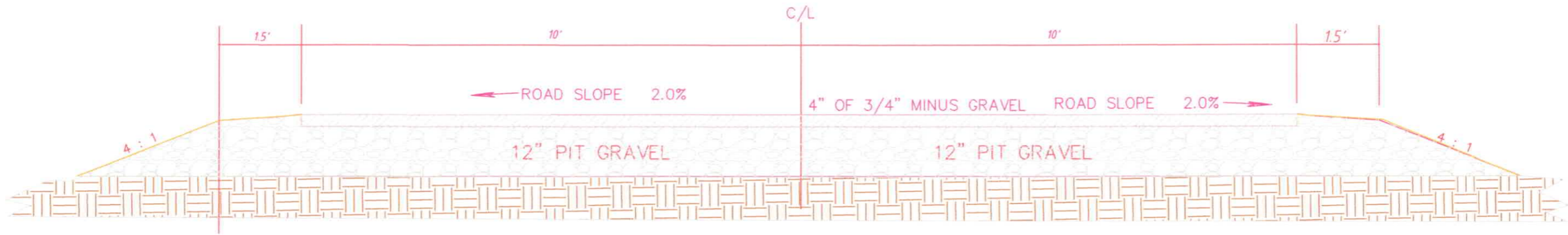
2/02/2024

Road Entrance & Title page

Owner: Kelly Lark
 7856 Hidden Valley Rd
 Marshing, Id 83639
 Proj # 22-05
 Page: Rd 1 of 4



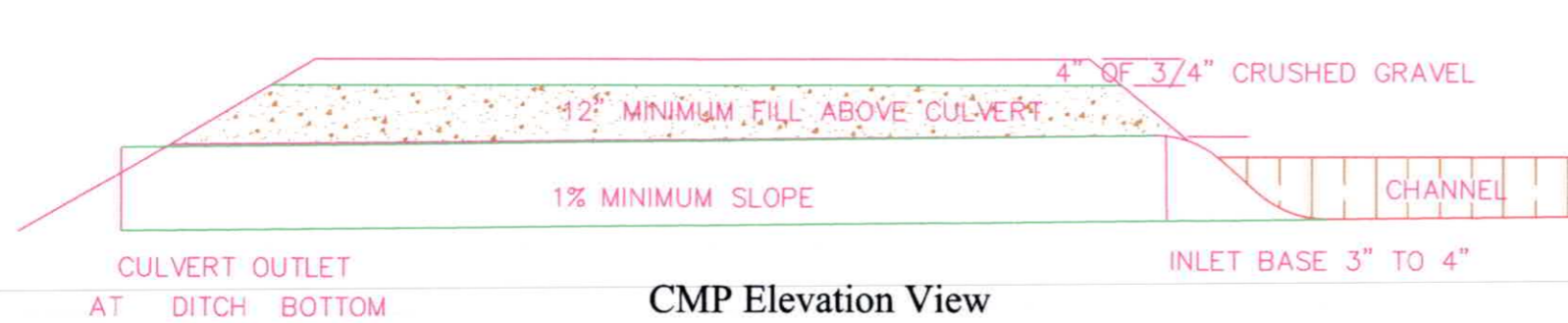




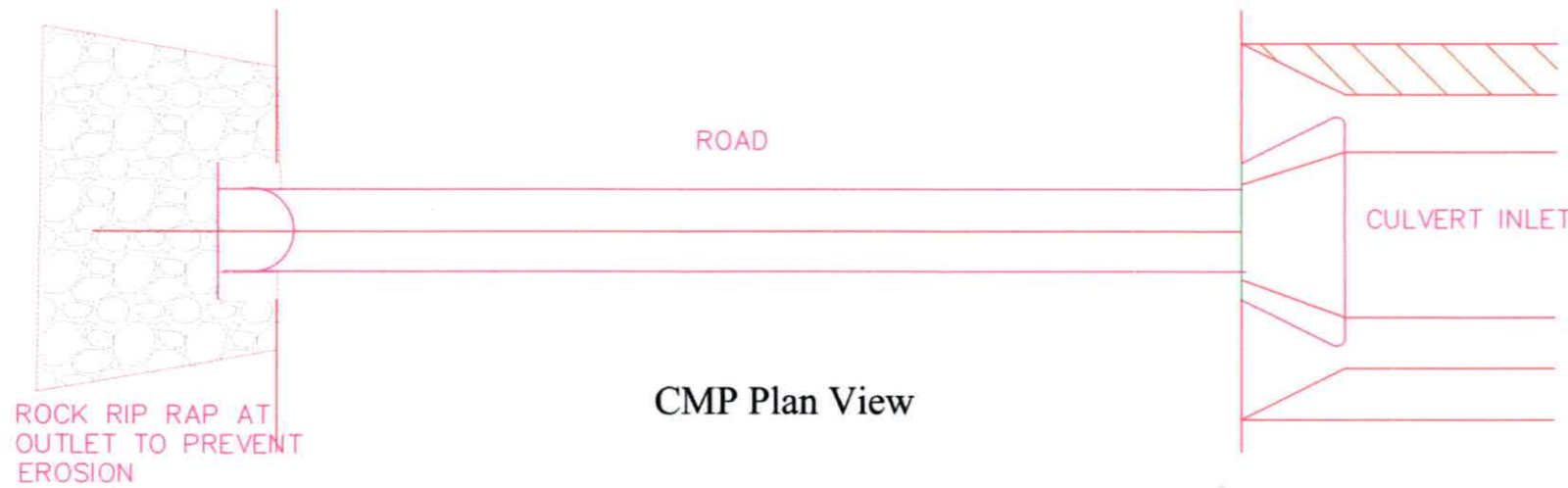
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TYPICAL ROAD TEMPLATE & CROSS SECTION

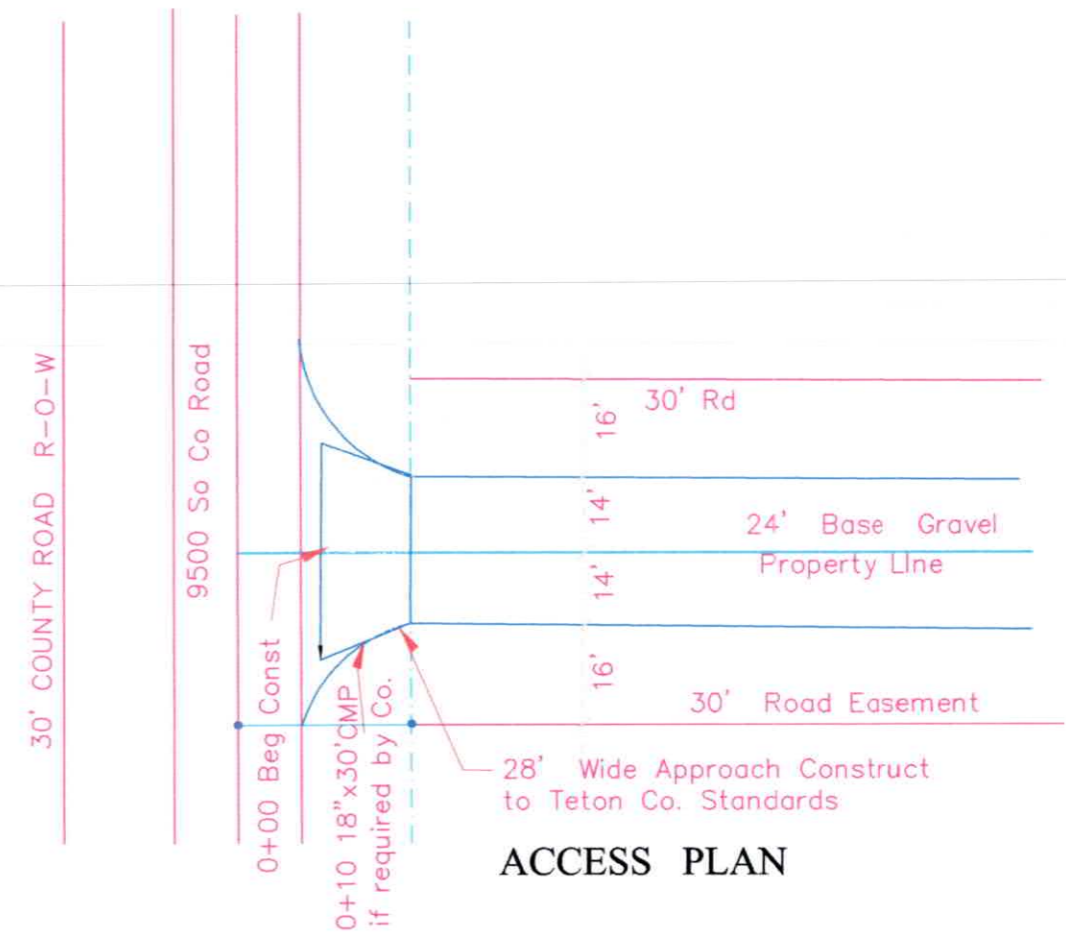
FOR ROADS IN TETON COUNTY, IDAHO.



CMP Elevation View



CMP Plan View



ACCESS PLAN



2/02/24

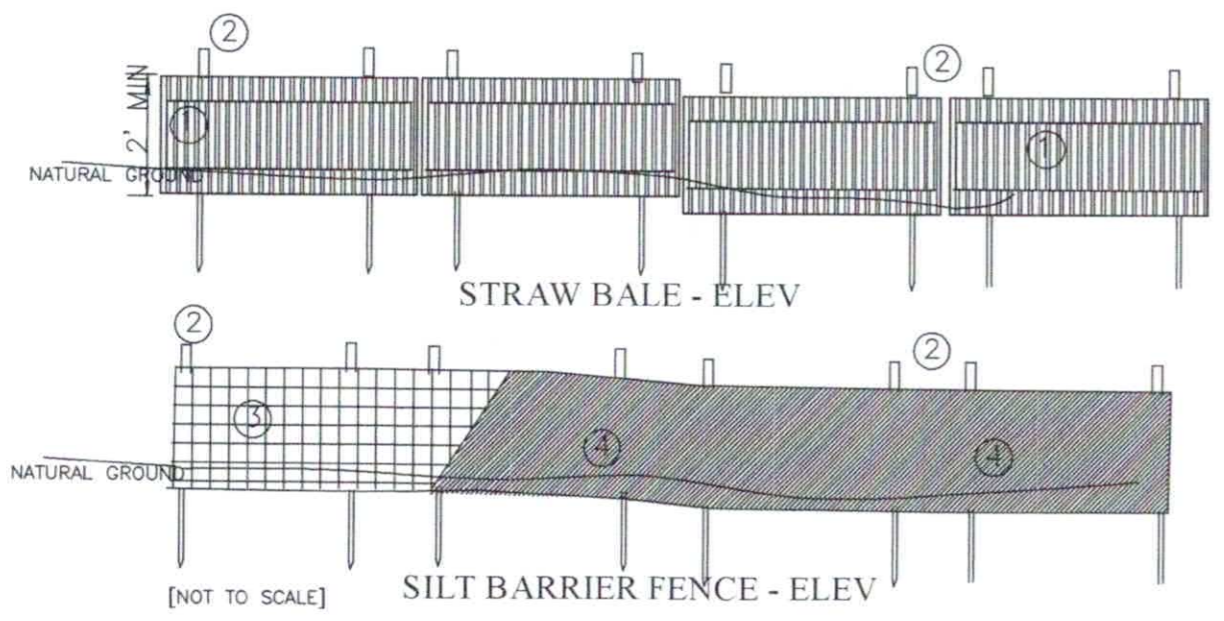
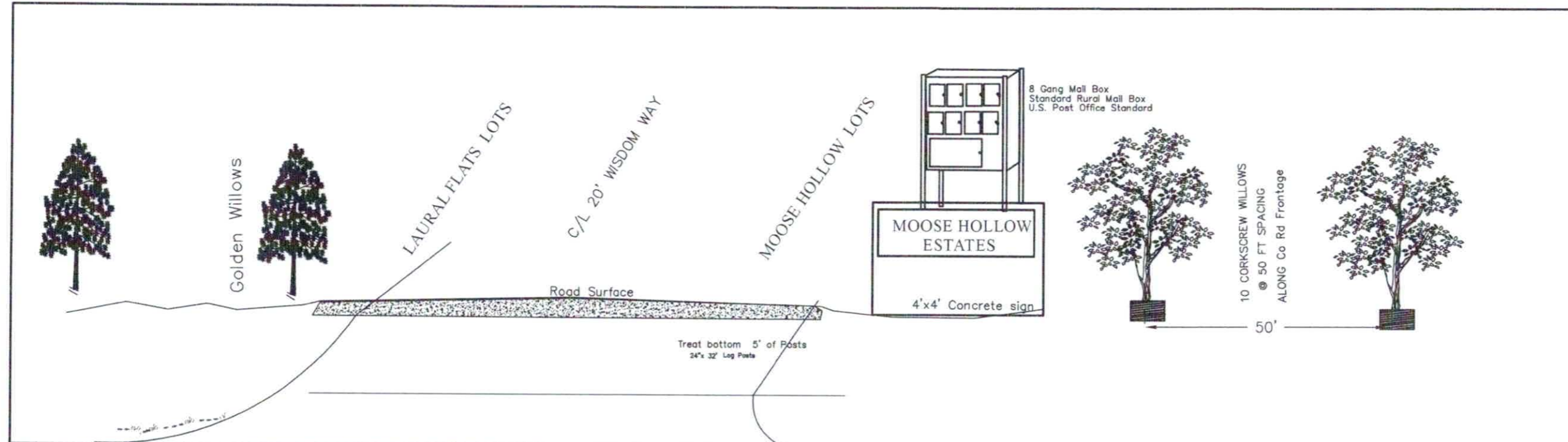
Rev 2/02 /24
AWW

Road Plan & Profile

Owner: Kelly Lark
7856 Hidden Valley Rd
Marathon, Id 83639

Proj # 22-05
Page: Rd 3 of 4

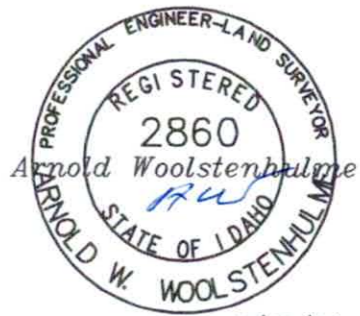
6/10/22
Av ENGINEERING
255 SOUTH MAIN P.O. BOX 139
MCTOR, IDAHO 83455
(208) 787-2952 aweng@ida.net



EROSION CONTROL MEASURES

THE FOLLOWING BMP'S WILL BE UTILIZED ON THIS PROJECT IN THE AREAS AS REQUIRED AND NEEDED TO PREVENT EROSION AND POLLUTION RUNOFF AND POLLUTION ONTO NEIGHBORING PROPERTIES AND THE ENVIRONMENT.

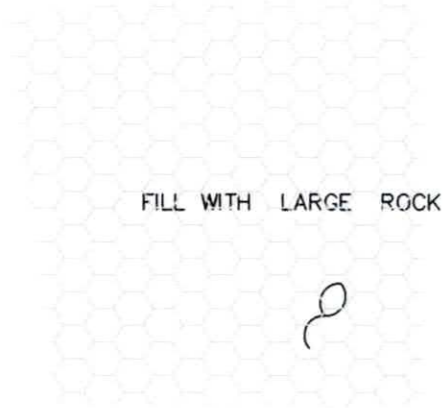
- BMP # 25 SILT FENCING
A STANDARD 2 FEET HIGH SILT FENCE WILL BE ESTABLISHED ALONG THE SOUTH WEST AND SOUTH PROPERTY LINE ALONG THE POND.
THIS FENCE WILL BE INSTALLED AND MAINTAINED FOR ONE YEAR AFTER CONSTRUCTION WORK IS DONE.
- BMP # 21 INLET PROTECTION
PIPE INLETS WILL BE PROTECTED WITH A FIBER BUNDLE AROUND THE INLET PERIMETER OF THE PIPE. PLACE FIBER BUNDLE FOR 10 FEET AROUND INLET.
- BMP # 22 OUTLET PROTECTION
PIPE OUTLET AREAS WILL BE PROTECTED FROM EROSION WITH 1 Cu Yd OF ROCK RIP RAP PLACE AROUND THE PIPE OUTLET.
- BMP # 6 DUST CONTROL DURING CONSTRUCTION
WHEN THE SITE IS DRY AND AND DUSTY FROM SITE DUSTURBANCES THE FOLLOWING CONTROL MEASURES WILL BE TAKEN DURING CONSTRUCTION WORK:
1 - STAGING OF WORK AND LIMITING EXPOSED SOIL AREAS AND WHEN POSSIBLE, MAINTAIN VEGETATIVE GROUND COVER, RESEED OR STABILIZE EXPOSED TOPSOIL AREAS.
2 - SPRINKLE DISTURBED AREAS WITH WATER ON TEMPORARY ROAD AREAS WHERE TRUCKS ARE CROSSING SOIL AREAS.
3 - ESTABLISH WIND BARRIERS FENCING UPWIND OF DISTURBED AREAS.
- BMP # 9 VEHICLE / EQUIPMENT MAINTENANCE
A DESIGNATED VEHICLE STORAGE AND MAINTENANCE YARD WILL BE CREATED. THIS AREA WILL BE GRADED AND BERMED. ANY WASTE WATER WILL BE COLLECTED INTO A POND. POLLUTANTS SUCH AS OIL, GREASE, FUELS, ETC. WILL BE COLLECTED IN A LINED POND.



2/02/24

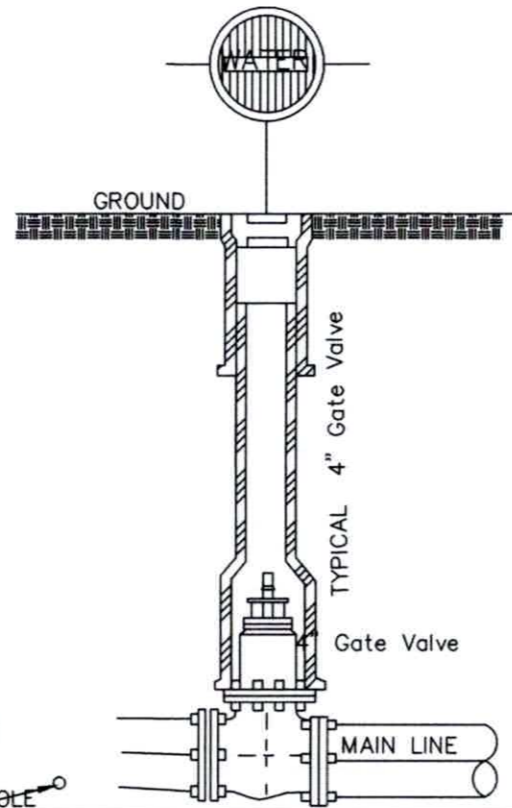
INFRASTRUCTURE PLANS 2-02-24

DRAIN VALVE & PIPE

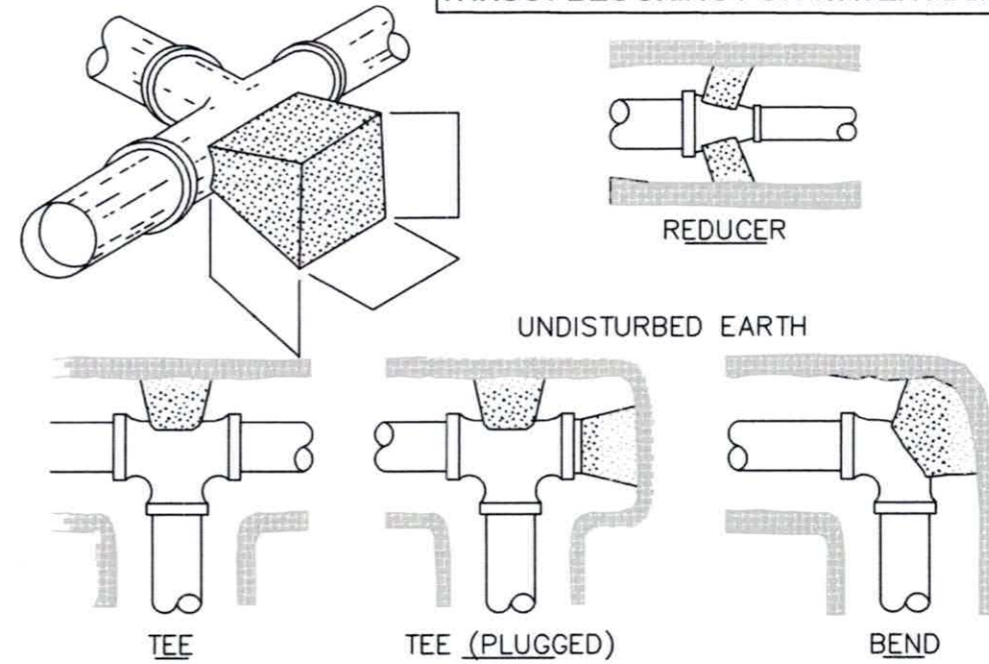


4" PVC DRAIN PIPE

1/4" WEEP HOLE

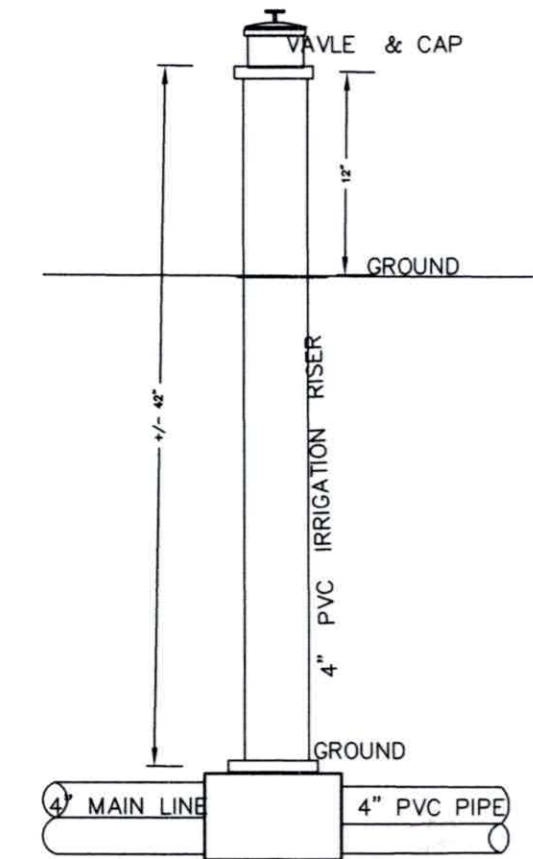


THRUST BLOCKING FOR WATER MAINS

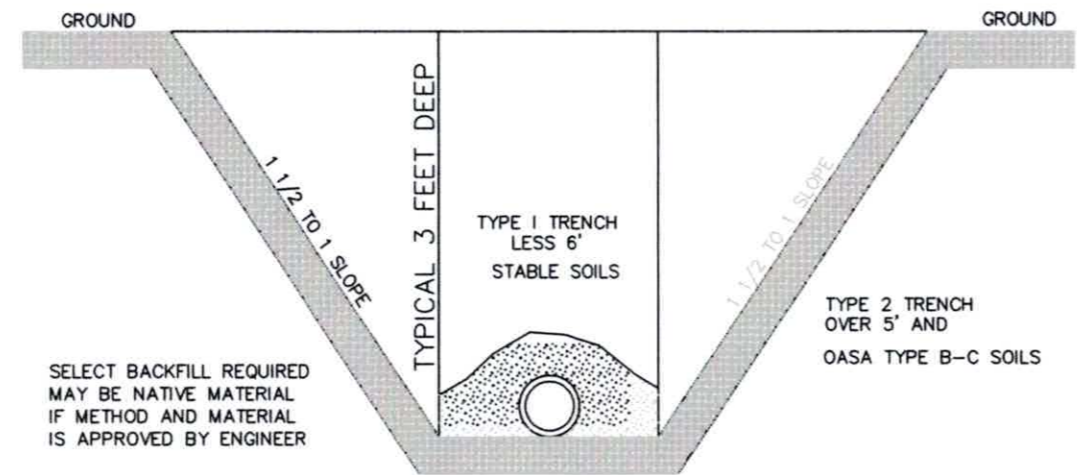


DIMENSION FOR THRUST BLOCKING						
FITTING SIZES	TEES AND PLUGS		90° BEND		45° BEND AND WYES	
	A	B	A	B	A	B
4"	1' - 7"	1' - 2"	1' - 9"	1' - 6"	1' - 8"	0' - 10"
6"	2' - 0"	1' - 11"	2' - 5"	2' - 2"	1' - 10"	1' - 7"
8"	2' - 8"	2' - 6"	3' - 2"	3' - 0"	2' - 5"	2' - 1"
10"	3' - 4"	3' - 3"	4' - 0"	3' - 10"	3' - 0"	2' - 9"

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



4" IRRIGATION RISER & VALVE



TRENCH DETAIL

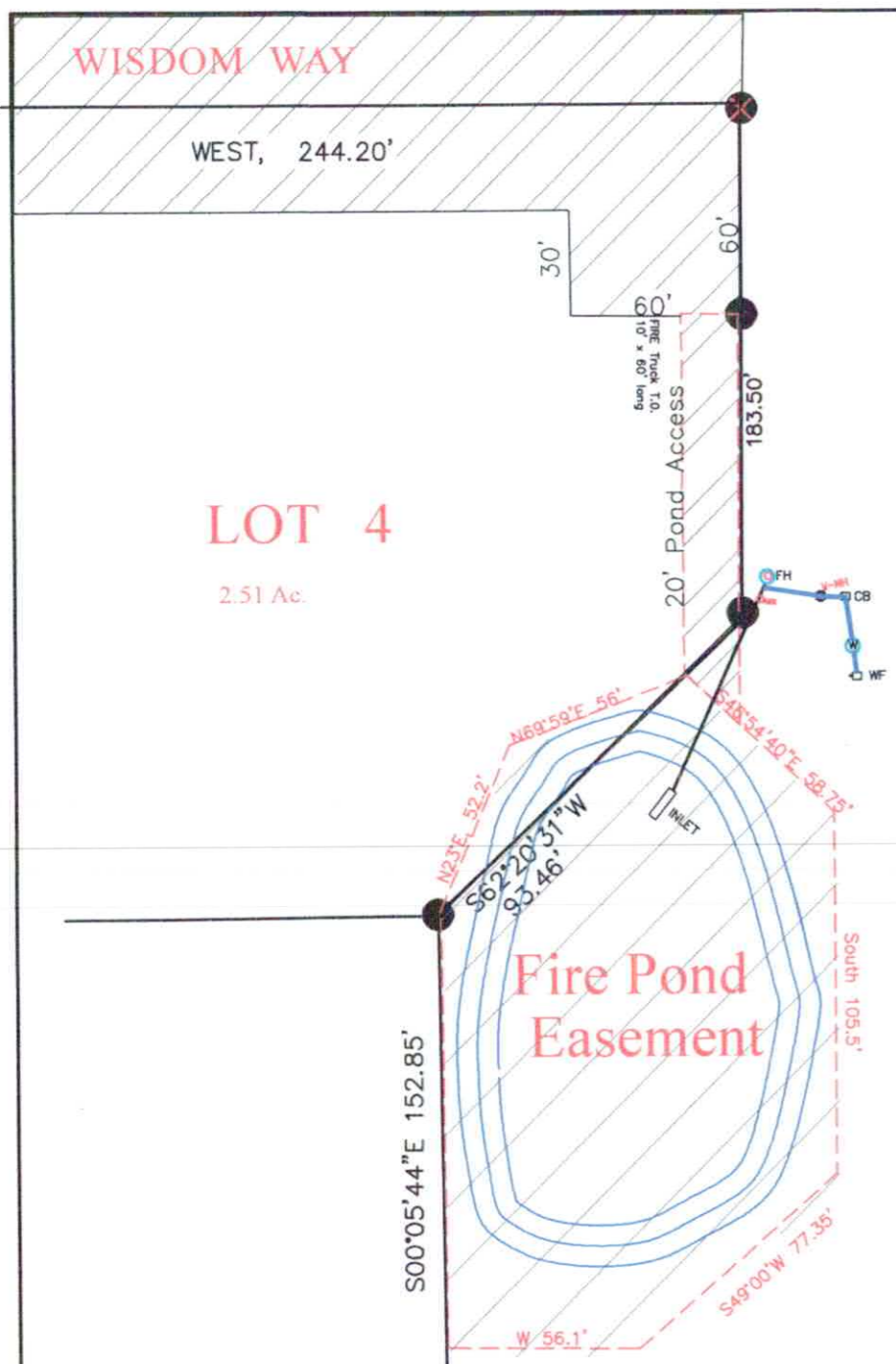
SELECT BACKFILL REQUIRED MAY BE NATIVE MATERIAL IF METHOD AND MATERIAL IS APPROVED BY ENGINEER

INSTALL AND BED PIPE PROPERLY

TYPE 2 TRENCH OVER 5' AND OASA TYPE B-C SOILS

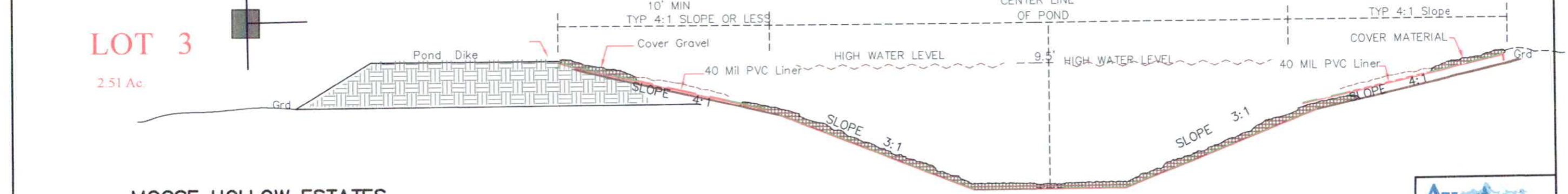
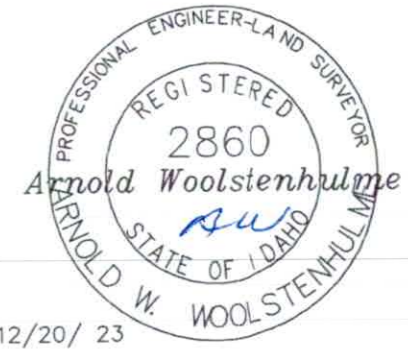
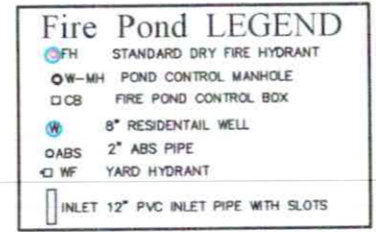
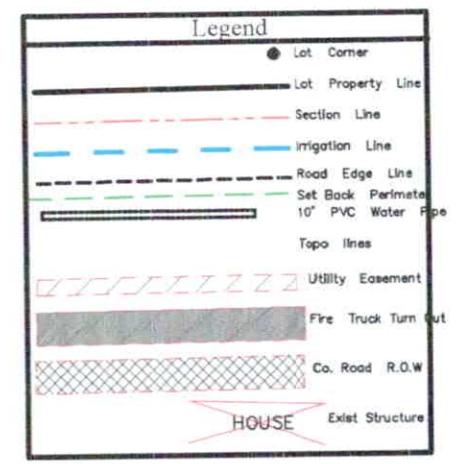
TYPE 1 TRENCH LESS 6' STABLE SOILS

PROFESSIONAL ENGINEER-LAND SURVEYOR
 REGISTERED
 2860
 Arnold Woolstenhulme
 STATE OF IDAHO
 WOLSTENHULME
 2/05/2024



Fire Pond Quantities

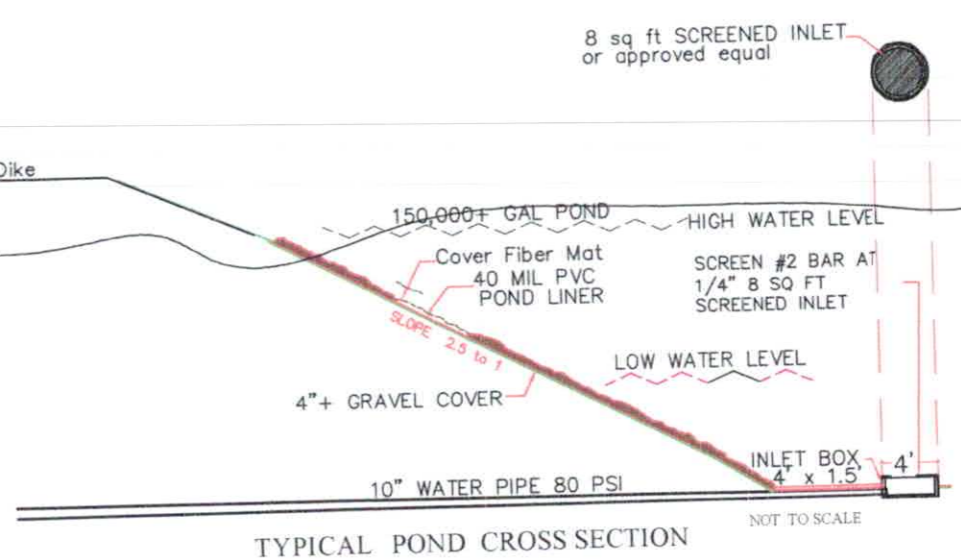
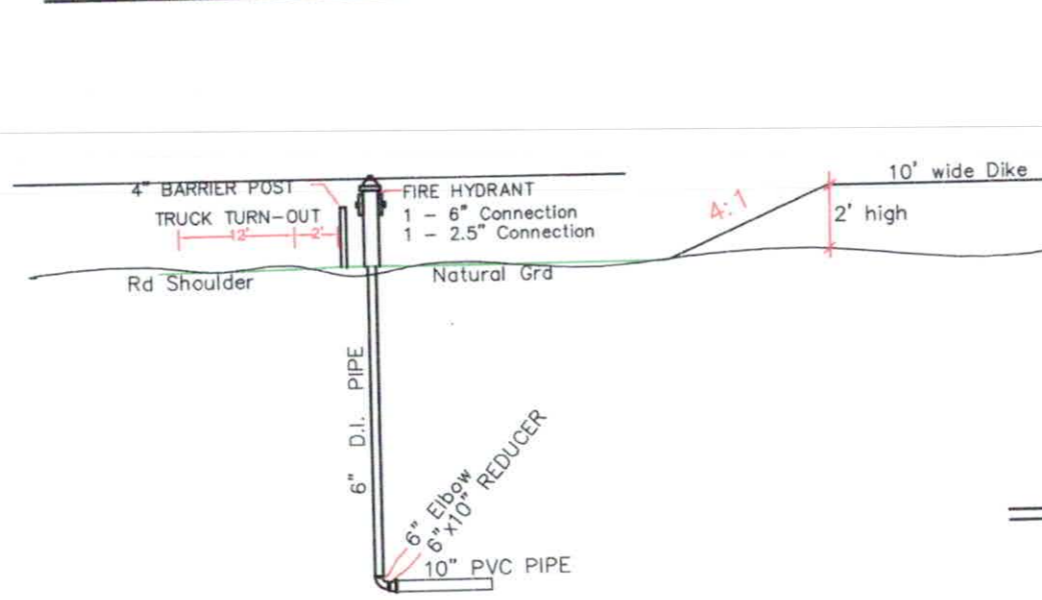
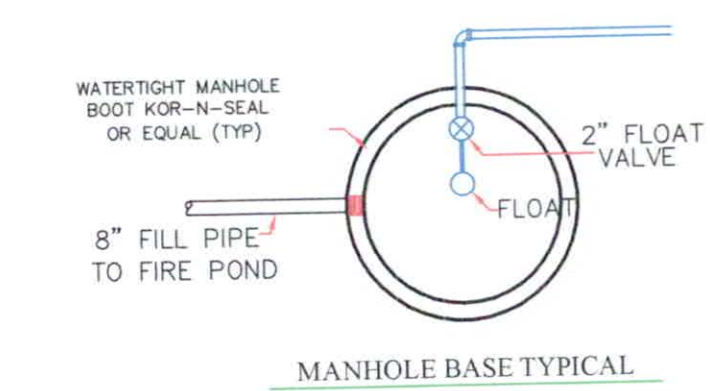
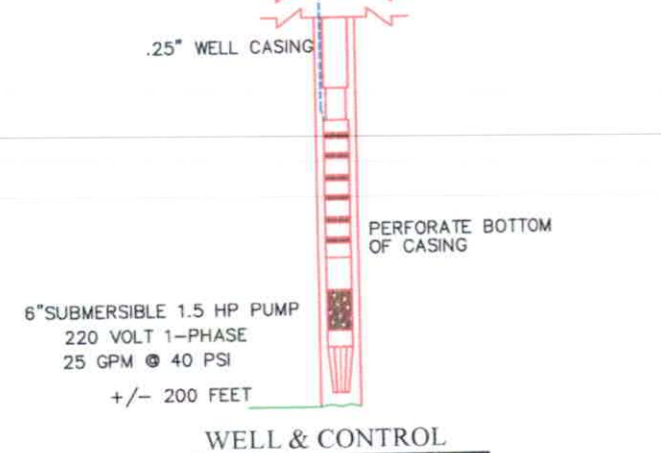
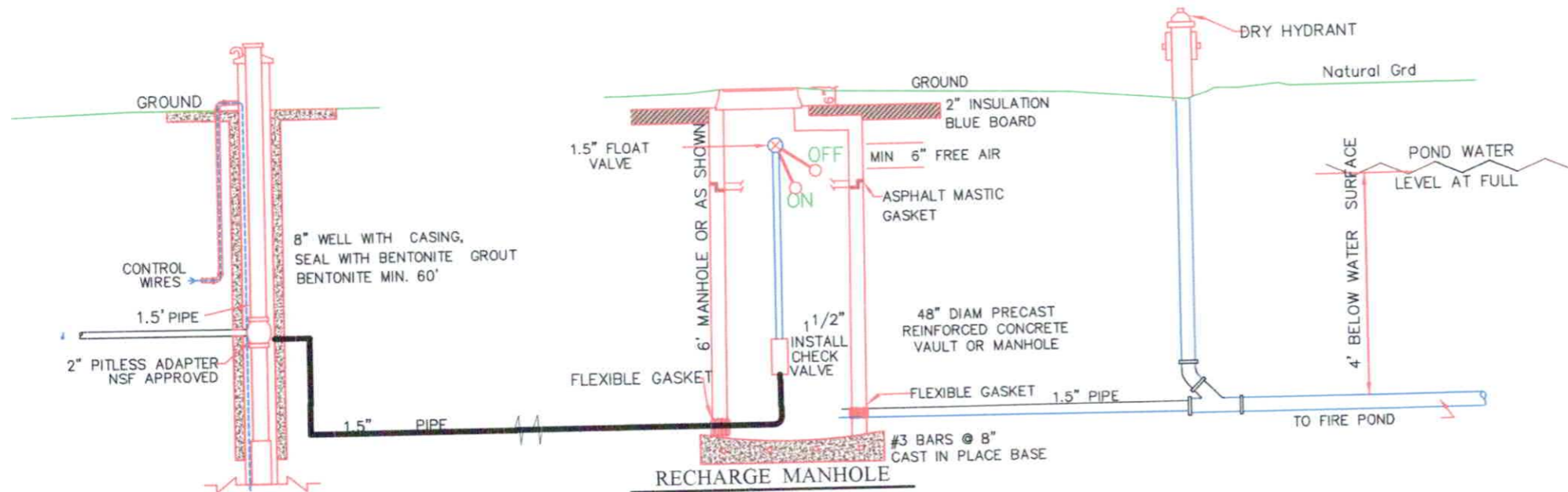
1- Fire pond excavation 2600sf x 6 /27	= 600 Cu Yds
2- Construct Dikje Embankment 2' x 46' x 300'	= 340 Cu Yds
3- Construct Fire Truck Turn out lane 1' x 16' x40'	= 40 Cu Yds
4- Pond Gravel cover top 20'	= 60 Cu Yds
5- Stock Pile excess exc.	= 160 cU YDS
6-40 Mill PVC liner and cover	= 7400 Sq ft
8- Dry Fire Hydrant	= 1 Sum
9- Pond fill Manhole	= 1 Sum
10-Pond 10" to Fire Hydrant 140 ft	= 1 Sum
11-Pond Fill 4" PVC water line	= 1 Sum
12-Pond to MH Fil 4" PVC W/L	= 1 Sum
13-Electric Power to Well and Manhole	= 1 Sum
14- Plumbing to complete Fire System	= 1 Sum



**MOOSE HOLLOW ESTATES
FIRE POND**

INFRASTRUCTURE PLANS 2-02-24

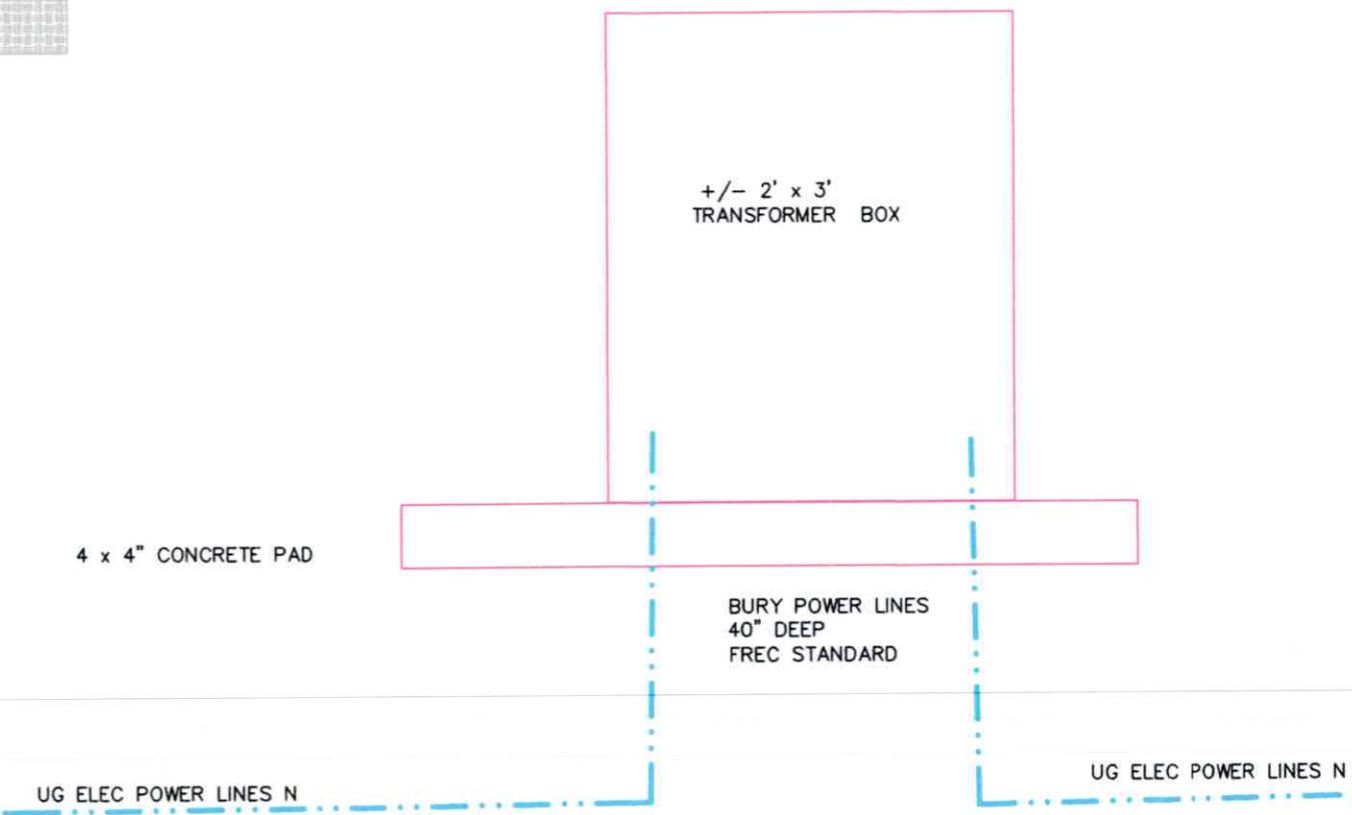
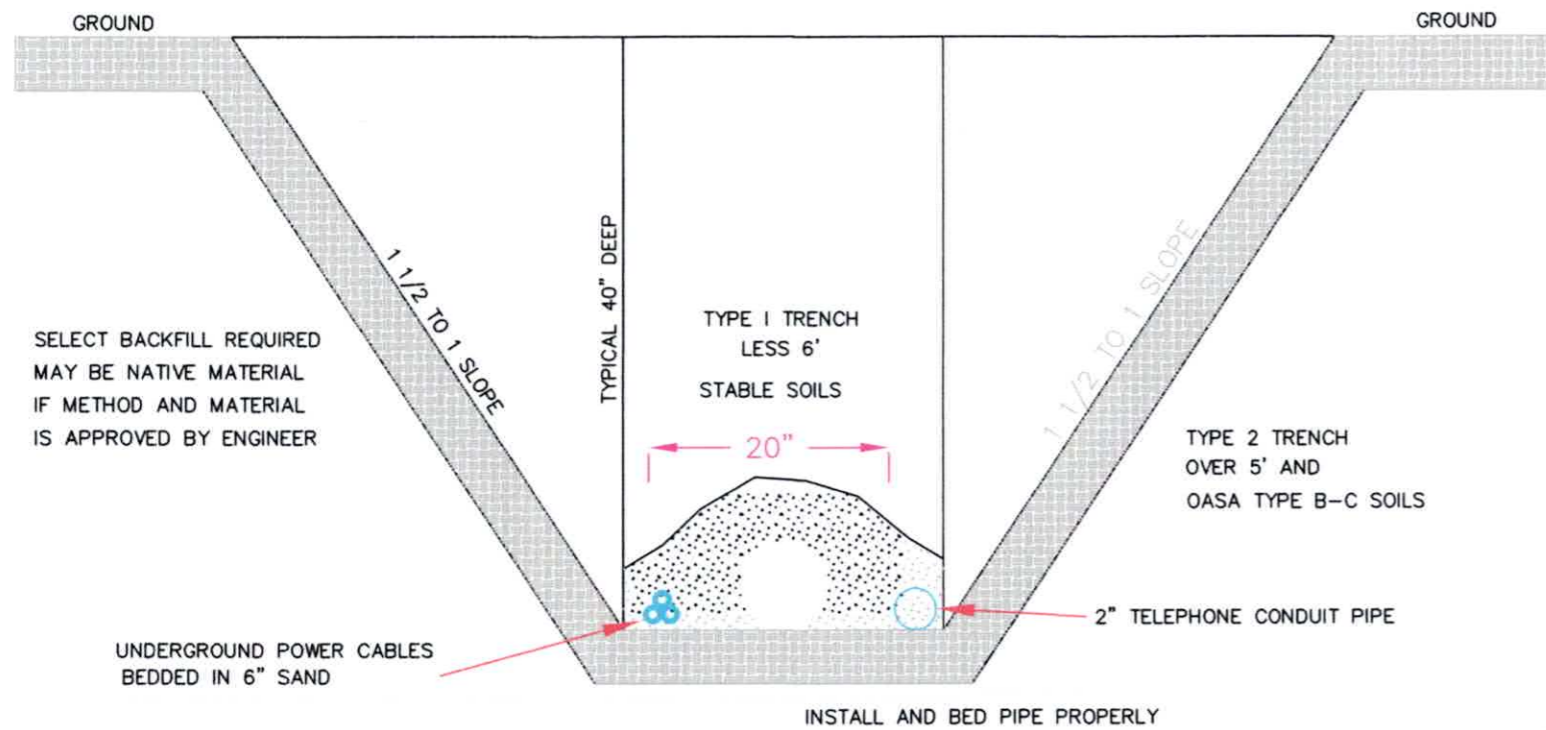
Fire Pond & Infrastructure	Owner: Kelly Lark 7856 Hidden Valley Rd Marshing, Id 83639	Proj # 22-05 Page: F 2 of 3	255 SOUTH MAIN P.O. BOX 139 VICTOR, IDAHO 83455 (208) 787-2952 owena@ida.net
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INFRASTRUCTURE PLANS 2-02-24

PROFESSIONAL ENGINEER-LAND SURVEYOR
 REGISTERED
 2860
 Arnold Woolstenhulme
 STATE OF IDAHO
 ARNOLD W. WOOLSTENHULME

2/20/23
 2/02/24



ELEC BOX PLAN VIEW

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Moose Hollow Estates