

PICKLES BUTTE LANDFILL DUST CONTROL WELL PUMP STATION AND STORAGE TANK

3380 Americana Terrace, Suite 201
Boise, ID 83706
PHONE: 208-389-1030

www.tetratech.com



PROJECT LOCATION:

16241 DEER FLAT ROAD
CALDWELL, IDAHO 83607

CLIENT INFORMATION:

CANYON COUNTY SOLID WASTE
15500 MISSOURI AVENUE
NAMPA, IDAHO 83686

Tt PROJECT No.:
114-571-040-2022

PROJECT DESCRIPTION / NOTES:

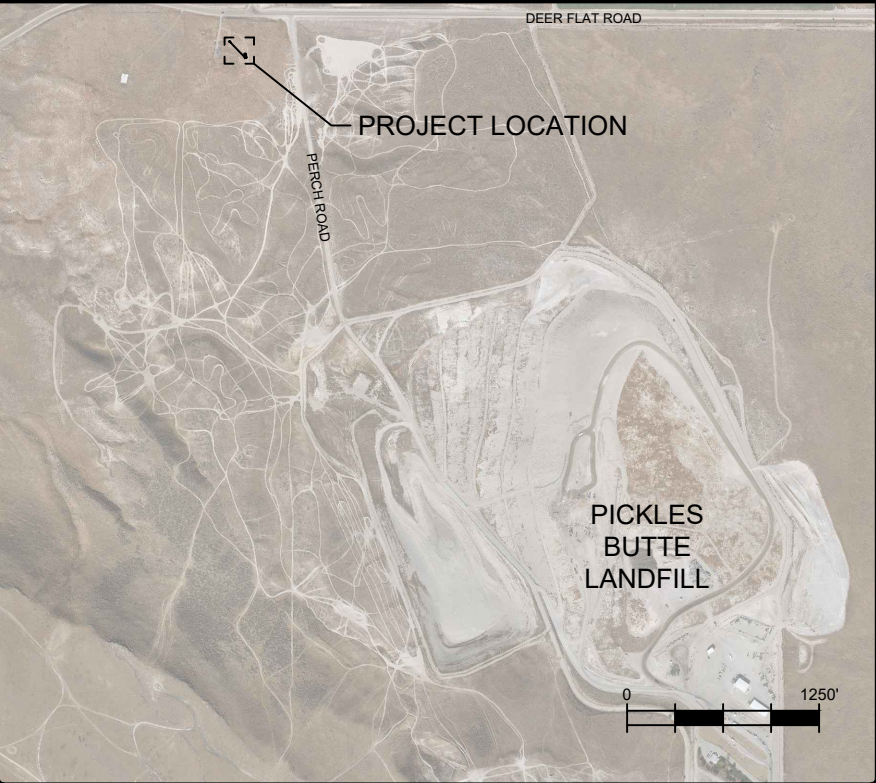
DUST CONTROL WELL PUMP
STATION, STORAGE TANK, AND ACCESS ROAD



ISSUED:

1/27/2022 ISSUED FOR BID

VICINITY MAP:



SHEET INDEX

SHT	DESCRIPTION
G1	COVER, SHEET INDEX AND LEGEND
C1	SITE PLAN
C2	ROAD PLAN AND PROFILE
C3	ROAD SECTIONS AND DRAINAGE PROFILE
C4	PIPELINE PLAN AND PROFILE
C5	TANK AREA PLAN PLAN
C6	TANK SECTION
C7	PUMP HOUSE PLAN AND SECTIONS
C8	PUMP HOUSE SECTIONS
C9	STAND PIPE AND SIDEWALK SECTIONS

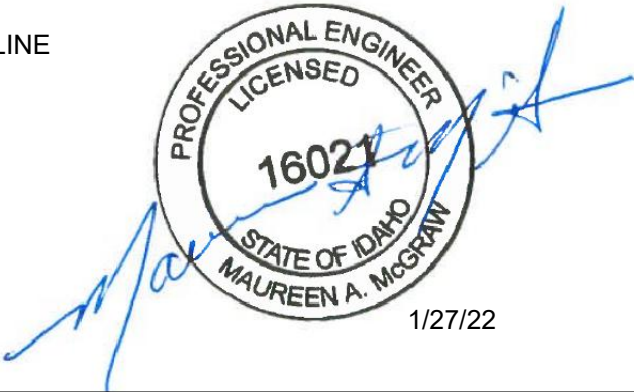
LEGEND

EXISTING

--- 2700 ---	EXISTING GROUND MAJOR CONTOUR & ELEVATION LABEL
-----	EXISTING GROUND MINOR CONTOUR
=====	EXISTING PAVED ROAD
○-----	EXISTING GUARD RAIL
-----	EXISTING UNPAVED ROAD
-----	EXISTING PARKING AREA
-----	EXISTING TRAIL
~~~~~	EXISTING VEGETATION
●	EXISTING UTILITY POLE
-----X-----	EXISTING FENCE
}-----{	EXISTING CULVERT
⊙	EXISTING WELL
UN	EXISTING UNIDENTIFIED UTILITY

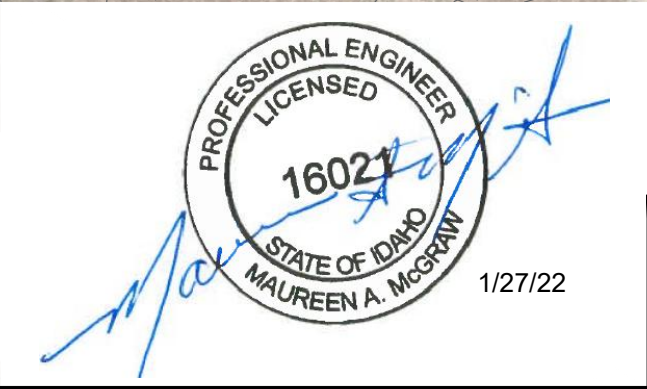
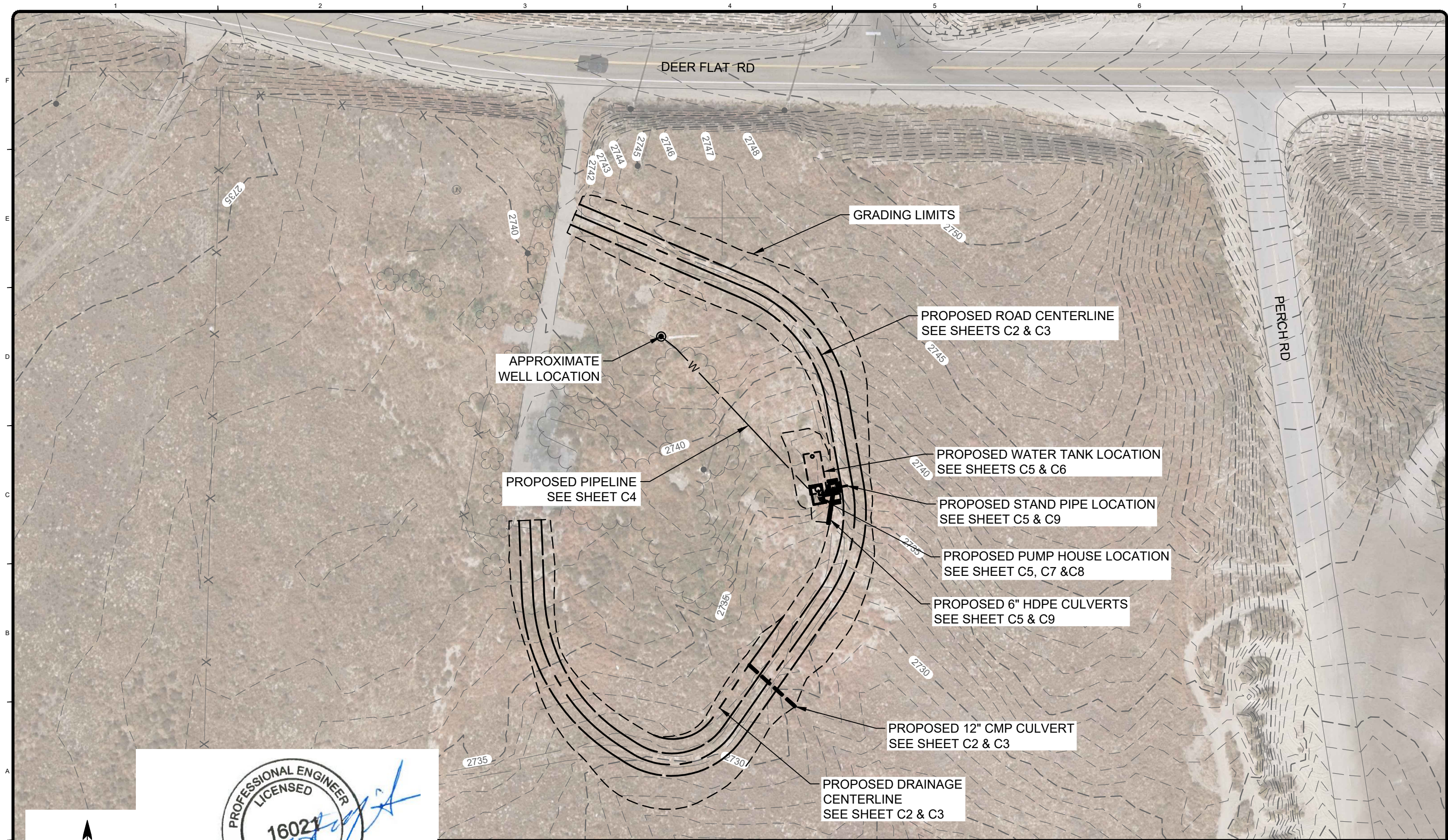
PROPOSED

--- --	PROPOSED EXCAVATION BOUNDARY
---(2700)---	FINAL GRADE MAJOR CONTOUR & ELEVATION LABEL
-----	FINAL GRADE MINOR CONTOUR
-----	PROPOSED UNDERGROUND TANK
=====	PROPOSED CONCRETE PAD
=====	PROPOSED PIPE
-----W-----	PROPOSED PIPELINE CENTERLINE
-----	PROPOSED DRAINAGE CENTERLINE
=====	PROPOSED CULVERT
-----	PROPOSED ROAD CENTERLINE
-----	PROPOSED ROAD EDGE

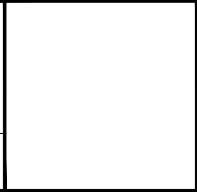




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PICKLES BUTTE LANDFILL  
CANYON COUNTY, IDAHO  
**DUST CONTROL WELL PUMP STATION  
AND STORAGE TANK**  
**SITE PLAN**

Project No.: 114-571040-2022
Designed By: LDC
Drawn By: SEF
Checked By: LDC
<b>C1</b>

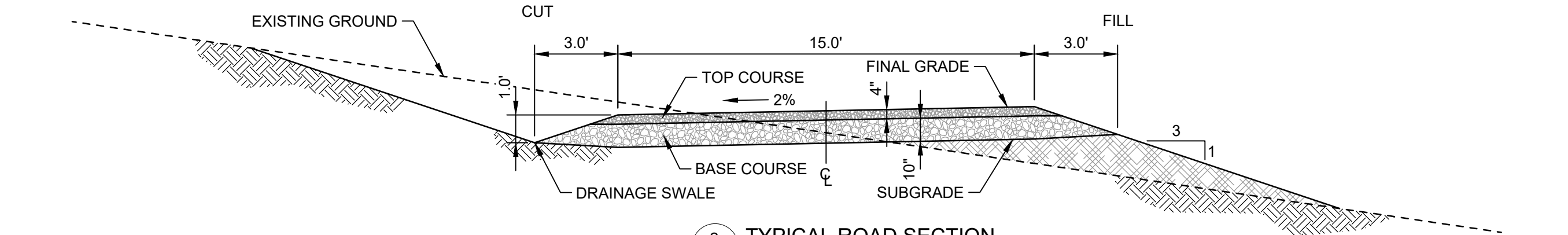
Bar Measures 1 inch

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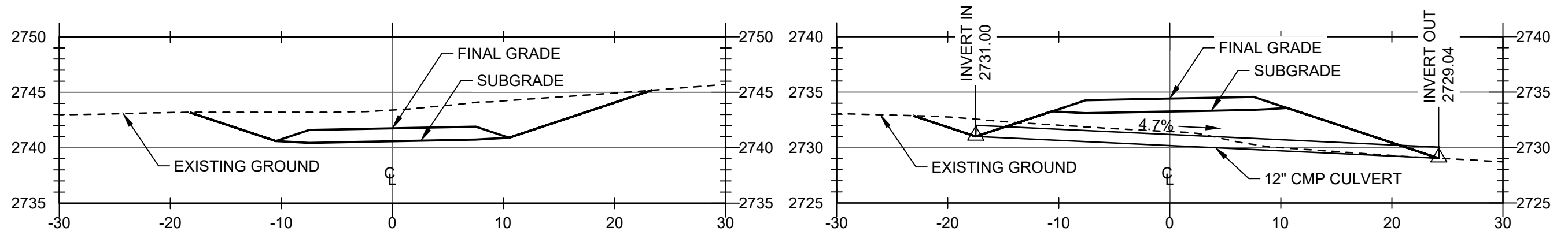




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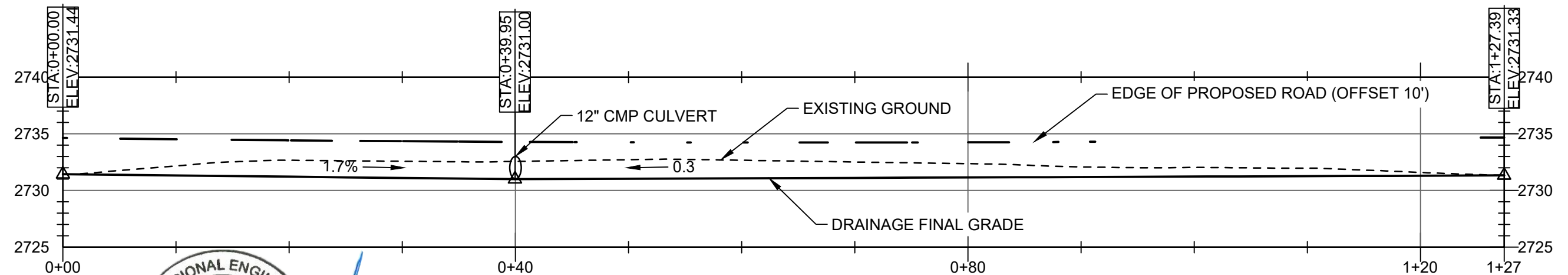


2  
C2  
TYPICAL ROAD SECTION  
SCALE: 1"=4'



A  
C2  
SECTION STA 0+40  
SCALE: 1"=10'

B  
C2  
SECTION STA 4+32  
SCALE: 1"=10'



PROPOSED ROAD DRAINAGE CENTERLINE PROFILE  
SCALE: 1"=10'



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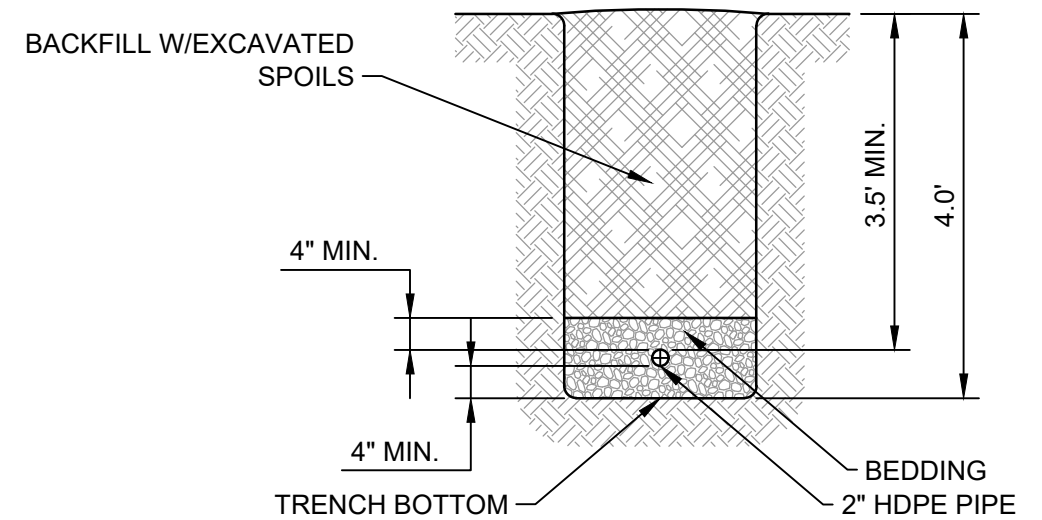
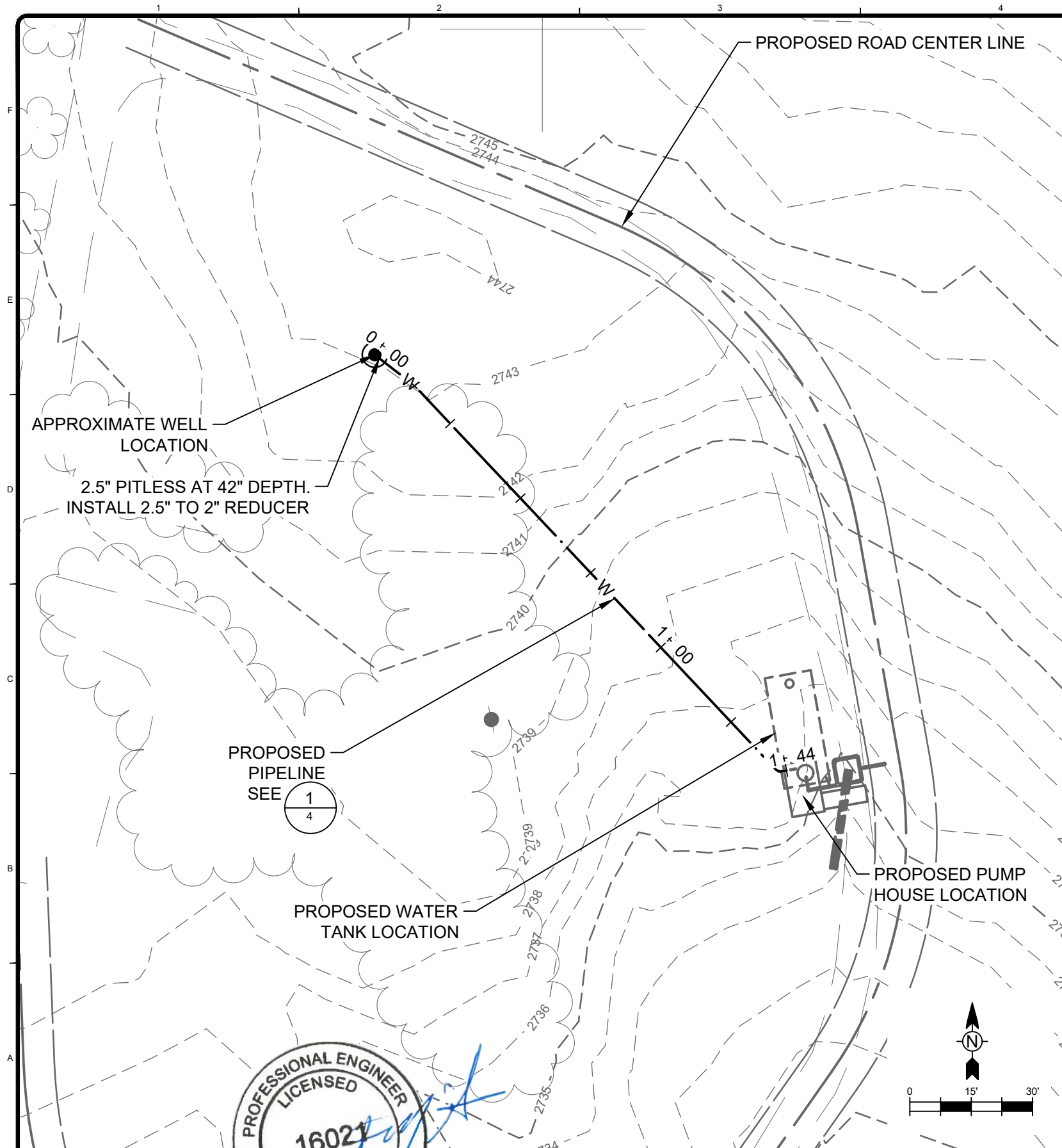
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CANYON COUNTY, IDAHO  
DUST CONTROL WELL PUMP STATION  
AND STORAGE TANK  
**ROAD SECTIONS AND  
DRAINAGE PROFILE**

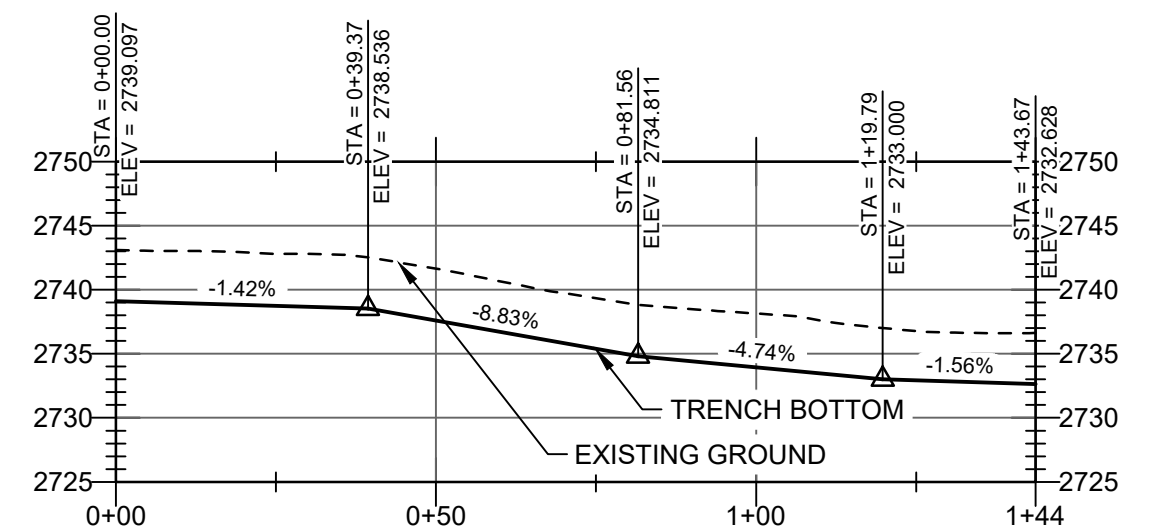
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Designed By: LDC  
Drawn By: SEF  
Checked By: LDC

C3

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1  
4  
TYPICAL TRENCH BACKFILL DETAIL  
SCALE: NTS



PIPELINE TRENCH CENTERLINE PROFILE



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PICKLES BUTTE LANDFILL  
CANYON COUNTY, IDAHO  
DUST CONTROL WELL PUMP STATION  
AND STORAGE TANK  
PIPELINE  
PLAN & PROFILE

Project No.: 114-571040-2022  
Designed By: LDC  
Drawn By: SEF  
Checked By: LDC

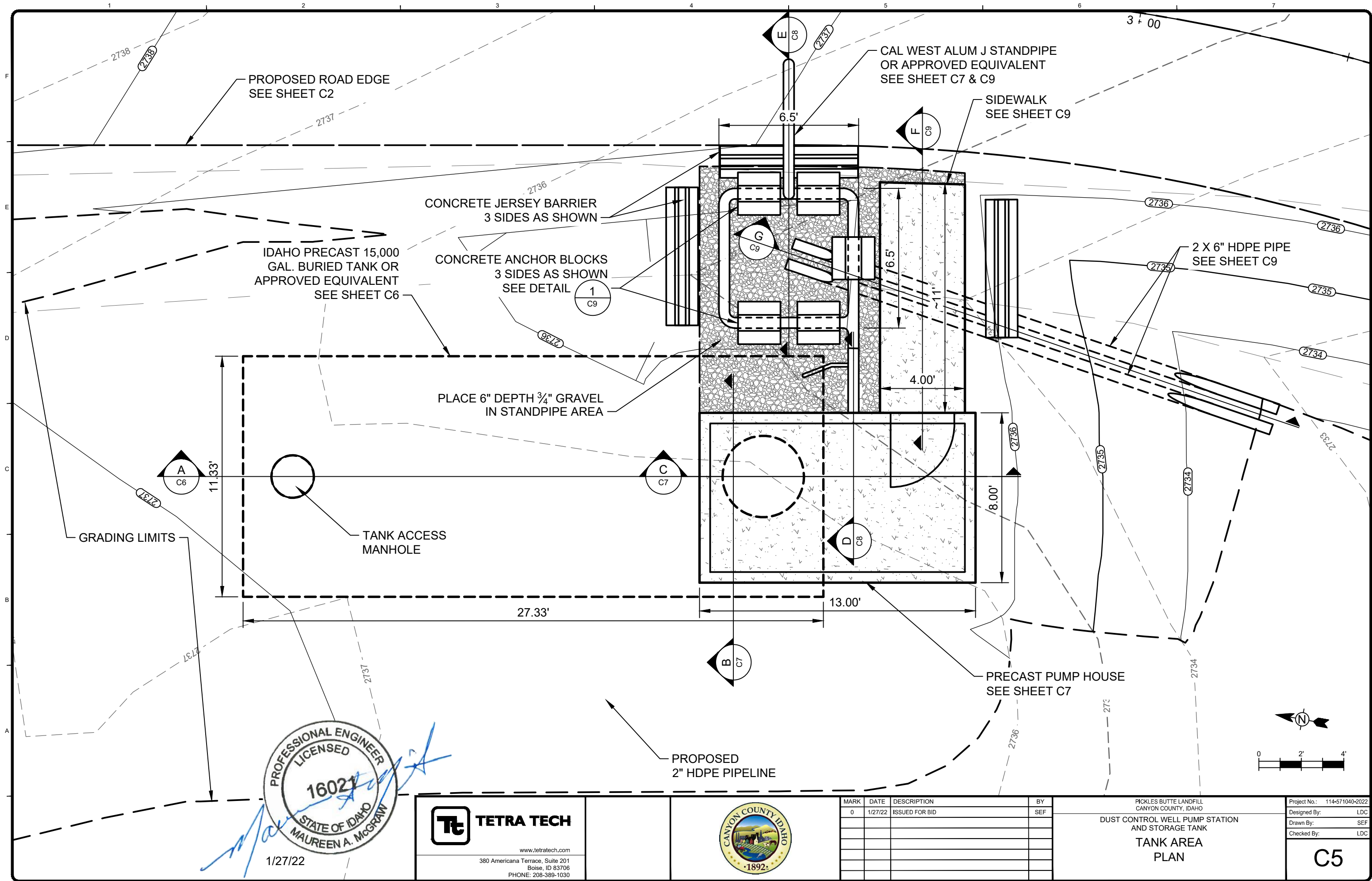
C4

Bar Measures 1 inch

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CANYON COUNTY, IDAHO  
DUST CONTROL WELL PUMP STATION  
AND STORAGE TANK

**TANK AREA  
PLAN**

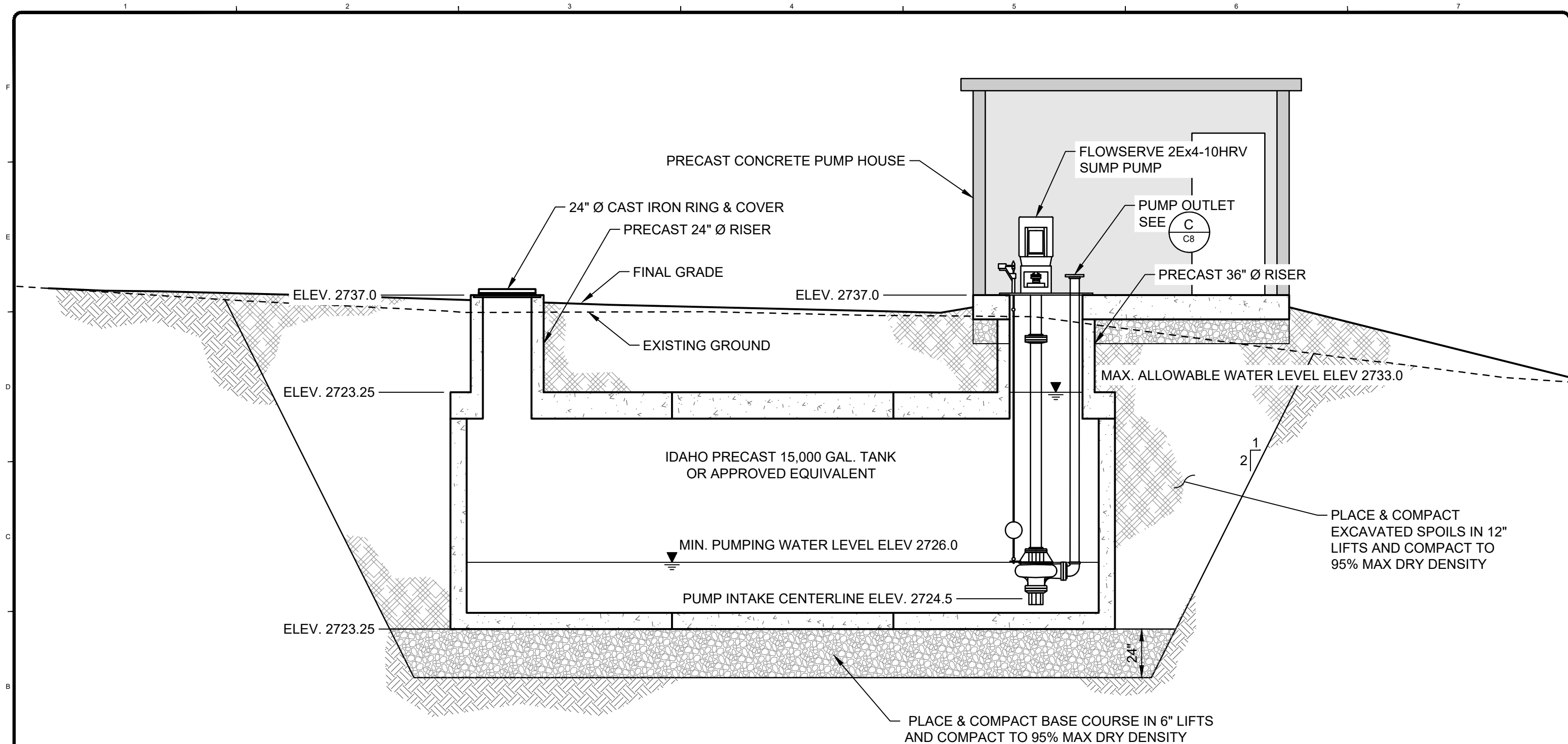
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**C5**

Bar Measures 1 inch

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1/27/22

A SECTION A  
C5 SCALE: 1"=4'-0"



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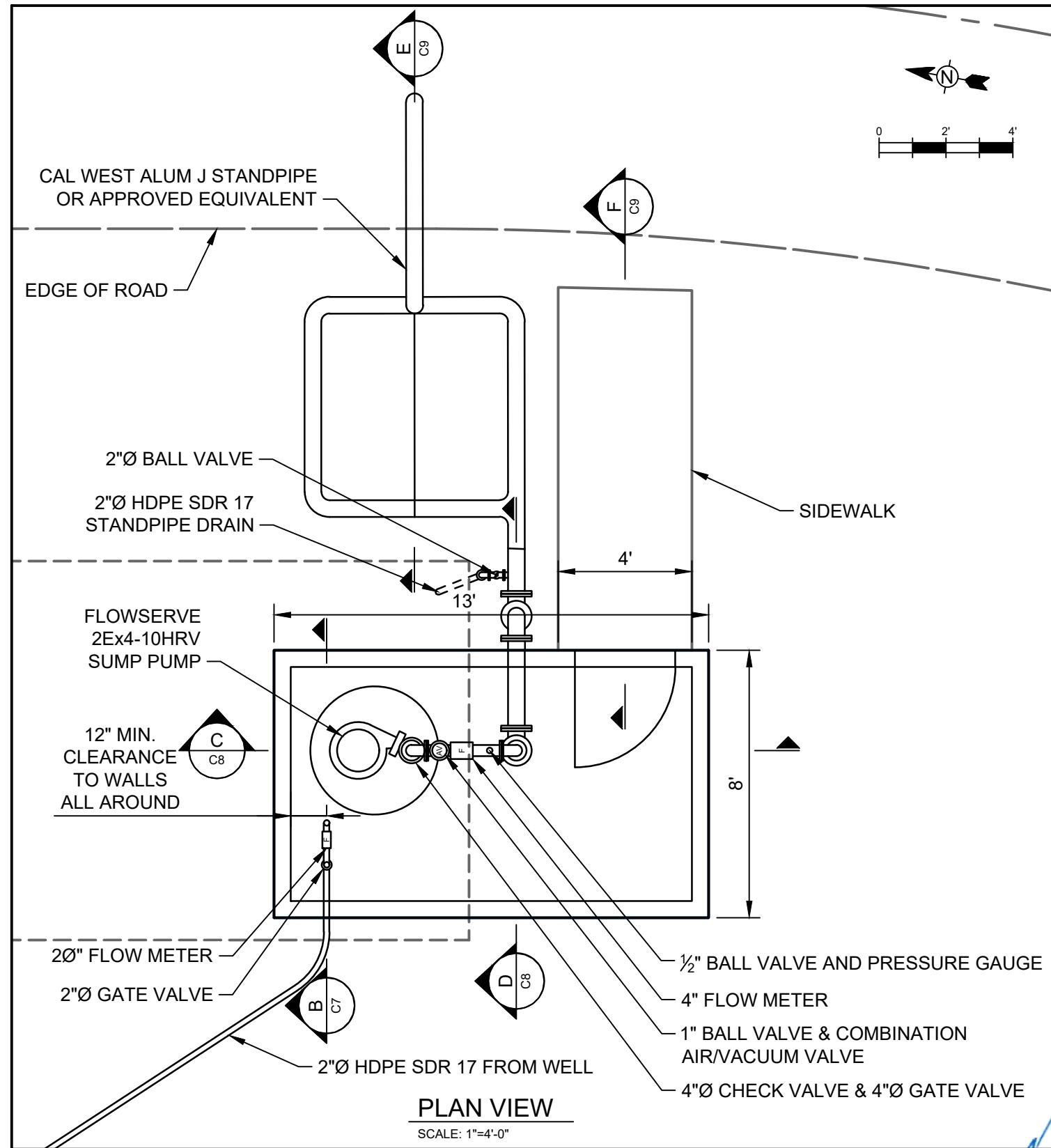
PICKLES BUTTE LANDFILL  
CANYON COUNTY, IDAHO  
DUST CONTROL WELL PUMP STATION  
AND STORAGE TANK  
WATER TANK  
SECTION

Project No.: 114-571040-2022  
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Drawn By: SEF  
Checked By: LDC

C6

Bar Measures 1 inch

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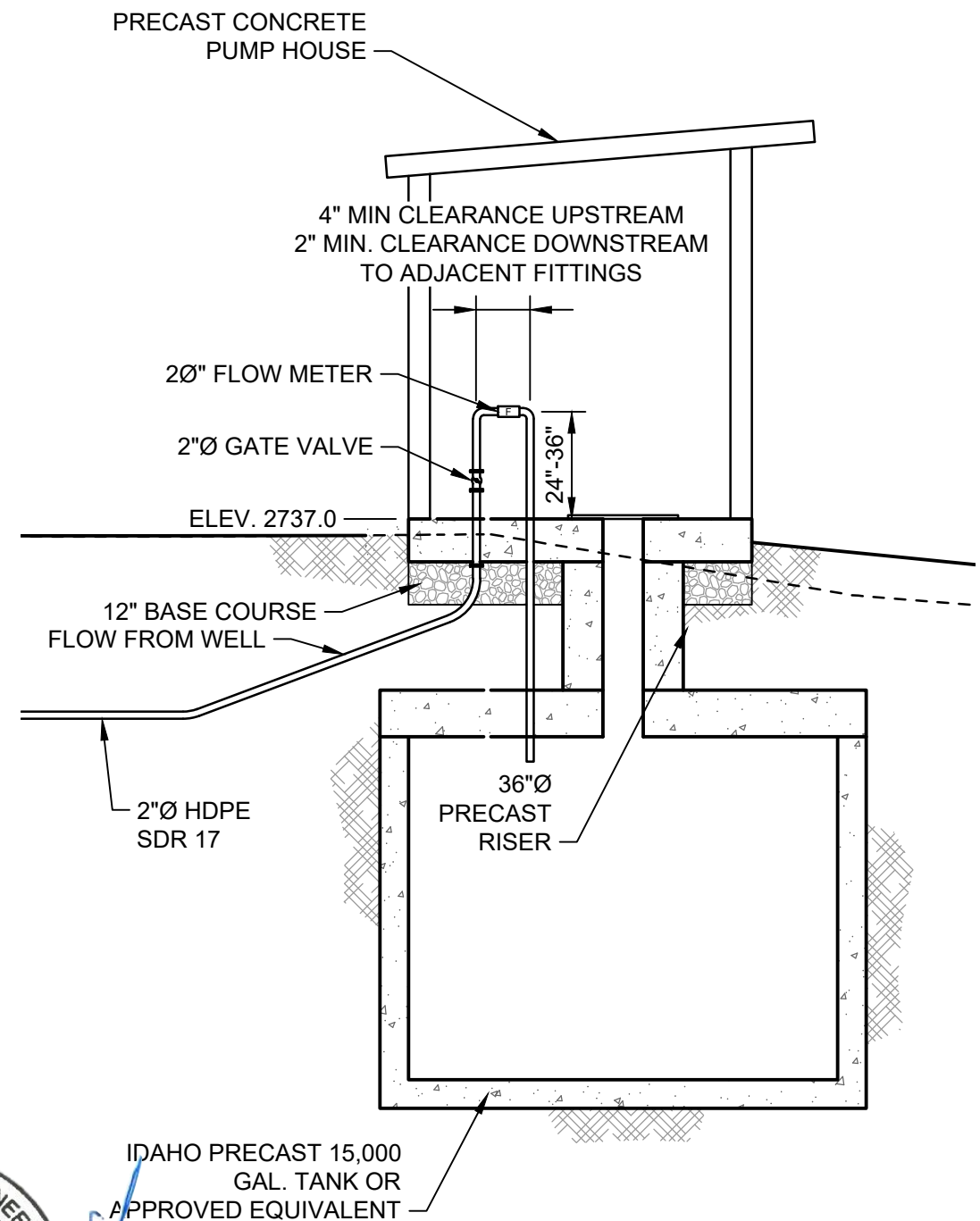


PLAN VIEW

SCALE: 1"=4'-0"

NOTE:

1. ALL PIPING IN PUMP HOUSE INTERIOR TO CONSIST OF DUCTILE IRON CL 150.



SECTION B

SCALE: 1"=4'-0"



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PICKLES BUTTE LANDFILL  
CANYON COUNTY, IDAHO  
DUST CONTROL WELL PUMP STATION  
AND STORAGE TANK  
PUMP HOUSE PLAN  
AND SECTIONS

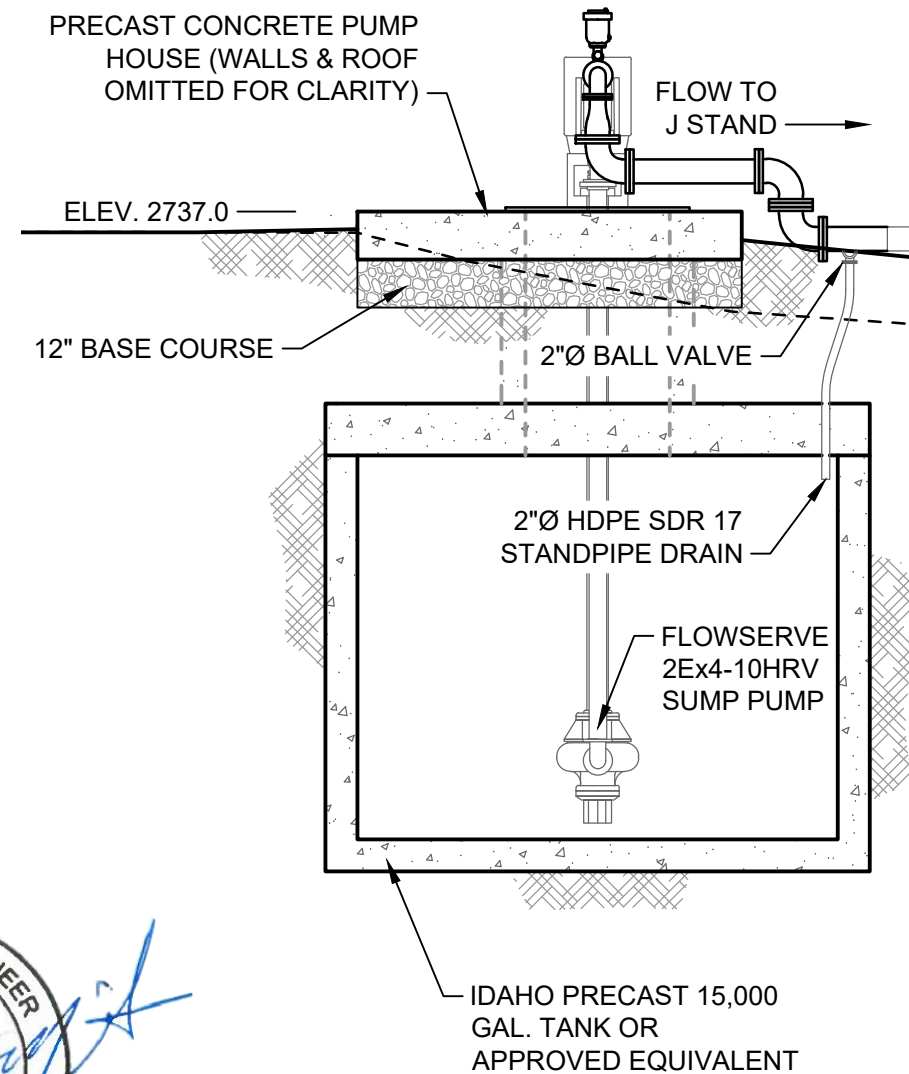
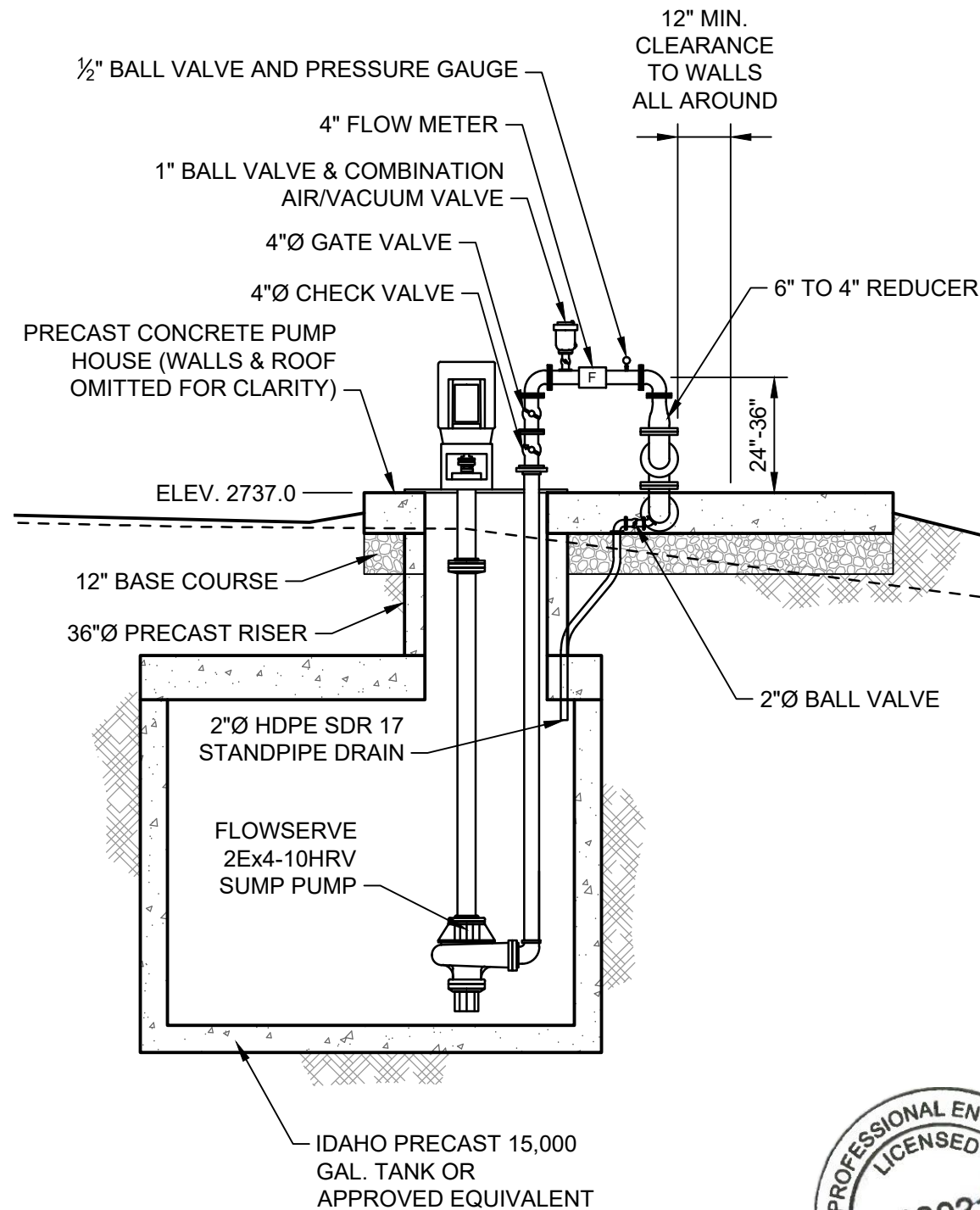
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Designed By: LDC  
Drawn By: SEF  
Checked By: LDC

C7

Bar Measures 1 inch



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#### PUMP HOUSE NOTES:

- PUMP HOUSE SHALL CONSIST OF A PRECAST STRUCTURE WITH BASE, WALLS, AND SLOPING (1:12 MIN SLOPE) ROOF. MINIMUM INTERIOR DIMENSIONS SHALL BE 8' x 8' CLEAR WITH A MINIMUM EAVE HEIGHT OF 7'.
- WALL AND ROOF PANELS SHALL CONSIST OF PRECAST PANELS WITH A SANDWICH LAYER OF INSULATION. THE R-VALUE FOR THE WALL SYSTEM SHALL BE R14 OR HIGHER.
- PUMP HOUSE SHALL BE SUPPLIED EITHER WITH SEPARATE ROOF PANELS OR WITH A 48" x 48" REMOVABLE HATCH ON THE ROOF OVER THE PROPOSED PUMP VAULT FOR THE PURPOSE OF LOWERING THE PUMP INTO THE VAULT.
- PUMP HOUSE SHALL BE EQUIPPED WITH A VENTILATING SYSTEM. HEATING SYSTEM SHALL CONSIST OF ELECTRIC BASE BOARD HEATING AND SHALL BE CAPABLE OF MAINTAINING INTERNAL TEMPERATURE OF 50°F.
- PUMP HOUSE SHALL BE EQUIPPED WITH AT LEAST ONE INTERNAL AND ONE EXTERNAL LIGHT CONTROLLED BY A WALL MOUNTED INTERIOR SWITCH. PUMP HOUSE SHALL ALSO INCLUDE AT LEAST 4 INTERIOR ELECTRICAL OUTLETS TO SUPPLY 110V POWER.
- PUMP HOUSE SHALL BE EQUIPPED WITH ONE MAN DOOR WITH MINIMUM WIDTH OF 3'. NO WINDOWS ARE ALLOWED.
- PUMP HOUSE SHALL INCLUDE A FLOOR DRAIN SYSTEM THAT DRAINS TO THE UNDERLYING TANK.
- PUMP HOUSE TO BE SUPPLIED WITH ELECTRICAL CHASES AND WALL & FLOOR PENETRATIONS FOR ELECTRICAL POWER, PIPING, PUMPS, ETC.
- PUMP HOUSE TO COMPLY WITH ALL APPLICABLE PLUMBING, ELECTRICAL AND BUILDING CODES.
- PUMP HOUSE SUGGESTED SUPPLIER: MOUNTAIN WEST PRECAST, BRIGHAM CITY, UTAH.

#### NOTE:

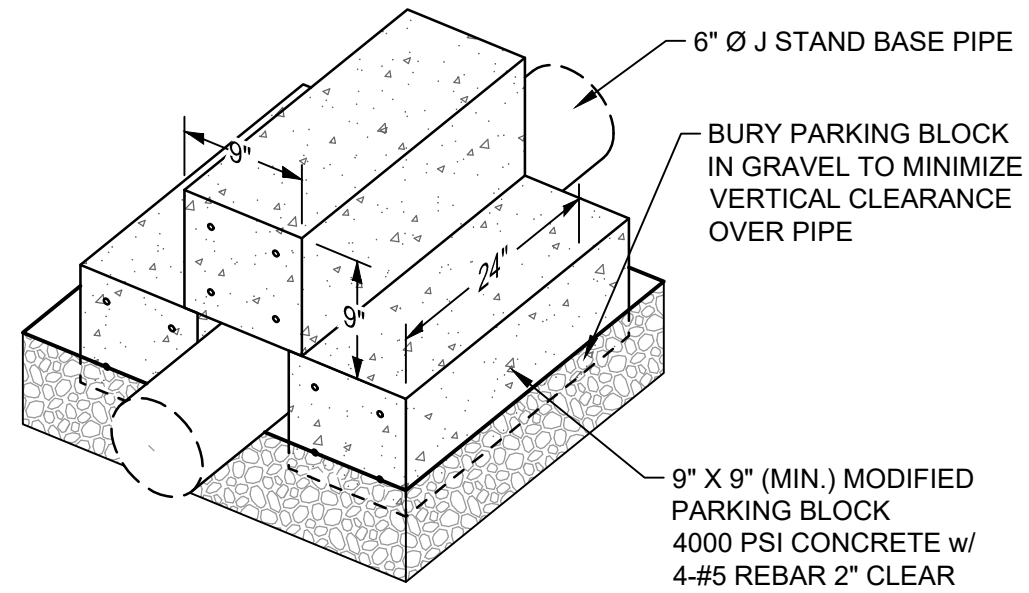
- ALL PIPING IN PUMP HOUSE INTERIOR TO CONSIST OF DUCTILE IRON CL 150.



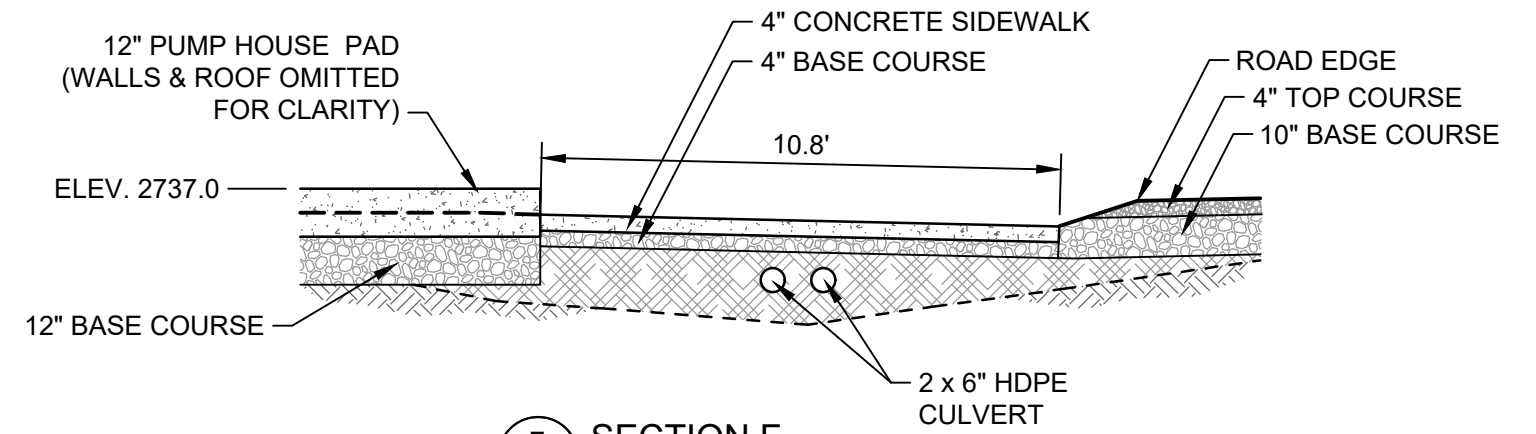
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DUST CONTROL WELL PUMP STATION AND STORAGE TANK	Designed By: LDC
PUMP HOUSE SECTIONS	Drawn By: SEF
	Checked By: LDC
	C8

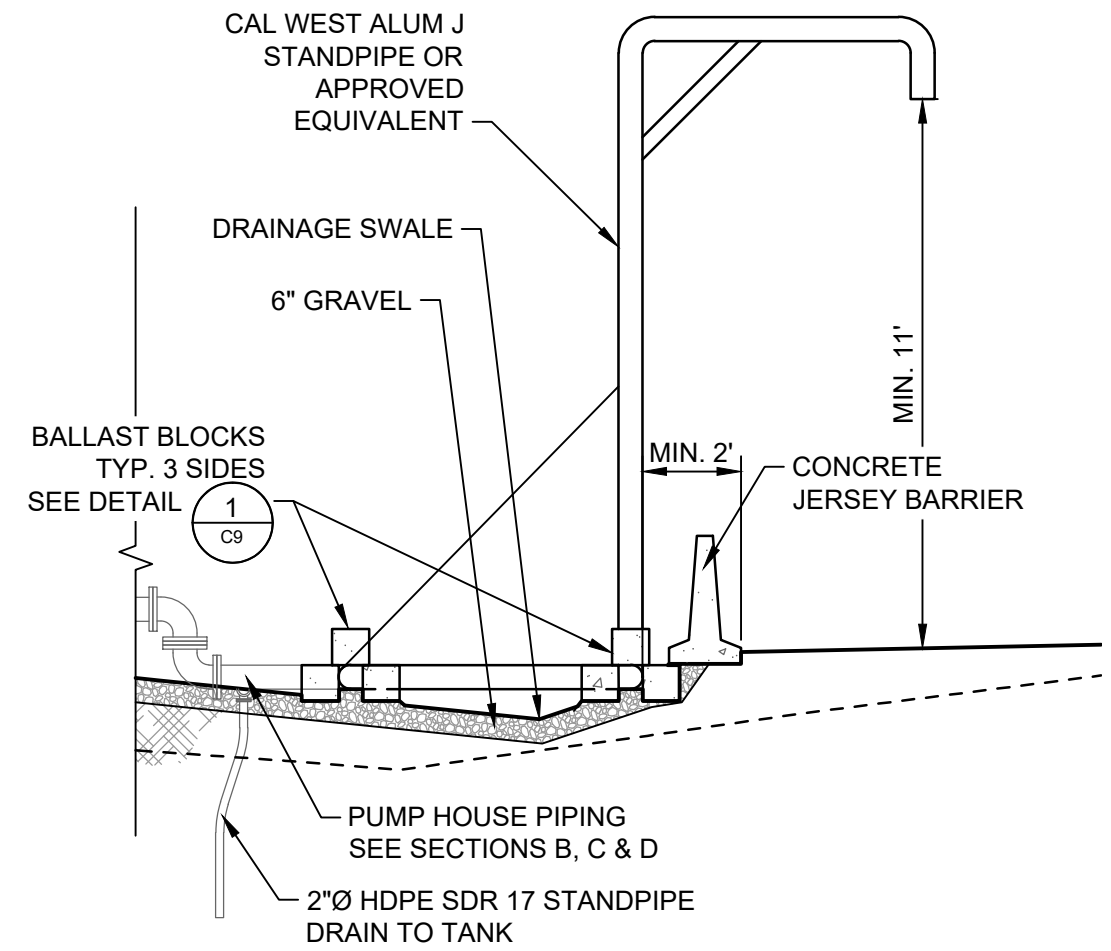
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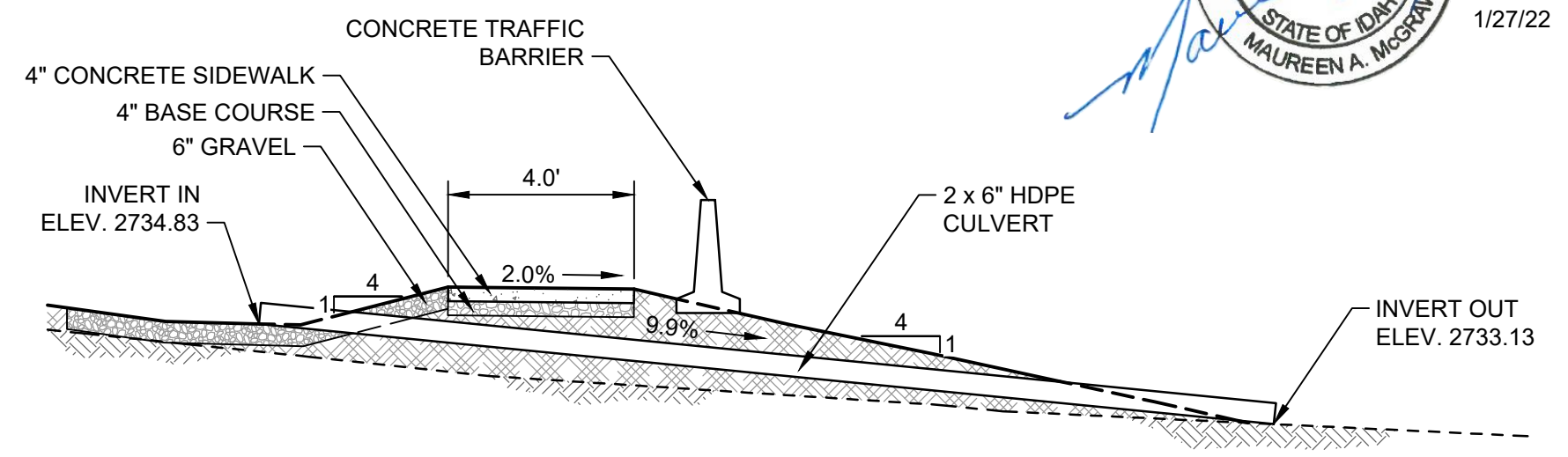
1 J STAND BALLASTING  
C5 NTS



F SECTION F  
C5 SCALE: 1"=4'-0"



E SECTION E  
C5,C7 SCALE: 1"=4'-0"



G SECTION G  
C5 SCALE: 1"=4'-0"



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		0	1/27/22	ISSUED FOR BID	SEF		Designed By: LDC
						DUST CONTROL WELL PUMP STATION AND STORAGE TANK	Drawn By: SEF
							Checked By: LDC
						STAND PIPE AND SIDEWALK SECTIONS	C9

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