

RECEIVED
FEB 11 2020
IDWR / NORTH

TRANSMITTAL

February 11, 2020



ATTN: Adam Frederick

JOB: LCE 16-052.4

COMPANY: IDWR

CC:

RE: BRU Irrigation and Fire Protection Pond

QUANTITY	TRANSMITTED HERewith ARE THE FOLLOWING ITEMS:
1	BRU Irrigation and Fire Protection Pond As-Built 11x17

THESE ITEMS ARE TRANSMITTED AS CHECKED BELOW:

☒ For Review

☐ For Your Information

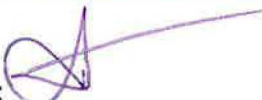
☒ For Approval

☐ Per Your Request

☐ For Your Signature

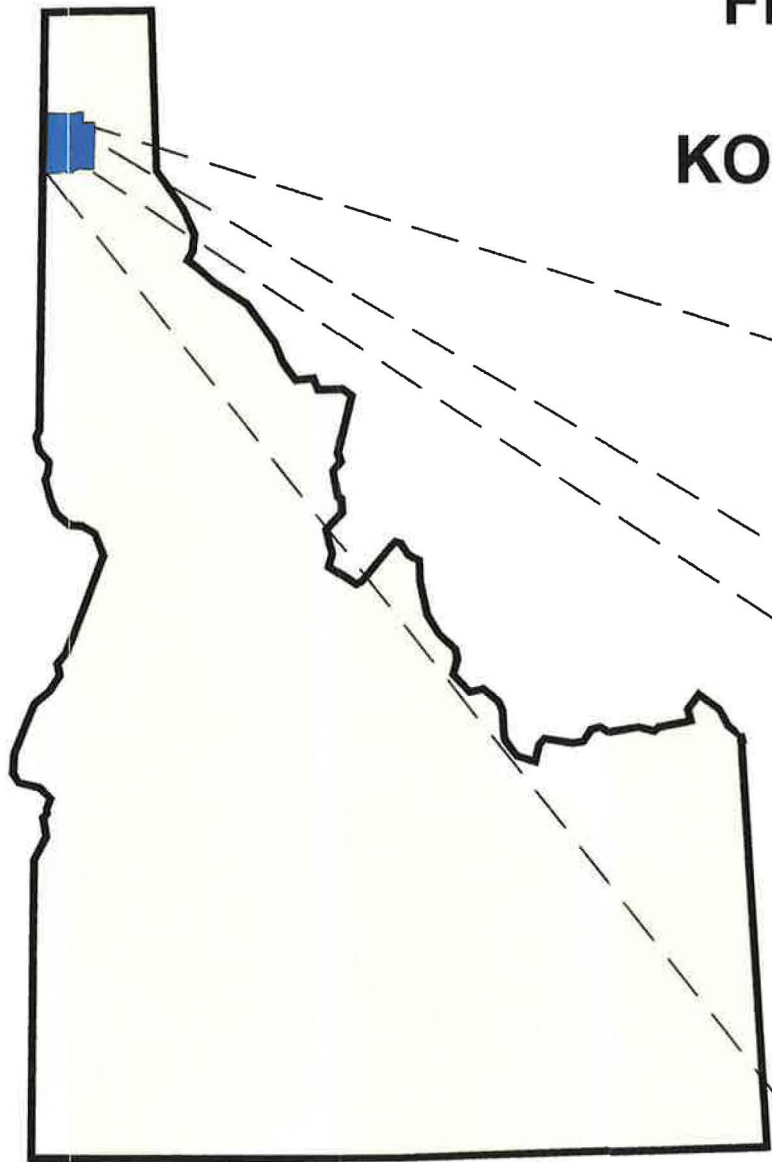
☐ Other: _____

REMARKS:

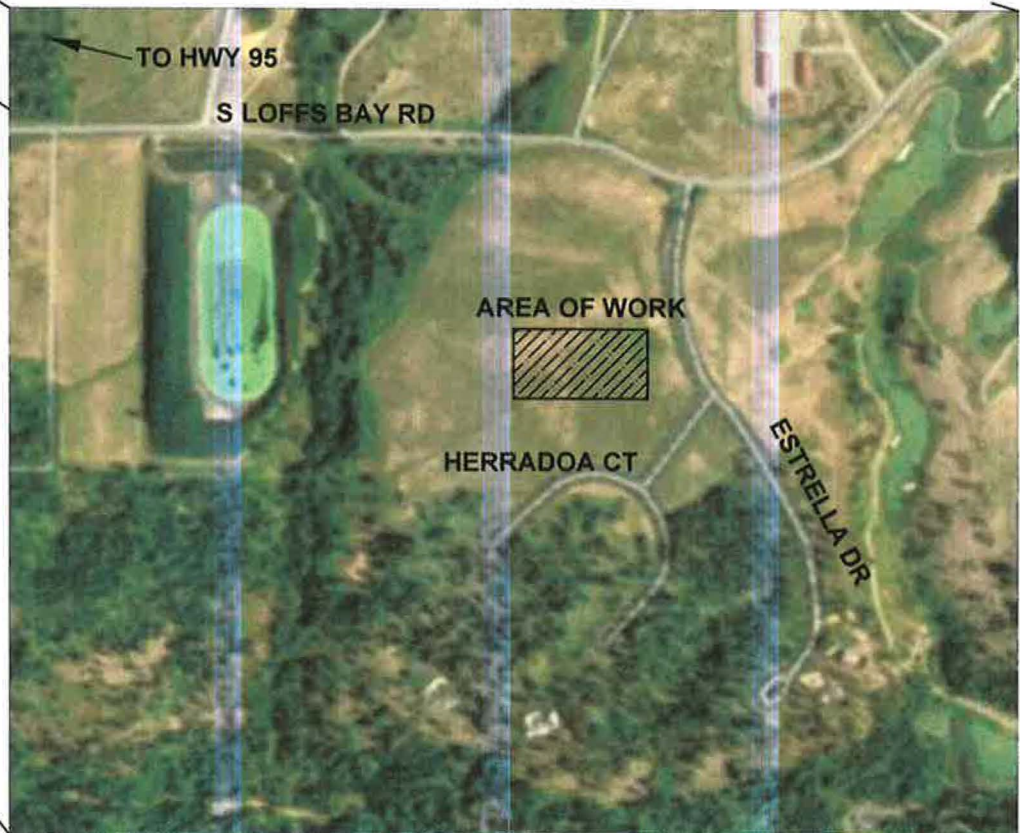
Signed: 
Taylor Lander, Office Assistant

Received by: _____ Date: _____

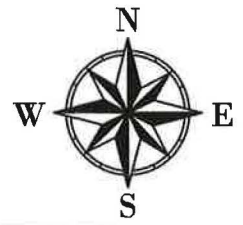
**BLACK ROCK
UTILITY IRRIGATION AND
FIRE PROTECTION POND
ASBUILT
KOOTENAI COUNTY, IDAHO**



IDAHO STATE MAP
SCALE: NTS



VICINITY MAP
SCALE: NTS

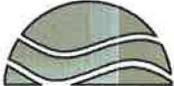


GRAPHIC SCALE

ENGINEERS STAMP



REVISIONS		
#	DESCRIPTION	DATE

 **INLAND
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CONSULTANTS IN THE EARTH AND ENVIRONMENTAL SCIENCES
8704 DALTON AVE
SPOKANE, WASHINGTON 99212
(509) 563-5242
WWW.INLANDEARTH.COM

PROJECT:
**BLACK ROCK
UTILITY IRRIGATION AND
FIRE PROTECTION POND
ASBUILT
KOOTENAI COUNTY, IDAHO**

DRAWN BY: TGL	DATE: 01/31/20
APPROVED BY: SH	CONTRACT BLACK ROCK
DATE: 01/31/2020	SCALE: NTS

DRAWING NAME: TITLE
SHEET NO.: **T-01**

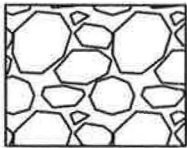
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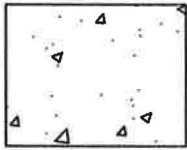
SHEET INDEX

DRAWING NAME	SHEET NUMBER
TITLE PAGE	T-01
NOTES AND LEGEND	T-02
SITE PLAN	C-01
SITE FEATURES	C-02
DETAILS	D-01
ADDITIONAL DETAILS	D-02
UNDERDRAIN DETAILS	D-03

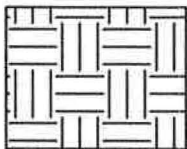
HATCH PATTERN LEGEND
DRAWING SCALES VARY



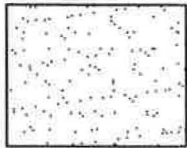
GRAVEL



CONCRETE



EARTH



ASPHALT

LINE TYPE LEGEND
DRAWING SCALES VARY



BERM LOCATION



AGRU DRAINLINER



OVERHEAD POWER



EXISTING MINOR CONTOUR



EXISTING MAJOR CONTOUR



NEW MINOR CONTOUR LINE



NEW MAJOR CONTOUR LINE



FEATURE LINE



ALIGNMENT

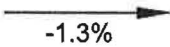
DRAWING SYMBOL LEGEND
DRAWING SCALES VARY



CONSTRUCTION
CONTROL POINT



SPOT ELEVATION



GRADE SLOPE



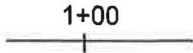
NORTH ARROW



DRAWING SCALE BAR



CONTOUR ELEVATION



ALIGNMENT STATION

GRAPHIC SCALE

ENGINEERS STAMP



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PROJECT:

BLACK ROCK
UTILITY IRRIGATION AND
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ASBUILT
KOOTENAI COUNTY , IDAHO

DRAWN BY:

TGL

DATE:

01/31/20

APPROVED BY:

SH

CONTRACT

BLACKROCK

DATE:

01/31/2020

SCALE:

NTS

DRAWING NAME:

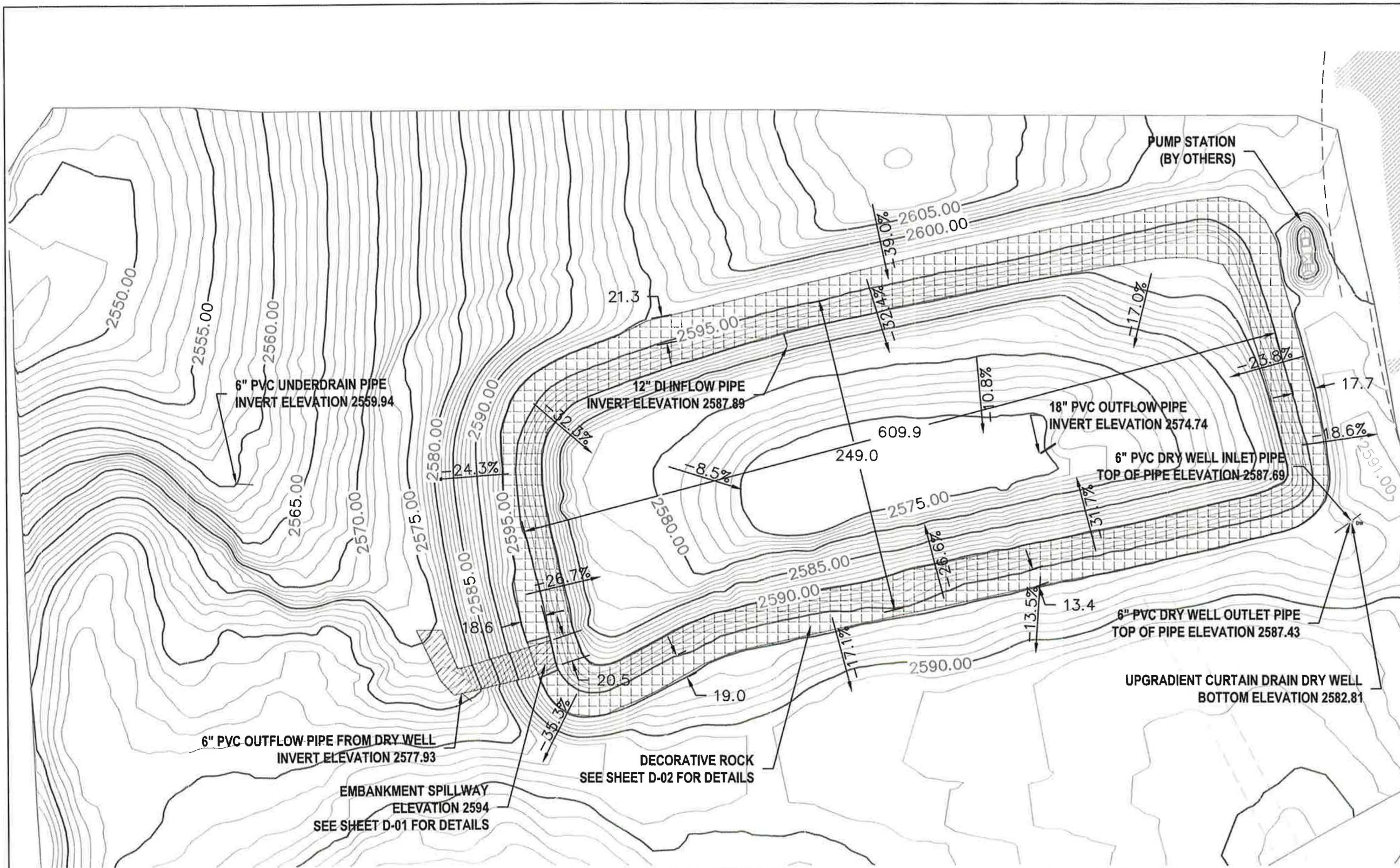
NOTES AND LEGEND

SHEET NO.:

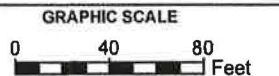
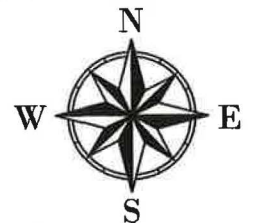
T-02

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POND CAPACITY				
WATER ELEVATION	VOLUME		SURFACE AREA	
	GALLONS	ACRE.FT	SQUARE FEET	ACRES
2593 (MAX OPERATING LEVEL)	9,973,157.04	30.6	131,544.75	3.02
2594 (FULL)	10,979,973.44	33.7	137,777.96	3.16



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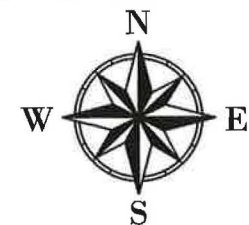
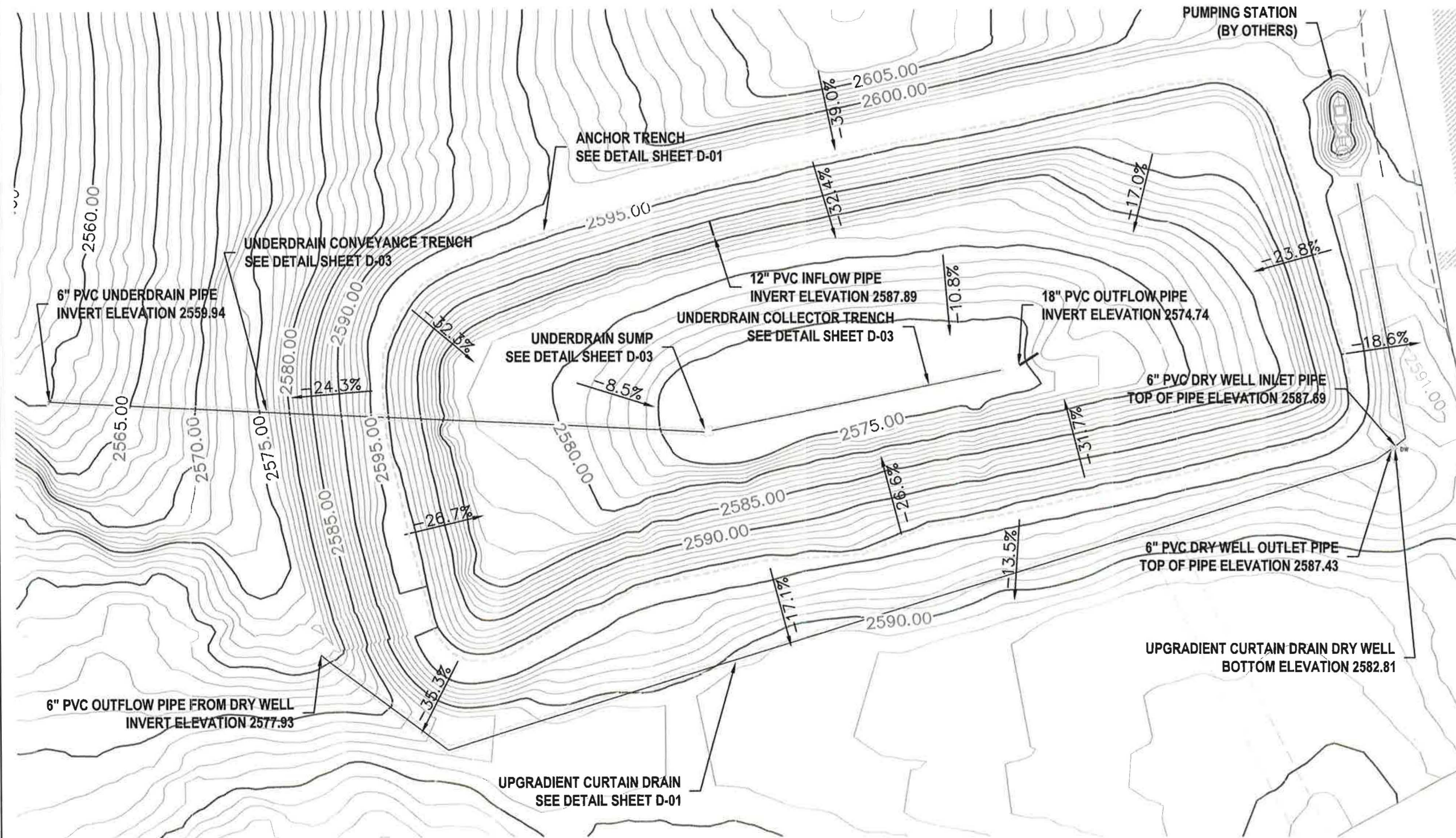
PROJECT:
**BLACK ROCK
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ASBUILT
KOOTENAI COUNTY, IDAHO**

DRAWN BY: TGL DATE: 01/31/20
APPROVED BY: SH CONTRACT: BLACKROCK
DATE: 01/31/2020 SCALE: 1"=80'

DRAWING NAME: SITE PLAN
SHEET NO.: **C-01**

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0 35 70 Feet

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DRAWN BY: TGL DATE: 01/31/20

APPROVED BY: SH CONTRACT: BLACKROCK

DATE: 01/31/2020 SCALE: 1"=70'

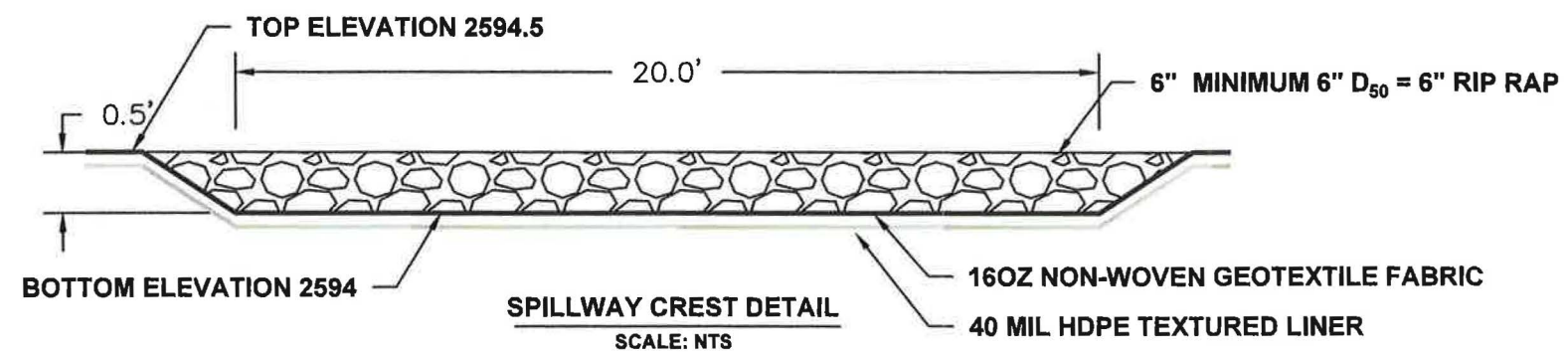
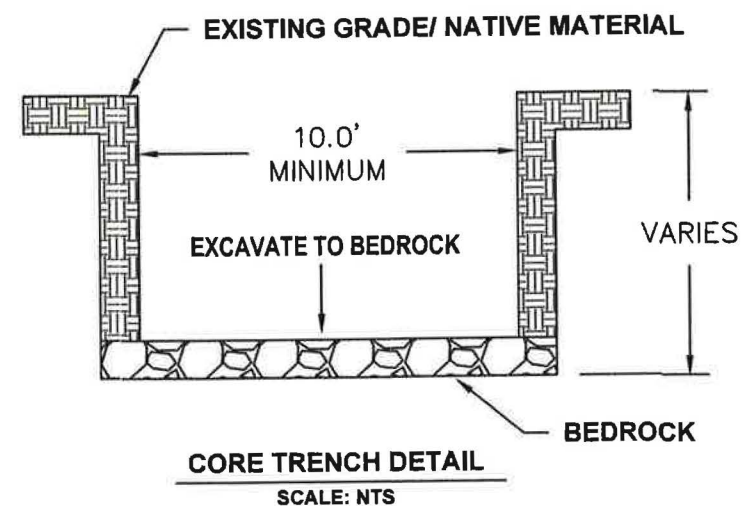
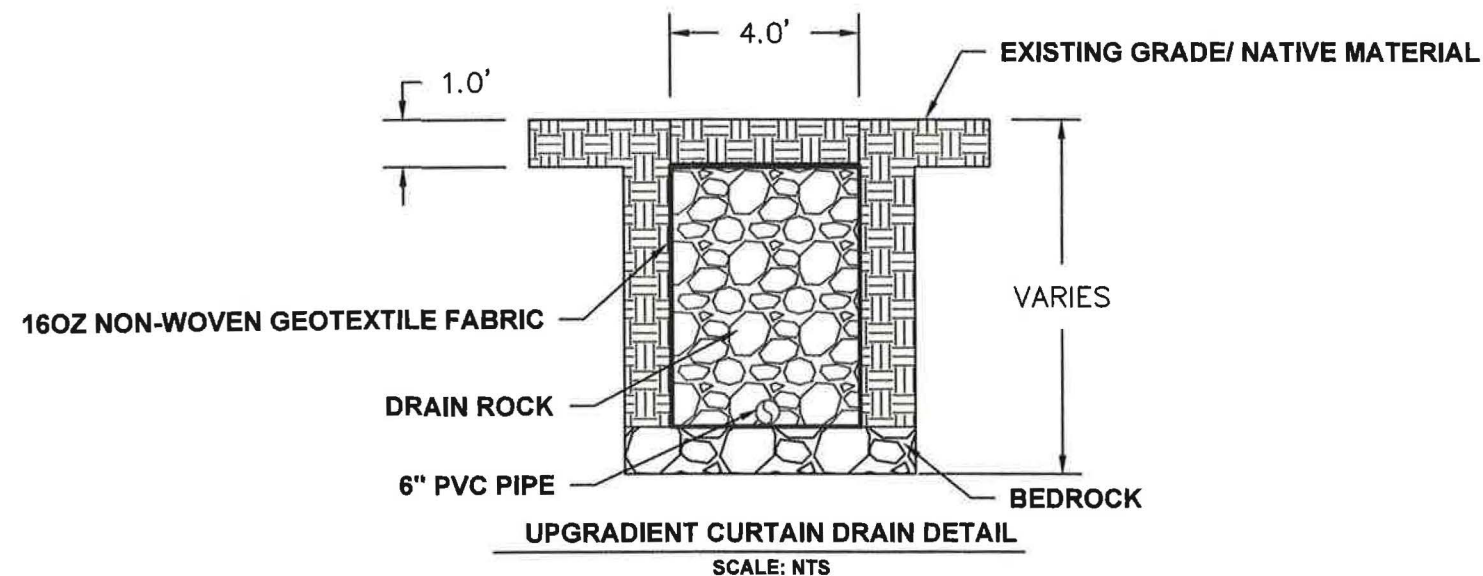
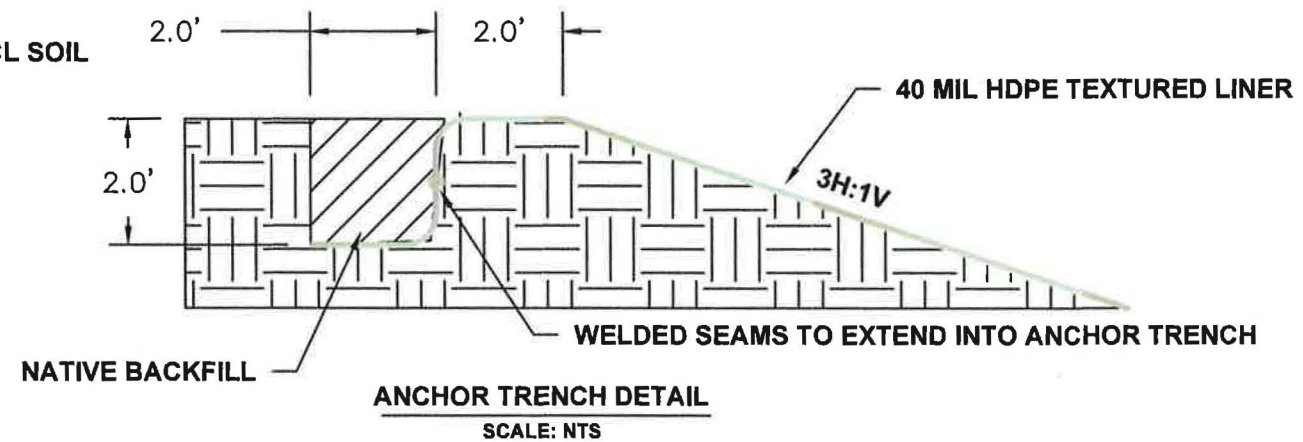
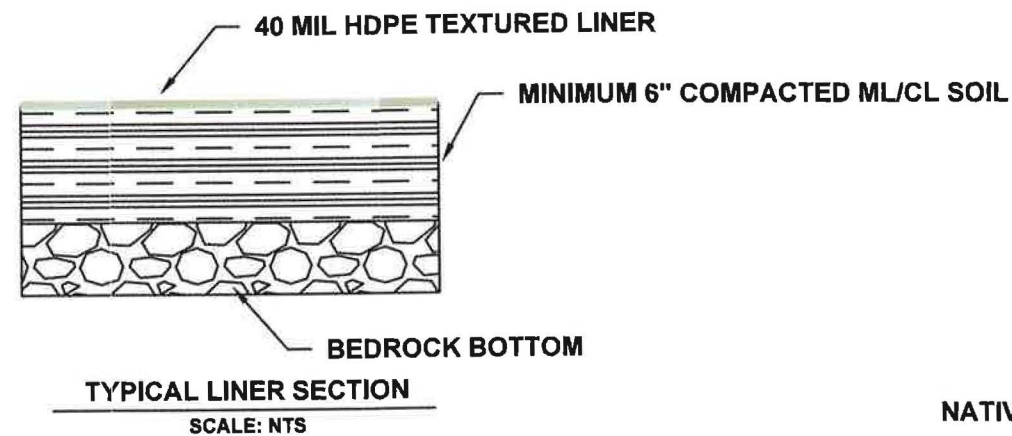
DRAWING NAME:

SHEET NO.: SITE FEATURES

C-02

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TGL

DATE:
01/31/20

APPROVED BY:
SH

CONTRACT
BLACKROCK

DATE:

01/31/2020

SCALE:

NTS

DRAWING NAME:

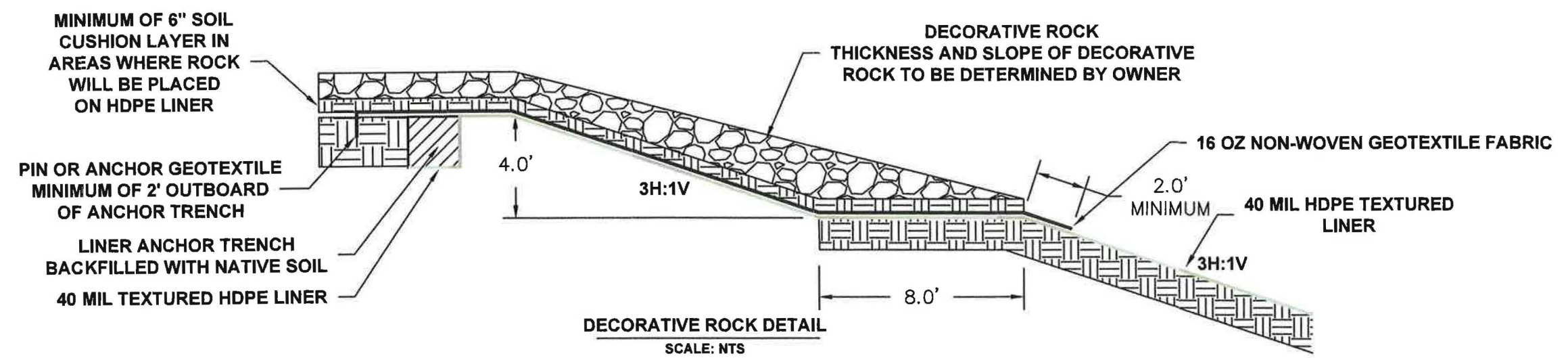
DETAILS

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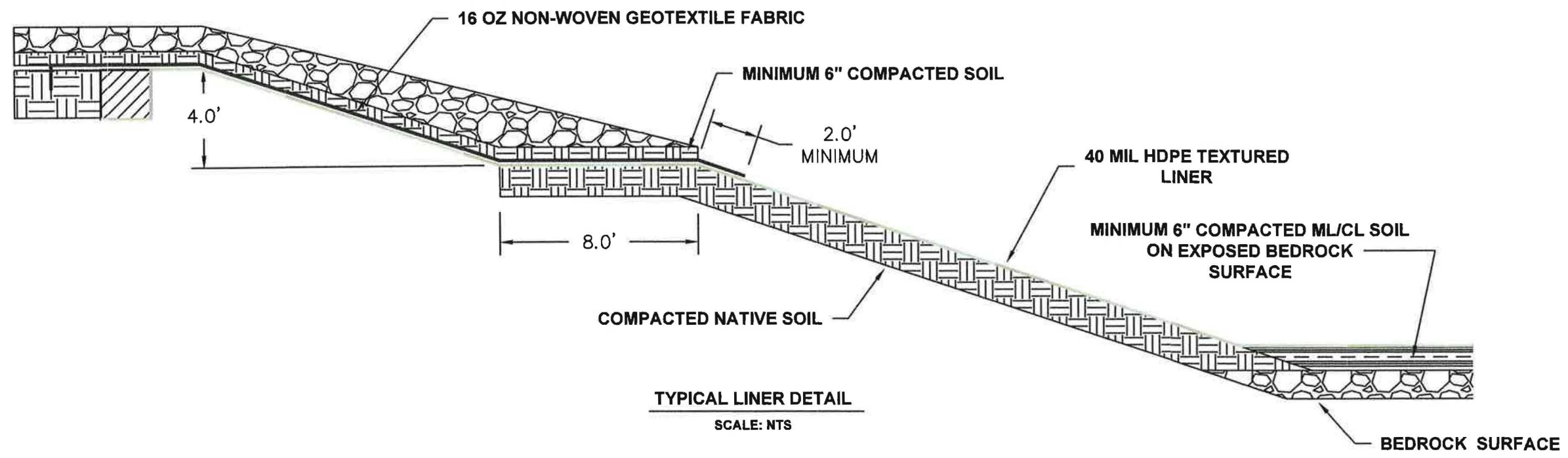
D-01

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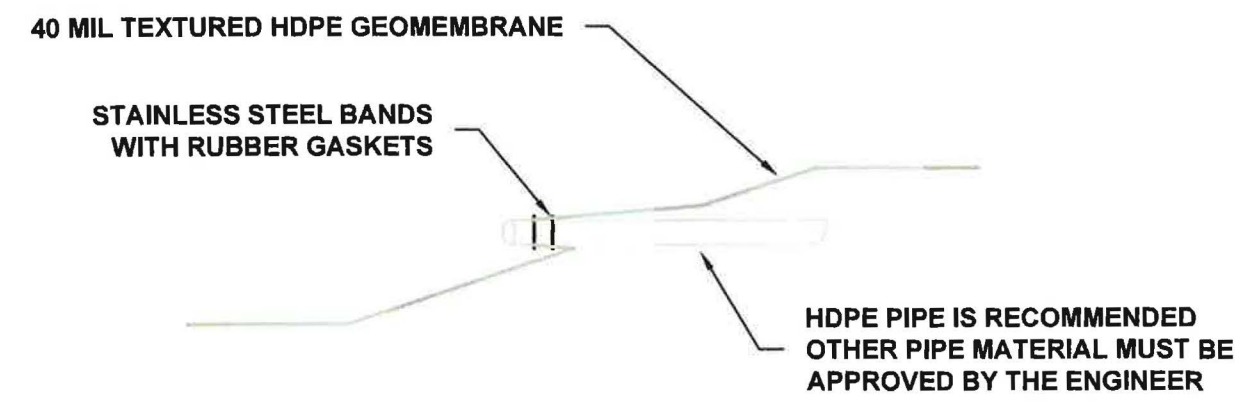
DWR / NORTH



DECORATIVE ROCK DETAIL
SCALE: NTS



TYPICAL LINER DETAIL
SCALE: NTS



TYPICAL PIPE PENETRATION DETAIL
SCALE: NTS

GRAPHIC SCALE

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REVISIONS

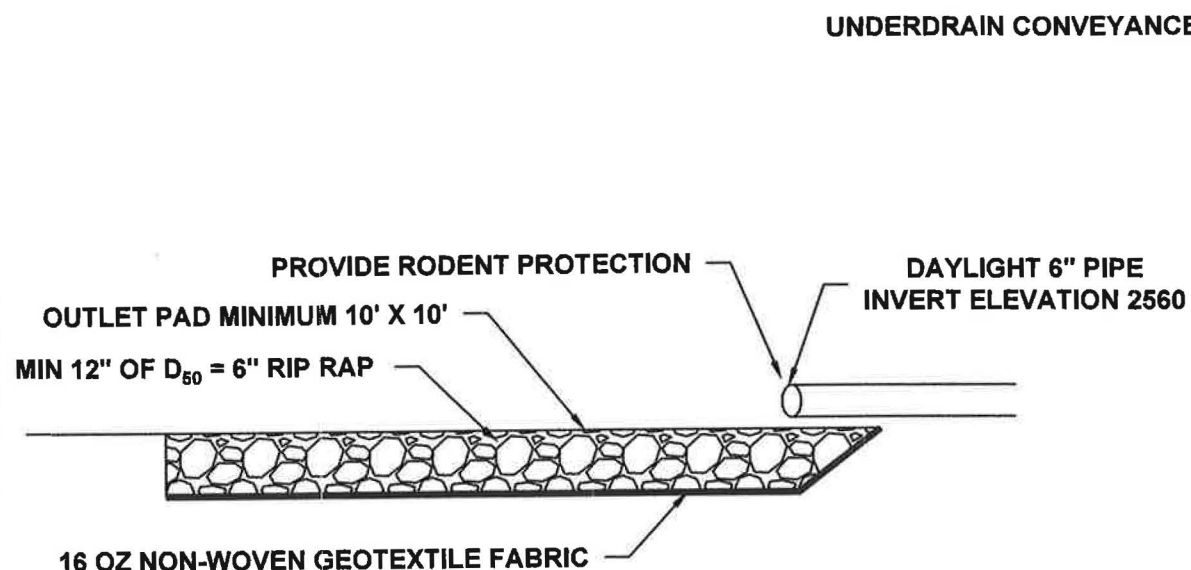
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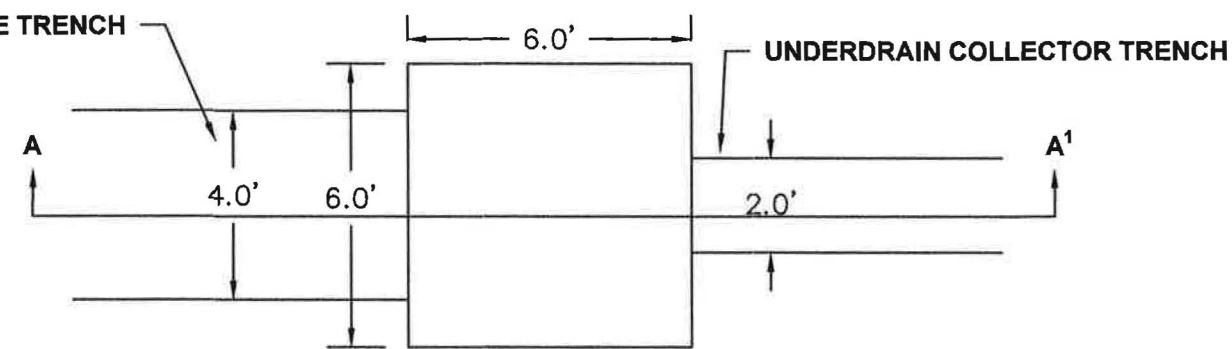
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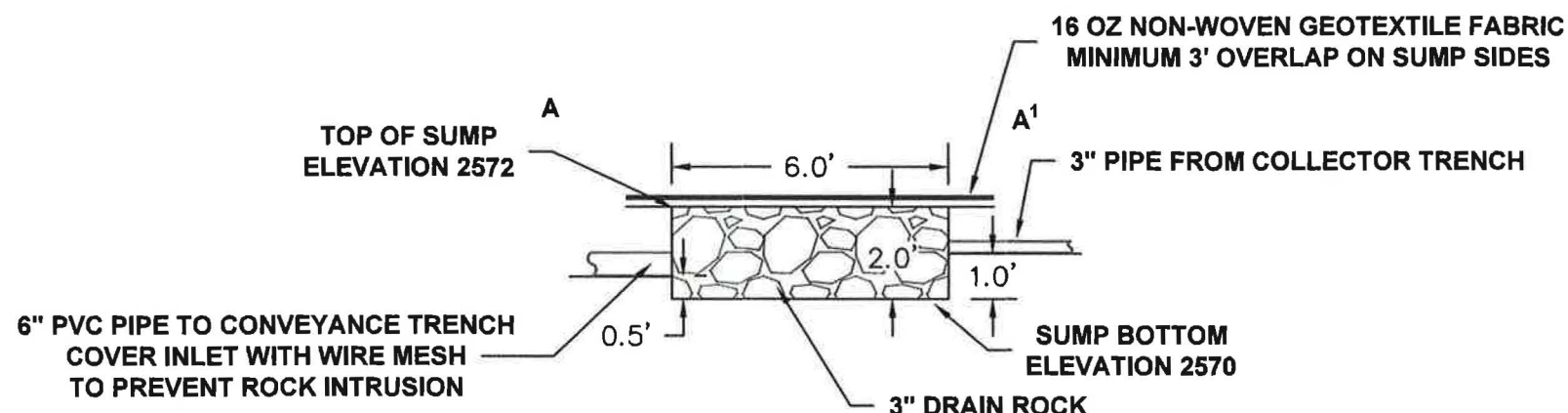
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SHEET NO.: **D-02**



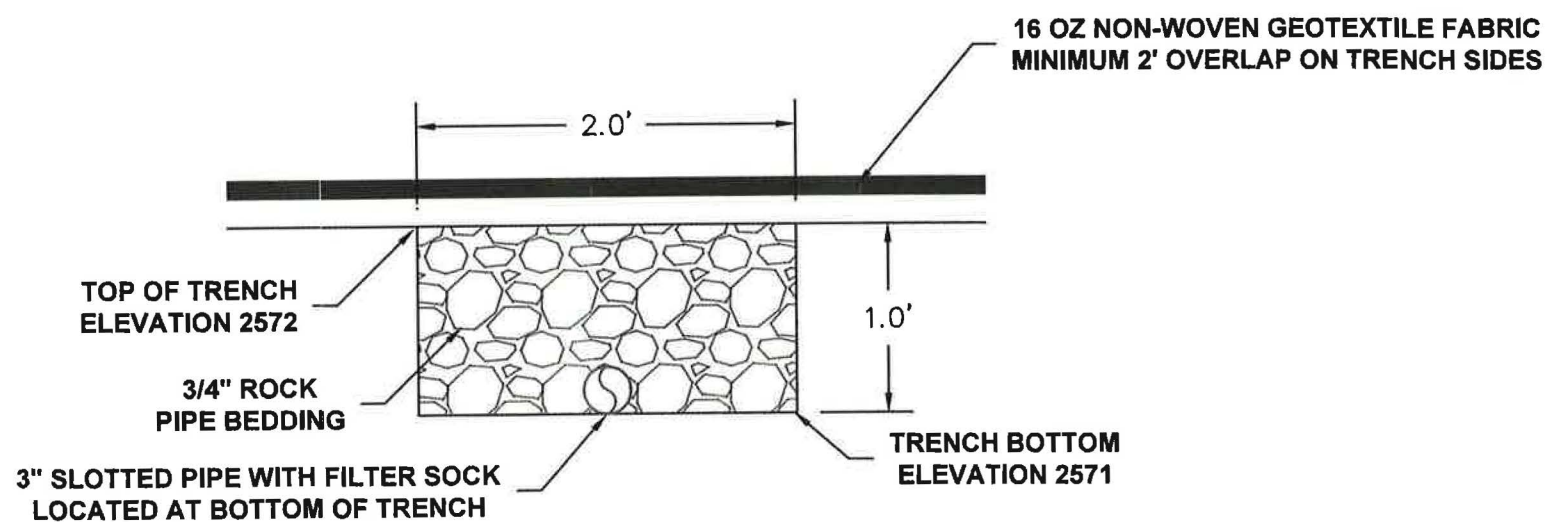
UNDERDRAIN OUTLET DETAILS
SCALE: NTS



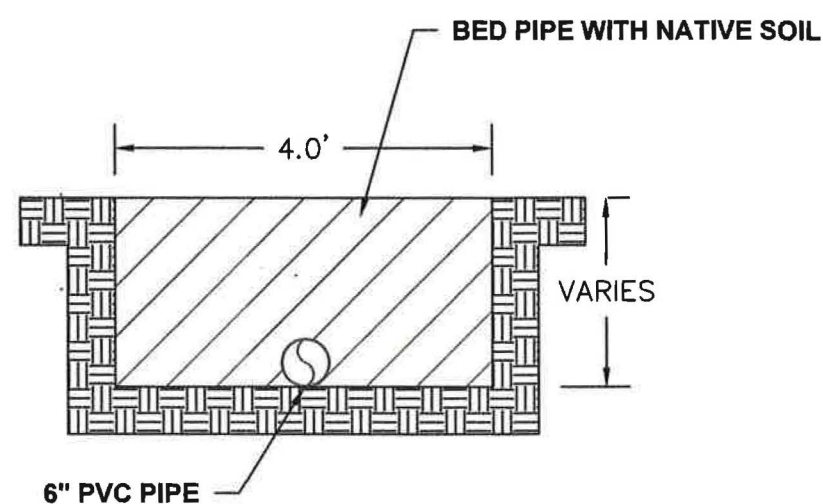
UNDERDRAIN SUMP PLAN VIEW
SCALE: NTS



UNDERDRAIN SUMP SECTION A - A'
SCALE: NTS



UNDERDRAIN COLLECTOR TRENCH
SCALE: NTS



UNDERDRAIN CONVEYANCE TRENCH
SCALE: NTS

GRAPHIC SCALE

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01/31/2020
SCALE:
NTS

DRAWING NAME:
UNDERDRAIN DETAILS
SHEET NO.:

D-03

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