

440 S. Lincoln Ave, Suite 4A  
P.O. Box 775966  
Steamboat Springs, CO 80487  
(970)-871-6772  
www.fourpointse.com

INT	REVISIONS	DATE

**SSRC - TORIAN PLUM EXTENDED  
DETENTION BASIN**  
1965 SKI TIME SQUARE DR  
STEAMBOAT SPRINGS, CO 80487

**Horizontal Scale**  
0 30' 60'  
SCALE: 1" = 30'

Contour Interval = 2 ft  
DATE: 5/20/22  
JOB #: 1670-001  
DRAWN BY: JLW  
DESIGN BY: JLW  
REVIEW BY: RL

IF THIS DRAWING IS PRESENTED IN A  
FORMAT OTHER THAN 24" X 36", THE  
GRAPHIC SCALE SHOULD BE UTILIZED.

**DRAWING:  
COVER PAGE &  
EXISTING  
CONDITIONS  
DRAINAGE**

SHEET #

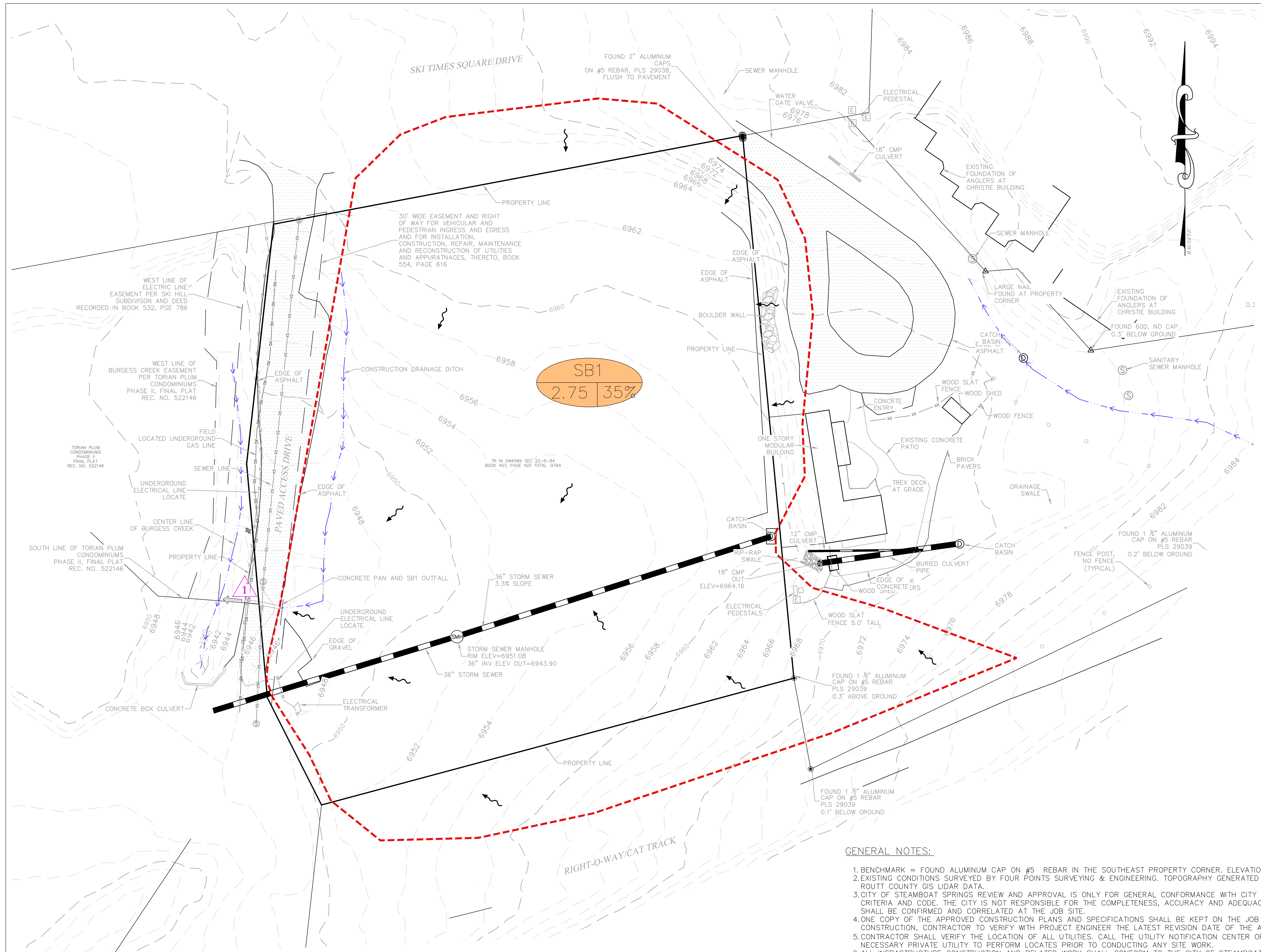
**C1**

**REVIEWED  
FOR  
CODE  
COMPLIANCE**  
06/20/2022



Digitally signed by  
**Joseph Linu  
Wiedemeier**  
Date: 2022.06.17  
08:54:23 -06'00'

LEGEND	EXISTING	PROPOSED
PROPERTY BOUNDARY	———	———
SECTION LINE	———	———
LOT BOUNDARY	———	———
EASEMENT	———	———
SETBACK	———	———
EDGE OF ASPHALT	———	———
CURB	———	———
CURB FLOWLINE	———	———
1/2 FT CONTOUR	- - - - - 5282	- - - - - 5282
5/10 FT CONTOUR	- - - - - 5280	- - - - - 5280
EDGE OF GRAVEL	———	———
CENTER LINE OF DITCH	———	———
WATER MAIN	———	———
CURB STOP, GV, FH	———	———
SIGN	———	———
LIGHT POLE	———	———
SEWER MAIN	———	———
MANHOLE AND CLEANOUTS	———	———
ELECTRICAL - UNDERGROUND	———	———
ELECTRICAL - OVERHEAD	———	———
ELECTRICAL - OVERHEAD - HIGH VOLTAGE	———	———
ELECTRICAL-PRIMARY	———	———
FIBER OPTIC	———	———
TELEPHONE	———	———
UNDERGROUND UTILITY PEDESTALS	———	———
POWER POLE/ LIGHT POLE	———	———
GAS	———	———
FENCE	———	———
WOODEN FENCE	———	———
PROPOSED EDGE OF CONCRETE	———	———
DECK	———	———
PROPOSED BUILDING	———	———
OVERHANG	———	———
SIDEWALK/ BOARDWALK	———	———
BASE FLOOD CROSS SECTION	———	———
FEMA SFHA BOUNDARY	———	———
WALL	———	———
VEGETATION OUTLINE	———	———
PROPERTY CORNERS	———	———
STORM INLET	———	———
CULVERT	———	———
ASPHALT	———	———
CONCRETE	———	———
GRAVEL/SOFT SURFACE	———	———
ROCK/RIP RAP	———	———
VEGETATION	———	———



**GENERAL NOTES:**

- BENCHMARK = FOUND ALUMINUM CAP ON #5 REBAR IN THE SOUTHEAST PROPERTY CORNER. ELEVATION = 6968.59 (SEE EXISTING CONDITIONS PLAN).
- EXISTING CONDITIONS SURVEYED BY FOUR POINTS SURVEYING & ENGINEERING. TOPOGRAPHY GENERATED FROM A COMBINATION OF FIELD SURVEY DATA AND 2018 ROUTT COUNTY GIS LIDAR DATA.
- CITY OF STEAMBOAT SPRINGS REVIEW AND APPROVAL IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF STEAMBOAT SPRINGS ENGINEERING AND CDC DESIGN CRITERIA AND CODE. THE CITY IS NOT RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF THE DRAWINGS. DESIGN, DIMENSIONS, AND ELEVATIONS SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE.
- ONE COPY OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS SHALL BE KEPT ON THE JOB SITE AT ALL TIMES. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR TO VERIFY WITH PROJECT ENGINEER THE LATEST REVISION DATE OF THE APPROVED CONSTRUCTION PLANS.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CALL THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 1-800-922-1987 AND ANY NECESSARY PRIVATE UTILITY TO PERFORM LOCATES PRIOR TO CONDUCTING ANY SITE WORK.
- ALL INFRASTRUCTURE CONSTRUCTION AND RELATED WORK SHALL CONFORM TO THE CITY OF STEAMBOAT SPRINGS STANDARD SPECIFICATIONS, LATEST REVISION.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS REQUIRED TO PERFORM THE WORK SUCH AS RIGHT-OF-WAY PERMIT, GRADING AND EXCAVATION PERMIT, CONSTRUCTION DEWATERING PERMIT, STORM WATER QUALITY PERMIT, ARMY CORP OF ENGINEER PERMIT, ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF ALL APPLICABLE CODES, LICENSES, SPECIFICATIONS, AND STANDARDS NECESSARY TO PERFORM THE WORK, AND BE FAMILIAR WITH THEIR CONTENTS PRIOR TO COMMENCING ANY WORK.
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL COORDINATE A PRE-CONSTRUCTION MEETING ON SITE WITH THE PROJECT CIVIL ENGINEER.
- EXISTING ASPHALT PAVEMENT SHALL BE STRAIGHT SAW CUT WHEN ADJOINING WITH NEW ASPHALT PAVEMENT OR WHEN ACCESS TO UNDERGROUND UTILITIES IS REQUIRED. TACK COAT SHALL BE APPLIED TO ALL EXPOSED SURFACES INCLUDING SAW CUTS, POTHOLES, TRENCHES, AND ASPHALT OVERLAY.

**GRADING:**

- GRADING SHALL OCCUR WITHIN THE PROPERTY LIMITS. WHERE OFF-SITE WORK IS APPROVED, WRITTEN PERMISSION OF THE ADJACENT PROPERTY OWNER MUST BE OBTAINED PRIOR TO ANY OFF-SITE GRADING OR CONSTRUCTION.
- VEGETATED SLOPES 2:1 AND GREATER REQUIRE SOIL STABILIZATION WITH STRAW BLANKET AT MINIMUM UPON FINAL GRADING AND SEEDING/REVEGETATION.
- ALL FINISHED GRADES OF THE EXTENDED DETENTION BASIN NOT RECEIVING A ROCK FINISH SHALL BE RE-VEGETATED WITHIN ONE CONSTRUCTION SEASON.

**EROSION CONTROL:**

- CONTRACTOR SHALL WORK IN A MANNER THAT MINIMIZES THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION INTO BURGESS CREEK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING, INSPECTING, AND MAINTAINING ALL NECESSARY EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION AND REMOVING EROSION CONTROL WHEN PROJECT IS COMPLETE AND VEGETATION IS ESTABLISHED.
- ANY AREA DISTURBED BY CONSTRUCTION AND NOT PAVED OR NATURAL ROCK SURFACE SHALL BE REVEGETATED WITHIN ONE CONSTRUCTION SEASON.

**UTILITY NOTES:**

- EXISTING UTILITY LOCATIONS WERE OBTAINED FROM FIELD LOCATES AND FIELD SURVEYING AND HAVE NOT BEEN VERIFIED WITH ANY ADDITIONAL UNDERGROUND POT-HOLING. POT-HOLING AND VERIFICATION OF LINE LOCATIONS SHALL BE REQUIRED AT ALL EXISTING UTILITY CROSSINGS.

**DRAINAGE PLAN LEGEND**

- 2' CONTOUR
- 10' CONTOUR
- - - - - DRAINAGE BASIN BOUNDARY
- FLOW PATH, SHEET FLOW/OVERLAND FLOW
- FLOW PATH, CONCENTRATED
- DITCH/SWALE CENTERLINE
- 1 DESIGN POINT DESIGNATION
- A: BASIN DESIGNATION
- B: BASIN AREA (ACRES)
- C: % IMPERVIOUS

**DESIGN POINTS:**

- SB1 OUTFALLS INTO BURGESS CREEK VIA CONCRETE VALLEY PAN OVER THE PAVED ACCESS DRIVE.

**DRAINAGE PLAN LEGEND**

- 2' CONTOUR
- 10' CONTOUR
- - - DRAINAGE BASIN BOUNDARY
- FLOW PATH, SHEET FLOW/OVERLAND FLOW
- FLOW PATH, CONCENTRATED
- CREEK/DITCH/SWALE CENTERLINE
- △ DESIGN POINT DESIGNATION
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**DESIGN POINTS:**

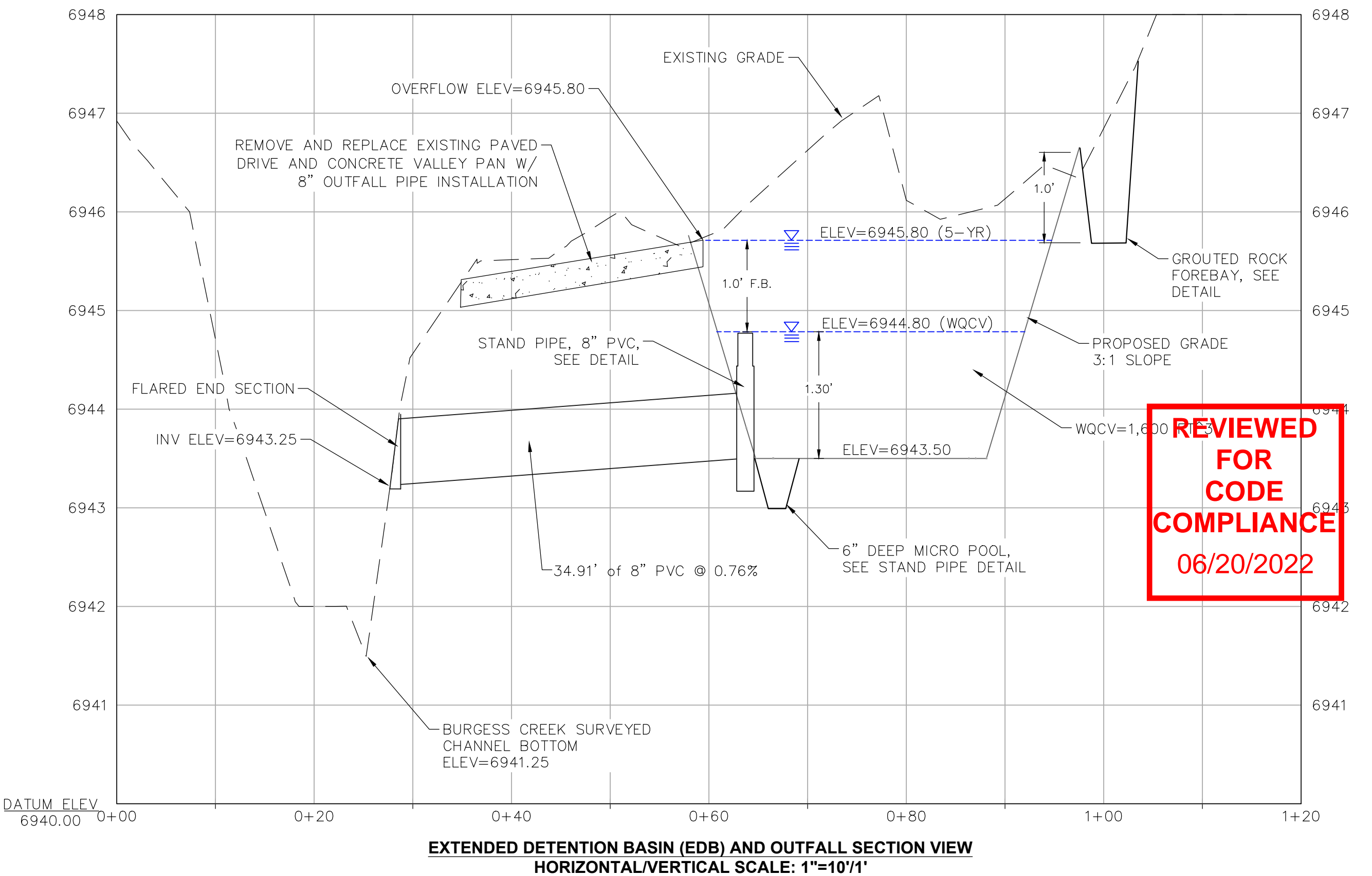
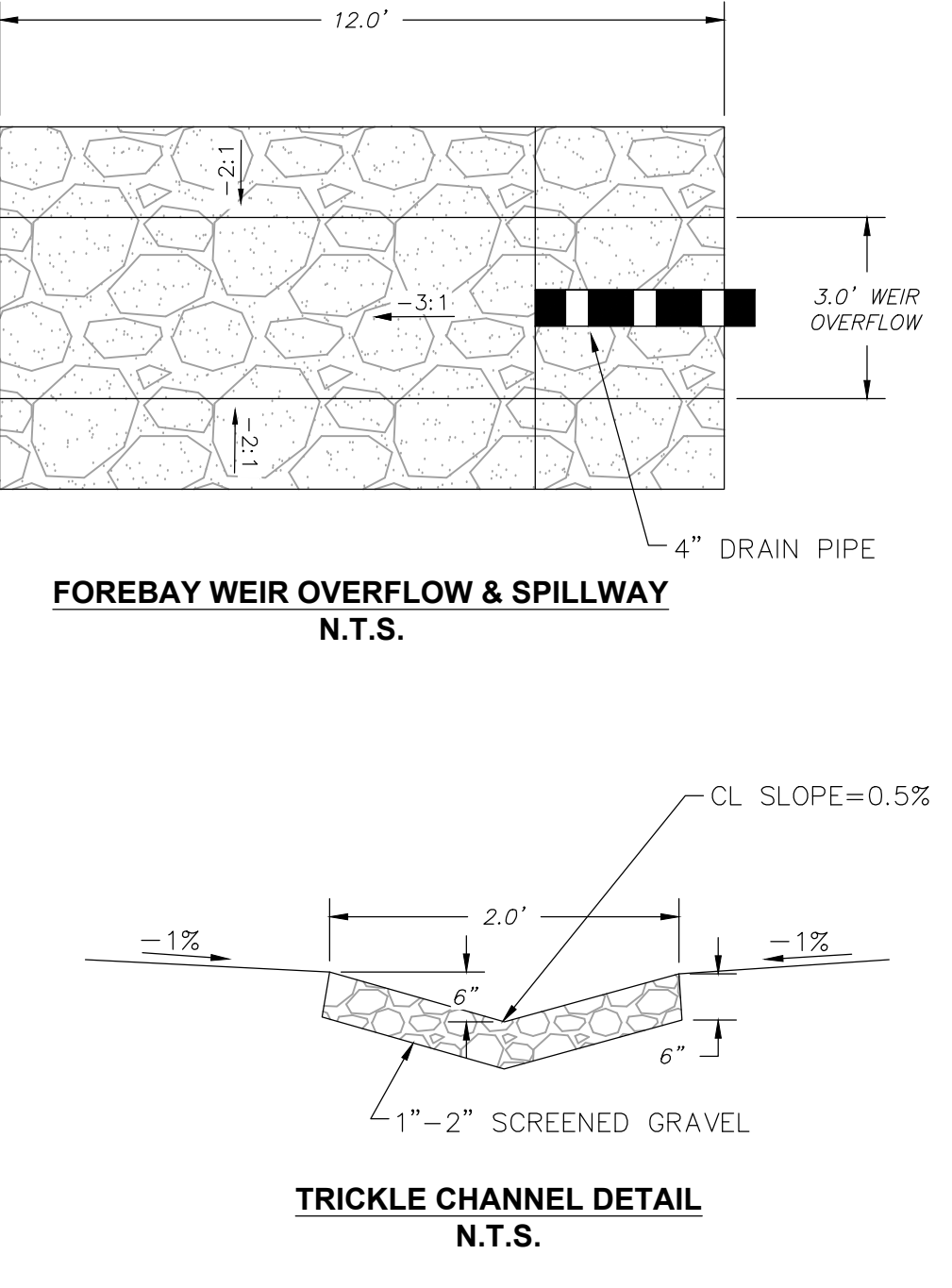
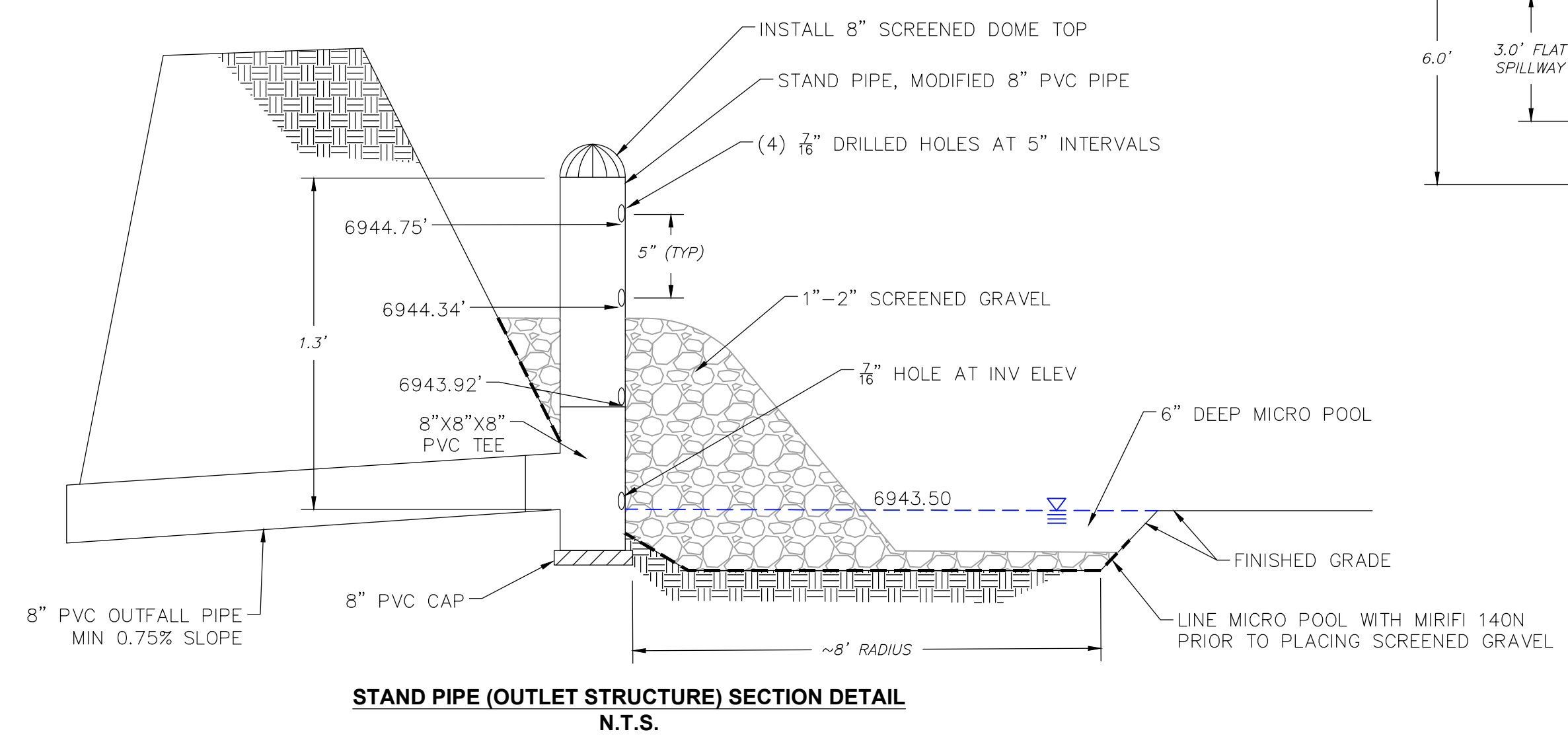
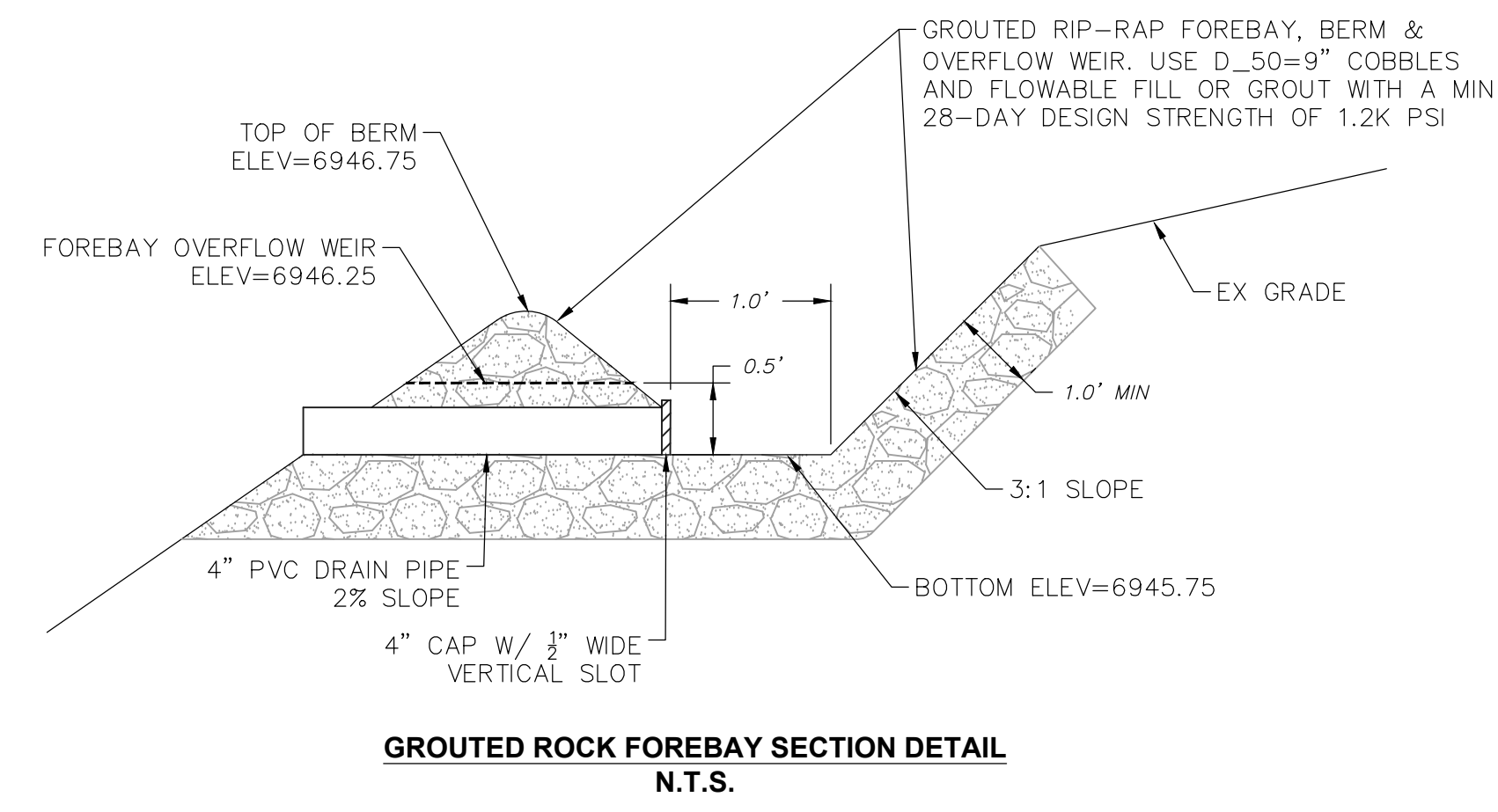
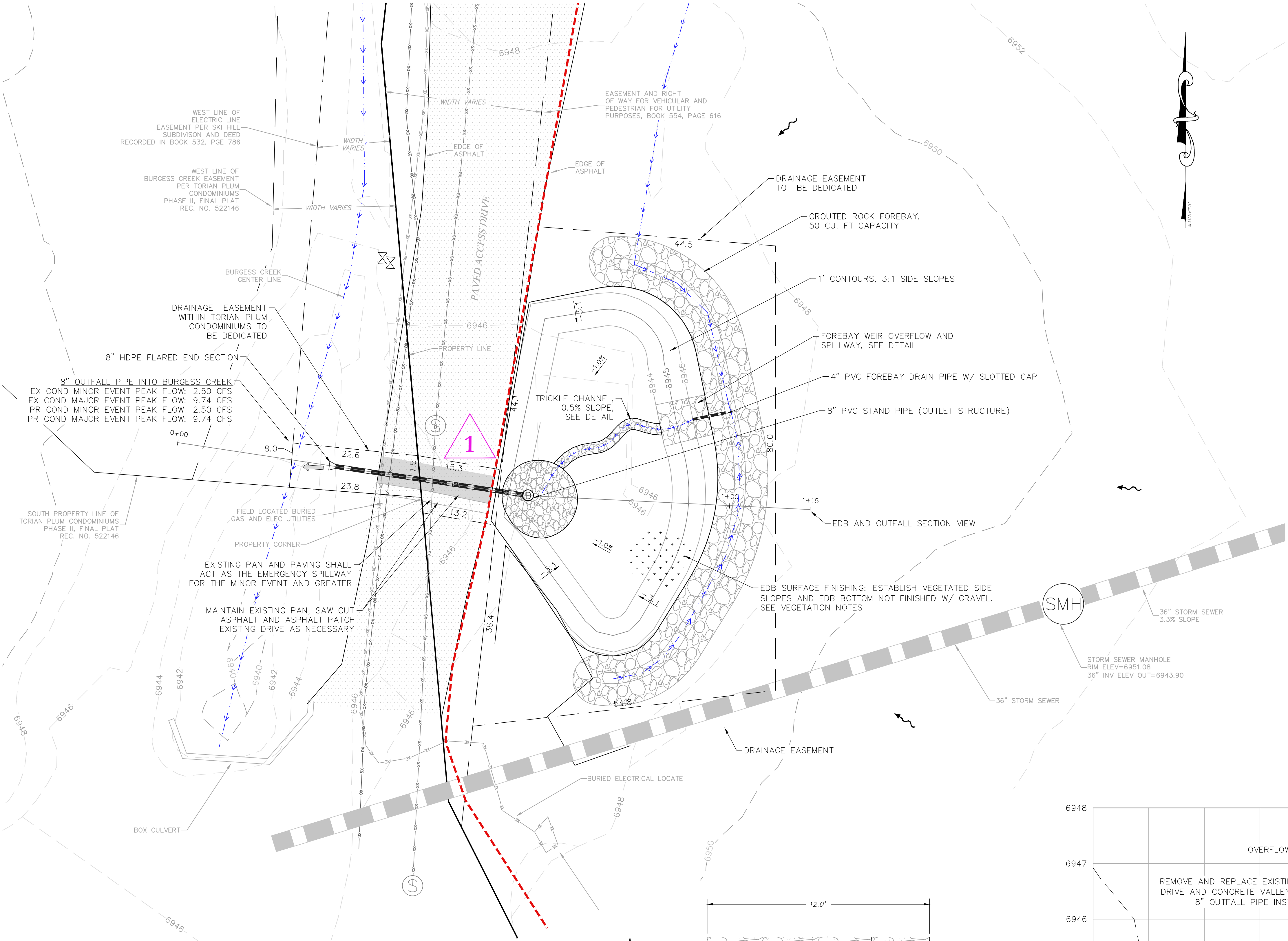
- EXTENDED DETENTION BASIN AND SB1 OUTFALL INTO BURGESS CREEK.

**Basin Runoff Summary Table**

Basin Condition	Area (acres)	Impervious Area (%)	Runoff		
			Q <sub>1.25</sub> (cfs)	Q <sub>2</sub> (cfs)	Q <sub>100</sub> (cfs)
SB1	2.75	34%	0.89	2.50	9.74

**VEGETATION NOTES:**

- FINISH ALL SIDE SLOPES AND THE EDB BOTTOM (AREAS NOT FINISHED WITH GRAVEL) WITH 4" OF SANDY LOAM SOIL, GRASS SEED, AND STRAW BLANKET SECURED WITH STAPLES.
- XERIC TYPE, DROUGHT TOLERANT GRASSES SHOULD BE PLANTED FOR REDUCED MAINTENANCE REQUIREMENTS. APPLY GRASS SEED AT SUPPLIERS SUGGESTED RATE.
- FINISHED SURFACES SHOULD BE TEMPORARILY IRRIGATED TO ESTABLISH GROWTH.



NO.	DATE	REVISIONS

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**1965 SKI TIME SQUARE DR**  
**STEAMBOAT SPRINGS, CO 80487**

**Horizontal Scale**  
 SCALE: 1" = 10'  
**Contour Interval = 2 ft**  
 DATE: 5/20/2022  
 JOB #: 1876-001  
 DRAWN BY: JLW  
 DESIGN BY: JLW  
 REVIEW BY: RL

**DRAWING:**  
**PROPOSED CONDITIONS DRAINAGE AND EDB DESIGN**  
**SHEET #**  
**C2**