

# CANYON RIM ELBOW PARKING EXPANSION SNOWBASIN RESORT COMPANY

3925 SNOW BASIN RD, HUNTSVILLE, UT 84317

## SHEET INDEX:

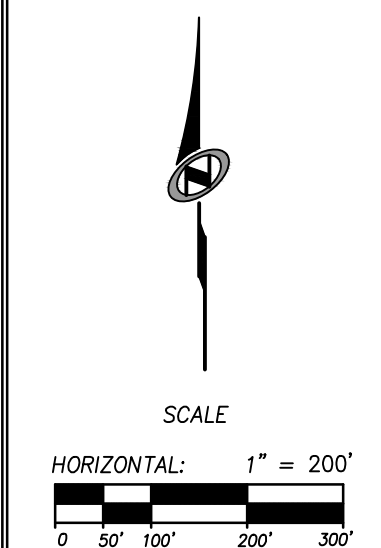
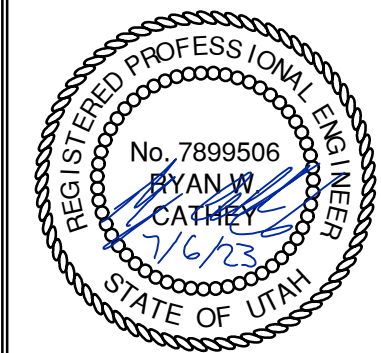
SHEET NO.	SHEET DESCRIPTION
C000	COVER SHEET
C001	GENERAL NOTES
C100	DEMOLITION PLAN
C200	SITE & UTILITY PLAN
C300	GRADING PLAN
C600	EROSION CONTROL PLAN
C700	DETAILS



SNOWBASIN RESORT  
CANYON RIM ELBOW PARKING EXPANSION  
COVER SHEET

DATE: 07.06.2023

TCC JOB NUMBER: 19-300-09



SHEET NUMBER  
**C000**  
1 OF 7




























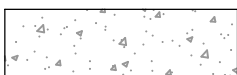

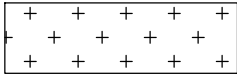


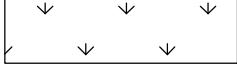





GENERAL NOTES CONT.

24. CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED, AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
25. WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL, AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
26. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PROJECT PLANS AND SPECIFICATIONS. THEREFORE, THE OWNER IS RELYING UPON THE EXPERIENCE AND EXPERTISE OF THE CONTRACTOR. PRICES PROVIDED WITHIN THE CONTRACT DOCUMENTS SHALL BE BASED ON LABOR AND MATERIAL NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THE TRUE INTENT AND PURPOSE OF THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE COMPETENT, KNOWLEDGEABLE AND HAVE SPECIAL SKILLS IN THE NATURE, EXTENT AND INHERENT CONDITIONS OF THE WORK TO BE PERFORMED. CONTRACTOR SHALL ALSO ACKNOWLEDGE THAT THERE ARE CERTAIN PECULIAR AND INHERENT CONDITIONS EXISTENT IN THE CONSTRUCTION OF THE PARTICULAR FACILITIES WHICH MAY CREATE, DURING THE CONSTRUCTION PROGRAM, UNUSUAL OR UNSAFE CONDITIONS HAZARDOUS TO PERSONS, PROPERTY AND THE ENVIRONMENT. CONTRACTOR SHALL BE AWARE OF SUCH PECULIAR RISKS AND HAVE THE SKILL AND EXPERIENCE TO FORESEE AND ADD TO PROTECTIVE MEASURES TO ADEQUATELY AND SAFELY PERFORM THE CONSTRUCTION WITH RESPECT TO SUCH HAZARDOUS CONDITIONS.
27. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL STRIPING AND/OR PAVEMENT MARKINGS NECESSARY TO THE EXISTING STRIPING INTO FUTURE STRIPING. METHOD OF REMOVAL SHALL BE BY GRINDING OR SANDBLASTING.
28. CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKERS FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 4' OR MORE. FOR EXCAVATIONS 4 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH INDUSTRIAL COMMISSION OF UTAH SAFETY ORDERS SECTION 68 – EXCAVATIONS, AND SECTION 69 – TRENCHES, ALONG WITH ANY LOCAL CODES OR ORDINANCES.
29. ALL EXISTING GATES AND FENCES TO REMAIN UNLESS OTHERWISE NOTED ON PLANS. PROTECT ALL GATES AND FENCES FROM DAMAGE.
30. UNCLASSIFIED EXCAVATION SHALL BE PROPERLY DISPOSED OF PER GOVERNMENT REGULATIONS.
31. THE IMPROVEMENTS SHOULD BE CONSTRUCTED BASED ON SURVEY OF EXISTING CONDITION USED AS BASIS OF DESIGN. CONTRACTOR TO ENSURE STANDARD RFI PROCESS IF THEY DISCOVER A DISCREPANCY IN THE ACTUAL CONDITION OR NOT AS SURVEYED.

1. EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING A COMBINATION OF ON-SITE SURVEYS. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY BLUE STAKES AT 1-800-662-4111 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK. THE CONTRACTOR SHALL RECORD THE BLUE STAKES ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER AND ENGINEER PRIOR TO ANY EXCAVATION. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DIRECTLY CONTACT ANY OTHER UTILITY COMPANIES THAT ARE NOT MEMBERS OF BLUE STAKES. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES AND TO OBTAIN THE NAME RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT.
2. CONTRACTOR SHALL POT HOLE ALL UTILITIES TO DETERMINE IF CONFLICTS EXIST PRIOR TO BEGINNING ANY EXCAVATION. NOTIFY ENGINEER OF ANY CONFLICTS. CONTRACTOR SHALL VERIFY LOCATION AND INVERTS OF EXISTING UTILITIES TO WHICH NEW UTILITIES WILL BE CONNECTED. PRIOR TO COMMENCING ANY EXCAVATION WORK THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ADVANCE OF ANY EXCAVATION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT THEIR EXPENSE.
4. ALL VALVES AND MANHOLE COVERS IN THE IMPROVEMENT AREA SHALL BE RAISED OR LOWERED TO MEET FINISHED GRADE.
5. CONTRACTOR SHALL CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX OR MANHOLE.
6. CONTRACTOR SHALL GROUT AT CONNECTION OF PIPE TO BOX WITH NON-SHRINKING GROUT, INCLUDING PIPE VOIDS LEFT BY CUTTING PROCESS, TO A SMOOTH FINISH.
7. CONTRACTOR SHALL GROUT WITH NON-SHRINK GROUT BETWEEN GRADE RINGS AND BETWEEN BOTTOM OF INLET LID FRAME AND TOP OF CONCRETE BOX. SILT AND DEBRIS IS TO BE CLEANED OUT OF ALL STORM DRAIN BOXES. CATCH BASINS ARE TO BE MAINTAINED IN A CLEANED CONDITION AS NEEDED UNTIL AFTER THE FINAL BOND RELEASE INSPECTION.
9. CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES TO ALLOW ACCESS.
10. EACH TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND GRADE AS REQUIRED. THE TRENCH WALL SHALL BE SO BRACED THAT THE WORKERS MAY WORK SAFELY AND EFFICIENTLY. ALL TRENCHES SHALL BE DRAINED SO THE PIPE LAYING MAY TAKE PLACE IN DEWATERED CONDITIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE COST OF DEWATERING AND NO COST CHANGE WILL BE PROVIDED.
11. CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.
12. MAINTAIN A MINIMUM 18" VERTICAL SEPARATION DISTANCE BETWEEN ALL UTILITY CROSSINGS.
13. CONTRACTOR SHALL START INSTALLATION AT LOW POINT OF ALL NEW GRAVITY UTILITY LINES.
14. ALL BOLTED FITTINGS MUST BE GREASED AND WRAPPED.
15. UNLESS SPECIFICALLY NOTED OTHERWISE, MAINTAIN AT LEAST 2 FEET OF COVER OVER ALL STORM DRAIN LINES AT ALL TIMES (INCLUDING DURING CONSTRUCTION).
16. ALL WATER LINES SHALL BE INSTALLED A MINIMUM OF 7' OF COVER TO TOP OF PIPE BELOW FINISHED GRADE.
17. ALL SEWER LINES AND SEWER SERVICES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF 10 FEET, PIPE EDGE TO PIPE EDGE, FROM THE WATER LINES.
18. CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES.
19. ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET PAVING.
20. CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL WATER LINES.
21. UNDER NO CIRCUMSTANCE SHALL THE PIPE OR ACCESSORIES BE DROPPED INTO THE TRENCH.
22. ALL IRRIGATION SYSTEMS ARE TO REMAIN FUNCTIONAL DURING CONSTRUCTION. CAP BROKEN LINES UNTIL REPAIR, SO THAT SYSTEM IS FUNCTIONAL.

	LIMITS OF DISTURBANCE	
	EXISTING FENCE	
	EXISTING WATER VALVE	
	EXISTING WATER METER	
	EXISTING FIRE HYDRANT	
	EXISTING ELECTRICAL BOX	
	EXISTING LIGHT POLE	
	EXISTING TELECOMMUNICATIONS VAULT	
	MISCELLANEOUS MANHOLE	
	EXISTING SANITARY SEWER MANHOLE	
	EXISTING GAS METER	
	EXISTING STORM DRAIN DROP INLET	
	EXISTING SEWER PIPE	
	EXISTING STORM DRAIN PIPE	
	PROPERTY LINE	
	EXISTING POWER POLE	
	EXISTING GUY WIRE	
	EXISTING SIGN	
	EXISTING MAIL BOX	
	EXISTING TREE	
	EXISTING TREE TO BE REMOVED	
	PROPOSED OBJECT MARKERS SIGN	
	PROPOSED CATCH BASIN	
	PROPOSED STORM DRAIN LINE	
	PROPOSED FENCE	
	ROAD CENTERLINE	
	UTILITY DEMO	
		      

APWA	AMERICAN PUBLIC WORKS ASSOCIATION	FL	FLOWLINE	PR	PROPOSED
AC	ASPHALTIC CONCRETE	FT	FEET	PRC	POINT OF REVERSE CURVE
&	AND	HP	IGH POINT	PRV	PRESSURE REDUCING VALVE
APPR.	APPROXIMATELY	HORIZ	HORIZONTAL	PSI	POUNDS PER SQUARE INCH
ARV	AIR RELEASE VALVE	HT	HIGH TEMPERATURE	PT	POINT OF TANGENT
AT	AT	HTW	HIGH TEMPERATURE WATER	PTC	POLYETHYLENE CHLORIDE
BDRY	BOUNDARY	HV	HIGH VOLTAGE	PUE	PUBLIC UTILITY EASEMENT
BG	FINISH GRADE AT BUILDING	HYD	HYDRANT	PVT	POINT OF VERTICAL TANGENT
BVC	BEGIN VERTICAL CURVE	ID	INSIDE DIAMETER	PVI	POINT OF VERTICAL INTERSECTION
BRG	BEARING	IE	INVERT ELEVATION	R	RADIUS
BW	BOTTOM OF WALL	IRR	IRRIGATION	RCP	REINFORCED CONCRETE PIPE
CAV	COMBINATION AIR VALVE	L	LENGTH	REF	REFERENCE
CB	CATCH BASIN	LF	LINEAR FEET	ROW	RIGHT-OF-WAY
CL OR	CENTERLINE	LP	LOW POINT	SS	SANITARY SEWER
CMP	CORRUGATED METAL PIPE	MAX	MAXIMUM	SD	STORM DRAIN
COB	CLEANOUT BOX	MH	MANHOLE	SC	SCHEDULE
CONC	CONCRETE	MIN	MINIMUM	SCH	SQUARE FEET
DET	DETAIL	MJ	MECHANICAL JOINT	STA	STATION
DIA	DIAMETER	N	NORTH	STD	STANDARD
DIP	DUCTILE IRON PIPE	NIC	NOT IN CONTRACT	SW	SIDEWALK
DIST	DISTRICT	NTS	NOT TO SCALE	TA	TOP OF ASPHALT
DWG	DRAWING	OAE	OR APPROVED EQUAL	TBC	TOP BACK OF CURB
EA	EACH	OC	ON CENTER	TC	TOP OF CURB
EG	EXISTING GRADE	OH	OVERHEAD	TEMP	TEMPORARY
EP	EDGE OF PAVEMENT	P	POWER	TG	TOP OF GRATE
ELEV	ELEVATION	PC	POINT OF CURVATURE	TW	TOP OF WALL
ESMT	EASEMENT	PI	POINT OF INTERSECTION	TY	TYPICAL
EXIST	EXISTING	PL	PROPERTY LINE	VAR	VARIES
FF	FINISH FLOOR	POC	POINT OF CURVE	W	WATER
FG	FINISH GRADE	PP	POWER POLE	W/	WITH
FH	FIRE HYDRANT				

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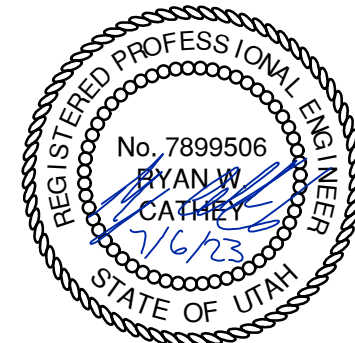
DATE: 07.06.2023

# SNOWBASIN RESORT

## CANYON RIM ELBOW PARKING EXPANSION

### GENERAL NOTES

TCC JOB NUMBER: 19-300-09

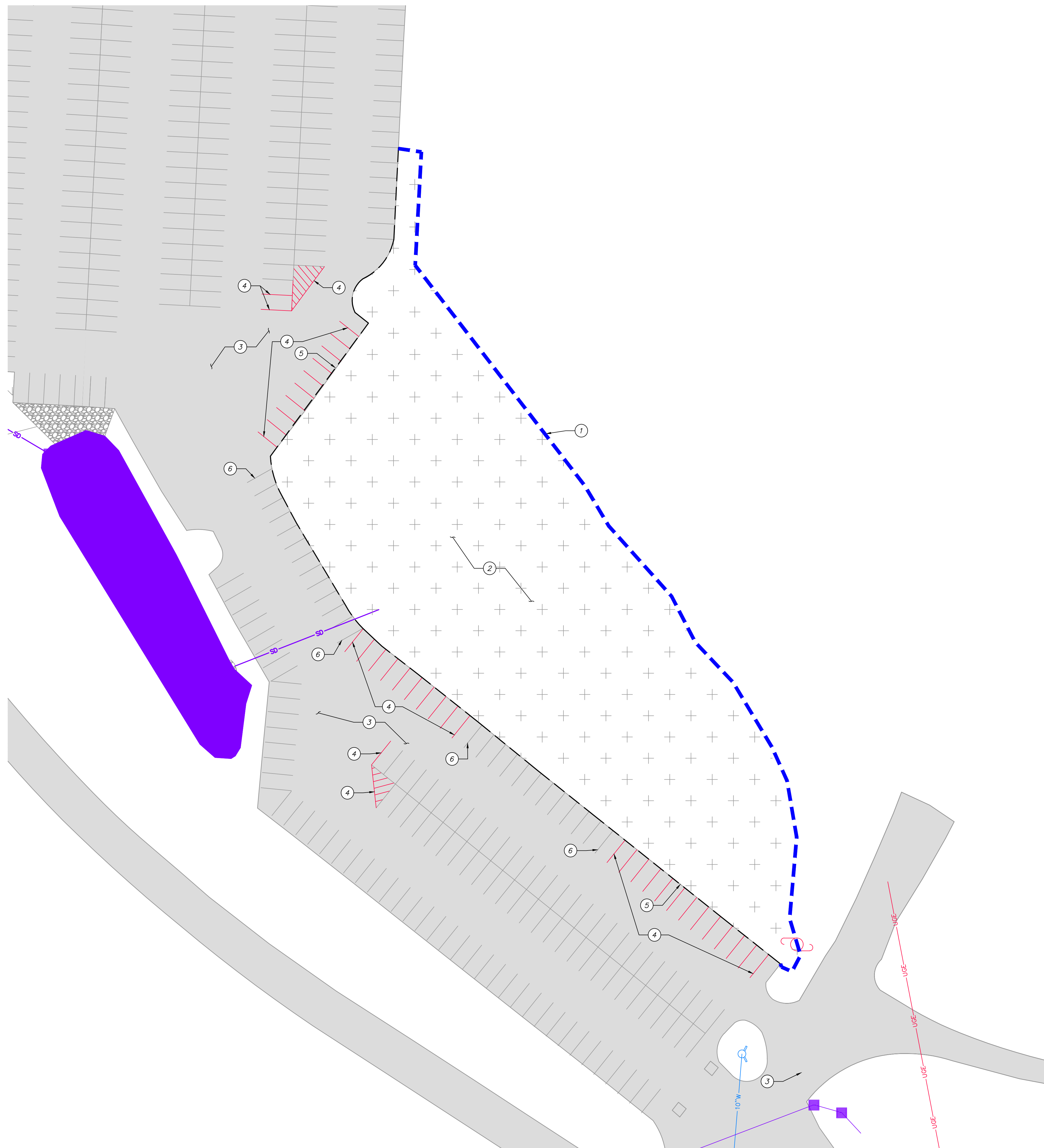


SHEET NUMBER

**C001**

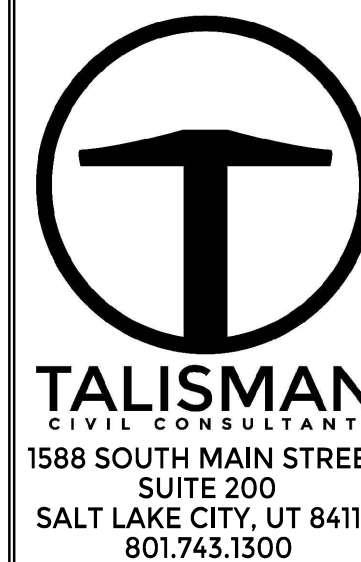






THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING AND PROTECTING FROM DAMAGE ALL EXISTING UTILITIES AND IMPROVEMENTS WHETHER OR NOT SHOWN ON THESE PLANS. THE FACILITIES AND IMPROVEMENTS ARE BELIEVED TO BE CORRECTLY SHOWN BUT THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE COMPLETENESS AND ACCURACY OF THE LOCATIONS. ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND SHALL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OR IMPROVEMENTS DURING THE COURSE OF THE OPERATIONS, WHETHER OR NOT SAID FACILITIES ARE SHOWN ON THESE PLANS.

- ① APPROXIMATE LIMITS-OF-DISTURBANCE.
- ② CLEAR AND GRUB.
- ③ PRESERVE AND PROTECT EXISTING ASPHALT PAVEMENT.
- ④ CONTRACTOR TO GRIND TO REMOVE EXISTING PAVEMENT MARKINGS.
- ⑤ SAWCUT TO PROVIDE A SMOOTH CLEAN EDGE FOR PROPOSED ASPHALT TIE IN.
- ⑥ PROTECT IN PLACE EXISTING PARKING PAVEMENT MARKINGS.

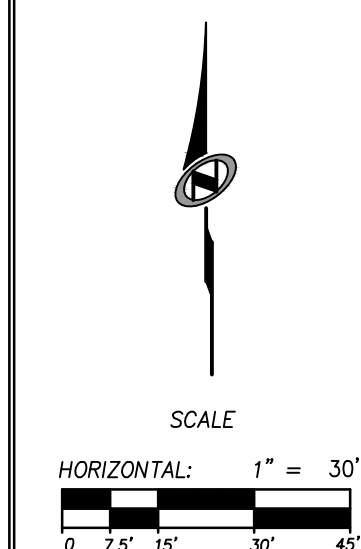
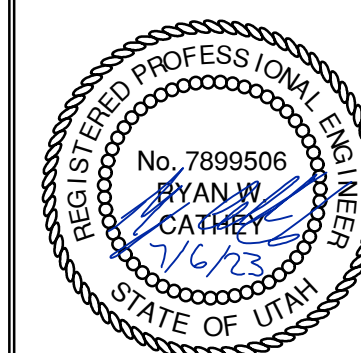
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# SNOWBASIN RESORT

## CANYON RIM ELBOW PARKING EXPANSION DEMOLITION PLAN

DATE: 07.06.2023

TCC JOB NUMBER: 19-300-09



SHEET NUMBER

# C100

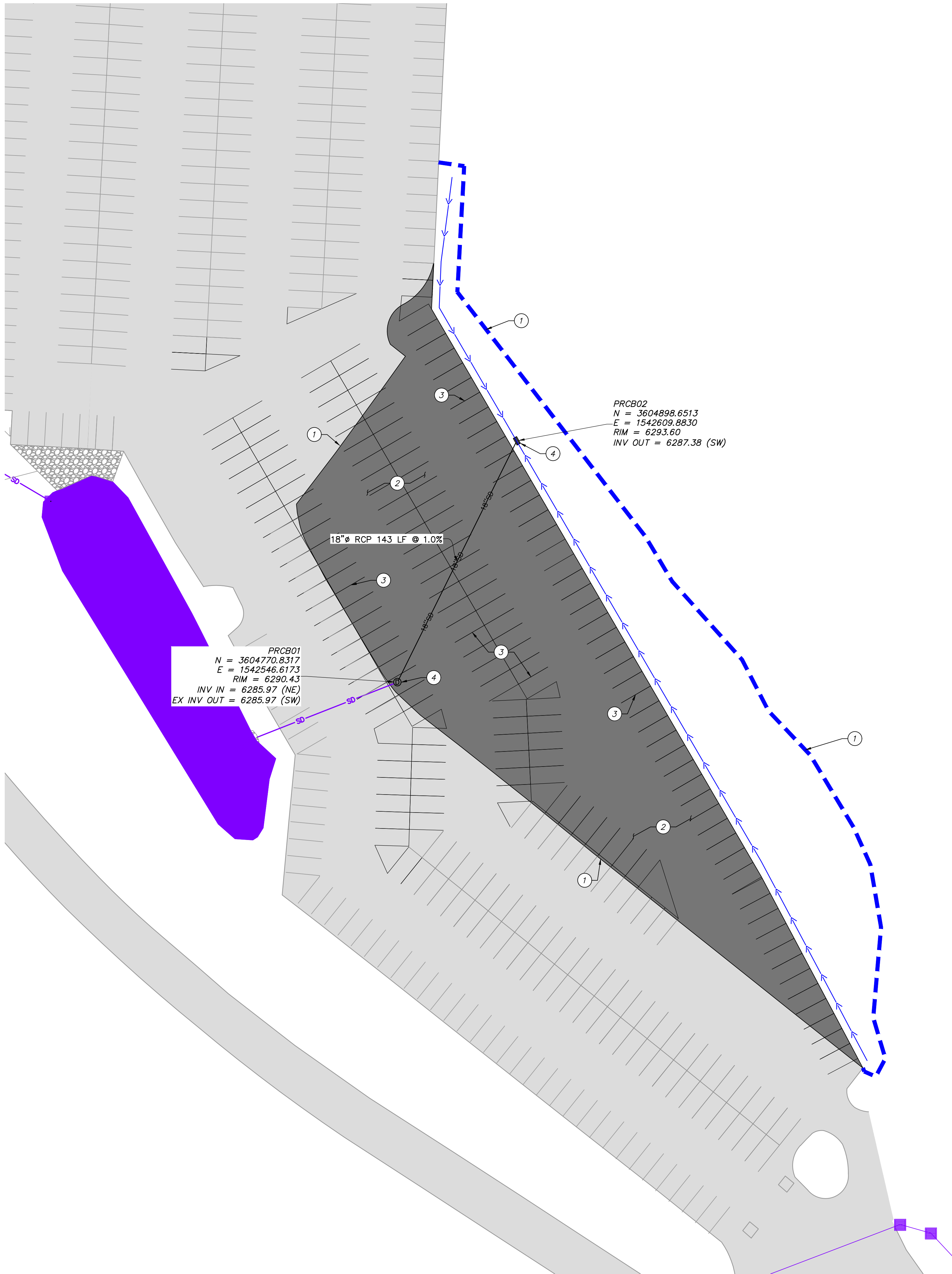
3 OF 7





DATE: 7/6/2023 2:39 PM

PATH: N:\19-300-Snowbasin\09-2023\_Parking\_Lots\Coord\IP\C200 SITE PLAN.dwg

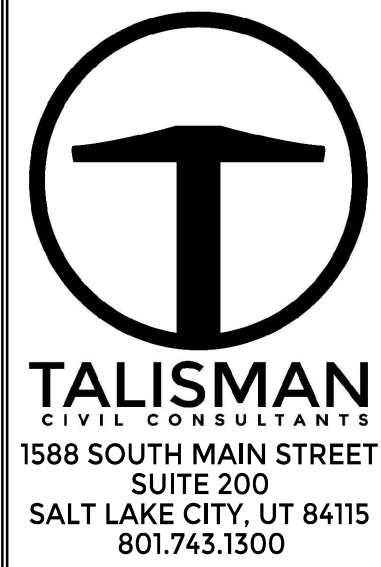


- SITE GENERAL NOTES:**
1. SEE GRADING DRAWINGS FOR ADDITIONAL DESIGN INFORMATION.
  2. ALL SIGNS AND MARKINGS SHALL CONFORM TO THE LATEST EDITION ON THE M.U.T.C.D.
  3. ALL SITE IMPROVEMENTS SHALL CONFORM TO THE PUBLIC WORKS STANDARDS OF WEBER COUNTY.

- SITE SCOPE OF WORK:**
- PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
- 1 LIMIT OF DISTURBANCE.
  - 2 INSTALL ASPHALT PAVEMENT, PER DETAIL A SEE SHEET C700.
  - 3 4" WIDE WHITE PARKING STALL STRIPE PER LATEST VERSION OF M.U.T.C.D.
  - 4 INSTALL 4'x4' CATCH BASIN WITH GRATE PER APWA DETAIL 315, SEE SHEET C700.

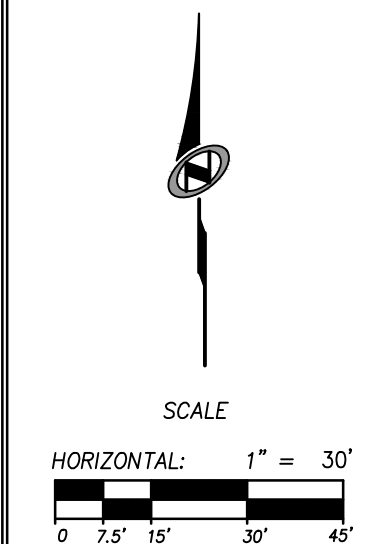
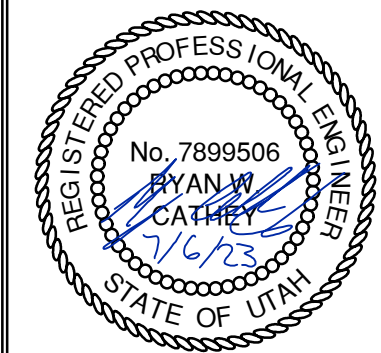
PARKING STALLS	
ADDED PARKING STALLS	124

IMPROVEMENT AREAS	
ASPHALT	34,906 SQ FT
SLOPE GRADING	17,136 SQ FT
TOTAL DISTURBANCE	52,042 SQ FT



**SNOWBASIN RESORT**  
**CANYON RIM ELBOW PARKING EXPANSION**  
**SITE & UTILITY PLAN**

TCC JOB NUMBER: 19-300-09 DATE: 07.06.2023

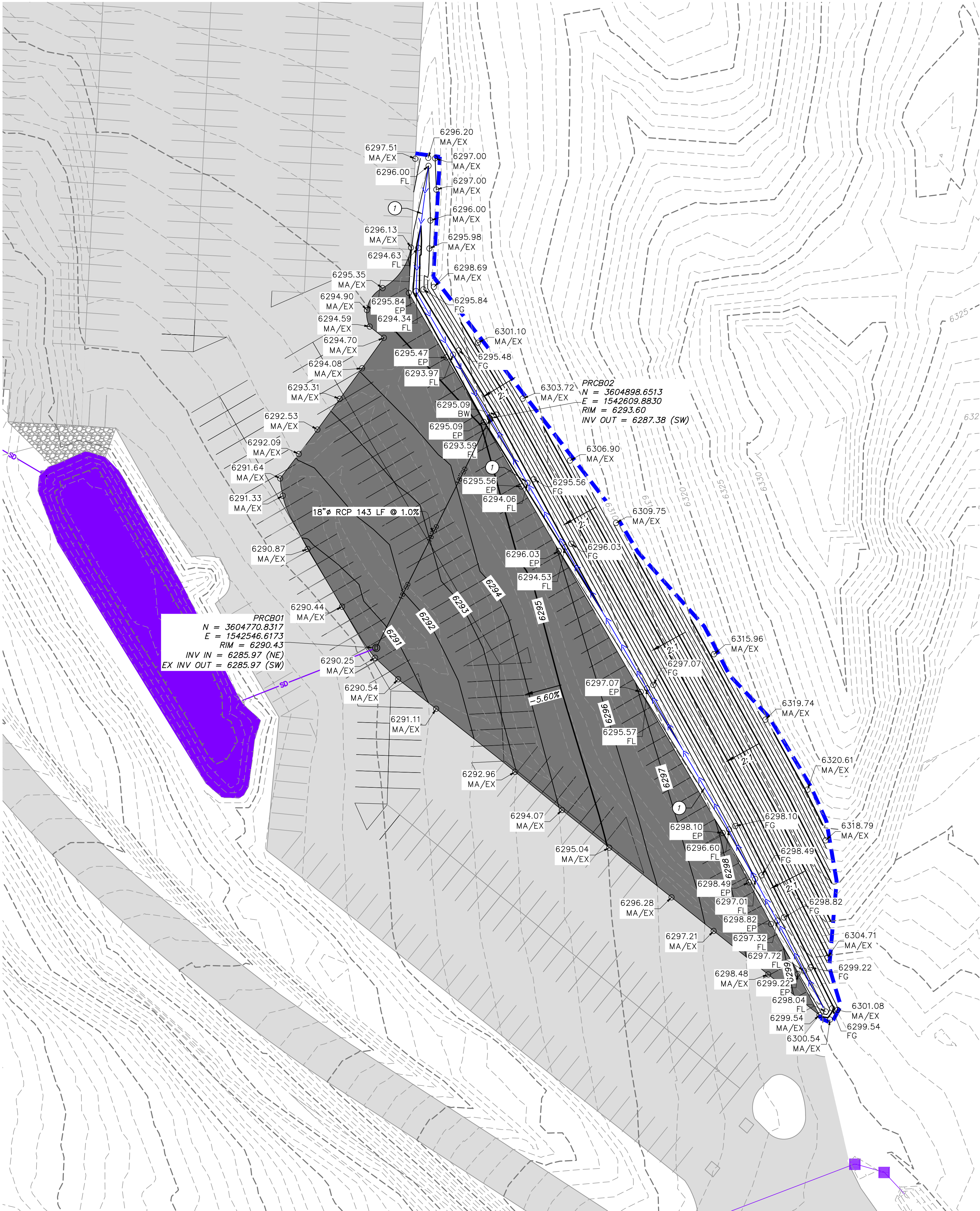


SHEET NUMBER  
**C200**  
4 OF 7



DATE: 7/6/2023 10:50 AM

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GRADING GENERAL NOTES:

1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING THEM WITH SUITABLE MATERIALS. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED REGISTERED GEOTECHNICAL ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING SOIL CONDITIONS.
3. THE CONTRACTOR IS TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL AND DUST SUPPRESSION FOR CONSTRUCTION OF THIS PROJECT.
4. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT.
5. LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY CONNECTION POINTS WITH EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN.
6. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES, DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
7. SEE DRAINAGE REPORT FOR STORM DRAIN CALCULATIONS.

SITE SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

1. INSTALL V DITCH PER DETAIL B, SEE SHEET C700.

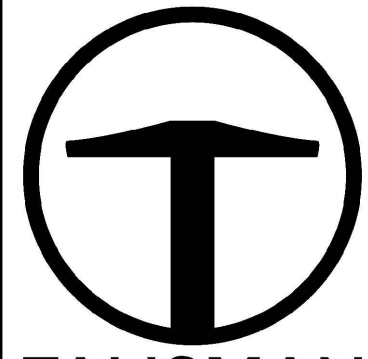
LEGEND:

- XXXX EXISTING ELEVATION CONTOURS
- XXXX PROPOSED ELEVATION CONTOURS
- GRADE BREAK
- DRAINAGE SWALE

ABBREVIATIONS:

- BW BOTTOM OF WALL
- EP EDGE OF PAVEMENT
- EX EXISTING
- FG FINISHED GRADE
- FL FLOW LINE
- MA MATCH
- TW TOP OF WALL

CUT/FILL VOLUMES			
PARKING LOT	CUT C.Y.	FILL C.Y.	NET C.Y.
CANYON RIM ELBOW	2,803 CUT	969 FILL	1,835 NET CUT

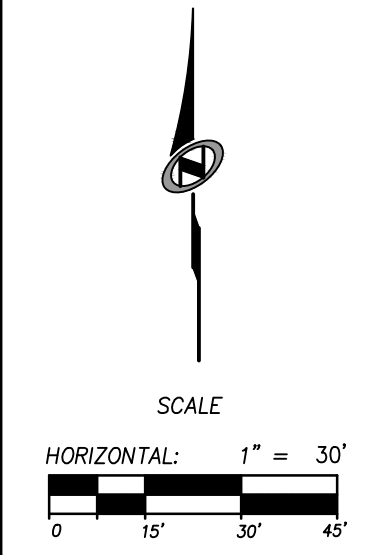
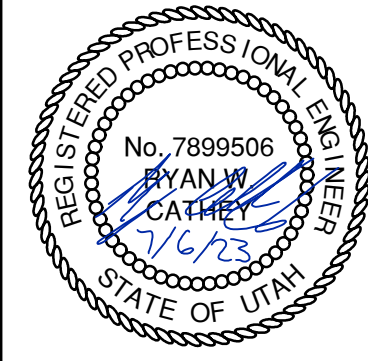


1588 SOUTH MAIN STREET  
SUITE 200  
SALT LAKE CITY, UT 84115  
801.743.1300

SNOWBASIN RESORT  
CANYON RIM ELBOW PARKING EXPANSION  
CANYON RIM ELBOW GRADING PLAN

DATE: 07.06.2023

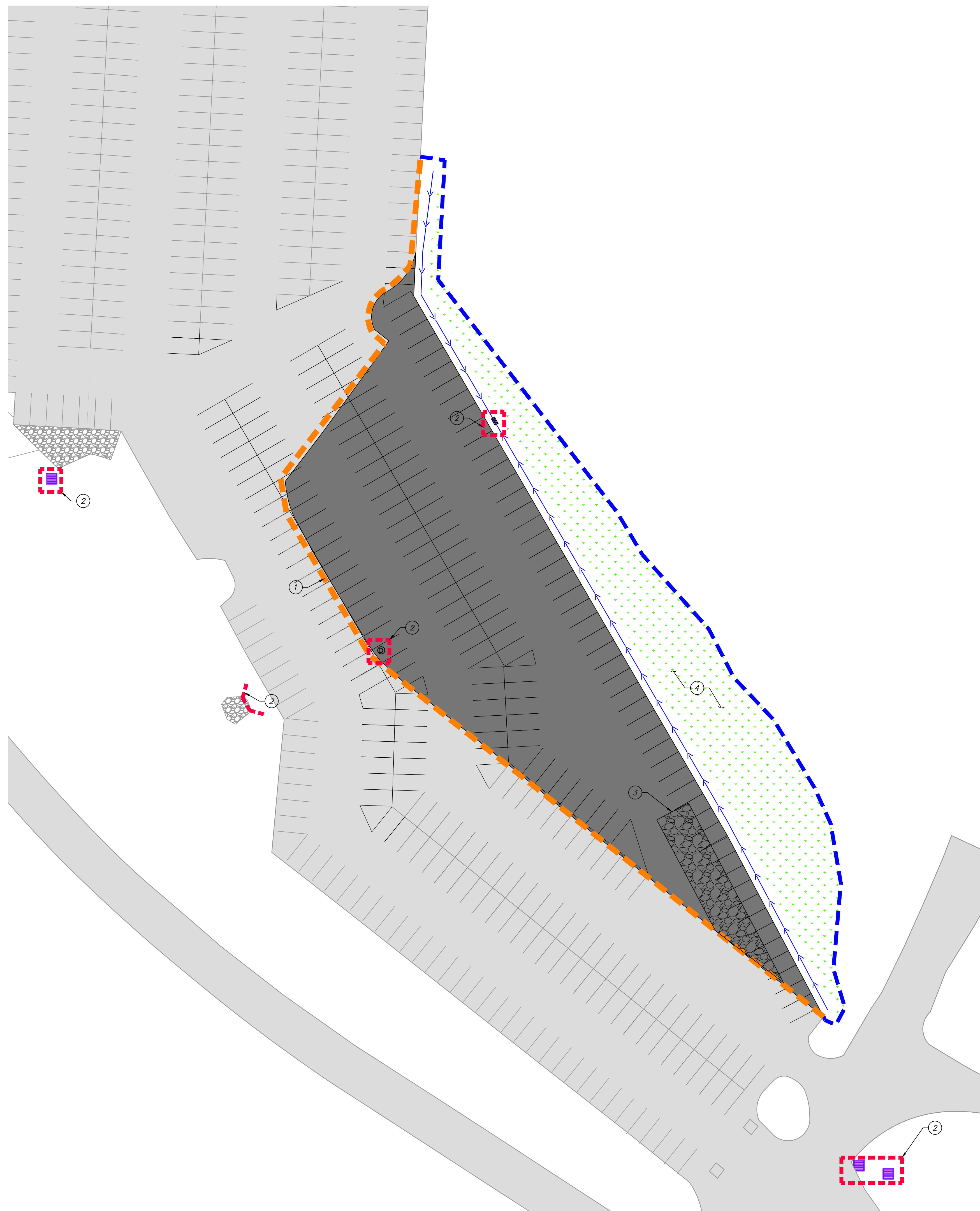
TCC JOB NUMBER: 19-300-09



SHEET NUMBER  
**C300**  
5 OF 7







1. THE CONTRACTOR TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. SPECIFIC DETAILS SHOWN ON 601 SHALL BE USED IN COMBINATION WITH OTHER ACCEPTED LOCAL PRACTICES.
2. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE UDOT EROSION CONTROL STANDARDS AND SPECIFICATIONS AND ALL WORK SHALL BE SUBJECT TO INSPECTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATION OF ALL EXISTING UTILITIES. IF CONFLICTS OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
4. THE CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL.
5. WHEN GRADING OPERATIONS ARE COMPLETED AND THE DISTURBED GROUND IS LEFT "OPEN" FOR 30 DAYS OR MORE, THE AREA SHALL BE FURROWED PARALLEL TO THE CONTOURS.
6. THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.
7. ALL BEST MANAGEMENT PRACTICES (BMP'S) SHOWN ON THIS PLAN MUST BE MAINTAINED AT ALL TIMES UNTIL A CERTIFICATE OF OCCUPANCY IS ISSUED.
8. ALL ACCESS TO PROPERTY WILL BE FROM PUBLIC RIGHT-OF-WAYS.

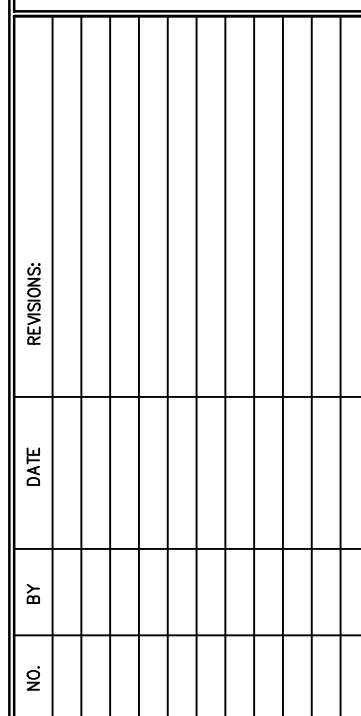
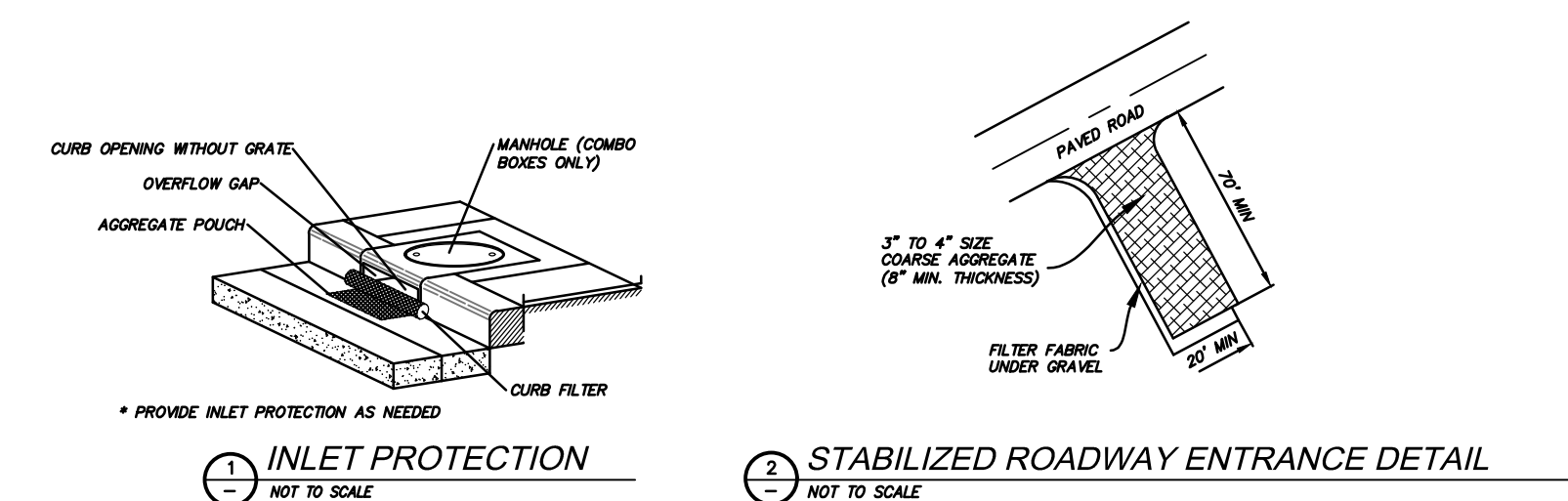
1. THE OWNER'S RESPONSIBILITY SHALL INCLUDE MAKING ROUTINE CHECKS ON ALL EROSION CONTROL MEASURES TO DETERMINE IF REPAIR OR SEDIMENT REMOVAL IS NECESSARY. CHECKS SHALL BE MADE BASED ON CONDITIONS THAT MAY ARISE IN THE FIELD OR ADDITIONAL CONTROL AS DEEMED NECESSARY.
2. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF BARRIER.
3. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF FIBER ROLL SHALL BE ACCOMPLISHED PROMPTLY.
4. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED FIBER ROLL, END RUNS, AND UNDERCUTTING BENEATH FIBER ROLL.
5. FIBER ROLL BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- ① INSTALL STRAW WADDLE PER APWA DETAIL 121, SHEET C700.
- ② INSTALL INLET PROTECTION AROUND EXISTING OR NEW STORM DRAIN CATCH BASINS OR INLETS, PER DETAIL 1, THIS SHEET.
- ③ INSTALL STABILIZED CONSTRUCTION ENTRANCE/TRACK OUT AREA PER DETAIL 2, THIS SHEET.
- ④ RESEED DISTURBED AREAS WITH NATIVE SEED MIX AND EROSION CONTROL BLANKET.

The diagram illustrates the components of a straw wattles installation for erosion control. It includes the following elements:

- STRAW WADDLE**: Represented by a horizontal line of orange dashes.
- LIMITS OF DISTURANCE**: Represented by a horizontal line of blue dashes.
- INLET PROTECTION**: Represented by a square frame of red dashes.
- STABILIZED CONSTRUCTION**: Represented by a square frame containing a pattern of black dots, resembling a cross-hatch or grid.
- AREA TO BE REVEGETATED**: Represented by a square frame containing green arrows pointing downwards, indicating the direction of water flow or the area to be revegetated.

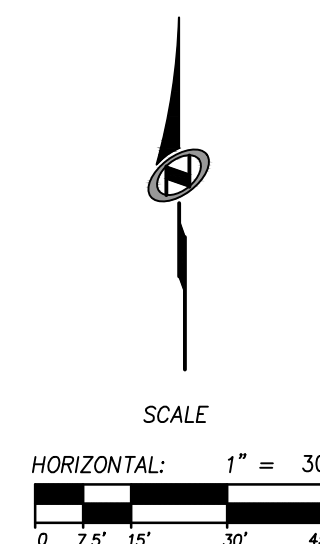
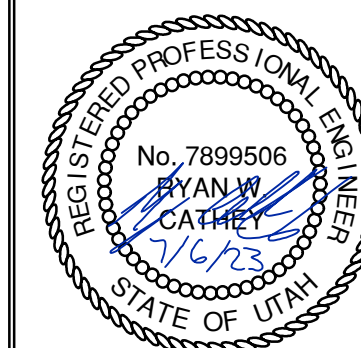


# SNOWBASIN RESORT

## CANYON RIM ELBOW PARKING EXPANSION EROSION CONTROL PLAN

DATE: 07.06.2023

TCC JOB NUMBER: 19-300-09



SHEET NUMBER  
**C600**  
6 OF 7



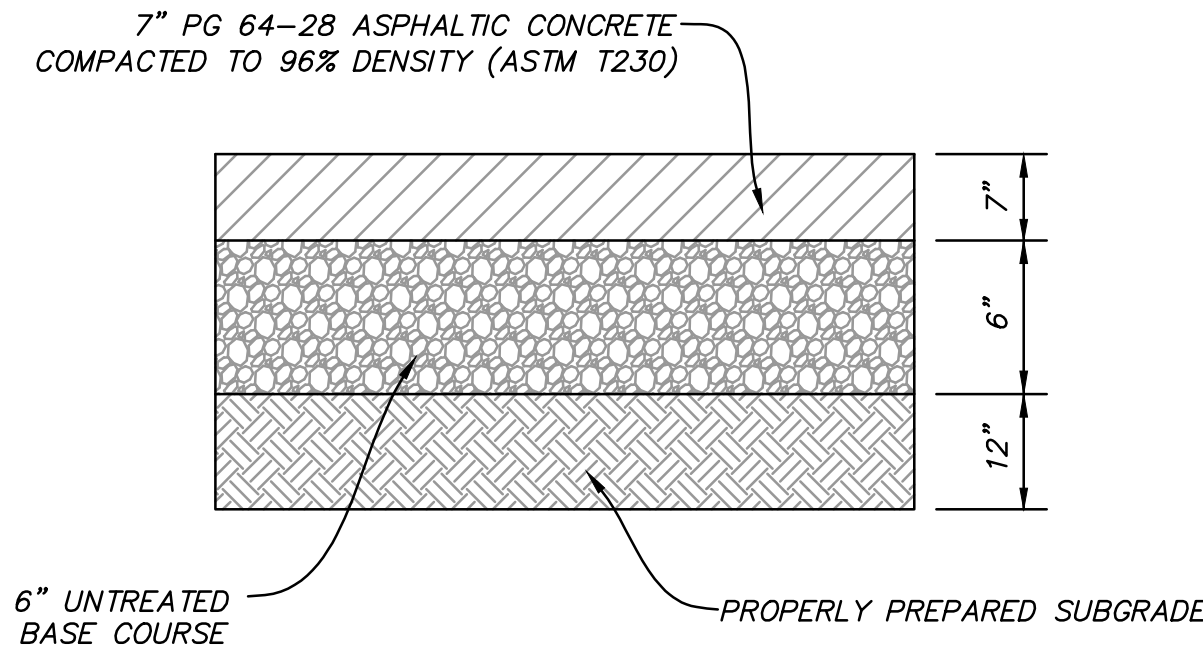


Straw bale barrier

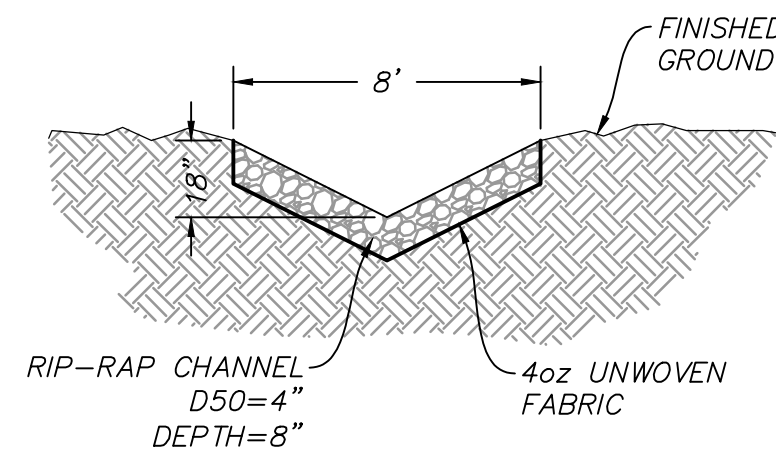
1. GENERAL
  - A. Description. A temporary sediment barrier consisting of a row of entrenched and anchored straw bales.
  - B. Purpose. To intercept and detain small amounts of sediment from disturbed areas of limited extent. To decrease the velocity of sheet flows and low-to-moderate level channel flows.
2. PRODUCTS (Not used)
3. EXECUTION
  - A. Place bales in a single row, lengthwise with ends of adjacent bales tightly abutting each other for the following conditions.
    - 1) Perimeter Control. Place barrier at down gradient limits of disturbance.
    - 2) Sediment Barrier. Place barrier at toe of slope or soil stockpile.
    - 3) Protection of Existing Waterways. Place barrier at top of stream bank.
    - 4) Inlet Protection.
  - B. Wire-bound or string-tie all bales. Install so straw bale bindings are oriented around the sides rather than along the tops and bottoms of the bales (in order to prevent deterioration of the bindings).
  - C. Chink the gaps between bales (filled by wedging) with straw to prevent water from escaping between the bales. Loose straw scattered over the area immediately uphill from a straw bale barrier tends to increase barrier efficiency.
  - D. When bales are installed at the toe of a slope, place the bales away from the slope for increased storage capacity.
  - E. Remove straw bale barriers when they have served their usefulness, but not before the up-slope areas have been permanently stabilized.
  - F. Maintenance.
    - 1) Inspect immediately after any rainfall and at least daily during prolonged rainfall.
    - 2) Pay close attention to the repair of damaged bales, end runs and undercutting beneath bales.
    - 3) Necessary repairs or replacement of bales must be accomplished promptly.
    - 4) Remove sediment deposits after each rainfall. It must be removed when the level of deposition reaches approximately one-half the height of the bale(s).
    - 5) Realign bales to provide a continuous barrier and to fill gaps.
    - 6) Recompect soil around bales as necessary to prevent piping.

Catch basin

1. GENERAL
  - A. The drawing shows typical pipe connections. Refer to construction drawings for connection locations or refer to field location of existing piping when engineering pipe connection to the box.
2. PRODUCTS
  - A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
  - B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
  - C. Concrete: Class 4000, APWA Section 03 30 04.
  - D. Reinforcement: Deformed, 60 ksi yield grade steel, ASTM A615.
3. EXECUTION
  - A. Base Course Placement: APWA Section 32 11 23. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
  - B. Curb Face Opening: Make opening at least 4-inches high. Provide at least a 2-inch drop between the "warp line" in the gutter flow-line and the top of the grate at the curb face opening.
  - C. Concrete Placement: APWA Section 03 30 10. Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
  - D. Backfill: Place backfill against the basin wall. Pea gravel and recycled RAP aggregate is NOT ALLOWED. Water jetting is NOT allowed. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.



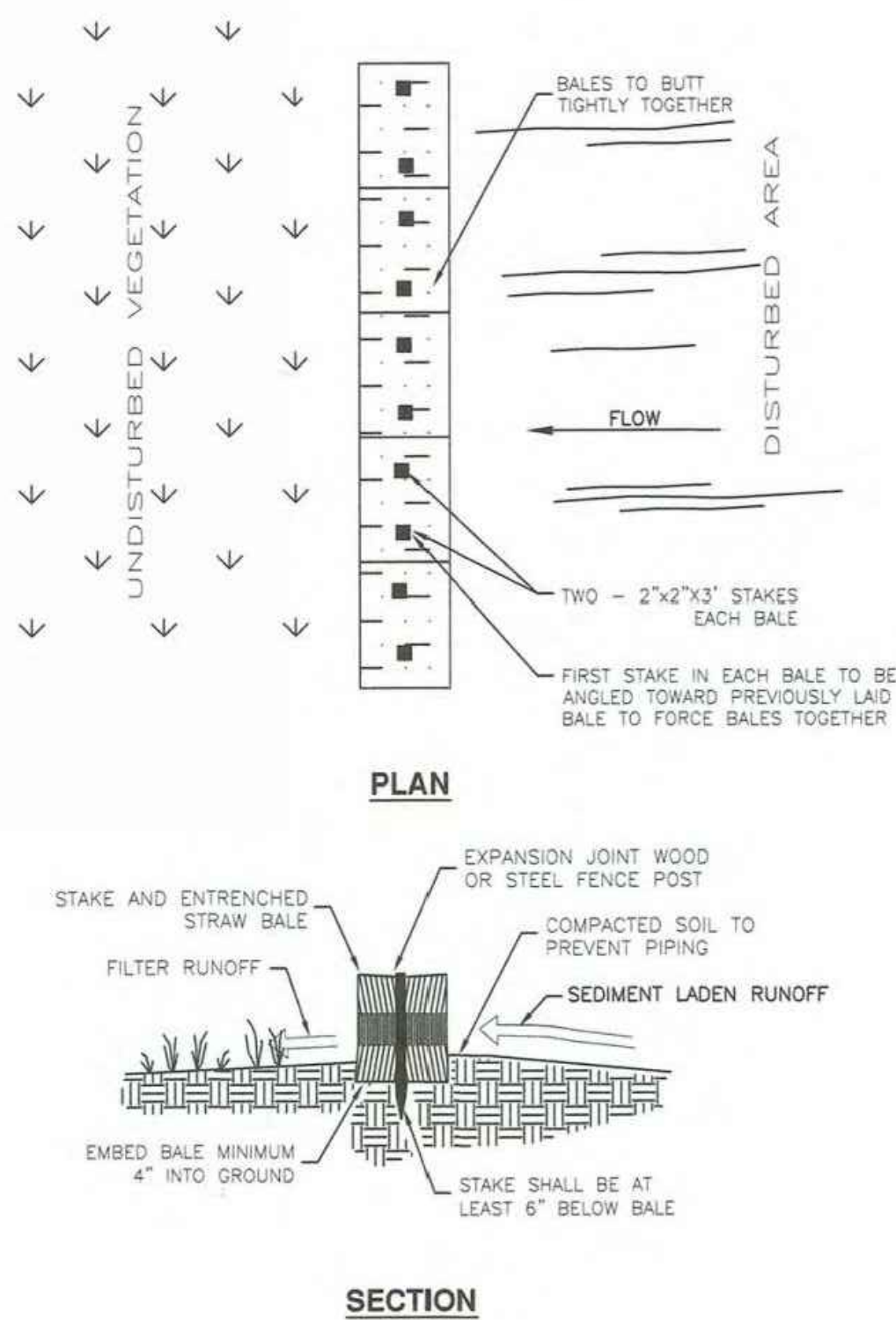
**ASPHALT PAVEMENT SECTION**  
SCALE: N.T.S.



**DRAINAGE DITCH DETAIL**  
SCALE: N.T.S.

121

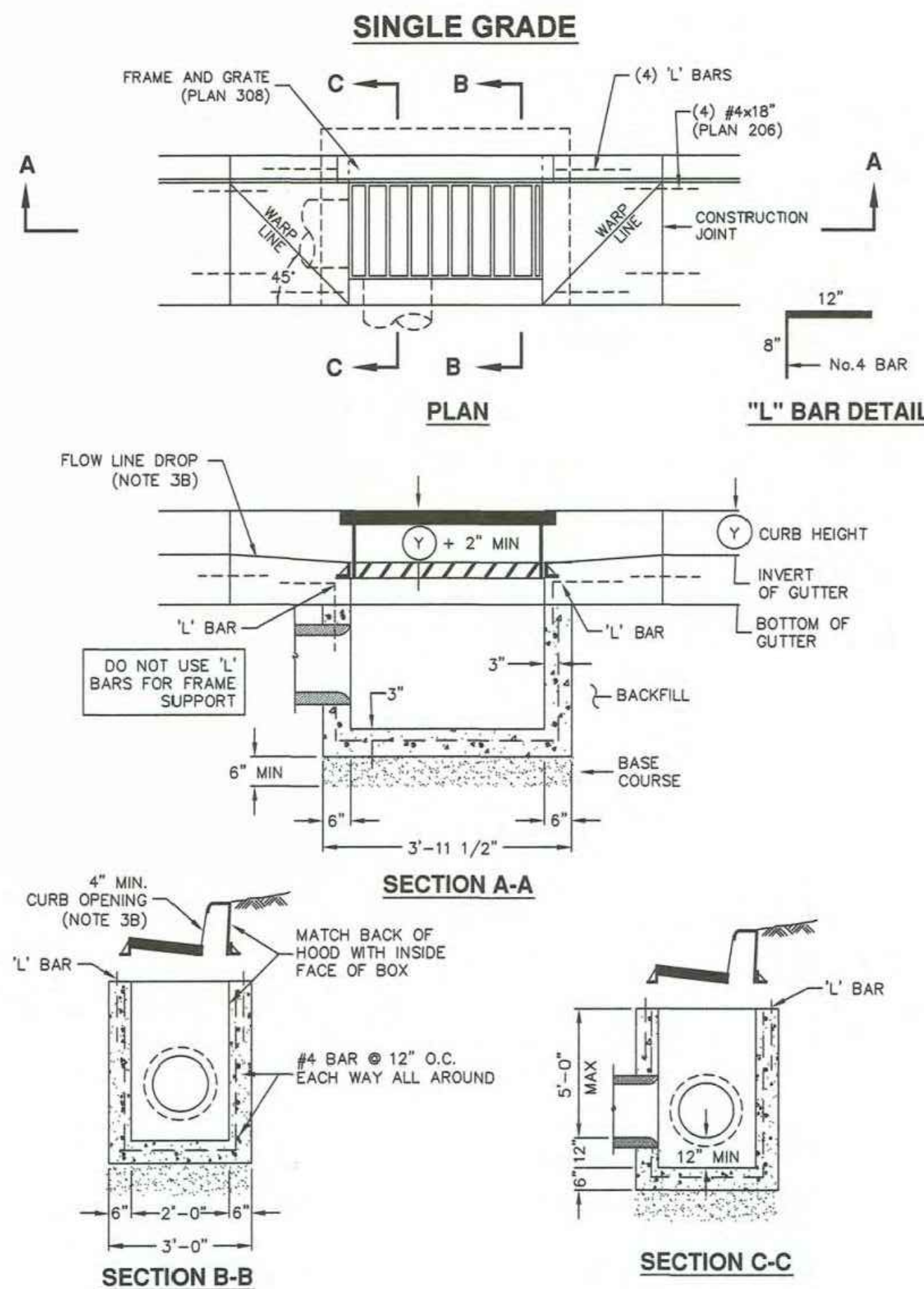
NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



Straw bale barrier

Plan  
121  
February 2006

315.1



Catch basin

Plan  
315.1  
September 2010