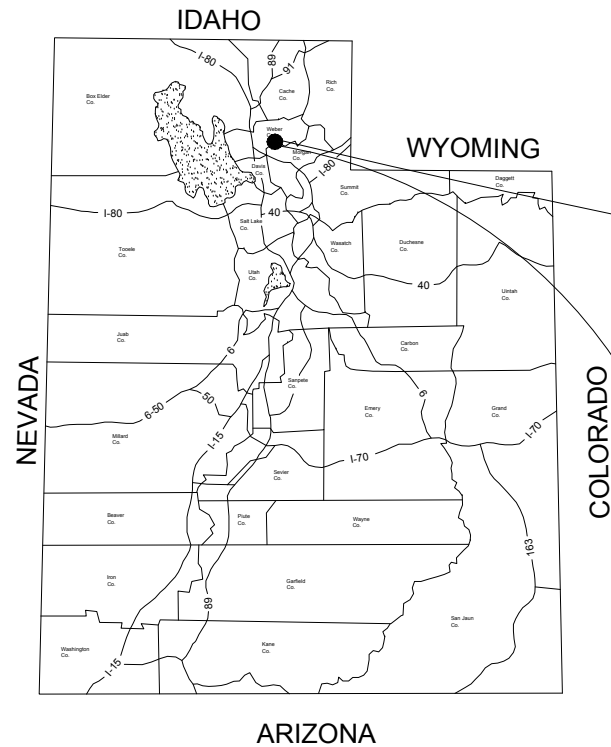




SNOWBASIN RESORT

CANYON RIM

PARKING LOT IMPROVEMENT PROJECT



VICINITY MAP



PROJECT SITE

INDEX TO SHEETS

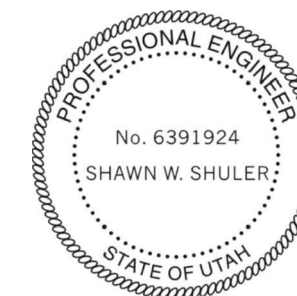
SHEET NUMBER	NUMBER OF SHEETS	DESCRIPTION
1	1	TITLE/INDEX TO SHEETS
1-A	1	ABBREVIATIONS AND LEGENDS
HC-01	1	HORIZONTAL CONTROL
SC-01	1	SURVEY CONTROL
EC-01	1	ERSOSION CONTROL
RMV-01	1	REMOVALS
DT-01	1	DETAILS AND TYPICAL SECTION
RD-01 TO RD-02	2	ROADWAY



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SHAWN SHULER, P.E., PROJECT MANAGER
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LEGEND

EXISTING

MATCH LINE	(SEE SHEET XX-XX) MATCH LINE
EXISTING BURIED ELECTRICAL LINE	----- bel ----- bel -----
EXISTING OVERHEAD ELECTRICAL LINE	----- el ----- el -----
EXISTING BURIED CABLE TV	----- bctv ----- bctv -----
EXISTING OVERHEAD CABLE TV	----- ctv ----- ctv -----
EXISTING BURIED FIBER OPTIC	----- bfo ----- bfo -----
EXISTING OVERHEAD FIBER OPTIC	----- fo ----- fo -----
EXISTING BURIED TELEPHONE	----- btel ----- btel -----
EXISTING OVERHEAD TELEPHONE	----- tel ----- tel -----
EXISTING GAS LINE	----- g ----- g -----
EXISTING SEWER	----- ss ----- ss -----
EXISTING STORM DRAIN	----- sd ----- sd -----
EXISTING WATERLINE	----- w ----- w -----
EXISTING IRRIGATION LINE	----- irr ----- irr -----
EXISTING INTERMEDIATE CONTOUR	-----
EXISTING INDEX CONTOUR	----- XXXX -----
EXISTING CHAINLINK FENCE	-----
EXISTING STOCK FENCE	----- X-----X-----X-----X-----X-----X-----

PROPOSED

PROPOSED BURIED ELECTRICAL LINE	----- BEL -----
PROPOSED OVERHEAD ELECTRICAL LINE	----- EL -----
PROPOSED BURIED CABLE TV	----- BCTV -----
PROPOSED OVERHEAD CABLE TV	----- CTV -----
PROPOSED BURIED FIBER OPTIC	----- BFO -----
PROPOSED OVERHEAD FIBER OPTIC	----- FO -----
PROPOSED BURIED TELEPHONE	----- BTel -----
PROPOSED OVERHEAD TELEPHONE	----- TEL -----
PROPOSED GAS LINE	----- G -----
PROPOSED SEWER	----- SS -----
PROPOSED STORM DRAIN	----- SD -----
PROPOSED WATERLINE	----- W -----
PROPOSED IRRIGATION LINE	----- IRR -----

SYMBOLS

PIPE ABBREVIATIONS

PVC	POLYVINYL CHLORIDE PLASTIC PIPE
RCP	REINFORCED CONCRETE PIPE
VCP	VITRIFIED CLAY PIPE
CIP	CAST IRON PIPE
HDPE	HIGH DENSITY POLYETHYLENE
DIP	DUCTILE IRON PIPE
CMP	CORRUGATED METAL PIPE
CPP	CORRUGATED POLYETHYLENE PIPE
POLY	POLYETHYLENE PIPE

NOTES

GENERAL NOTES:

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE APWA MANUAL OF STANDARD SPECIFICATIONS AND MANUAL OF STANDARD PLANS, THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANY APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS AND PERMIT REQUIREMENTS. CONTRACTOR IS RESPONSIBLE TO HAVE A COPY OF THE REQUIRED SPECIFICATIONS AND PLANS AND TO KNOW AND CONFORM TO THE APPROPRIATE CODES, REGULATIONS, DRAWINGS, STANDARDS AND SPECIFICATIONS.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY REVISIONS MUST BE APPROVED, IN WRITING AND IN ADVANCE, BY OWNER AND ENGINEER.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK AND SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR AMBIGUITIES.
- ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTAH BLUE STAKES FOR LOCATIONS OF UTILITIES, PRIOR TO BEGINNING WORK, AT (800) 662-4111.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES, SURVEY MONUMENTS AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE FROM DAMAGE. ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF OWNER, ENGINEER AND/OR OWNING UTILITY COMPANY AT CONTRACTOR'S EXPENSE.
- WATER FOR CONSTRUCTION IS ANTICIPATED TO BE AVAILABLE FROM THE HYDRANT LOCATED AT THE ENTRANCE TO THE PARKINGS AREAS TO BE IMPROVED. CONTACT LANCE ROYLANCE, SNOWBASIN RESORT OPERATIONS, AT (801) 622-1100.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS.
- ANY SURVEY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER WEBER COUNTY SURVEYOR REQUIREMENTS.
- CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR ALL OSHA REQUIREMENTS ON THE PROJECT SITE.
- A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES AS PER STATE LAW AS WELL AS PROVIDING A STORM WATER POLLUTION PREVENTION PLAN TO THE COUNTY.
- ASPHALT PAVING BETWEEN OCTOBER 15 AND MARCH 15 WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM OWNER AND ENGINEER.

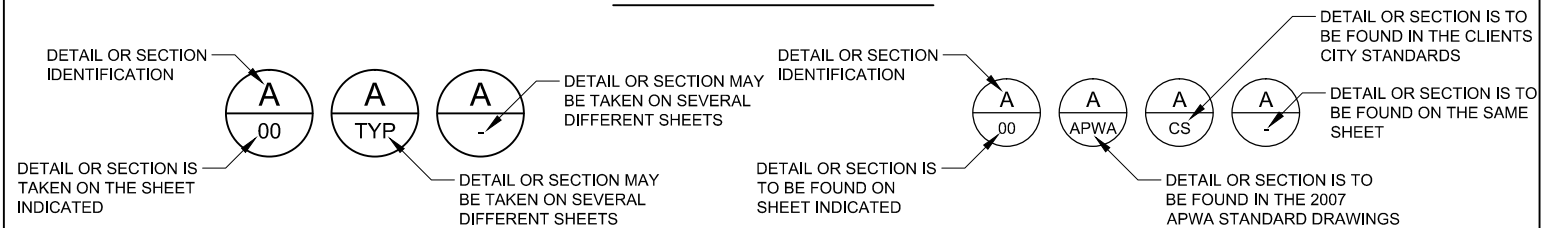
GRADING NOTES:

- CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER IF ANY UNFORESEEN CONDITIONS ARE ENCOUNTERED.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
- ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
- CONTRACTOR SHALL MAINTAIN STREETS, SIDEWALKS AND ALL OTHER PRIVATE AND PUBLIC AREAS IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT.

ABBREVIATIONS

AC	ASPHALT CONCRETE PAVEMENT
BV	BUTTERFLY VALVE
BLDG.	BUILDING
CI	CAST IRON
CL	CENTER LINE
CLR	CLEAR
CO	CLEANOUT
COM	COMPRESSION FITTING
CONC	CONCRETE
CONST	CONSTRUCT
CTS	COPPER TUBE STEEL
C.Y.	CUBIC YARD
d	DEPTH OF FLOW
D	DIAMETER OF PIPE
DWG	DRAWING
DIA	DIAMETER
DIM.	DIMENSION
DIP	DUCTILE IRON PIPE
E	EAST
EA	EACH
EL., ELEV	ELEVATION
ESMT	EASEMENT
EW	EACH WAY
EXIST OR EX	EXISTING
FIP	FEMALE IRON PIPE FITTING
FG	FINISHED GRADE
FM	FORCE MAIN
FRP	FIBERGLASS REINFORCED PLASTIC
FL	FLOW LINE
FL, FLG	FLANGE FITTING
FE	FLANGE END
FT	FOOT
FPS	FEET PER SECOND
GV	GATE VALVE
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
"	INCH(ES)
INV	INVERT
LT	LEFT
MAX	MAXIMUM
MGD	MILLION GALLONS PER DAY
MIP	MALE IRON PIPE FITTING
MH	MANHOLE
MFRS	MANUFACTURERS
N/A	NOT APPLICABLE
#, NO	NUMBER
NTD	NOTED
NTS	NOT TO SCALE
PERM	PERMANENT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
P	PROPERTY LINE
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PWD	PUBLIC WORKS DEPARTMENT
Q	RATE OF FLOW
REINF	REINFORCEMENT, REINFORCING
REQD	REQUIRED
RES	RESERVOIR
REV	REVISION
RT	RIGHT
R/W	RIGHT OF WAY
S	SOUTH, SLOPE
ST STL	STAINLESS STEEL
STD	STANDARD
STA	STATION
T.B.	THRUST BLOCK
TA	TOP OF ASPHALT GRADE
TEMP	TEMPORARY
TBM	TEMPORARY BENCH MARK
TYP	TYPICAL
UBC	UNTREATED BASE COURSE
UNO	UNLESS NOTED OTHERWISE
UG	UNDERGROUND
V	VELOCITY
VERT	VERTICAL
W	WEST

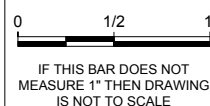
DETAIL REFERENCE



IN TITLE

AS REFERENCE

WARNING



SNOWBASIN RESORT

ABBREVIATIONS AND LEGEND

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PROJ. NO.: OG-704-1705	

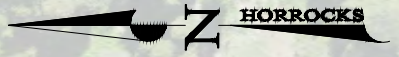
1-A

PAGE 02



NOTES:

- CONTACT HORROCKS ENGINEERS PRIOR TO CONSTRUCTION TO COORDINATE ADDITIONAL SURVEY CONTROL, IF NEEDED.



SNOWBASIN ROAD
(SR-226)

SECTION CORNER
SW CORNER
S29 T6NR1E
N: 3605522.3100
E: 1543490.8600
EL: 6299.671

SNOWBASIN
RESORT

PK NAIL
N: 3605603.5880
E: 1543322.5710
EL: 6300.735

OLD SNOWBASIN ROAD

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WARNING

IF THIS BAR DOES NOT
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SNOWBASIN RESORT

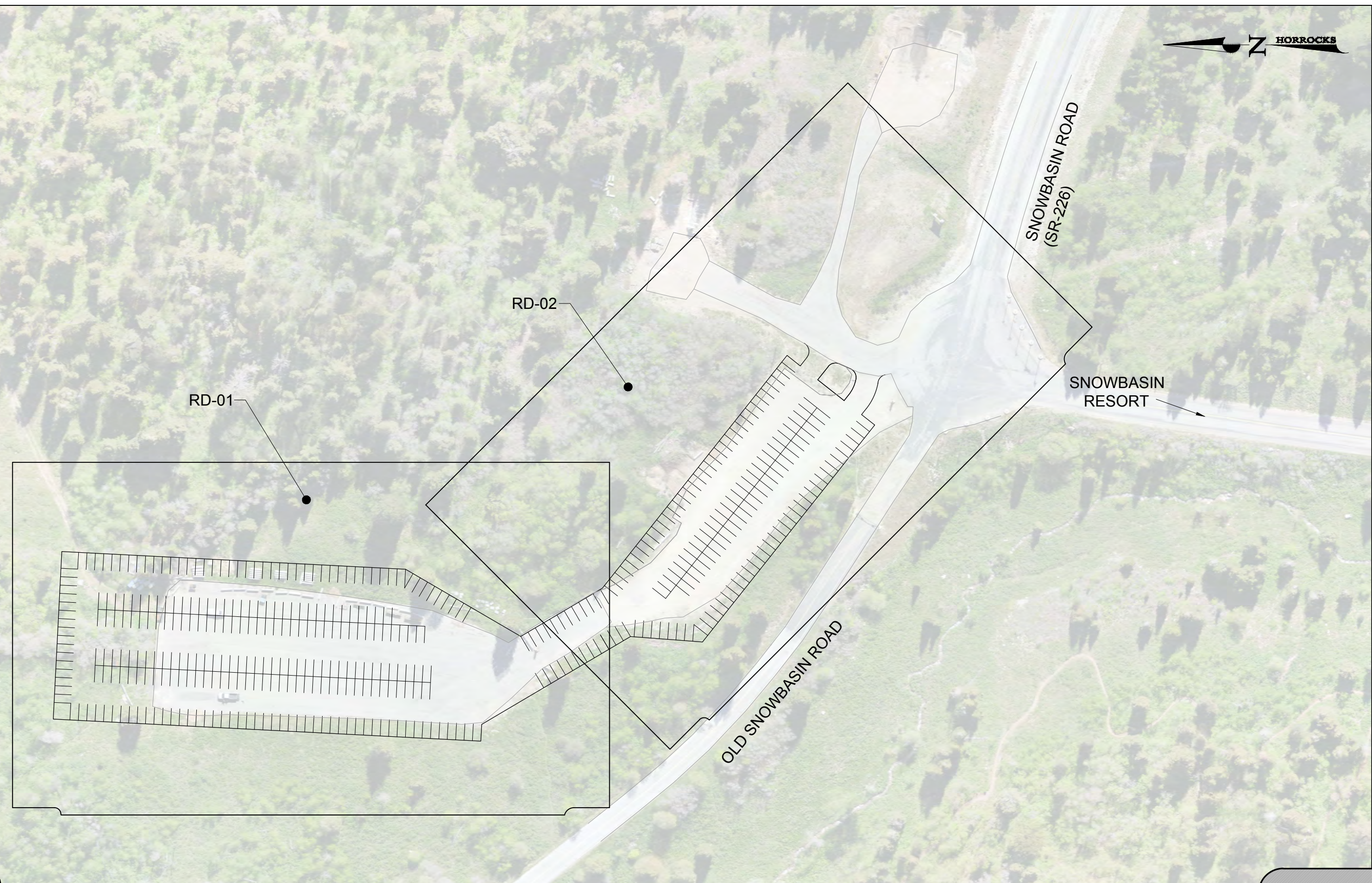
SURVEY CONTROL

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SC-01

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WARNING

0 1/2 1

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SNOWBASIN RESORT

CROSS REFERENCE

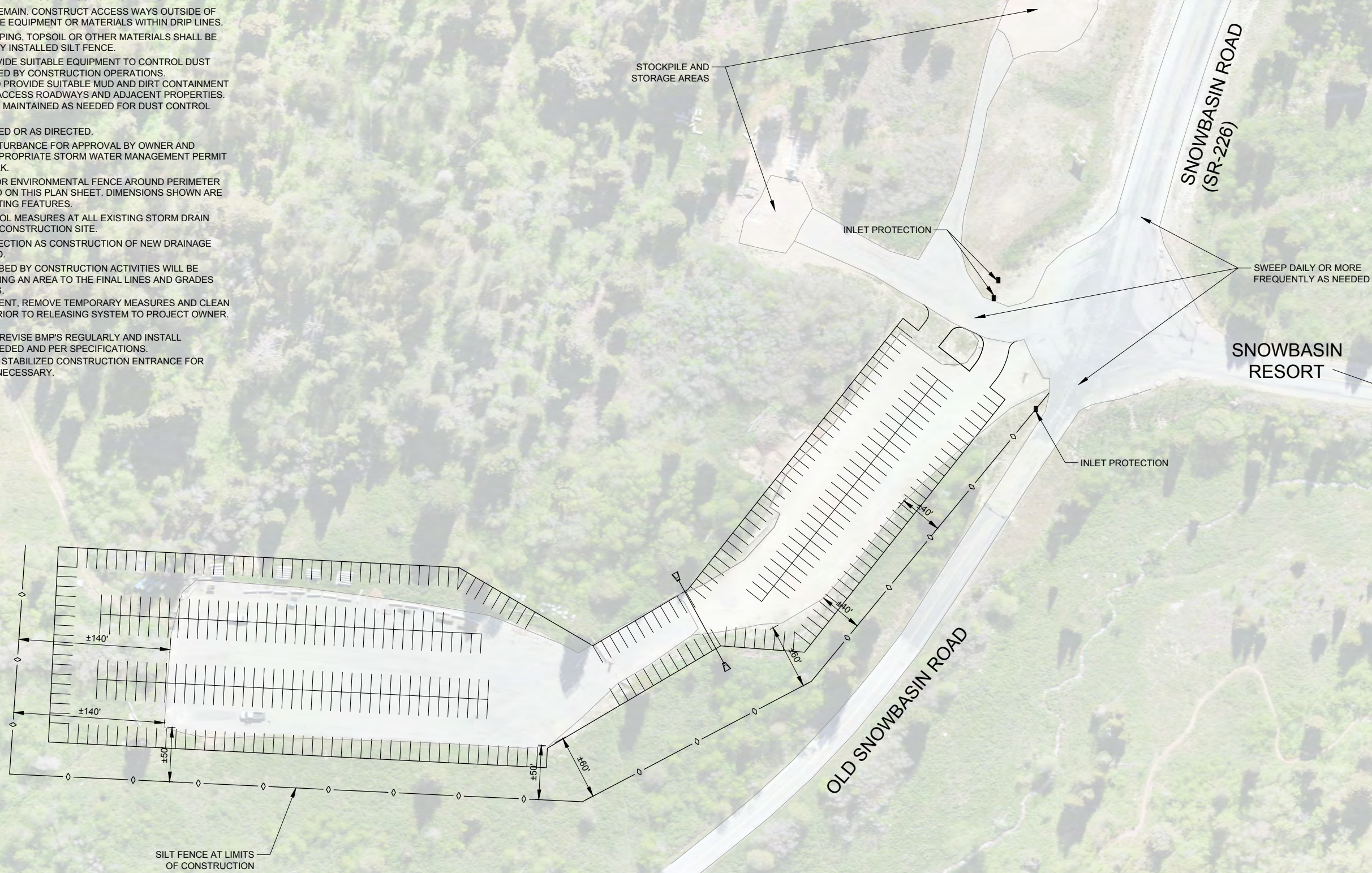
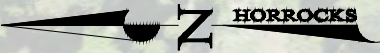
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*SEE 2nd SHEET FOR LISTING	
PROJ. NO.: OG-704-1705	

CR-01

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EROSION CONTROL NOTES:

1. EROSION CONTROL GRAPHICS ARE SCHEMATIC AND DO NOT REFLECT EXACT PLACEMENT. ACTUAL PLACEMENT WILL BE DETERMINED IN FIELD.
2. SELECTION AND PLACEMENT OF EROSION CONTROL BMP'S CAN CHANGE BASED ON FIELD CONDITIONS AND CONSTRUCTION ACTIVITIES.
3. PROTECT ALL TREES TO REMAIN. CONSTRUCT ACCESS WAYS OUTSIDE OF DRIP LINES. DO NOT STORE EQUIPMENT OR MATERIALS WITHIN DRIP LINES.
4. ALL STOCKPILES OF STRIPPING, TOPSOIL OR OTHER MATERIALS SHALL BE ENCLOSED WITH PROPERLY INSTALLED SILT FENCE.
5. CONTRACTOR SHALL PROVIDE SUITABLE EQUIPMENT TO CONTROL DUST AND AIR POLLUTION CAUSED BY CONSTRUCTION OPERATIONS. CONTRACTOR SHALL ALSO PROVIDE SUITABLE MUD AND DIRT CONTAINMENT TO MAINTAIN WORK SITE, ACCESS ROADWAYS AND ADJACENT PROPERTIES. A WATER TRUCK SHALL BE MAINTAINED AS NEEDED FOR DUST CONTROL PURPOSES.
6. SWEEP STREETS AS NEEDED OR AS DIRECTED.
7. FIELD MARK LIMITS OF DISTURBANCE FOR APPROVAL BY OWNER AND ENGINEER AND OBTAIN APPROPRIATE STORM WATER MANAGEMENT PERMIT PRIOR TO BEGINNING WORK.
8. INSTALL SILT FENCE AND/OR ENVIRONMENTAL FENCE AROUND PERIMETER OF PROJECT AS INDICATED ON THIS PLAN SHEET. DIMENSIONS SHOWN ARE APPROXIMATE FROM EXISTING FEATURES.
9. INSTALL SEDIMENT CONTROL MEASURES AT ALL EXISTING STORM DRAIN INLETS ADJACENT TO THE CONSTRUCTION SITE.
10. INSTALL SEDIMENT PROTECTION AS CONSTRUCTION OF NEW DRAINAGE ELEMENTS IS COMPLETED.
11. STABILIZE AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WILL BE WITHIN 7 DAYS OF FINISHING AN AREA TO THE FINAL LINES AND GRADES INDICATED ON THE PLANS.
12. LANDSCAPE ESTABLISHMENT, REMOVE TEMPORARY MEASURES AND CLEAN STORM DRAIN SYSTEM PRIOR TO RELEASING SYSTEM TO PROJECT OWNER. SEE LANDSCAPE PLANS.
13. MONITOR, MAINTAIN AND REVISE BMP'S REGULARLY AND INSTALL ADDITIONAL BMP'S AS NEEDED AND PER SPECIFICATIONS.
14. CONTRACTOR TO UTILIZE STABILIZED CONSTRUCTION ENTRANCE FOR VEHICLE TIRE WASH, AS NECESSARY.



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 HUNTSVILLE, UT 84317

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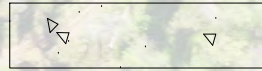
SNOWBASIN RESORT

EROSION CONTROL

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EC-01
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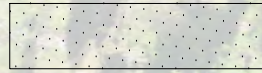
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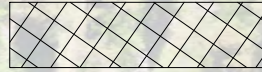
REMOVE EXISTING ASPHALT BY PULVERIZING (+/- 3.5" THICK, AVERAGE)



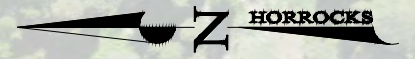
REMOVE EXISTING GRAVEL PAVING



PRESERVE AND PROTECT EXISTING ASPHALT PAVEMENT



PRESERVE AND PROTECT EXISTING GRAVEL PAVING



EXCESS EXCAVATION STOCKPILE AREA (OR AS DIRECTED BY OWNER)

SNOWBASIN ROAD (SR-226)

PRESERVE AND PROTECT EXISTING STORM DRAIN INLETS AND PIPES

REMOVE EXISTING PIPE BOLLARDS; PRESERVE AND PROTECT EXISTING HYDRANT

SNOWBASIN RESORT

OLD SNOWBASIN ROAD



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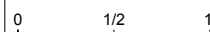
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REMOVAL

DRAWING INFO

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SCALE 1" = 100'

REV # DATE

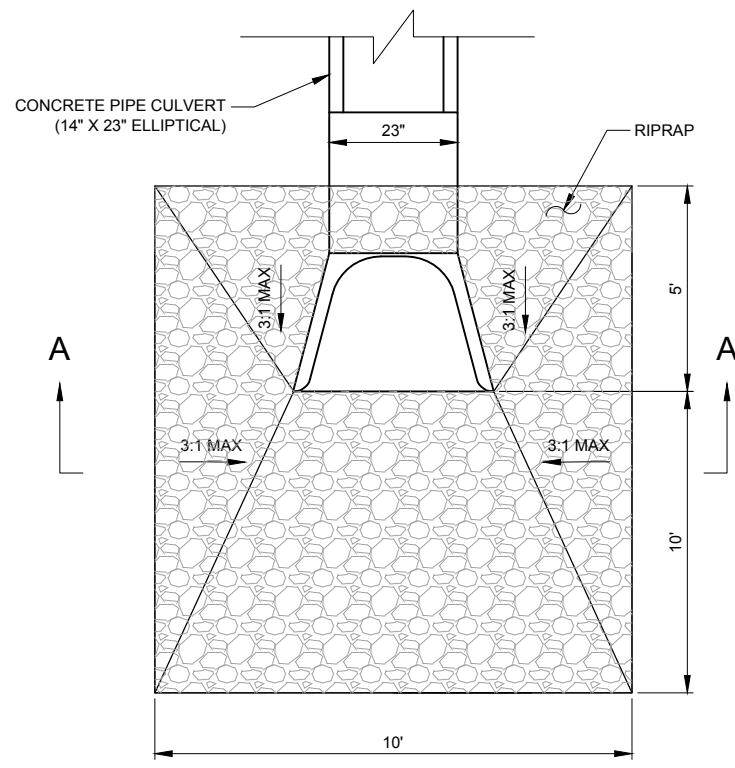
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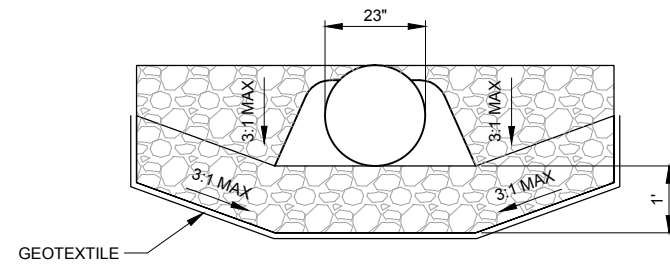
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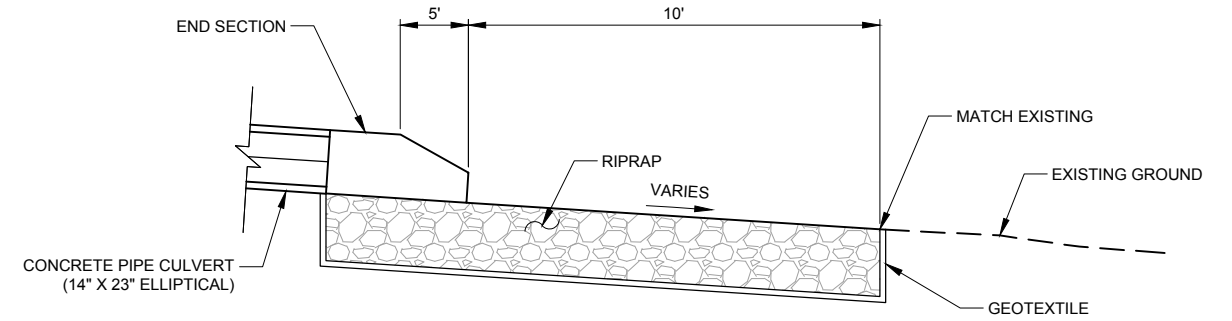


PLAN

APRON AT END OF END SECTION



SECTION A-A

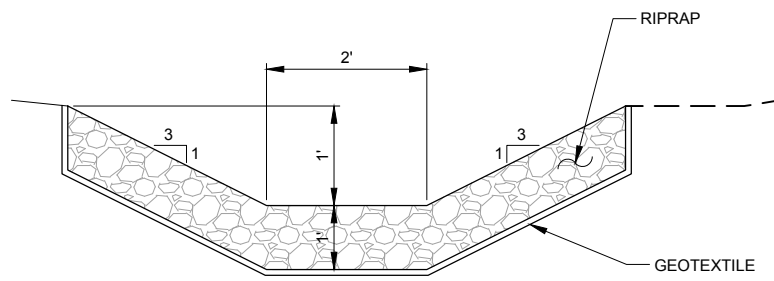


PROFILE

NOTES:

1. RIPRAP PER APWA SECTION 31 37 00.
2. RIPRAP GRADATION: $D_{50} = 6"$.
3. GEOTEXTILE PER APWA SECTION 31 05 19.
4. GEOTEXTILE MATERIAL: EROSION CONTROL, CLASS B, NONWOVEN.
5. SHAPE RIPRAP TO SPREAD FLOW AT BOTTOM OF APRON.

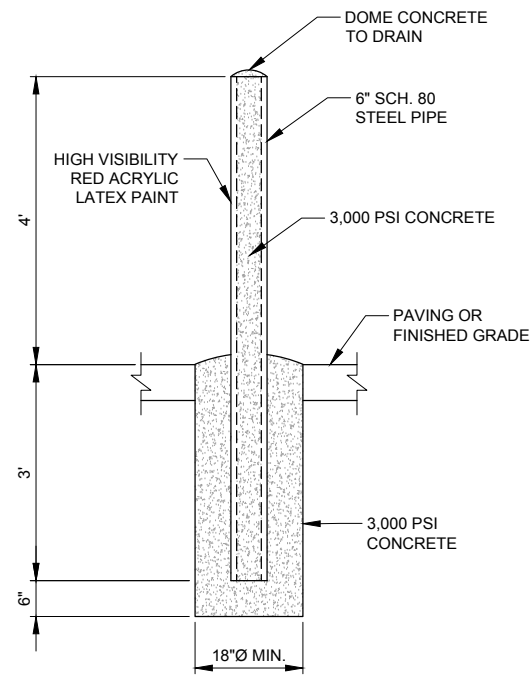
A **OUTFALL RIPRAP**



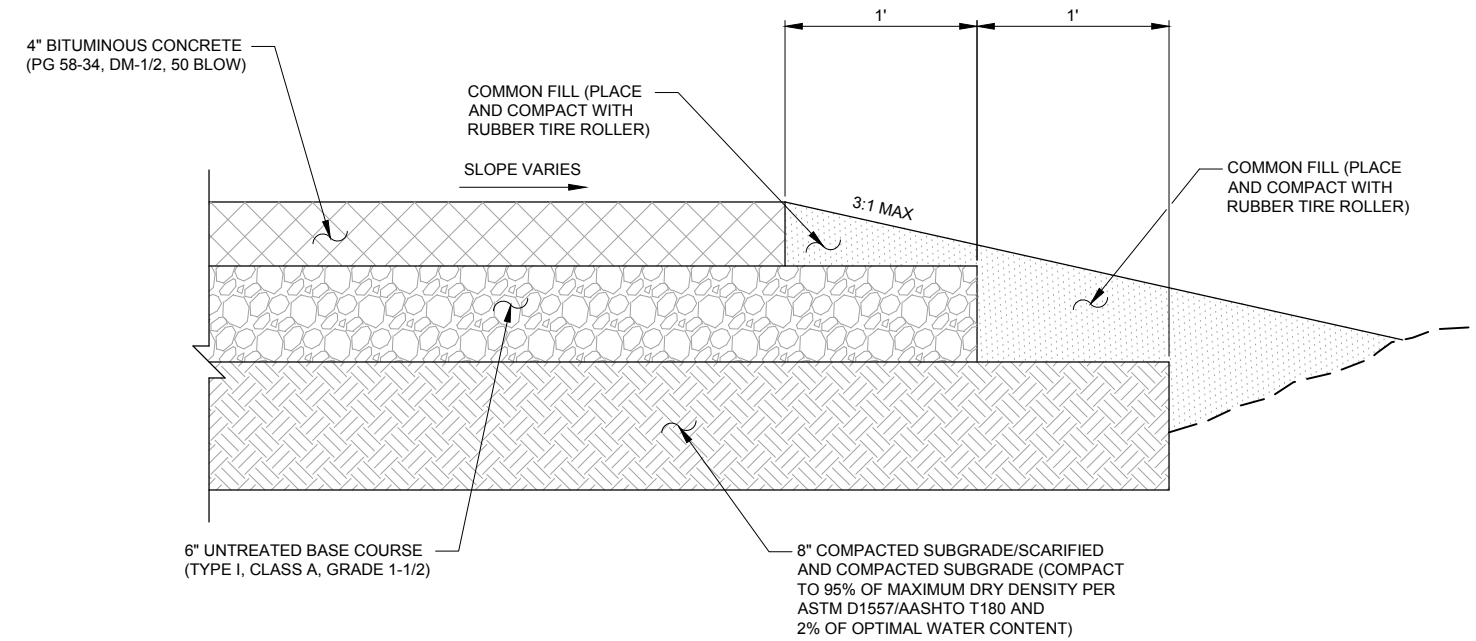
B **RIPRAP CHANNEL LINING**

NOTES:

1. RIPRAP PER APWA SECTION 31 37 00.
2. RIPRAP GRADATION: $D_{50} = 6"$.
3. GEOTEXTILE PER APWA SECTION 31 05 19.
4. GEOTEXTILE MATERIAL: EROSION CONTROL, CLASS B, NONWOVEN.



C **PIPE BOLLARD DETAIL**



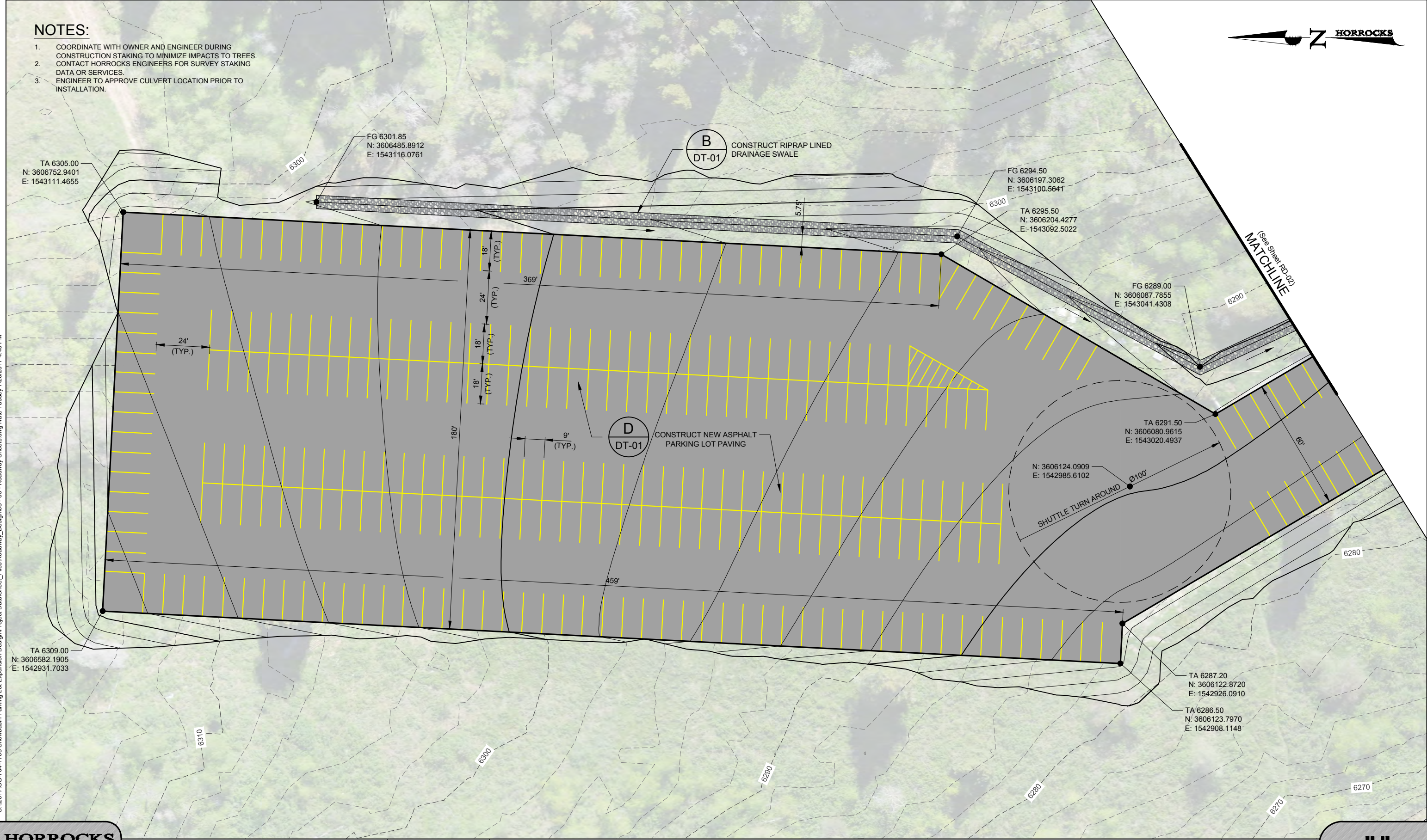
D **TYPICAL PAVEMENT SECTION**

NOTES:

1. COORDINATE WITH OWNER AND ENGINEER DURING CONSTRUCTION STAKING TO MINIMIZE IMPACTS TO TREES.
2. CONTACT HORROCKS ENGINEERS FOR SURVEY STAKING DATA OR SERVICES.
3. ENGINEER TO APPROVE CULVERT LOCATION PRIOR TO INSTALLATION.



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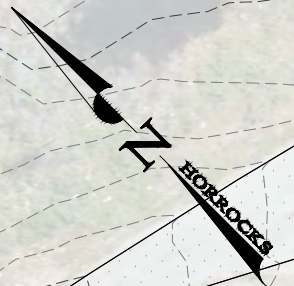
SNOWBASIN RESORT
ROADWAY DESIGN

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*SEE 2nd SHEET FOR LISTING	
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RD-01
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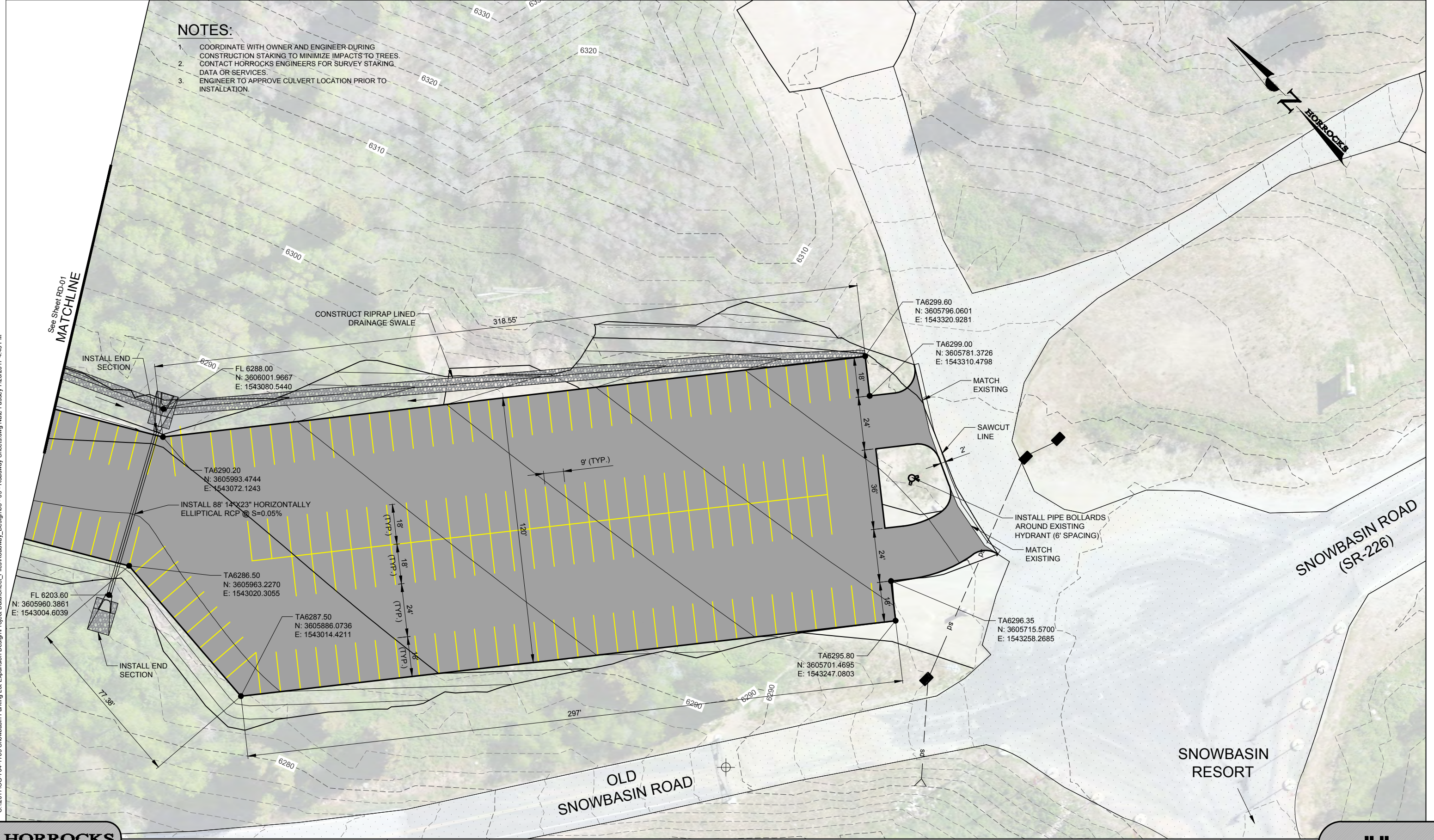
NOTES:

1. COORDINATE WITH OWNER AND ENGINEER DURING CONSTRUCTION STAKING TO MINIMIZE IMPACTS TO TREES.
2. CONTACT HORROCKS ENGINEERS FOR SURVEY STAKING DATA OR SERVICES.
3. ENGINEER TO APPROVE CULVERT LOCATION PRIOR TO INSTALLATION.



See Sheet RD-07
MATCHLINE

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REV #	DATE
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HORROCKS ENGINEERS

PAGE