CAVE ROCK ESTATES
GENERAL IMPROVEMENT DISTRICT

NEVADA TAHOE CONSERVATION DISTRICT

CAVE ROCK GID STORMWATER SYSTEM

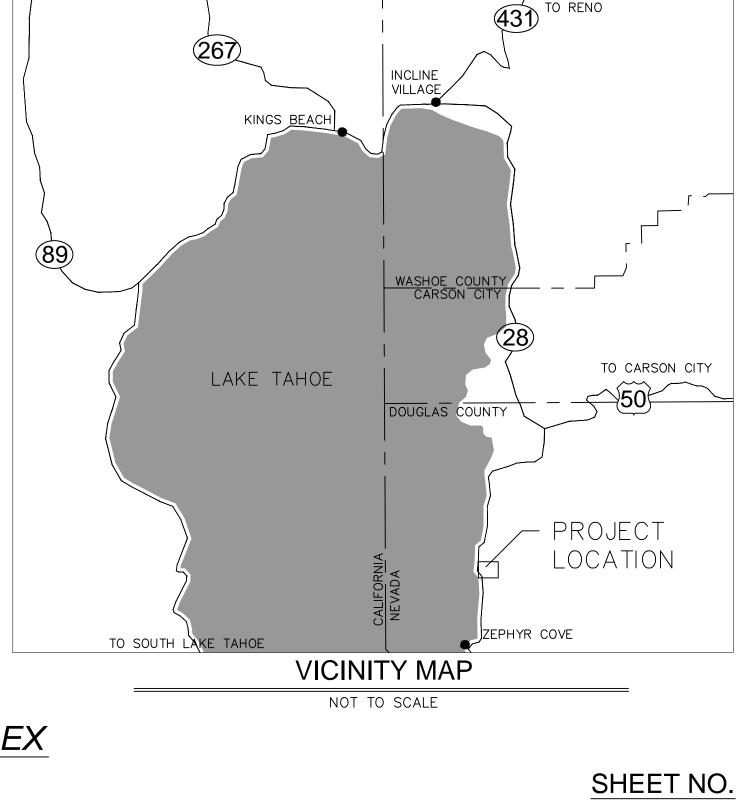


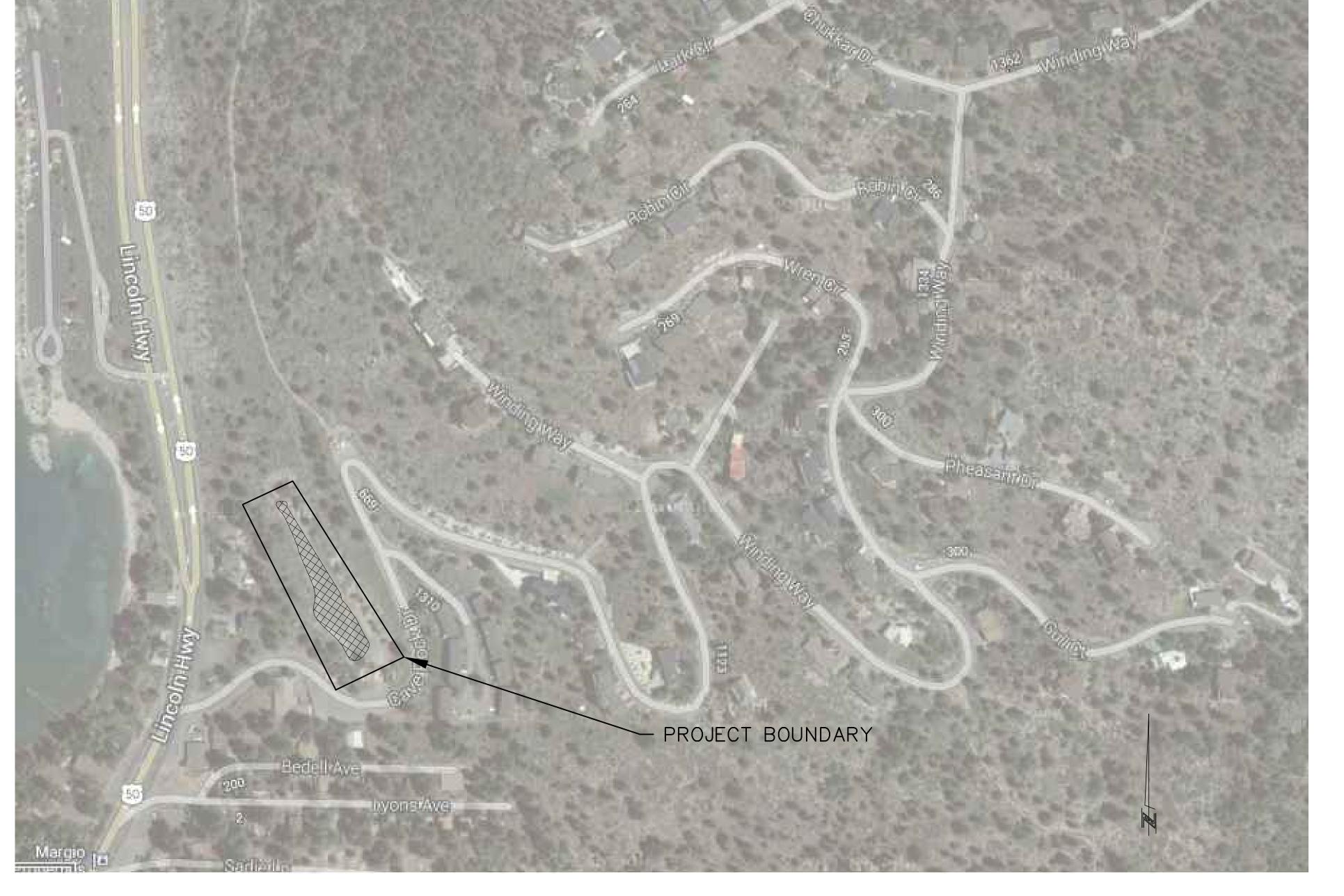




RETROFIT PROJECT

IN THE COUNTY OF DOUGLAS





PLAN

NOT TO SCALE

SHEET INDEX

SHEET TITLE TITLE	SHEET NO.
GENERAL NOTES	
EXISTING/DEMOLITION PLAN	C-1
PLAN OVERVIEW	C-2
SECTIONS AND DETAILS	
BID ALTERNATE	C-4
DETAILS	D-1

ASSET OWNER

CAVE ROCK GENERAL IMPROVEMENT DISTRICT P.O. BOX 10426 ZEPHYR COVE, NV 89448

ENGINEER:



MEGHAN C. KELLY, P.E.
REGISTERED CIVIL ENGINEER
STATE OF NEVADA, NO. 20851
NEVADA TAHOE CONSERVATION DISTRICT
400 DORLA CT.
ZEPHYR COVE, NV 89448
(775) 586-1610

APPROVAL:

ERIK NILSSEN, P.E. DOUGLAS COUNTY ENGINEER

DAT





CAVE ROCK ESTATES STORMWATER SYS

BAR IS ONE INCH ON ORIGINAL DRAWING, ADJUST SCALES FOR REDUCED PLOTS

0" 1"

PROJECT
CAVE ROCK
RETROFIT
SHEET

 $oldsymbol{i}$ 1 of $oldsymbol{7}$

GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND HIS SUBCONTRACTOR(S) TO EXAMINE THE PROJECT SITE PRIOR TO THE OPENING OF BID PROPOSALS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED, SUCH AS THE NATURE AND LOCATION OF THE WORK AND THE GENERAL AND LOCAL CONDITIONS, PARTICULARLY THOSE AFFECTING THE AVAILABILITY OF TRANSPORTATION, THE DISPOSAL, HANDLING, AND STORAGE OF MATERIALS, AVAILABILITY OF LABOR, WATER, ELECTRICITY, ROADS, THE UNCERTAINTIES OF WEATHER, THE CONDITIONS OF THE GROUND, SURFACE AND SUBSURFACE MATERIALS, THE EQUIPMENT AND FACILITIES NEEDED PRIMARILY FOR AND DURING THE PERFORMANCE OF THE WORK, AND THE COSTS THEREOF. ANY FAILURE BY THE CONTRACTOR AND SUBCONTRACTOR(S) TO ACQUAINT HIMSELF WITH ALL THE AVAILABLE INFORMATION WILL NOT RELIEVE HIM FROM RESPONSIBÎLÎTY FOR PROPERLY ESTIMATING THE DIFFICULTY AND COST OF SUCCESSFULLY PERFORMING THE WORK.
- NTCD WILL FURNISH ONE SET OF CONSTRUCTION STAKES AS SET FORTH IN THE SPECIAL PROVISIONS.
- CONTRACTOR SHALL MAINTAIN A SET OF PLANS ON SITE SHOWING "AS CONSTRUCTED" CHANGES. UPON COMPLETION, CONTRACTOR SHALL SUPPLY DOUGLAS COUNTY, CREGID, AND NTCD A SET OF "AS BUILT"
- MOBILIZATION AREAS ARE TO BE SECURED BY THE CONTRACTOR AND APPROVED BY TRPA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF MOBILIZATION SITES, INCLUDING PLACEMENT AND MAINTENANCE OF BMPS.
- PRIOR TO STARTING WORK, THE CONTRACTOR SHALL INSTALL TEMPORARY BMP MEASURES AT LOCATIONS WHERE NEEDED TO CONTROL EROSION AND WATER POLLUTION DURING THE CONSTRUCTION OF THE PROJECT. THE BMP MEASURES SHALL REMAIN IN PLACE AND SHALL BE MAINTAINED IN A FUNCTIONAL CONDITION FOR THE DURATION OF THE CONSTRUCTION. SILT FENCE IS REQUIRED AT ALL CROSS DRAIN OUTLETS. SILT FENCE OR SEDIMENT LOGS WILL BE REQUIRED AT OTHER LOCATIONS AS SHOWN ON THE DRAWINGS OR STAKED IN THE FIELD BY THE ENGINEER. ALL EROSION CONTROL MEASURES SHALL MEET OR EXCEED TRPA REQUIREMENTS.
- ALL EXISTING VEGETATION SHALL BE PRESERVED UNLESS SPECIFICALLY IDENTIFIED BY THE ENGINEER FOR REMOVAL. ALL SHRUBS SHALL BE REMOVED FROM WITHIN THE EXISTING SAND FILTER PER ENGINEER'S DIRECTION. BMP'S TO PROTECT VEGETATION SHALL BE INSTALLED BY THE CONTRACTOR IF REQUIRED BY
- UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. WHERE EXCAVATION IS NECESSARY. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AND ALL AFFECTED UTILITY COMPANIES TO LOCATE ALL BURIED UTILITIES AT LEAST 48 HOURS PRIOR TO EXCAVATION. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR RELOCATION OF UTILITIES AS REQUIRED BY THE WORK. THE UTILITY COMPANIES WILL PERFORM ALL RELOCATION WORK AT NO COST TO THE CONTRACTOR, PROVIDED THAT NO CONTRACTOR CAUSED DAMAGE TO UTILITIES HAS OCCURRED DUE TO CONTRACTOR NEGLIGENCE. EXISTING STORM DRAIN LOCATIONS, MATERIALS AND SIZE ARE BASED ON A GROUND SURVEY AND PREVIOUS PROJECT PLAN SETS. WHENEVER CONNECTIONS TO OR CLEARANCE FROM STORM DRAIN PIPE IS REQUIRED, THE CONTRACTOR SHALL POTHOLE TO VERIFY THE LOCATION, SIZE AND MATERIAL OF THE PIPE PRIOR TO CONSTRUCTION.
- ASPHALT REPLACEMENT SHALL INCORPORATE A 4% ±1% CROSS SLOPE BETWEEN THE SAWCUT AND THE NEW ROADSIDE TREATMENT. NEW ROADSIDE FLOW CONVEYANCES SHALL INCORPORATE SUCH GRADE AS NECESSARY TO GUARANTEE WATER CONTINUES TO FLOW IN THE PRESENT DIRECTION, WITHOUT PONDING OR BREAKOUTS.
- ALL WORK SHALL BE DONE WITHIN THE DOUGLAS COUNTY OR CREGID PROPERTY UNLESS EASEMENT OR CONSTRUCTION PERMIT HAS BEEN ACQUIRED BY NTCD. IN WHICH CASE THE LIMITS OF WORK ARE AS SPECIFIED ON THE DRAWINGS. ANY DAMAGE DONE BY THE CONTRACTOR OR HIS SUBCONTRACTORS TO PRIVATE PROPERTY AND/OR OUTSIDE OF THE NOTED LIMITS OF WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR AND/OR HIS SUBCONTRACTORS.
- O. NTCD WILL PROVIDE INITIAL TESTING AND INSPECTION OF WORK AND MATERIAL WHEN REQUIRED. THE COST OF TESTING AND INSPECTING THE REMOVAL AND/OR REPLACEMENT OF ANY DEFECTIVE WORK OR MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR. SUCH COSTS WILL BE DEDUCTED FROM ANY MONEYS DUE OR WHICH MAY BECOME DUE TO THE CONTRACTOR.
- STANDARD WORK DAYS SHALL BE MONDAY THROUGH FRIDAY. SATURDAY AND SUNDAY MAY BE WORKED ON OCCASION ONLY TO MAKE UP FOR WEATHER DELAYS OR OTHER SCHEDULE DELAYS. NOISE GENERATING ACTIVITIES WILL BE LIMITED TO THE HOURS OF 8:00 AM TO 6:30 PM.
- 2. NOISE SHALL BE REDUCED BY THE MANDATORY USE OF MUFFLERS ON ALL CONSTRUCTION VEHICLES AND EQUIPMENT. WHERE FEASIBLE, SOLENOIDAL PAVEMENT BREAKERS WILL BE USED IN LIEU OF AIR POWERED JACK HAMMERS. NOISE GENERATING ACTIVITIES WILL BE LIMITED TO THE HOURS OF 8:00 AM TO 6:30 PM.
- 13. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK TO WATER AREAS AS NECESSARY TO CONTROL DUST. THE CONTRACTOR SHALL SWEEP THE PAVEMENT AT THE END OF EACH DAY.
- 14. ALL DISTURBED AREAS SHALL BE REVEGETATED WITH NATIVE SPECIES PER TRPA BEST MANAGEMENT PRACTICES (BMP). EXISTING VEGETATION REMOVED DURING CONSTRUCTION SHALL BE CHIPPED AND STORED FOR REVEGETATION.
- 15. ALL TREES AND NATURAL VEGETATION TO REMAIN ON THE SITE SHALL BE PROTECTED PER TRPA.
- 16. SOIL AND CONSTRUCTION MATERIAL SHALL NOT BE TRACKED OFF THE CONSTRUCTION SITE. GRADING OPERATIONS SHALL CEASE IN THE EVENT THAT A DANGER OF VIOLATING THIS CONDITION EXISTS.
- 7. DURING CONSTRUCTION ENVIRONMENTAL PROTECTION DEVICES, SUCH AS EROSION CONTROL, DUST CONTROL, AND VEGETATION PROTECTION DEVICES SHALL BE MAINTAINED AT ALL TIMES.
- 8. LOOSE SOIL MOUNDS OR SURFACES SHALL BE PROTECTED FROM WIND OR WATER EROSION BY BEING APPROPRIATELY COVERED WHEN CONSTRUCTION IS NOT IN ACTIVE PROGRESS OR WHEN REQUIRED BY TRPA.
- 9. EXCAVATED MATERIAL SHALL BE STORED UPGRADE FROM THE EXCAVATED AREA WHENEVER POSSIBLE. NO MATERIAL SHALL BE STORED IN ANY STREAM ENVIRONMENT ZONE (SEZ) OR WET AREA.
- 20. ONLY EQUIPMENT OF A SIZE AND TYPE THAT WILL DO THE LEAST AMOUNT OF DAMAGE. UNDER PREVAILING SITE CONDITIONS, AND CONSIDERING THE NATURE OF THE WORK TO BE PERFORMED, WILL BE USED. ALL HEAVY MACHINERY WORK SHALL BE PERFORMED FROM PAVED SURFACES TO AVOID SOIL COMPACTION.
- 21. NO WASHING OF VEHICLES OR HEAVY EQUIPMENT, INCLUDING CEMENT MIXERS, SHALL BE PERMITTED ANYWHERE ON THE SUBJECT PROPERTY UNLESS AUTHORIZED BY TRPA IN WRITING.
- 22. NO VEHICLE OR HEAVY EQUIPMENT SHALL BE ALLOWED IN A STREAM ENVIRONMENT ZONE OR WET AREA EXCEPT AS AUTHORIZED BY TRPA.
- 23. ALL CONSTRUCTION SHALL BE WINTERIZED BY OCTOBER 15 TO REDUCE THE WATER QUALITY IMPACTS ASSOCIATED WITH WINTER WEATHER.
- 24. THE CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATE IN, THE DOUGLAS COUNTY RIGHT-OF-WAYS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT.
- 25. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS.
- 26. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LONGER THEN 24 HOURS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS BEEN TEMPORARILY OR PERMANENTLY CEASED.
- 27. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS. AND ALL BMP'S WEEKLY. PRIOR TO A FORECASTED RAIN EVENT AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS FROZEN GROUND CONDITIONS OF SUSPENSION OF LAND DISTURBANCE ACTIVITIES.

IOT ALL AB	BREVIATIONS LISTED ARE USED IN THESE PLANS		
B.	AGGREGATE BASE	MDD	MAXIMUM DRY DENSITY
،C.	ACRE	MJ	MECHANICAL JOINT
C.	ASPHALT CONCRETE	MI.	MILE
)	AT ARREST TE	MIN.	MINIMUM
PPROX.	APPROXIMATE	MISC.	MISCELLANEOUS
VG.	AVERAGE	N	NORTH
WWA	AMERICAN WATER WORKS ASSOCIATION	N.I.C.	NOT IN CONTRACT
C	BEGIN CURVE	NTCD N.T.S.	NEVADA TAHOE CONSERVATION DISTRICT
&G ATV	CURB AND GUTTER CABLE TELEVISION	N. 1. 3. NO.	NOT TO SCALE NUMBER
.B.	CATCH BASIN	OC	ON CENTER
L	CENTERLINE	OG OG	ORIGINAL GRADE
LR.	CLEAR	OH(E/T)	OVERHEAD ELECTRIC OR TELEPHONE LINES
ONST.	CONSTRUCT	±	PLUS OR MINUS
F	CUBIC FEET	PT.	POINT
MP	CORRUGATED METAL PIPE	PCC	POINT OF COMPOUND CURVE, PORTLAND CEMENT
REGID	CAVE ROCK ESTATES GENERAL IMPROVEMENT DISTRICT	PC	POINT OF CURVATURE CONCRETI
SP	CORRUGATED STEEL PIPE	PIP	PROTECT IN PLACE
Υ	CUBIC YARD	PVC	POLYVINYL CHLORIDE
.G.	DECOMPOSED GRANITE	PVMT	PAVEMENT
EG	DEGREE(S)	POC	POINT ON CURVE
l	DROP INLET	POS	POSITIVE
IA.	DIAMETER	PRC	POINT OF REVERSE CURVE
R	DIMENSION RATIO	PSI	POUNDS PER SQUARE INCH
WG	DRAWING	PL DO	PROPERTY LINE
W, DWY A.	DRIVEWAY	PO PUE	PUSH ON
A. ASE.	EACH EASEMENT	R	PUBLIC UTILITY EASEMENT RADIUS
G	EXISTING GRADE	RCP	REINFORCED CONCRETE PIPE
LEC	ELECTRIC	REVEG	REVEGATATION
P -	EDGE OF PAVEMENT	RT,R	RIGHT
LEV.	ELEVATION	R/W, ROW	RIGHT-OF-WAY
С	END CURVE	SS	SANITARY SEWER, STAINLESS STEEL
Χ.	EXISTING	SSCO.	SANITARY SEWER CLEAN OUT
G	FINISH GRADE	SSMH	SANITARY SEWER MANHOLE
H	FIRE HYDRANT	S	SLOPE
CA	FLANGE COUPLER ADAPTER	S	SOUTH
ES	FLARED END SECTION (METAL) FLOWLINE	SF	SQUARE FOOT/FEET
LG	FLANGED	SHT STD	SHEET STANDARD
T.	FOOT, FEET	SDR	STANDARD DIMENSION RATIO
TG	FOOTING	SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS
V	FLUSH VALVE	STA	STATION CONSTRUCTION
	DEGREE	SD	STORM DRAIN
	GAS	SDMH	STORM DRAIN MANHOLE
V	GATE VALVE	TBC	TOP BACK OF CURB
В	GRADE BREAK	TOC	TOP OF CURB
DPE ND	HIGH DENSITY POLYETHYLENE	TRPA	TAHOE REGIONAL PLANNING AGENCY
DPE-NP DPE-P	NON—PERFORATED HIGH DENSITY POLYETHYLENE PERFORATED HIGH DENSITY POLYETHYLENE	TW	TOP OF WALL
DFE-F Р	HIGH POINT	TYP	TYPICAL
	HORIZONTAL	UGE UGT	UNDERGROUND TELEPHONE LINES
V., 1101(12.	INCH	VC	UNDERGROUND TELEPHONE LINES VERTICAL CURVE
-	INVERT ELEVATION	VG VG	VALLEY GUTTER
RR.	IRRIGATION	VPC	VALLET GOTTER VERTICAL POINT OF CURVATURE
	LEFT	VPI VPI	VERTICAL POINT OF INFLECTION
EN.	LENGTH	VPT	VERTICAL POINT OF TANGENT
F 	LINEAR FEET	W	WATER
ID	LOW IMPACT DEVELOPMENT	WL	WATERLINE
P	LOW POINT	\A/	WEST

WEST

WATER METER

WITH

LEGEND

NOTE: LEGENDS PROVIDED ON INDIVIDUAL PLAN SHEETS OVERRIDES THIS LEGEND PROPOSED —6695 — MAJOR CONTOUR VEGETATION REMOVAL MINOR CONTOUR AC PAVEMENT —— – – PROPERTY LINE ALIGNMENT DIRT PARKING — — LIMITS OF DISTURBANCE EDGE OF PAVEMENT —— GAS LINE ROCK ──────── WATER LINE — CLF — CONSTRUCTION LIMIT FENCE - X - FILTER FENCE OR COIR LOGS WATER METER/ VALVE RIP RAP/ROCK SLOPE PROTECTION --- SS --- SANITARY SEWER LINE SANITARY SEWER MANHOLE FIRE HYDRANT AC PAVEMENT REMOVAL — ELEC UNDERGROUND ELECTRIC LINE ■ CONCRETE TELE TELEPHONE OR CABLE LINE WASHOE SEPTIC SAND --- SD --- STORM DRAIN TREE CONCRETE ___ EXISTING GRADE (SECTION VIEW) CONTROL POINT

125-382-13 ASSESSOR PARCEL NUMBER 958 TYNER ST. PHYSICAL ADDRESS (PRIVATE LOT) SECTION OR DETAIL IDENTIFICATION - NUMBER OF SHEET ON WHICH SECTION OR DETAIL IS DRAWN SECTION OR DETAIL IDENTIFICATION - SYMBOL FOR DETAIL ON THE SAME SHEET

LETTER FOR SECTION IDENTIFICATION— FROM PAGE (PLAN VIEW) -

→ FROMION → ON PAGE (SECTION VIEW)

UTILITIES

LOW POINT

LUMP SUM

MANHOLE

MAXIMUM

MAX.

CABLE TELEVISION CHARTER COMMUNICATIONS, (775) 588-1077 NATURAL GAS SOUTHWEST GAS, (877) 860-6022 ELECTRIC NV ENERGY, (775) 834-4444 CAVE ROCK/SKYLAND WATER SYSTEM, (775) 782-9989 WATER STORM DRAIN CAVE ROCK ESTATES GID, (775)588-2944 SEWER TAHOE DOUGLAS DISTRICT, (775) 588-5641 PHONE FRONTIER, (775) 782-0966 USA DIGS (800) 642-2444 OR 811

HORIZONTAL AND VERTICAL PROJECTION

VERTICAL CONTROL IS NAVD88, Geoid09; HORIZONTAL CONTROL IS NEVADA STATE PLANE, NAD 83, WEST ZONE (U.S. FEET)

1. ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

ROCK

- 2. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS AND NOTIFY THE RESPECTIVE UTILITY COMPANIES FOR FIELD VERIFICATION PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE UTILITY REMOVALS, RELOCATIONS OR CONNECTIONS TO UTILITIES WITH THE RESPECTIVE UTILITY.
- CONTACT UNDERGROUND SERVICE ALERT AT 1-800-227-2600. 3. DURING CONSTRUCTION ON OR NEAR A PUBLIC STREET OR HIGHWAY, THE CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL CONFORMING TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 4. ALL STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE, CLASS III MINIMUM. PIPE JOINTS SHALL BE RUBBER GASKETED FOR ALL PIPE WITHIN THE PUBLIC ROAD RIGHT-OF-WAY AND ALL ROADWAYS AND TRAVELED WAYS.
- 5. CONTRACTOR SHALL INSTALL AND MAINTAIN BEST MANAGEMENT PRACTICES UNTIL THE COUNTY ISSUES A NOTICE OF COMPLETION.
- 6. ALL STORM DRAIN PIPE AND STRUCTURES SHALL BE CLEANED OF SEDIMENT

DOUGLAS COUNTY UTILITY DIVISION GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS ADOPTED BY DOUGLAS COUNTY. THE OWNER / CONTRACTOR SHALL OBTAIN A PERMIT FROM DOUGLAS COUNTY COMMUNITY DEVELOPMENT PRIOR TO THE START OF CONSTRUCTION.
- 2. ALL TRAFFIC CONTROL AND BARRICADING WITHIN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND THE NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK, 1986 EDITION. NO STREET CLOSURES WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF A TRAFFIC CONTROL PLAN BY THE DOUGLAS COUNTY ENGINEERING DIVISION.
- 3. THE OWNER / CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT "CALL BEFORE YOU DIG" 1-800-227-2600 FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION.
- 4. THE OWNER / CONTRACTOR SHALL CALL DOUGLAS COUNTY ENGINEERING DIVISION (782-6237) FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION. THE OWNER / CONTRACTOR SHALL CALL TWENTY-FOUR (24) HOURS PRIOR TO REQUIRED INSPECTIONS AND TESTING. THE REQUIRED INSPECTIONS AND TESTING ARE LISTED ON THE INSPECTION RECORD ISSUED WITH EACH PERMIT. THE OWNER / CONTRACTOR MUST HAVE THE PERMIT NUMBER AND THE DESCRIPTION LISTED ON THE INSPECTION RECORD TO SCHEDULE REQUIRED INSPECTIONS AND TESTING.
- 5. THE APPROVED PLAN AND PERMIT MUST BE ON THE JOB SITE AT ALL TIMES.

10.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION		NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	
			STORM DRAIN	DOUGLAS COUNTY DATE: 6/07/2007				DOUGLAS COUNTY UTILITY DIVISION	DOUGLAS COUNTY DATE: 6/07/2007
	H	— GENERAL NOTES	DWG: DC D13			-	GENERAL NOTES	DWG: DC B28	





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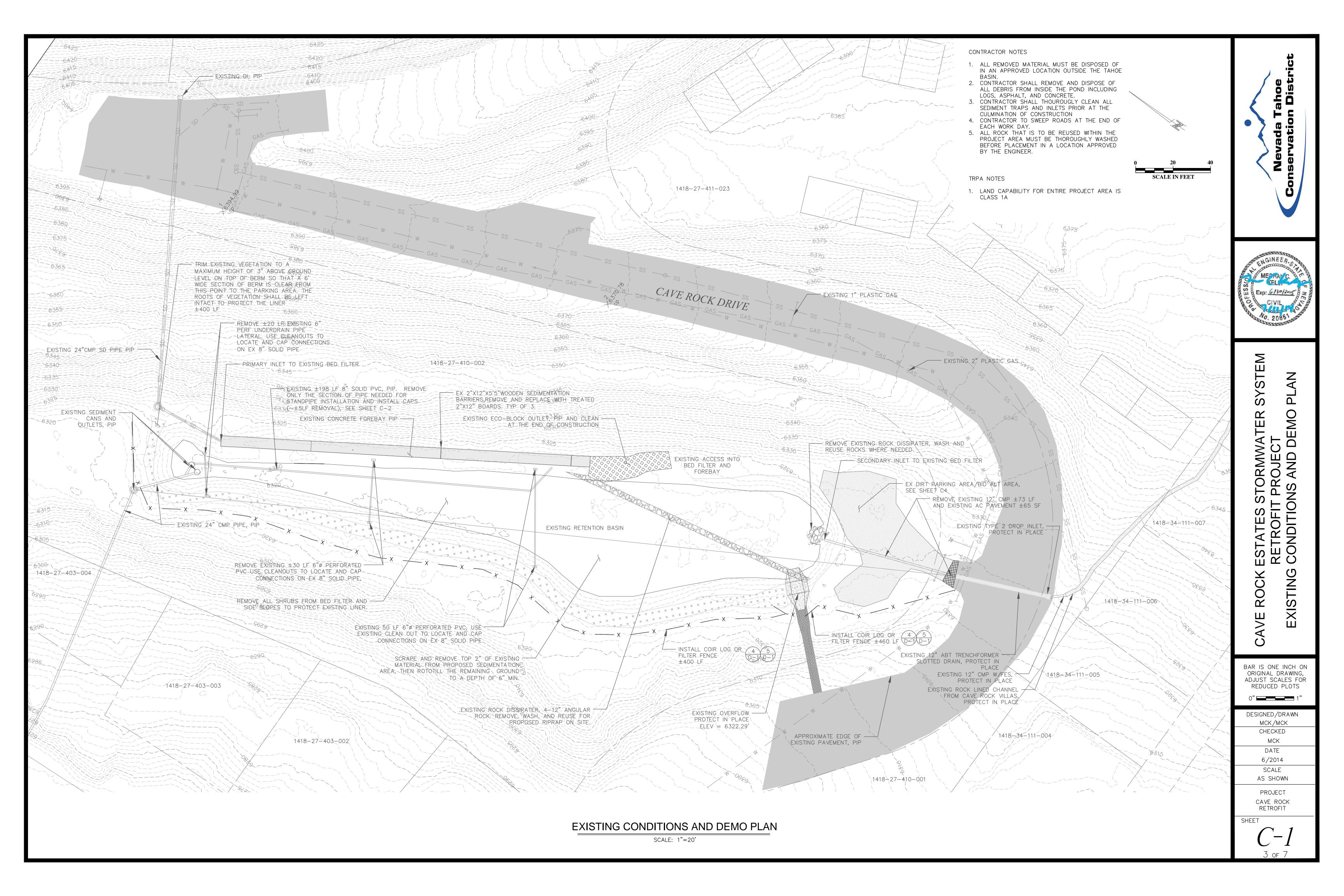
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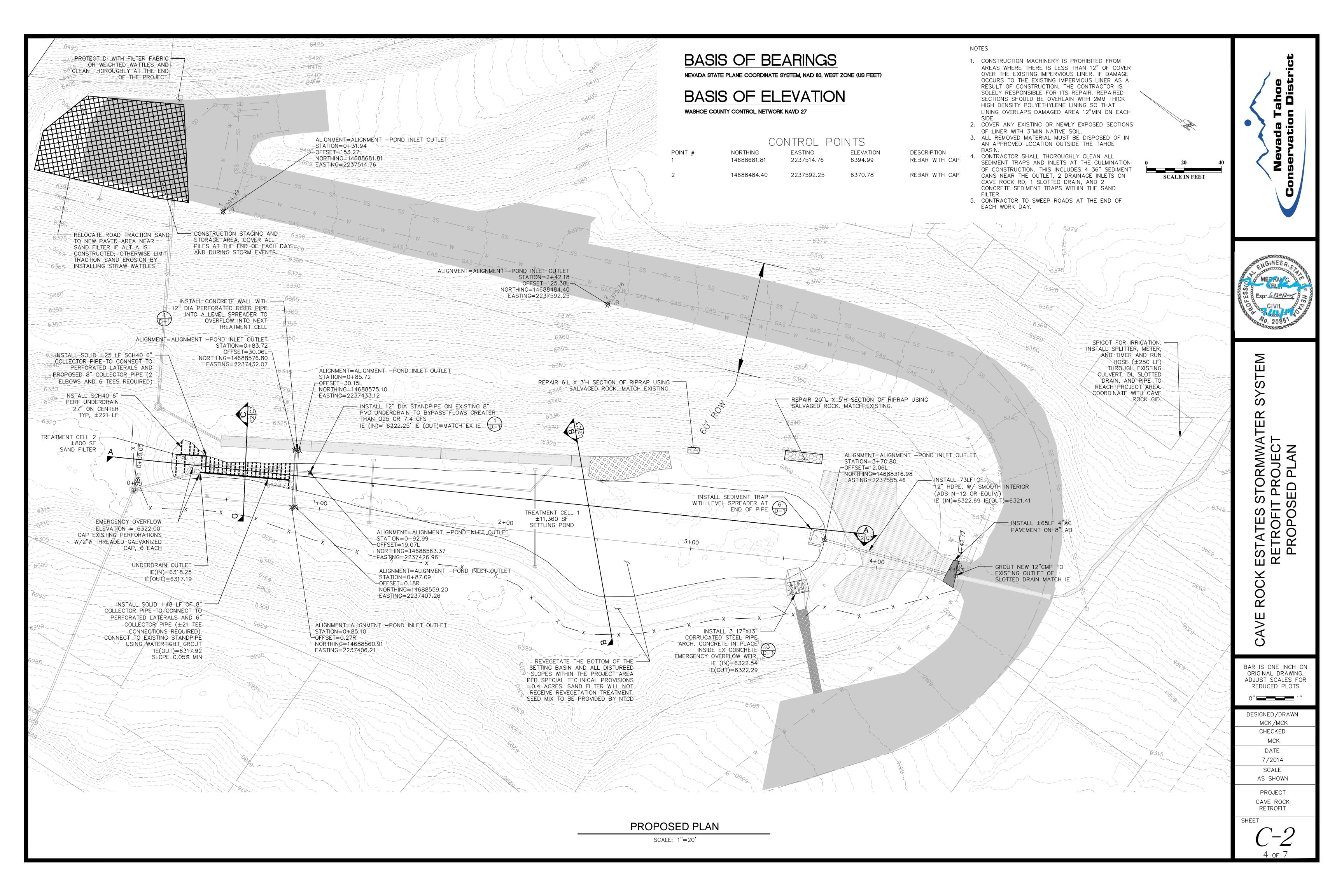
MCK DATE 6/2014 SCALE AS SHOWN PROJECT

RETROFIT SHEET



CAVE ROCK





1. NO EQUIPMENT IS ALLOWED ON AREAS WHERE LESS

IMPERVIOUS LINER. IF THE LINER IS PENETRATED, IT IS SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR IT. SEE NOTES ON SHEET C-2 FOR MORE

THAN 12" OF COVER IS OVER THE EXISTING

INFORMATION.

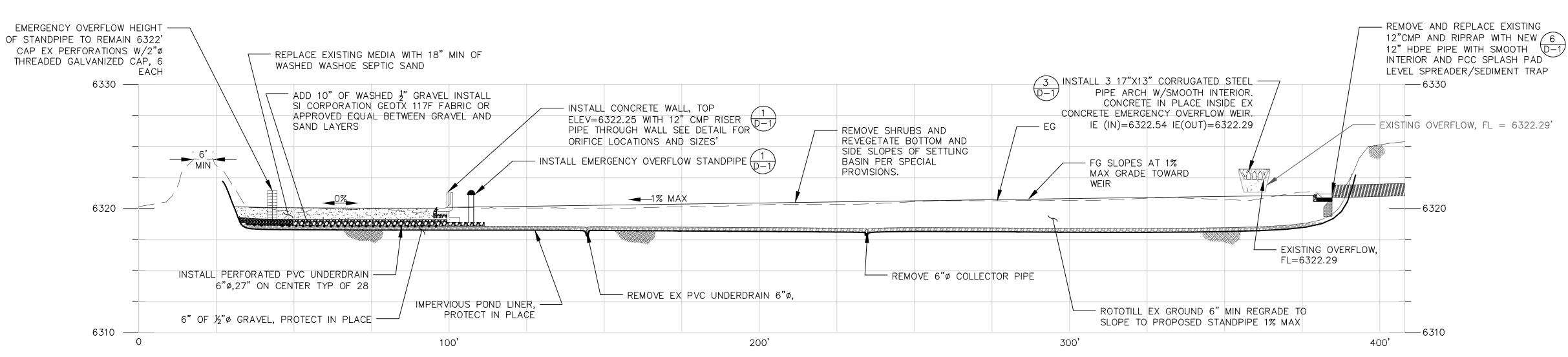
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CAVE

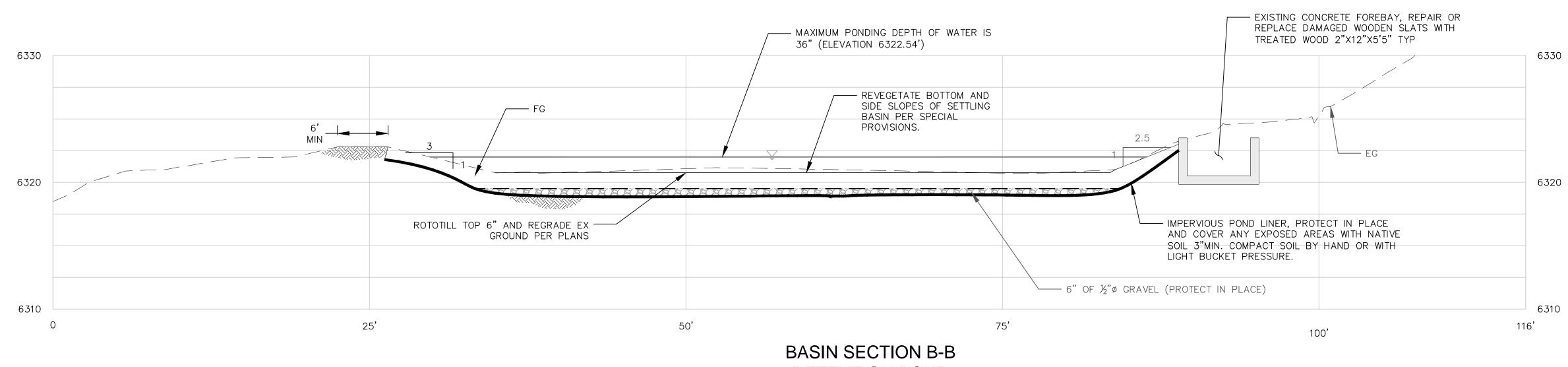
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DESIGNED/DRAWN MCK DATE 7/2014 SCALE AS SHOWN

PROJECT CAVE ROCK RETROFIT

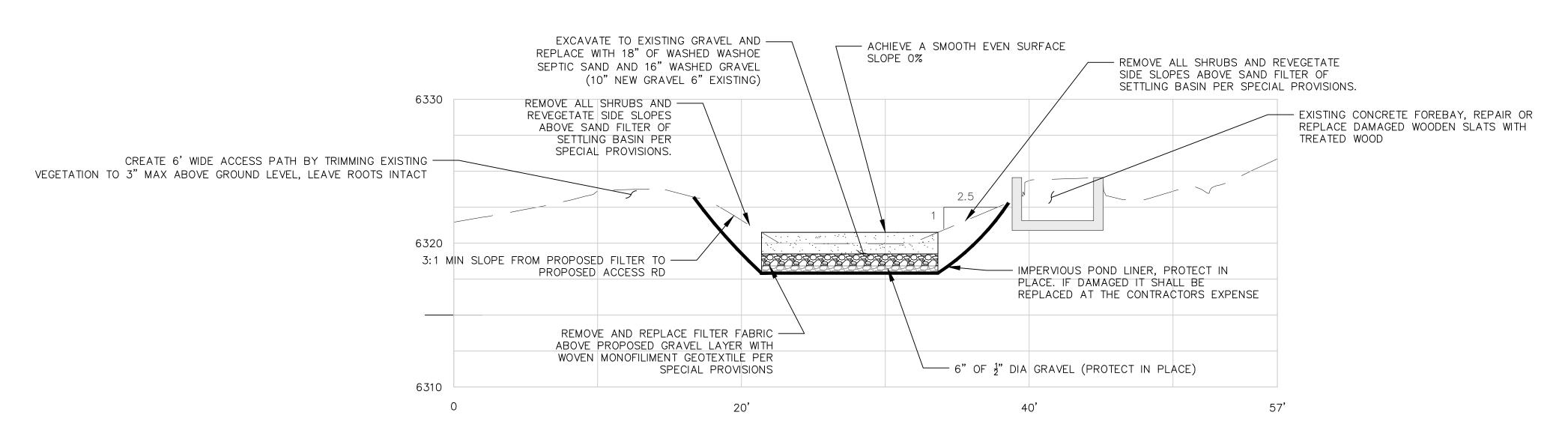


BASIN PROFILE A-A SCALE: 1"=20' HORIZ 1"=5' VERT



DETENTION POND

SCALE = 1" = 5'



BASIN SECTION C-C SAND FILTER

SCALE = 1" = 5"



STORI IT PRO TERNA ESTATES ST RETROFIT F BID ALTER ROCK

BAR IS ONE INCH ON ORIGINAL DRAWING, ADJUST SCALES FOR REDUCED PLOTS

0" ______1

DESIGNED/DRAWN MCK/MCK CHECKED MCK DATE

6/2014 SCALE

AS SHOWN PROJECT CAVE ROCK RETROFIT





E ROCK ESTATES STORMWATER SYS RETROFIT PROJECT DETAILS

BAR IS ONE INCH ON ORIGINAL DRAWING, ADJUST SCALES FOR REDUCED PLOTS

DESIGNED/DRAWN
MCK/MCK
CHECKED
MCK
DATE
7/2014
SCALE

0"

PROJECT CAVE ROCK RETROFIT

AS SHOWN

D-17 of 7