

CK	BY	DESCRIPTION	DATE	REVISION
JEK	JEK	ROUND 1 COMMENTS - CITY	10-16-06	1

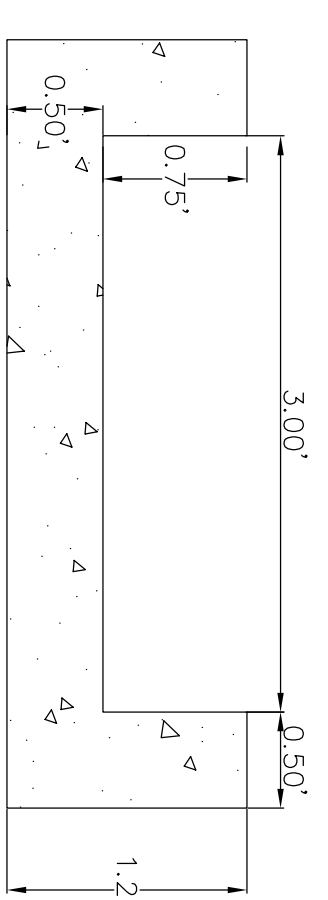
DETENTION BASIN
CUDD PUMPING SERVICES
1558 RIVER ROAD
FRUITA, COLORADO

RHINO ENGINEERING, INC.
1229 N 23RD ST, STE 201
GRAND JUNCTION, CO 81501
970.241.6027 fax 970.256.7992

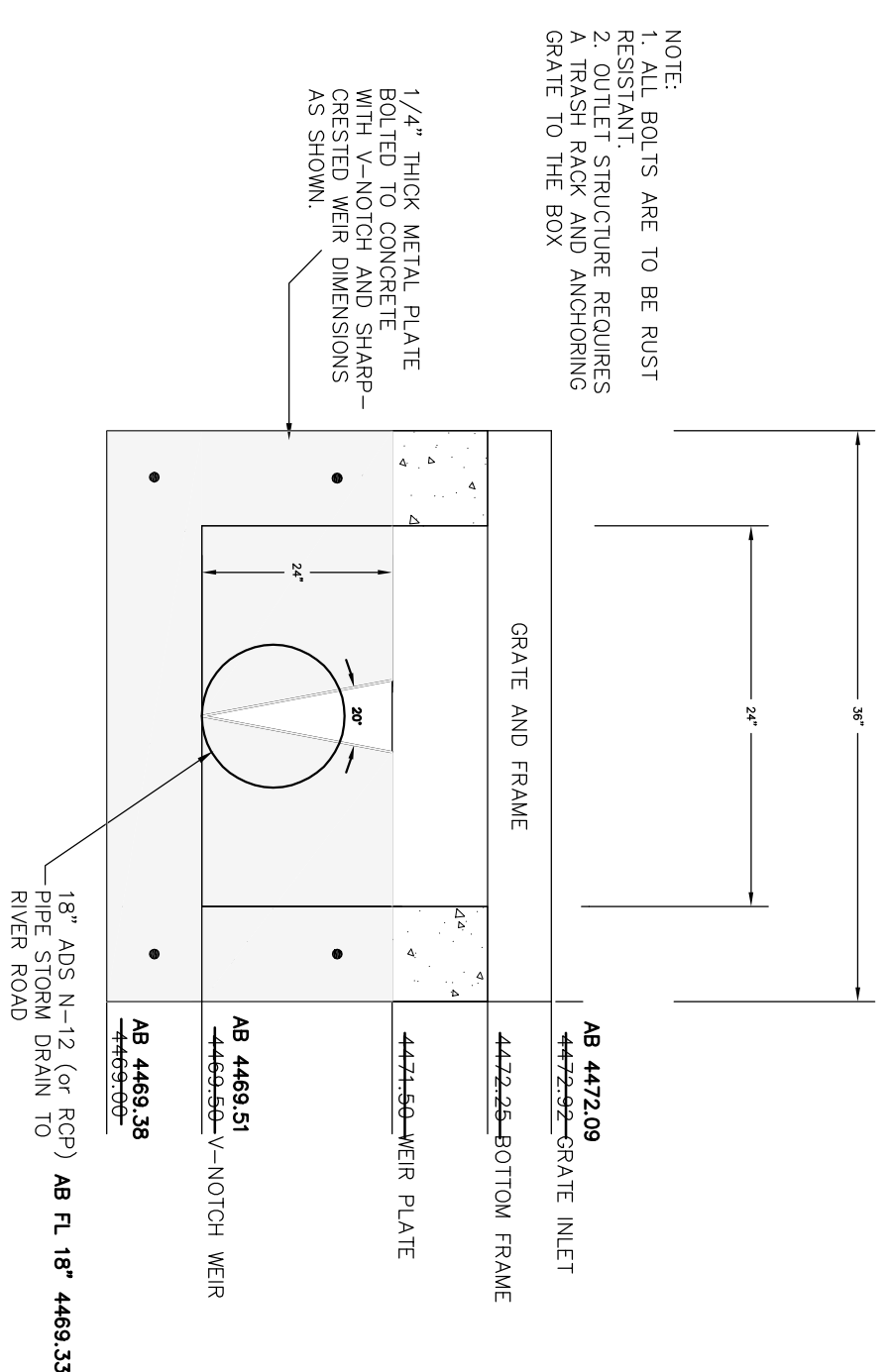
REVIEWED	JEK
DESIGNED	SBB
DATE	5/23/06
SCALE	1" = 30'
PROJECT NO	26021.02
SHEET NO	20

CALL UTILITY NOTIFICATION
CENTER OF COLORADO
1-800-922-1987
CALL 2 BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.

AB CONSTRUCTED PER DESIGN DIMENSIONS



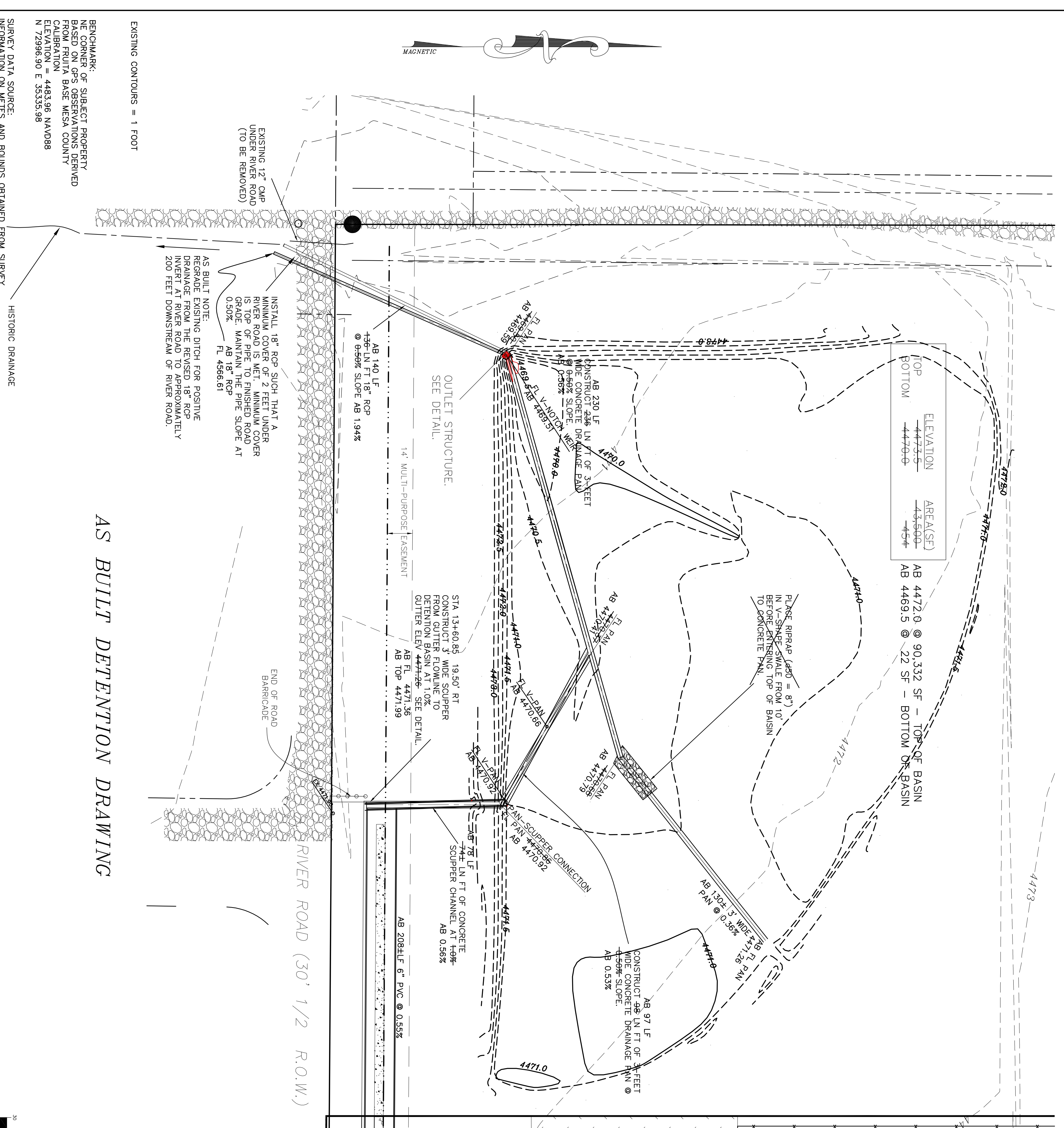
- NOTES
1. CONSTRUCT STRUCTURE 2 FEET DEEP FRONT TO BACK.
 2. SMALL AREA INLET CONCRETE BOX WITH 6" CONCRETE WALLS.
 3. CONTROL OUTLET STRUCTURE BOX WITH SLOPE OF DETENTION BASIN.
 4. FL. OF V-NOTCH SHALL MATCH FL. OF OUTLET PIPE.



NOTE: CASTINGS FC-1927 OR APPROVED EQUAL. GRADE ELEV. 4472.00.

- CONSTRUCTION NOTES:
1. CONSTRUCT DETENTION BASIN PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS AND CURRENT SWM REGULATIONS.
 2. SHAPE BOTTOM (ELEV 4470 TO 4471) AT A 6 TO 1 SLOPE. WITH THE REMAINING SLOPES TO BE 4 TO 1 TO 1 SLOPE.
 3. CONSTRUCT 3-FOOT CONCRETE V-PANS AS SHOWN.
 4. INSTALL OUTLET STRUCTURE PER DETAIL. CONTOUR BASIN TO OUTLET STRUCTURE.

AS BUILT DETENTION DRAWING

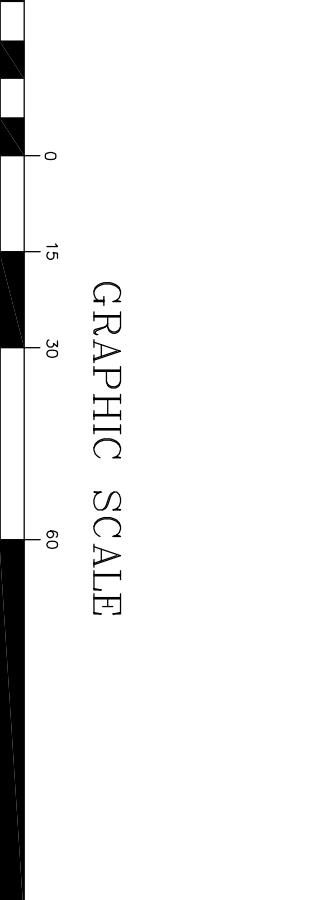


BENCHMARK OF SUBJECT PROPERTY BASED ON GPS OBSERVATIONS DERIVED FROM FRUITA BASE WESA COUNTY CALIBRATION
ELEVATION = 4483.96 NAVD88
N 72996.90 E 35335.98

SURVEY DATA SOURCE:
INFORMATION ON METES AND BOUNDS OBTAINED FROM SURVEY PREPARED BY RICHARD A. MASON PLS. NO. 18489, DATED 7/18/95 AND TILED BOUNDARY SURVEY IN THE SE 1/4 SEC. 12 T1N R3W U. M. FOR LEE SOLLERBAKER WESA COUNTY, COLO.
HISTORIC DRAINAGE

AS BUILT NOTE:
REGRADE EXISTING DITCH FOR POSITIVE DRAINAGE FROM THE REVISED 18" RCP INVERT AT RIVER ROAD TO APPROXIMATELY 200 FEET DOWNSTREAM OF RIVER ROAD.

EXISTING CONTOURS = 1 FOOT



APPROVED FOR CONSTRUCTION FOR ONE YEAR FROM THIS DATE

CITY OF FRUITA ENGINEERING	DATE
ACCEPTED AS CONSTRUCTED	
CITY OF FRUITA ENGINEERING	DATE