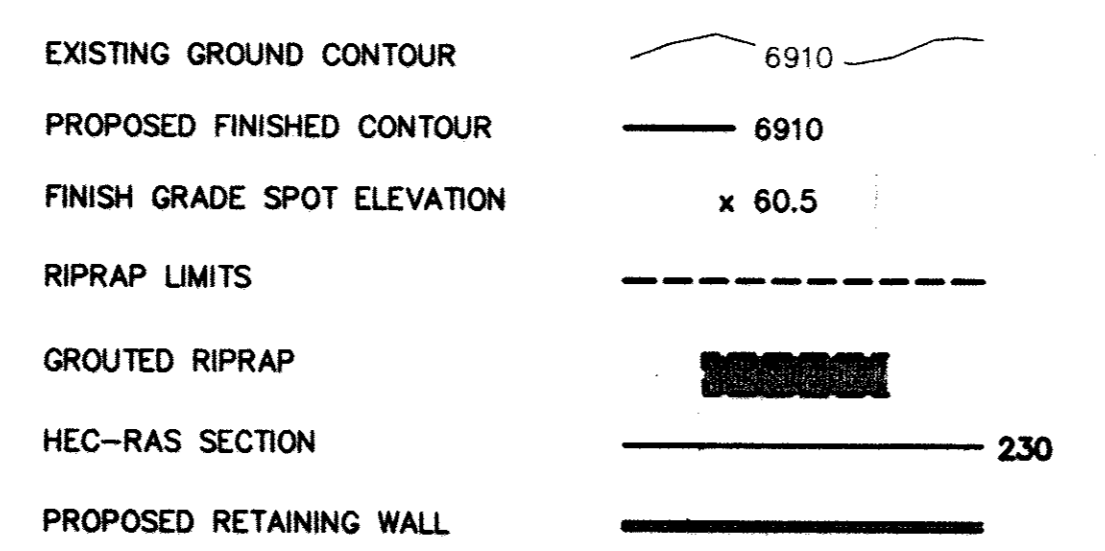


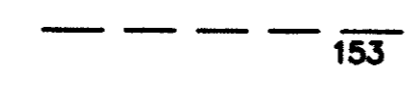
NOTES :

- 1) THE GUARD RAILINGS ALONG THE CART PATHS ABOVE THE CONCRETE CHANNEL SHALL BE OF AN OPEN DESIGN TO ALLOW FREE FLOW OF STORMWATER THROUGH THE CART PATH LEVEL, SUBJECT TO APPROVAL BY JR. ENGINEERING LTD.
- 2) THE STONE FILLETS PROPOSED TO BE APPLIED TO THE LOWER CHANNEL SHALL BE KEPT TO THE LIMITS SHOWN ON SHEET 2, SUBJECT TO APPROVAL BY JR. ENGINEERING LTD.
- 3) SEE SHEETS 2 & 3 FOR SECTIONAL AND PROFILE VIEWS OF THE CHANNEL AND CART PATHS.

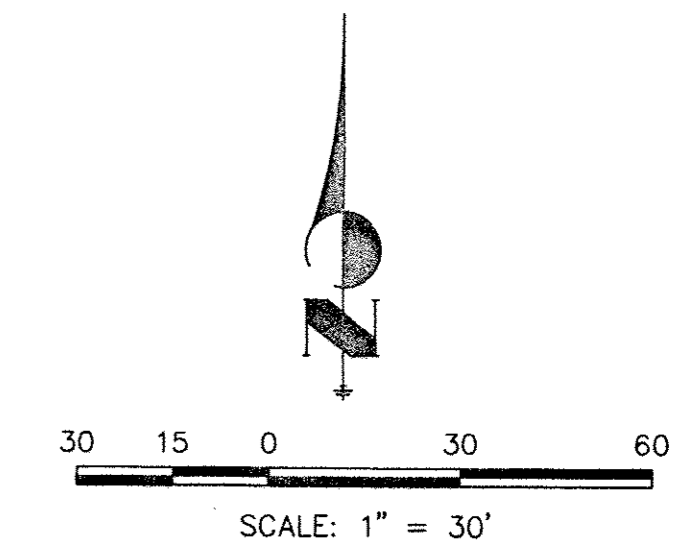
LEGEND



ADDITIONAL HEC-RAS SECTION FOR PROPOSED CONDITION



- 1 FLOW IN THE 54" STORM DRAIN PER "FINAL DRAINAGE REPORT FOR CHAPEL HILLS DRIVE" AT DESIGN POINT 33.
- 2 FLOW IN THE 36" STORM DRAIN PER "MASTER DEVELOPMENT DRAINAGE PLAN FOR VILLAGE CENTER AT PINE CREEK AND PRELIMINARY/FINAL DRAINAGE REPORT FOR VILLAGE CENTER AT PINE CREEK FILING NO. 2 AND PINE CREEK VILLAGE CENTER FILING NO. 1."
- 3 FLOW IN THE 42" STORM DRAIN PER "FINAL DRAINAGE REPORT FOR CHAPEL HILLS DRIVE."



PATH: X:\871614\DRAWINGS\CAP\PATH.DWG
 FILENAME: 871614.C2
 XREFS: 871614.HZ, 871614.EG, 871614.PC
 DATE: 7/24/98

STATEMENT:
 THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN; THE CITY HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.
 RESUBMITTAL REQUIRED IF CONSTRUCTION HAS NOT COMMENCED WITHIN 180 DAYS AFTER REVIEW DATE.

REVIEW:
 STREET DESIGN:
 CURB & GUTTER REVIEW _____ DATE _____
 FINAL REVIEW _____ DATE _____
 DRAINAGE DESIGN: DRAINAGE BASIN
 FILED IN ACCORDANCE WITH SECTION 15-3-906
 OF COLORADO SPRINGS 1980, AS AMENDED
 _____ DATE _____

DESIGN DATA:
 SIDEWALKS: WIDTH: _____
 LOCATION: Attached Detached
 CURB TYPE 1 2 3
 R/W WIDTH _____ F/C-F/C _____
 STREET TYPE _____ HVEEM _____

ASPHALT THICKNESS:
 AC Surface _____
 AC Base _____
 AGG. BASE THICKNESS:
 Class 6 _____
 Class 5 _____
 Class 2 _____

BENCHMARKS:
 A. CUT SQUARE ON THE SOUTHWEST CORNER OF AN ELECTRICAL TRANSFORMER CONCRETE PAD BEING ON THE EAST SIDE OF CHAPEL HILLS DRIVE APPROXIMATELY 135' WESTERLY OF THE SOUTH QUARTER OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 86 WEST, OF THE 6TH PRINCIPLE MERIDIAN. ELEVATION = 6682.89
 B. CUT SQUARE AND CROSS ON THE SOUTHEAST CORNER OF AN ELECTRICAL TRANSFORMER CONCRETE PAD BEING ON THE WEST SIDE OF LEXINGTON DRIVE APPROXIMATELY 75' SOUTH OF CRAYCROFT DRIVE ELEVATION = 6797.06

STATEMENTS:
 A. SEWER-ANY CHANGES OR ALTERATIONS EFFECTING THE GRADE ALIGNMENT, ELEVATION AND DEPTH OF COVER OF SEWERS AND APPURTENANCES SHOWN ON THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
 B. WATER-THIS APPROVAL SUBJECT TO THE FINAL STREET GRADE LEAVING A MINIMUM COVER OF 5'(FIVE FEET) OVER THE WATER MAIN. ANY CHANGES SHALL BE AT THE EXPENSE OF THE OWNER OR DEVELOPER.
 BY: _____

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF JR. ENGINEERING, LTD.
 AUG 07 1998
 KYLE R. CAMPBELL, COLORADO P.E. # 29794

UNTIL SUCH TIME AS THESE PLANS ARE REVIEWED BY THE APPROPRIATE REVIEWING AGENCIES, JR. ENGINEERING, LTD. APPROVES THEIR USE ONLY FOR WRITTEN AUTHORIZATION.	
48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 1-800-922-1987 CITY OF COLORADO SPRINGS DEPT. OF UTILITIES GAS, ELECTRIC, WATER AND WASTEWATER	
JR Engineering, Ltd. 4935 North 30th Street Colorado Springs, Colorado 80919 (719) 589-2593 • FAX (719) 528-6613	
CHAPEL HILLS BRIDGE CHANNEL IMPROVEMENTS DRAINAGE PLAN	SHEET 1 OF 3 JOB NO. 8716.14
SCALE 1"=30' DATE 12/31/96 DES. BY JSB CHK. BY DWN. BY KLT	REVISION NO. BY DATE