

SANITARY SEWER CONSTRUCTION NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CENTRAL GRAND VALLEY SANITATION DISTRICT. THE DISTRICT AND THE CITY OF GRAND JUNCTION RESERVE THE RIGHT TO ACCEPT OR REJECT ANY MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO THEIR STANDARDS AND SPECIFICATIONS.
2. ALL CONCRETE SHALL BE COLORADO DIVISION OF HIGHWAYS CLASS "B".
3. ALL CEMENT USED IN MORTAR, CONCRETE BASES, GRADE RINGS, RISER SECTIONS, CONES AND FLAT TOPS, FOR MANHOLES AND/OR WET WELLS SHALL BE TYPE V OR MODIFIED TYPE II PORTLAND CEMENT WITH LESS THAN 5% TRICALCIUM ALUMINATE.
4. BACKFILL AROUND MANHOLES AND/OR WET WELLS SHALL BE PLACED IN 8" MAX. LIFTS AND COMPACTED TO 95% AASHTO T-99.
5. MANHOLE CONE AND FLAT TOP SECTIONS SHALL BE POSITIONED SUCH THAT THE MANHOLE RING AND COVER IS CENTERED OVER THE MAIN SEWER LINE.
6. SEE MESA COUNTY STANDARD SPECIFICATIONS FOR ROADS AND UTILITIES FOR TESTING REQUIREMENTS.
7. ALL EXISTING PAVEMENT NOT DESIGNATED FOR REMOVAL WHICH IS DAMAGED BY CONSTRUCTION SHALL BE REPLACED IN-KIND BY CONTRACTOR.
8. VEHICULAR TRAFFIC SHALL BE KEPT OFF NEW CONCRETE FOR A MINIMUM OF FIVE DAYS.
9. ALL CONCRETE SHALL BE PROTECTED FROM FREEZING FOR FIVE DAYS AFTER BEING PLACED. NO CONCRETE SHALL BE PLACED ON FROZEN GROUND.
10. ALL SANITARY SEWER PIPE TO BE PVC SDR-35, UNLESS OTHERWISE NOTED.
11. THE CONTRACTOR SHALL HAVE ONE SIGNED COPY OF THE PLANS AND A COPY OF THE CENTRAL GRAND VALLEY SANITATION DISTRICT'S STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES.
12. ALL SEWER MAINS SHALL BE LAID TO GRADE UTILIZING A PIPE "LASER".
13. ALL SERVICE LINE CONNECTIONS TO THE NEW MAIN SHALL BE ACCOMPLISHED WITH FULL-BODY WYES OR TEES. TAPPING SADDLES WILL NOT BE ALLOWED.
14. A MINIMUM OF 10 FOOT SEPARATION SHALL BE MAINTAINED AT ALL TIMES BETWEEN THE WATERLINE AND SEWER LINE (EXCEPT AT CROSSINGS).
15. ALL SEWER SERVICE LINES SHALL EXTEND AT LEAST TEN FEET BEYOND THE PROPERTY LINE WITH A GLUED CAP AND MARKED WITH 2X4 POSTS PAINTED GREEN.

WATER MAIN CONSTRUCTION NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH UTE WATER CONSERVANCY DISTRICT SPECIFICATIONS.
2. ALL CONCRETE SHALL BE COLORADO DIVISION OF HIGHWAYS CLASS "B".
3. SEE CITY OF GRAND JUNCTION STANDARD SPECIFICATIONS FOR ROADS AND UTILITIES FOR TESTING REQUIREMENTS.
4. ALL EXISTING PAVEMENT NOT DESIGNATED FOR REMOVAL WHICH IS DAMAGED BY CONSTRUCTION SHALL BE REPLACED IN-KIND BY CONTRACTOR.
5. ALL CONCRETE SHALL BE PROTECTED FROM FREEZING FOR FIVE DAYS AFTER BEING PLACED. NO CONCRETE SHALL BE PLACED ON FROZEN GROUND.
6. MEASUREMENTS SHOWN ARE TO THE CENTER OF THE FITTINGS OR VALVE.

NOTE: SEE SHEET SW-2 FOR SEWER PROFILES
SEE SHEET SW-3 FOR SEWER DETAILS & FOR THE DETAIL FOR EXISTING MANHOLES
SEE SHEET SW-4 FOR WATER DETAILS

CONTRACTOR TO VERIFY LOCATIONS Sewer taps TVM 11-12-53 - locations as built 7-94
OF ALL EXISTING SERVICE LINES & IS RESPONSIBLE FOR ALL LINE SERVICES DURING CONST.
PRIOR TO CONSTRUCTION OF MAINS
(TYPICAL 18 PLACES)

CONSTRUCTION SCHEDULE	
PHASE I	AMETHYST COURT
PHASE II	RUBY COURT
PHASE III	SAPPHIRE & BOOKCLIFF COURTS
PHASE IV	WELLINGTON AVENUE

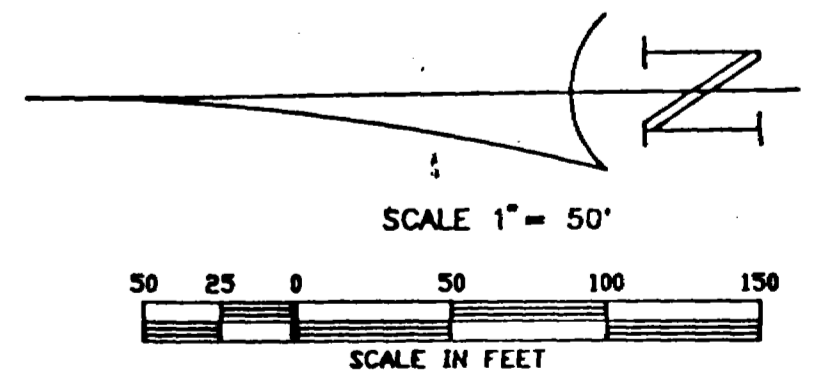
ACCEPTED FOR CONSTRUCTION
BY CENTRAL GRAND VALLEY SAN. DIST.
BY *[Signature]* DATE: 2/11/93

ACCEPTED AS CONSTRUCTED
BY *[Signature]* DATE: 6-9-94

As-BUILTS / SEWER
Phase One (Amethyst Ct & Ruby Ct.)
BY *[Signature]* DATE: 6-9-94
Phase Two (Sapphire Ct & Bookcliff Ct.)
BY *[Signature]* DATE: _____
Phase Three (Wellington Ave.)
BY *[Signature]* DATE: _____
ACCEPTED AND APPROVED BY GRAND VALLEY SAN. DIST.

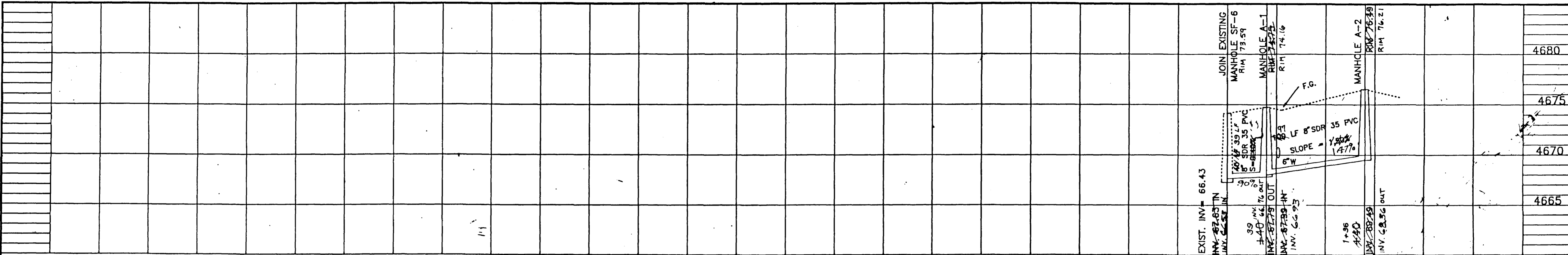
ACCEPTED FOR CONSTRUCTION
BY MESA COUNTY
BY *[Signature]* DATE: 8/17/93

ACCEPTED AS CONSTRUCTED
BY _____ DATE: _____

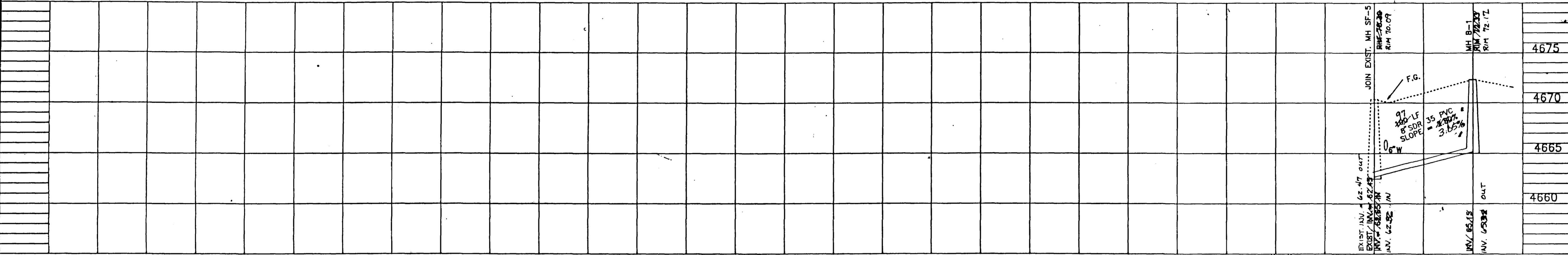


THE BENCH MARK IS THE TOP OF THE FIRE HYDRANT AT THE INTERSECTION OF WELLINGTON AND 29 1/4 ROAD ELEVATION IS 4669.53'
REVISED 8/04/93 AS PER COMMENTS
REVISED 6/25/93 AS PER COMMENTS
REVISED 5/07/93 AS PER COMMENTS

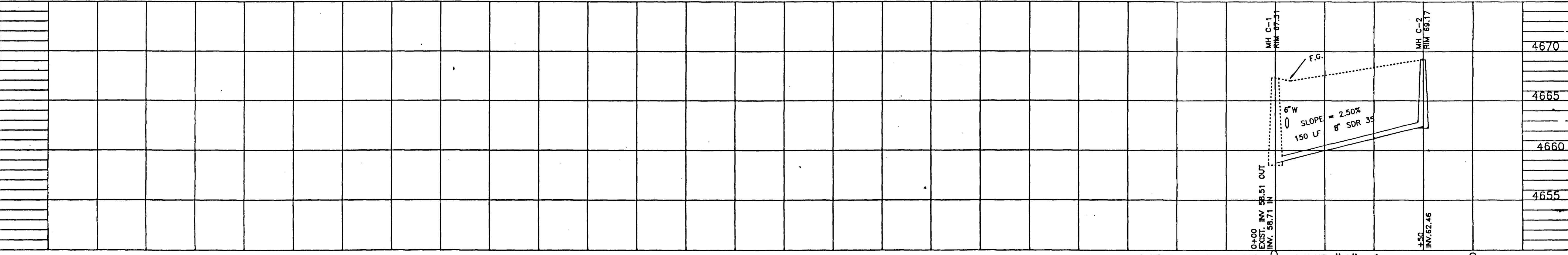
SEWER AND WATER NEW BEGINNINGS	
THOMAS A. LOGUE LAND DEVELOPMENT CONSULTANT	
PROJECT NO. 93-402	SHEET OF
DATE: APRIL 1993	SW-1 3



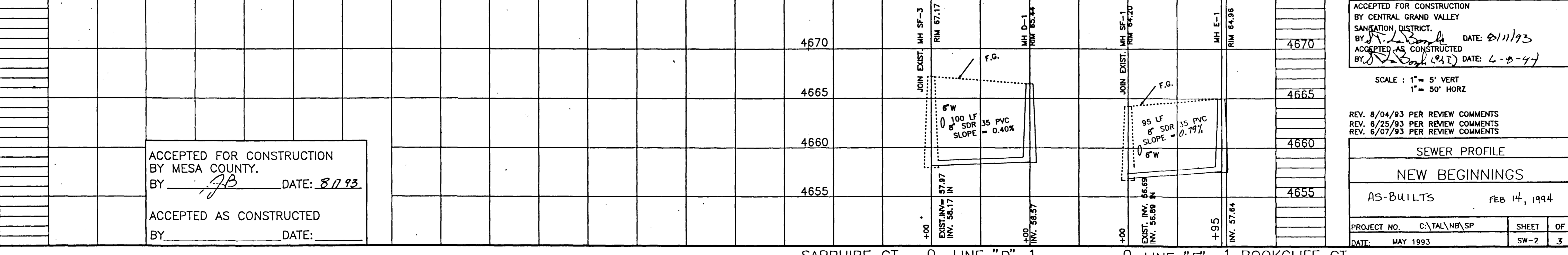
0 LINE "A" 1 AMETHYST 2



RUBY CT. 0 LINE "B" 1



WELLINGTON CT. 0 LINE "C" 1 2



SAPPHIRE CT. 0 LINE "D" 1 0 LINE "E" 1 BOOKCLIFF CT.

ACCEPTED FOR CONSTRUCTION
 BY MESA COUNTY.
 BY JB DATE: 8/7/93
 ACCEPTED AS CONSTRUCTED
 BY _____ DATE: _____

ACCEPTED FOR CONSTRUCTION
 BY CENTRAL GRAND VALLEY
 SANITATION DISTRICT.
 BY [Signature] DATE: 8/11/93
 ACCEPTED AS CONSTRUCTED
 BY [Signature] DATE: 6-8-97

SCALE : 1" = 5' VERT
 1" = 50' HORZ

REV. 8/04/93 PER REVIEW COMMENTS
 REV. 6/25/93 PER REVIEW COMMENTS
 REV. 6/07/93 PER REVIEW COMMENTS

SEWER PROFILE		
NEW BEGINNINGS		
AS-BUILTS		FEB 14, 1994
PROJECT NO. C:\TAL\NB\SP	SHEET	OF
DATE: MAY 1993	SW-2	3