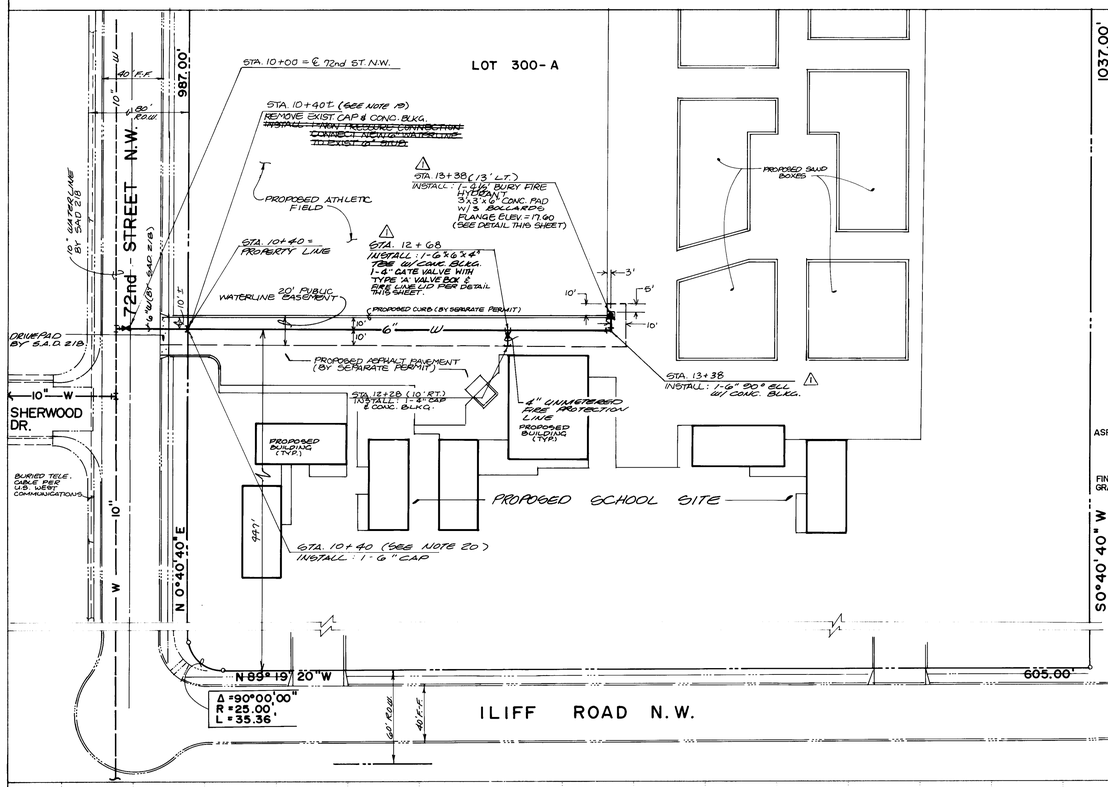
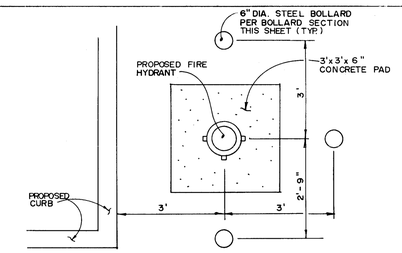
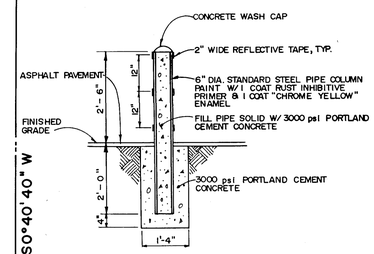




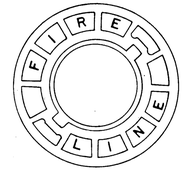
FIRE HYDRANT DETAIL

SCALE : 1" = 2'



BOLLARD SECTION

SCALE : 1" = 2'



FIRE LINE VALVE BOX LID

NO SCALE

WATERLINE NOTES:

10. ALL STATIONING IS BASED ON WATERLINE CENTERLINE UNLESS INDICATED OTHERWISE.

11. THE CONTRACTOR SHALL FURNISH ELECTRONIC MARKER DISKS (EMD) ON ALL WATER SERVICE STUBS, CAPS AND PLUGS.

12. WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE WATER RESOURCES DIVISION.

13. WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0" (TOP OF ASPHALT PAVEMENT TO TOP OF PIPE).

14. ALL PIPE SHALL BE FURNISHED WITH CLASS 'C' BEDDING UNLESS OTHERWISE NOTED. ALL TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 90% OF OPTIMUM, AS PER ASTM D 1557.

15. WHERE SEWER AND WATER LINES CROSS, IF VERTICAL CLEARANCE DOES NOT EXCEED 1'6", THE SEWER LINE SHALL BE CONCRETE ENCASED 10' EACH SIDE OF WATER LINE.

16. FIRE HYDRANTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2340.

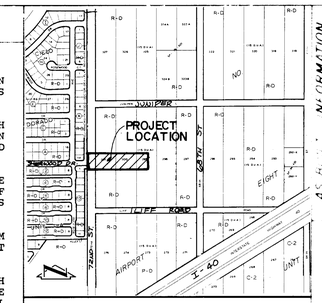
17. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING PAVING FOR CITY-WIDE PAVEMENT CUTS FOR ALL UTILITIES AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2465.

18. VALVE BOXES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2325.

19. SHOULD NEW 6" STUB BE IN PLACE, THE CONTRACTOR SHALL VERIFY THAT NEW VALVE IS CLOSED PRIOR TO NON-PRESSURE CONNECTION.

20. SHOULD NEW 6" STUB NOT BE IN PLACE, THE CONTRACTOR SHALL CAP NEW 6" WATERLINE AT PROPERTY LINE.

21. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.



VICINITY MAP

H-10

SCALE : 1" = 800'

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986.

2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.

5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.

6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.

7. THE CONTRACTOR MUST SUBMIT A CONSTRUCTION SIGNING AND BARRICADING PLAN TO TRAFFIC ENGINEERING TO RECEIVE A BARRICADING PERMIT 48 HOURS PRIOR TO CONSTRUCTION.

8. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.

9. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.

BENCH MARKS

STA. 15 A STANDARD ACS BRASS TABLET STAMPED "14-H10 1960" SET 0.4 FT. ABOVE THE GROUND.
ELEVATION = 5129.20 FT. (M.S.L.D.)

SURVEY FIELD NOTES: N/A

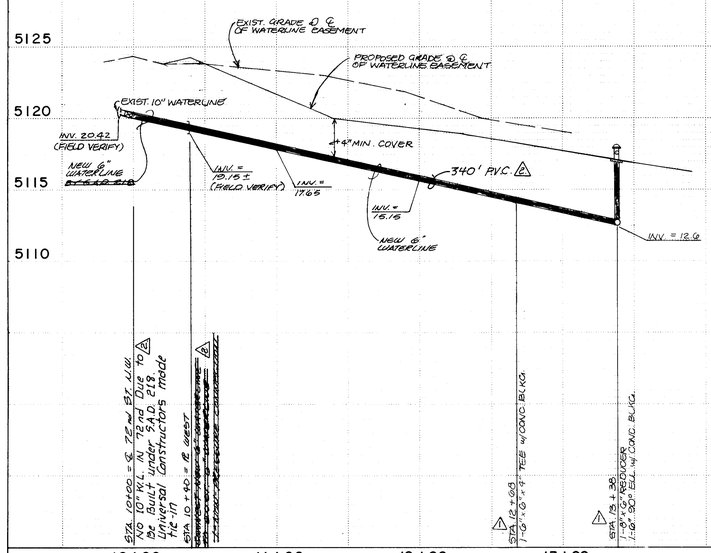
ENGINEER'S CERTIFICATE: N/A

ASCRAFT
M. McPHEW 11/89
EN INFORMATION
MICHAEL M. INFORMATION

NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
4/18/89
12-20-88

DATE	REVISIONS	BY
4/89	REVISE STATIONING OF 6" WATERLINE	L.P.U.
12/89	Revised from As-built Information	EN

		DATE
DESIGN	L.P.U.	12/88
	R.A.R.	12/88
	J.G.M.	12/88



NOTES:
1. WATERLINE EXTENSION TO BE CONSTRUCTED IN CONJUNCTION WITH SCHOOL CONSTRUCTION. INSTALLATION SHOULD FOLLOW COMPLETION OF EARTHWORK OPERATIONS TO ALLOW FOR ADEQUATE DEPTH OF BURY.
2. ALL ITEMS LISTED AS "BY SEPARATE PERMIT" SHALL BE CONSTRUCTED UNDER THE SAME CONTRACT AS THE WATERLINE CONSTRUCTION BUT SHALL NOT BE INCLUDED IN THIS WORK ORDER.

1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 7 0 5 0 1 8 9

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 12/15/89

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
1	C2.5A	Roger A. Green	4/19/89	Wheuerro (W.E.S.D.)	4/19/89		

APPROVAL OF REVISIONS

JOB No. 871853

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: WESTSIDE ELEMENTARY SCHOOL
WATERLINE EXTENSION
STA. 10+40 ± TO STA. 12+98

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic		
A.C.E. Design			Water		
A.C.E. - Hydrology					

DRAWING NO	MAP NO	SHEET	OF
3705	H-10	C2.5A	