

T.B.M.  
RIM OF EXISTING GAS MANHOLE LOCATED  
AT THE INTERSECTION OF LAMBERTON  
PLACE N.E. & BROADBENT PARKWAY N.E. AS  
SHOWN ON THE DRAWING BELOW.  
ELEVATION = 5013.23 FEET (M.S.L.D.)

### VALVE SHUT-OFF PLAN

H-15N

VICINITY MAP

SCALE : 1" = 800

GENERAL NOTES:

- VALVE SHUT-OFF PLAN:

1. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THROTTLE BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
2. CLOSE VALVES 265 & 266 AS SHOWN IN THE CITY OF ALBUQUERQUE WATER RESOURCES DEPARTMENT WATER DISTRIBUTION SYSTEM SECTIONAL MAPS & VESSELS A AS SHOWN BELOW FOR NON PRESSURE CONNECTION IN MENAUL BOULEVARD N.E.
3. CLOSE VALVES B, C, D & E, AS SHOWN BELOW FOR NON PRESSURE CONNECTIONS IN LAMBERTON PLACE N.E.
4. CONTRACTOR SHALL COORDINATE THE WATER SHUT-OFF EXECUTION WITH THE WATER SYSTEMS DEPARTMENT (823-4200) THIRTEEN (3) WORKING DAYS PRIOR TO INITIATING ANY WORK THAT MAY AFFECT THE EXISTING WATER UTILITIES. THE FIRE MARSHALLS (823-1414) SHALL ALSO BE NOTIFIED ABOUT THE LOCATION OF ANY FIRE HYDRANTS(S) THAT WILL BE OUT OF SERVICE FOR ANY PERIOD OF TIME DURING CONSTRUCTION.
5. THE VALVES LISTED ABOVE ARE RECOMMENDED AS MINIMUM REQUIREMENTS. ADDITIONAL VALVES MAY NEED TO BE CLOSED TO REDUCE PRESSURES AND CONTROL THE FLOW OF WATER THROUGH THE EXISTING WATER LINES.

WATERLINE NOTES:

12. ALL LOCATIONS OF EXISTING "B" STUBS AS SHOWN IN LAMBERTON PLACE N.E. ARE BASED ON CITY PROJECT NO. 2697.
13. WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE WATER RESOURCES DIVISION.
14. WATER MAIN SHALL HAVE A MINIMUM COVER OF 4'0".
15. ALL PIPE SHALL BE FURNISHED WITH CLASS "CC" BEDDING UNLESS OTHERWISE SPECIFIED. ALL TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 90% OF OPTIMUM, AS PER ASTM D-1557.
16. 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.
17. FIRE HYDRANTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2340.
18. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING PAVING FOR CITY-WIDE PAVEMENT CUTS FOR ALL UTILITIES AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2465.
19. VALVE BOXES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2325.
20. REFER TO VALVE SHUT-OFF PLAN ABOVE FOR ALL NON-PRESSURE CONNECTIONS.

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 SPECIFICATIONS 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 AT ANY DEPTH. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND SUCH INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF LOCATION OF ANY UTILITY, SIZE OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, AND MAKES NO REPRESENTATION THEREON, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE 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.
10. UNLESS OTHERWISE NOTED, ALL PROPERTY CORNERS SET WITH 5/8" REBAR AND CA L.S. 3243.
11. TRAFFIC CONTROL SHALL BE IN COMPLIANCE WITH SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1996.

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE      BROADBENT BUSINESS PARK - PHASE 6  
FIRE HYDRANT INSTALLATIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Roger A. Wheeler</i>	3/22/89			
Trans. Dev.	"	"			
Utility Dev.	<i>Wherrere</i>	3/20/89			

DRAWING NO. 3762	MAP NO. H-15	SHEET 1 OF 1
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880887

LINE	BEARING	DISTANCE
L1	S 7°41'52" W	16.99

CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	86.89	87°20' 14"	57.00	78.72	S 89°25' 20" E	54.41
C2	26.59	50°47' 19"	30.00	25.73	N 72°18' 13" E	14.24
C3	43.23	82°33' 52"	30.00	39.59	S 8°58' 48" W	26.34
C4	29.88	9°00' 37"	190.00	29.85	S 30°27' 23" W	14.97
C5	99.93	27°15' 51"	210.00	98.99	S 21°19' 51" W	50.93
C6	47.12	90°00' 00"	30.00	42.43	S 52°41' 52" W	30.00