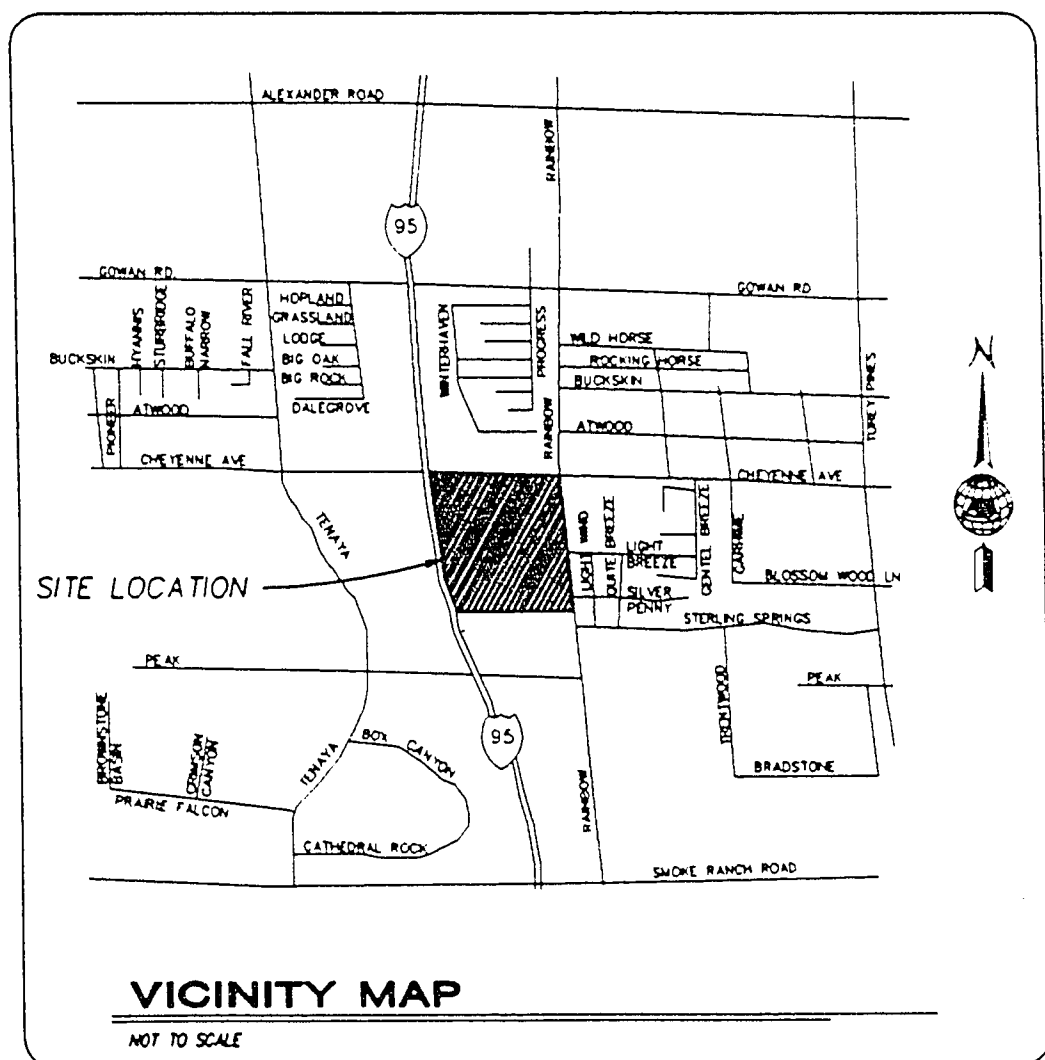
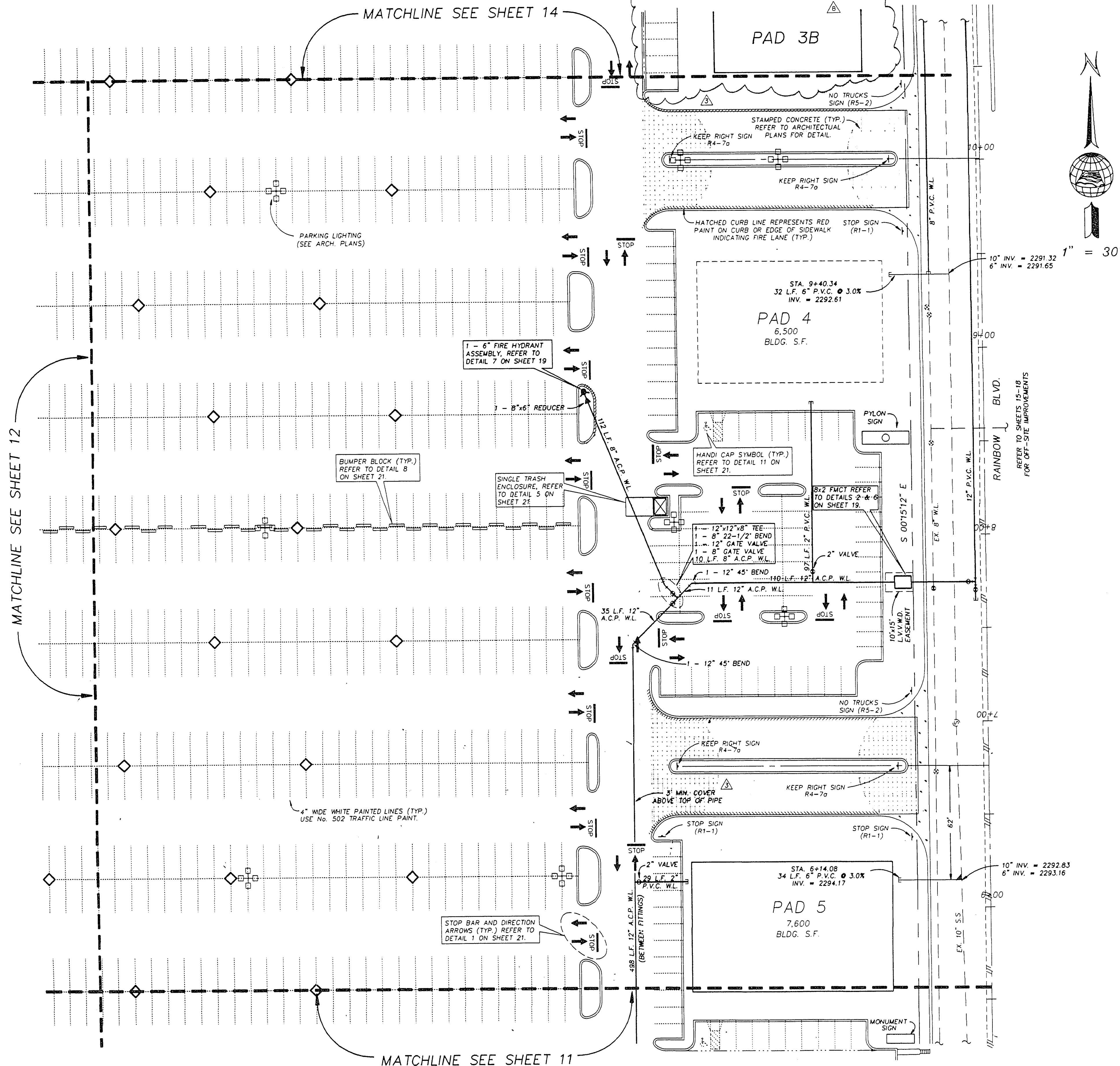


Call before you Dig
1-800-227-2600



LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES

- 1. NO WORK SHALL BE DONE ON THE WATER PLANS UNLESS THEY HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVWD FOLLOWING APPROVAL OF THE PLANS. NOTICE SHALL BE GIVEN TO THE LVWD CUSTOMER SERVICE DEPARTMENT (870-4194) 48 HOURS PRIOR TO ACTUAL CONSTRUCTION, AND 24 HOURS PRIOR TO AN INSPECTION.
- 2. CALL BEFORE YOU DIG: 1-800-227-2600.
- 3. ALL WORK SHALL CONFORM TO LVWD LATEST STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS.
- 4. ALL WORK, EXCEPT AS MODIFIED HEREON OR BY NOTE 3, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR ADDITION OF UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA.
- 5. DISTRICT APPROVED SERVICE SADDLES OR TAPPED COLLARS SHALL BE REQUIRED ON ALL 3/4" AND 1" SERVICE LATERALS. SERVICE SADDLES ONLY SHALL BE PERMITTED ON 1-1/2" AND 2" SERVICE LATERALS. DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
- 6. COPPER SERVICE LATERALS: ALL 3/4" TO 2" SERVICE LATERALS SHALL BE OF COPPER TUBING IN ACCORDANCE WITH THE DISTRICT SPECIFICATIONS AND STANDARD PLATES.
- 7. THE MAXIMUM ALLOWABLE JOINT DEFLECTION FOR A.C.P. AND DUCTILE IRON PIPE SHALL BE AS FOLLOWS:

PIPE SIZES	A.C.P.	DUCTILE IRON
8 INCH	2.5 DEGREES	2.5 DEGREES
10 INCH	2.5 DEGREES	2.5 DEGREES
12 INCH	2.5 DEGREES	2.5 DEGREES
14-18 INCH	2.0 DEGREES	1.5 DEGREES
18-24 INCH	N/A	1.5 DEGREES
- 8. ON P.V.C. PIPE, THE MAXIMUM OFFSET FOR A 20' LENGTH OF FACTORY BELLED PIPE SHALL BE 18 INCHES FOR 8" PIPE, 12 INCHES FOR 10" PIPE, AND 9 INCHES FOR 12" PIPE.
- 9. IF THESE OFFSETS CONFLICT WITH THE PIPE MANUFACTURER'S RECOMMENDATION, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- 10. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
- 11. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS AND VALLEY GUTTERS NO 27 WHERE INDICATED, AND AS FOLLOWS:
 - a) OVER ALL MAINS NOT INSTALLED 6 FEET FROM BACK OF CURB ANGLES TO MAIN.
 - b) OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAIN.
- 12. ALL WATER MAINS SHALL BE DISINFECTED, FLUSHED, AND AN ACCEPTABLE HEALTH DISTRICT SAMPLE OBTAINED PRIOR TO THE CONNECTION OF THE WATER MAINS AND/OR LATERALS TO THE DISTRICT'S SYSTEM.
- 13. CONTRACTOR TO OBTAIN ALL METERS 2" AND SMALLER FROM LVWD CENTRAL STORES. TELEPHONE 258-3152 FORTY-EIGHT (48) HOURS PRIOR TO PICKUP.

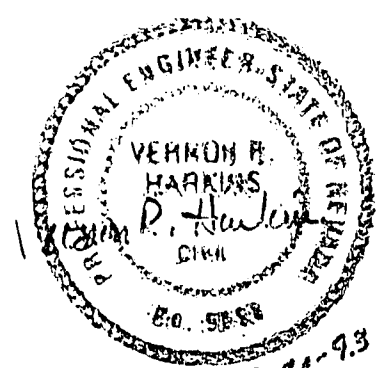
CITY OF LAS VEGAS FIRE DEPT. NOTES

- 1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT "HYDRANT SPECIFICATIONS", "HYDRANT INSTALLATION SPECIFICATIONS", AND ORDINANCE NO. 3545.
- 2. AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
 - A - KENNEDY GUARDIAN
 - B - WUELLER A-425 CENTURION
 - C - CLOW MODEL 354E MEDALLION
- 3. ON ANY NEW HOME OR BUILDING INSTALLATION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMBUSTIBLE CONSTRUCTION COMMENCES, AND SHOWN TO THE FIRE DEPARTMENT IN GOOD WORKING ORDER WITH AN ADEQUATE WATER SUPPLY.
- 4. CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT CENTERLINE OF STREET ADJACENT TO FIRE HYDRANT AS REQUIRED IN ORDINANCE NO. 3545 TO IDENTIFY FIRE HYDRANT LOCATIONS.
- 5. CALL THE LAS VEGAS BUILDING DEPARTMENT AT 799-2071 FOR UNDERGROUND INSPECTION, PRESSURE AND FLUSH VERIFICATION OF ALL FIRE HYDRANTS AND FIRE LINES BEFORE COVERING.
- 6. PAINTING OF THE CURBS AND HYDRANT AND ANY WORK NECESSARY FOR PROTECTION OF HYDRANTS FROM PHYSICAL DAMAGE PER ORDINANCE NO. 3545 SHALL BE COMPLETED BEFORE APPROVAL BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
- 7. A PERMIT IS REQUIRED FROM THE FIRE DEPARTMENT FOR ON-SITE WATER LINE AND FIRE HYDRANT. THE PERMIT AND CONTRACTORS MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING FORM SHALL BE OBTAINED FROM THE FIRE PROTECTION ENGINEER PRIOR TO ANY WORK BEGINNING.
- 8. A FLOW TEST MUST BE WITNESSED BY THE FIRE DEPARTMENT PRIOR TO OCCUPANCY FOR VERIFICATION OF REQUIRED ON-SITE WATER SUPPLY.
- 9. ALL ON-SITE FIRE MAIN MATERIALS MUST BE U.L. LISTED AND F.M. APPROVED.
- 10. FIRE HYDRANT SPACING:
 - RESIDENTIAL - 500 FEET UNSPRINKLERED, 600 FEET SPRINKLERED
 - COMMERCIAL, INCLUDING MULTIFAMILY - 300 FEET UNSPRINKLERED, 400 FEET SPRINKLERED
- 11. NO FIRE HYDRANT SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CUL-DE-SAC OR WITHIN 30 FEET OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
- 12. NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6' OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREETLIGHT, OR ANY OTHER OBSTRUCTION.
- 13. NOT MORE THAN 2 HYDRANTS CAN BE OUT OF SERVICE DUE TO A SINGLE MAIN BREAK.
- 14. THE TURNING RADIUS OF ANY FIRE APPARATUS ACCESS ROAD AND/OR FIRE LANE, PUBLIC OR PRIVATE, SHALL BE NOT LESS THAN 45 FEET OUTSIDE RADIUS AND 22 FEET INSIDE RADIUS.
- 15. A FIRE APPARATUS ROAD SHALL BE REQUIRED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY IS LOCATED MORE THAN 50 FEET FROM A FIRE DEPARTMENT VEHICLE ACCESS (SEE EXCEPTIONS IN U.F.C. 88, SECTION 10.207).
- 16. ALL DEAD END FIRE APPARATUS ACCESS ROADS AND/OR FIRE LINES, PUBLIC OR PRIVATE, IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURNAROUND AREA. SEE ORDINANCE NO. 3545.

ALL "ON-SITE" SEWER IS PRIVATE AND WILL BE MAINTAINED BY THE OWNERS.

Richard A. Brenner 1-16-92
CITY OF LAS VEGAS FIRE DEPT. DATE
Richard A. Brenner

BUILDING DATA	PAD 4	PAD 5
TYPE OF CONSTRUCTION	V-N	V-N
SQUARE FOOTAGE	±6,500	±7,600
NO. OF FLOORS	1	1
PLANNED USE	COMMERCIAL	COMMERCIAL
AUTOMATIC FIRE SPRINKLER SYSTEM	YES	YES



No.	REVISIONS	Date	Invt.	Appr.	Date
1	REVISED CURB AND GUTTER, LANDING, AND STAMPED CAPING II	12/2/91	DA	DA	1-22-92
2	REVISED PAD 3B	8/27/93	VRH	RB	9/11/93

Church Engineering of Nevada, Inc.	6600 W. Charleston Blvd. Las Vegas, NV 89102 (702) 878-6244
CHEYENNE COMMONS	A COMMERCIAL PROPERTY CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

Job Number	7116.250	Drawn by	WGP	Scale	1" = 30'
Sheet Number	13 OF 21	Checked by	RB	File No.	250.IMP
		Date	12-05-91		

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