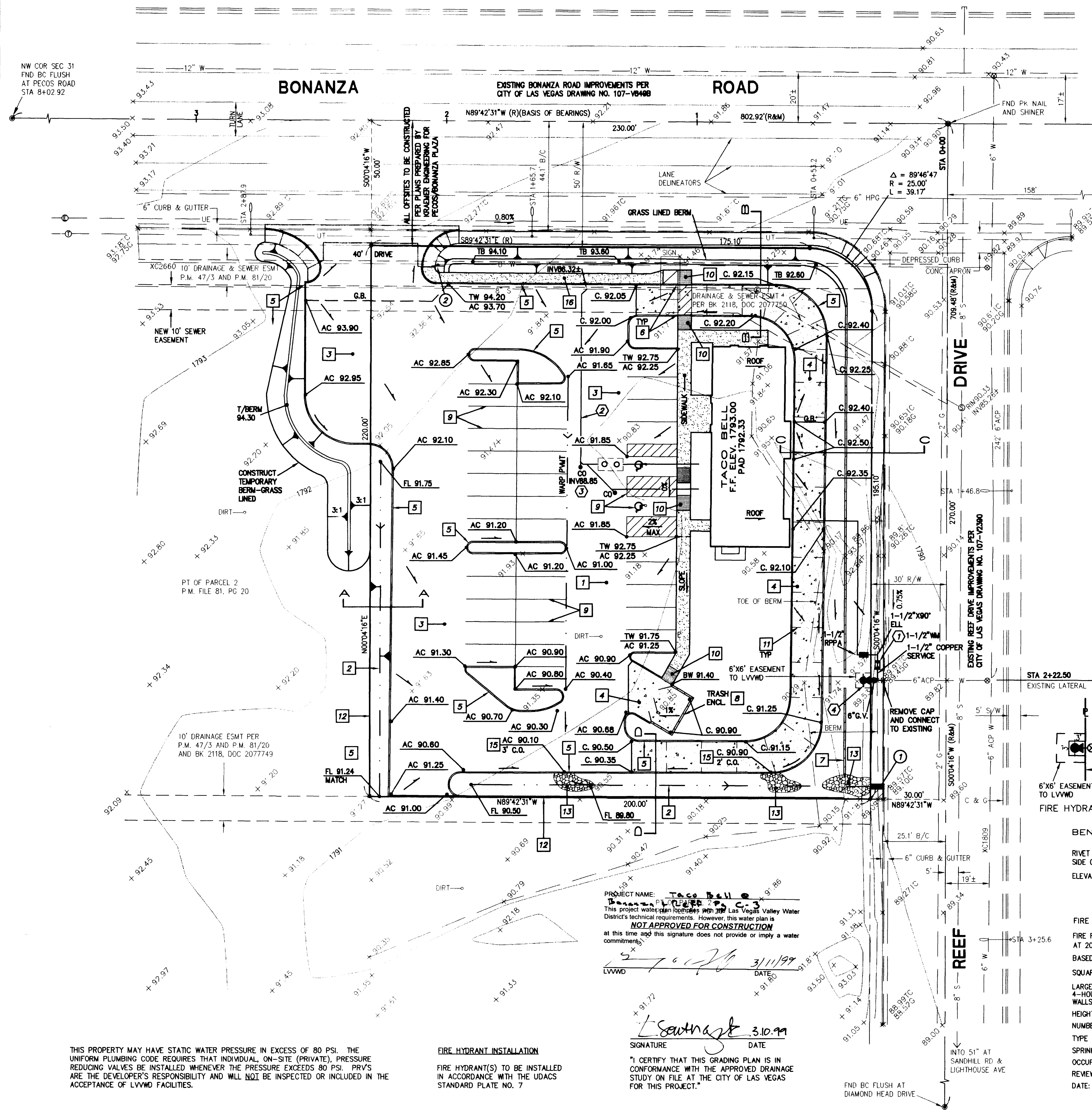




ONSITE CONSTRUCTION NOTES -

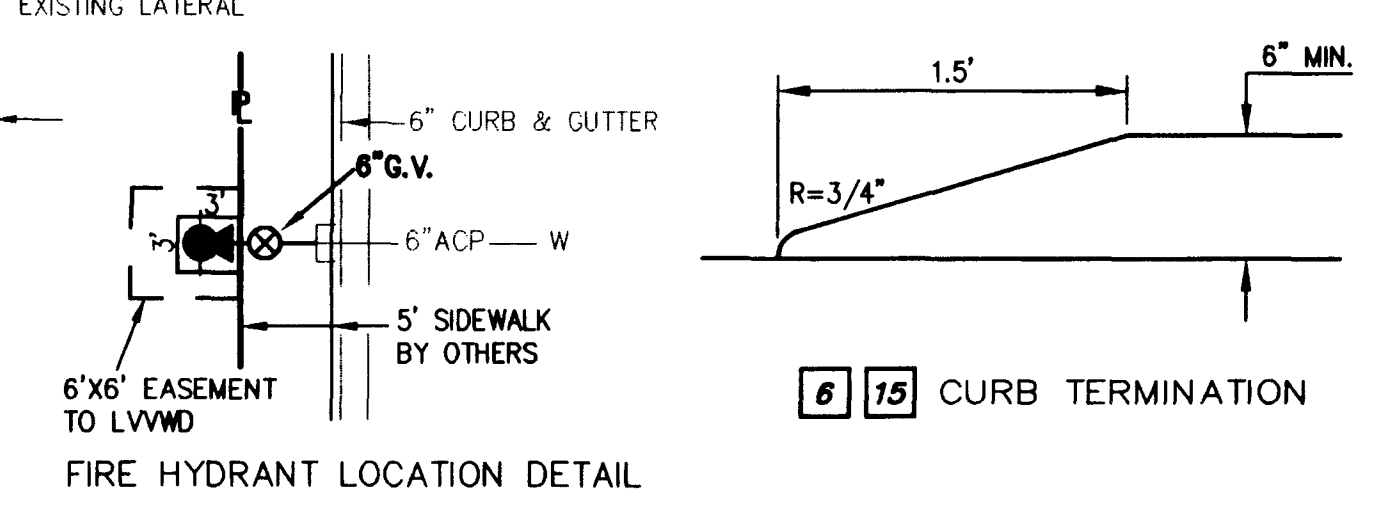
- 1 CLEAR WORK AREA OF EXISTING VEGETATION, AND ANY MISCELLANEOUS ITEMS AS REQUIRED. COORDINATE ANY RELOCATIONS AND ABANDONMENTS OF UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
- 2 CONSTRUCT DRAINAGE FACILITIES AS SHOWN.
- 3 CONSTRUCT 2" A.C. / 6" AGG. BASE, TYPE II PAVEMENT.
- 4 CONSTRUCT 5" OF 3,500 P.S.I. CONCRETE OVER 6" COMPACTED AGGREGATE BASE. APPLY CURING MEMBRANE IMMEDIATELY AFTER TROWLING. THE PAVEMENT SHOULD BE CLOSED TO PASSENGER CAR TRAFFIC FOR AT LEAST THREE FULL DAYS OR UNTIL SUCH TIME THAT THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE IS AT LEAST 75% OF ITS DESIGN STRENGTH. TRAFFIC SHALL BE RESTRICTED TO PASSENGER CARS AND LIGHT TRUCKS FOR AT LEAST SEVEN DAYS AFTER CONCRETE IS PLACED. (COLOR, REINFORCEMENT & JOINTING AS PER ARCHITECTURAL PLANS).
- 5 CONSTRUCT 6" - "A" TYPE ISLAND CURB PER USD NO. 219.
- 6 CONSTRUCT CURB TERMINATION PER DETAIL THIS SHEET.
- 7 CONSTRUCT SCREEN WALL - SEE ARCHITECTURAL PLANS FOR DETAILS.
- 8 CONSTRUCT TRASH ENCLOSURE - SEE ARCHITECTURAL PLANS FOR DETAILS.
- 9 INSTALL ALL PARKING BAY, ACCESSIBILITY STRIPING AND SIGNAGE. ACCESS ROUTES SHALL HAVE MAXIMUM 1:20 SLOPE AND 1:50 CROSS SLOPE.
- 10 CONSTRUCT ACCESSIBILITY RAMP PER A.D.A.G. REQUIREMENTS/STANDARDS. SEE ARCHITECTURAL PLANS FOR DETAILS.
- 11 SAWCUT CONTROL JOINTS 1-1/2" IN DEPTH, 1/4" MAX. WIDTH.
- 12 MATCH EXISTING GRADES ALONG PROPERTY LINES.
- 13 INSTALL DUMPED RIVER RUN ROCK RIPRAP (8" MINIMUM ROCK SIZE) FOR EROSION CONTROL 16" DEEP. INSTALL IN 2-8" LIFTS.
- 14 PAINT CURB RED AND INSTALL "NO PARKING FIRE LANE SIGNS" PER C.L.V. FIRE DEPARTMENT REQUIREMENTS.
- 15 CONSTRUCT CURB OPENING WITH WIDTH PER PLAN USING CURB TERMINATION PER DETAIL THIS SHEET.
- 16 CONSTRUCT 4' WIDE SIDEWALK PER USD NO. 234.

WATER/SEWER CONSTRUCTION NOTES -

- 1 INSTALL 1-1/2" SERVICE AND 1-1/2" WATER METER PER UDACS PLATENO. 1D AND 1-1/2" R.P.P.A. DEVICE PER UDACS PLATE NO. 11A. REFER TO PLUMBING PLANS FOR CONTINUATION.
- 2 INSTALL 6" SEWER SERVICE LATERAL CONNECTION PER STD. D.W.G. SD-17. CONTRACTOR SHALL VERIFY INVERT ELEVATION PRIOR TO COMMENCEMENT OF WORK.
- 3 INSTALL 6" P.V.C. SEWER SERVICE PER ASTM D-3034, SDR 35 STDs. PROVIDE 6" CLEANOUT (CO) TO GRADE AT 100' O.C. MAX. AND PER UPC SECT. 408. STUB OUT TO 5' FROM BUILDING. MINIMUM SLOPE 1% PROVIDE CLEANOUT IN PAVED AREAS WITH VALVE BOX, TRAFFIC BEARING LID AND CONCRETE COLLAR.
- 4 LOCATE EXISTING 6" LINE, REMOVE CAP, CONNECT TO EXISTING AND INSTALL FIRE HYDRANT ASSEMBLY, 6" GATE VALVE AND 6" LATERAL PER UDACS PLATE NO. 7, CONDITION G AND PLATE NO. 8.

OFFSITE CONSTRUCTION NOTES -

- 1 CONSTRUCT SIDEWALK DRAIN PER USD NO. 236.
- 2 INSTALL STOP SIGN (R1-1).



BENCHMARK -

RIVET AND PLATE 1200± WEST OF PECOS ROAD ON THE NORTH SIDE OF BONANZA ROAD - 2LV0125 SSE6.
ELEVATION = 1806.45 FEET OR 550.6082 METERS (CITY OF LAS VEGAS DATUM - NAVD 88).

FIRE FLOW CALCULATIONS -

FIRE FLOW REQUIREMENT IS 1,500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.
BASED ON:
SQUARE FOOTAGE: 2,368 SQUARE FEET
LARGEST AREA BETWEEN WALLS: N/A SQUARE FEET
HEIGHT: 22' FEET
NUMBER OF STORIES: 1 FLOOR
TYPE OF CONSTRUCTION: V-N
SPRINKLER SYSTEM: NO
OCCUPANCY: A-3
REVIEWED BY: [Signature]
DATE: 3.11.99

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT

DATE

SEWER CONTRIBUTION -

11 FIXTURE UNITS x 0.45 ERVS/FIXTURE x 250 GPD/ERV = 1,238 GPD (PEAK)
11 FIXTURE UNITS x 0.45 ERVS/FIXTURE x 100 GPD/ERV = 495 GPD (AVG)

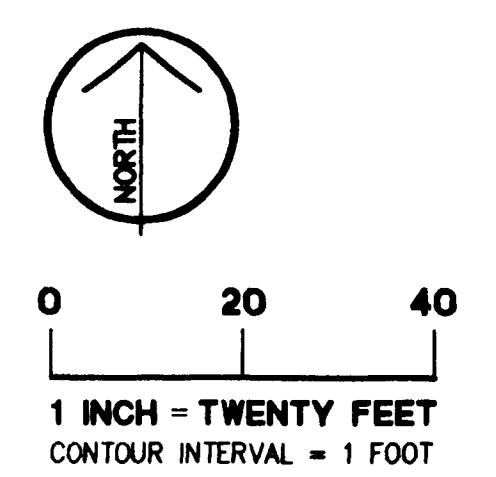
REDUCED PRESSURE ASSEMBLY, (1) 1-1/2":

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(IES) SHALL BE INSTALLED PER THE UDS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVMD.
ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVMD FACILITIES.

FIRE HYDRANT INSTALLATION
FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE NO. 7

PROJECT NAME: **Taco Bell**
This project water plan (including all sheets) was prepared by [Signature] for the City of Las Vegas Valley Water District's technical requirements. However, this water plan is **NOT APPROVED FOR CONSTRUCTION** at this time and this signature does not provide or imply a water commitment.
DATE: 3.11.99
SIGNATURE: [Signature]
DATE: 3.10.99
"I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT."



AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

TACO BELL		SOUTHGATE ASSOCIATES, LIMITED	
LAS CAL CORPORATION 1210 S. VALLEY VIEW BLVD., SUITE 202 LAS VEGAS, NEVADA 89102 702/880-5818		4385 N. 75th Street, Suite 100, Scottsdale, Arizona 85251 Phone (602) 970-0862 Fax (602) 970-0864 Consultants	
GRADING/UTILITY PLAN			
TACO BELL SWC BONANZA ROAD / REEF DRIVE LAS VEGAS, NEVADA			
DRAWN BY: FKV	DESIGNED BY: TFS	CHECKED BY: TFS	DATE: MAY98
JOB #: 97-053603	APN: 140-31-101-004	SECT. 31 T20SR D2E	SCALE: HORIZ 1" = 20' VERT 1" = 2'
SHEET C3 3 OF 3			
DRAWING NO. 107-V2972			

