

CLARK COUNTY PUBLIC WORKS UTILITY NOTES

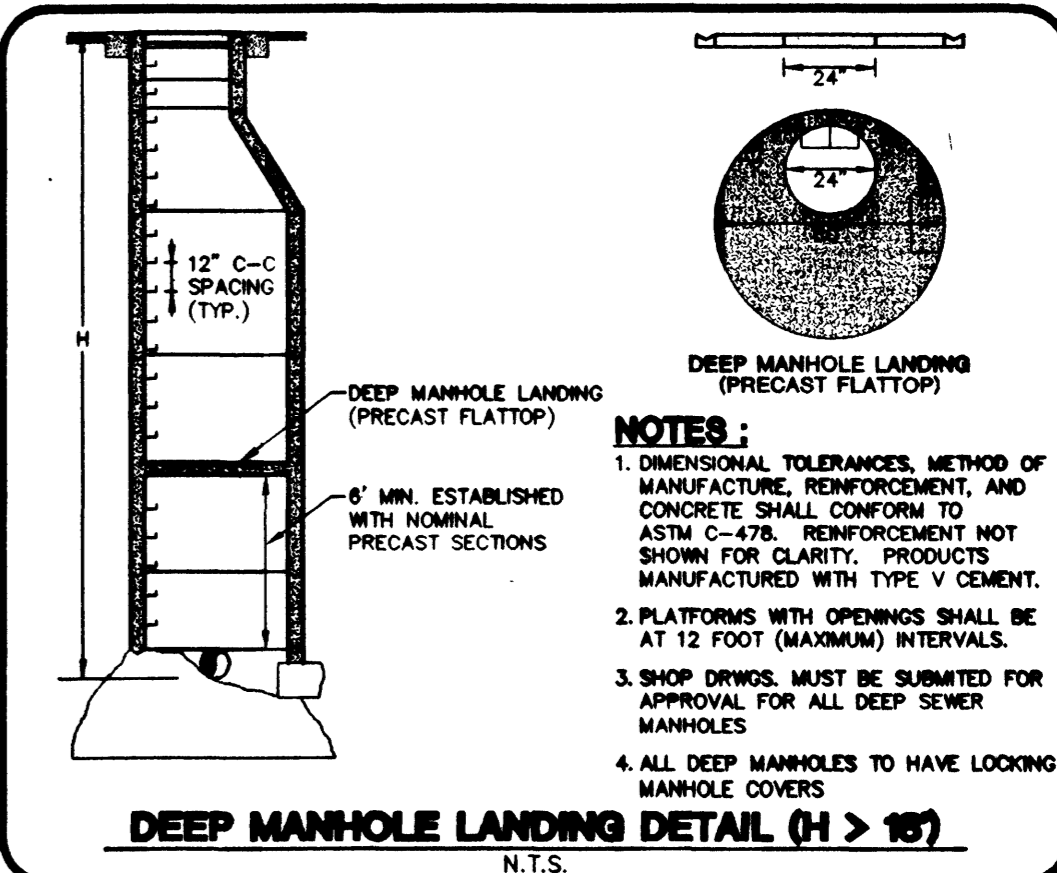
1. INSPECTIONS ARE REQUIRED. CALL 24 HOURS IN ADVANCE, 455-4610.
2. PROPER SIGNS, BARRIERS, BARRICADES AND LIGHTS SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THE LATEST "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AS PUBLISHED BY THE U.S. DEPARTMENT OF COMMERCE.
3. THIS PLAN DOES NOT AUTHORIZE CLOSURE OF ANY ROAD OR STREET.
4. TRAFFIC, SCHOOL OR STREET SIGNS OF ANY KIND ARE NOT TO BE MOVED FOR ANY REASON WITHOUT FIRST OBTAINING PERMISSION FROM THE DEPARTMENT OF PUBLIC WORKS, TRAFFIC MANAGEMENT DIVISION.
5. ALL WORK AUTHORIZED BY THIS PLAN SHALL CONFORM TO THE "UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS, CLARK COUNTY AREA, NEVADA" AND "CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS", LATEST REVISION.
6. NO OPEN TRENCH SHALL BE ALLOWED ACROSS ANY STREET OR WITHIN TEN FEET (10') OF ANY TRAVELWAY, EXCEPT WHEN WORK IS IN ACTUAL PROGRESS. AREAS COVERED BY ACCEPTABLE STEEL PLATES ARE NOT TO BE CONSIDERED AS A TRENCH. NO OPEN TRENCH PERMITTED IN EXCESS OF 300 FEET OR LENGTH NECESSARY TO ACCOMMODATE PIPE INSTALLATION IN A SINGLE DAY, WHICHEVER IS GREATER.
7. A TEMPORARY PATCH IS TO BE IN PLACE AT THE END OF EACH WORK DAY WHERE THE BACKFILL IN THE TRENCH HAS BEEN COMPLETED AND PRIOR TO OPENING THE WORK AREA BACK TO THE TRAFFIC AND IS TO BE MAINTAINED BY THE PERMITTEE. A PERMANENT PATCH IS TO BE IN PLACE WITHIN THIRTY (30) DAYS AFTER THE INSTALLATION OF THE TEMPORARY PATCH.
8. COMPACTION TESTS ARE REQUIRED.
9. YOUR PERMIT, APPROVED PLANS, AND BARRICADE PLANS FOR THIS WORK MUST BE ON THE JOB SITE AT ALL TIMES.
10. ALL TRENCH CROSSINGS AND BACKFILL SHALL MEET THE STANDARD SPECIFICATION UNLESS OTHERWISE STATED.

BENCHMARK

PROJECT VERTICAL DATUM: NAVD88
 CITY OF LAS VEGAS BENCHMARK 11V00-4SEES
 NAVD88 ELEV: 713.8497 METERS (2342.02 FEET)
 RIVET AND PLATE IN TOP OF CURB, NORTHWEST RETURN
 OF ALEXANDER ROAD AND BUFFALO DRIVE.

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY CLARK COUNTY GIS CONTROL POINTS 808, 819, AND 877, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN BOOK 88 OF SURVEYS, AT PAGE 53.



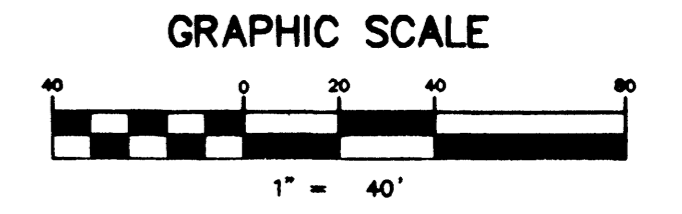
NOTES:

1. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
2. ALTERNATE "B" DESIGN IS FOR BIDDING PURPOSES ONLY, NOT FOR CONSTRUCTION.
3. THE DEPTH OF THE PROPOSED SANITARY SEWER IS REQUIRED TO SERVICE THE PROPERTIES WEST OF THE OF THE FUTURE BELTWAY SOUTH OF ALEXANDER ROAD.
4. C900 PIPE SHALL BE USED FOR ALL SEWER WITH DEPTHS GREATER THAN 25'.
5. STEEL CASING TO BE CONSTRUCTED PER "DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS - 1997" STD. DWG. NO. SD-22. 12" ALT. "A" - 24" STEEL CASING (THICKNESS=0.25") 8" ALT. "B" - 16" STEEL CASING (THICKNESS=0.25") (NOTE: REDWOOD SKIDS NOT ALLOWED. SHOP DRAWINGS FOR SKIDS SHALL BE SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION.)
6. ANY OBLITERATED PAVEMENT MARKINGS ARE TO BE REPLACED WITH CLARK COUNTY APPROVED EQUIVALENT.

CLARK COUNTY GENERAL NOTES

1. EXACT LOCATION OF ALL SAW-CUT LINES SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
2. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING NO. 336, CLARK COUNTY AREA STANDARDS. EXACT LOCATION OF THE RAMPS SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
3. CURBS AND GUTTER WITH A GRADE OF LESS THAN 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE.
4. ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS, CLARK COUNTY AREA, NEVADA AND CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, LATEST REVISION.
5. FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF INCH ABOVE THE TIP OF THE GUTTER (INCLUDING OPEN GRADE).
6. PRIVATE STREETS AND/OR DRIVEWAYS REFLECTED ON THESE PLANS ARE TO BE INSPECTED BY A CLARK COUNTY INSPECTOR.

CLARK COUNTY
 DEPARTMENT OF PUBLIC WORKS
 FOR CLARK COUNTY PORTION
 Accepted as shown by
Jared Blumauer 8/14/10
 Acceptance of these plans for filing shall not be construed to be a permit for or an approval of any violation of any of the provisions of the state or county laws and/or specifications. Clark County shall be held free from damages which may result from the construction of the improvements from the engineering design depicted herein.
 NOTE: Power poles and/or other existing facilities not in proper location based on proposed improvements shown herein will be relocated at no expense to Clark County.



Call before you Dig
 1-800-227-2600

Call before you Overhead
 1-702-593-6111

STANPARK HOMES
 3370 N. BUFFALO DRIVE, SUITE 207
 LAS VEGAS, NEVADA 89129
 PHONE (702)396-3887

SEWER PLAN AND PROFILE
 STA. 17+00.00 TO STA. 26+00.00

LONE MOUNTAIN WEST
 ALEXANDER ROAD
 OFFSITE SEWER

DESIGNED BY: AFY/RAJ/ABD
 CHECKED BY: CRB
 PROJECT NO.: 5545-08-A
 SCALE: 1"=40' HORIZ. 1"=4' VERT.

ENGINEER
 J. CHRISTOPHER GRUBBS
 CIVIL
 No. 13958 NOTED
 7/22/10

SHEET
SS02
 6 OF 7 SHEETS
 DRAWING NO.
 307Y-4678