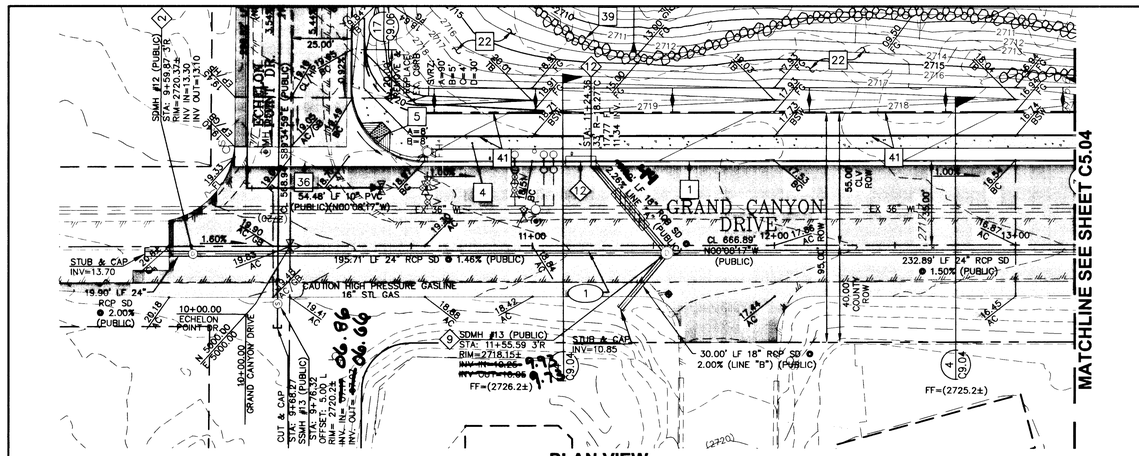


CAUTION: HIGH PRESSURE GAS LINE

CALL SOUTHWEST GAS AT 365-2296 FOR STANDBY 24 HOURS PRIOR TO CONSTRUCTION WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES.

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 inch = 30' ft.

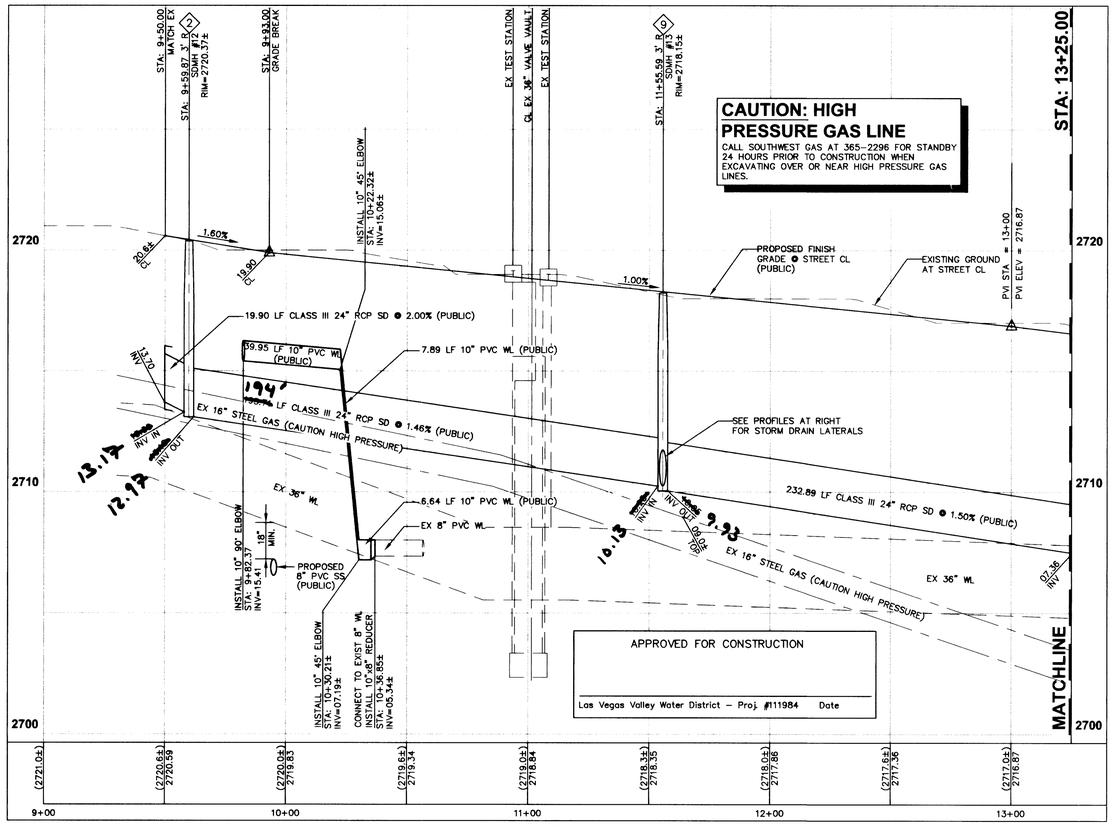
NBD NORTH

CLARK COUNTY DEPARTMENT OF DEVELOPMENT SERVICES:

ACCEPTANCE OF PLANS FOR FILING BY:

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 HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.



CAUTION: HIGH PRESSURE GAS LINE

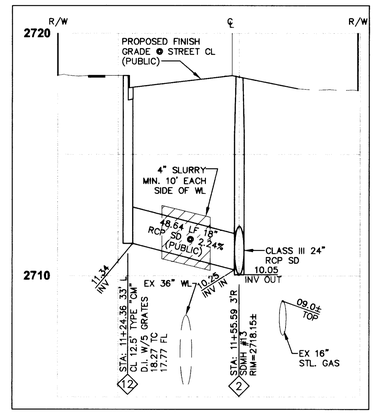
CALL SOUTHWEST GAS AT 365-2296 FOR STANDBY 24 HOURS PRIOR TO CONSTRUCTION WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES.

STORM DRAIN NOTES:

(NOT ALL KEY NOTES ARE USED ON THIS DRAWING)

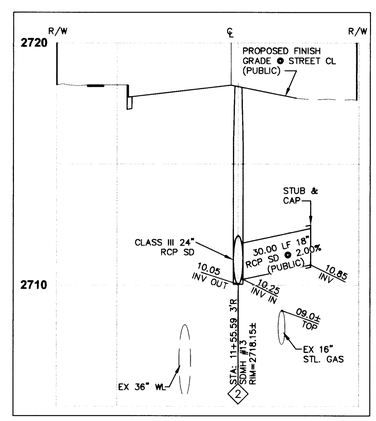
NOTE: ON-SITE STORM DRAIN IS PRIVATELY OWNED AND MAINTAINED

1. INSTALL 72" STANDARD ECCENTRIC MANHOLE PER C.C.A.U.S.D. No. 403 WITH MANHOLE COVER AND RING PER C.C.A.U.S.D. No. 409.
2. INSTALL 48" STANDARD ECCENTRIC MANHOLE PER C.C.A.U.S.D. No. 403 WITH MANHOLE COVER AND RING PER C.C.A.U.S.D. No. 409.
3. INSTALL JENSEN PRECAST 36"x 36" DROP INLET (MODEL No. 4848-HDI) WITH STANDARD TRAFFIC GRATE PER DETAIL 23-C9.03.
4. INSTALL 12" ADS INLINE DRAIN INLET WITH 12" PEDESTRIAN H-10 RATED HINGED LOCKING GRATE PER DETAIL 21-C9.03.
5. INSTALL CLEANOUT PER PLAN WITH NEENAH H-20 TRAFFIC LOAD RATED COVERS OR APPROVED EQUAL.
6. INSTALL 48" STANDARD ECCENTRIC MANHOLE PER C.C.A.U.S.D. No. 403 WITH NEENAH MODEL R-2556-A FRAME AND GRATE.
7. INSTALL A PRECAST TRENCH CHANNEL UNIT EQUIPPED W/6" PVC PIPE VERTICAL OUTLET FOR CONNECTION W/STORM DRAIN PIPING PER DETAIL 22-C9.03. THE CHANNEL UNIT SHALL BE ACO DRAIN K100S CHANNEL W/TYPE 478 GRATE BY ACO POLYMER PRODUCTS OR APPROVED EQUAL.
8. CONNECT STORM DRAIN LATERAL TO BUILDING ROOF DRAIN. REFER TO MECHANICAL AND PLUMBING PLANS FOR CONTINUATION. WHERE BUILDING STUBS ARE 3", 4", AND 5" PROVIDE 6"x3" REDUCER FOR 3", 6"x4" REDUCER FOR 4", AND 6"x5" REDUCER FOR 5".
9. INSTALL 60" STANDARD ECCENTRIC MANHOLE PER C.C.A.U.S.D. No. 403 WITH MANHOLE COVER AND RING PER C.C.A.U.S.D. No. 409.
10. CONSTRUCT STORM DRAIN PIPE CONNECTION WITH CONCRETE CHANNEL WALL PER DETAIL "2" ON SHEET C9.06.
11. INSTALL JENSEN PRECAST 48" X 48" DROP INLET (MODEL NO. 4848 HDI) WITH STANDARD TRAFFIC GRATE PER DETAIL 28-C9.03.
12. INSTALL 12.5' TYPE "CM" D.I. W/ 5 GRATES PER DETAIL 29-C9.03.
13. INSTALL 5' TYPE "CM" D.I. W/ 2 GRATES PER DETAIL 29-C9.03.
14. INSTALL 72" PRECAST MANHOLE PER DETAIL 1 - C3.00 WITH NEENAH MODEL R-2395-1 GRATE AND FRAME.
15. INSTALL 60" STANDARD ECCENTRIC MANHOLE PER C.C.A.U.S.D. No. 406 WITH MANHOLE COVER AND RING PER C.C.A.U.S.D. No. 409.



STORM DRAIN LINE "A"

SCALE: H-1"=30' V-1"=3'



STORM DRAIN LINE "B"

SCALE: H-1"=30' V-1"=3'

GENERAL NOTES:

1. REFER TO THE MASTER SITE PLAN SHEET C2.00 FOR PROPERTY LINE INFORMATION ALONG RIGHT-OF-WAY
2. FOR ADDITIONAL STORM DRAIN SYSTEM AND UTILITY INFORMATION, REFER TO UTILITY SHEETS C3.00 TO C3.04.
3. FOR CURVE/LINE DATA AND SIGHT VISIBILITY RESTRICTION ZONES, REFER TO SHEETS C2.01 TO C2.05.
4. REFER TO ARCHITECTURAL PLANS FOR CHAIN LINK FENCE HEIGHTS.

DEMOLITION NOTES:

1. REMOVE EXISTING AC PAV., MATCH NEW AC PAV. TO EXISTING AC PAV. AT SAWCUT LINE.

CONSTRUCTION NOTES:

(NOT ALL KEY NOTES ARE USED ON THIS DRAWING)

1. CONSTRUCT "L" TYPE CURB AND GUTTER PER C.C.A.U.S.D. #216.
2. CONSTRUCT "A" TYPE CURB PER C.C.A.U.S.D. #219.
3. CONSTRUCT COMMERCIAL/INDUSTRIAL DRIVEWAY PER C.C.A.U.S.D. #225 WITH GEOMETRIC PER C.C.A.U.S.D. #222A. CONSTRUCT 8' CROSS GUTTER PER C.C.A.U.S.D. #228.
4. CONSTRUCT CONCRETE SIDEWALK PER C.C.A.U.S.D. #234.
5. CONSTRUCT SIDEWALK RAMP CASE I PER C.C.A.U.S.D. #235 (DETECTABLE WARNINGS SHALL BE THE FULL DEPTH OF THE RAMP - YELLOW IN COLOR).
6. CONSTRUCT UNDER SIDEWALK DRAIN PER C.C.A.U.S.D. #236.
7. INSTALL PRECAST BUMPER BLOCK PER C.C.A.U.S.D. #238.
8. CONSTRUCT MOW CURB PER DETAIL 5-C9.01.
9. CONSTRUCT SIDEWALK RAMP PER DETAIL 6-C9.01.
10. CONSTRUCT FENCE WITH MOW CURB PER DETAIL 7-C9.01.
11. CONSTRUCT MODIFIED "L" CURB AND GUTTER PER DETAIL 8-C9.01.
12. CONSTRUCT MAZE PER DETAIL 9-C9.01.
13. CONSTRUCT CONCRETE IN AREA SHOWN SHADED PER DETAIL 12-C9.02.
14. CONSTRUCT CONCRETE SIDEWALK PER DETAIL 13-C9.02, REFER TO THE ARCHITECTURAL PLANS FOR CONTROL JOINT PATTERN.
15. CONSTRUCT LIGHT AC PAVEMENT PER DETAIL 14-C9.02.
16. REFER TO SHEET C9.04 FOR STREET SECTIONS.
17. CONSTRUCT TENNIS COURT AC PAVEMENT PER DETAIL 16-C9.02.
18. CONSTRUCT 2' WIDE CONCRETE FLUME PER DETAIL 19-C9.02.
19. CONSTRUCT SIDEWALK RAMP CASE II PER C.C.A.U.S.D. #235 (DETECTABLE WARNINGS SHALL BE THE FULL DEPTH OF THE RAMP - YELLOW IN COLOR).
20. REFER TO ARCHITECTURAL SITE DETAILS FOR PLANTER SECTIONS.
21. (NOT USED)
22. LANDSCAPE AREA, SEE LANDSCAPE ARCHITECT PLANS.
23. REFER TO COURTYARD GRADING PLAN ON SHEET C4.05.
24. CONSTRUCT MODIFIED "A" CURB PER DETAIL 20-C9.02.
25. CONSTRUCT 6' WIDE CONCRETE FLUME SIMILAR TO DETAIL 19-C9.02.
26. CONSTRUCT 3' VALLEY GUTTER PER DETAIL 17-C9.02.
27. INSTALL 72" STANDARD ECCENTRIC MANHOLE PER C.C.A.U.S.D. No. 403 WITH MANHOLE COVER AND RING PER C.C.A.U.S.D. No. 409.
28. INSTALL 48" STANDARD ECCENTRIC MANHOLE PER C.C.A.U.S.D. No. 403 WITH MANHOLE COVER AND RING PER C.C.A.U.S.D. No. 409.
29. INSTALL CLEANOUT PER PLAN WITH NEENAH H-20 TRAFFIC LOAD RATED COVERS OR APPROVED EQUAL.
30. INSTALL 60" STANDARD ECCENTRIC MANHOLE PER C.C.A.U.S.D. No. 403 WITH MANHOLE COVER AND RING PER C.C.A.U.S.D. No. 409.
31. CONSTRUCT RETAINING WALL PER HORIZONTAL CONTROL PLANS C2.00 - C2.05 AND PER RETAINING WALL PROFILE SHEETS C10.00 - C10.04.
32. INSTALL 12" ADS INLINE DRAIN INLET WITH 12" PEDESTRIAN H-10 RATED HINGED LOCKING GRATE PER DETAIL 21-C9.03.
33. INSTALL A PRECAST TRENCH CHANNEL UNIT EQUIPPED W/6" PVC PIPE VERTICAL OUTLET FOR CONNECTION W/STORM DRAIN PIPING PER DETAIL 22-C9.03. THE CHANNEL UNIT SHALL BE ACO DRAIN K100S CHANNEL W/TYPE 478 GRATE BY ACO POLYMER PRODUCTS OR APPROVED EQUAL.
34. ADJUST WATER VALVE BOX TO FINISHED GRADE PER U.D.A.C.S. PLATE No. 8.
35. CONSTRUCT HEAVY AC PAVEMENT PER DETAIL 15-C9.02.
36. CONSTRUCT 8' CROSS GUTTER PER CCAUSD #228
37. CONSTRUCT SIDEWALK PER TOWN CENTER DEVELOPMENT STANDARDS.
38. NOT USED.
39. CONSTRUCT ROCK WALL PER LANDSCAPE ARCHITECTS PLANS.
40. REMOVE AND REPLACE EX AC PER TRENCH SECTION DETAIL 5-C9.04.
41. CONSTRUCT 5'-0" PVC FENCE PER ARCHITECT PLANS.
42. CONSTRUCT EQUESTRIAN TRAIL PER ARCHITECTS PLANS.

BENCHMARK:

CITY OF LAS VEGAS BENCHMARK #BLV90-19C4

CITY OF LAS VEGAS PIN AND ROUND ALUMINUM PLATE IN CONCRETE PAD, ±200' NORTHWEST OF DEER SPRINGS AND GRAND CANYON DR.

ELEVATION = 832.7831 METERS, 2732.22 FEET (NAVD 88)

BASIS OF BEARINGS:

SOUTH 89°38'06" EAST BEING THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 19, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN PER RECORD OF SURVEY FILE 89, PAGE 3.

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS, IT'S COSTLY!

Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS and
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

Avoid overhead power line contact. It's costly.
Call before you OVERHEAD
1-702-593-6111

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600

LEGEND

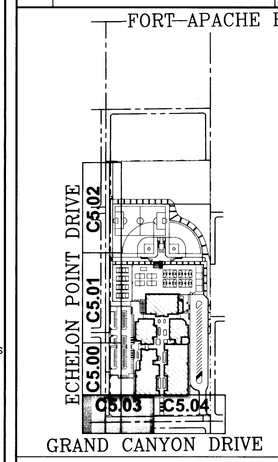
CL OR SURVEY LINE · PROPERTY LINE · ROW LINE · EASEMENT LINE · SAWCUT LINE · SCARP LINE · HEAVY AC PV. · LIGHT AC PV. · HEAVY CONC. PV. · LIGHT CONC. PV.

MANHOLES & DESCRIPTIONS: (S) = SANITARY SEWER; (D) = STORM DRAIN; (E) = ELECTRICAL; (T) = TELEPHONE

CAP · DESCRIPTION: EXISTING: PROPOSED: · BO VALVE · CLEAN OUT · FDC · FIRE HYDRANT · GATE VALVE · REDUCER · 100w HPS STREETLIGHT · 150w HPS STREETLIGHT · 200w HPS STREETLIGHT · 250w HPS STREETLIGHT · 400w HPS STREETLIGHT · 5' CONTOUR LINE (2210) 2210 · 1' CONTOUR LINE 2211 · EDGE OF PVMT. · "A" TYPE CURBS · "L" TYPE CURBS · WALLS · FENCES · SPOT ELEVATIONS (12.3±) BC, 12.34 BC · SIGNS

REVISIONS

REV.	DESCRIPTION	DATE	BY



KEY MAP
N.T.S.

(AS-BUILTS)

DO NOT SCALE DRAWINGS

SEAL

CCSD PROJECT NO.	1512
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	01/18/06
DRAWN BY	JSG
CHECKED BY	MK
SUBMITTAL	BID
A/E PROJECT NO.	02199

Nevada By Design
ENGINEERING CONSULTANTS
5555 E. Flamingo, Ste. 201
Las Vegas, NV 89122
Phone (702) 436-1055 Fax (702) 436-1030
www.nevadabydesign.com

WELLES · PUGELEY ARCHITECTS L.L.C.
2490 e. tompkins avenue, suite 222, las vegas, nevada 89121
ph. 702.435.1150 fax. 702.435.7699 e-mail: wellespugeleyarchitect.com

© 2002

CLARK COUNTY SCHOOL DISTRICT
CONSTRUCTION MANAGEMENT 4828 PEARL STREET LAS VEGAS, NEVADA 89121

PROJECT: GRAND CANYON / ROME MIDDLE SCHOOL
SOUTHEAST CORNER OF GRAND CANYON DRIVE AND ECHELON POINT DRIVE

DRAWING TITLE: GRAND CANYON DRIVE BEGIN STA: TO 13+25

SHEET NO. C5.03
SHEET 24 of 51

CLV DWG. NO. 715-163
HTE #06-19436