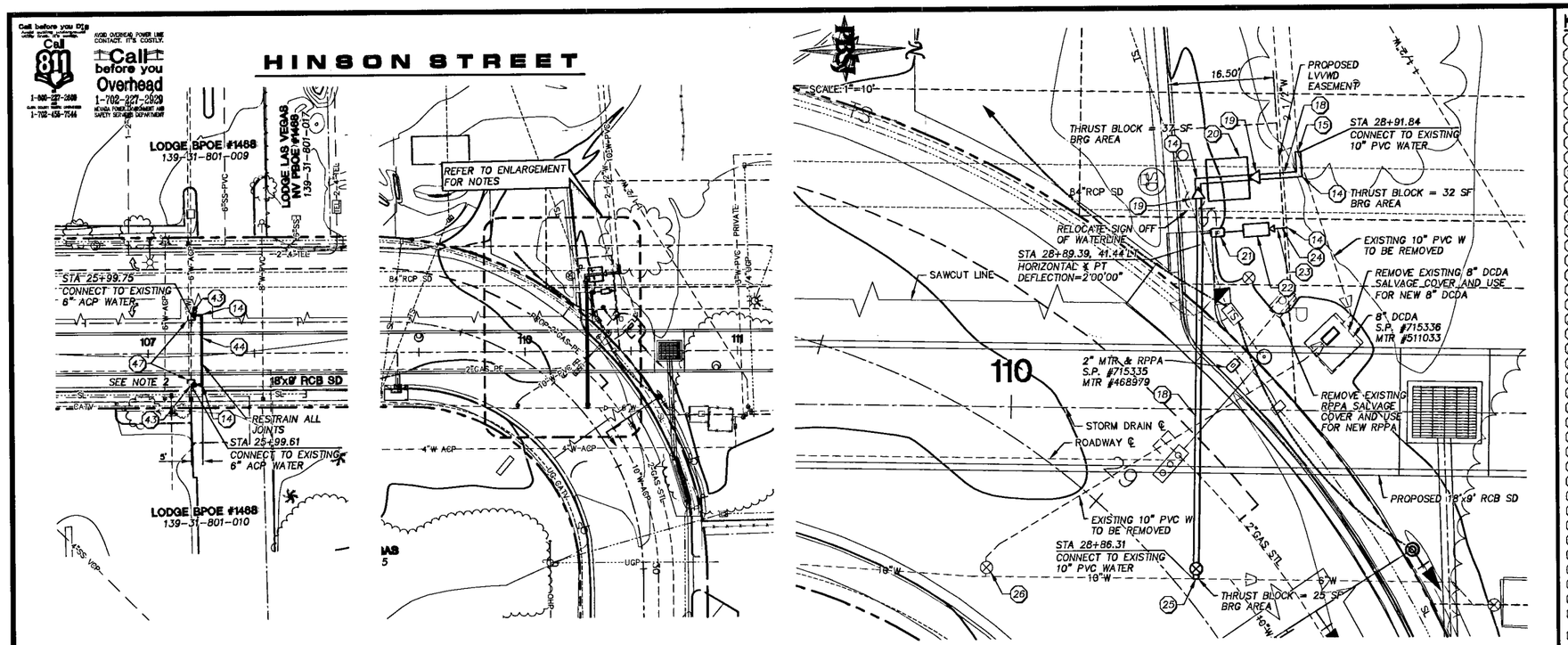
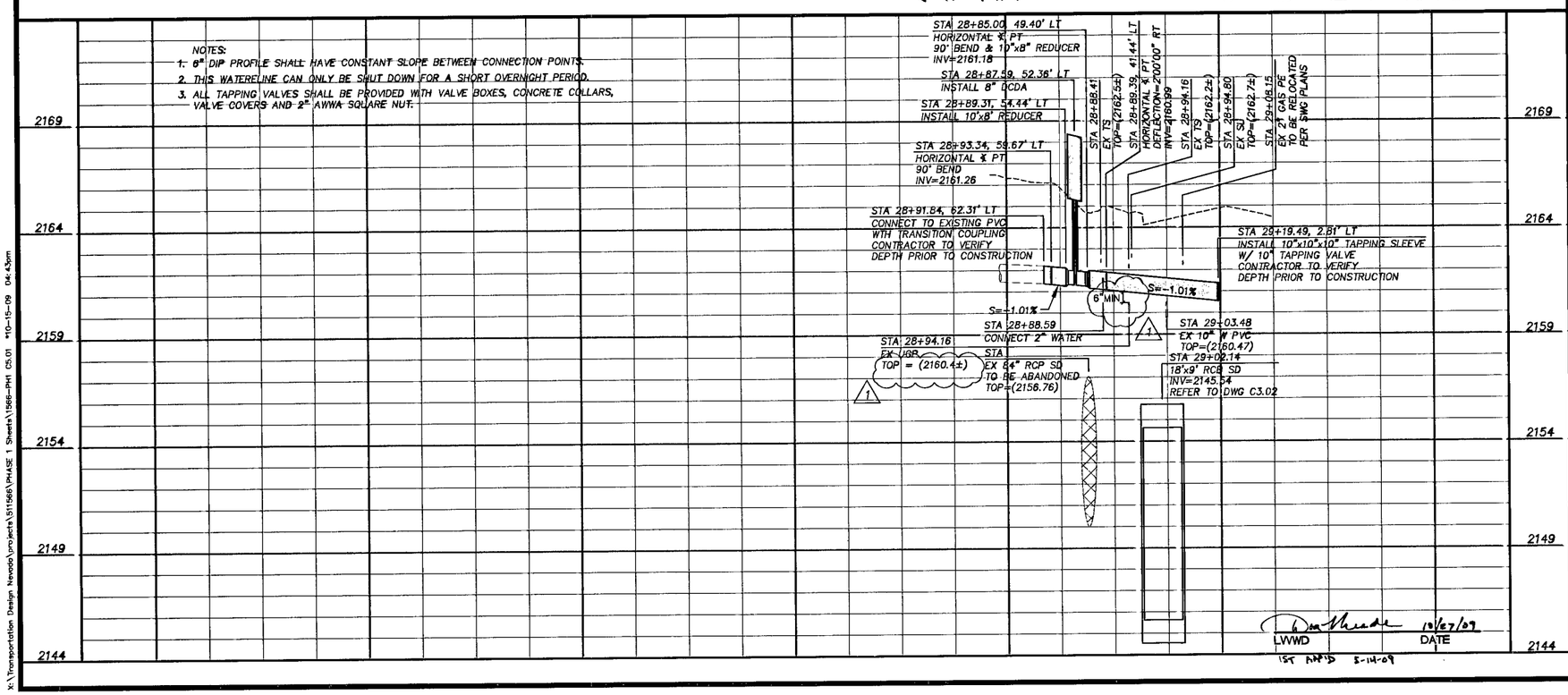


NOTES:
1. 6" DIP PROFILE SHALL HAVE CONSTANT SLOPE BETWEEN CONNECTION POINTS.
2. THIS WATERLINE CAN ONLY BE SHUT DOWN FOR A SHORT OVERNIGHT PERIOD.
3. ALL TAPPING VALVES SHALL BE PROVIDED WITH VALVE BOXES, CONCRETE COLLARS, VALVE COVERS AND 2" AWWA SQUARE NUT.



KEY NOTES

1. INSTALL 36" MLC STEEL PIPE
2. INSTALL 54" RCP CASING, CLASS IV PER DETAIL 3 DRAWING C5.18
3. INSTALL 24" DIP WATERLINE BYPASS PER DETAIL 3, DRAWING C5.15
4. INSTALL 8" PVC SS PER TRENCH DETAIL 3 DRAWING C5.09
5. INSTALL 12" PVC SS PER TRENCH DETAIL 3 DRAWING C5.09
6. INSTALL 48" SSMH PER CCWRD STD DETAIL SD-1 AND SD-3B
7. NOT USED
8. INSTALL STEEL CASING PER DETAIL 4 DRAWING C5.09
9. NOT USED
10. CONNECT EX 8" SS TO PROPOSED 60" MANHOLE
11. INSTALL 6" PVC SS LATERAL PER CCWRD STD DETAIL SD-17
12. INSTALL 10" DIP WATERLINE PER DETAIL 1 DRAWING C5.12
13. INSTALL 45° ELBOW
14. INSTALL 90° ELBOW
15. CONNECT TO EXISTING WATERLINE PER DETAIL 2 DRAWING C5.09
16. CONNECT TO EXISTING VALVE
17. SNWA CROSSING PER DETAIL 3 DRAWING C3.32
18. INSTALL 10" PVC C-900 WATERLINE PER DETAIL 2 DRAWING C5.12
19. INSTALL 10"x8" REDUCER W/ ANCHOR BLOCK PER DETAIL 2 DRAWING C5.13
20. INSTALL 8" FEBCO 876V DCDA (STD ORIENTATION)
21. INSTALL 2" WATERLINE W/ 2" METER PER UDACS PLATE #1D
22. INSTALL 2" RPPA PER UDACS PLATE #11A
23. INSTALL 2-1/2"x2" REDUCER
24. INSTALL 2" PVC WATERLINE
25. INSTALL 10"x10"x10" TAPPING SLEEVE W/ 10" TAPPING VALVE
26. ABANDON EXISTING WATER VALVE PER UDACS, LOCK VALVE CLOSED
27. INSTALL 2" BLOW-OFF ASSEMBLY PER UDACS PLATE #4A
28. NOT USED
29. INSTALL 2" AIR VALVE ASSEMBLY PER DETAIL 1 DRAWING C5.15
30. INSTALL 4" AIR VALVE ASSEMBLY PER DETAIL 2 DRAWING C5.15
31. INSTALL 4" BLOW OFF PER DETAIL 2 DRAWING C5.14
32. INSTALL 18" PVC SS PER TRENCH DETAIL 3 DRAWING C5.09
33. INSTALL 18" C-905 PVC SS PER TRENCH DETAIL 3 DRAWING C5.09
34. INSTALL 60" SSMH PER CCWRD STD DETAIL SD-1 AND SD-3B
35. INSTALL 8" C-900 PVC SS PER TRENCH DETAIL 3 DRAWING C5.09
36. INSTALL 4" HDPE PIPE PER TRENCH DETAIL 3 DRAWING C5.18
37. INSTALL 6" PVC SDR35
38. INSTALL SAND FILTER COLLECTION INLET PER DETAIL 1 DRAWING C5.18
39. INSTALL SALVAGED SEDIMENT TRAP PER DETAIL 2 DRAWING C5.18
40. CONNECT TO EXISTING 2 1/2" PVC. INSTALL 45° ELBOW AND 2 1/2" PVC PIPE TO CHANNEL WITH INVERT 3" ABOVE TOE OF WALL
41. INSTALL 24" ACCESS MANWAY PER DETAIL 5 DRAWING C5.18
42. CONNECT 8" SS TO EXISTING SSMH
43. INSTALL 8"x6"x8" TAPPING SLEEVE W/ 6" TAPPING VALVE PER DETAIL 1 DRAWING C5.13
44. INSTALL 6" DIP WATERLINE PER DETAIL 1 DRAWING C5.12
45. INSTALL 8"x8"x8" TAPPING SLEEVE W/ 8" TAPPING VALVE
46. INSTALL LINE STOP AT A MINIMUM OF 2 FT FROM TAPPING SLEEVE
47. CUT AND CAP EXISTING ACP WATERLINE AND RESTRAIN CAP AS NECESSARY

GRAPHIC SCALE

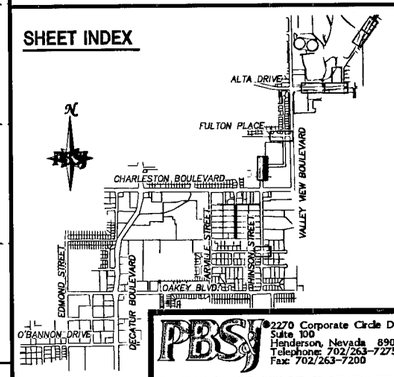
30 0 15 30 60 120

(IN FEET)

HORIZ 1 inch = 30 ft.
VERTICAL 1 inch = 3 ft.

CAUTION:
EXISTING UTILITIES ARE LOCATED ON THE PLANS FROM A SEARCH OF AVAILABLE RECORDS. CONTRACTOR TO VERIFY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION.

SHEET INDEX



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ENGINEERING · PLANNING · SURVEYING · CONSTRUCTION SERVICES

10/15/09	REVISED UGP LOCATION
7/23/09	ADDENDUM NO. 1

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION

CITY ENGINEER: CHERI EDELMAN, P.E.
CITY PROJECT ENGINEER: MICHAEL STURDIVANT, P.E.
PROJECT MANAGER: ANGELO SPATA, P.E.
DESIGN BY: SMB CHECK BY: AAS
DRAWN BY: RPW DATE: MAY 2009

TITLE: OAKEY/MEADOWS STORM DRAIN PHASE 1
CHARLESTON BOULEVARD TO ALTA DRIVE

SHEET: UTILITY PLANS
HINSON STREET WATER RELOCATION

PROFESSIONAL ENGINEER - STATE OF NEVADA
JEREMY M. SIMMONS
EXP. 12-31-10
CIVIL
No. 17863
10/20/09

SHEET: C5.01
106 of 139

DRAWING# 327V284

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