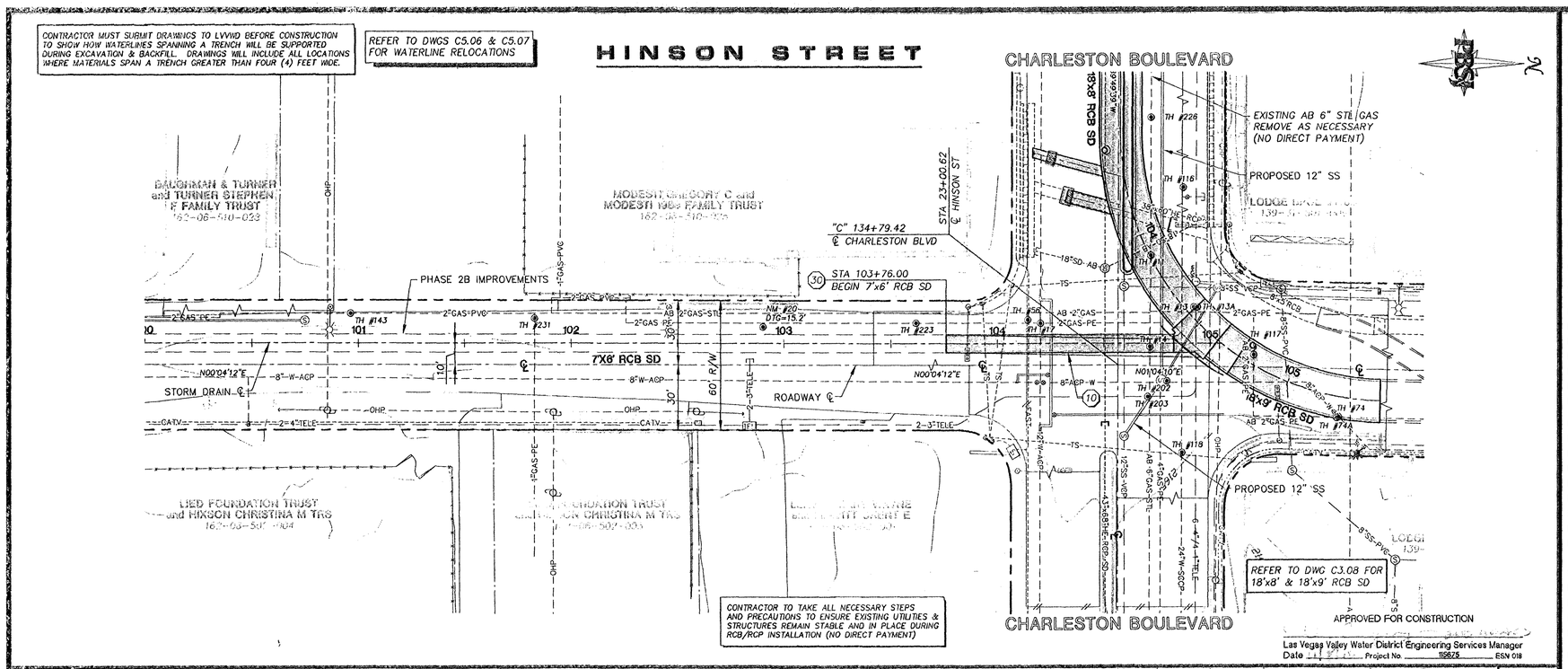
AS-BUILTS

CONTRACTOR MUST SUBMIT DRAWINGS TO LVVWD BEFORE CONSTRUCTION TO SHOW HOW WATERLINES SPANNING A TRENCH WILL BE SUPPORTED DURING EXCAVATION & BACKFILL. DRAWINGS WILL INCLUDE ALL LOCATIONS WHERE MATERIALS SPAN A TRENCH GREATER THAN FOUR (4) FEET WIDE.

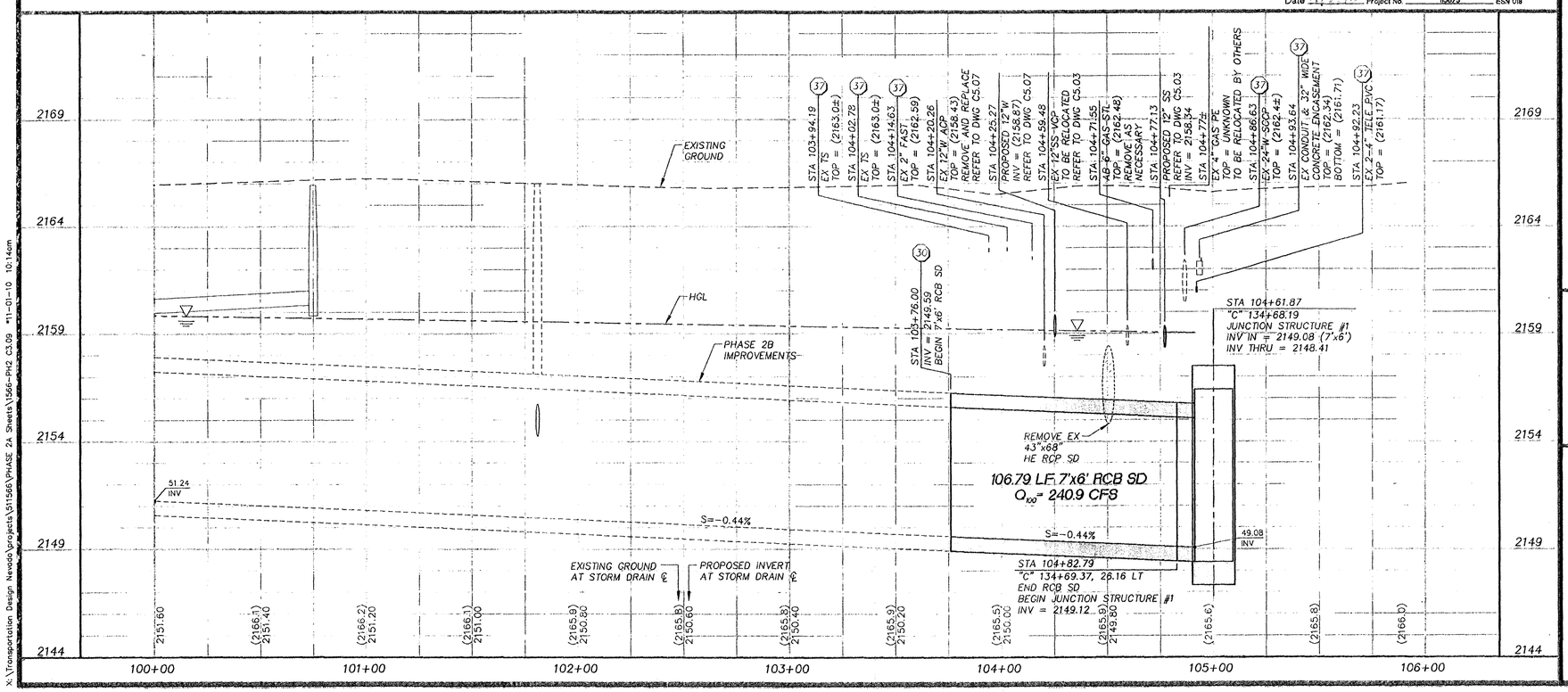
REFER TO DWGS C5.06 & C5.07 FOR WATERLINE RELOCATIONS



APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services Manager

Date _____ Project No. 115675 ESN 018



KEY NOTES

1. INSTALL 18" RCP SD PER TRENCH DETAIL 1 DRAWING C3.15
2. INSTALL 24" RCP SD PER TRENCH DETAIL 1 DRAWING C3.15
3. NOT USED
4. INSTALL 36" RCP SD PER TRENCH DETAIL 1 DRAWING C3.15
5. NOT USED
6. NOT USED
7. INSTALL 29"x45" HE RCP SD PER TRENCH DETAIL 1 DRAWING C3.15
8. INSTALL 38"x60" HE RCP SD PER TRENCH DETAIL 1 DRAWING C3.15
9. NOT USED
10. INSTALL 7'x6' RCB SD PER DRAWING C4.03 AND PER TRENCH DETAIL 1 DRAWING C3.15
11. INSTALL 8'x8' RCB SD PER DRAWING C4.03 AND PER TRENCH DETAIL 1 DRAWING C3.15
12. INSTALL 12'x8' RCB SD PER DRAWING C4.03 AND PER TRENCH DETAIL 1 DRAWING C3.15
13. INSTALL 18'x8' RCB SD PER DRAWING C4.03 AND PER TRENCH DETAIL 1 DRAWING C3.15
14. INSTALL 18'x9' RCB SD PER DRAWING C4.03 AND PER TRENCH DETAIL 1 DRAWING C3.15
15. INSTALL 23'x8' RCB SD PER DRAWING C4.03 AND PER TRENCH DETAIL 1 DRAWING C3.15
16. CONSTRUCT RCB TRANSITION PER DETAIL 3 DRAWING C4.01
17. CONSTRUCT TYPE I (60") MANHOLE PER USD #403A
18. NOT USED
19. NOT USED
20. CONSTRUCT 36" ACCESS MANHOLE W/ STEPS PER DETAIL 3 DRAWING C3.16
21. CONSTRUCT 48" ACCESS MANHOLE W/ STEPS PER DETAIL 4 DRAWING C3.16
22. CONSTRUCT 48" ACCESS MANHOLE W/ STEPS & GRATED LID PER DETAIL 5 DRAWING C3.18
23. CONSTRUCT JUNCTION STRUCTURE #1 PER DRAWING C4.07
24. CONSTRUCT 10'x8' ACCESS STRUCTURE PER DRAWING C4.04
25. NOT USED
26. NOT USED
27. CONSTRUCT TYPE "D" MODIFIED DROP INLET PER USD #412A
28. INSTALL 2'x2' AREA INLET PER DETAIL 2 DRAWING C3.18
29. NOT USED
30. INSTALL TEMPORARY CLOSURE WALL PER DRAWING C4.10
31. REMOVE AND SALVAGE EXISTING TEMPORARY CLOSURE WALL PER DETAIL 2 DRAWING C3.17
32. INSTALL SALVAGED TEMPORARY CLOSURE WALL PER DRAWING C4.11
33. INSTALL CONCRETE COLLAR PER DETAIL 1 DRAWING C3.16
34. PIPE PENETRATION PER DETAIL 2 DRAWING C4.02
35. CONNECT TO EXISTING DROP INLET PER DETAIL 1 DRAWING C4.02
36. PIPE PENETRATION PER DETAIL 1 DRAWING C4.02 (SIMILAR)
37. PROTECT-IN-PLACE. CONTRACTOR TO SUPPORT UTILITY ACROSS THE TRENCH. ANY DESIGN REQUIRED TO SUPPORT THE UTILITY SHALL BE DONE BY THE CONTRACTOR'S ENGINEER AND SHALL BE LICENSED IN THE STATE OF NEVADA (NO DIRECT PAYMENT)
38. PROTECT-IN-PLACE
39. PLUG STORM DRAIN PER DETAIL 5 DRAWING C3.17
40. CONSTRUCT CLOSURE WALL #1 PER DRAWING C4.06
41. INSTALL TEMPORARY CLOSURE WALL PER DRAWING C4.12

Call before you Dig
AVOID DIGGING UNDERGROUND UTILITY LINES & PIPELINE
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FAST
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FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

AVOID NEITHER OVERHEAD POWER LINES ITS CONTOL
CALL BEFORE YOU DIG OVERHEAD
1-702-227-2929

GRAPHIC SCALE

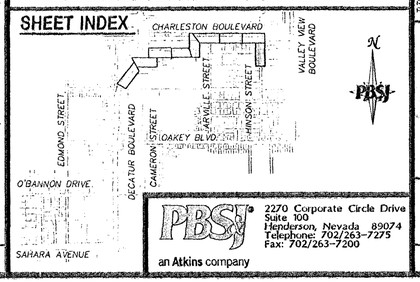
30 0 15 30 60 120

(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



PBSJ
2270 Corporate Circle Drive
Suite 100
Henderson, Nevada 89074
Telephone: 702/263-7275
Fax: 702/263-7200
an Atkins company

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION

CITY ENGINEER: CHERI EDELMAN, P.E.
CITY PROJECT ENGINEER: MICHAEL STURIDIVANT, P.E.
PROJECT MANAGER: ANGELO SPATA, P.E.
DESIGN BY: SLAB
DRAWN BY: RPW
CHECK BY: AAS
DATE: OCTOBER 2010

TITLE: OAKEY/MEADOWS STORM DRAIN PHASE 2A - FAIR CENTER MALL TO CHARLESTON BOULEVARD AT HINSON STREET

SHEET: STORM DRAIN PLANS PLAN AND PROFILE STA 100+00.00 TO STA 104+82.79

PROFESSIONAL ENGINEER - STATE OF NEVADA
ANGELO A. SPATA
EXP. 06-30-12
CIVIL
No. 15753

SHEET: C3.09
38 of 73

DRAWING# 327v284-2

X:\Transportation Design Nevada\projects\51566\PHASE 2A Sheets\1566-PH2 C3.09 *11-01-10 10:14am