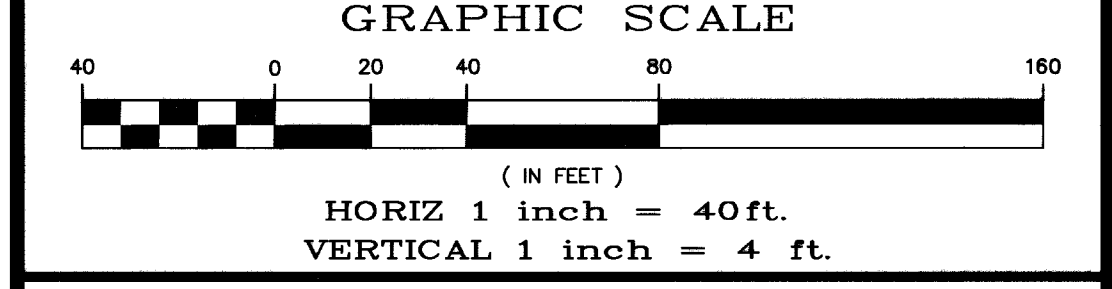
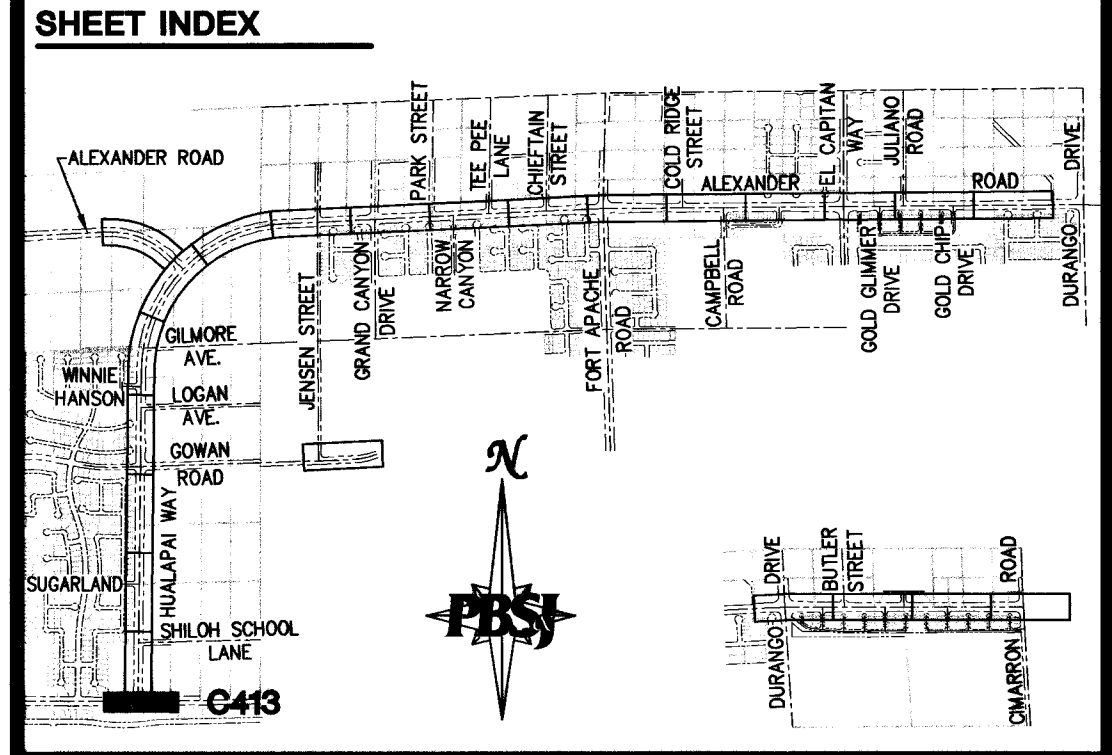


Call before you Dig
1-800-227-2600
Nevada Power Environment and Safety Services Department

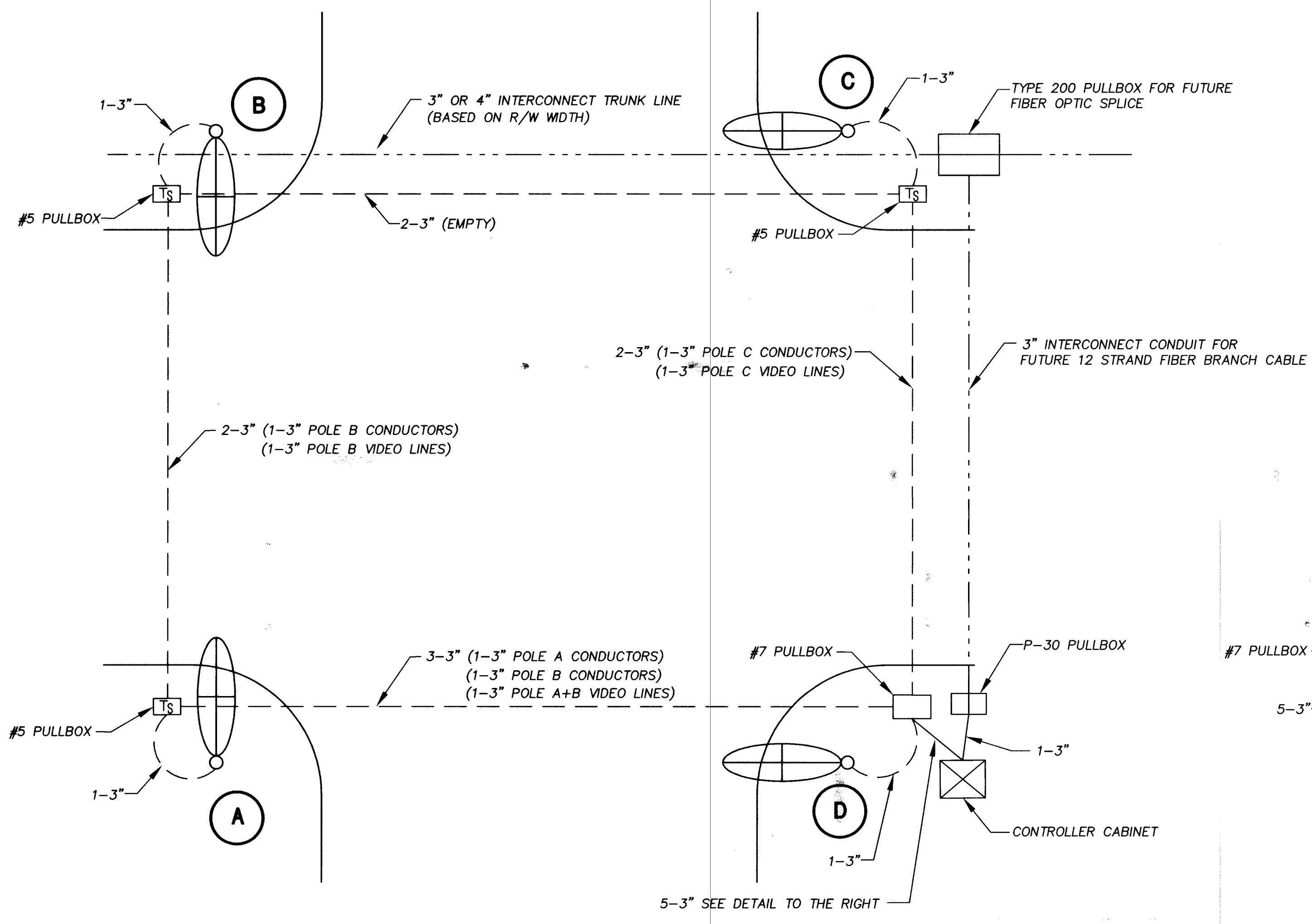
Call before you Overhead
1-702-593-6111
Nevada Power Environment and Safety Services Department



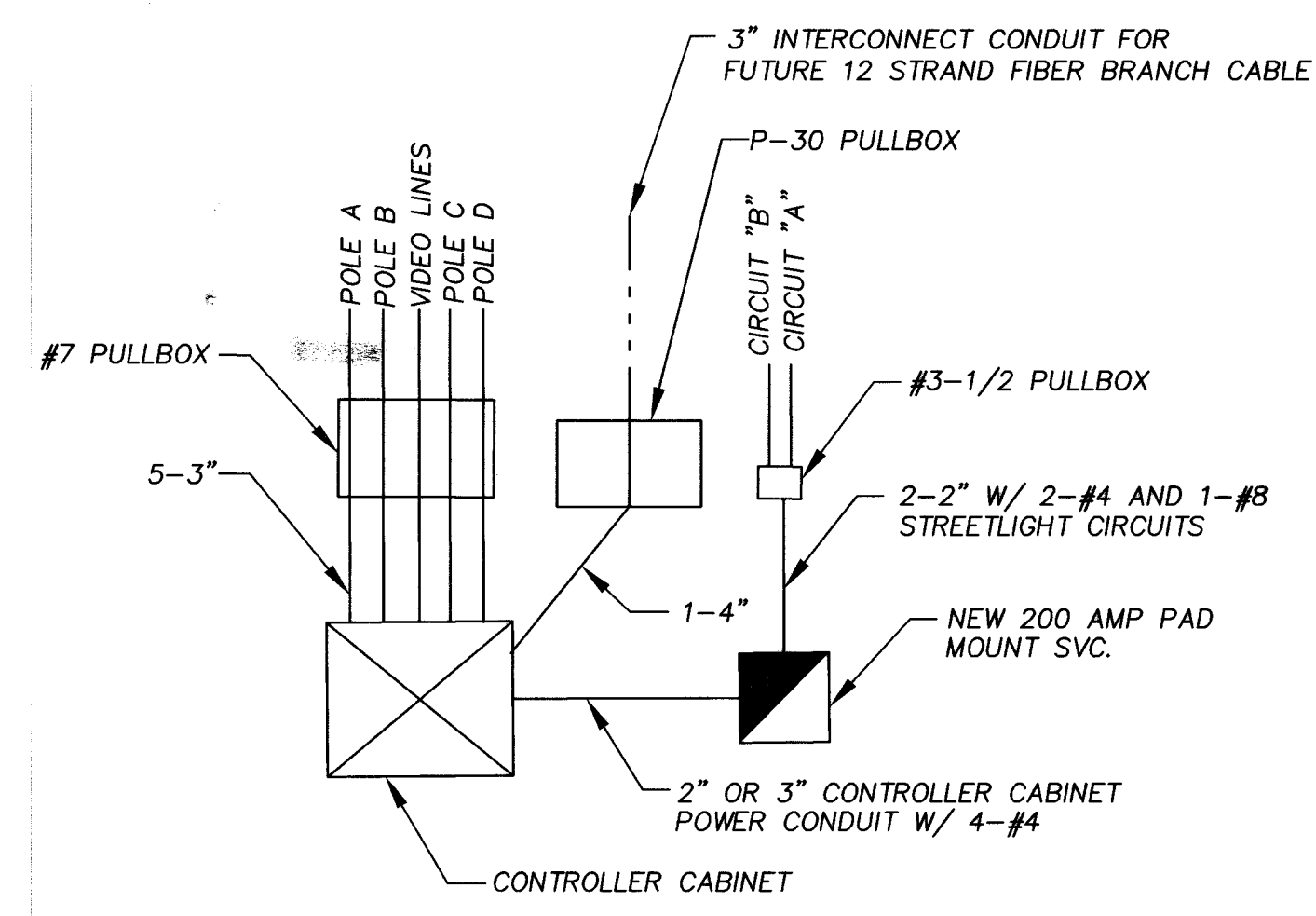
BASIS OF BEARING
THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY GIS CONTROL POINTS "808" AND "877" AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE, IN FILE 88 OF SURVEYS, AT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

BENCHMARK
CITY OF LAS VEGAS BENCHMARK NO. 9LV00 7N4 - RIVET AND PLATE IN TOP OF CURB SOUTHEAST CORNER OF ALEXANDER ROAD AND GRAND CANYON DRIVE.
NAVD 1988 DATUM
ELEVATION = 792.858 METERS
2601.24 FEET

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



- NOTES:**
1. EACH LUMINAIRE SHALL HAVE AN INDIVIDUAL 1000 W PHOTO EYE CONTROL.
 2. ALL EMPTY CONDUITS SHALL HAVE 1-#8 BARE AND PULLSTRING.
 3. ALL NEW SIGNAL POLE LUMINAIRES 120 VOLT/400 WATT ARE TO BE WIRED USING 2-#10 AND 1-#8 ON A 120 VOLT CIRCUIT FROM NEW SERVICE WITH FUSEHOLDERS AND SPLICES INSIDE NEW "EMPTY" CONTROLLER CABINET WHENEVER UNDERGROUNDS ONLY ARE INSTALLED.(i.e. NO SIGNAL)
 4. THIS IS THE TYPICAL INSTALLATION FOR ENTIRELY NEW UNDERGROUNDS. SOME INTERSECTIONS MAY HAVE PORTIONS OF UNDERGROUNDS THAT ARE ALREADY EXISTING WHICH MAY REQUIRE A DIFFERENT LAYOUT. CONTRACTOR SHALL REVIEW EACH INTERSECTION UNDERGROUND DETAIL SHEET C414 - C420 TO SEE WHAT IS REQUIRED.



TYPICAL INTERSECTION UNDERGOUNDS FOR CLV (SIGNAL ONLY)
N.T.S. A
C413

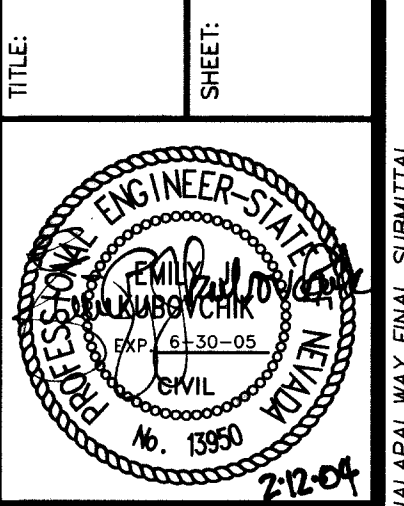
- KEY NOTES**
1. EXISTING SIGN(S) TO REMAIN.
 2. INSTALL NEW SIGN(S).
 3. REMOVE SIGN(S) AND SALVAGE.
 4. RELOCATE EXISTING SIGN(S).
 5. REMOVE SIGN(S) AFTER SIGNAL IS TURNED ON.
 6. EXISTING MARKINGS TO REMAIN.
 7. MEDIAN NOSE MARKING PER USD 248.
 8. TYPE 2 CENTERLINE PER USD 244.
 9. TYPE 4 LANE LINE PER USD 244A.
 10. STORAGE LANE LINE PER USD 246.
 11. DROP LINE PATTERN PER USD 246A.
 12. NOT USED
 13. SPECIAL LINE PATTERN PER DETAIL E SHEET C515
 14. NOT USED
 15. 4" SOLID WHITE LINE (PAINT).
 16. 24" WIDE CROSSWALK LINES (TYPE 1 PMF) PER USD 254A.
 17. WHITE PAVEMENT TURN ARROW SYMBOL (TYPE 1 PMF).
 18. WHITE PAVEMENT "ONLY" OR "BUSES" LEGEND (TYPE 1 PMF).
 19. 50' SOLID YELLOW TRANSITION PER USD 245 (2 OF 3) (RPM AND TYPE 1 PMF)
 20. NOT USED
 21. TRANSITION PER USD 245 (3 OF 3) (TYPE 1 PMF).
 22. 24" YELLOW DIAGONAL AT 45° O.C. (TYPE 1 PMF).
 23. INSTALL TWO 12" D3 STREET NAME SIGNS PER USD 249 AND 250.
 24. TYPE 1 CENTERLINE PER USD 244.

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION

CITY ENGINEER: CHARLES KAJKOWSKI, JR., P.E.
CITY PROJECT ENGINEER: MARVIN STINE, P.E.
PROJECT MANAGER: ALI ZENHARI, P.E.
DESIGN BY: EK
CHECK BY: AZ/EK
DATE: FEB. 11, 2004
DRAWN BY: LSB/DJW

**ALEXANDER ROAD/HUALAPAI WAY
ROAD IMPROVEMENTS PROJECT
CHEYENNE AVENUE TO DURANGO DRIVE**

**TRAFFIC SIGNAL UNDERGOUNDS
SPECIAL DETAIL**



SHEET: **C413**
DRAWING # **99 of 124**
107-V-3594

70636

D:\Draws\1400\C413-1400 *2-10-04 07:33pm *USER: b16148 *XREFS: 1400-BRR; 1400-TKN; 1400-TP; 1400-MP; 1400-STL; 1400-TRAF

ALEXANDER ROAD/HUALAPAI WAY FINAL SUBMITTAL