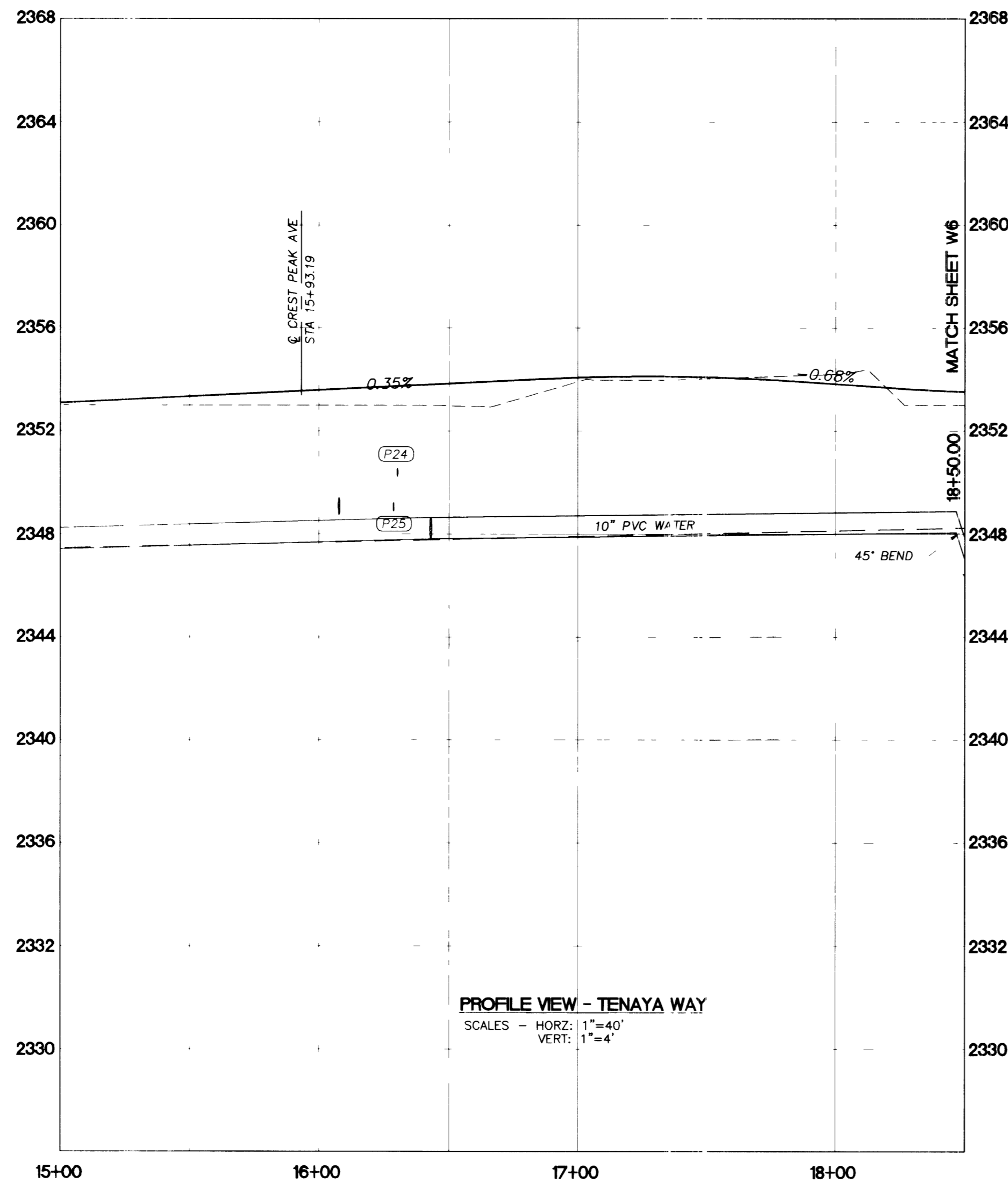
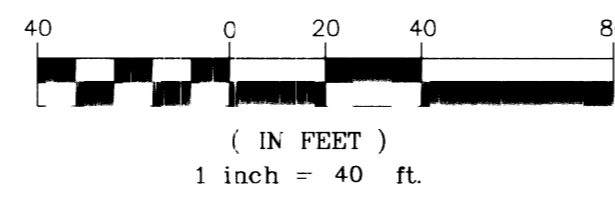


POTHOLE	STATION	OFFSET	UTILITY	DEPTH
P24	16+30.39	-6.47	2" GAS	3"
P25	16+28.90	30.56	2" GAS	4"

ALL POTHOLING CONDUCTED ON 3-13-00
ALL STATIONING ALONG TENAYA WAY

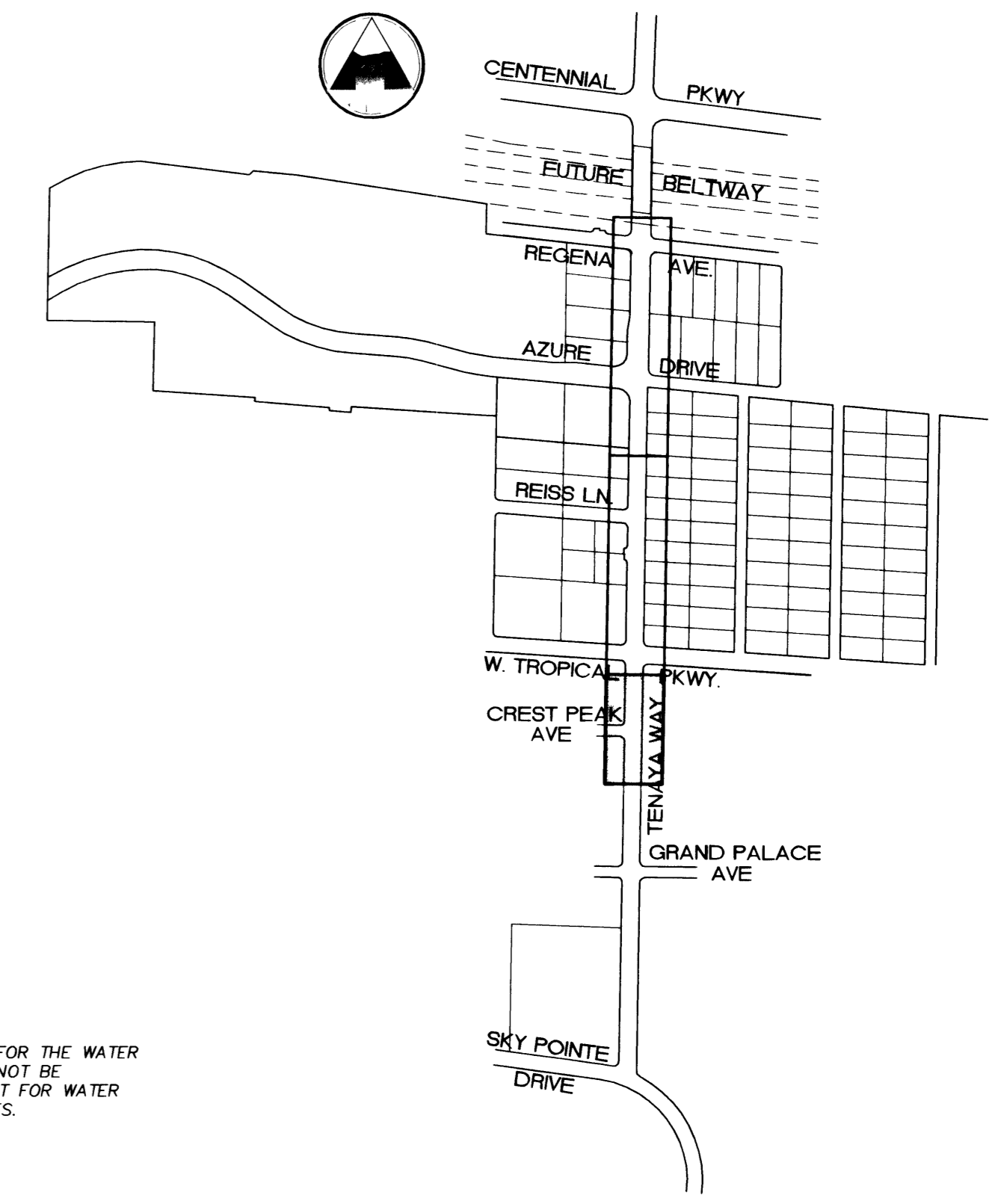
NOTE:
DEPTHS ARE APPROXIMATE AND ARE CALCULATED FROM EXISTING GRADE. CONTRACTOR TO VERIFY ELEVATIONS



PROFILE VIEW - TENAYA WAY
SCALES - HORZ: 1"=40'
VERT: 1"=4'

WATERLINE IMPROVEMENTS

- 90 CONSTRUCT 10"x8" TEE AND 8" GATE VALVE W/ THRUST BLOCK
- 91 CONSTRUCT 8" PVC WATER LATERAL
- 92 CONSTRUCT 12"x8" TEE AND 8" GATE VALVE W/THRUST BLOCK
- 93 CONSTRUCT 12" TEE AND VALVE W/THRUST BLOCK
- 94 CONSTRUCT 12" 45' BEND WITH THRUST BLOCK
- 95 CONSTRUCT WATERLINE CAP WITH BLOWOFF PER UDACS PLATE 4
- 96 CONSTRUCT 12" GATE VALVE W/ANCHOR BLOCK
- 97 CONSTRUCT IRRIGATION PIPE SLEEVES, SEE DETAIL, SHEET SC51 (2 EA - 4" DIA SCH 40 PVC)
- 98 CONSTRUCT IRRIGATION WIRE SLEEVES, SEE DETAIL SHEET SC51 (2 EA - 2" DIA SCH 40 PVC)
- 99 CONSTRUCT 8" GATE VALVE
- 100 CONSTRUCT 12"x8" REDUCER
- 101 CONSTRUCT FIRE HYDRANT ASSEMBLY 12"x6" TEE WITH 6" GATE VALVE PER UDACS PLATE 7
- 102 CONSTRUCT 12" 90° ELBOW WITH THRUST BLOCK
- 103 REMOVE CAP AND CONNECT TO EXISTING 12" WATER VALVE TO REMAIN CLOSED
- 104 CEMENT SLURRY ENCASE WATER 10' EACH SIDE
- 105 CONSTRUCT 8" PVC WATER MAIN
- 106 CONSTRUCT 12" PVC WATER MAIN
- 107 CONSTRUCT 12"x8"x12"x8" CROSS
- 108 CONSTRUCT 12"x10" TEE
- 109 CONSTRUCT 10" PVC WATER MAIN
- 110 CONSTRUCT 10" GATE VALVE
- 111 CONSTRUCT 10" 45' ELBOW WITH THRUST BLOCK
- 112 CONSTRUCT 10" TEE
- 113 CONSTRUCT 10" 90° ELBOW WITH THRUST BLOCK
- 114 REMOVE CAP AND BLOW OFF, CONNECT TO EXISTING MAIN.



KEY MAP

NOTE:
APPROVAL OF THESE PLANS FOR THE WATER STUBOUT INSTALLATION WILL NOT BE CONSTRUED AS A COMMITMENT FOR WATER SERVICE TO THESE PROPERTIES.

NOTE:
CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL SNWA/SNWS ACCESS APPURTENANCES DURING CONSTRUCTION.
CONTRACTOR WILL APPROPRIATELY ADJUST ALL SNWA ABOVE GROUND STRUCTURES AND AT GRADE STRUCTURES TO NEW GRADE AT CONTRACTOR'S EXPENSE. CONTRACTOR TO NOTIFY RICK DUSEK AT (702) 567-2301 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY WITHIN THE LIMITS OF SNWA/SNWS FACILITIES.

NOTE:
SNWA APPROVAL IS VALID FOR ONE (1) YEAR FROM THE SIGNATURE DATE. IF CONSTRUCTION WITHIN THE EASEMENT OR RESTRICTED PIPE SAFETY ZONE IS NOT COMPLETE, PLANS MUST BE RESUBMITTED TO SNWA FOR APPROVAL.

BASIS OF BEARING:

NORTH AMERICAN DATUM - 1983 (NAD'83), NEVADA COORDINATE SYSTEM - 1983 (NCS'83), EAST ZONE (2701), MODIFIED AS SHOWN BY A MAP ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA IN FILE 89 OF RECORDS OR SURVEYS, PAGE 3

BENCHMARKS:

#1LV90/27W4, CLV, PLS 2050 AL CAP W1/4 SEC.27 ELEV. 2381.17 NAVD 88
#1LV90/27N4, CLV, AL CAP, PLS 2984, CENTENNIAL PKWY & TENAYA WAY ELEV. 2356.41 NAVD 88

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

DEPARTMENT OF PUBLIC WORKS ENGINEERING DESIGN SECTION
CITY ENGINEER: CHARLES KAIKOWSKI, JR., P.E.
PROJECT MANAGER: THERESA M. HANRAHAN, P.E.
1081 OMBARON ROAD, SUITE A-3
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PRIMAS AND ASSOCIATES CONSULTING ENGINEERS

TENAYA WAY
12" WATER LINE
STATION 28+50 TO 39+00
TENAYA WAY / AZURE DRIVE
ROADWAY IMPROVEMENTS

SCALE: 1"=40' HORZ
1"=4' VERT

DESIGNED BY: CH...
PROJECT NO: 307.01001

SEAL
REGISTERED PROFESSIONAL ENGINEER - STATE OF NEVADA
CRAIG A. PRIMAS
No. 6638
1-800-297-2809
UNLICENSED SERVICE (USA) 1-702-595-6111

SHEET
W7
46 OF 70 SHEETS
DRAWING NO
107-V3145