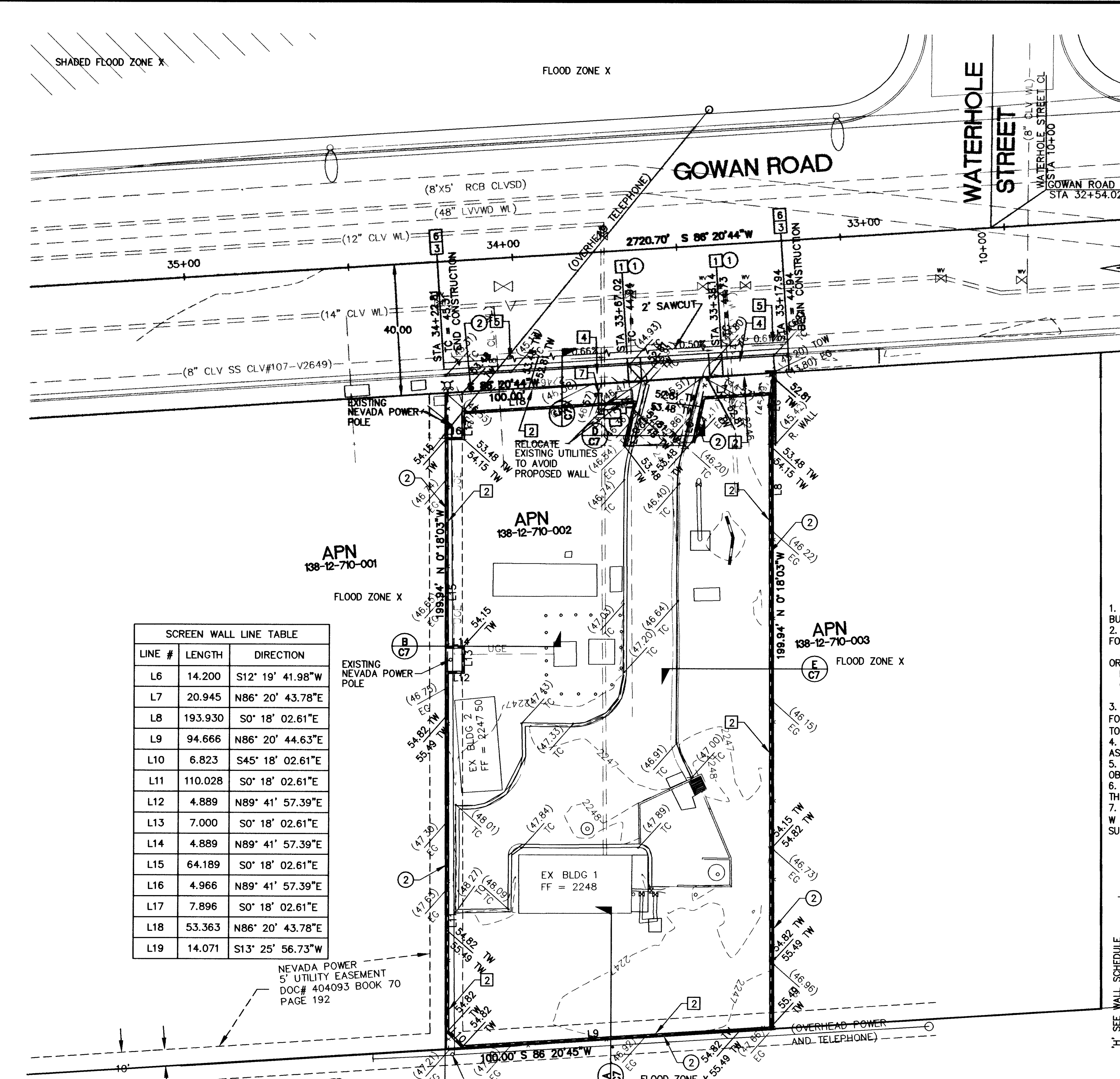




| SCREEN WALL LINE TABLE |         |                  |
|------------------------|---------|------------------|
| LINE #                 | LENGTH  | DIRECTION        |
| L6                     | 14.200  | S12° 19' 41.98"W |
| L7                     | 20.945  | N86° 20' 43.78"E |
| L8                     | 193.930 | S0° 18' 02.61"E  |
| L9                     | 94.666  | N86° 20' 44.63"E |
| L10                    | 6.823   | S45° 18' 02.61"E |
| L11                    | 110.028 | S0° 18' 02.61"E  |
| L12                    | 4.889   | N89° 41' 57.39"E |
| L13                    | 7.000   | S0° 18' 02.61"E  |
| L14                    | 4.889   | N89° 41' 57.39"E |
| L15                    | 64.189  | S0° 18' 02.61"E  |
| L16                    | 4.966   | N89° 41' 57.39"E |
| L17                    | 7.896   | S0° 18' 02.61"E  |
| L18                    | 53.363  | N86° 20' 43.78"E |
| L19                    | 14.071  | S13° 25' 56.73"W |

CONSTRUCTION NOTES:

1. CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD NO. 224
2. CONSTRUCT 8" C.M.U. WALL PER WALL SECTION DETAIL THIS SHEET. WALL TO BE DECORATIVE BLOCK WALL WITH 20% CONTRASTING MATERIAL AND CAP
3. MATCH EXISTING
4. CONSTRUCT SIDEWALK PER CCAUSD NO. 234
5. REMOVE/REPLACE MIN. 4" A.C. & MIN 4" TYPE II PER CCAUSD NO. 205
6. REMOVE/REPLACE "L" TYPE CURB & GUTTER PER CCAUSD NO. 216
7. FOR CONTINUATION REFER TO LAND SCAPE PLAN

BASIS OF BEARINGS

N88 23°59'E, BEING THE BEARING BETWEEN THE CENTER 1/4 CORNER AND THE EAST 1/4 CORNER OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 60 EAST, MDN, CITY OF LAS VEGAS, NEVADA AS SHOWN ON A RECORD OF SURVEY ON FILE IN FILE 158, PAGE 48 OF SURVEYS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

REMOVAL NOTES:

1. REMOVE EXISTING CURB AND GUTTER.
2. REMOVE EXISTING CHAIN LINK FENCE.

BENCHMARK

NLV0012E4 ELEVATION 678.1652 METERS (2224.95 FEET) RIVET AND 2" ROUND ALUMINUM DISK, STAMPED NORTH LAS VEGAS BENCHMARK No. NLV0012E4, IN THE TOP OF CURB AT THE SOUTHWEST RETURN OF THE INTERSECTION OF DECATUR BLVD. AND GOWAN ROAD.

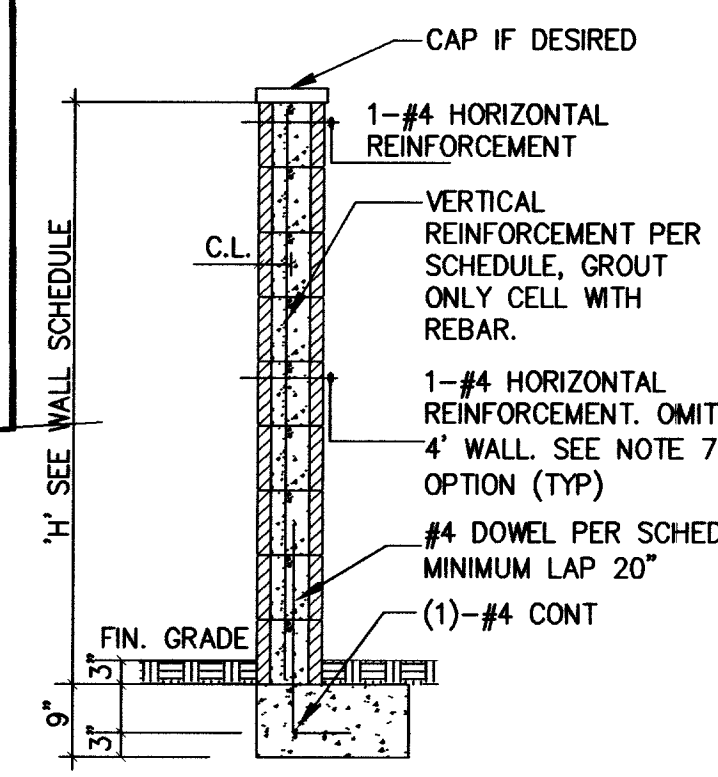
NOTE: (THIS SHEET)

1. THE WALL SECTION DETAILS IS INTENDED TO COMPLY WITH BUILDING DEPARTMENT STANDARDS FOR REGULAR C.M.U. WALL DETAIL WHICH TAKES PRECEDENCE.
2. MINIMUM BLOCK WALL LENGTHS ARE SHOWN. FULL WIDTHS CAN BE USED AT CONTRACTORS DISCRETION.
3. CONTRACTOR TO PROVIDE 8 FOOT HIGH TEMPORARY FENCING TO ENCLOSE THE ELSTNER PUMPING STATION SITE DURING CONSTRUCTION OF THE 8 FOOT CMU WALL FOR SECURITY PURPOSES.
4. CONTRACTOR TO PROTECT EXISTING STRUCTURES WHILE EXCAVATING AND TO REPAIR ANY DAMAGES INCURRED

SOUTHERN NEVADA BUILDING OFFICIALS REGIONAL STANDARDS

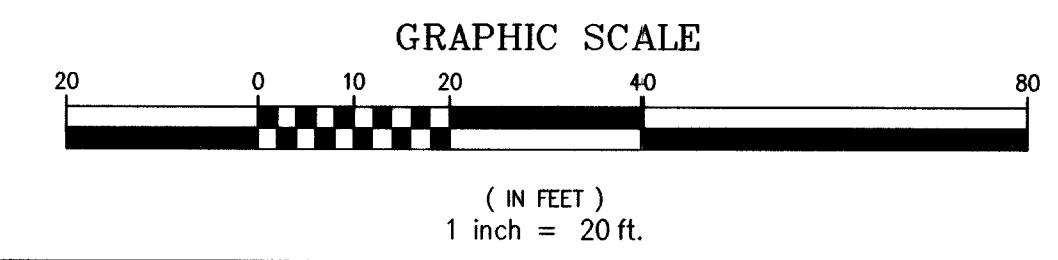
PAGE 2 OF 2  
B-103-2  
11-02-05  
GENERAL NOTES:  
MASONRY FENCE WALL CONSTRUCTION

1. ALL WORK SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE 2000 EDITION WITH SNBC AMENDMENT.
2. CONCRETE BLOCK MASONRY SHALL COMPLY WITH THE FOLLOWING:  
A. CONCRETE MASONRY SHALL CONFORM TO ASTM C 55 OR C 90, GRADE-N  
B. MORTAR: TYPE M OR TYPE S, 1900 PSI  
C. GROUT CONFORMS TO ASTM C 476, MINIMUM 2000 PSI
3. THE ULTIMATE COMPRESSIVE STRENGTH REQUIRED FOR FOUNDATION CONCRETE SHALL BE OF 4500 PSI. (EXPOSED TO SULFATE CONTAINING SOILS).
4. ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE ASTM A615-40 MINIMUM.
5. NO WATER COURSE OR NATURAL DRAINAGE SHALL BE OBSTRUCTED.
6. SITE PLAN SHALL BE SUBMITTED FOR REVIEW BEFORE THE BUILDING PERMIT CAN BE ISSUED.
7. HORIZONTAL JOINT REINFORCEMENT 2 OF LONGITUDINAL W 1.7 (MW1) WIRES SPACE NOT MORE THAN 16" MAY BE SUBSTITUTE FOR HORIZONTAL REINFORCEMENT.



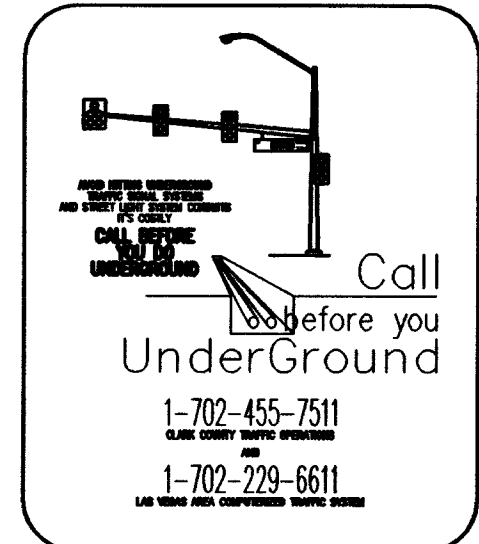
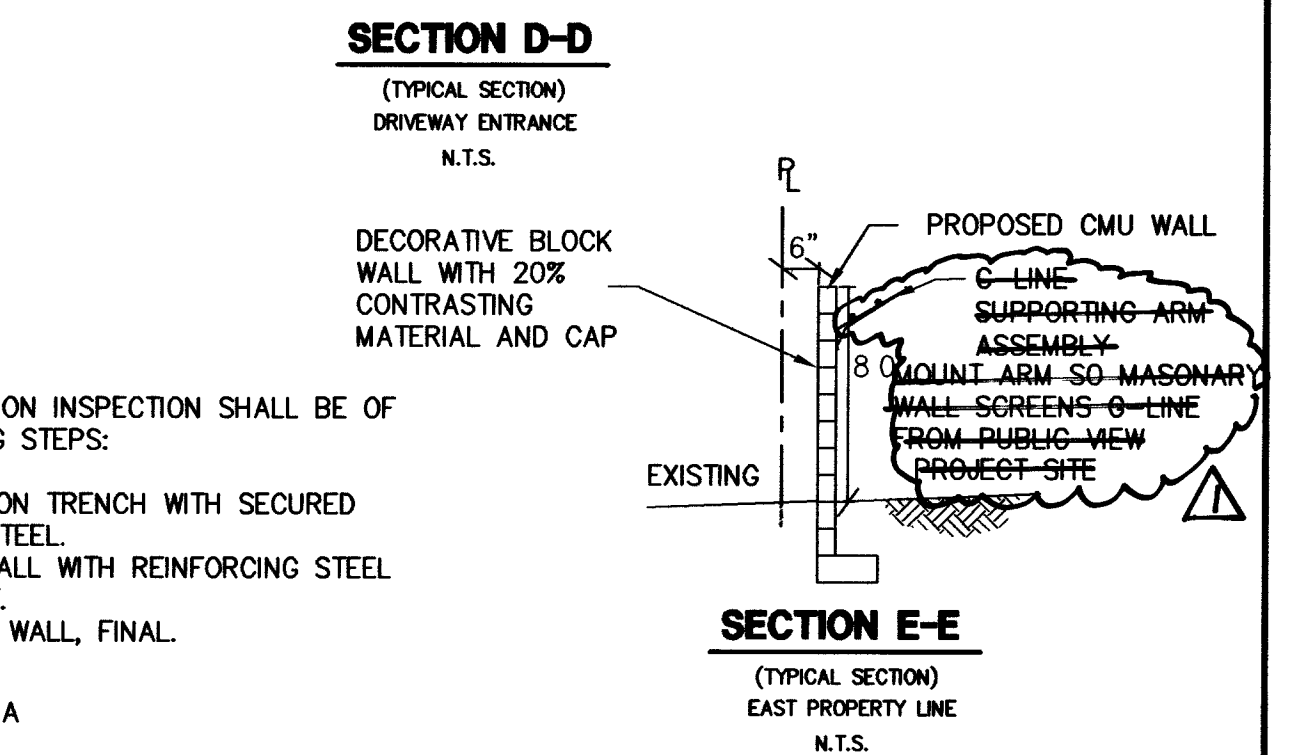
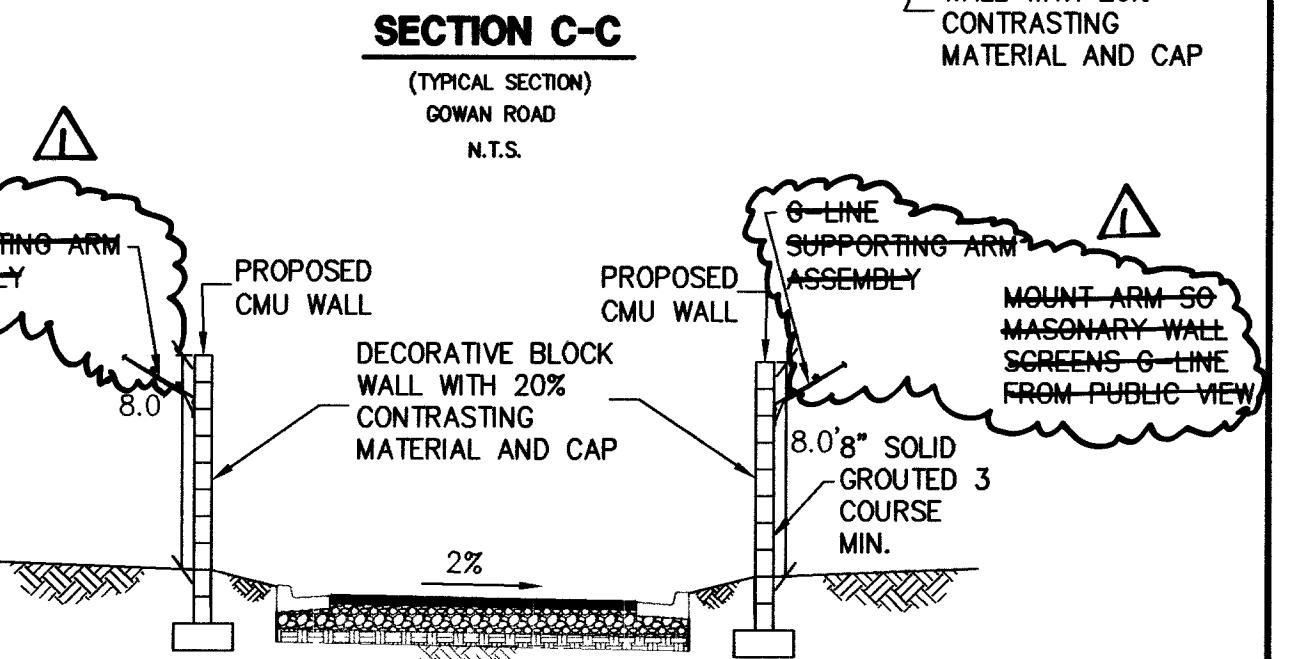
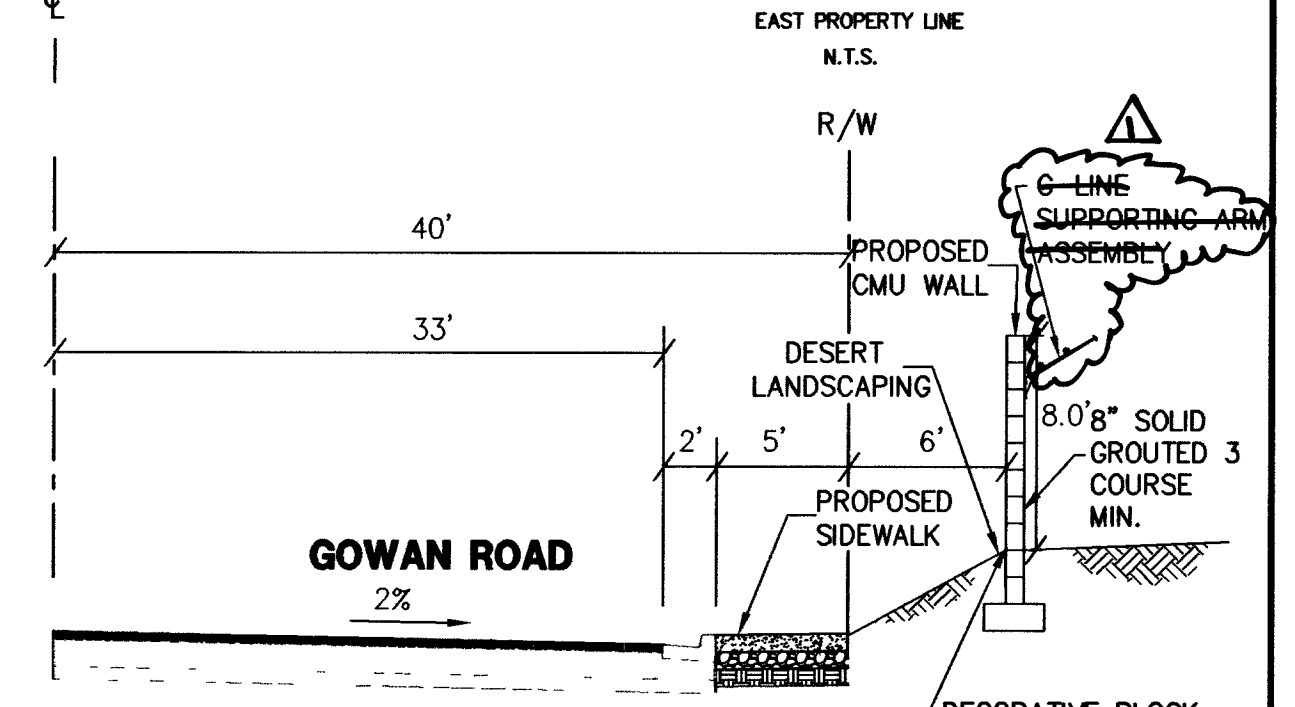
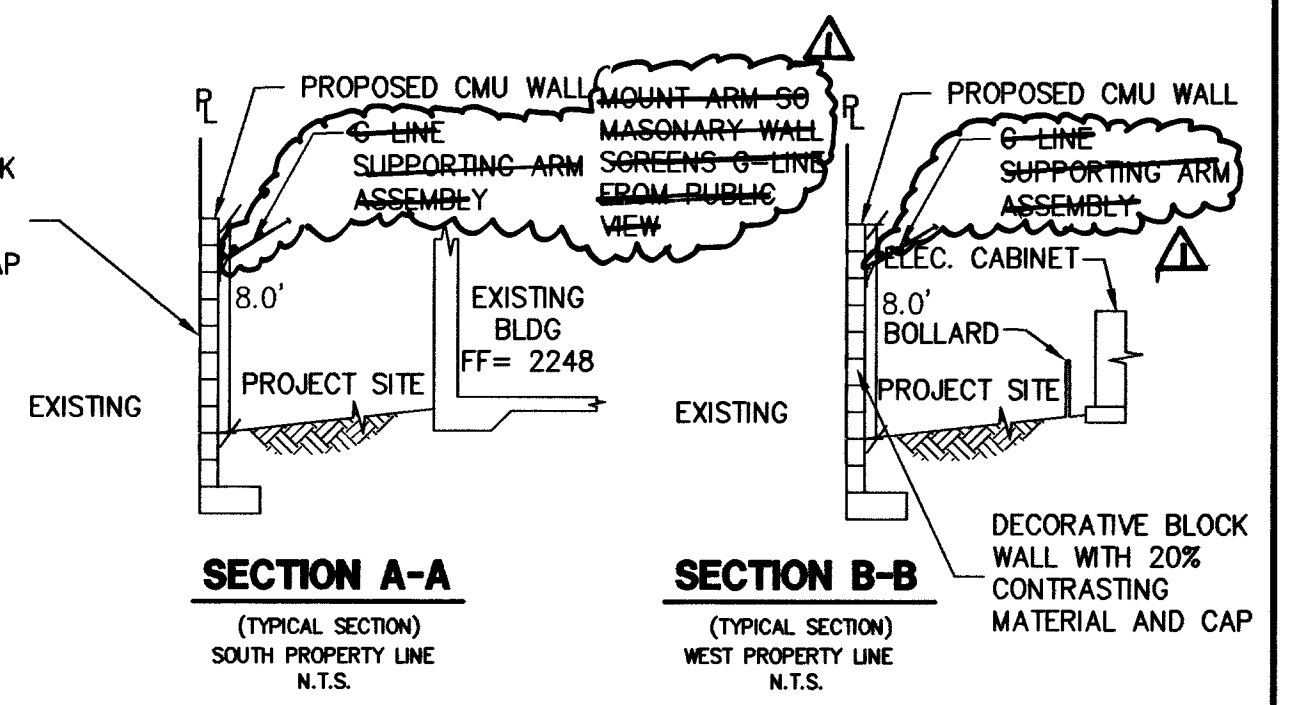
WALL SECTION

| WALL SCHEDULE            | 4'         | 6'         | 8'         |
|--------------------------|------------|------------|------------|
| WALL HEIGHT H            | 4'         | 6'         | 8'         |
| WALL THICKNESS           | 6"         | 6"         | 6"         |
| VERTICAL REINFORCEMENT   | #4@8" O/C  | #4@32" O/C | #4@32" O/C |
| HORIZONTAL REINFORCEMENT | #4@8" O/C  | #4@32" O/C | #4@32" O/C |
| DOWEL                    | 1-#4 (TOP) | 2-#4       | 2-#4       |
| WIDTH OF FOOTING         | 1'-8"      | 2'-5"      | 3'-3"      |



BUILDING DIVISION INSPECTION SHALL BE OF THE FOLLOWING STEPS:  
1ST. FOUNDATION TRENCH WITH SECURED REINFORCING STEEL.  
2ND. BLOCK WALL WITH REINFORCING STEEL BEFORE GROUT.  
3RD. GROUTED WALL, FINAL.

DESIGN CRITERIA  
WIND LOAD  
BASIC WIND SPEED = 90 MPH, EXPOSURE C  
TOPOGRAPHIC FACTOR = 1.0  
W = 13.3 PSF  
SEISMIC LOAD  
DESIGN SPECTRAL RESPONSE SDS = .65g  
SEISMIC COEFFICIENTS R = 3.0  
FP = 0.217g  
SOIL PARAMETER  
SITE CLASS = D  
ALLOWABLE SOIL BEARING PRESSURE = 1500 PSF



Call before you Overhead 1-702-593-6111  
Call before you Dig 1-800-227-2800

CITY OF NORTH LAS VEGAS - UTILITIES TECHNICAL SERVICES

| NO. | DESCRIPTION       | DATE   | BY |
|-----|-------------------|--------|----|
| 1   | Revised to Line 2 | 7-5-07 | CK |
| 2   | Aligned System    |        |    |

|                                                                          |                   |                  |                  |                   |                |
|--------------------------------------------------------------------------|-------------------|------------------|------------------|-------------------|----------------|
| SCALE: 1" = 20'                                                          | DESIGN: CKROECKER | DRAWN: CKROECKER | CHECKED: L. LONG | APPROVED: L. LONG | DATE: 07/26/06 |
| PROFESSIONAL ENGINEER<br>CUT KROECKER<br>Exp. 1980<br>No. 15800<br>CIVIL |                   |                  |                  |                   |                |

GRADING/SITE PLAN  
ELSTNER WELL SITE  
CITY OF LAS VEGAS

(DRAWING TITLE)  
(PROJECT TITLE)  
(LOCATION)

SHEET NO.  
C7  
SHEET 7 OF 12

103769  
96195

13618 CLV DWG. # 109V4690