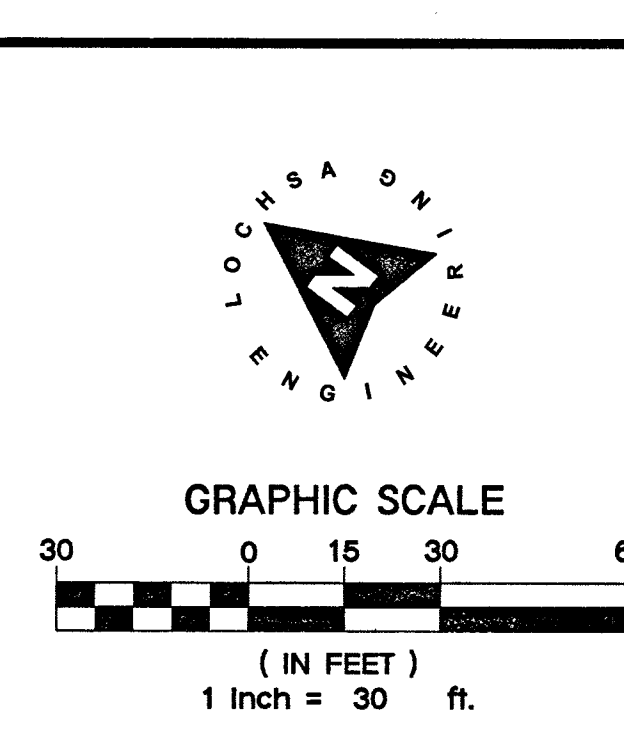
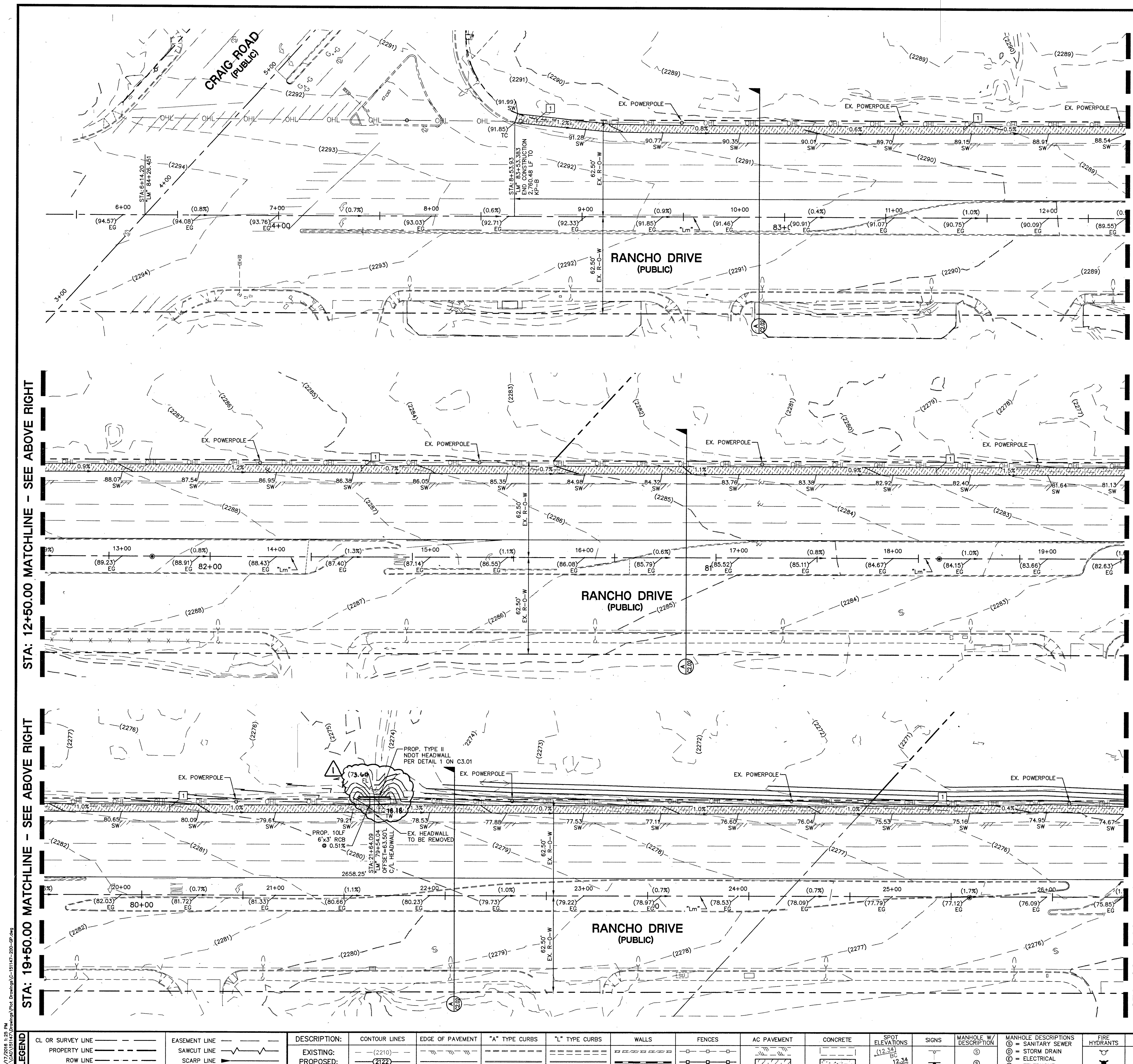




### GUIDANCE MANUAL SECTION 3.5.1 STANDARD NOTES 1-5

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHT-OF-WAY OF CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIAL SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN CLARK COUNTY AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NV10000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMP'S WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OR 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NV100000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMP'S SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

### FLOOD ZONE NOTE:

THE PROJECT SITE IS COVERED BY THE FLOOD INSURANCE RATE MAP (FIRM) FOR THE CLARK COUNTY AND INCORPORATED AREAS, NEVADA, COMMUNITY PANEL NUMBER: 32003C2155F, EFFECTIVE DATE: NOVEMBER 16, 2011. THE SITE IS ENTIRELY WITHIN ZONE 'X' (UNSHADED), DESCRIBED BY FEMA AS: 'AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN'.

### EXISTING UTILITY NOTE:

CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO MATCH PROPOSED FINISH GRADE ELEVATIONS.

### NOTE:

NO WORK WITHIN NDOT RIGHT-OF-WAY WITHOUT AN NDOT PERMIT.

### CONSTRUCTION NOTES:

- ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH "CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS (C.C.A.U.S.D.)" LATEST EDITION AND/OR REGULATING ENTITY HAVING JURISDICTION
- NOT ALL NOTES USED ON THIS SHEET -
- 1. CONSTRUCT 2" AC PAVEMENT SIDEWALK ON NATIVE.

### GRADING NOTES:

1. SLOPES 4:1 OR STEEPER AND FINE-GRAINED MATERIALS THAT HAVE BEEN DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH BURLAP OR OTHER EROSION CONTROL FABRIC/MATERIAL, UNLESS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
2. CONTRACTOR SHALL DETERMINE HIS OWN FOOTING OR BASEMENT EXCAVATION QUANTITIES, EVEN THOUGH SHOWN ON ROUGH GRADING PLANS. ADDITIONALLY, STRUCTURE BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL NOTIFY LOCHSA ENGINEERING WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. LOCHSA ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY "CORRECTIVE" WORK DONE BY OTHERS.
4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE, NO PONDING ALLOWED. CONTRACTOR TO FOLLOW RECOMMENDATIONS AS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT, INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING AND COMPACTION.

### NOTE:

LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.

### A.P.N.:

138-02-702-001, 138-02-702-002, 138-02-802-001

### BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE SOUTHERLY LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 2, TOWNSHIP 20 SOUTH, RANGE 60 EAST M.D.M. AS SHOWN ON THAT MAP ON FILE IN FILE 192, PAGE 31 OF SURVEYS IN THE CLARK COUNTY RECORDERS OFFICE. SAID LINE BEARS: NORTH 83°42'46" WEST.

### BENCHMARK:

BENCHMARK NO. 8100224 CITY OF LAS VEGAS BENCHMARK. RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF CRAIG ROAD AND JONES BOULEVARD. ELEVATION=2261.88 FEET / 689.423 METERS (NAVD 88 DATUM)

Call before you Dig  
Avoid cutting underground utility lines. It's costly.

**FAST**  
Call before you Dig  
Underground

1-800-227-2800  
1-702-432-5300  
1-702-227-2929

| LEGEND            | DESCRIPTION: | CONTOUR LINES | EDGE OF PAVEMENT | "A" TYPE CURBS | "L" TYPE CURBS | WALLS | FENCES | AC PAVEMENT | CONCRETE | SPOT ELEVATIONS | SIGNS | MANHOLE W/ DESCRIPTION | MANHOLE DESCRIPTIONS | FIRE HYDRANTS | GATE VALVES | REDUCERS | CLEAN OUTS | UTILITY BOX OR VAULT | BACKWATER VALVES | 100W HPS STREETLIGHTS | 150W HPS STREETLIGHTS | 200W HPS STREETLIGHTS | 250W HPS STREETLIGHTS |
|-------------------|--------------|---------------|------------------|----------------|----------------|-------|--------|-------------|----------|-----------------|-------|------------------------|----------------------|---------------|-------------|----------|------------|----------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| CL OR SURVEY LINE | EXISTING:    | (2210)        |                  |                |                |       |        |             |          | (12.34) BC      |       | ⊙                      | ⊙                    | ⊙             | ⊙           | ⊙        | ⊙          | ⊙                    | ⊙                | ⊙                     | ⊙                     | ⊙                     | ⊙                     |
| PROPERTY LINE     | PROPOSED:    | (2122)        |                  |                |                |       |        |             |          | (12.34) BC      |       | ⊙                      | ⊙                    | ⊙             | ⊙           | ⊙        | ⊙          | ⊙                    | ⊙                | ⊙                     | ⊙                     | ⊙                     | ⊙                     |
| ROW LINE          |              |               |                  |                |                |       |        |             |          | (12.34) BC      |       | ⊙                      | ⊙                    | ⊙             | ⊙           | ⊙        | ⊙          | ⊙                    | ⊙                | ⊙                     | ⊙                     | ⊙                     | ⊙                     |
| EASEMENT LINE     |              |               |                  |                |                |       |        |             |          |                 |       | ⊙                      | ⊙                    | ⊙             | ⊙           | ⊙        | ⊙          | ⊙                    | ⊙                | ⊙                     | ⊙                     | ⊙                     | ⊙                     |
| SAWCUT LINE       |              |               |                  |                |                |       |        |             |          |                 |       | ⊙                      | ⊙                    | ⊙             | ⊙           | ⊙        | ⊙          | ⊙                    | ⊙                | ⊙                     | ⊙                     | ⊙                     | ⊙                     |
| SCARP LINE        |              |               |                  |                |                |       |        |             |          |                 |       | ⊙                      | ⊙                    | ⊙             | ⊙           | ⊙        | ⊙          | ⊙                    | ⊙                | ⊙                     | ⊙                     | ⊙                     | ⊙                     |

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Fax (702) 365-5817  
www.lochsa.com

**GRADING PLANS  
(SHEET 1 OF 2)**

**CRAIG & RANCHO  
TEMPORARY SIDEWALK  
IMPROVEMENT PLANS**

SHEET  
PROJECT No.: 151147  
DATE: 02-08-2016  
SCALE: 1"=30'  
DRAWN BY: JLI  
DESIGNED BY: JLI  
CHECKED BY: GMM

151147  
02-08-2016  
1"=30'  
JLI  
JLI  
GMM

CLV No. 62604