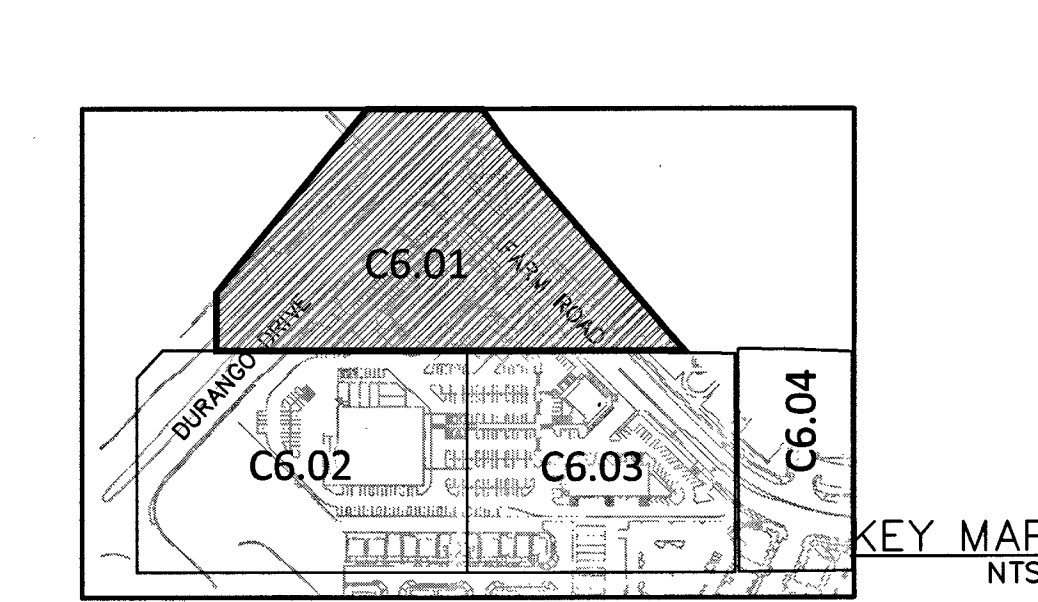
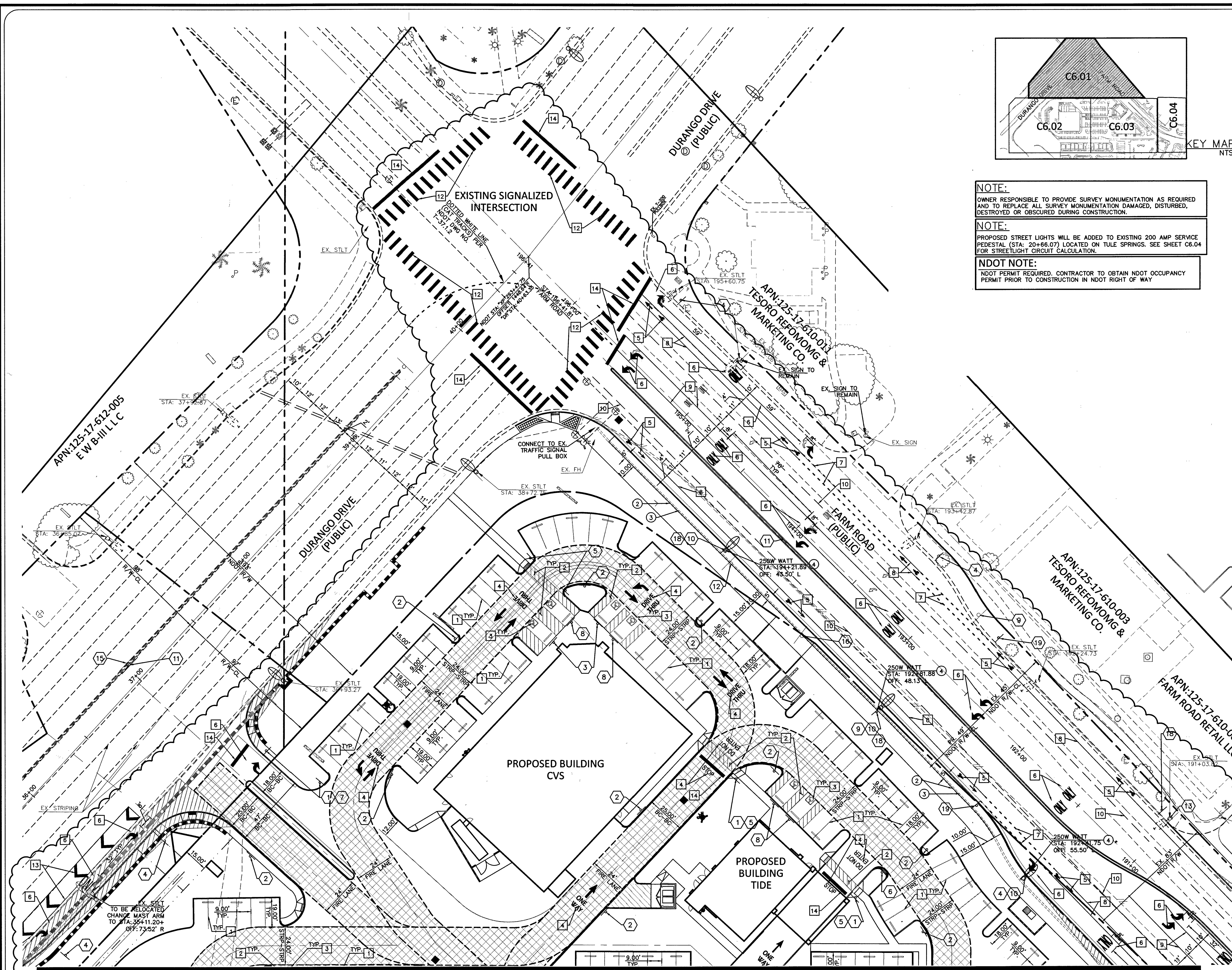




**NOTE:**  
OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED AND TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DISTURBED, DESTROYED OR OBTAINED DURING CONSTRUCTION.

**NOTE:**  
PROPOSED STREET LIGHTS WILL BE ADDED TO EXISTING 200 AMP SERVICE PEDESTAL (STA: 20+66.07) LOCATED ON TULE SPRINGS ROAD. SEE SHEET C6.04 FOR STREETLIGHT CIRCUIT CALCULATION.

**NDOT NOTE:**  
NDOT PERMIT REQUIRED. CONTRACTOR TO OBTAIN NDOT OCCUPANCY PERMIT PRIOR TO CONSTRUCTION IN NDOT RIGHT OF WAY

**GRAPHIC SCALE**  
SCALE: 1"=30'

**BASIS OF BEARING**  
NORTH 00°00'50" WEST, BEING THE BEARING OF THE EAST LINE OF THE NORTHWEST QUARTER (NE 1/4) OF SECTION 17, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN IN FILE 97, PAGE 01 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

**BENCHMARK**  
CITY OF LAS VEGAS BENCHMARK # 5LV90 16NWN5  
A RIVET AND PLATE IN THE TOP OF CURB EASTSIDE OF TULE SPRINGS ROAD. 1/4 MILE SOUTH FO GRAND TETON DRIVE

NAVD 88 ELEVATION = 774.403 METERS / 2540.69 FEET  
NORTH AMERICAN DATUM OF 1988

**SIGNAGE CONSTRUCTION NOTES**

- | NO. | ITEM                                                                                                                         | USDOCA: UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA. |
|-----|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 1   | INSTALL SIGN R1-1 (STOP) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                                         |                                                      |
| 2   | INSTALL FIRE LANE SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                                                |                                                      |
| 3   | INSTALL SIGN R7-8A, R7-8B ADA VAN ACCESSIBLE PARKING SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.             |                                                      |
| 4   | INSTALL SIGN R3-7R (RIGHT LANE MUST TURN RIGHT) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                  |                                                      |
| 5   | INSTALL PEDESTRIAN CROSSING SIGN W1-2 PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                                 |                                                      |
| 6   | INSTALL DO NOT ENTER SIGN R5-1 PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                                        |                                                      |
| 7   | INSTALL SIGN R3-2 PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                                                     |                                                      |
| 8   | INSTALL SIGN R7-8 ADA ACCESSIBLE PARKING SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                         |                                                      |
| 9   | INSTALL SIGN R2-1 (SPEED LIMIT) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                                  |                                                      |
| 10  | INSTALL SIGN R8-3a (NO PARKING) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                                  |                                                      |
| 11  | INSTALL SIGN R6-1R (ONE WAY) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.                                     |                                                      |
| 12  | EXISTING W4-2R (LANE MERGE) SIGN TO BE REMOVED. SEE SHEET C6.04 FOR SIGN DETAIL.                                             |                                                      |
| 13  | EXISTING R3-7L SIGN (MUST TURN LEFT) TO BE REMOVED. SEE SHEET C6.04 FOR SIGN DETAIL.                                         |                                                      |
| 14  | EXISTING W9-3R (MERGE RIGHT) SIGN TO BE REMOVED. SEE SHEET C6.04 FOR SIGN DETAIL.                                            |                                                      |
| 15  | EXISTING R6-1R (ONE WAY) SIGN                                                                                                |                                                      |
| 16  | EXISTING R2-1 (SPEED LIMIT) SIGN TO BE RELOCATED TO STA: 192+81.88. SEE SHEET C6.04 FOR SIGN DETAIL.                         |                                                      |
| 17  | EXISTING R3-4 (NO TURN) SIGN TO BE REMOVED. SEE SHEET C6.04 FOR SIGN DETAIL.                                                 |                                                      |
| 18  | INSTALL SIGN R3-17 (BIKE LANE ONLY) SIGN PER USDOCA NO. 249.1 & 246.1. SEE SHEET C6.04 FOR SIGN DETAIL.                      |                                                      |
| 19  | INSTALL SIGN R4-4 (BEGIN RIGHT TURN LANE YIELD TO BIKES) SIGN PER USDOCA NO. 249.1 & 246.1. SEE SHEET C6.04 FOR SIGN DETAIL. |                                                      |

- STRIPING CONSTRUCTION NOTES**
- | NO. | ITEM                                                              | USDOCA: UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA. |
|-----|-------------------------------------------------------------------|------------------------------------------------------|
| 1   | INSTALL 4" WHITE PAINTED PARKING STALL LINE. (TYP.)               |                                                      |
| 2   | INSTALL 4" WHITE PAINTED LINE @ 45° AT 3' ON CENTER AS SHOWN.     |                                                      |
| 3   | INSTALL ADA PARKING SPACE MARKINGS PER MUTCD FIGURE 3B.22.        |                                                      |
| 4   | INSTALL PAVEMENT MARKINGS AS SHOWN. 8' TALL.                      |                                                      |
| 5   | INSTALL BIKE LANE MARKINGS PER USDOCA NO. 244.9.                  |                                                      |
| 6   | INSTALL ADDED TURN LANE PAVEMENT MARKERS PER NDOT T-38.1.2        |                                                      |
| 7   | INSTALL 6"x2" SKIP WHITE LINE PER USDOCA NO. 244.9.               |                                                      |
| 8   | INSTALL 6" SOLID WHITE LINE PER USDOCA NO. 244.9.                 |                                                      |
| 9   | INSTALL 8" STORAGE LINE PER USDOCA NO. 246.                       |                                                      |
| 10  | INSTALL TYPE 4 LANE LINE PER USDOCA NO. 244.1.                    |                                                      |
| 11  | OBTERATE EX. STRIPING                                             |                                                      |
| 12  | INSTALL CROSSWALK MARKING (TYPE 1) PER USDOCA NO. 254             |                                                      |
| 13  | INSTALL PAVEMENT MARKINGS PER USDOCA NO. 245                      |                                                      |
| 14  | INSTALL 2' WIDE STOP BAR                                          |                                                      |
| 15  | INSTALL 6" SOLID WHITE EDGE LINE AND SIGN PER USDOCA NO. 244.9.51 |                                                      |

- TRAFFIC CONSTRUCTION NOTES**
- | NO. | ITEM                                                                                                                                 | USDOCA: UNIFORM STANDARD DRAWING CLARK COUNTY AREA |
|-----|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1   | INSTALL NO. 3 1/2" PULL BOX PER USDOCA DWG. NO. 326. TO BE MAINTAINED BY THE CITY OF LAS VEGAS.                                      |                                                    |
| 2   | INSTALL 2" STREETLIGHT CONDUIT WITH (2) #4 AND (1) #8 WIRES PER USDOCA DWG. NO. 404.1419. TO BE MAINTAINED BY THE CITY OF LAS VEGAS. |                                                    |
| 3   | INSTALL 3" PVC FAST CONDUIT PER USDOCA 623.6.03.01. TO BE MAINTAINED BY THE CITY OF LAS VEGAS.                                       |                                                    |
| 4   | INSTALL STLT PER USDOCA DWG. NO. 314, 320 AND 321, AND DETAILS "A" AND "B" SHEET C6.04. TO BE MAINTAINED BY THE CITY OF LAS VEGAS.   |                                                    |
| 5   | INSTALL T200 PULLBOX PER USDOCA DWG. NO. 762. TO BE MAINTAINED BY THE CITY OF LAS VEGAS.                                             |                                                    |

**FIRE LANE LEGEND**

- INDICATES RED PAINTED CURB WITH "NO PARKING - FIRE LANE" PAINTED EVERY 100 FT. PER CITY OF LAS VEGAS FIRE DEPARTMENT GUIDELINES.
- INDICATES PROPOSED LOCATION OF FIRE LANE SIGNS TO BE PLACED AT 100' INCREMENTS. FIRE LANE SIGNS SHALL CONFORM TO CITY OF LAS VEGAS FIRE DEPARTMENT GUIDELINES
- INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS ADJACENT TO THE FIRE HYDRANT ON ALL IMPROVED FIRE APPARATUS ACCESS ROADWAYS WITH HARD SURFACES, INCLUDING BOTH PUBLIC AND PRIVATE ROADS, STREETS, OR FIRE LANES:
- ON ROADWAYS WITH NO PARKING PERMITTED ON THE HYDRANT SIDE, EIGHT (8) FEET FROM THE FACE OF THE CURB ON THE HYDRANT SIDE.
- ON ROADWAYS WITH PARKING PERMITTED ON THE HYDRANT SIDE, (16) FEET FROM THE FACE OF THE CURB ON THE HYDRANT SIDE.

R=52' (MIN)  
R=28' (MIN)

INDICATES 24' MINIMUM WIDTH FIRE LANE AND TYPICAL TURNING RADIUS PER CITY OF LAS VEGAS FIRE DEPARTMENT GUIDELINES

107V6734  
LAS VEGAS FIRE & RESCUE  
DATE 7/2/17

CALL BEFORE YOU DIG  
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY

**FAST**  
Call before you dig  
Underground  
1-702-432-5300  
FREEWAY AND ARTERIAL  
SYSTEM OF TRANSPORTATION  
1-702-227-2929

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

CALL BEFORE YOU DO OVERHEAD WORK

COLLINS ENGINEERS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

**LEGEND**

| EXISTING | PROPOSED | DESCRIPTION                |
|----------|----------|----------------------------|
| ---      | ---      | ELEVATION TAG              |
| ---      | ---      | DRAIN INLET                |
| ---      | ---      | RETAINING WALL             |
| ---      | ---      | SCREEN WALL                |
| ---      | ---      | UTILITY POLE               |
| ---      | ---      | STREET LIGHT               |
| ---      | ---      | POWER LINE/POLE            |
| ---      | ---      | TELEPHONE LINE             |
| ---      | ---      | WATER LINE                 |
| ---      | ---      | SANITARY SEWER LINE        |
| ---      | ---      | STORM SEWER LINE           |
| ---      | ---      | GAS LINE                   |
| ---      | ---      | STORM MANHOLE              |
| ---      | ---      | FIRE HYDRANT               |
| ---      | ---      | FIRE DEPARTMENT CONNECTION |
| ---      | ---      | WATER VALVE                |
| ---      | ---      | REDUCER                    |
| ---      | ---      | SEWER MANHOLE              |
| ---      | ---      | CLEANOUT                   |
| ---      | ---      | GAS VALVE                  |
| ---      | ---      | PL-RIGHT-OF-WAY            |
| ---      | ---      | PL-ADJACENT CENTERLINE     |
| ---      | ---      | EASEMENT LINE              |
| ---      | ---      | FLOW LINE                  |
| ---      | ---      | SON W/POLE SAWCUT LINE     |
| ---      | ---      | AREA LIGHT                 |
| ---      | ---      | WATER METER                |
| ---      | ---      | AC PAVEMENT                |
| ---      | ---      | 6" TYPE "A" CURB           |
| ---      | ---      | 24" TYPE "L" CURB & GUTTER |
| ---      | ---      | 30" ROLL CURB              |
| ---      | ---      | BACK WATER VALVE           |

**COLLINS ENGINEERS**  
3330 S. DURANGO DR., SUITE 404  
LAS VEGAS, NV 89117  
PHONE: (702) 248-8000  
FAX: (702) 248-8070  
www.collinsengr.com

**PROFESSIONAL ENGINEER STATE OF NEVADA**  
THOMAS D. MILLER  
EXP. 12-31-17  
CIVIL  
NO. 15776  
5-17

**IMPROVEMENT PLANS FOR DC PLAZA**  
APN:125-17-613-001  
FIRELANE, STREETLIGHT, SIGNAGE AND STRIPING PLAN

8451 FARM ROAD  
LAS VEGAS, NEVADA

| NO. | DATE     | DESIGN BY | APPROVED BY | DESCRIPTION                                             |
|-----|----------|-----------|-------------|---------------------------------------------------------|
| 1   | 01-15-17 | JDM       | JDM         | REVISED STRIPING AND REVISED MEDIAN ISLAND ON FARM ROAD |

CEI PROJECT: 4136  
DESIGN BY: JDM SR  
DRAWN BY: JDM SR  
CHECKED BY: TDM P.E.

DATE: 03/13/17  
SCALE: 1"=30'  
SHEET NUMBER: C6.01  
SHEET 25 OF 45  
H # 64486