

GENERAL NOTE:
IT IS THE CONTRACTOR'S RESPONSIBILITY TO FILE A NOTICE OF INTENT/REQUEST TO BE INCLUDED IN THE STORM WATER GENERAL PERMIT, AND SUBMIT THE ASSOCIATED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS REQUIRED BY FEDERAL AND MONITORED BY THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION.

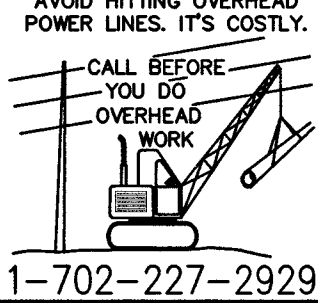
CALL BEFORE YOU DIG
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

FAST
Call before you dig
Underground
1-702-432-5300
FREWAY AND ARTERIAL
SYSTEM OF TRANSPORTATION

1-800-227-2600

NOTE:
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES SUCH AS BUT NOT LIMITED TO THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF THE VEGETATION.

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



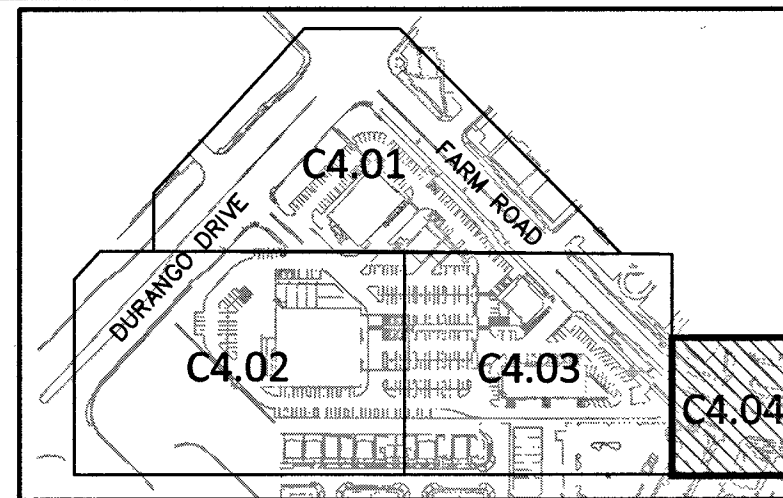
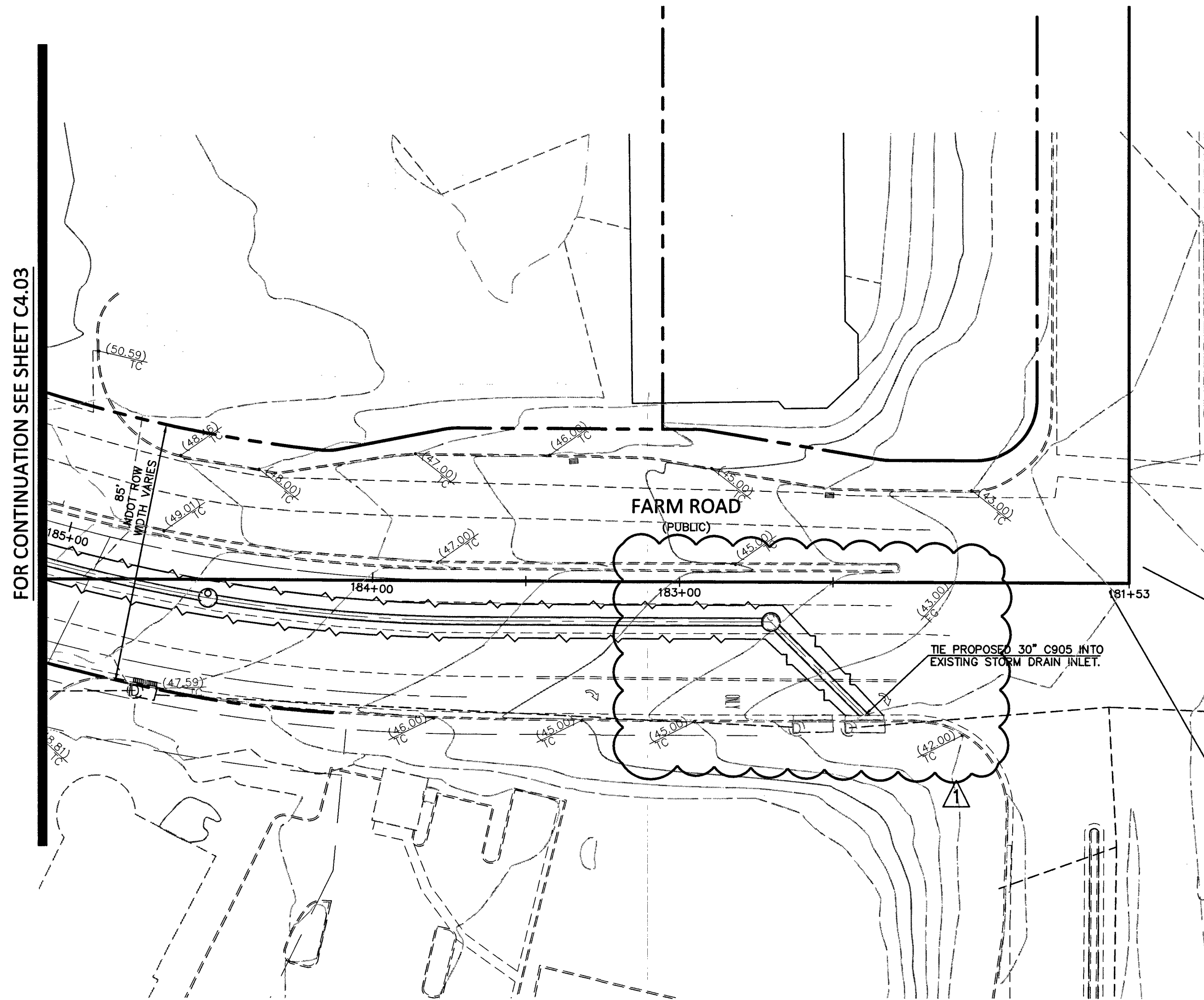
COLLINS ENGINEERS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE 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	EXISTING	PROPOSED
(0.00)	0.00%	PL-RIGHT-OF-WAY	PL-ADJACENT
XX	XX	CENTERLINE	EASEMENT LINE
①	①	FLOW LINE	SIGN W/POLE
②	②	DROP INLET	SAWCUT LINE
③	③	CONTOUR	RETAINING WALL
④	④	SCREEN WALL	

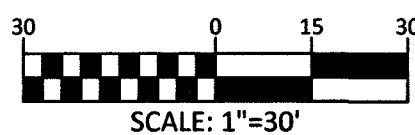
EXISTING **PROPOSED**

AC PAVEMENT	AC PAVEMENT
6" TYPE "A" CURB	6" TYPE "A" CURB
24" TYPE "L" CURB & GUTTER	24" TYPE "L" CURB & GUTTER
30" ROLL CURB	30" ROLL CURB
CONCRETE	CONCRETE



KEY MAP
NTS

GRAPHIC SCALE



BASIS OF BEARING

SOUTH 00°08'57" WEST, BEING THE WEST LINE OF THE GOVERNMENT LOT 11, LYING WITHIN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 17, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN IN BOOK 140, PAGE 12 OF PLATS IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK # 5LV90 1756

A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF OSO BLANCA ROAD AND DURANGO DRIVE.

NAVD 88 ELEVATION = 798.4331 METERS / 2619.53 FEET
NORTH AMERICAN DATUM OF 1988

CONSTRUCTION NOTES

NO.	ITEM	USDOCA: UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
①	CONSTRUCT TYPE "A" CURB PER DETAIL "A" SHEET C8.01.	
②	CONSTRUCT TYPE "L" CURB PER USDOCA NO. 219.	
③	CONSTRUCT SIDEWALK PER USDOCA NO. 234.	
④	CONSTRUCT 3" CONCRETE VALLEY GUTTER PER DETAIL "B" SHEET C8.01.	
⑤	CONSTRUCT 2" AC PAVEMENT OVER 6" TYPE II AGGREGATE BASE (CAR).	
⑥	CONSTRUCT 3" AC PAVEMENT OVER 6" TYPE II AGGREGATE BASE (TRUCK).	
⑦	CONSTRUCT 0" TALL TYPE "A" CURB PER DETAIL "C" SHEET C8.01.	
⑧	LOADING DOCK AREA. SEE STRUCTURAL PLANS.	
⑨	LANDSCAPE AREA. SEE LANDSCAPE PLANS FOR DETAILS.	
⑩	LANDSCAPE SWALE. FINE, CLOSE GROWING, WATER RESISTANT GRASSES OR APPROVED EQUIVALENT.	
⑪	CONSTRUCT CURB OPENING (SIZE PER PLAN) PER DETAIL "D" SHEET C8.01.	
⑫	INSTALL 60" TYPE 1 STORM DRAIN MANHOLE PER USDOCA NO. 403.	
⑬	CONSTRUCT INTEGRAL CURB PER DETAIL "A" SHEET C4.01	
⑭	NOT USED	
⑮	INSTALL STORM DRAIN PIPE (SIZE PER PLAN) PER USDOCA NO. 503.	
⑯	NOT USED	
⑰	CONSTRUCT CURB TRANSITION FROM 6" TALL CURB TO 0" TALL CURB.	
⑱	CONSTRUCT BLOCK RETAINING WALL PER STRUCTURAL PLANS.	
⑲	"DO NOT POLLUTE DRAINS TO LAKE MEAD" STAMP PER USDOCA DWG. 421	
⑳	RIP RAP AS SHOWN PER PLAN.	
㉑	INSTALL ADA COMPLIANT RAMP AND TACTILE SENSORS PER USDOCA NO. 235	
㉒	INSTALL 6" TALL STANDARD SCREENWALL WITH "L" TYPE FOOTINGS PER DETAIL "E", SHEET C8.04. SEE ARCHITECTURAL PLANS FOR COLOR AND BLOCK TYPE.	
㉓	CONSTRUCT 4" CONCRETE VALLEY GUTTER PER DETAIL "B" SHEET C8.01.	
㉔	NDOT TYPE "III" DROP INLET - SEE SHEET C8.03, AND STORM WATER QUALITY MANAGEMENT STAMP PER USDOCA DRAWING NO. 421.	
㉕	INSTALL JERSEY BARRIER PER NDOT STANDARD DRAWING NO. R.8.6.1 SEE DETAIL "J" C8.01	
㉖	INSTALL 3" TALL MODIFIED SCREENWALL ON 4' RETAINING WALL PER DETAIL "D" SHEET C8.04. SEE ARCHITECTURAL PLANS FOR COLOR AND BLOCK TYPE.	
㉗	SEE ARCHITECTURAL PLANS FOR TRASH ENCLOSURE DETAILS.	
㉘	CONSTRUCT CURB OPENING FOR NDOT MAINTENANCE VEHICLES PER DETAIL "G" C8.01.	
㉙	INSTALL HANDRAIL ON TOP OF WALL.	
㉚	BLOCK WALL (LVWD EQUIPMENT) SEE LANDSCAPE PLANS	
㉛	CONSTRUCT NON-EQUESTRIAN MULTI-USE TRAIL, 10' WIDE PER DETAILS "A,B, AND C" ON SHEET C8.05	
㉜	CONSTRUCT COMMERCIAL DRIVEWAY PER NDOT STANDARD R-5.3.3 WITH 8" WIDE VALLEY GUTTER.	
㉝	INSTALL MODIFIED ADA COMPLIANT RAMP PER DETAIL "F" AND "E" ON SHEET C8.04	

NOTE:

ALL ON-SITE STORM DRAIN SYSTEMS AND THE ASSOCIATED FACILITIES ARE PRIVATELY OWNED AND TO BE PRIVATELY MAINTAINED BY THE OWNERS/HOA.

FLOOD ZONE NOTE:

THE PROJECT SITE LIES WITHIN ZONE X AS PER FEMA FIRM PANEL 32003C1745E DATED NOVEMBER 16, 2011.

OFFSITE IMPROVEMENTS

SEE SHEETS C4.05-C4.08 FOR OFFSITE IMPROVEMENT PLANS.

ALL GRADING WORK SHALL BE IN STRICT ACCORDANCE WITH THE SOILS REPORT FOR THE SITE ENTITLED "PROPOSED COMMERCIAL DEVELOPMENT SOUTH CORNER OF DURANGO DR. AND FARM RD."

PROJECT NO.: 4125XD130, DATED DECEMBER 22, 2015

PREPARED BY:

WESTERN TECHNOLOGIES INC.
6633 WEST POST ROAD
LAS VEGAS, NV 89118
PHONE NO. (702) 798-8050
FAX NO. (702) 798-7664

ALL WORK SHALL BE PERFORMED UNDER THE DIRECTION OF A REGISTERED PROFESSIONAL SOILS ENGINEER.

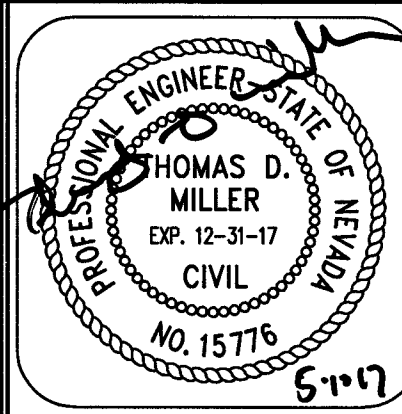
I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE WITH THE CITY OF LAS VEGAS. DS# 4710A

THOMAS D. MILLER - 15776
DATE

5-1-17
107V6734

COLLINS ENGINEERS

3130 S. DURANGO DR., SUITE 404
LAS VEGAS, NV 89117
PHONE: (702) 248-8000
FAX: (702) 248-8070
www.collinsengr.com



IMPROVEMENT PLANS FOR DC PLAZA

APN: 125-17-613-001

GRADING PLAN
8451 FARM ROAD
LAS VEGAS, NEVADA

NO.	DATE	DESIGN BY	DESCRIPTION
1	03-17-17	APPROVED: JDM	REVISE STORM DRAIN & ADD EXISTING WATERLINE CROSSING

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
C4.04
SHEET 10 OF 45
H # 64486