

Memorandum

Department of Public Works
City Engineer Division
Survey Section
333 North Rancho Dr., 8th Floor
Las Vegas, Nevada 89106
Phone (702) 229-6217
Fax (702) 804-8582

To: Michael Cunningham, Manager
Building and Safety Department

From: Alan R. Riecki, PLS **MFL**
City Surveyor

C: James T. Stovall, PLS
Taney Engineering

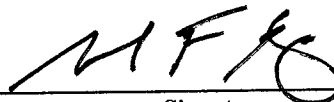
Oh-Sang Kwon, P.E., Engineering Project Manager
Flood Control Section

Date: February 13, 2020

Re: Storm Drain Final Location Map
DC PLAZA
(Drawing No. 107V6734, L-Civil No. 64486)

The Survey Section has reviewed the Final Location Map and as far as our jurisdiction of this project is concerned, we find that the map is:

Acceptable: February 13, 2020



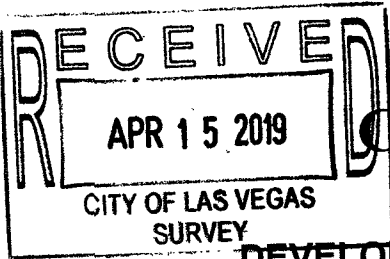
Signature

FOR: City Surveyor

Title

Public Works/Survey

Department/Division



CITY OF LAS VEGAS
BUILDING AND SAFETY DEPARTMENT

OFFSITE INSPECTION & TESTING
333 NORTH RANCHO DRIVE
LAS VEGAS, NV 89106
PHONE: (702) 229-6337
FAX: (702) 631-3000

DEVELOPER'S SUBMITTAL OF LOCATION COORDINATES

- Sewer
- Storm Drain
- Electronic Comma Delineated File
- Final Location Map (2 copies each for either sewer OR storm drain)

NOTE: THE TOP PART OF THIS FORM MUST BE FILLED OUT IN ITS ENTIRETY

PROJECT NAME: DC PLAZA - FARM ROAD AND DURANGO DRIVE UNIT: PHASE:
 PROJECT LOCATION: FARM ROAD AND DURANGO DRIVE
 CLV PLAN #: 64486 CLV PROJECT # SHEET NO. (S): 2
 # OF MANHOLES PUB. SEWER/STORM DRAIN LIN. FT. # OF PRIVATE LATERALS

DEVELOPER: R&O CONSTRUCTION PHONE: 702-895-9322 FAX: 702-895-9388
 SURVEY CO.: TANEY ENGINEERING PHONE: 702-362-5544 FAX: 702-362-5233
 CONTRACTOR: R&O CONSTRUCTION PHONE: 702-895-9322 FAX:
 CONTRACTOR'S SUPERVISOR NAME: JEREMIAH BOOTHE MOBILE: 702-370-1033
 DATE OF REQUEST:

SUBMIT DIRECTLY TO THE OFFICE OF THE CITY SURVEYOR LOCATED ON THE 8th FLOOR OF THE DSC / 333 N Rancho, 89106

Please get a stamped copy of this form for your records.

CITY USE ONLY

DATE AND INITIALS / RECEIVED BY THE CITY SURVEYOR

ACCEPTABLE BY CITY SURVEYOR DATE: 2/13/20 NOT ACCEPTABLE BY CITY SURVEYOR DATE

CLV SURVEYOR'S SIGNATURE: *[Signature]* DATE: 2/13/2020

THE CITY OF LAS VEGAS RECOMMENDS THAT ALL DEFICIENCIES NOTED ON THE ATTACHED SURVEY REPORT BE CORRECTED PRIOR TO THE FINAL ACCEPTANCE.

Notes:

ROUTING:

- > Once "ACCEPTABLE"; SURVEY to forward a copy of this form to O.I.T. for the file.
- > Final Location Maps to be forwarded to and retained by Flood Control or Sanitation Engineer respectively.

64486
102

STORM DRAIN FINAL LOCATION MAP

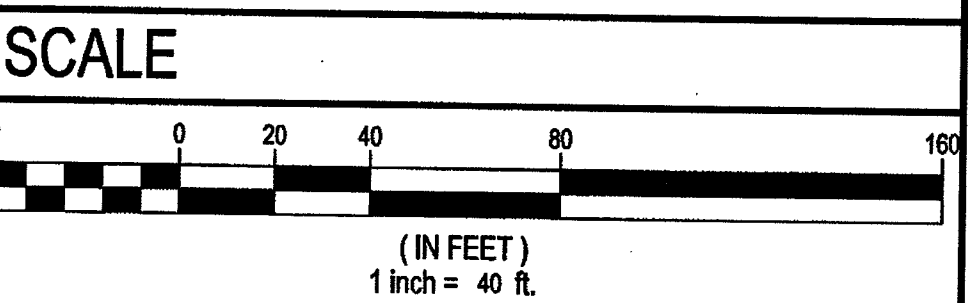
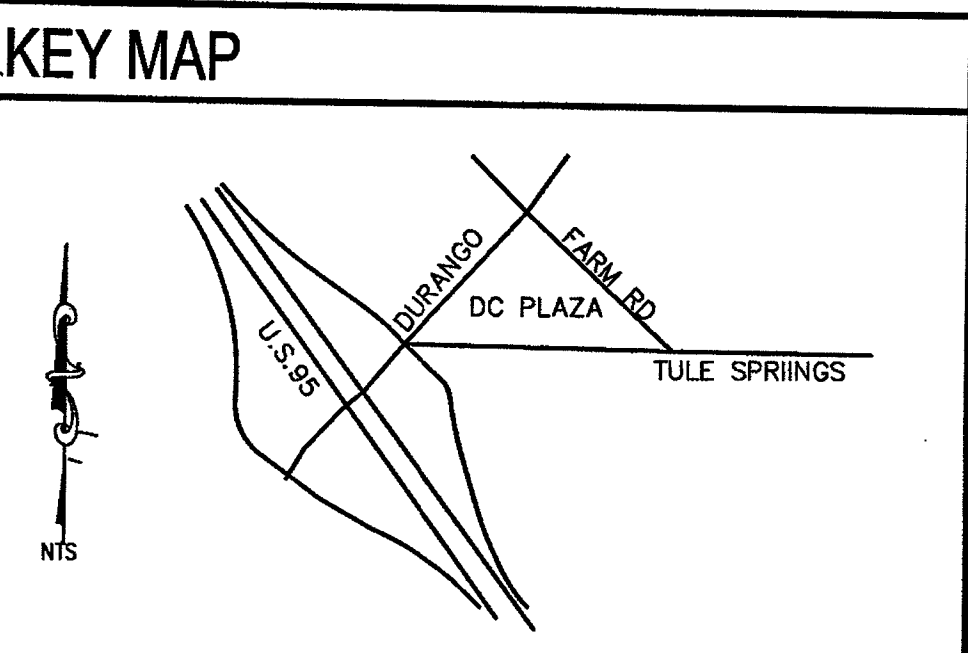
DC PLAZA - FARM ROAD & DURANGO DRIVE



LEGAL DESCRIPTION
FARM & DURANGO COMMERCIAL CENTER AS SHOWN IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN BOOK 152, PAGE 84 OF PLATS, LYING WITHIN THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 17, TOWNSHIP 19 SOUTH, RANGE 009 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

BASIS OF BEARINGS
THE BASIS OF BEARINGS IS GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 115°35' WEST OF THE GREENWICH MERIDIAN.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK 5LV90 1756, RIVET AND ROUND PLATE IN TOP OF CURB AT NORTHWEST CORNER OF OSO BLANCA ROAD AND DURANGO DRIVE
ELEV. = 2819.53 FEET/798.433 METERS (NAVD88) 2008 CLV ADJUSTMENT



ABBREVIATIONS

AC ASPHALTIC CONCRETE	N NORTH
BC BACK OF CURB	NTS NOT TO SCALE
BCR BACK OF CURB RADIUS	OC ORIGIN
BM BENCHMARK	OR OFFICIAL RECORDS OF CLARK COUNTY
BVC BEGIN VERTICAL CURVE	PB PULL BOX
CATV CABLE TELEVISION	PC POINT OF CURVE
CC CLARK COUNTY	PCC POINT OF COMPOUND CURVE
CL CENTERLINE	PI POINT OF INTERSECTION
CLV CITY OF LAS VEGAS	PL PLATE
CLV CITY OF NORTH LAS VEGAS	PLT POINT OF CONNECTION
CO CLEAN OUT SEWER	PP POWER POLE
COH CITY OF HENDERSON	PRC POINT OF REVERSE CURVE
CY CUBIC YARD	PT POINT OF TANGENCY
DCSWDC DESIGN AND CONSTRUCTION STANDARDS OF WASTE WATER COLLECTION SYSTEMS	PVC POLYVINYL CHLORIDE
DG DESIGN GRADE	R RADIUS
DI DROP INLET	R2B REINFORCED CONCRETE BOX
DIP DUCTILE IRON PIPE	RCP REINFORCED CONCRETE PIPE
E EAST	RHW RIGHT-OF-WAY
EL ELEVATION	R RIGHT
EC END OF CURVE	SD SOUTHERN NEVADA WATER AUTHORITY
EP EDGE OF PAVEMENT	SS SANITARY SEWER
EVC END VERTICAL CURVE	STA STATION
EX EXISTING	STD STANDARD
FF FINISH FLOOR ELEVATION	SVZ SIGHT VISIBILITY ZONE
FG FINISH GRADE	SW SIDEWALK
FH FIRE HYDRANT	SW SW
FL FLOW LINE	TC TOP OF CURB
FT FEET	TF TOP OF FOOTING
GB GRADE BREAK	TR TOP OF RETAINING
GF GARAGE FINISH FLOOR	TW TOP OF WALL
HP HIGH POINT	TYP TYPICAL
INV INVERT	UDMS UNIFORM DESIGN AND CONSTRUCTION STANDARDS
LAT SEWER LATERAL	USD UNIFORM STANDARD DRAWING
LF LINEAR FEET	VCP VERTICAL CURVE
LVLD LAS VEGAS VALLEY WATER DISTRICT	VCP VITRIFIED CLAY PIPE
MAX MAXIMUM	VQ VALVE QUILTER
MI MANHOLE	W WATER
MIN MINIMUM	ZC ZERO LIP CURB

LEGEND

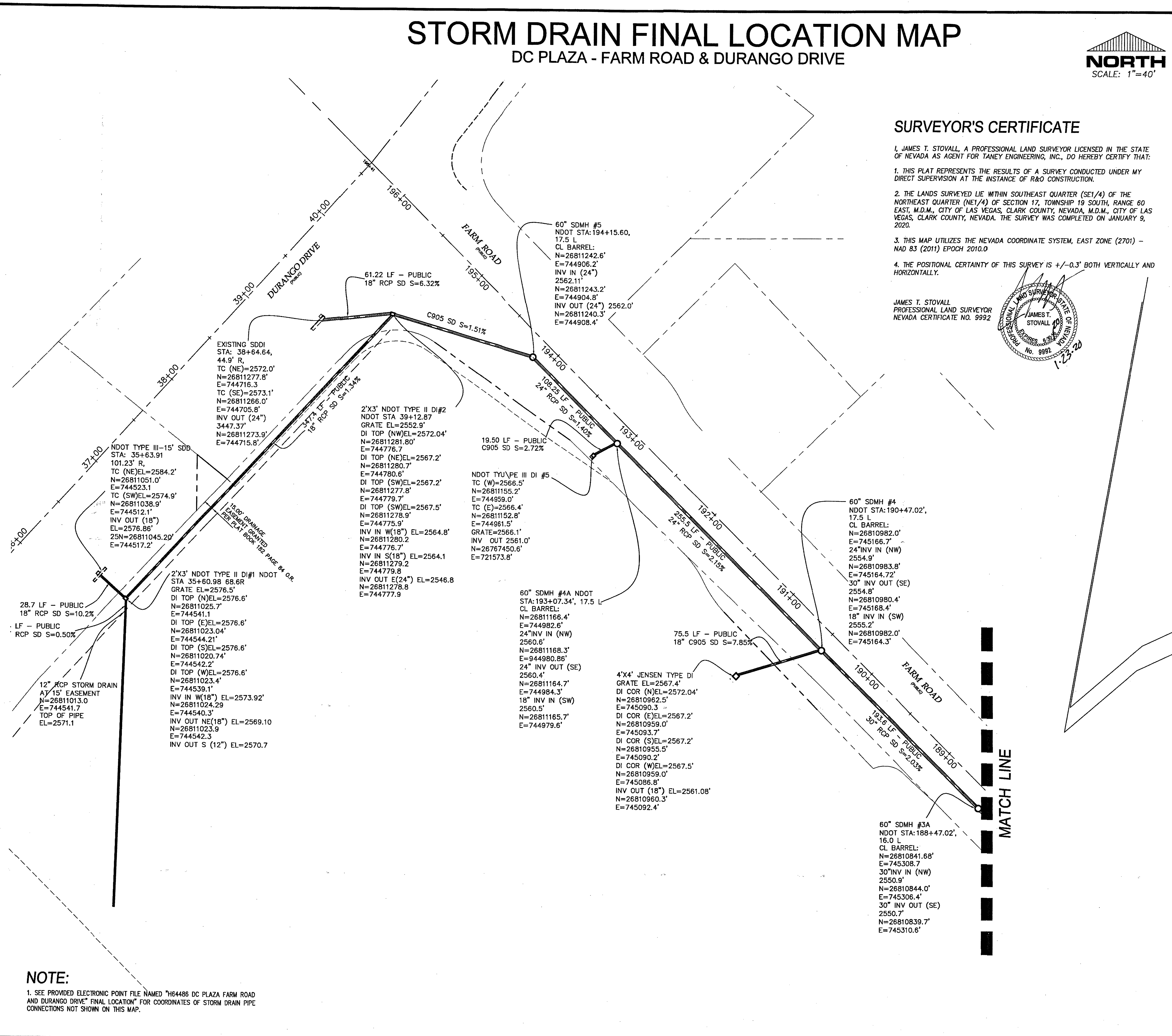
SUBDIVISION BOUNDARY	---
CENTERLINE	---
RIGHT-OF-WAY/LOT LINE	---
REINFORCED CONCRETE PIPE	---
DROP INLET WITH CONCRETE APRON	---
DROP INLETS AT CURB	---
36"x36" PRECAST DROP INLET	---

UnderGround
1-702-455-6000
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6611
LAS VEGAS, NV 89102

FAST
Call before you dig
Underground
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PREWAY & ARTISAL SYSTEM OF TRANSPORTATION

Call Before You Dig
1-800-227-2600
CLARK COUNTY TRAFFIC OPERATIONS
1-800-455-6000

Call Before You Dig
1-800-227-2929

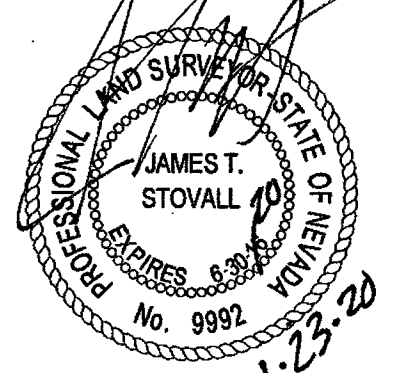


SURVEYOR'S CERTIFICATE

I, JAMES T. STOVALL, A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF NEVADA AS AGENT FOR TANEY ENGINEERING, INC., DO HEREBY CERTIFY THAT:

- THIS PLAT REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION AT THE INSTANCE OF R&O CONSTRUCTION.
- THE LANDS SURVEYED LIE WITHIN SOUTHEAST QUARTER (SE1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 17, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA. THE SURVEY WAS COMPLETED ON JANUARY 9, 2020.
- THIS MAP UTILIZES THE NEVADA COORDINATE SYSTEM, EAST ZONE (2701) - MAD 83 (2011) EPOCH 2010.0
- THE POSITIONAL CERTAINTY OF THIS SURVEY IS +/- 0.3' BOTH VERTICALLY AND HORIZONTALLY.

JAMES T. STOVALL
PROFESSIONAL LAND SURVEYOR
NEVADA CERTIFICATE NO. 9992



WILLIAM LYON HOMES 500 PLOT ROAD, SUITE G LAS VEGAS, NV 89119 (702) 265-5000 FAX: (702) 265-8220	TANEY ENGINEERING 800 S. JONES BOULEVARD LAS VEGAS, NV 89118 (702) 962-8844 FAX: (702) 962-5233	DC PLAZA APN 125-17-613-001 FARM ROAD & DURANGO DRIVE	STORM DRAIN FINAL LOCATION MAP	REVISIONS
ENGINEER'S SEAL				
DATE:		1-23-20		
SCALE:		1"= 40'		
JOB NO.:		RCN16004		
DRAWN BY:		JTS		
CHECKED BY:		JTS		
SHEET NAME:		UT		
SHEET:		1 OF 2		
CLVDWG# -107V6734				
CLV HANSEN # - H64486				

LEGAL DESCRIPTION

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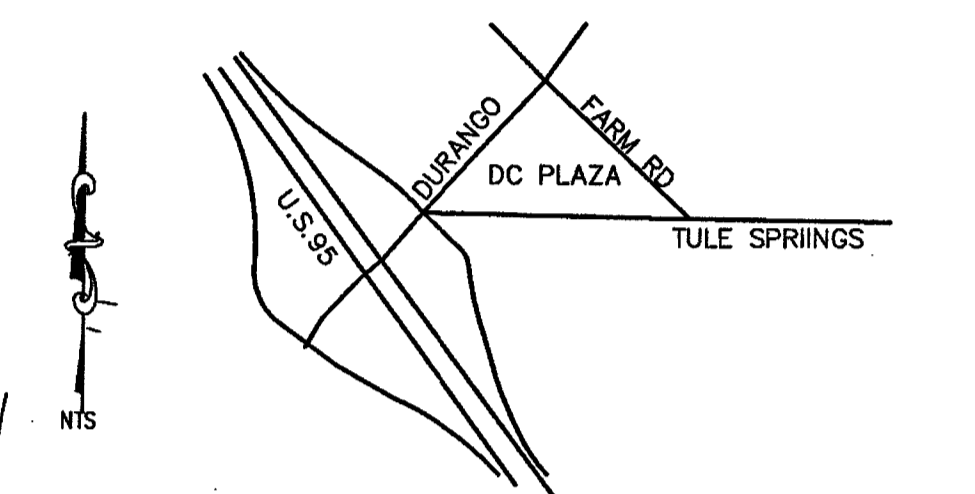
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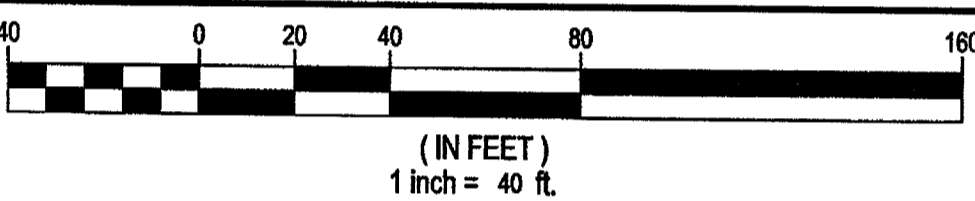
BENCHMARK

CITY OF LAS VEGAS BENCHMARK 8LV90 1786, RIVET AND ROUND PLATE IN TOP OF CURB AT NORTHWEST CORNER OF OSO BLANCA ROAD AND DURANGO DRIVE
ELEV. = 2619.53 FEET/798.4331 METERS (NAVD88) 2008 CLV ADJUSTMENT

KEY MAP



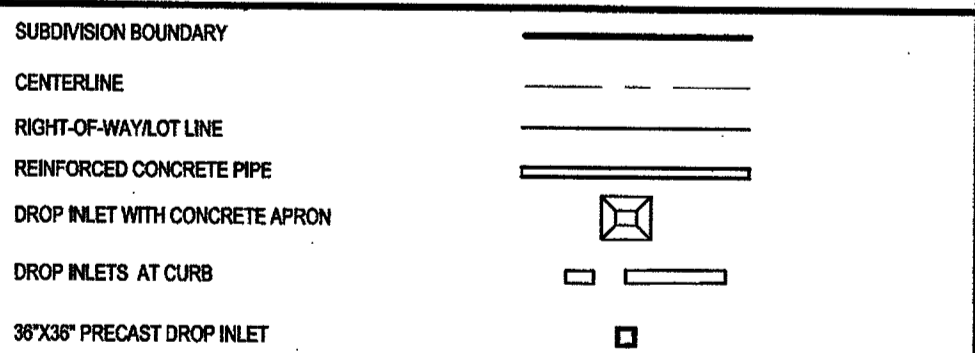
SCALE



ABBREVIATIONS

AC ASPHALTIC CONCRETE	N NORTH
BC BACK OF CURB	NTS NOT TO SCALE
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BM BENCHMARK	OR OFFICIAL RECORDS OF CLARK COUNTY
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CO CLEAN OUT, SEWER	PRC POINT OF TANGENCY
COH CITY OF HENDERSON	R POLYVINYL CHLORIDE
CY CUBIC YARD	RADIUS
DCRWS DESIGN AND CONSTRUCTION STANDARDS OF WASTE WATER COLLECTION SYSTEMS	RCC REINFORCED CONCRETE BOX
DG DESIGN GRADE	RCP REINFORCED CONCRETE PIPE
DI DROP INLET	RIP RIGHT-OF-WAY
DIP DUCTILE IRON PIPE	RT RIGHT
E EAST	SD STORM DRAIN
EL ELEVATION	STL STREETLIGHT
EC END OF CURVE	SNWA SOUTHERN NEVADA WATER AUTHORITY
EP EDGE OF PAVEMENT	SS SANITARY SEWER
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EX EXISTING	STD STANDARD
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FT FEET	TF TOP OF FOOTING
GB GRADE BREAK	TR TOP OF RETAINING
GFF GARAGE FINISH FLOOR	TW TOP OF WALL
HP HIGH POINT	TYP TYPICAL
INV INVERT	UDMCS UNIFORM DESIGN AND CONSTRUCTION STANDARDS
LAT SCHER LATERAL	USD UNIFORM STANDARD DRAWING
LF LINEAR FEET	VC VERTICAL CURVE
LT LEFT	VP VITRIFIED CLAY PIPE
LWVD LAS VEGAS VALLEY WATER DISTRICT	VG VALLEY GUTTER
MAX MAXIMUM	W WATER
MN MINIMUM	ZC ZERO LIP CURB

LEGEND



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1-702-229-6611
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LAS VEGAS AREA COMPUTERIZED

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1-800-455-6000

STORM DRAIN FINAL LOCATION MAP
DC PLAZA - FARM ROAD & DURANGO DRIVE

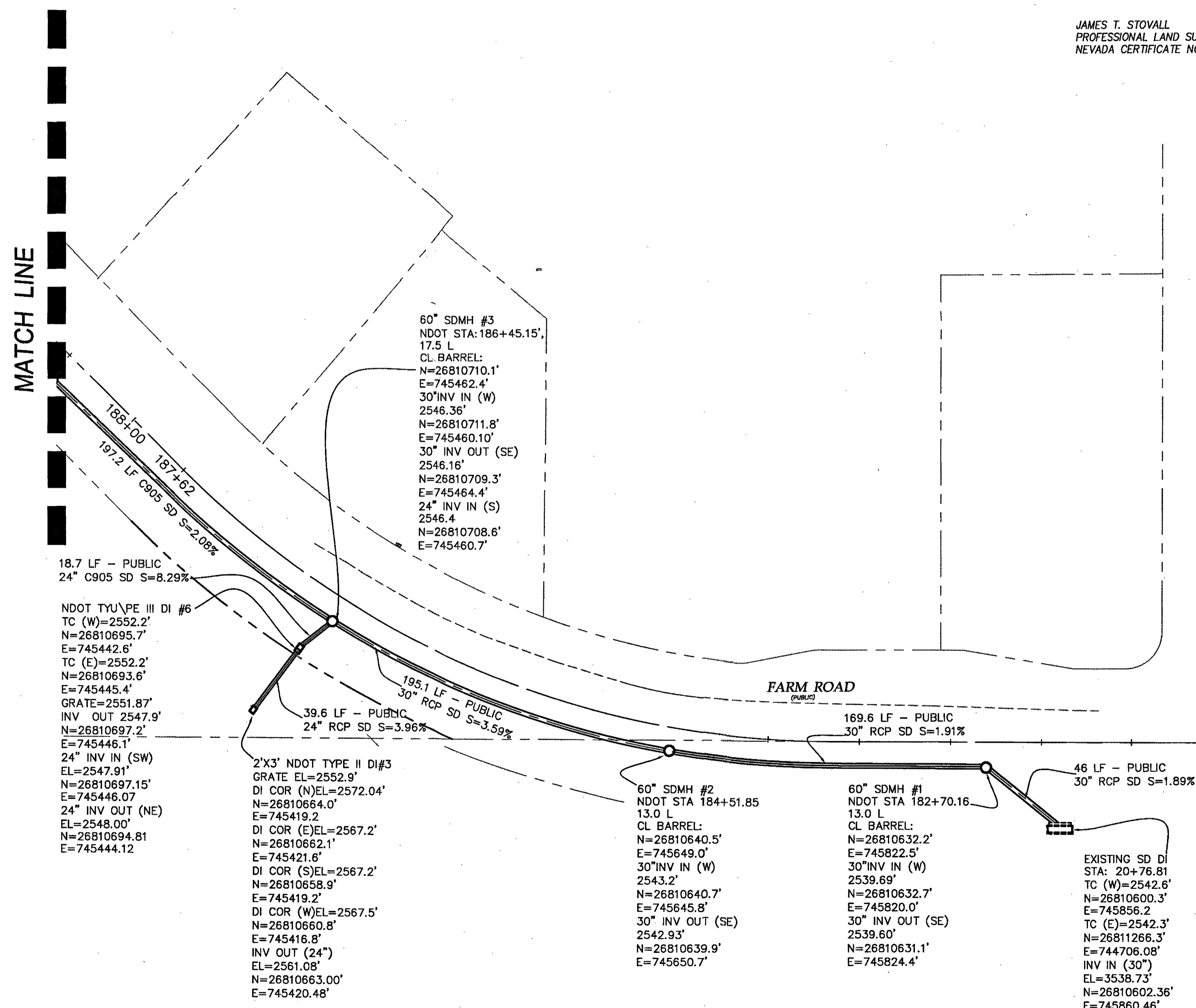
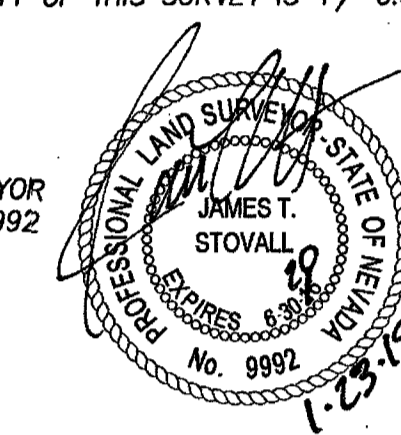


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JAMES T. STOVALL
PROFESSIONAL LAND SURVEYOR
NEVADA CERTIFICATE NO. 9992



NOTE:

1. SEE PROVIDED ELECTRONIC POINT FILE NAMED "H64486 DC PLAZA FARM ROAD AND DURANGO DRIVE" FOR COORDINATES OF STORM DRAIN PIPE CONNECTIONS NOT SHOWN ON THIS MAP.

NO.	DESCRIPTION	DATE	BY	APPR.
1	ADDRESS COMMENTS FOR APRIL 15, 2019*			

R&O CONSTRUCTION
500 PILOT ROAD, SUITE G
LAS VEGAS, NV 89118
(702) 283-4200 FAX: (702) 283-4220

TANEY ENGINEERING
6000 S. JONES BOULEVARD
LAS VEGAS, NV 89118
(702) 362-8684 FAX: (702) 362-2533

DC PLAZA
APN 125-17-613-001
FARM ROAD & DURANGO DRIVE

STORM DRAIN FINAL LOCATION MAP

ENGINEER'S SEAL	
DATE:	1/26/20
SCALE:	1"= 40'
JOB NO:	RCN16004
DRAWN BY:	JTS
CHECKED BY:	JTS
SHEET NAME:	UT
SHEET:	2 OF 2
CLV HANSEN # -	H64486