



CLV GENERAL NOTES

- 1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA," LATEST ISSUE...

CLV TRAFFIC NOTES

- 1. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.

CLV FIRE DEPARTMENT NOTES

- 1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LAS VEGAS FIRE AND RESCUE ADOPTED FIRE CODE ORDINANCE #6821 FOR HYDRANT SPECIFICATIONS AND HYDRANT INSTALLATION SPECIFICATIONS.

CLV SEWER NOTES

- 1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF DESIGN & CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED.

QUANTITIES

Table with columns for PAVING AND GRADING, STORM DRAIN, WATER, SEWER, TRAFFIC, PUBLIC, PRIVATE, and quantities.

RTC FAST NOTES

- 1. CONTRACTOR IS TO MAINTAIN AND KEEP OPERATIONAL ALL EXISTING ITS INFRASTRUCTURE WITHIN THE CONSTRUCTION LIMITS. IF ANY EXISTING ITS INFRASTRUCTURE IS DAMAGED DUE TO CONSTRUCTION...

RTC TRANSIT NOTES

- 1. THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE MORE THAN ONE CONSECUTIVE BUS STOP ON THE SAME SIDE OF THE STREET. TEMPORARY BUS STOPS AND BUS STOP AMENITIES SHALL BE AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANT AT ALL TIMES.

- 19. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT OR THE CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOW HEREON.

CLV GRADING NOTES

- 1. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.

CLV STREETLIGHT NOTES

- 1. ALL STREET LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE STREET LIGHTING PLANS. THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, LATEST REVISION (USS), AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA" (USD), LATEST REVISION.

CLV STORMWATER RUNOFF MANAGEMENT NOTES

- 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 BE DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT CONSTRUCTION PROJECT.

- 15. CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION SECTION) THROUGH THE PROJECTS OFFSITE INSPECTOR PRIOR TO INITIATING PAVING TO RECEIVE DIRECTION FOR ANY PERMANENT OR TEMPORARY MODIFICATIONS TO THE APPROVED DRAWINGS REGARDING FINAL PAVEMENT TRANSITIONS, MARKINGS AND SIGNING THAT ARE REQUIRED TO MATCH ADJACENT ROADWAY SEGMENTS.

LAS VEGAS VALLEY WATER DISTRICT NOTES

- 1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVWVD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVWVD COMMUNICATION SUPPORT CENTER (298-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

SOUTHERN NEVADA SOUTHWEST GAS CORP. GENERAL NOTES

- 1. IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-6020.

- 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 BE DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT CONSTRUCTION PROJECT.

15. NO LEAD COMPLIANCE NOTE: TO ADJACENT WITH THE FEDERAL SAFE DRINKING WATER ACT ALL WATER WORKS BRASS PRODUCTS PROPOSED TO BE RELOCATED, OR INSTALLED AS NEW MUST BE INSTALLED WITH THE LEAD FREE APPROVED PRODUCT. THE OLD LEADED PRODUCT MAY NOT BE REUSED.

APPROVED FOR CONSTRUCTION. LAS VEGAS VALLEY WATER DISTRICT PLANNING AND ENGINEERING SERVICES PROJECT# 122XXX. FIRST APPROVED DATE: LVWVD APPROVED FIRE FLOW XXXX GPM AT 20 PSI RESIDUAL. MAXIMUM AVAILABLE FIRE SPRINKLER FLOW XXXX GPM.

Call before you Dig. Avoid overhead power line contact. It's costly. Call before you Dig. Avoid undercutting underground utility lines. It's costly. CALL 811 OR 1-800-642-2444.

BASIS OF BEARING

N01°56'35"W BEING THE CENTERLINE OF D STREET, FROM BONANZA ROAD TO WASHINGTON AVENUE, AS SHOWN ON THAT CERTAIN RECORD OF SURVEY RECORDED IN FILE 118, PAGE 75, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK ID 5L0V1275W6 RIVET & PLATE IN TOP OF CURB AT SE CORNER OF BONANZA & D ST ELEVATION 616.74 METERS (NAVD 88\_V2013) 2025.43 FEET

UTILITY DISCLAIMER

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR EXISTING LOCATIONS.

DEVIATIONS FROM STANDARDS

- 1. XX

LEGAL DESCRIPTION

A PORTION OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

EARTHWORK

TOTAL FOR OVERALL DEVELOPMENT: 4.70 CY CUT / 1151.7 CY FILL / 1147 CY NET FILL. NOTE: THIS OPINION OF THE CUT AND FILL QUANTITIES IS PROVIDED AS REQUIRED BY THE GOVERNING ENTITY. THIS INFORMATION SHOULD NOT BE USED FOR BIDDING PURPOSES. ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN QUANTITIES. THESE TOTALS ARE RAW AND DO NOT ACCOUNT FOR SHRINKAGE AND SUBSIDENCE.

Table with columns for REVISIONS, DESCRIPTION, NO, BY, SHTS, APPR, DATE.

EV & A ARCHITECTS. EST. 2000. TANEY ENGINEERING & LAND SURVEYING. CIVIL ENGINEERING & LAND SURVEYING. 6030 S. JONES BLVD LAS VEGAS, NV 89118. (702) 362-8844. INFO@TANEYCORP.COM

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BONANZA & D STREET LVRM - WOMEN'S CENTER. GENERAL NOTES & QUANTITIES.

APPROVED FOR CONSTRUCTION. LAS VEGAS VALLEY WATER DISTRICT PLANNING AND ENGINEERING SERVICES PROJECT# 122XXX. FIRST APPROVED DATE: LVWVD APPROVED FIRE FLOW XXXX GPM AT 20 PSI RESIDUAL. MAXIMUM AVAILABLE FIRE SPRINKLER FLOW XXXX GPM.

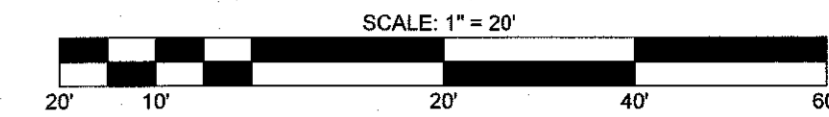
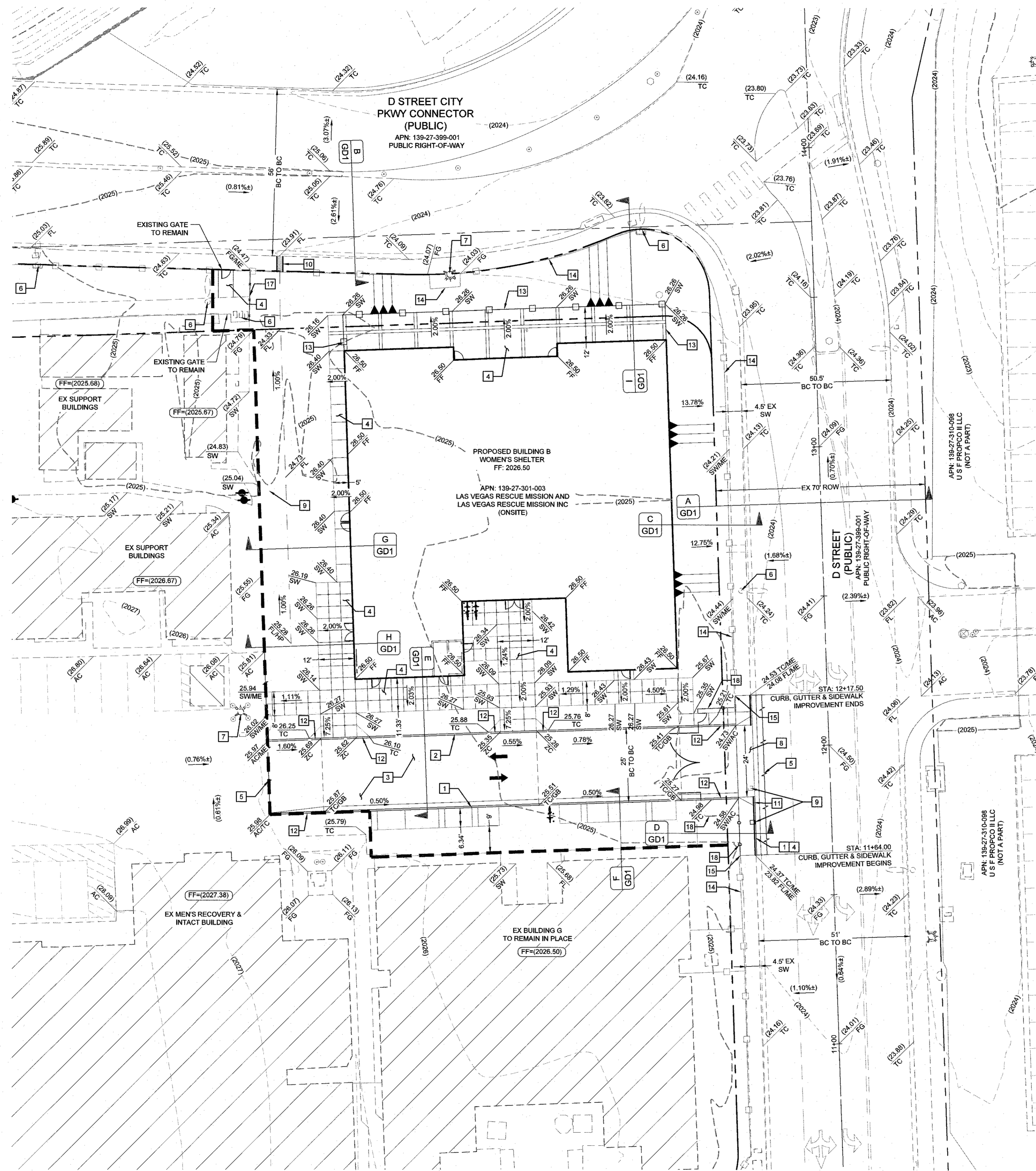
ROBERT CUNNINGHAM CIVIL. No. 15728. 519.24.

DATE: 3/19/2024. SCALE: N/A. JOB NO: LSM-21-001. DESIGNED BY: BPI CHECKED BY: JT. SHEET NAME: C2. SHEET NUMBER: 02 OF 05. CLV 000000.

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- GRADING CONSTRUCTION NOTES**
- 24" L-TYPE CURB & GUTTER (CCAUSD#216)
  - 6" A-TYPE CURB & GUTTER (CCAUSD#219)
  - AC PAVEMENT OVER AGG BASE - SEE GRADING DETAILS & SECTIONS FOR THICKNESS.
  - 4" THICK CONC. SIDEWALK WIDTH AS LABELED IN PLAN VIEW (CCAUSD#234)
  - SAWCUT AND MATCH EXISTING PAVEMENT
  - EX STREETLIGHT TO REMAIN AND BE PROTECTED IN PLACE
  - EX FIRE HYDRANT TO REMAIN AND BE PROTECTED IN PLACE
  - INSTALL DRIVEWAY PER CCAUSD#224
  - EX UTILITY BOX TO BE RELOCATED AND ADJUST TO GRADE
  - INSTALL SIDEWALK UNDERDRAIN (CCAUSD#239)
  - CURB TRANSITION FROM L TO DEPRESSED CURB (SEE DETAIL I/GD1)
  - CURB TRANSITION FROM A-TYPE / L-TYPE TO ZERO CURB (SEE DETAIL K/GD1)
  - INSTALL 6" HIGH INTERIOR PRIVACY SECURITY FENCE (DESIGN BY OTHERS)
  - EX PERIMETER FENCE TO REMAIN AND PROTECTED IN PLACE
  - LIMIT OF EXISTING FENCE TO BE REMOVED
  - EXISTING LVWD BACKFLOWS TO REMAIN AND BE PROTECTED IN PLACE
  - EXTEND CHAIN LINK FENCE TO CONNECT IT TO EX PERIMETER FENCE AT THE END OF SIDEWALK & FENCE REMOVAL (SEE PLANS BY OTHERS FOR DETAILS)
  - INSTALL PERIMETER FENCE AND GATE (SEE PLANS BY OTHERS FOR DETAILS)

**GEOTECHNICAL**

FIRM NAME  
 FIRM ADDRESS  
 LAS VEGAS, NV 89000  
 (702) XXX-XXXX  
 REPORT NO: XXXXXX  
 DATE: XXXXXX

**EARTHWORK**

TOTAL FOR OVERALL DEVELOPMENT: 4.70 CY CUT / 1151.7 CY FILL / 1147 CY NET FILL

NOTE: THIS OPINION OF THE CUT AND FILL QUANTITIES IS PROVIDED AS REQUIRED BY THE GOVERNING ENTITY. THIS INFORMATION SHOULD NOT BE USED FOR BIDDING PURPOSES. ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN QUANTITIES, THESE TOTALS ARE RAW AND DO NOT ACCOUNT FOR SHRINKAGE AND SUBSIDENCE.

**FLOOD ZONE**

THIS PROJECT IS LOCATED IN FLOOD ZONE "X", AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOOD PLAIN PER FIRM PANEL 32005C2170F, REVISED 11/16/2011

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**GRADING NOTES**

ADD 2000 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.

THE ELEVATION DIFFERENCE BETWEEN THE PAD AND FINISH FLOOR IS DETERMINED FROM THE MINIMUM THICKNESS REQUIRED PER THE GEOTECHNICAL REPORT. FINISH FLOORS MAY INCREASE DEPENDING ON THE TYPE OF SOIL AND FOUNDATION PLAN USED. NOTE THAT THE STRUCTURAL PLANS & GEOTECHNICAL REPORT SHALL SUPERSEDE THE CIVIL IMPROVEMENT PLANS.

ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO THE GOVERNING ENTITY.

**BENCHMARK**

CITY OF LAS VEGAS  
 BENCHMARK ID: LV0127SW6  
 RIVET & PLATE IN TOP OF CURB AT SE CORNER OF BONANZA & D ST  
 ELEVATION 516.74 METERS (MAVS 88\_V2013)  
 2023.43 FEET

**GRADING CERTIFICATION**

I CERTIFY THIS GRADING PLAN COMPLIES WITH THE APPROVED DRAINAGE STUDY, HTE# XX-XXXX, ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

ROBERT D. CUNNINGHAM, PE DATE

Avoid overhead power line contact. It's costly.

**Call before you Overhead**

1-702-227-2929

Call before you Dig

Avoid cutting underground utility lines. It's costly.

CALL **811** OR 1-800-942-2444

NO.	DESCRIPTION	BY	SHTS.	APPR.	DATE

EV & A ARCHITECTS

EST. 2000

**TANEY ENGINEERING & LAND SURVEYING**

6030 S. JONES BLVD  
 LAS VEGAS, NV 89118  
 (702) 362-8844  
 INFO@TANEYCORP.COM

BONANZA & D STREET  
 LYRM - WOMEN'S CENTER

**GRADING PLAN 1**

PROFESSIONAL ENGINEER

ROBERT D. CUNNINGHAM  
 Exp. 12-31-24  
 CIVIL

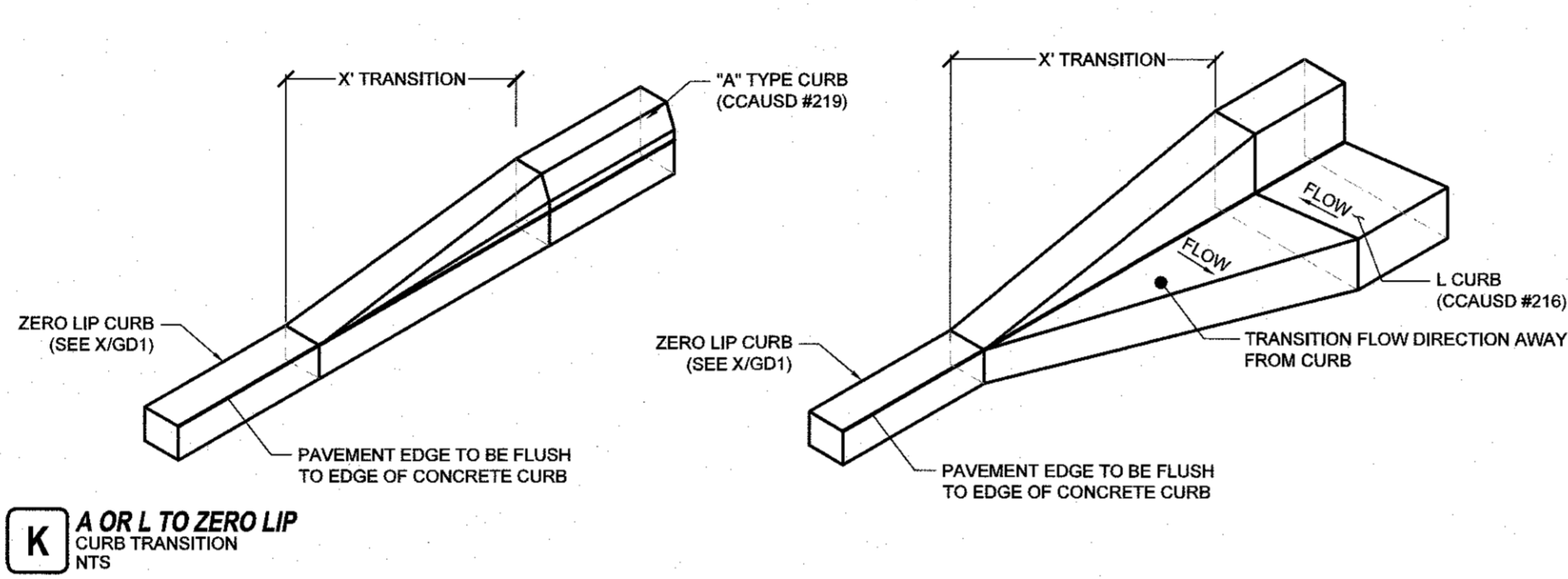
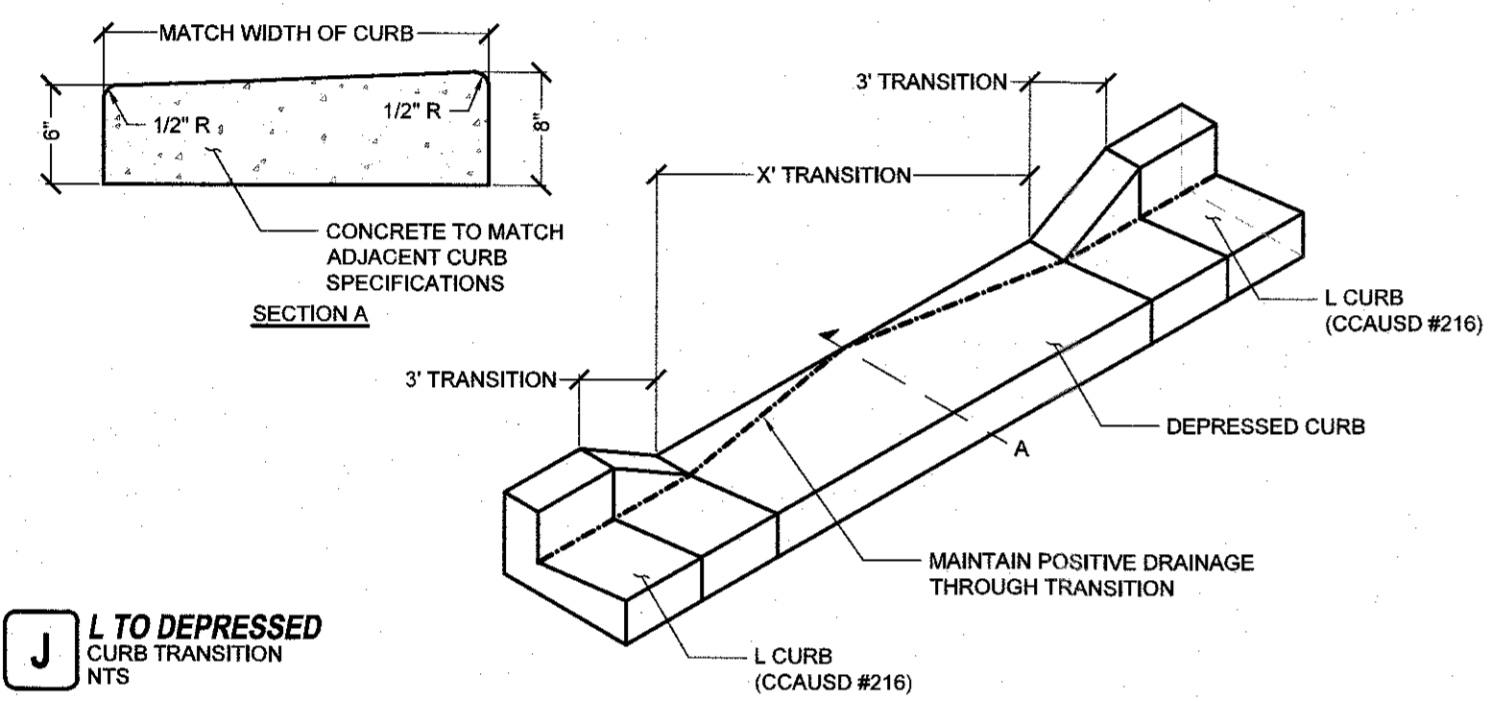
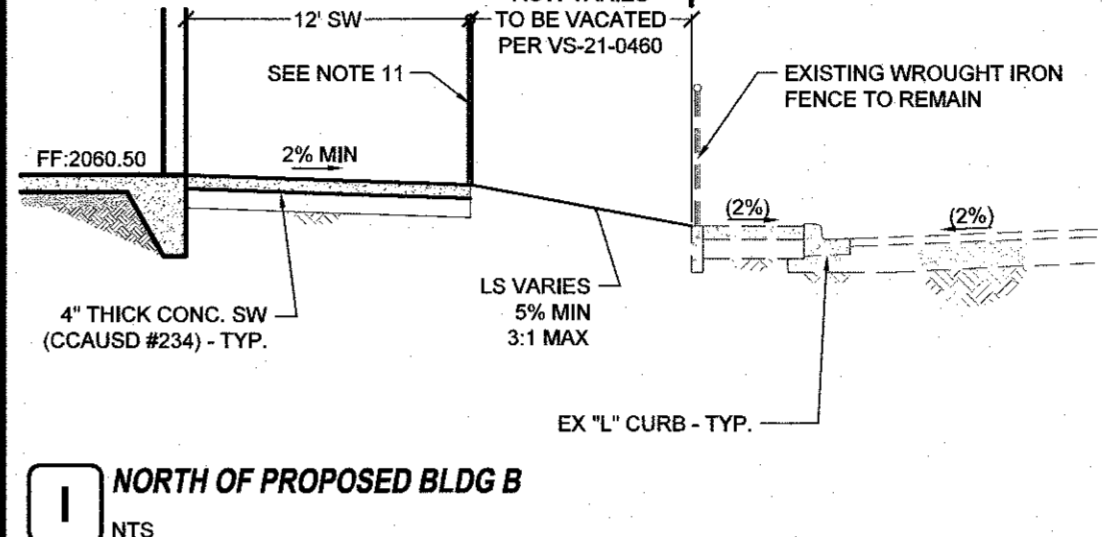
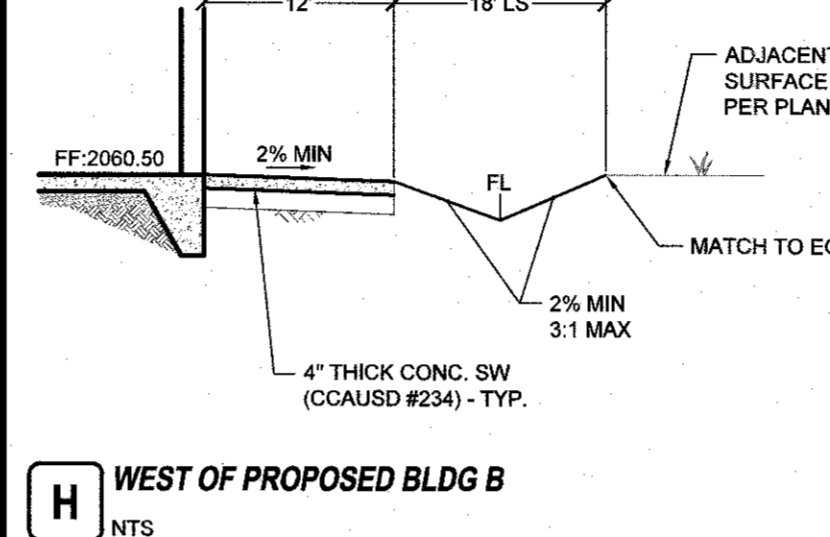
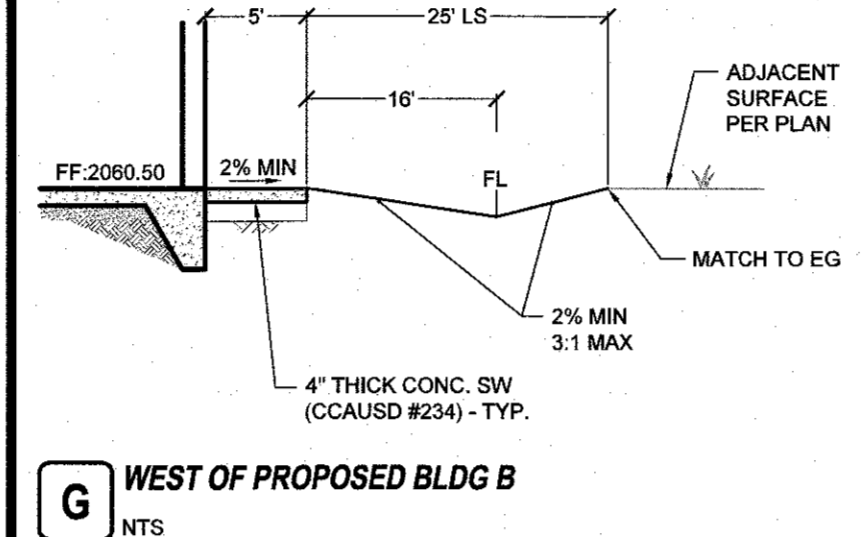
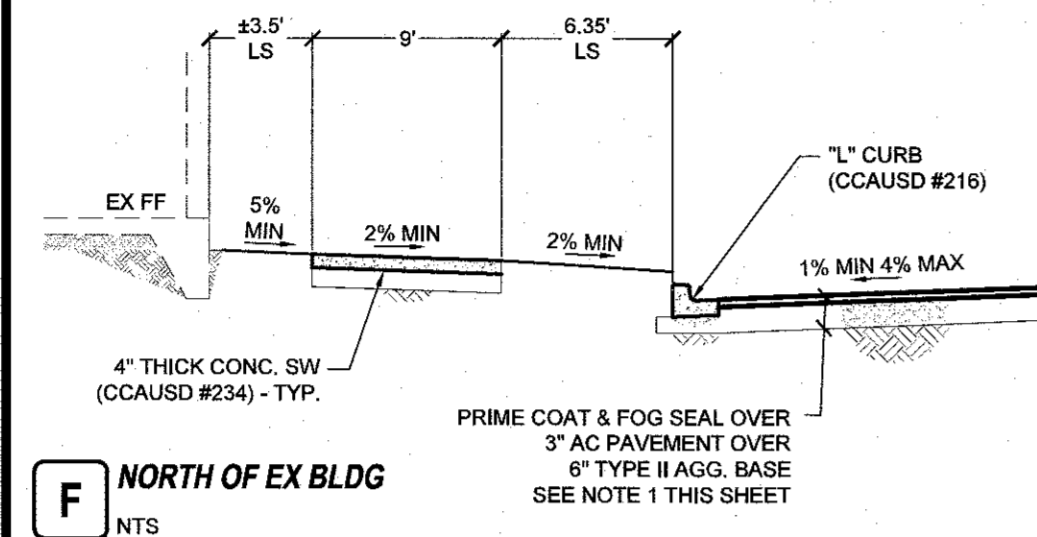
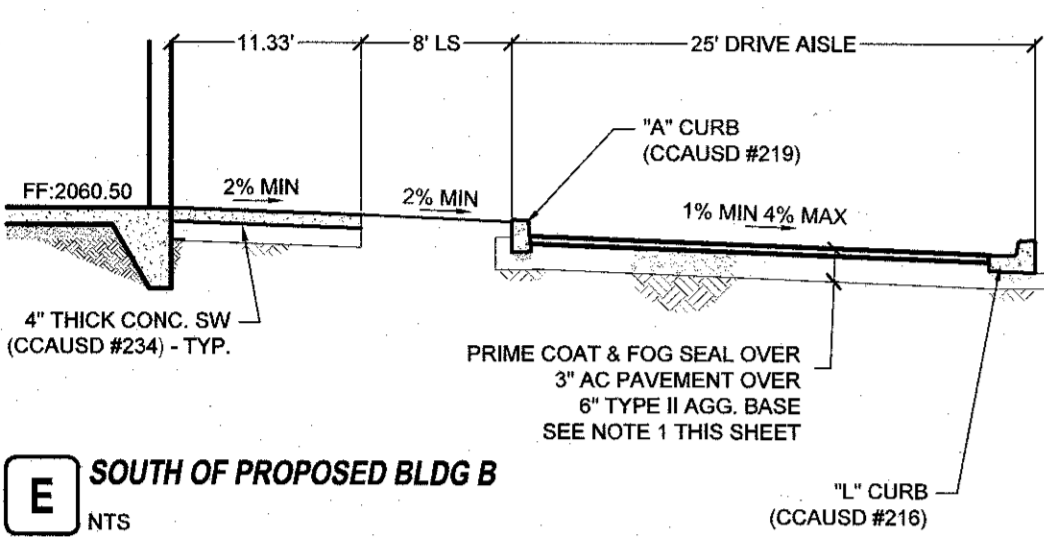
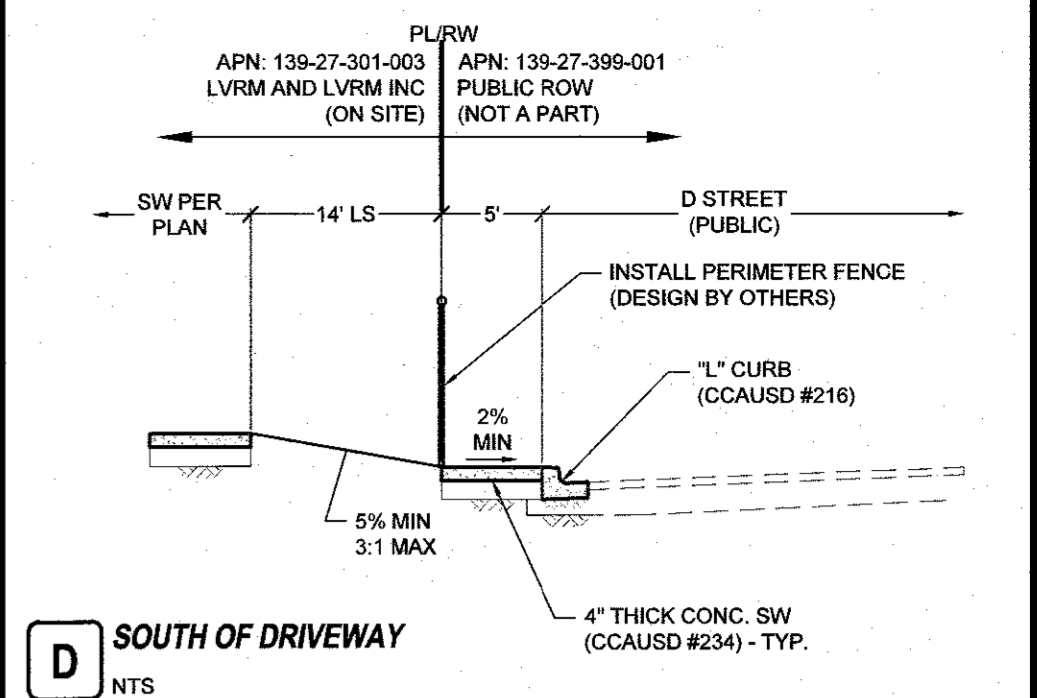
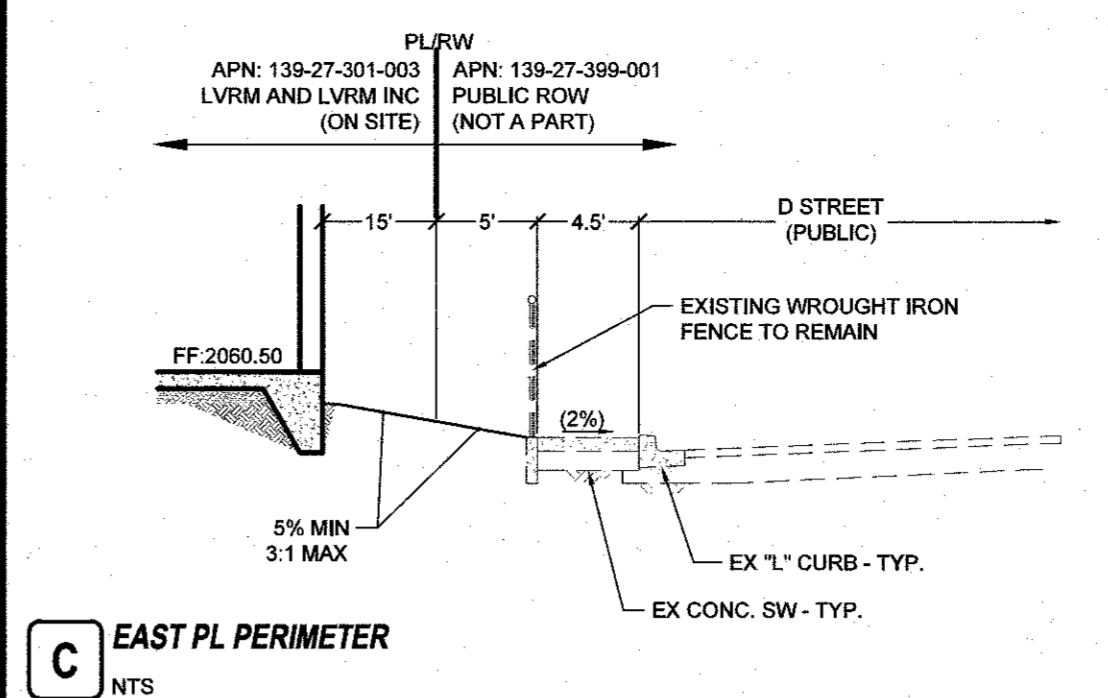
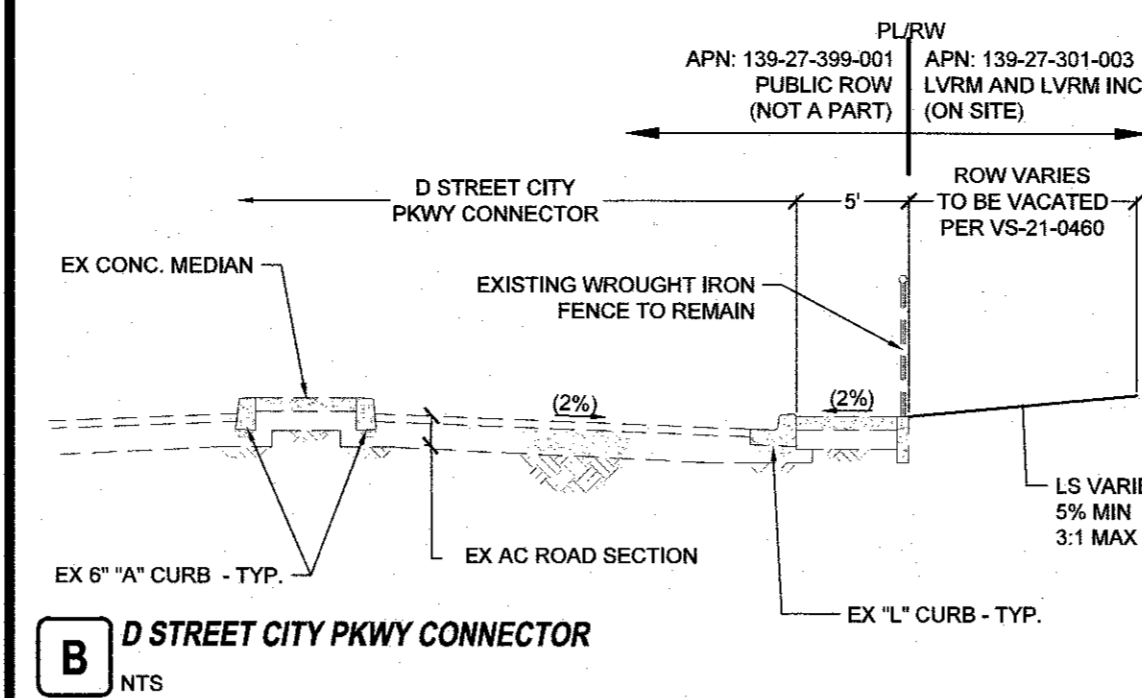
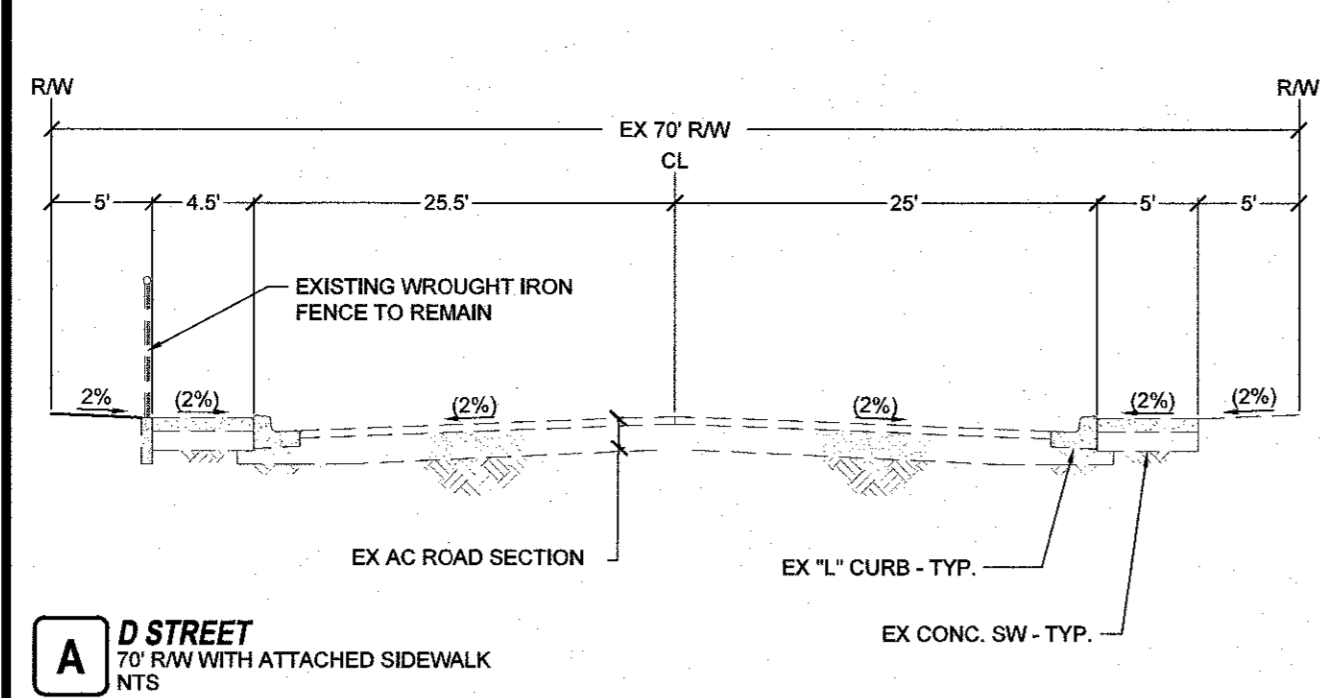
15728

3/19/24

DATE: 3/19/2024  
 SCALE: 1"=20'  
 JOB NO: **LSM-21-001**  
 DESIGNED BY: BP | CHECKED BY: JT  
 SHEET NUMBER: **G1**  
 SHEET NUMBER: **04** OF **05**  
 CLV 000000

**GENERAL SECTION NOTES:**

1. ALL AGG. BASES SHALL BE COMPACTED PER GEOTECH REPORT.
2. PRELIMINARY PAVEMENT SECTIONS SHALL BE VERIFIED WITH THE FINAL PAVEMENT SECTION RECOMMENDATION REPORT PRIOR TO CONSTRUCTION. IF FINAL PAVEMENT SECTIONS ARE DIFFERENT, A REVISION TO THE IMPROVEMENT PLANS WILL BE REQUIRED.
3. ALL SLOPES GREATER THAN 3:1 WILL HAVE A 2FT AT 2% BENCH AT THE TOP OF SLOPE. SLOPES GREATER THAN 6:1 UP TO 3:1 WILL HAVE A 1FT BENCH AT 2% AT THE TOP OF SLOPE.
4. ALL PERIMETER WALLS SHALL BE DECORATIVE.
5. MAINTAIN 4 INCHES OR LESS SEPARATION BETWEEN WALLS PER TITLE 30.64.0203. GAP TO BE FILLED & CAPPED WITH METAL FLASHING.
6. WALL SECTIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY. SEE GEOTECH REPORT AND STRUCTURAL DRAWINGS FOR DESIGN AND WATERPROOFING REQUIREMENTS.
7. FOR FOOTING DEPTH BELOW LOWEST ADJACENT GRADE, SEE GEOTECH REPORT RECOMMENDATIONS AND STRUCTURAL DRAWINGS.
8. DISTANCE FROM OUTSIDE EDGE OF FOOTING TO THE FACE OF ADJACENT DESCENDING SLOPE SHOULD MEET THE MINIMUM DISTANCES OUTLINED IN THE GEOTECH REPORT.
9. AGGREGATE BASE TO BE COMPACTED PER THE SOILS REPORT.
10. A.C. PAVEMENT TO BE A MAXIMUM 1/4" ABOVE LIP ON LOCAL RESIDENTIAL STREETS AND 1/2" ABOVE LIP ON COLLECTOR/ARTERIAL STREETS TO ADJACENT CONCRETE AFTER COMPACTION.
11. INSTALL 6" HIGH INTERIOR PRIVACY SECURITY FENCE (DESIGN BY OTHERS)



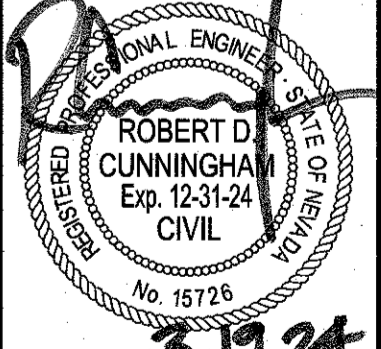
NO.	DESCRIPTION	BY	SHTS.	APPR.	DATE

**EV & A ARCHITECTS**

EST. 2000

**TANEY ENGINEERING & LAND SURVEYING**  
 CIVIL ENGINEERING & LAND SURVEYING  
 6030 S. JONES BLVD  
 LAS VEGAS, NV 89118  
 (702) 365-8844  
 INFO@TANEYCORP.COM

**BONANZA & D STREET  
 LYRM - WOMEN'S CENTER  
 GRADING DETAIL 1**



DATE:	3/19/2024
SCALE:	N.T.S.
JOB NO.:	LSM-21-001
DESIGNED BY:	BP   CHECKED BY: JT
SHEET NAME:	<b>GD1</b>
SHEET NUMBER:	<b>05 OF 05</b>
CLV	000000

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LAST PLOT: Blank Paved  
 FILE NAME: S:\ACTIVE\LAS VEGAS RESCUE MISSION\LSM21-001 - BONANZA & D STREET\ENG\3 IP\83 SHEET DWG\LSM001\_SHT\_DET.DWG