



LEGEND

EXISTING	PROPOSED	RIGHT-OF-WAY/PROPERTY
---	---	CENTERLINE
---	---	TYPE "L" CURB & GUTTER
---	---	TYPE "A" CURB
---	---	CONCRETE
---	---	SCREEN/RETAINING WALL
---	---	CONTOUR
---	---	WATER LINE
---	---	SANITARY SEWER LINE
---	---	GAS LINE
---	---	STORM DRAIN
---	---	TELEPHONE LINE
---	---	UNDERGROUND ELECTRIC
---	---	FIRE HYDRANT
---	---	WATER VALVE
---	---	WEEDS/PULL BOXES
---	---	REDUCER
---	---	MANHOLE
---	---	CLEANOUT
---	---	SPOT ELEVATION

NO.	DESCRIPTION	DATE	BY

TYLIN INTERNATIONAL
 4431 DEAN MARTIN DR.
 LAS VEGAS, NV 89103
 P: 702-522-7100
 F: 702-522-7105
 WWW.TYLIN.COM

LVCCLD EAST LAS VEGAS LIBRARY
GRADING PLAN 1

- CONSTRUCTION NOTES**
- CONSTRUCT WALL PER STRUCTURAL DRAWINGS
 - CONSTRUCT CONCRETE SIDEWALK PER CCAUSD #234. REFER TO ARCHITECT'S PLAN FOR PAVEMENT PATTERN (ON-SITE ONLY).
 - CONSTRUCT "L" TYPE CURB & GUTTER PER CCAUSD #216
 - MATCH EXISTING
 - CONSTRUCT 6" TYPE "A" CURB PER CCAUSD #219
 - CONSTRUCT 3.5" AC OVER 6" TYPE II BASE, PER GEOTECHNICAL REPORT.
 - CONSTRUCT 2" WIDE CONCRETE CHANNEL PER DETAIL 2, SHEET C7.01
 - CONSTRUCT SIDEWALK UNDER DRAIN PER CCAUSD #236.
 - CONSTRUCT BUS TURN OUT PER CCAUSD #231.1 & 234.2
 - CONSTRUCT 10" WIDE CURB OPENING
 - CONSTRUCT SIDEWALK RAMP PER CCAUSD #235 (CASE III)
 - CONSTRUCT GROUND SURFACE COVER; REFER TO LANDSCAPE ARCH SHEETS
 - CONSTRUCT 2" WIDE CONCRETE VALLEY GUTTER PER DETAIL 1, SHEET C7.01
 - INSTALL RAIN BIRD 6" GRATE (MODEL D66RF6), OR APPROVED EQUAL ON 6" PVC SD AT CENTER OF "BARREL"
 - METAL EDGING PER LANDSCAPE PLANS
 - INSTALL JENSEN PRECAST BUMPER BLOCK, MODEL S-72(OR APPROVED EQUAL)
 - TRANSITION FROM 0" CURB TO 6" TYPE "A" CURB
 - RECONSTRUCT EXISTING SIDEWALK RAMP PER CCAUSD #235 (CASE III)
 - CONSTRUCT 0" TYPE "A" CURB PER CCAUSD #219
 - CONSTRUCT 0" TYPE "L" CURB PER CCAUSD #216
 - CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD #228
 - CONSTRUCT 2" WIDE CURB OPENING
 - CONSTRUCT 7" 600 PSI FLEXURAL STRENGTH CONCRETE PAVEMENT OVER 8" COMPACTED TYPE II BASE OVER 12" COMPACTED STRUCTURAL FILL PER GEOTECHNICAL REPORT
 - REMOVE EXISTING STREETLIGHT AND REINSTALL PER CCAUSD #314.
 - CONSTRUCT ROLL CURB PER CCAUSD #217.51
 - INSTALL CHAIN LINK FENCE PER DETAIL 1, SHEET C4.02.
 - INSTALL 10" WIDE CHAIN LINK GATE W/ ACCESS RAMP EMBANKMENT SHALL HAVE 6" TYPE II SURFACE COMPACTED TO 95% RELATIVE COMPACTION.
 - CONSTRUCT 10" WIDE CURB OPENING
 - WROUGHT IRON FENCING, REFER TO ARCHITECTURAL PLANS FOR TYPE
 - INSTALL UNPAINTED CAST IRON NEENAH FOUNDRY DETECTABLE WARNING PLATE OR APPROVED EQUAL PER MANUFACTURER'S RECOMMENDATION.
 - INSTALL HANDRAIL PER DETAIL 6, SHEET C7.02
 - ABOVE GROUND ARTISTIC ELEMENT FOR SUSPENDED ROOF DRAIN WATER CAPTURE 5" 9" STEEL BARREL, TUB X 2 1/2" INCH. REFER TO ARCHITECTURAL PLANS.
 - INSTALL CURB-0-LET UNDERSIDEWALK DRAIN WITH MODEL T0314NS OUTLET PER MANUFACTURER'S RECOMMENDATION (OR APPROVED EQUAL).
 - INSTALL 6"x6" PVC WYE
 - INSTALL 6" CLEAN-OUT
 - CONSTRUCT OUTLET STRUCTURE PER DETAIL 8, SHEET C7.02
 - CONSTRUCT 10" A CURB PER DETAIL 9 SHEET 7.02 MATCH EXPOSED CMU ON BUILDING. Special note - pending CLV approval.
 - STEEL PLATE PLANTER, REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS

MATCHLINE - SEE SHEET C4.02

BASIS OF BEARING
 SOUTH 00°09'57" EAST, BEING THE BEARING OF THE CENTERLINE OF THIRTIETH STREET AND THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 36, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN IN FILE 138 OF SURVEYS, PAGE 82, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

BENCHMARK
 CITY OF LAS VEGAS VERTICAL CONTROL POINT "8LV01 36W6", BEING A RIVET AND PLATE IN THE TOP OF CURB @ NW CORNER OF STEWART & 28TH ST.
 ELEVATION: 1830.51 (US SURVEY FEET)
 557.941 (METERS)
 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

GEOTECHNICAL REPORT NOTE:
 ALL GRADING SHALL CONFORM TO THE GEOTECHNICAL REPORT PREPARED BY NINYO AND MOORE, DATED 3/28/16 PROJECT NO. 303997002 AND SUBSEQUENT UPDATE DATED 5/16/17.

DRAINAGE NOTE
 AN EFFORT HAS BEEN MADE TO ENSURE POSITIVE DRAINAGE AWAY FROM THE BUILDING AT A 2.0% MINIMUM EXCEPT IN CASES WHERE HANDICAP ACCESS PREVENTS THAT.

GENERAL NOTE:
 T.Y. LIN INTERNATIONAL ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS SHOWN ON DRAWINGS. THE UTILITIES SHOWN WERE PLOTTED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION COMMENCEMENT. PRIOR TO CONSTRUCTION CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS. CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY, IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD.

BMP 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.

DRAINAGE COMPLIANCE NOTE
 I CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT (DS #4866)
 A. NELSON STONE II, P.E. #7649 DATE

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PROFESSIONAL ENGINEER STATE OF NEVADA
 A. NELSON STONE II
 EXP. 6/30/2018
 No. 7649

DATE: 06/28/17
 DRAFTER: T.O.
 DESIGNER: T.O.
 CHECKED: N.S.
 PROJECT NO. 701247.00

C4.01
 H#70460
 107V

DRAWING ISSUE LOG:

NO.	DESCRIPTION	DATE	BY

CARPENTIER SELLERS DEL CANTO ARCHITECTS

GRADING PLAN 1
LVCCLD EAST LAS VEGAS LIBRARY
SHELL & CORE
 2851 EAST BONANZA ROAD
 LAS VEGAS, NV 89101

REVISIONS:

NO.	DATE	DESCRIPTION

DATE: 05.18.2017
 JOB NO.: 15-029
 FILE NAME:
 DO NOT SCALE DRAWINGS
 SHEET NO.: 10 C4.01

Avery Hacker
 7/2/19
 Street Light As-Built
 CORE Construction

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