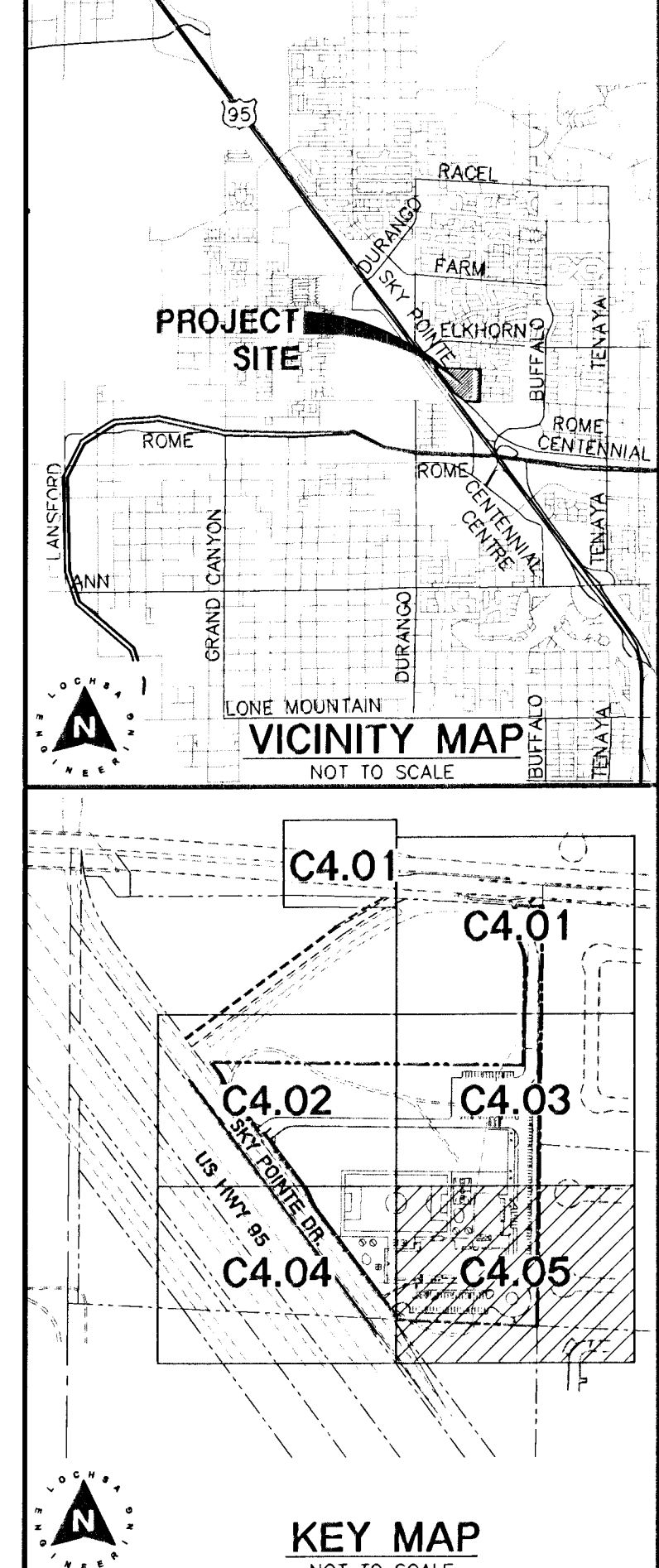
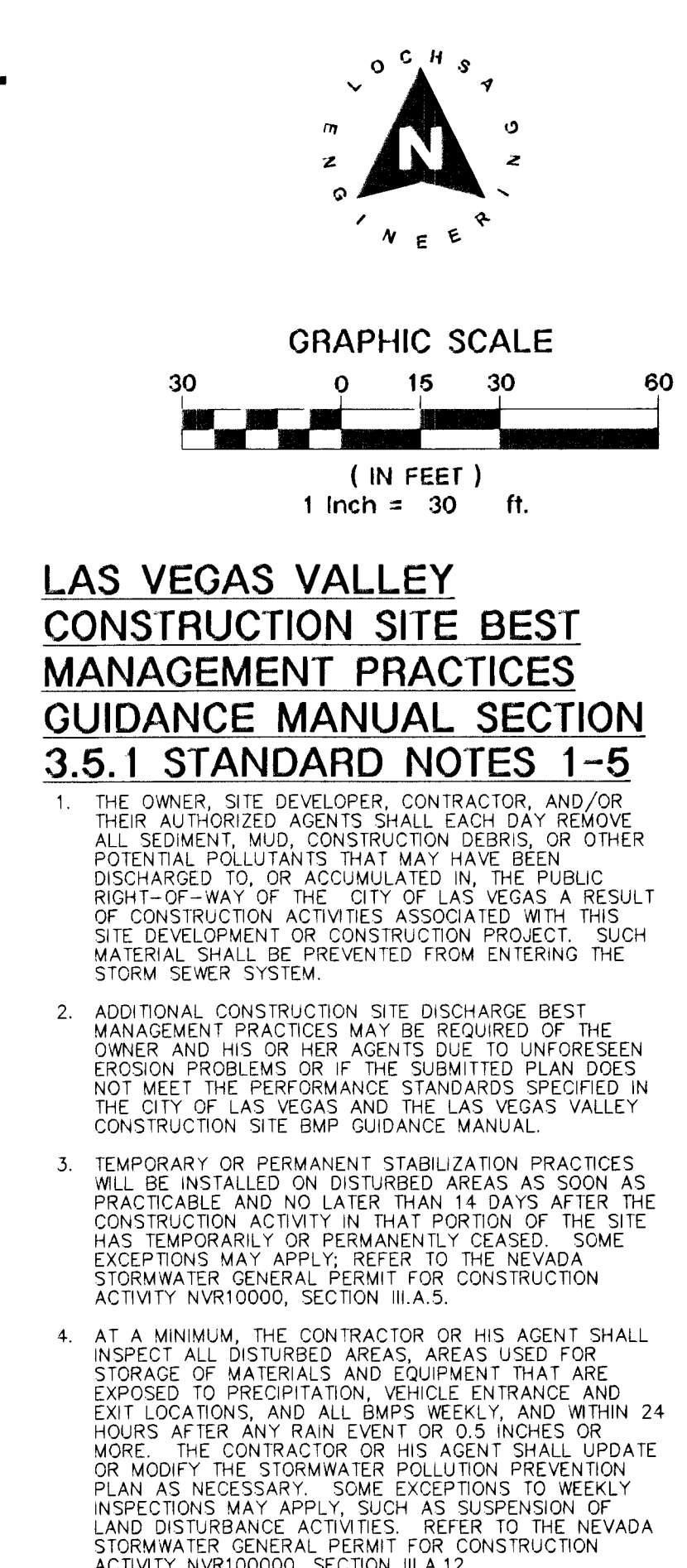




CONSTRUCTION NOTES:

- BY EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN EXCEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CORRECTIVE WORK DONE BY OTHERS.

GRADING NOTES:

 1. SLOPES 4:1 OR STEEPER AND FINE-GRAINED MATERIALS THAT ARE NOT DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH BURLAP OR OTHER EROSION CONTROL MEASURES. (SANDY MATERIALS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
 2. CONTRACTOR SHALL DETERMINE HIS OWN FOOTING OR BASEMENT EXCAVATION DEPTHS. THE CONTRACTOR SHALL DO DOWN ON ROUGH GRADING PLANS. ADDITIONALLY, STRUCTURE BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
 3. CONTRACTOR SHALL NOTIFY LOCHSA ENGINEERING WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. LOCHSA ENGINEERING SHALL NOT BE RESPONSIBLE FOR ANY "CORRECTIVE" WORK DONE BY OTHERS.
 4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE, NO PONDING ALLOWED. CONTRACTOR TO FOLLOW RECOMMENDATIONS AS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT, INCLUDING BUT NOT LIMITED TO: FOUNDATION, GRADING AND DRAINAGE. THE REPORT PREPARED BY: TERRACON CONSULTANTS WESTERN, INC., PROJECT NO. 04125046, DATED: NOV. 15, 2012.
 5. ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH "CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS" (C.C.A.U.S.D.) (LATEST EDITION AND/OR REGULATING ENTITY HAVING JURISDICTION).
 6. NOT ALL NOTES USED ON THIS SHEET --
 7. CONSTRUCT AC PAVEMENT PER DETAIL 2 ON C6.01.
 8. CONSTRUCT CONC. PAVEMENT PER DETAIL 3 ON C6.01.
 9. CONSTRUCT "A" TYPE CURB PER DETAIL 1 ON C6.01.
 10. CONSTRUCT "L" TYPE CURB PER CAUSD NO. 216.
 11. CONSTRUCT CONC. SIDEWALK PER CAUSD NO. 234. SEE DETAIL 4/C6.02 FOR FINISHING SPECIFICATIONS.
 12. CONSTRUCT SIDEWALK RAMP CAUSD NO. 235 CITE 5.
 13. CONSTRUCT "72" WIDE "U" CHANNEL PER DETAIL 5 ON C6.01.
 14. CONSTRUCT "24" WIDE "U" CHANNEL PER DETAIL 4 ON C6.01.
 15. CONSTRUCT COMMERCIAL DRIVEWAY PER CAUSD NO. 275 AND CAUSD NO. 228.
 16. LANDSCAPING, REFER TO LANDSCAPE ARCH. PLANS FOR SPECIFICATIONS.
 17. SEE STRUCTURAL DETAILS BY OTHERS FOR STAIRS AND STRUCTURAL SLAB.
 18. CONSTRUCT SIDEWALK DRAIN PER C.A.U.S.D. NO. 236.
 19. CONSTRUCT 2" VALLEY GUTTER PER DETAIL 11 ON C6.01.
 20. CONSTRUCT SIDEWALK RAMP PER DETAIL 10 ON C6.01.

FLOOD ZONE NOTE:
 THE ENTIRE SUBJECT PROPERTY IS LOCATED WITHIN AN AREA DESIGNATED AS FLOOD ZONE "X" (UNSHADED). ZONE "X" (UNSHADED) IS DESCRIBED BY FEMA AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. THIS INFORMATION IS OBTAINED FROM THE EFFECTIVE FLOOD INSURANCE RATE MAP (FIRM) PLAN NO. 32003F1745, EFFECTIVE DATE SEPTEMBER 27, 2002.

- 19. CONSTRUCT 60" WIDE "U" CHANNEL PER DETAIL 12 ON C6.01
- 20. CONSTRUCT SIDEWALK RAMP PER DETAIL 9 ON C6.01.
- 21. INSTALL MIN. 36" HIGH RAIL ON TOP OF RETAINING WALL WHERE GRADE DIFFERENCE IS 18" OR GREATER
- 22. CONSTRUCT SCREEN WALL PER ARCHITECTURAL PLAN.
- 23. CONSTRUCT 2" WIDE CONCRETE STRIP FOR GATE PATH.

**NEVADA DEPARTMENT OF
TRANSPORTATION (NDOT)
PERMIT REQUIRED:**

AN APPROVED NDOT OCCUPANCY PERMIT SHALL BE OBTAINED THROUGH THE DISTRICT PRIOR TO ANY CONSTRUCTION WITHIN THE NDOT RIGHT OF WAY. PLANS SHOWING WORK IN NDOT RIGHT OF WAY MUST SHOW NDOT STATIONING. THE DEVELOPER ASSUMES ALL LIABILITY FOR WORK CONDUCTED UNDER THE

26	CONSTRUCT RETAINING WALL PER DETAILS 9 ON SHEET C6.03 AND ARCHITECTURAL PLAN.
27	CONSTRUCT PLAYGROUND AREA PER ARCHITECTURAL PLANS.

EXISTING UTILITY NOTE: CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO MATCH PROPOSED FINISH GRADE ELEVATIONS.

GRADING PLAN CERTIFICATION	CUT.....	8,499 CU. YD.
	FILL.....	31,269 CU. YD.
	NET.....	22,770 CU. YD.
	NOTE:	

NAME: GUY M. MORRIS PE #14526 DATE 6-20-13

CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT CITY

NOTE: LOCHS ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO

OF LAS VEGAS FOR THIS PROJECT. PROJECT# DS4570

A.P.N.:
PORTION OF 125-21-102-001 CONTAINS 12.14 ACRES

FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S

BASIS OF BEARINGS:
NORTH 85°49'07" WEST, BEING THE NORTH LINE OF THE
NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER
(NW 1/4) OF SECTION 21, TOWNSHIP 19 SOUTH, RANGE 60
EAST, 3 D.M., AS SHOWN ON A RECORD SURVEY FILE 73,
PAGE 26 IN THE CLARK COUNTY, NEBRASKA, RECORDER'S OFFICE.

BENCHMARK:
CITY OF LAS VEGAS BENCHMARK (2008 ADJUSTED) 6LV90
21NW6 A RIVET AND PLATE IN TOP CURB ON THE SOUTH SIDE
OF ELKHORN ROAD APPROXIMATELY 1/4 MILE WEST OF

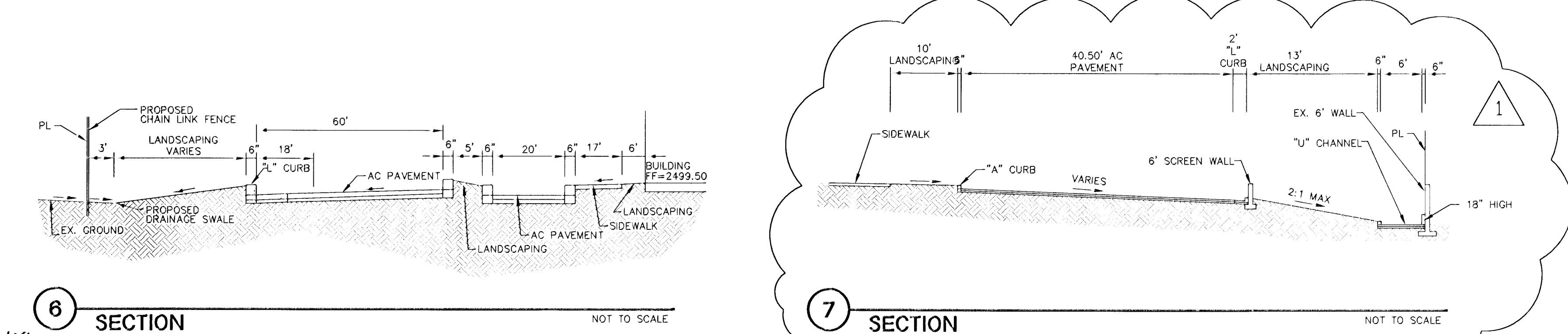
1-702-227-2929 FREIGHT AND WAREHOUSE SYSTEMS 1-800-227-2600

PROJECT No.: 121075 DATE: 05/30/13 SCALE: 1" = 30' DRAWN BY: MW DESIGNED BY: MW CHECKED BY: GM		TITLE: SOMERSET ACADEMY SKY POINTE & ELKHORN LAS VEGAS, NV		 6545 South Jones Blvd. Suite 100 Las Vegas, NV 89118 Tel (702) 366-4312 Fax (702) 366-4317 www.lochsa.com		REMOVE RETAINING & ADD SCREEN WALL 1 05/24/13 DM REV. DATE BY:		DESCRIPTION:	
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SHEET No. **C4.05**
 SHEET 17 OF 27
 4-11-1503
 115-183



STORM DRAIN CONSTRUCTION
NOTES:
NOTE: ALL ONSITE STORM DRAIN AND THE PERTINENT
FACILITIES ARE PRIVATELY OWNED AND PRIVATELY MAINTAINED
- NOT ALL NOTES USED ON THIS SHEET -

- ① INSTALL 48" TYPE I ECCENTRIC STORM DRAIN PER N.D.O. DRAWING NO. R-4.7.1
- ② INSTALL RCB CULVERT TYPE I HEADWALL PER N.D.O.T. DRAWING NO. B-20-1.5.
- ③ INSTALL TYPE 3 DROP INLET PER N.D.O.T. DRAWING NO. R-4.3.1. CONSTRUCT STORM DRAIN INLET PER USDOCA DRAWING NO. 421 (SEWERTREATMENT QUALITY MANAGEMENT STAMP AND SIGN. DETAIL).
- ④ INSTALL 3X3' JENSEN PRECAST DROP INLET PER DETAIL. 3 ON SHEET C6.02.
- ⑤ INSTALL 48" STORM DRAIN MANHOLE PER C.C.A.U.S.D. 409 FOR CONC. COVER PER C.C.A.U.S.D. 409. REFER TO C.C.A.U.S.D. NO. 409 FOR MANHOLE COVER AN RING.
- ⑥ INSTALL FLARED END SECTION OF 18" STORM DRAIN LINE CURB TO BE ABUTTED TO FLARED END SECTION.
- ⑦ ROOF DRAIN LOCATION. SEE PLANS BY OTHERS.

(NAVD 88)														1-702-227-2929										FIREARM AND WEAPON SYSTEMS & OPERATIONS 1-800-227-2600										SHEET NO. C4.05	
														SHEET 17 OF 27										H & P 1503		115-184 uphi									
CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	CONTOUR LINES	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	FENCES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VAULT	BACKWATER VALVES	100' HPS STREET LIGHTS	150' HPS STREET LIGHTS	200' HPS STREET LIGHTS	250' HPS STREET LIGHTS											
PROPERTY LINE	SAWTOOTH LINE	EXISTING:	(2120)								(12.34) BC		③	③ = SANITARY SEWER	☼	⊗	▶	○	□	⊗	⊗	⊗	⊗												
ROW LINE	SCARP LINE	PROPOSED:	(2122)								12.34 BC		④	④ = STORM DRAIN	☼	⊗	▶	○	□	⊗	⊗	⊗	⊗												
														⑤ = ELECTRICAL						⊗	⊗	⊗	⊗												
														⑥ = TELEPHONE						⊗	⊗	⊗	⊗												