

EXISTING	PROPOSED	EXISTING	PROPOSED
RIGHT-OF-WAY CENTERLINE	RIGHT-OF-WAY CENTERLINE	GRADE BREAK	GRADE BREAK
WATER LINE	WATER LINE	WIRE FENCE	WIRE FENCE
SANITARY SEWER LINE	SANITARY SEWER LINE	FINISH FLOOR	FINISH FLOOR
GAS LINE	GAS LINE	FINISH GRADE	FINISH GRADE
STORM DRAIN	STORM DRAIN	TOP OF AC PMNT.	TOP OF AC PMNT.
POWER LINE/POWER POLE	POWER LINE/POWER POLE	TOP OF CURB	TOP OF CURB
TELEPHONE LINE	TELEPHONE LINE	TOP OF WALL	TOP OF WALL
FIRE HYDRANT	FIRE HYDRANT	GATE SIGN	GATE SIGN
METERS/PULL BOXES	METERS/PULL BOXES	100 W.H.P.S.	100 W.H.P.S.
REDUCER	REDUCER	150 W.H.P.S.	150 W.H.P.S.
MANHOLE	MANHOLE	200 W.H.P.S.	200 W.H.P.S.
CONTOUR	CONTOUR	250 W.H.P.S.	250 W.H.P.S.
A.C. PAVING	A.C. PAVING		
TYPE "L" CURB & GUTTER	TYPE "L" CURB & GUTTER		
TYPE "A" CURB	TYPE "A" CURB		
CONCRETE	CONCRETE		
RETAINING WALL	RETAINING WALL		
CHAIN LINK FENCE	CHAIN LINK FENCE		

BASIS OF BEARING

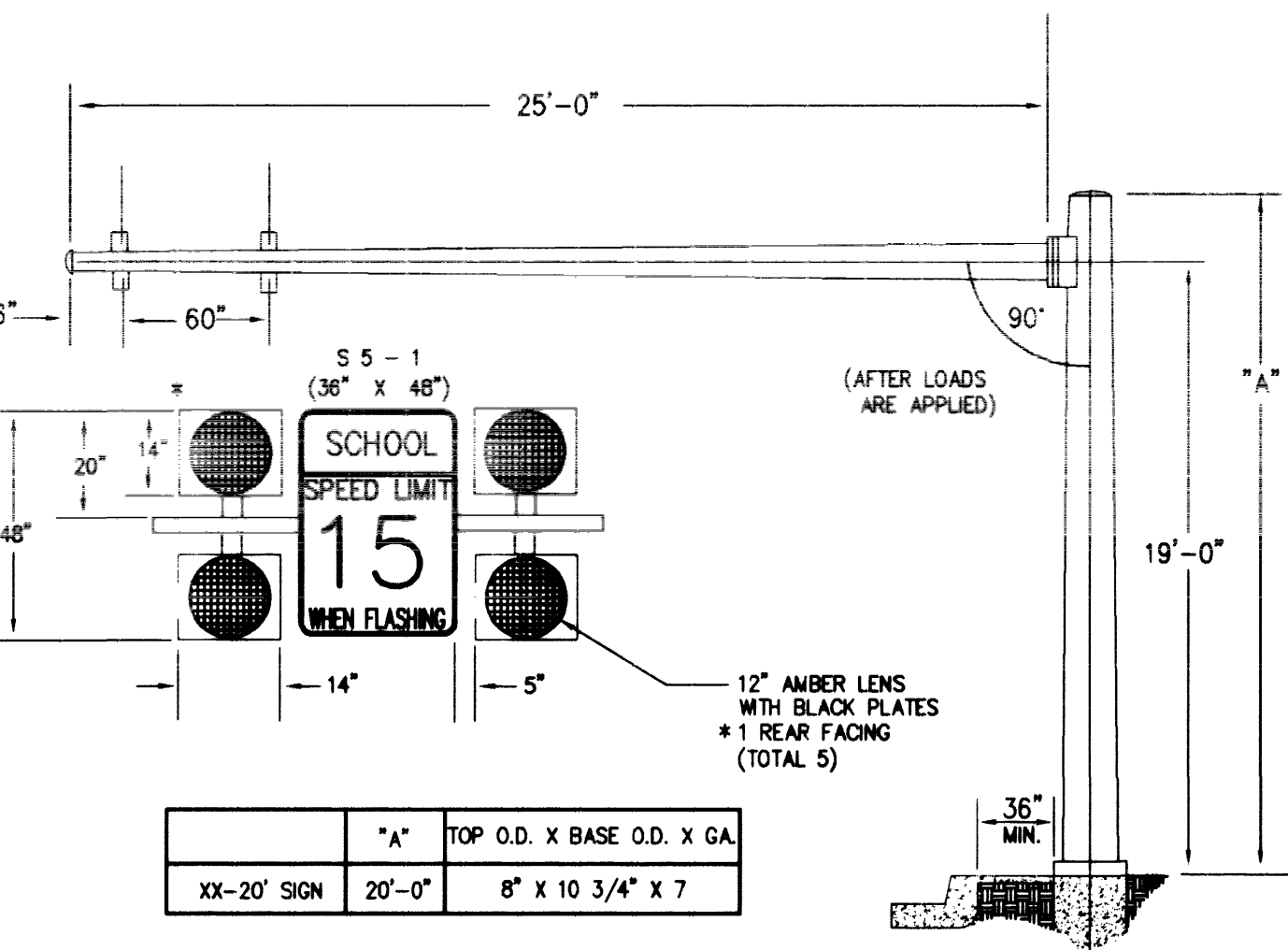
N 00° 40' 10" E BEING THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 31, TOWNSHIP 20 SOUTH, RANGE 82 EAST, N.D.M., SAID LINE ALSO BEING THE CENTERLINE OF LAMB BOULEVARD AS SHOWN ON ALTA/ACSM SURVEY PRODUCED BY CARTER-BURGESS, SIGNED AND STAMPED BY MARK A. BYRD ON 2-11-99.

BENCHMARK

BM #21, 2LV02 32NW66, BEING A RIVET AND PLATE IN TOP OF CURB EAST CURB LINE, 1386' NORTH OF STEWART AVE., ACROSS FROM CARPENTERS HALL LOCAL 1780. ELEV. 1771.61' (539.99 M) NAVD83

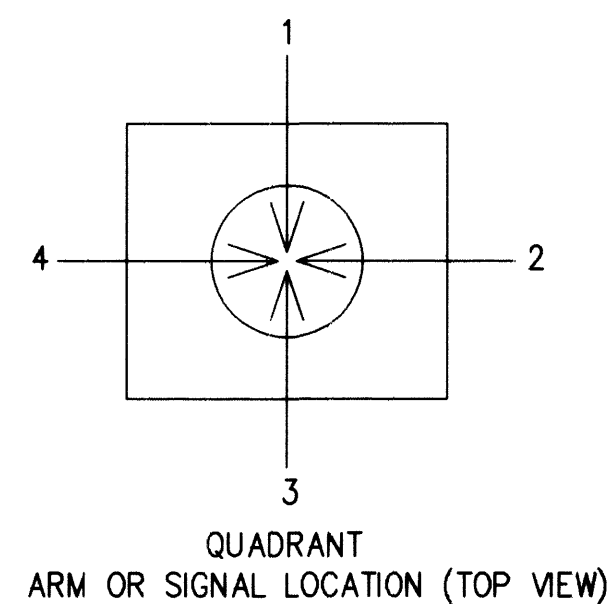
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig! 1-800-227-2800
UNDERGROUND SERVICE ALERT (U.S.A.)

AVOID OVERHEAD POWER WIRE CONTACT.
Call before you OVERHEAD 1-702-583-6111
NEVADA POWER CORPORATION AND SOUTHERN CALIFORNIA EDISON COMPANY



	"A"	TOP O.D. X BASE O.D. X GA.
XX-20' SIGN	20'-0"	8" X 10 3/4" X 7

POLE SCHEDULE						
NO.	STATION	TYPE	SIGNAL ARM		LUM. ARM	
			QUAD.	LENGTH	QUAD.	LENGTH
①	ST 15+88.11 L 46.93	XX-20	3	25	NA	NA
②	ST 22+71.77 R 52.00	XX-20	1	25	NA	NA



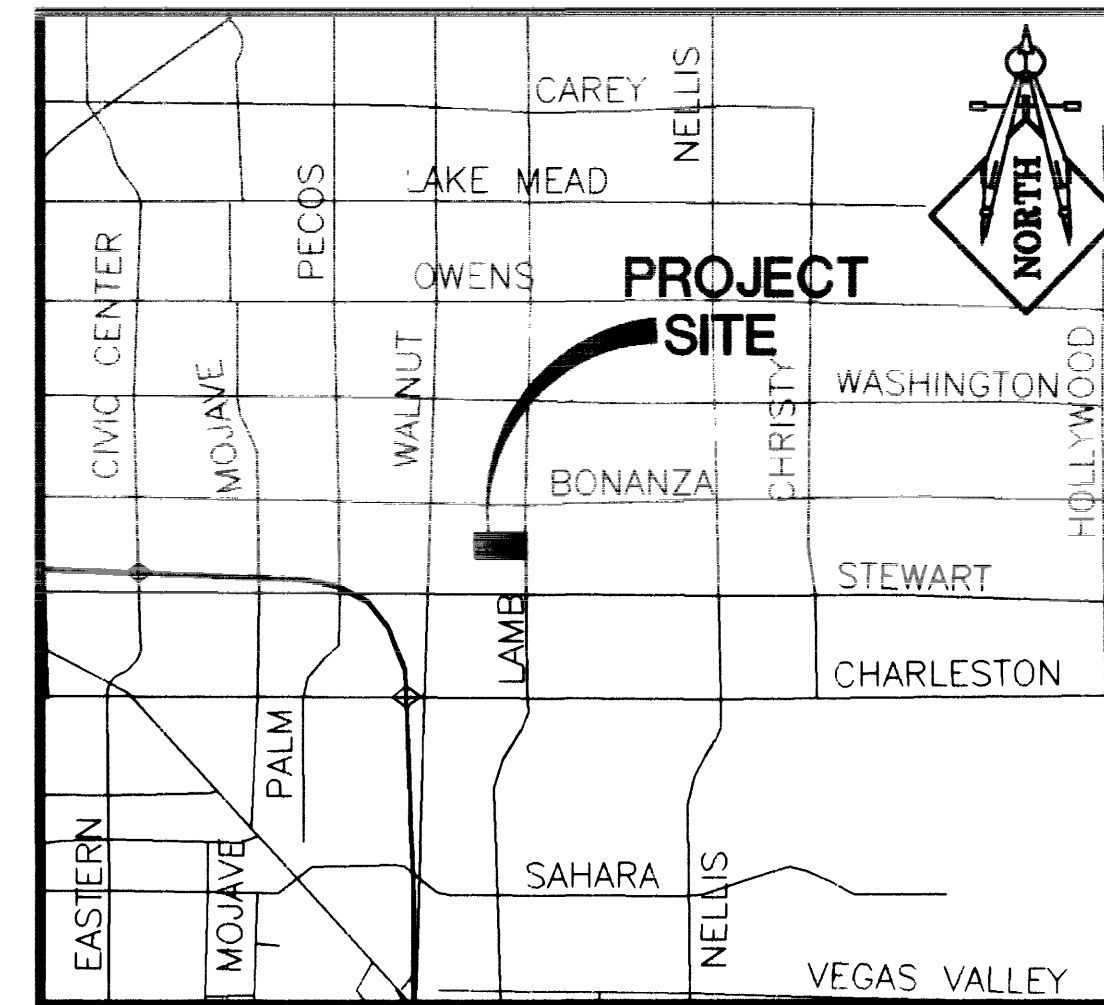
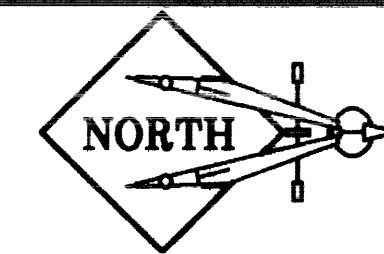
CONSTRUCTION NOTES:

- 1 - INSTALL #5 PULLBOX (BY CONTRACTOR)
- 2 - INSTALL S5-2 (24" X 30") AND R2-1 (45 MPH)
- 3 - INSTALL FLASHER CABINET-41-000 FLASHING BEACON CONTROLLER PER STANDARD DRAWING 404.309
- 4 - INSTALL #3 1/2 PULLBOX (BY CONTRACTOR)
- 5 - FOUNDATIONS TO BE INSTALLED ("H" FOUNDATIONS) WITH THESE PLANS BY CONTRACTOR AS WELL AS CONDUITS, PULLBOXES, WIRES, ETC.
- 6 - HANDHOLE TO BE INSTALLED BY NPC (WR#92864)

NOTE:

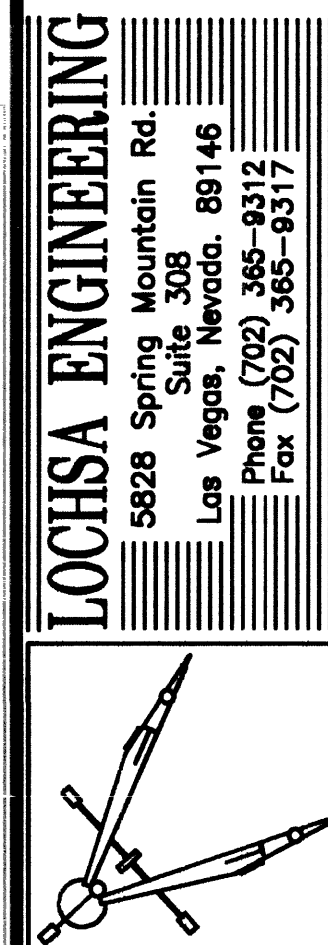
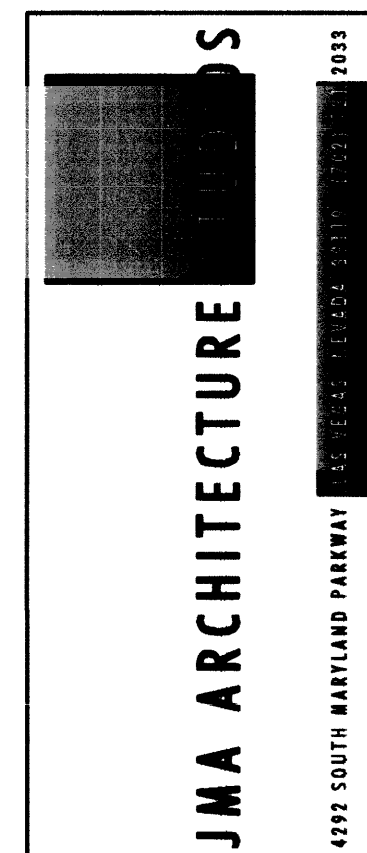
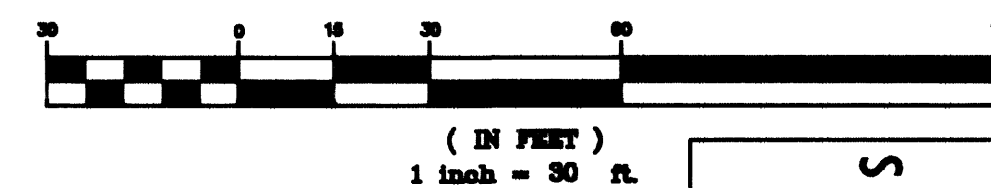
ALL SIGNAGE AND STRIPING SHALL CONFORM TO CLV AND M.U.T.C.D. STANDARD.
FLASHING BEACON AND SIGNAGE TO BE INSTALLED BY CLV FORCES.

CONDUIT AND CABLE SCHEDULE						
RUN NO.	FROM	TO	CONDUIT SIZE	SERVICE	SIGNAL CABLE	
①	PADMOUNT	PULLBOX	2"	X	#2 THW	
②	POLE A	PULLBOX	2"		X	
③	PULLBOX	PULLBOX	2"		X	
④	PULLBOX	PULLBOX	2"		X	
⑤	PULLBOX	PULLBOX	2"		X	
⑥	PULLBOX	POLE B	2"		X	
⑦	PULLBOX	POLE B	2"	X		
⑧	PULLBOX	PULLBOX	2"	X		
⑨	HANDHOLE	PADMOUNT	2"	X		



VICINITY MAP

GRAPHIC SCALE



STANDARDS FOR SIGNAGE AT AT SCHOOL CROSSINGS

A. FLASHER INSTALLATION

1. INSTALL S5-1 SCHOOL CROSSING SIGNS AT THE MINIMUM DISTANCE POSSIBLE IN ADVANCE OF THE SCHOOL CROSSING IN EACH DIRECTION.

2. INSTALL POLES, LIGHTS, FLASHERS, AND S5-1 SCHOOL SPEED LIMIT SIGNS AT 200 FEET +/- 50 FEET IN EACH DIRECTION FROM THE SCHOOL CROSSING OR BEGINNING OF SCHOOL FRONTAGE.

3. INSTALL S1-1 SCHOOL ADVANCE SIGNS PRIOR TO EACH S5-1 SIGN AS FOLLOWS:

ROAD SPEED LIMIT	DISTANCE - 0 FEET +/- 25 FEET
25	15 MPH
30	125
35	180
40	285
45	275
50	365
55	440

*NOT REQUIRED OR UNSAFE

NOTE: DISTANCE NOT TO BE LESS THAN 150 FEET OR MORE THAN A TOTAL OF 700 FEET FROM THE SCHOOL CROSSING.

4. INSTALL S5-2 END SCHOOL ZONE SIGNS ABOVE R2-1 SPEED LIMIT SIGNS AT 100 FEET TO 200 FEET AFTER SCHOOL CROSSING IN EACH DIRECTION.

NOTE: SIGNS TO BE INSTALLED ON EXISTING STREET LIGHT POLES IF AVAILABLE. IF NONE, INSTALL AN S5-2 ON A SIGN POLE ALIGNED THE BEGINNING OF THE OPPOSITE ZONE AND THE R2-1 ON THE NEXT AVAILABLE STREET LIGHT POLE. IF NONE WITHIN 800 FEET, INSTALL THE R2-1 ON A SIGN POLE. WHERE POSSIBLE PLACE THE R2-1 ON THE BACK SIDE OF THE S5-1 SIGN ASSEMBLY MOUNTED OVERHEAD ON THE OPPOSING FLASHER ENTRY TO THE SCHOOL ZONE. THIS WOULD BE IN LIEU OF, AND NOT IN ADDITION TO, THE NORMAL R2-1 INSTALLATION.

5. FOR YEAR ROUND SCHOOLS, INSTALL 12 MONTH SCHOOL SIGNS BELOW ALL S1-1, S2-1, AND S5-1 SIGNS.

B. NO FLASHER INSTALLATION-ROAD SPEED LIMIT 30 MPH OR GREATER

1. INSTALL ALL SIGNS AS IN "A" ABOVE EXCEPT THE S5-1 SIGN SHALL INDICATE THE SPECIFIC PERIODS OF THE DAY WHEN THE SPECIAL SCHOOL SPEED LIMIT APPLIES.

C. NO FLASHER INSTALLATION-ROAD SPEED LIMIT 25 MPH

1. INSTALL ALL SIGNS AS IN "A" ABOVE EXCEPT:

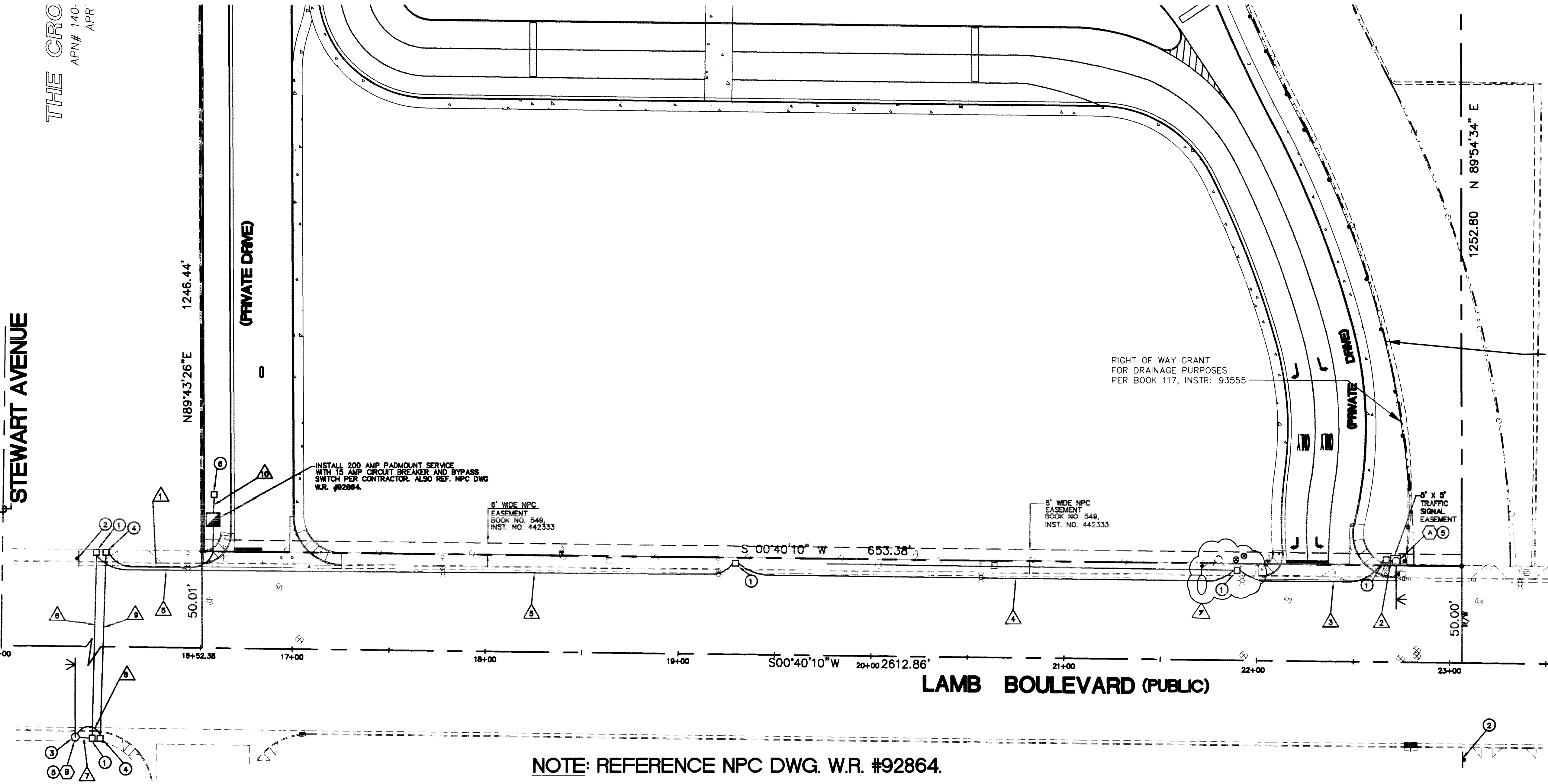
A) INSTALL S1-1 SIGNS AT A DISTANCE OF 150 FEET (-0'+25') FROM SCHOOL CROSSING.
B) S5-1, S5-2, AND R2-1 SIGNS ARE NOT REQUIRED AND NOT TO BE INSTALLED.

REFERENCES: MDOT SCHOOL TRAFFIC PAMPHLET, MUTCD SECTION 7
ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE CLARK COUNTY, THE CITY OF LAS VEGAS, MUTCD, ADA AND STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS STANDARDS.

NOTE
LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING, BUT NOT LIMITED TO THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.

THE CRO
APN# 140-
APR

STEWART AVENUE



NOTE: REFERENCE NPC DWG. W.R. #92864.

FLASHING BEACON PLAN
WILLIAM K. MOORE
ELEMENTARY SCHOOL

SHEET
DESIGNED BY: 9/7/99
CHECKED BY: 9/7/99
PROJECT NO.: 6121
SCALE: 1\"/>

CHALLENGER STATE
MARK L. EDGE
REGISTERED PROFESSIONAL ENGINEER
NO. 3445
9-16-99
C4.03
11 OF 15 SHEETS
DRAWING NO
715-121