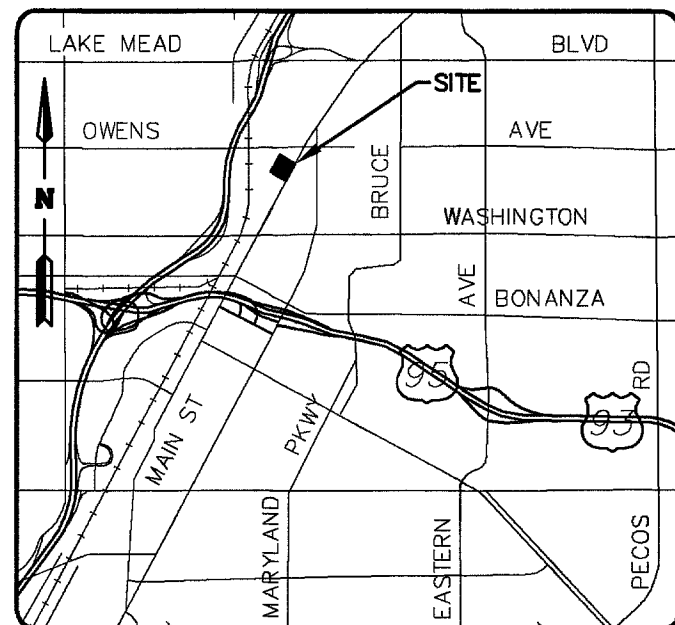


CALL before you Overhead 1-702-227-2929

CALL before you Dig 1-800-227-2600

UNDERGROUND SERVICE (USA)
AVOID OVERHEAD POWER
LINE CONTACT. IT'S COSTLY.

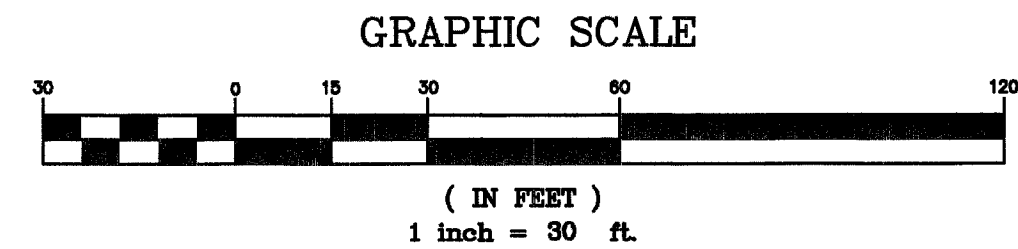
UNDERGROUND SERVICE (USA)
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.



VICINITY MAP

CONSTRUCTION NOTES

- LOCATION OF UNDERGROUND UTILITIES ON THE DRAWINGS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR IN THE LOCATION SHOWN ON THE DRAWINGS.
- FOR GEOTECHNICAL REQUIREMENTS REFERENCE GEOTECHNICAL EVALUATION FOR H.E.L.P. AT OWENS AS PREPARED BY NINYO & MOORE (PROJECT NO. 301660001, DATED DECEMBER 14, 2004).
- PROVIDE THE FOLLOWING ON SITE PAVEMENT SECTION PER GEOTECHNICAL RECOMMENDATIONS:
ASPHALT TYPE II
BASE
AUTOMOBILE 3.0 IN 5.0 IN
DELIVERY TRUCK 4.5 IN 5.0 IN
HEAVY DUTY TRUCK 5.5 IN 7.0 IN
- INSTALL "A" CURB PER DETAIL (11 CS).
- INSTALL "L" TYPE CURB AND GUTTER PER DWG. NO. 216 OF THE CLARK COUNTY UNIFORM STANDARD DRAWINGS.
- INSTALL SIDEWALK PER DWG. NO. 234 OF THE CLARK COUNTY UNIFORM STANDARD DRAWINGS.
- INSTALL 3 FOOT VALLEY GUTTER PER DETAIL (9 CS).
- INSTALL 48" U-GUTTER PER DETAIL (9 CS).
- INSTALL 48" x 16" WALL OPENING PER (9 CS).
- INSTALL BUMPER BLOCK PER CLARK COUNTY UNIFORM STANDARD DRAWING NO. 238.
- INSTALL SIDEWALK RAMP PER DWG. NO. 235, CASE III, OF THE CLARK COUNTY UNIFORM STANDARD DRAWINGS.
- INSTALL SIDEWALK DRAIN PER DWG. NO. 236 OF THE CLARK COUNTY UNIFORM STANDARD DRAWINGS.
- INSTALL MODIFIED 12" "L" CURB PER (13 CS).
- INSTALL 2" VALLEY GUTTER PER (8 CS).
- SEE ARCHITECTURAL PLANS FOR HANDRAILS FOR ADA RAMPING.
- 10' PUBLIC DRAINAGE EASEMENT PRIVATELY MAINTAINED.
- INSTALL RETAINING WALL PER ARCHITECTURAL PLANS.
- REFERENCE ARCHITECTURAL PLANS FOR STAIRS.

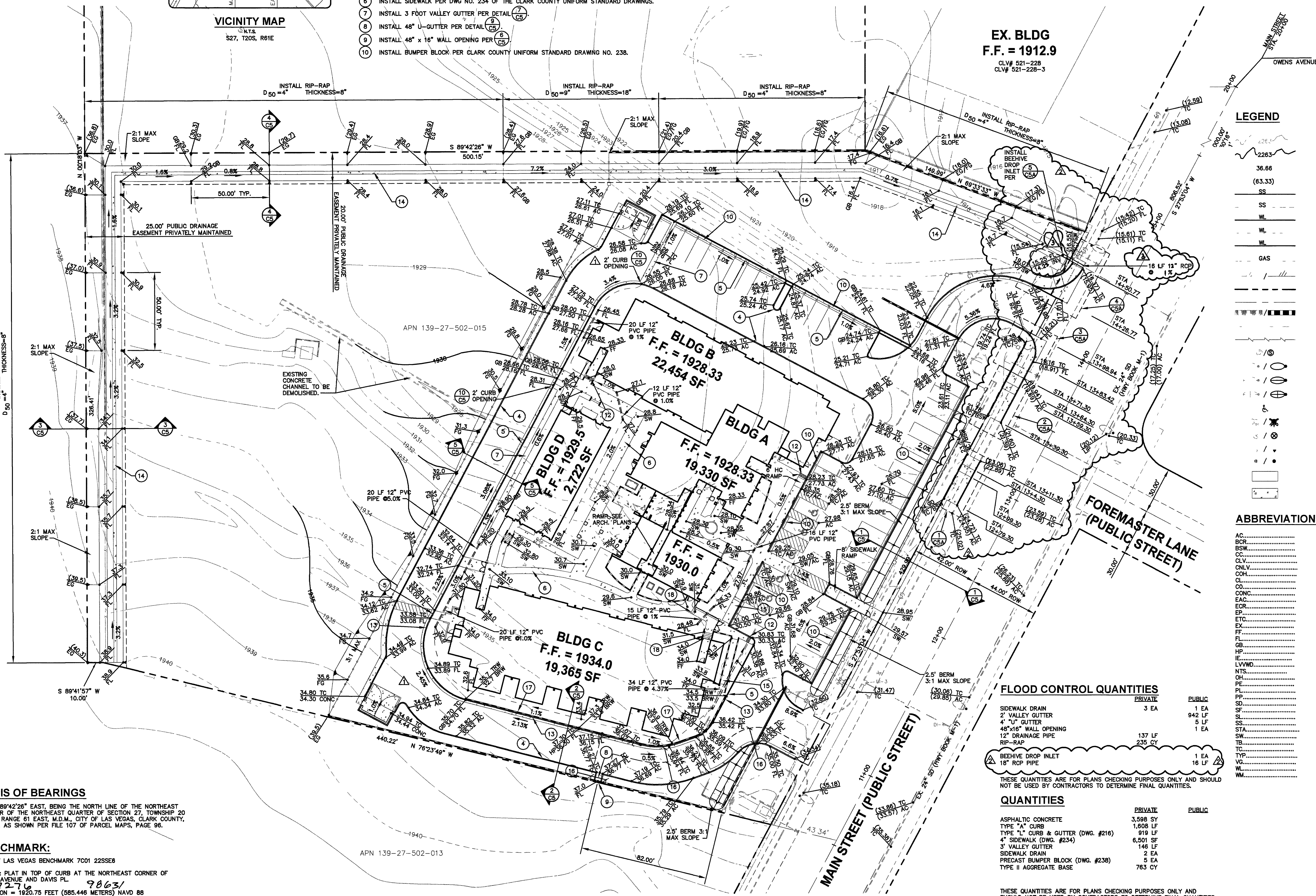


I CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT. (DS 3743)

LICENSED CIVIL ENGINEER NO. 009678
KENNETH J. ERLANGER

DATE

1"=30'



LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED GRADE
- EXISTING GRADE
- PROPOSED SANITARY SEWER LINE
- EXISTING SANITARY SEWER LINE
- PROPOSED WATER LINE
- EXISTING WATER LINE
- PROPOSED FIRE SPRINKLER LINE
- EXISTING GAS LINE
- EXIST./PROP. EDGE OF ASPHALT
- PROPERTY/RIGHT-OF-WAY LINE
- CENTERLINE
- EXIST./PROP. BLOCK WALL
- EX. OVERHEAD POWER/TELEPHONE
- SAWTOOTH LINE
- EXIST./PROP. SANITARY SEWER MANHOLE
- EXIST./PROP. 100W HPS STREETLIGHT
- EXIST./PROP. 150W HPS STREETLIGHT
- EXIST./PROP. 250W HPS STREETLIGHT
- HANDICAPPED SYMBOL
- EXIST./PROP. FIRE HYDRANT
- EXIST./PROP. GATE VALVE
- EXIST./PROP. REDUCING VALVE
- EXIST./PROP. CLEANOUT
- PROPOSED ASPHALT
- PROPOSED CONCRETE

ABBREVIATIONS

AC.....	ASPHALTIC CONCRETE
BCR.....	BEGINNING OF CURB RETURN
BSW.....	BACK OF SIDEWALK
CC.....	CLARK COUNTY
CLV.....	CITY OF LAS VEGAS
CLNV.....	CITY OF NORTH LAS VEGAS
COH.....	CITY OF HENDERSON
CL.....	CENTERLINE
CO.....	SEWER CLEANOUT
CONC.....	CONCRETE
EAC.....	EXISTING ASPHALTIC CONCRETE
ECR.....	END OF CURB RETURN
EP.....	EDGE OF PAVEMENT
ETC.....	EXISTING TOP OF CURB
EX.....	EXISTING
FF.....	FINISHED FLOOR
FL.....	FLOWLINE
GB.....	GRADE BREAK
HP.....	HIGH POINT
IE.....	INVERT ELEVATION
LVWD.....	LAS VEGAS VALLEY WATER DISTRICT
NTS.....	NOT TO SCALE
OH.....	EXISTING OVERHEAD POWER
PE.....	PAD ELEVATION
PL.....	PROPERTY LINE
PP.....	POWER POLE
SD.....	STORM DRAIN LINE
SF.....	SQUARE FEET
SL.....	STREET LIGHT
SS.....	SANITARY SEWERLINE
STA.....	STATION
SW.....	SIDEWALK
TB.....	TOP OF BERM
TC.....	TOP OF CURB
TYP.....	TYPICAL
VG.....	VALLEY GUTTER
WL.....	WATERLINE
WM.....	WATER METER

FLOOD CONTROL QUANTITIES

	PRIVATE	PUBLIC
SIDEWALK DRAIN	3 EA	1 EA
2" VALLEY GUTTER		942 LF
4" U-GUTTER		5 LF
48"x16" WALL OPENING		1 EA
12" DRAINAGE PIPE	137 LF	
RIP-RAP	235 CY	
BEEHIVE DROP INLET		1 EA
18" RCP PIPE		16 LF

THESE QUANTITIES ARE FOR PLANS CHECKING PURPOSES ONLY AND SHOULD NOT BE USED BY CONTRACTORS TO DETERMINE FINAL QUANTITIES.

QUANTITIES

	PRIVATE	PUBLIC
ASPHALTIC CONCRETE	3,598 SY	
TYPE "A" CURB	1,808 LF	
TYPE "L" CURB & GUTTER (DWG. #216)	919 LF	
4" SIDEWALK (DWG. #234)	6,501 SF	
3" VALLEY GUTTER	146 LF	
SIDEWALK DRAIN	2 EA	
PRECAST BUMPER BLOCK (DWG. #238)	5 EA	
TYPE II AGGREGATE BASE	763 CY	

THESE QUANTITIES ARE FOR PLANS CHECKING PURPOSES ONLY AND SHOULD NOT BE USED BY CONTRACTORS TO DETERMINE FINAL QUANTITIES.

BASIS OF BEARINGS

NORTH 89°42'26" EAST, BEING THE NORTH LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN PER FILE 107 OF PARCEL MAPS, PAGE 96.

BENCHMARK:

CITY OF LAS VEGAS BENCHMARK 7C01 22SSE8

RIVET & PLAT IN TOP OF CURB AT THE NORTHEAST CORNER OF OWENS AVENUE AND DAVIS PL.

ELEVATION = 1920.75 FEET (585.446 METERS) NAVD 88

REVISIONS

NO.	DATE	DESCRIPTION
1	5/17/06	KJE REVISED TRASH ENCLOSURE LOCATION
2	10/19/06	KJE REVISED SIDEWALK RAMP, CURB RETURNS, REVISED VALLEY GUTTER
3	12/1/06	KJE REVISED SIDEWALK DRAIN LINE DUE TO EX. 15

LUCCHESI GALATI ARCHITECTS

PROJECT LOCATION: 500 PILOT ROAD, SUITE A LAS VEGAS, NEVADA 89119 V-702 283-7111 F-702 283-8111

CLIENT: H.E.L.P. - LAS VEGAS AT OWENS

DESIGNED BY: KJE

CHECKED BY: KJE

PROJECT NO.: 17019

FILE NAME: 06-170-10.DWG

SCALE: HORIZONTAL: 1"=30' VERTICAL: N/A

SHEET: C2

2 OF 5 SHEETS

CLV DWG # 107V4402