

CALL before you DIG
1-800-227-2600

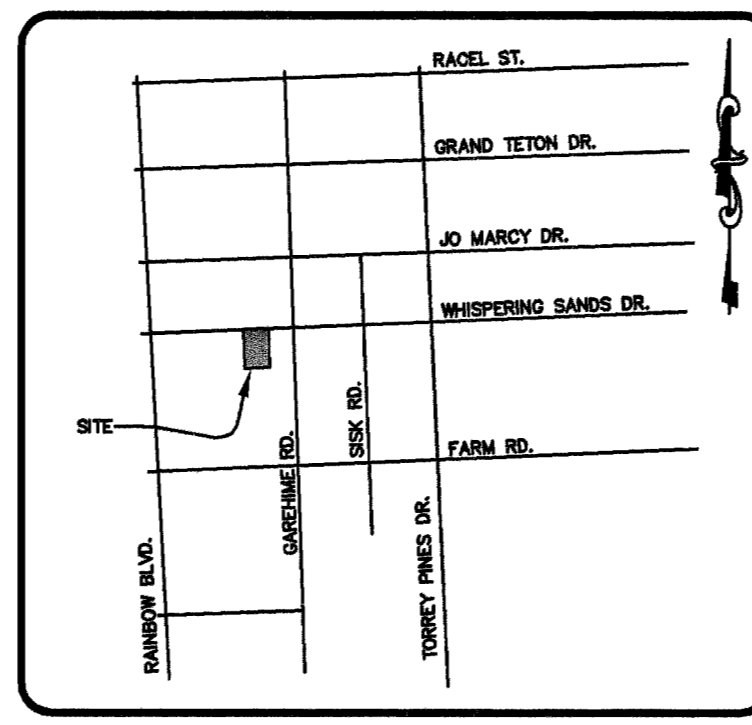
CALL before you Overhead
1-702-227-2929

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

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

CONSTRUCTION NOTES

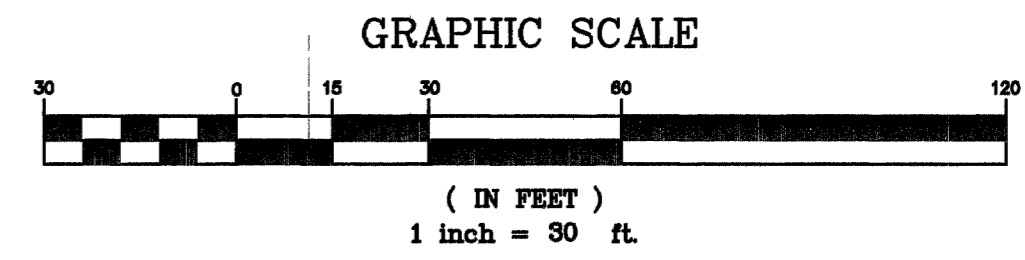
- LOCATION OF UNDERGROUND UTILITIES ON THE DRAWINGS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR IN THE LOCATION SHOWN ON THE DRAWINGS.
- INSTALL NEW CONNECTION INTO MANHOLE. PROVIDE SOLID GROUT BETWEEN NEW PIPE AND EXISTING MANHOLE WALLS.
- TRENCH BACKFILL PAVED AREA PER DRAWING 503 OF UNIFORM STANDARD DRAWINGS, CLARK COUNTY, NEVADA. FINAL WIDTH OF PERMANENT ASPHALT PATCH WILL BE DETERMINED PER FIELD INSPECTOR.
- TRENCH BACKFILL UNPAVED AREA PER DRAWING 502 OF UNIFORM STANDARD DRAWINGS, CLARK COUNTY, NEVADA.
- INSTALL 48" STANDARD MANHOLE PER DRAWING NO. SD-1 OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, LATEST EDITION.
- VERIFY LOCATION AND DEPTH OF MANHOLE. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.



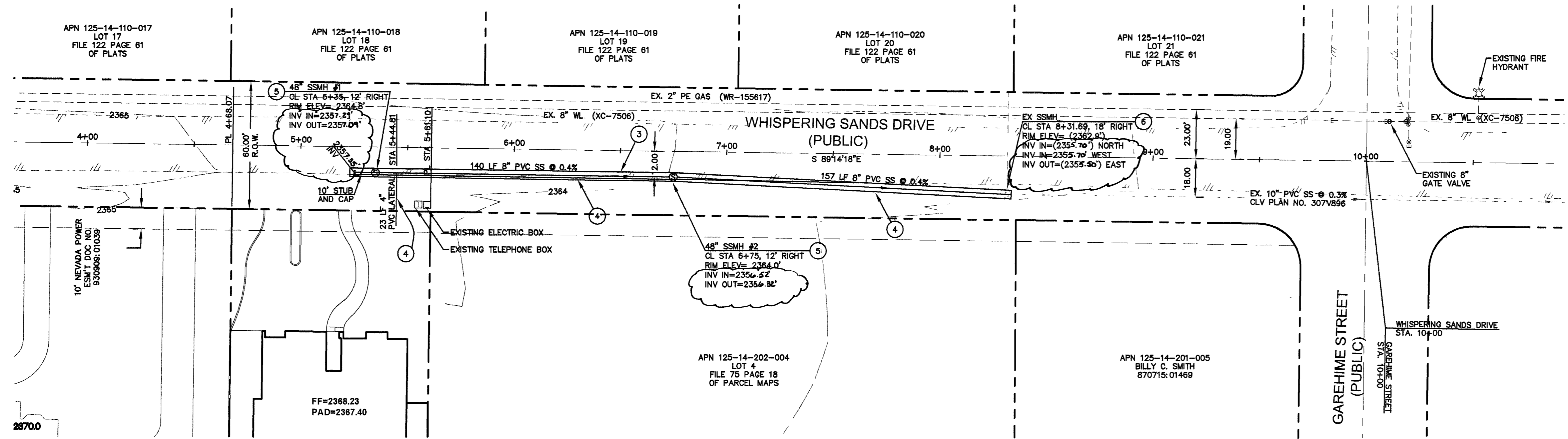
QUANTITIES

	PRIVATE	PUBLIC
6" PVC SANITARY SEWER LINE		307 LF
4" PVC SANITARY SEWER LINE	23 LF	
48" SANITARY SEWER MANHOLE		2 EA
3" AC PATCH		67 SY
TYPE II AGGREGATE BASE		190 CY

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



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 SAWCUT 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

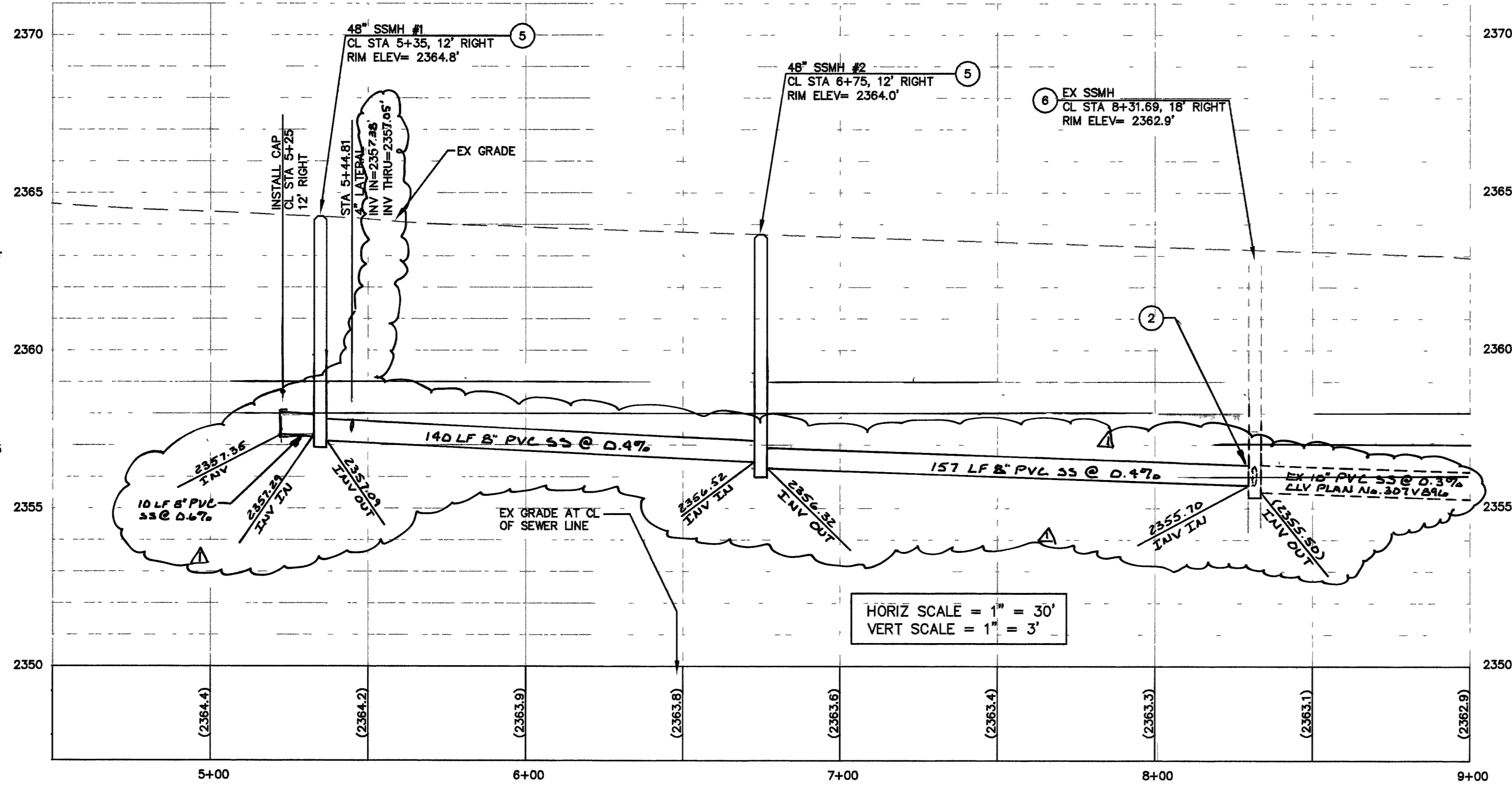
- AC..... ASPHALTIC CONCRETE
- BCR..... BEGINNING OF CURB RETURN
- BRW..... BOTTOM RETAINING WALL
- BSW..... BACK OF SIDEWALK
- CC..... CLARK COUNTY
- CLV..... CITY OF LAS VEGAS
- CNLV..... CITY OF NORTH LAS VEGAS
- CON..... CITY OF HENDERSON
- CL..... CENTERLINE
- CO..... SEWER CLEANOUT
- CONC..... CONCRETE
- EAC..... EXISTING ASPHALTIC CONCRETE
- ECR..... END OF CURB RETURN
- EP..... EDGE OF PAVEMENT
- ETC..... EXISTING TOP OF CURB
- EX..... EXISTING
- F.A.S.T..... FREEWAY AND ARTERIAL SYSTEM TRANSPORTATION
- FF..... FINISHED FLOOR
- FL..... FLOWLINE
- GB..... GRADE BREAK
- HP..... HIGH POINT
- I..... 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
- TC..... TOP OF CURB
- TRW..... TOP RETAINING WALL
- TYP..... TYPICAL
- VG..... VALLEY GUTTER
- WL..... WATERLINE
- WM..... WATER METER

BENCHMARK

STATION 9LV9014W4, BEING A CITY OF LAS VEGAS RIVET AND ROUND PLATE IN CONCRETE MAILBOX PAD, NORTHEAST CORNER OF RAINBOW BLVD. AND FARM RD. NEAR 6770 RAINBOW BLVD.
ELEVATION= 719.758 METERS= 2361.41 FEET NAVD88

BASIS OF BEARING

N 89°28'06"W, BEING THE CENTERLINE OF FARM ROAD PER FILE 75 PAGE 18 OF PARCEL MAPS, CLARK COUNTY OFFICIAL RECORDS.



HORIZ SCALE = 1" = 30'
VERT SCALE = 1" = 3'

SANITARY SEWER MANHOLE SCHEDULE

ID	TYPE	STATION/OFFSET	RIM ELEV	INV IN	INV OUT	COMMENTS
1	48" SD-1	5+35, 12' RT	2364.8	2359.38	2359.18	
2	48" SD-1	6+75, 12' RT	2364.0	2358.62	2358.42	

JENNIFER WAMPOLE
 PROJECT DEVELOPER
 6675 WHISPERING SANDS DRIVE
 LAS VEGAS, NV 89121
 PH. (702) 597-2988
 FAX. (702) 597-0309

JAMES RESIDENTIAL LOT
 WHISPERING SANDS DRIVE

SHEET: 04/04/07
 DRAWN BY: JS / DRW
 DESIGNED BY: JS / DRW
 CHECKED BY: KJE
 PROJECT NO: 198.5

SEAL
 KENNETH J. ELINGER
 CIVIL ENGINEER
 EXP. 12-31-2008
 No. 9078

SCALE
 HORIZONTAL: 1" = 30'
 VERTICAL: 1" = 3'
 SHEET
 C2
 2 OF 2 SHEETS
 CLV DWG No. 307V995

101240 102564

H# 18422