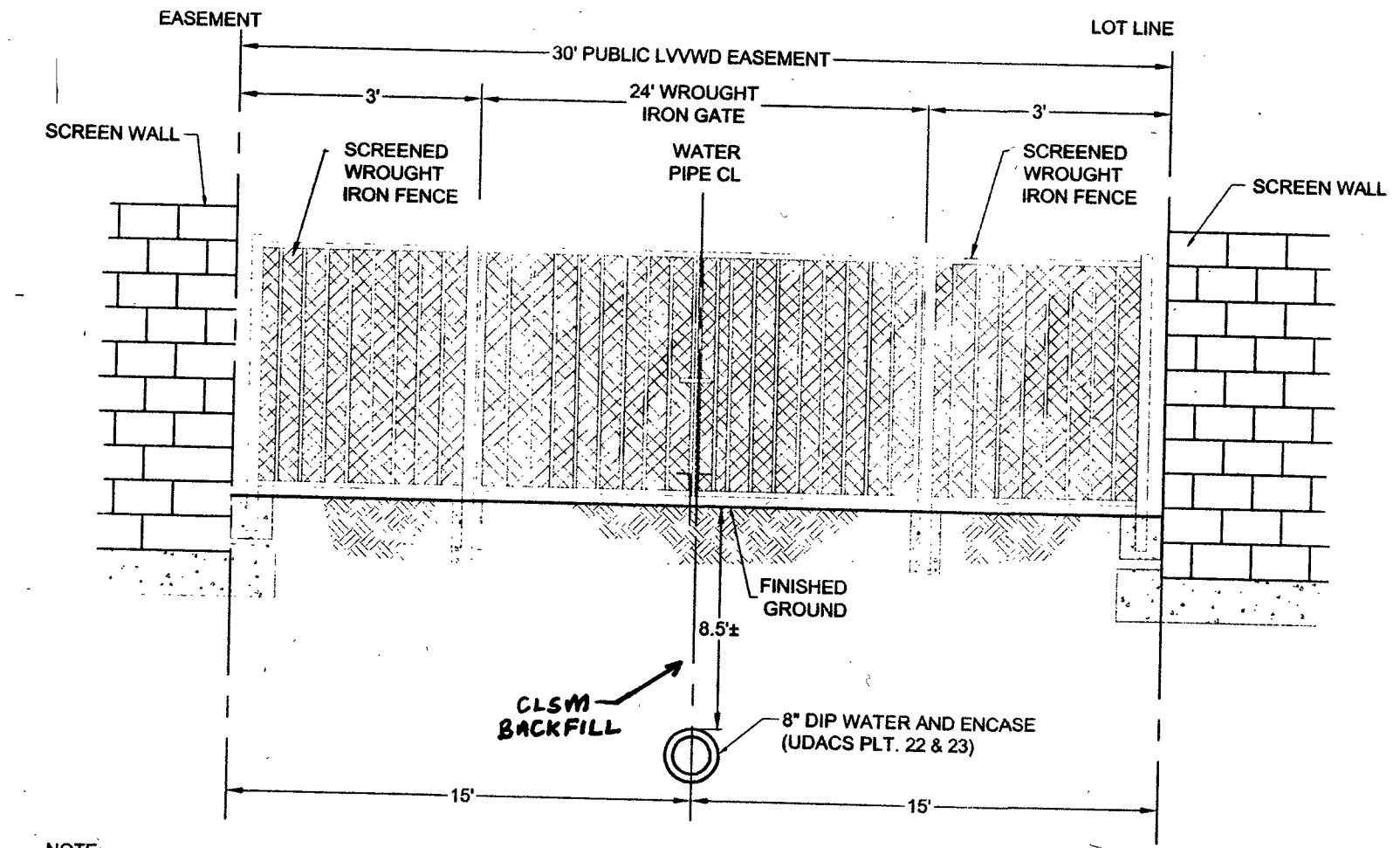
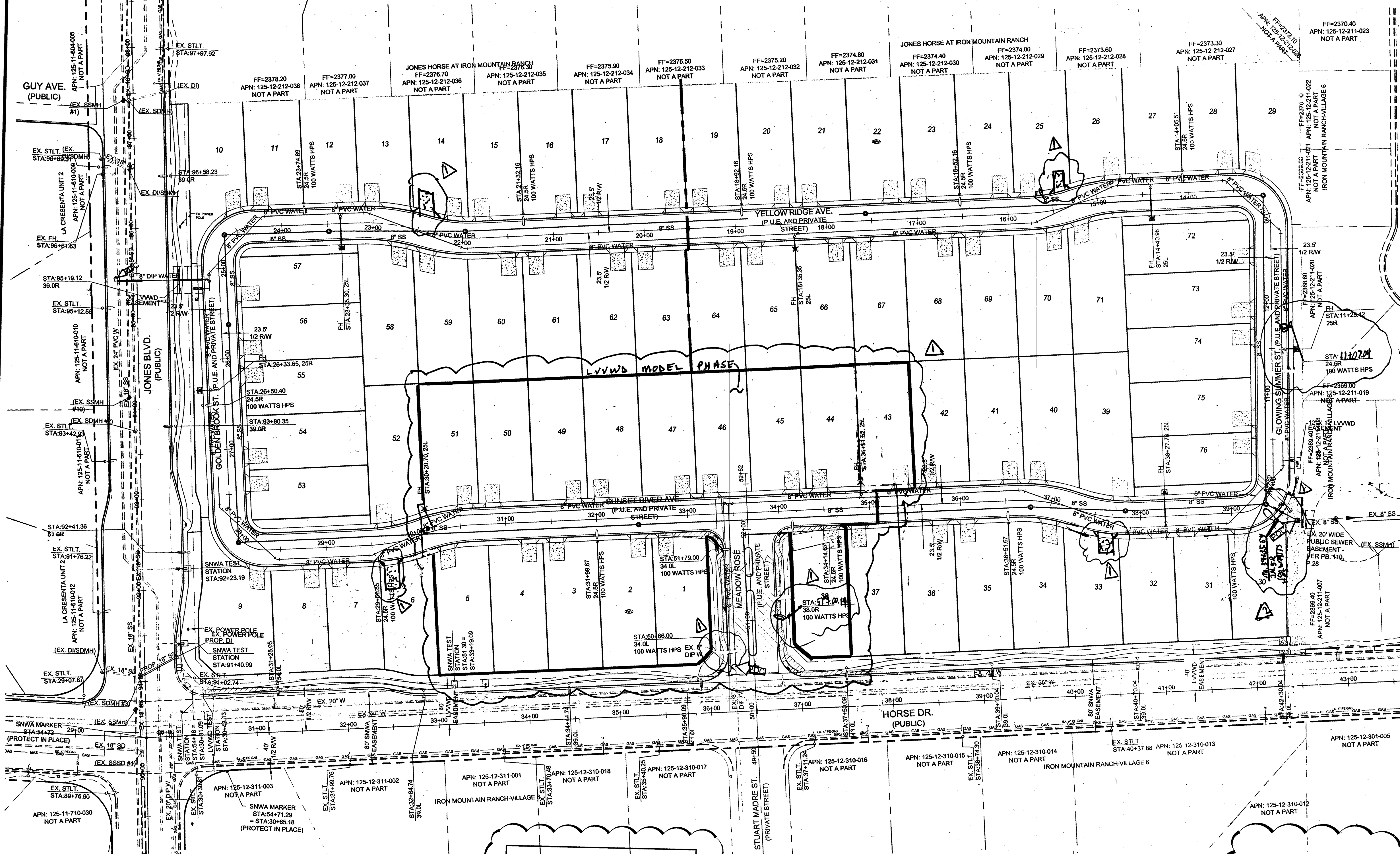




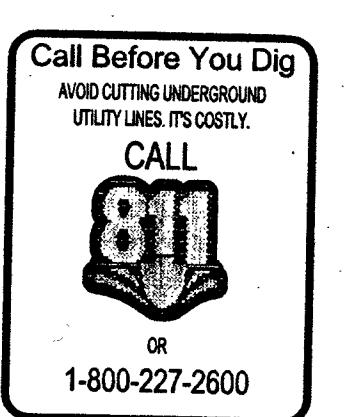
NOTE:
1. THE JOINTS WITHIN EASEMENT MUST BE BONDED AND A TEST STATION INSTALLED AT ONE END OF THE EASEMENT
2. THE ENTIRE TRENCH BACKFILL FOR ENCASED 8\"/>

LVVWD MODEL PHASE NOTE:

LVVWD MODEL PHASE INCLUDES THE FOLLOWING:

ITEM	QTY.	UOM
8" PVC PUBLIC WATERLINE	665	LF
8" GATE VALVE	4	EA
8" FIRE HYDRANT ASSEMBLIES	2	EA
8" CAP END	2	EA
34" METER*	15	EA

*LOTS 1-5, 38, 43-51 INCLUSIVE



SNWA NOTES:

SNWA FIBER OPTIC CONDUIT RUNS ALONG THE SOUTH SIDE OF THE SNWA 80\"/>

IF EXPOSED, CONTRACTOR TO PAY FOR AND REPLACE SNWA CATHODIC PROTECTION TEST STATION GROUND MATS, MAGNESIUM RIBBONS, OR ZINC RIBBONS WITH NEW GROUND MATS, MAGNESIUM RIBBONS OR ZINC RIBBONS.

SNWA CONSTRUCTION NOTES:
CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL SNWA / SNWS APPURTENANCES INCLUDING, BUT NOT LIMITED TO: AV / AR'S, ACCESS MAIN WAYS AND CATHODIC PROTECTION SYSTEMS. ALL ABOVE GROUND STRUCTURES AND AT GRADE STRUCTURES MUST BE ADJUSTED TO NEW GRADE AT CONTRACTOR'S EXPENSE. CATHODIC PROTECTION TEST STATIONS, RECTIFIERS, AND AV / AR'S MUST BE RELOCATED TO THE SIDEWALK PER SNWA STANDARDS AND THE CONTRACTOR'S EXPENSE. CONTRACTOR TO NOTIFY SOUTHERN NEVADA WATER AUTHORITY, DEVELOPMENT PLAN REVIEW, AT (702)228-3165 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY.

ALL REPAIRS OR RELOCATIONS OF SNWA CATHODIC PROTECTION STATIONS OR APPURTENANCES WILL BE DONE BY A CERTIFIED NACE CATHODIC PROTECTION SPECIALIST AND IN ACCORDANCE WITH SNWA STANDARDS

SNWA TEST LEADS ARE SHALLOW

SNWA APPROVAL IS VALID ONE (1) YEAR FROM THE SIGNATURE DATE. IF CONSTRUCTION WITHIN THE EASEMENT OR RESTRICTED PIPE SAFETY ZONE IS NOT COMPLETE, PLANS MUST BE RESUBMITTED TO SNWA FOR APPROVAL.

SOUTHERN NEVADA WATER AUTHORITY
DPR 2015-0066
DATE: 9/12/15

SEWER FLOW CALCULATIONS

AVERAGE FLOW = 76 LOTS X 0.00025 MGD = 0.019 MGD
PEAK FLOW = 0.019 MGD X 3.5 X 1.25 = 0.083125 MGD

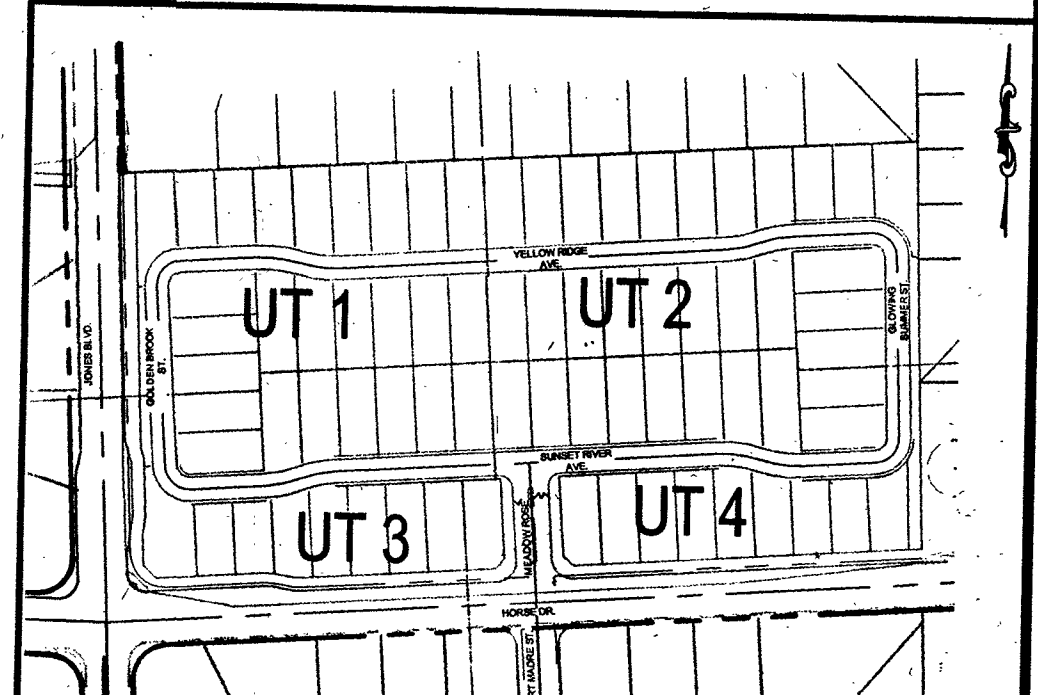
CONSTRUCTION PHASING

THE DEVELOPER REQUESTS THAT PHASE 1 OF CONSTRUCTION BE BROUGHT INTO SERVICE PRIOR TO COMPLETION OF REMAINDER OF PROJECT TO PROVIDE SERVICE TO MODEL HOMES WHILE CONSTRUCTION OF PROJECT CONTINUES.

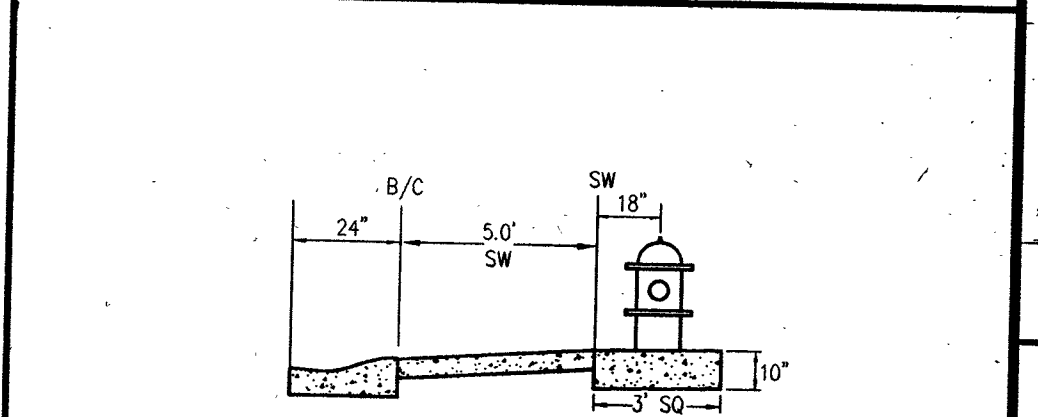
UTILITY NOTES

- ALL WATER FACILITIES CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS" (UDACS), LATEST EDITION.
- FIRE, WATER, AND SEWER SERVICES, AS APPROVED ON THIS PLAN, ARE INTENDED SPECIFICALLY FOR THE LOT AND USE SHOWN, AND ARE NOT INTENDED TO SERVICE ADDITIONAL PARCELS OR STRUCTURES WHICH MAY BE CREATED IN THE FUTURE. IN THE EVENT THAT PARCELS AND/OR LOTS SHOWN ON THIS PLAN ARE FURTHER DIVIDED TO CREATE ADDITIONAL PARCELS OR LOTS, THE OWNER IS REQUIRED TO PROVIDE SEPARATE FIRE, WATER, & SEWER SERVICES TO EACH.
- WATER AND SEWER LATERALS SHALL BE INSTALLED A MINIMUM OF 48\"/>

KEY MAP



FIRE HYDRANT DETAIL



WATER MAIN JOINT DEFLECTION

(PVC 4\"/>

FIRE FLOW CALCULATIONS

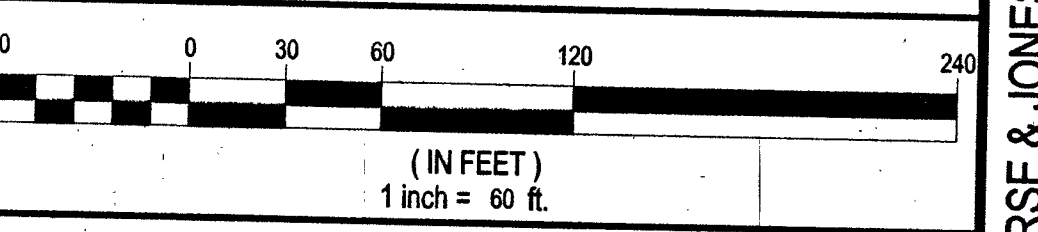
FIRE FLOW REQUIREMENT IS 1,250 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:
SQUARE FOOTAGE: 4,800 SQ. FT. MAX.
HEIGHT: 35-FT.
SPRINKLER SYSTEM: NO
ROOF CONSTRUCTION: TILE
HIGH PILED COMBUSTIBLE STORAGE: NO

LARGEST AREA BETWEEN SEPARATE WALLS: N/A
TYPE OF CONSTRUCTION: Y-B
OCCUPANCY: SINGLE FAMILY RESIDENTIAL
STORIES: 2
ESFR SYSTEM: NO

UTILITY DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.
CALL BEFORE YOU DIG: 1-800-227-2600
CALL BEFORE YOU OVERHEAD: 1-702-227-2929

SCALE



LEGAL DESCRIPTION

A PORTION OF SOUTH HALF (S 1/2) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M. CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

BASIS OF BEARINGS

NORTH 01°47'03\"/>

BENCHMARK

CLV BM # 8139012W
RIVET AND PLATE IN TOP OF CURB SOUTH EAST CORNER OF HORSE DR. & JONES BLVD.
722.58m/2370.69FT (NAVD 83 DATUM)

APPROVAL BLOCK

DESIGNED BY: CA
CHECKED BY: TSM
SHEET NAME: UT0
SHEET: 17 OF 25
DATE: 8/26/2015
SCALE: 1\"/>

CENTURY COMMUNITIES
6435 SOUTH JONES BLV.
SUITE 100
LAS VEGAS, NV 89116
(702) 973-5338 FAX: (702) 704-4333

ANNEY ENGINEERING
6030 S. JONES BLVD. STE 100
LAS VEGAS, NV 89118
(702) 382-8844 FAX: (702) 382-5233

HORSE & JONES (AKA: MEADOW RIDGE) SINGLE FAMILY RESIDENTIAL

MASTER UTILITY PLAN

REVISIONS

NO.	DESCRIPTION	DATE	APPR.
1	REVISED STREETS LIGHTS AND DRIVEWAYS	8/26/15	CA
2	REVISED DRIVEWAYS	8/26/15	CA
3	REVISED DRIVEWAYS	8/26/15	CA
4	REVISED DRIVEWAYS	8/26/15	CA
5	REVISED DRIVEWAYS	8/26/15	CA
6	REVISED DRIVEWAYS	8/26/15	CA
7	REVISED DRIVEWAYS	8/26/15	CA
8	REVISED DRIVEWAYS	8/26/15	CA
9	REVISED DRIVEWAYS	8/26/15	CA
10	REVISED DRIVEWAYS	8/26/15	CA
11	REVISED DRIVEWAYS	8/26/15	CA
12	REVISED DRIVEWAYS	8/26/15	CA
13	REVISED DRIVEWAYS	8/26/15	CA
14	REVISED DRIVEWAYS	8/26/15	CA
15	REVISED DRIVEWAYS	8/26/15	CA
16	REVISED DRIVEWAYS	8/26/15	CA
17	REVISED DRIVEWAYS	8/26/15	CA
18	REVISED DRIVEWAYS	8/26/15	CA
19	REVISED DRIVEWAYS	8/26/15	CA
20	REVISED DRIVEWAYS	8/26/15	CA
21	REVISED DRIVEWAYS	8/26/15	CA
22	REVISED DRIVEWAYS	8/26/15	CA
23	REVISED DRIVEWAYS	8/26/15	CA
24	REVISED DRIVEWAYS	8/26/15	CA
25	REVISED DRIVEWAYS	8/26/15	CA
26	REVISED DRIVEWAYS	8/26/15	CA
27	REVISED DRIVEWAYS	8/26/15	CA
28	REVISED DRIVEWAYS	8/26/15	CA
29	REVISED DRIVEWAYS	8/26/15	CA
30	REVISED DRIVEWAYS	8/26/15	CA
31	REVISED DRIVEWAYS	8/26/15	CA
32	REVISED DRIVEWAYS	8/26/15	CA
33	REVISED DRIVEWAYS	8/26/15	CA
34	REVISED DRIVEWAYS	8/26/15	CA
35	REVISED DRIVEWAYS	8/26/15	CA
36	REVISED DRIVEWAYS	8/26/15	CA
37	REVISED DRIVEWAYS	8/26/15	CA
38	REVISED DRIVEWAYS	8/26/15	CA
39	REVISED DRIVEWAYS	8/26/15	CA
40	REVISED DRIVEWAYS	8/26/15	CA
41	REVISED DRIVEWAYS	8/26/15	CA
42	REVISED DRIVEWAYS	8/26/15	CA
43	REVISED DRIVEWAYS	8/26/15	CA
44	REVISED DRIVEWAYS	8/26/15	CA
45	REVISED DRIVEWAYS	8/26/15	CA
46	REVISED DRIVEWAYS	8/26/15	CA
47	REVISED DRIVEWAYS	8/26/15	CA
48	REVISED DRIVEWAYS	8/26/15	CA
49	REVISED DRIVEWAYS	8/26/15	CA
50	REVISED DRIVEWAYS	8/26/15	CA
51	REVISED DRIVEWAYS	8/26/15	CA
52	REVISED DRIVEWAYS	8/26/15	CA
53	REVISED DRIVEWAYS	8/26/15	CA
54	REVISED DRIVEWAYS	8/26/15	CA
55	REVISED DRIVEWAYS	8/26/15	CA
56	REVISED DRIVEWAYS	8/26/15	CA
57	REVISED DRIVEWAYS	8/26/15	CA
58	REVISED DRIVEWAYS	8/26/15	CA
59	REVISED DRIVEWAYS	8/26/15	CA
60	REVISED DRIVEWAYS	8/26/15	CA
61	REVISED DRIVEWAYS	8/26/15	CA
62	REVISED DRIVEWAYS	8/26/15	CA
63	REVISED DRIVEWAYS	8/26/15	CA
64	REVISED DRIVEWAYS	8/26/15	CA
65	REVISED DRIVEWAYS	8/26/15	CA
66	REVISED DRIVEWAYS	8/26/15	CA
67	REVISED DRIVEWAYS	8/26/15	CA
68	REVISED DRIVEWAYS	8/26/15	CA
69	REVISED DRIVEWAYS	8/26/15	CA
70	REVISED DRIVEWAYS	8/26/15	CA
71	REVISED DRIVEWAYS	8/26/15	CA
72	REVISED DRIVEWAYS	8/26/15	CA
73	REVISED DRIVEWAYS	8/26/15	CA
74	REVISED DRIVEWAYS	8/26/15	CA
75	REVISED DRIVEWAYS	8/26/15	CA
76	REVISED DRIVEWAYS	8/26/15	CA
77	REVISED DRIVEWAYS	8/26/15	CA
78	REVISED DRIVEWAYS	8/26/15	CA