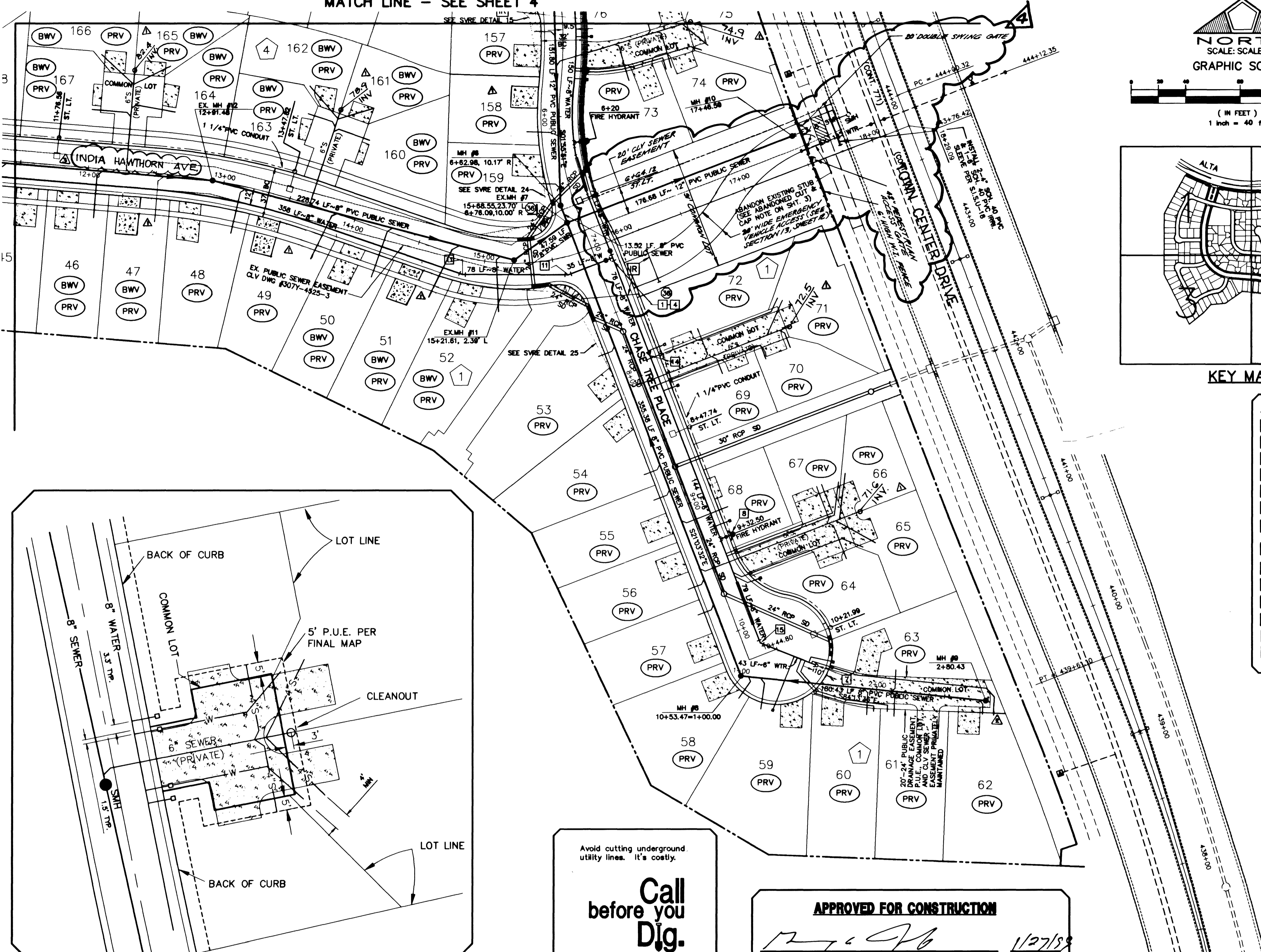
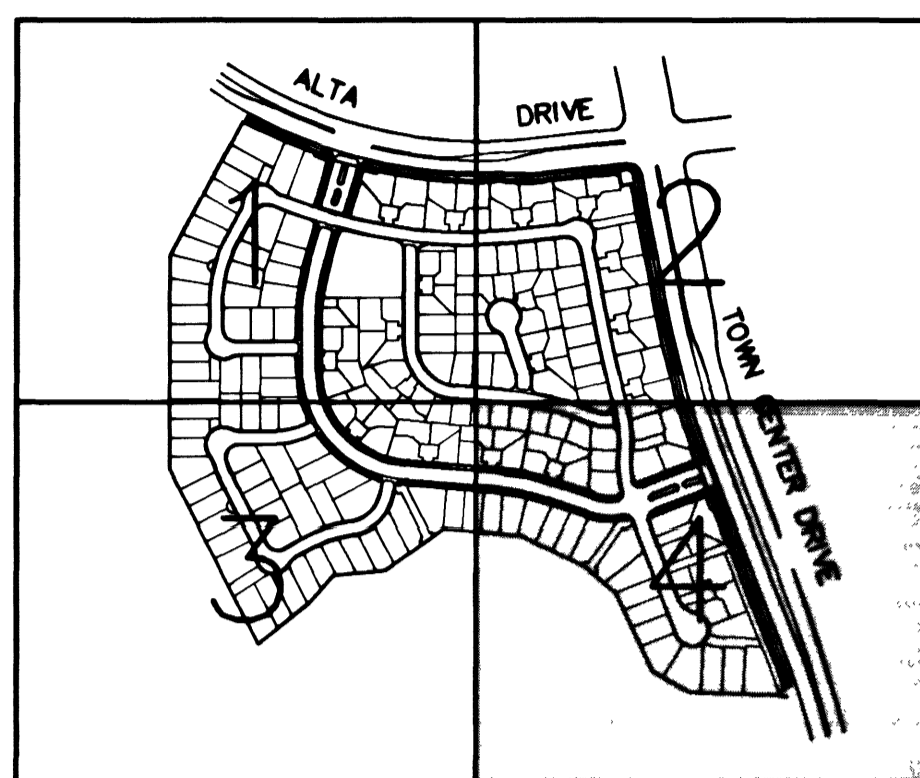
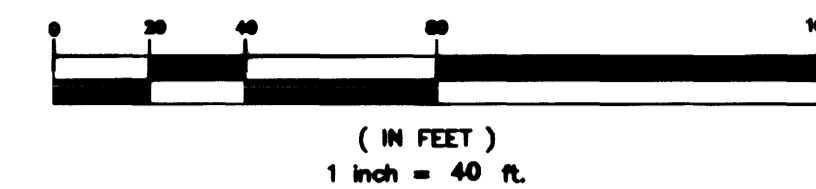


MATCH LINE - SEE SHEET 4

MATCH LINE - SEE SHEET 5



NORTH
SCALE: SCALE
GRAPHIC SCALE



KEY MAP

ESTIMATE OF WATER QUANTITIES

6" PVC WATER MAIN	446 L.F.
8" PVC WATER MAIN	5281 L.F.
1" COPPER WATER SERVICE	204 EA.
5/8" WATER METER (FROM LVWMD)	204 EA.
1 1/2" WATER METER W/ 1 1/2" RPPA	3 EA.
METER BOX (UDACS PLATE 18) ARMORCAST, INC. W/ H-20 LOAD RATING	204 EA.
METER BOX (UDACS PLATE 10) ARMORCAST, INC. W/ H-20 LOAD RATING	3 EA.
2" BLOW-OFF ASSEMBLY W/CAP	3 EA.
8" TEE	7 EA.
12" x 8" REDUCER	1 EA.
STD. FIRE HYDRANT ASSEMBLY W/ 8" LATERAL & 6" GATE VALVE	11 EA.
8" GATE VALVE	12 EA.
8" 45° BEND	12 EA.
8" 60° BEND	1 EA.
8" 90° BEND	2 EA.
8" CROSS	1 EA.
8" x 6" TEE	1 EA.
8" GATE VALVE	1 EA.
8" x 8" REDUCER	1 EA.
8" 45° BEND	5 EA.
PRV	204 EA.

NOTE: QUANTITIES ARE APPROXIMATE ONLY - CONTRACTOR TO VERIFY.

FITTINGS LEGEND

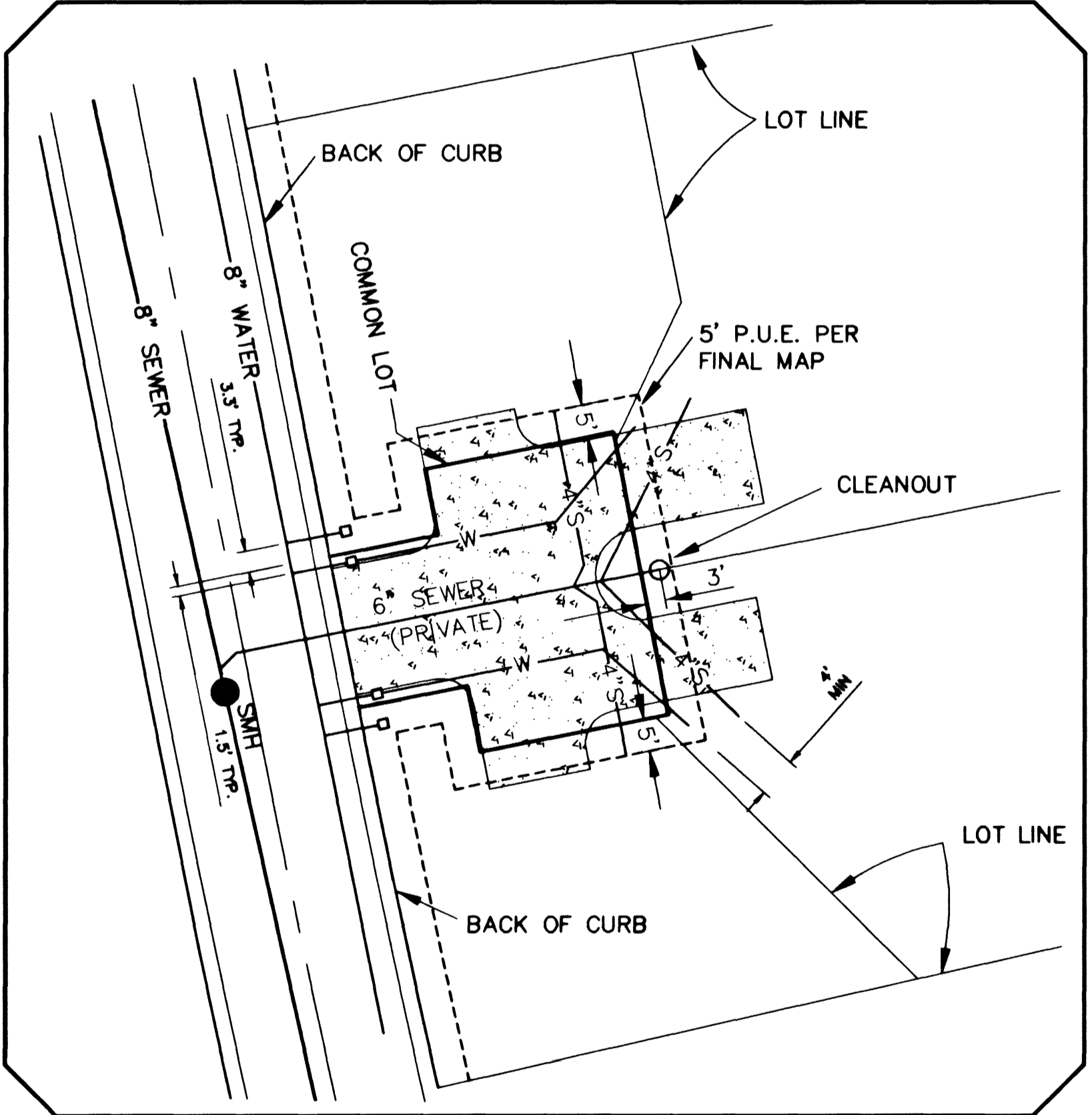
- 1 8" TEE
- 2 8"x6" TEE
- 3 6" GATE VALVE
- 4 8" GATE VALVE
- 5 12" GATE VALVE
- 6 12"x8" REDUCER
- 7 2" BLOW-OFF ASSEMBLY W/CAP
- 8 FIRE HYDRANT ASSY. (UDS PLATE NO. 7)
- 9 8" CROSS
- 10 8" 45° BEND
- 11 8" 22 1/2° BEND
- 12 8" 90° BEND
- 13 8" 11 1/4° BEND
- 14 (1) - 6" & (1) - 3" IRRIGATION SLEEVES

STREET LIGHT LEGEND

- * NEW STREETLIGHT PAD MOUNT SERVICE POINT
- 100W STREET LIGHT W/TYPE 3 CONCRETE POLE
- EXISTING STREET LIGHT
- PROPOSED NO. 3-1/2 CONCRETE PULL BOX W/ METAL COVER
- 1 1/4" ST. LT. CONDUIT
- PE PHOTO EYE

TRAFFIC LEGEND & QUANTITIES

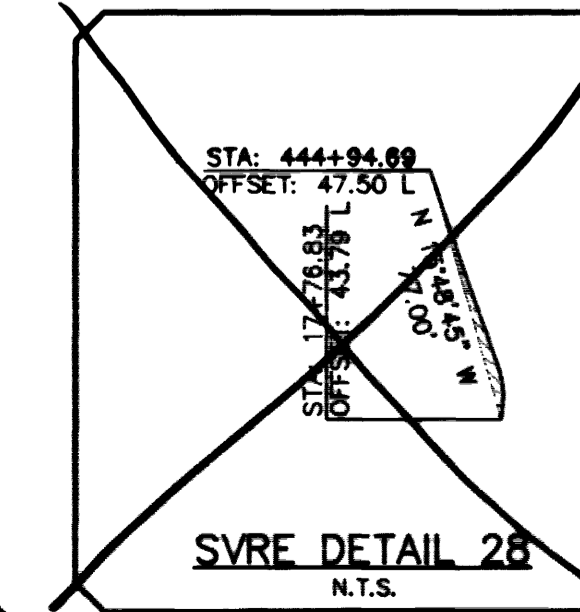
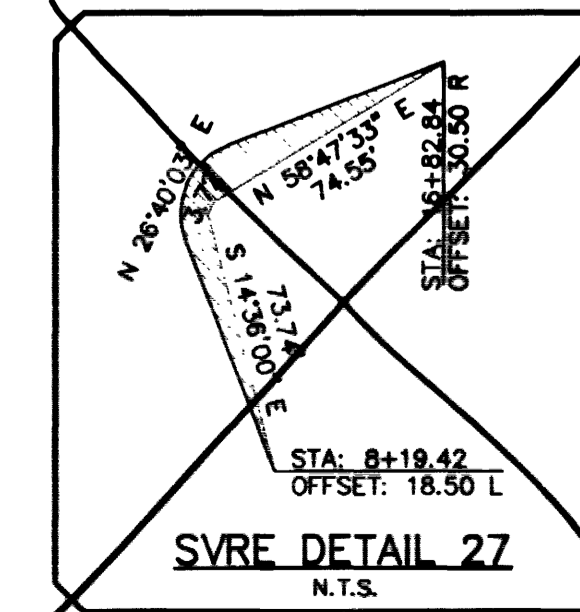
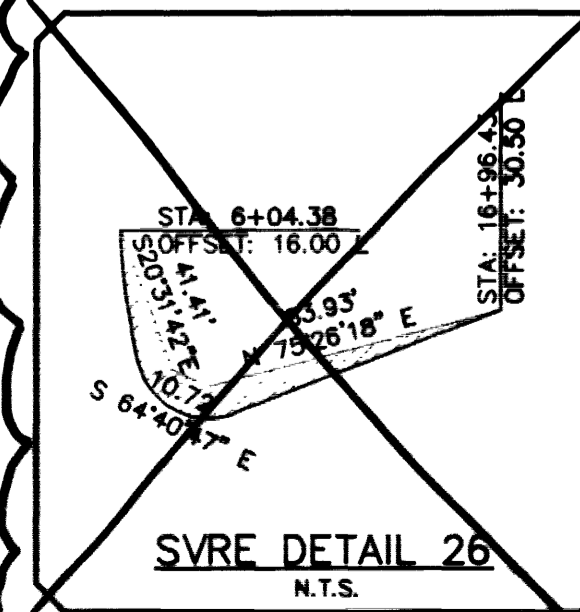
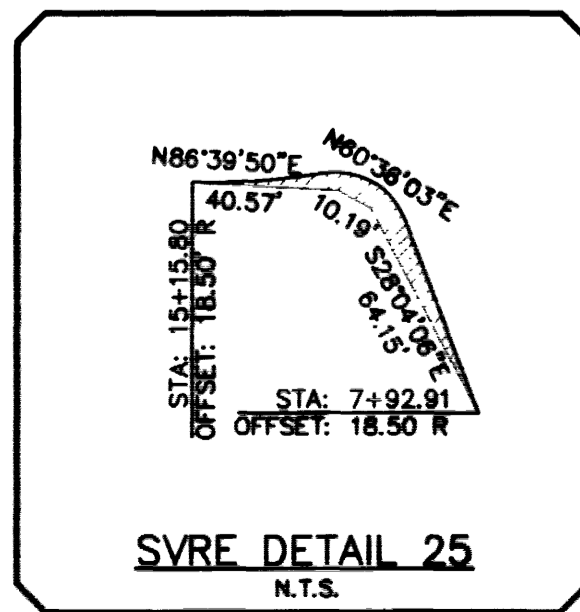
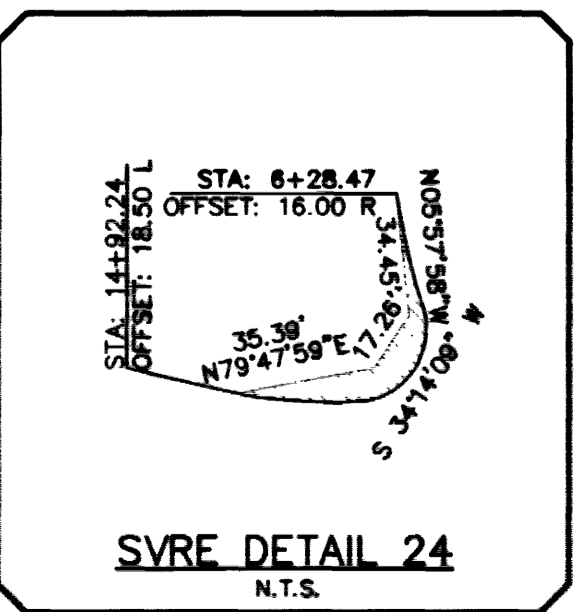
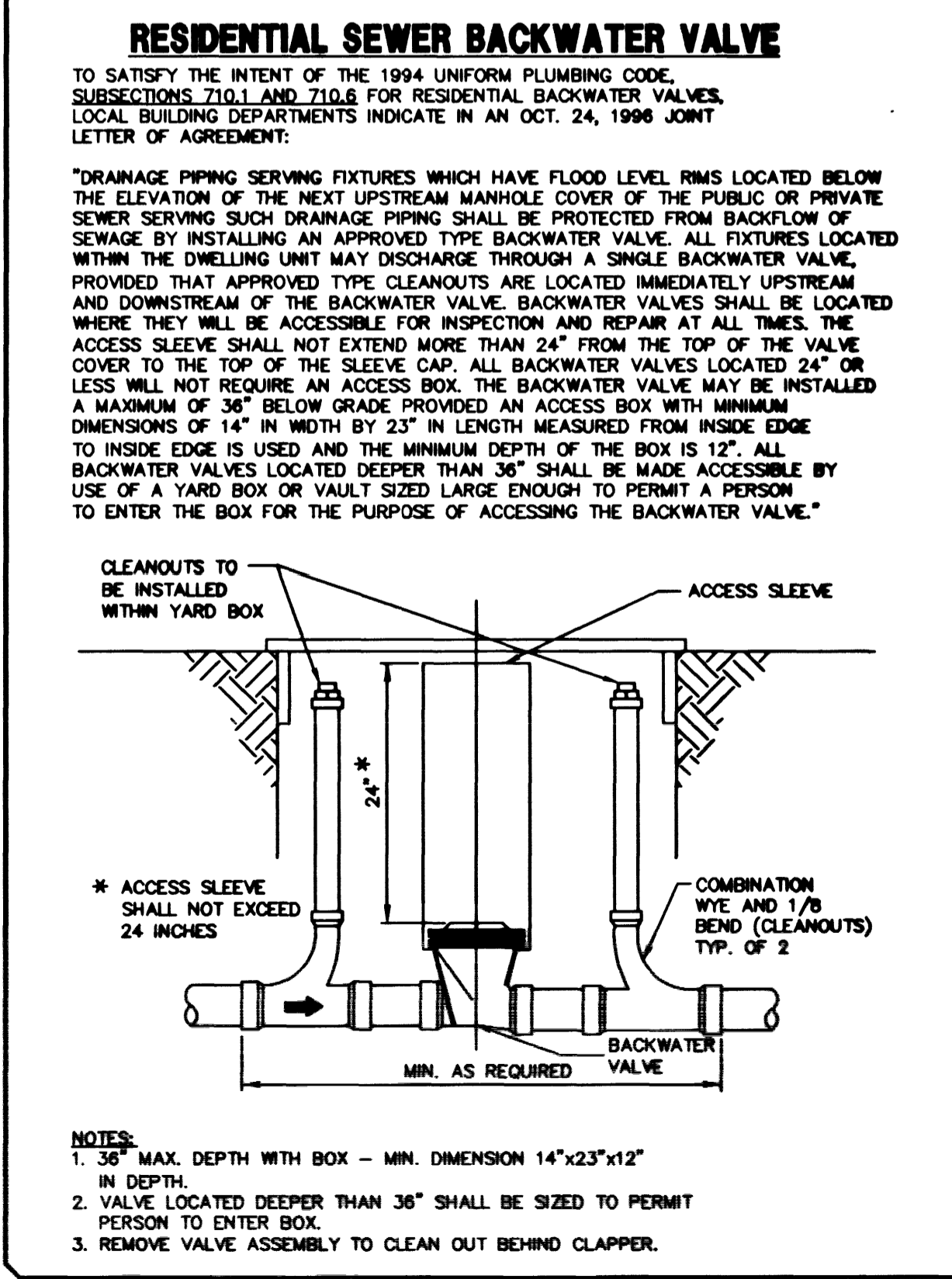
- 9" D-3 STREET NAME SIGN -
- 6" D-3 STREET NAME SIGN 13 EA.
- 36" STOP SIGN (R1-1) 6 EA.
- 25 MPH SIGN (R2-1) 2 EA.



TYPICAL WATER AND SEWER LATERAL - CLUSTER HOMES
SCALE: 1"=20'

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT
DATE: 11/27/18



NO.	DESCRIPTION	DATE
1	REVISION	11/15/18
2	REVISION	11/15/18
3	REVISION	11/15/18
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6	REVISION	11/15/18
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100	REVISION	11/15/18

NGRO ASSOCIATES
4545 SPRING MOUNTAIN ROAD, SUITE 105
LAS VEGAS, NEVADA 89102
(702) 247-1920

PENTACORE
CIVIL ENGINEERING AND SURVEYING PLANNING
CONSTRUCTION
8733 WEST CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89102 (702) 258-0115

UTILITY PLAN 4

DESERT BLOOM

DATE:	6/12/18
PN:	
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
ADA CHECKED BY:	
JOB NO.:	0212.0010
SCALE:	1"=40'

PROFESSIONAL ENGINEER - STATE OF NEVADA
RICHARD P. SENECALE
11752
11-20-18

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