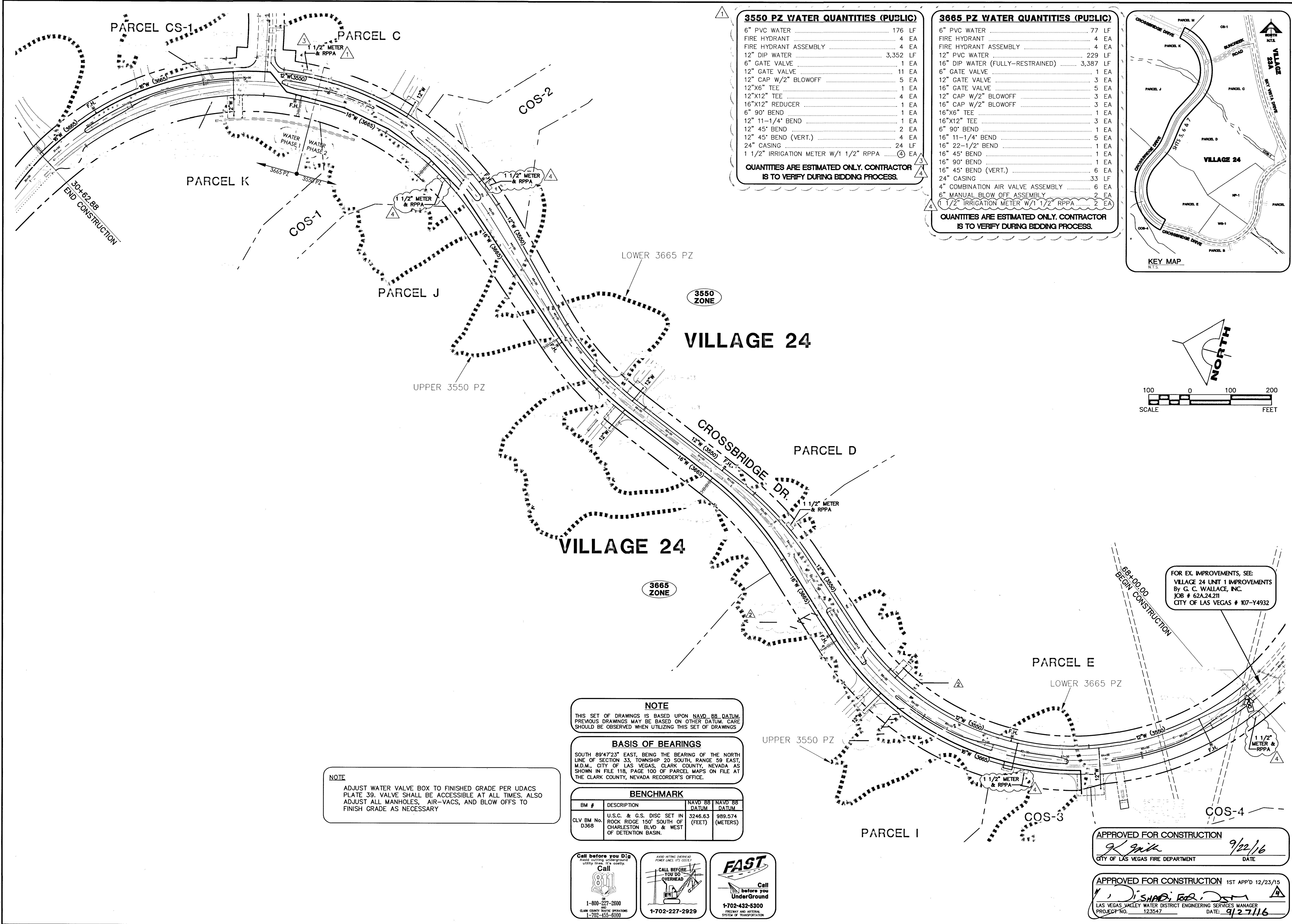
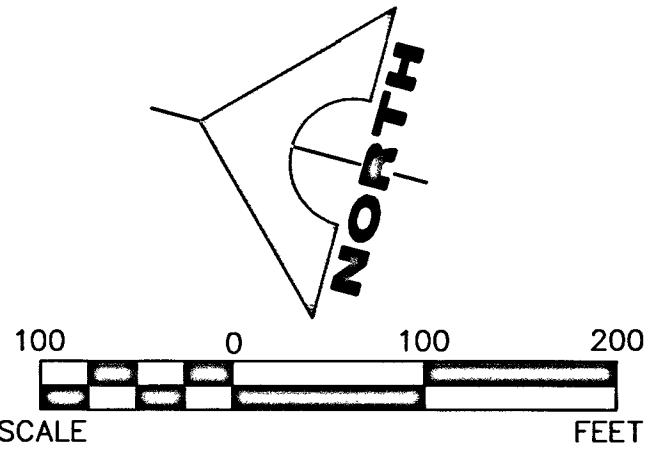
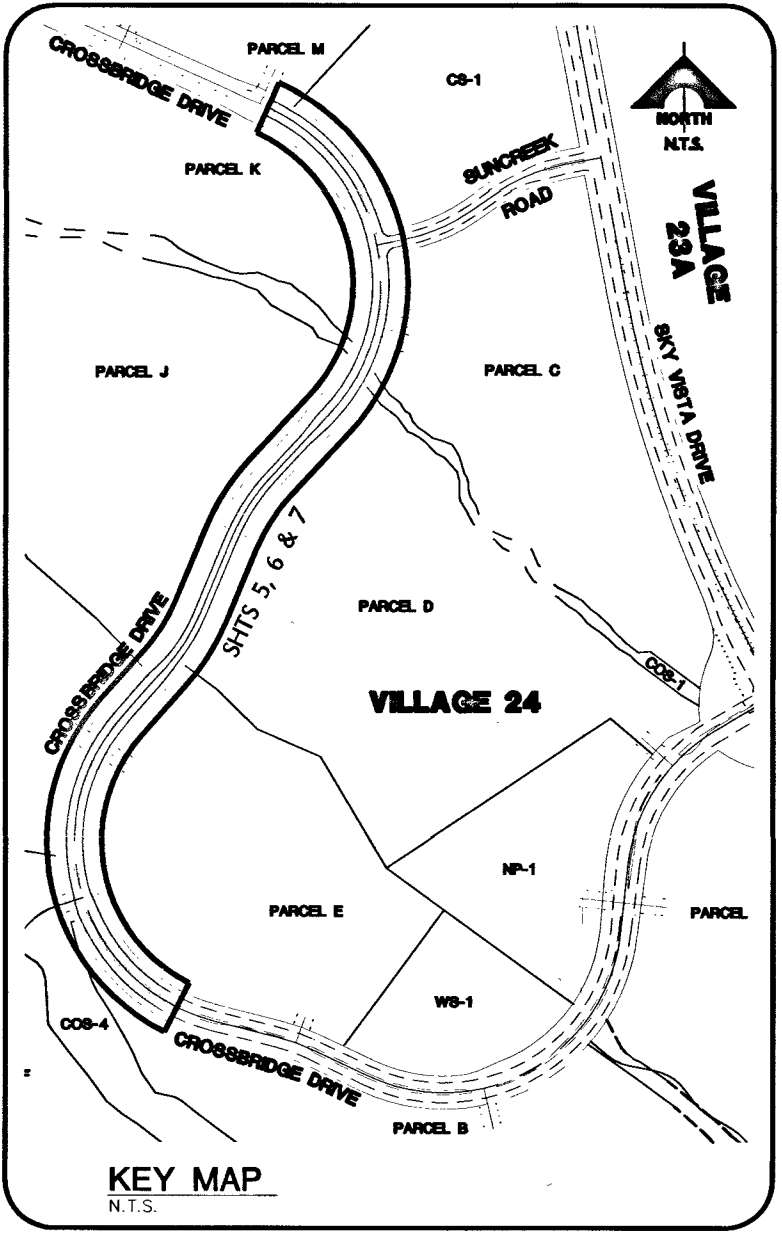


6/24/2016 10:07:03 AM



3550 PZ WATER QUANTITIES (PUBLIC)		
6" PVC WATER	176	LF
FIRE HYDRANT	4	EA
FIRE HYDRANT ASSEMBLY	4	EA
12" DIP WATER	3,352	LF
6" GATE VALVE	1	EA
12" GATE VALVE	11	EA
12" CAP W/2" BLOWOFF	5	EA
12"x6" TEE	1	EA
12"x12" TEE	4	EA
16"x12" REDUCER	1	EA
6" 90° BEND	1	EA
12" 11-1/4" BEND	1	EA
12" 45° BEND	2	EA
12" 45° BEND (VERT.)	4	EA
24" CASING	24	LF
1 1/2" IRRIGATION METER W/1 1/2" RPPA	4	EA
QUANTITIES ARE ESTIMATED ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.		

3665 PZ WATER QUANTITIES (PUBLIC)		
6" PVC WATER	77	LF
FIRE HYDRANT	4	EA
FIRE HYDRANT ASSEMBLY	4	EA
12" DIP WATER	229	LF
16" DIP WATER (FULLY-RESTRAINED)	3,387	LF
6" GATE VALVE	1	EA
12" GATE VALVE	3	EA
16" GATE VALVE	5	EA
12" CAP W/2" BLOWOFF	3	EA
16" CAP W/2" BLOWOFF	3	EA
16"x6" TEE	1	EA
16"x12" TEE	3	EA
6" 90° BEND	1	EA
16" 11-1/4" BEND	5	EA
16" 22-1/2" BEND	1	EA
16" 45° BEND	1	EA
16" 90° BEND	1	EA
16" 45° BEND (VERT.)	6	EA
24" CASING	33	LF
4" COMBINATION AIR VALVE ASSEMBLY	6	EA
6" MANUAL BLOW OFF ASSEMBLY	2	EA
1 1/2" IRRIGATION METER W/1 1/2" RPPA	2	EA
QUANTITIES ARE ESTIMATED ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.		



NOTE

THIS SET OF DRAWINGS IS BASED UPON NAVD 88 DATUM. PREVIOUS DRAWINGS MAY BE BASED ON OTHER DATUM. CARE SHOULD BE OBSERVED WHEN UTILIZING THIS SET OF DRAWINGS

BASIS OF BEARINGS

SOUTH 89°47'23" EAST, BEING THE BEARING OF THE NORTH LINE OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

BENCHMARK		NAVD 88 DATUM	NAVD 88 DATUM
BM #	DESCRIPTION	(FEET)	(METERS)
CLV BM No. D368	U.S.C. & G.S. DISC SET IN ROCK RIDGE 150' SOUTH OF CHARLESTON BLVD & WEST OF DETENTION BASIN.	3246.63	989.574

NOTE

ADJUST WATER VALVE BOX TO FINISHED GRADE PER UDACS PLATE 39. VALVE SHALL BE ACCESSIBLE AT ALL TIMES. ALSO ADJUST ALL MANHOLES, AIR-VACS, AND BLOW OFFS TO FINISH GRADE AS NECESSARY

Call before you Dig

Avoid cutting underground utility lines. It's costly.

811

1-800-227-2600

CLARK COUNTY TRAFFIC OPERATIONS

1-702-455-6000

Call before you Dig

Avoid hitting overhead power lines. It's costly.

FAST

1-702-227-2929

Call before you Dig

Avoid hitting underground utility lines. It's costly.

FAST

1-702-432-5300

FASTWAY AND UTILITIES

SYSTEM OF TRANSPORTATION

APPROVED FOR CONSTRUCTION

[Signature]

CITY OF LAS VEGAS FIRE DEPARTMENT

DATE: 9/22/16

APPROVED FOR CONSTRUCTION

1ST APP'D 12/23/15

[Signature]

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

PROJECT NO. 123547

DATE: 9/27/16

ENGINEER - STATE OF NEVADA

Professional Seal

PROJECT NO.	62024-222
DESIGN	GCW
DRAWN	GCW
CHECK	JLJ
PLOT DATE	09-21-16
PLOT TIME	07:43:55
REV	

G. C. WALLACE COMPANIES

ENGINEERS | PLANNERS | SURVEYORS

1555 S. RAINBOW BLVD. - LAS VEGAS, NV 89146

T: 702.894.2000 • F: 702.894.2299 • GCWALLACE.COM

LAS VEGAS

F:\Projects\600\62024-222\DWG\Production\24CB2C05_Jul1.dwg

Lupe Garcia

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 24 - CROSSBRIDGE DRIVE UNIT 2

IMPROVEMENT PLANS

MASTER UTILITY PLAN - WATER

PROJ#123547 AGR# 115478 QS137-33-SE XC 11081

DRAWING

10706545

5

5 OF 53 SHTS

SID NO. 812 PROJECT 9A, 9B AND 10A