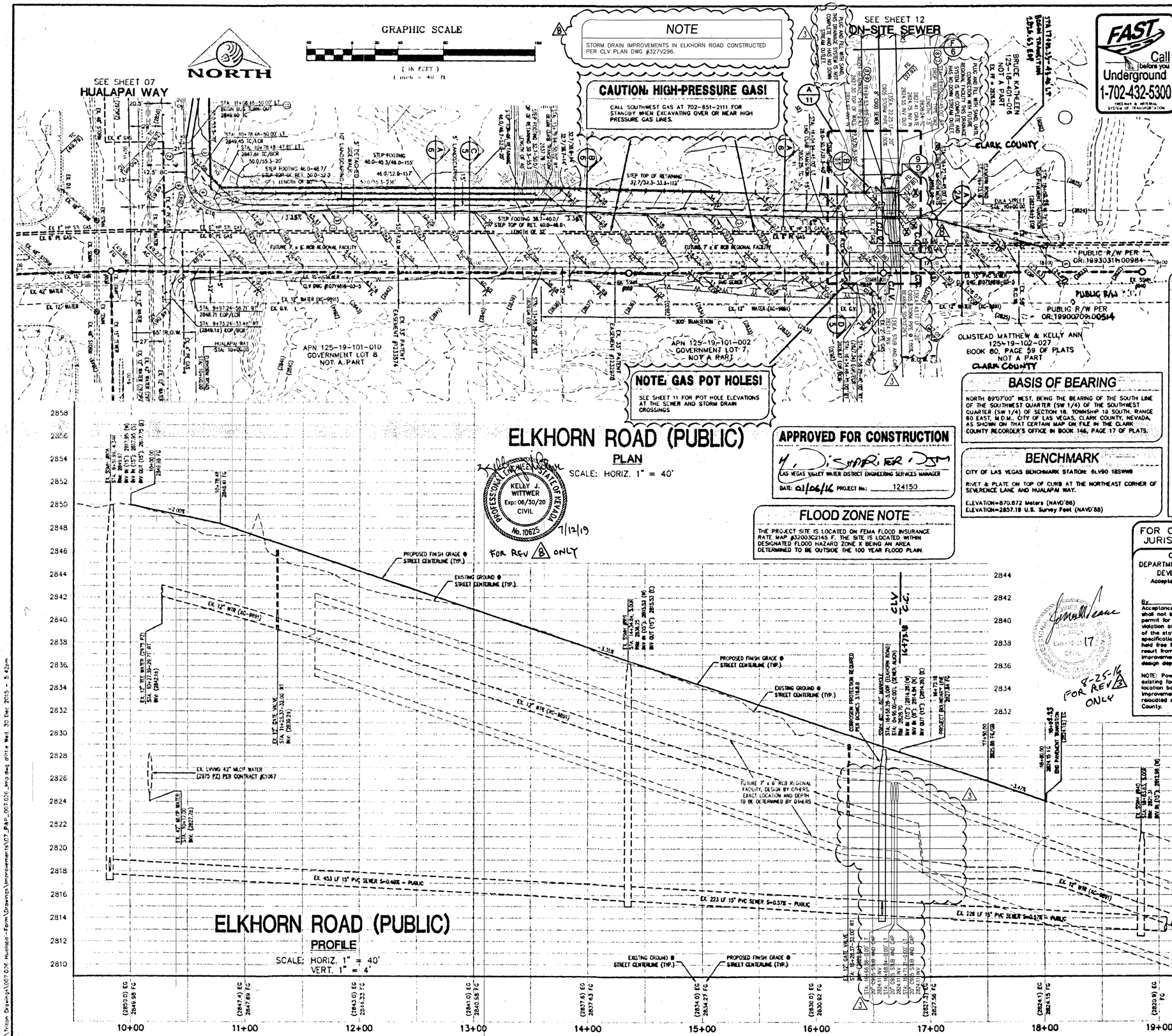


APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

DATE: 01/06/16 PROJECT No.: 124150

FLOOD ZONE NOTE

THE PROJECT SITE IS LOCATED ON FEMA FLOOD INSURANCE RATE MAP #32003C2145 F. THE SITE IS LOCATED WITHIN DESIGNATED FLOOD HAZARD ZONE X BEING AN AREA DETERMINED TO BE OUTSIDE THE 100 YEAR FLOOD PLAIN.

BASIS OF BEARING

NORTH 89°07'00" WEST, BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 18, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 146, PAGE 17 OF PLATS.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK STATION: 6LV90 18SW90

RIVET & PLATE ON TOP OF CURB AT THE NORTHEAST CORNER OF SEVERENCE LANE AND HUALAPAI WAY.

ELEVATION=870.872 Meters (NAVD'88)
ELEVATION=2857.19 U.S. Survey Feet (NAVD'88)

FOR CLARK COUNTY JURISDICTION ONLY

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW
Acceptance of plans for filing

By

Acceptance of these plans for filing shall not be construed to be a permit for or an approval of any violation of any of the provisions of the state or county laws and/or specifications. Clark County shall be held free from damages which may result from the construction of the improvements from the engineering design depicted herein.

NOTE: Power poles and/or other existing facilities not in proper location based on proposed improvements shown hereon will be relocated at no expense to Clark County.

8-25-16
FOR REV 3 ONLY

GRADING NOTES

1. ALL PROPOSED PAD ELEVATIONS AND SWALE ELEVATIONS ARE ROUGH GRADES. ALL OTHER PROPOSED ELEVATIONS ARE FINISHED GRADES.
2. THE GRADING PLANS SHALL BE AT THE PROJECT SITE THROUGHOUT THE COURSE OF CONSTRUCTION.
3. ALL GRADING SHALL BE PERFORMED IN CONFORMANCE WITH THE LINES, GRADES AND DETAILS AS SHOWN ON THESE PLANS. ANY DEVIATION FROM THESE PLANS WILL ONLY BE PERMITTED UPON WRITTEN APPROVAL FROM THE ENGINEER.
4. ALL PADS ARE TO BE GRADED WITHIN ±0.3' OF THE ELEVATIONS AS SHOWN ON THE PLANS. GRADING IS NOT COMPLETE UNTIL THE ENGINEER HAS CERTIFIED THAT THE PADS HAVE BEEN GRADED IN SUBSTANTIAL CONFORMANCE TO THE PLANS.
5. ALL PLACEMENT OF OVERSIZED MATERIALS AND/OR FILL MATERIALS SHALL BE PER THE SOILS REPORT REFERENCED ON THIS PLAN.
6. ADD 2700 TO ALL SPOT GRADES AND TOP OF CURB, FLOW LINE AND FINISH GRADE ELEVATIONS.
7. ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOA.
8. ANY CURVED CURB LESS THAN 1% MUST BE WATER TESTED BY CONTRACTOR AS REQUIRED BY CITY INSPECTOR.

CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	091°07'52"	30.00'	47.72'	30.60'
C2	090°00'00"	30.00'	47.12'	30.00'
C3	090°00'00"	20.00'	31.42'	20.00'
C4	090°00'00"	20.00'	31.42'	20.00'
C5	090°00'00"	20.00'	31.42'	20.00'
C6	090°00'00"	20.00'	31.42'	20.00'
C7	090°00'00"	30.00'	47.12'	30.00'
C8	180°00'00"	3.00'	9.42'	INFINITY
C9	180°00'00"	3.00'	9.42'	INFINITY
C10	180°00'00"	3.00'	9.42'	INFINITY
C11	180°00'00"	3.00'	9.42'	INFINITY
C12	017°06'52"	25.00'	7.47'	3.76'
C13	017°06'52"	25.00'	7.47'	3.76'
C14	010°12'28"	25.00'	4.45'	2.23'
C15	010°12'28"	25.00'	4.45'	2.23'
C16	088°53'55"	30.00'	46.55'	29.43'
C17	088°26'53"	25.00'	38.59'	24.33'
C18	087°17'59"	25.00'	38.09'	23.85'
C19	005°41'18"	750.00'	74.46'	37.26'
C20	005°41'18"	588.02'	58.38'	29.21'
C21	008°00'52"	750.00'	104.91'	52.54'
C22	008°00'52"	750.00'	104.91'	52.54'
C23	011°39'16"	200.79'	40.84'	20.49'
C24	011°15'00"	200.00'	39.27'	19.70'

CONSTRUCTION NOTES

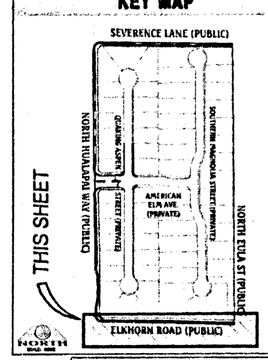
1. CONSTRUCT 8' WIDE VALLEY GUTTER, PER CCAUSD #228.
2. CONSTRUCT "L" TYPE CURB AND GUTTER, PER CCAUSD #216.
3. CONSTRUCT 5' WIDE SIDEWALK, PER CCAUSD #234.
4. CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT, PER CCAUSD #236, CASE 1.
5. CONSTRUCT "A" CURB PER CCAUSD #219.
6. SAWCUT AND MATCH EXISTING PAVEMENT
7. CONSTRUCT TYPE CM DROP INLET OR NEENAH PRE-CAST INLET PER CCAUSD #412.1, SEE DETAIL ON SHEET 13
8. STORM WATER STAMP TO BE LOCATED ADJACENT TO EACH DROP INLET PER CCAUSD #421
9. CONSTRUCT MODIFIED NDOT TYPE 2 DROP INLET PER NDOT DWG #R-4.2.1
10. CONSTRUCT SIDEWALK UNDERDRAIN, PER CCAUSD #236
11. CONSTRUCT BUS TURN-OUT PER CCAUSD #234.1
12. CONSTRUCT A PORTION OF 8' WIDE VALLEY GUTTER, PER CCAUSD #228. POUR CONCRETE NEAT TO EXISTING VALLEY GUTTER.
13. CONSTRUCT GATED ENTRY, PER CCAUSD #222.1
14. CONSTRUCT CONCRETE FLUME, PER DETAIL "L" SHEET 6
15. CONSTRUCT "R" TYPE CURB AND GUTTER, PER CCAUSD #222 & 223.
16. EXISTING UTILITIES TO BE ADJUSTED TO GRADE OR RELOCATED. SEE UTILITY PLANS FOR DETAILS.

GRADING LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR
- BOUNDARY LINE
- STREET CENTERLINE
- EDGE OF PAVEMENT
- EXISTING CURB, GUTTER, & SIDEWALK
- PROPOSED CURB, GUTTER, & SIDEWALK
- PROPOSED AC PAVING
- EX. FENCE
- EX. BLOCK WALL
- PROPOSED RETAINING WALL
- TOP OF FOOTING / APPROX. WALL LENGTH / TOP OF RETAINING WALL
- PROPOSED SCARP

H#61808

KEY MAP



NO	DESCRIPTION	DATE	APPD
3	REMOVE SIDEWALK UNDERDRAIN	8/25/16	
2	REVISED SIZE AND TYPE OF STORM DRAIN, REVISED TRAFFIC SIGNAL	7/12/19	

DATE: 12/21/2015
PM: - K FLANCE
DRAWN BY:
DESIGNED BY:
CHECKED BY:
ADA CHECKED:
JOB NO.: 007.026
SCALE: 1" = 40'

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Fax: (702) 254-3062
www.tritoneng.com

DR HORTON
HUALAPAI / SEVERENCE

ELKHORN ROAD
PLAN AND PROFILE
10+00.00 – 19+00.00

PROFESSIONAL ENGINEER - STATE OF NEVADA
JAMES M. PEARCE
Exp. 12-31-17
CIVIL
No. 9552
12-31-15

SHEET 10 OF 28

C.L.V. DWG.# 107V6546

HTE #15-C4198

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