

SEWER

POWER

HATCH PATTERNS

STANDARD SYMBOLS

ABBREVIATIONS

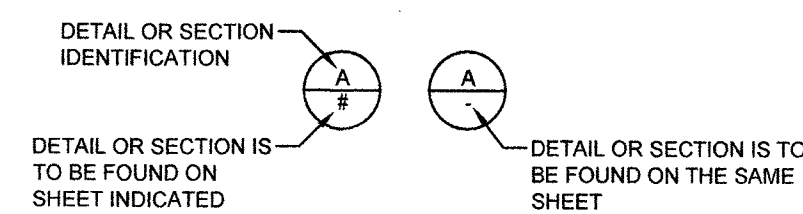
STORM DRAIN

COMMUNICATIONS

SURFACE FEATURES

CONSTRUCTION KEYNOTE TAGS

DETAIL REFERENCE



CURVE DATA	NOTES
A = XXX.XXX	1. XXXXX.
R = XXX.XXX	2. XXXXX.
L = XXX.XXX	3. XXXXX.
T = XXX.XXX	
P1 STA. XXX.XXX	
N = XXXXX.XXXX	
E = XXXXX.XXXX	

MATCHLINE STA. XX+XX.XX
(SEE SHEET PP-XX)

DETAIL NAME
SCALE: NTS

CALLOUTS

PROPOSED BUILDING PAD ELEVATION
PROPOSED BUILDING FINISHED FLOOR ELEVATION

PROPOSED SPOT ELEVATION (@ TBC, TOA, TOC, FG, FL)

EXISTING SPOT ELEVATION (@ TBC, TOA, TOC, FG, FL)

WATER

GAS

IRRIGATION

MISCELLANEOUS

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Henderson, NV 89074
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WARNING

IF THIS BAR DOES NOT
MEASURE 2" THEN
DRAWING IS NOT TO SCALE

REVISIONS

DRAWING INFO

DATE 04/11/2019

DESIGNED MDP

DRAWN PMP

CHECKED LMB

PROJECT NV-1152-1804

SWC CRAIG & CONOUGH (MSM-600048-18)

CLARK COUNTY, NV

LEGEND & ABBREVIATIONS SHEET

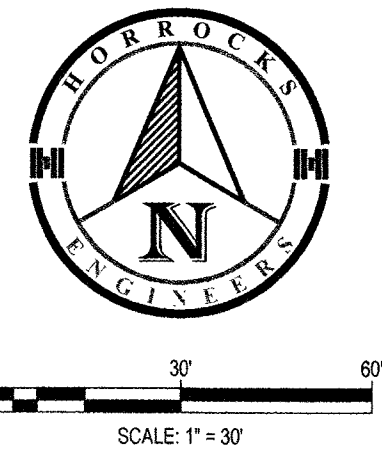
APN# 138-04-702-003

C.O.2

PW18-18518

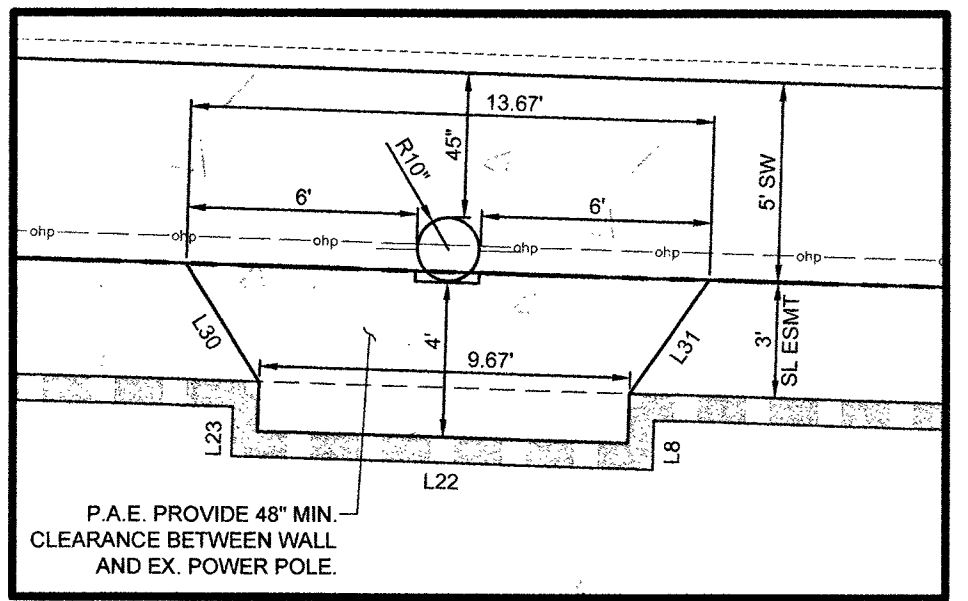
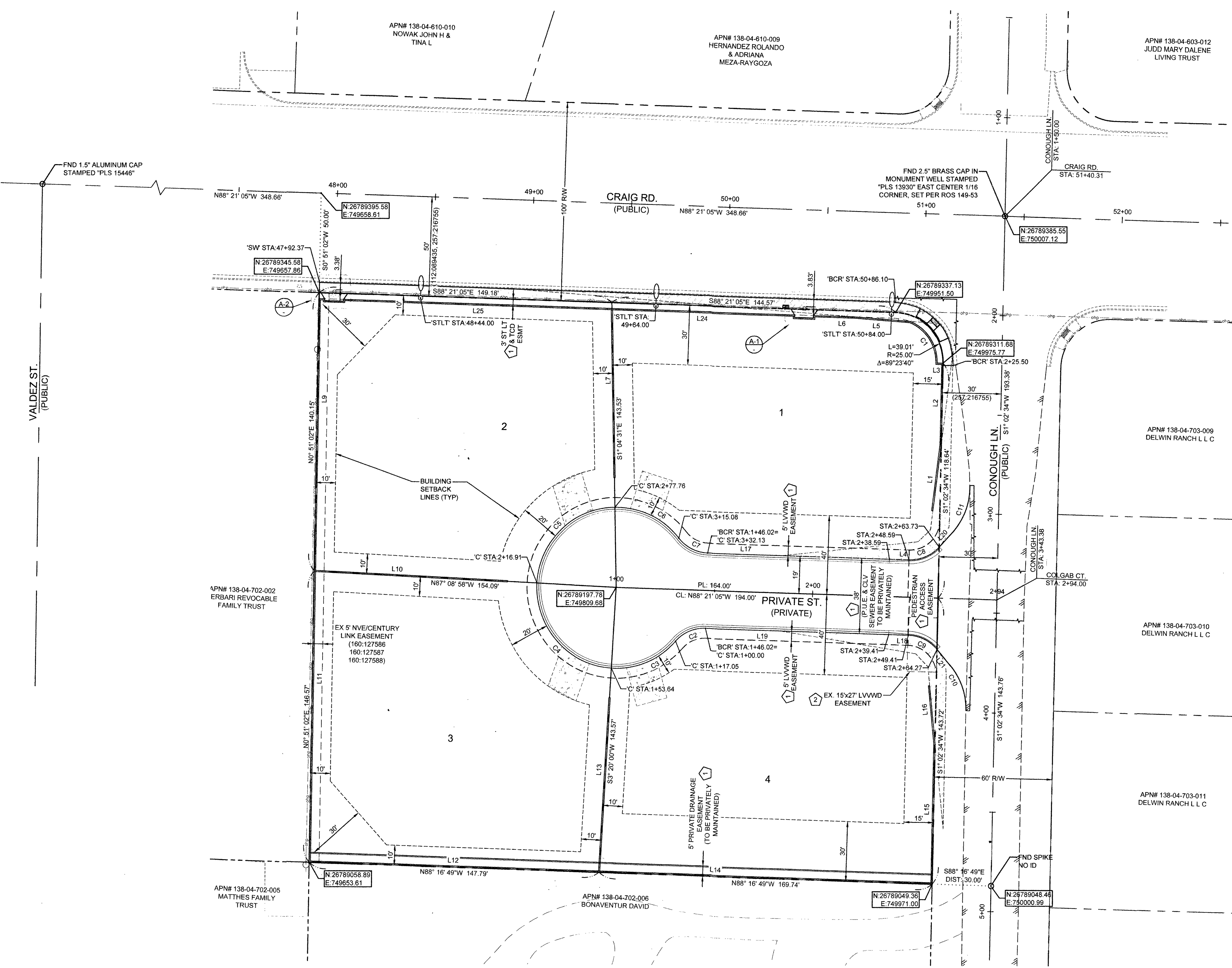
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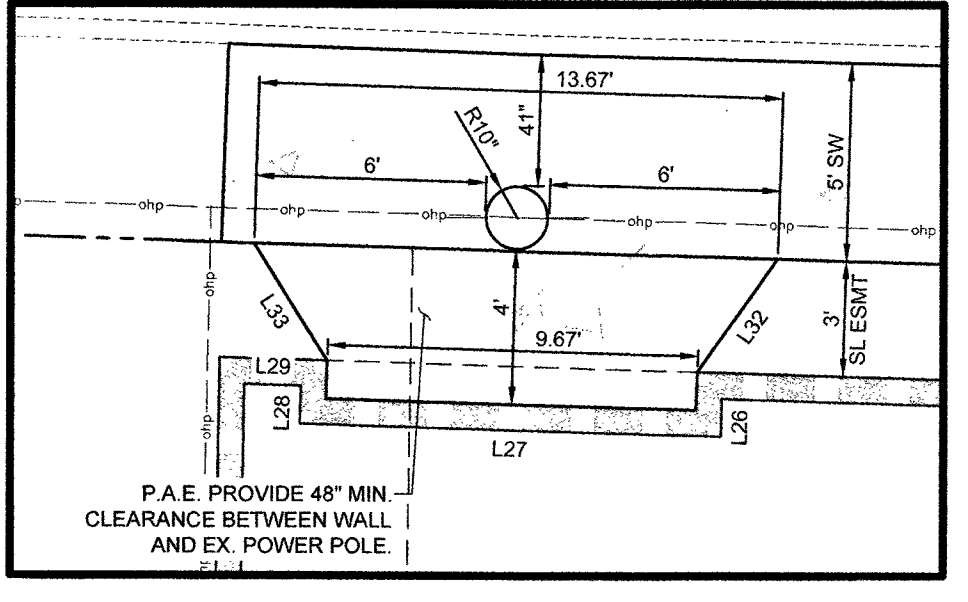


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A-1 EAST PUBLIC ACCESS EASEMENT DETAIL
SCALE: 1" = 5'



A-2 WEST PUBLIC ACCESS EASEMENT DETAIL
SCALE: 1" = 5'

LINE AND CURVE DATA TABLES

NOTE: ALL CURB DIMENSIONS ARE TO BACK OF CURB

Line Table			Curve Table			
Line #	Length	Direction	Curve #	Length	Radius	Delta
L1	33.86	S07° 05' 30"W	C1	26.48	21.33	071.11
L2	40.02	S01° 02' 34"W	C2	17.05	19.50	050.08
L3	3.01	S88° 57' 26"E	C3	35.91	40.50	050.80
L4	10.00	S88° 21' 05"E	C4	63.96	40.50	090.49
L5	27.68	S85° 40' 05"E	C5	61.71	40.50	087.30
L6	20.71	S88° 20' 57"E	C6	36.46	40.50	051.58
L7	84.35	N01° 04' 31"W	C7	17.05	19.50	050.08
L8	1.27	N01° 36' 51"E	C8	17.17	20.00	049.20
L9	136.48	N00° 51' 02"E	C9	16.75	20.00	047.98
L10	97.93	S87° 08' 58"E	C10	24.79	34.00	041.77
L11	145.91	N00° 51' 02"E	C11	26.15	34.00	044.07
L12	147.15	N88° 16' 49"W				
L13	87.41	N03° 20' 00"E				
L14	169.05	N88° 16' 49"W				
L15	70.25	S01° 02' 34"W				
L16	29.12	S05° 34' 03"E				
L17	92.57	S88° 21' 05"E				
L18	10.00	N88° 21' 05"W				
L19	93.39	N88° 21' 05"W				
L20	9.77	N42° 27' 09"E				
L21	10.31	N40° 22' 01"W				
L22	11.00	S88° 21' 19"E				
L23	1.27	S01° 36' 51"W				
L24	92.35	S88° 21' 05"E				
L25	136.17	S88° 21' 05"E				
L26	0.97	N01° 38' 55"E				
L27	11.00	S88° 21' 02"E				
L28	0.97	S01° 38' 55"W				
L29	1.47	S88° 21' 15"E				
L30	3.61	S32° 02' 29"E				
L31	3.61	N35° 20' 19"E				
L32	3.61	N35° 20' 19"E				
L33	3.61	S32° 02' 29"E				

SIGHT VISIBILITY ZONE
PER CCAUSD# 201.2 (TYP)

RECORDED DOCUMENT DATA:

- PER PARCEL MAP MSM-600048-18
- EX 15'x27' LVWD EASEMENT (20130821.01891)
- RELINQUISHED PER DOC # 20181018.01207

ENGINEER'S NOTES:

- CONTRACTOR IS RESPONSIBLE FOR EROSION AND DUST CONTROL, AND STORMWATER MANAGEMENT DURING CONSTRUCTION.
- SEE HORIZONTAL CONTROL PLAN FOR EXACT PROPERTY LINE DIMENSIONS.
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PROJECT NO.: 14376-LVR
DATE: AUG. 28, 2018
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TOTAL 275 CY (FILL)
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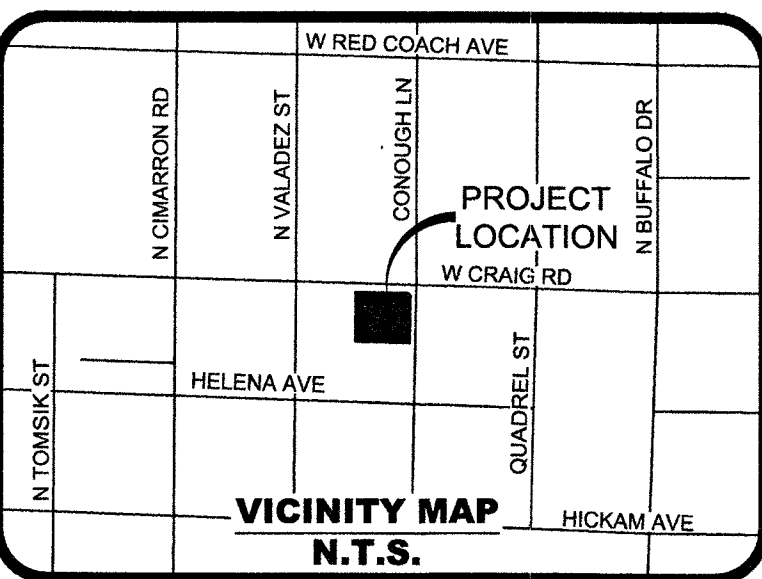
L19-00084
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307V1210

BASIS OF BEARING

SOUTH 89°01'15" EAST BEING THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 20, TOWNSHIP 22 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP OF WINERIDGE VILLAGE - PHASE 1 ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 123, PAGE 06 OF PLATS.

FLOOD ZONE:

THIS SITE IS LOCATED IN A ZONE "X". AREAS OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN, PER THE FLOOD INSURANCE RATE MAP COMMUNITY PANELS 32003C2315 F CLARK COUNTY, NEVADA DATED NOVEMBER 16, 2011.



BENCHMARK

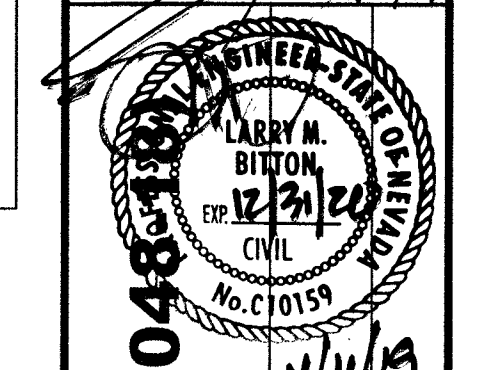
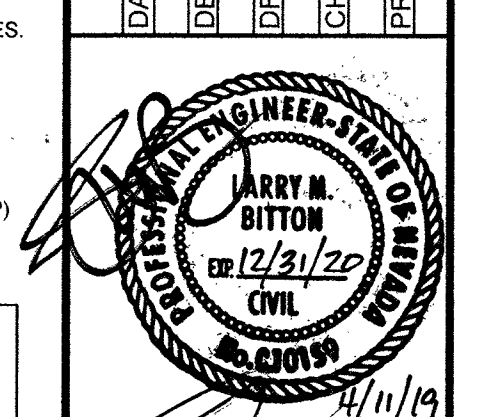
CLARK COUNTY BENCHMARK 4C20 17SEE8
RIVET AND SQUARE ALUMINUM PLATE IN CONCRETE BASE OF A TELEPHONE PULL BOX ON THE WEST SIDE OF DURANGO DRIVE AND 350' NORTH OF FORD AVE
ELEVATION 837.256 METERS (NAVD88 DATUM)
2746.90 FEET
PER CLARK COUNTY VERTICAL CONTROL BENCHMARK BOOK REVISED 2003

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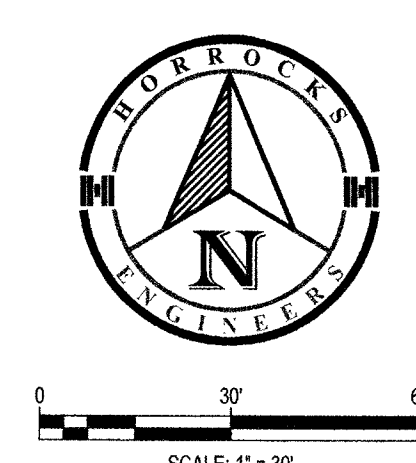
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FAST
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UnderGround
1-702-432-5300

REVISIONS	REV #	DATE	DESIGNED	MDP	DRAWN	PMP	CHECKED	LMB	PROJECT
	1	04/11/2019							NV-1152-1804



SWC CRAIG & CONOUGH (MSM-600048)
CLARK COUNTY, NV
GRADING PLAN
APN# 138-04-702-003



GRADING NOTES:

- CONSTRUCT "R" TYPE CURB PER CCAUSD #217.3.51
- CONSTRUCT 2.5" AC PAVEMENT OVER 4.5" TYPE II AGG BASE. REFERENCE GEOTECHNICAL REPORT BY GEOTEK, PROJECT# 14376-LVR, DATED AUGUST 28, 2018
- CONSTRUCT CONCRETE DRAINAGE FLUME PER DETAIL E ON SHEET C.6.0
- CONSTRUCT 16'X48" BLOCK WALL OPENING PER DETAIL G ON SHEET C.6.0
- EXISTING TO REMAIN. PROTECT IN PLACE.
- CONSTRUCT CURB TRANSITION PER DETAIL K ON SHEET C.6.0
- CONTRACTOR TO VERIFY LOCATION OF EXISTING POWER POLE & GUY WIRES PRIOR TO CONSTRUCTION AND PROVIDE 1' MIN. CLEARANCE BETWEEN SCREEN WALL AND POWER POLE/GUY WIRES.
- SEE SHEET C.1.0 FOR DOCUMENT DATA
- CONSTRUCT "L" TYPE CURB PER CCAUSD #216
- CONSTRUCT SIDEWALK RAMP "CASE 1" PER CCAUSD #235
- CONSTRUCT CONCRETE SIDEWALK PER CCAUSD #234
- SAWCUT, TRENCH, BACKFILL, AND ASPHALT PATCH PER CCAUSD 500.3, 500.4, 500.5 & 503 (PATCH DIMENSIONS TO BE DETERMINED IN THE FIELD)

NOTE:
ADD 2300' TO GRADING ELEVATIONS SHOWN HEREON TO ADJUST THEM TO THE ASSOCIATED DATUM.
FINISHED GRADE CONTOURS ARE APPROXIMATE. REFER TO SPOT ELEVATION GRADE TAGS FOR CONSTRUCTION STAKING PURPOSES.

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ADD 2300' TO GRADING ELEVATIONS SHOWN HEREON TO ADJUST THEM TO THE ASSOCIATED DATUM.
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SIGHT VISIBILITY ZONE PER CCAUSD# 201.2 (TYP)

SITE VISIBILITY ZONE NOTE:

NO WALLS, FENCES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICES, FIRE HYDRANTS, TREES, AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24 INCHES IN HEIGHT, MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTS, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL, OR PAVEMENT STREET SURFACE. THIS RESTRICTION EXTENDS ALONG THE SIGHT VISIBILITY LINE THROUGH LANDSCAPED MEDIANS.

STORMWATER MANAGEMENT NOTES

- THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
- ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN CLARK COUNTY TITLE 24.40 AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
- TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY, REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR 100000, SECTION III.A.5.
- AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER A RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR 100000, SECTION III.A.12.
- ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

ENGINEER'S NOTES:

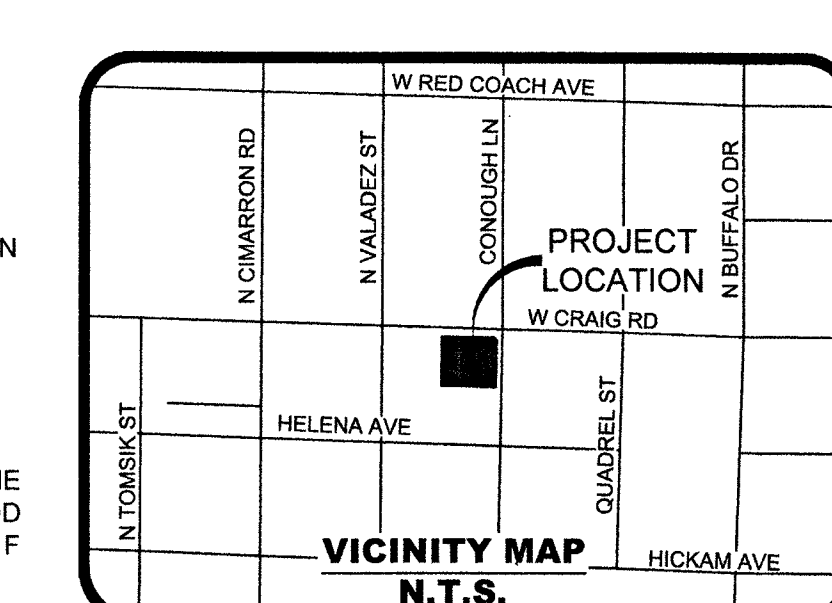
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PROJECT NO.: 14376-LVR
DATE: AUG. 28, 2018
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NET CUT: 2320 CY
NET FILL: 2595 CY
TOTAL: 275 CY (FILL)
- FLOOR SECTION ASSUMES 5" SLAB OVER MIN. 6" TYPE II. CONTRACTOR TO VERIFY WITH STRUCTURAL PLANS AND GEOTECHNICAL ENGINEER.

CLARK COUNTY 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 THERE PROPER BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

DRAINAGE CERTIFICATION:

THIS SET OF IMPROVEMENT PLANS IS CERTIFIED TO CONFORM TO THE REQUIREMENTS OF THE APPROVED DRAINAGE STUDY. #PW18-1855
LARRY BITTON, P.E. NO. 010159
DATE _____



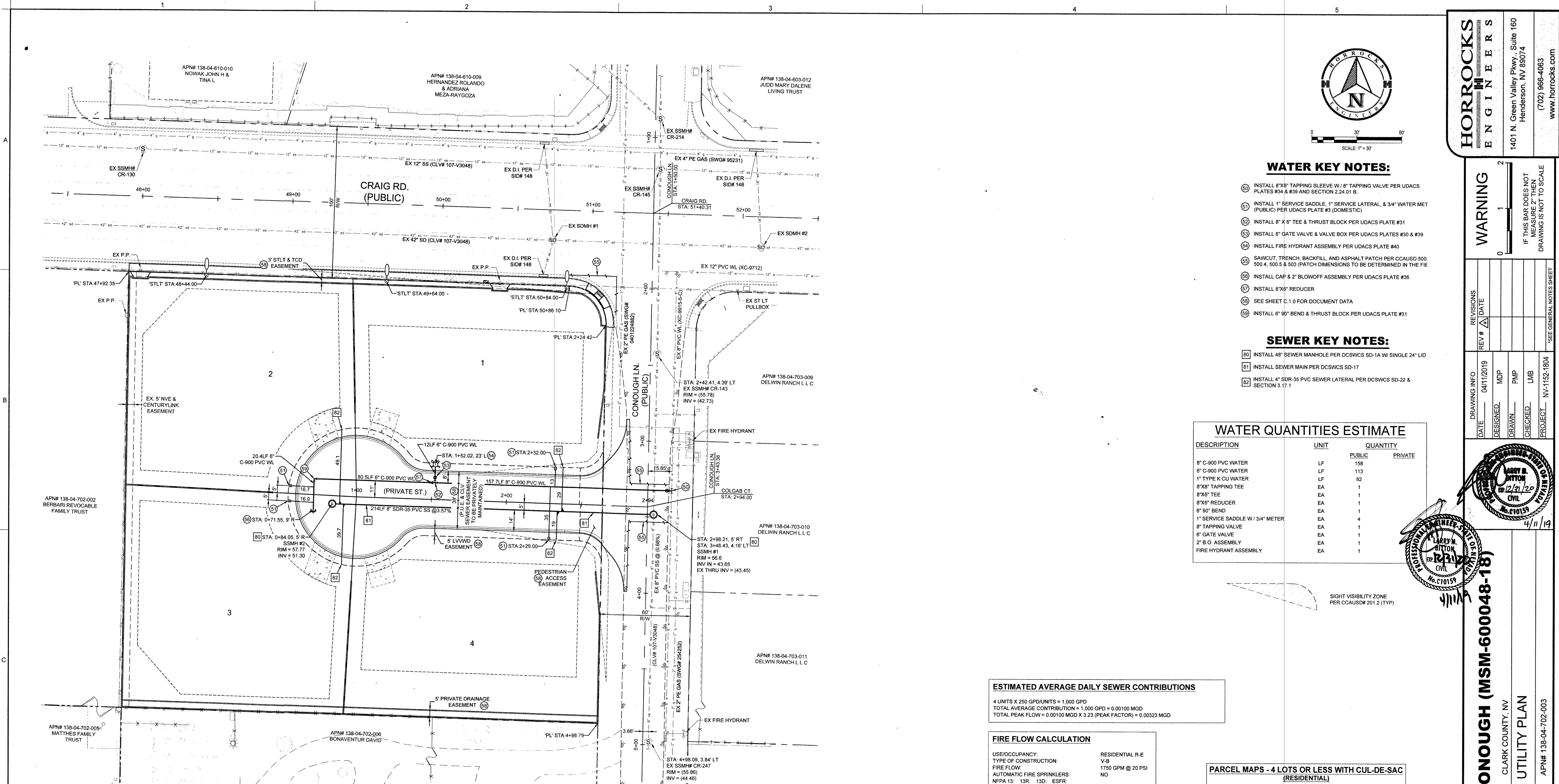
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BENCHMARK
CLARK COUNTY BENCHMARK 4C20 17SEE6
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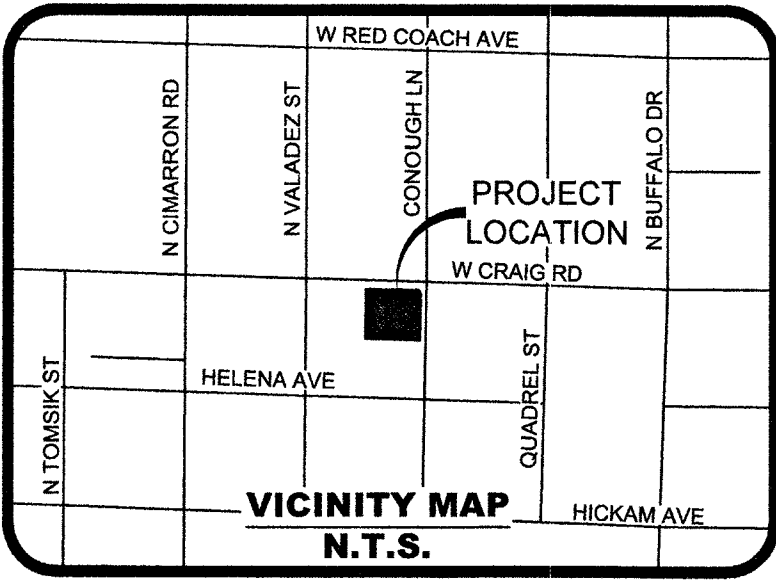
NOTE: ALL LOCATIONS OF UTILITIES ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY CONFLICTS.

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BENCHMARK

CLARK COUNTY BENCHMARK 4C20 17SEE6

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ELEVATION 837.256 METERS (NAVD88 DATUM)
2746.90 FEET

PER CLARK COUNTY VERTICAL CONTROL BENCHMARK BOOK REVISED 2003

ESTIMATED AVERAGE DAILY SEWER CONTRIBUTIONS

4 UNITS X 250 GPD/UNIT = 1,000 GPD
TOTAL AVERAGE CONTRIBUTION = 1,000 GPD = 0.00100 MGD
TOTAL PEAK FLOW = 0.00100 MGD X 3.23 (PEAK FACTOR) = 0.00323 MGD

FIRE FLOW CALCULATION

USE/OCCUPANCY: RESIDENTIAL R-E
TYPE OF CONSTRUCTION: V-B
FIRE FLOW: 1750 GPM @ 20 PSI
AUTOMATIC FIRE SPRINKLERS: NO
NFPA 13: 13R: 13D: ESR:
SQUARE FOOTAGE: ≤ 3,643 SF
LARGEST AREA BETWEEN 4 HOUR WALLS: N/A
BUILDING HEIGHT: < 35
OF STORIES INCLUDING BASEMENT: 2
HIGH PILED COMBUSTIBLE STORAGE: NO
OF HYDRANTS INSTALLED: 1

PARCEL MAPS - 4 LOTS OR LESS WITH CUL-DE-SAC (RESIDENTIAL)

INCLUDES A NON-EXCLUSIVE EASEMENT OVER THE ENTIRE PERIMETER OF THE PRIVATE DRIVE AND AN ADDITIONAL FIVE (5) FOOT ADJACENT TO THE PRIVATE DRIVE.

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WATER KEY NOTES:

- INSTALL 8"X8" TAPPING SLEEVE W/ 8" TAPPING VALVE PER UDACS PLATES #34 & #39 AND SECTION 2.24.01 B.
- INSTALL 1" SERVICE SADDLE, 1" SERVICE LATERAL, & 3/4" WATER MET (PUBLIC) PER UDACS PLATE #3 (DOMESTIC)
- INSTALL 8" X 6" TEE & THRUST BLOCK PER UDACS PLATE #31
- INSTALL 6" GATE VALVE & VALVE BOX PER UDACS PLATES #30 & #39
- INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE #40
- SAWCUT, TRENCH, BACKFILL, AND ASPHALT PATCH PER CCAUSD 500 500.4, 500.5 & 503 (PATCH DIMENSIONS TO BE DETERMINED IN THE FIELD)
- INSTALL CAP & 2" BLOWOFF ASSEMBLY PER UDACS PLATE #36
- INSTALL 8"X6" REDUCER
- SEE SHEET C.1.0 FOR DOCUMENT DATA
- INSTALL 6" 90° BEND & THRUST BLOCK PER UDACS PLATE #31

SEWER KEY NOTES:

- INSTALL 48" SEWER MANHOLE PER DCSWCS SD-1A W/ SINGLE 24" LID
- INSTALL SEWER MAIN PER DCSWCS SD-17
- INSTALL 4" SDR-35 PVC SEWER LATERAL PER DCSWCS SD-22 & SECTION 3.17.1

WATER QUANTITIES ESTIMATE

DESCRIPTION	UNIT	QUANTITY	
		PUBLIC	PRIVATE
8" C-900 PVC WATER	LF	158	
6" C-900 PVC WATER	LF	113	
1" TYPE K CU WATER	LF	82	
8"X8" TAPPING TEE	EA	1	
8"X6" TEE	EA	1	
8"X6" REDUCER	EA	1	
6" 90° BEND	EA	1	
1" SERVICE SADDLE W/ 3/4" METER	EA	4	
8" TAPPING VALVE	EA	1	
6" GATE VALVE	EA	1	
2" B.O. ASSEMBLY	EA	1	
FIRE HYDRANT ASSEMBLY	EA	1	

SIGHT VISIBILITY ZONE
PER CCAUSD# 201.2 (TYP)

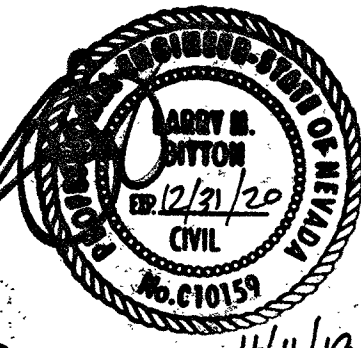
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	REV #	DATE						
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PROJECT								NV-1152-1804



SWC CRAIG & CONOUGH (MSM-600048-18)
CLARK COUNTY, NV
UTILITY PLAN

APN# 138-04-702-003

PROJ# 135217A QS-138-04-SE



C.3.0

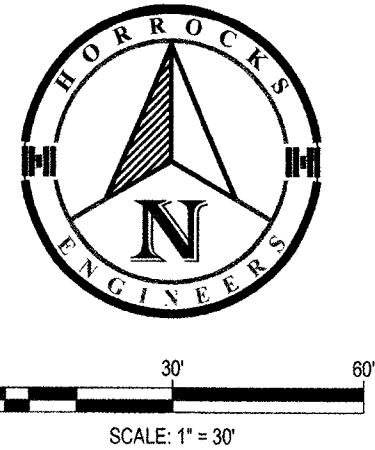
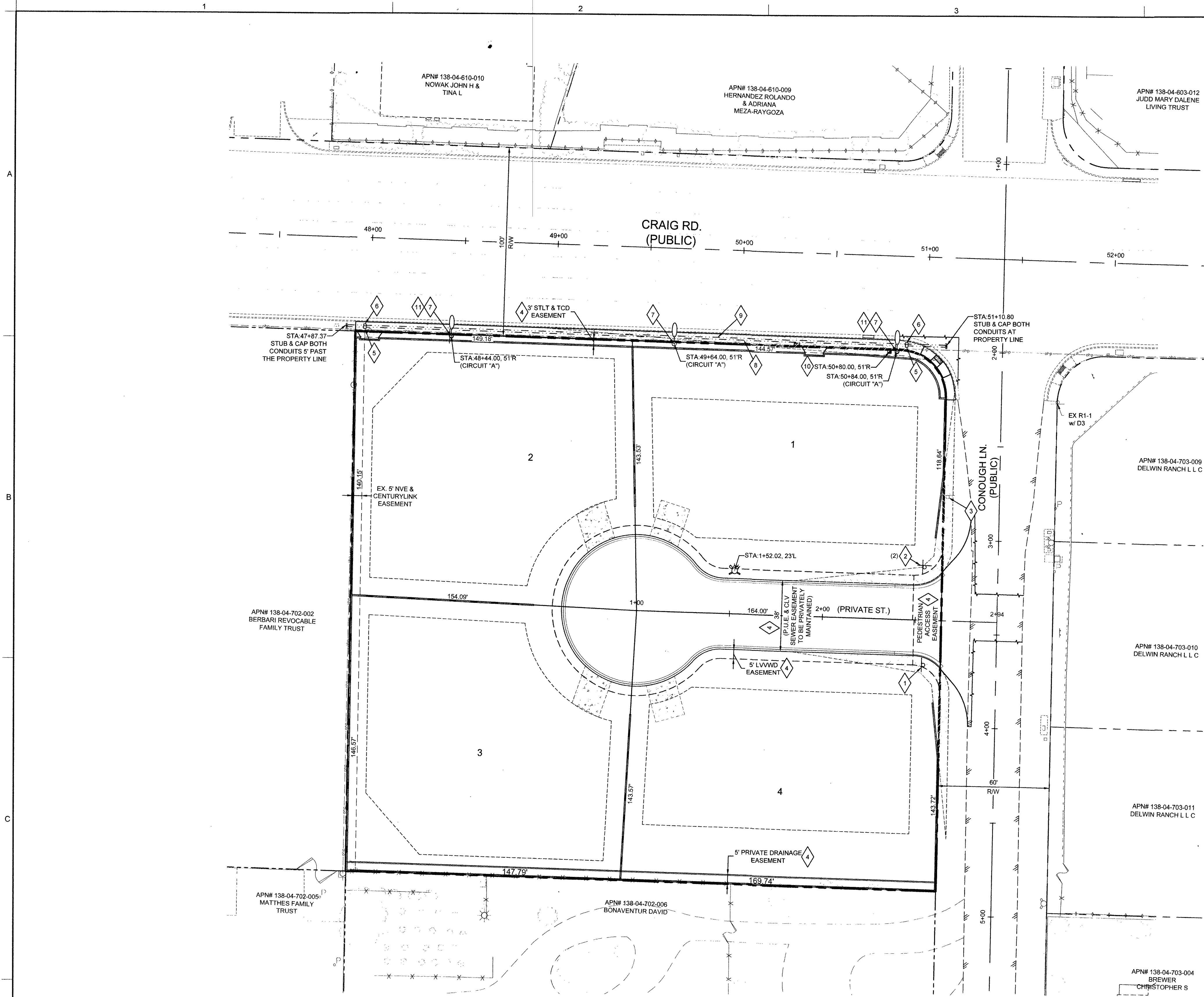
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PAGE 06

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Call 1-702-227-2929

FAST
Call before you dig
Call 1-702-432-5300



STREETLIGHT & SIGNAGE KEY NOTES:

- 1. INSTALL 30" R1-1 "STOP" SIGN (TO BE PRIVATELY MAINTAINED)
- 2. INSTALL 9" D3-1 STREET NAME SIGNS PER CCAUSD #250
- 3. EXISTING R2-1 (25MPH) SPEED LIMIT SIGN TO REMAIN. PROTECT IN PLACE
- 4. SEE SHEET C-1.0 FOR DOCUMENT DATA
- 5. INSTALL #3-1/2 PULLBOX PER CCAUSD #s 326 & 327
- 6. INSTALL P30 PULLBOX PER CCAUSD # 781
- 7. INSTALL 30 FT. 100' R/W LED STREETLIGHT AND FOUNDATION PER QPL AND CCAUSD #s 300 S3, 314, 320, & 321
- 8. INSTALL 1-1/4" STREETLIGHT CONDUIT
- 9. INSTALL 4" F.A.S.T. CONDUIT
- 10. INSTALL 200 AMP STREETLIGHT SERVICE POINT PER CCAUSD #s 730, 331, 332 S2, & 335 S2
- 11. INSTALL 18"x24" R7-1A "NO PARKING ANYTIME" SIGN

SIGN LEGEND

STREETLIGHT CIRCUIT CAPACITY VERIFICATION FOR CIRCUIT "A"			
IS THERE AN EXISTING SERVICE PEDESTAL IN THE FIELD (NOT PROPOSED) ADJACENT TO THIS PROPERTY THAT MIGHT BE ABLE TO BE USED TO POWER THIS PROJECT'S STREETLIGHTS? (CIRCLE)		YES	CONTACT CLARK COUNTY TRAFFIC OPERATIONS AT (702) 455-6000 TO PERFORM CIRCUIT CAPACITY VERIFICATION.
		NO	INSTALL NEW SERVICE PEDESTAL.
SERVICE PEDESTAL LOCATION: STA: 50+80.00 ON CRAIG RD.			
CLARK COUNTY (COMPLETE IF EXISTING SERVICE):			
DATE OF CAPACITY VERIFICATION:		-	
PERSON WHO DID VERIFICATION:		-	
ENGINEER OF THE OFFSITE PLANS:			
PERSON WHO DID THE CALCULATIONS:		PHILIP PEDERSON	
CONSULTING ENGINEERING FIRM:		HORROCKS ENGINEERS	
CAPACITY CALCULATIONS			
1	CIRCUIT CAPACITY "A"	60.0	AMPS
2	MAXIMUM CONTINUOUS CURRENT DRAW (80%)	48.0	AMPS
3	EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	0.0	AMPS
4	AVAILABLE (2 MINUS 3)	48.0	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT			
5	0	NUMBER OF LED STLT'S FOR 60' OR LESS R/W PER QPL @ 1.0 AMPS/EA	0.0 AMPS
6	3	NUMBER OF LED STLT'S FOR 80' - 100' (+) R/W PER QPL @ 1.5 AMPS/EA	4.5 AMPS
7		TOTAL PROPOSED ADDITIONAL LOAD (5 + 6)	4.5 AMPS
		REMAINING AVAILABLE LEAD (4 MINUS 7)	43.5 AMPS

CLARK COUNTY PUBLIC WORKS DEVELOPMENT REVIEW

ACCEPTANCE OF PLANS FOR FILING

BY: _____

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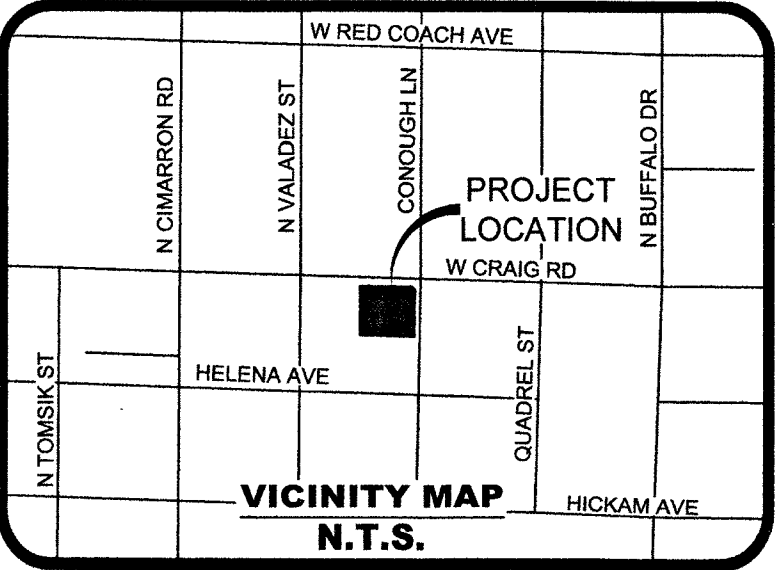
NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN THERE PROPER BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

BASIS OF BEARING

SOUTH 89°01'15" EAST BEING THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 20, TOWNSHIP 22 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP OF WINERIDGE VILLAGE - PHASE 1 ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 123, PAGE 06 OF PLATS.

FLOOD ZONE:

THIS SITE IS LOCATED IN A ZONE "X". AREAS OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN. PER THE FLOOD INSURANCE RATE MAP COMMUNITY PANELS 32003C2315 F CLARK COUNTY, NEVADA DATED NOVEMBER 16, 2011.



BENCHMARK

CLARK COUNTY BENCHMARK 4C20 17SEE6

RIVET AND SQUARE ALUMINUM PLATE IN CONCRETE BASE OF A TELEPHONE PULL BOX ON THE WEST SIDE OF DURANGO DRIVE AND 350' NORTH OF FORD AVE

ELEVATION 837.256 METERS (NAVD88 DATUM) 2746.90 FEET

PER CLARK COUNTY VERTICAL CONTROL BENCHMARK BOOK REVISED 2003

ENGINEER'S NOTES:

- 1. CONTRACTOR IS RESPONSIBLE FOR EROSION AND DUST CONTROL, AND STORMWATER MANAGEMENT DURING CONSTRUCTION.
- 2. SEE HORIZONTAL CONTROL PLAN FOR EXACT PROPERTY LINE DIMENSIONS.
- 3. ENGINEER TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THESE PLANS AND FIELD CONDITIONS.
- 4. THESE PLANS SHALL NOT IN PART, OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY GOVERNING AGENCIES.
- 5. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS. DURING CONSTRUCTION, SURVEYORS AND CONTRACTORS MUST VERIFY THAT ALL STREETS AND LOTS HAVE POSITIVE DRAINAGE. SAME MUST UTILIZE AT LEAST THREE GRADES ON VERTICAL TANGENTS TO VERIFY SLOPES.
- 6. SOILS REPORT NOTE: GRADING SHALL BE IN ACCORDANCE WITH SOILS REPORT UPDATE PREPARED BY: GEOTEK RESIDENTIAL, LLC. PROJECT NO.: 14376-LVR. DATE: AUG 28, 2018.
- 7. CUTOFF ESTIMATES (PUBLIC AND PRIVATE): FROM EXISTING TO FINISH GRADE ELEVATIONS. NET CUT: 2320 CY. NET FILL: 2595 CY. TOTAL: 275 CY (FILL).
- 8. FLOOR SECTION ASSUMES 5" SLAB OVER MIN. 6" TYPE II. CONTRACTOR TO VERIFY WITH STRUCTURAL PLANS AND GEOTECHNICAL ENGINEER.

HORROCKS ENGINEERS

1401 N. Green Valley Pkwy., Suite 160
Henderson, NV 89074
(702) 866-4063
www.horrock.com

WARNING

IF THIS BAR DOES NOT MEASURE 2" THEN DRAWING IS NOT TO SCALE

DRAWING INFO		REVISIONS	
DATE	04/11/2019	REV #	DATE
DESIGNED	MDP		
DRAWN	PMP		
CHECKED	LMB		
PROJECT	NV-1152-1804		
SEE GENERAL NOTES SHEET			



SWC CRAIG & CONOUGH (MSM-600048-18)

CLARK COUNTY, NV
STREET LIGHT & SIGNAGE PLAN

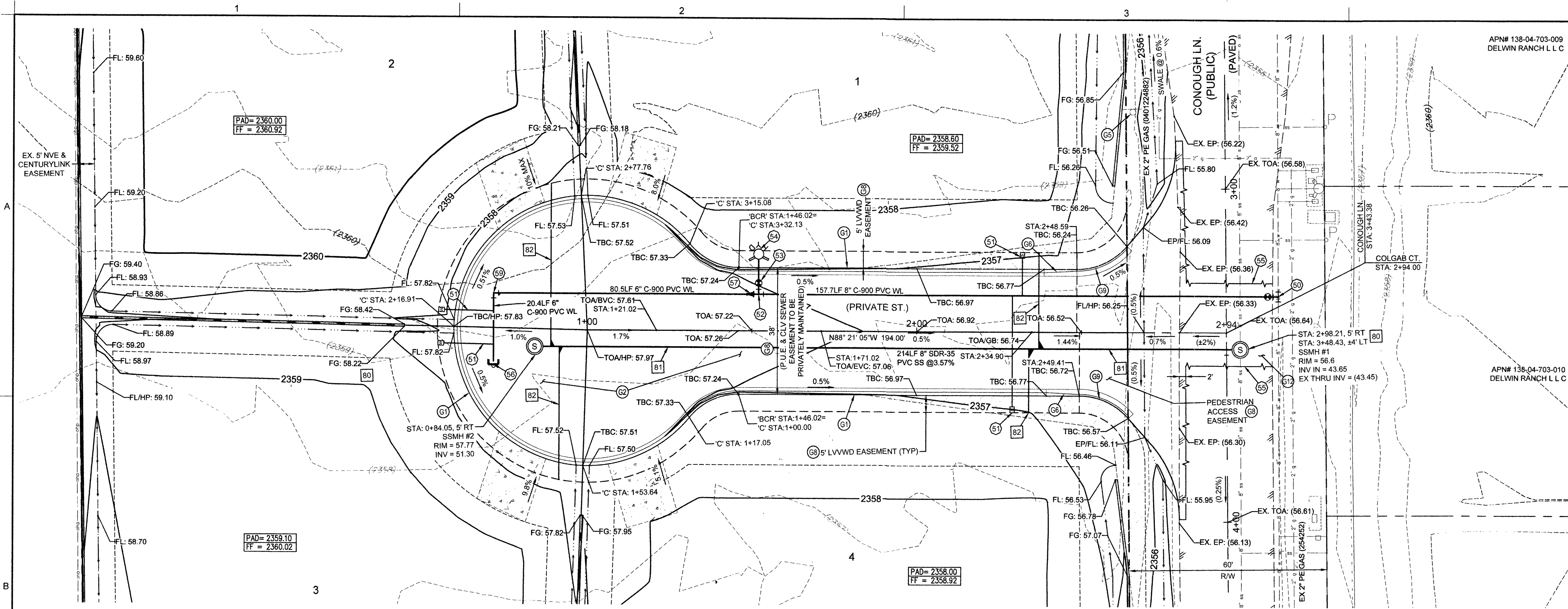
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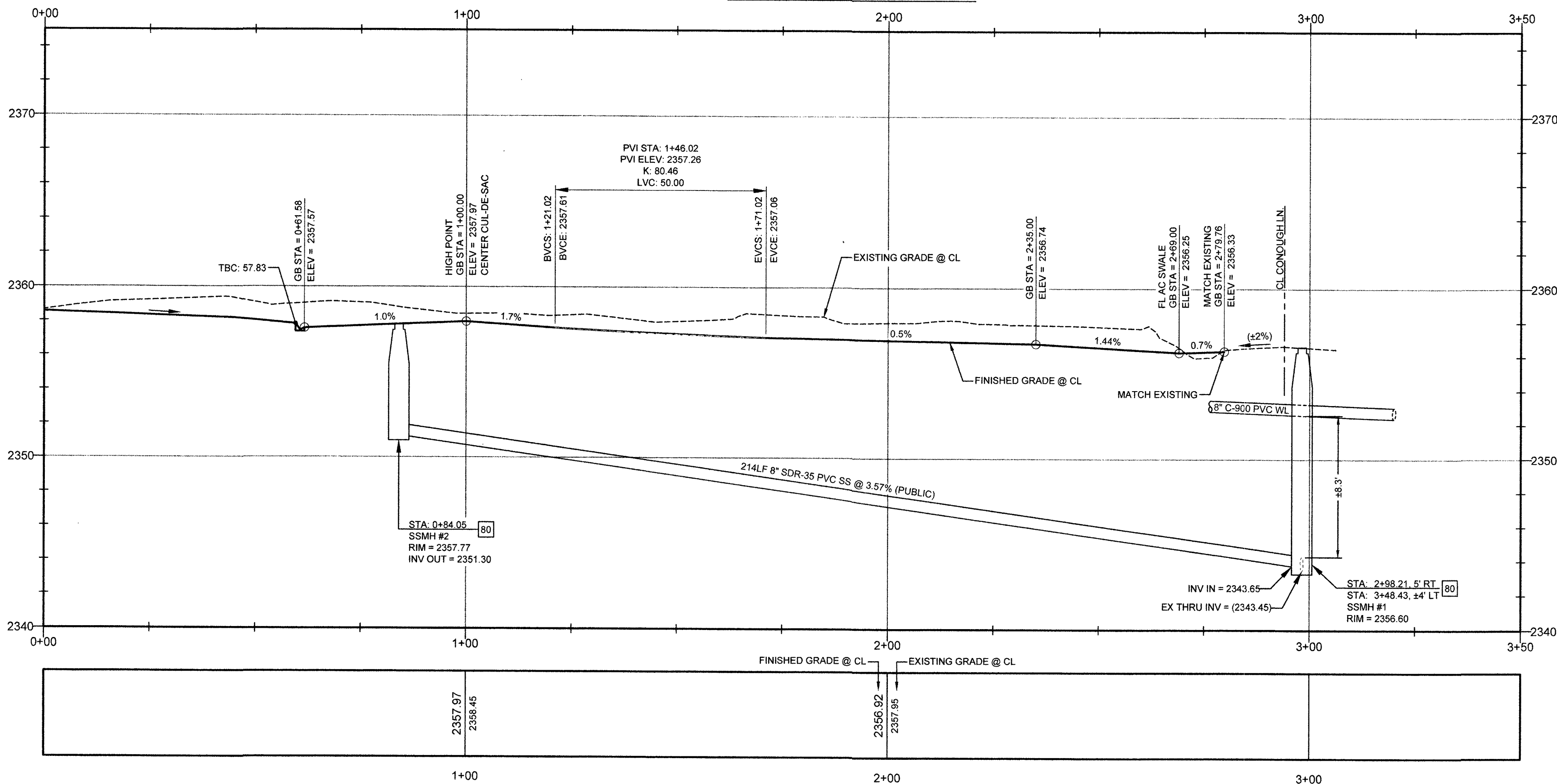
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PRIVATE ST. PLAN VIEW



PRIVATE ST. CENTERLINE PROFILE

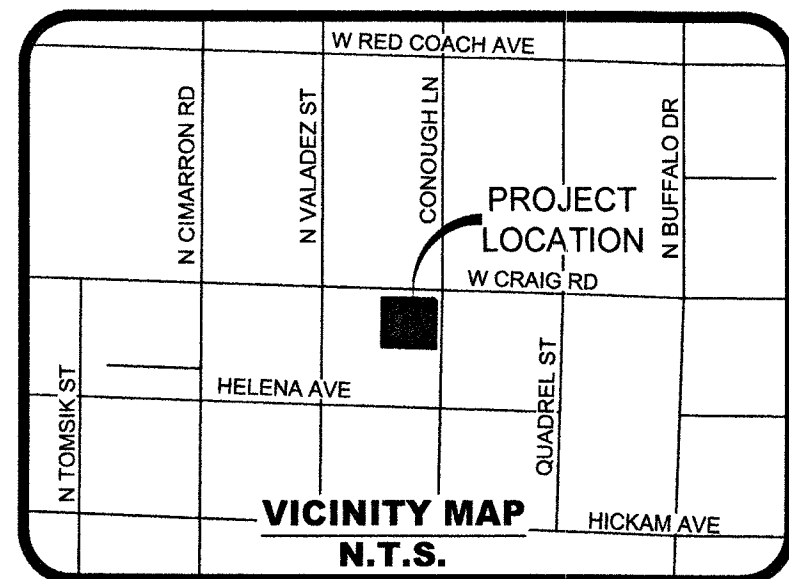
SCALE: 1" = 20' H
SCALE: 1" = 5' V

BASIS OF BEARING

SOUTH 89°01'15" EAST BEING THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 20, TOWNSHIP 22 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP OF WINNERIDGE VILLAGE - PHASE 1 ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 123, PAGE 06 OF PLATS.

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CLARK COUNTY PUBLIC WORKS DEVELOPMENT REVIEW

ACCEPTANCE OF PLANS FOR FILING

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NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN THERE PROPER BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

NOTE:
ADD 2300' TO GRADING ELEVATIONS SHOWN HEREON TO ADJUST THEM TO THE ASSOCIATED DATUM.
FINISHED GRADE CONTOURS ARE APPROXIMATE. REFER TO SPOT ELEVATION GRADE TAGS FOR CONSTRUCTION STAKING PURPOSES.

DEPTH OF COVER DURING CONSTRUCTION:
MAINTAIN MINIMUM TWENTY-FOUR (24) INCH COVER PER UDACS SECTION 2.08.04. GRADING MUST BE COMPLETED PRIOR TO WATERLINE INSTALLATION.

DRAINAGE CERTIFICATION:

THIS SET OF IMPROVEMENT PLANS IS CERTIFIED TO CONFORM TO THE REQUIREMENTS OF THE APPROVED DRAINAGE STUDY. #PWS-16665

LARRY BITTON, P.E. NO. 010159

DATE



WATER KEY NOTES:

20. INSTALL 8"X8" TAPPING SLEEVE W/ 8" TAPPING VALVE PER UDACS PLATES #34 & #39 AND SECTION 2.24.01 B.
21. INSTALL 1" SERVICE SADDLE, 1" SERVICE LATERAL, & 3/4" WATER MET (PUBLIC) PER UDACS PLATE #3 (DOMESTIC)
22. INSTALL 8" X 6" TEE & THRUST BLOCK PER UDACS PLATE #31
23. INSTALL 6" GATE VALVE & VALVE BOX PER UDACS PLATES #30 & #39
24. INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE #40
25. SAWCUT, TRENCH, BACKFILL, AND ASPHALT PATCH PER CCAUSD 500.1, 500.4, 500.5 & 503 (PATCH DIMENSIONS TO BE DETERMINED IN THE FIELD)
26. INSTALL CAP & 2" BLOWOFF ASSEMBLY PER UDACS PLATE #36
27. INSTALL 8"X8" REDUCER
28. SEE SHEET C.1.0 FOR DOCUMENT DATA
29. INSTALL 6" 90° BEND & THRUST BLOCK PER UDACS PLATE #31

SEWER KEY NOTES:

80. INSTALL 48" SEWER MANHOLE PER DCSWCS SD-1A W/ SINGLE 24" LID
81. INSTALL SEWER MAIN PER DCSWCS SD-17
82. INSTALL 4" SDR-35 PVC SEWER LATERAL PER DCSWCS SD-22 & SECTION 3.17.1

GRADING KEY NOTES:

31. CONSTRUCT "R" TYPE CURB PER CCAUSD #217.3.S1
32. CONSTRUCT 2.5" AC PAVEMENT OVER 4.5" TYPE II AGG BASE. REFERENCE GEOTECHNICAL REPORT BY GEOTEK, PROJECT# 14376-LVR, DATED AUGUST 28, 2018
33. CONSTRUCT CONCRETE DRAINAGE FLUME PER DETAIL E ON SHEET C.6.0
34. CONSTRUCT 16"X48" BLOCK WALL OPENING PER DETAIL G ON SHEET C.6.0
35. EXISTING TO REMAIN. PROTECT IN PLACE.
36. CONSTRUCT CURB TRANSITION PER DETAIL K ON SHEET C.6.0
37. CONTRACTOR TO VERIFY LOCATION OF EXISTING POWER POLE & GUY WIRES PRIOR TO CONSTRUCTION AND PROVIDE 1' MIN. CLEARANCE BETWEEN SCREEN WALL AND POWER POLE/GUY WIRES.
38. SEE SHEET C.1.0 FOR DOCUMENT DATA
39. CONSTRUCT "L" TYPE CURB PER CCAUSD #216
40. CONSTRUCT SIDEWALK RAMP "CASE 1" PER CCAUSD #235
41. CONSTRUCT CONCRETE SIDEWALK PER CCAUSD #234
42. SAWCUT, TRENCH, BACKFILL, AND ASPHALT PATCH PER CCAUSD 500.3, 500.4, 500.5 & 503 (PATCH DIMENSIONS TO BE DETERMINED IN THE FIELD)

APPROVED FOR CONSTRUCTION

Jamie Harsh
JAMIE HARSH
SOUTHWEST GAS CORPORATION
DATE: 4/11/19

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services
PROJECT NO. 135217 FIRST APPROVAL DATE: 4/18/19
LVVWD APPROVED FIRE FLOW 1750 GPM AT 20 PSI RESIDENTIAL
MAXIMUM AVAILABLE FIRE SPRINKLER FLOW N/A GPM

ENGINEER'S NOTES:

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PROJECT NO.: 14376-LVR
DATE: AUG. 28, 2018
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REVISIONS

REV #

DATE

DESIGNED

MDP

DRAWN

PMP

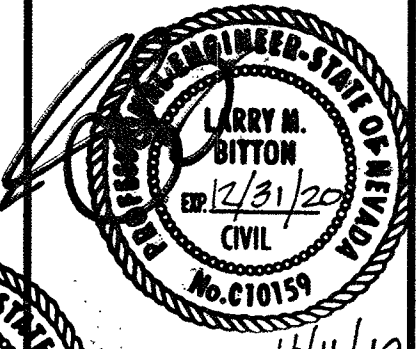
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LMB

PROJECT

NV-1152-1804

SEE GENERAL NOTES SHEET



SWC CRAIG & CONOUGH (MSM-600048-18)

CLARK COUNTY, NV
PRIVATE ST PLAN AND PROFILE

APN# 138-04-702-003

PROJ# 135217A QS-138-04-3E



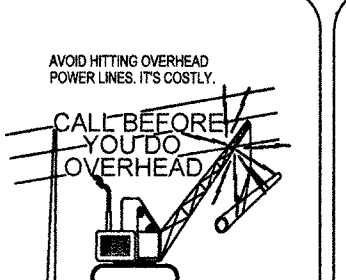
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