

DEPARTMENT OF PUBLIC WORKS

Mayor:
CAROLYN G. GOODMAN

City Council:
MICHELE FIORE (Mayor Pro-Tem)
STAVROS S. ANTHONY
CEDRIC CREAR
BRIAN KNUDSEN
VICTORIA SEAMAN
OLIVIA DIAZ

City Manager:
SCOTT D. ADAMS

Director of Public Works:
MIKE JANSSEN, P.E., P.T.O.E.

City Engineer:
ALLEN E. PAVELKA, P.E.



HUCKLEBERRY PARK ADDITION

APN # 126-13-701-015

Reviewed By:

[Signature] ROSA LOPEZ 8-14-19
CLV CITY ENGINEER DATE

[Signature] 8/13/19
CLV PROJECT MANAGER DATE

[Signature] 08/13/19
CLV PLANNING DEPARTMENT DATE

Matthew Pedraza 01 Aug 2019
SOUTHWEST GAS CORPORATION DATE

[Signature] 8-1-19
CENTRAL TELEPHONE COMPANY DATE

d/b/a CENTURYLINK

THE AFFIXED CENTURYLINK NEVADA APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION STANDARD REGULATIONS.

[Signature] CELINA LOPEZ 8/1/19
COX COMMUNICATIONS LAS VEGAS, INC. DATE

[Signature] Armando Romo 08/01/19
NV ENERGY - DISTRIBUTION DATE

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

APPROVED FOR CONSTRUCTION

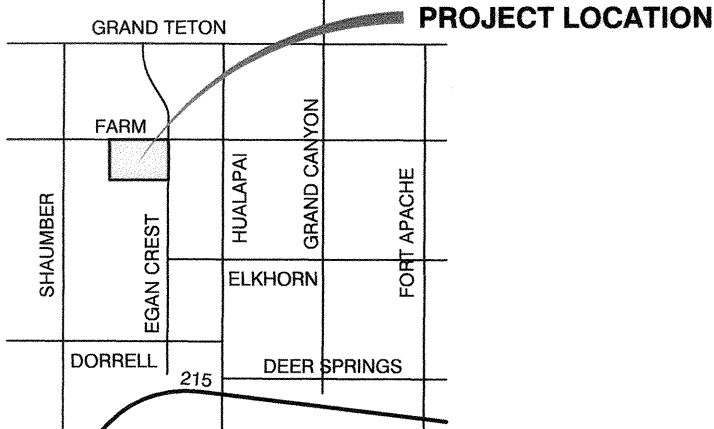
[Signature] 8/7/19
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136368 FIRST APPROVED DATE: 8/7/19
SHEETS: CV, GN-1, GN-2, CI-1, CI-2, CI-3, CI-4, CI-5, UT-1

THE SIGNATURE ABOVE ACKNOWLEDGES THAT THE UTILITY COMPANY REPRESENTATIVE HAS REVIEWED THE PLANS, AND THAT TO THE BEST OF HIS OR HER KNOWLEDGE THE UTILITY LINES ARE SHOWN IN THE CORRECT LOCATIONS AND ARE THE CORRECT SIZES. WHILE SUCH DATA HAS BEEN COLLECTED WITH REASONABLE CARE, THERE IS NO EXPRESSED OR IMPLIED GUARANTEE THAT THE LOCATIONS ARE EXACT. THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY OF OBTAINING THE ACTUAL FIELD LOCATIONS.

THE SIGNATURE ABOVE FURTHER ACKNOWLEDGES THAT THE UTILITY COMPANY DOES NOT ANTICIPATE CONSTRUCTION OR MAINTENANCE IN THE PROJECT AREA FOR FIVE (5) YEARS IN CONFORMANCE WITH THE CLV NO-CUT POLICY.

VICINITY MAP
NOT TO SCALE



REVISIONS	
NO.	DATE
SHEET	
DEPARTMENT OF PUBLIC WORKS	
CAPITAL PROJECT MANAGEMENT	
PREPARED BY	
PROFESSIONAL ENGINEER - STATE OF NEVADA	
RANDY M. MCCORMICK	
EXP. 12/31/2019	
CIVIL	
No. 016235	
7/24/19	
TITLE	
HUCKLEBERRY PARK ADDITION	
SHEET	
COVER SHEET	
PREPARED FOR	CITY OF LAS VEGAS
BID #	---
DATE	DEC. 17, 2018
DESIGNED BY	MS
DRAWN BY	HS
CHECKED BY	RMM
SUBMITTAL STAGE	100% FINAL
SHEET	
CV	
1	OF 16
DRAWING NO.	
650.108-2	
PROJ. # 136368A QS-126-13-SE	

L19-00551

ABBREVIATIONS

- | | | | |
|-----------------|-----------------------------|--------------|----------------------------|
| | AT | LF | LINEAL FOOT, LINEAR FEET |
| AB | ABANDONED | LT | LEFT |
| AC | ASPHALTIC CONCRETE | LVVWD | LAS VEGAS VALLEY WATER |
| ACP | ASBESTOS CEMENT PIPE | DISTRICT | |
| AE | AUTHORIZATION TO ENTER | MLP | MANHOLE |
| PROPERTY APPROX | APPROXIMATE | MCH | MULTI-LAYER COMPOSITE PIPE |
| AVAR | AIR VALVE ASSEMBLY | MTR | METER |
| AVC, BC | BACK OF CURB | NDOT | NEVADA DEPT OF |
| BCR | BACK OF CURB RADIUS | | TRANSPORTATION |
| BM | BENCHMARK | NTS | NOT TO SCALE |
| BT | BOTTOM | NVE | NV ENERGY |
| BR | BACK OF RAMP | OHP | OVERHEAD POWER LINE |
| & G | CURB AND GUTTER | OHU | OVERHEAD UTILITIES |
| CA | CALCULATED | PB | PULL BOX |
| CALCD | CABLE TELEVISION | PC | POINT OF CURVATURE |
| CC, TV | CLARK COUNTY | P.I.P. | PROTECT IN PLACE |
| CCPW | CLARK COUNTY PUBLIC WORKS | PP | POWER POLE |
| PIPP | CURED-IN-PLACE PIPE | PRC | POINT OF REVERSE CURVE |
| CL | CENTERLINE | PT | POINT OF TANGENCY |
| LSM | CONTROLLED LOW STRENGTH | PI | PROPERTY LINE |
| MATERIAL | | RT RADIUS | RIGHT-OF-WAY |
| LV | CITY OF LAS VEGAS | R/W, R.O.W. | RIGHT OF WAY |
| CMP | CORRUGATED METAL PIPE | SCCP | STEEL CYLINDER CONCRETE |
| CONC | CONCRETE | PIPE | |
| CND | CONDUCTOR | SD | STORM DRAIN |
| CND | CAPITAL PROJECT | SF | SQUARE FOOT |
| MANAGEMENT | | SP | SPECIAL PROVISIONS |
| DIA | DIAMETER | SS | SANITARY SEWER |
| DCSWCS | DESIGN & CONSTRUCTION STDs | STA | STATION |
| OR | WASTEWATER COLLECTION | STD | STANDARD |
| SYSTEMS | | STL | STREET LIGHT |
| IG | DECOMPOSED GRANITE | SV | SPRINKLER VALVE |
| DIP | DUCTILE IRON PIPE | S/W | SIDEWALK |
| D/W | DRAINWAY | SWG | SOUTHWEST GAS |
| DWG | DRAWING | SY | SQUARE YARD |
| ECR | END OF CURB RETURN (AT B/C) | T, TEL | TELEPHONE |
| ELEC, E | ELECTRIC | TC | TOP OF CURB |
| ELEV | ELEVATION | TCE | TEMP. CONSTRUCTION |
| COP, EP | EDGE OF PAVEMENT | EASEMENT | |
| EXIST | EXISTING | TEMP | TEMPORARY |
| FAST | FREEWAY & ARTERIAL SYSTEM | TRANS. | TRANSITION |
| OF | TRANSPORTATION | TRC | TOP OF RAMP CURB |
| INTERCONNECT) | | TS | TRAFFIC SIGNAL |
| C | FACE OF CURB | TYP. | TYPICAL |
| D | FOUND | UDACS | UNIFORM DESIGN & |
| G | FINISHED GRADE | CONSTRUCTION | STDs FOR POTABLE |
| HYD, HYD | FIRE HYDRANT | WATER | DISTRIBUTION SYSTEM |
| FT, FEET | | USD | UNIFORM STANDARD DRAWING |
| 3 | GAS | USS | UNIFORM STD SPECIFICATION |
| GM | GAS METER | W | WATER LINE |
| GV | GAS VALVE | WC | WHEEL CHAIR |
| GW | GUY WIRE | WM | WATER METER |
| IP | HIGH PRESSURE | WV | WATER VALVE |
| IR | INTERSECTION | WH | WHEEL |
| IRR | IRRIGATION | Δ | INCLUDED DELTA ANGLE |
| | LENGTH | | |

1. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
3. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
4. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
5. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
6. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
7. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
8. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, SUCH ITEM SHALL BE PROVIDED, AS DIRECTED BY THE CITY ENGINEER, AT NO EXPENSE TO THE CITY OF LAS VEGAS. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

REVISÉ JULY 23, 2015 (CPM VERSION)

CITY OF LAS VEGAS TRAFFIC NOTES

- REVISÉ JUNE 4, 2018

1	CV	COVER SHEET
2	GN-1	GENERAL NOTES, SHEET INDEX LEGEND AND VICINITY MAP
3	GN-2	GENERAL NOTES
4	HC-1	HORIZONTAL CONTROL PLAN - OVERALL
5	HC-2	HORIZONTAL CONTROL PLAN 1
6	HC-3	HORIZONTAL CONTROL PLAN 2
7	HC-4	HORIZONTAL CONTROL PLAN 3
8	HC-5	HORIZONTAL CONTROL PLAN 4
9	CI-1	CONSTRUCTION PLAN - OVERALL
10	CI-2	CONSTRUCTION PLAN 1
11	CI-3	CONSTRUCTION PLAN 2
12	CI-4	CONSTRUCTION PLAN 3
13	CI-5	CONSTRUCTION PLAN 4
14	UT-1	UTILITY PLAN
15	DT-1	DETAIL SHEET 1
16	DT-2	DETAIL SHEET 2

REVISÉ JUNE 4, 2018

	CENTERLINE		LIMITS OF DEMO/REMOVAL
	EDGE OF PAVEMENT		ASPHALT
	FLOWLINE		CONCRETE
	BACK OF CURB		LANDSCAPING
	SIDEWALK		ADA RAMP
	RIGHT OF WAY LINE		EXISTING BUILDING
	PROPERTY LINE		AUTHORIZATION TO ENTER PROPERTY (AEP)
	PATCH / SAWCUT LINE		
	GRADE BREAK		
	PIPE < 12"		
	PIPE > OR = 12"		
	CONDUIT		
	CONTOUR - MAJOR		
	CONTOUR - MINOR		

	ANTENNA / TOWER		SHRUB
	AREA LIGHT		SIDEWALK RAMP
	BENCHMARK		SIGN
	BLOW OFF		STREET LIGHT
	BUS SHELTER		STORM DRAIN INLET
	CABINET		SURVEY MONUMENT
	FIRE HYDRANT		TRAFFIC PED. SIGNAL
	HC PARKING SYMBOL		TRAFFIC SIGNAL POLE
	IRR. CONTROLLER		TREE
	LOOP DETECTOR		UTILITY POLE
	MANHOLE		UTILITY POLE GUY WIRE
	METER (BOX)		VALVE
	METER (PEDISTAL)		VAULT
	PALM TREE		WHEEL STOP
	PULLBOX		

EA	EDUCATION AVENUE
EC	EGAN CREST DRIVE
FR	FARM ROAD

NONE

NOT TO SCALE

A detailed street map of Las Vegas, NV, showing major highways, city streets, and neighborhood names. The map includes a north arrow in the top left corner. Key features include:

- Major Highways:** I-15, I-215, SR-159, and SR-63.
- Neighborhoods:** Henderson, North Las Vegas, Summerlin, and the Strip.
- Landmarks:** The Strip, Lake Mead, and the Grand Teton Farm.
- Labels:** "LAS VEGAS, NV" and "LAS VEGAS".

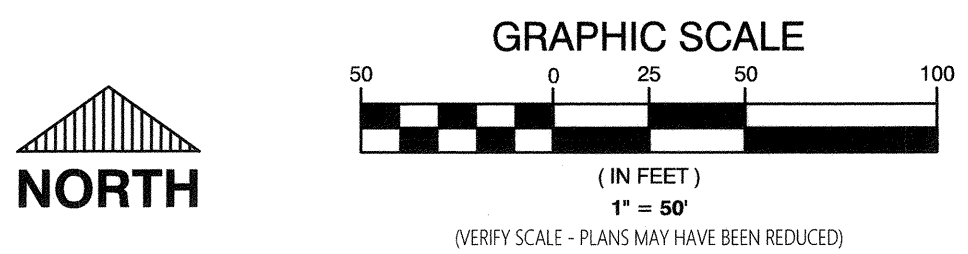
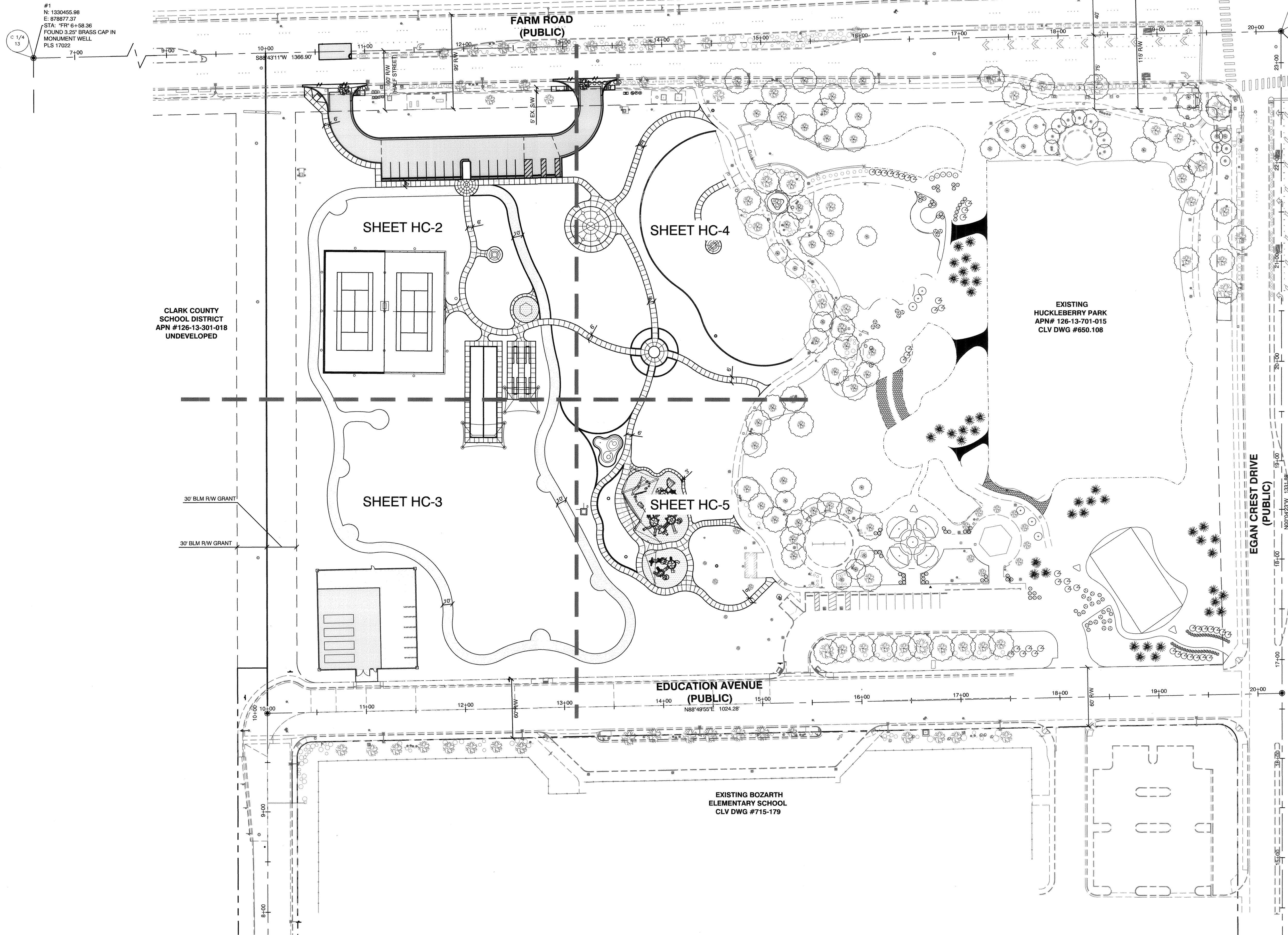
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

APPROVED FOR CONSTRUCTION

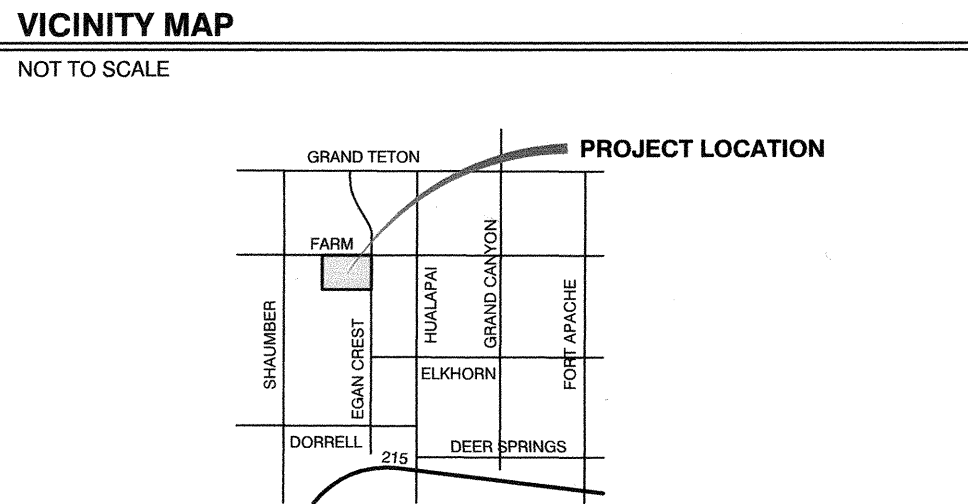
Name Nan Pardo Date 8/7/19
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136368 FIRST APPROVED DATE: - 8/7/19
 LVVWD APPROVED FIRE FLOW _____ GPM AT 20 PSI RESIDUAL _____

619-00551

7/24/19 W:\PW\GRID PROJECTS\ENG\DESIGN\HHS\HHS17\7 PRODUCTION\HHS17A-KC.DWG



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929



BENCHMARK
CITY OF LAS VEGAS BENCHMARK 6LV9913C4
DESCRIPTION: RIVET AND ROUND ALUMINUM PLATE IN THE TOP OF CURB AT THE NORTHEAST CORNER OF FARM ROAD AND CRESCENT MOUNTAIN STREET
ELEVATION: 2952.98 FEET (NAVD88 - 2008 CLV ADJUSTMENT)

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN. THE REFERENCE FRAME UTILIZED BEING NAD 83 (2011) EPOCH 2010.0.

- HORIZONTAL DATUM AND COORDINATE SYSTEM**
- DATUM & REALIZATION: NAD 1983 (2011) EPOCH 2010.0
 - SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
 - ZONE: LAS VEGAS HIGH ELEVATION
 - PROJECTION: TRANSVERSE MERCATOR
 - STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36° 15' 00" N
 - LONGITUDE OF CENTRAL MERIDIAN: 114° 58' 00" W
 - NORTHING AT GRID ORIGIN: 400,000,000 M (1,321,333,333 SFT)
 - EASTING AT CENTRAL MERIDIAN: 300,000.00 M (984,250,000 SFT)
 - SCALE FACTOR ON CENTRAL MERIDIAN: 1.00013 (EXACT)
 - LINEAR UNIT: US SURVEY FOOT (SFT)

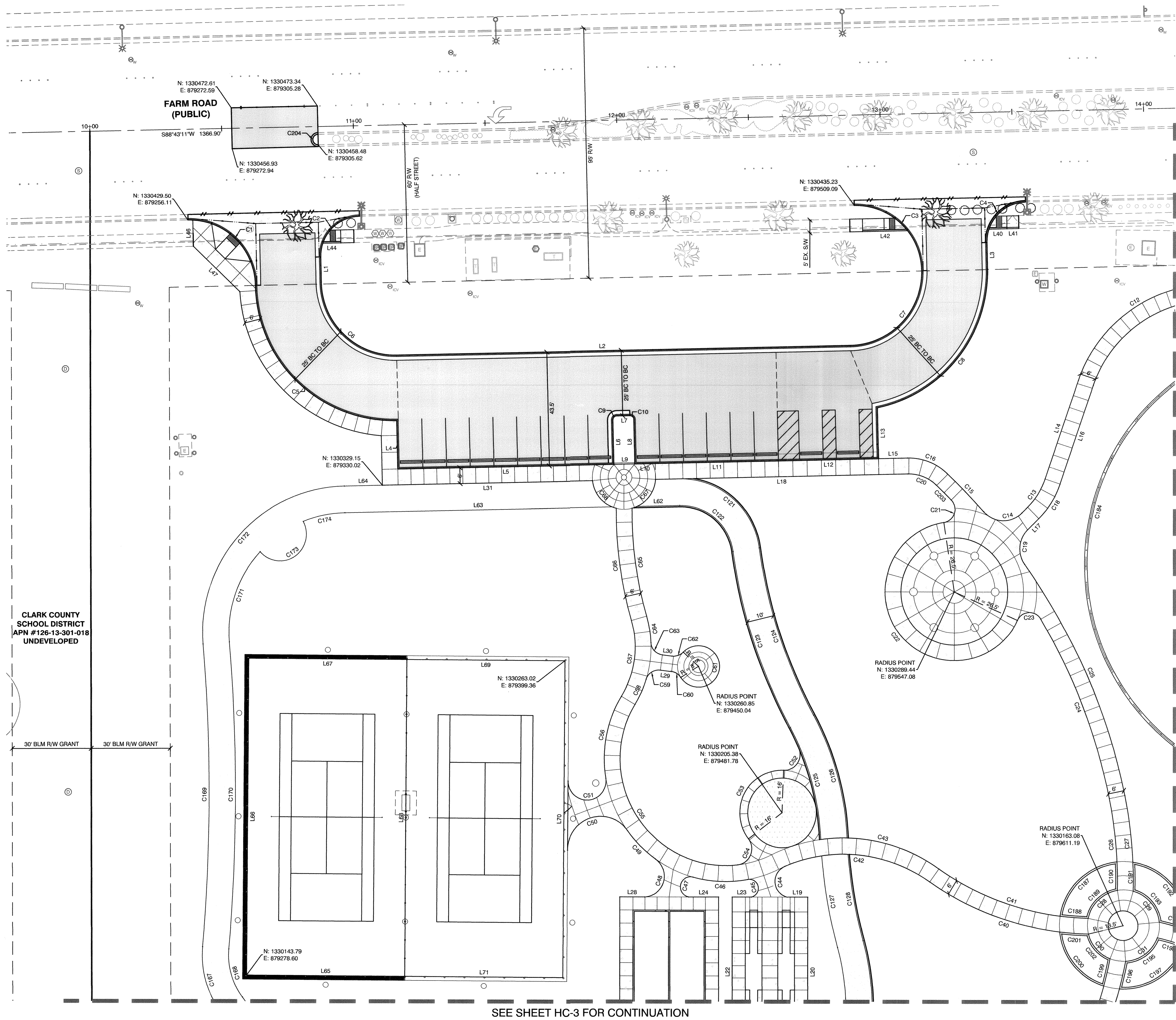
LEGEND	
	AC PAVEMENT
	CONCRETE
	PLAY SURFACE
	DECOMPOSED GRANITE
	WASHED CRUSHED STONE #3

NOTES

1. SEE SHEET HC-4 FOR LINE AND CURB TABLES.

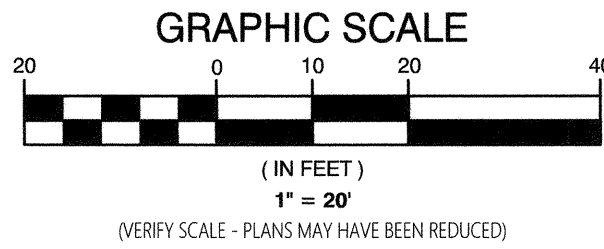
PREPARED FOR		CITY OF LAS VEGAS		SHEET		TITLE	
BID #		DATE: DEC. 17, 2018		DESIGNED BY: MS		HUCKLEBERRY PARK ADDITION	
H # 71157		SUBMITTAL STAGE: 100% FINAL		DRAWN BY: HS		HORIZONTAL CONTROL PLAN OVERALL	
CHECKED BY: RMM		DRAWING NO. 650.108-2		SHEET		HC-1	
4 OF 16		DRAWING NO. 650.108-2		SHEET		HC-1	
7/24/19		L19-00551		SHEET		HC-1	
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7/24/19							

7/24/19 W:\PW\GRID PROJECTS\BAG DESIGN\HNTB\HNTB\17\PRODUCTION\HNTB-A-K-DWG

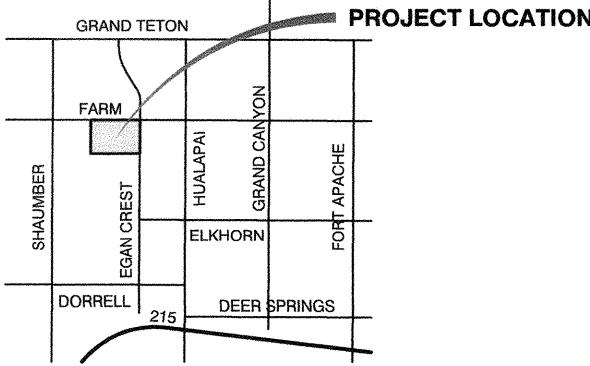


SEE SHEET HC-3 FOR CONTINUATION

SEE SHEET HC-4 FOR CONTINUATION



VICINITY MAP
NOT TO SCALE



BENCHMARK

CITY OF LAS VEGAS BENCHMARK 6LV9813C4
DESCRIPTION: RIVET AND ROUND ALUMINUM PLATE IN THE TOP OF CURB AT THE NORTHEAST CORNER OF FARM ROAD AND CRESCENT MOUNTAIN STREET
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BASIS OF BEARINGS

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- LINEAR UNIT: US SURVEY FOOT (SFT)

LEGEND

- AC PAVEMENT
- CONCRETE
- PLAY SURFACE
- DECOMPOSED GRANITE
- WASHED CRUSHED STONE #3

NOTES

- SEE SHEET HC-4 FOR LINE AND CURB TABLES.

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED BY
CITY OF LAS VEGAS
DESIGNED BY: MS
DRAWN BY: HS
CHECKED BY: RMM

HUCKLEBERRY PARK ADDITION

HORIZONTAL CONTROL PLAN 1

CITY OF LAS VEGAS

DATE: DEC. 17, 2018

BID # ---

H # 71157

SUBMITTAL STAGE: 100% FINAL

REVISIONS

NO.	DATE	SHEET

7/24/19

PROFESSIONAL ENGINEER STATE OF NEVADA
RANDY M. MCCONNELL
EXP. 12/31/2019
CIVIL
No. 016256

DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

L 19 - 0551



30' BLM R/W GRANT 30' BLM R/W GRANT

EDUCATION AVENUE
(PUBLIC)

SEE SHEET HC-5 FOR CONTINUATION



NOT TO SCALE



CITY OF LAS VEGAS BENCHMARK 6LV9913C4

DESCRIPTION: RIVET AND ROUND ALUMINUM PLATE IN THE TOP OF CURB AT THE
NORTHEAST CORNER OF FARM ROAD AND CRESCENT MOUNTAIN
STREET

ELEVATION: 2952.98 FEET (NAVD88 - 2008 CLV ADJUSTMENT)

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN. THE REFERENCE FRAME UTILIZED BEING NAD 83 (2011) EPOCH 2010.0.

- DATUM & REALIZATION: NAD 1983 (2011) EPOCH 2010.0
- SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
- ZONE: LAS VEGAS HIGH ELEVATION
- PROJECTION: TRANSVERSE MERCATOR
- STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36° 15' 00" N
- LONGITUDE OF CENTRAL MERIDIAN: 114° 58' 00" W
- NORTHING AT GRID ORIGIN: 400,000.000 M (1,321,333.333 SFT)
- EASTING AT CENTRAL MERIDIAN: 300,000.00 M (984,250.000 SFT)
- SCALE FACTOR ON CENTRAL MERIDIAN: 1.00013 (EXACT)
- LINEAR UNIT: US SURVEY FOOT (SFT)

	AC PAVEMENT
	CONCRETE
	PLAY SURFACE
	DECOMPOSED GRANITE
	WASHED CRUSHED STONE #3

1. SEE SHEET HC-4 FOR LINE AND CURB TABLES

EXISTING UTILITY LOCATIONS SHOWN HEREON 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 LOCATED IN THEIR PROPER LOCATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING CONSTRUCTION MUST BE REPAIRED IMMEDIATELY AND TO THE OWNERS' SATISFACTION AT THE CONTRACTOR'S EXPENSE.

CALL BEFORE CONSTRUCTION

BID # ---- DATE: DEC. 17, 2018

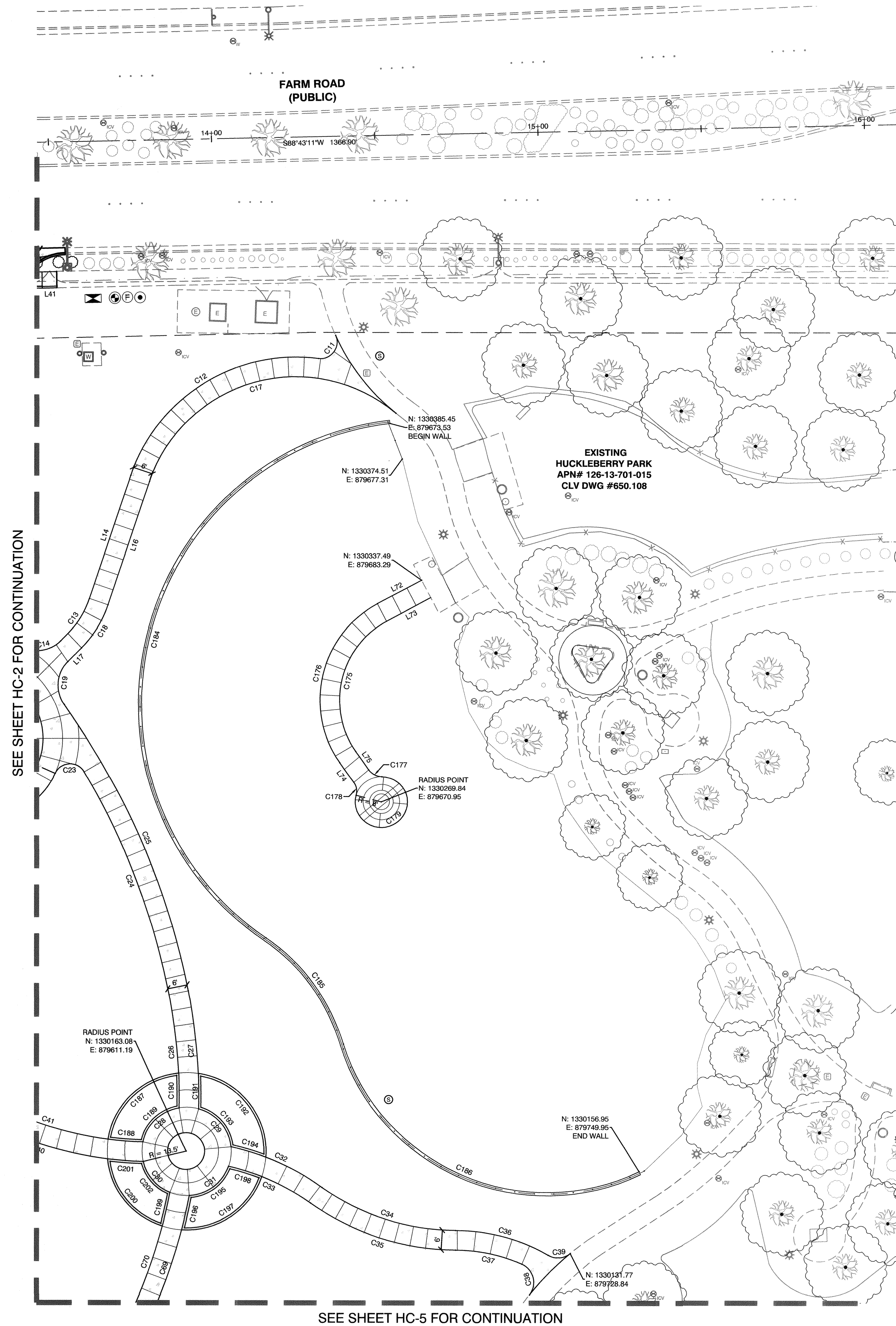
HORIZONTAL CONTROL PLAN 2

SHEET

6 OF **16**
DRAWING NO.
650.108-2

PREPARED BY

DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

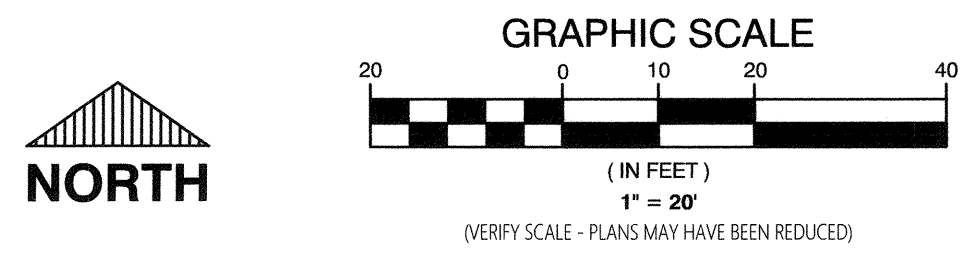
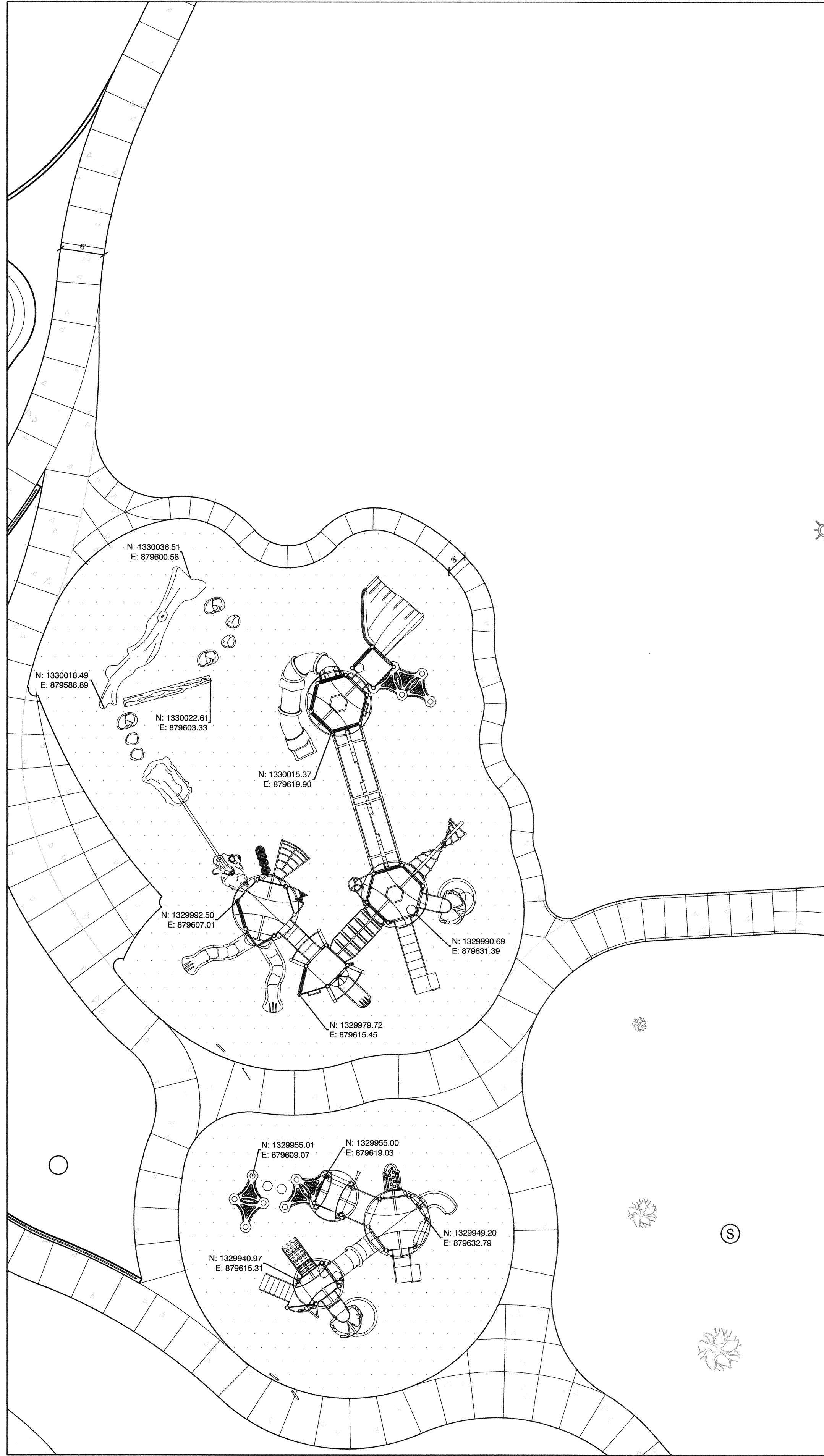
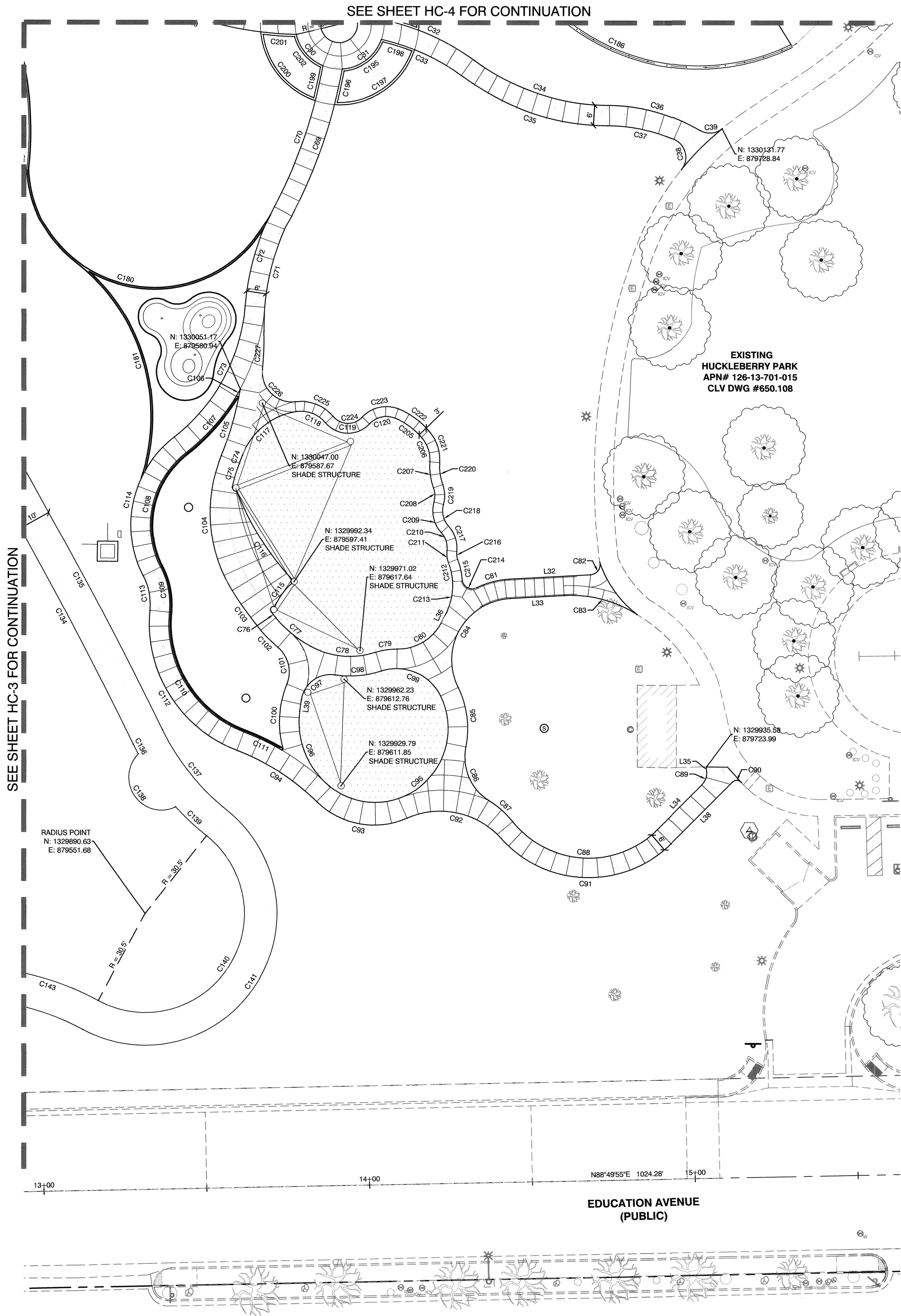


SEE SHEET HC-5 FOR CONTINUATION

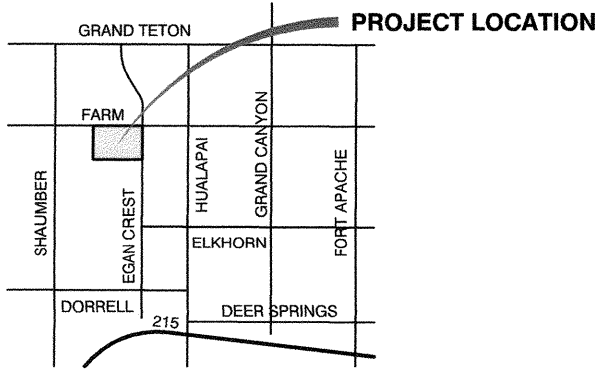
CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	090°07'16"	25.00'	39.32'	25.05'
C2	090°00'59"	15.00'	23.57'	15.00'
C3	090°00'08"	25.00'	39.27'	25.00'
C4	089°57'35"	15.00'	23.55'	14.99'
C5	090°00'00"	52.50'	82.47'	52.50'
C6	090°00'00"	28.00'	43.98'	28.00'
C7	090°00'04"	27.56'	43.28'	27.56'
C8	079°00'30"	53.00'	73.08'	43.70'
C9	090°00'00"	1.50'	2.36'	1.50'
C10	090°00'00"	1.50'	2.36'	1.50'
C11	122°04'52"	5.00'	10.65'	9.04'
C12	078°49'44"	53.39'	73.46'	43.88'
C13	026°47'55"	27.00'	12.63'	6.43'
C14	093°03'47"	10.00'	16.24'	10.55'
C15	004°58'05"	231.42'	20.07'	10.04'
C16	044°44'31"	21.00'	16.40'	8.64'
C17	111°37'08"	47.39'	92.33'	69.76'
C18	026°47'55"	33.00'	15.43'	7.86'
C19	080°43'38"	10.00'	14.09'	8.50'
C20	044°44'31"	15.00'	11.71'	6.17'
C21	125°44'09"	5.00'	10.97'	9.76'
C22	237°10'07"	26.25'	108.66'	48.18'
C23	125°44'09"	5.00'	10.97'	9.76'
C24	018°41'42"	225.42'	73.55'	37.11'
C25	023°52'37"	231.42'	96.44'	48.93'
C26	012°38'26"	156.00'	34.42'	17.28'
C27	022°42'42"	162.00'	35.94'	18.04'
C28	068°21'17"	13.67'	16.30'	9.28'
C29	068°29'17"	13.67'	16.34'	9.30'
C30	054°50'01"	13.67'	13.08'	7.09'
C31	068°43'00"	13.67'	15.91'	9.00'
C32	023°28'52"	75.05'	30.76'	15.80'
C33	023°00'42"	69.05'	27.73'	14.06'
C34	035°47'53"	70.00'	43.74'	22.61'
C35	035°47'53"	76.00'	47.48'	24.55'
C36	029°35'52"	57.35'	29.62'	15.15'
C37	023°16'36"	51.35'	20.86'	10.58'
C38	105°47'01"	6.00'	11.08'	7.93'
C39	068°54'13"	6.00'	7.22'	4.12'
C40	033°48'29"	109.00'	64.32'	33.13'
C41	033°41'49"	103.00'	60.58'	31.19'
C42	057°58'12"	57.00'	57.67'	31.58'
C43	043°20'47"	63.00'	47.96'	25.04'
C44	142°38'03"	6.15'	15.31'	18.19'
C45	177°24'04"	3.40'	10.53'	149.89'
C46	025°58'58"	46.00'	20.86'	10.61'
C47	184°46'36"	3.85'	12.42'	92.31'
C48	141°52'26"	7.85'	19.44'	22.72'
C49	018°39'30"	46.00'	14.98'	7.56'
C50	144°52'46"	12.51'	31.63'	39.53'
C51	188°43'47"	7.21'	23.75'	94.45'
C52	115°14'53"	6.00'	12.07'	9.46'
C53	129°34'30"	16.00'	36.18'	33.98'
C54	120°39'35"	6.00'	12.64'	10.53'
C55	127°37'53"	40.00'	89.10'	81.35'
C56	040°14'53"	46.00'	32.31'	16.86'
C57	046°54'17"	37.00'	30.29'	16.05'
C58	013°58'36"	43.00'	10.49'	5.27'
C59	080°31'26"	5.00'	7.03'	4.23'
C60	050°04'35"	5.00'	4.37'	2.34'
C61	283°59'24"	8.00'	39.65'	6.25'
C62	053°54'49"	5.00'	4.70'	2.54'
C63	080°17'17"	5.00'	7.01'	4.22'
C64	013°44'23"	43.00'	10.31'	5.18'
C65	016°27'02"	142.49'	40.91'	20.60'
C66	016°50'14"	161.00'	47.31'	23.83'
C67	016°46'26"	155.00'	45.38'	22.85'
C68	028°37'37"	75.11'	37.53'	19.16'
C69	022°58'10"	81.11'	32.52'	16.48'
C70	047°56'29"	56.00'	46.86'	24.90'
C71	001°28'40"	100.50'	2.59'	1.30'
C72	011°02'48"	40.00'	7.71'	3.87'

CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C76	001°21'51"	100.00'	2.38'	1.19'
C77	021°20'59"	37.00'	13.79'	6.97'
C78	047°08'06"	25.00'	20.57'	10.91'
C79	018°51'16"	21.00'	6.91'	3.49'
C80	063°30'13"	15.01'	16.63'	9.29'
C81	023°56'35"	25.00'	10.45'	5.30'
C82	092°25'10"	3.00'	4.84'	3.13'
C83	036°10'18"	36.95'	23.33'	12.07'
C84	113°02'30"	19.00'	37.49'	28.73'
C85	037°41'18"	28.43'	18.70'	9.70'
C86	069°56'58"	15.43'	18.84'	10.80'
C87	019°27'16"	28.78'	9.77'	4.93'
C88	095°39'47"	30.00'	50.09'	33.12'
C89	048°57'22"	5.00'	4.27'	2.28'
C90	092°21'11"	2.00'	3.22'	2.08'
C91	092°42'09"	36.00'	58.25'	37.74'
C92	071°37'36"	25.34'	31.67'	18.28'
C93	067°43'04"	25.28'	29.88'	16.96'
C94	023°32'07"	71.00'	29.16'	14.79'
C95	155°07'06"	22.43'	60.74'	101.69'
C96	058°47'13"	24.88'	25.53'	14.02'
C97	090°15'04"	9.04'	14.23'	9.07'
C98	026°33'54"	31.00'	14.37'	7.32'
C99	081°29'59"	15.17'	21.58'	13.07'
C100	037°05'18"	30.88'	19.99'	10.36'
C101	071°48'45"	9.81'	12.30'	7.10'
C102	010°02'18"	43.00'	7.53'	3.78'
C103	008°08'47"	106.00'	15.07'	7.55'
C104	053°50'46"	46.00'	43.23'	23.36'
C105	012°42'37"	94.50'	20.96'	10.53'
C106	002°07'26"	62.00'	2.30'	1.15'
C107	021°29'40"	62.00'	23.26'	11.77'
C108	079°53'42"	28.00'	39.04'	23.45'
C109	032°56'25"	25.22'	14.50'	7.46'
C110	075°06'37"	35.50'	46.54'	27.29'
C111	009°36'12"	77.00'	12.91'	6.47'
C112	075°06'37"	41.50'	54.40'	31.91'
C113	032°56'25"	19.22'	11.05'	5.68'
C114	079°53'42"	34.00'	47.41'	26.48'
C115	025°03'10"	20.25'	8.85'	4.50'
C116	021°55'20"	84.07'	32.17'	16.28'
C117	061°01'30"	20.96'	22.32'	12.35'
C118	056°51'19"	10.00'	9.82'	5.41'
C119	096°52'18"	9.00'	15.22'	10.15'
C120	069°23'47"	7.00'	8.48'	4.85'
C121	083°14'58"	30.00'	43.59'	26.66'
C122	083°14'58"	20.00'	29.06'	17.77'
C123	019°57'19"	203.00'	70.70'	35.71'
C124	019°57'19"	193.00'	67.22'	33.95'
C125	025°14'06"	100.00'	44.04'	22.38'
C126	025°14'06"	110.00'	48.45'	24.62'
C127	010°29'30"	193.00'	35.34'	17.72'
C128	010°25'13"	183.00'	33.28'	16.69'
C129	041°07'24"	102.00'	73.21'	38.26'
C130	041°07'24"	92.00'	66.03'	34.51'
C131	056°12'07"	49.00'	48.06'	26.16'
C132	051°22'54"	59.00'	52.91'	28.38'
C133	160°09'42"	10.01'	27.99'	57.27'
C134	003°21'37"	1536.21'	90.10'	45.06'
C135	003°54'41"	1546.21'	105.55'	52.80'
C136	002°19'59"	80.50'	3.28'	1.64'
C137	025°36'22"	70.50'	31.51'	16.02'
C138	160°48'43"	10.00'	28.07'	59.16'
C139	008°12'05"	80.50'	12.93'	6.48'
C140	169°53'45"	30.50'	90.44'	345.01'
C141	169°53'45"	40.50'	120.09'	458.12'
C142	057°18'39"	79.00'	79.02'	43.17'
C143	021°02'22"	89.00'	32.68'	16.53'
C144	166°26'26"	10.00'	32.54'	177.72'
C145	023°23'20"	89.00'	36.33'	18.42'
C146	126°10'18"	40.00'	86.08'	78.80'
C147	126°10'18"	30.00'	66.06'	59.10'
C148	104°56'29"	130.00'	106.89'	78.11'
C149	104°56'29"	70.00'	128.21'	91.13'
C150	078°13'22"	40.00'	54.61'	32.52'

CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	TANGENT
C151	034°14'31"	30.00'	17.93'	9.24'
C152	160°48'43"	10.00'	28.07'	59.16'
C153	005°36'17"	30.00'	2.93'	1.47'
C154	036°22'37"	91.50'	56.50'	29.18'
C155	033°18'43"	81.50'	47.38'	24.38'
C156	161°30'30"	10.00'	28.19'	61.43'
C157	051°30'24"	102.00'	91.69'	49.21'
C158	013°42'54"	112.00'	26.81'	13.47'
C159	092°39'27"	10.00'	16.17'	10.47'
C160	009°31'56"	72.19'	12.01'	6.02'
C161	046°04'29"	10.00'	8.04'	4.25'
C162	262°30'29"	10.00'	45.82'	11.40'
C163	038°00'15"	10.00'	6.63'	3.44'
C164	014°18'23"	82.19'	20.52'	10.32'
C165	078°16'50"	10.00'	13.31'	7.85'
C166	014°55'35"	112.00'	29.18'	14.67'
C167	040°45'47"	37.50'	26.66'	13.93'
C168	040°45'47"	27.50'	19.96'	10.22'
C169	009°36'30"	684.50'	114.79'	57.53'
C170	009°36'30"	694.50'	116.46'	58.37'
C171	047°17'07"	45.00'	37.14'	19.70'
C172	093°28'00"	55.00'	89.72'	58.43'
C173	167°14'29"	10.00'	29.19'	89.44'
C174	020°39'51"	45.00'	16.23'	8.20'
C175	097°17'33"	27.00'	45.85'	30.68'
C176	097°17'33"	33.00'	56.04'	37.49'
C177	053°54'51"	5.00'	4.70'	2.54'
C178	050°04'31"	5.00'	4.37'	2.34'
C179	283°59'21"	8.00'	39.65'	6.25'
C180	146°52'37"	38.69'	99.19'	130.12'
C181	070°24'14"	59.78'	73.45'	42.17'
C184	139°06'24"	86.42'	209.82'	231.80'
C185	038°39'13"	60.00'	40.48'	21.04'
C186	098°27'32"	65.16'	111.97'	75.57'
C187	072°14'29"	23.67'	29.84'	17.27'
C188	005°16'32"	102.33'	9.42'	4.71'
C189	063°54'44"	14.33'	15.99'	8.94'
C190	003°28'56"	155.33'	9.44'	4.72'
C191	003°23'35"	162.67'	9.63'	4.82'
C192	081°41'39"	23.67'	33.74'	20.46'
C193	064°28'55"	14.33'	16.13'	9.04'
C194	007°27'48"	75.67'	9.86'	4.94'
C195	082°15'40"	14.33'	15.58'	8.66'
C196	003°24'43"	161.67'	9.63'	4.82'
C197	071°30'50"	23.67'	29.54'	17.04'
C198	007°50'56"	68.33'	9.36'	4.69'
C199	003°30'22"	154.33'	9.44'	4.72'
C200	062°50'05"	23.67'	25.95'	14.46'
C201	005°03'04"	109.67'	9.67'	4.84'
C202	050°33'25"	14.33'	12.65'	6.77'
C203	002°03'23"	225.42'	8.09'	4.05'
C204	179°54'46"	2.05'	6.43'	2691.04'
C205	028°18'04"	21.49'	10.61'	5.42'
C206	043°32'21"	10.00'	7.60'	3.99'
C207	024°05'25"	19.18'	8.06'	4.09'
C208	035°45'27"	7.00'	4.37'	2.26'
C209	057°40'01"	10.00'	10.06'	5.51'
C210	049°02'37"	7.00'	5.99'	3.19'
C211	027°47'25"	8.00'	3.88'	1.98'
C212	016°27'23"	20.00'	5.74'	2.89'
C213	030°03'33"	10.00'	10.23'	5.24'
C214	012°50'00"	3.00'	5.91'	4.52'
C215	016°27'23"	23.00'	6.61'	3.33'
C216	027°47'25"	5.00'	2.43'	1.24'
C217	049°02'37"	10.00'	8.56'	4.56'
C218	057°40'01"	7.00'	7.05'	3.85'
C219	035°45'27"	10.00'	6.24'	3.23'
C220	024°05'25"	16.18'	6.80'	3.45'
C221	043°32'21"	13.00'	9.88'	5.19'
C222	028°18'04"	24.49'	12.10'	6.17'
C223	069°23'47"	10.00'	12.11'	6.92'
C224	096°52'18"	6.00'	10.14'	6.77'
C225	056°51'19"	13.00'	12.90'	7.04'
C226	020°49'00"	9.03'	16.20'	11.31'
C227	006°33'47"	100.50'	11.51'	5.70'



VICINITY MAP



BENCHMARK

CITY OF LAS VEGAS BENCHMARK 6LV9913C4

DESCRIPTION: RIVET AND ROUND ALUMINUM PLATE IN THE TOP OF CURB AT THE NORTHEAST CORNER OF FARM ROAD AND CRESCENT MOUNTAIN STREET

ELEVATION: 2962.98 FEET (NAVD88 - 2008 CLV ADJUSTMENT)

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF NEVADA COORDINATE REFERENCE SYSTEM (NCRS). LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983, SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN. THE REFERENCE FRAME UTILIZED BEING NAD 83 (2011) EPOCH 2010.0.

HORIZONTAL DATUM AND COORDINATE SYSTEM

- DATUM & REALIZATION: NAD 1983 (2011) EPOCH 2010.0
- SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
- ZONE: LAS VEGAS HIGH ELEVATION
- PROJECTION: TRANSVERSE MERCATOR
- STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36° 15' 00" N
- LONGITUDE OF CENTRAL MERIDIAN: 114° 58' 00" W
- NORTHING AT GRID ORIGIN: 400,000,000 M (1,321,333,333.33 SFT)
- EASTING AT CENTRAL MERIDIAN: 300,000.00 M (984,250,000 SFT)
- SCALE FACTOR ON CENTRAL MERIDIAN: 1.00013 (EXACT)
- LINEAR UNIT: US SURVEY FOOT (SFT)

LEGEND

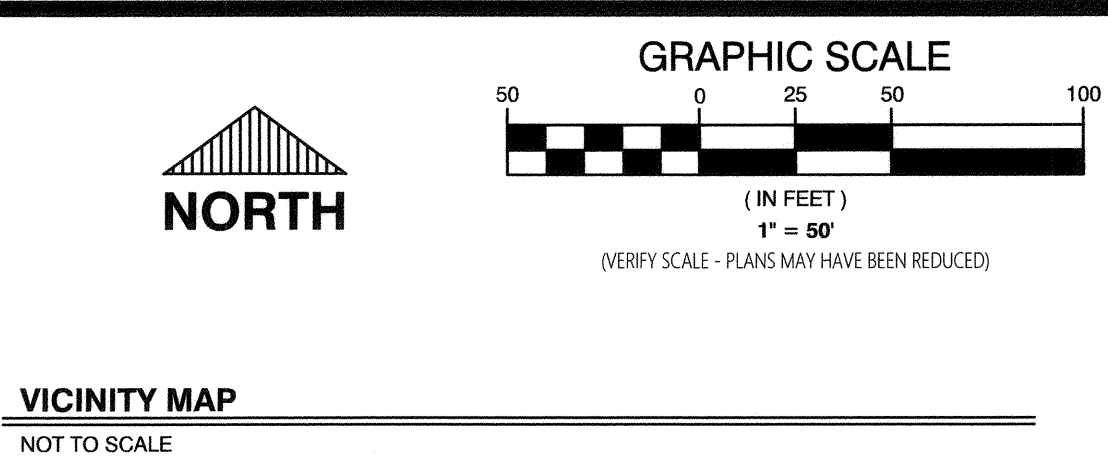
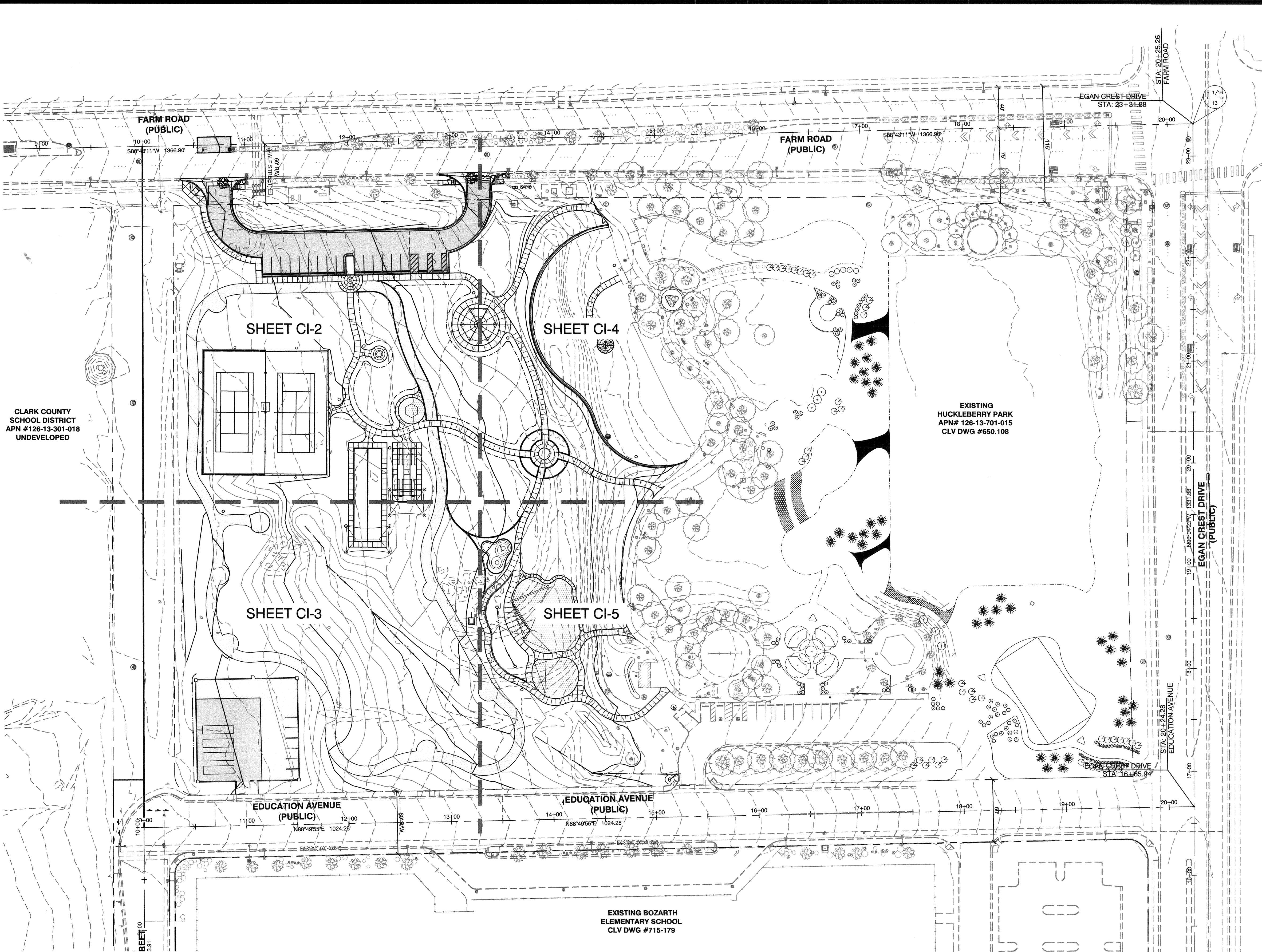
- AC PAVEMENT
- CONCRETE
- PLAY SURFACE
- DECOMPOSED GRANITE
- WASHED CRUSHED STONE #3

NOTES

- SEE SHEET HC-4 FOR LINE AND CURB TABLES.

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
BEFORE YOU OVERHEAD	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

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EARTHWORK QUANTITIES	
TOTAL CUT:	12,364.8 CU YD
TOTAL FILL:	2,660.0 CU YD
TOTAL NET (CUT):	9,704.8 CU YD

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 6LV9913C4

DESCRIPTION: RIVET AND ROUND ALUMINUM PLATE IN THE TOP OF CURB AT THE NORTHEAST CORNER OF FARM ROAD AND CRESCENT MOUNTAIN STREET

ELEVATION: 2952.98 FEET (NAVD88 - 2008 CLV ADJUSTMENT)

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN. THE REFERENCE FRAME UTILIZED BEING NAD 83 (2011) EPOCH 2010.0.

- NOTES**
- SEE ARCHITECTURAL PLANS (SHEET D1) FOR ALL ONSITE DEMOLITION AND REMOVAL.
 - SEE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND IRRIGATION PLANS FOR ADDITIONAL CONSTRUCTION ITEMS.

UTILITY DISCLAIMER

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APPROVED FOR CONSTRUCTION

Nan Fields 8/7/19

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136368 FIRST APPROVED DATE: 8/7/19

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY

CITY OF LAS VEGAS

DESIGNED BY: MS

DRAWN BY: HS

CHECKED BY: RMM

DATE: DEC. 17, 2018

BID # ---

H # 71157

SUBMITTAL STAGE: 100% FINAL

TITLE

HUCKLEBERRY PARK ADDITION

SHEET

CI-1

9 OF 16

DRAWING NO. 650.108-2

DEPARTMENT OF PUBLIC WORKS

CAPITAL PROJECT MANAGEMENT

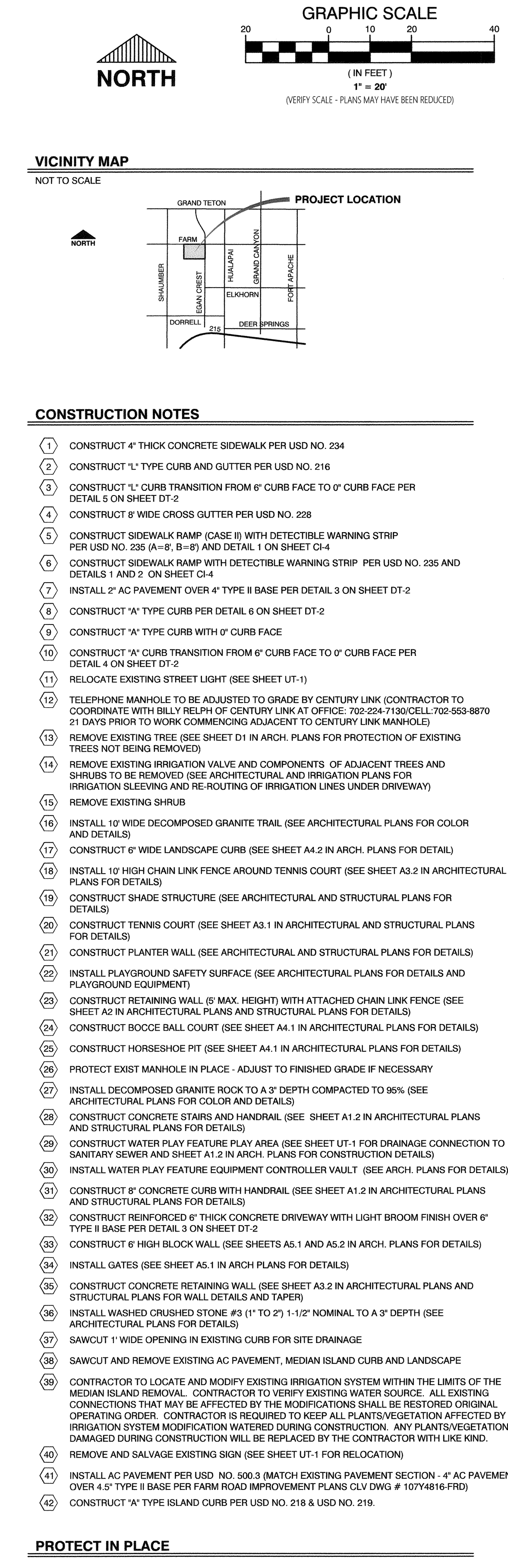
REVISIONS

NO.

DATE

SHEET

PROJ. # 136368A QS-126-13-SE



BENCHMARK

CITY OF LAS VEGAS BENCHMARK 6LV9913C4

DESCRIPTION: RIVET AND ROUND ALUMINUM PLATE IN THE TOP OF CURB AT THE
NORTHEAST CORNER OF FARM ROAD AND CRESCENT MOUNTAIN STREET

ELEVATION: 2952.98 FEET (NAVOD8 - 2008 CLV ADJUSTMENT)

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF NEVADA COORDINATE REFERENCE
SYSTEM (NGRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN
DATUM OF 1983, SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH
MERIDIAN. THE REFERENCE FRAME UTILIZED BEING NAD 83 (2011) EPOCH 2010.0.

NOTES

1. SEE ARCHITECTURAL PLANS (SHEET D1) FOR ALL ONSITE DEMOLITION AND REMOVAL.
2. SEE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND IRRIGATION PLANS FOR ADDITIONAL CONSTRUCTION ITEMS.

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PROTECT IN PLACE

1	PROTECT IN PLACE EXISTING WATER METERS AND RPPAS
2	PROTECT IN PLACE EXISTING ONSITE WATER PUMP AND POWER SOURCE
3	PROTECT IN PLACE EXISTING ELECTRICAL TRANSFORMER/VAULT
4	PROTECT IN PLACE EXISTING CENTURYLINK/VAULT FACILITIES
5	PROTECT IN PLACE EXISTING IRRIGATION FACILITIES
6	PROTECT IN PLACE EXISTING SIGN

FLOOD CERTIFICATION

I CERTIFY THAT THIS CONSTRUCTION PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

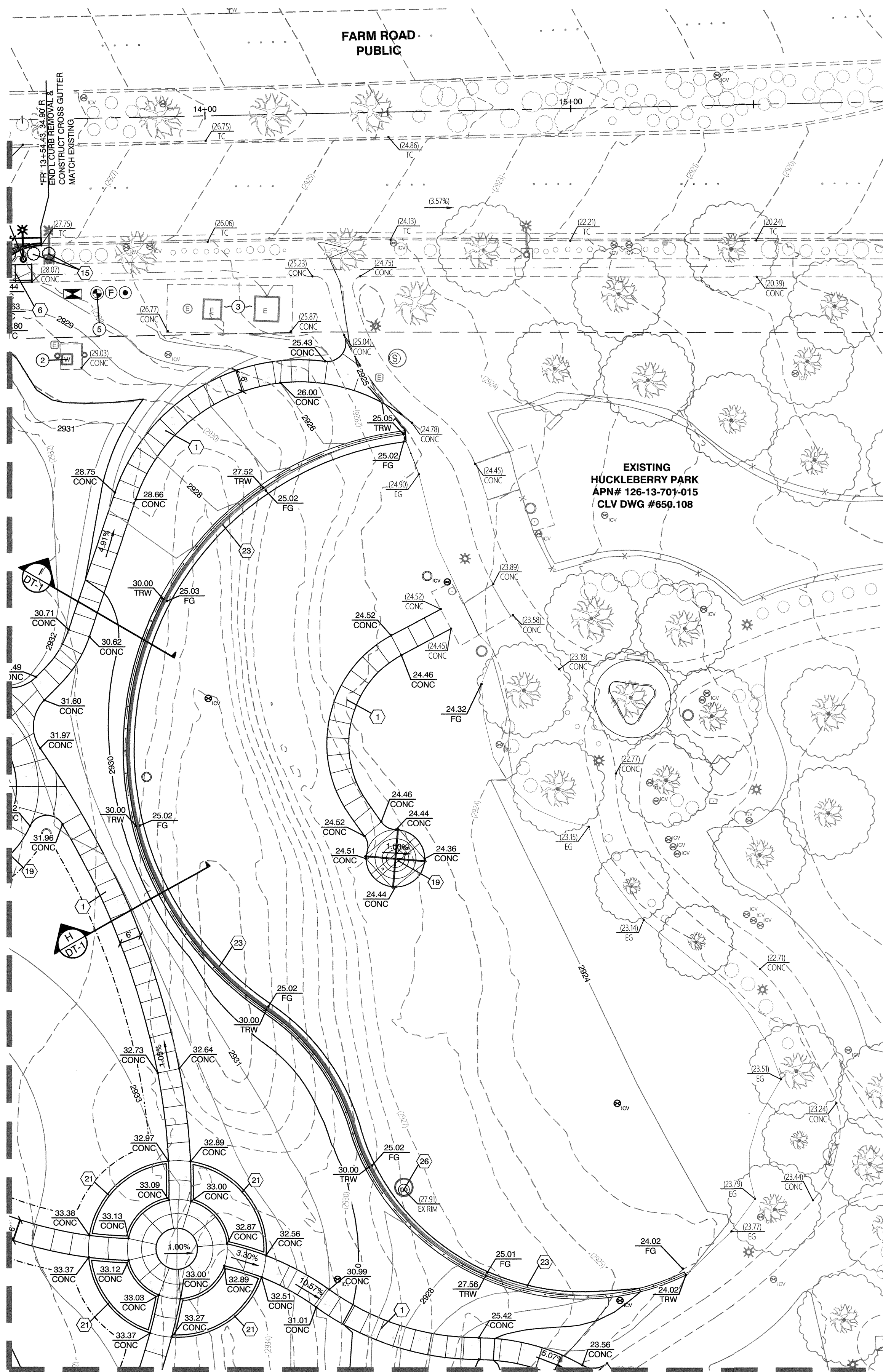

RANDY M. MCCONNELL, P.E. #16256

7/29/19 DATE

L19-00

[illegible]

SEE SHEET CI-2 FOR CONTINUATION

**LVVWD NOTE**

PROTECT IN PLACE AND ADJUST LVVWD EXISTING FACILITIES TO FINISHED GRADE PER UDACS. ALL LVVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.

CALL BEFORE CONSTRUCTION

BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
	F.A.S.T.	702-432-5300
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 6LV9913C4
DESCRIPTION: RIVET AND ROUND ALUMINUM PLATE IN THE TOP OF CURB AT THE NORTHEAST CORNER OF FARM ROAD AND CRESCENT MOUNTAIN STREET
ELEVATION: 2952.98 FEET (NAVDS88 - 2008 CLV ADJUSTMENT)

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983, SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN. THE REFERENCE FRAME UTILIZED BEING NAD 83 (2011) EPOCH 2010.0.

NOTES

- SEE ARCHITECTURAL PLANS (SHEET D1) FOR ALL ONSITE DEMOLITION AND REMOVAL.
- SEE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND IRRIGATION PLANS FOR ADDITIONAL CONSTRUCTION ITEMS.

UTILITY DISCLAIMER

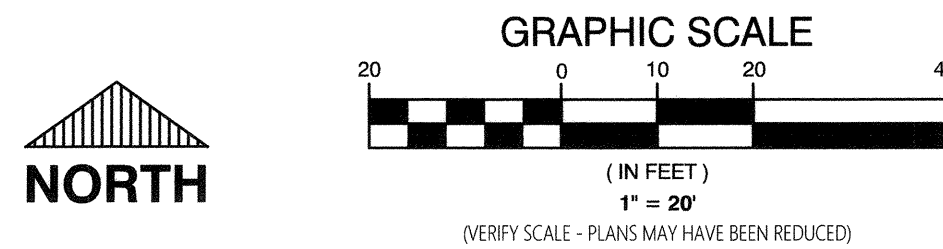
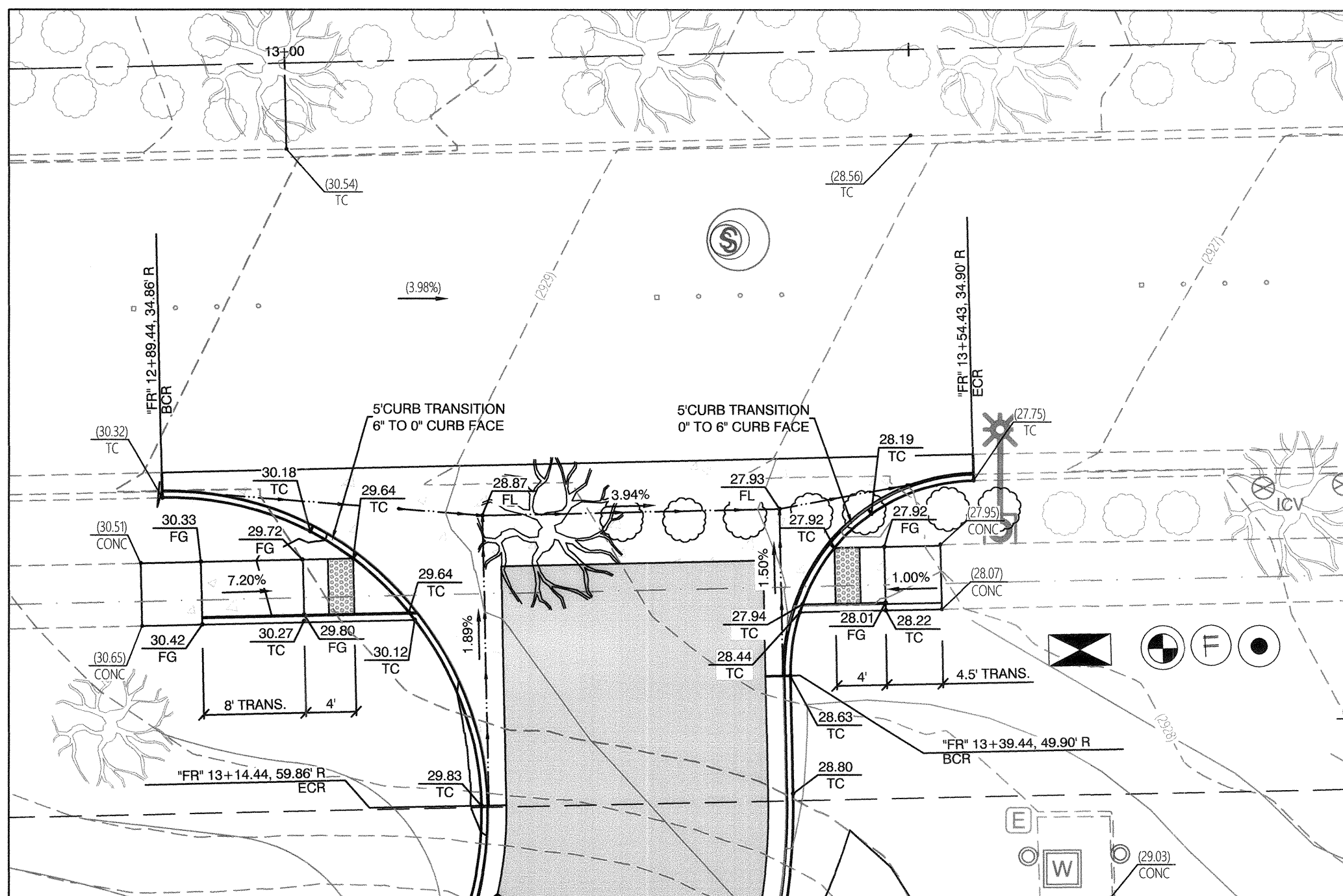
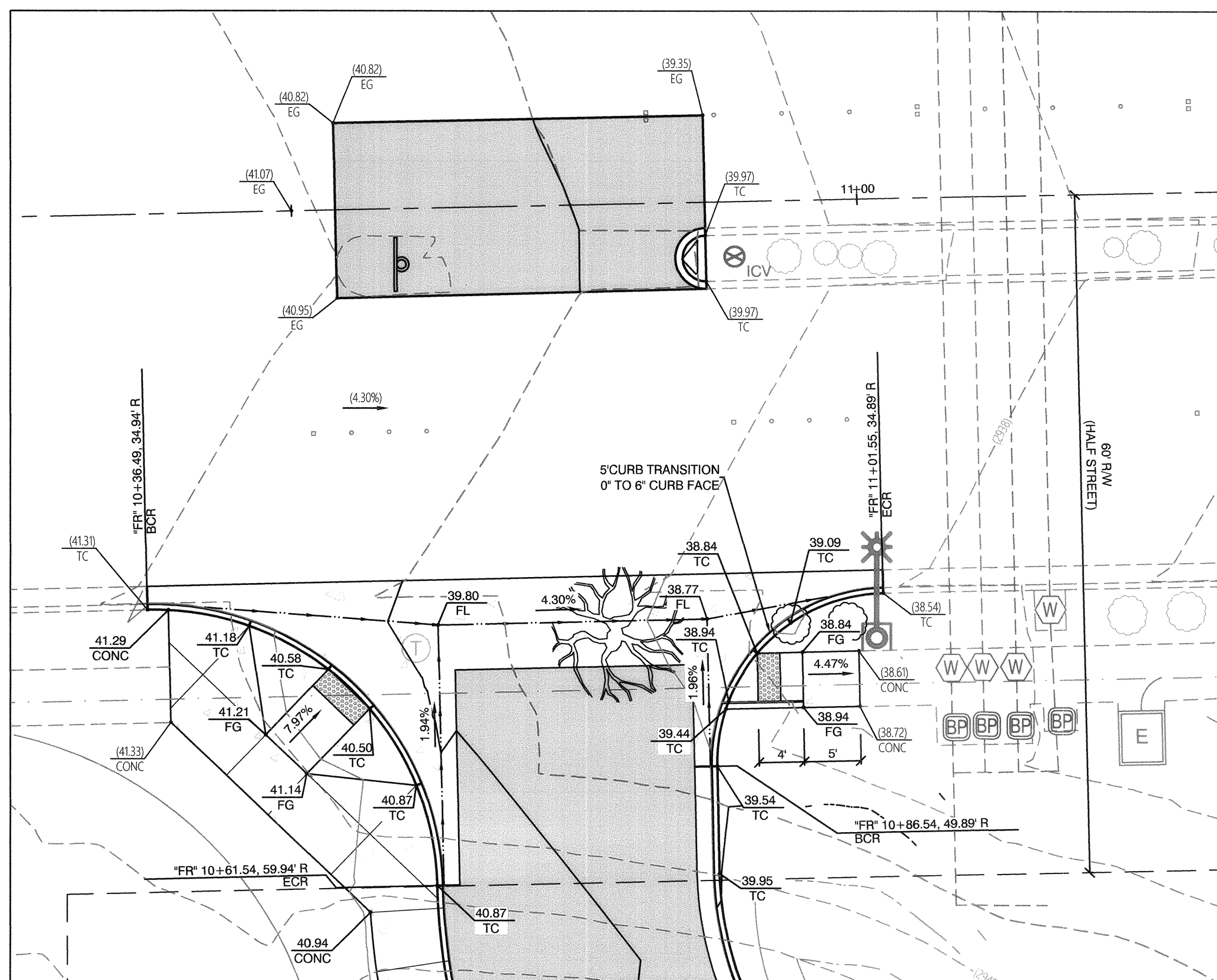
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LEGEND

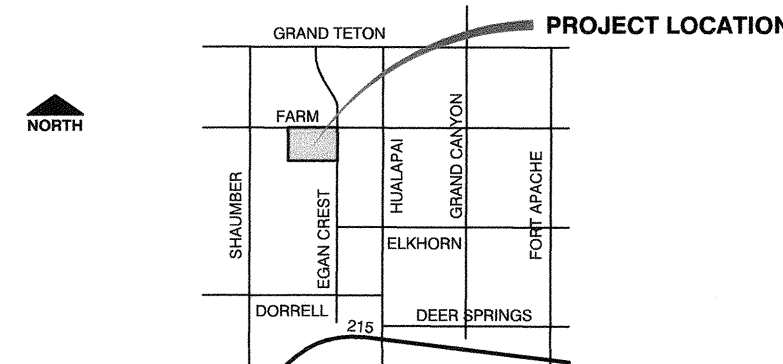
	AC PAVEMENT
	CONCRETE
	PLAY SURFACE
	DECOMPOSED GRANITE
	WASHED CRUSHED STONE #3

APPROVED FOR CONSTRUCTION

Nan Gallo 8/7/19
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT NO. 136368 FIRST APPROVED DATE: 8/7/19

**VICINITY MAP**

NOT TO SCALE

**CONSTRUCTION NOTES**

- CONSTRUCT 4" THICK CONCRETE SIDEWALK PER USD NO. 234
- CONSTRUCT "L" TYPE CURB AND GUTTER PER USD NO. 216
- CONSTRUCT "L" CURB TRANSITION FROM 6" CURB FACE TO 0" CURB FACE PER DETAIL 5 ON SHEET DT-2
- CONSTRUCT 8" WIDE CROSS GUTTER PER USD NO. 228
- CONSTRUCT SIDEWALK RAMP (CASE II) WITH DETECTIBLE WARNING STRIP PER USD NO. 235 (A=8', B=8') AND DETAIL 1 ON SHEET CI-4
- CONSTRUCT SIDEWALK RAMP WITH DETECTIBLE WARNING STRIP PER USD NO. 235 AND DETAILS 1 AND 2 ON SHEET CI-4
- INSTALL 2" AC PAVEMENT OVER 4" TYPE II BASE PER DETAIL 3 ON SHEET DT-2
- CONSTRUCT "A" TYPE CURB PER DETAIL 6 ON SHEET DT-2
- CONSTRUCT "A" TYPE CURB WITH 0" CURB FACE
- CONSTRUCT "A" CURB TRANSITION FROM 6" CURB FACE TO 0" CURB FACE PER DETAIL 4 ON SHEET DT-2
- RELOCATE EXISTING STREET LIGHT (SEE SHEET UT-1)
- TELEPHONE MANHOLE TO BE ADJUSTED TO GRADE BY CENTURY LINK (CONTRACTOR TO COORDINATE WITH BILLY LINK AT OFFICE: 702-224-7130/CELL: 702-553-8870 21 DAYS PRIOR TO WORK COMMENCING ADJACENT TO CENTURY LINK MANHOLE)
- REMOVE EXISTING TREE (SEE SHEET D1 IN ARCH. PLANS FOR PROTECTION OF EXISTING TREES NOT BEING REMOVED)
- REMOVE EXISTING IRRIGATION VALVE AND COMPONENTS OF ADJACENT TREES AND SHRUBS TO BE REMOVED (SEE ARCHITECTURAL AND IRRIGATION PLANS FOR IRRIGATION SLEEPING AND RE-ROUTING OF IRRIGATION LINES UNDER DRIVEWAY)
- REMOVE EXISTING SHRUB
- INSTALL 10" WIDE DECOMPOSED GRANITE TRAIL (SEE ARCHITECTURAL PLANS FOR COLOR AND DETAILS)
- CONSTRUCT 6" WIDE LANDSCAPE CURB (SEE SHEET A4.2 IN ARCH. PLANS FOR DETAIL)
- INSTALL 10" HIGH CHAIN LINK FENCE AROUND TENNIS COURT (SEE SHEET A3.2 IN ARCHITECTURAL PLANS FOR DETAILS)
- CONSTRUCT SHADE STRUCTURE (SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT TENNIS COURT (SEE SHEET A3.1 IN ARCHITECTURAL AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT PLANTER WALL (SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR DETAILS)
- INSTALL PLAYGROUND SAFETY SURFACE (SEE ARCHITECTURAL PLANS FOR DETAILS AND PLAYGROUND EQUIPMENT)
- CONSTRUCT RETAINING WALL (6' MAX. HEIGHT) WITH ATTACHED CHAIN LINK FENCE (SEE SHEET A2 IN ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT BOCCIE BALL COURT (SEE SHEET A4.1 IN ARCHITECTURAL PLANS FOR DETAILS)
- CONSTRUCT HORSESHOE PIT (SEE SHEET A4.1 IN ARCHITECTURAL PLANS FOR DETAILS)
- PROTECT EXIST MANHOLE IN PLACE - ADJUST TO FINISHED GRADE IF NECESSARY
- INSTALL DECOMPOSED GRANITE ROCK TO A 3' DEPTH COMPACTED TO 95% (SEE ARCHITECTURAL PLANS FOR COLOR AND DETAILS)
- CONSTRUCT CONCRETE STAIRS AND HANDRAIL (SEE SHEET A1.2 IN ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT WATER PLAY FEATURE PLAY AREA (SEE SHEET UT-1 FOR DRAINAGE CONNECTION TO SANITARY SEWER AND SHEET A1.2 IN ARCH. PLANS FOR CONSTRUCTION DETAILS)
- INSTALL WATER PLAY FEATURE EQUIPMENT CONTROLLER VAULT (SEE ARCH. PLANS FOR DETAILS)
- CONSTRUCT 8" CONCRETE CURB WITH HANDRAIL (SEE SHEET A1.2 IN ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT REINFORCED 6" THICK CONCRETE DRIVEWAY WITH LIGHT BROOM FINISH OVER 6" TYPE II BASE PER DETAIL 3 ON SHEET DT-2
- CONSTRUCT 6" HIGH BLOCK WALL (SEE SHEETS A5.1 AND A5.2 IN ARCH. PLANS FOR DETAILS)
- INSTALL GATES (SEE SHEET A5.1 IN ARCH PLANS FOR DETAILS)
- CONSTRUCT CONCRETE RETAINING WALL (SEE SHEET A3.2 IN ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR WALL DETAILS AND TAPER)
- INSTALL WASHED CRUSHED STONE #3 (1" TO 2" 1-1/2" NOMINAL TO A 3' DEPTH (SEE ARCHITECTURAL PLANS FOR DETAILS)
- SAWCUT 1" WIDE OPENING IN EXISTING CURB FOR SITE DRAINAGE
- SAWCUT AND REMOVE EXISTING AC PAVEMENT, MEDIAN ISLAND CURB AND LANDSCAPE
- CONTRACTOR TO LOCATE AND MODIFY EXISTING IRRIGATION SYSTEM WITHIN THE LIMITS OF THE MEDIAN ISLAND REMOVAL. CONTRACTOR TO VERIFY EXISTING WATER SOURCE. ALL EXISTING CONNECTIONS THAT MAY BE AFFECTED BY THE MODIFICATIONS SHALL BE RESTORED ORIGINAL OPERATING ORDER. CONTRACTOR IS REQUIRED TO KEEP ALL PLANTS/VEGETATION AFFECTED BY IRRIGATION SYSTEM MODIFICATION WATERED DURING CONSTRUCTION. ANY PLANTS/VEGETATION DAMAGED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR WITH LIKE KIND.
- REMOVE AND SALVAGE EXISTING SIGN (SEE SHEET UT-1 FOR RELOCATION)
- INSTALL AC PAVEMENT PER USD NO. 500.3 (MATCH EXISTING PAVEMENT SECTION - 4" AC PAVEMENT OVER 4.5" TYPE II BASE PER FARM ROAD IMPROVEMENT PLANS CLV DWG # 107V4616-FRD)
- CONSTRUCT "A" TYPE ISLAND CURB PER USD NO. 218 & USD NO. 219.

PROTECT IN PLACE

- PROTECT IN PLACE EXISTING WATER METERS AND RPPAS
- PROTECT IN PLACE EXISTING ONSITE WATER PUMP AND POWER SOURCE
- PROTECT IN PLACE EXISTING ELECTRICAL TRANSFORMER/VAULT
- PROTECT IN PLACE EXISTING CENTURY LINK/VAULT FACILITIES
- PROTECT IN PLACE EXISTING IRRIGATION FACILITIES
- PROTECT IN PLACE EXISTING SIGN

FLOOD CERTIFICATION

I CERTIFY THAT THIS CONSTRUCTION PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

R.M. McConnell
RANDY M. MCCONNELL, P.E. #16256
DATE: 7/24/19

TITLE

HUCKLEBERRY PARK ADDITION

SHEET

CITY OF LAS VEGAS

DATE: DEC. 17, 2018

DESIGNED BY: MS

DRAWN BY: HS

CHECKED BY: RMM

BID # ---

H # 71157

SUBMITTAL STAGE:

100% FINAL

SHEET

CI-4

12 OF 16

DRAWING NO. 650.108-2

PROJ.#: 136368A QS: 126-13-5E

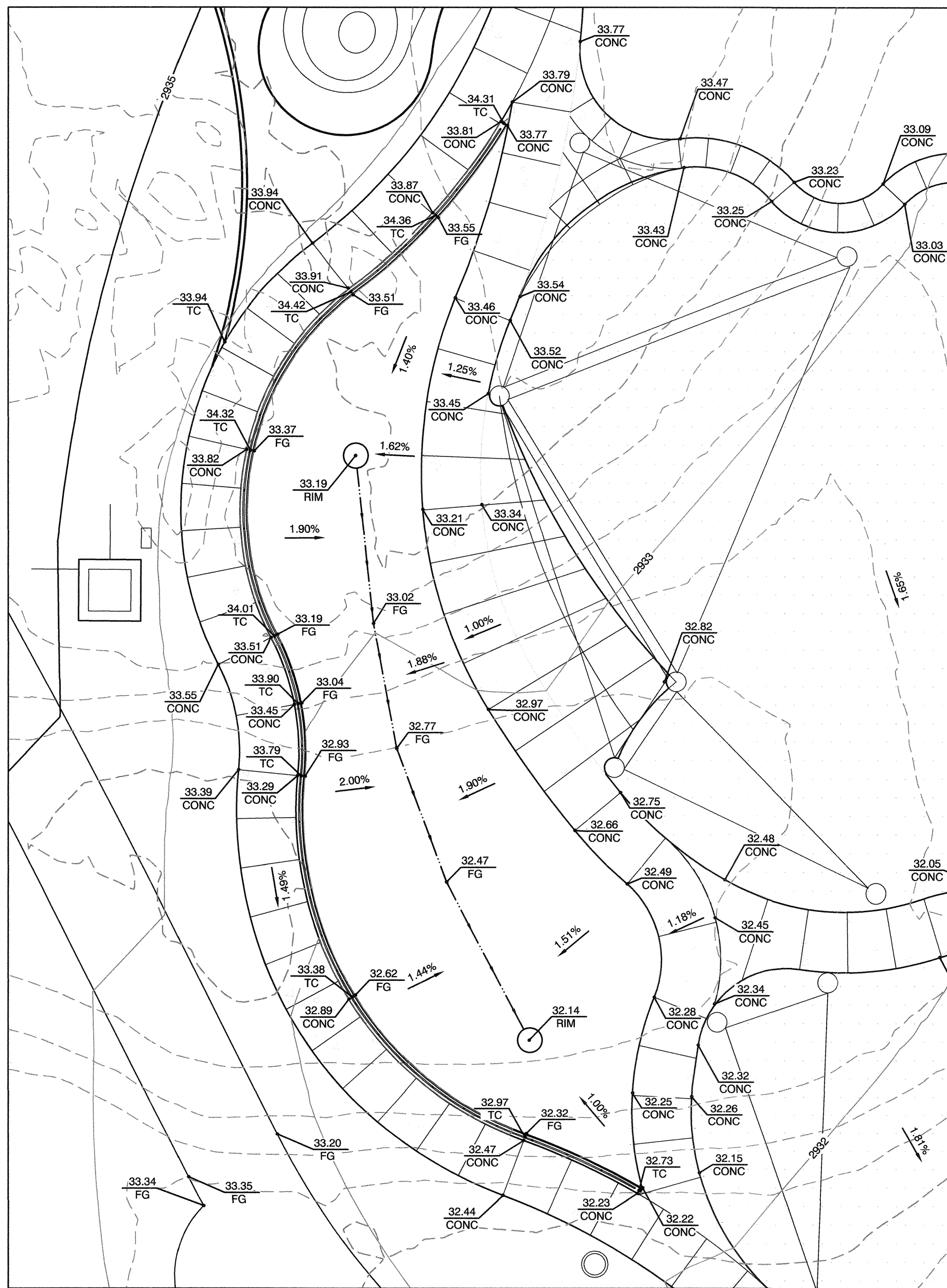
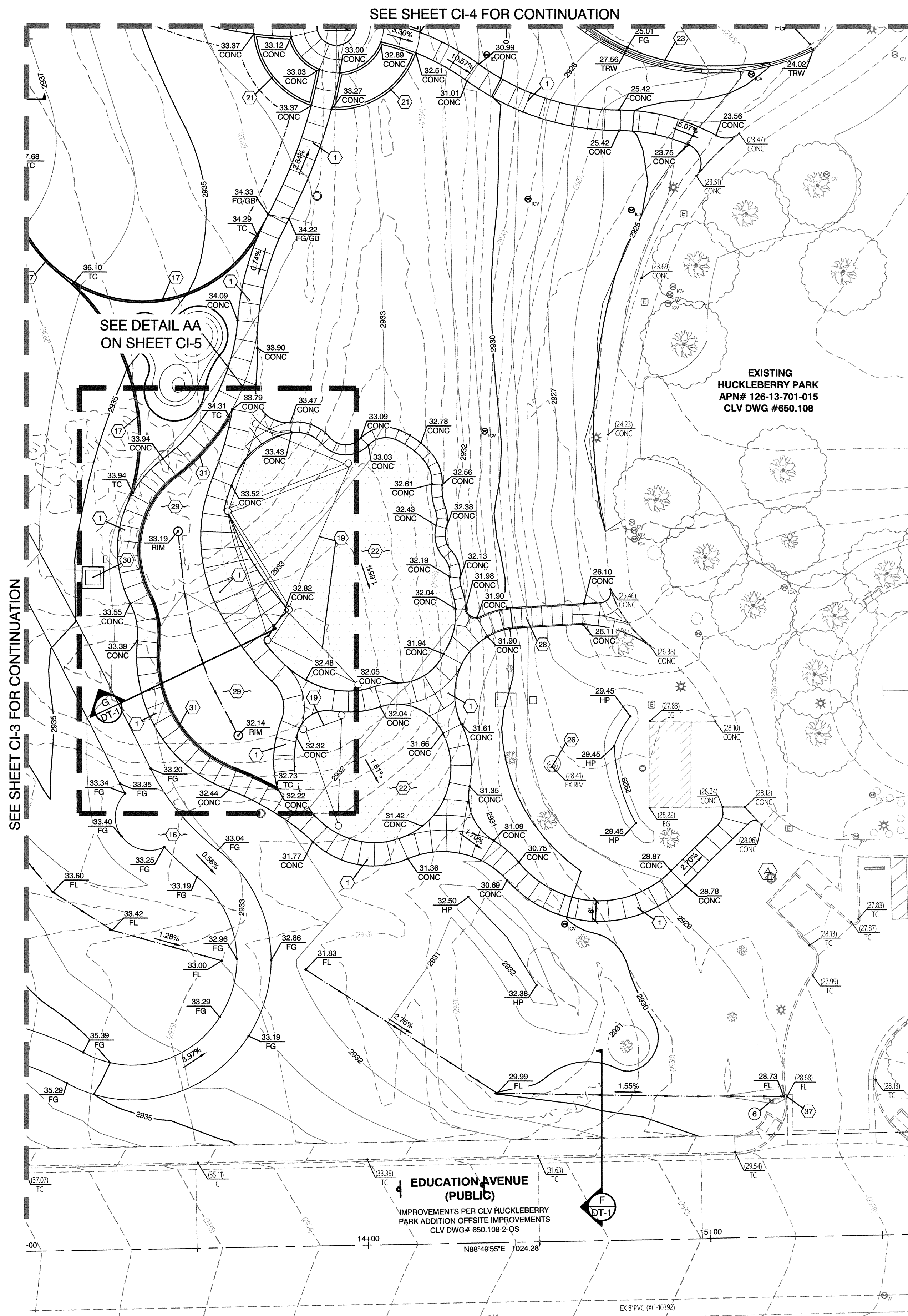
PREPARED BY
CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

PROFESSIONAL ENGINEER - STATE OF NEVADA
RANDY M. MCCONNELL
EXP. 12/31/2019
CIVIL
No. 016256
7/24/19

CONSTRUCTION PLAN 3

L19-00551

7/24/19 W:\P\GEO\PROJECTS\ENG\DESIGN\H111512\2\PRODUCTION\H11512A.DWG



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

LEGEND

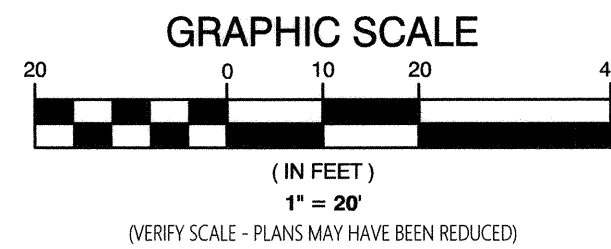
	AC PAVEMENT
	CONCRETE
	PLAY SURFACE
	DECOMPOSED GRANITE
	WASHED CRUSHED STONE #3

NOTES

- SEE ARCHITECTURAL PLANS (SHEET D1) FOR ALL ONSITE DEMOLITION AND REMOVAL.
- SEE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND IRRIGATION PLANS FOR ADDITIONAL CONSTRUCTION ITEMS.

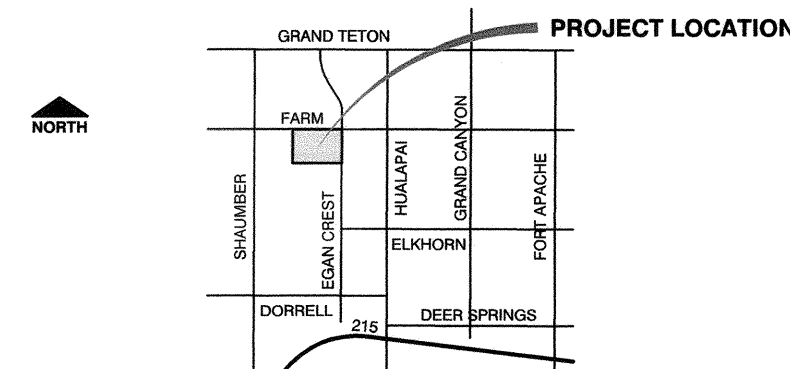
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VICINITY MAP

NOT TO SCALE



CONSTRUCTION NOTES

- CONSTRUCT 4" THICK CONCRETE SIDEWALK PER USD NO. 234
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- CONSTRUCT "A" TYPE CURB PER DETAIL 6 ON SHEET DT-2
- CONSTRUCT "A" TYPE CURB WITH 0" CURB FACE
- CONSTRUCT "A" CURB TRANSITION FROM 6" CURB FACE TO 0" CURB FACE PER DETAIL 4 ON SHEET DT-2
- RELOCATE EXISTING STREET LIGHT (SEE SHEET UT-1)
- TELEPHONE MANHOLE TO BE ADJUSTED TO GRADE BY CENTURY LINK (CONTRACTOR TO COORDINATE WITH BILLY RELPH OF CENTURY LINK AT OFFICE: 702-224-7130/CELL:702-553-8870 21 DAYS PRIOR TO WORK COMMENCING ADJACENT TO CENTURY LINK MANHOLE)
- REMOVE EXISTING TREE (SEE SHEET D1 IN ARCH. PLANS FOR PROTECTION OF EXISTING TREES NOT BEING REMOVED)
- REMOVE EXISTING IRRIGATION VALVE AND COMPONENTS OF ADJACENT TREES AND SHRUBS TO BE REMOVED (SEE ARCHITECTURAL AND IRRIGATION PLANS FOR IRRIGATION SLEEVING AND RE-ROUTING OF IRRIGATION LINES UNDER DRIVEWAY)
- REMOVE EXISTING SHRUB
- INSTALL 10" WIDE DECOMPOSED GRANITE TRAIL (SEE ARCHITECTURAL PLANS FOR COLOR AND DETAILS)
- CONSTRUCT 6" WIDE LANDSCAPE CURB (SEE SHEET A4.2 IN ARCH. PLANS FOR DETAIL)
- INSTALL 10" HIGH CHAIN LINK FENCE AROUND TENNIS COURT (SEE SHEET A3.2 IN ARCHITECTURAL PLANS FOR DETAILS)
- CONSTRUCT SHADE STRUCTURE (SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT TENNIS COURT (SEE SHEET A3.1 IN ARCHITECTURAL AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT PLANTER WALL (SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR DETAILS)
- INSTALL PLAYGROUND SAFETY SURFACE (SEE ARCHITECTURAL PLANS FOR DETAILS AND PLAYGROUND EQUIPMENT)
- CONSTRUCT RETAINING WALL (6' MAX. HEIGHT) WITH ATTACHED CHAIN LINK FENCE (SEE SHEET A2 IN ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT BOCCIE BALL COURT (SEE SHEET A4.1 IN ARCHITECTURAL PLANS FOR DETAILS)
- CONSTRUCT HORSESHOE PIT (SEE SHEET A4.1 IN ARCHITECTURAL PLANS FOR DETAILS)
- PROTECT EXIST MANHOLE IN PLACE - ADJUST TO FINISHED GRADE IF NECESSARY
- INSTALL DECOMPOSED GRANITE ROCK TO A 3" DEPTH COMPACTED TO 95% (SEE ARCHITECTURAL PLANS FOR COLOR AND DETAILS)
- CONSTRUCT CONCRETE STAIRS AND HANDRAIL (SEE SHEET A1.2 IN ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT WATER PLAY FEATURE PLAY AREA (SEE SHEET UT-1 FOR DRAINAGE CONNECTION TO SANITARY SEWER AND SHEET A1.2 IN ARCH. PLANS FOR CONSTRUCTION DETAILS)
- INSTALL WATER PLAY FEATURE EQUIPMENT CONTROLLER VAULT (SEE ARCH. PLANS FOR DETAILS)
- CONSTRUCT 8" CONCRETE CURB WITH HANDRAIL (SEE SHEET A1.2 IN ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR DETAILS)
- CONSTRUCT REINFORCED 6" THICK CONCRETE DRIVEWAY WITH LIGHT BROOM FINISH OVER 6" TYPE II BASE PER DETAIL 3 ON SHEET DT-2
- CONSTRUCT 6" HIGH BLOCK WALL (SEE SHEETS A5.1 AND A5.2 IN ARCH. PLANS FOR DETAILS)
- INSTALL GATES (SEE SHEET A5.1 IN ARCH PLANS FOR DETAILS)
- CONSTRUCT CONCRETE RETAINING WALL (SEE SHEET A3.2 IN ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR WALL DETAILS AND TAPER)
- INSTALL WASHED CRUSHED STONE #3 (1" TO 2") 1-1/2" NOMINAL TO A 3" DEPTH (SEE ARCHITECTURAL PLANS FOR DETAILS)
- SAWCUT 1' WIDE OPENING IN EXISTING CURB FOR SITE DRAINAGE
- SAWCUT AND REMOVE EXISTING AC PAVEMENT, MEDIAN ISLAND CURB AND LANDSCAPE
- CONTRACTOR TO LOCATE AND MODIFY EXISTING IRRIGATION SYSTEM WITHIN THE LIMITS OF THE MEDIAN ISLAND REMOVAL. CONTRACTOR TO VERIFY EXISTING WATER SOURCE. ALL EXISTING CONNECTIONS THAT MAY BE AFFECTED BY THE MODIFICATIONS SHALL BE RESTORED ORIGINAL OPERATING ORDER. CONTRACTOR IS REQUIRED TO KEEP ALL PLANTS/VEGETATION AFFECTED BY IRRIGATION SYSTEM MODIFICATION WATERED DURING CONSTRUCTION. ANY PLANTS/VEGETATION DAMAGED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR WITH LIKE KIND.
- REMOVE AND SALVAGE EXISTING SIGN (SEE SHEET UT-1 FOR RELOCATION)
- INSTALL AC PAVEMENT PER USD NO. 500.3 (MATCH EXISTING PAVEMENT SECTION - 4" AC PAVEMENT OVER 4.5" TYPE II BASE PER FARM ROAD IMPROVEMENT PLANS CLV DWG # 1074816-FRD)
- CONSTRUCT "A" TYPE ISLAND CURB PER USD NO. 216 & USD NO. 219.

PROTECT IN PLACE

- PROTECT IN PLACE EXISTING WATER METERS AND RPPAS
- PROTECT IN PLACE EXISTING ONSITE WATER PUMP AND POWER SOURCE
- PROTECT IN PLACE EXISTING ELECTRICAL TRANSFORMER/VAULT
- PROTECT IN PLACE EXISTING CENTURY LINK VAULT FACILITIES
- PROTECT IN PLACE EXISTING IRRIGATION FACILITIES
- PROTECT IN PLACE EXISTING SIGN

FLOOD CERTIFICATION

I CERTIFY THAT THIS CONSTRUCTION PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

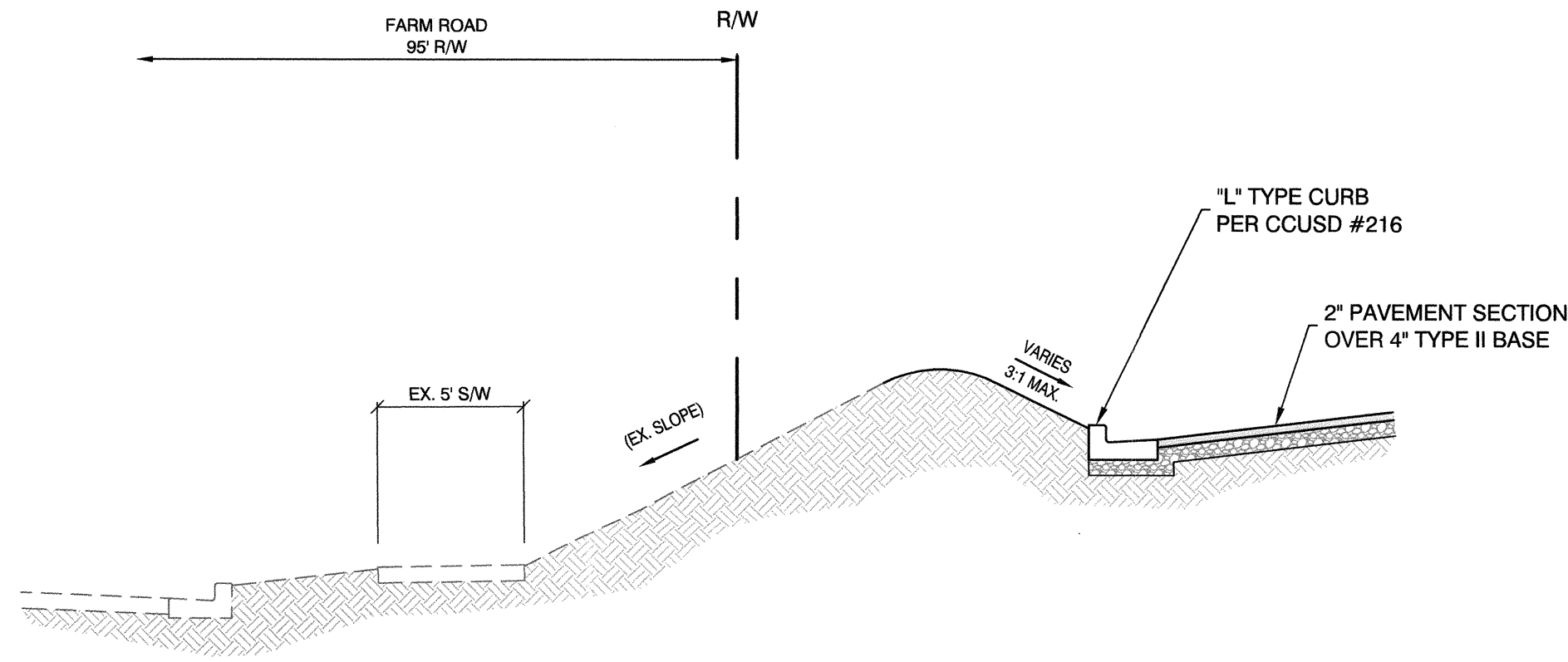
RANDY M. MCCONNELL
RANDY M. MCCONNELL, P.E. #16256

7/24/19
DATE

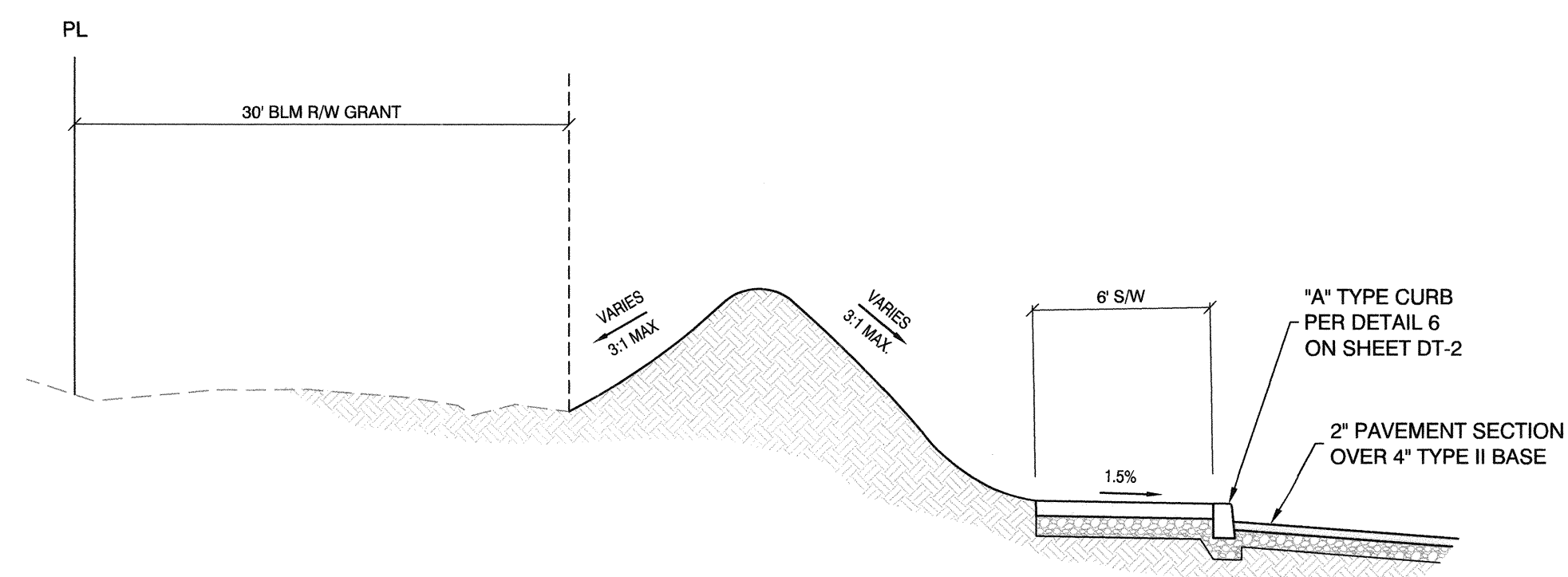
DEPARTMENT OF PUBLIC WORKS CAPITAL PROJECT MANAGEMENT			
PREPARED BY	DESIGNED BY	DRAWN BY	CHECKED BY
PROFESSIONAL ENGINEER - STATE OF NEVADA RANDY M. MCCONNELL EXP. 12/31/2018 CIVIL No 016256	MS	HS	RMM
TITLE	SHEET	SUBMITTAL STAGE: 100% FINAL	
HUCKLEBERRY PARK ADDITION	CONSTRUCTION PLAN 4		
CITY OF LAS VEGAS	DATE: DEC. 17, 2018	BID # ---	H # 71157
PROJECT NO. 136368	DESIGNED BY: MS	DRAWN BY: HS	CHECKED BY: RMM
APPROVED FOR	DATE: 8/2/19	DATE	
SHEET	CI-5	13 OF 16	DRAWING NO. 650.108-2

119-00551

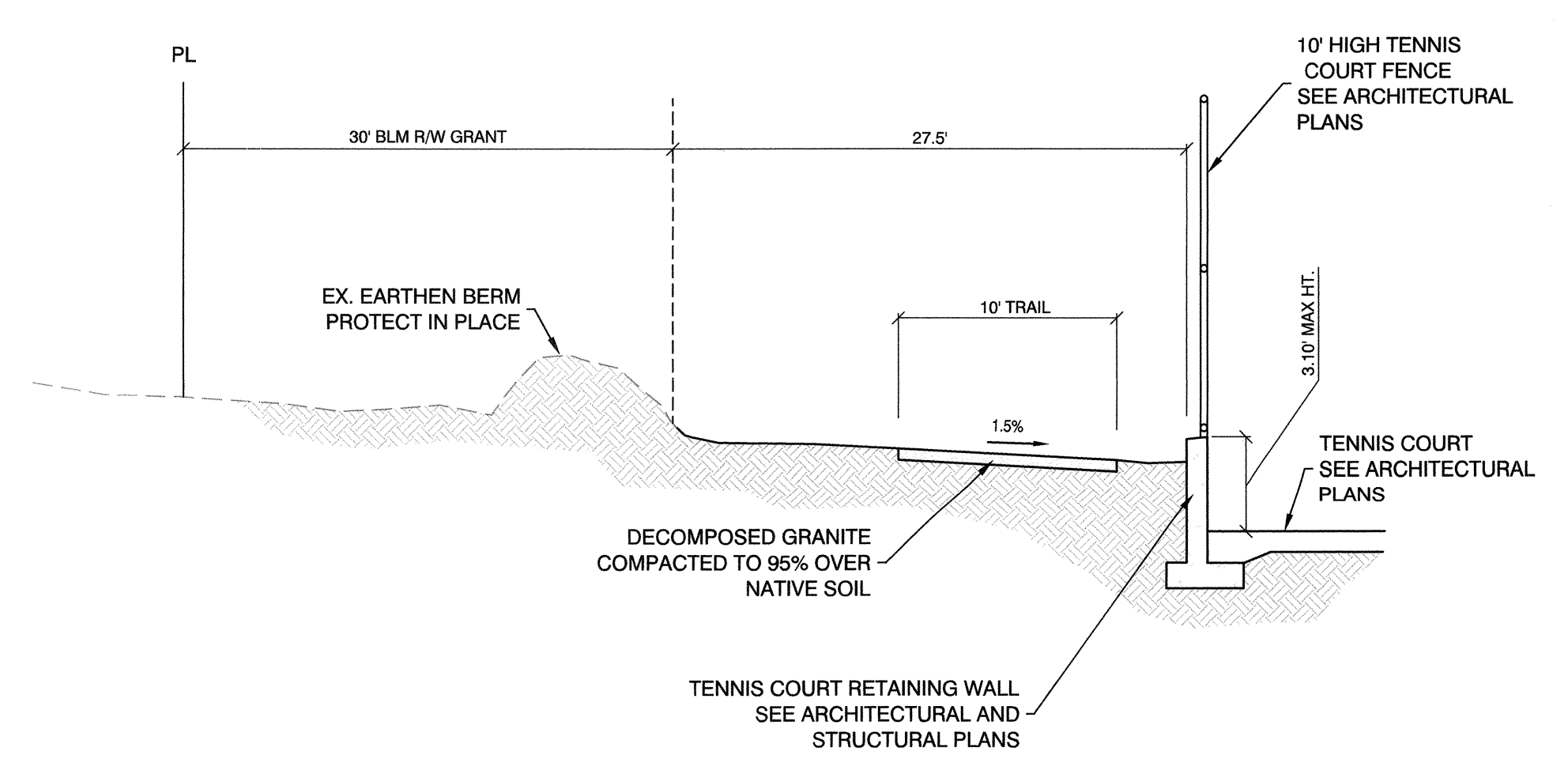
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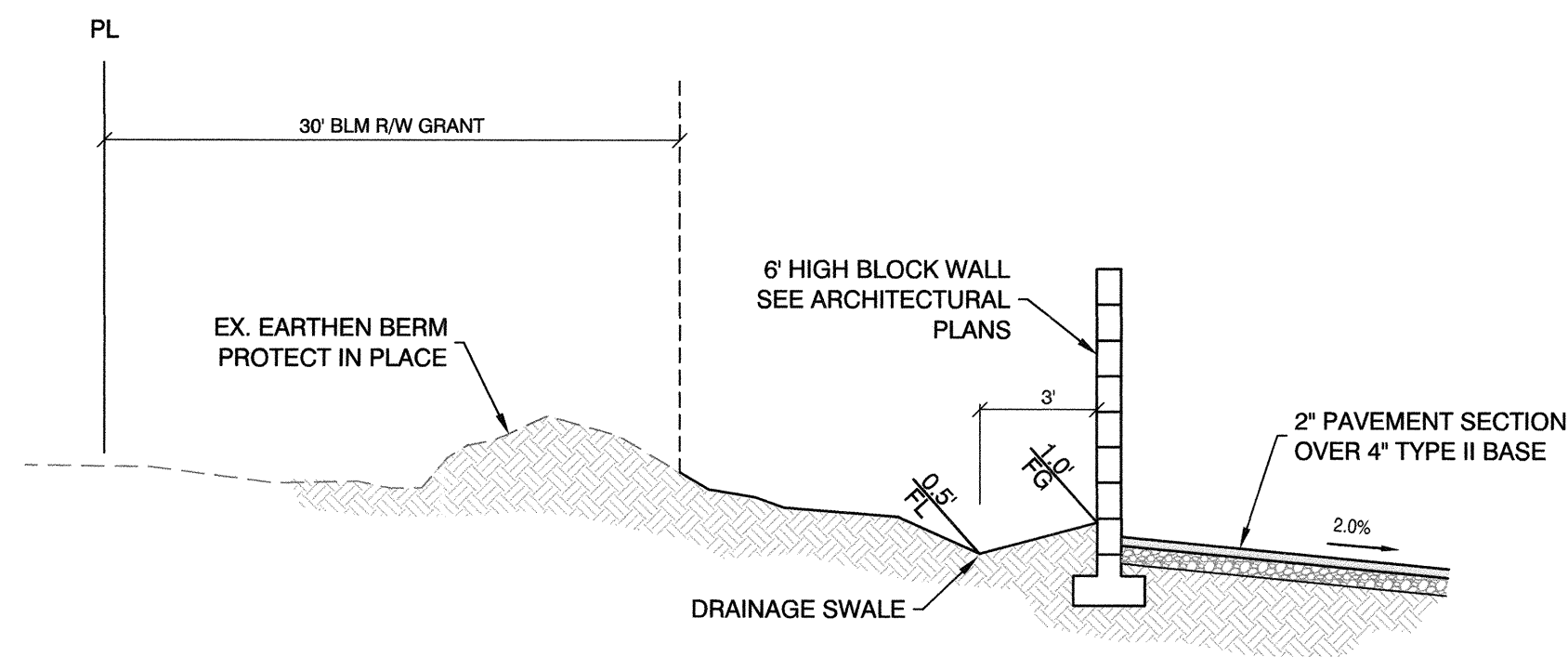
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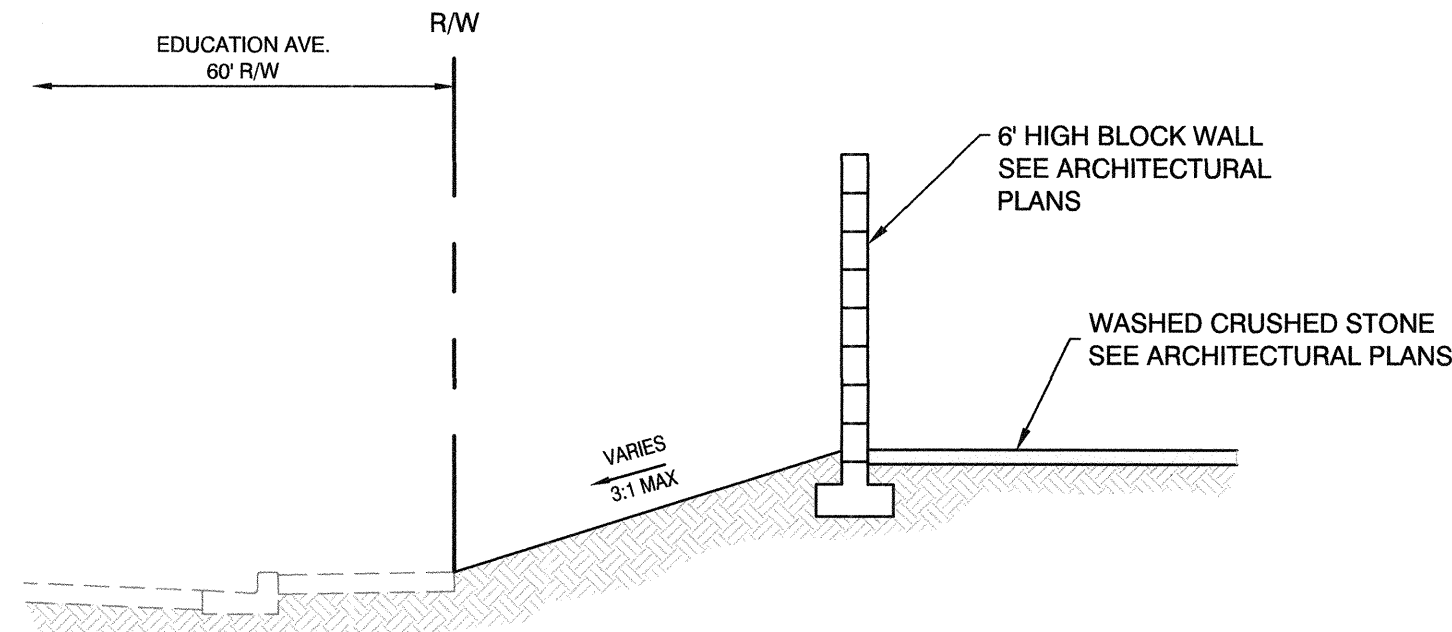
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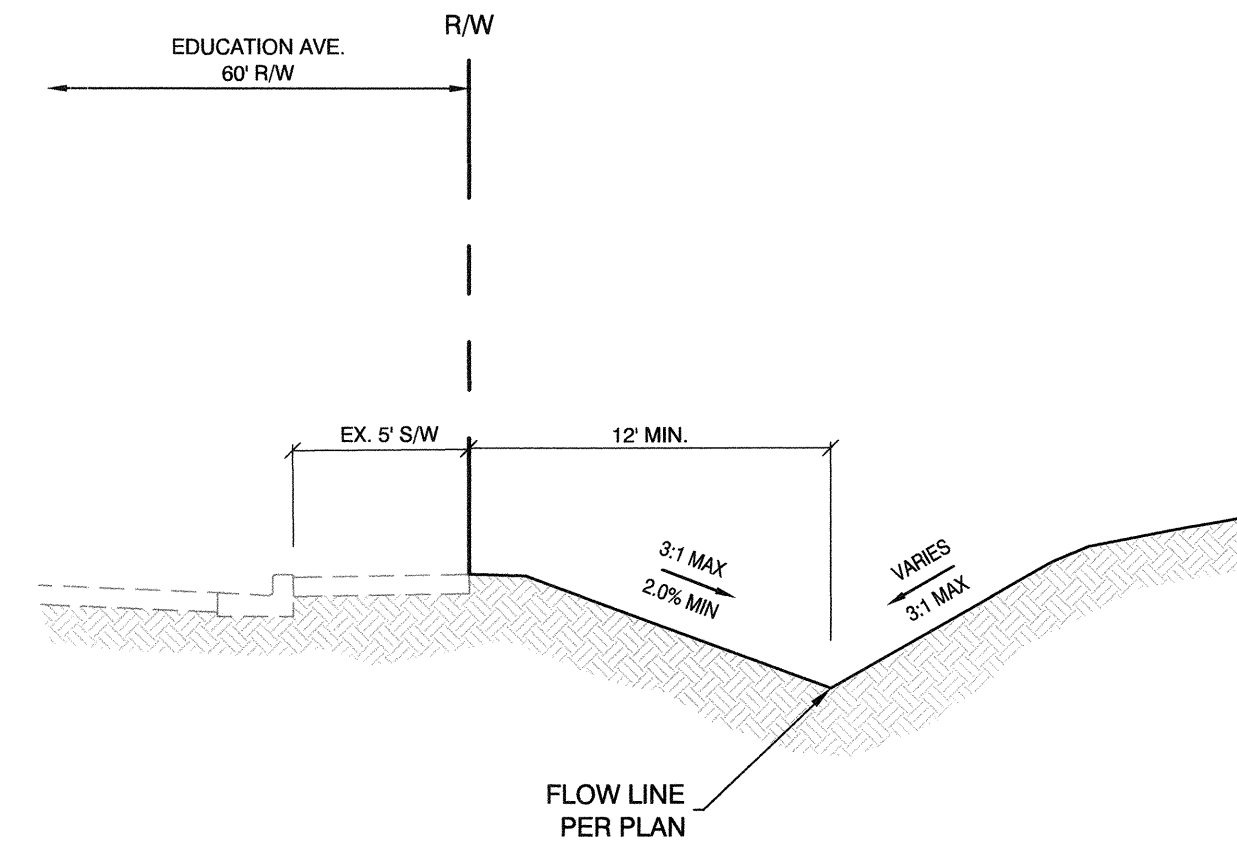
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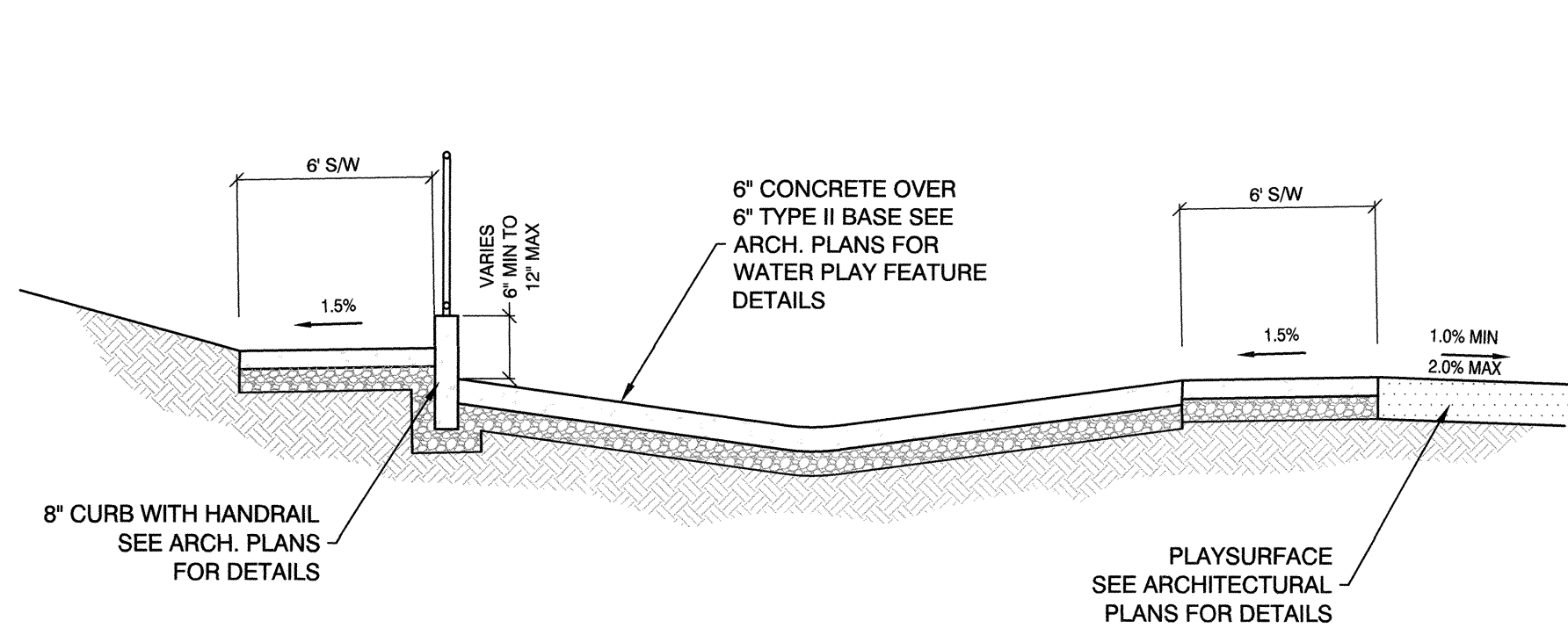
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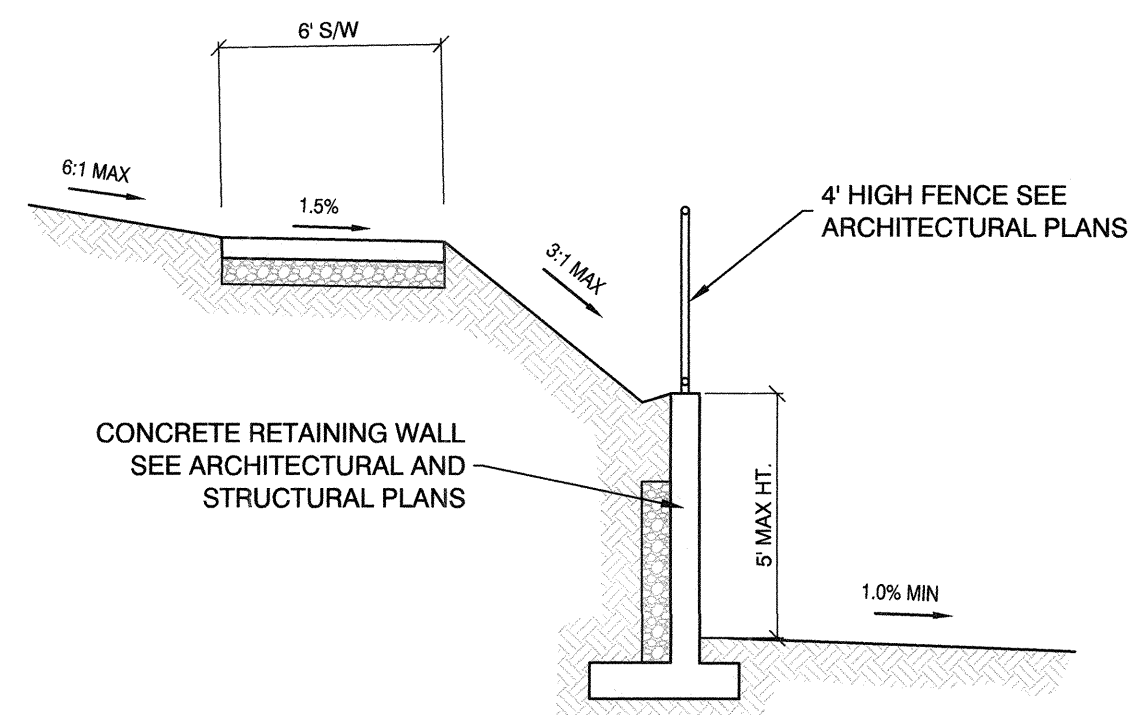
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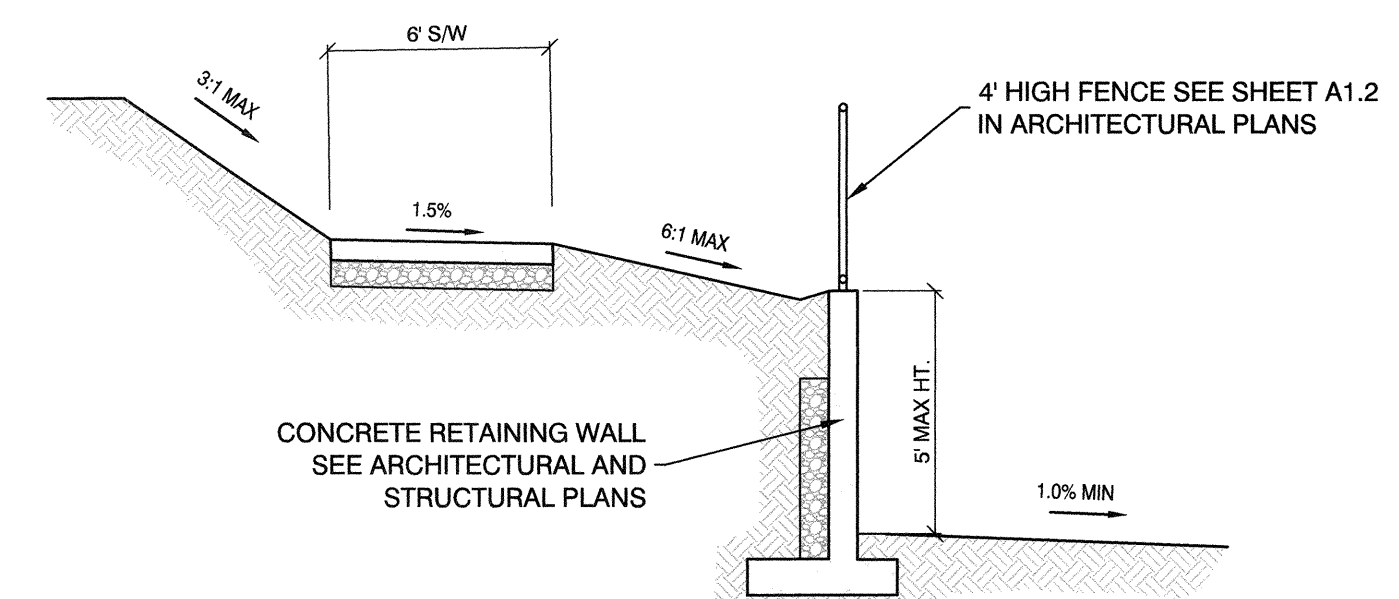
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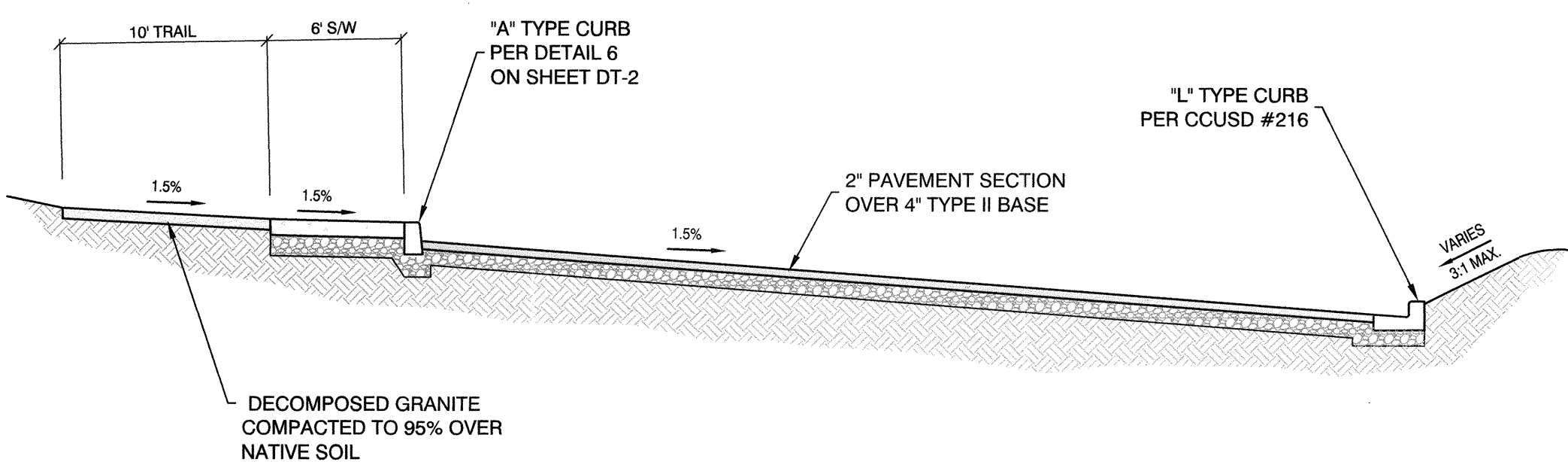
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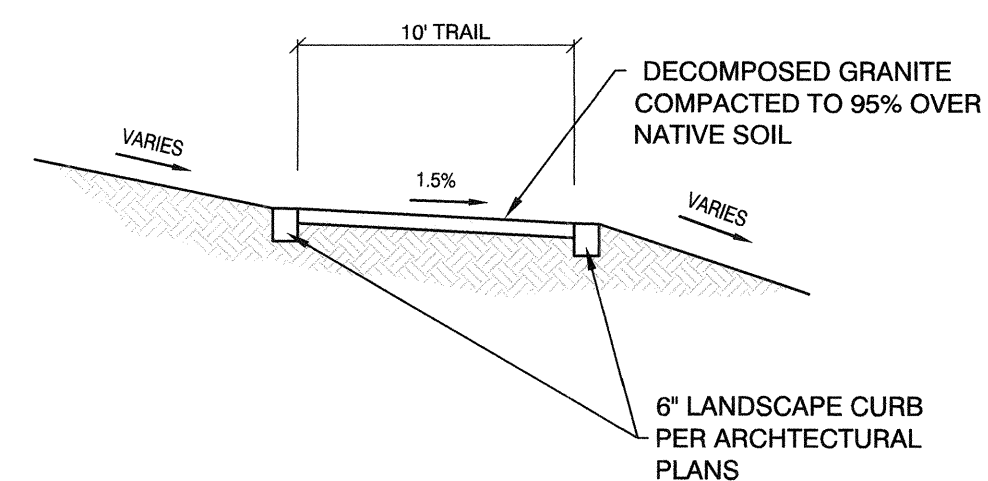
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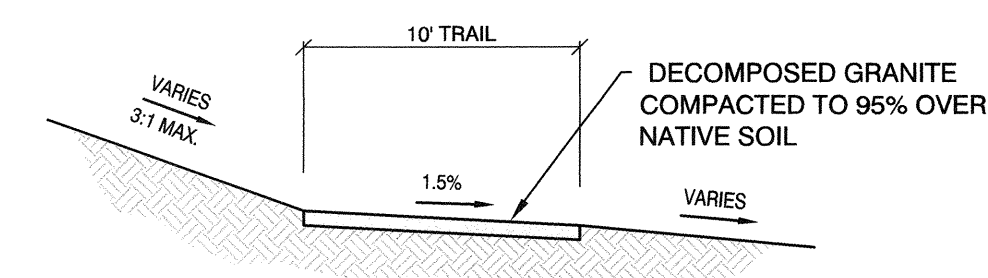
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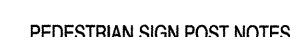
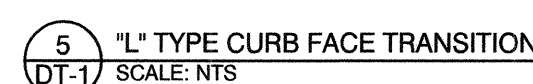
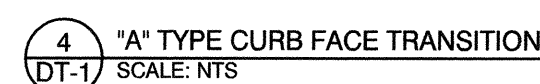
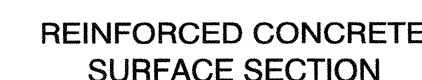
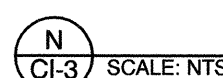
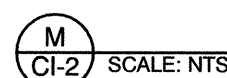
PREPARED BY
CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

PROFESSIONAL ENGINEER
RANDY M. MCCONNELL
EXP. 12/31/2018
CIVIL
No. 016256
7/24/19

TITLE
HUCKLEBERRY PARK ADDITION
SHEET
DETAIL SHEET 1

PREPARED FOR
CITY OF LAS VEGAS
DATE: DEC. 17, 2018
DESIGNED BY: MS
DRAWN BY: HS
CHECKED BY: RMM
SUBMITTAL STAGE: 100% FINAL
SHEET
DT-1
15 OF 16
DRAWING NO.
650.108-2

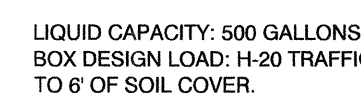
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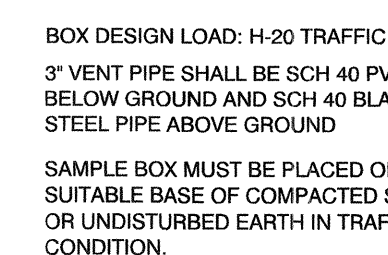
1. ALL COMPONENTS SHALL BE SQUARE POST, PERFORMED ON ALL FOUR SIDES.
2. ATTACH ANCHOR AND SLEEVE TOGETHER PRIOR TO DRIVING INTO GROUND. LEAVE AT LEAST ONE HOLE, BUT NO MORE THAN TWO, ABOVE GROUND OR ABOVE SIDEWALK.
3. FOR SIDEWALK INSTALLATION, DRILL SIDEWALK WITH A 3" HOLE. THE CENTER TO BE 6" FROM 3/8" OF SIDEWALK.
4. ATTACH POST TO ANCHORING SYSTEM BY USING AT LEAST TWO 3/8" DIA DRIVE RIVETS.
5. PROVIDE 4" MINIMUM LAP BETWEEN POST AND THE ANCHOR/SLEEVE ASSEMBLY.

- #### SIGNAGE SPECIFICATIONS:

1. ALUMINUM SIGNS (080).
2. MOUNT TOP EDGE OF SIGN AT 70" ABOVE FINISH GRADE. TYP.
3. ENGINEERED WHITE SHEETING BACKGROUND.
4. SILK-SCREEN APPLIED COLOR OVER BACKGROUND MATERIAL. (IN-RATING OF 7-8 ON THE DIN 16525 (WOOL SCALE) OR EQUIVALENT) BE ABLE TO WITHSTAND 375 DEGREES FAHRENHEIT (190 DEGREES CELSIUS) WITHOUT CHANGING COLOR. INKS SHALL BE FORMULATED USING UV STABILIZERS AND SHALL BE MATCHED WITH A TOLERANCE OF ± 0.1 GRAMS PER SQUARE METER.
5. PROVIDE UV INHIBITORS IN COLOR.
6. PROVIDE 3M SCOTCHLITE PROTECTIVE OVERLAY FILM SERIES 1150.



3/30/01
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10/19/05
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