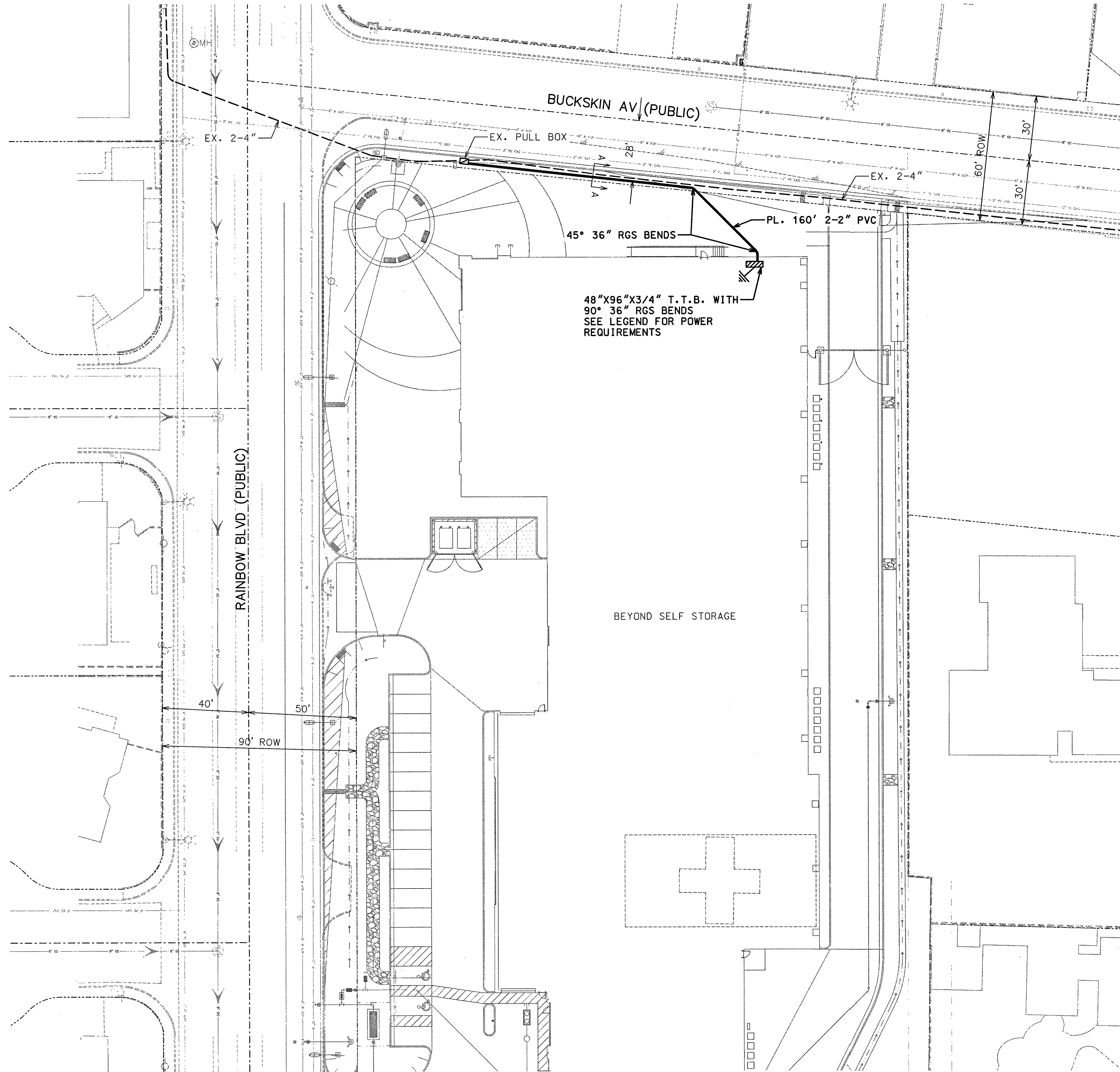
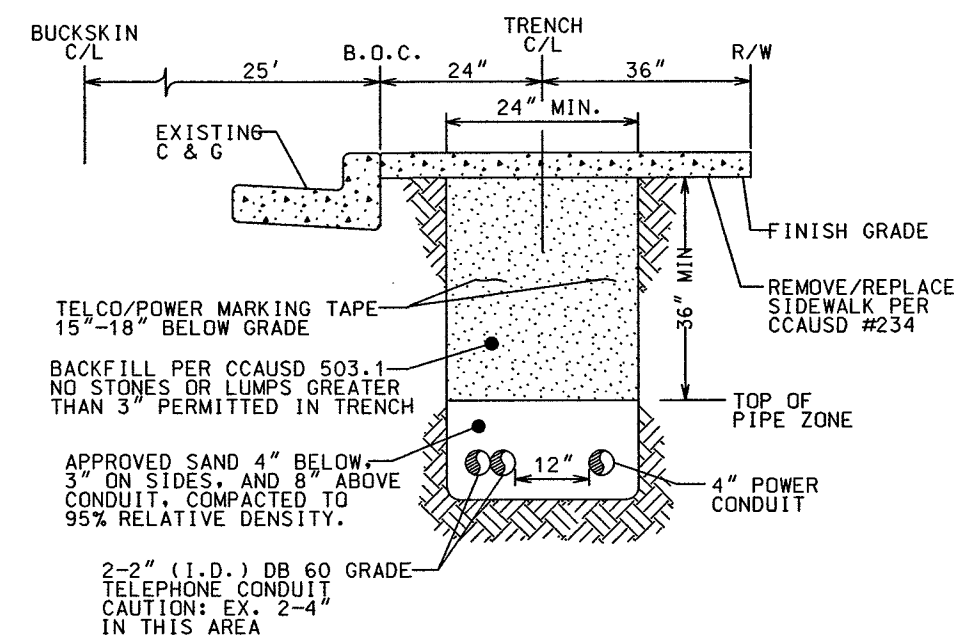




ESTIMATED QUANTITIES

160' 2-2" PVC (60-GRADE)
 4 - 45° 36" RGS BENDS
 2 - 90° 36" RGS BENDS
 1 - 48"X96"X3/4" T.T.B.

TRENCH DETAIL A-A
 CITY OF LAS VEGAS R/W - SIDEWALK AREAS
 (2-2" TELEPHONE CONDUIT IN JOINT TRENCH W/ POWER)



APPROVED FOR CONSTRUCTION
 THIS APPROVAL IS FOR WORK IN CLV
 R/W OR CLV EASEMENTS ONLY.
 OBTAINING PERMISSIONS
 OR EASEMENTS FOR WORK SHOWN ON
 PRIVATE PROPERTY IS THE RESPONSIBILITY
 OF THE UTILITY.

Shawn Butler
 APPROVAL DATE: 2/19/20

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE
 "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
 OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE, THE
 "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK
 COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED
 STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES
 AND ORDINANCES APPLICABLE.

SERVICE CANNOT BE PROVIDED WITHOUT
 APPROVED OPEN TRENCH AND FINAL
 INSPECTION BY A CENTURYLINK INSPECTOR.

- RTC SOUTHERN NEVADA NOTES:**
- FOR ASPHALT CUT AND RESTORATION REQUIREMENTS, SEE RTC UNIFORM STANDARD DRAWING SERIES 500.1, 500.2, 500.3, 500.4 AND 500.5
 - FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
 - FOR TYPICAL U.G. UTILITY LOCATIONS UNDER STREETS AND SIDEWALKS, SEE RTC UNIFORM STANDARD DRAWINGS 501 AND 501.1
 - FOR BACKFILL REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 503.1
 - SEE COMPLETE RTC UNIFORM STANDARD DRAWINGS FOR FURTHER AGENCY REQUIREMENTS

THIS DRAWING MAY SHOW APPROXIMATE LOCATIONS OF KNOWN UTILITIES IN THE IMMEDIATE VICINITY OF THE WORK TO BE DONE, BUT CENTURYLINK DOES NOT GUARANTEE OR ASSUME LIABILITY FOR THEIR POSITION OR DEPTH. CONTRACTORS SHALL DETERMINE TO THEIR SATISFACTION THE ACTUAL POSITION AND DEPTH OF EXISTING UTILITIES AS THEY WILL ASSUME THIS LIABILITY DURING THE PERFORMANCE OF THIS WORK.

LEGEND

PROPOSED CONDUIT: P.V.C. - D.B. (DIRECT BURIAL) GRADE: D.B. 60 FOR 1", 2", & 3" D.B. 100 FOR 4"

EXISTING CONDUIT

RADIAL BENDS: SCHEDULE 40 PVC (TYPICAL) OR RIGID GALVANIZED STEEL (RGS) WITH DOUBLE WRAPPED 10 MIL. CORROSION PROTECTION TAPE (AS SHOWN). 24" RADIUS FOR 1"; 36" RADIUS FOR 2"; 48" RADIUS FOR 3" & 4".

EXISTING PROPOSED

MANHOLE - INCLUDE REQUIRED GRADE RINGS, RACKING, GROUNDING, STEP RUNGS AND LADDER - REFER TO DRAWING FOR SIZE/TYPE.

400 PULL BOX (3'0" x 5'0" x 4'0" I.D.) - WITH TWO (2) HINGED ALUMINUM TORSION-ASSISTED TRAFFIC RATED LIDS MARKED "TELCO", GALVANIZED STEEL ADJUSTING FRAME, AND FOUR (4) 18 HOLE CABLE RACKS (2 EA. SIDE).

200 PULL BOX (2'6" x 4'0" x 4'0" I.D.) - WITH TWO (2) H-20-44 LOADING, NOT DIP GALVANIZED BOLT DOWN BEAM & PLATE TRAFFIC COVERS MARKED "TELCO" AND FOUR (4) 18 HOLE CABLE RACKS (2 EACH SIDE).

100 PULL BOX (2'0" x 3'0" x 3'0" I.D.) - WITH TWO (2) H-20-44 LOADING, NOT DIP GALVANIZED BOLT DOWN BEAM & PLATE TRAFFIC COVERS MARKED "TELCO" AND FOUR (4) 18 HOLE CABLE RACKS (2 EACH SIDE).

30 PULL BOX (1'7" x 3'0" x 3'0" I.D.) - P.C.C. TYPE PULL BOX (ES-30 or T-300C)

16 HAND HOLE (9" x 15" x 12" I.D.)

UNDERWRITER LABORATORY APPROVED, RAIN-TIGHT WITH A NON-LOCKING, SIDE-HINGED DOOR EQUIPPED INSIDE WITH A 3/4" PLYWOOD BACKBOARD (1" SMALLER ON ALL SIDES, CENTERED IN CABINET) SECURED WITH RECESSED MOUNTING HARDWARE AND A # 6 GROUND WIRE CONNECTED TO THE APPROVED COMMUNICATION GROUNDING SOURCE AND A 120V AT 20AMPS OUTLET WITHIN 6" AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR DEVELOPMENT. MOUNT CABINET AT EYE LEVEL & MINIMUM OF 4" ABOVE FINISH GRADE.

TELEPHONE TERMINAL BACKBOARD (T.T.B.) - SEE PLAN FOR SIZE REQUIREMENTS: 3/4" PLYWOOD BACKBOARD TREATED WITH FIRE RETARDANT PAINT OR SEALER AND A # 6 GROUND WIRE CONNECTED TO THE APPROVED COMMUNICATION GROUNDING SOURCE AND A 120V AT 20AMPS OUTLET WITHIN 6" AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR DEVELOPMENT. BACKBOARDS SMALLER THAN 4'x8" (I.E. 2' x 2' & 4' x 4') SHOULD BE MOUNTED 40" ABOVE THE FLOOR.

VICINITY MAP
 T-R-S: 20S-60E-11

POLYETHYLENE DUCT PLUG(S)
 SELECT BACKFILL
 FINISHED GRADE
 CENTURYLINK MARKING TAPE
 PVC CONDUIT
 TRENCH SAND OR CONCRETE AS SPECIFIED PER JOB DRAWING.
 CENTURYLINK owned conduit
 2-4" Rigid Galvanized Steel, 48" radius riser bends with double wrapped, 10 mil corrosion protective tape or 2-4" Sch. 40 PVC conduit. (See plan for type)

RISER DETAIL (TYPICAL)

CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE CENTURYLINK UNDERGROUND SPECIFICATIONS.
- ALL CONDUIT, TRENCHING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE DEVELOPER AND CONFORM WITH CENTURYLINK STANDARDS. ALL BACKFILLING AND RESTORATION WORK SHALL CONFORM TO THE REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA (RTC) UNIFORM STANDARD DRAWINGS.
- WHEN EXISTING TELEPHONE FACILITIES (I.E. POLES, MANHOLES, PULL BOXES, CONDUIT, TERMINALS, ETC.) ARE AFFECTED BY IMPROVEMENTS AS REQUIRED BY LOCAL ORDINANCE (I.E. STREETS, SIDEWALKS, CUTTERS, SEWERS, STORM DRAINS ETC.), THE DEVELOPER SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF THESE FACILITIES AS REQUIRED.
- TELEPHONE BOXES ARE TO BE PLACED BEHIND THE CURB LINE AND/OR IN THE SIDEWALK AREA WHENEVER POSSIBLE AND SITUATED TO AVOID DRIVEWAYS AND HANDICAP RAMPS. ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN 36" COVER FROM FINAL GRADES TO TOP OF PIPE (EXCEPT WHEN ENTERING TELEPHONE BOXES). MAINTAIN 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. BOXES WILL BE ESTABLISHED TO FINISH GRADE.
- ALL PULL BOXES (2'-0" x 3'-0" AND LARGER) AND MANHOLES ARE TO BE GROUNDING WITH A 3/8" x 1/16" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3' ENDS STUBBED INSIDE.
- ALL TELEPHONE BOXES NOT IN SIDEWALK AREAS WILL BE REQUIRED TO HAVE A PROTECTIVE CONCRETE COLLAR, RE-ENFORCED WITH REBAR, POURED AROUND THE TOP PORTION OF THE BOX PER CENTURYLINK SPECIFICATIONS.
- USE EXISTING PRECAST TERMINATORS TO JOIN SUBSTRUCTURES WHENEVER POSSIBLE. IF EXISTING TERMINATORS ARE NOT AVAILABLE THEN THE CONTRACTOR SHALL CORE DRILL, PLACE END BELLS AND PROPERLY GROUT THE CONDUIT INTO THE PRE-DETERMINED LOCATION. CONTACT THE CENTURYLINK INSPECTOR AT 244-7811, 24 HOURS IN ADVANCE TO DETERMINE THE EXACT ENTRANCE LOCATION. ENTERING THE SIDE OF A CENTURYLINK MANHOLE OR PULL BOX IS NOT PERMITTED UNLESS APPROVED BY CENTURYLINK.
- WHEN A PULL BOX OR MANHOLE IS SITUATED WITHIN 50' OF A POWER TRANSFORMER, THE DEVELOPER/ CONTRACTOR SHALL PROVIDE AND INSTALL A #6 AWG STRANDED COPPER WIRE WITH GREEN PVC INSULATION FROM THE PULL BOX OR MANHOLE TO THE POWER TRANSFORMER (EXCLUDING 30 BOXES AND SMALLER). LEAVE A 4 FOOT TAILING END INSIDE THE SUBSTRUCTURE AND INCLUDE ALL CLAMPS NECESSARY TO FASTEN THE GROUNDING WIRE TO THE TRANSFORMER GROUND ROD OR COUNTERPOISE. THE GROUND WIRE SHALL ENTER THE SUBSTRUCTURE THROUGH THE 1" PVC GROUND SLEEVE.
- WHEN JOINING EXISTING STUB-OUTS, THE LOCATION AND VALIDITY OF THE STUB-OUTS ARE ASSUMED AND BASED OFF RECORDS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING CONDUIT STUB-OUT. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, PROVE AND PLACE PULL STRING IN THE EXISTING CONDUIT AS PART OF CONNECTING TO THE STUB FOR EXTENSION TO THIS PRODUCT. IF THE EXISTING CONDUIT CANNOT BE IDENTIFIED AS BEING DAMAGED, THEN THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR THE DUCTS WHERE DAMAGED OR INSTALL NEW CONDUIT BACK TO THE EXISTING TRUE POINT OF RE-ENFORCABLE SERVICE (I.E. POLE, MANHOLE OR PULL BOX) AT THE DEVELOPERS EXPENSE.
- THE CONTRACTOR SHALL PROVE AND MANDREL ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANDREL SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF WATER PROOF, 400 POUND TENSILE STRENGTH, MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCT OF ALL CONDUIT SECTIONS. ALL OTHER DUCTS IN A MULTIPLE DUCT SYSTEM WILL HAVE A 3/32" JET LINE PULL STRING WITH 400 POUND TENSILE STRENGTH.
- A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
- CONCRETE ENCASEMENTS SHALL CONSIST OF 3/4" AGGREGATE, TYPE V, PORTLAND CEMENT CONCRETE. THE ENCASEMENT SHALL BE A MINIMUM OF 2" BETWEEN THE CONDUIT AND A MINIMUM OF 3" ON THE TOP, BOTTOM AND SIDES OF THE DUCT BANK.
- PROTECTIVE POSTS SHALL BE 4" RIGID STEEL PIPE, SIX FEET IN LENGTH, FILLED AND SET IN CONCRETE AT LOCATIONS SHOWN. THE TOP OF THE PROTECTIVE POST SHALL BE 36 INCHES ABOVE THE PROPOSED FINISHED GRADE AND PAINTED WITH YELLOW STREET MARKING PAINT.
- PLYWOOD BACKBOARDS ARE TO BE TREATED WITH FIRE RETARDANT MATERIAL, PAINT, OR SEALER.
- ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A #6 GAUGE GROUND WIRE, RUN TO AN APPROVED GROUND SOURCE.
- IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR THIS PROJECT, IT IS IMPERATIVE THAT THIS CONDUIT RECOMMENDATION NOT BE CHANGED WITHOUT CENTURYLINK OUTSIDE PLANT ENGINEERING APPROVAL.
- CENTURYLINK WILL REQUIRE "AS-BUILT" FOOTAGES PRIOR TO ORDERING CABLE TO SERVE THIS DEVELOPMENT. THESE FOOTAGES MUST BE RECEIVED SIX WEEKS PRIOR TO SERVICE INSTALLATION DUE DATES.
- CALL 244-7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY.

CONTRACTOR / DEVELOPER NOTE

- THE DEVELOPER/CONTRACTOR SHALL CALL 244-7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY.
- ANY MODIFICATIONS TO THE CENTURYLINK DESIGN MUST BE APPROVED BY THE ENGINEER.
- THESE PLANS WILL BE VALID FOR SIX MONTHS FROM DATE OF ISSUE.

CITY OF LAS VEGAS PERMIT REQUIRED *		PROJECT REQUIREMENTS:		OWNER/CONTACT: MARK SOKOLOWSKI	
DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY		NOT PERMIT: ☐		TELEPHONE: 702-786-1843	
*CENTURYLINK INSPECTOR WILL VERIFY CITY PERMIT FOR WORK DONE WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY		BLM GRANT: ☐		TOWNSHIP: 20S	
INSPECTOR: DATE:		BOK GRANT: ☐		RANGE: 60E	
		U.S.F.S.: ☐		SECTION: 11	
		U.P.R.R. PERMIT: ☐		CONTRACT ENGINEER: S. PEREZ	
		3RD PARTY PERMIT: ☐		COMMUNITY NAME:	
		OTHER: ☒		NO. CLK:	
		REMARKS:		OUTSOURCE, INC.	

NO.	REVISION	ENGR.	MGR.	DATE
1				
2				
3				

CenturyLink

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

FILE: UNDERGROUND CONDUIT
 REQUIREMENT for: 702-244-7899
 BEYOND SELF STORAGE
 3340 RAINBOW BLVD
 SCALE: 1"= 30'
 SHEET NO: 1 of 1

DATE: 12/10/19

811
 Know what's below.
 Call before you dig.

CIVIL IMPROVEMENT PLANS FOR BEYOND SELF-STORAGE AT RAINBOW BLVD & BUCKSKIN AVE

APN: 138-11-401-001
CITY OF LAS VEGAS, NEVADA

INDEX		
NUMBER	TITLE	NAME
1	COVER SHEET	C0.1
2	GENERAL NOTES	C0.2
3	MASTER LEGEND AND QUANTITIES	C0.3
4	HORIZONTAL, FIRE AND TRAFFIC CONTROL PLAN	C1.0
5	GRADING PLAN	C2.0
6	GRADING PLAN ENLARGED DETAILS	C2.1
7	PLAN & PROFILE BUCKSKIN AVE	C3.1
8	UTILITY PLAN	C4.0
9	UTILITY DETAILS	C4.1
10	TYPICAL CROSS SECTIONS	C5.1
11	TYPICAL DETAILS	C5.2
12	LANDSCAPE COVER	L1.0
13	LANDSCAPE PLAN	L1.1
14	LANDSCAPE DETAILS	L1.2
15	IRRIGATION PLAN	L2.1
16	IRRIGATION DETAILS	L2.2
17-19	NV ENERGY PLAN	-
19	COX COMMUNICATION PLAN	-
20	CENTURYLINK PLAN	-

LANDSCAPE PLANS, SHEETS 12 THRU 16
(L1.0 - L 2.2) ARE FOR REFERENCE
ONLY AND ARE NOT A PART OF THE
CIVIL PERMIT SET.

NOTE: ANY NV ENERGY, COX COMMUNICATIONS, OR CENTURYLINK
PLANS PREPARED BY KIMLEY-HORN ARE INCLUDED FOR
REFERENCE ONLY. KIMLEY-HORN ACCEPTS NO LIABILITY FOR THE
INFORMATION SHOWN ON THESE PLANS PREPARED BY OTHERS.

PROJECT CONTACTS

DEVELOPER: **BSS NORTH RAINBOW**
NORTHPOINT DEVELOPMENT
4825 NW 41ST STREET, SUITE 500
RIVERSIDE, MO 64150

CONTACT: JOHNNY SWEENEY
(816) 381-2901

CIVIL ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
6671 LAS VEGAS BOULEVARD SOUTH, SUITE 320
LAS VEGAS, NEVADA 89119

CONTACT: MARIANNA HUNNICUTT, PE
(702) 862-3631

OWNER:
BSS NORTH RAINBOW BOULEVARD LLC
4825 NW 41ST STREET, SUITE 500
RIVERSIDE, MO 64150

CONTACT: NORTHPOINT DEVELOPMENT
(816) 888-7380

PROJECT INFORMATION

NUMBER OF LOTS: 1 (EXISTING), 1 (PROPOSED)

ACREAGE: ±2.86 ACRES

ZONING: LIMITED COMMERCIAL DISTRICT (C-1)

ENTITLEMENTS: GPA-75109, ZON-75110, VAR-75111, SUP-75112, SDR-75114

DRAINAGE STUDY: DS5119

FLOOD ZONE NOTE

SUBJECT PROPERTY IS LOCATED IN "ZONE X" DEFINED AS: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. PER FEMA FLOOD INSURANCE RATE MAP NO. 32003C2155F, MAP REVISED NOVEMBER 16, 2011

BENCHMARK

CITY OF LAS VEGAS BENCHMARK - 1LV0011SWW6 - BEGIN A RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF RAINBOW BOULEVARD AND BUCKSKIN ROAD. ELEVATION 701.09 METERS - 2,300.16 U.S. FEET NAVD88

BASIS OF BEARING

NORTH 00°00'51" WEST, BEING THE CENTERLINE BEARING OF RAINBOW BOULEVARD AS SHOWN ON MAP THEREOF ON FILE IN FILE 207 OF SURVEYS, PAGE 49, CLARK COUNTY OFFICIAL RECORDS.

UTILITY NOTE

KIMLEY-HORN AND ASSOCIATES TAKES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN HEREIN. THE EXISTING UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY OTHER PARTIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND VERIFY THE LOCATIONS AND INVERTS OF THE EXISTING UTILITIES WITHIN THE VICINITY OF CONSTRUCTION ACTIVITIES. IF A CONFLICT IS FOUND TO EXIST, THE CONTRACTOR SHALL COORDINATE THE PROJECT ENGINEER, PROJECT ARCHITECT, AND THE OWNER IMMEDIATELY.

LEGAL DESCRIPTION

PER FIDELITY NATIONAL TITLE GROUP ORDER NO. 181756F DATED SEPTEMBER 4, 2018 AT 7:30 A.M.

THE WEST HALF (W1/2) OF THE NORTHWEST QUARTER (NW1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.B.

TOGETHER WITH THAT PORTION OF LOT ONE (1) OF PARCEL MAP ON FILE IN FILE 3, PAGE 7, IN THE OFFICE OF THE COUNTY RECORDER OF CLARK COUNTY, NEVADA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF SAID LOT ONE (1), THENCE SOUTH 84°07'33"EAST, A DISTANCE OF 10.54 FEET; THENCE SOUTH 00°47'07"WEST, A DISTANCE OF 96.96 FEET; THENCE NORTH 87°15'21"WEST, A DISTANCE OF 9.19 FEET; THENCE NORTH 00°00'23"EAST, A DISTANCE OF 97.59 FEET TO THE POINT OF BEGINNING.

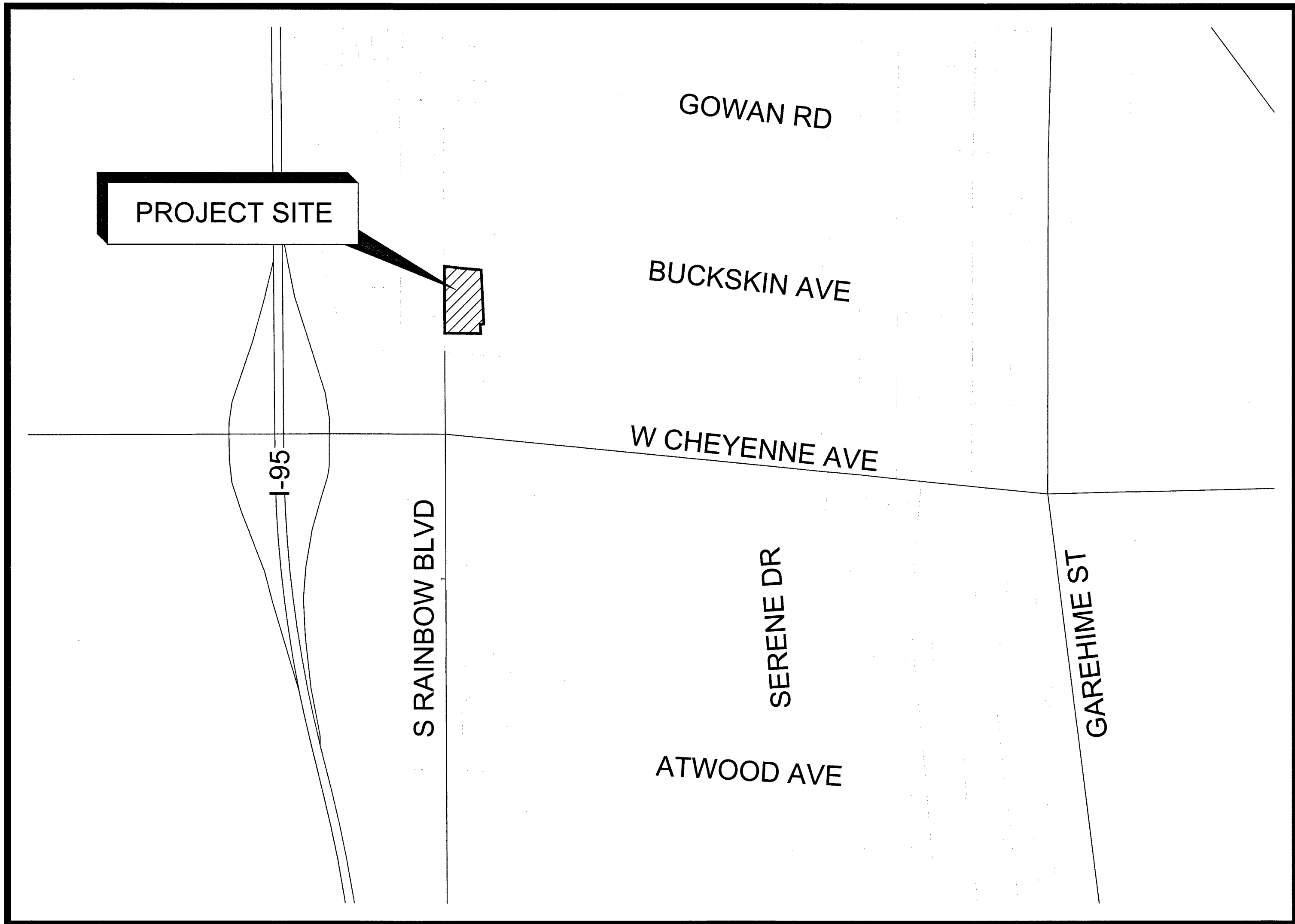
EXCEPTING THEREFROM THE INTEREST IN AND TO THE SOUTHERLY THIRTY (30) FEET, THE WESTERLY FIFTY (50) FEET AND THE NORTHERLY THIRTY (30) FEET THEREOF AS CONVEYED TO CLARK COUNTY FOR STREET, ROAD AND INCIDENTAL PURPOSES BY DEEDS RECORDED APRIL 28, 1955 AS DOCUMENT NO. 45124 AND MARCH 20, 1957 AS DOCUMENT NO. 101780.

EXCEPTING THEREFROM THAT PARCEL OF LAND CONVEYED TO DAVID M. KENT, ET UX, BY DEED RECORDED MARCH 12, 1976 AS INSTRUMENT NO. 561989.

EXCEPTING THEREFROM THAT PORTION CONVEYED TO DAVID M. KENT AND BARBARA H. KENT, HUSBAND AND WIFE, AS JOINT TENANTS IN DEED RECORDED NOVEMBER 8, 1990 IN BOOK 901108 AS DOCUMENT NO. 00754 AND RE-RECORDED MARCH 8, 1991 IN BOOK 910308 AS DOCUMENT NO. 00111, OFFICIAL RECORDS, CLARK COUNTY, NEVADA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SAID SOUTHWEST QUARTER (SW 1/4) OF THE NORTHWEST QUARTER (NW1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF SAID SECTION 11, THENCE SOUTH 00°00'23"WEST ON THE EAST LINE THEREOF, A DISTANCE OF 97.59 FEET TO THE TRUE POINT OF BEGINNING; THENCE NORTH 87°15'21"WEST, A DISTANCE OF 22.29 FEET; THENCE SOUTH 01°29'50"WEST, A DISTANCE OF 62.49 FEET; THENCE SOUTH 46°41'42"EAST, A DISTANCE OF 5.54 FEET; THENCE SOUTH 89°12'56"EAST, A DISTANCE OF 19.86 FEET; THENCE NORTH 00°00'23"EAST, A DISTANCE OF 65.47 FEET TO THE TRUE POINT OF BEGINNING.

NOTE: THE ABOVE REFERENCED LEGAL DESCRIPTION APPEARED PREVIOUSLY IN A GRANT, BARGAIN, SALE DEED RECORDED FEBRUARY 17, 1999 IN BOOK 990217 AS INSTRUMENT NO. 00314 AND RE



PROJECT VICINITY
NTS

GEOTECHNICAL NOTE

ALL GRADING AND PAVEMENT SECTIONS SHALL CONFORM TO THE GEOTECHNICAL REPORT:

ENGINEER: NOVA GEOTECHNICAL & INSPECTION SERVICES, LLC
REPORT DATED: NOVEMBER 5, 2018
ADDENDUM DATED: JUNE 7, 2019
PROJECT No.: G-18-200

EARTHWORKS QUANTITIES

NOTE: THESE QUANTITIES ARE APPROXIMATE RAW VOLUMES AND ARE USED FOR BONDING PURPOSES ONLY. OVEREXCAVATION, SUBSIDENCE, SHRINKAGE & BULKING FACTORS ARE NOT TAKEN INTO ACCOUNT.

CUT = 670 C.Y.
FILL = 7,725 C.Y.

APPROVALS

CITY OF LAS VEGAS

"APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHTS-OF-WAY AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIFICALLY LISTED UNDER "DEVIATIONS FROM STANDARDS". THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN "DEVIATIONS FROM STANDARDS" IN FAVOR OF THE SUMMERLIN IMPROVEMENT STANDARDS AND SPECIFICATIONS CLARK COUNTY AREA NEVADA."

Steven Park
STEVEN PARK, PE #12115
CITY ENGINEER
CITY OF LAS VEGAS, NEVADA
2/18/2020
DATE

[Signature]
CITY OF LAS VEGAS DEPARTMENT OF PLANNING
THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT
02/13/20
DATE

[Signature]
CITY OF LAS VEGAS FIRE DEPT.
1-28-20
DATE

Ryan Stemmik
RYAN STEMMIK
SOUTHWEST GAS CORPORATION
2/13/2020
DATE

Babara Garrison
BABARA GARRISON
NV ENERGY
11-12-19
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.

Maria Kay Truen
MARIA KAY TRUEN
CENTRAL TELEPHONE COMPANY, d/b/a CENTURY LINK*
11/2/19
DATE

* THE AFFIXED CENTRAL TELEPHONE COMPANY, d/b/a CENTURY LINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTIONS OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

Cole Kays
COLE KAYS
COX COMMUNICATIONS LAS VEGAS, INC.
11/12/19
DATE

[Signature]
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136822 FIRST APPROVED DATE: 2/4/2020
LVWVD APPROVED FIRE FLOW: TOTAL: 4,000 GPM/ONSITE 1,000 GPM
SHEETS: C0.1, C0.2, C0.3, C2.1, C4.0, & C4.1, C0.1



Kimley»Horn
© 2018 KIMLEY-HORN AND ASSOCIATES, INC.
6671 LAS VEGAS BOULEVARD, SUITE 320, LAS VEGAS, NV 89119
PHONE: 702-862-3600
WWW.KIMLEY-HORN.COM



KHA PROJECT 192016003
DATE 11/9/19
SCALE AS SHOWN
DESIGNED BY MK
DRAWN BY PB
CHECKED BY MH/JB

COVER SHEET

L19-01255
107V7883

BEYOND SELF-STORAGE
AT RAINBOW BLVD &
BUCKSKIN AVE
PREPARED FOR
NORTHPOINT DEVELOPMENT
LAS VEGAS

1 OF 16 SHEETS
C0.1

- REVISÉ 06/04/2018

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 THROUGH GRASS AND SLOPE.
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 CAUSE OF THE EXCAVATION.
4. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
5. 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.
6. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

A. PAVEMENT AREA SUBGRADE	HORIZONTAL 0.1"	VERTICAL +0.01' TO -0.1'	COMPACTION SEE SOIL REPORT
B. ENGINEERED FILL	0.5"	+0.1' TO -0.1'	SEE SOIL REPORT
7. COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.
8. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
9. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INVOLVING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
10. 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. THE ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
11. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DISCRETION OF THE ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMES, ROAD SIGNS AND BARRICADES, ETC.

REVISÉ 04/15/2010

LVVWD PROJECT NO. 136822

- ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS THE RESPONSIBILITY OF THE OWNER'S ASSOCIATION, OR THE INDIVIDUAL PROPERTY OWNER IF THE OWNER'S ASSOCIATION IS IN EXISTENCE, OR THE CITY OF CHICAGO IN THE CASE OF A CITY STREET. THE PAVING SURFACE SHALL BE A PROPERLY PLACED FASHEMENT ABUTTING A PUBLIC OR PRIVATE STREET, IF DISTURBED BY THE LVVMD DURING THE COURSE OF THE PROJECT. THE LVVMD SHALL BE RESPONSIBLE FOR THE PROPER REPAIR OF THE SIZED PLAIN FINISH CONCRETE PATCH. THE LVVMD WILL NOT RESTORE, AND WILL NOT BE RESPONSIBLE FOR, THE REPAIR OF ANY ADJACENT DRIVEWAY, SIDEWALK, OR DRIVEWAY. THE LVVMD WILL NOT ATTEMPT TO MATCH COLOR OR FINISH OF ANY ADJACENT MATERIALS.
- NO LEAD COMPLIANCE NOTE:**
TO COMPLY WITH THE FEDERAL SAFE DRINKING WATER ACT, ALL WATER WORKS BRASS PRODUCTS SHALL BE LEAD FREE. BRASS OR BRASS ALLOY SHALL NOT BE INSTALLED WITH THE LEAD FREE APPROVED PRODUCT. THE OLD LEADED PRODUCT MAY NOT BE REUSED.

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136822 FIRST APPROVED DATE: 2/4/2020

- THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL FILL, DEBRIS, CONSTRUCTION DEBRIS, EXCESS POTENTIAL POLLUTANTS THAT MAY BE OTHERWISE DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHTS OF WAY OF LAS VEGAS AND CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE SUBMITTED PLAN. 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 THE CITY OF LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BEST MANAGEMENT PRACTICES MANUAL.

TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AFTER COMPLETION OF CONSTRUCTION ACTIVITIES. WHEN TEMPORARY OR PERMANENT STABILIZATION PRACTICE PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, SOME EXCEPTIONS MAY APPLY. REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI000000, SECTION III.A.3.
- 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 BMP'S WEEKLY, AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION MONITORING AND MAINTENANCE INSPECTION MAP IF ANY. SUCH UPDATES SHALL BE REVIEWED BY THE NEVADA DEPARTMENT OF WATER RESOURCES. INSPECTION MAP IF ANY. SUCH UPDATES SHALL BE REVIEWED BY THE NEVADA DEPARTMENT OF WATER RESOURCES. INSPECTION MAP IF ANY. SUCH UPDATES SHALL BE REVIEWED BY THE NEVADA DEPARTMENT OF WATER RESOURCES. INSPECTION MAP IF ANY. SUCH UPDATES SHALL BE REVIEWED BY THE NEVADA DEPARTMENT OF WATER RESOURCES.

NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI000000, SECTION III.A.12.
- ACCUMULATED SEDIMENT IN BMP'S SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.
3. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
5. ALL MANHOLES PAVED IN STREETS EIGHTY (80') FOOT R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY (80') FOOT R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
6. TEE SIZES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12") DIAMETER. CONNECTIONS TO FIFTEEN INCH (15") OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y" SIZES SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.
7. WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCH (18") UNDER A WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.
9. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS SUBJECT TO EXCEED THIS TOLERANCE, WILL HAVE TO BE REPAIRED OR REMOVED OR REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.
10. INSTALLATION OF CURVED SEWER REQUIRES THE USE OF C-900 PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

NONE

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LAS VEGAS FIRE AND RESCUE ADOPTED FIRE CODE ORDINANCE # 6631 FOR HYDRANT SPECIFICATIONS AND HYDRANT INSTALLATION SPECIFICATIONS.

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LAS VEGAS FIRE AND RESCUE ADOPTED FIRE CODE ORDINANCE # 6631 FOR HYDRANT SPECIFICATIONS AND HYDRANT INSTALLATION SPECIFICATIONS.
2. ONLY FIRE HYDRANTS THAT ARE IN THE LAS VEGAS VALLEY WATER DISTRICT'S - APPROVED PRODUCTS LIST ARE ALLOWED TO BE INSTALLED.
3. A PERMIT IS REQUIRED FROM LAS VEGAS FIRE AND RESCUE FOR THE INSTALLATION OF ON-SITE WATER LINES AND FIRE HYDRANTS. THE PERMIT AND CONTRACTORS MATERIAL TEST CERTIFICATE FOR UNDERGROUND PIPING FORM SHALL BE OBTAINED FROM THE FIRE PROTECTION ENGINEER BEFORE COMMENCEMENT OF WORK. IFC § 105.6.15
4. ON ANY RESIDENTIAL OR COMMERCIAL INSTALLATIONS, FIRE HYDRANTS SHALL BE INSTALLED AND FIRE APPARATUS ACCESS ROADS SHALL BE MAINTAINED BEFORE COMMENCEMENT OF ANY COMBUSTIBLE CONSTRUCTION. ALL FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER AND SHALL BE CAPABLE OF DELIVERING THE REQUIRED FIRE FLOW. IFC § 5310, IFC § 5312
5. TO IDENTIFY THE FIRE HYDRANT LOCATIONS, THE CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT THE CENTER LINE OF THE STREET ADJACENT TO THE FIRE HYDRANTS. IFC § 507.5.7.3
6. ALL UNDERGROUND INSPECTIONS, PRESSURE AND FLUSH VERIFICATIONS OF ALL FIRE HYDRANTS AND FIRE LINES, SHALL BE CONDUCTED BEFORE COVERING THE LINES. CENTER LOADING IS ACCEPTABLE FOR THE HYDRO TESTS WITH PRIOR FIRE PREVENTION APPROVAL. IFC § 106.3
7. ALL ON-SITE UNDERGROUND WATER MAINS AND MATERIALS SHALL BE U.L. LISTED, A.W.W.A APPROVED AND SHALL BE RATED FOR THE APPROPRIATE WORKING PRESSURE. IFC § 507.2.1, NFPA 24
8. PAINTING OF CURBS, FIRE HYDRANTS, PADS, PROTECTION OF FIRE HYDRANTS FROM PHYSICAL DAMAGE, AND ALL OTHER WORK NECESSARY PER PLANS SHALL BE COMPLETED BEFORE APPROVAL BY LAS VEGAS FIRE AND RESCUE, FIRE PREVENTION DIVISION. IFC § 507
9. PRIVATE HYDRANTS SHALL BE PAINTED RED. IFC § 507.5.7.1
10. PRIOR TO THE FINAL OCCUPANCY, A FIRE FLOW TEST SHALL BE WITNESSED BY LAS VEGAS FIRE AND RESCUE, FIRE PREVENTION DIVISION TO VERIFY AVAILABILITY OF THE REQUIRED FIRE FLOW. IFC § 507
11. FIRE HYDRANT SPACING SHALL BE AS FOLLOWS: IFC § C102
 - RESIDENTIAL - 500 FT UNSPRINKLERED; 600 FT SPRINKLERED.
 - COMMERCIAL - 300 FT UNSPRINKLERED; 400 FT SPRINKLERED.
12. WHERE THE WATER MAINS ARE EXTENDED ALONG STREETS OR NEW STREETS ARE INSTALLED WHERE FIRE HYDRANTS ARE NOT NEEDED FOR PROTECTION OF THE STRUCTURES, FIRE HYDRANTS SHALL BE INSTALLED AT A MAXIMUM OF 1000 FT SPACING, TO PROVIDE FOR TRANSPORTATION HAZARDS. WHERE STREETS ARE PROVIDED WITH MEDIAN DIVIDERS OR HAVE FOUR (4) OR MORE TRAFFIC LANES AND HAVE A TRAFFIC COUNT OF MORE THAN 30,000 PER DAY, HYDRANTS ARE REQUIRED ON EACH SIDE OF THE STREET SPACED AT 500 FT ON AN ALTERNATING BASIS. IFC § C102.8
13. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN THE RADIUS OF A CUL-DE-SAC OR WITHIN 20 FT OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
14. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN 6 FT OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREETLIGHT OR ANY OTHER OBSTRUCTION. IFC § C102.10
15. A MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A ONE-TWO FAMILY DWELLING SHALL NOT EXCEED 300 FT. AS MEASURED BY AN APPROVED ROUTE. IFC § C102.4
16. THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A FIRE DEPARTMENT CONNECTION (FDC) SHALL NOT EXCEED 100 FT AS MEASURED BY AN APPROVED ROUTE. IFC § C102.7
17. THE MAXIMUM DISTANCE FROM A HYDRANT TO THE END OF A DEAD-END STREET SHALL NOT EXCEED 200 FT. IFC § C102.6
18. TWO (2) SOURCES OF SUPPLY ARE REQUIRED WHENEVER THERE IS 4 OR MORE FIRE HYDRANTS/SPRINKLER LEAD-INS ARE INSTALLED ON A SINGLE SYSTEM. FOR SYSTEMS REQUIRED TO HAVE TWO (2) SOURCES OF WATER SUPPLY, SECTIONAL CONTROL VALVES SHALL BE INSTALLED SO THAT NO MORE THAN 2 FIRE HYDRANTS AND/OR FIRE SPRINKLER LEAD-INS CAN BE OUT OF SERVICE DUE TO A SERVICE INTERRUPTION. FOR SYSTEMS PERMITTED TO HAVE ONE SOURCE OF WATER SUPPLY, SECTIONAL CONTROL VALVES SHALL BE INSTALLED SO THAT NO MORE THAN 3 FIRE HYDRANTS AND/OR FIRE SPRINKLER LEAD-INS CAN BE OUT OF SERVICE DUE TO A SERVICE INTERRUPTION. IFC § C104
19. ALL FIRE APPARATUS ACCESS ROADS SHALL BE PAVED TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES, AND SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF THE FIRE APPARATUS. IFC § 503.2.3
20. THE GRADIENT FOR THE FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 12% ANGLES OF APPROACH AND ANGLES OF DEPARTURE SHALL NOT EXCEED 8% FOR 25 FT PRIOR TO OR AFTER THE GRADE CHANGE. ADJACENT TO THE STRUCTURES GRADIENT SHALL NOT EXCEED 8%. IFC § 503.2.7, § 503.2.8
21. THE TURNING RADIUS OF THE FIRE APPARATUS ACCESS ROADS SHALL BE NO LESS THAN 52 FT OUTSIDE AND 28 FT INSIDE TURNING RADIUS. IFC § 503.2.4
22. VERTICAL CLEARANCE OF ALL FIRE APPARATUS ACCESS ROADS SHALL NOT BE LESS THAN 13FT 6 INS. IFC § 503.2.1
23. FIRE DEPARTMENT ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF NOT LESS THAN 33 FT WITH PARKING ON BOTH SIDES MEASURED TO FACE OF CURB, NOT LESS THAN 28 FT WIDE WITH PARKING RESTRICTED TO ONE SIDE MEASURED TO FACE OF CURB, NOT LESS THAN 24 FT WIDE WITH NO PARKING ON EITHER SIDE MEASURED TO FACE OF CURB. FIRE LANES THROUGH PARKING LOTS SHALL BE NOT LESS THAN 24 FT. IFC § 503.2.1.1
24. A FIRE APPARATUS ACCESS ROAD SHALL BE REQUIRED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY IS LOCATED MORE THAN 150 FT FROM A FIRE DEPARTMENT VEHICLE ACCESS. IFC § 503.1.1
25. APPROVED SECONDARY FIRE APPARATUS ACCESS SHALL BE PROVIDED FOR 200 OR MORE DWELLING UNITS, ROAD(S) WITH DEAD-ENDS OR A SINGLE POINT OF ACCESS IN EXCESS OF 600 FT. CLV REGULATION AND MOU
26. ALL DEAD-END FIRE APPARATUS ROADS AND/OR FIRE LANES, PUBLIC OR PRIVATE, IN EXCESS OF 150 FT IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURN AROUND HAVING A MINIMUM DIAMETER OF 81 FT. CLV REGULATION
27. ALL FIRE APPARATUS ACCESS ROADS SHALL BE MARKED BY PLACING APPROVED SIGNS AT THE START OF THE DESIGNATED FIRE LANE, ONE SIGN AT THE END OF THE FIRE LANE AND WITH SIGNS AT INTERVALS OF 100 FT ALONG THE DESIGNATED FIRE LANE. SIGNS SHALL BE PLACED ON BOTH SIDES OF AN ACCESS ROADWAY IF NEEDED TO PREVENT PARKING ON EITHER SIDE. SIGNS TO BE INSTALLED NO HIGHER THAN 10 FT OR LESS THAN 6 FT FROM THE ROADWAY LEVEL. THE CURB ALONG OR ON THE PAVEMENT OR CEMENT (IF NO CURB IS PROVIDED) SHALL BE PAINTED WITH A RED WEATHER RESISTANT PAINT IN ADDITION TO THE SIGNS. IFC § 503.3
28. ELECTRICALLY CONTROLLED ACCESS GATES SHALL BE PROVIDED WITH AN APPROVED EMERGENCY VEHICLE DETECTOR/RECEIVER SYSTEM. IFC § 503.6
29. WHERE STREETS ARE PROVIDED WITH MEDIAN DIVIDERS, OR HAVING FOUR OR MORE TRAVEL LANES AND A TRAFFIC COUNT OF MORE THAN 30,000 VEHICLES PER DAY, ALL HYDRANTS BEING UTILIZED ON THE STREET AS THE PROPOSED DEVELOPMENT, CLV REGULATION

1. ALL STREET LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE STREET LIGHTING PLANS, THE "UNIFORM STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA" (LATEST REVISION (USS)), AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA" (USD), LATEST REVISION.
2. DESIGN PROFESSIONAL AND CONTRACTOR SHALL VERIFY CITY'S LATEST LED FIXTURE SPECIFICATIONS AND APPROVE FIXTURES PER CLY WEBSITE, UNDER BUILDING AND SAFETY FORMS, PRIOR TO ORDERING MATERIALS.
3. NO DEVIATION OF STREET LIGHT, PULL BOX, CONDUITS, ETC., LOCATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE CITY OF LAS VEGAS. ANY SUCH VIOLATION SHALL BE CONSIDERED A VIOLATION OF THE CITY OF LAS VEGAS COMPLIANCE WITH SECTION 623 OF THE USS.
4. ALL EXISTING STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION IN ACCORDANCE WITH SECTION 623.03.01 OF THE USS.
5. ALL EMPTY CONDUIT SHALL HAVE AT LEAST ONE GREEN NO. #8 AWC WIRE INSTALLED AS TRACER WIRE IN ACCORDANCE WITH SECTION 623.02.02 OF THE USS PRIOR TO BACKFILLING AND FINAL INSPECTION.
6. ANY STRUCTURE SUCH AS BLOCK WALLS, 3/4" CHAIN LINK FENCES, RETAINING WALLS, ETC., SHALL LEAVE A MINIMUM CLEARANCE IN COMPLIANCE WITH USD IV, 320A WHEN POLE IS INSTALLED BEHIND SIDEWALK, AND SHALL AT NO TIME COMPLETELY ENCLOSE THE STREET LIGHTING POLE.
7. AS-BUILT DRAWINGS SHALL BE SUPPLIED TO THE TRAFFIC ENGINEERING DIVISION PRIOR TO ANY PRE-FINAL INSPECTION. THE AS-BUILT DRAWING NEEDS TO BE STAMPED AS-BUILT AND SIGNED BY THE PREPARER.
8. SERVICE POINTS SHALL BE COORDINATED WITH NV ENERGY, AND WHEREVER POSSIBLE, BE LOCATED NEAR THE CENTER OF THE CIRCUIT. SERVICEPOINTS SHALL BE SHOWN ON THE PLANS.
9. WHEREVER THERE IS AN OVERHEAD UTILITY THAT MAY CONFLICT WITH THE INSTALLATION OF STREETLIGHTING CIRCUITS AND/OR POLES, THESE CONFLICTS MUST BE RESOLVED BETWEEN THE DEVELOPER AND THE UTILITIES INVOLVED BEFORE STREETLIGHT BASES ARE INSTALLED. AT NO EXPENSE TO THE CITY OF LAS VEGAS.
10. THE CONTRACTOR SHALL FURNISH COMPLETE CONDUIT, WIRE, ETC. FROM SERVICE TO TRANSFORMERS AND CONTROL SYSTEMS IF REQUIRED ON THE PLANS.

REVISÉ JUNE 4, 2018 (LD VERSION)

1. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
2. THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.
3. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS WHERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
4. WHEN A DESIGNATED "SUGGESTED ROUTE TO SCHOOL" IS ENCLOSED UPON by a CONSTRUCTION WORK ZONE AND PUBLIC WORKS STAFF IDENTIFIES A NEED FOR STUDENTS TO BE ASSISTED IN THE SAFE CROSSING THROUGH THAT WORK ZONE, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A QUALIFIED "CROSSING GUARD". THE GUARD SHALL BE PRESENT FOR THE FULL DURATION OF TIME THAT CHILDREN ARE LIKELY TO BE PRESENT.
5. IF THE IMPROVEMENTS NECESSITATE THE OBSTRUCTION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. ALL NEW TRAFFIC SIGNS SHALL UTILIZE TYPE X RETROREFLECTIVE SHEETING IN ACCORDANCE WITH CAAUSS 627 AND 716 AND SHALL HAVE AN ANTI-GRAFFITI PROTECTIVE OVERLAY FILM THAT IS A MATCHING COMPONENT TO, AND OF THE SAME MANUFACTURER AS THE RETROREFLECTIVE SHEETING TO WHICH IT IS APPLIED. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.
7. WHEN A PROPOSED STREET LIGHT STANDARD IS LOCATED WITHIN FIVE (5') FEET OF ANY PROPOSED SIGN SHOWN ON THE PLANS TO BE MOUNTED ON A SIGNPOST, THE SIGN SHALL BE MOUNTED ON THE STREET LIGHT STANDARD AND THE SIGNPOST SHALL BE ELIMINATED.
8. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HERE UNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
9. STREET SIGNS AND STOP SIGNS SHALL BE INSTALLED PER CITY STANDARD SPECIFICATIONS FOR PLACEMENT OF STREET NAME SIGNS.
10. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES AND FLAGGERS TO INSURE THE SAFETY OF THE PUBLIC IN OR AROUND THE WORK AREA. THE CONTRACTOR SHALL HAVE A CERTIFIED ATSSA TRAFFIC CONTROL TECHNICIAN OR IMSA WORK ZONE SAFETY SPECIALIST SET UP, MAINTAIN AND/OR REMOVE ALL TRAFFIC CONTROL DEVICES IN THE CITY OF LAS VEGAS RIGHT OF WAY.
11. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE EXPEDITED TO COMPLETION SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA (RTC), IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET OR AROUND FOR TEMPORARY REDUCTION OF STOP.
13. GUARDS SHALL BE OBTAINED BY CONTACTING THE METROPOLITAN POLICE DEPARTMENT SPECIAL EVENTS UNIT (PHONE # 929-3442) WHO WILL PROVIDE OFFICERS PROPERLY TRAINED IN TRAFFIC CONTROL FEES FOR THE USE OF THESE OFFICERS SHALL BE SET BY METRO AND WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL ARRANGEMENTS WITH METRO.
14. ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.
15. THE CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION SECTION) THROUGH THE PROJECT'S OFFSITE INSPECTOR PRIOR TO INITIATING PAVING TO RECEIVE DIRECTION FOR ANY PERMANENT OR TEMPORARY MODIFICATIONS TO EXISTING DRIVE OR PAVED DRIVE AND PAVEMENT TRANSITIONS. MARKINGS AND SIGNING THAT ARE REQUIRED TO MATCH ADJACENT ROADWAY SEGMENTS, THE CONTRACTOR SHALL PROVIDE A DRAWING FOR APPROVAL BY THE TRAFFIC ENGINEERING DIVISION DEPICTING ANY ADJUSTMENTS TO THE FINAL PAVEMENT MARKINGS AND SIGNAGE, WHICH MAY INCLUDE OMITTING, ADDING OR MODIFYING PAVING MARKINGS AND TRAFFIC CONTROL SIGNS SUCH THAT ADEQUATE TRANSITIONS AND LANE TERMINATIONS BETWEEN ADJACENT ROADWAY SEGMENTS ARE CONSTRUCTED.

1. IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-6020
2. THERE SHALL BE A MINIMUM HORIZONTAL AND VERTICAL CLEARANCE OF 12-INCHES BETWEEN NATURAL GAS FACILITIES AND ANY UNDERGROUND FACILITIES AND/OR STRUCTURES, INCLUDING BUT NOT LIMITED TO WATER, SEWER, STORM DRAIN, COMMUNICATIONS, ELECTRIC
3. FOR VALVE ADJUSTMENT CONTACT 702-688-6107 48 HOURS PRIOR TO CONSTRUCTION
4. IN THE EVENT OF A NATURAL GAS CONFLICT WITH PROPOSED UTILITIES AND/OR STRUCTURES CONTACT 702-365-2099

CAUTION: HIGH PRESSURE GAS!!
CALL SOUTHWEST GAS AT 702-400-1789 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION.

Ryan Stemmerick
SOUTHWEST GAS CORPORATION

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.

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.

CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY 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.

THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.

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.

CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

	HORIZONTAL	VERTICAL	COMPACTION
A. PAVEMENT AREA SUBGRADE	0.1"	+0.0' TO -0.1'	SEE SOILS REPORT
B. ENGINEERED FILL	0.5"	+0.1' TO -0.1'	SEE SOILS REPORT

COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.

ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.

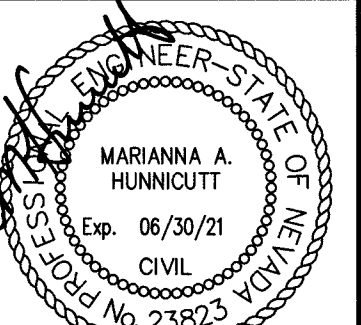
THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.

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.

IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

[illegible]

Kinley»»Horn



192016003	DATE	1/14/2020
SCALE AS SHOWN		
DESIGNED BY	MK	
DRAWN BY	PB,CA	
CHECKED BY	MH,JB	

GENERAL NOTES

L19-01255
107V7883

BEYOND SELF-STORAGE
AT RAINBOW BLVD &
BUCKSKIN AVE
PREPARED FOR
NORTHPOINT DEVELOPMENT
LAS VEGAS, NEVADA

Printed By: Nguyen-Schneider, Inc. January 14, 2020 04:55:43pm K:\LAU-Civil\192016003-NorthPoint Rainbow Blvd\CAD\PlanSheets\192016003-CN.dwg
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MASTER LEGEND

	CENTER LINE		WATER NOTE
	RIGHT-OF-WAY		FIRE NOTE
	PROPERTY LINE TO BE VACATED		SEWER NOTE
	ADJACENT PROPERTY LINE		CONSTRUCTION NOTE
	PROPERTY LINE TO BE REMOVED		PROPOSED GRADE TAG
	EASEMENT TO BE VACATED		PROPOSED SLOPE
	WATER EASEMENT		EXISTING GRADE TAG
	SAWCUT		EXISTING SLOPE
	A-CURB		TRUNCATED DOMES
	CURB & GUTTER		RIP-RAP
	EXISTING CURB GUTTER		HEAVY PAVEMENT
	FLOWLINE		LIGHT PAVEMENT
	RIDGE		CONCRETE PAVEMENT
	EDGE OF PAVEMENT		SIDEWALK DRAIN
	EXISTING EDGE OF PAVEMENT		EXISTING STREETLIGHT
	EXISTING CONTOUR		PROPOSED STREETLIGHT
	PROPOSED CONTOUR		EXISTING SIGN
	RETAINING WALL		EXISTING BILLBOARD
	PROPOSED BLDG FACE		EXISTING MANHOLE
	EX. STORM DRAIN LINE		PROPERTY TO BE VACATED
	EX. WATER LINE		
	EX. SEWER LINE		
	WATER VALVE		
	FIRE HYDRANT		
	REDUCER		
	90° BEND		
	FDC		
	SEWER MANHOLE		
	SEWER CLEANOUT		
	STORM DRAIN MANHOLE		
	POWER TRANSMISSION		
	STORM DROP INLET		
	HANDRAILS		
	EXISTING BOLLARD		
	BOLLARD		

ABBREVIATIONS

AB	AGGREGATE BASE	LA	LANDSCAPE ARCHITECT
AC	ASPHALTIC CONCRETE	LF	LINEAR FEET
ADA	AMERICANS WITH DISABILITIES ACT	LP	LOW POINT
AP	ANGLE POINT	L/S	LANDSCAPE
AVE	AVENUE	LT	LEFT
BC	BACK OF CURB	LVWD	LAS VEGAS VALLEY WATER DISTRICT
BCR	BEGIN CURB RETURN	MAX	MAXIMUM
BLVD	BOULEVARD	ME	MATCH EXISTING
BM	BENCHMARK	MEP	MECHANICAL, ELECTRICAL AND
BVC	BEGIN VERTICAL CURVE	MH	PLUMBING
BW	BOTTOM OF WALL	MIN	MINIMUM
BWV	BACK WATER VALVE	N	NORTH
B/S	BACKSIDE	N.A.P.	NOT A PART
CALC	CALCULATED	NTS	NOT TO SCALE
CC	CLARK COUNTY	N/S	NORTH/SOUTH
CCAUSD	CLARK COUNTY AREA UNIFORM STANDARD	OC	ON CENTER
CCFD	CLARK COUNTY FIRE DEPARTMENT	P.A.E.	PUBLIC ACCESS EASEMENT
CCWRD	CLARK COUNTY WATER RECLAMATION	PC	POINT OF CURVATURE
CL	CENTERLINE	PR	POINT OF COMPOUND CURVATURE
CLV	CITY OF LAS VEGAS	PRC	PROPOSED
CO	CLEAN OUT	PROP	PROPOSED
CONN	CONNECTION	PT	POINT OF TANGENCY
CTV	CABLE TELEVISION	PVC	POLYVINYL CHLORIDE
CY	CUBIC YARD	PVI	POINT OF VERTICAL INFLECTION
A	DELTA (DIFFERENCE) / ANGLE	R	RADIUS
D	DEPTH	RCB	REINFORCED CONCRETE BOX
DE	DRAINAGE EASEMENT	ROP	REINFORCED CONCRETE PIPE
DG	DECOMPOSED GRANITE	RT	RIGHT
DI	DUCTILE IRON	R/W	RIGHT OF WAY
DCSWCS	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS	S	SOUTH
E	EAST	SD	STORM DRAIN
EA	EACH	SF	SQUARE FOOT OR FEET
ECR	END CURB RETURN	SS	SANITARY SEWER
ELEV	ELEVATION	SSMH	SANITARY SEWER MANHOLE
ELEC	ELECTRICAL	ST	STREET
EOP	EDGE OF PAVEMENT	STL	STEEL
EP	EDGE OF PAVEMENT	STLT	STREETLIGHT
ESMT	EASEMENT	STD	STANDARD
EVC	END VERTICAL CURVE	SW	SIDEWALK
EX	EXISTING	SY	SQUARE YARDS
E/W	EAST/WEST OF EACH WAY	TC	TOP OF CURB
FF	FINISHED FLOOR	TCF	TRAFFIC CONTROL DEVICE
FFE	FINISHED FLOOR ELEVATION	TF	TOP OF FOOTING
F-F	FACE OF CURB TO FACE OF CURB	TG	TOP OF GRATE
FG	FINISHED GROUND	TRW	TOP OF RETAINING WALL
FH	FIRE HYDRANT	TYP	TYPICAL
FS	FINISHED SURFACE	TW	TOP OF WALL
FL	FLOWLINE	UDAS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS
FT	FOOT or FEET	UTE	UTILITY EASEMENT
GB	GRADE BREAK	VERT	VERTICAL
H	HEIGHT	W	WEST OR WATER
HDPE	HIGH-DENSITY POLYETHYLENE	WL	WATERLINE
HP	HIGH POINT	WTR	WATER
INT	INTERSECTION	XFF	EXISTING FINISHED FLOOR ELEVATION
INV	INVERT	±	PLUS OR MINUS
L	LENGTH		

Call before you dig
1-702-432-5300

Call before you dig
1-702-227-2929

Call before you dig
1-702-227-2929

CONSTRUCTION NOTES

	UNIT	PUBLIC
① CONSTRUCT LIGHT AC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET C5.2	SF	-
② CONSTRUCT HEAVY AC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET C5.2	SF	-
③ CONSTRUCT 6" CURB PER DETAIL 3 ON SHEET C5.2	LF	-
④ CONSTRUCT COMMERCIAL CURB RETURN DRIVEWAY PER CCAUSD NO. 222.1 & 225	SF	1,715
⑤ CONSTRUCT 2.0' WIDE CURB CUT PER DETAIL 4 ON SHEET C5.2	EA	-
⑥ CONSTRUCT "L" TYPE CURB & GUTTER PER CCAUSD NO. 216	LF	551
⑦ CONSTRUCT 4" SIDEWALK PER CCAUSD NO. 234	SF	2,615
⑧ CONSTRUCT SIDEWALK RAMP CASE III PER CCAUSD NO. 235. A=8', B=8', UNLESS OTHERWISE NOTED	EA	5
⑨ CONSTRUCT ONSITE SIDEWALK PER CCAUSD NO. 234, COLOR & FINISH PER ARCH PLANS	SF	-
⑩ CONSTRUCT PCC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL DETAIL 1 ON SHEET C5.2	SY	-
⑪ CONSTRUCT COLLECTOR PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET C5.2	SY	850
⑫ CONSTRUCT STAIRS & RAMP WITH HANDRAILS PER ARCHITECTURAL PLANS	EA	-
⑬ CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD NO. 224	EA	1
⑭ EXISTING UTILITIES TO BE ADJUSTED TO GRADE	EA	2
⑮ CONSTRUCT 3.0' WIDE VALLEY GUTTER PER DETAIL 7 ON SHEET C5.2	SY	-
⑯ INSTALL LID ROCK UNED SWALE PER (D50=3", T=6") DETAIL 5 ON SHEET C5.2	CY	-
⑰ CONSTRUCT SIDEWALK UNDERDRAIN PER CCAUSD NO. 236	EA	4
⑱ CONSTRUCT RETAINING STEM WALL PER SEPARATE STRUCTURAL PLANS	LF	-
⑲ CONSTRUCT TRASH ENCLOSURE PER SEPARATE ARCHITECTURAL PLANS & DETAILS (BY OTHERS)	EA	-
⑳ EXPOSED BASEMENT WALL FOUNDATION PER SEPARATE STRUCTURAL PLANS & DETAILS BY OTHERS (PER SEPARATE PERMIT)	LF	-
㉑ SIGHT VISIBILITY ZONE - SEE DETAIL 8 ON SHEET C5.2	-	-
㉒ INSTALL 5' WIDE RIPRAP PAD, D50=6", T=12"	SF	-
㉓ INSTALL ROOF DRAIN DOWNSPOUT 12" ABOVE GRADE AND SPLASH TO GRADE, SEE ARCHITECTURAL PLANS & DETAILS FOR ROOF DRAIN LOCATIONS	EA	-
㉔ INSTALL 25.8 LF TRANSITION FROM "L" TYPE CURB & GUTTER TO 6" CURB PER DETAIL 9 ON SHEET C5.2	LF	-
㉕ TRENCH AND BACKFILL PER CCAUSD 503	-	-
⑮ LANDSCAPE AREA - TO BE MAINTAINED BY OWNER	-	-
ME MATCH EXISTING	-	-
SC SAWCUT CLEAN EDGE (1' MINIMUM)	-	-

HORIZONTAL CONTROL NOTES

	UNIT	PUBLIC
① PAINT CURBS RED "FIRE LANE-NO PARKING"	LF	-
② INSTALL ENTRANCE WARNING SIGN PER DETAIL OF THIS SHEET	EA	-
③ INSTALL HANDICAP ACCESSIBLE SIGN PER DETAIL OF THIS SHEET (OR EQUIVALENT)	EA	-
④ INSTALL BLUE REFLECTIVE PAVEMENT MARKER IN THE FIRE LANE ADJACENT TO EACH HYDRANT (IF NOT EXISTING)	EA	2
⑤ PROPOSED PRIVATE FIRE HYDRANT	EA	-
⑥ PROPOSED ACCESSIBLE ROUTE	-	-
⑦ INSTALL FIRE DEPARTMENT CONNECTION STAND ALONE - SEE UTILITY PLAN	EA	-
⑧ INSTALL "STOP SIGN" R1-1 PER DETAIL OF THIS SHEET (TO BE PRIVATELY MAINTAINED)	EA	3
⑨ EXISTING STRIPING TO REMAIN (TYP)	LF	-
⑩ INSTALL 1-1/4" SCHEDULE 40 STREET LIGHT CONDUIT WITH (2) #4 AND (1) #8 THW-2 OR XTHW2 COPPER CONDUCTORS (TYP) AND WIRE	LF	525
⑪ INSTALL #3-1/2 PULL BOX PER CCAUSD NO. 326	EA	1
⑫ INSTALL LED STREETLIGHT & FOUNDATION PER CCAUSD NO. 300.S3, 314, 320, 321 & QPL (ROW WIDTH PER PLAN)	EA	4
⑬ PROPOSED PUBLIC FIRE HYDRANT	EA	1
⑭ INSTALL R7-1A "NO PARKING" SIGN PER DETAIL OF THIS SHEET	EA	2
⑮ INSTALL TYPE IV LANE LINE PER CCAUSD DWG NO. 244.1	LF	42
⑯ INSTALL CENTERLINE PER CCAUSD DWG NO. 244.1	LF	16
⑰ INSTALL KEY PAD PER SEPARATE ARCHITECTURAL PLANS	EA	-
⑱ PROPOSED 6' WROUGHT IRON FENCE PER ARCHITECTURAL PLANS	LF	-
⑲ INSTALL KEY PAD PER SEPARATE ARCHITECTURAL PLANS	EA	-
⑮ LANDSCAPE AREA	-	-

WATER CONSTRUCTION NOTES

	UNIT	PUBLIC
① INSTALL 10" PVC WATER LINE - C900, CLASS 150 PER UDACS PLATE NO. 17	LF	-
② INSTALL 8" PVC WATER LINE - C900, CLASS 150 PER UDACS PLATE NO. 17	LF	35
③ INSTALL 6" PVC WATER LINE - C900, CLASS 150 PER UDACS PLATE NO. 17	LF	10
④ INSTALL 1.5" PVC WATER LINE - C900, CLASS 150 PER UDACS PLATE NO.17	LF	24
⑤ INSTALL 1" PVC WATER LINE - C900, CLASS 150 PER UDACS PLATE NO. 17	LF	13
⑥ INSTALL GATE VALVE SAME SIZE AS LINE PER UDACS PLATES NO. 39 W/ THRUST BLOCK (SIZE 4" OR GREATER) PER UDACS PLATE NO. 30	EA	-
⑦ INSTALL 90° BEND SAME SIZE AS LINE W/ THRUST BLOCK (SIZE 4" OR GREATER) PER UDACS PLATE NO. 31	EA	1
⑧ INSTALL 45° BEND SAME SIZE AS LINE W/ THRUST BLOCK (SIZE 4" OR GREATER) PER UDACS PLATE NO. 31	EA	-
⑨ INSTALL FIRE HYDRANT ASSEMBLY & 6" GATE VALVE PER UDACS PLATE NO. 40 WITH THRUST BLOCK PER UDACS PLATE NO. 40 OR 41	EA	2
⑩ INSTALL FIRE DEPARTMENT CONNECTION STAND ALONE	EA	-
⑪ WET TAP EX. 12" WATER WITH 12"x8" TAPPING SLEEVE W/ 8" TAPPING VALVE PER UDACS SECTION 2.24.01B, EXCAVATE PER UDACS PLATE 17, 19 & 34	EA	1
⑫ INSTALL 8" X 6" MECHANICALLY RESTRAINED DIP TEE	EA	1
⑬ INSTALL SERVICE SADDLE & CORPORATION STOP SIZE TO MATCH METER & RPPA PER UDACS PLATE NO. 4	EA	1
⑭ INSTALL 8" X 6" REDUCER	EA	-
⑮ INSTALL 8" X 8" TEE WITH THRUST BLOCK PER UDACS PLATE NO. 31	EA	-
⑯ INSTALL CURB STOP PER UDACS SECTION 1.01.49	EA	-
⑰ INSTALL NEW 1.5" METER PER UDACS PLATE NO. 4 & NEW 1.5" RPPA PER UDACS PLATE NO. 8 WITH 1.5" BRASS WATER LINE BETWEEN METER & RPPA	EA	1
⑱ INSTALL 10" RPPA PER UDACS PLATE NO. 59	EA	1
⑲ INSTALL 1" RPPA PER UDACS PLATE NO. 8 (PRIVATE)	EA	-
㉑ REFER TO PLUMBING PLANS FOR CONTINUATION	-	-
㉒ REFER TO LANDSCAPE PLANS FOR CONTINUATION	-	-
㉓ EX. 1.5" METER (TO BE TURNED INTO LVWD) AND RPPA TO BE RELOCATED PER PLAN. STUB, CAP AND ABANDON EXISTING SERVICE LATERAL 12" FROM EXISTING MAIN TAP PER UDACS SECTIONS 2.17.01 B, 2.17.04, AND 2.17.05	EA	1
㉔ INSTALL 1.5" X 1" X 1.5" TEE	EA	1
㉕ CONNECT TO EX. 8" ACP WATER LINE USING 8" DIP TRANSITION COUPLING AND PER UDACS SECTION 3.11.03	EA	2
㉖ INSTALL 8" DIP 45° VERTICAL BEND	EA	4
㉗ INSTALL 8" DIP WATER LINE - PRESSURE CLASS 350 PER UDACS PLATE NO. 18	LF	56
㉘ REMOVE ±56 LF EX. ACP WATER LINE PER UDACS SECTION 3.11.03	LF	56

SEWER CONSTRUCTION NOTES

	UNIT	PUBLIC	PRIVATE
① CONTRACTOR TO VERIFY INVERT PRIOR TO COMMENCING CONSTRUCTION	EA	-	-
② INSTALL SAND-OIL INTERCEPTOR PER SEPARATE PLUMBING PLANS	EA	-	-
③ INSTALL 6" PVC (SDR-35) SEWER MAIN PER DCSWCS SD-17, SD-20, SD-23 (PRIVATE)	LF	-	-
④ INSTALL 6" CLEANOUT W/ TRAFFIC RATED BOX PER SD-24 (PRIVATE)	EA	-	3
⑤ INSTALL WYE & 45° BEND PER SD-20 (PRIVATE)	EA	-	-
⑥ SEE PLUMBING PLANS FOR CONTINUATION (PRIVATE)	EA	-	-
⑦ INSTALL WYE & 45° BEND PER SD-20 (PUBLIC)	EA	1	-
⑧ INSTALL 6" PVC (SDR-35) SEWER MAIN PER DCSWCS SD-17, SD-20, SD-23 (PRIVATE)	LF	-	65

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136822 FIRST APPROVED DATE: 2/4/2020

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16671 LAS VEGAS BOULEVARD S., SUITE 320, LAS VEGAS, NV 89119
PHONE: 702-862-3600
WWW.KIMLEY-HORN.COM

KHA PROJECT	192016003
DATE	1/14/2020
SCALE	AS SHOWN
DESIGNED BY	MK
DRAWN BY	PBCA
CHECKED BY	MHJB

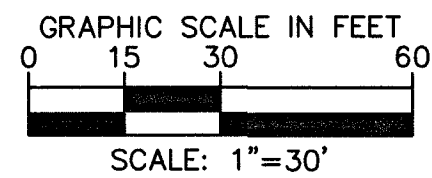
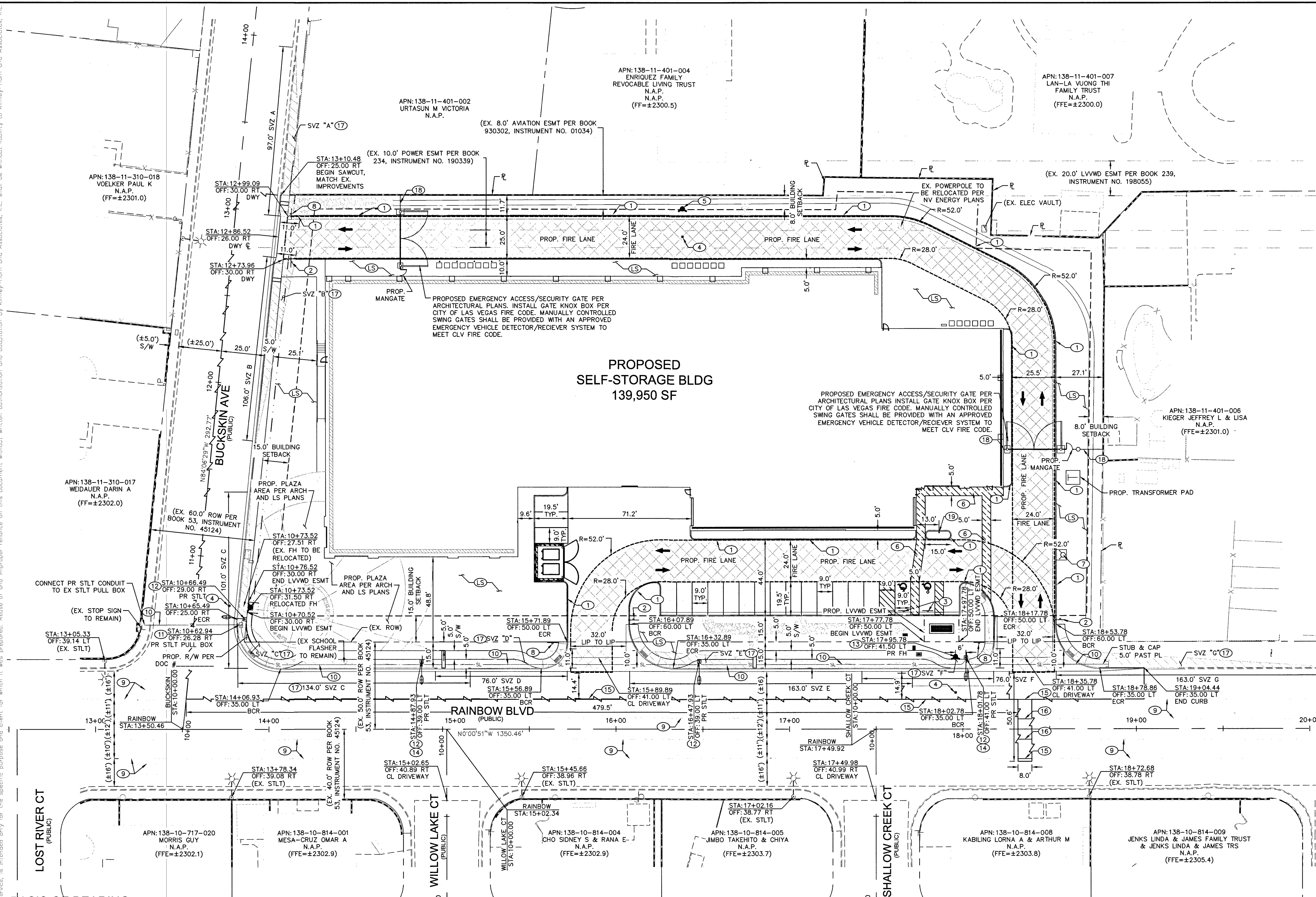
BEYOND SELF-STORAGE
AT RAINBOW BLVD &
BUCKSKIN AVE
PREPARED FOR
NORTHPOINT DEVELOPMENT
LAS VEGAS

MASTER LEGEND
AND QUANTITIES

L19-01255
107V7883

3 OF 16 SHEETS
C0.3

Plotted By: N. Schneider, Th. Street Set: NORTHPOINT RAINBOW Layout: C1.0 January 14, 2020 04:55:33pm K:\NAV\Drawings\2020\003-Northpoint Rainbow Bldg\2020\003-HC.dwg



HORIZONTAL CONTROL NOTES

- 1. PAINT CURBS RED "FIRE LANE-NO PARKING"
- 2. INSTALL ENTRANCE WARNING SIGN PER DETAIL OF THIS SHEET
- 3. INSTALL HANDICAP ACCESSIBLE SIGN PER DETAIL OF THIS SHEET (OR EQUIVALENT)
- 4. INSTALL BLUE REFLECTIVE PAVEMENT MARKER IN THE FIRE LANE ADJACENT TO EACH HYDRANT (IF NOT EXISTING)
- 5. PROPOSED PRIVATE FIRE HYDRANT
- 6. PROPOSED ACCESSIBLE ROUTE
- 7. INSTALL FIRE DEPARTMENT CONNECTION STAND ALONE - SEE UTILITY PLAN
- 8. INSTALL "STOP SIGN" R1-1 PER DETAIL OF THIS SHEET (TO BE PRIVATELY MAINTAINED)
- 9. EXISTING STRIPING TO REMAIN (TYP)
- 10. INSTALL 1-1/4" SCHEDULE 40 STREET LIGHT CONDUIT WITH (2) #4 AND (1) #8 THW-2 OR XTHW2 COPPER CONDUCTORS (TYP) AND WIRE
- 11. INSTALL #3-1/2 PULL BOX PER CCAUSD NO. 326
- 12. INSTALL LED STREETLIGHT & FOUNDATION PER CCAUSD NO. 300.S3, 314, 320, 321 & QPL (ROW WIDTH PER PLAN)
- 13. PROPOSED PUBLIC FIRE HYDRANT
- 14. INSTALL R7-1A "NO PARKING" SIGN PER DETAIL OF THIS SHEET
- 15. INSTALL TYPE IV LANE LINE PER CCAUSD DWG NO. 244.1
- 16. INSTALL CENTERLINE PER CCAUSD DWG NO. 244.1
- 17. SIGHT VISIBILITY ZONE - SEE DETAIL 8 ON SHEET C5.2
- 18. PROPOSED 6" WROUGHT IRON FENCE PER ARCHITECTURAL PLANS
- 19. INSTALL KEY PAD PER SEPARATE ARCHITECTURAL PLANS
- 20. LANDSCAPE AREA

CONTRACTOR NOTES

- 1. CONTRACTOR SHALL CONTACT CITY OF LAS VEGAS TRAFFIC OPERATIONS AT 229-6075 TO SCHEDULE CITY TRAFFIC STAFF TO LOCATE UNDERGROUND STREETLIGHTING AND SIGNAL FACILITIES IN THE PROJECT AREA. A MINIMUM OF 48 HOURS NOTICE IS REQUIRED PRIOR TO THIS OPERATION.
- HOURS OF OPERATION ARE: 6:30AM-3:00PM, MONDAY THROUGH FRIDAY, EXCLUDING HOLIDAYS.
- 2. REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS) UNDER CITY OF LAS VEGAS JURISDICTION THAT ARE DISTURBED, DESTROYED, MOVED OR MODIFIED BY TRENCHING ACTIVITY TO CITY OF LAS VEGAS SATISFACTION. ALL MATERIALS USED SHALL MEET CITY OF LAS VEGAS SPECIFICATIONS, OR WILL BE AN APPROVED EQUIVALENT.
- 3. NO STRUCTURE, VEGETATION, OR OBJECT OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) FEET IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT CURB IF CURB EXISTS) WITHIN THE SIGHT VISIBILITY ZONES.
- 4. CONTRACTOR TO REVIEW UNDERGROUND CONSTRUCTION PER THIS PLAN SET PRIOR TO CONSTRUCTION OF ANY TRAFFIC CONTROL DEVICES.

ACCESSIBILITY NOTES

- 1. MAXIMUM SLOPE ON THE ACCESSIBLE ROUTE IS 5.0% IN THE DIRECTION OF TRAVEL, 2.0% CROSS SLOPE.
- 2. MAXIMUM SLOPE IN ACCESSIBLE PARKING STALL LOADING AISLES IS 2.0% IN ANY DIRECTION.
- 3. PROVIDE ACCESSIBLE PARKING STALL SIGNAGE FOR HANDICAP AND VAN ACCESSIBLE STALLS PER NRS 484.408.
- 4. HANDICAP STALLS SHALL BE 9'-0" WIDE X 20'-0" LONG. HANDICAP STALL LOADING AISLES ARE 5'-0" WIDE X THE ENTIRE LENGTH OF THE PARKING STALL (8'-0" WIDE FOR VAN ACCESSIBLE SPACES).

PAVEMENT MARKERS

INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS ADJACENT TO THE FIRE HYDRANT ON ALL IMPROVED FIRE APPARATUS ACCESS LANES AND ROADWAYS PER SOUTHERN NEVADA FIRE CODE SECTION 507.5.7.3

GENERAL NOTES

- 1. REFER TO SHEET C0.3 FOR FULL LEGEND AND ABBREVIATIONS, BASIS OF BEARING, BENCHMARK AND FLOOD ZONE NOTE
- 2. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- 3. ALL RADII TO BE BACK OF CURB UNLESS OTHERWISE NOTED OR LABELED ON PLANS.

STREETLIGHT CIRCUIT CAPACITY VERIFICATION FOR CIRCUIT "A" NORTH RAINBOW BLVD			
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 CITY OF LAS VEGAS TRAFFIC ENGINEERING DIVISION AT 702-229-6327 TO PERFORM CIRCUIT CAPACITY VERIFICATION	
	NO	INSTALL A NEW PEDESTAL	

SERVICE PEDESTAL LOCATION:	
3411 RANCH VIEW ST. - METER #CC027807510	
DATE OF CAPACITY VERIFICATION	06/22/2019
TOM AZBILL	
PERSON WHO DID THE CALCULATIONS	MARIANNA HUNNICUTT, PE
CONSULTING ENGINEERING FIRM	KIMLEY HORN ASSOCIATES

CAPACITY CALCULATIONS			
1	CIRCUIT CAPACITY:	60	AMPS
2	MAXIMUM CONTINUOUS CURRENT DRAW (80%)	48	AMPS
3	EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	<7	AMPS
4	AVAILABLE (2 MINUS 3)	>41	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT:			
5	0 NUMBER LED STILTS FOR 60' R/W PER QPL @ 1.0 AMPS/EA	-	AMPS
6	4 NUMBER LED STILTS FOR 100' R/W PER QPL @ 1.5 AMPS/EA	6	AMPS
7	TOTAL PROPOSED ADDITIONAL LOAD (5 + 6)	6	AMPS
REMAINING AVAILABLE LOAD (4 MINUS 7)		35	AMPS

CITY OF LAS VEGAS
FIRE DEPARTMENT APPROVAL
BY: [Signature] DATE: 1-28-20
APPROVAL OF THESE PLANS 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.
FIRE FLOW 4,000 GPM AT 20 PSI RESIDUAL.

BASIS OF BEARING

NORTH 00°00'51" WEST, BEING THE CENTERLINE BEARING OF RAINBOW BOULEVARD AS SHOWN ON MAP THEREOF ON FILE IN FILE 207 OF SURVEYS, PAGE 49, CLARK COUNTY OFFICIAL RECORDS.

BENCHMARK

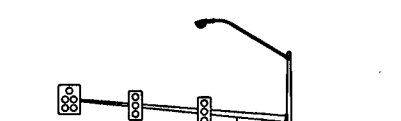
CITY OF LAS VEGAS BENCHMARK - 1LV0011SW6 - BEGIN A RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF RAINBOW BOULEVARD AND BUCKSKIN ROAD.
ELEVATION 701.09 METERS - 2,300.16 U.S. FEET NAVD88

LEGAL DESCRIPTION

SEE COVER SHEET FOR FULL LEGAL DESCRIPTION

SIGHT VISIBILITY ZONES

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 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.



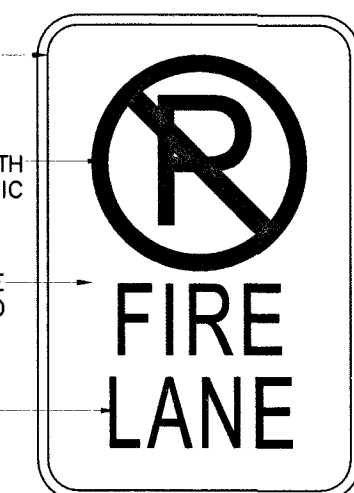
Call before you Dig
Avoid cutting underground utility lines. It's costly.



Call before you Overhead
Avoid overhead power line contact. It's costly.

FIRE FLOW DATA	
FIRE FLOW REQUIREMENT 4,000 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:	
BLDG	
TOTAL REQUIRED FIRE FLOW AT 20 PSI RESIDUAL (GPM) WITH 50% REDUCTION	4,000 GPM
OFFSITE HYDRANT FIRE FLOW PROVIDED	3,000 GPM
ONSITE FIRE FLOW PROVIDED	1,000 GPM
**TOTAL BUILDING AREA (SQ. FT.)	139,950
BUILDING HEIGHT (FT)	29'-4"
NUMBER OF STORIES	3
TYPE OF CONSTRUCTION	IIB
FULL AUTOMATIC FIRE SPRINKLER SYSTEM?	YES
OCCUPANCY TYPE	S1.8
HIGH PILED STORAGE?	NO
FIRE HYDRANTS	2 PUBLIC 1 PRIVATE

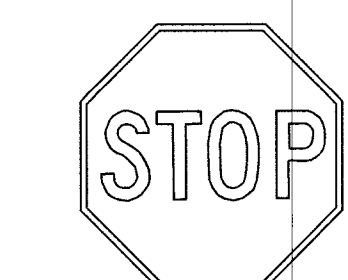
3/8 INCH RED TRIM STRIP
BLACK "P" WITH RED GRAPHIC
WHITE REFLECTIVE BACKGROUND
RED LETTERING



ON-SITE FIRE SIGN DETAIL (NOT TO SCALE)

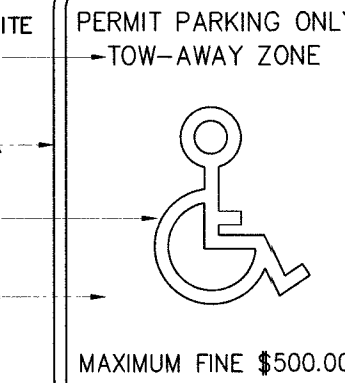


ENTRANCE WARNING SIGN DETAIL (NOT TO SCALE)



R1-1 STOP SIGN (NOT TO SCALE)

ALL LETTERING TO BE WHITE & A MINIMUM OF 1" HIGH
STANDARD SIGN #R7-8-GA
SYMBOL TO BE WHITE
BLUE REFLECTIVE BACKGROUND



MAXIMUM FINE \$500.00
VAN ACCESSIBLE
ACCESSIBLE SIGN (NOT TO SCALE)

- 1. ALL SIGNS TO BE 0.080" THICK ALUMINUM
- 2. ALL SIGNS SHALL CONFORM WITH ALL CURRENT A.D.A., FEDERAL, STATE AND LOCAL CODES AND REGULATIONS.
- 3. PLACE "VAN ACCESSIBLE" SIGN IN FRONT OF VAN ACCESSIBLE SPACES ONLY.

FIRE LANE LEGEND

- INDICATES RED PAINTED CURB WITH "NO PARKING FIRE LANE" PAINTED EVERY 50 FT. PER LVFR GUIDELINES
- ADA ROUTE TO PUBLIC R/W
- INDICATED LOCATION OF FIRE LANE SIGNS TO BE PLACED AT ENTRANCES. FIRE LANE SIGNS SHALL CONFORM TO LVFR GUIDELINES (SEE DETAIL THIS SHEET)
- PROPOSED BLUE REFLECTIVE PAVEMENT MARKER
- INDICATES FIRE HYDRANT
- INDICATES EXISTING FIRE HYDRANT
- INDICATES FIRE LANE FLOW DIRECTION
- INDICATES FDC
- SIGHT VISIBILITY ZONE
- INDICATES NEW FIRE LANE LIMITS
- TURNING RADIUS (TYPICAL)

Kimley»Horn
© 2018 KIMLEY-HORN AND ASSOCIATES, INC.
6671 LAS VEGAS BOULEVARD S., SUITE 320, LAS VEGAS, NV 89119
PHONE: 702-862-3600
WWW.KIMLEY-HORN.COM

MARIANNA A. HUNNICUTT
Exp. 06/30/21
CIVIL
Professional Seal No. 23823

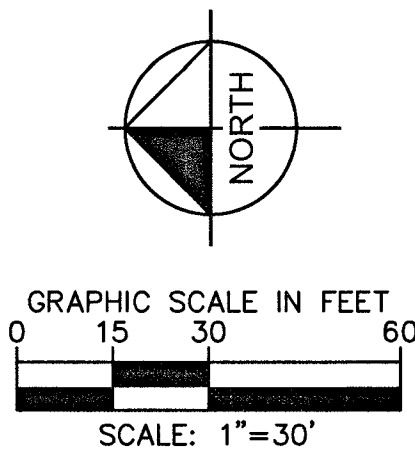
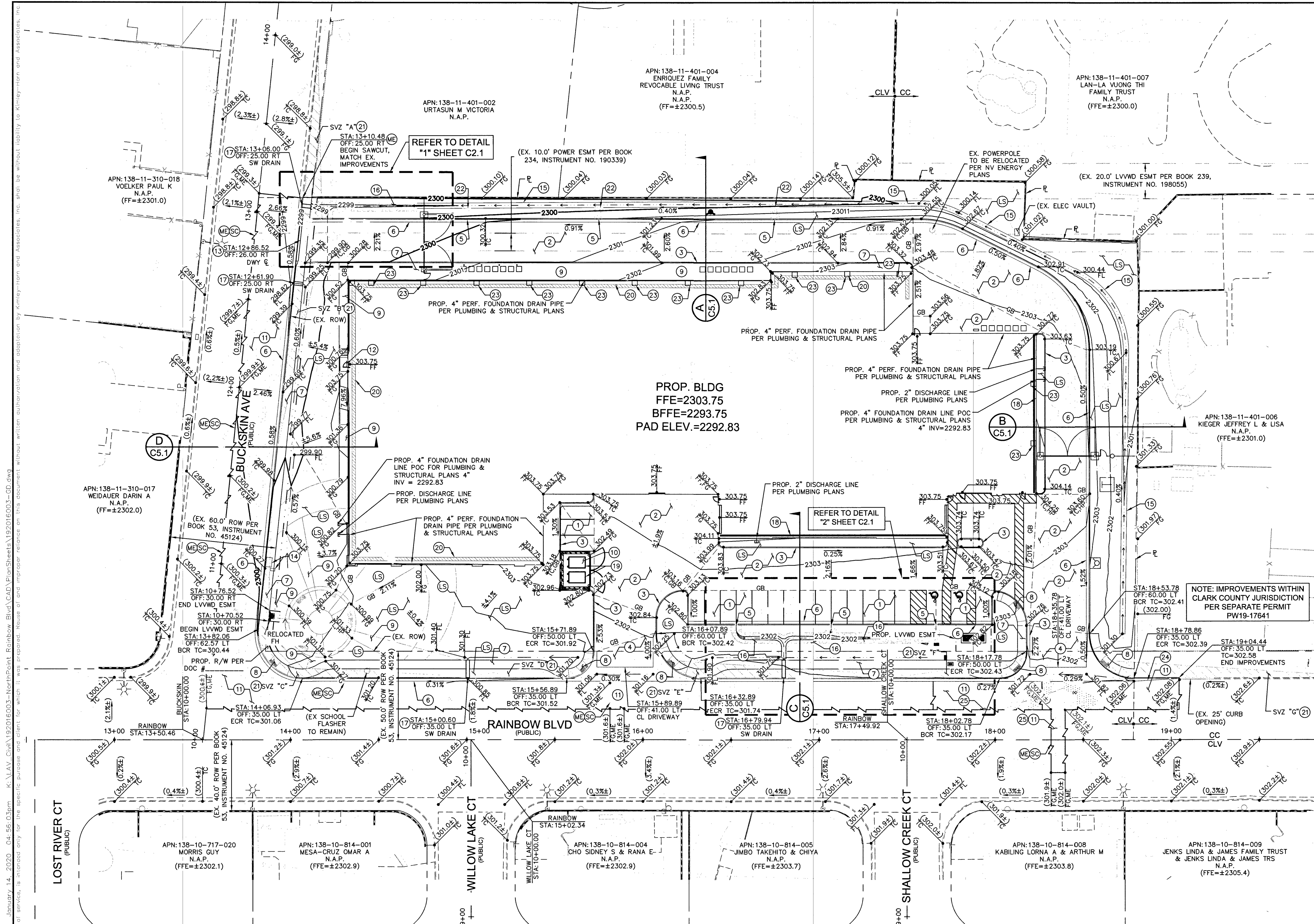
1/14/2020
KHA PROJECT 192016003
DATE 1/14/2020
SCALE AS SHOWN
DESIGNED BY MK
DRAWN BY PB/CA
CHECKED BY MH/JB

HORIZONTAL, FIRE AND TRAFFIC CONTROL PLAN

L19-01255
10777883

BEYOND SELF-STORAGE AT RAINBOW BLVD & BUCKSKIN AVE
PREPARED FOR NORTHPOINT DEVELOPMENT
LAS VEGAS

4 OF 16 SHEETS
C1.0



CONSTRUCTION NOTES

1. CONSTRUCT LIGHT AC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET C5.2
2. CONSTRUCT HEAVY AC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET C5.2
3. CONSTRUCT 6" CURB PER DETAIL 3 ON SHEET C5.2
4. CONSTRUCT COMMERCIAL CURB RETURN DRIVEWAY PER CCAUSD NO. 222.1 & 225
5. CONSTRUCT 2.0' WIDE CURB CUT PER DETAIL 4 ON SHEET C5.2
6. CONSTRUCT "L" TYPE CURB & GUTTER PER CCAUSD NO. 216
7. CONSTRUCT 4" SIDEWALK PER CCAUSD NO. 234
8. CONSTRUCT SIDEWALK RAMP CASE III PER CCAUSD NO. 235, A=8", B=8", UNLESS OTHERWISE NOTED
9. CONSTRUCT ONSITE SIDEWALK PER CCAUSD NO. 234, COLOR & FINISH PER ARCH PLANS
10. CONSTRUCT PCC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL DETAIL 1 ON SHEET C5.2
11. CONSTRUCT COLLECTOR PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET C5.2
12. CONSTRUCT STAIRS & RAMP WITH HANDRAILS PER ARCHITECTURAL PLANS
13. CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD NO. 224
14. EXISTING UTILITIES TO BE ADJUSTED TO GRADE
15. CONSTRUCT 3.0' WIDE VALLEY GUTTER PER DETAIL 7 ON SHEET C5.2
16. INSTALL LID ROCK LINED SWALE PER (D50=3", T=6") DETAIL 5 ON SHEET C5.2
17. CONSTRUCT SIDEWALK UNDERDRAIN PER CCAUSD NO. 236
18. CONSTRUCT RETAINING STEM WALL PER SEPARATE STRUCTURAL PLANS
19. CONSTRUCT TRASH ENCLOSURE PER SEPARATE ARCHITECTURAL PLANS & DETAILS (BY OTHERS)
20. EXPOSED BASEMENT WALL FOUNDATION PER SEPARATE STRUCTURAL PLANS & DETAILS (BY OTHERS) (PER SEPARATE PERMIT)
21. SIGHT VISIBILITY ZONE - SEE DETAIL 8 ON SHEET C5.2
22. INSTALL 5' WIDE RIPRAP PAD, D50=6", T=12"
23. INSTALL ROOF DRAIN DOWNSPOUT 12" ABOVE GRADE AND SPLASH TO GRADE, SEE ARCHITECTURAL PLANS & DETAILS FOR ROOF DRAIN LOCATIONS
24. INSTALL 25.8 LF TRANSITION FROM "L" TYPE CURB & GUTTER TO 6" CURB PER DETAIL 9 ON SHEET C5.2
25. TRENCH AND BACKFILL PER CCAUSD 503
26. LANDSCAPE AREA - TO BE MAINTAINED BY OWNER
- ME MATCH EXISTING
- SC SAWCUT CLEAN EDGE (1" MINIMUM)

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY THE EX. GRADES PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN THE FIELD CONDITION AND THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
2. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE IS MAINTAINED AWAY FROM THE BUILDING AT ALL TIMES DURING CONSTRUCTION.
3. ALL PAVEMENT SECTIONS SHOWN HEREIN ARE BASED ON THE RECOMMENDATIONS OF A GEOTECHNICAL ENGINEER.
4. ONSITE STORMWATER CONVEYANCE SYSTEM IS TO BE PRIVATELY MAINTAINED.
5. ADD 2.000' TO ALL 2-DIGIT ELEVATIONS UNLESS OTHERWISE NOTED.
6. REFER TO SHEET C0.2 FOR LEGEND AND ABBREVIATIONS.
7. PRIOR TO START OF CONSTRUCTION, CONTRACTOR TO VERIFY THAT A MINIMUM OF 4 INCHES OF COVER EXISTS OVER THE FOOTING OF THE CMU RETAINING WALL. CONTRACTOR TO NOTIFY ENGINEER IN THE CASE OF ANY DISCREPANCIES.

STORMWATER MANAGEMENT & ENGINEER NOTES

SEE SHEET C0.2 FOR FULL STORMWATER MANAGEMENT & ENGINEER NOTES.

BASIS OF BEARING

NORTH 00°00'51" WEST, BEING THE CENTERLINE BEARING OF RAINBOW BOULEVARD AS SHOWN ON MAP THEREOF ON FILE IN FILE 107 OF SURVEYS, PAGE 49, CLARK COUNTY OFFICIAL RECORDS.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK - 11VD031SW6 - BEGIN A RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF RAINBOW BOULEVARD AND BUCKSKIN ROAD. ELEVATION 701.09 METERS - 2,300.16 U.S. FEET NAVD88

FLOOD ZONE NOTE

SUBJECT PROPERTY IS LOCATED IN "ZONE X" DEFINED AS: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, PER FEMA FLOOD INSURANCE RATE MAP NO. 32003C2155F, MAP REVISED NOVEMBER 16, 2011

GEOTECHNICAL NOTE

ALL GRADING AND PAVEMENT SECTIONS SHALL CONFORM TO THE GEOTECHNICAL REPORT:

ENGINEER: NOVA GEOTECHNICAL & INSPECTION SERVICES, LLC
REPORT DATED: NOVEMBER 5, 2018
ADDENDUM DATED: JUNE 7, 2019
PROJECT NO.: G-18-200

GEOTECHNICAL GENERAL NOTE

NOTE (ALL BUILDINGS): PER GEOTECHNICAL RECOMMENDATIONS, POSITIVE DRAINAGE OF 5% MINIMUM SHALL BE MAINTAINED FOR AREAS ADJACENT TO STRUCTURES THAT ARE NOT COVERED IN ASPHALT OR CONCRETE. THE 5% MINIMUM SLOPE SHALL BE MAINTAINED FOR A MINIMUM OF 10'.

EARTHWORKS QUANTITIES

NOTE: THESE QUANTITIES ARE APPROXIMATE RAW VOLUMES AND ARE USED FOR BONDING PURPOSES ONLY. OVEREXCAVATION, SUBSIDENCE, SHRINKAGE & BULKING FACTORS ARE NOT TAKEN INTO ACCOUNT.

CUT = 21,410 C.Y.
FILL = 1,200 C.Y.

LEGAL DESCRIPTION

SEE COVER SHEET FOR FULL LEGAL DESCRIPTION

SIGHT VISIBILITY ZONES

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 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.

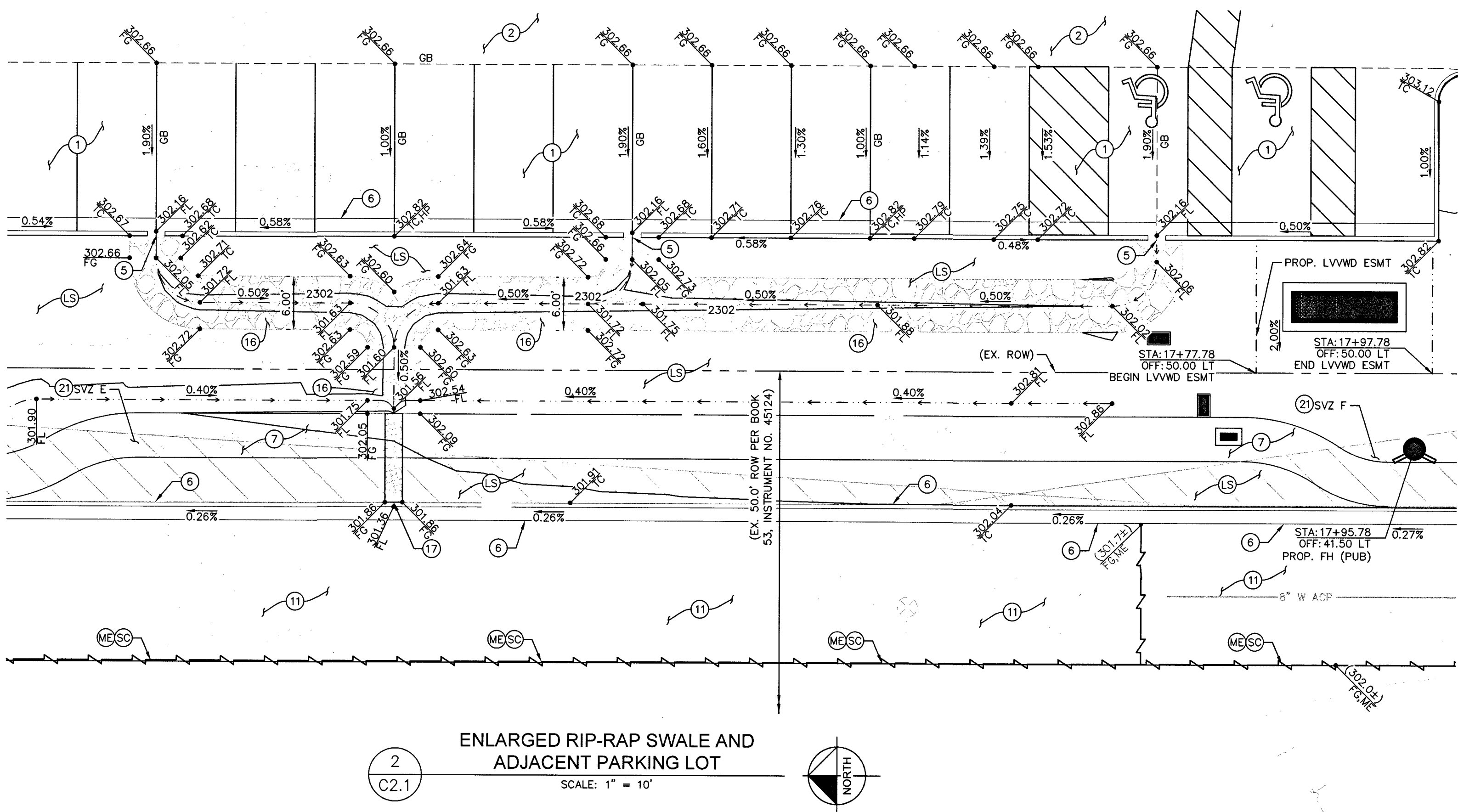
DRAINAGE CERTIFICATION

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT, DS-5119 & PW19-14677.

Marianna Hunnicutt
MARIANNA HUNNICUTT, PE No. 23823

1/14/2020
DATE:

Kimley»Horn © 2018 KIMLEY-HORN AND ASSOCIATES, INC. 6671 LAS VEGAS BOULEVARD S., SUITE 320, LAS VEGAS, NV 89119 PHONE: 702-882-3600 WWW.KIMLEY-HORN.COM		No.	REVISIONS	DATE	BY
GRADING PLAN					
L19-01255 107V7883					
BEYOND SELF-STORAGE AT RAINBOW BLVD & BUCKSKIN AVE PREPARED FOR NORTHPOINT DEVELOPMENT LAS VEGAS					
5 OF 16 SHEETS C2.0					



CONSTRUCTION NOTES

- ① CONSTRUCT LIGHT AC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE
DETAIL 1 ON SHEET C5.2
- ② CONSTRUCT HEAVY AC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE
DETAIL 1 ON SHEET C5.2
- ③ CONSTRUCT 6" CURB PER DETAIL 3 ON SHEET C5.2
- ⑤ CONSTRUCT 2.0' WIDE CURB CUT PER DETAIL 4 ON SHEET C5.2
- ⑥ CONSTRUCT "L" TYPE CURB & GUTTER PER CCAUSD NO. 216
- ⑦ CONSTRUCT 4" SIDEWALK PER CCAUSD NO. 234
- ⑨ CONSTRUCT ONSITE SIDEWALK PER CCAUSD NO. 234, COLOR & FINISH PER ARCH
PLANS
- ⑪ CONSTRUCT COLLECTOR PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE
DETAIL 1 ON SHEET C5.2
- ⑬ CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD NO. 224
- ⑮ CONSTRUCT 3.0' WIDE VALLEY GUTTER PER DETAIL 7 ON SHEET C5.2
- ⑰ INSTALL LID ROCK LINED SWALE PER (D50=3", T=6") DETAIL 5 ON SHEET C5.2
- ⑲ CONSTRUCT SIDEWALK UNDERDRAIN PER CCAUSD NO. 236
- ⑳ EXPOSED BASEMENT WALL FOUNDATION PER SEPARATE STRUCTURAL PLANS & DETAILS BY
OTHERS (PER SEPARATE PERMIT)
- ㉑ SIGHT VISIBILITY ZONE - SEE DETAIL 8 ON SHEET C5.2
- ㉒ LANDSCAPE AREA - TO BE MAINTAINED BY OWNER
- ME MATCH EXISTING
- SC SAWCUT CLEAN EDGE (1' MINIMUM)

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY THE EX. GRADES PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN THE FIELD CONDITION AND THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
 2. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE IS MAINTAINED AWAY FROM THE BUILDING AT ALL TIMES DURING CONSTRUCTION.
 3. ALL PAVEMENT SECTIONS SHOWN HEREIN ARE BASED ON THE RECOMMENDATIONS OF A GEOTECHNICAL ENGINEER.
 4. THE STORMWATER CONVEYANCE SYSTEM IS TO BE PRIVATELY MAINTAINED.
 5. ADD 2.00' TO ALL 2-DIGIT ELEVATIONS UNLESS OTHERWISE NOTED.
 6. REFER TO SHEET C0.3 FOR LEGEND AND ABBREVIATIONS.
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR TO VERIFY THAT A MINIMUM OF 4 INCHES OF COVER EXISTS OVER THE FIRST ROW OF THE RETAINING WALL. CONTRACTOR TO NOTIFY ENGINEER IN THE CASE OF ANY DISCREPANCIES.

STORMWATER MANAGEMENT & ENGINEER NOTES

SEE SHEET C0.2 FOR FULL STORMWATER MANAGEMENT & ENGINEER NOTES.

BASIS OF BEARING

NORTH 00°00'51" WEST, BEING THE CENTERLINE BEARING OF RAINBOW BOULEVARD AS SHOWN ON MAP THEREOF ON FILE IN FILE 207 OF SURVEYS, PAGE 49, CLARK COUNTY OFFICIAL RECORDS.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK - 1LV0011SWW6 - BEGIN A RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF RAINBOW BOULEVARD AND BUCKSKIN ROAD. ELEVATION 701.09 METERS - 2,300.16 U.S. FEET NAVD88

FLOOD ZONE NOTE

SUBJECT PROPERTY IS LOCATED IN "ZONE X" DEFINED AS: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. PER FEMA FLOOD INSURANCE RATE MAP NO. 32003C2155F, MAP REVISED NOVEMBER 16, 2011

GEOTECHNICAL NOTE

ALL GRADING AND PAVEMENT SECTIONS SHALL CONFORM TO THE GEOTECHNICAL REPORT:

ENGINEER: NOVA GEOTECHNICAL & INSPECTION SERVICES, LLC
REPORT DATED: NOVEMBER 5, 2018
PROJECT No.: G-18-200

GEOTECHNICAL GENERAL NOTE

NOTE (ALL BUILDINGS): PER GEOTECHNICAL RECOMMENDATIONS, POSITIVE DRAINAGE OF 5% MINIMUM SHALL BE MAINTAINED FOR AREAS ADJACENT TO STRUCTURES THAT ARE NOT COVERED IN ASPHALT OR CONCRETE. THE 5% MINIMUM SLOPE SHALL BE MAINTAINED FOR A MINIMUM OF 10'.

EARTHWORKS QUANTITIES

NOTE: THESE QUANTITIES ARE APPROXIMATE RAW VOLUMES AND ARE USED FOR BONDING PURPOSES ONLY. OVEREXCAVATION, SUBSIDENCE, SHRINKAGE & BULKING FACTORS ARE NOT TAKEN INTO ACCOUNT.

CUT = 21,410 C.Y.
FILL = 1,200 C.Y.

LEGAL DESCRIPTION

SEE COVER SHEET FOR FULL LEGAL DESCRIPTION

SIGHT VISIBILITY ZONES

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 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

DRAINAGE CERTIFICATION

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT, DS-5119

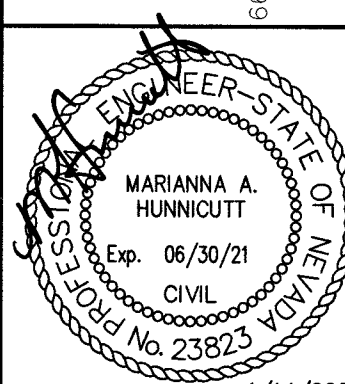

MARIANNA HUNNICUTT, PE No. 23823

APPROVED FOR CONSTRUCTION

Kjalar
LAS VEGAS VALLEY WA

PROJECT NO. 136822 FIRST APPROVED DATE: 2/4/2020

Kimley»»Horn
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371 LAS VEGAS BOULEVARD S., SUITE 320, LAS VEGAS, NV 89101
PHONE: 702-862-3600
WWW.KIMLEY-HORN.COM



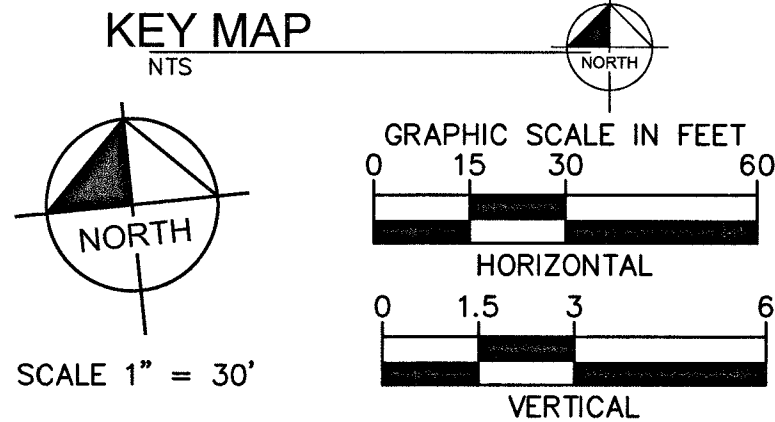
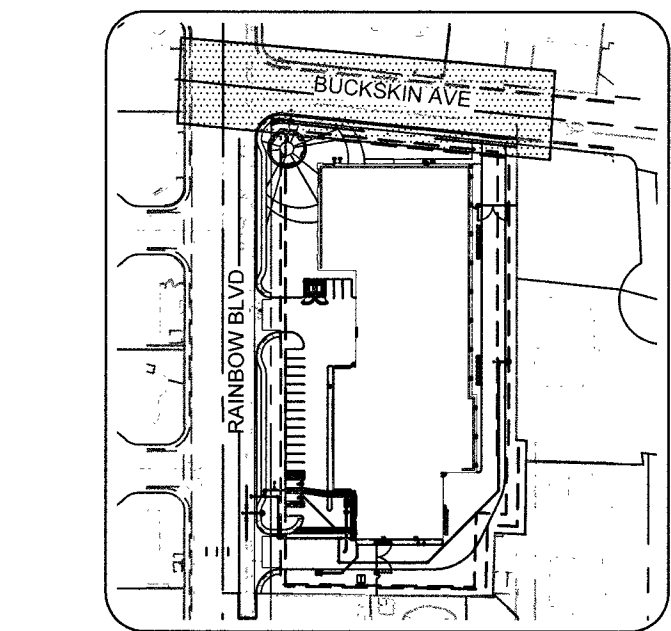
KHA PROJECT	DATE	SCALE	AS SHOWN	DESIGNED BY	MD	DRAWN BY	PB,C
192016003	1/14/2020						

GRADING PLAN ENLARGED DETAILS

L19-01255
107V7883

BEYOND SELF-STORAGE
AT RAINBOW BLVD &
BUCKSKIN AVE
PREPARED FOR
NORTHPOINT DEVELOPMENT

6 OF 16 SHEETS
C2.1



SCALE: 1"=30' - HORZ
1"=3' - VERT

- ⑥ CONSTRUCT "L" TYPE CURB & GUTTER PER CCAUSD NO. 216
- ⑦ CONSTRUCT 4" SIDEWALK PER CCAUSD NO. 234
- ⑧ CONSTRUCT SIDEWALK RAMP CASE III PER CCAUSD NO. 235. A=8", B=8", UNLESS OTHERWISE NOTED
- ⑨ CONSTRUCT ONSITE SIDEWALK PER CCAUSD NO. 234, COLOR & FINISH PER ARCH PLANS
- ⑪ CONSTRUCT COLLECTOR PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET CS.2
- ⑪ INSTALL LID ROCK LINED SWALE PER (D50=3", T=6") DETAIL 5 ON SHEET CS.2
- ⑪ CONSTRUCT SIDEWALK UNDERDRAIN PER CCAUSD NO. 236
- ME MATCH EXISTING
- SC SAWCUT CLEAN EDGE (1' MINIMUM)

SEE GRADING PLAN FOR FULL STORMWATER MANAGEMENT NOTES.

SEE COVER SHEET FOR FULL LEGAL DESCRIPTION

SUBJECT PROPERTY IS LOCATED IN "ZONE X" DEFINED AS: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. PER FEMA FLOOD INSURANCE RATE MAP NO. 32003C2155F, MAP REVISED NOVEMBER 16, 2011

NORTH 00°00'51" WEST, BEING THE CENTERLINE BEARING OF RAINBOW BOULEVARD AS SHOWN ON MAP THEREOF ON FILE IN FILE 207 OF SURVEYS, PAGE 49, CLARK COUNTY OFFICIAL RECORDS.

CITY OF LAS VEGAS BENCHMARK - 1LV0011SWW6 - BEGIN A RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF RAINBOW BOULEVARD AND BUCKSKIN ROAD. ELEVATION 701.09 METERS - 2,300.16 U.S. FEET NAVD88

1. ALL WORK SHALL CONFORM TO THE SOILS REPORT PREPARED BY SOUTHWEST GEOTECHNICAL PROJECT NO. 182334, DATED 09/13/2018.
2. ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST EDITION.
3. FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF INCH ABOVE FINISHED GRADE.
4. THE CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION. THIS PLAN SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED BY THE CLARK COUNTY ENGINEER.
5. THE ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
6. THE CLARK COUNTY ENGINEER SHALL BE VERIFIED FOR CONSTRUCTION PRIOR TO CONSTRUCTION. THE PERMITTER SCREENING AND RETAINING WALL PERMIT TO BE COMPLETED PER SEPARATE PLANS AND PERMIT BY OTHERS.
7. ALL EXCAVATIONS ARE TO BE BACK OF CURB UNLESS OTHERWISE NOTED.
8. OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS SHOWN AND TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DISTURBED, DESTROYED, OR OBSCURED DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL VERIFY THE EX GRADES PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN THE FIELD CONDITION AND THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
10. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE IS MAINTAINED.
11. THE EXISTING AND PROPOSED SECTIONS SHOWN HEREIN ARE BASED ON THE RECOMMENDATIONS OF A GEOTECHNICAL ENGINEER.
12. ONSITE STORMWATER CONVEYANCE SYSTEM IS TO BE PRIVATELY MAINTAINED.
13. THE ELEVATION TO A 2-DIGIT ELEVATION SHALL BE USED UNLESS OTHERWISE NOTED.
14. REFER TO SHEET CO.3 FOR LEGEND AND ABBREVIATIONS.

Ryan Stemmerik 2/13/2020
SOUTHWEST GAS CORPORATION DATE

APPROVED FOR CONSTRUCTION

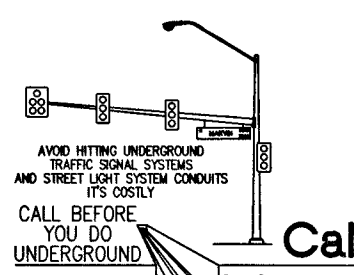
John
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136822 FIRST APPROVED DATE: 2/4/2020

CAUTION: HIGH PRESSURE GAS! CALL SOUTHWEST GAS AT 702-400-1789 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION

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 LEAST 24 INCHES HEIGHT MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTS, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ADJUTANT ASPHALT, GRAVEL OR PAVEMENT STREET SURFACE. THIS RESTRICTION EXTENDS ALONG THE SIGHT VISIBILITY LINE THROUGH LANDSCAPED MEDIANS. SEE DETAIL SHEET C5.4 FOR ALL SITE VISIBILITY ZONE DIMENSIONS.

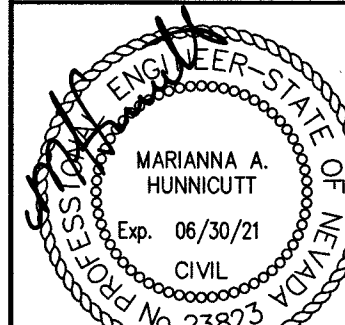
THE CONTRACTOR SHALL REMOVE AND RELOCATE BOTH THE UPPER AND LOWER BARRELS OF THE EXISTING FIRE HYDRANT(S) WHERE SHOWN, EXTEND THE LATERAL AS REQUIRED, AND REINSTALL SUCH HYDRANT(S) AT THE NEW LOCATION(S) INDICATED. FIRE HYDRANTS SHALL BE TESTED PRIOR TO AND AFTER RELOCATION, UNDER THE DIRECTION OF LVVWD, TO ENSURE QUALITY. INSTALLATION SHALL BE IN ACCORDANCE WITH UDACS PLATE 40/41. LATERALS MADE OF UNAPPROVED MATERIALS SHALL BE REPLACED FROM THE MAIN TO THE FIRE HYDRANT. RELOCATIONS WHERE THE LATERAL CANNOT BE EXTENDED SHALL BE TREATED AS NEW INSTALLATIONS.



Call before you Dig Avoid overhead power line contact. It's costly.

CALL
811

**Call
Before You
Overhead**
1-702-227-2929



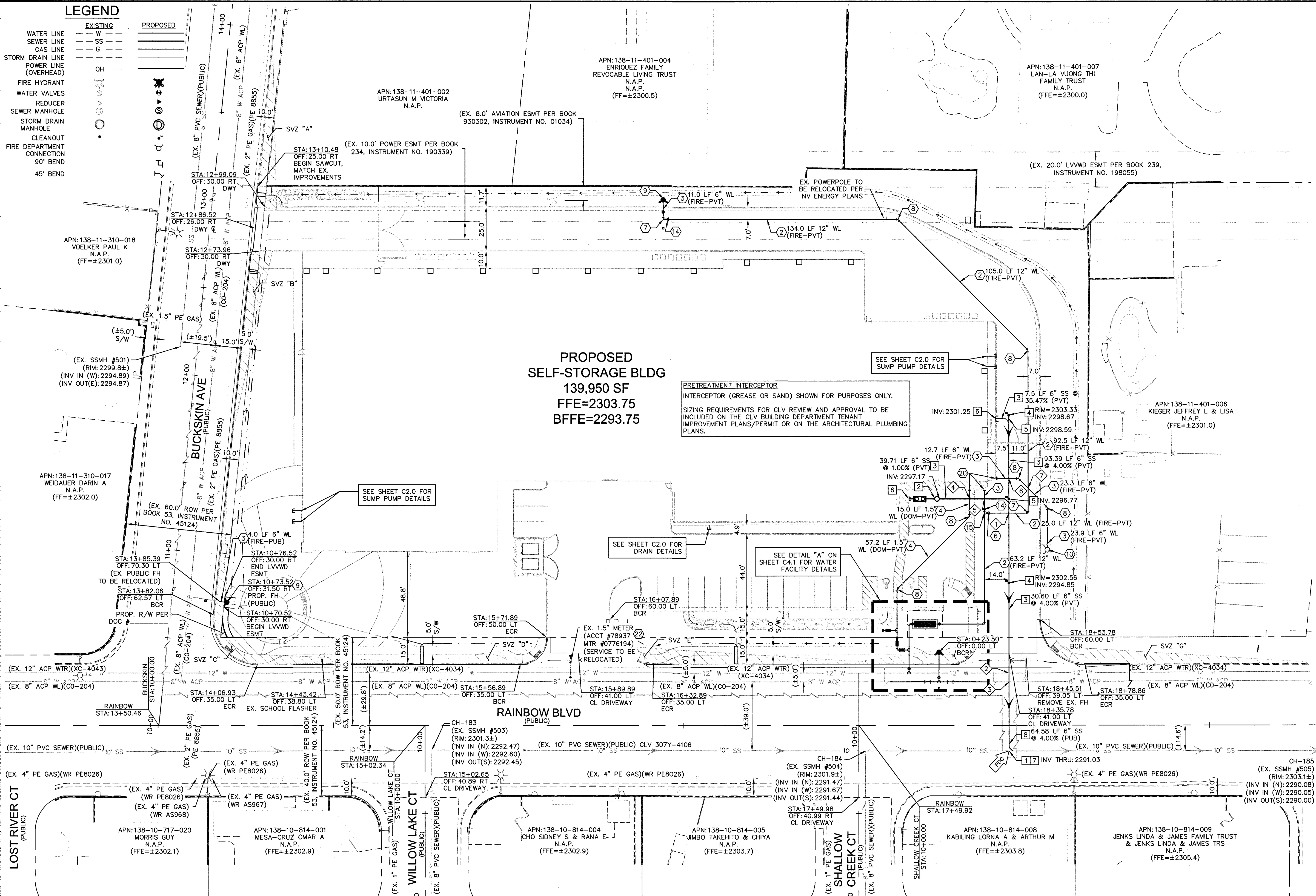
KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY
192016003	1/14/2020	AS SHOWN	MH	PB,CA

PLAN & PROFILE BUCKSKIN AVE

L19-01255
107V7883

BEYOND SELF-STORAGE
AT RAINBOW BLVD &
BUCKSKIN AVE
PREPARED FOR
NORTHPOINT DEVELOPMENT

Plotted By: Nguyen-Schneider, Th. Sheet: S-10-NORTHPOINT RAINBOW Layout: C4.0 January 14, 2020 04:56:20pm K:\LA-Vail\192016003-NorthPoint RAINBOW\Bldg\CAD\PlanSheets\192016003-C4-UT.dwg



WATER NOTES

- INSTALL 12" PVC WATER LINE - C900, CLASS 150 PER UDACS PLATE NO. 17
- INSTALL 6" PVC WATER LINE - C900, CLASS 150 PER UDACS PLATE NO. 17
- INSTALL 1.5" PVC WATER LINE - C900, CLASS 150 PER UDACS PLATE NO. 17
- INSTALL GATE VALVE SAME SIZE AS LINE PER UDACS PLATES NO. 39 W/ THRUST BLOCK (SIZE 4" OR GREATER) PER UDACS PLATE NO. 30
- INSTALL 90° BEND SAME SIZE AS LINE W/ THRUST BLOCK (SIZE 4" OR GREATER) PER UDACS PLATE NO. 31
- INSTALL 45° BEND SAME SIZE AS LINE W/ THRUST BLOCK (SIZE 4" OR GREATER) PER UDACS PLATE NO. 31
- INSTALL FIRE HYDRANT ASSEMBLY & 6" GATE VALVE PER UDACS PLATE NO. 40 WITH THRUST BLOCK PER UDACS PLATE NO. 40 OR 41
- INSTALL FIRE DEPARTMENT CONNECTION STAND ALONE
- INSTALL 12" x 6" REDUCER
- INSTALL 6" x 12 x 12" TEE WITH THRUST BLOCK PER UDACS PLATE NO. 31
- REFER TO PLUMBING PLANS FOR CONTINUATION
- EX. 1.5" METER (TO BE TURNED INTO LVVWD) AND RRPA TO BE RELOCATED PER PLAN, STUB, CAP AND ABANDON EXISTING SERVICE LATERAL 12" FROM EXISTING MAIN TAP PER UDACS SECTIONS 2.17.01, B, 2.17.04, AND 2.17.05

SEWER NOTES

- CONTRACTOR TO VERIFY INVERT PRIOR TO COMMENCING CONSTRUCTION
- INSTALL SAND-OIL INTERCEPTOR PER SEPARATE PLUMBING PLANS
- INSTALL 6" PVC (SDR-35) SEWER MAIN PER DCSWCS SD-17, SD-20, SD-23 (PRIVATE)
- INSTALL 6" CLEANOUT W/ TRAFFIC RATED BOX PER SD-24 (PRIVATE)
- INSTALL WYE & 45° BEND PER SD-20 (PRIVATE)
- SEE PLUMBING PLANS FOR CONTINUATION (PRIVATE)
- INSTALL WYE & 45° BEND PER SD-20 (PUBLIC)
- INSTALL 6" PVC (SDR-35) SEWER MAIN PER DCSWCS SD-17, SD-20, SD-23 (PRIVATE)

CROSSINGS

- 12" WATER INV = ±2298.42, 6" SEWER TOP = ±2296.92, CLEARANCE = 1.50' MIN
- 12" WATER INV = ±2296.97, 6" SEWER TOP = ±2293.28, CLEARANCE = 3.69'
- 8" WATER INV = ±2297.37, 6" SEWER TOP = ±2293.10, CLEARANCE = 4.27'
- 2" WATER INV = ±2299.37, 6" SEWER TOP = ±2297.63, CLEARANCE = 1.73'
- 6" WATER INV = ±2299.03, 6" SEWER TOP = ±2297.55, CLEARANCE = 1.50' MIN
- 6" WATER INV = ±2299.52, 6" SEWER TOP = ±2297.90, CLEARANCE = 1.62'
- 12" WATER INV = ±2299.12, 6" WATER TOP = ±2297.62, CLEARANCE = 1.50' MIN

EASEMENT WITH TREES, SHRUBS, DECORATIVE ROCKS, BLOCK WALL/FENCE

TREES, SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL, SHALL BE DESIGNED AND CONSTRUCTED AROUND THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BACKFLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.

LVVWD NOTES: ABANDONMENT OF EXISTING SERVICE LATERALS

ABANDONMENT OF EXISTING SERVICE LATERALS (TWO (2) INCH AND SMALLER) THE CONTRACTOR SHALL NOTIFY THE AGENCY TWO (2) FULL BUSINESS DAYS PRIOR TO THE REQUESTED REMOVAL TIME TO ALLOW THE AGENCY TO TAKE THE FINAL METER READING. THE CONTRACTOR MAY THEN BEGIN REMOVAL PROCEDURES FOR THE AFFECTED SERVICE AS FOLLOWS:

EXISTING SERVICE LATERALS TO BE ABANDONED FROM EXISTING WATER MAINS SHALL HAVE THE CORPORATION STOPS TURNED OFF AT THE MAIN, A MINIMUM OF TWELVE (12) INCHES OF THE LATERAL CUT OUT NEAR THE CORPORATION STOPS AND A BRASS CAP INSTALLED ON THE CORPORATION STOP. IF THE CORPORATION STOP IS DAMAGED BEYOND REPAIR OR PULLED FROM THE EXISTING WATER MAIN, THE MAIN SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE IN A MANNER APPROVED BY THE AGENCY. IF IT IS DISCOVERED THE CORPORATION STOP IS NOT WATER TIGHT, THROUGH NO FAULT OF THE CONTRACTOR, THE CONTRACTOR SHALL NOTIFY THE AGENCY FOR FURTHER DIRECTION. THE EXISTING METER(S) SHALL BE REMOVED AND DELIVERED TO THE AGENCY.

SOUTHWEST GAS NOTE

CAUTION: HIGH PRESSURE GAS! CALL SOUTHWEST GAS AT 702-400-1789 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION

SOUTHWEST GAS APPROVAL

APPROVED FOR CONSTRUCTION
DATE: 2/13/2020
SOUTHWEST GAS CORPORATION

CITY OF LAS VEGAS FIRE DEPARTMENT APPROVAL

APPROVED FOR CONSTRUCTION
DATE: 1-28-20
APPROVAL OF THESE PLANS 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.
FIRE FLOW 4,000 GPM AT 20 PSI RESIDUAL.

APPROVED FOR CONSTRUCTION

APPROVED FOR CONSTRUCTION
DATE: 2/4/2020
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT NO. 136822 FIRST APPROVED DATE: 2/4/2020
APPROVED FIRE FLOW 4,000 GPM/ONSITE 1,000 GPM

PROPOSED
SELF-STORAGE BLDG
139,950 SF
FFE=2303.75
BFFE=2293.75

METER & BACKFLOW TABLE	
ITEM	QUANTITY
1.5" METER (DOM) PER UDACS 4 (PUBLIC)	1
1.5" RPPA (DOM) PER UDACS 8 (PUBLIC)	1
1" RPPA (IRR) PER UDACS 3 (PRIVATE)	1
10" RPDA (FIRE) PER UDACS 59 (PUBLIC)	1

LVVWD GENERAL NOTES

- PROTECT IN PLACE AND ADJUST LVVWD EXISTING FACILITIES TO FINISHED GRADE PER UDACS. ALL LVVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.
- DISPOSAL OF ASBESTOS CEMENT PIPE (ACP) SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
- ALL SEWER/STORM DRAIN CROSSING WATER LINES MUST COMPLY WITH UDACS SECTION 2.22

ABANDONMENT OF EXISTING SERVICES (2-INCH & SMALLER)

IF ANY OF THE EXISTING SERVICES ARE INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.17.04A AND COORDINATE WITH THE LVVWD INSPECTOR.

FIRE HYDRANT RELOCATION & LATERAL ABANDONMENT (EX. LATERAL TO BE ABANDONED)

IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.05B, AND COORDINATE WITH THE LVVWD INSPECTOR.

FIRE FLOW DATA

FIRE FLOW REQUIREMENT 4,000 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:	
TOTAL REQUIRED FIRE FLOW AT 20 PSI RESIDUAL (GPM) WITH 50% REDUCTION	4,000 GPM
OFFSITE HYDRANT FIRE FLOW PROVIDED	3,000 GPM
ONSITE FIRE FLOW PROVIDED	1,000 GPM
**TOTAL BUILDING AREA (SQ. FT.)	139,950
BUILDING HEIGHT (FT)	29'-4"
NUMBER OF STORIES	3
TYPE OF CONSTRUCTION	IIB
FULL AUTOMATIC FIRE SPRINKLER SYSTEM?	YES
OCCUPANCY TYPE	SI-B
HIGH PILED STORAGE?	NO
FIRE HYDRANTS	2 PUBLIC 1 PRIVATE

BASIS OF BEARING

NORTH 0°00'51" WEST, BEING THE CENTERLINE BEARING OF RAINBOW BOULEVARD AS SHOWN ON MAP THEREOF ON FILE IN FILE 207 OF SURVEYS, PAGE 49, CLARK COUNTY OFFICIAL RECORDS.

BENCHMARK

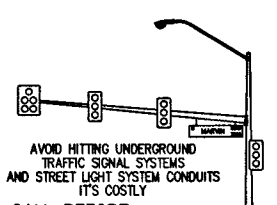
CITY OF LAS VEGAS BENCHMARK - 1LV00115W6 - BEGIN A RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF RAINBOW BOULEVARD AND BUCKSKIN ROAD, ELEVATION 701.09 METERS = 2,300.16 U.S. FEET NAVD83

LEGAL DESCRIPTION

SEE COVER SHEET FOR FULL LEGAL DESCRIPTION

SIGHT VISIBILITY ZONES

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 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.



Call before you Dig
Avoid overhead power lines. It's costly. It's costly.

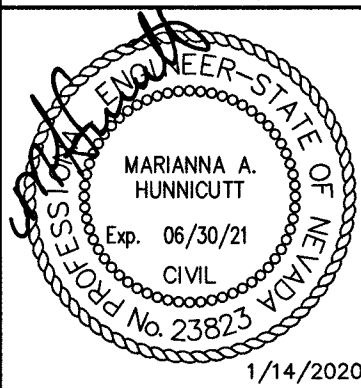


Call Before You Overhead
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1-702-227-2929

NO.	REVISIONS	DATE	BY

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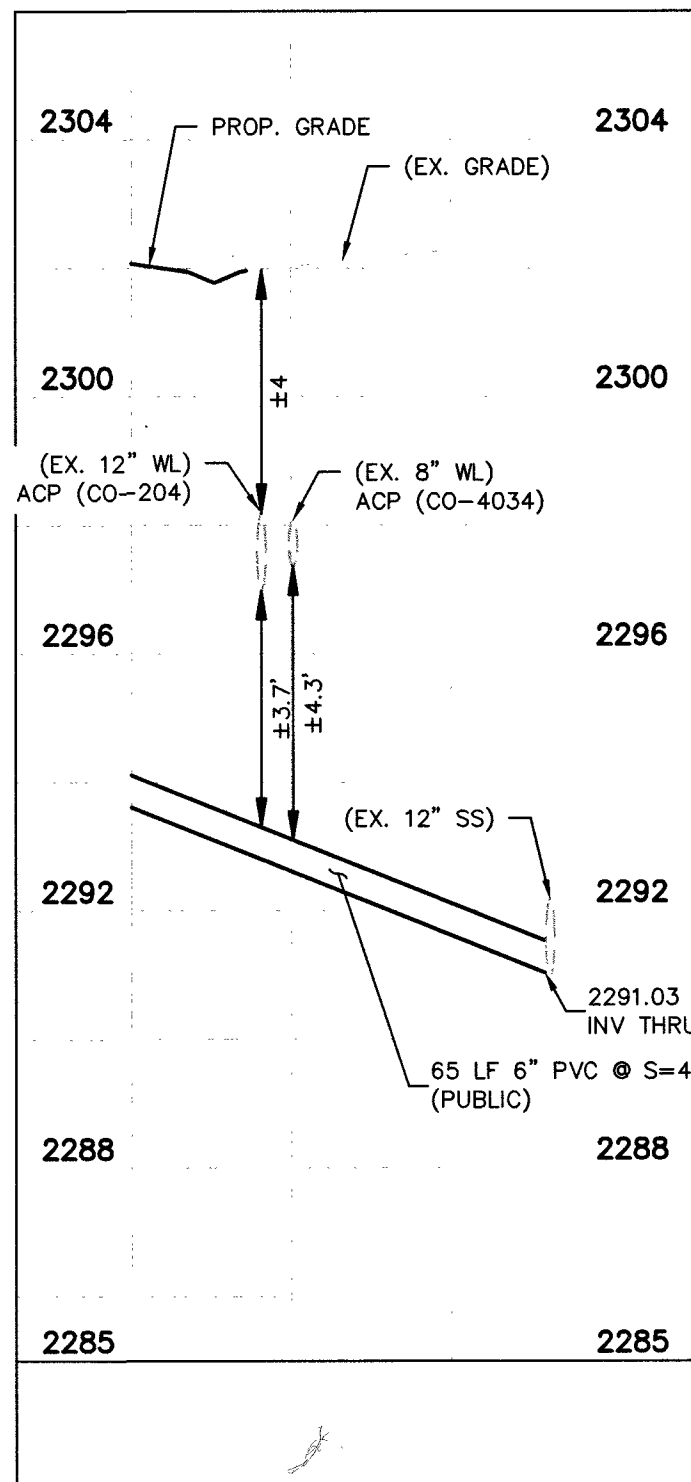
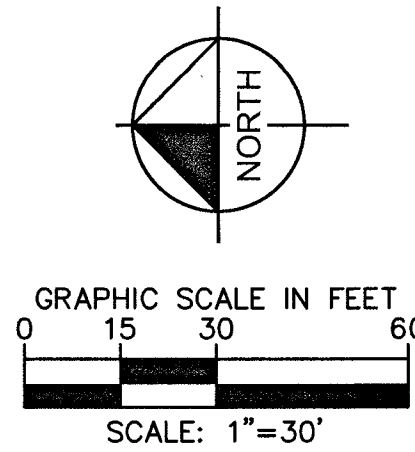
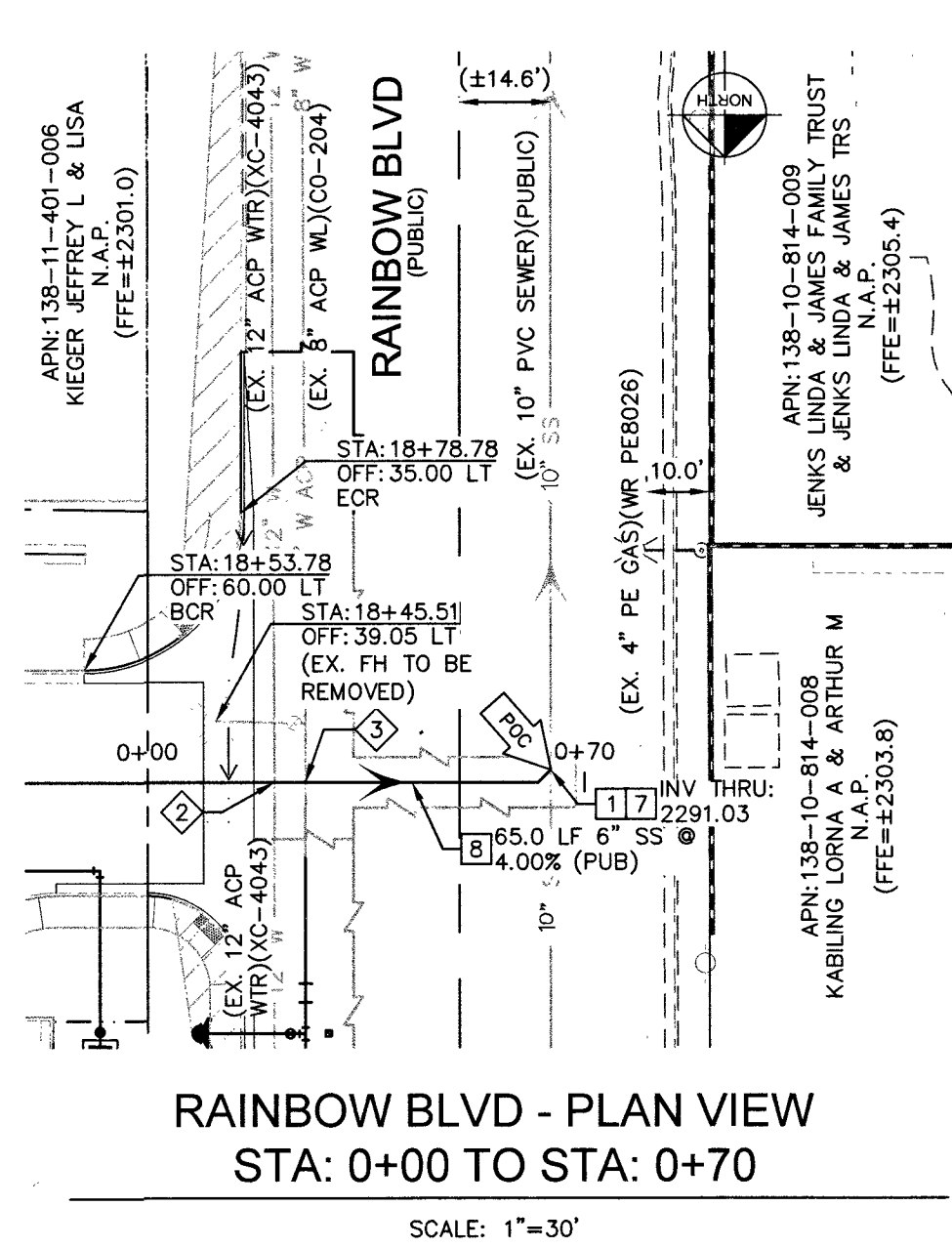
KHA PROJECT	192016003
DATE	1/14/2020
SCALE	AS SHOWN
DESIGNED BY	MM
DRAWN BY	PB, CA
CHECKED BY	MH, JB

UTILITY PLAN

L19-01255
107V7883

BEYOND SELF-STORAGE
AT RAINBOW BLVD &
BUCKSKIN AVE
PREPARED FOR
NORTHPOINT DEVELOPMENT
LAS VEGAS, NEVADA

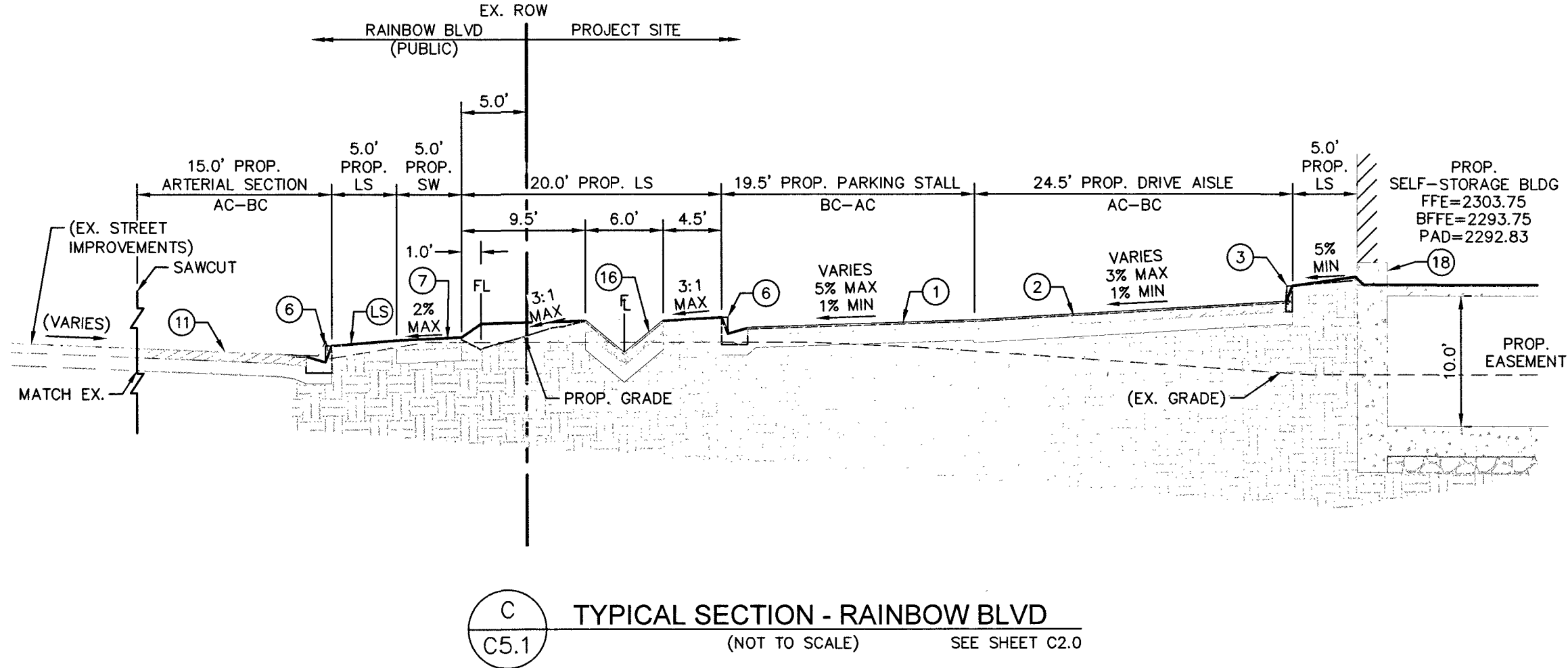
8 OF 16 SHEETS
C4.0



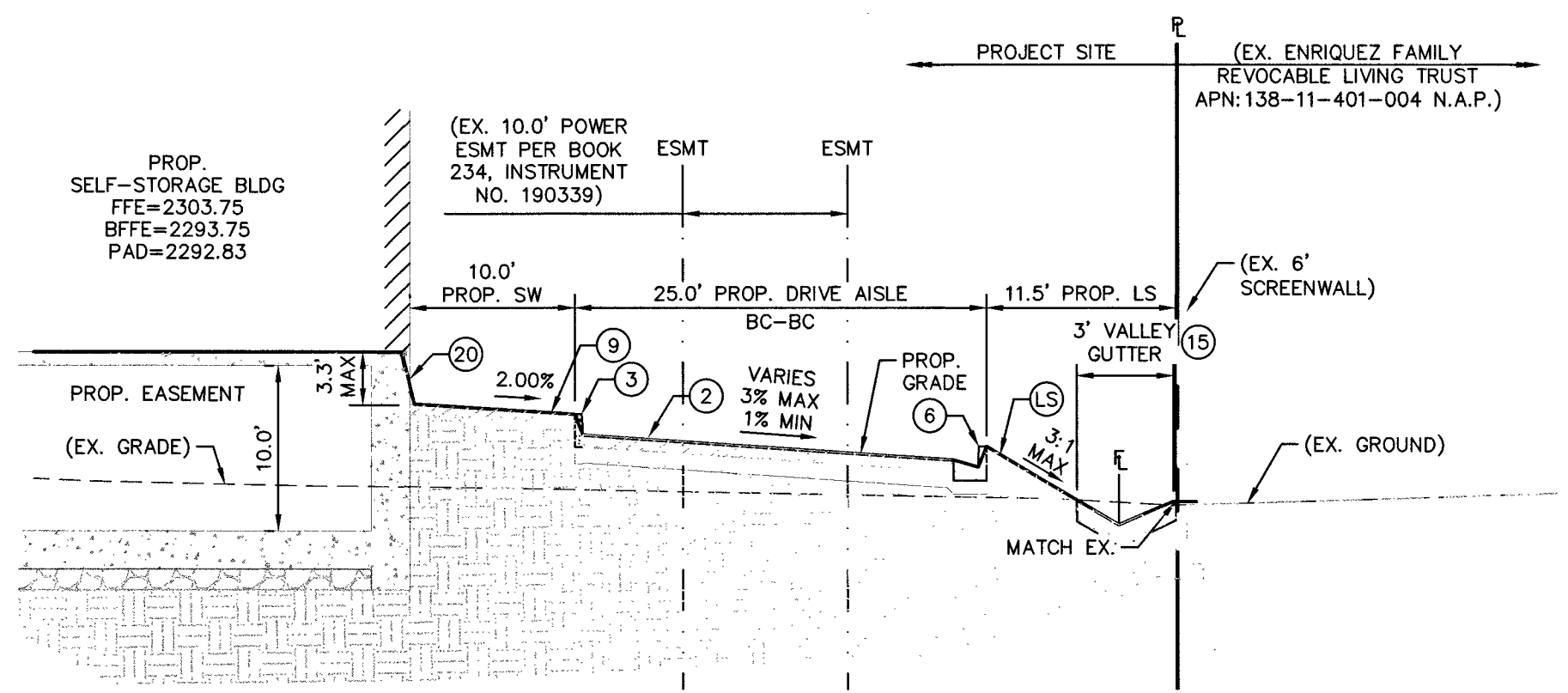
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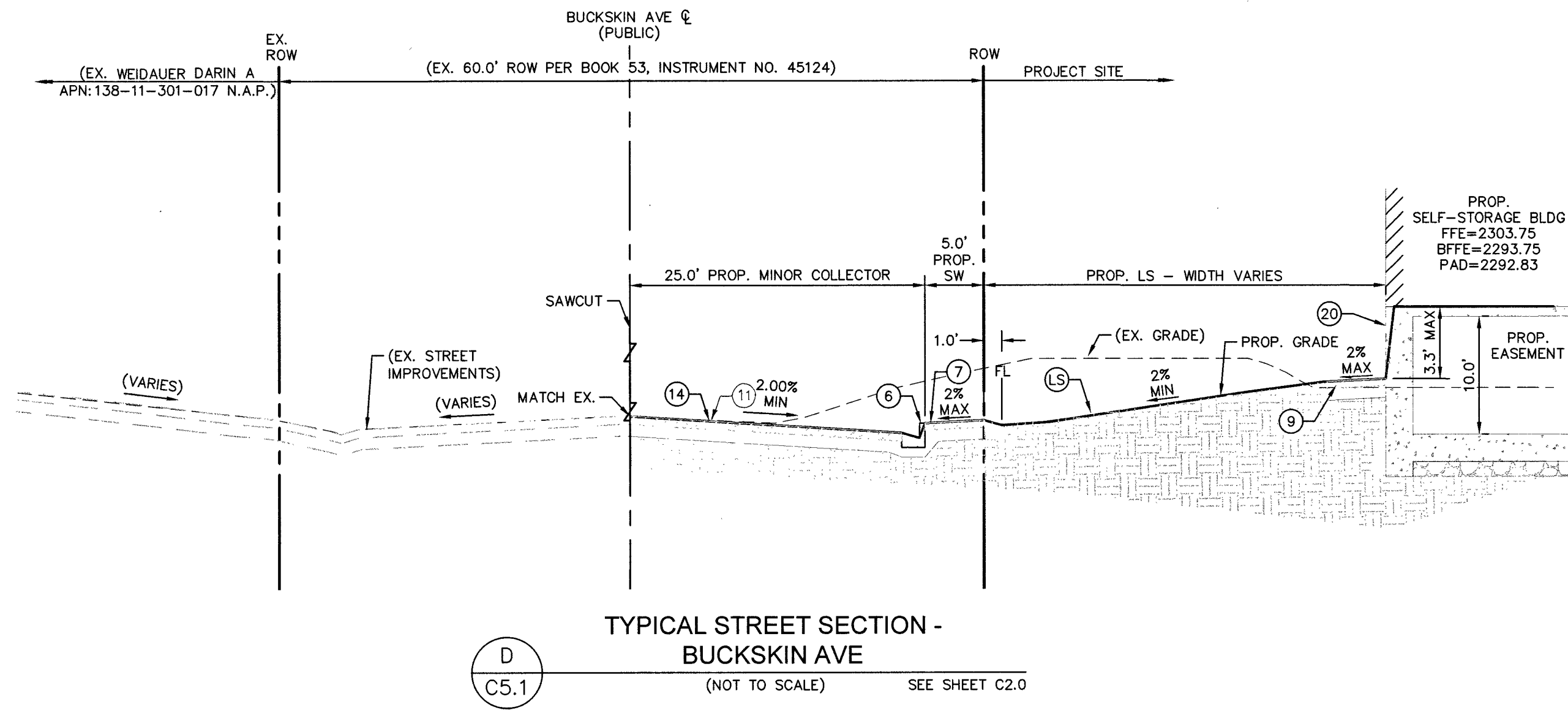
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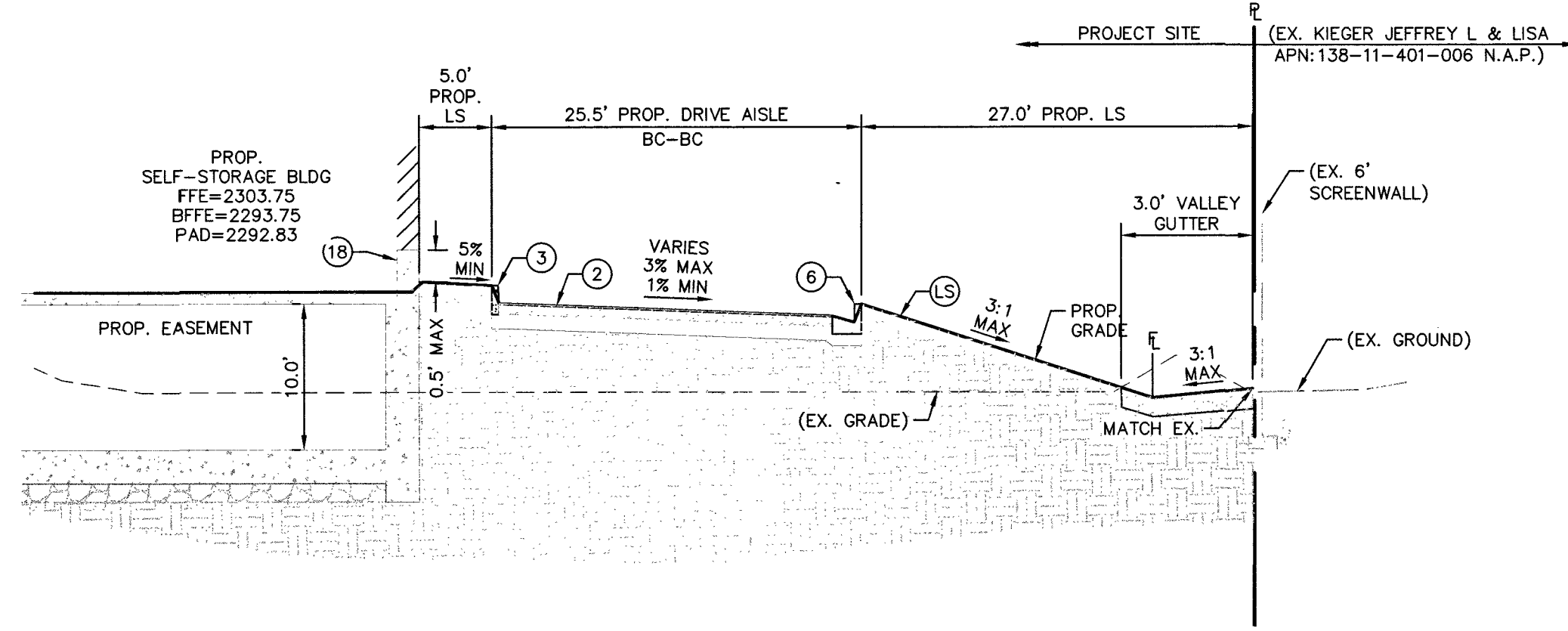
C TYPICAL SECTION - RAINBOW BLVD
C5.1 (NOT TO SCALE) SEE SHEET C2.0



A TYPICAL SECTION - EAST PL
C5.1 (NOT TO SCALE) SEE SHEET C2.0



D TYPICAL STREET SECTION - BUCKSKIN AVE
C5.1 (NOT TO SCALE) SEE SHEET C2.0



B TYPICAL SECTION - SOUTH PL
C5.1 (NOT TO SCALE) SEE SHEET C2.0

CONSTRUCTION NOTES

- 1) CONSTRUCT LIGHT AC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET C5.2
- 2) CONSTRUCT HEAVY AC PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET C5.2
- 3) CONSTRUCT 6" CURB PER DETAIL 3 ON SHEET C5.2
- 6) CONSTRUCT "L" TYPE CURB & GUTTER PER CCAUSD NO. 216
- 7) CONSTRUCT 4" SIDEWALK PER CCAUSD NO. 234
- 9) CONSTRUCT ONSITE SIDEWALK PER CCAUSD NO. 234, COLOR & FINISH PER ARCH PLANS
- 11) CONSTRUCT COLLECTOR PAVEMENT PER SOILS REPORT BY NOVA GEOTECHNICAL SEE DETAIL 1 ON SHEET C5.2
- 14) EXISTING UTILITIES TO BE ADJUSTED TO GRADE
- 15) CONSTRUCT 3.0' WIDE VALLEY GUTTER PER DETAIL 7 ON SHEET C5.2
- 16) INSTALL LID ROCK LINED SWALE PER (D50=3", T=6") DETAIL 5 ON SHEET C5.2
- 18) CONSTRUCT RETAINING STEM WALL PER SEPARATE STRUCTURAL PLANS
- 20) EXPOSED BASEMENT WALL FOUNDATION PER SEPARATE STRUCTURAL PLANS & DETAILS BY OTHERS (PER SEPARATE PERMIT)
- 15) LANDSCAPE AREA - TO BE MAINTAINED BY OWNER

REVISIONS

No.	DATE	BY

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KHA PROJECT
192016003

DATE
1/14/2020

SCALE
AS SHOWN

DESIGNED BY
MK

DRAWN BY
PB/CA

CHECKED BY
MH/JB

1/14/2020

MARIANNA A. HUNNIOTT
Exp. 06/30/21
CIVIL
Professional Seal No. 23823

TYPICAL CROSS SECTIONS

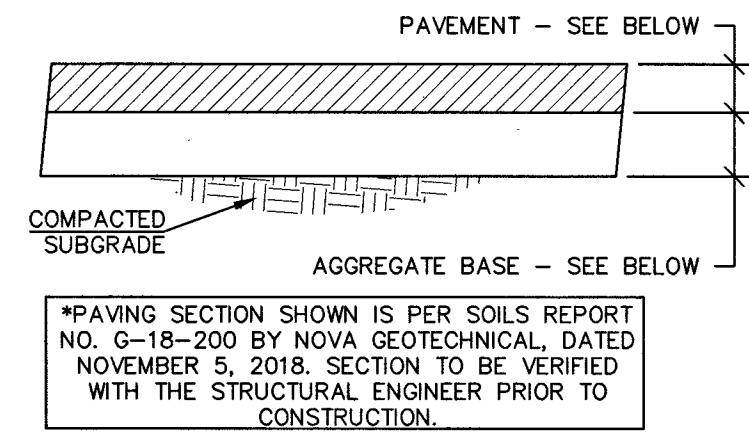
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BEYOND SELF-STORAGE
AT RAINBOW BLVD &
BUCKSKIN AVE
PREPARED FOR
NORTHPOINT DEVELOPMENT
LAS VEGAS

10 OF 16 SHEETS

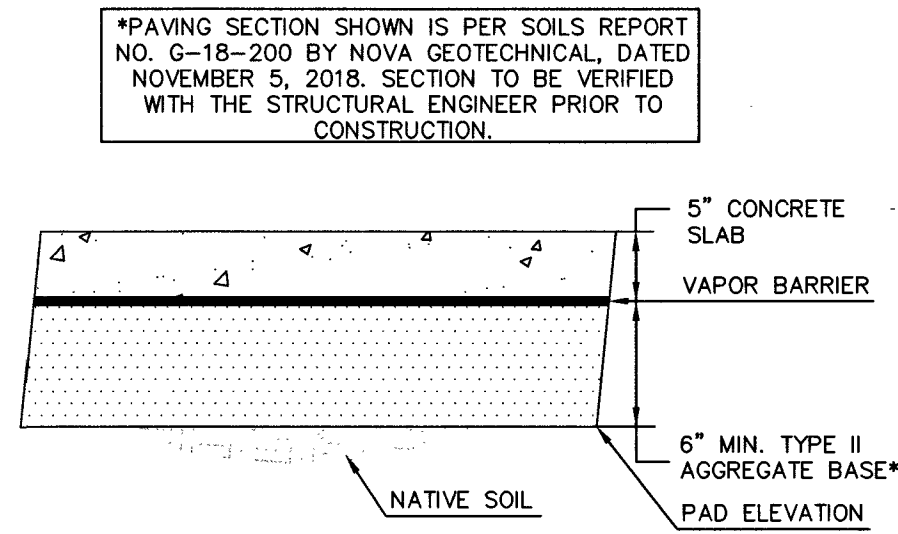
C5.1

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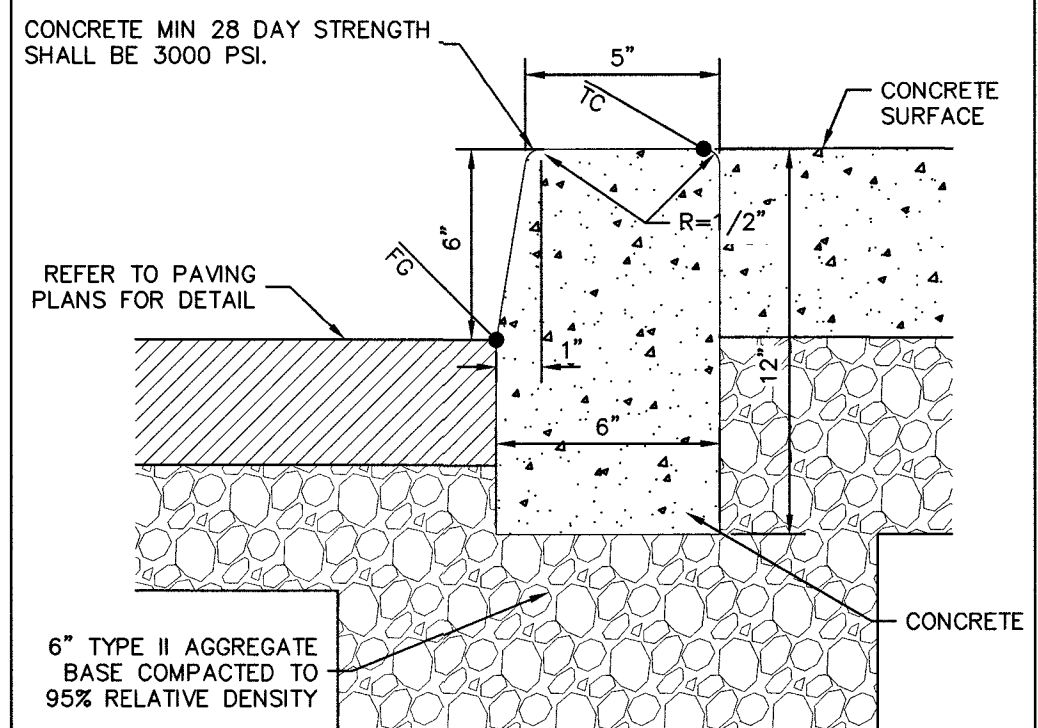


APPLICATION	PAVEMENT	BASE
*HEAVY PAVEMENT SECTION	4" AC	7" TYPE II
*LIGHT PAVEMENT SECTION	3" AC	7" TYPE II
*CONCRETE PAVEMENT SECTION	6" PCC	6" TYPE II
*COLLECTOR PAVEMENT SECTION	3.5" AC	8" TYPE II
*ARTERIAL PAVEMENT SECTION	5.5" AC	18" TYPE II

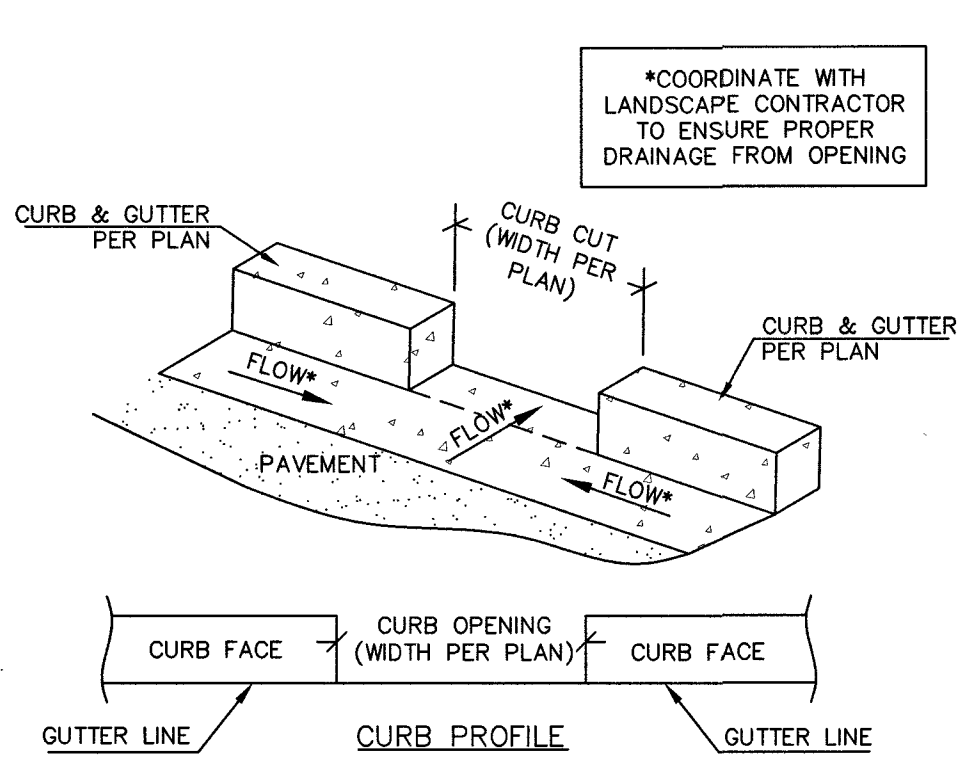
1 PAVEMENT SECTIONS
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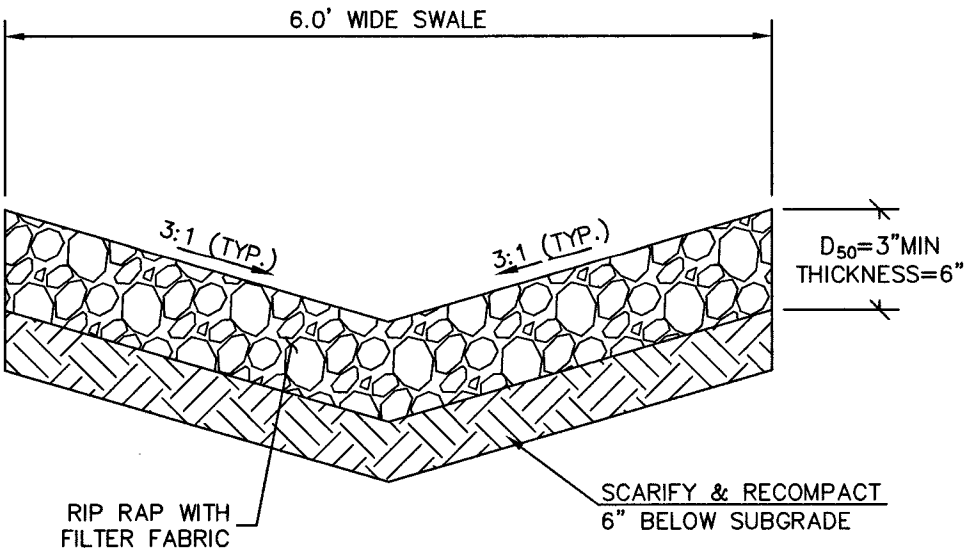
2 PAD SECTION
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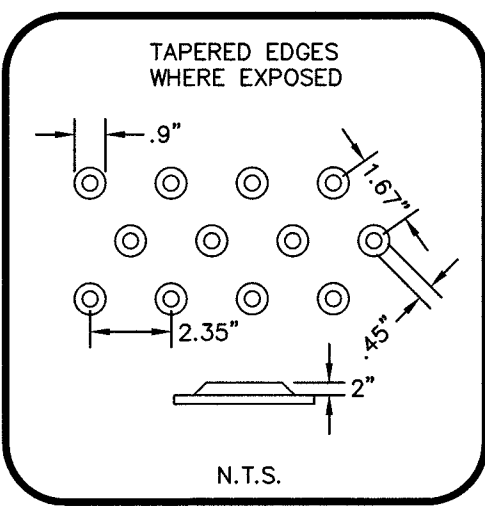
3 6" CURB
(NOT TO SCALE)
C5.2



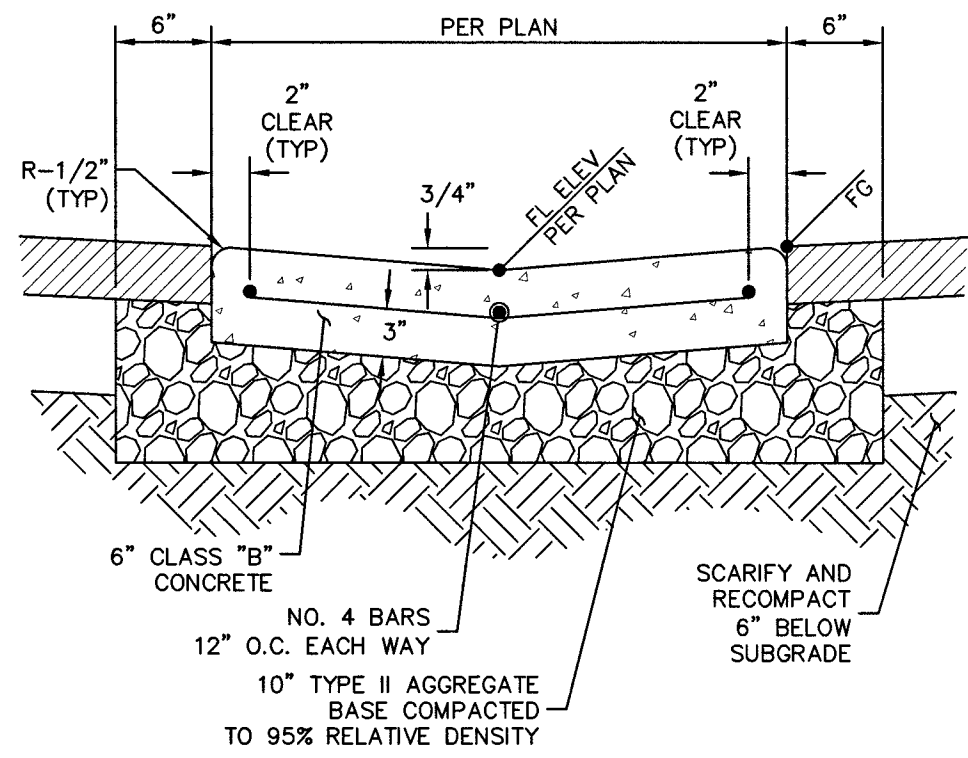
4 CURB OPENING
(NOT TO SCALE)
C5.2



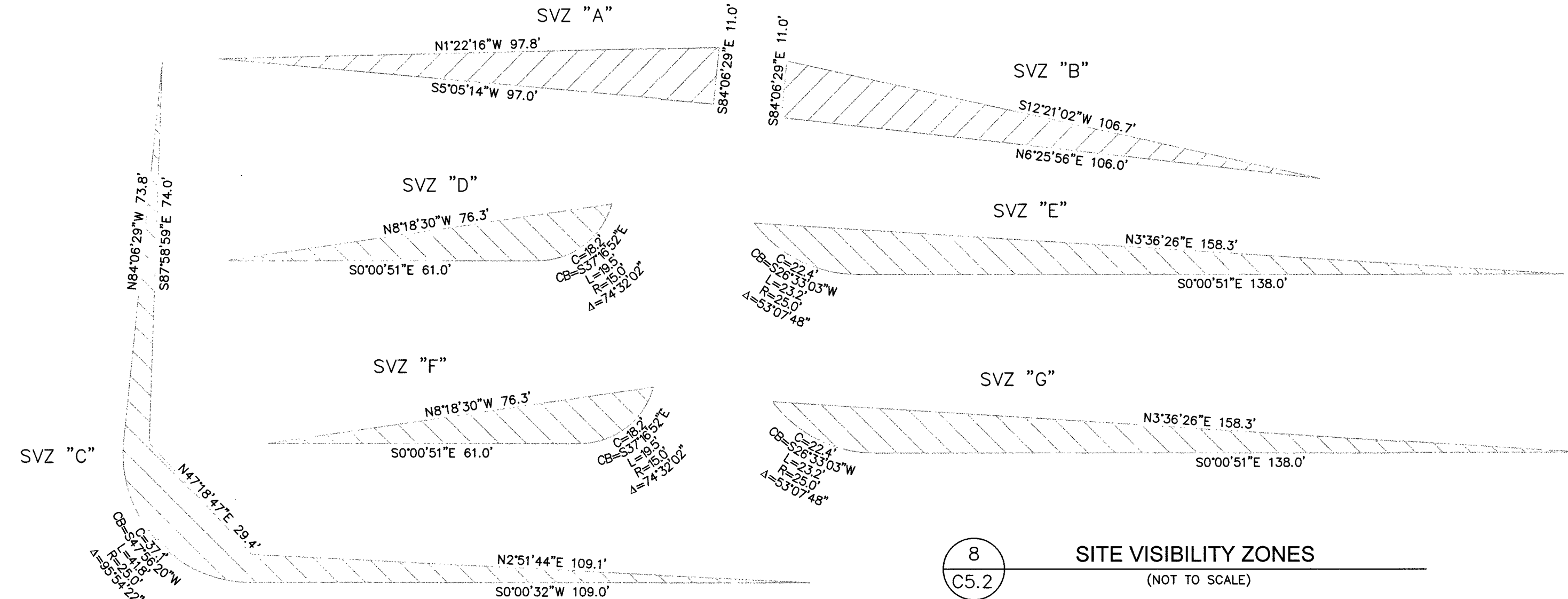
5 ROCK LINED SWALE
(NOT TO SCALE)
C5.2



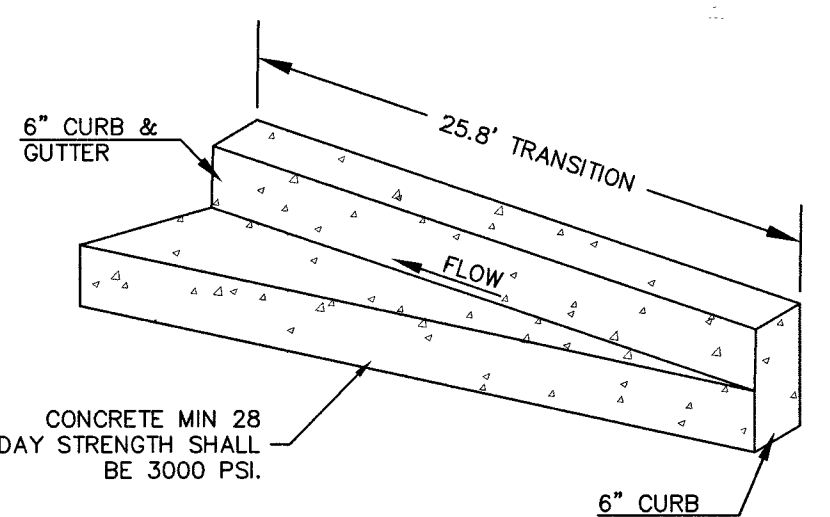
6 TRUNCATED DOMES
(NOT TO SCALE)
C5.2



7 CONCRETE VALLEY GUTTER
(NOT TO SCALE)
C5.2



8 SITE VISIBILITY ZONES
(NOT TO SCALE)
C5.2



9 TRANSITION FROM 6" "L" CURB TO 6" "A" CURB
(NOT TO SCALE)
C5.2



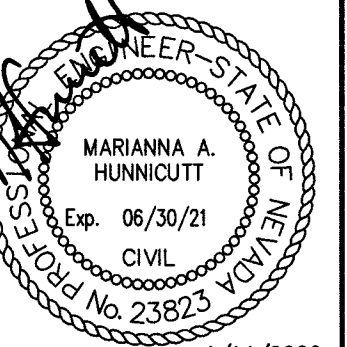
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KHA PROJECT	192016003
DATE	1/14/2020
SCALE	AS SHOWN
DESIGNED BY	MK
DRAWN BY	PB,CA
CHECKED BY	MH,JB

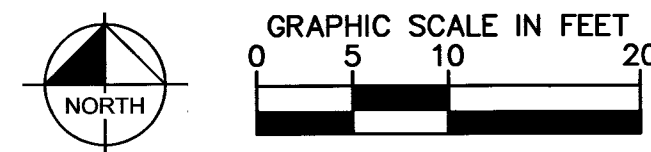
TYPICAL DETAILS

L19-01255
107V7883

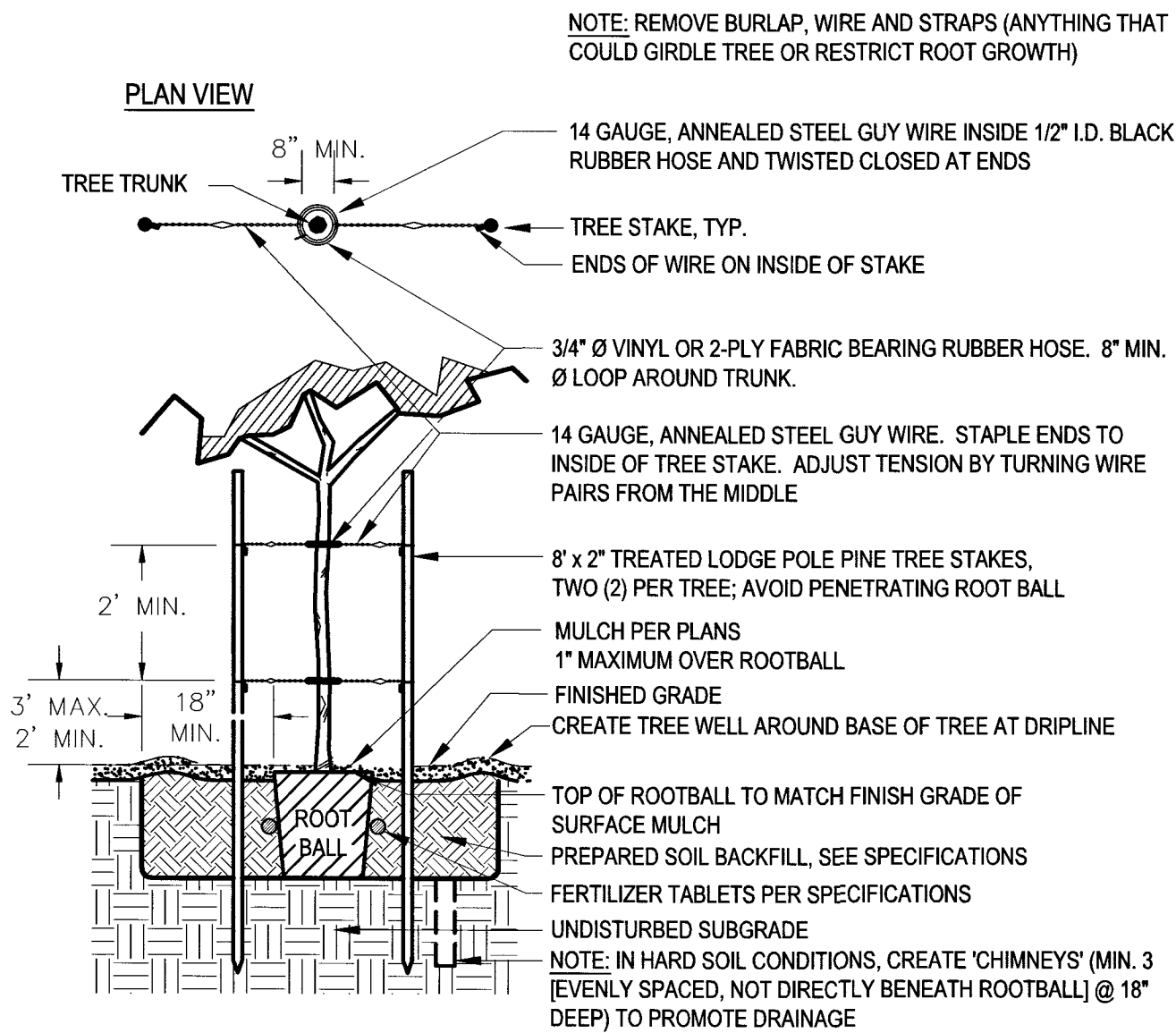
BEYOND SELF-STORAGE
AT RAINBOW BLVD &
BUCKSKIN AVE
PREPARED FOR
NORTHPOINT DEVELOPMENT
LAS VEGAS
NEVADA



-  Central Park Recycled Plastic Bench
Manufacturer: Park Warehouse
Color: Grey | Size: 6'
-  1/2\" data-bbox="113 173 188 213"/> Screened
Decomposed Granite
2\" data-bbox="113 233 188 253"/> Depth Min., Color: Gold
-  3\" data-bbox="113 273 188 313"/> - 6\" data-bbox="113 273 188 313"/> Rip Rap
Decomposed Granite
4\" data-bbox="113 333 188 353"/> Depth Min., Color: Rose
-  1/2\" data-bbox="113 373 188 413"/> Screened
Decomposed Granite
2\" data-bbox="113 433 188 453"/> Depth Min., Color: Blue
-  Synthetic Turf
Owner to Approve Sample by Contractor
-  Steel Edging

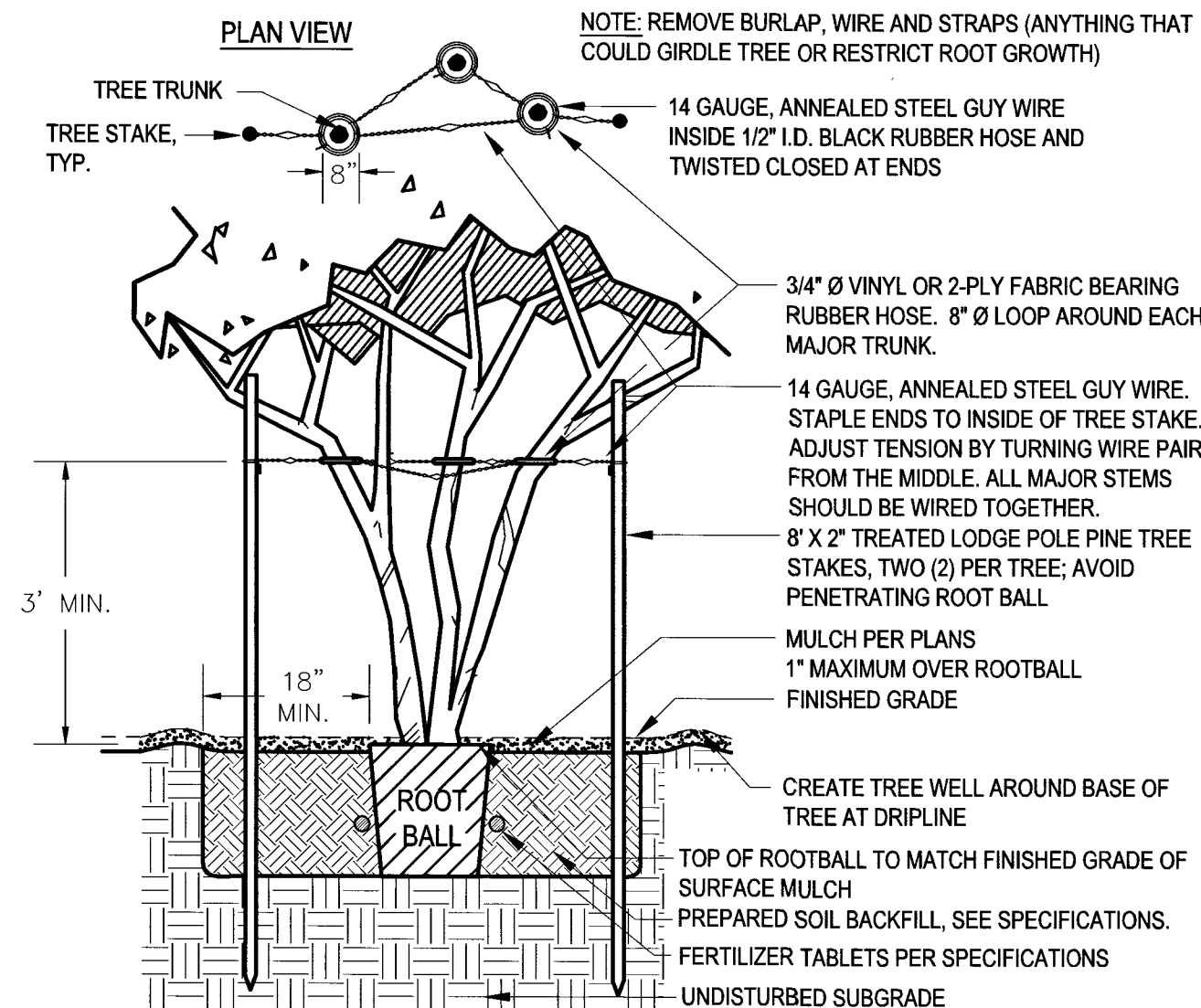


Plotted By: Ludwig, Casey Sheet Set: Rainbow and Buckskin Landscape Layout: L1.2 December 02, 2019 09:04:34am K:\PHX_LA\00-shrft work\las vegas\192016003-northpoint storage - rainbow blvd\Cadd\Plans\192016003-L1.dwg
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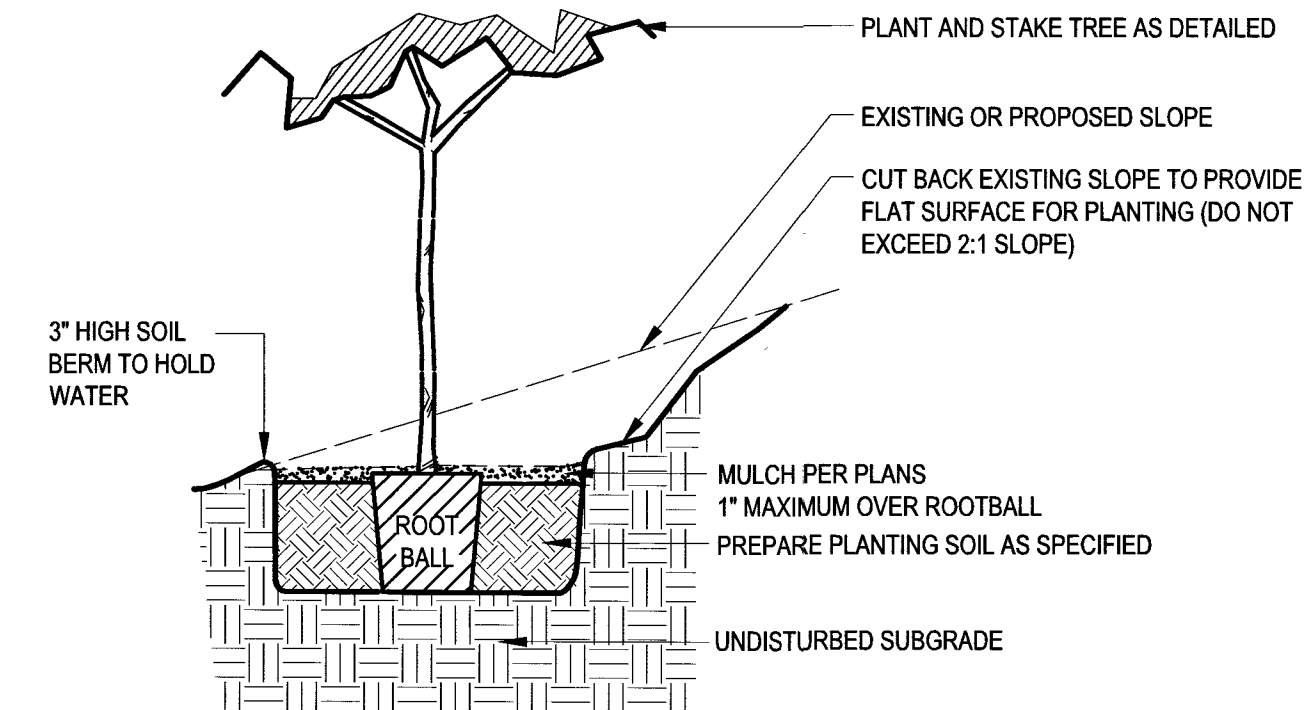
1 TREE PLANTING AND STAKING

SCALE: N.T.S.



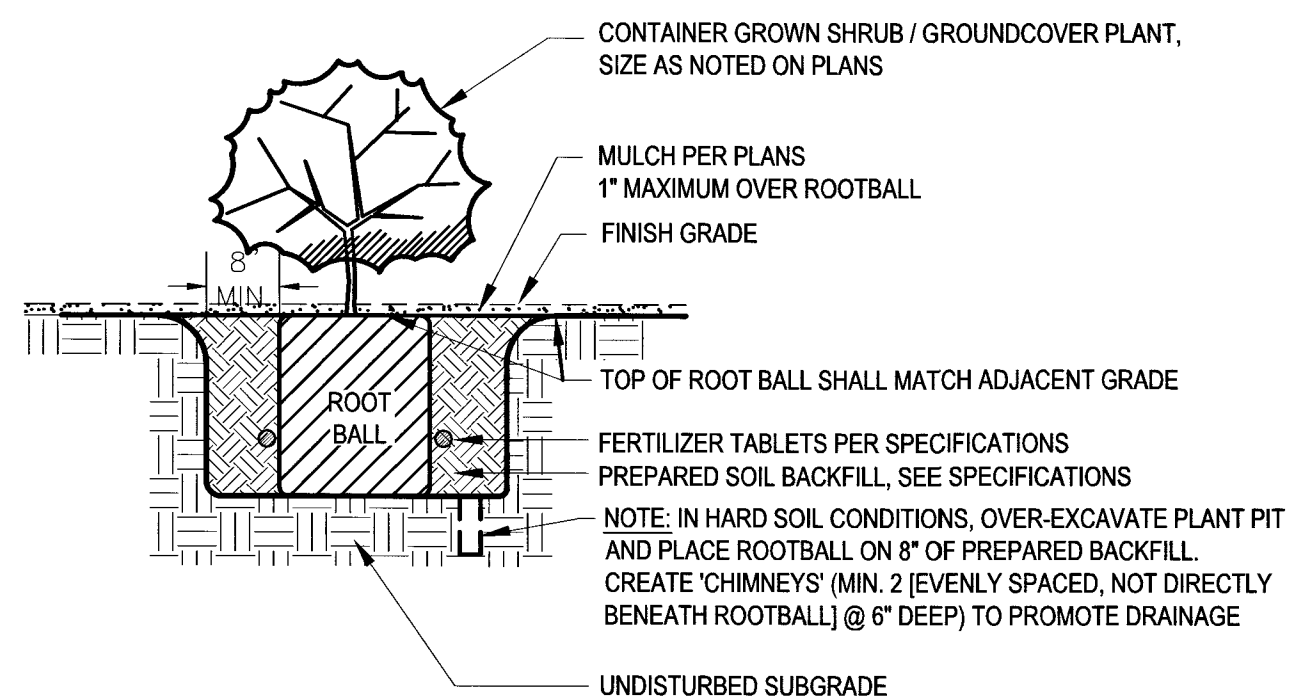
2 TREE STAKING - MULTI-TRUNK

SCALE: N.T.S.



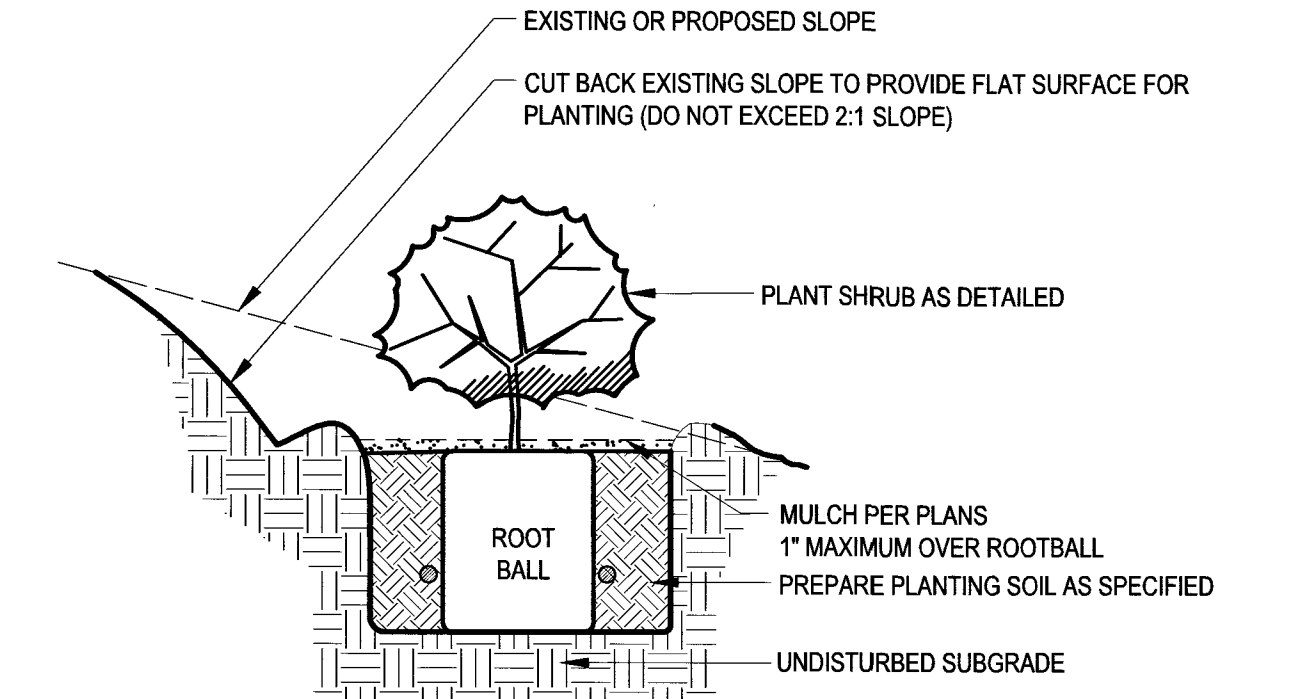
3 TREE PLANTING ON SLOPE

SCALE: N.T.S.



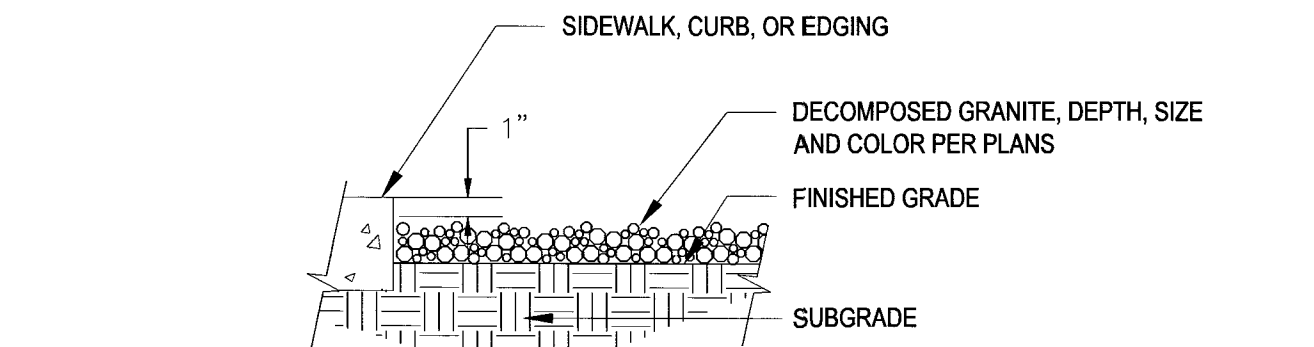
4 SHRUB / GROUND COVER PLANTING

SCALE: N.T.S.



5 SHRUB / GROUND COVER PLANTING ON SLOPE

SCALE: N.T.S.



- NOTE
1. COMPACT SUBGRADE TO 80% AND APPLY A PREEMERGENT HERBICIDE TO THE SOIL BEFORE PLACING GRANITE AT REQUIRED DEPTH. RAKE SMOOTH, WET TO ENTIRE DEPTH, ROLL WITH A 150 LB ROLLER, THEN LIGHTLY SCARIFY SURFACE WITH A LEAF RAKE. KEEP TOP OF GRANITE 1" BELOW ADJACENT WALKS, CURBS, OR OTHER HARD SURFACES.
 2. APPLY SECOND APPLICATION OF PREEMERGENT HERBICIDE AFTER INSTALLATION OF GRANITE

6 DECOMPOSED GRANITE INSTALLATION

SCALE: N.T.S.



KHA PROJECT		DATE		SCALE		DESIGNED BY		DRAWN BY		CHECKED BY		ACQ	
192016003		12/02/2019		AS SHOWN		CAL		CAL		ACP			

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LANDSCAPE DETAILS

NORTHPOINT SELF STORAGE
@ RAINBOW BLVD
&BUCKSKIN
PREPARED FOR
NORTHPOINT DEVELOPMENT
NEVADA
CITY OF LAS VEGAS

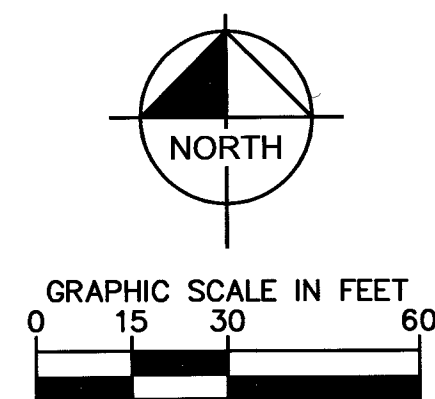
14 OF 16 SHEETS
L1.2

REVISIONS		DATE		BY	
No.					

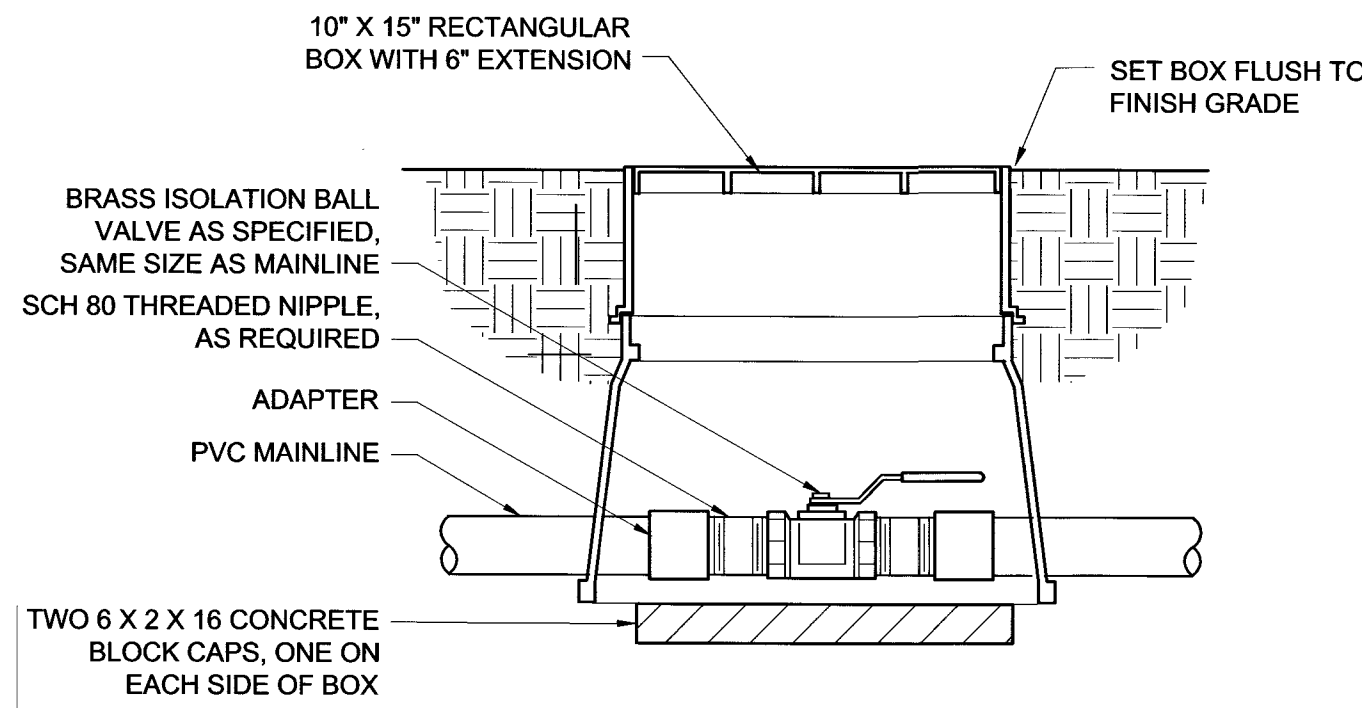


15 OF 16 SHEETS

L2.1



Plotted By: Ludwig, Casey Sheet Set: Rainbows and BUCKSKIN Landscape Layout: L2.2 December 02, 2019 09:05:11am K:\PHX-LA\00-shft, work\las vegas\192016003-northeast storage - rainbow.blvd\Case\Plans\192016003-L2.dwg
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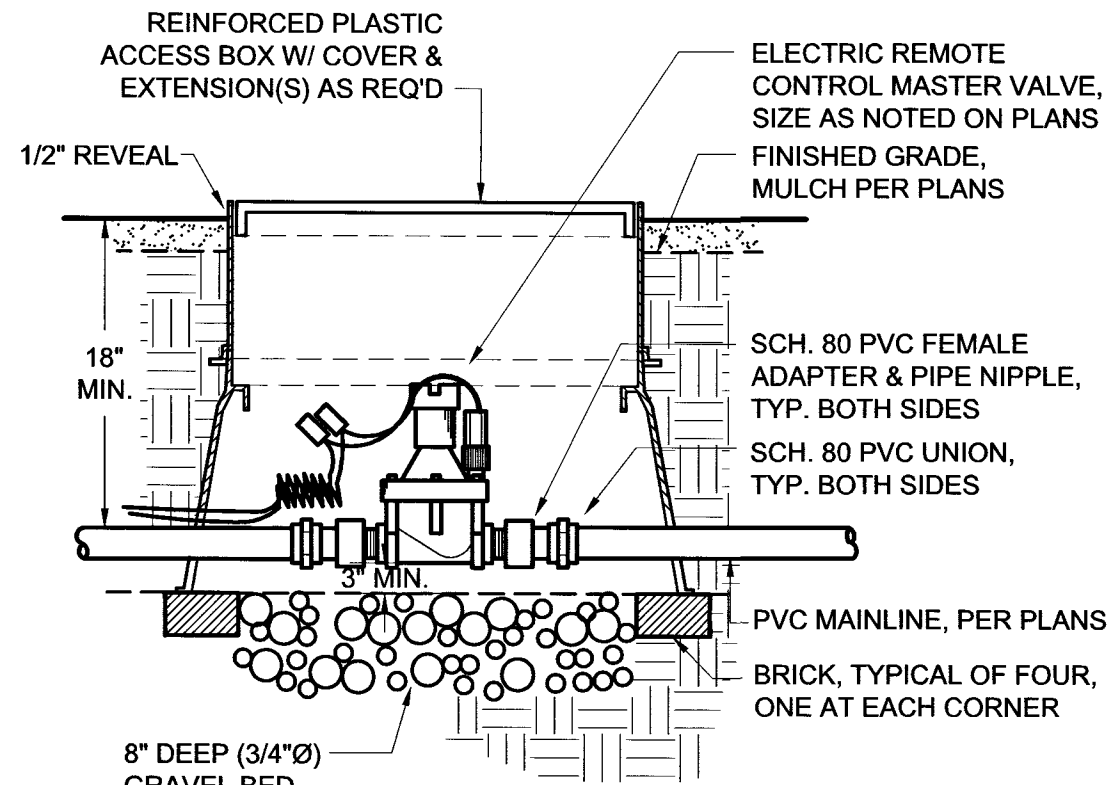


1 BRASS BALL ISOLATION VALVE

SCALE: N.T.S.

NOTES:

- ALL WIRES TO BE INSTALLED PER LOCAL CODE. TAPE AND BUNDLE WIRES EVERY 7'. PROVIDE EXPANSION COIL AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 1/2" Ø PIPE 15 TIMES).
- COMPACT SOIL AROUND VALVE BOX TO SAME DENSITY AS ADJACENT UNDISTURBED SOIL.
- ALL THREADED PVC JOINTS SHALL BE WRAPPED WITH TEFLON TAPE.

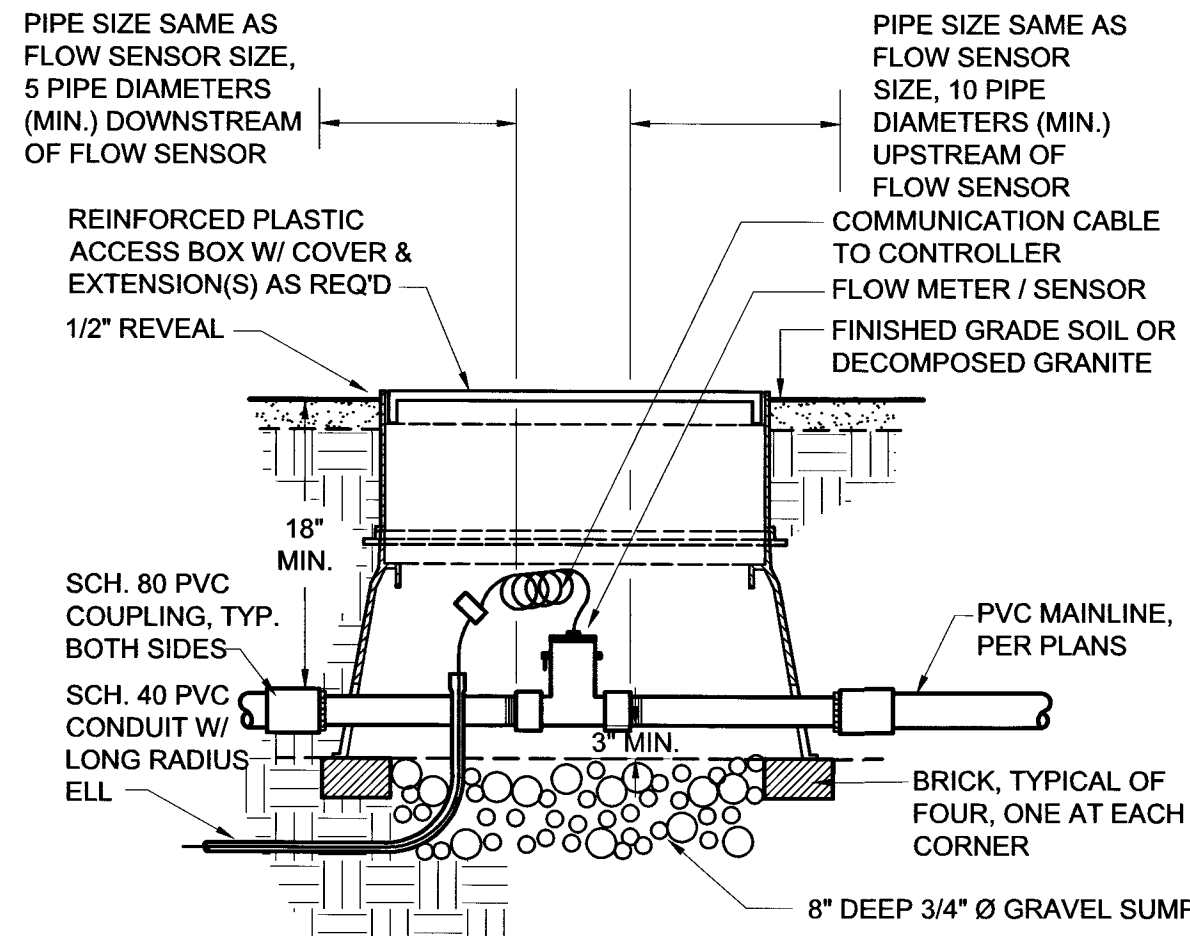


2 MASTER VALVE ASSEMBLY

SCALE: N.T.S.

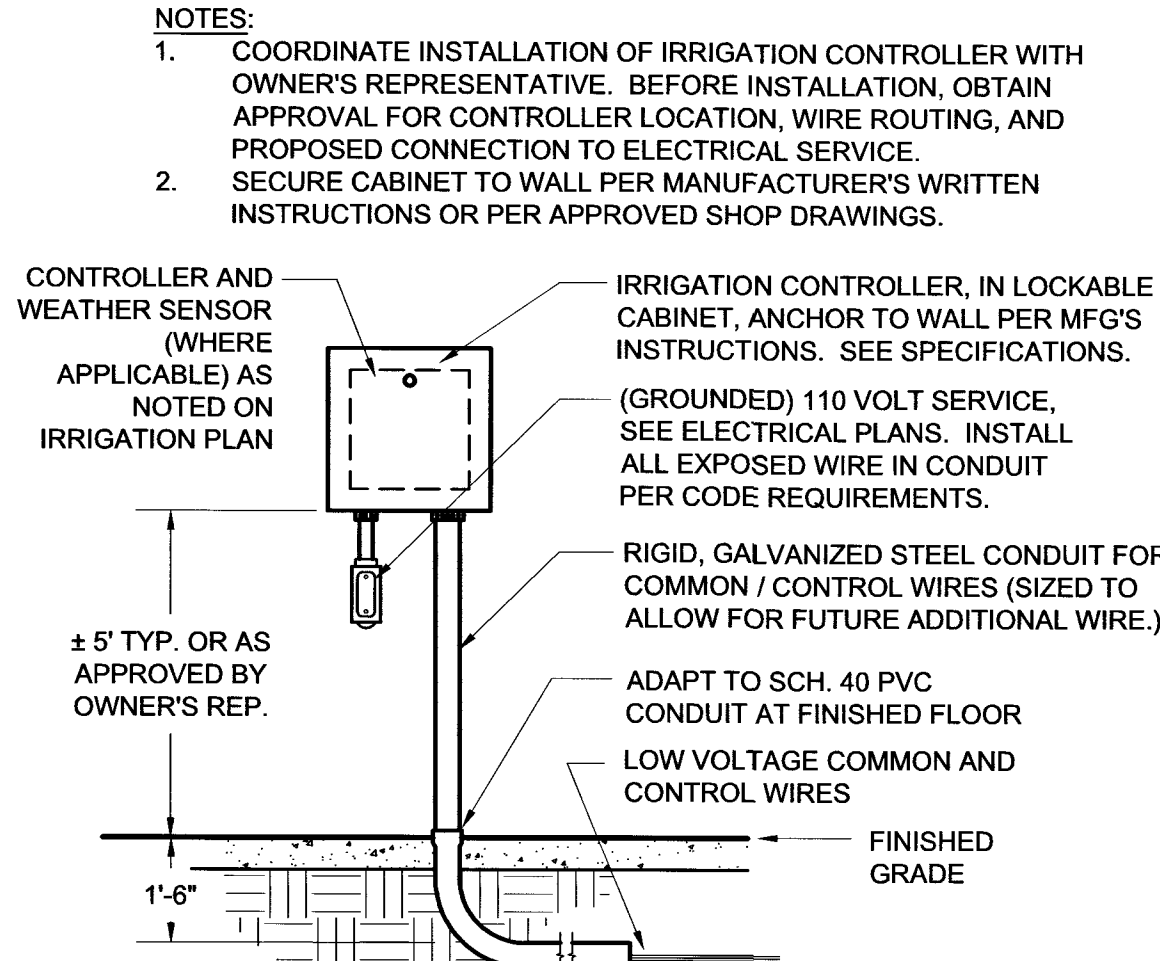
NOTE:

PROVIDE PULSE DECODER, PULSE TRANSMITTER, PULSE TRANSMITTER POWER SUPPLY, AND SURGE PROTECTOR IN ACCORDANCE WITH FLOW SENSOR / CONTROL SYSTEM MANUFACTURER'S RECOMMENDATIONS.



3 FLOW SENSOR ASSEMBLY

SCALE: N.T.S.

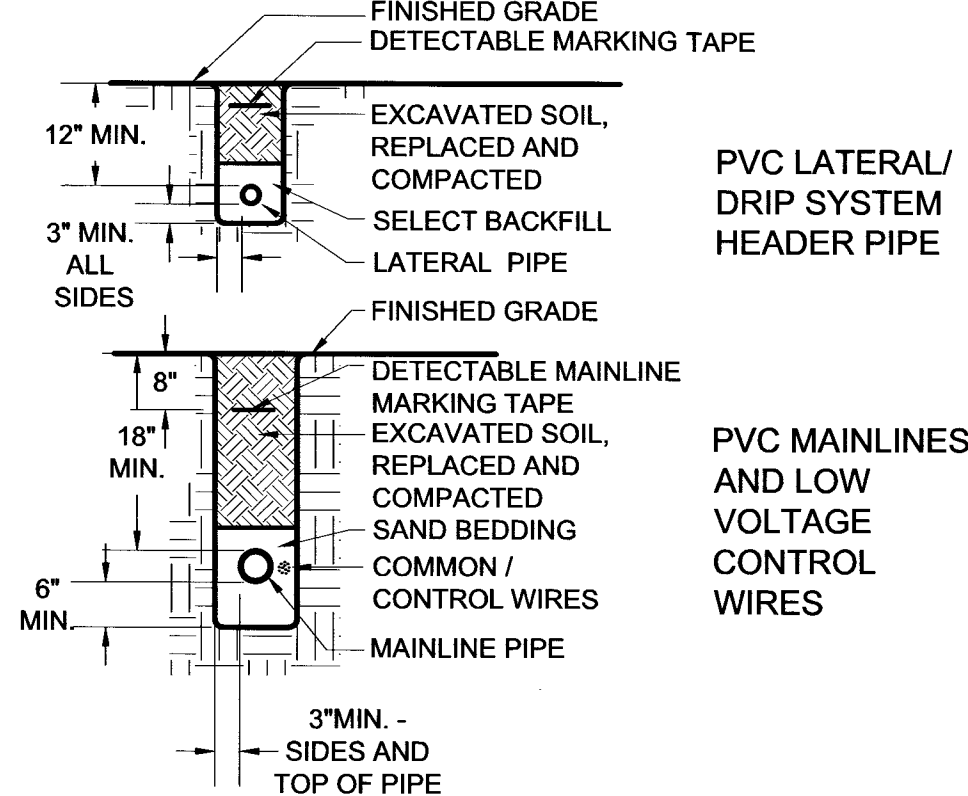


4 IRRIGATION CONTROLLER IN LOCKING CABINET

SCALE: N.T.S.

NOTES:

- SELECT BACKFILL SHALL BE SAND OR SOIL FREE OF ROCKS AND STONES LARGER THAN 1/4" DIA.
- BACKFILL MATERIAL SHALL BE WATERED IN AND COMPACTED TO DENSITY OF ADJACENT UNDISTURBED SOIL.

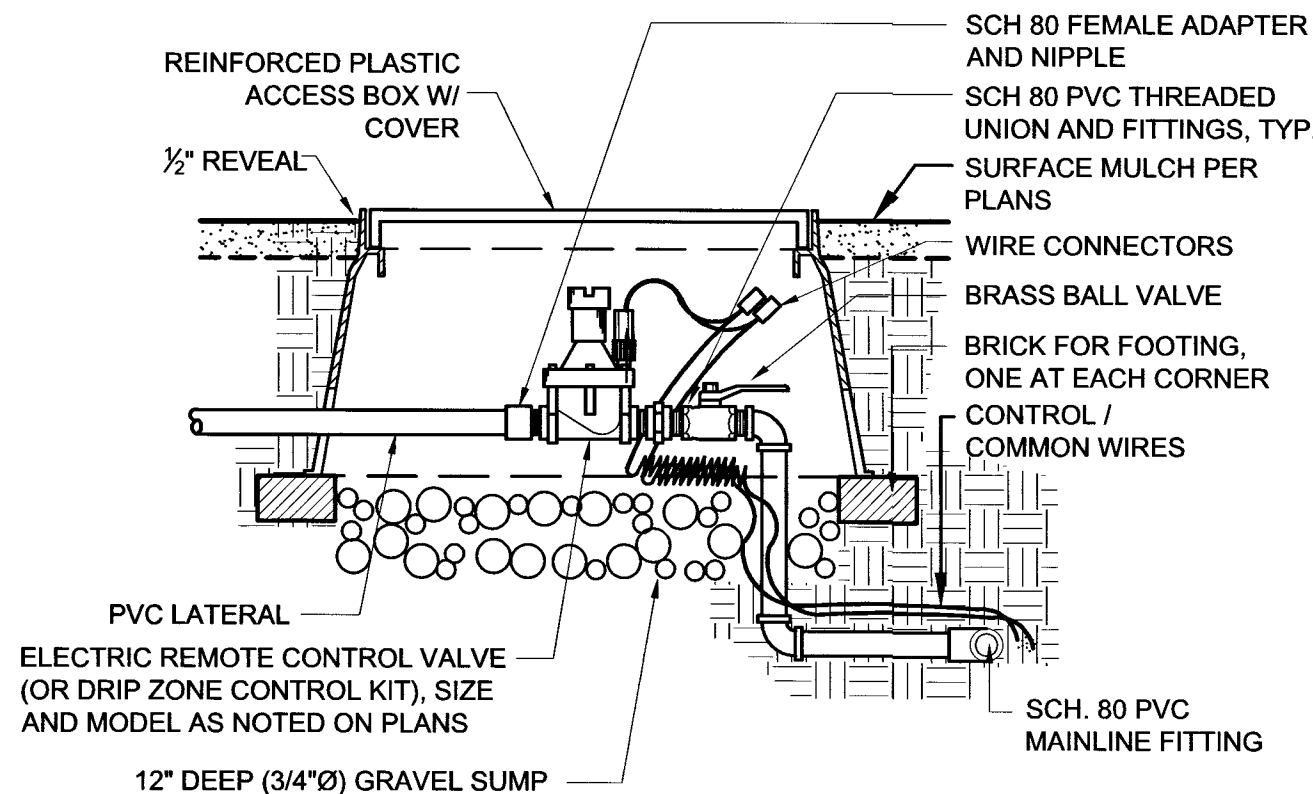


5 PIPE TRENCHING AND BACKFILL - MAINLINE, LATERALS, AND MARKING TAPE

SCALE: N.T.S.

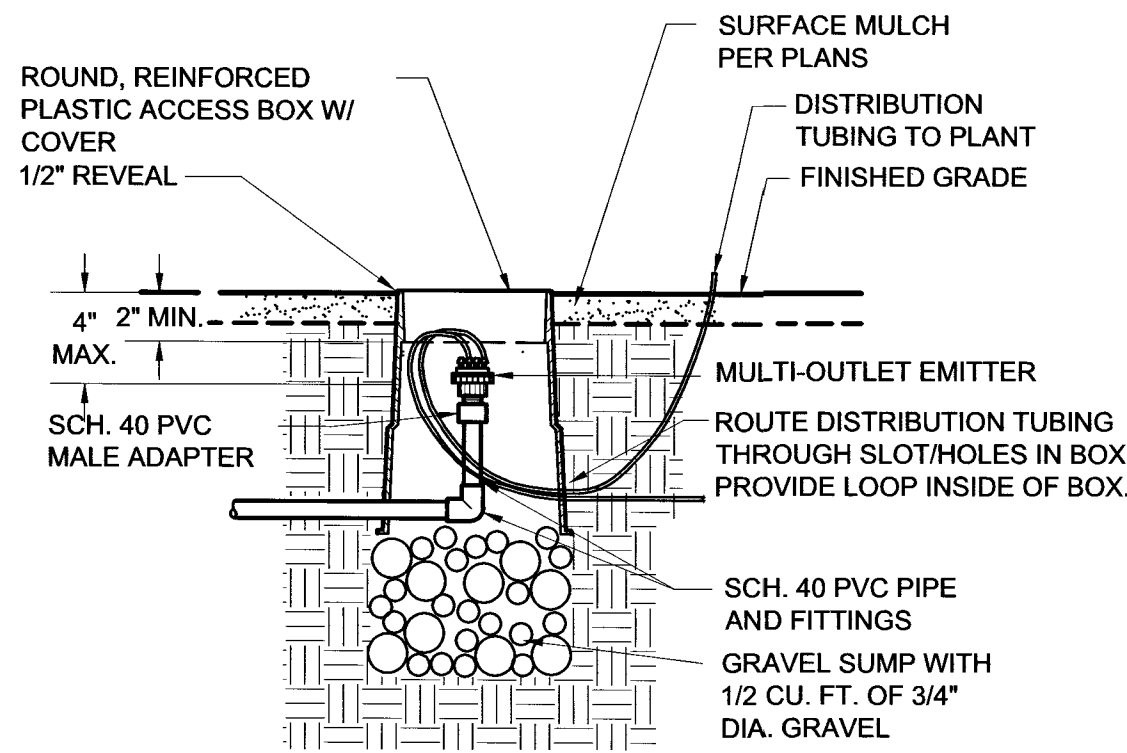
NOTES:

- ALL WIRES TO BE INSTALLED PER LOCAL CODE. TAPE AND BUNDLE WIRES EVERY 7'. PROVIDE EXPANSION COIL AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 1/2" Ø PIPE 15 TIMES).
- COMPACT SOIL AROUND VALVE BOX TO SAME DENSITY AS ADJACENT UNDISTURBED SOIL.
- ALL THREADED PVC JOINTS SHALL BE WRAPPED WITH TEFLON TAPE.



6 ELECTRIC REMOTE CONTROL VALVE

SCALE: N.T.S.

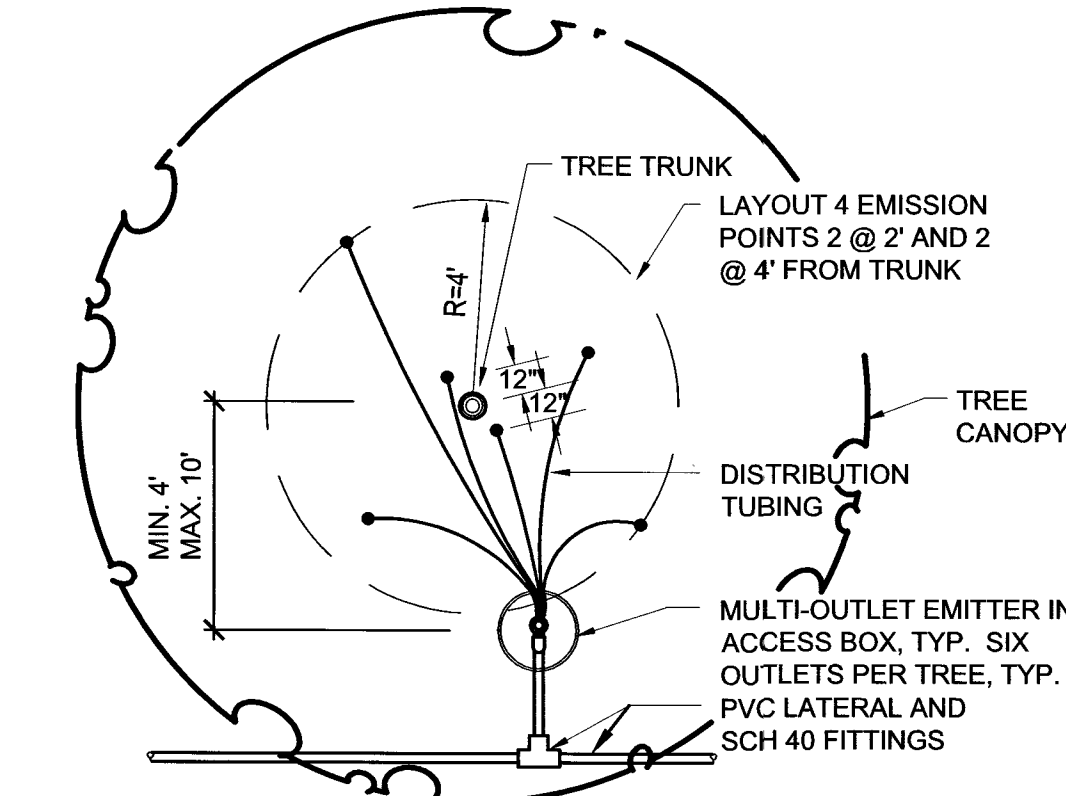


7 MULTI-OUTLET EMITTER

SCALE: N.T.S.

NOTE:

- LENGTH OF DISTRIBUTION TUBING SHALL NOT EXCEED 12'-0". REFER TO LOCAL JURISDICTIONAL REQUIREMENTS; MAXIMUM ALLOWABLE LENGTH MAY BE LESS.
- LAYOUT DISTRIBUTION TUBING AS SHOWN AND LOCATE DISCHARGE POINT 2" ABOVE FINISHED GRADE.

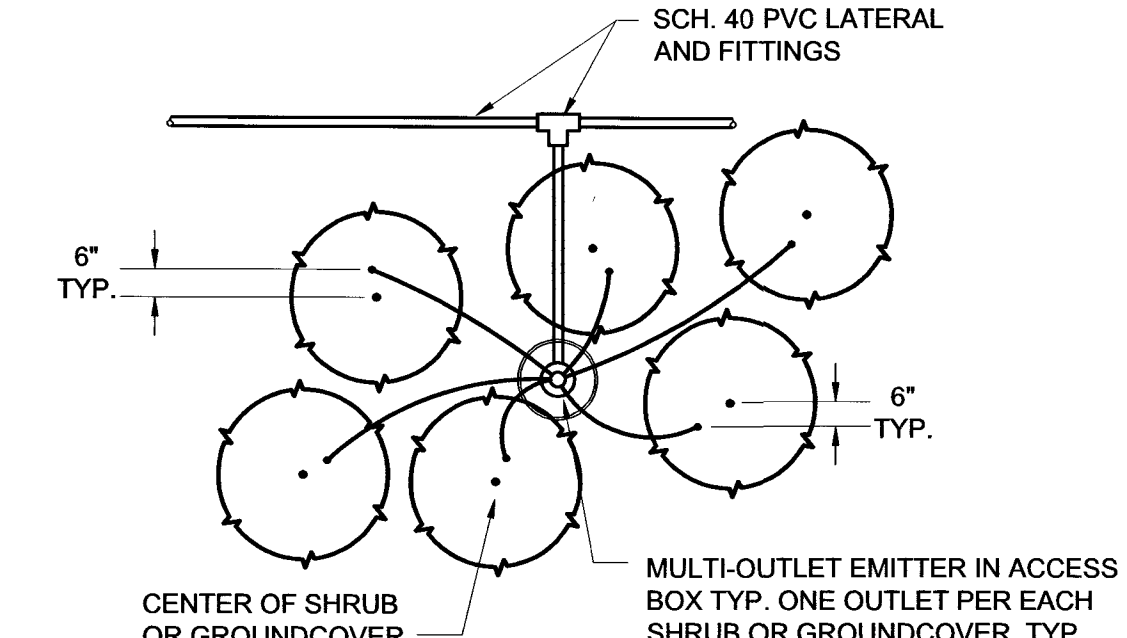


8 EMITTER DISTRIBUTION TUBING LAYOUT - TREES

SCALE: N.T.S.

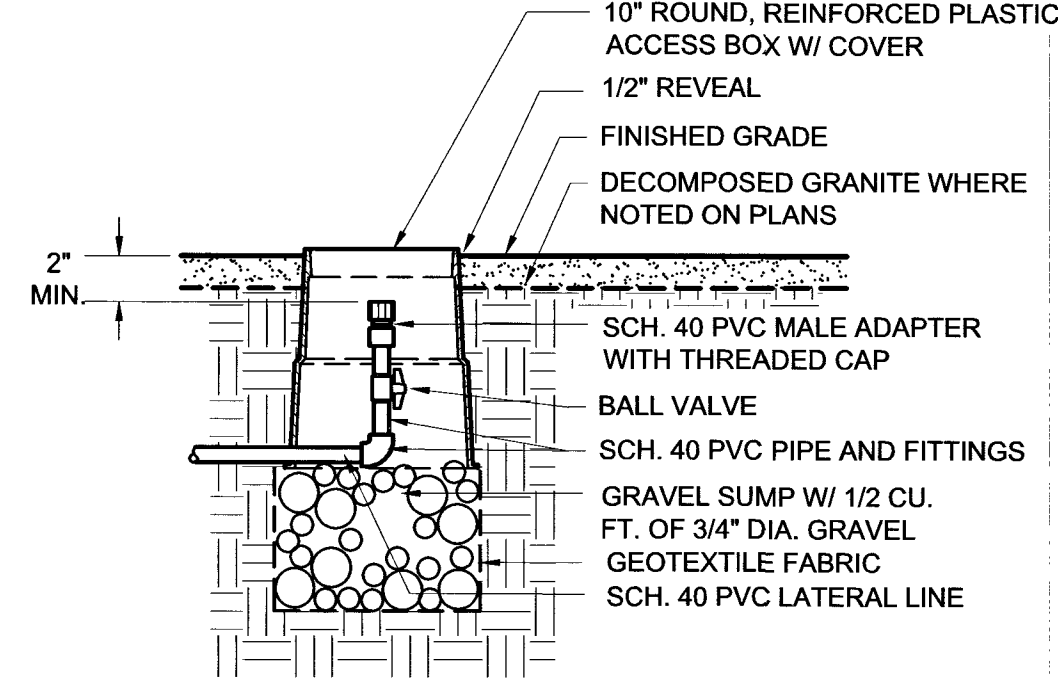
NOTES:

- LENGTH OF DISTRIBUTION TUBING SHALL NOT EXCEED 12'-0". REFER TO LOCAL JURISDICTIONAL REQUIREMENTS; MAXIMUM ALLOWABLE LENGTH MAY BE LESS.
- LAYOUT DISTRIBUTION TUBING AS SHOWN AND LOCATE DISCHARGE POINT 2" ABOVE FINISHED GRADE.



9 EMITTER DISTRIBUTION TUBING LAYOUT - SHRUBS

SCALE: N.T.S.

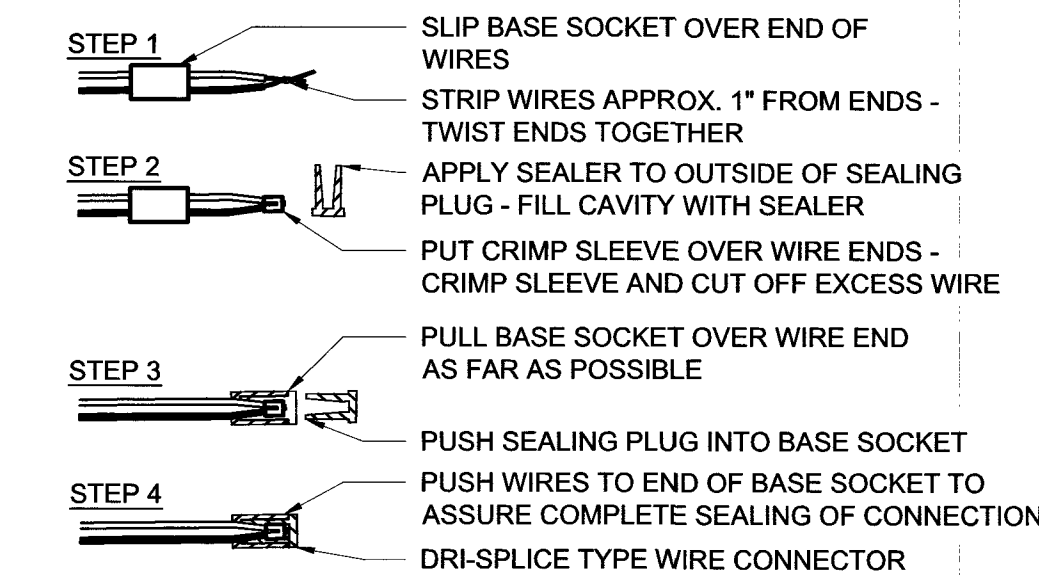


10 LATERAL FLUSHING END CAP

SCALE: N.T.S.

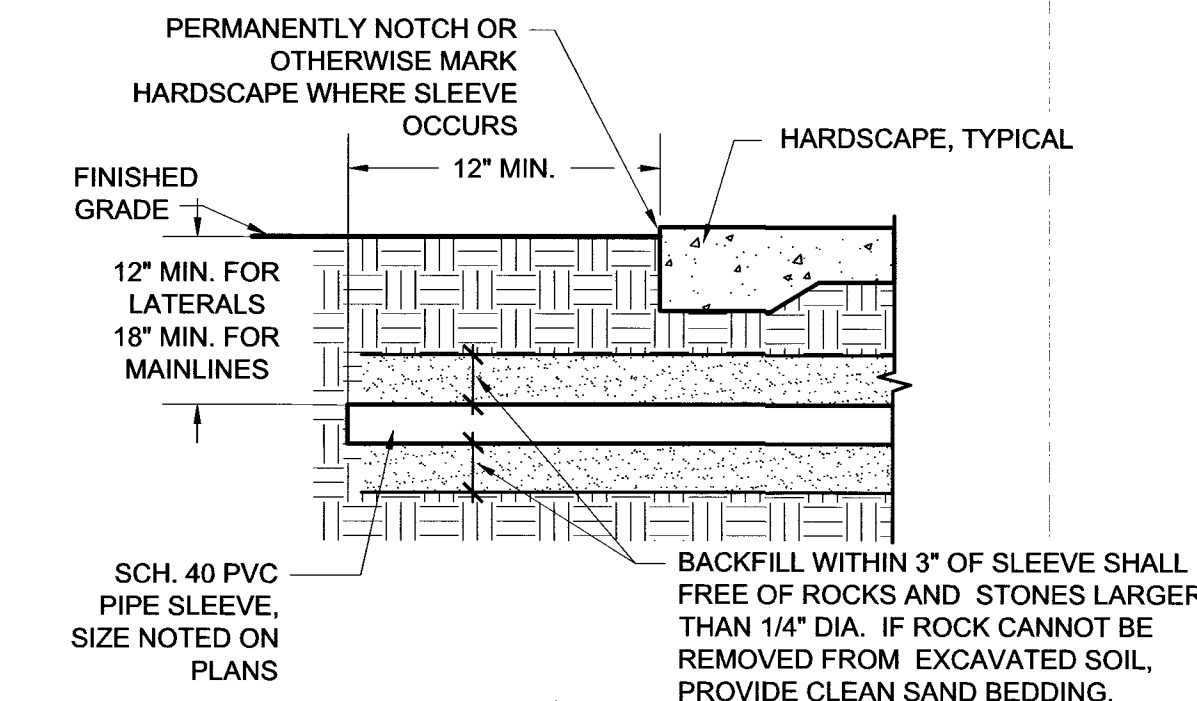
NOTES:

- FOR WIRE SIZES NO. 14, 12, AND 10, ALL CONNECTIONS IN VALVE BOXES ONLY.
- INSTALL SPEARS DS-100 DRI-SPLICE CONNECTORS WITH DS-300 SEALANT.



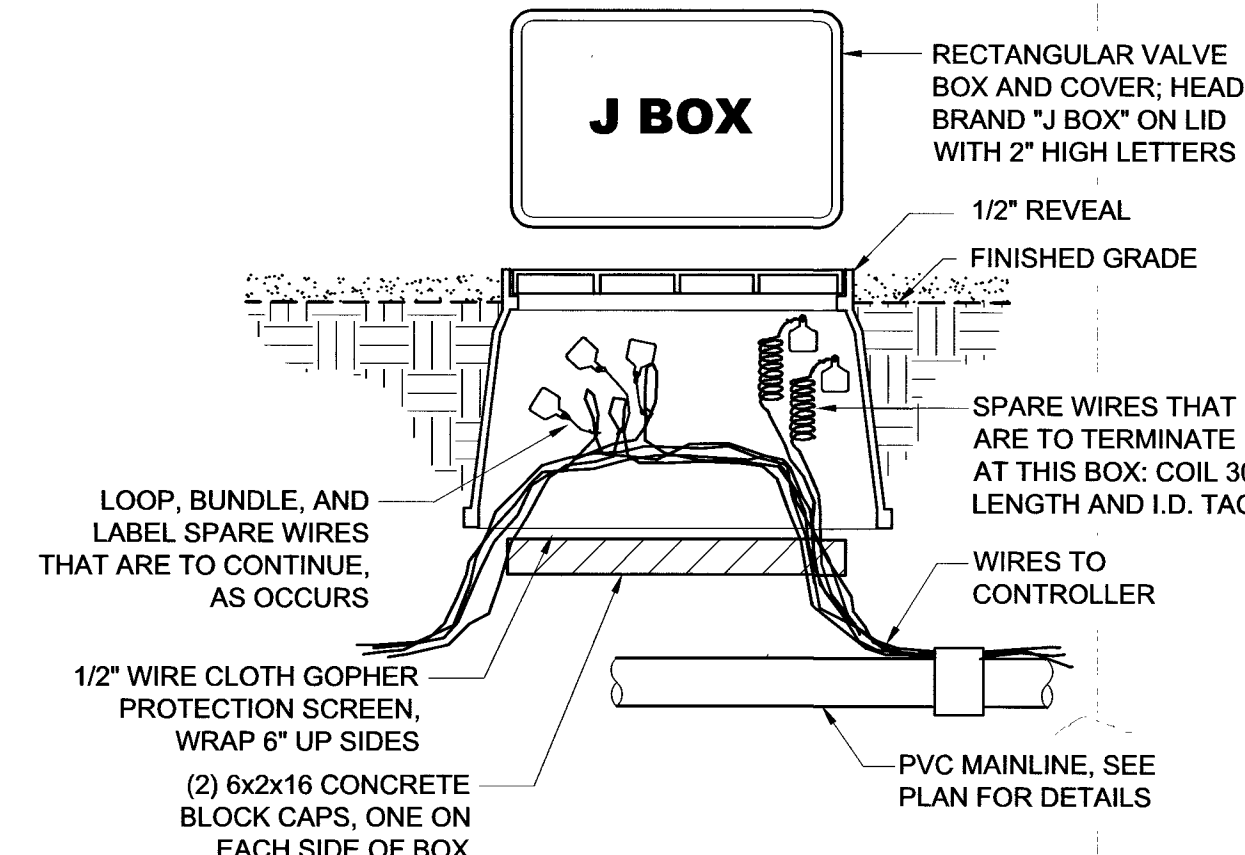
11 IRRIGATION WIRE CONNECTION

SCALE: N.T.S.



12 MAINLINE AND LATERAL PIPE SLEAVING

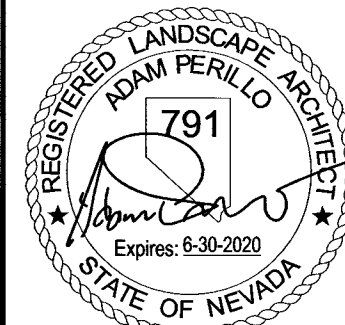
SCALE: N.T.S.



13 IRRIGATION WIRING JUNCTION BOX

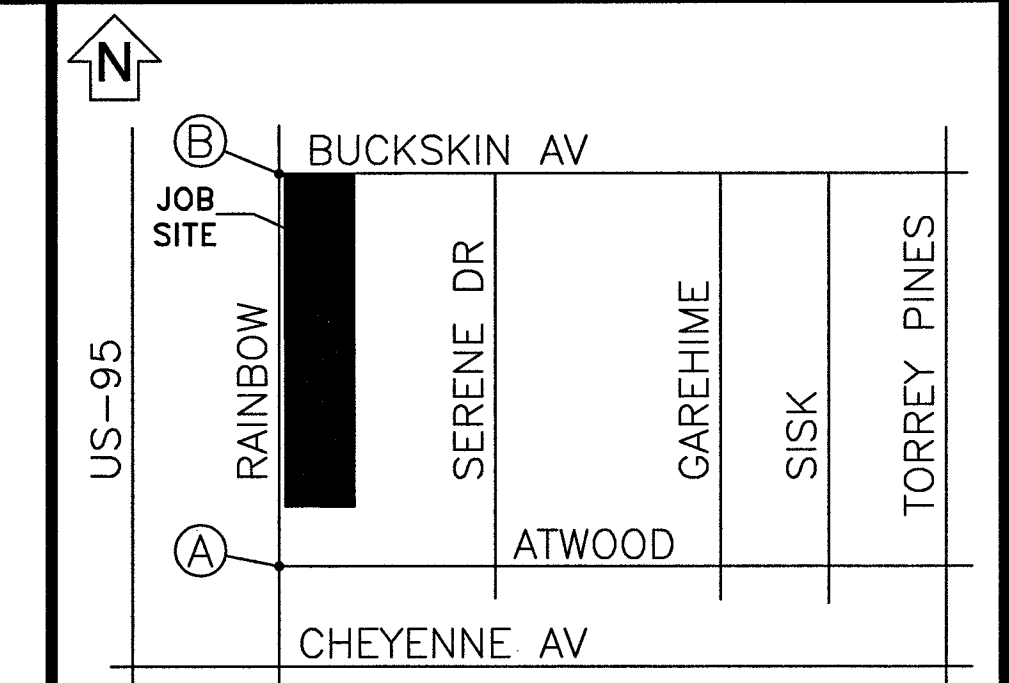
SCALE: N.T.S.

Kimley»Horn
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6671 LAS VEGAS BLVD. S., SUITE 320, LAS VEGAS, NV 89119
PHONE: 702-862-3600
WWW.KIMLEY-HORN.COM



KHA PROJECT	192016003
DATE	12/02/2019
SCALE	AS SHOWN
DESIGNED BY	CAL
DRAWN BY	CAL
CHECKED BY	ACP

IRRIGATION DETAILS
NORTHPOINT SELF STORAGE
@ RAINBOW BLVD
&BUCKSKIN
PREPARED FOR
NORTHPOINT DEVELOPMENT
CITY OF LAS VEGAS
NEVADA



(NOT TO SCALE)

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YOU DO
OVERHEAD



CALL 1-702-402-2929

CALL

811

OR

1-800-227-2600

AND CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-4900.

[illegible]

TO SERVE:
(1) 400AMP 277/480V 3Ø, PANEL
NEW STORAGE FACILITY
REMOVE EXISTING SERVICE POLE FOR DRIVEWAY CLEARANCE.
INSTALL NEW SERVICE POLE.

NVEnergy INFORMATION:
COORDINATOR: KING, JANE
PHONE: (702) 275-6263 D.F. KL
DESIGNER: MONROE, STEVEN
DCA: N/A
INSPECTOR: 702-402-3008 OR UGI@NVEENERGY.COM
STAND BY: (702) 402-4450, 4150, 4114, 4117, 4118
DISTRICT: LAS VEGAS NORTH DISTRICT
JPA INFORMATION:
JPA ADMIN PHONE: 702-402-6741 JPA#: P201216586
CUSTOMER INFORMATION:
APPLICANT: BSS NORTH RAINBOW BOULEVARD, LLC
APPLICANT CONTACT: GERSCHUTZ, ALEX
CONTACT: SOKOLOWSKI, MARK ** 702-786-1843
APPROVAL DATE: 10/21/2019
GOVERNMENT INFORMATION:
AGENCY(S): CLV

APPROVAL DATE(S): _____

FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR EACH TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NVE METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS.



NVEnergy™

RAINBOW BLVD / BUCKSKIN AVE

PROJ #3004009815	SCALE: 1"=30'
SHEET # 2 OF 2	DATE: 8/1/2019