



SEEBOK SUBDIVISION

CIVIL IMPROVEMENT PLANS

HENDERSON, NEVADA 89015

APN 179-04-402-003

Joey DeBlanco
CO

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CENTERLINE		SEWER		S
PROPERTY LINE		WATER		W
PR. CONTOUR		CATV VAULT		C
EX. CONTOUR		CABLE TELEVISION		CATV
PR. WALL		PROPERTY LINE		PL
EX. RET. WALL		POINT OF CONNECTION		POC
EX. WALL		PROPOSED		PR
EX. FENCE		EXISTING		EX
FLOW LINE		PRESSURE ZONE		PZ
PR. CURB & GUTTER		RIGHT-OF-WAY		R/W OR ROW
EX. CURB & GUTTER		PEDESTRIAN ACCESS EASEMENT		PAE
EX. SCARP		HOME OWNERS ASSOCIATION		HOA
SECTION BUBBLE		BACK OF CURB		BC
EX. TRAFFIC SIGNAL		TOP OF CURB		TC
EX. STREET LIGHT		FLOW LINE		FL
PR. LED STREET LIGHT		TRAFFIC SIGNAL VAULT		TS
EX. POWER POLE		DROP INLET		DI
EX. SEWER MANHOLE		TOP OF RETAINING WALL		TW
EX. STORM DRAIN MANHOLE		TOP OF FOOTING		TF
EASEMENT		INVERT		INV
PR. EDGE OF PAVEMENT		CONCRETE		CONC
EX. EDGE OF PAVEMENT		HIGH POINT		HP
SAWCUT LINE		FINISH GRADE		FG
FIRE HYDRANT		LANDSCAPE		LS
WATER VALVE		FIRE HYDRANT		FH
SIGHT VISIBILITY ZONE		CLEANOUT		C/O
		SANITARY SEWER		SS
		REINFORCED CONCRETE BOX		RCB
		SNOWB DRS		

SOUTHERN NEVADA BUILDING
 OFFICIALS REGIONAL STANDARD DETAILS

JOEY DEBLANCO	<i>[Signature]</i>
PRINTED NAME	SIGNATURE
2/13/26	15535
DATE	P.E. NUMBER



1-702-227-2929

DocuSigned by: Steven Cowner C39806A172244F6 CITY ENGINEER – CITY OF HENDERSON	04/29/2026 10:13 AM PDT APPROVAL DATE
DocuSigned by: Eric Hawkins C39806A172244F6 CITY TRAFFIC ENGINEER – CITY OF HENDERSON	04/29/2026 9:25 AM PDT DATE
DocuSigned by: Mark Sandusky E94D57B180734F1F5 FIRE DEPARTMENT – CITY OF HENDERSON	04/27/2026 5:11 PM PDT DATE
DocuSigned by: Tom McElwister C10006AB514E7 BUILDING OFFICIAL – CITY OF HENDERSON	04/27/2026 5:01 PM PDT DATE
DocuSigned by: Brian L. Coombs E46C00846404DF UTILITY SERVICES – CITY OF HENDERSON	04/28/2026 7:40 AM PDT DATE
CHRISTOPHER ANDERSEN SOUTHWEST GAS CORPORATION	2025HOXB310705 SWG UID 4/28/25 DATE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT ALL EXISTING UTILITIES. IF ANY EXISTING CENTURYLINK FACILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS AND MUST BE REMOVED OR RELOCATED, PLEASE CONTACT CENTURYLINK VIA EMAIL (CTL-NV-ENGINEERING@LUMEN.COM) AND YOU WILL RECEIVE ADDITIONAL INSTRUCTION ON HOW TO PROCEED.

		SHEET TITLE COVER SHEET	
HORIZONTAL SCALE N/A		DESIGNED BY: JRD	
VERTICAL SCALE N/A		PROJECT NAME SEEBOK SUBDIVISION	
LUCE PROJ. NO. SEEBOK		CHECKED BY: JRD	
PROJECT ADDRESS SEC HAYRE AND PUEBLO HENDERSON, NEVADA		MUNICIPALITY HENDERSON, NEVADA	
TRACKING NO. PCVLN2025350008			

COH STANDARD GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA (CURRENT EDITION), AND THE UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA (CURRENT EDITION).
2. REQUESTS FOR INSPECTION BY THE CITY OF HENDERSON DEPARTMENT OF PUBLIC WORKS SHALL BE MADE BY THE CONTRACTOR AT LEAST 24 HOURS BEFORE INSPECTION SERVICES WILL BE REQUIRED. 202-267-3144.
3. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS STATED IN THE CITY OF HENDERSON TRAFFIC NOTES.
4. ONCE BEGUN, WORK IN PUBLIC RIGHT-OF-WAY SHALL BE COMPLETED WITHOUT DELAY TO MINIMIZE THE INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND CITIZENS.
5. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ALL DAMAGE THAT MAY OCCUR FROM A STORMWATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY WORK IN CONNECTION WITH CONSTRUCTION ACTIVITY.
6. PRIOR TO FINAL ACCEPTANCE AND BOND RELEASE, AN AS-BUILT DRAWING MUST BE SUBMITTED TO THE CITY OF HENDERSON BY UPLOAD THROUGH THE DSC ONLINE PORTAL, AS-BUILT MUST SHOW ALL CHANGES AND ACTUAL FIELD LOCATIONS. EACH SHEET MUST BE IDENTIFIED BY A MARKED SURVEY MONUMENT OR A SURVEY MONUMENT IDENTIFICATION TAG (CURRENT EDITION).
7. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITION BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE PROPER DRAINAGE, AS WELL AS INGRESS AND EGRESS TO SAID CONSTRUCTION. THE EXTENT OF TRANSITIONS IS TO BE DETERMINED BY THE CITY ENGINEER OR THEIR DESIGNER.
8. EXISTING UTILITIES ARE SHOWN ON THE PLANS FOR REFERENCE ONLY, THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE LOCATION AND PROTECTING OF ALL UTILITIES NOT SHOWN OR DEPICTED ON THE PLANS OR NOT THIS INCLUDES ABOVE GROUND SERVICE LATERALS OF ANY KIND. THE CITY BEARS NO RESPONSIBILITY FOR THE INFORMATION ON THE PLANS. CONTRACTOR SHALL NOTIFY CALL BEFORE YOU DIG (811 or 1-800-642-2444) AND CALL BEFORE YOU CRANE - OVERHEAD POWER LINE SAFETY (202-727-2929), AS REQUIRED BY LAW, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.
9. POWER AND TELECO POLES AND/OR OTHER EXISTING FACILITIES NOT THE PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT THE EXPENSE TO THE CITY OF HENDERSON.
10. THE ENGINEER OF RECORD AND THE CONTRACTOR ARE RESPONSIBLE FOR CONTACTING, COORDINATING, AND COMPLYING WITH THE REQUIREMENTS OF NV ENERGY, SOUTHWEST GAS, CENTURYLINK, AND COX COMMUNICATIONS, AS WELL AS ANY OTHER UTILITY COMPANIES WITH EXISTING FACILITIES IN THE VICINITY.
11. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION, INCLUDING T-INTERSECTIONS, PER THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA (CURRENT EDITION). LOCATION OF RAMPS SHALL BE AS SHOWN ON PLAN OR MAY BE DETERMINED IN THE FIELD BY A CITY OF HENDERSON PUBLIC WORKS INSPECTOR.
12. CURB AND GUTTER WITH A GRADE OF LESS THAN 0.5% SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WORK TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
13. ALL GRADING AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS REPORT NOTED ON THE APPROVED PLANS. THE PROJECT AND/OR REPORT NUMBERS AND DATES OF REPORTS TOGETHER WITH THE NAME'S, ADDRESSES, AND PHONE NUMBERS OF THE FIRMS OR INDIVIDUALS WHO PREPARED THE REPORT SHALL BE INCLUDED ON THE COVER SHEET AND GRADING SHEETS OF THE PROPOSED IMPROVEMENTS.
14. ALL STREET STRUCTURAL SECTIONS SHALL BE PER THE RECOMMENDATIONS OF THE SOILS ENGINEER, BASED ON CBR OR R-VALUES. NO PAVING OR BASE WORK SHALL COMMENCE UNTIL A STREET STRUCTURAL SECTION IS APPROVED BY THE CITY ENGINEER.
15. WHERE EXISTING PAVEMENT IS CUT TO INSTALL UTILITY SERVICE LINES, BACKFILL AND PAVEMENT REPLACEMENT SHALL BE DONE PER UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA (CURRENT EDITION), AND THE UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA (CURRENT EDITION).
16. ALL ASPHALT PAVEMENT DESIGN SECTIONS OF LESS THAN 4 INCHES WILL BE PG70-22; RESIDENTIAL STREETS AND MINOR COLLECTORS (CATEGORY 2-50 BLOW MIXES), ALL ASPHALT PAVEMENT DESIGN SECTIONS OF 4 INCHES OR GREATER WILL BE PG76-22; MAJOR COLLECTORS AND ARTERIALS (CATEGORY 1-75 BLOW MIXES).
17. ALL STATIONING IS REFERENCED TO CENTERLINE.
18. EXACT LOCATION OF ALL SAWCUT LINES AND FINAL PATCH LIMITS SHALL BE DETERMINED IN THE FIELD BY A CITY OF HENDERSON PUBLIC WORKS INSPECTOR.
19. AFFECTED UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
20. MODIFICATIONS TO EXISTING UTILITIES SHALL CONFORM TO THE UTILITY OWNER'S STANDARDS AND SPECIFICATIONS. THE ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY OWNER OF ANY LOCAL MODIFICATIONS TO THE UTILITIES.
21. THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL SUCH IMPROVEMENTS DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED OR RECONSTRUCTED TO THE PUBLIC WORKS INSPECTOR'S SATISFACTION AT THE EXPENSE OF THE CONTRACTOR.
22. OFFSITE AND ONSITE WATER AND SEWER FACILITIES UP TO WITHIN 5 FEET OF BUILDINGS SHALL BE CONSTRUCTED TO DEPARTMENT OF PUBLIC WORKS AND SEWER DEPARTMENT OF UTILITY SERVICES STANDARDS, SHALL COMPLY WITH THE CITY OF HENDERSON WATER AND SEWER NOTES, AND SHALL BE INSPECTED BY THE DEPARTMENT OF PUBLIC WORKS.
23. IF SEWER OR WATER LINES WITHIN PUBLIC UTILITY EASEMENTS REQUIRE REPAIRS, ALL SUCH REPAIRS WILL BE DONE IN ACCORDANCE WITH THE DEPARTMENT OF PUBLIC WORKS (DEPW) STANDARD SPECIFICATIONS FOR REPLACEMENT OF NON-STANDARD IMPROVEMENTS SUCH AS BUT NOT LIMITED TO PAVERS, STAMPED CONCRETE, LANDSCAPING AND IRRIGATION SHALL BE THE RESPONSIBILITY OF THE HOMEOWNER'S ASSOCIATION OR PROPERTY OWNER.
24. IF SIGNS ARE PRESENT ON THIS CONSTRUCTION SITE, PLEASE CONTACT THE SIGN COMPANY LISTED ON THE SIGN 24 HOURS PRIOR TO REMOVAL. ANY SIGNAGE DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED OR REPLACED FOLLOWING CONSTRUCTION IN THEIR ORIGINAL LOCATION IN LIKE-NEW CONDITION AT CONTRACTOR'S EXPENSE, ANY CONTRACTOR HAVING TO REMOVE A SIGN, WHICH WAS DAMAGED PRIOR TO THE CONTRACTOR OCCUPYING THE SITE, SHALL ARRANGE FOR VERIFICATION OF THE SIGN'S CONDITION BY A CITY OF HENDERSON PUBLIC WORKS INSPECTOR PRIOR TO REMOVAL. ALL SIGNS NOT VERIFIED BY A CITY OF HENDERSON PUBLIC WORKS INSPECTOR SHALL BE ASSUMED TO BE IN LIKE-NEW CONDITION PRIOR TO REMOVAL.
25. REVISIONS TO APPROVED DRAWINGS MUST COMPLY WITH NAC 625.610 AND THE CITY OF HENDERSON CIVIL REVISION POLICY AND PROCEDURE. REVISIONS ADDRESS ISSUES, CONFLICTS AND ASSOCIATED MINOR SITE CHANGES THAT ARISE DURING CONSTRUCTION.
26. THE OWNER / CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND REPLACEMENT OF ALL EXISTING SURVEY MONUMENTS DAMAGED BY THE CONTRACTOR'S OPERATION. THE CONTRACTOR SHALL BE REQUIRED TO PREPARE A POST CONSTRUCTION RECORD OF SURVEY SETTING MONUMENTS AT ALL PROPERTY CORNERS WHETHER A CALCULATED POSITION OR AN EXISTING MONUMENT DESTROYED DURING CONSTRUCTION. SUPPLY A PRELIMINARY COPY OF THE POST CONSTRUCTION RECORD OF SURVEY TO THE CITY OF HENDERSON DEPARTMENT OF PUBLIC WORKS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL ASSOCIATED WITH THE REPLACEMENT OF SURVEY MONUMENTS AND PREPARATION AND RECORDING OF MAPPING WILL BE AT NO COST TO THE CITY OF HENDERSON. IN SUCH CASE THAT ALL PROPERTY CORNERS EXIST PRIOR TO CONSTRUCTION, AND DO NOT GET DAMAGED OR DESTROYED POST CONSTRUCTION, THE REQUIREMENT FOR THE POST CONSTRUCTION RECORD OF SURVEY WILL BE WAIVED.
27. APPROVAL OF THESE PLANS IS FOR THE CONSTRUCTION OF OFFSITE IMPROVEMENTS AND ONSITE INFRASTRUCTURE ONLY. ALL OTHER ONSITE IMPROVEMENTS, INCLUDING WALLS, FENCES, AND OTHER STRUCTURES, REQUIRE SEPARATE PERMITS AND MUST BE APPROVED BY THE CITY OF HENDERSON CIVIL DIVISION.
28. THE ENGINEER SHALL CONTACT THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (NDEP) TO OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT PRIOR TO CONSTRUCTION. ALL CONSTRUCTION PROJECTS ONE ACRE OR LARGER MUST APPLY FOR THE PERMIT THROUGH THE NDEP. ALL QUESTIONS REGARDING THE NPDES PERMIT REQUIREMENTS SHALL BE DIRECTED TO THE NDEP AT (775) 687-9429.
29. APPROVAL OF THESE PLANS WILL NOT ALLOW FOR WORK IN OR OCCUPY RIGHT-OF-WAY OR EASEMENTS OWNED, OPERATED, OR MAINTAINED BY ANY OTHER ENTITY OR PERSON WITHOUT AN ORAL AND WRITTEN PERMISSION TO GRADE OR CONSTRUCT IS REQUIRED FOR ANY WORK ON PROPERTY OWNED OR ENCUMBERED BY OTHERS.
30. THE GRANTING OF A CERTIFICATE OF OCCUPANCY DOES NOT RELIEVE THE DEVELOPER OF ITS OBLIGATION UNDER THIS PERMIT. THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY DOES NOT IMPLY THAT ALL REQUIRED IMPROVEMENTS HAVE BEEN PROPERLY COMPLETED OR THAT THE AUTHORITY GRANTING THE CERTIFICATE PROVIDES ANY GUARANTEE (WHEN REQUIRED). ALL CIVIL IMPROVEMENT PERMITS MUST GO THROUGH THE PUNCHLIST AND PROJECT CLOSEOUT PROCESS.

COH TRAFFIC NOTES

1. ANY EXISTING TRAFFIC CONTROL DEVICES AND/OR SIGNS SHALL BE MAINTAINED DURING THE PERIOD OF CONSTRUCTION AND SHALL BE REPOSITIONED, AS REQUIRED, PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CITY STANDARDS, UPON COMPLETION OF THE PROJECT.
2. DEVELOPERS/CONTRACTORS ARE RESPONSIBLE FOR OBTAINING A TRAFFIC CONTROL/BARRICADING PERMIT NOT LESS THAN THREE (3) WORKING DAYS BEFORE OBSTRUCTING AND/OR BEGINNING CONSTRUCTION WITHIN THE PUBLIC RIGHT OF WAY, INCLUDING SIDEWALKS. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR WILL INSTALL ALL ADVANCE WARNING SIGNS FOR THE PROJECT. ADVANCE WARNING SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT AND THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED AND WILL MAINTAIN SADS SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
3. WHEN A WORK ZONE IS WITHIN 300 FEET OF A SIGNALIZED INTERSECTION OR WHEN SPECIFIED ON THE APPROVED TRAFFIC CONTROL/BARRICADING PERMIT, THE CONTRACTOR SHALL SUBMIT A NOTIFICATION OF ROADWORK TO THE CITY OF HENDERSON. NEAR TRAFFIC SIGNALS THREE (3) BUSINESS DAYS PRIOR TO THE WORK ZONE IS SET UP, THE PERMIT HOLDER SHALL AGAIN SUBMIT A NOTIFICATION OF ROADWORK NEAR TRAFFIC SIGNALS WITHIN 24 HOURS OF THE LAND(S) BEING OPENED TO PUBLIC TRAVEL. NOTIFICATIONS MUST BE SENT TO CITY OF HENDERSON QUALITY CONTROL BARRICADE INSPECTORS (702-267-3100).
4. CONTRACTOR MUST MAINTAIN SAFE ACCESS TO EXISTING RTC BUS STOPS, SCHOOL BUS STOPS AND SCHOOL WALKING ROUTES TO AND FROM AND/OR WITHIN CONSTRUCTION ZONE.
5. LOCATION AND DESCRIPTION OF ALL NEW AND EXISTING TRAFFIC CONTROL DEVICES, INCLUDING SIGNS, PAVEMENT MARKINGS, MEDIAN ISLANDS, STREETLIGHTS, DRIVEWAYS AND TRAFFIC SIGNALS MUST BE SHOWN ON THE TRAFFIC PLAN SUBMITTED TO THE CITY FOR APPROVAL. ALL NEW TRAFFIC SIGNS WILL BE FABRICATED WITH ASTM TYPE II RETROREFLECTIVE SHEETING. ALL NEW TRAFFIC SIGNS, STREET NAME SIGNS, STREET NAME PLATES, AND GRAFFITI PROTECTIVE FILM, THE PROTECTIVE FILM AND THE RETROREFLECTIVE SHEETING MUST BE FROM THE SAME MANUFACTURER.
6. LOCATION AND DESCRIPTION OF ALL NEW AND EXISTING STREET NAME SIGNS MUST BE SHOWN ON THE TRAFFIC PLAN SUBMITTED TO THE CITY FOR APPROVAL. STREET NAME SIGNS WILL COMPLY WITH CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS NO. 249, 250 AND 251. ALL STREET SIGNS WILL BE FABRICATED WITH ASTM TYPE II RETROREFLECTIVE SHEETING. ALL INTERSECTIONS WITH MAJOR COLLECTOR ROADWAYS WILL HAVE THE CITY OF HENDERSON LOGO ON BOTH STREET NAME PANELS. CONTACT CITY OF HENDERSON TRAFFIC SERVICES MAINTENANCE THREE (3) WORKING DAYS IN ADVANCE, MONDAY THROUGH THURSDAY, AT (702) 267-3100 TO REQUEST LOGO TO BE PLACED ON THE STREET NAME PANELS PER THE CITY OF HENDERSON STANDARD DETAIL. PRIVATE STREETS SHALL HAVE BROWN BACKGROUND.
7. RAISED PAVEMENT MARKINGS WILL BE USED FOR LAKE LINES, WITH SOME EXCEPTIONS ON A CASE-BY-CASE BASIS.
8. POLYUREA OR THERMOPLASTIC WILL BE USED FOR ALL OTHER PAVEMENT MARKINGS INCLUDED BUT NOT LIMITED TO: BIKE LANE, ELEV. LINE SIGNS, SOME LAKE LINES, CROSSWALKS, STOP BARS, AND WORD/SYMBOL MARKINGS. POLYUREA MUST HAVE A MINIMUM THICKNESS OF 50 MILS. THERMOPLASTIC MUST HAVE A MINIMUM THICKNESS OF 90-125 MILS. THERMOPLASTIC MUST BE GENUINE OPTAMARK/OPTAFRAC OR EQUAL.
9. BLUE REFLECTORIZED PAVEMENT MARKINGS MUST BE INSTALLED AND CURB MUST BE PAINTED RED AT EVERY FIRE HYDRANT LOCATION PER CITY OF HENDERSON FIRE DEPARTMENT STANDARDS.
10. ALL CONSTRUCTION SIGNING, BARRICADING, AND PAVEMENT MARKINGS WILL CONFORM TO CURRENT MUTCD, RTC CLARK COUNTY AREA STANDARD DRAWINGS AND SPECIFICATIONS, AND CITY REQUIREMENTS.
11. WHERE STREETS END AT THE PROJECT BOUNDARY, PAVED TEMPORARY TURN-AROUND MUST BE CONSTRUCTED AND THREE (3) 18-INCH DIAMETER (MINIMUM), REFLECTORIZED, RED PANELS SHALL BE INSTALLED AT THE END OF THE ROADWAY AND MAINTAINED UNTIL ADJOINING PROJECT IS BUILT.
12. IF THE IMPROVEMENTS NECESSITATE THE OBLETTERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKINGS, SUCH PAVEMENT MARKINGS WILL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY OF HENDERSON.
13. THE REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION (FAST) MAY HAVE UNDERGROUND FACILITIES IN THE AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL FAST INFRASTRUCTURE ON MAJOR COLLECTOR ROADWAYS AND GREATER, PER THE CITY'S MASTER TRANSPORTATION PLAN (MTP). FAST IS FAST AT 45 MPH OR GREATER, AND GREATER IS GREATER THAN 45 MPH. FAST INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. DAMAGES WILL BE ASSESSED AFTER 24 HOURS HAVE ELAPSED FROM TIME OF BREAK OR DAMAGE PER FAST AND RTC REQUIREMENTS.
14. EXCAVATIONS WITHIN THE PUBLIC RIGHT-OF-WAY, DEEPER THAN 6 INCHES AND HAVING LESS THAN A 4:1 SLOPE MAY REQUIRE EROSION CONTROL, SLOPE PROTECTION, REFERENCE TO AASHTO'S ROADSIDE DESIGN GUIDE, LATEST EDITION, FOR FURTHER GUIDANCE ON ROADSIDE PROTECTION.

COH STANDARD WATER NOTES

0. NO WORK SHALL BEGIN UNTIL THE PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE CITY. FOR PLAN APPROVAL, A MINIMUM 48-HOUR NOTICE SHALL BE GIVEN TO THE CITY'S QUALITY CONTROL DIVISION PRIOR TO THE START OF CONSTRUCTION. NOTICE MUST BE GIVEN TO THE CITY NO LATER THAN 2:00 P.M. OF THE BUSINESS DAY PRIOR TO ANY REQUESTED INSPECTION, SUBSEQUENT TO THE START OF CONSTRUCTION.
2. ALL WORK SHALL CONFORM TO THE MOST CURRENT UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS, INCLUDING THE CITY OF HENDERSON ADDENDUM. ALL MATERIALS UTILIZED SHALL CONFORM TO THE LATEST EDITION OF THE CITY'S APPROVED MATERIALS LIST.
3. A SINGLE WATER MAIN PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT, UNLESS OTHERWISE APPROVED BY THE CITY.
4. ALL WATER MAIN BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS, UNLESS RECEIVING SPECIFIC PROJECT APPROVAL FOR THIS APPLICATION.
5. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
6. ALL WATER MAIN APPURTENANCES SHALL BE LOCATED AS SHOWN ON THE UDACS STANDARD PLATES, WHERE DISCREPANCIES EXIST BETWEEN THIS PLAN SET AND THE UDACS STANDARD PLATES, THE STANDARD PLATES SHALL APPLY.
14. GAUGE SOD COPPER WIRE FOR LINE LOCATIONS SHALL BE REQUIRED UNDER ALL MAINS, ALL SERVICE LATERALS SIX (6) INCH DIAMETER AND LARGER, AND ANY SERVICE LATERAL NOT INSTALLED PERPENDICULAR TO THE MAIN.
15. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO ALLOWING CONNECTION TO THE CITY'S WATER SYSTEM.
16. ALL WATER METERS 2 INCHES AND SMALLER WILL BE SUPPLIED AND INSTALLED BY THE CITY OF HENDERSON. ALL WATER METERS LARGER THAN 2 INCHES SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.
17. ALL PLANGED DUCT IRON FITTINGS SHALL BE COATED WITH EC-244 AND WRAPPED WITH 120 MIL THICK POLYETHYLENE.
18. ALL VALVE BOXES SHALL HAVE CONCRETE COLLARS AT THE SURFACE OF THE PAVED AREAS, PER CLARK COUNTY AREA UNIFORM STANDARD DRAWING NUMBER 517.
22. WATER MAIN BOXES THAT ARE INSTALLED WITHIN LANDSCAPED AREAS SHALL BE INSTALLED WITH REINFORCED CONCRETE COLLARS PER CLARK COUNTY AREA UNIFORM STANDARD DRAWING NUMBER 329.
30. NO OTHER UTILITY LINES MAY BE PLACED IN THE SAME TRENCH WITH WATER LINES.
34. BLUE REFLECTORS ARE REQUIRED AND MUST BE INSTALLED AT THE CENTERLINE OF THE NEAREST DRIVING LANE TO ALL VALVES, FITTINGS, AND MUST BE PERPENDICULAR TO THE HORIZONTAL.
41. ALL WATER MAINS INSTALLED ON ANY PROJECT SHALL BE A MINIMUM WORKING PRESSURE OF 150 PSI, PRESSURE CLASS 235. THE MINIMUM TEST PRESSURE FOR ALL WATER MAINS IS 200 PSI.
46. ANY CONFLICT WITH EXISTING UTILITIES SHALL BE IMMEDIATELY CALLED TO THE ATTENTION OF THE ENGINEER.
47. UNLESS OTHERWISE APPROVED BY THE CITY, ALL PIPING 4 INCHES IN DIAMETER AND LARGER SHALL BE EITHER PVC C-900 OR DUCTILE IRON PIPE, ALL COPPER SERVICE LATERALS TWO (2) INCHES OR SMALLER MUST BE WAPPED IN A MINIMUM 6 MILS THICKNESS POLYETHYLENE PIPELINE SLEEVE OR MUST BE OF PLATED DUCTILE IRON. ALL PIPING 4 INCHES AND LARGER SHALL BE 150 PSI DIAMETER AND LESS SHALL BE TYPE K SOFT COPPER TUBING, NO 3-INCH PIPE SHALL BE USED WITHIN THE CITY FOR ANY DOMESTIC OR FIRE WATER SERVICE.
48. LANDSCAPING AND IRRIGATION, ADJACENT TO WATER VAULTS, SHALL BE INSTALLED IN SUCH A MANNER WHEREBY IRRIGATION WATER DRAIN AWAY FROM THE VAULTS, ALL VAULTS LOCATED BEHIND CURB OR SIDEWALK MUST BE BUILT WITH THE VALVE OPENING DESIGNED TO PROVIDE UNOBSTRUCTED ACCESS FROM THE CURB/STREET SIDE OF THE VAULT.
49. CONTRACTOR SHALL PROVIDE APPURTENANCES TO PERFORM PRESSURE TEST AND DISINFECTION AS REQUIRED BY THE CITY UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS.
50. THE CONTRACTOR SHALL BE ADVISED THAT WATER SERVICE TO EXISTING CUSTOMERS SHALL REMAIN IN SERVICE AT ALL TIMES DURING CONSTRUCTION, LINE STOPS MAY BE REQUIRED IN ORDER TO MAINTAIN SERVICE TO EXISTING CUSTOMERS, GIVEN THIS, THE CONTRACTOR SHALL PLAN ALL WORK ACCORDINGLY, HOWEVER, IF ANY SERVICE DETRIORATION MUST BE DISRUPTED IN ORDER TO ACCOMPLISH THE PROPOSED WORK, THE CONTRACTOR SHALL FOLLOW THE CITY'S ESTABLISHED PROCEDURE FOR WATER MAIN SHUTDOWNS. CIRCUMSTANCES MAY ALSO REQUIRE TEMPORARY SERVICE FEES TO BE INSTALLED, IF SO, THE COST FOR SUCH TEMPORARY SERVICE FEES SHALL BE PAID BY THE CONTRACTOR. ANY TEMPORARY SERVICE FEES MUST RECEIVE SPECIFIC APPROVAL FROM THE CITY.
51. ALL VALVE BOXES, LIDS, MANHOLES AND APPURTENANCES SHALL BE BROUGHT TO WITHIN 1/8" TO 1/4" BELOW FINAL STREET GRADE.

COH STREETLIGHT NOTES

STREETLIGHTS SHALL GENERALLY CONFORM TO CLARK COUNTY STANDARD DRAWINGS (1988), UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA (1986), THE NATIONAL ELECTRIC CODE INCLUDING ALL ADDENDA AND REVISIONS, AND THE FOLLOWING:

FOR GREEN VALLEY RANCH, GREEN VALLEY NORTH AND GREEN VALLEY SOUTH ON

1. STREETLIGHT POLES SHALL BE NOMINAL 26 FEET SIX INCHES TALL, PRESTRESSED CONCRETE WITH EXPOSED BLACK AND WHITE AGGREGATE, SMOOTH FINISH AND PROTECTIVE GRAFFITI RESISTANT CLEAR COATING (AMERON SPEC. 3.1.7 OR EQUIVALENT). ARMS SHALL BE SIX FEET LONG, TWO-INCH ALUMINUM PIPE WITH RISE FOR A LUMINAIRE MOUNTING HEIGHT OF 28 FEET NINE INCHES. POLES SHALL BE AMERON NO. 302-2846 OR EQUIVALENT. FOUNDATION SHALL BE NO LESS THAN 60 INCHES DEEP. CRASH CAP (TOP FOUR INCHES OF THE FOUNDATION) WILL COVER ANCHOR BOLTS. ANCHOR BOLTS PER MANUFACTURER SPECIFICATIONS (ONE INCH BY 36 INCHES BY FOUR INCHES).
- ALL AREAS EXCEPT GREEN VALLEY RANCH, GREEN VALLEY NORTH AND GREEN VALLEY SOUTH

ALL AREAS EXCEPT GREEN VALLEY RANCH, GREEN VALLEY NORTH AND GREEN VALLEY SOUTH

1. STREETLIGHT POLES SHALL BE NORMAL 30 FEET LONG, STEEL, SHEET 11 GAUGE, FACTORY GALVANIZED INSIDE AND OUTSIDE AS PER ASTM A123. ARMS SHALL BE 8 FEET LONG, 2-INCH STEEL PIPE WITH RISE FOR A 1/4 INCH MOUNTING HEIGHT. 31 FEET 9 INCHES LONG. FOUNDATION SHALL BE NO LESS THAN 48 INCHES DEEP. POLES SHALL CONFORM TO CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS NO. 314 & 315.
2. STREET LIGHT LUMINAIRES SHALL HAVE A BALLAST VOLTAGE OF 120 V-277V AND SHALL BE:
 - A. FOR 60-FOOT OR LESS RIGHT-OF-WAY STREETS, HENDERSON RESIDENTIAL APPROVED FIXTURES. SEE APPROVED SUPPLIERS LIST.
 - B. FOR 80-FOOT OR MORE RIGHT-OF-WAY STREETS, HENDERSON ARTERIAL APPROVED FIXTURES. SEE APPROVED SUPPLIERS LIST.
3. THE STREET LIGHTING CIRCUIT SHALL BE 240V, 1 PHASE, 2 WIRE (TWO NO. 4 AND ONE NO. 8 GROUND WIRES IN 1X-INCH CONDUIT). A NO. 10 GREEN WIRE (GROUND) SHALL CONNECT THE LUMINAIRES TO THE POLE'S GROUND LUG AT THE STREET.
4. STREETLIGHTS SHALL BE LOCATED BEHIND THE SIDEWALK OR IN THE MEDIAN ISLAND. ALTERNATIVE LOCATION MUST BE APPROVED BY CITY OF HENDERSON PUBLIC WORKS. SPACING AND LOCATION OF LIGHTS SHALL CONFORM TO CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS NO. 300 THROUGH NO. 313, NO. 320, AND NO. 320.1 WITH ANY ADDENDA AND REVISIONS AS AMENDED BY THE CITY OF HENDERSON. FIELD LOCATIONS MUST BE APPROVED BY THE CITY OF HENDERSON. FIELD LOCATIONS MUST BE INSPECTED AND APPROVED BY THE CITY OF HENDERSON PRIOR TO DIGGING THE FOUNDATIONS AND TRENCHING FOR CONDUITS.
5. THE DEVELOPER SHALL INSTALL PAD-MOUNTED SERVICE POINTS PER CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS NO. 314 & 315 BEHIND THE SIDEWALK. PHOTOCELL (TORK NO. 3000 OR APPROVED EQUIVALENT) MUST BE MOUNTED ON THE SIDE WITHIN THE ENCLOSURE. PROPOSED LOCATION OF SERVICE POINTS MUST BE SHOWN ON THE DRAWINGS SUBJECT TO REVISION BY NV ENERGY. THE SERVICE RUN SHALL BE 120/240V, 1 PHASE, 3 WIRE CIRCUIT BREAKER SECTION WILL BE:
 - A. 125 AMP SERVICE PEDESTAL: (PRIOR AUTHORIZATION REQUIRED FROM COH PUBLIC WORKS.)
 1. 60 AMP DOUBLE POLE/240V - STREETLIGHT CIRCUIT A (WITH CONTACTOR)
 2. 60 AMP DOUBLE POLE/240V - STREETLIGHT CIRCUIT B (WITH CONTACTOR)
 3. 15 AMP SINGLE POLE/120V - PHOTOCELL
 - B. 200 AMP SERVICE PEDESTAL:
 1. 60 AMP SINGLE POLE/120V - TRAFFIC SIGNAL
 2. 30 AMP SINGLE POLE/120V - INTERSECTION LIGHTS
 3. 60 AMP DOUBLE POLE/240V - STREETLIGHT CIRCUIT A (WITH CONTACTOR)
 4. 60 AMP DOUBLE POLE/240V - STREETLIGHT CIRCUIT B (WITH CONTACTOR)
 5. 15 AMP SINGLE POLE/120V - PHOTOCELL6

6 ALL WIRES SHALL BE THWN OR THW 7-STRAND COPPER

SOUTHERN NEVADA - SWG CORP. GENERAL NOTES

1. IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-8020.
2. MINIMUM HORIZONTAL AND VERTICAL CLEARANCES BETWEEN NATURAL GAS FACILITIES AND ANY UNDERGROUND UTILITIES AND/OR STRUCTURES, INCLUDING BUT NOT LIMITED TO WATER, SEWER, STORM DRAIN, COMMUNICATIONS, AND ELECTRIC SHALL BE AT LEAST 12-INCHES OR GREATER AS DICTATED BY LOCAL CODES AND STANDARDS. A MINIMUM CLEARANCE FROM SPECIFIED MINIMUM CLEARANCES MUST BE APPROVED BY ALL AFFECTED UTILITIES AND/OR MUNICIPALITIES.
3. FOR VALVE ADJUSTMENT CONTACT 702-528-8467 14 DAYS PRIOR TO CONSTRUCTION.
4. FOR ADJUSTMENT OF CATHODIC PROTECTION TEST POINTS CONTACT 702-365-2388 14 DAYS PRIOR TO CONSTRUCTION.
5. IN THE EVENT OF A NATURAL GAS CONFLICT WITH PROPOSED UTILITIES AND STRUCTURES CONTACT 702-365-2099.
6. FOR STANDBY WHEN EXCAVATING (INCLUDING SAW CUTTING AND PAVEMENT REMOVAL) OVER OR NEAR HIGH PRESSURE GAS LINES CONTACT 702-738-8451 48 HOURS PRIOR TO CONSTRUCTION.

COH FIRE DEPARTMENT GENERAL NOTES

GENERAL:

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE INTERNATIONAL FIRE CODE AS AMENDED AND THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS (UDCAS) AS ADOPTED BY THE CITY OF HENDERSON.
 2. APPROVED FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED TO ALL CONSTRUCTION SITES PRIOR TO THE PERMANENT FIRE APPARATUS ACCESS ROADS BEING COMPLETE. THE APPROVED VEHICLE ACCESS, ACCESS TO BUILDINGS, HYDRANTS AND OTHER FIRE APPLIANCES SHALL NOT BE BLOCKED BY CONSTRUCTION MATERIALS, EQUIPMENT OR OPEN UTILITY TRENCHING.
 3. AN APPROVED WATER SUPPLY FOR FIRE PROTECTION, EITHER TEMPORARY OR PERMANENT, SHALL BE MADE AVAILABLE 24 HOURS AS COMBUSTIBLE MATERIAL ARRIVES ON SITE. ADDITIONAL FIRE FLOW SHALL BE PROVIDED UPON COMMENCEMENT OF VERTICAL CONSTRUCTION IN ACCORDANCE WITH IFC SECTION 313.3 AS AMENDED.
 4. PRIOR TO CLOSING ANY WATER SUPPLY CONTROL VALVE OR PLACING ANY FIRE HYDRANT OUT OF SERVICE CONTACT HENDERSON FIRE DEPARTMENT DISPATCH CENTER (702-267-4913) AND ANY MONITORING FACILITY SUPERVISING THE CONTROL VALVE(S).
- FIRE HYDRANTS:**
5. FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST CURRENT EDITION OF UDACS AND SHALL BE MAINTAINED IN ACCORDANCE WITH NEPA 25 AND KEPT IN AN OPERATIVE CONDITION WITH THE REQUIRED WATER SUPPLY.
 6. MANUFACTURER AND MODEL OF FIRE HYDRANTS SHALL CONFORM TO THE APPROVED MATERIALS LIST BY CITY OF HENDERSON UTILITIES SERVICE DEPARTMENT. FINAL ACCEPTANCE OF HYDRANT INSTALLATION SHALL BE BY CITY OF HENDERSON PUBLIC WORKS DEPARTMENT – QUALITY CONTROL DIVISION.
 7. HYDRANTS SHALL BE INSTALLED WITH THEIR PUMPER OUTLET NOZZLE (STEAMER CONNECTION) FACING THE FIRE ACCESS ROAD. A 3-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS WHERE HYDRANTS ARE SUBJECT TO IMPACT BY MOTOR VEHICLES, GUARD POSTS (PIPE BOLLARDS) SHALL BE INSTALLED IN ACCORDANCE WITH IFC SECTION 312.
 8. HYDRANTS SHALL BE PAINTED SAFETY YELLOW FOR PUBLIC AND SAFETY RED FOR PRIVATE.
 9. ALL PUBLIC FIRE HYDRANTS SHALL HAVE A SIX DIGIT NUMBER AS DESIGNATED BY CITY OF HENDERSON UTILITIES SERVICES DEPARTMENT (702-267-2536) PAINTED ON THE BARREL BY THE HYDRANT INSTALLER. THE NUMBER SHALL BE IN 1" HIGH BLACK LETTERS USING BLACK ENAMEL PAINT.
 10. PAINTING OF CURBS AND/OR ASPHALT AREAS ADJACENT TO HYDRANTS SHALL BE COMPLETED BY THE INSTALLER PRIOR TO FINAL INSPECTION. A COAT OF EXTERIOR INDUSTRIAL GRADE SAFETY RED ENAMEL SHALL BE APPLIED FOR A MINIMUM OF 15 FEET ON EITHER SIDE OF THE HYDRANT.
 11. HYDRANT LOCATIONS SHALL BE MARKED BY MEANS OF A BLUE REFLECTIVE PAVEMENT MARKER INSTALLED IN THE CENTER OF THE FIRE ACCESS DRIVE LANE NEAREST TO THE HYDRANT.

FIRE DEPARTMENT CONNECTIONS:

12. FDC SHALL BE LOCATED WITHIN 100 FEET OF A FIRE HYDRANT AS MEASURED BY AN APPROVED UNOBSTRUCTED ROUTE.
13. FDC SHALL FACE THE FIRE LANE.
14. FDC SHALL NOT BE CLOSER THAN 3 FEET TO ANY DOOR OR WINDOW OPENING AND SHALL NOT BE OBSTRUCTED BY TREES, SHRUBS, PARKING SPACES, ETC.

UNDERGROUND PIPING & VALVES

15. UNDERGROUND PIPING SHALL HAVE A MINIMUM WORKING PRESSURE OF 150 PSI. UNDERGROUND PIPING CONNECTED TO A FIRE PUMP OR A FIRE DEPARTMENT CONNECTION (FDC) SHALL HAVE A MINIMUM WORKING PRESSURE OF 200 PSI (CLASS 305).
16. TWO SOURCES OF WATER SUPPLY ARE REQUIRED WHENEVER 4 OR MORE FIRE HYDRANTS AND/OR FIRE SPRINKLER LEAD-INS ARE INSTALLED ON A SINGLE SYSTEM.
17. 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 BREAK IN A WATER MAIN.
18. A POST INDICATING VALVE (PIV) SHALL BE PROVIDED AND INSTALLED A MINIMUM OF 5 FEET FROM THE BUILDING ON EACH-FIRE SPRINKLER LEAD-IN AND SHALL BE SET SO THE TOP OF THE POST WILL BE 32" TO 40" ABOVE THE FINAL GRADE.
19. ALL VALVES THAT CONTROL THE FLOW OF WATER TO PRIVATE FIRE SERVICE MAINS AND/OR FIRE SPRINKLER SYSTEMS SHALL BE TESTED, INDICATING, AND ELECTRICALLY SUPERVISED. EXCEPTION 1. UNDERGROUND KEY OR HUB VALVES. EXCEPTION 2. BACKFLOW ASSEMBLY VALVES THAT ARE CHAINED AND LOCKED IN THE OPEN POSITION OR LOCATED IN AN UNDERGROUND VAULT OR APPROVED INSULATED ENCLOSURE; HOWEVER, BACKFLOW ASSEMBLY VALVES THAT ARE LOCATED IN A CONTROL VAULT SHALL BE TESTED, INDICATING, AND ELECTRICALLY SUPERVISED AND MONITORED.
20. ALL PIPING AND VALVES SUPPLYING FIRE SPRINKLER SYSTEMS SHALL BE PROTECTED FROM FREEZING WHEN EXPOSED TO TEMPERATURES LESS THAN 40°F. FREEZE PROTECTION SHALL BE APPROVED, DURABLE AND PERMANENT.
21. ALL BACKFLOW OR CROSS CONNECTION REQUIREMENTS OF THE CITY OF HENDERSON UTILITY SERVICES DEPARTMENT SHALL BE MET BY THE INSTALLATION OF A BACKFLOW PREVENTER.
22. ALL REQUIRED TESTING AND FLUSHING OF UNDERGROUND FIRE SPRINKLER, STANDPIPE, WATER SUPPLY PIPING INCLUDING IN-BUILDING RISERS SHALL BE PERFORMED IN THE PRESENCE OF CITY OF HENDERSON PUBLIC WORKS - QUALITY CONTROL DIVISION (702-267-3100). THE INSTALLING CONTRACTOR SHALL FURNISH A "CONTRACTOR'S MATERIAL AND TESTING CERTIFICATE" (CM&T) COUNTERSIGNED BY THE PROPERTY OWNER OR REPRESENTATIVE. THE CM&T SHALL BE FILLED OUT COMPLETELY WITH QC INSPECTOR'S INITIALS, WITNESSING EACH TEST. A COPY OF THE UNDERGROUND FLOOD-STOPPING AND BACKFLOW PREVENTING TESTING AND SIGNED PRIOR TO THE CONNECTION OF THE UNDERGROUND WATER SUPPLY TO THE FIRE SPRINKLER SYSTEM.

GATES:

23. SHOP DRAWINGS FOR ALL GATES AND MOTORIZED OPENERS OBSTRUCTING FIRE DEPARTMENT ACCESS ROADS SHALL BE SUBMITTED SEPARATELY FOR REVIEW AND RECEIVE APPROVAL PRIOR TO INSTALLATION. A SEPARATE PERMIT IS REQUIRED FOR EACH GATED ENTRANCE.
- SPEED BUMPS / SPEED HUMPS:
24. SPEED BUMPS AND/OR SPEED HUMPS SHALL NOT BE PERMITTED WITHIN THE REQUIRED WIDTH OF FIRE APPARATUS ACCESS ROADS. EXCEPTION: TRAFFIC CALMING DEVICES THAT COMPLY WITH THE CITY OF HENDERSON "TRAFFIC CALMING POLICY FOR PUBLIC AND PRIVATE ROADWAYS WITHIN THE CITY OF HENDERSON".

SPEED BUMPS / SPEED HUMPS

24. SPEED BUMPS AND/OR SPEED HUMPS SHALL NOT BE PERMITTED WITHIN THE REQUIRED WIDTH OF FIRE APPARATUS ACCESS ROADS. EXCEPTION: TRAFFIC CALMING DEVICES THAT COMPLY WITH THE CITY OF HENDERSON "TRAFFIC CALMING POLICY FOR PUBLIC AND PRIVATE ROADWAYS WITHIN THE CITY OF HENDERSON".

COH STANDARD SEWER NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN & CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, INCLUDING THE CITY OF HENDERSON ADDENDUM, AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA. AS AMENDED, IN ALL CASES, THESE STANDARDS SHALL SUPERSEDE THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATION BOOKS. ALL MATERIALS UTILIZED SHALL CONFORM TO THE LATEST EDITION OF THE CITY'S APPROVED MATERIALS LIST.
2. SEWER MAINS ONLY SHALL BE LAID IN SEWER TRENCHES.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION PER PLANS.
4. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY OF HENDERSON.
5. SOIL TESTING SHALL BE IN ACCORDANCE WITH SECTION 3.15 OF THE DESIGN & CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS.
6. ALL EXFILTRATION, INFILTRATION, AIR TESTING AND TELEVIEWING OF LINES SHALL BE IN ACCORDANCE WITH THE DESIGN & CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS.
7. CUT SHEETS MUST BE SUBMITTED TO THE AGENCY BEFORE CONSTRUCTION WILL BE PERMITTED TO START.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF HENDERSON MUST BE CLASS "A" CONTRACTORS.
9. ALL HOUSE SEWER LATERALS SHALL BE LAID TO A MINIMUM 2 PERCENT SLOPE AND SHALL CONFORM TO ALL STANDARDS FOR CONSTRUCTION OF OFFSITE IMPROVEMENTS IN THE CLARK COUNTY AREA, UNLESS RECEIVING SPECIFIC PROJECT APPROVAL.
10. ALL SANITARY SEWER MANHOLES SHALL BE CONSTRUCTED WITH 24-HOUR, SEVEN DAY A WEEK, ALL-WEATHER DRIVABLE ACCESS TO ACCOMMODATE SEWER MAINTENANCE VEHICLES. THIS INCLUDES A 12-FOOT WIDE ACCESS ROAD WITH A MINIMUM 50-FOOT INSIDE TURNING RADIUS.
11. DURING THE CONSTRUCTION OF NEW FACILITIES, A DEBRIS TRAP SHALL BE PROVIDED IN ACCORDANCE WITH STANDARD DRAWING SD-30 IN THE FIRST MANHOLE UPSTREAM FROM THE EXISTING SEWER TO WHICH THE NEW SEWER WILL BE CONNECTED AND A TRAP IS INSTALLED IN THE OUTLET PIPE OF THAT MANHOLE TO PREVENT DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER. THIS TRAP SHALL REMAIN IN PLACE UNTIL THE NEW SEWER IS COMPLETED, TESTED, AND IS READY FOR TRANSFER TO THE AGENCY.
12. ALL MANHOLES UNDER CONSTRUCTION SHALL HAVE PLYWOOD PLACED IN THE BASE TO STOP DEBRIS FROM GETTING INTO THE SEWER MAIN. ALL PLYWOOD SHALL BE REMOVED BEFORE CLEANING AND ACCEPTANCE.
13. ANY MANHOLE BEING MODIFIED THAT HAS AN EXISTING LINING SYSTEM REQUIRES THE REPAIR OF THE LINING SYSTEM AFTER ALL MODIFICATIONS ARE COMPLETE.
14. ANY SEWER MANHOLE LINING SYSTEM SHALL ONLY BE INSTALLED AFTER ALL FINAL GRADE ADJUSTMENTS ARE COMPLETE FOR THAT MANHOLE.
15. ALL SEWER MAINS UNDER CONSTRUCTION AT LESS THAN ONE (1) PERCENT SHALL BE STAKED FOR CONSTRUCTION AT A MAXIMUM OF 25 FEET ON CENTER.
16. SEWER LATERALS SHALL MAKE CONNECTION TO SEWER MAINS ONLY. SEWER LATERALS SHALL NOT BE CONNECTED DIRECTLY TO ANY SEWER MANHOLE.
17. A 1/4 SINGLE TYPE OF PIPE MATERIAL SHALL BE USED FROM MANHOLE TO MANHOLE. A CHANGE IN SEWER MAIN PIPE MATERIAL OR PIPE SIZE SHALL ONLY OCCUR AT A MANHOLE.
18. ALL SEWER MAINS FOR FUTURE DEVELOPEABLE AREAS WILL BE CONSTRUCTED USING C-900 PIPE MATERIAL.

ENGINEER'S NOTES

1. LAS VEGAS CIVIL ENGINEERING SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES IN THE PLANS OR CONDITIONS IN THE FIELD.
2. ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFFSITE OWNER.
3. SCARPS ARE NOT SHOWN ON PLAN FOR CLARITY PURPOSES FOR AREAS THAT ARE FLATTER THAN 2:1 SLOPE, OR LESS THAN 1' ELEVATION DIFFERENCE.
4. ALL SLOPE AREAS SHALL HAVE A MINIMUM ONE FOOT SHOULDER NEXT TO WALL PRIOR TO STARTING SLOPE.
5. PAD SECTION SHOWN ON PLANS IS FOR REFERENCE ONLY. FOR ACTUAL SECTION, REFER TO GEOTECHNICAL REPORT FOR SOILS ENGINEERS' RECOMMENDATION.
6. ALL SIDEWALK AND PARKING AREA INSTALLATIONS SHALL CONFORM TO ADA REQUIREMENTS.
7. RETAINING WALL ELEVATIONS ARE SHOWN FOR CONVENIENCE ONLY. CONTRACTOR MUST VERIFY EXACT TOP OF FOOTINGS, STEP FOOTINGS, AND TOP OF RETAINING WALLS TO MATCH FIELD CONDITIONS, PRIOR TO COMMENCEMENT OF WORK.
8. LAS VEGAS CIVIL ENGINEERING ACCEPTS NO LIABILITY FOR UTILITY LOCATIONS SHOWN OR NOT SHOWN ON THESE PLANS. THE UTILITY LOCATIONS HERE SHOWN OR NOT SHOWN ON THESE PLANS ARE BASED ON INFORMATION PROVIDED BY THE UTILITY PROVIDER. ALL ARE HEREBY NOTIFIED TO CONFIRM ALL INFORMATION, SHOWN OR NOT SHOWN ON THESE PLANS, PRIOR TO COMMENCING CONSTRUCTION.

STORM WATER POLLUTION STANDARD PLAN NOTES

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF THE CITY OF HENDERSON AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. AN ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO FORESEEN OR UNFORESEEN PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF HENDERSON AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI000000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORM WATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY; REFER TO THE NEVADA STORMWATER DISTURBANCE ACTIVITIES, REFER TO THE NEVADA STORM WATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI000000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORM WATER 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.

ADDITIONAL ABBREVIATIONS

AC	ASPHALTIC CONCRETE	NO	NUMBER
ACP	ASBESTOS CEMENT PIPE	OC	ON CENTER
ADJ	ADJUST	OD	OUTSIDE DIAMETER
BC	BEGINNING OF CURB OR BACK OF CURB	P	POWERLINE
BCR	BEGINNING OF CURB RETURN OR BACK OF CURVE RADIUS	PC	POINT OF CURVATURE
BDRY	BOUNDARY	PCC	POINT OF COMPOUND CURVE
BEG	BEGIN	PG	PAD GRADE
BM	BENCHMARK	PHP	PLASTIC HIGH PRESSURE
BSW	BACK OF SIDEWALK	PI	POINT OF INTERSECTION
BVC	BEGINNING OF VERTICAL CURVE	PL	PROPERTY LINE
C & G	CURB AND GUTTER	PP	POWER POLE
CE	COMMON ELEMENT LOT	PRC	POINT OF REVERSED CURVE
CF	CURB FACE	PR/PROP	PROPOSED
CI	CAST IRON PIPE	PT	POINT OF TANGENT
CL	CENTERLINE	PVC	POLY VINYL CHLORIDE PIPE
CMP	CORRUGATED METAL PIPE	PVI	POINT VERTICAL INTERSECTION
CONC	CONCRETE	PVMT	PAVEMENT
CONST	CONSTRUCT	Q	RATE OF FLOW
DC	DEPRESSED CURB	RCB	REINFORCED CONCRETE BOX
DI	DROP INLET	R	RIGHT
DIA	DIAMETER	R/W	RIGHT-OF-WAY
DIH	DUCTILE IRON PIPE	S	SANITARY SEWER
DMH	DROP MANHOLE	SD	STORM DRAIN
END	END OF CURVE	SH	STEEL HIGH PRESSURE
ECR	END OF CURB RETURN	SH	SHEET
EL	ELEVATION	SP MH	SPECIAL MANHOLE
EP	ELECTRICAL PAD	STA	STATION
EX	EXISTING	STD	STANDARD
FC	FACE OF CURB	STL	STEEL
FF	FINISHED FLOOR	SVZ	SIGHT VISIBILITY ZONE
FG	FINISH GRADE	SW	SIDEWALK
FH	FIRE HYDRANT	T	TANGENT DISTANCE OR TELEPHONE
FL	FLOW LINE	TC	TOP OF CURB
G	GAS	TF	TOP OF FOOTING
GB	GRADE BREAK	TRW	TOP OF RETAINING WALL
HGT	HIGH OR HEIGHT	TMH	TOP OF MANHOLE
HOR	HORIZONTAL	TP	TELEPHONE PAD
HP	HIGH POINT	TSV	TRAFFIC STREET LIGHT VAULT
ID	INSIDE DIAMETER	TSW	TOP OF SIDEWALK
INV	INVERT	U.N.O.	UNLESS NOTED OTHERWISE
LAT	LATERAL	VC	VERTICAL CURVE
LF	LINEAL FEET	VCP	VITRIFIED CLAY PIPE
L	LEFT	VERT	VERTICAL
MAX	MAXIMUM	VG	VALLEY GUTTER
		WMB	WATER METER BOX

MATERIAL QUANTITIES

<u>PUBLIC</u>		<u>PRIVATE</u>	
3" ASPHALT PAVEMENT.....	193 SY	2" ASPHALT PAVEMENT.....	533 SY
TYPE III 11" CY.....	11 CY	TYPE III.....	68 CY
1.5" RPM (1" DEMAND) WATER SERVICE.....	4 EA	ROLL CURB.....	330 LB
8" WATER C900 PVC CLASS 235.....	58 LF	1-1/4" SDR 11 SEWER FORCE MAIN.....	101 LF
6" WATER LK 350 POLYWRAPPED DIP.....	101 LF	1-1/4" CHECK VALVE.....	4 EA
1.5" POLYWRAPPED COPPER WATER LATERAL.....	84 LF	PAVEMENT BUTTON.....	1 EA
16" STEEL CASING.....	31 LF		
FIRE HYDRANT.....	1 EA		
2" SDR 11 SEWER FORCE MAIN.....	452 LF		
2" CHECK VALVE.....	2 EA		
2" FLUSHING CONNECTION.....	2 EA		
RIP RAP (DSO=3").....	2 CY		
"STOP" SIGN.....	1 EA		
STREET NAME SIGN.....	1 EA		
SURVEY MONUMENTS.....	20 EA		

CAUTION TO CONTRACTOR!

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE AND FOR REFERENCE ONLY. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES SHOWN OR UTILITIES NOT SHOWN IN THE CORRECT LOCATION.

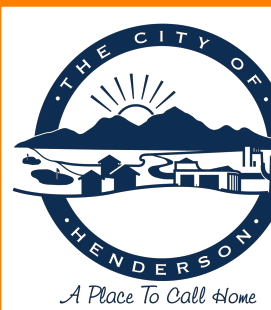


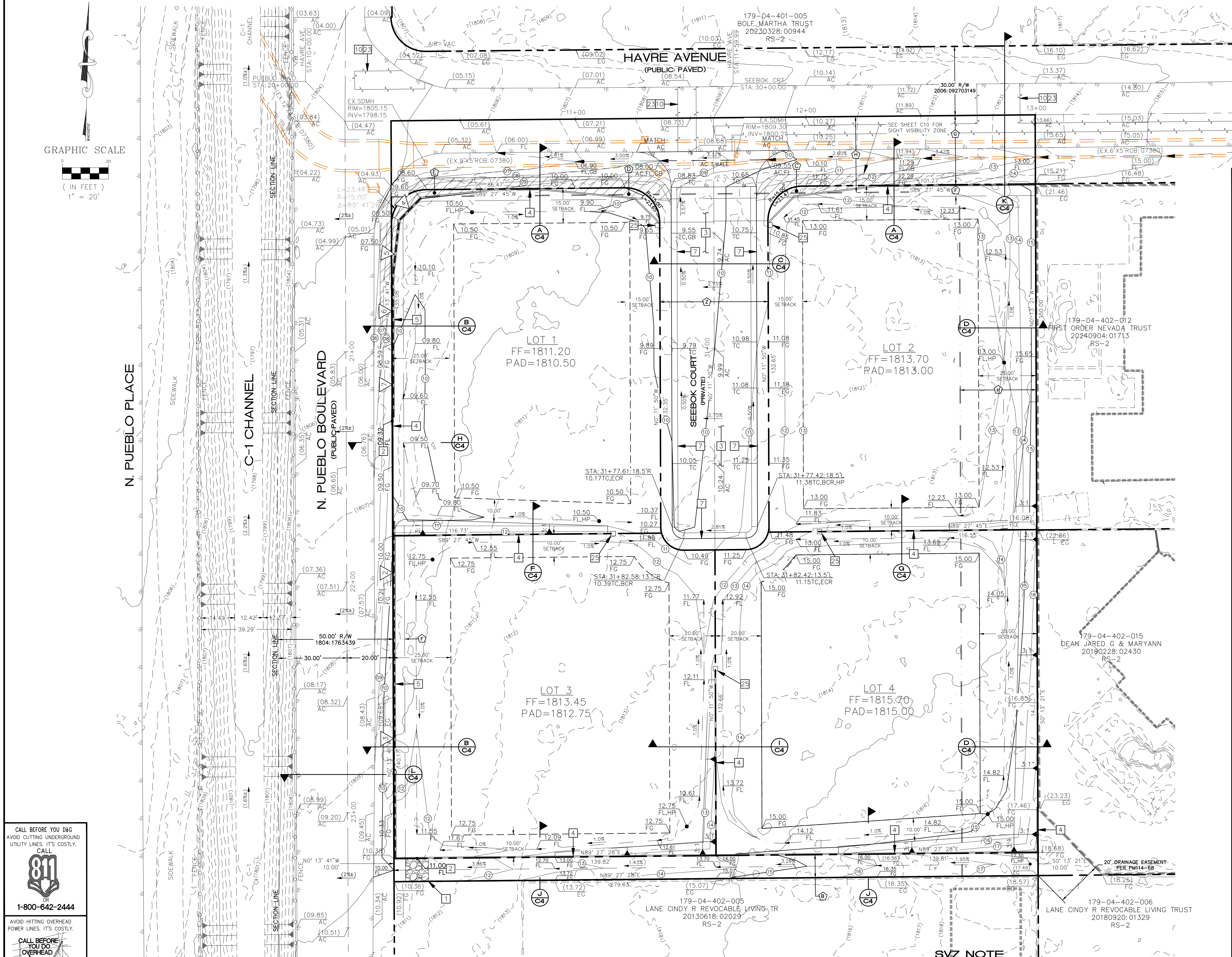
A Place To Call Home

City of Henderson Approval of the Improvement Plans is granted for two (2) years. A one (1) year extension may be granted by submitting an Improvement Agreement Extension Amendment to the City of Henderson Department of Public Works if work is not completed within two (2) years of the original approval date.

APPROVED - 04/27/2026

PCVL2025350008





CALL BEFORE YOU DIG
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.
CALL
811
OR
1-800-642-2444
AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.
CALL BEFORE
YOU DO
OVERHEAD
1-702-227-2929

EARTHWORKS		DISTURBANCE	
CUT.....	1312 CY	ON-SITE.....	0.03 AC
FILL.....	1601 CY	OFF-SITE.....	2.11 AC
NET.....	289 CY (F)		

NOTE: THESE QUANTITIES ARE FOR PLAN CHECKING PURPOSES

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

- CONSTRUCTION NOTES**
1. INSTALL 10'X10' RIP RAP PAD, 600-3 INCH, 1-6 INCH.
 2. INSTALL DRAINAGE WEIR BLOCK AT FLOW LINE ELEVATION SHOWN ON THE TAG. SEE DETAIL SHEET C5.
 3. INSTALL 2" ASPHALT PAVEMENT OVER 4" TYPE B COMPACTED TO 95% RELATIVE DENSITY PER SOILS STUDY.
 4. CONSTRUCT 6" HIGH BLOCK WALL PER SNOBO RDS B-100-1.
 5. CONSTRUCT 6" HIGH BLOCK WALL ATOP OF 3" MAX. HIGH RETAIN WALL PER SNOBO RDS B-100-2.
 6. INSTALL 8" GATE VALVE PER UDACS PLATE 31.
 7. INSTALL 30" ROLL CURB PER USDOCA 217.2.51.
 8. INSTALL CHECK VALVE ASSEMBLY PER DETAIL SHEET C5. (PRIVATE)
 9. INSTALL HORSE SDR 11 1/4" SEWER FORCE MAIN LATERAL WITH CAP PER DETAIL SHEET C5. (PRIVATE)
 10. SAWCUT TO A NEAT LINE AND REMOVE EXISTING AND PREPARE AREA FOR NEW IMPROVEMENT.
 11. INSTALL FORCE MAIN FLUSHING CONNECTION PER DETAIL SHEET C5. SEE TAG FOR SIZE, BACKFILL PER UDACS PLATE 36. (PUBLIC)
 12. CORE DRILL MANHOLE AND CONNECT 2" FORCEMAIN, RESHAPE MANHOLE BASE. PROVIDE CORROSION PROTECTION AND ODOOR CONTROL PER DCSWCS 2.3.19.1, 2.3.8 & 2.3.19.1 AND SD-9. (PUBLIC)
 13. CLSM ENCASEMENT 10' PAST BOTH SIDES OF THE RCB UNDO. PER DCSWCS SD-18.
 14. INSTALL 2" ASTM D2239 PE 4710 HORSE SDR 11 FORCE MAIN SEWER W/WARNING TAPE AND BRADLEY WIRE PER DCSWCS SD-15. SEE TAG FOR LENGTH.
 15. REMOVE EXISTING CAP AND CONNECTION TO 8" WATER MAIN.
 16. INSTALL 2" CAP AND BLOW-OFF ASSEMBLY PER UDACS PLT. 36 AT STA:31+60.84-11.50'R (PUBLIC).
 17. INSTALL 8" C900 PVC CLASS 235 WATER LINE PER UDACS PLT. 17. SEE TAG FOR LENGTH (PUBLIC).
 18. INSTALL 8" PDP CLASS 350 WATER LINE CROSSING PER UDACS PLT. 22. SEE SHEET C7 (PUBLIC).
 19. INSTALL 1.5" POLYMERAPPED COPPER WATER LATERAL AND 1.5" RFM (1" DEMAND) WATER METER PER UDACS PLT. 3. SEE TAG FOR STATION.
 20. INSTALL FIRE HYDRANT PER UDACS PLT. 40 AT STA:30+54.43-11.50'R.
 21. INSTALL 8"x8"x8" TEE AND 8" GATE VALVE PER UDACS PLT. 31 AND 39 AT STA:29+82.87-11.50'R.
 22. INSTALL 8" 45° BEND PER UDACS PLT. 31 (HORIZONTAL), MECHANICALLY RESTRAINED (VERTICAL). SEE BRIDGEL FOR VERTICAL BENDS.
 23. BACKFILL PER DCSWCS SD-17 IN PAVED AREAS (MATCH EXISTING PAVEMENT THICKNESS) AND SD-16 IN UNPAVED AREAS. ALSO, ALL TRENCH, BACKFILL AND AC RESTORATION SHALL COMPLY WITH CALSD NO.5 503, 500.4 AND 500.5. RESTORE/REPLACE STRIPING AS NEEDED.
 24. NOT USED.
 25. CONSTRUCT 7" HIGH BLOCK COLUMN PER SNOBO RDS BFS-2.
 26. INSTALL "STOP" R1-1 SIGN (30"x30") - GROUND MOUNTED - TO BE PRIVATELY MAINTAINED.
 27. INSTALL STREET NAME D301 (6"x18") - ATOP OF "STOP" SIGN - TO BE PRIVATELY MAINTAINED.
 28. PAINT CURB SAFETY RED 15 FEET ON EACH SIDE OF THE HYDRANT AND STENCIL IN WHITE LETTERS "NO PARKING FIRE LANE"
 29. INSTALL BLUE REFLECTIVE PAVEMENT MARKER.

ENCUMBRANCE SCHEDULE

SYMBOL	LF	TF	TRW	COURSES
1	20'	1809.50'	1812.18'	4
2	26'	1809.50'	1812.18'	4
3	120'	1810.17'	1812.18'	3
4	13'	1808.67'	1810.67'	3
5	25'	1808.00'	1810.00'	3
6	28'	1808.00'	1810.00'	3
7	28'	1808.67'	1809.33'	1

RETAINING WALL SCHEDULE

SYMBOL	LF	TF	TRW	COURSES
1	20'	1809.50'	1812.18'	4
2	26'	1809.50'	1812.18'	4
3	120'	1810.17'	1812.18'	3
4	13'	1808.67'	1810.67'	3
5	25'	1808.00'	1810.00'	3
6	28'	1808.00'	1810.00'	3
7	28'	1808.67'	1809.33'	1

BENCHMARK
CITY OF HENDERSON BENCHMARK NUMBER 325
2" BRASS CAP IN THE TOP OF CURB AT THE SOUTHWEST CORNER OF WARM SPRINGS ROAD AND EMBEN DRIVE.
ELEVATION=573.972 (M)/USFT) 1883.11 (NAVD '88)

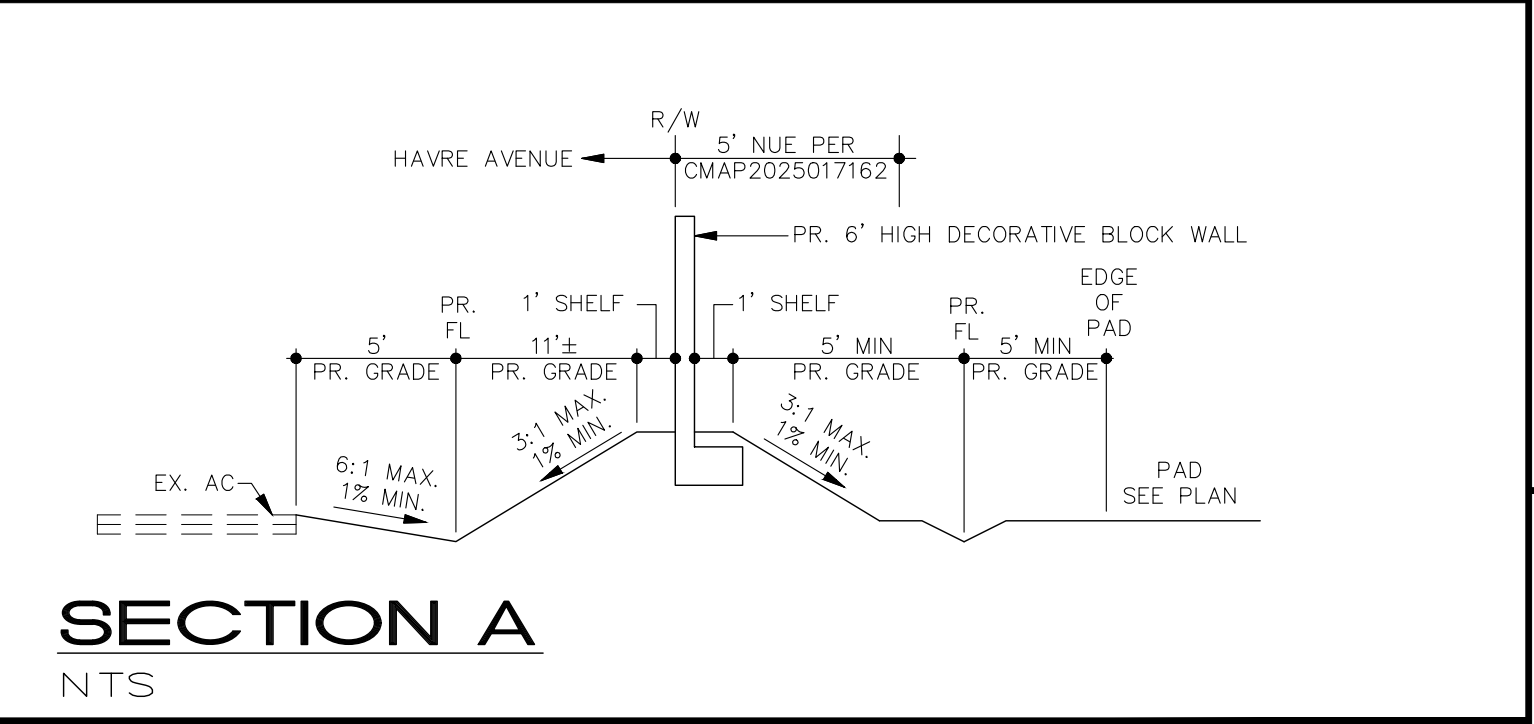
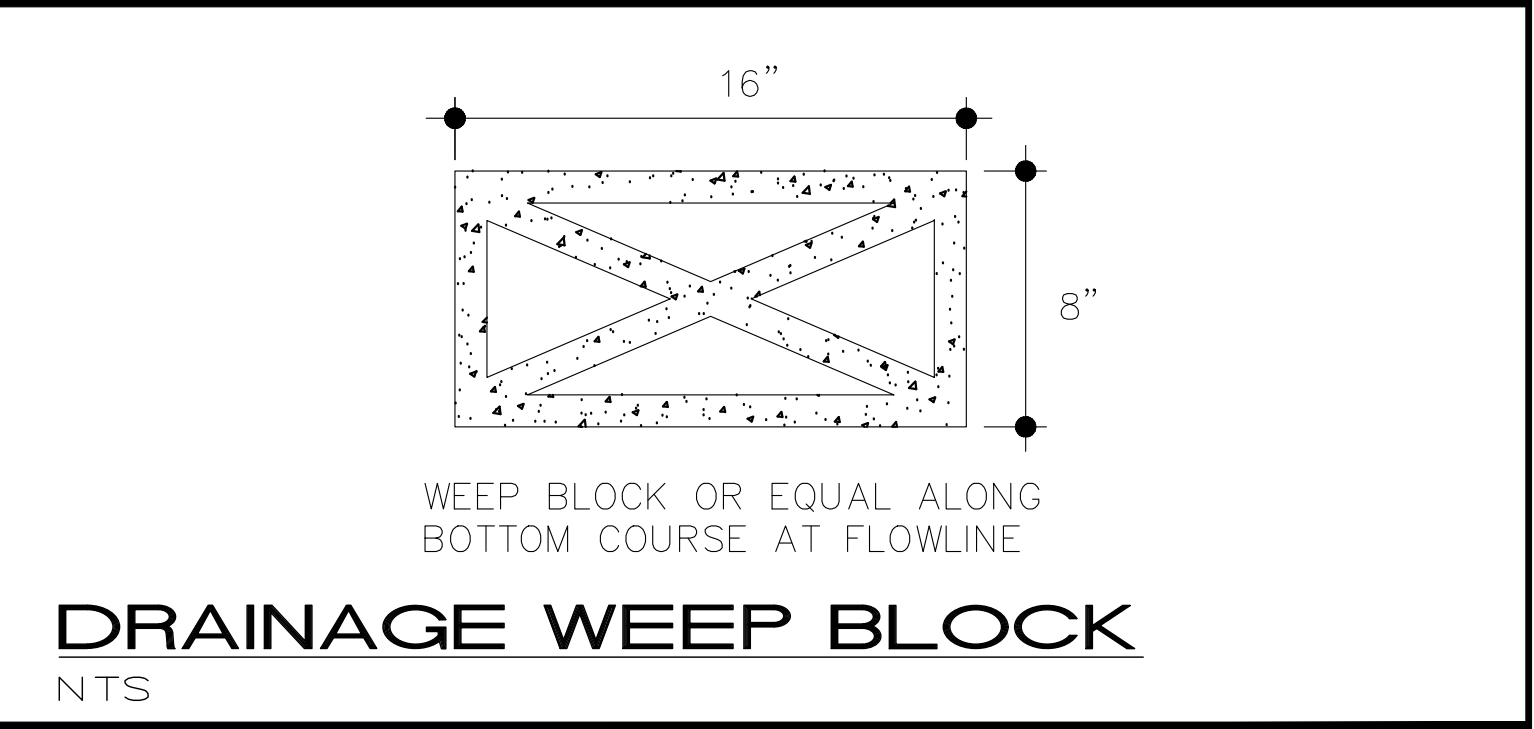
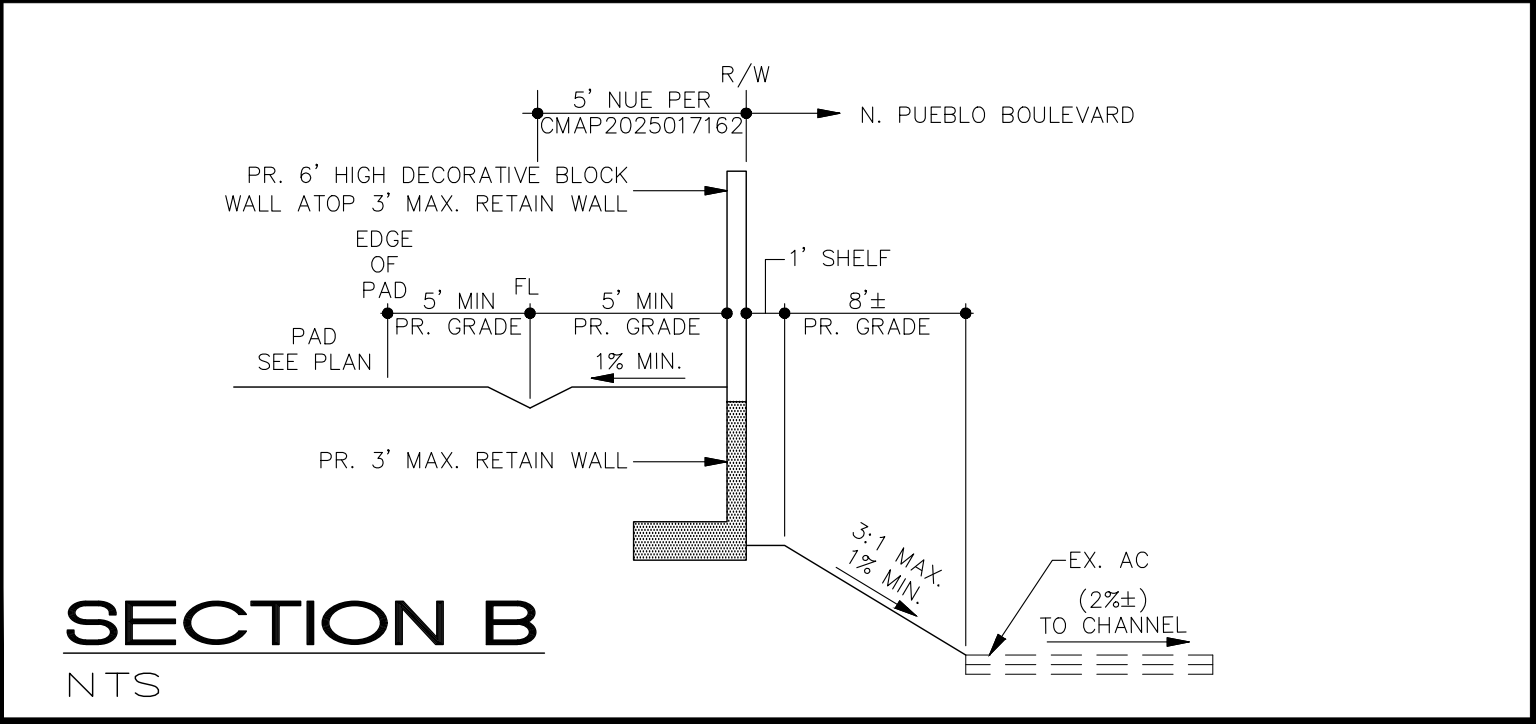
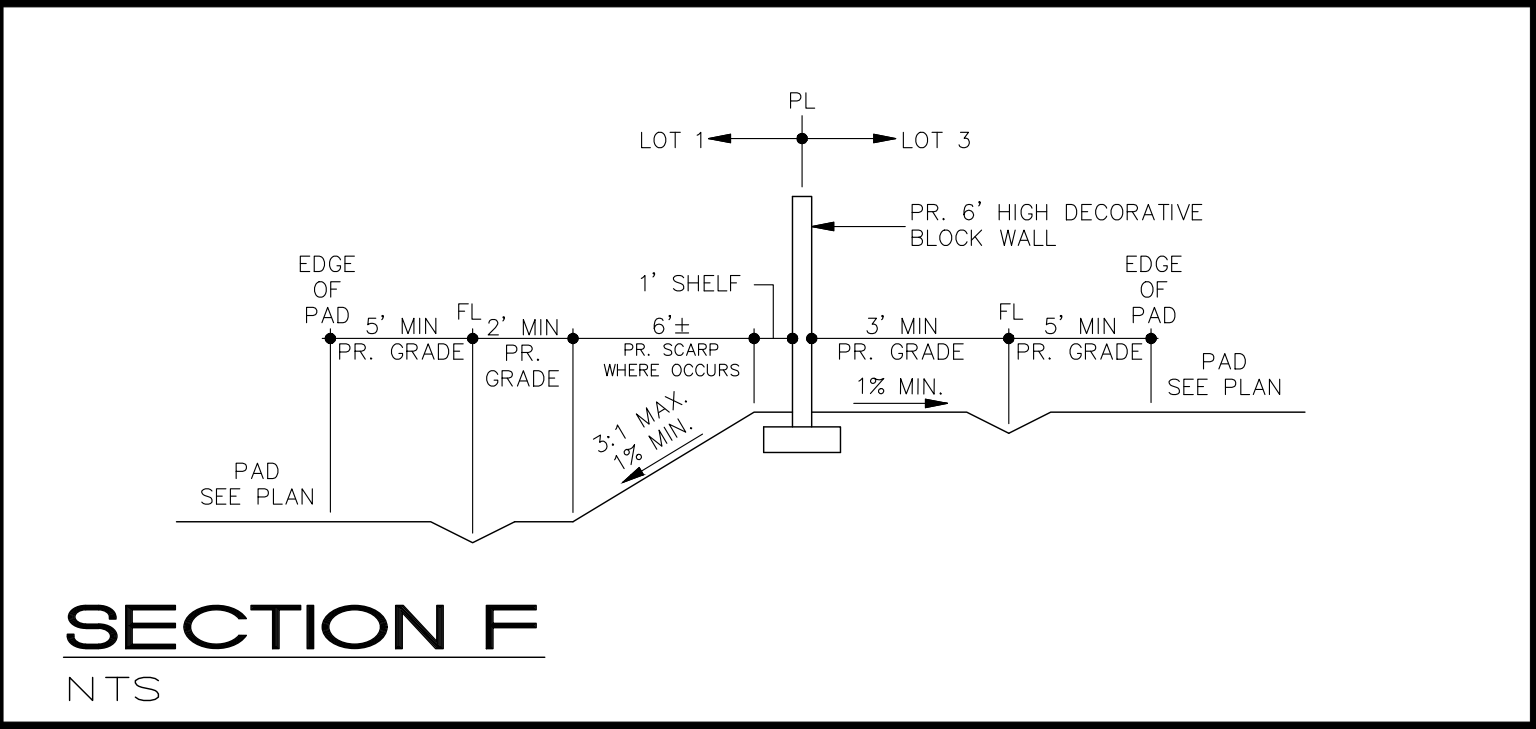
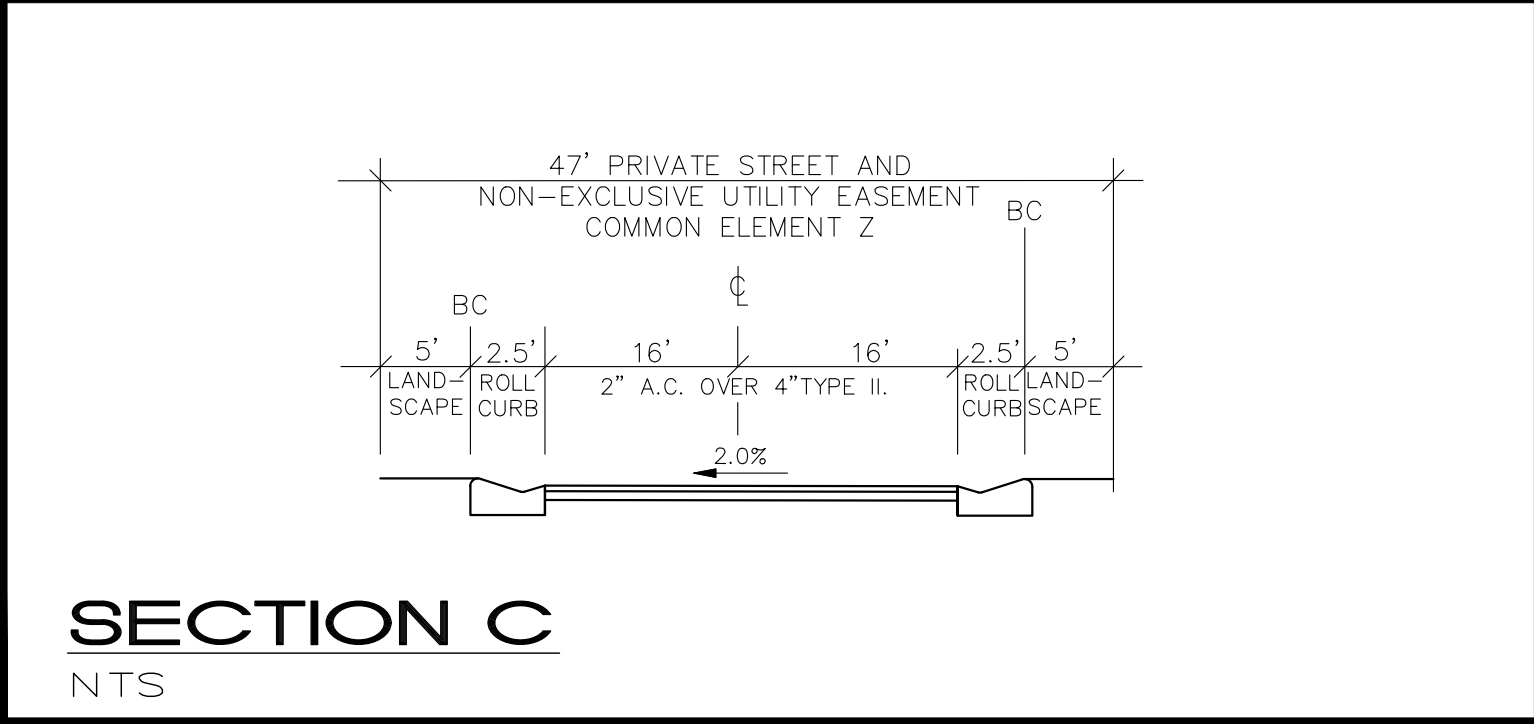
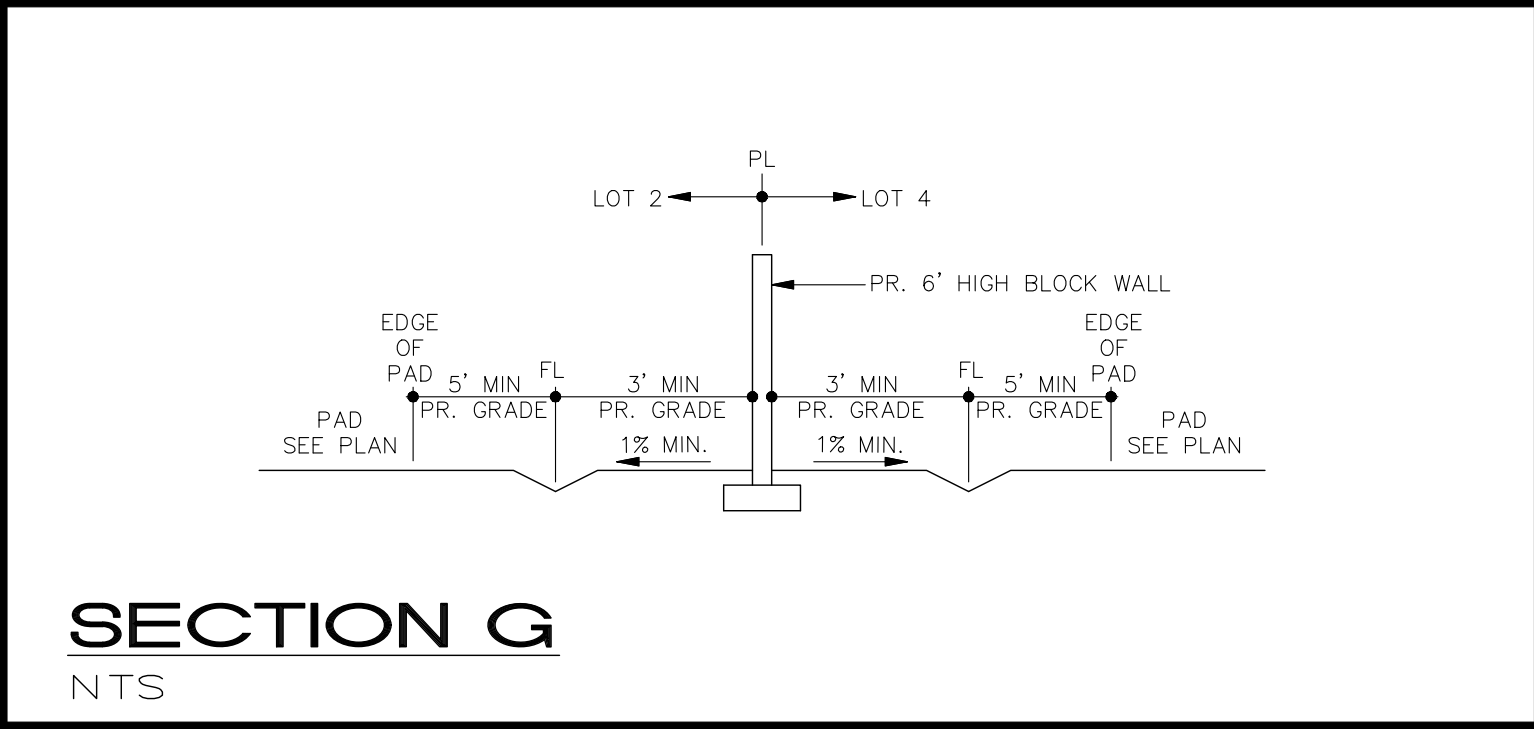
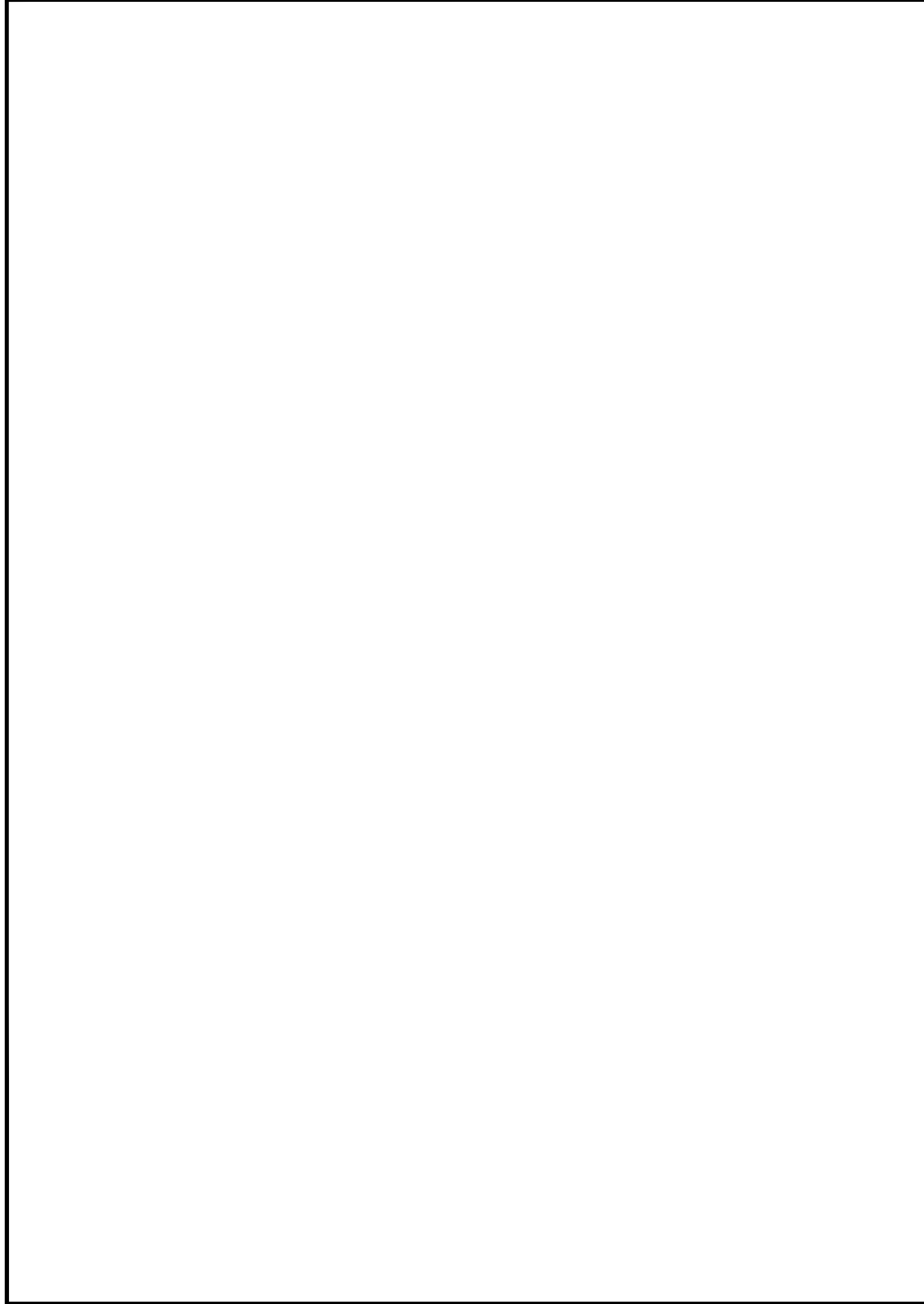
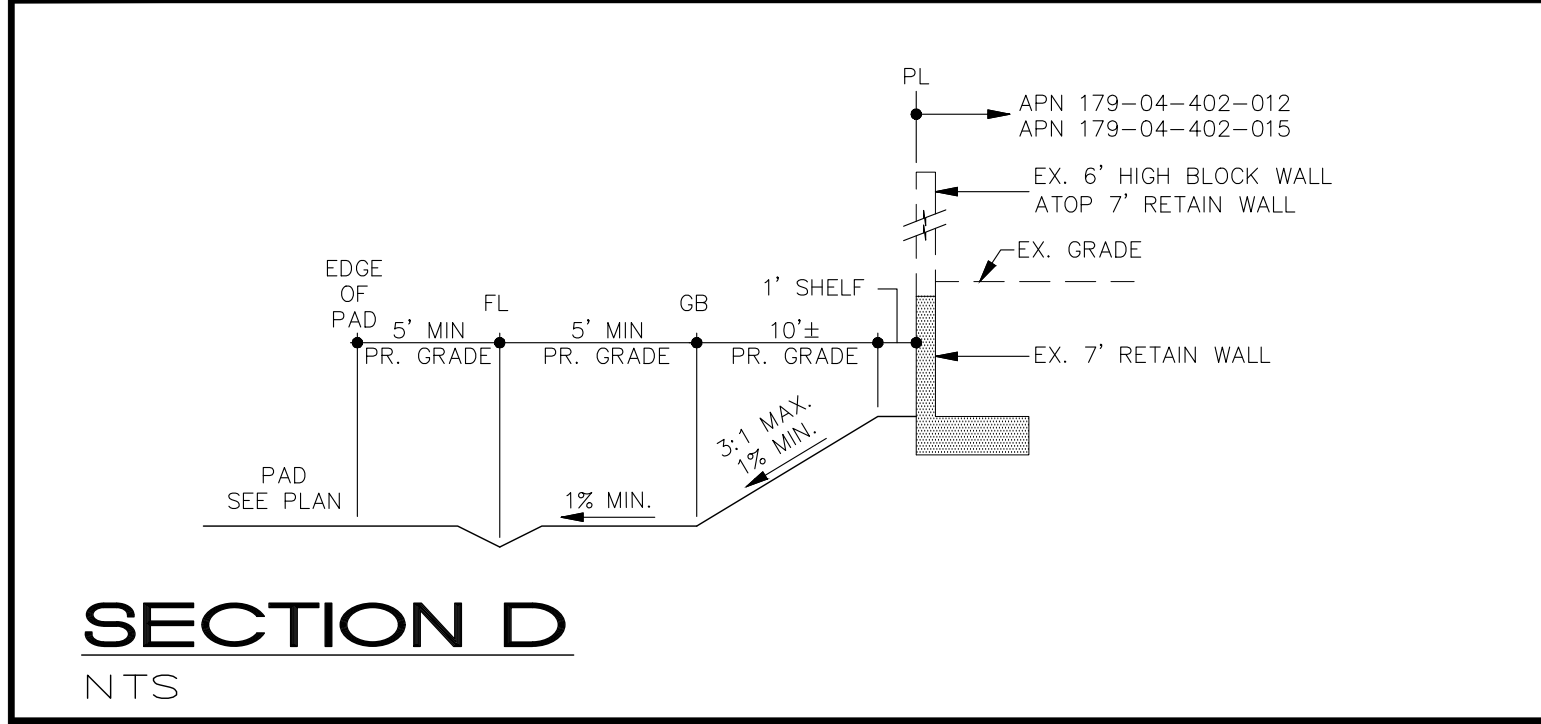
BASIS OF BEARING
SOUTH 00°15'41" EAST, BEING THE BEARING OF THE CENTERLINE OF PUEBLO BOULEVARD AS SHOWN ON THAT CERTAIN AMENDED MAP RECORDED AT FILE 122, PAGE 37 OF PARCEL MAPS IN THE OFFICE OF THE RECORDER, CLARK COUNTY, NEVADA.

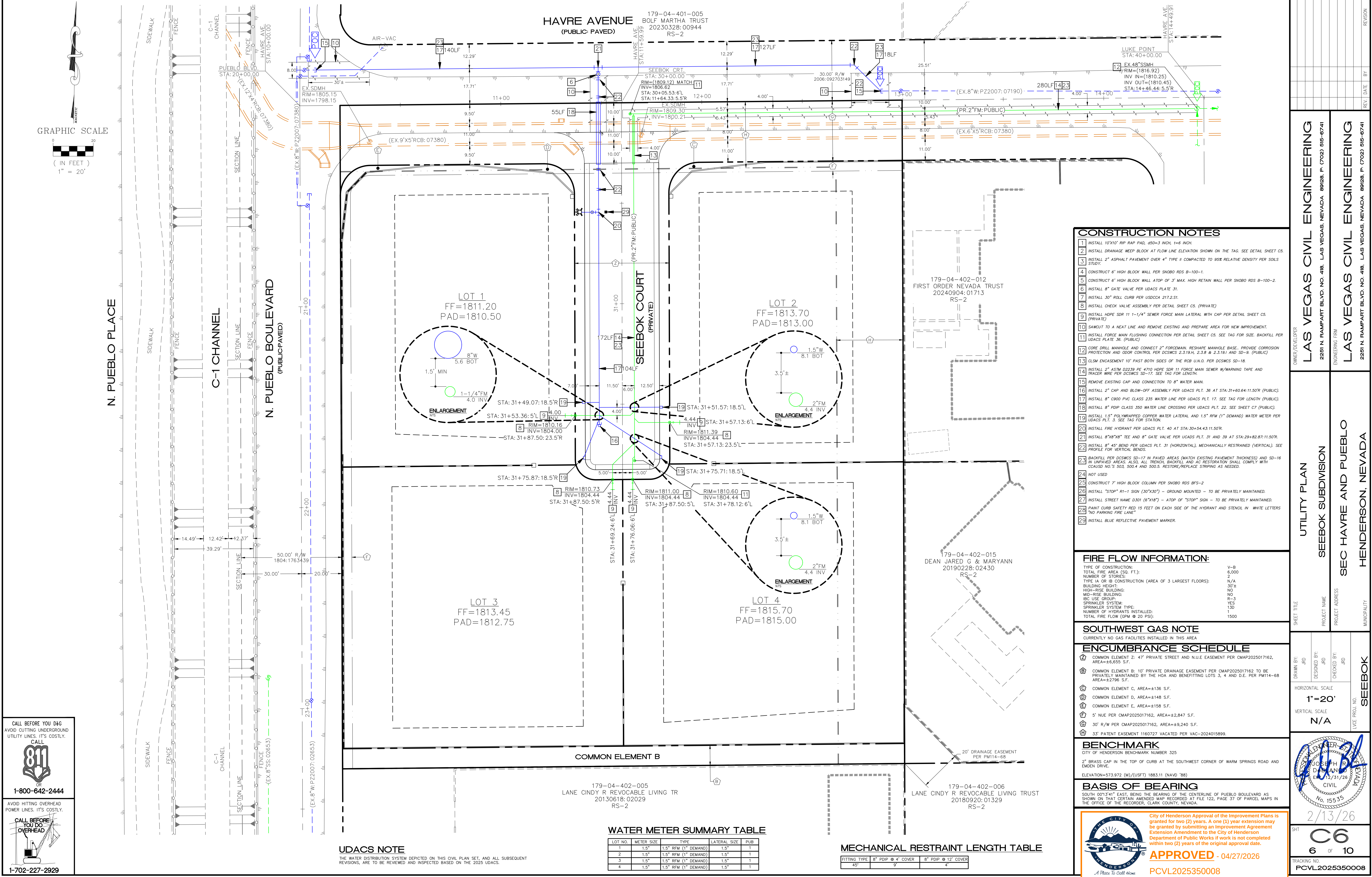
SOILS STUDY
ALL GRADING SHALL CONFORM TO THE SOILS REPORT: 4030.2400182, ENGINEER: UES, DATE: 10/21/24.

FLOODZONE
THIS SITE IS IN THE 100 YEAR FLOOD PLAIN AND HAS BEEN DESIGNATED AS ZONE X ON F.I.R.M. PANEL NO. 302232619F DATED NOVEMBER 11, 2011 BY F.E.M.A.. A ZONE X IS AN AREA DETERMINED OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLANE.

APPROVED - 04/27/2026
PCVL2025350008

OWNER/DEVELOPER		ENGINEERING FIRM	
LAS VEGAS CIVIL ENGINEERING		LAS VEGAS CIVIL ENGINEERING	
2251 N. RAMPAFT BLVD. NO. 418, LAS VEGAS, NEVADA 89128, P. (702) 515-6741		2251 N. RAMPAFT BLVD. NO. 418, LAS VEGAS, NEVADA 89128, P. (702) 515-6741	
GRADING PLAN		SEC HAVRE AND PUEBLO	
SEEBOOK SUBDIVISION		HENDERSON, NEVADA	
SHEET TITLE	PROJECT NAME	PROJECT ADDRESS	MUNICIPALITY
DRAWN BY: JRD	DESIGNED BY: JRD	CHECKED BY: JRD	SEEBOOK
HORIZONTAL SCALE			
VERTICAL SCALE			C3
1"=20'			
N/A			3 OF 10
DATE: 2/13/26			
TRACKING NO.			PCVL2025350008
REV. DATE			
REVISION			09502





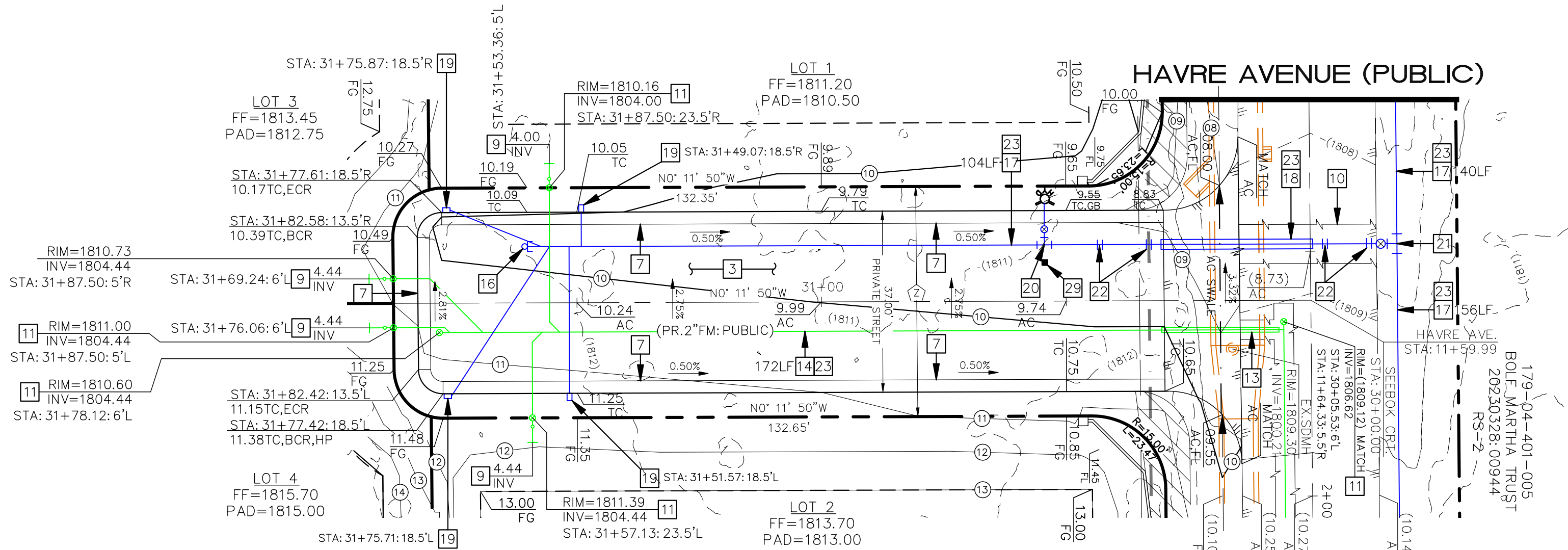
LAS VEGAS CIVIL ENGINEERING
2251 N. RAMPART BLVD. NO. 418, LAS VEGAS, NEVADA 89128, P. (702) 515-6741

UTILITY PLAN
SEEBOK SUBDIVISION

SHEET TITLE
PROJECT NAME
PROJECT ADDRESS
MUNICIPALITY

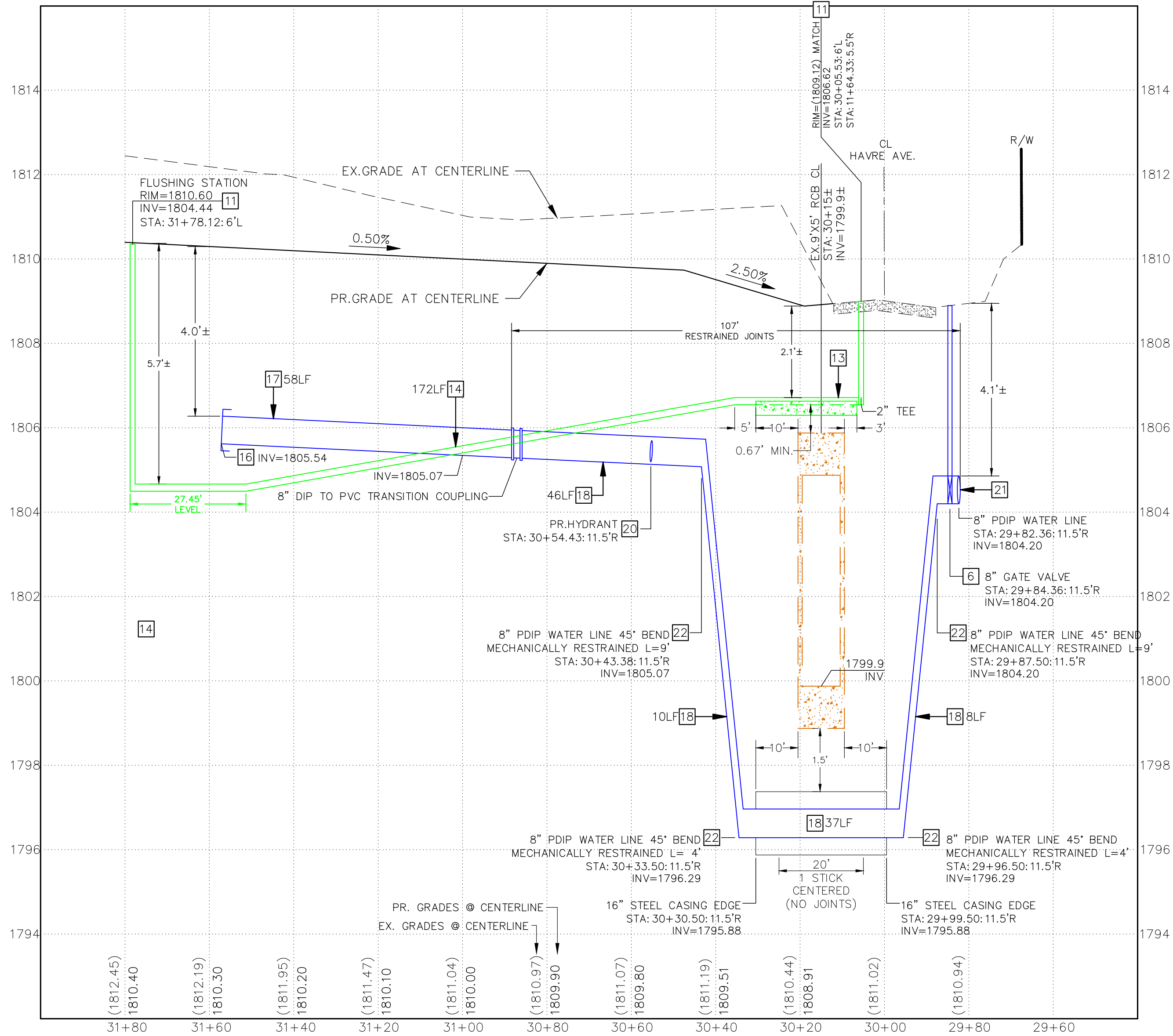
DRAWN BY: JRD
DESIGNED BY: JRD
CHECKED BY: JRD
HORIZONTAL SCALE
VERTICAL SCALE
DATE
SIT
TRACKING NO.
PCVL2025350008

09502



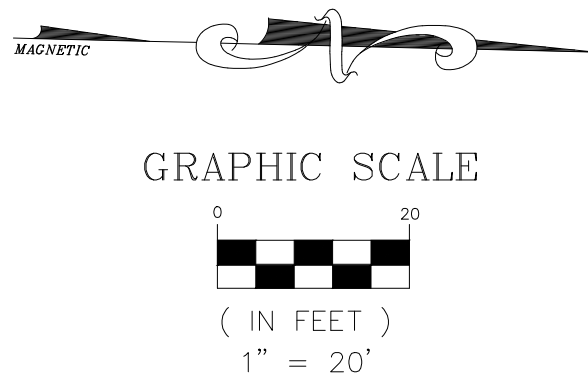
SEEBOK COURT PLAN VIEW (PRIVATE)

SCALE: 1"=20'

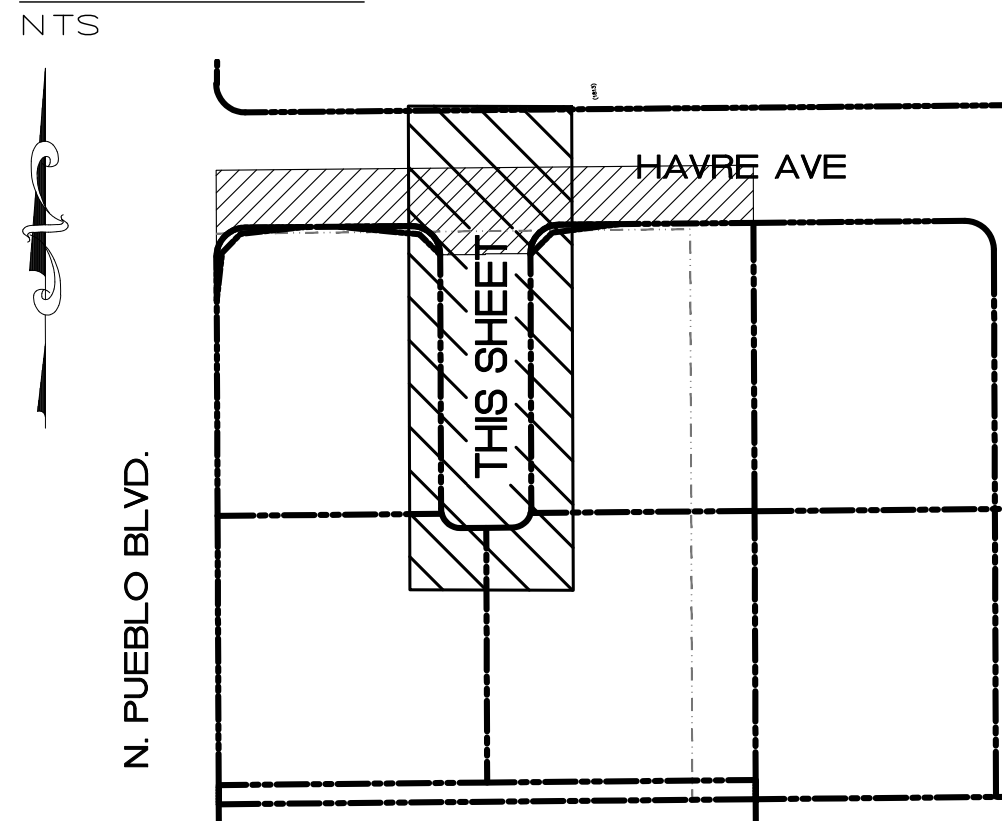


SEEBOK COURT PROFILE (PRIVATE)

SCALE: 1"=20' HORIZONTAL
SCALE: 1"=2' VERTICAL



SHEET MAP

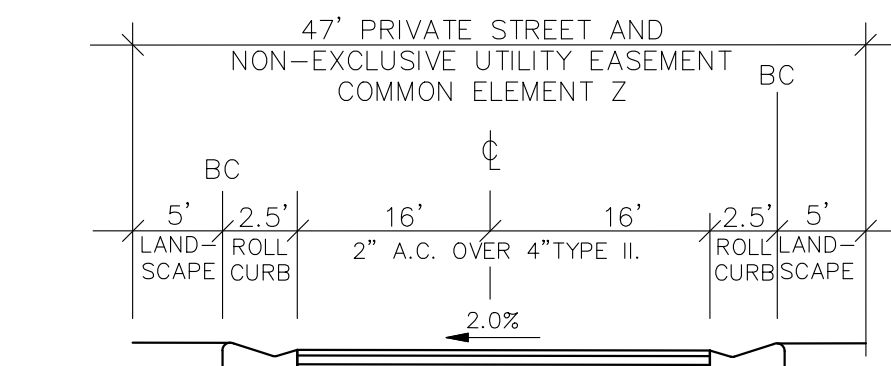


CONSTRUCTION NOTES

1. INSTALL 10'X10' RIP RAP PAD, 450-3 INCH, 1-6 INCH.
2. INSTALL DRAINAGE WEIR BLOCK AT FLOW LINE ELEVATION SHOWN ON THE TAG. SEE DETAIL SHEET C5.
3. INSTALL 2" ASPHALT PAVEMENT OVER 4" TYPE II COMPACTED TO 95% RELATIVE DENSITY PER SOILS STUDY.
4. CONSTRUCT 6" HIGH BLOCK WALL PER SNOBO RDS B-100-1.
5. CONSTRUCT 6" HIGH BLOCK WALL ATOP OF 3" MAX. HIGH RETAIN WALL PER SNOBO RDS B-100-2.
6. INSTALL 8" GATE VALVE PER UDACS PLATE 31.
7. INSTALL 30" ROLL CURB PER USDOCA 217.2.S1.
8. INSTALL CHECK VALVE ASSEMBLY PER DETAIL SHEET C5. (PRIVATE)
9. INSTALL HOPE SDR 11 1-1/4" SEWER FORCE MAIN LATERAL WITH CAP PER DETAIL SHEET C5. (PRIVATE)
10. SAWCUT TO A NEAT LINE AND REMOVE EXISTING AND PREPARE AREA FOR NEW IMPROVEMENT.
11. INSTALL FORCE MAIN FLUSHING CONNECTION PER DETAIL SHEET C5. SEE TAG FOR SIZE. BACKFILL PER UDACS PLATE 36. (PUBLIC)
12. CORE DRILL MANHOLE AND CONNECT 2" FORCEMAIN, RESHARE MANHOLE BASE, PROVIDE CORROSION PROTECTION AND ODOR CONTROL PER DCSWS 2.3.19.H, 2.3.8 & 2.3.19.I AND SD-9. (PUBLIC)
13. CLSM ENCASUREMENT 10' PAST BOTH SIDES OF THE RCB U.N.D. PER DCSWS SD-18.
14. INSTALL 2" ASTM D2239 PE 4710 HOPE SDR 11 FORCE MAIN SEWER W/WARNING TAPE AND TRACER WIRE PER DCSWS SD-17. SEE TAG FOR LENGTH.
15. REMOVE EXISTING CAP AND CONNECTION TO 8" WATER MAIN.
16. INSTALL 2" CAP AND BLOW-OFF ASSEMBLY PER UDACS PLT. 36 AT STA:31+60.64:11.50'R (PUBLIC).
17. INSTALL 8" C900 PVC CLASS 235 WATER LINE PER UDACS PLT. 17. SEE TAG FOR LENGTH (PUBLIC).
18. INSTALL 8" POP CLASS 350 WATER LINE CROSSING PER UDACS PLT. 22. SEE SHEET C7 (PUBLIC).
19. INSTALL 1.5" POLYMER-IMPREGATED COPPER WATER LATERAL AND 1.5" RFM (1" DEMAND) WATER METER PER UDACS PLT. 3. SEE TAG FOR STATION.
20. INSTALL FIRE HYDRANT PER UDACS PLT. 40 AT STA:30+54.43:11.50'R.
21. INSTALL 8"x8"x8" TEE AND 8" GATE VALVE PER UDACS PLT. 31 AND 39 AT STA:29+82.87:11.50'R.
22. INSTALL 8" 45° BEND PER UDACS PLT. 31 (HORIZONTAL), MECHANICALLY RESTRAINED (VERTICAL). SEE PROFILE FOR VERTICAL BENDS.
23. BACKFILL PER DCSWS SD-17 IN PAVED AREAS (MATCH EXISTING PAVEMENT THICKNESS) AND SD-16 IN UNPAVED AREAS. ALSO, ALL TRENCH, BACKFILL AND AC RESTORATION SHALL COMPLY WITH CALSDO NO. 5, 501, 500.1 AND 500.2. RESTORE/REPLACE STRIPING AS NEEDED.
24. NOT USED.
25. CONSTRUCT 7" HIGH BLOCK COLUMN PER SNOBO RDS BFS-2.
26. INSTALL "STOP" R1-1 SIGN (30"x30") - GROUND MOUNTED - TO BE PRIVATELY MAINTAINED.
27. INSTALL STREET NAME D301 (6"x18") - ATOP OF "STOP" SIGN - TO BE PRIVATELY MAINTAINED.
28. PAINT CURB SAFETY RED 15 FEET ON EACH SIDE OF THE HYDRANT AND STENCIL IN WHITE LETTERS AND PARKING FIRE LANE.
29. INSTALL BLUE REFLECTIVE PAVEMENT MARKER.

SOUTHWEST GAS NOTE

CURRENTLY NO GAS FACILITIES INSTALLED IN THIS AREA



SEEBOK COURT

NTS

ENCUMBRANCE SCHEDULE

- COMMON ELEMENT Z: 47' PRIVATE STREET AND N.U.E. EASEMENT PER CMAP2025017162, AREA=±6,655 S.F.
- COMMON ELEMENT B: 10' PRIVATE DRAINAGE EASEMENT PER CMAP2025017162 TO BE PRIVATELY MAINTAINED BY THE HOA AND BENEFITTING LOTS 3, 4 AND D.E. PER PM14-68 AREA=±2796 S.F.
- COMMON ELEMENT C, AREA=±136 S.F.
- COMMON ELEMENT D, AREA=±148 S.F.
- COMMON ELEMENT E, AREA=±158 S.F.
- 5' NUE PER CMAP2025017162, AREA=±2,847 S.F.
- 30' R/W PER CMAP2025017162, AREA=±9,240 S.F.
- 33' PATENT EASEMENT 1160727 VACATED PER VAC-2024015899.

BENCHMARK

CITY OF HENDERSON BENCHMARK NUMBER 325
2" BRASS CAP IN THE TOP OF CURB AT THE SOUTHWEST CORNER OF WARM SPRINGS ROAD AND EMERY DRIVE.
ELEVATION=573.972 (M)/(USFT) 1883.11 (NAVD '88)

BASIS OF BEARING

SOUTH 0°13'41" EAST, BEING THE BEARING OF THE CENTERLINE OF PUEBLO BOULEVARD AS SHOWN ON THAT CERTAIN AMENDED MAP RECORDED AT FILE 122, PAGE 37 OF PARCEL MAPS IN THE OFFICE OF THE RECORDER, CLARK COUNTY, NEVADA



City of Henderson Approval of the Improvement Plans is granted for two (2) years. A one (1) year extension may be granted by submitting an Improvement Agreement Extension Amendment to the City of Henderson Department of Public Works if work is not completed within two (2) years of the original approval date.
APPROVED - 04/27/2026
PCVL2025350008

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Certificate Of Completion

Envelope Id: 6733BC04-91F9-4F57-BE4E-23A2DDEDB32D

Status: Completed

Subject: Please DocuSign: New Development Mylar - SEEBOK SUBDIVISION

Source Envelope:

Document Pages: 10

Signatures: 5

Envelope Originator:

Certificate Pages: 2

Initials: 0

Land Development

AutoNav: Enabled

PO Box 95050

Envelopeld Stamping: Enabled

Henderson, NV 89009-5050

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

LandDevelopment@cityofhenderson.com

IP Address: 205.174.30.170

Record Tracking

Status: Original

Holder: Land Development

Location: DocuSign

4/27/2026 4:58:21 PM

LandDevelopment@cityofhenderson.com

Signer Events

Tom McCleister

Tom.McCleister@cityofhenderson.com

City of Henderson

Security Level: Email, Account Authentication (None)

Signature

DocuSigned by:
Tom McCleister
C1D6085ABB7A4F7...

Signature Adoption: Pre-selected Style
Using IP Address: 205.174.30.170

Timestamp

Sent: 4/27/2026 5:00:36 PM

Viewed: 4/27/2026 5:01:16 PM

Signed: 4/27/2026 5:01:22 PM

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

Mark Sandusky

Mark.Sandusky@cityofhenderson.com

City of Henderson

Security Level: Email, Account Authentication (None)

DocuSigned by:
Mark Sandusky
694326D607DE4F9...

Signature Adoption: Pre-selected Style
Using IP Address: 205.174.30.170

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Electronic Record and Signature Disclosure:

Not Offered via DocuSign

Eric Hawkins

Eric.Hawkins@cityofhenderson.com

City Traffic Engineer

City of Henderson

Security Level: Email, Account Authentication (None)

DocuSigned by:
Eric Hawkins
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Using IP Address: 205.174.30.73

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Signed: 4/29/2026 9:25:05 AM

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

Brian L. Coombs

Brian.coombs@cityofhenderson.com

City of Henderson

Security Level: Email, Account Authentication (None)

DocuSigned by:
Brian L. Coombs
E45DD9BA630D40F...

Signature Adoption: Pre-selected Style
Using IP Address: 205.174.30.170

Sent: 4/27/2026 5:00:36 PM

Viewed: 4/28/2026 7:39:32 AM

Signed: 4/28/2026 7:40:00 AM

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

Signer Events	Signature	Timestamp
Steven Conner Steven.Conner@cityofhenderson.com City Engineer Steven.conner@cityofhenderson.com - Phone (702)249-8854 Security Level: Email, Account Authentication (None) Electronic Record and Signature Disclosure: Not Offered via DocuSign	DocuSigned by:  0BCA60B1BD8D40D... Signature Adoption: Pre-selected Style Using IP Address: 166.167.192.71	Sent: 4/29/2026 9:25:11 AM Viewed: 4/29/2026 10:13:14 AM Signed: 4/29/2026 10:13:36 AM
In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
eplanrecords eplanrecords@cityofhenderson.com Security Level: Email, Account Authentication (None) Electronic Record and Signature Disclosure: Not Offered via DocuSign	COPIED	Sent: 4/29/2026 10:13:44 AM Viewed: 4/29/2026 12:21:49 PM
pweplan pweplan@cityofhenderson.com Security Level: Email, Account Authentication (None) Electronic Record and Signature Disclosure: Not Offered via DocuSign	COPIED	Sent: 4/29/2026 10:13:45 AM
Jamie Fitzgerald Jamie.Fitzgerald@cityofhenderson.com Senior Land Development Plans Examiner City of Henderson Security Level: Email, Account Authentication (None) Electronic Record and Signature Disclosure: Not Offered via DocuSign	COPIED	Sent: 4/29/2026 10:13:46 AM
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	4/27/2026 5:00:37 PM
Certified Delivered	Security Checked	4/29/2026 10:13:14 AM
Signing Complete	Security Checked	4/29/2026 10:13:36 AM
Completed	Security Checked	4/29/2026 10:13:46 AM
Payment Events	Status	Timestamps