

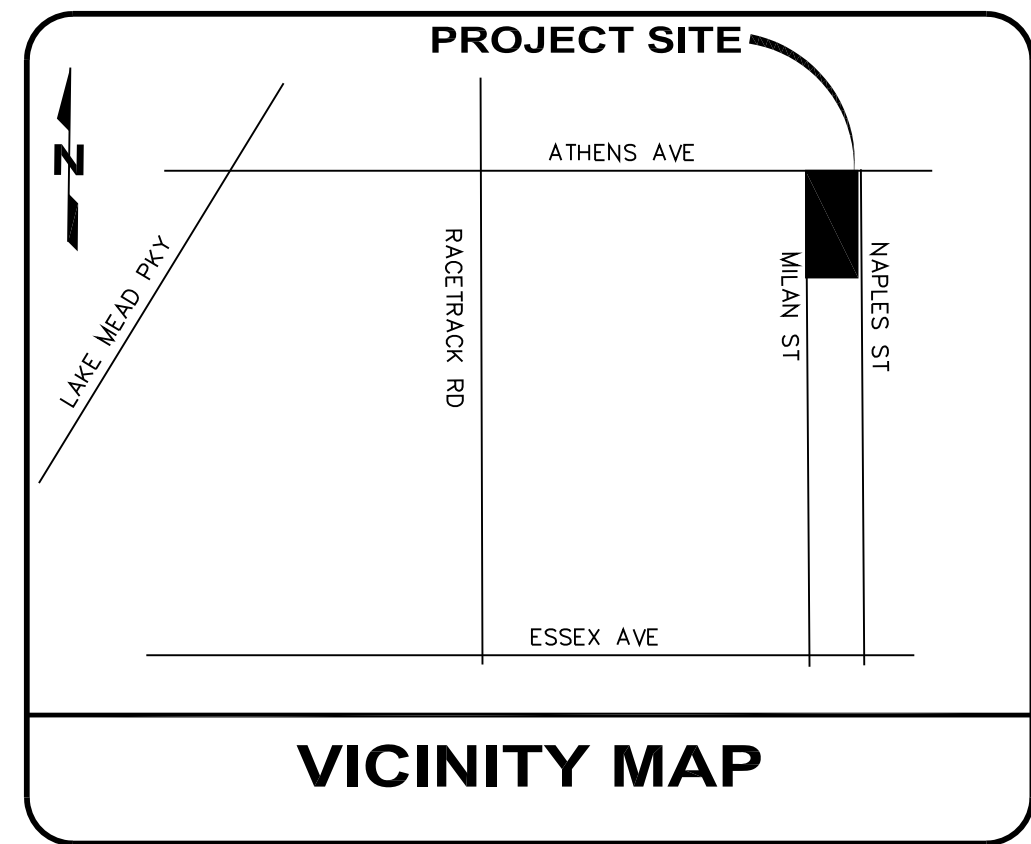
MILAN CUSTOMS

BEING A PORTION OF SECTION 04
TOWNSHIP 22 SOUTH, RANGE 63 EAST,
M.D.M., CLARK COUNTY, NEVADA.
APN # 179-04-503-001



LOCATION MAP

NO SCALE



VICINITY MAP

ENGINEER

DLC CONSULTING
2885 E. QUAIL AVE
LAS VEGAS, NV 89120
(702) 702-521-7021
CONTACT: LONDON CHRISTOPHERSON

OWNER/DEVELOPER

MILAN CUSTOMS LLC
PO BOX 530778
HENDERSON, NV 89053
CONTACT: DAVID REYNOLDS
PHONE: 702-499-3283

LEGAL DESCRIPTION

GOVERNMENT LOT 12 LOCATION IN NORTH HALF (N 1/2) OF
THE NORTHEAST QUARTER (NE 1/4) OF SECTION 04,
TOWNSHIP 21 SOUTH, RANGE 63 EAST, M.D.M.

A.P.N. 179-04-503-001

PROJECT INFORMATION

RESIDENTIAL
NUMBER OF LOTS = 6
ACREAGE = 4.89 AC.

BENCHMARK

BENCHMARK NUMBER C.O.H. 220
1 1/2" BRASS CAP IN THE TOP OF CURB AT THE SOUTHEAST CORNER
OF OLSEN STREET AND KEOKUCK STREET.
ELEVATION 508.195 METERS
1667.30 FEET

BASIS OF BEARING

N87°44'48"E
BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION
33, TOWNSHIP 21 SOUTH, RANGE 63 EAST, M.D.M., AS SHOWN IN
THE BOOK 144 PAGE 71 OF PLATS.

FLOOD ZONE

THIS SITE IS NOT LOCATED IN A 100 YEAR FLOOD PLAIN
PER F.I.R.M. MAP No 32003C2605E REVISED SEPTEMBER 27, 2002

SHEET INDEX

1. COVER SHEET
2. NOTES & QUANTITIES
3. HORIZONTAL CONTROL PLAN
4. GRADING PLAN
5. UTILITY PLAN
6. ATHENS PLAN & PROFILE
7. MILAN PLAN & PROFILE
8. NAPLES PLAN & PROFILE
9. BERLIN PLAN & PROFILE
10. TRAFFIC PLAN

APPROVALS

City 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.

CITY ENGINEER, CITY OF HENDERSON APPROVAL DATE

UTILITY SERVICES
CITY OF HENDERSON DATE

BUILDING OFFICIAL
CITY OF HENDERSON DATE

FIRE DEPARTMENT
CITY OF HENDERSON DATE

CITY TRAFFIC ENGINEER
CITY OF HENDERSON DATE

NV ENERGY DATE

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED
YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS
ASSOCIATED WITH THIS PROJECT. NEVADA POWER COMPANY 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.

20N-306-01 - Jolania Wright 4-20-20
SOUTHWEST GAS CORPORATION DATE

COX COMMUNICATIONS DATE

CENTURYLINK DATE

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

NOTE:

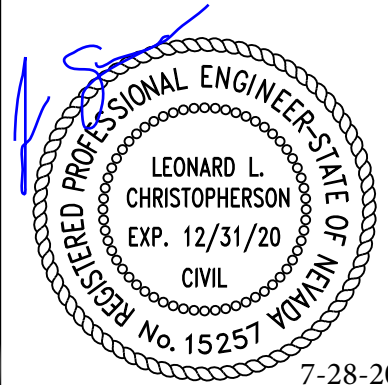
"APPROVAL OF THESE PLANS BY THE CITY OF HENDERSON IS LIMITED TO THOSE
IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHTS-OF-WAY AND/OR
DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE
CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED
STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIFICALLY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

NOTE:

"The engineer should 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 should be
directed to the NDEP (775) 687-9429"

#	DATE / DESCRIPTION

ENGINEER'S SEAL:



MILAN CUSTOMS LLC

MILAN CUSTOMS
MILAN STREET & ATHENS AVENUE
HENDERSON, NV
APN: 179-04-503-001

COVER SHEET

DATE:
JUNE 28, 2020

SCALE:
NA

SHEET NUMBER:
1 OF 10

PCVL2019064376

CITY OF HENDERSON GENERAL NOTES

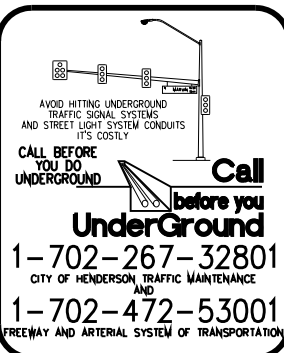
1. All construction shall conform to the Uniform Standard Specifications for Public Works Construction, Offsite Improvements, Clark County Area, Nevada (Current Edition), and the Uniform Standard Drawings for Public Works Construction, Offsite Improvements, Clark County Area, Nevada (Current Edition).
2. Requests for inspection by the City of Henderson Department of Public Works shall be made by the contractor at least 24 hours before the inspection services will be required. 702-267-3144.
3. Work in public right-of-way, once begun, shall be completed without delay so as to provide minimum inconvenience to adjacent property owners and citizens.
4. The contractor shall take all necessary and proper precautions to protect adjacent properties from any and all damage that may occur from storm water runoff and/or deposition of debris resulting from any and all work in connection with construction activity.
5. Prior to final acceptance, bond release and Certificate of Occupancy, a certified legible as-built drawing must be submitted to the City of Henderson. As-built must show all changes and actual field locations. In the absence of changes, a copy of the approved drawings will be required stating "Installed as per drawings" and certified as such by the stamping engineer.
6. Approval of these plans is for the construction of offsite improvements and on-site infrastructure only. All other onsite improvements, including block walls or other structures, must be approved by the Building and Fire Safety Division of the City of Henderson Community Development and Services Department.
7. Contractor shall provide all necessary horizontal and vertical transition between new construction and existing surfaces to provide for proper drainage and of ingress and egress to said construction. The extent of transitions is to be determined by the City Engineer or their designee.
8. Existing utilities are shown on the plans for the convenience of the contractor only. The contractor shall bear full responsibility for the protection of utilities and the engineer bears no responsibility for utilities not shown on the plans or not in the location shown on the plans. This includes all service laterals of any kind. Contractor shall notify Call Before You Dig (1-800-227-2600), Call Before You Do Overhead (1-702-227-2929) and Call Before You Underground (1-702-432-5300) prior to the start of any construction activity.
9. Power poles and/or other existing facilities not in proper location based on proposed improvements shown hereon will be relocated at no expense to the City of Henderson.
10. Wheelchair ramps shall be constructed in each quadrant of an intersection per Uniform Standard Drawings for Public Works Construction, Offsite Improvements, Clark County Area, Nevada (Current Edition). Exact location of ramps shall be as shown on plan or may be determined in the field by a City of Henderson Public Works Inspector.
11. 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 water tested as soon as possible after construction.
12. All grading and earthwork shall be performed in accordance with the soils report noted below. Soils report must be less than one (1) year old at time of approval or an update is required.
- ENGINEER: DUPONT ENGINEERING.
DATE: June 30, 2019
JOB NUMBER: 19-0437
13. 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, City of Henderson.
14. 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.
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 stallingion is referenced to centerline.
17. Exact location of all sawcut lines shall be determined in the field by a City of Henderson Public Works Inspector.
18. Protection and replacement of survey monuments or property stakes not delineated on the approved drawings shall be the contractor's responsibility. Replacement of survey monuments or property stakes shall be done to the City of Henderson Survey/Right-of-Way Division's satisfaction at no cost to the City of Henderson.
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.
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. All offsite and onsite water and sewer facilities up to within 5 feet of buildings shall be constructed to Public Works standards and shall comply with the City of Henderson Water and Sewer Notes.
23. If sewer or water lines within public utility easements require repairs, all such repairs will be done in accordance with the City of Henderson Utility Services Department Standards. 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 commencing construction in the sign's location. City owned and City sponsored signs (Kiosks) shall be removed and replaced following construction in their original location in like-new condition. Any contractor having a sign on the site, 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 previously verified by a City of Henderson Public Works Inspector shall be assumed to be in like-new condition prior to removal.
25. The engineer should 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 should be directed to the NDEP (775) 687-9429.
26. 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.

UTILITY NOTE

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

CALL BEFORE YOU DIG: 1-800-227-2600

THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE) PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF THE CITY OF HENDERSON FACILITIES.



CITY OF HENDERSON WATER NOTES

1. No work shall begin until the plans have been released for construction by the City. Following plan approval, a minimum 48-hour notice shall be given to the City's Quality Control Division prior to the start of construction. Notices shall 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 meter 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.
7. 1/4 gauge solid 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.
8. 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.
9. All water meters 2 inches and smaller will be supplied and installed by the City of Henderson. All water meters 3 inches and larger shall be supplied and installed by the contractor.
10. All flanged ductile iron fittings shall be coated with EC-244 and wrapped with 120 mil thick polyethylene.
11. All valve boxes shall have concrete collars at the surface of the paved areas, per Clark County Area Uniform Standard Drawing number 517.
12. Water meter boxes that are installed within landscaped areas shall be installed with reinforced concrete collars per Clark County Area Uniform Standard Drawing number 329.
13. No other utility lines may be placed in the same trench with water lines.
14. Blue reflectors are required and must be installed at the centerline of the nearest driving lane to all fire hydrants, and must be perpendicular to the hydrant.
15. All water mains installed on any project shall be a minimum pressure class 235. The minimum test pressure for all water mains is 200 psi.
16. Any conflict with existing utilities shall be immediately called to the attention of the engineer.
17. 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 wrapped in a minimum 6 mils thickness polyethylene pipeline sleeve or must be of plastic coated copper for corrosion protection. All piping 2 inches in 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.
18. Landscaping and irrigation, adjacent to water vaults, shall be installed in such a manner whereby irrigation water drains away from the vault. All vaults located behind curb or sidewalk must be built with the vault opening designed to provide unobstructed access from the curb/street side of the vault.
19. Contractor shall provide appurtenances to perform pressure test and disinfection as required by the Uniform Design and Construction Standards For Potable Water Systems.
20. 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 the City has determined that service 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 shut-downs. If so, the cost for such temporary service feeds shall be 100% borne by the contractor. Any temporary service feed must receive specific approval from the City.
21. All valve boxes, lids, manholes and appurtenances shall be brought to within 1/8" to 1/4" below final street grade.

CITY OF HENDERSON 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 M.U.T.C.D. 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 CONSTRUCTION ZONE AS SHOWN ON APPROVED PERMIT. THE CONTRACTOR WILL INSTALL TEMPORARY GROUND MOUNTED STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS IMMEDIATELY AFTER THE BARRICADING PERMIT IS ACCOMPLISHED, AND WILL MAINTAIN SAID 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 PERMIT HOLDER RESPONSIBLE FOR THE WORK SHALL SUBMIT A NOTIFICATION OF ROADWORK NEAR TRAFFIC SIGNALS FORM THREE (3) BUSINESS DAYS PRIOR TO THE WORK BEING SET UP. THE PERMIT HOLDER SHALL AGAIN SUBMIT A NOTIFICATION OF ROADWORK NEAR TRAFFIC SIGNALS FORM WITHIN 24 HOURS OF THE LANE(S) BEING OPENED TO PUBLIC TRAVEL. <http://www.rcdmv.com/signs.htm>
4. LOCATION AND DESCRIPTION OF ALL NEW AND EXISTING TRAFFIC CONTROL DEVICES, INCLUDING SIGNS, PAVEMENT MARKINGS, MEDIAN ISLANDS, STREET LIGHTS, 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 XI RETROREFLECTIVE SHEETING. ALL NEW TRAFFIC SIGNS, EXCEPT NAME SIGNS, WILL HAVE ANTI-GRAFFITI PROTECTIVE FILM. THE PROTECTIVE FILM AND THE RETROREFLECTIVE SHEETING MUST BE FROM THE SAME MANUFACTURER. POLYUREA WILL BE USED FOR BIKE LANE LINES, EDGE LINES, AND ALL TRANSVERSE MARKINGS INCLUDING BUT NOT LIMITED TO CROSSWALKS, STOP BARS, AND WORD/SYMBOL MARKINGS. POLYUREA MUST HAVE A MINIMUM THICKNESS OF 90 MILS.
5. LOCATION AND DESCRIPTION OF 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 NAME SIGNS WILL BE FABRICATED WITH ASTM TYPE XI RETROREFLECTIVE SHEETING. ALL INTERSECTIONS WITH 80 FOOT OR GREATER RIGHT-OF-WAY 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) 267-3200 TO RECEIVE LOGO TO BE APPLIED BY THE CONTRACTOR TO THE STREET NAME PANELS PER CITY OF HENDERSON STANDARD DETAIL. PRIVATE STREETS SHALL HAVE BROWN BACKGROUND.
6. 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.
7. ALL CONSTRUCTION SIGNING, BARRICADING, AND PAVEMENT MARKINGS WILL CONFORM TO CURRENT MUTCD, RTC CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS & SPECIFICATIONS AND FHWA REQUIREMENTS.
8. WHERE STREETS END AT THE PROJECT BOUNDARY, A PAVED TEMPORARY TURN-AROUND MUST BE CONSTRUCTED AND THREE (3) 18-INCH DIAMOND (MINIMUM), REFLECTORIZED, RED PANELS SHALL BE INSTALLED AT THE END OF THE ROADWAY AND MAINTAINED UNTIL ADJOINING PROJECT IS BUILT.
9. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, 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 TRAFFIC ENGINEER.
10. THE FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION (F.A.S.T.) MAY HAVE UNDERGROUND FACILITIES IN THE AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL FAST INFRASTRUCTURE ON ROADWAYS WITH RIGHTS-OF-WAY 80' AND GREATER. CONTACT F.A.S.T. AT (702) 432-5300, 72 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES IN THE AREA OF THEIR FACILITIES. FAST INTERCONNECT POLICY IS IN EFFECT. INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. DAMAGES WILL BE ASSESSED AFTER 24 HOURS HAS ELAPSED FROM TIME OF BREAK OR DAMAGE PER FAST AND RTC REQUIREMENTS.
11. EXCAVATIONS WITHIN THE PUBLIC RIGHT-OF-WAY, DEEPER THAN 6 INCHES AND HAVING LESS THAN A 4:1 SLOPE MAY REQUIRE BARRIER RAIL OR OTHER ROAD SIDE PROTECTION.
12. CONTRACTOR MUST MAINTAIN SAFE ACCESS TO EXISTING RTC BUS STOPS, SCHOOL BUS STOPS AND SCHOOL WALKING ROUTES ADJACENT TO AND/OR WITHIN CONSTRUCTION ZONE.

SOUTHWEST GAS CORPORATION NOTES

1. IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-6020
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. ANY DEVIATIONS FROM THE SPECIFIED MINIMUM CLEARANCES MUST BE APPROVED BY ALL AFFECTED UTILITIES AND/OR MUNICIPALITIES.
3. FOR VALVE ADJUSTMENT CONTACT 702-528-7881 14 DAYS PRIOR TO CONSTRUCTION.
4. IN THE EVENT OF A NATURAL GAS CONFLICT WITH THE PROPOSED UTILITIES AND STRUCTURES CONTACT 702-365-2099

SOUTHWEST GAS CORPORATION STANDBY CONTACT NUMBER IS 702-400-1789

20N-306-01 - Jolania Wright 4-20-20
SOUTHWEST GAS CORPORATION DATE

CITY OF HENDERSON FIRE DEPARTMENT NOTES

- 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 (UDACS) 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 AS SOON AS COMBUSTIBLE MATERIAL ARRIVES ON SITE. ADDITIONAL FIRE FLOW SHALL BE PROVIDED UPON COMMENCEMENT OF VERTICAL CONSTRUCTION IN ACCORDANCE WITH IFC SECTION 3312 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 VALVES(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 NFPA 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 DEPARTMENTS - 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 SAFETY AND RED FOR PRIVATE
9. ALL PUBLIC FIRE HYDRANTS SHALL HAVE A SIX DIGIT NUMBER AS DESIGNATED BY CITY OF HENDERSON UTILITY SERVICES DEPARTMENT (702-267-2536) PAINTED ON THE BARREL BY THE HYDRANT INSTALLER. THE NUMBER SHALL BE IN 1" HIGH BLOCK NUMBERS USING BLACK ENAMEL PAINT.
10. PAINTING OF CURBS AND/OR ASPHALT AREAS ADJACENT TO HYDRANTS SHALL BE COMPLETED BY THE INSTALLER PRIOR TO FIRE INSPECTION. A COAT OF EXTERIOR INDUSTRIAL GRADE SAFETY RED ENAMEL SHALL BE APPLIED FOR A MINIMUM OF 30 FEET, 15 FEET ON EACH 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 LEADINS 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 LEADINGS 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. LEAD IN VALVES SHALL BE SET TO THE TOP OF THE POST WITH THE TOP OF THE POST WITH THE FIRE GRADE.
19. ALL VALVES THAT CONTROL THE WATER SUPPLY TO PRIVATE FIRE SERVICE MAINS AND/OR FIRE SPRINKLER SYSTEMS SHALL BE LISTED, 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 DESIGNED TO CONTROL ONLY FIRE SPRINKLERS, IN LIEU OF INSTALLING A PIV, SHALL BE ELECTRICALLY MONITORED.
20. ALL PIPING AND VALVES SUPPLYING FIRE SPRINKLER SYSTEMS SHALL BE PROTECTED FROM FREEZING WHEN EXPOSED TO TEMPERATURES LESS THAN 40 DEGREE.
21. ALL BACKFLOW OR CROSS CONNECTIONS REQUIREMENTS OF THE CITY OF HENDERSON UTILITY SERVICES DEPARTMENT SHALL BE INSTALLED UPSTREAM OF THE FIRE SPRINKLER OR STANDPIPE SYSTEM PIV.
22. ALL REQUIRED TESTING AND FLUSHING OF THE UNDERGROUND FIRE SPRINKLER/STANDPIPE WATER SUPPLY PIPING 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 INSPECTORS INITIALS, WITNESSING EACH TEST. A COPY OF THE UNDERGROUND FLUSH AND HYDROSTATIC TESTING DOCUMENTATION SHALL BE ON-SITE 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.

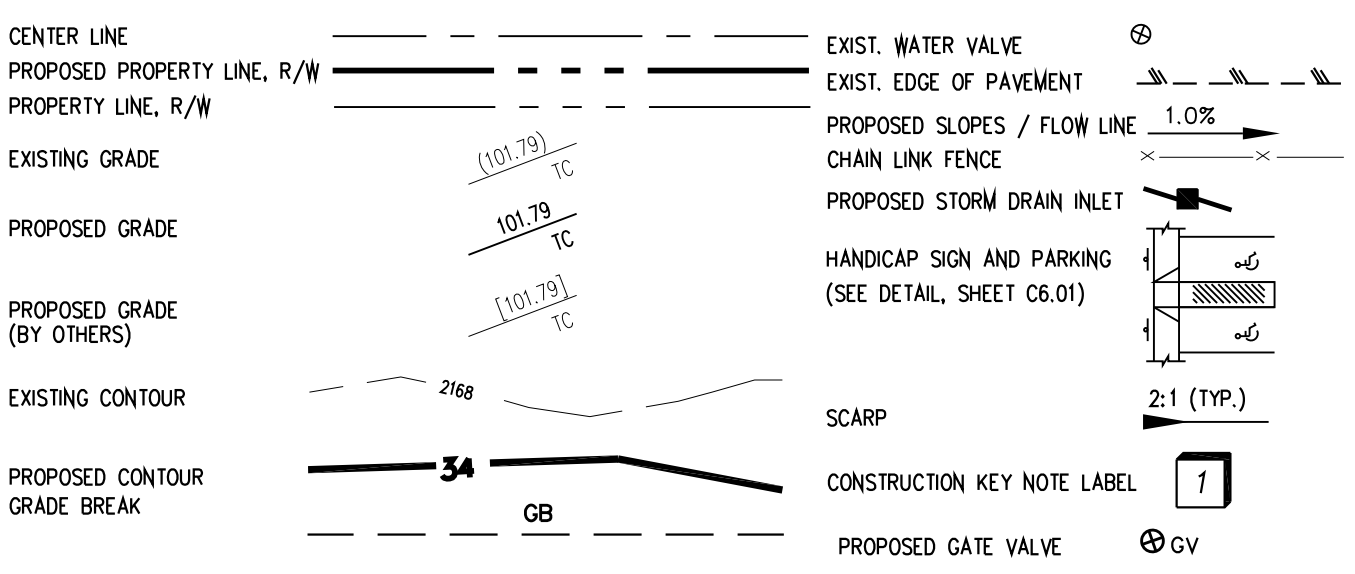
SPEED BUMPS/ SPEED HUMPS:

24. SPEED BUMPS AND/OR SPEED HUMPS SHALL NOT BE PERMITTED WITHIN THE REQUIRED WIDTH OF FIRE APPARATUS ACCESS ROADS.
- EXCEPTION: SPEED HUMPS ARE ALLOWED ON PRIVATE FIRE APPARATUS ACCESS ROADS SERVING COMMERCIAL AND INDUSTRIAL BUILDINGS WHEN APPROVED BY THE FIRE CODE OFFICIAL.

CITY OF HENDERSON SEWER NOTES

1. All construction and materials shall be in accordance with the latest edition of the Design & Construction Standards for Wastewater Collection Systems (DCSWCS), including the City of Henderson Addendum, and the Uniform Standard Specifications for Public Works Construction On-Site Improvements, Clark County Area, Nevada, as amended. In all cases, the DCSWCS 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 DCSWCS.
6. All infiltration, infiltration, air testing and televising of lines shall be in accordance with the DCSWCS.
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-27 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 20 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 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" developable areas will be constructed using C-900 pipe material.

LEGEND



BEING ALL OF GOVERNMENT LOT 12 EXEPT FOR THE AREA DEDICATED PER OFFICAIL RECORDS, INSTRUMENT NUMBER 2000101700947, LYING IN THE NORTHEAST QUARTER (NW1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 4, TOWNSHIP 22 SOUTH, RANGE 63 EAST, M.D.M., CITY OF HENDERSON, CLARK COUNTY, NEVADA.

LEGEND

- FOUND TYPE II MONUMENT ,
2" BRASS CAP
STAMPED "PLS 7008", 207,
PAGE 57 OF SURVEYS,
PREVIOUSLY FOUND ALUMINUM
CAP "ILLEGIBLE" AS SHOWN IN
FILE 192 PAGE 16 O.R.

FOUND 2" BRASS CAP
IN A MONUMENT WELL,
STAMPED "2016, PLS 7008", SET
PER FILE 207, PAGE 57 OF
SURVEYS, PREVIOUSLY FOUND
ALUMINUM CAP "ILLEGIBLE" AS
SHOWN IN FILE 192 PAGE 16
O.R.

(M)N 89°28'00" E 1319.06'
(R1)N 89°27'40" E 1319.08'

R1 UNRECORDED PLAT OF SECTION 4, T22S, R63E, M.D.M.,
PREPARED BY WAYNE R. SILLITOE PLS 2048

R2 SURVEY FILE 192 PAGE 16 RECORDED MAY 29 2014

R3 PLAT BOOK 144 PAGE 71 RECORDED NOVEMBER 13, 2011

BASIS OF BEARING

NORTH 00°13'30" EAST,
BEING THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4)
OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 4, TOWNSHIP
22 SOUTH, RANGE 63 EAST, M.D.M., CITY OF HENDERSON, CLARK
COUNTY, NEVADA, AS SHOWN IN FILE 192, PAGE 16 OF SURVEYS,
OFFICIAL RECORDS OF CLARK COUNTY NEVADA.

BENCHMARK

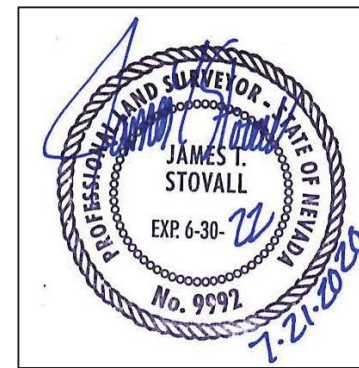
CITY OF HENERSON BENCHMARK 220
1 1/2" BRASS CAP IN THE TIP OF CURB AT THE SOUTHEAST
CORNER OF OLSEN STREET AND KEOKUCK STREET

ELEVATION 508.195 METERS
1667.30

CALCULATED CORNER POINT BY
SINGLE PROPORTIONATE
MEASUREMENT, USING (R1)

James
Todd
Stovall PLS

Digitally signed by
James Todd Stovall
PLS
Date: 2020.07.21
19:25:20 -07'00'



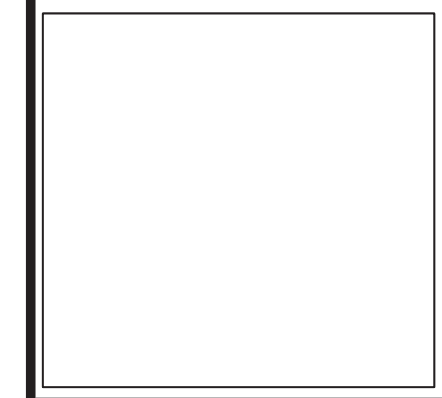
FOUND 2.5" ALUMINUM CAP
PLS 9103

N 1/16
4 | 3
T22S R63F

18. Protection and replacement of survey monuments or property stakes not delineated on the approved drawings shall be the contractor's responsibility. Replacement of survey monuments or property stakes shall be done to the City of Henderson Survey/Right-of-Way Division's satisfaction at no cost to the City of Henderson.

[illegible]

ENGINEER'S SEAL



ENGINEER:

DLC

CONSULTING

DEVELOPMENT | LAND ANALYSIS | CONSTRUCTION

2885 EAST QUAIL AVENUE
LAS VEGAS, NEVADA 89120
PHONE: 702-521-7021

MILAN CUSTOMS LLC

MILAN CUSTOMS
MILAN STREET & ATHENS AVENUE
HENDERSON, NV
APN: 179-04-503-001

FOCUS

DATE: JULY 21, 2020

SCALE:
 $1' = 60'$

SHEET NUMBER:
3 OF 10

HORIZONTAL CONTROL PLAN

SHEET TITLE:

Call before you Dig. 1-800-227-2600

Call before you Overhead. 1-702-227-2929

Underground. 1-702-267-3280

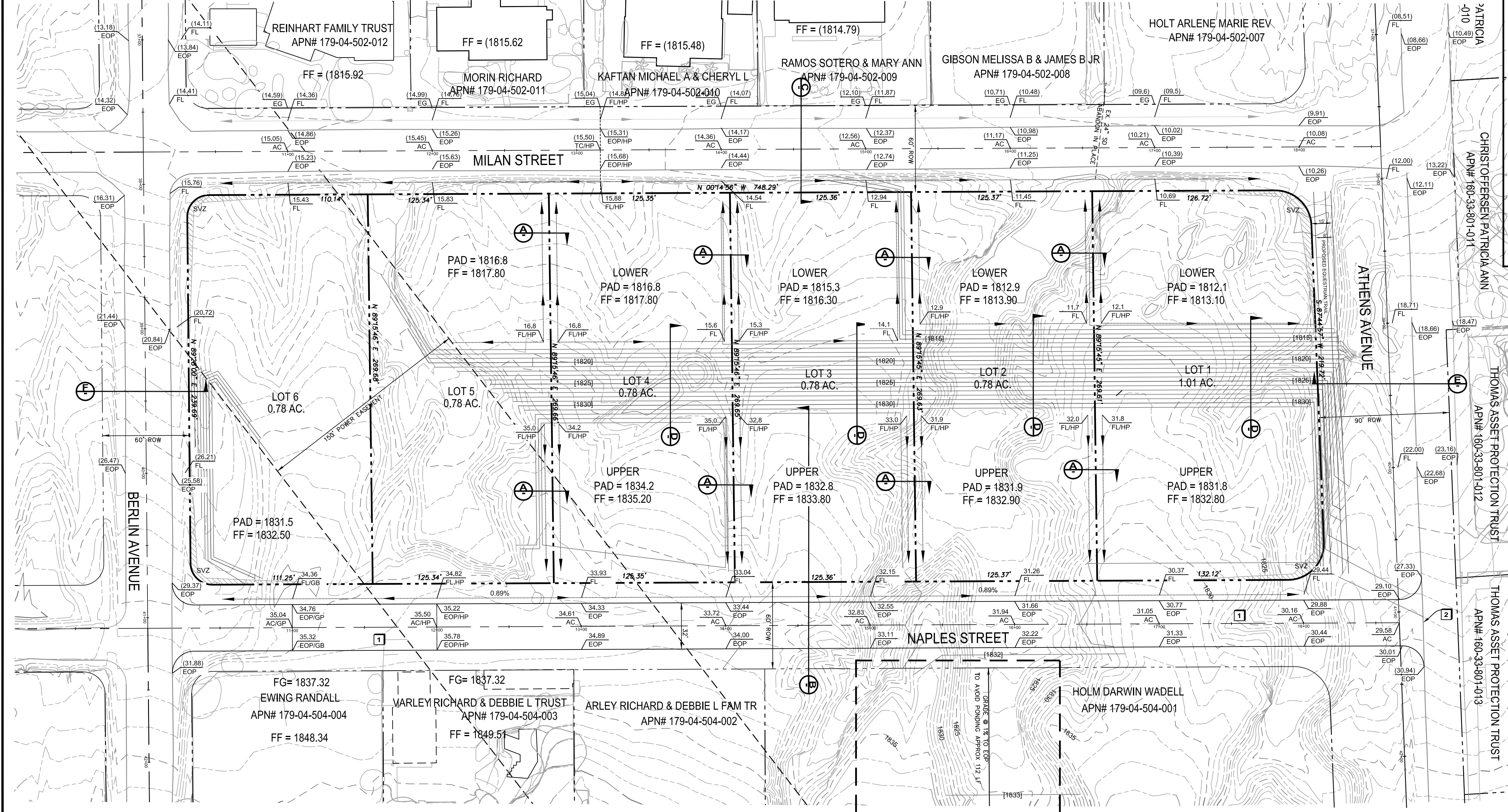
Call before you Overhead. 1-702-472-5300

NOTE:
ALL STRUCTURES SHOWN OR INDICATED ON THIS SUBMITTAL WITHIN THE PROPERTY REQUIRE A BUILDING PERMIT APPLICATION AND SUBMITTAL. THIS INCLUDES BUILDINGS, ABOVE GROUND TANKS, SIGNS, RETAINING WALLS, FENCES, TRASH ENCLOSURES, SHADE STRUCTURES, STAIRWAYS, RAMPS, LIGHT POLES, LIGHT BOLLARDS, ETC. THIS DOES NOT INCLUDE ANY FLOOD CONTROL STRUCTURE SUCH AS PIPES, CULVERTS, ARCH CULVERTS, HEADWALLS, ETC. THIS DOES NOT INCLUDE ANY WORK WITHIN A PUBLIC STREET RIGHT-OF-WAY. THIS DOES NOT INCLUDE PRIVATE STREETS. THE REVIEW OF CIVIL IMPROVEMENT AND/OR GRADING PLANS DO NOT INCLUDE ANY REVIEW OF ANY STRUCTURE THAT REQUIRES A BUILDING PERMIT APPLICATION.

NOTE:
ALL BUILDING LANDINGS SHALL BE NO MORE THEN 1/2 INCH BELOW TOP OF THRESHOLD AND SHALL SLOPE NOT MORE THAN 2% IN ANY DIRECTION

NOTE:
ALL WORK PERFORMED UNDER THIS GRADING PERMIT REQUIRES SPECIAL INSPECTION PER SECTION 1704 (APPENDIX SECTION J105.2)

NOTE:
OWNER IS RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS SHOWN AND TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED OR OBSCURED DURING CONSTRUCTION



LEGEND

- EXISTING / ADJACENT RIGHT-OF-WAY LINE
- EXISTING EDGE OF PAVEMENT
- 5' EXISTING GROUND CONTOUR
- 1' EXISTING GROUND CONTOUR
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- PROPERTY LINE
- CENTER LINE
- SAWCUT LINE
- DETAIL NUMBER / SHEET NUMBER
- EXISTING ELEVATION DESCRIPTION
- PROPOSED ELEVATION DESCRIPTION
- PROPOSED AC ELEVATION DESCRIPTION
- EXISTING RATE OF GRADE / DIRECTION OF FLOW
- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)

1 inch = 40 ft.

North Arrow

GRADING CONSTRUCTION NOTES

- CONSTRUCT 3" AC MIN. OVER 4" TYPE II (90% COMPACTED) IN TRAFFIC AREA REFER TO SOILS REPORT
- THE SAWCUT LINES & LIMITS OF AC REMOVAL & REPLACEMENT SHALL BE DETERMINED BY A COH CONSTRUCTION SERVICES INSPECTOR. A.C. SHALL BE REPLACED BY MECHANICAL MEANS. TRENCH BACKFILL MATERIAL SHALL BE SAMPLED, DESIGNED, TESTED AND CERTIFIED PER COH TRENCH BACKFILL POLICY.

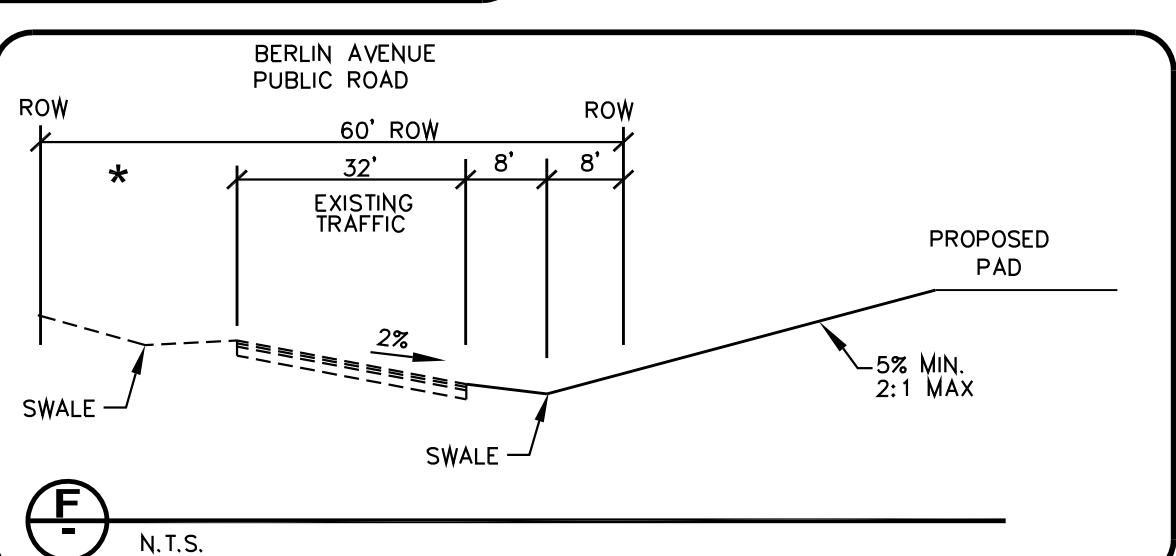
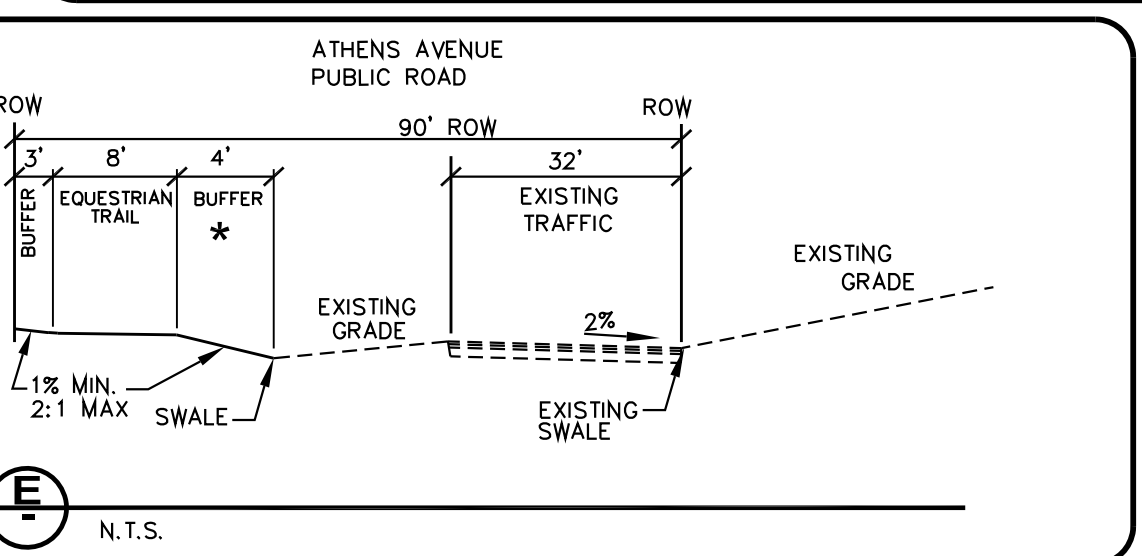
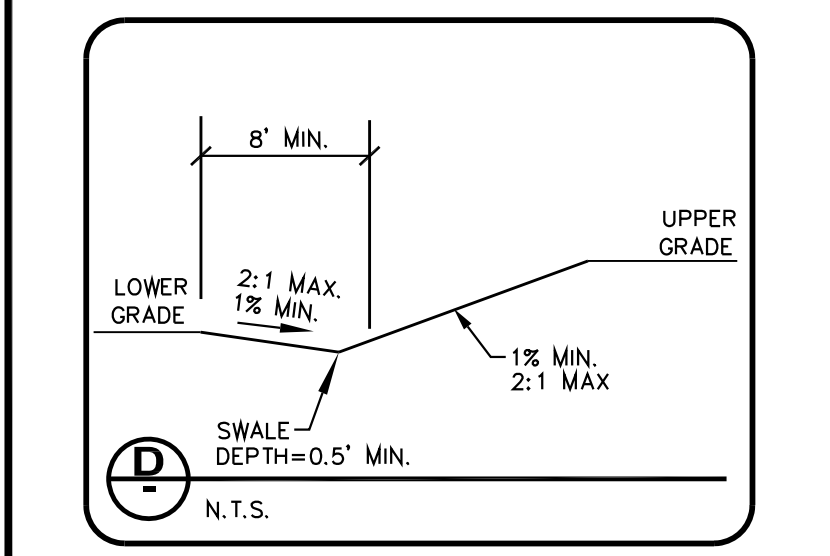
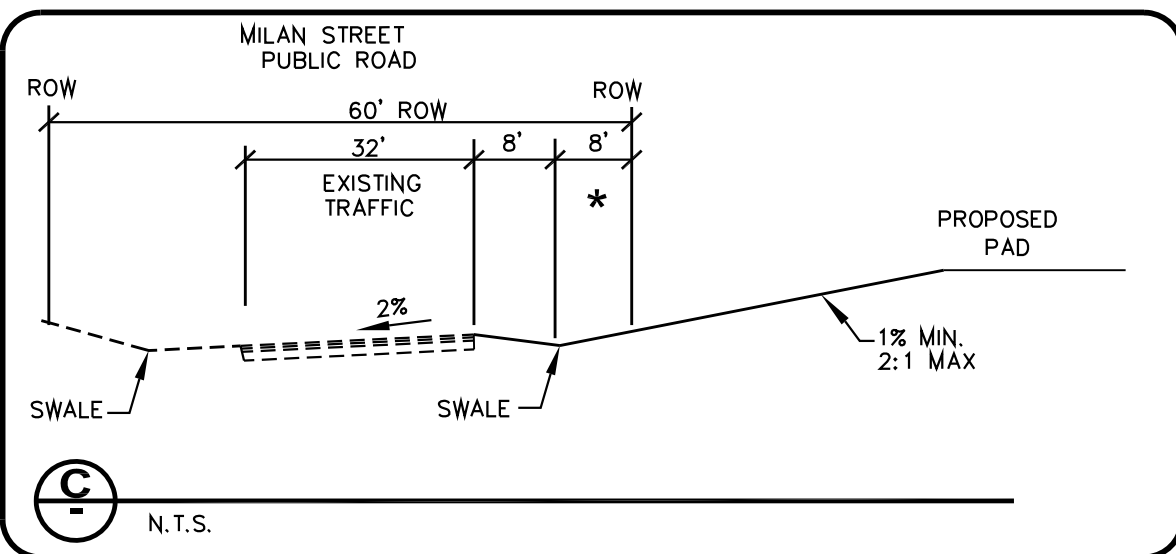
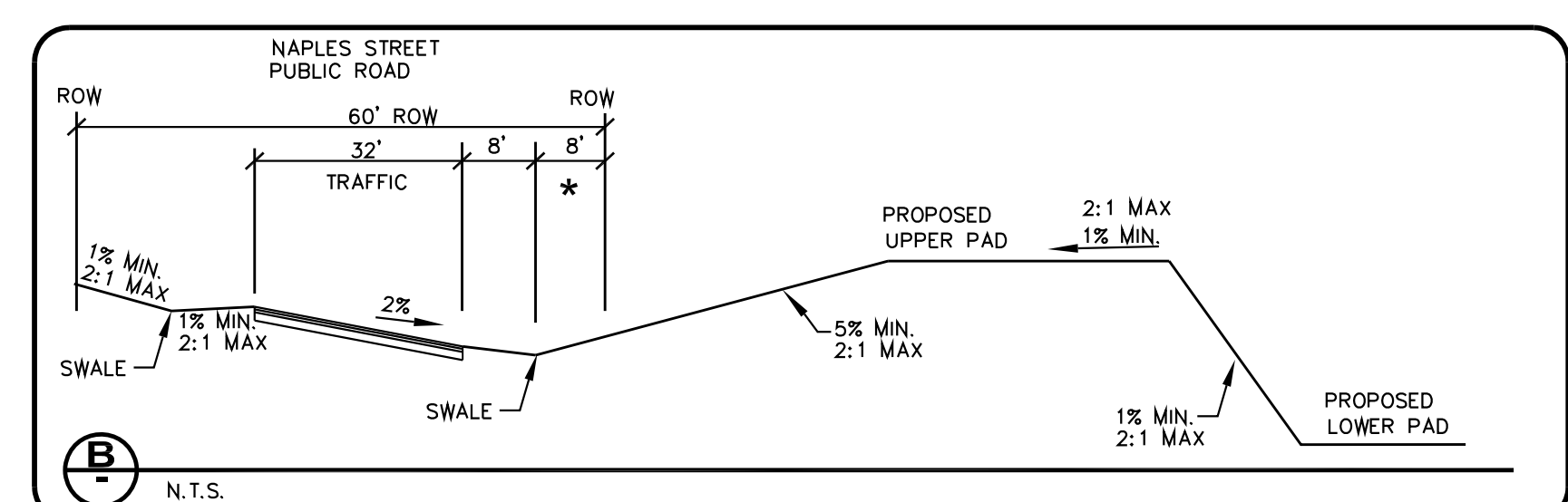
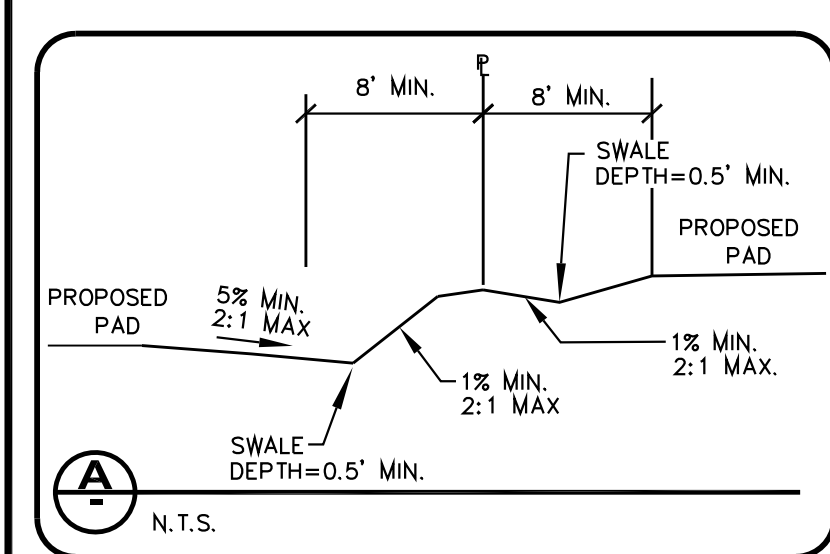
GENERAL NOTES

- ADD 1800 TO ALL PLAN ELEVATIONS.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING PLAN ELEVATIONS AND NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- THIS SITE IS NOT LOCATED IN A 100 YEAR FLOOD PLAIN PER F.I.R.M. MAP No 32003C2805E REVISED SEPTEMBER 27, 2002
- ESTIMATED EARTHWORK QUANTITIES: 12,068 C.Y.=CUT, 17,353 C.Y.=FILL

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF HENDERSON PERMIT NUMBER PHYD 2019003389

LANSON CHRISTOPHERSON P.E. No.15257 DATE 7-28-20

* NO LANDSCAPING IN ROW WITHOUT A REVOCABLE PERMIT FROM C.O.H. SEE SHEET 6 OF 10 FOR DETAIL



GEOTECHNICAL REPORT

DUPONT ENGINEERING
DATED: JUNE 30, 2019
PROJECT NO. 19-0437

BENCHMARK

BENCHMARK NUMBER C.O.H. 220

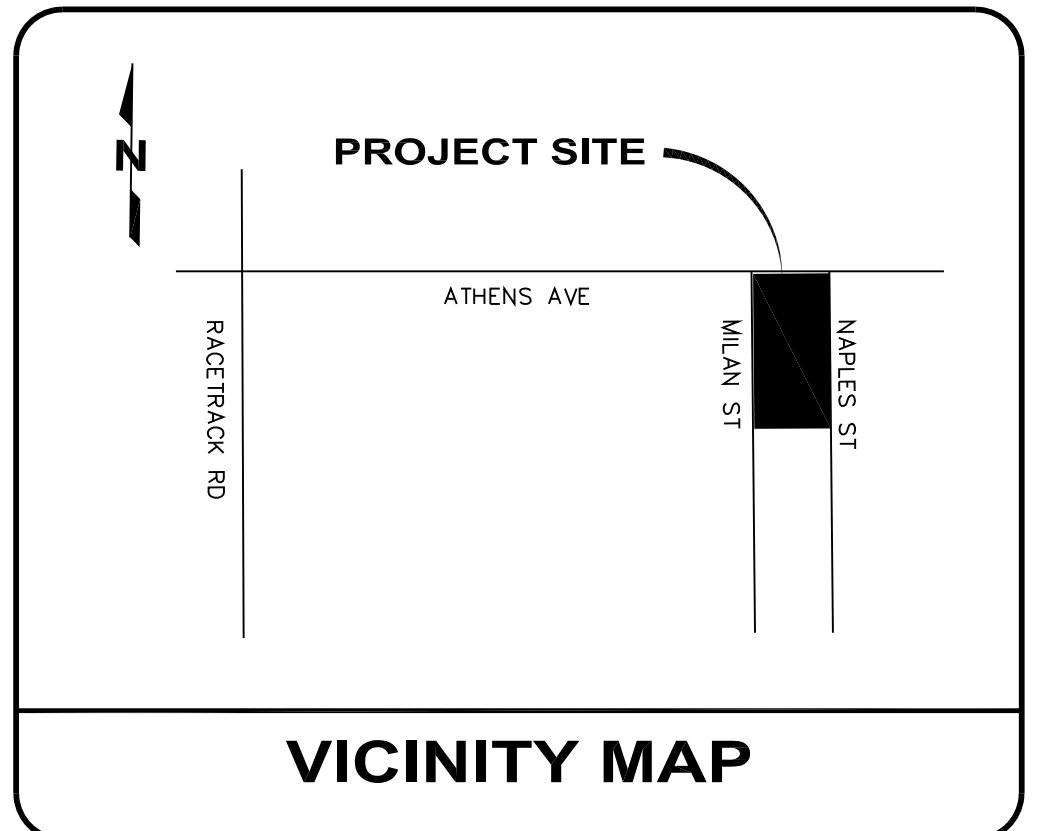
1 1/2" BRASS CAP IN THE TOP OF CURB AT THE SOUTHEAST CORNER OF OLSEN STREET AND KEOKUCK STREET.

ELEVATION 508.195 METERS
1667.30 FEET

BASIS OF BEARING

N87°44'48"E

BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 21 SOUTH, RANGE 63 EAST, M.D.M., AS SHOWN IN THE BOOK 144 PAGE 71 OF PLATS.



ENGINEER'S SEAL:

LEONARD L. CHRISTOPHERSON
EXP. 12/31/20
CIVIL
7-28-20

CLIENT:

MILAN CUSTOMS LLC

PROJECT:

MILAN CUSTOMS
MILAN STREET & ATHENS AVENUE
HENDERSON, NV
APN: 179-04-503-001

SHEET TITLE:

GRADING PLAN

DATE:

JUNE 28, 2020

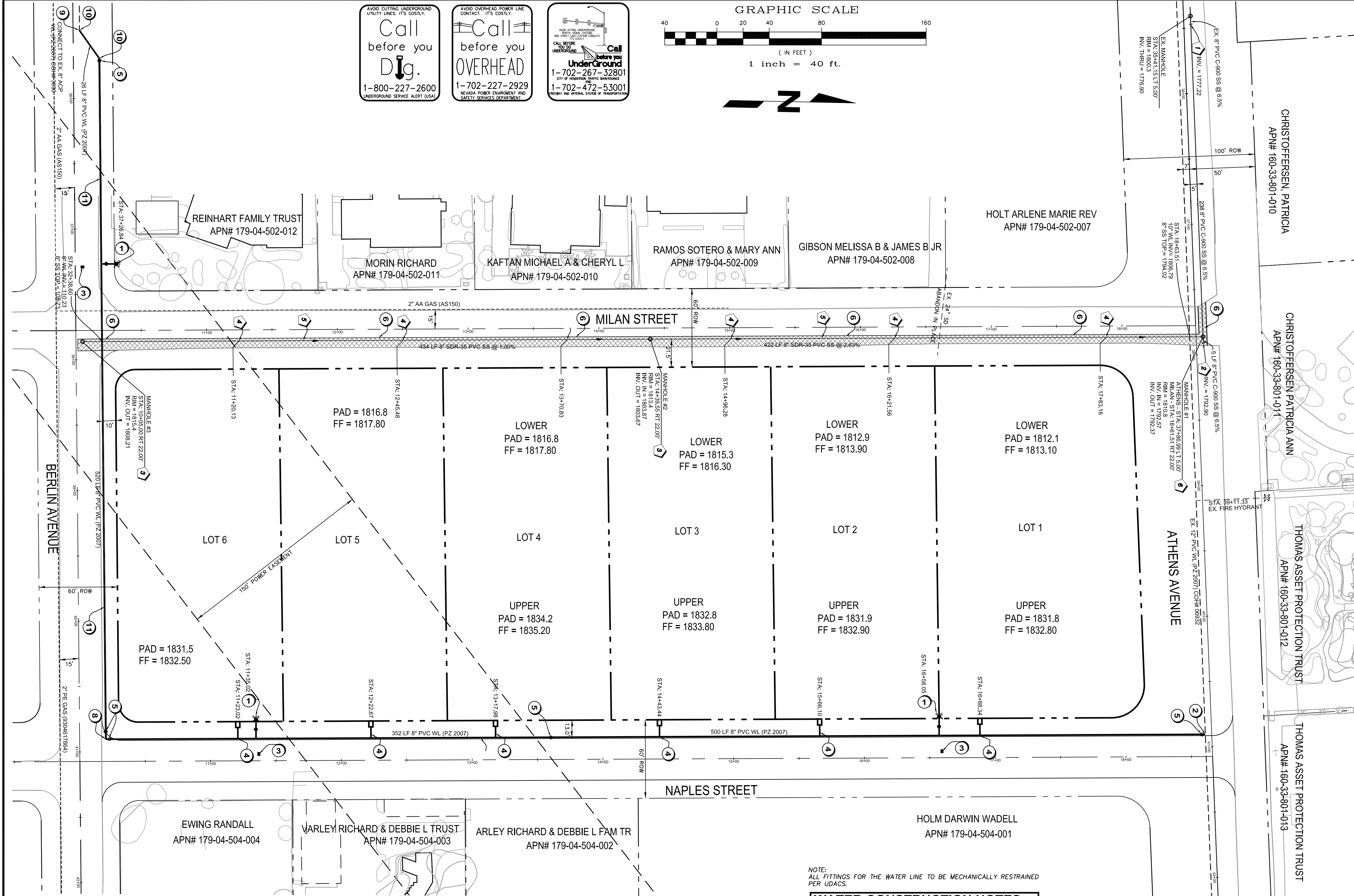
SCALE:

1" = 40'

SHEET NUMBER:

4 OF 10

PCVL 2019064376



WATER METER SUMMARY TABLE

SIZE	TYPE	USE	QUANTITY
1" RFM (3/4 DEMAND)	RFM	DOM./FIRE	6

ESTIMATED QUANTITIES

WATER/SEWER

ITEM	(PRIVATE)	(PUBLIC)
8" C900 PVC WL		1391 LF
8" VALVE		5 EA
8" SDR 35 PVS SS		1061 LF
72" MANHOLE		1 EA
48" MANHOLE		3 EA
FIRE HYDRANT ASSEMBLY		3 EA
1" RFM (3/4" DEMAND)		6 EA
4" SDR 35 PVC SS LATERAL	129 LF	
8" C-900 PVC SS		5 LF
1.5" POLYWRAPED COPPER		215 LF
12"x8" FULL CIRCUMFERENCE GASKET & SUPPORT TAPPING SLEEVE		1 EA

BENCHMARK

BENCHMARK NUMBER 220

1 1/2" BRASS CAP IN THE TOP OF CURB AT THE SOUTHEAST CORNER OF OLSEN STREET AND KEOKUCK STREET.

ELEVATION 508.195 METERS
1667.30 FEET

BASIS OF BEARING

N87°44'48"E

BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 21 SOUTH, RANGE 63 EAST, M.D.M., AS SHOWN ON THE BOOL 144 PAGE 41 OF PLATS.

SEWER CONSTRUCTION NOTES

- CONNECT INTO EXISTING SEWER LINE 5' FROM MANHOLE PER DCSWCS. 2.3.8.D
- STUB AND CAP SEWER PER DCSWCS. 3.14.8.
- INSTALL 48" TYPE I SANITARY SEWER MANHOLE PER DCSWCS. SD-1
- INSTALL 6"X4" SANITARY SEWER SERVICE WYE PER DCSWCS. SD-20
- INSTALL/INSTALL 8" SEWER MAIN PER DCSWCS PER SD-16 OR SD-17
- INSTALL 72" TYPE I SANITARY SEWER MANHOLE PER DCSWCS. SD-1

NOTE:
ALL FITTINGS FOR THE WATER LINE TO BE MECHANICALLY RESTRAINED PER UDACS.

WATER CONSTRUCTION NOTES

- INSTALL 6" FIRE HYDRANT ASSEMBLY PER UDACS PLATE 40 (INCLUDES 8" x 8" x 6" TEE AND 6" GATE VALVE)
- 12"x8" FULL CIRCUMFERENCE GASKET & SUPPORT TAPPING SLEEVE WITH 8" GATE VALVE PER U.D.A.C.S. STD PLATE 31, 34 & SECTION 2.24
- INSTALL BLUE REFLECTIVE PAVEMENT MARKER IN MIDDLE OF TRAVEL LANE ADJACENT TO HYDRANT
- INSTALL 1.5" POLYWRAPPED COPPER LATERAL WITH 1" RFM (3/4 DEMAND) PER UDACS PLATE 3. CONSTRUCT CONCRETE COLLAR PER CCAUSD #329
- INSTALL 8" GATE VALVE PER UDACS PLATE 30
- THE SAWCUT LINES & LIMITS OF AC REMOVAL & REPLACEMENT SHALL BE DETERMINED BY A COH CONSTRUCTION SERVICES INSPECTOR. A.C. SHALL BE REPLACED BY MECHANICAL MEANS. TRENCH BACKFILL MATERIAL SHALL BE SAMPLED, DESIGNED, TESTED AND CERTIFIED PER COH TRENCH BACKFILL POLICY.
- 8" FULL CIRCUMFERENCE GASKET & SUPPORT TAPPING SLEEVE WITH GATE VALVE PER U.D.A.C.S. STD PLATE 31, 34 & SECTION 2.24
- INSTALL 8" 90° ELBOW PER UDACS PLATE 31
- REMOVE CAP AND CONNECT TO EXISTING WATER LINE.
- INSTALL 8" 45° ELBOW PER UDACS PLATE 31
- INSTALL 8" WATER MAIN PER UDACS PLATE 15, 16 & 17

UNET 2019003680

FIRE FLOW DATA

FIRE FLOW CALCULATIONS:

FIRE FLOW REQUIREMENTS IS 1,500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.
BASED ON SQUARE FOOTAGE: 7,000 SQ. FT
BUILDING HEIGHT 35 FT.
NUMBER OF STORIES 2
TYPE OF CONSTRUCTION TYPE V-B
OCCUPANCY: RESIDENTIAL R
FULL AUTOMATIC SPRINKLER SYSTEM: YES

LEGEND

	EXISTING / ADJACENT RIGHT-OF-WAY LINE
	EXISTING EDGE OF PAVEMENT
	PROPERTY LINE
	CENTER LINE
	SAWCUT LIN
	EXISTING SEWER LINE / MANHOLE
	PROPOSED SEWER LINE / CLEANOUT
	EXISTING WATER LINE / VALVE
	PROPOSED WATER LINE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING BUILDING
	PROPOSED BUILDING
	PROPOSED SIGN
	PROPOSED FDC

NOTE:
FUTURE BUILDINGS ON LOTS 1-6 SHALL LOCATE THE DRIVEWAY A MINIMUM OF 4 FEET FROM EXISTING WATER METER BOX. METER BOXES SHALL NOT BE LOCATED IN FUTURE DRIVEWAYS.

Gate Valves (COH)

Manufacturer:	
Manufacturer Year:	
Model:	
Inspected by:	Insp. Date:

Butterfly Valves (COH)

Manufacturer:	
Manufacturer Year:	
Model:	
Inspected by:	Insp. Date:

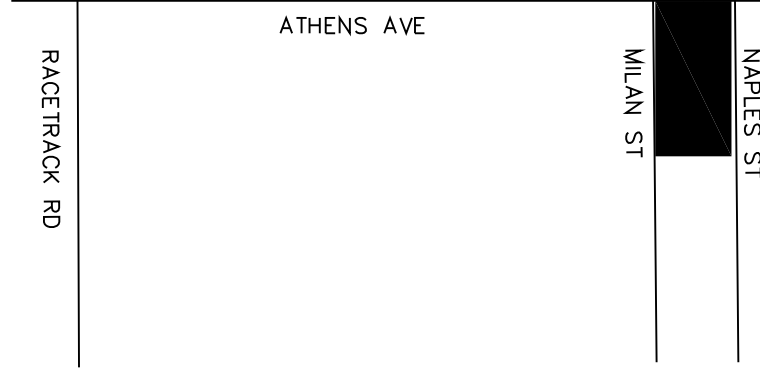
Water and Sewer Pipe / AMS / Corp Stop (COH)

Water Pipe Mfr:	
Water Service Mfr:	
Sewer Pipe Mfr:	
Sewer Lateral Mfr:	
AMS Mfr:	
Corpsstop Mfr:	
Inspected by:	Insp. Date:

Cathodic Protection (COH)

CTS Type: AR1 / AR2 / C / C+M / C+S	
/ F / 1 / 1-1 / 1-2 / 1-3 / 1 / M / S / T / T-2	
Joists Bonded: Y / N	
Anode material:	
I-SCI / Mg / MMO / Ptnb / PtTi / Zn	
Anode Weight:	
Anode Quantity:	
Master ID#:	
Inspected by:	Insp. Date:

PROJECT SITE



VICINITY MAP

#	DATE / DESCRIPTION

ENGINEER'S SEAL:



ENGINEER:
DLC
CONSULTING
DEVELOPMENT / LAND ANALYSIS / CONSTRUCTION
2885 EAST QUAIL AVENUE
LAS VEGAS, NEVADA 89120
PHONE: 702-521-7021

CLIENT:
MILAN CUSTOMS LLC

PROJECT:
MILAN CUSTOMS
MILAN STREET & ATHENS AVENUE
HENDERSON, NV
APN: 179-04-503-001

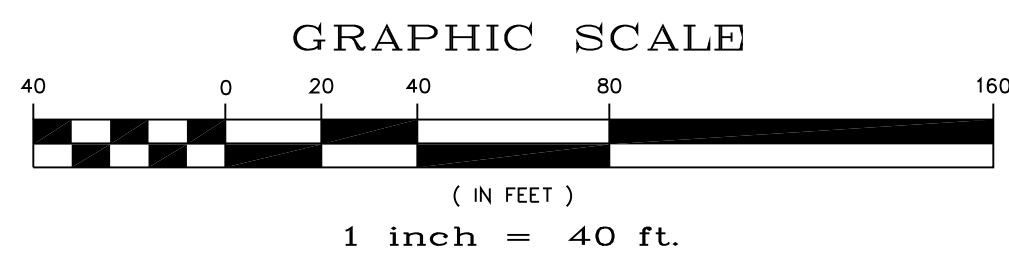
SHEET TITLE:
UTILITY PLAN

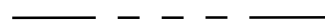


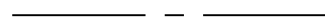



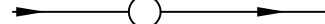







DATE:
JUNE 28, 2020

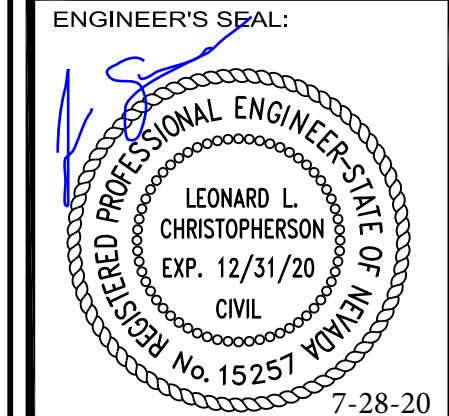
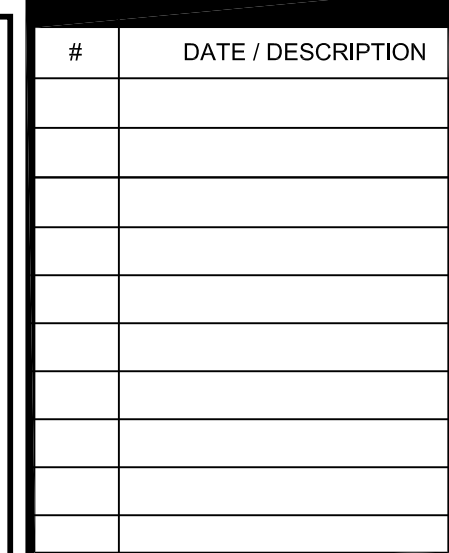
SCALE:
1" = 40'

SHEET NUMBER:
5 OF 10

PCVL 2019064376



LEGEND	
	ADJACENT RIGHT-OF-WAY LINE
	EXISTING EDGE OF PAVEMENT
	PROPERTY LINE
	CENTER LINE
	SAWCUT LIN
 EX. S.S.	EXISTING SEWER LINE/ MANHOLE
 SS	PROPOSED SEWER LINE/ CLEANOUT
 EX. W.L.	EXISTING WATER LINE/ VALVE
 WL	PROPOSED WATER LINE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING BUILDING
	PROPOSED BUILDING
	PROPOSED SIGN
	PROPOSED FDC



ENGINEER;

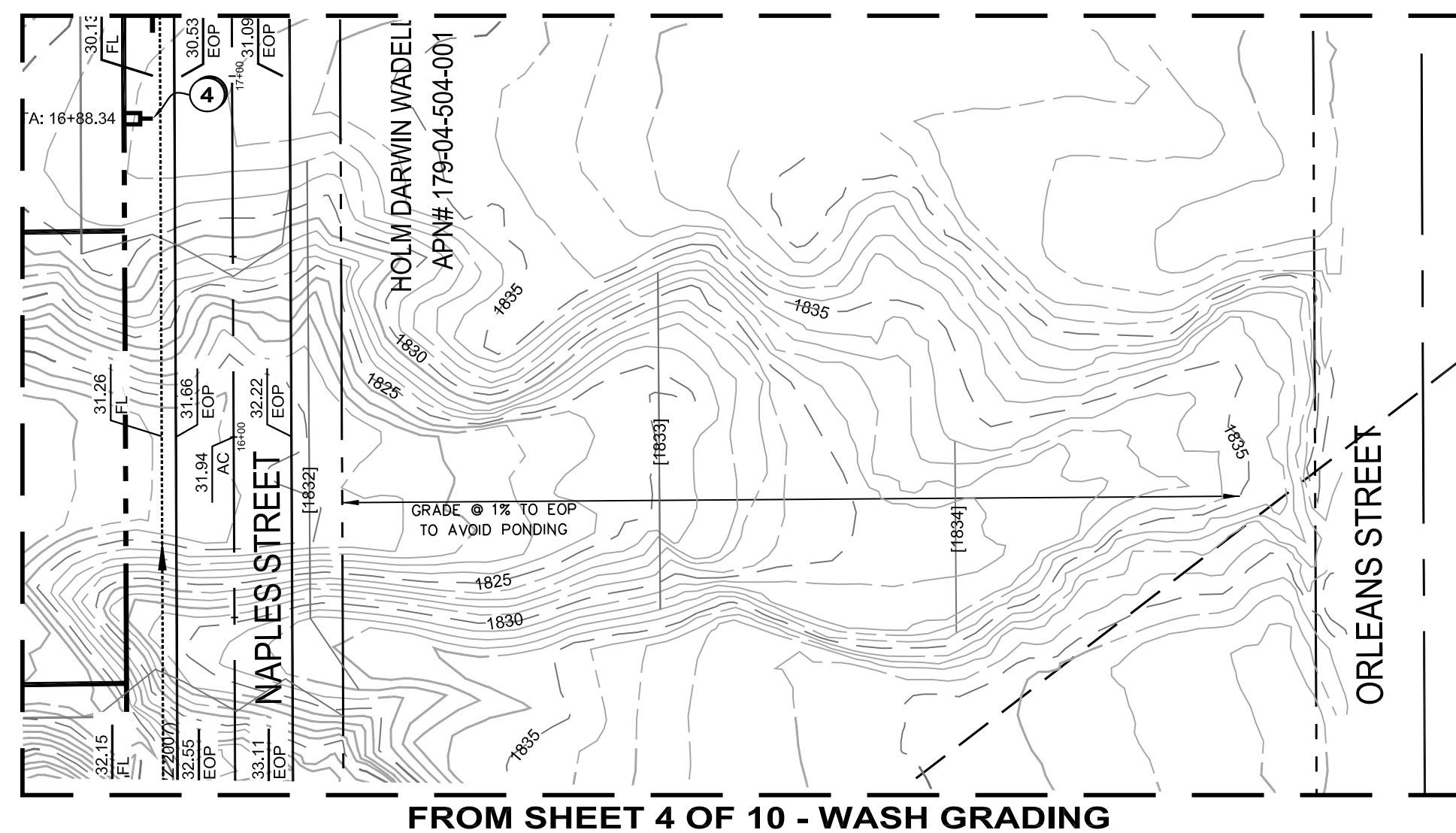
DLC

CONSULTING

DEVELOPMENT | LAND ANALYSIS | CONSTRUCTION

2885 EAST QUAIL AVENUE
LAS VEGAS, NEVADA 89120
PHONE: 702-521-7021

CLIENT: **MILAN CUSTOMS LLC**



NOTE:
ALL FITTINGS FOR THE WATER LINE TO BE MECHANICALLY RESTRAINED
PER UDACS.

- 1 INSTALL 8" FIRE HYDRANT ASSEMBLY PER UDACS PLATE 40 (INCLUDES 8" x 8" x 6" TEE AND 6" GATE VALVE)
- 2 12"x8" FULL CIRCUMFERENCE GASKET & SUPPORT TAPPING SLEEVE WITH 8" GATE VALVE PER U.D.A.C.S. STD PLATE 31, 34 & SECTION 2.24
- 3 INSTALL BLUE REFLECTIVE PAVEMENT MARKER IN MIDDLE OF TRAVEL LANE ADJACENT TO HYDRANT
- 4 INSTALL 1.5" POLYWRAPPED COPPER LATERAL WITH 1" RFM (1/4" DEMAND) PER UDACS PLATE 3. CONSTRUCT CONCRETE COLLAR PER CCAUSD #329
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- 6 THE SCAWING LINES & LIMITS OF AC REMOVAL & REPLACEMENT SHALL BE DETERMINED BY A CIVIL CONSTRUCTION SERVICES INSPECTOR. A.C. SHALL BE REPLACED BY MECHANICAL MEANS, TRENCH BACKFILL MATERIAL SHALL BE SAMPLED, DESIGNED, TESTED AND CERTIFIED PER COW TRENCH BACKFILL POLICY.
- 7 8" FULL CIRCUMFERENCE GASKET & SUPPORT TAPPING SLEEVE WITH GATE VALVE PER U.D.A.C.S. STD PLATE 31, 34 & SECTION 2.24
- 8 INSTALL 8" 90° ELBOW PER UDACS PLATE 31
- 9 REMOVE CAP AND CONNECT TO EXISTING WATER LINE.
- 10 INSTALL 8" 45° ELBOW PER UDACS PLATE 31
- 11 INSTALL 8" WATER MAIN PER UDACS PLATES 15, 16 & 17

- 1 CONNECT INTO EXISTING SEWER LINE 5' FROM MANHOLE PER DCSWCS. 2.3.8.D
- 2 STUB AND CAP SEWER PER DCSWCS. 3.14.8.
- 3 INSTALL 48" TYPE I SANITARY SEWER MANHOLE PER DCSWCS. SD-1
- 4 INSTALL 8"x4" SANITARY SEWER SERVICE WYE PER DCSWCS. SD-20
- 5 INSTALL INSTALL 8" SEWER MAIN PER DCSWCS PER SD-16 OR SD-17
- 6 INSTALL 72" TYPE I SANITARY SEWER MANHOLE PER DCSWCS. SD-1

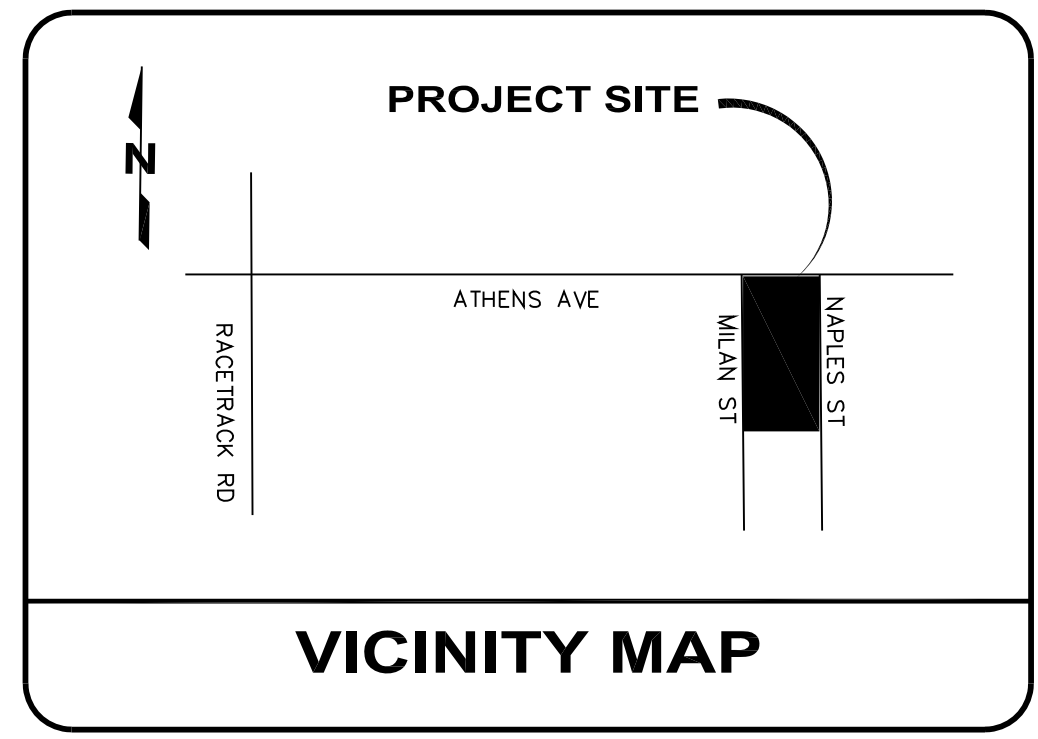
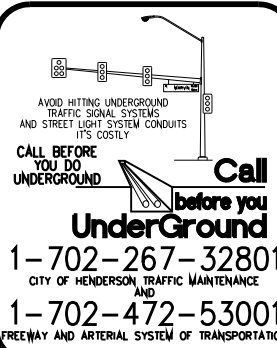
BENCHMARK NUMBER 220

1 1/2" BRASS CAP IN THE TOP OF CURB AT THE SOUTHEAST CORNER
OF OLSEN STREET AND KEOKUCK STREET.

ELEVATION 508.195 METERS
1667.30 FEET

N87°44'48"E

BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 21 SOUTH, RANGE 63 EAST, M.D.M., AS SHOWN ON THE BOOL 144 PAGE 41 OF PLATS.

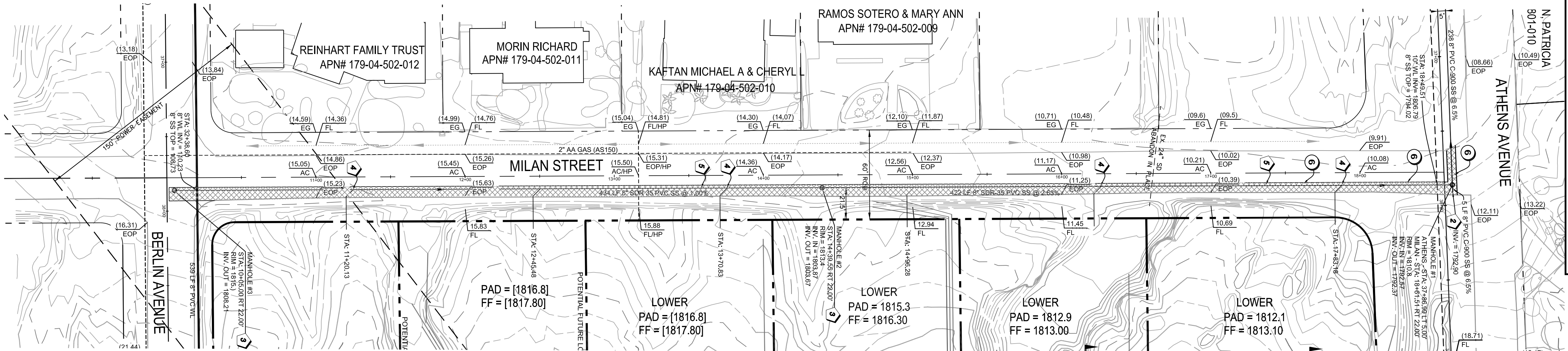
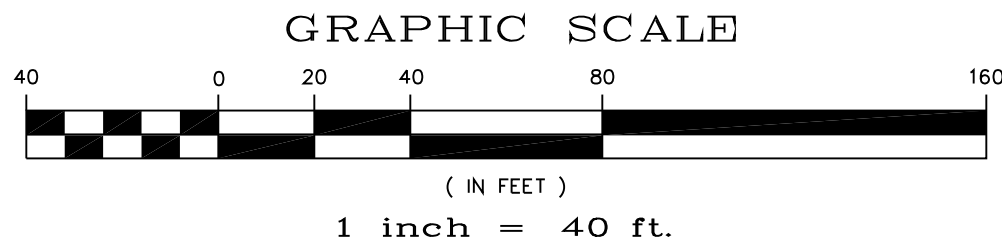


MILAN CUSTOMS
MILAN STREET & ATHENS AVENUE
HENDERSON, NV
APN: 179-04-503-001

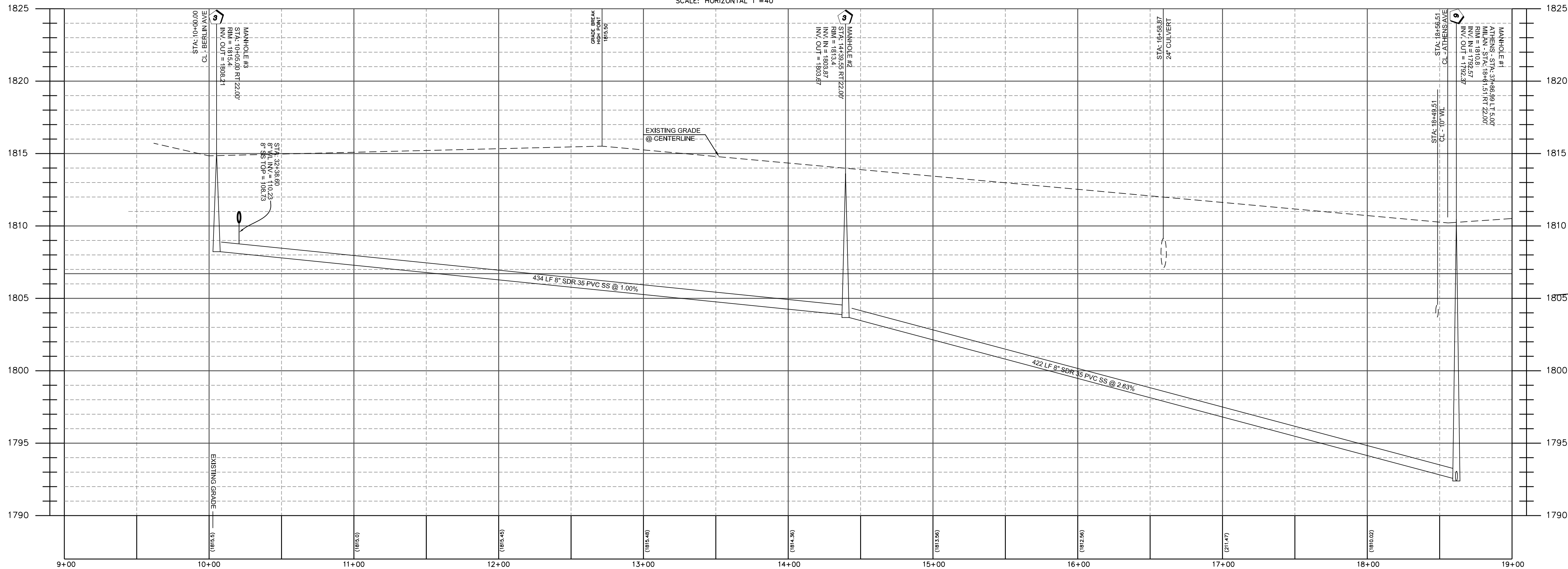
ATHENS PLAN & PROFILE

PROJECT:	SHEET TITLE:
DATE: JUNE 28, 2020	
SCALE: 1' = 40'	
SHEET NUMBER: 6 OF 10	
PCVL 2019064376	

DRAWING:



MILAN - PLAN VIEW
SCALE: HORIZONTAL 1"=40'

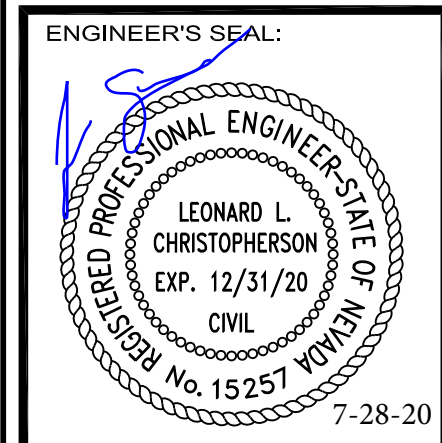


MILAN - PROFILE VIEW
SCALE: HORIZONTAL 1"=40'
VERTICAL 1"=5'

LEGEND

- ADJACENT RIGHT-OF-WAY LINE
- EXISTING EDGE OF PAVEMENT
- PROPERTY LINE
- CENTER LINE
- SAWCUT LIN
- EX. S.S.
- SS
- EX. W.L.
- W.L.
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING BUILDING
- PROPOSED BUILDING
- PROPOSED SIGN
- PROPOSED FDC

#	DATE / DESCRIPTION



DLC
CONSULTING

ENGINEER:

DEVELOPMENT | LAND ANALYSIS | CONSTRUCTION
2885 EAST QUAIL AVENUE
LAS VEGAS, NEVADA 89120
PHONE: 702-521-7021

CLIENT:

MILAN CUSTOMS LLC

- NOTE:
ALL FITTINGS FOR THE WATER LINE TO BE MECHANICALLY RESTRAINED PER UDACS.
- WATER CONSTRUCTION NOTES**
- INSTALL 6" FIRE HYDRANT ASSEMBLY PER UDACS PLATE 40 (INCLUDES 8" x 8" x 6" TEE AND 6" GATE VALVE)
 - 12"x8" FULL CIRCUMFERENCE GASKET & SUPPORT TAPPING SLEEVE WITH 8" GATE VALVE PER U.D.A.C.S. STD PLATE 31, 34 & SECTION 2.24
 - INSTALL BLUE REFLECTIVE PAVEMENT MARKER IN MIDDLE OF TRAVEL LANE ADJACENT TO HYDRANT
 - INSTALL 1.5" POLYWRAPPED COPPER LATERAL WITH 1" RFM (3/4 DEMAND) PER UDACS PLATE 3. CONSTRUCT CONCRETE COLLAR PER CCAUSD #329
 - INSTALL 8" GATE VALVE PER UDACS PLATE 30
 - THE SAWCUT LINES & LIMITS OF AC REMOVAL & REPLACEMENT SHALL BE DETERMINED BY A COH CONSTRUCTION SERVICES INSPECTOR; A.C. SHALL BE REPLACED BY MECHANICAL MEANS. TRENCH BACKFILL MATERIAL SHALL BE SAMPLED, DESIGNED, TESTED AND CERTIFIED PER COH TRENCH BACKFILL POLICY.
 - 8" FULL CIRCUMFERENCE GASKET & SUPPORT TAPPING SLEEVE WITH GATE VALVE PER U.D.A.C.S. STD PLATE 31, 34 & SECTION 2.24
 - INSTALL 8" 90° ELBOW PER UDACS PLATE 31
 - REMOVE CAP AND CONNECT TO EXISTING WATER LINE.
 - INSTALL 8" 45° ELBOW PER UDACS PLATE 31
 - INSTALL 8" WATER MAIN PER UDACS PLATE 15, 16 & 17

SEWER CONSTRUCTION NOTES

- CONNECT INTO EXISTING SEWER LINE 5' FROM MANHOLE PER DCSWCS. 2.3.8.D
- STUB AND CAP SEWER PER DCSWCS. 3.14.8.
- INSTALL 48" TYPE I SANITARY SEWER MANHOLE PER DCSWCS. SD-1
- INSTALL 8"x4" SANITARY SEWER SERVICE WYE PER DCSWCS. SD-20
- INSTALL 8" SEWER MAIN PER DCSWCS PER SD-16 OR SD-17
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ELEVATION 508.195 METERS
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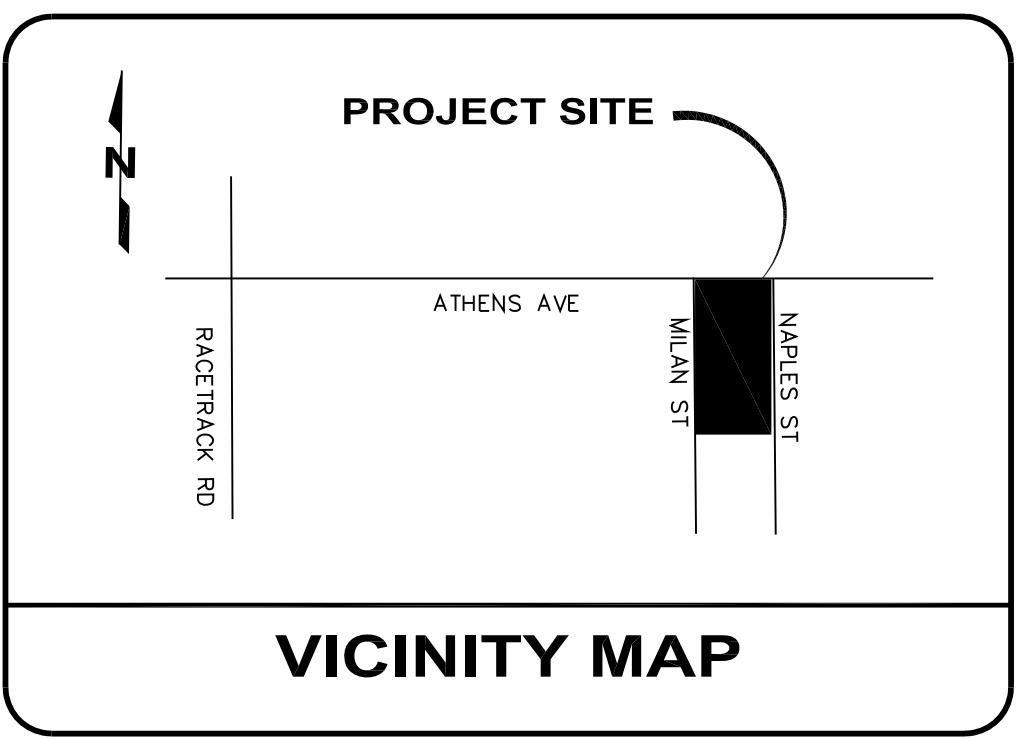
BASIS OF BEARING

N87°44'48"E
BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 21 SOUTH, RANGE 63 EAST, M.D.M., AS SHOWN ON THE BOUL. 144 PAGE 41 OF PLATS.

Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

Call before you OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

Call before you UnderGround
1-702-267-32801
OFF OF OLSEN STREET MANHOLE
1-702-472-53001
TRENCH AND MATERIAL SYSTEM OF TRANSPORTATION



PROJECT:

MILAN CUSTOMS
MILAN STREET & ATHENS AVENUE
HENDERSON, NV
APN: 179-04-503-001

SHEET TITLE:

MILAN PLAN & PROFILE

DATE:

JUNE 28, 2020

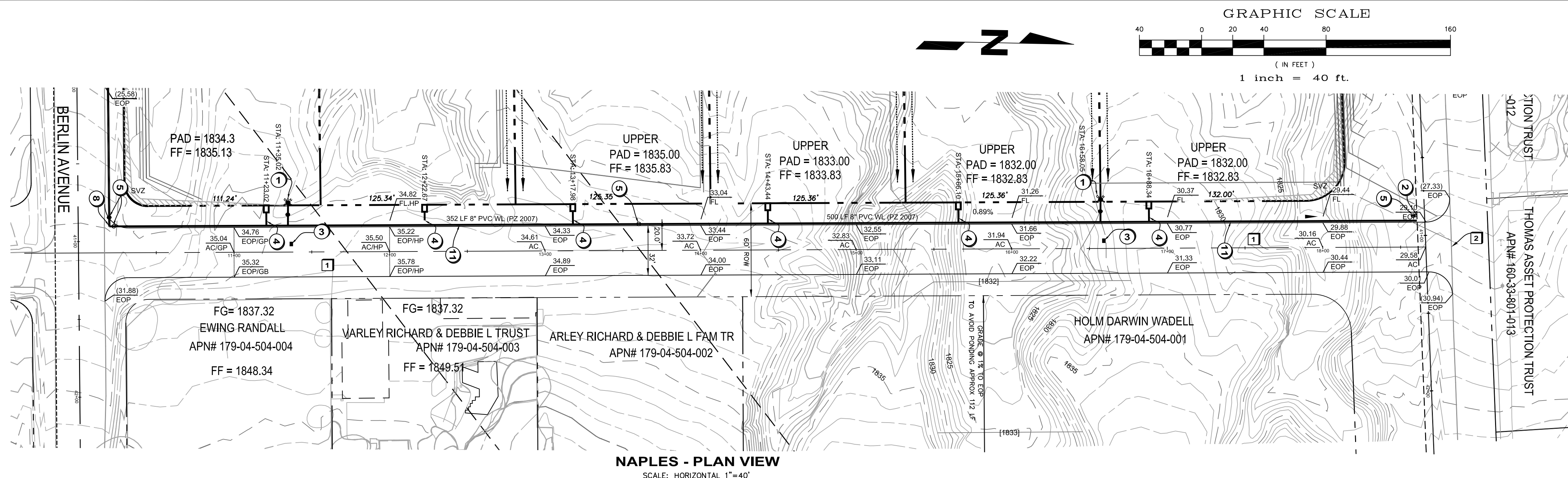
SCALE:

1" = 40'

SHEET NUMBER:

7 OF 10

PCVL 2019064376



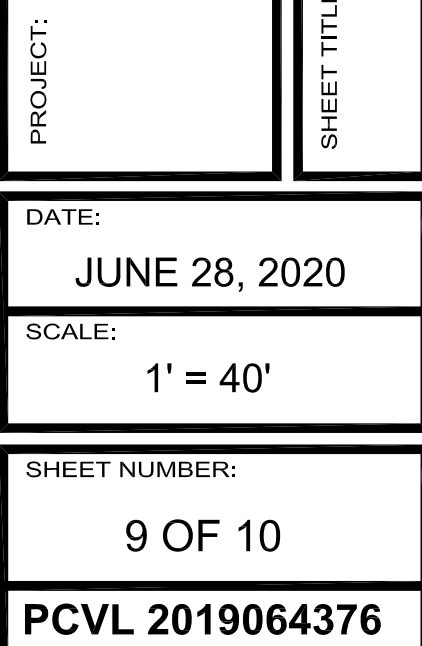
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CLIENT: **MILAN CUSTOMS LLC**

- ## WATER CONSTRUCTION NOTES

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AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.

Call
before you
Dig.

1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

AVOID OVERHEAD POWER LINE
CONTACT. IT'S COSTLY.

 Call 

before you
OVERHEAD

1-702-227-2929

NEVADA POWER ENVIRONMENT
AND SAFETY SERVICES DEPARTMENT

INVOID HITTING UNDERGROUND
TRAFFIC SIGNAL SYSTEMS
AND STREET LIGHT SYSTEM CONDUITS
IS TOO EASY!

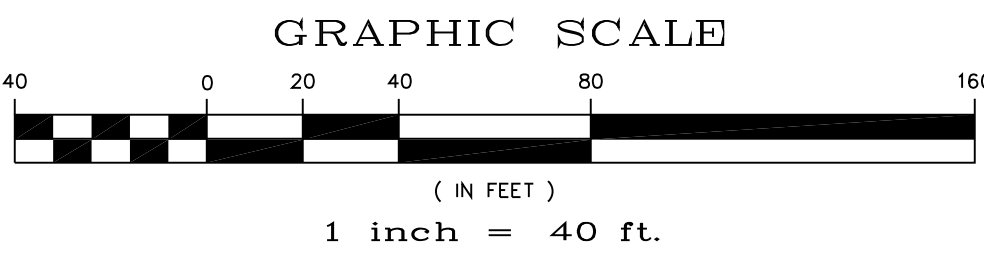
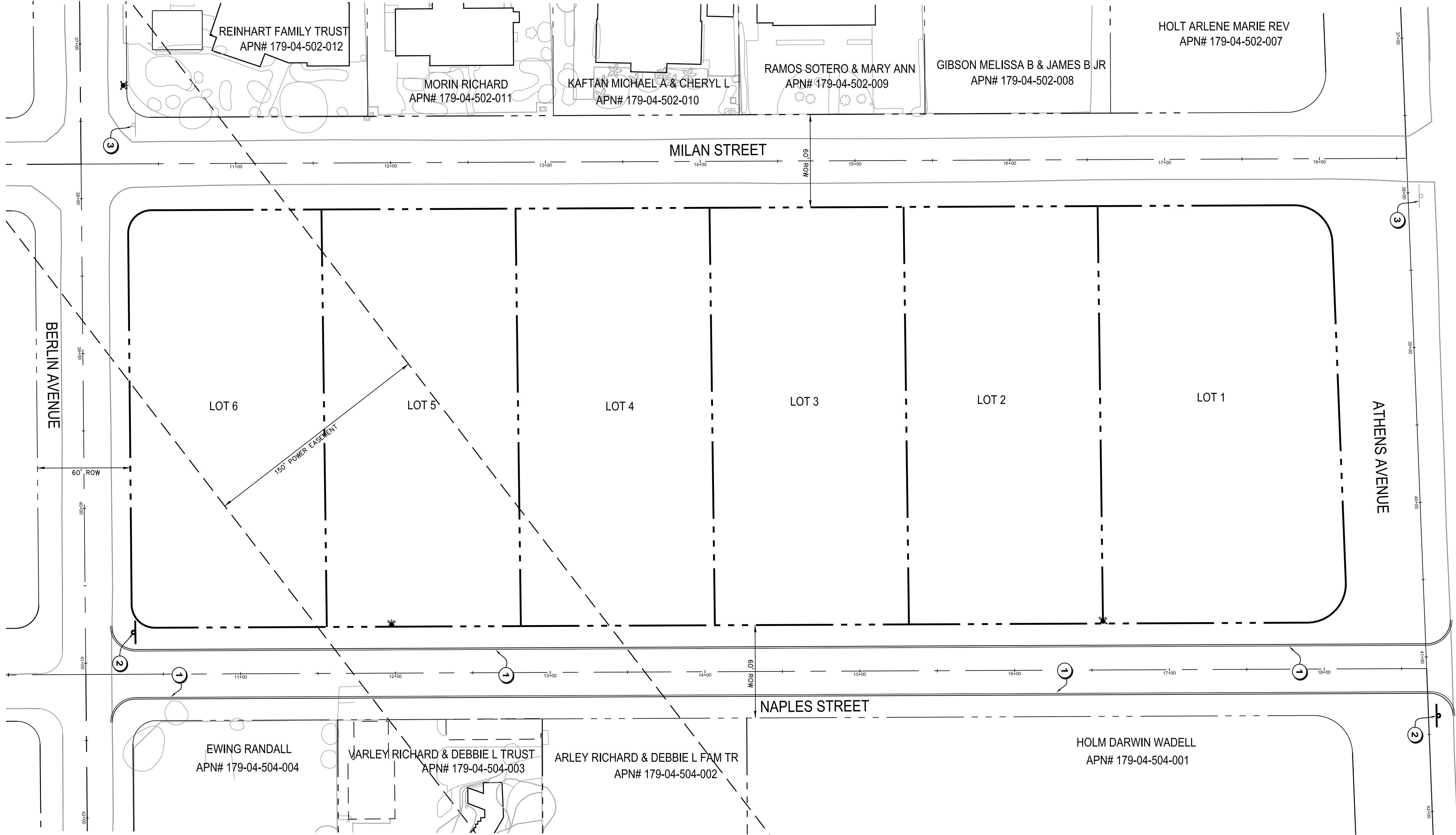
CALL BEFORE YOU
UNDERGROUND

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UnderGround**

1-702-267-3280
CITY OF HENDERSON, TRAFFIC MAINTENANCE
AND

1-702-472-5300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

DRAWING:



#	DATE / DESCRIPTION



**DLC**
CONSULTING

ENGINEER:
DEVELOPMENT | LAND ANALYSIS | CONSTRUCTION
2885 EAST QUAIL AVENUE
LAS VEGAS, NEVADA 89120
PHONE: 702-521-7021

CLIENT:

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PROJECT:

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HENDERSON, NV
APN: 179-04-503-001

SHEET TITLE:

TRAFFIC PLAN

DATE:

JUNE 28, 2020

SCALE:

1' = 40'

SHEET NUMBER:

10 OF 10

PCVL 2019064376

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**Call before you UnderGround**
1-702-267-32801
1-702-472-53001
CITY OF HENDERSON TRAFFIC MAINTENANCE
STREET AND SIGNAL DIVISION OF TRANSPORTATION

- KEY NOTES
- 1

CONSTRUCT WHITE(POLYUREA) 4" EDGE OF PAVEMENT MARKING 4' FROM EDGE OF PAVEMENT
- 2

INSTALL R1 "STOP" SIGN, 30" WITH (2) D3 9" STREET NAME SIGNS
- 3

EXISTING R1 "STOP" SIGN, 30" WITH (2) D3 9" STREET NAME SIGNS

