DOUGLAS COUNTY PUBLIC WORKS

DOUGLAS COUNTY PLYMOUTH DRIVE ROAD RECONSTRUCTION

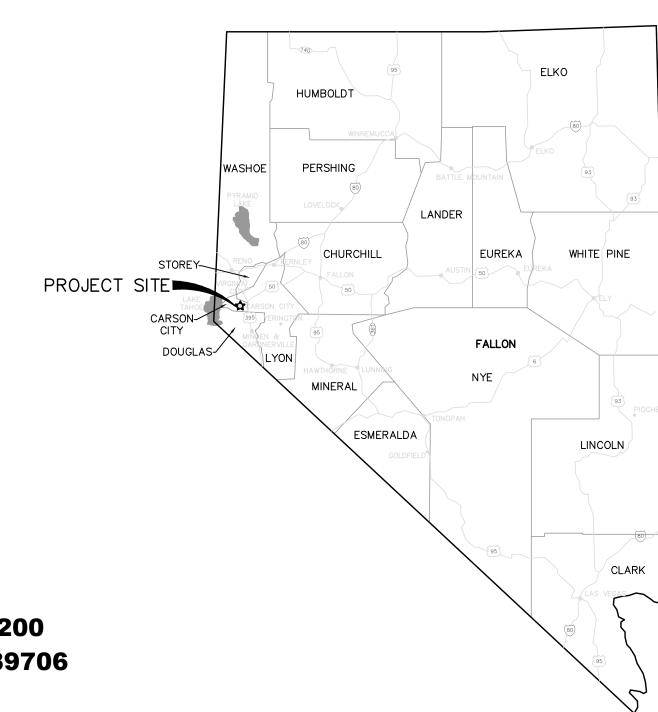
PWP-2020-036



OWNER/DEVELOPER:

LUMOS

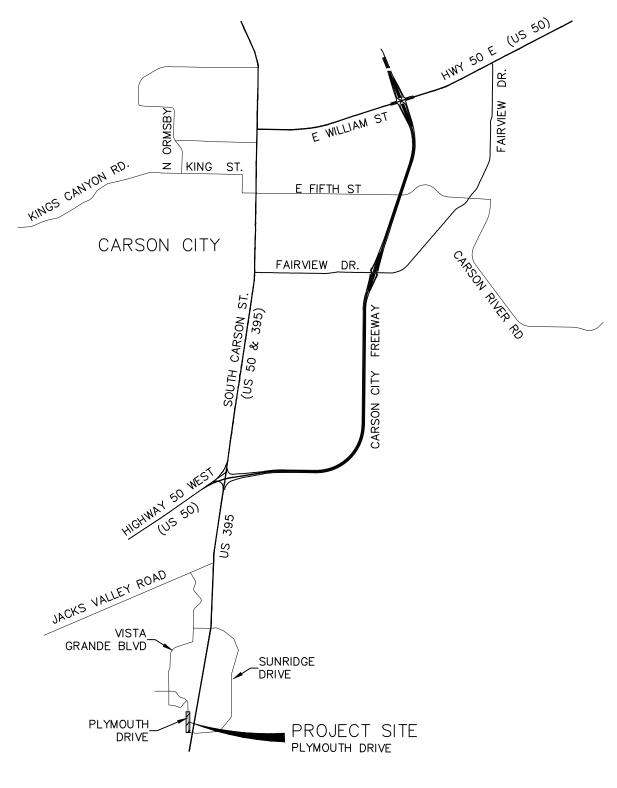
DOUGLAS COUNTY PUBLIC WORKS ATTN: JOHN ERB, P.E. P.O. BOX 218 **MINDEN, NV 89423**



ENGINEER

308 N. CURRY ST., STE. 200 **CARSON CITY, NEVADA 89706** TEL: 775.883.7077

LOCATION MAP



N.T.S.

VICINITY MAP

SHEET INDEX:

C1.0
C1.1
C1.2
C2.0
C3.0
C3.1
C3.2
C4.0
C4.1
C4.2



9222 PROTOTYPE DRIVE RENO, NV 89521 TEL: 775.827.6111



BAR IS 1 INCH ON

IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY

C1.0

DESIGNED BY: CHECKED BY: JOB NO.:

- 1. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.
- 2. DETAILS NOT SHOWN ON THESE DRAWINGS SHALL BE CONTAINED IN THE 31. ALL UNDERGROUND VALVES, TEES, FITTINGS, ETC. LARGER THAN 2" STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION (ORANGE
- 3. CONSTRUCTION SHALL COMPLY WITH THESE PLANS AND CURRENT NDOT STANDARD PLANS/SPECIFICATIONS (STANDARD SPECIFICATIONS) AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING A PRE-CONSTRUCTION JOB SITE CONFERENCE WITH GOVERNING AGENCIES, ALL UTILITY COMPANIES, OWNER'S REPRESENTATIVES, AND THE PROJECT ENGINEER PRIOR TO COMMENCING WORK. THIS MEETING 35. THE WATER MAINS SHALL NOT BE PLACED INTO SERVICE UNTIL: SHALL BE HELD AT LEAST FORTY-EIGHT (48) HOURS, OR TWO (2) BUSINESS DAYS, PRIOR TO THE START OF CONSTRUCTION AND SHALL COMMUNICATE SCHEDULES, CONTRACTORS MEAN AND METHODS, MATERIALS TO BE USED, AND OTHER RELEVANT MATTERS ASSOCIATED WITH THE CONSTRUCTION OF THE PROJECT
- ALL WORK EITHER DIRECTLY OR INDIRECTLY RELATED TO THE PROJECT SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY SYSTEM
- 6. THE CONTRACTOR SHALL MAINTAIN AN ONSITE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS, ADDENDA, CHANGE ORDERS, WORK CHANGE DIRECTIVES, FIELD ORDERS, FIELD CHANGES, AND WRITTEN INTERPRETATIONS AND CLARIFICATIONS. RECORDS SHALL BE IN GOOD ORDER AND ANNOTATED TO SHOW CHANGES MADE DURING CONSTRUCTION.
- 7. CONTRACTOR SHALL PROVIDE MATERIALS AND EQUIPMENT SUBMITTALS AND/OR SHOP DRAWINGS TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO ORDERING OR INSTALLATION. A SIGNED SET OF REVIEWED SUBMITTALS MUST ALWAYS BE AVAILABLE ONSITE DURING CONSTRUCTION.
- 8. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT AT 1-800-642-2444 TO PROVIDE FIELD LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY PROPOSED POINTS OF CONNECTION AND IN AREAS OF POSSIBLE CONFLICT WITH NEW UTILITY INSTALLATION PRIOR TO BEGINNING CONSTRUCTION. SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES BETWEEN THE CONDITIONS EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THE PLAN.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROCURE ALL NECESSARY PERMITS, LICENSES, INSURANCE POLICIES, ETC. AS MAY BE NECESSARY TO COMPLY WITH LOCAL, COUNTY, STATE, AND FEDERAL LAWS ASSOCIATED WITH THE PERFORMANCE OF THE WORK; UNLESS OTHERWISE OBTAINED BY THE OWNER.
- 11. THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN AND PROVIDE, PLACE, AND MAINTAIN ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, PILOT CAR, OR OTHER DEVICES NECESSARY TO CONTROL TRAFFIC THROUGH THE CONSTRUCTION AREA AND FOR PUBLIC SAFETY. ALL TRAFFIC CONTROL OPERATIONS SHALL COMPLY WITH THE LATEST MUTCD. AT NO TIME WILL OBSTRUCTIONS BE LEFT IN THE ROADWAY DURING NIGHT HOURS. ALL TRAFFIC CONTROL PLANS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER OR ATTSA CERTIFIED
- 12. THE CONTRACTOR AGREES TO ASSUME SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AND FURTHER AGREES THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS IN ACCORDANCE WITH THE PROVISIONS OUTLINED BY THE PROJECT CONTROL AND THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA AND NRS 47. INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES ARE 14. THE CONTRACTOR SHALL PURSUE THE WORK IN A CONTINUOUS AND
- DILIGENT MANNER, CONFORMING TO ALL THE PERTINENT SAFETY REGULATIONS TO INSURE A TIMELY COMPLETION OF THE PROJECT.
- 15. THE CONTRACTOR SHALL MAINTAIN A CLEAN PROJECT SITE, REMOVING CONSTRUCTION DEBRIS AT THE END OF EACH ACTIVITY DAY. THE CONTRACTOR SHALL MAINTAIN DEBRIS FREE CONSTRUCTION ROUTES, ADJACENT STREETS AND STORM DRAIN SYSTEMS. 16. TEMPORARY CONSTRUCTION FENCING SHALL BE PROVIDED AND
- MAINTAINED BY THE CONTRACTOR THROUGHOUT THE DURATION OF THE PROJECT IN AREAS AS DELINEATED ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER. THE TEMPORARY FENCING SHALL PREVENT CHILDREN AND PETS FROM ENTERING THE CONSTRUCTION AREA, CREATE A VISUAL BARRIER OF THE CONSTRUCTION ACTIVITIES FROM THE ADJACENT RESIDENCE AND YARDS, AND PROTECT VEGETATION FROM CONSTRUCTION EQUIPMENT.
- 17. THE CONTRACTOR SHALL USE ONLY AUTHORIZED SITES FOR STORAGE OF EQUIPMENT AND MATERIALS AND OBTAIN PROPER APPROVALS FROM THE LAND OWNER AND LOCAL GOVERNING AUTHORITY TO DO SO. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF ALL **EQUIPMENT AND MATERIALS.**
- 18. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. IN THE EVENT A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL HAVE THE MONUMENT REPLACED, AT HIS OWN EXPENSE, BY A LICENSED SURVEYOR IN THE STATE OF NEVADA.
- 19. CONSTRUCTION HOURS SHALL BE WEEKDAYS BETWEEN 7:00 AM AND 6:00 PM UNLESS OTHERWISE DICTATED BY LOCAL ORDINANCE OR NOISE RESTRICTIONS. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE PROJECT ENGINEER TO MODIFY WORK HOURS.
- 20. ALL FIELD CHANGES MUST BE PRE-APPROVED BY THE PROJECT
- 21. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- 22. ALL SALVAGED MATERIALS ARE THE PROPERTY OF THE OWNER AND SHALL BE PALLETIZED ONSITE UNLESS OTHERWISE ARRANGED WITH THE OWNER AND/OR PROJECT ENGINEER. 23. THE OWNER IS RESPONSIBLE FOR FURNISHING QUALIFIED SITE
- INSPECTIONS AS REQUIRED TO COMPLY WITH LOCAL ORDINANCES.

UNDERGROUND UTILITIES

- 24. THE CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS NEAR OR WITHIN THE CONSTRUCTION LIMITS WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ARRANGE FOR THE NECESSARY RELOCATION OF ANY UTILITY. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES INVOLVED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING WORK.
- 25. NO OTHER UTILITIES MAY BE PLACED IN A WATER OR SEWER TRENCH.
- 26. ALL VALVE BOXES, MANHOLE STRUCTURES, AND CLEAN OUTS SHALL BE MARKED AND ACCESSIBLE AT ALL TIMES.
- 27. CONTRACTOR SHALL SUPPORT TRENCH SIDEWALLS IN ACCORDANCE WITH ALL APPLICABLE LAWS AND GOVERNING SAFETY REGULATIONS. SHEETING OR SHORING SHALL CONFORM TO LOCAL REGULATIONS AND OSHA STANDARDS.
- 28. ENDS OF UNFINISHED PIPE SHALL BE SEALED AT THE END OF EACH DAY 29. PIPE SHALL BE LAID IN THE UPHILL DIRECTION, WITH BELL ENDS UPHILL.

- 30. THE CONTRACTOR SHALL COORDINATE ALL WATER MAIN SHUT DOWNS AND TIE-INS WITH THE WATER UTILITY A MINIMUM OF FORTY-EIGHT (48)
- HOURS OR TWO (2) BUSINESS DAYS IN ADVANCE. SHALL BE COATED TO PROTECT AGAINST CORROSION.
- 32. ALL WATER PROJECT MATERIAL (PIPES, VALVES, LATERALS AND APPURTENANCES) SHALL BE LEAD FREE AND MEET THE MINIMUM REQUIREMENTS OF THE NEVADA ADMINISTRATIVE CODE AND NSF/ANSI
- 33. ALL THRUST BLOCKS SHALL BE INSPECTED PRIOR TO BACK-FILL 34. ALL BOLTS AT THRUST BLOCKS AND VALVE SADDLES SHALL BE COVERED WITH VISQUEEN AND TAPED PRIOR TO CONCRETE PLACEMENT.
- a. THE WATER MAIN HAS BEEN DISINFECTED IN ACCORDANCE WITH AWWA, NEVADA DEPARTMENT OF ENVIRONMENTAL PROTECTION (NDEP), THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTIONS STANDARDS.
- b. THE DISPOSAL OF ANY SPENT CHLORINE SOLUTIONS MUST BE COORDINATED WITH NDEP'S BUREAU OF WATER POLLUTION CONTROL.
- c. ANALYSIS OF THE WATER MAIN WHICH INDICATE THAT THE WATER MEETS PRIMARY DRINKING WATER STANDARDS FOR COLIFORM BACTERIA (ABSENT FOR COLIFORM BACTERIA) HAVE BEEN OBTAINED AND REPORTED TO NDEP'S BUREAU OF SAFE DRINKING WATER. SAMPLING SHALL BE IN ACCORDANCE WITH NDEP REGULATIONS.
- PVC PIPE SHALL BE TESTED PER AWWA C605 AND DUCTILE IRON PIPE SHALL BE TESTED FOR AWWA C600. OTHER MATERIALS SHALL BE TESTED PER REQUIREMENTS IN THE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION SECTION 336.
- 38. CONTRACTOR SHALL CONDUCT PIPING TESTS BEFORE JOINTS ARE COVERED AND AFTER THRUST BLOCKS HAVE HARDENED SUFFICIENTLY. FILL PIPELINE 24 HOURS BEFORE TESTING AND APPLY TEST PRESSURE TO STABILIZE SYSTEM. USE ONLY POTABLE WATER. 39. CONTRACTOR SHALL PERFORM PLASTIC PIPE BALL AND MANDREL TEST
- ON NEWLY INSTALLED SEWER PIPE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. 40. CONTRACTOR SHALL PERFORM AIR PRESSURE TESTING ON NEWLY INSTALLED SEWER PIPE IN ACCORDANCE WITH THE STANDARD

SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTIONS.

GRADING, EXCAVATION & SURFACE IMPROVEMENTS

- 41. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING THEIR OWN QUANTITY TAKE-OFF AND SHALL BUDGET THE PROJECT ACCORDINGLY ALL EXCESS GRADING MATERIALS SHALL BE DISPOSED OF OFFSITE. 42. ALL EARTHWORK ACTIVITIES SHALL BE IN ACCORDANCE WITH THE
- PROJECT'S GEOTECHNICAL REPORT. 43. THE SOILS ENGINEER SHALL APPROVE ALL EARTHWORK AND GRADING
- TO CONFIRM COMPACTION REQUIREMENTS ARE MET. 44. CONTRACTOR SHALL PROTECT EXISTING PAVING, CONCRETE, LANDSCAPING, FENCING, MAILBOXES, SIGNS AND ANY OTHER IMPROVEMENTS NOT SPECIFICALLY CALLED OUT FOR REPLACEMENT. CONTRACTOR SHALL REPAIR/REPLACE ANYTHING DAMAGED BY FORCES UNDER THEIR EMPLOY OR CONTRACT.
- 45. ALL ASPHALT CONCRETE SURFACES SHALL BE SAWCUT THREE FEET MINIMUM INSIDE THE EDGE OF PAVEMENT TO A NEAT, STRAIGHT LINE AND 63. ANY FENCING ADMINISTERED BY NDOT WHICH IS USED TO CONTROL REMOVED. THE EXPOSED PAVEMENT TIE-IN EDGES SHALL BE METICULOUSLY CLEANED OF ALL LOOSE MATERIAL AND THEN TREATED WITH BITUMINOUS EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIALS SHALL BE GRADED AND RECOMPACTED PRIOR TO PAVING.

- 46. ALL CONSTRUCTION SHALL BE PERFORMED IN COMPLIANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES). CONTRACTOR IS RESPONSIBLE FOR ACQUIRING AND MAINTAINING A
- THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF EROSION AND SILTATION FROM ENTERING THE STORM DRAIN SYSTEM, NATURAL DRAINAGE COURSES, AND/OR INTRUDING UPON ADJACENT ROADWAYS AND PROPERTIES. EROSION CONTROL MEASURES SHOWN ON THESE PLANS ARE INTENDED AS A GUIDE. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED IN THE FIELD. THIS RESPONSIBILITY SHALL APPLY THROUGHOUT THE COURSE OF CONSTRUCTION AND UNTIL ALL DISTURBED AREAS HAVE BECOME STABILIZED AND SHALL NOT BE LIMITED TO WET WEATHER PERIODS. THE CONTRACTOR IS RESPONSIBLE FOR SWPPP UPDATES.
- 48. THE CONTRACTOR SHALL MAINTAIN AN ON-GOING DUST CONTROL PROGRAM INCLUDING WATERING OF OPEN AREAS, TO CONFORM WITH THE LATEST FEDERAL. STATE. AND COUNTY AIR POLLUTION REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND UPDATING DUST CONTROL PERMITS FOR THE PROJECT.
- 49. ALL AREAS DISTURBED AND LEFT UNDEVELOPED FOR A PERIOD OF MORE THAN 30 DAYS SHALL BE STABILIZED BY THE APPLICATION OF AN APPROVED DUST PALLIATIVE OR HYDROMULCH.
- 50. THE CONTRACTOR SHALL IDENTIFY A STANDBY CREW FOR EMERGENCY WORK AND THEY SHALL BE AVAILABLE AT ALL TIMES. MATERIAL NECESSARY TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR DAMAGED EROSION CONTROL MEASURES SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT APPROVED LOCATIONS.
- PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS SHALL BE USED TO PROTECT ADJOINING PROPERTIES DURING CONSTRUCTION OF IMPROVEMENTS. 52. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM
- CHECK BERMS AND DESILTING FACILITIES. GRADED SLOPE SURFACE PROTECTION MEASURES DAMAGED DURING THE RAINSTORM SHALL ALSO
- 53. FILL SLOPES AT THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE TOP OF THE SLOPE AT THE END OF EACH WORKING DAY ALL DISTURBED AREAS ARE REQUIRED TO HAVE A PALLIATIVE APPLIED
- COUNTY REGULATIONS. 55. A SIX-FOOT HIGH PERIMETER FENCE OR A 24-HOUR GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN A FACILITY

FOR DUST CONTROL. ALL GRADING SHALL COMPLY WITH STATE AND

- EXCEEDS 18".
- 56. ALL AREAS DISTURBED BECAUSE OF THE WORK SHALL BE REVEGETATED IN ACCORDANCE WITH INDUSTRY BEST MANAGEMENT PRACTICES.
- 57. NO CONSTRUCTION MATERIALS SHALL BE STORED IN A STREAM
- ENVIRONMENT ZONES (SEZ) AT ANY TIME. 58. IF GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL STOP
- WORK IMMEDIATELY, PREPARE A DEWATERING PLAN, AND OBTAIN APPROVAL FROM THE PROJECT ENGINEER BEFORE PROCEEDING WITH WORK. DEWATERING ACTIVITIES MAY REQUIRE THE CONTRACTOR TO OBTAIN A DISCHARGE/PUMPING PERMIT FROM THE STATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN SUCH PERMITS. 59. ALL STREETS SHALL BE MAINTAINED FREE OF DUST AND MUD CAUSED BY

GRADING OPERATIONS. NDOT REQUIRED NOTES

60. ALL VEGETATION/STRUCTURE REMOVAL SHALL BE CONDUCTED TO AVOID IMPACTS TO LISTED MIGRATORY BIRDS (50 CFR 10.13), WHICH ARE PROTECTED IN NEVADA BY NAC 503.050, THAT MAY BE ACTIVELY UTILIZING VEGETATION/STRUCTURES FOR NESTING. WHEN POSSIBLE VEGETATION/STRUCTURE REMOVAL SHOULD NOT OCCUR DURING AVIAN BREEDING SEASON (GENERALLY MARCH 1 THROUGH JULY 31 FOR NORTHERN NEVADA). RAPTORS AND OWLS MAY BEGIN NESTING AS EARLY AS JANUARY. IF VEGETATION/STRUCTURE REMOVAL SHALL OCCUR

DURING AVIAN BREEDING SEASON, NESTING SURVEYS SHALL BE CONDUCTED BY A BIOLOGIST WITH EXPERIENCE IN BIRD IDENTIFICATION. GENERAL NESTING BEHAVIOR, NEST AND EGG IDENTIFICATION, AND KNOWLEDGE OF HABITAT REQUIREMENTS FOR MIGRATORY BIRDS. THE SURVEY SHALL BE CONDUCTED A MAXIMUM OF 7 DAYS PRIOR TO LAND DISTURBANCE. SUBMIT A COPY OF THE BIOLOGIST'S SURVEY REPORT AND THE BIOLOGIST'S CURRICULUM VITAE TO THE NDOT ENGINEER, WHO WILL PROVIDE TO THE NDOT ENVIRONMENTAL SERVICES DIVISION FOR REVIEW. IF NESTING SITES ARE FOUND WITHIN THE PROJECT LIMITS, NDOT ENVIRONMENTAL SERVICES DIVISION MUST BE CONTACTED THROUGH THE NDOT ENGINEER TO DETERMINE A SUITABLE BUFFER AREA AROUND THE NEST SITE. THE BUFFER AREA AROUND THE NEST SITE WILL BE FLAGGED AS AN AVOIDANCE AREA. DISTURBANCE SHALL NOT OCCUR WITHIN THE FLAGGED AVOIDANCE AREA WHILE THE NEST IS OCCUPIED. BIRD NESTS CONTAINING EGGS AND/OR YOUNG SHALL NOT BE DISTURBED UNTIL AFTER THE YOUNG HAVE LEFT THE NEST, INCLUDING SWALLOWS NESTING ON STRUCTURES, AND BATS USING STRUCTURES FOR ROOSTING. THE CONTRACTOR MAY TAKE PREVENTATIVE MEASURES PRIOR TO AVIAN BREEDING SEASON TO ENSURE THAT BIRDS DO NOT CREATE NESTS ON STRUCTURES. BE RESPONSIBLE FOR PROJECT DELAYS ENSUING FROM A FAILURE TO TAKE INTO ACCOUNT BIRD NESTING SEASON AND/OR SAFEGUARD STRUCTURES FROM BIRD NEST CONSTRUCTION. APPROVAL SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF ANY CONTRACT-RELATED ACTIVITY RESULTING IN THE DISTURBANCE OR REMOVAL OF UNOCCUPIED NESTS. DO NOT COMMENCE VEGETATION/STRUCTURE REMOVAL UNTIL WRITTEN APPROVAL IS OBTAINED.

- 61. IF BATS ARE IDENTIFIED ROOSTING WITHIN THE CONSTRUCTION AREA, CONTACT THE NEVADA DEPARTMENT OF WILDLIFE (NDOW) FOR PROPER GUIDANCE. AN AVOIDANCE AREA WITH A 100' RADIUS MUST BE MAINTAINED UNTIL FORMAL GUIDANCE IS RECEIVED. FOR INFORMATION ON HOW TO CONTACT NDOW GO TO: HTTP://WWW.NDOW.ORG/OUR AGENCY/CONTACT US/
- 62. DEVELOP AND FOLLOW A NOXIOUS WEED MANAGEMENT PLAN TO PREVENT THE ESTABLISHMENT AND SPREAD OF NEVADA STATE LISTED NOXIOUS WEEDS PER NRS 555 (AVAILABLE AT HTTP://AGRI.NV.GOV/PLANT/NOXIOUS WEEDS/NOXIOUS WEEDS HOME/). SUBMIT A COPY OF THE NOXIOUS WEED MANAGEMENT PLAN TO THE

NDOT ENVIRONMENTAL SERVICES DIVISION, THROUGH THE NDOT ENGINEER, FOR REVIEW AND SUBSEQUENT APPROVAL AT THE PRE-CONSTRUCTION CONFERENCE. THE MANAGEMENT PLAN SHALL INCLUDE A PHYSICAL SURVEY OF NOXIOUS WEEDS, MAPPING OF EXISTING NOXIOUS WEED POPULATIONS, APPROPRIATE ERADICATION/CONTROL METHODS BASED ON WEED TYPE, LOCATION APPLICATOR CERTIFICATION, MONITORING, AND RETREATMENT AS NECESSARY. INCLUDE METHODS FOR KEEPING EQUIPMENT, PERSONNEL STAGING AREAS, CONSTRUCTION AND EXCAVATION SITES, AND ROADWAYS CLEAR OF NOXIOUS WEED PLANTS AND SEEDS. THE PLAN SHALL ALSO ADDRESS THE TREATMENT OF WEEDS IN TOPSOIL SALVAGE MATERIAL.EQUIPMENT LEAVING NOXIOUS WEED INFESTED AREAS SHALL BE CLEANED PRIOR TO MOVING TO AREAS FREE FROM NOXIOUS WEEDS. EQUIPMENT COMING INTO OR LEAVING THE PROJECT AREA SHALL BE CLEANED AND THE CLEANING AREA KEPT CLEAR OF PLANT MATERIAL AND CONTAMINATED DIRT TO PREVENT WEED SPREAD. THE CLEANING METHOD SHALL BE AS APPROVED.

- ACCESS TO THE HIGHWAY OR INTERSTATE MUST BE PERPETUATED. IF LIVESTOCK OR 8' WILDLIFE FENCING IS TO BE BREACHED, MAINTAIN THE FUNCTIONALITY OF THE FENCE TO PREVENT LIVESTOCK OR WILDLIFE FROM ENTERING NDOT'S RIGHT-OF-WAY AND BECOMING A SAFETY HAZARD. ALL STAGING AREAS MUST BE AT LEAST 100' AWAY FROM THE TERMINUS OF A LIVESTOCK OR 8' WILDLIFE FENCE AS WELL AS ANY ESCAPE FEATURES SUCH AS 1-WAY GATES OR ESCAPE RAMPS.
- 64. THE PROJECT AREA HAS BEEN SCREENED BY NDOT FOR THE POTENTIAL TO CONTAIN NATURALLY OCCURRING ASBESTOS (NOA) AND ERIONITE. BASED ON NDOT SCREENING. THERE IS POTENTIAL THESE MINERALS MAY BE PRESENT AT THE SITE. THE RESPONSIBLE PARTY SHALL EVALUATE THE SOIL AND ROCK THAT MAY BE DISTURBED FOR THE POTENTIAL OF CONTAINING NOA OR ERIONITE. THIS CAN BE DONE BY LOOKING AT THE GEOLOGY AND/OR SAMPLING AND ANALYZING THE EARTHEN MATERIAL ONCE THE POTENTIAL FOR NOA AND ERIONITE HAVE BEEN DETERMINED. THE PARTY IS RESPONSIBLE FOR DETERMINING THE PROCEDURES NECESSARY TO REDUCE EXPOSURE TO THEIR EMPLOYEES AND THE GENERAL PUBLIC TO NOA OR ERIONITE FIBERS. AT A MINIMUM, DUST CONTROL MEASURES SHOULD INCLUDE NO VISUAL DUST EVIDENT ON OR LEAVING THE PROJECT SITE. BASED UPON THE LENGTH OF THE PROJECT AND THE CONCENTRATION OF THE NOA AND ERIONITE DETECTED IN SOIL OR ROCK, THE PARTY MAY EMPLOY OTHER PROCEDURES TO PROTECT WORKERS AND THE GENERAL PUBLIC. THESE COULD INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: CONTROL OF ACCESS, CLEANING OF EQUIPMENT BEFORE IT LEAVES THE SITE, USE OF PERSONAL PROTECTIVE EQUIPMENT, MONITORING OF PERSONNEL FOR EXPOSURE, AND MONITORING AMBIENT AIR. THE PARTY IS RESPONSIBLE FOR THE HEALTH AND SAFETY OF THEIR EMPLOYEES AS IT RELATES TO NOA AND

ASBESTOS CEMENT PIPE

BOTTOM OF FOOTING

BEGIN VERTICAL CURVE

CUBIC FEET PER SECOND

CORRUGATED METAL PIPE

END CURVE (HORIZONTAL)

FLANGE COUPLING ADAPTER

END VERTICAL CURVE

FINISH ELEVATION

FINISH FLOOR

FINISH GRADE

FIRE HYDRANT

FEET PER SECOND

FLOW LINE

FLANGE

FOOTING

FLARED END SECTION

FRONT FACE OF CURB

BUTTERFLY VALVE

CURB AND GUTTER

CLASS / CENTER LINE

BEGIN CURVE (HORIZONTAL)

AGGREGATE

BACK OF WALK

BACK OF WALK

CATCH BASIN

CUBIC FEET

CENTER LINE

COMPACTION

CONTRACTOR

CONCRETE PAD

CABLE TELEVISION

CONCRETE

DROP INLET

DIAMETER

DRIVEWAY

EAST

ELBOW

ELECTRICAL

ELEVATION

EXISTING

EXTERIOR

ERIONITE.

AGG

BOW

BVC

C&G

COMP

CONC

CP

CTV

DWY

ELEC

ELEV

EVC

EXT

FCA

FES

FTG

EX, (E)

CONTR

BW

ABBREVIATIONS ASPHALT CONCRETE GALVANIZED

GALV GB GDW GD GV H HGRIZ HP ID IE INT IRR LAT LF LT MAX MDD MH MIN MJ MMD MUTCD N NAP NTS OC OH (P) CC PG PI POC PC	GALVANIZED GRADE BREAK GRAVEL DRIVEWAY GROUND GATE VALVE HANDICAPPED HYDRAULIC GRADE LIN HORIZONTAL HIGH POINT INSIDE DIAMETER INVERT ELEVATION INTERSECTION IRRIGATION LATERAL LINEAR FEET LOW POINT LEFT MAXIMUM MAXIMUM DRY DENSIT MANHOLE MINIMUM MECHANICAL JOINT MAXIMUM MARSHALL I MANUAL FOR TRAFFIC NORTH NOT A PART NOT IN PROJECT NOT TO SCALE ON CENTER OUTSIDE DIAMETER OVERHEAD PROPOSED PORTLAND CEMENT CO PAD GRADE POINT OF INTERSECTION POINT OF INTERSECTION POINT OF INTERSECTION POINT OF TANGENCY POWER POLE POINT OF REVERSE CO POINT OF REVERSE CO POLYVINYL CHLORIDE
PVC PVMT	POLYVINYL CHLORIDE PAVEMENT
Q 5	
Q 5 Q 100	5 YEAR PEAK FLOW 100 YEAR PEAK FLOW
Q 100	100 YEAR PEAK FLOW

RET GROUND **GATE VALVE** HANDICAPPED HYDRAULIC GRADE LINE R/W, ROW **HORIZONTAL** HIGH POINT **INSIDE DIAMETER** INVERT ELEVATION SDMH INTERSECTION IRRIGATION LATERAL SSCO LINEAR FEET **SSMH LOW POINT** LEFT STA MAXIMUM MAXIMUM DRY DENSITY MANHOLE TELE **MINIMUM** TBO MECHANICAL JOINT TC MAXIMUM MARSHALL DENSITY MANUAL FOR TRAFFIC CONTROL DEVICES TOB NORTH **NOT A PART** NOT IN PROJECT TS NOT TO SCALE **TSCB** ON CENTER TR OUTSIDE DIAMETER **TRANS** OVERHEAD TYP **PROPOSED** UG/P PORTLAND CEMENT CONCRETE UNO PAD GRADE POINT OF INTERSECTION POINT OF INTERSECTION VERTICAL CURVE VEL PROPERTY LINE

POINT OF COMPOUND CURVATURE

POINT OF REVERSE VERTICAL CURVE

POINT OF REVERSE CURVE

STORM DRAIN MANHOLE STREET LIGHT SSPWC TF. TOF TW, TOW VERT VG W/G WM

WWF

VERTICAL CROSSING CONFLICTS:

> USE OF A "SLEEVE" IS AN ACCEPTABLE ALTERNATIVE TO CENTERING THE WATER AND SEWER AT THE POINT OF CROSSING. "SLEEVE" MEANS ENCASING THE WATER OR SEWER WITH A 20' LENGTH OF AWWA C900 CLASS 100 OR GREATER WATER QUALITY PIPE, CENTERED AT THE POINT

OF WATER/SEWER CROSSING. TO AVOID BEING GROUTED IN PLACE, THE WATER MAIN INSIDE THE SLEEVE MUST HAVE A DIAMETER EQUAL TO

> "RESTRAIN" MEANS USING MECHANICAL COUPLINGS TO RESTRICT JOINT MOVEMENT OR SEPARATION OF PIPE JOINTS WITHIN 10' EACH SIDE OF

> "SPECIAL CONSTRUCTION" IDENTIFIES ACCEPTABLE MITIGATION OR PROTECTION THAT ADDRESSES PHYSICALLY CONSTRAINED ENVIRONMENTS

> AREAS OF "SPECIAL CONSTRUCTION" ARE TO BE IDENTIFIED ON THE PLANS IN PLAN VIEW USING CROSS-HATCHING AND IN PROFILE VIEW USING

> AT THE DISCRETION OF NDEP, PUBLIC WATER SYSTEM IMPROVEMENT PROJECTS WITH EXCESSIVE USE OF "SPECIAL CONSTRUCTION" MAY BE

> EVERY EFFORT IS TO BE MADE TO KEEP WATER MAIN OR WATER LATERAL 18" ABOVE SEWER MAIN AND WATER MAIN 12" ABOVE SEWER

USE AWWA C900 WATER QUALITY PIPE, GREEN STRIPED, FOR SEWER MAIN MANHOLE TO MANHOLE AND CENTER SEWER MAIN AT CROSSING

POLYETHYLENE WRAP AND CONCRETE ENCASE SEWER MAIN JOINTS WITHIN 10' EACH SIDE OF THE POINT OF CROSSING AND SLEEVE

POLYETHYLENE WRAP AND CONCRETE ENCASE SEWER FORCE MAIN JOINTS WITHIN 10' EACH SIDE OF THE POINT OF CROSSING (UNLESS

POLYETHYLENE WRAP AND CONCRETE ENCASE RCP STORM DRAIN JOINTS WITHIN 10' EACH SIDE OF THE POINT OF CROSSING AND SLEEVE

GREATER THAN OR EQUAL TO 24" DIAMETER RCP/RCB STORM DRAIN ABOVE WATER MAIN. OR GREATER THAN OR EQUAL TO 24" DIAMETER RCP/RCB

POLYETHYLENE WRAP AND CONCRETE ENCASE RCP/RCB STORM DRAIN JOINTS WITHIN 10' EACH SIDE OF THE POINT OF CROSSING AND

USE INTERNAL JOINT SEALANTS OR JOINT GASKETS ON RCP/RCB STORM DRAIN AND SLEEVE WATER MAIN OR CENTER & RESTRAIN WATER

USE EXTERNAL JOINT SEALANTS FOR RCP/RCB STORM DRAIN DIAMETERS FROM 24"-168" AND SLEEVE WATER MAIN OR CENTER & RESTRAIN

USE PE TUBING CONFORMING TO AWWA STANDARD C901-02 AND ASTM D2737 FOR WATER LATERAL AND SLEEVE OR CENTER SEWER MAIN

USE PE TUBING CONFORMING TO AWWA STANDARD C901-02 AND ASTM D2737 FOR WATER LATERAL AND SLEEVE OR CENTER RECLAIMED

• USE PE TUBING CONFORMING TO AWWA STANDARD C901-02 AND ASTM D2737 FOR RECLAIMED WASTEWATER LATERAL AND SLEEVE WATER

REF

RECLAIMED WASTEWATER MAIN ABOVE WATER LATERAL, OR RECLAIMED WASTEWATER MAIN BELOW WATER LATERAL BY LESS THAN 12":

RECLAIMED WASTEWATER LATERAL ABOVE WATER MAIN, OR RECLAIMED WASTEWATER LATERAL BELOW WATER MAIN BY LESS THAN 12":

LESS THAN 24" DIAMETER RCP STORM DRAIN ABOVE WATER MAIN, OR LESS THAN 24" DIAMETER RCP STORM DRAIN BELOW WATER MAIN BY LESS

USE EXTERNAL JOINT SEALANTS FOR RCP STORM DRAIN DIAMETERS FROM 16"-21" AND SLEEVE WATER MAIN OR CENTER & RESTRAIN

> "SEWER" INCLUDES SANITARY SEWER MAINS AND LATERALS, STORM DRAINS AND RECLAIMED WASTEWATER MAINS AND LATERALS

WHERE THE REQUIREMENTS OF NAC 445A.6715 THROUGH 445A.67175 INCLUSIVE CANNOT BE MET.

REQUIRED TO SEWER WITH C900 WATER QUALITY PIPE, GREEN STRIPED, MANHOLE TO MANHOLE,

SLEEVE OR CENTER SEWER MAIN AND SLEEVE WATER MAIN OR CENTER & RESTRAIN WATER MAIN

SEWER MAIN ABOVE EXISTING WATER MAIN, OR SEWER MAIN BELOW EXISTING WATER MAIN BY LESS THAN 18":

EXISTING SEWER MAIN ABOVE WATER MAIN, OR EXISTING SEWER MAIN BELOW WATER MAIN BY LESS THAN 18":

PVC STORM DRAIN ABOVE WATER MAIN, OR PVC STORM DRAIN BELOW WATER MAIN BY LESS THAN 18":

SEWER LATERAL ABOVE WATER MAIN, OR SEWER LATERAL BELOW WATER MAIN BY LESS THAN 12":

SEWER MAIN ABOVE WATER LATERAL, OR SEWER MAIN BELOW WATER LATERAL BY LESS THAN 18":

SLEEVE OR CENTER PVC STORM DRAIN AND SLEEVE WATER MAIN OR CENTER & RESTRAIN WATER MAIN

SLEEVE WATER MAIN OR CENTER & RESTRAIN WATER MAIN AND SLEEVE OR CENTER SEWER LATERAL

SEWER LATERAL ABOVE EXISTING WATER MAIN. OR SEWER LATERAL BELOW EXISTING WATER MAIN BY LESS THAN 12":

SLEEVE OR CENTER SEWER LATERAL AT CROSSING AND RESTRAIN ANY EXPOSED WATER MAIN JOINTS

EXISTING SEWER FORCE MAIN ABOVE WATER MAIN, OR EXISTING SEWER FORCE MAIN BELOW WATER MAIN BY LESS THAN 18":

WELDED HDPE THEN NOT NECESSARY) AND SLEEVE WATER MAIN OR CENTER & RESTRAIN WATER MAIN

"CONCRETE ENCASEMENT" OF THE WATER AS MITIGATION OR PROTECTION IS DISCOURAGED

LATERAL. OTHERWISE, THE FOLLOWING SPECIAL CONSTRUCTION METHODS APPLY:

SEWER MAIN ABOVE WATER MAIN, OR SEWER MAIN BELOW WATER MAIN BY LESS THAN 18'

OR GREATER THAN 2/3 THE DIAMETER OF THE SLEEVE.

CROSS-HATCHING AND BY REFERENCING A STANDARD DETAIL

AND RESTRAIN ANY EXPOSED WATER MAIN JOINTS

WATER MAIN OR CENTER & RESTRAIN WATER MAIN

WATER MAIN OR CENTER & RESTRAIN WATER MAIN

SLEEVE WATER MAIN OR CENTER & RESTRAIN WATER MAIN

STORM DRAIN BELOW WATER MAIN BY LESS THAN 18".

MAIN OR CENTER & RESTRAIN WATER MAIN

> VERTICAL SEPARATION IN ALL CASES SHALL NOT BE LESS THAN 6-INCHES

THE POINT OF CROSSING

SANITARY SEWER SANITARY SEWER CLEAN OUT SANITARY SEWER MANHOLE STATION SIDEWALK TELEPHONE TO GRADE TOP OF RAIL TRANSITION TYPICAL VELOCITY VERTICAL WEST WATER LINE

STANDARD SPEC. FOR PUBLIC WORKS CONSTRUCTION TEMPORARY BLOW OFF VALVE TOP OF CURB TOP OF BERM TOP OF FOOTING TOP OF WALL TRAFFIC SIGNAL TRAFFIC CONTROL SIGNAL BOX UNDER GROUND POWER UNLESS NOTED OTHERWISE **VELOCITY AT 5 YEAR PEAK** VERTICAL CURVE VALLEY GUTTER WATER AND GAS WATER METER WATER SURFACE WATER VALVE WELDED WIRE FABRIC

REINFORCED CONCRETE PIPE

REFERENCE

CURB RETURN

RADIUS POINT

RIGHT-OF-WAY

STORM DRAIN

RIGHT

SLOPE

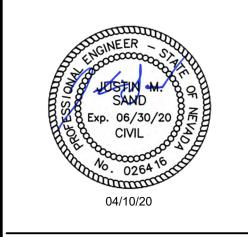
SOUTH

Know what's below. Call before you dig. 9222 PROTOTYPE DRIVE

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LEGEND

EXISTING PROPOSED _ _ _ -4174- _ _ _ CONTOUR LINE + 4163.1 + 4163.1 GROUND ELEVATION EDGE OF PAVEMENT AC PAVING TO BE REMOVED

ELECTRIC PANEL

ELECTRIC CABINET

ELECTRIC BOX

ELECTRIC METER

ELECTRIC GENERATOR

ELECTRIC MANHOLE

AIR CONDITIONER

ELECTRIC OUTLET

BOLLARD

STORM DRAIN MANHOLE

CATCH BASIN

WATER VALVE

IRRIGATION CONTROL VALVE

WATER METER

WATER SPIGOT / HOSE BIB

WATER MANHOLE

WATER VAULT

GAS VALVE

GAS METER

FIRE HYDRANT

TELEPHONE MANHOLE

TELEPHONE BOX

TELEPHONE VAULT

SEWER MANHOLE

SEWER CLEANOUT

SURVEY MONUMENT

CONTROL POINT

BARRICADE

SIGN

RETAINING WALL

FENCE

GRADE BREAK

FLOW LINE

SOIL TEST PIT

DETAIL CALLOUT

FOUND 5/8" REBAR AND CAP "PLS 14413" - UNLESS

SET 5/8" REBAR AND CAP "PLS 17616" - UNLESS

FOUND SECTION CORNER AS NOTED

OTHERWISE NOTED

OTHERWISE NOTED

AC 🖂

GV 🖂

GM □

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EP 🗆 EC 🗆 EB 🗆 AC 🛛

ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET

DRAWN BY: DESIGNED BY: CHECKED BY: JOB NO.:

9677.000

CURB & GUTTER CONCRETE φ UTILITY POLE LIGHT **GUY WIRE** ELECTRIC TRANSFORMER **ELECTRIC VAULT**

 \bigcirc

ΤV

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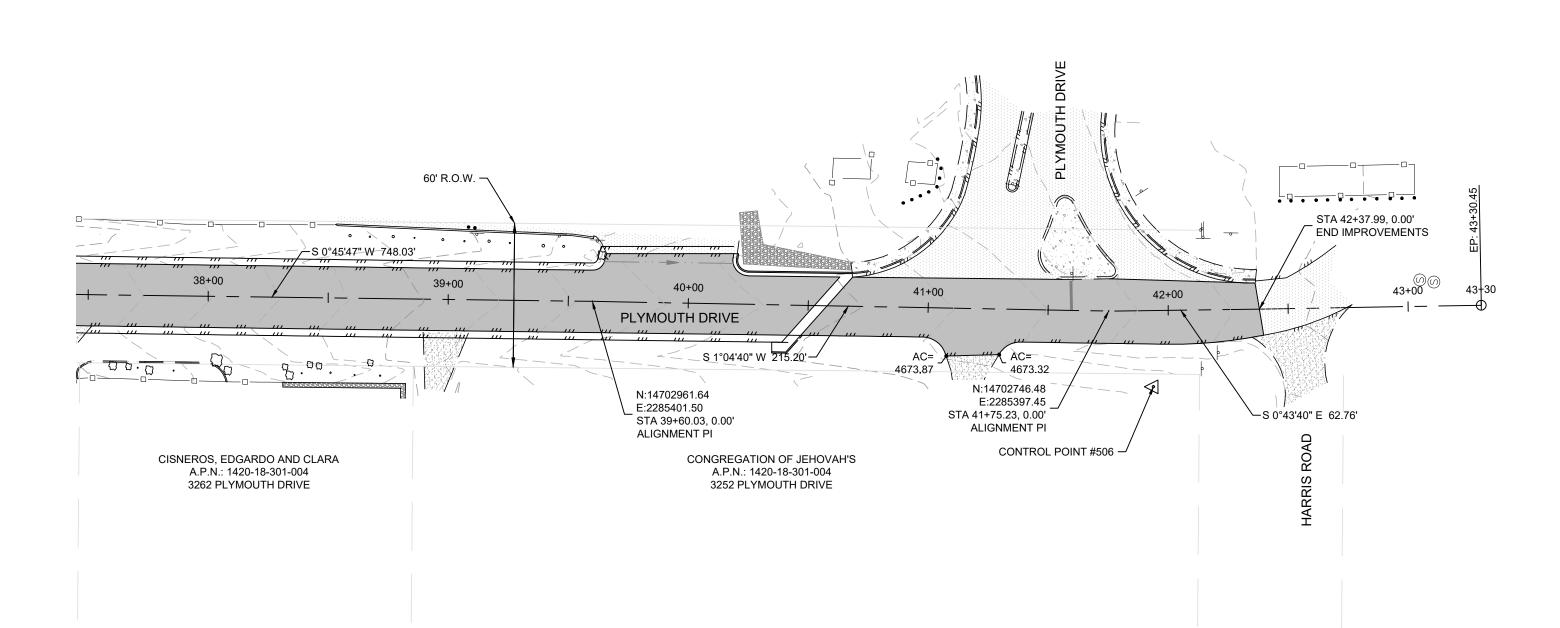
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—··—

ossco

BAR IS 1 INCH ON

ADJUST SCALES ACCORDINGLY



BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS NEVADA STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83(94) BASED UPON REAL TIME KINEMATIC GPS OBSERVATIONS, OBSERVED DECEMBER 10, 2018 USING A SURVEY GRADE DUAL FREQUENCY GPS RECEIVER FROM 158220X MODIFIED BY A COMBINED FACTOR OF 1.0002, SCALED FROM 0.00N, 0.00E AND CONVERTED TO U.S. SURVEY FEET. ALL DIMENSIONS ON THIS MAP ARE GROUND DISTANCES.

BASIS OF ELEVATIONS

DATUM: NAVD 88 PROJECT BENCHMARK = 501 HAVING AN ELEVATION OF 4767.08'

PROJECT CONTROL

POINT	NORTH	EAST	ELEVATION	DESCRIPTION
504	14704156.99	2285441.85	4738.47	SCRIBED X
505	14703394.42	2285433.39	4692.65	REBAR CAP LUMOS CONTROI
506	14702727.87	2285365.91	4673.65	REBAR CAP LUMOS CONTROL

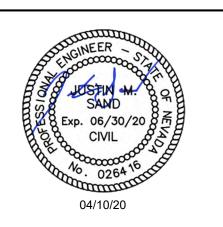




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UTH DRIVE RECONS

BID SET

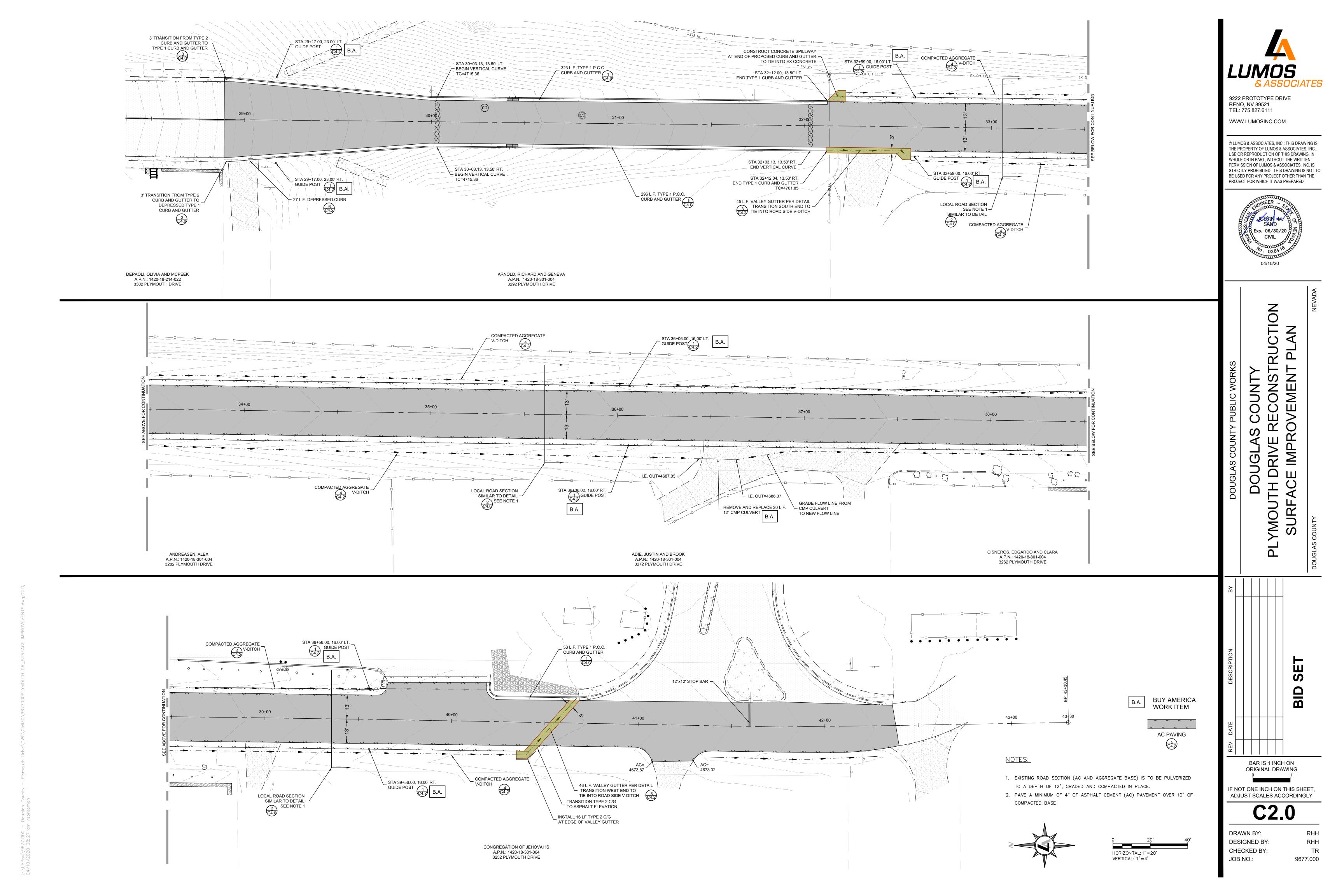
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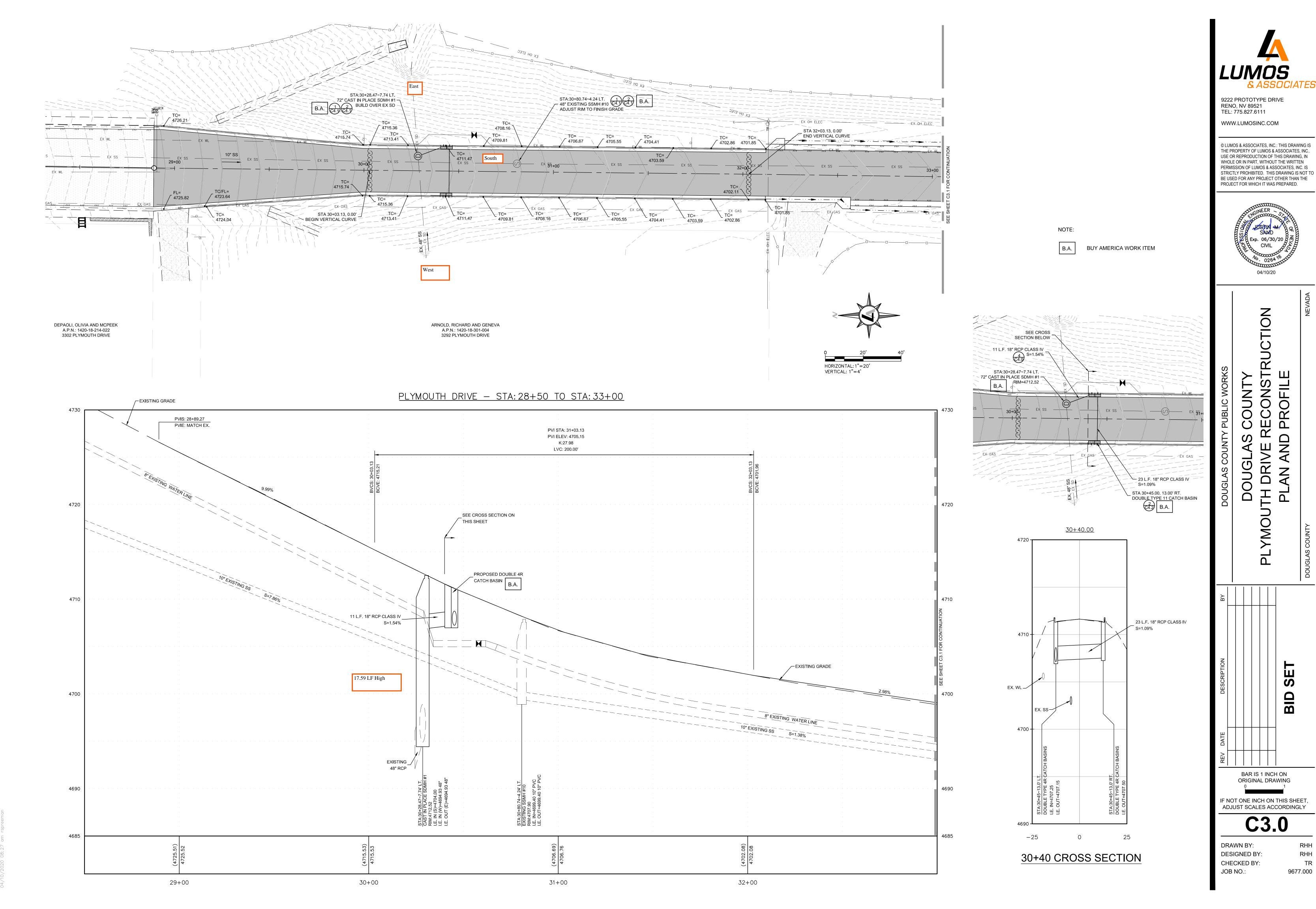
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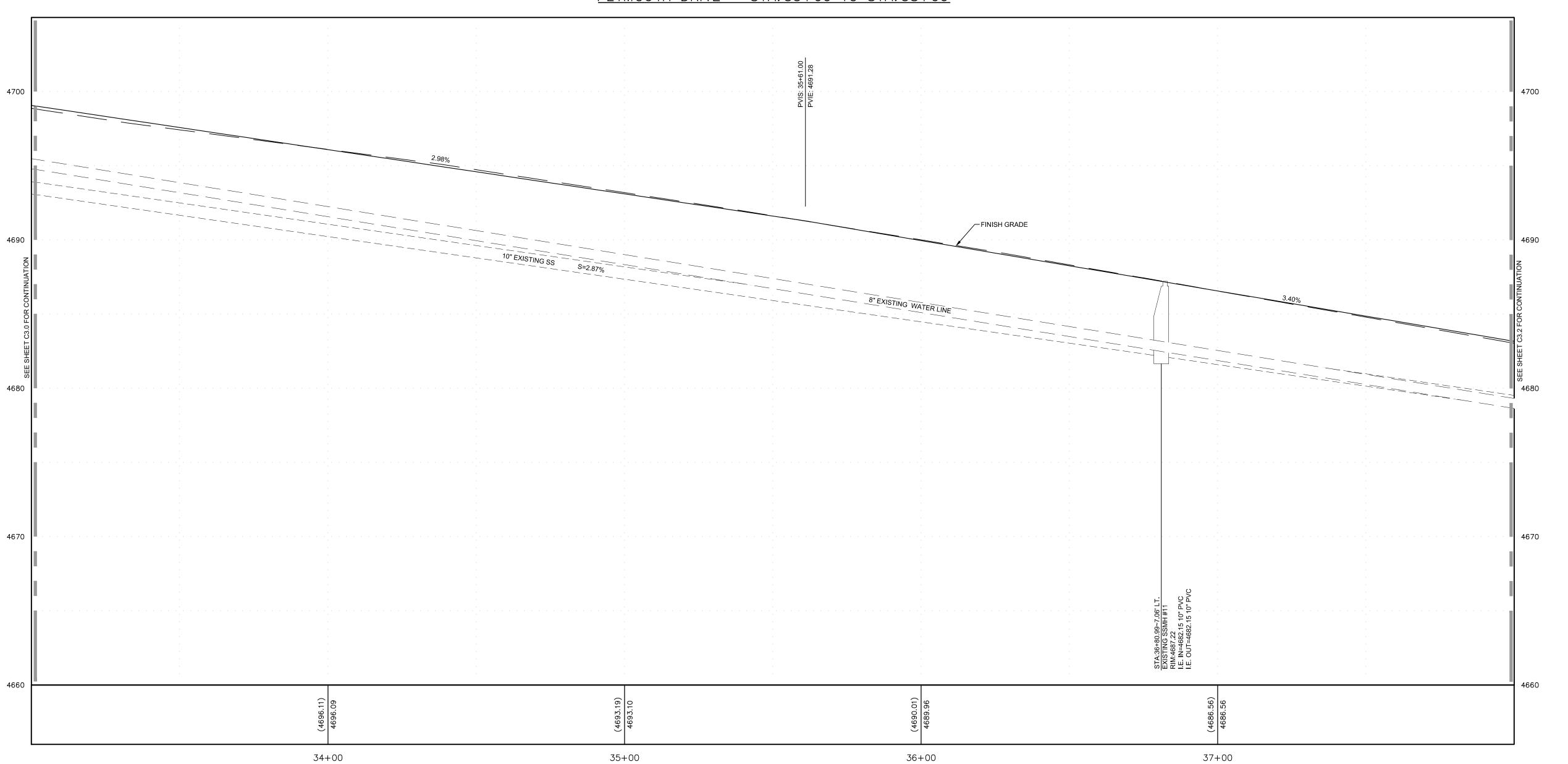
DRAWN BY:
DESIGNED BY:
CHECKED BY:
JOB NO.: 967

04/10/2020 08:27 am rspreeman





PLYMOUTH DRIVE - STA: 33+00 TO STA: 38+00

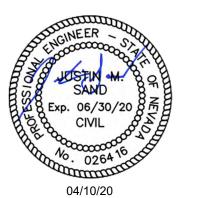




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DOUGLAS COUNTY PUBLIC WORKS

DOUGLAS COUNTY

YMOUTH DRIVE RECONSTRUCTI

PLAN AND PROFILE

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C3.

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DESIGNED BY: RHH
CHECKED BY: TR
JOB NO.: 9677.000

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LAS COUNTY VE RECONSTRUCTION AND PROFILE

S COUNTY PUBLIC WORKS

DOUGLAS C PLYMOUTH DRIVE RE PLAN AND P

BID SET

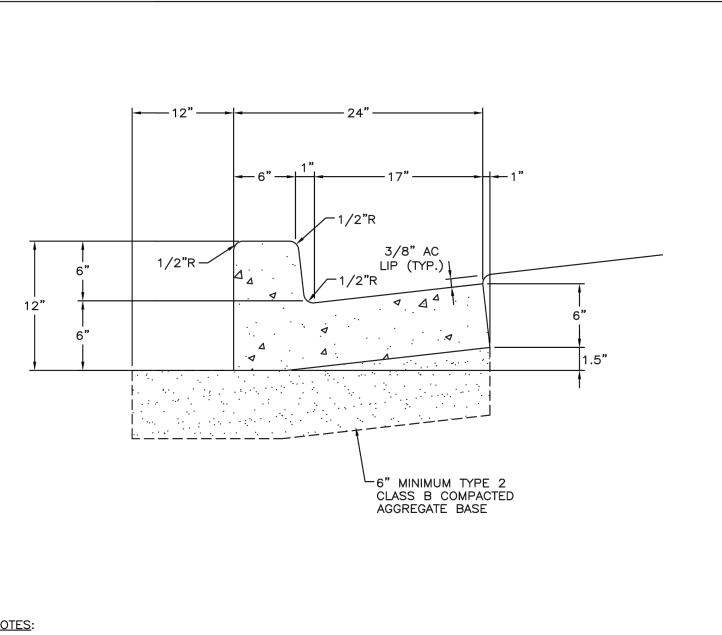
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CHECKED BY: TR
JOB NO.: 9677.000

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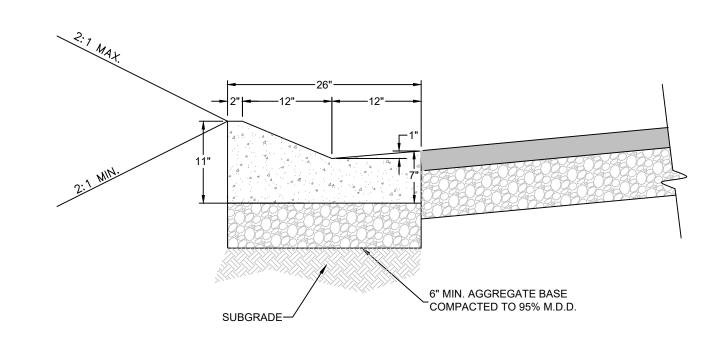


PORTLAND CEMENT CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR CONCRETE EXPOSED TO FREEZE-THAW ENVIRONMENTS.

- WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED EVERY 10 FEET. THE JOINTS SHALL BE CONSTRUCTED IN CONFORMANCE WITH SECTION 312 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. EXPANSION JOINTS SHALL BE CONSTRUCTED AT LOCATIONS DESIGNATED IN SECTION 312 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- TYPE 2, CLASS B AGGREGATE BASE SHALL CONFORM TO SECTION 200 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, AND SHALL BE MECHANICALLY COMPACTED IN CONFORMANCE WITH SECTION 308 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.



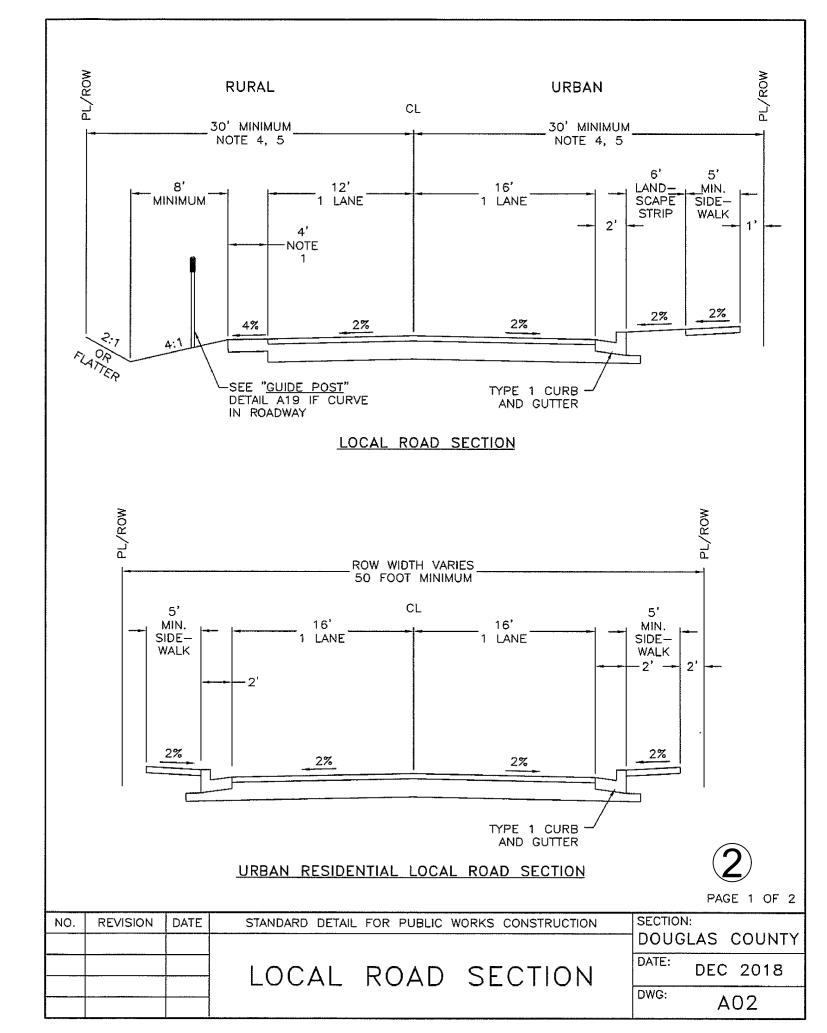
				17182 1 81 1
NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION:
				DOUGLAS COUNTY
			TYPE 1 PCC	DATE: JULY 2017
			CURB & GUTTER	DWG:
			001\B & 001121\	A05-A

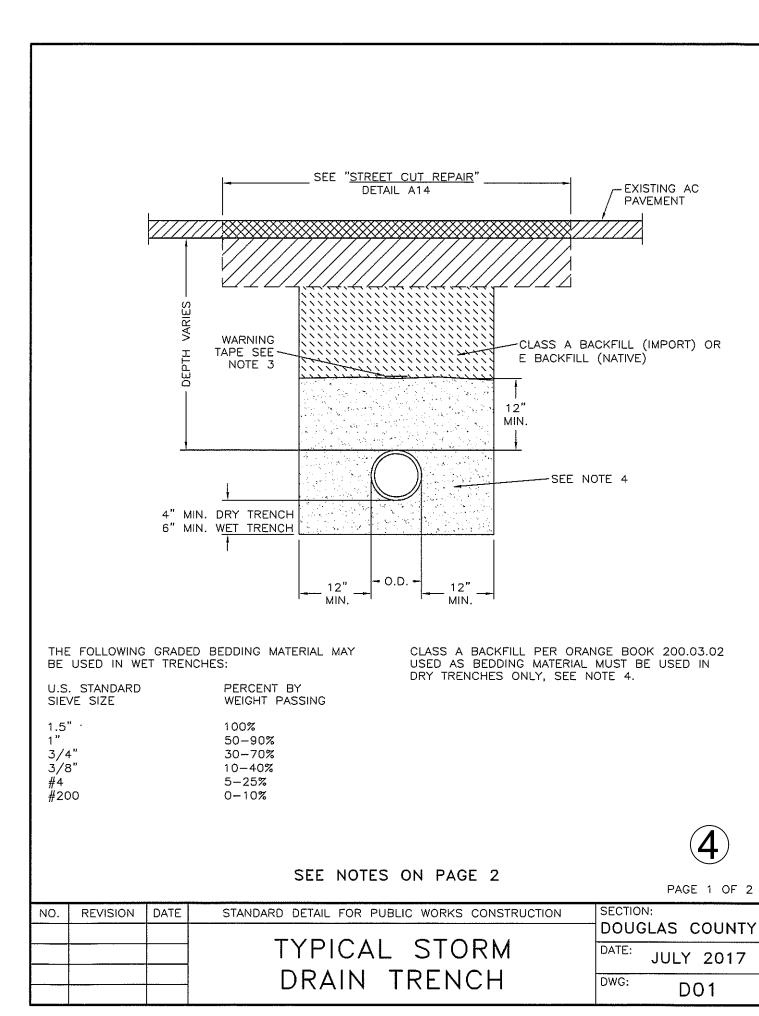


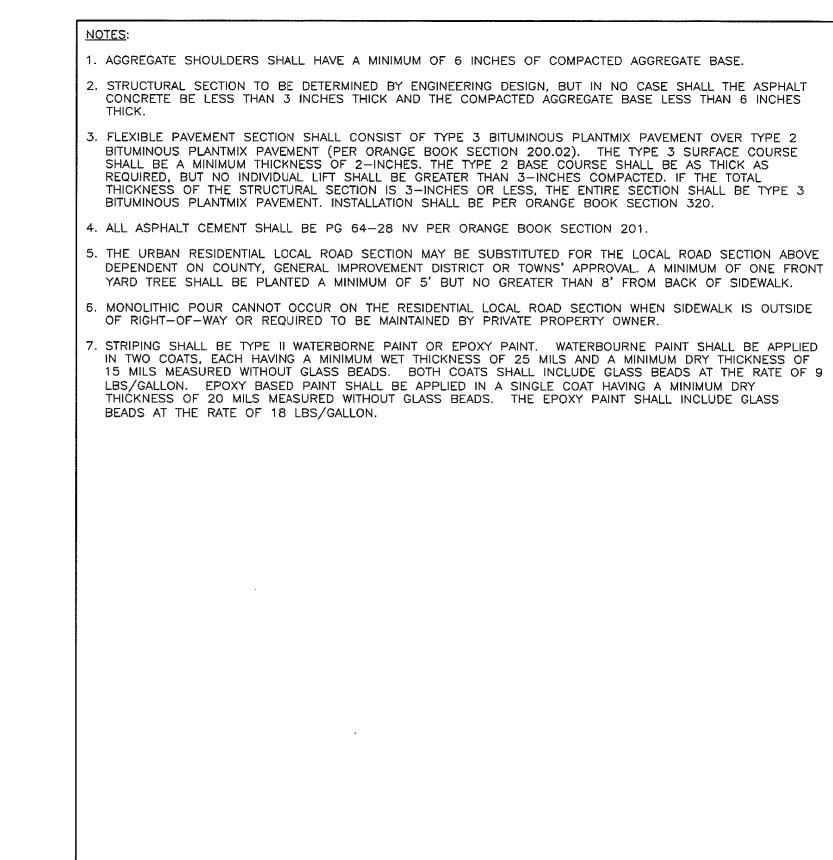
1. REFERENCE DETAIL 1 ON THIS SHEET FOR ADDITIONAL INFORMATION.

TYPE 2 P.C.C. CURB AND GUTTER N.T.S.









STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION

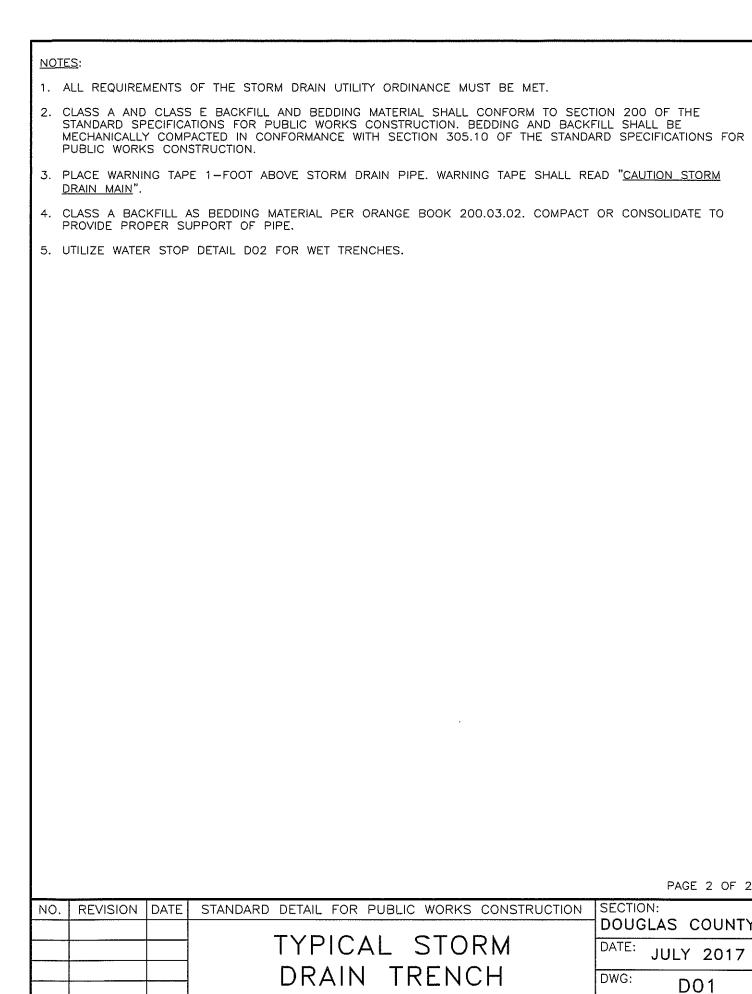
LOCAL ROAD SECTION

NO. | REVISION | DATE |

PAGE 2 OF 2

DEC 2018

DOUGLAS COUNTY

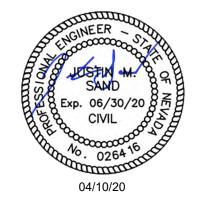




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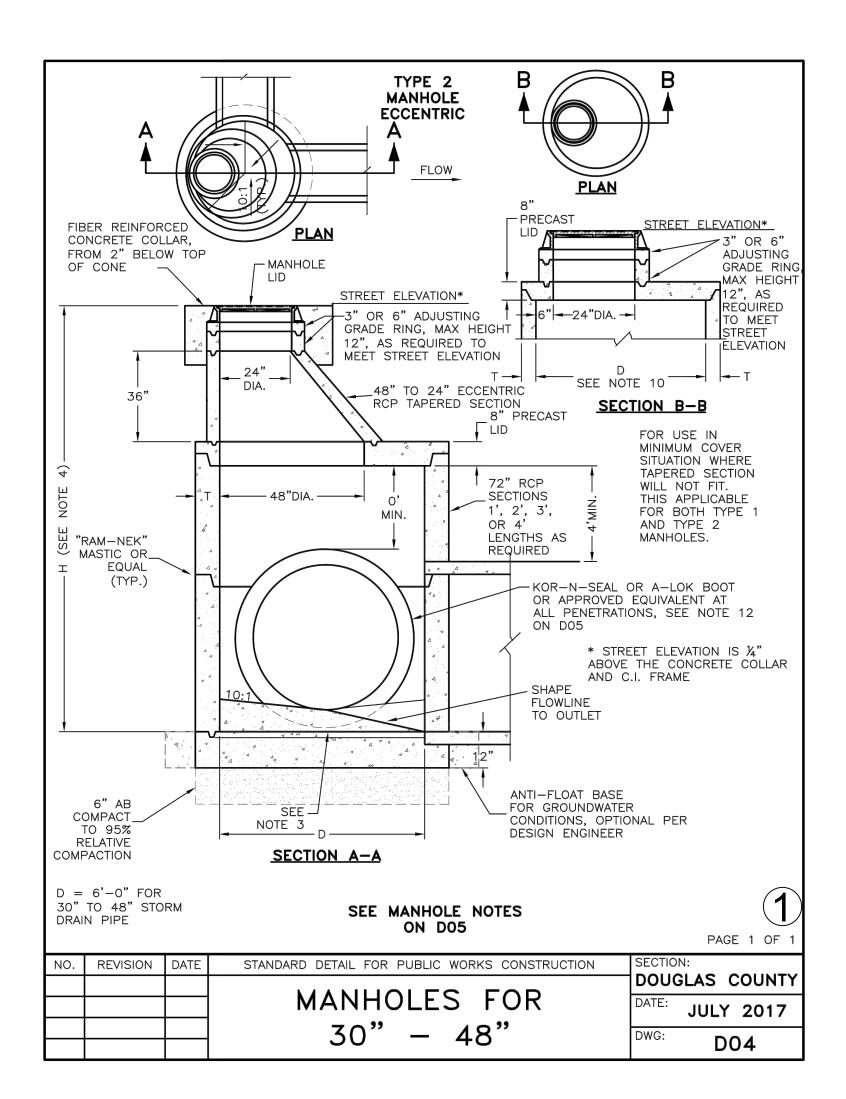
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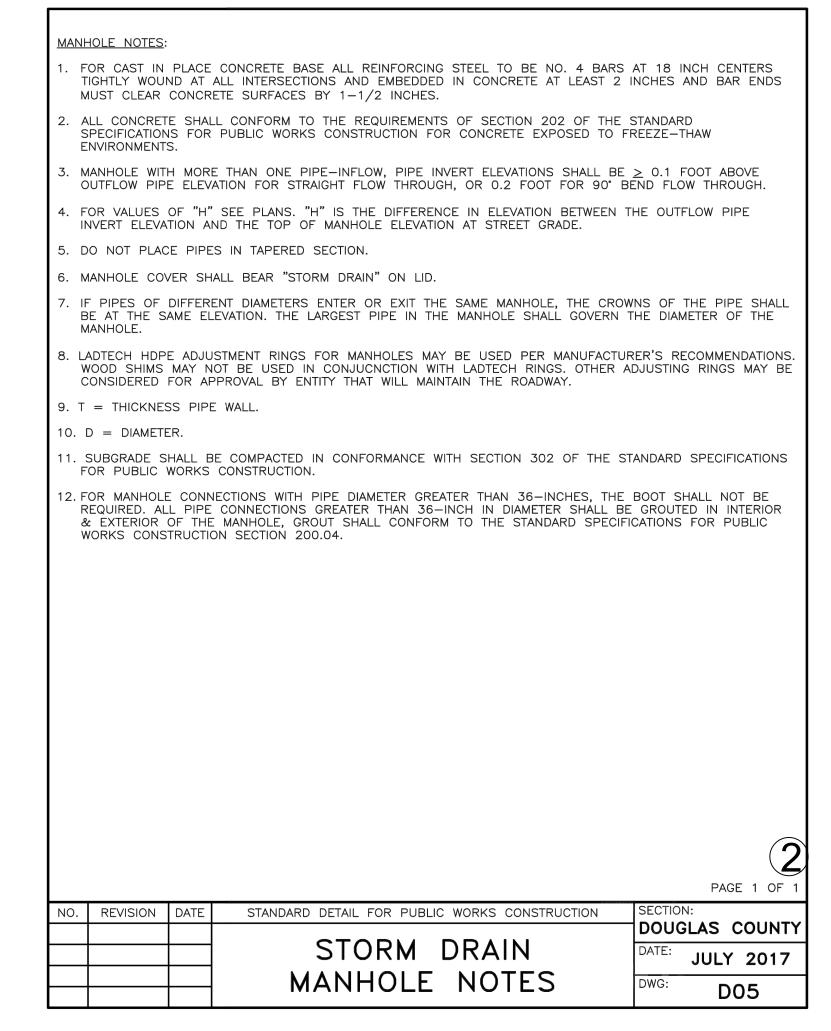
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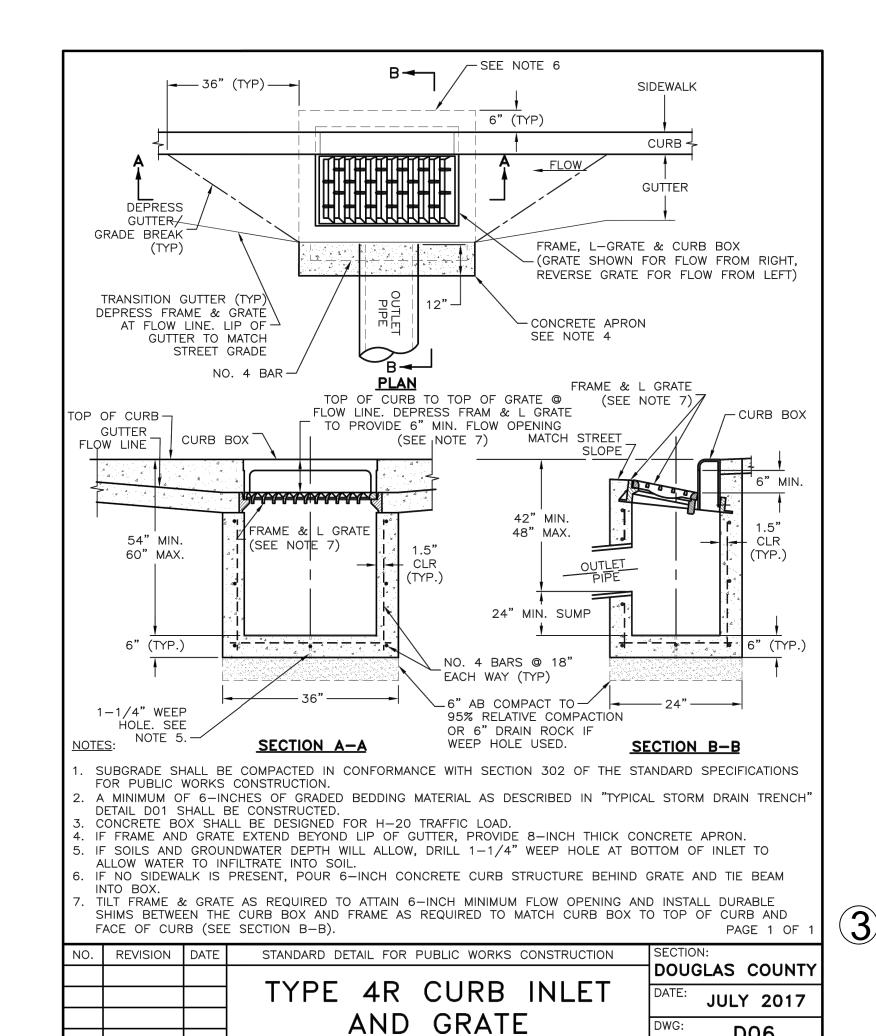
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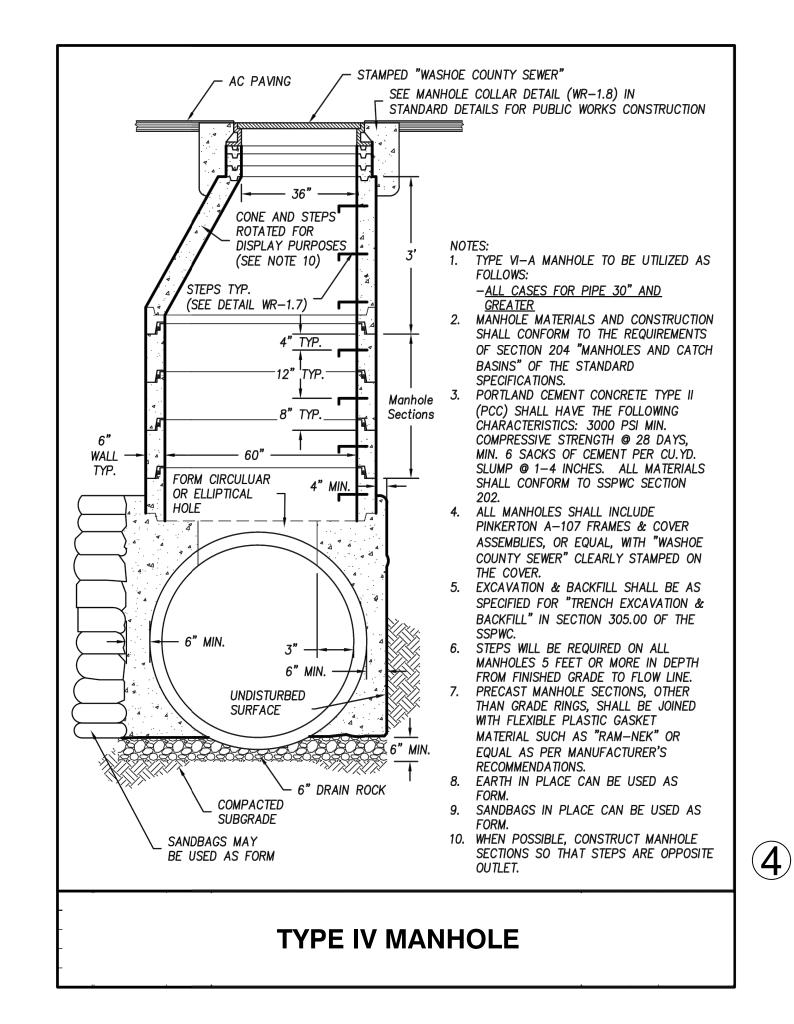
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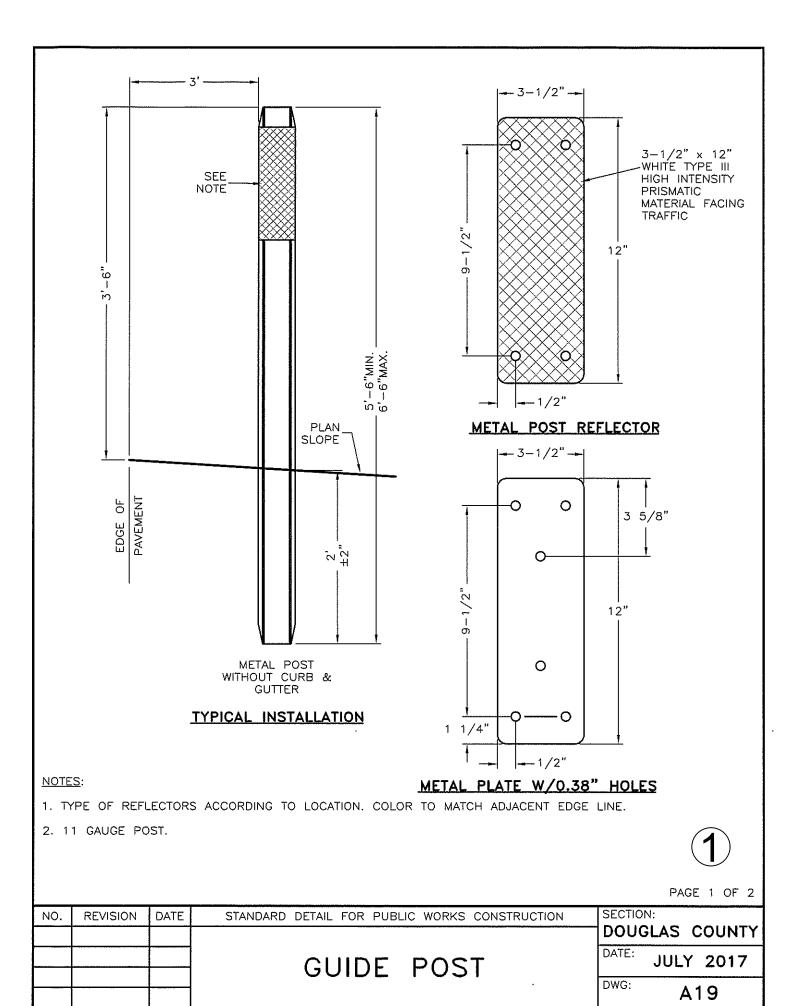
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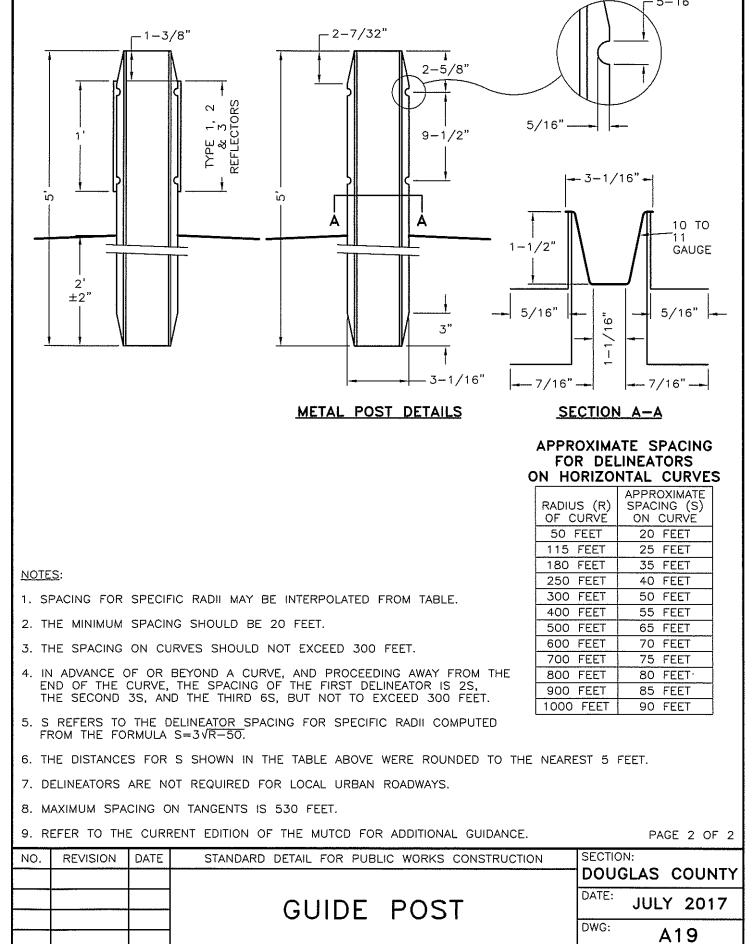
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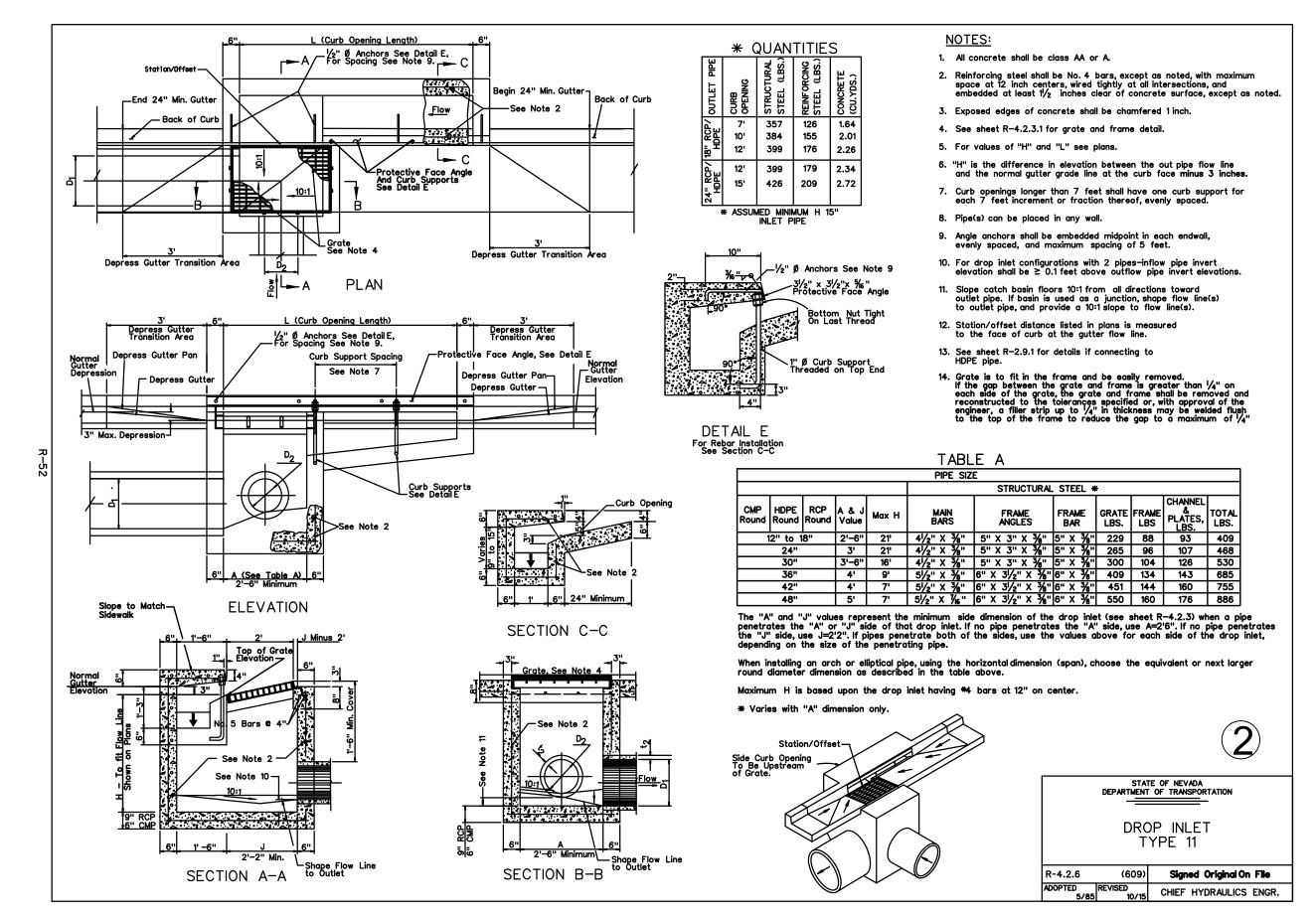
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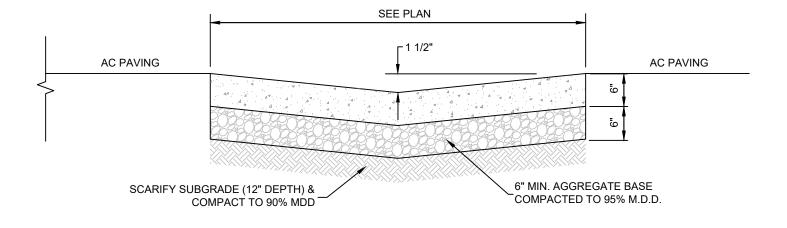
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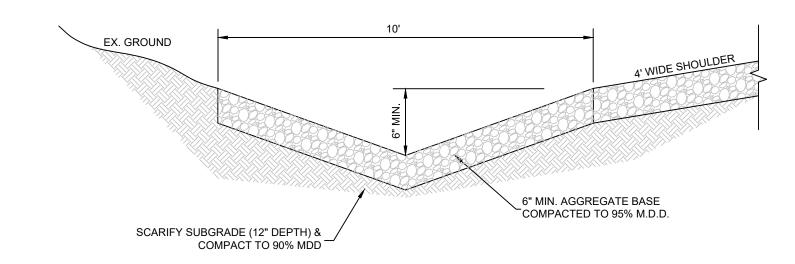


NOTES:

P.C.C. VALLEY GUTTER SHALL BE FIBER-REINFORCED AND MEET 4,000 PSI MIN. @ 28 DAYS.
 GUTTER PAN WIDTH SHALL BE AS SHOWN ON PLANS.

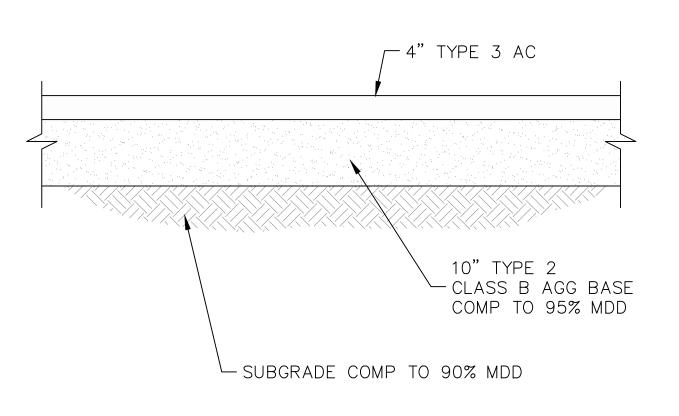
3. AGGREGATE BASE MATERIAL SHALL CONFORM TO THE SPECIFICATIONS FOR TYPE 2 CLASS B AGGREGATE BASE AND BE COMPACTED TO 95% M.D.D..

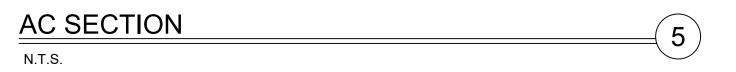


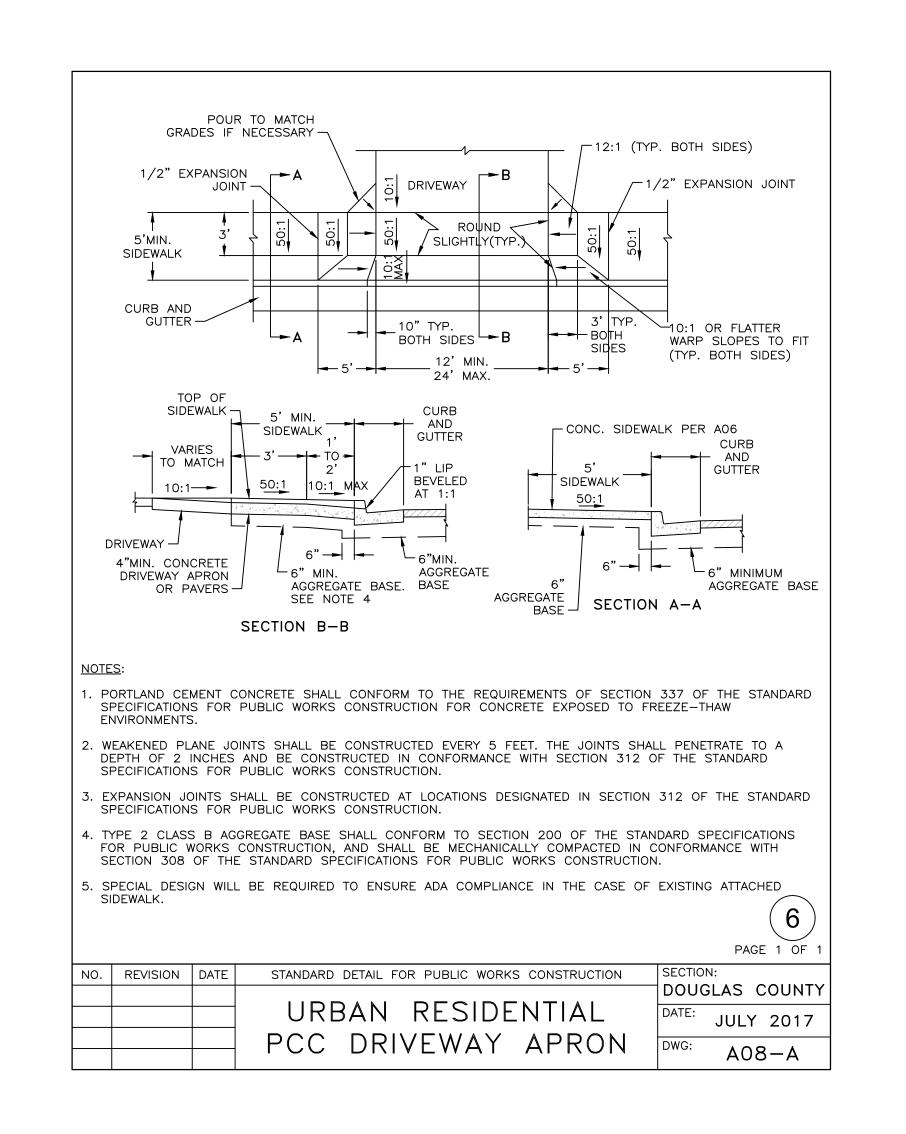




N.T.S.









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COUNTY PUBLIC WORKS

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DOUGLAS YMOUTH DRIVE

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AProj\9677.000 — Douglas County — Plymouth Drive\DWG\Civil3D\9677000PL 3/2020 08:27 am rspreeman