



BENCHMARK
 NORTHWEST CORNER OF SECTION 27
 TOWNSHIP 7 NORTH, RANGE 2 WEST
 SALT LAKE BASE AND MERIDIAN
 ELEV = 4231.00'

JDC PARKWAY

**2800 WEST 2600 NORTH STREET
 WEBER COUNTY, UTAH**

INDEX OF DRAWINGS

- 1 OF 1 SUBDIVISION PLAT
- C-001 GENERAL NOTES
- C-002 OVERALL DEVELOPMENT SITE PLAN
- C-100 SITE PLAN
- C-101 STRIPING PLAN
- C-200 OVERALL GRADING AND DRAINAGE PLAN
- C-201 GRADING PLAN
- C-202 OFFSITE GRADING PLAN
- C-300 UTILITY PLAN
- C-301 OFFSITE UTILITY PLAN
- C-400 EROSION CONTROL PLAN
- PP-0 PLAN AND PROFILE KEY MAP
- PP-1 OFFSITE UTILITY PLAN AND PROFILE
- PP-2 OFFSITE UTILITY PLAN AND PROFILE
- PP-3 JDC PARKWAY PLAN AND PROFILE
- PP-4 JDC PARKWAY PLAN AND PROFILE
- PP-5 2725 NORTH STREET PLAN AND PROFILE
- PP-6 OFFSITE UTILITY PLAN AND PROFILE
- C-500 DETAILS
- C-501 DETAILS

**FOR REVIEW
 NOT FOR CONSTRUCTION**

**DATE PRINTED
 January 4, 2024**

NOTICE TO CONTRACTOR

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH REGULATIONS OF THE U.S. DEPARTMENT OF LABOR AND THE STATE OF UTAH DEPARTMENT OF INDUSTRIAL RELATIONS CONSTRUCTION SAFETY ORDERS. THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH SAID REGULATIONS AND ORDERS.

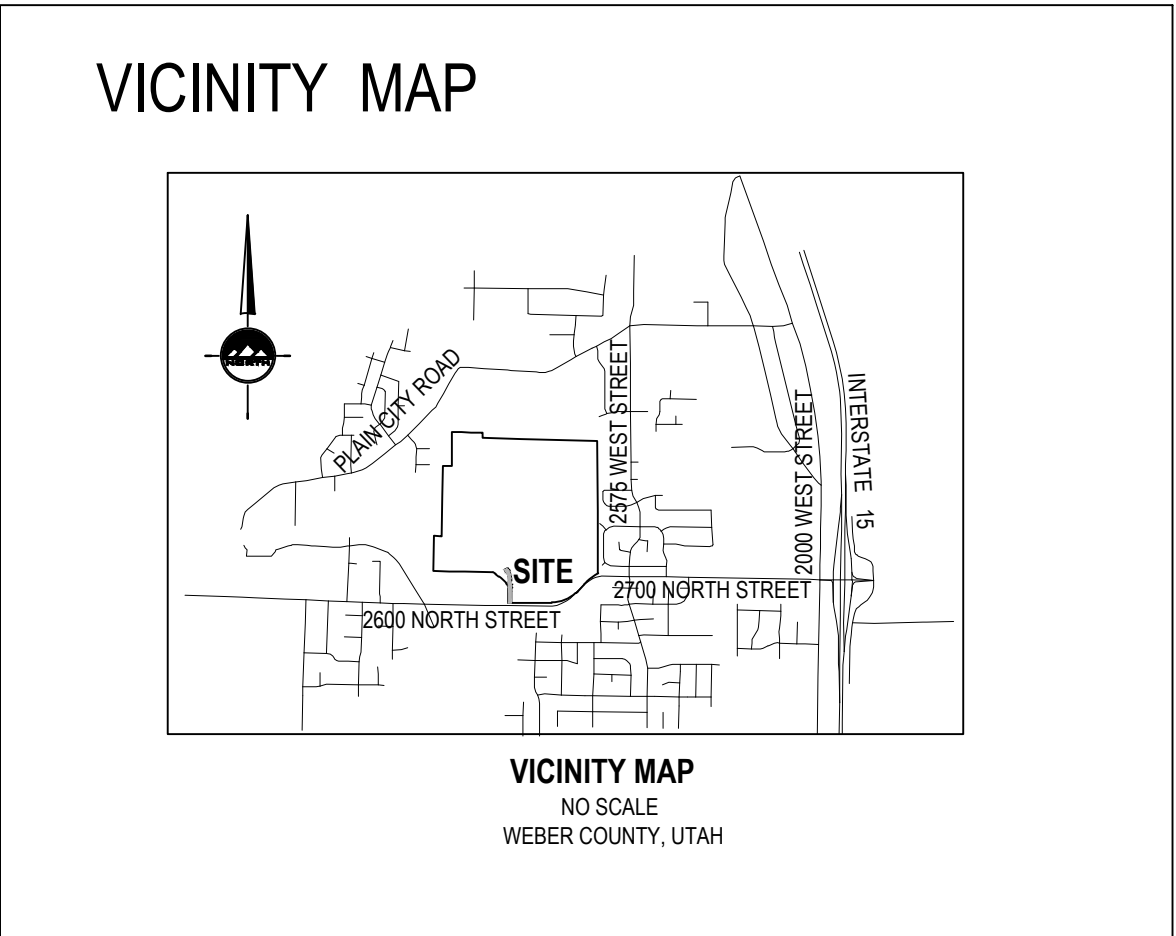
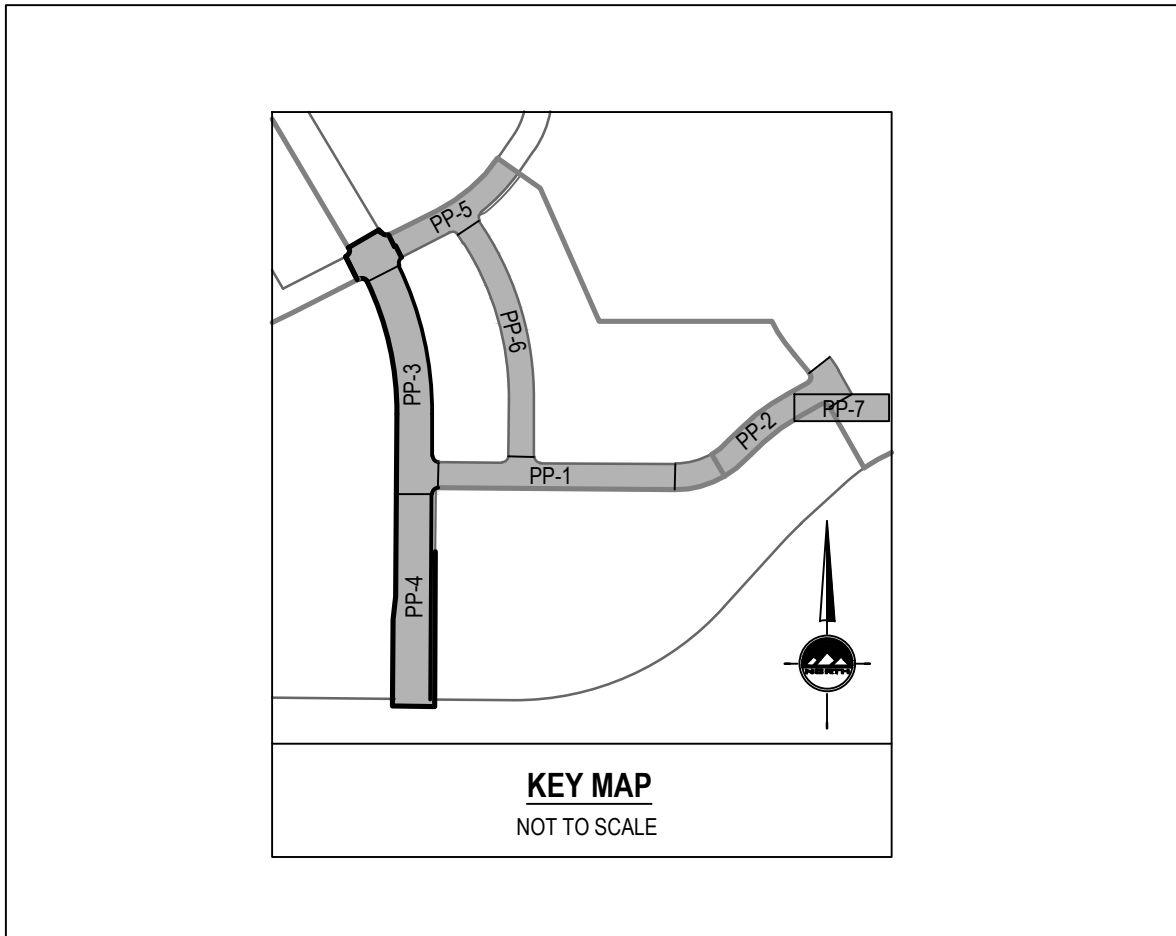
CONTRACTOR FURTHER AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

NOTICE TO DEVELOPER/ CONTRACTOR

UNAPPROVED DRAWINGS REPRESENT WORK IN PROGRESS, ARE SUBJECT TO CHANGE, AND DO NOT CONSTITUTE A FINISHED ENGINEERING PRODUCT. ANY WORK UNDERTAKEN BY DEVELOPER OR CONTRACTOR BEFORE PLANS ARE APPROVED IS UNDERTAKEN AT THE SOLE RISK OF THE DEVELOPER, INCLUDING BUT NOT LIMITED TO BIDS, ESTIMATION, FINANCING, BONDING, SITE CLEARING, GRADING, INFRASTRUCTURE CONSTRUCTION, ETC.

UTILITY DISCLAIMER

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND / OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



GENERAL NOTES

1. ALL WORK SHALL CONFORM TO WEBER COUNTY STANDARDS & SPECIFICATIONS.
2. CALL BLUE STAKES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

ENSIGN
 THE STANDARD IN ENGINEERING

LAYTON
 919 North 400 West
 Layton, UT 84041
 Phone: 801.547.1100

SANDY
 Phone: 801.255.0529

TOOELE
 Phone: 435.843.3590

CEDAR CITY
 Phone: 435.865.1453

RICHFIELD
 Phone: 435.896.2983

WWW.ENSIGNENG.COM

FOR:
 NILSON HOWES
 1740 COMBE RD, SUITE 2
 SOUTH OGDEN, UT 84403

CONTACT:
 STEVE ANDERSON
 PHONE: 801.392.8100

JDC PARKWAY
2800 WEST 2600 NORTH STREET
WEBER COUNTY, UTAH



| NO. | DATE | REVISION FOR REVIEW |
|-----|------|---------------------|
| | | |

COVER

PROJECT NUMBER: 9872
 PROJECT MANAGER: CP

PRINT DATE: 2024-01-04
 DESIGNED BY: TS

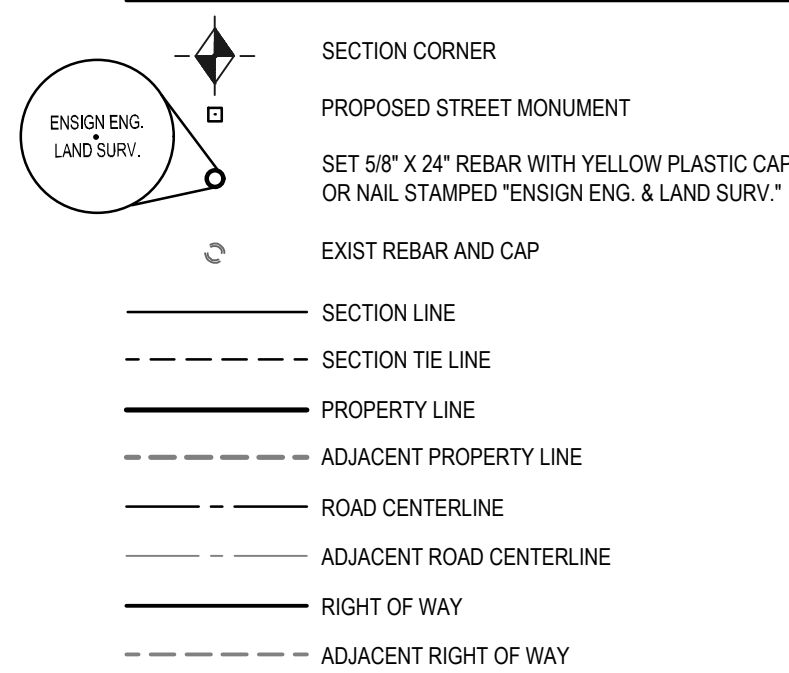
JDC PARKWAY ROAD DEDICATION

LOCATED IN THE SOUTHEAST QUARTER OF SECTION 27
AND THE NORTHEAST QUARTER OF SECTION 34,
TOWNSHIP 7 NORTH, RANGE 2 WEST
SALT LAKE BASE AND MERIDIAN
WEBER COUNTY, UTAH
DECEMBER 2023

GENERAL NOTES:

- UTILITIES SHALL HAVE THE RIGHT TO INSTALL, MAINTAIN, AND OPERATE THEIR EQUIPMENT ABOVE AND BELOW GROUND AND ALL OTHER RELATED FACILITIES WITHIN THE PUBLIC UTILITY EASEMENTS IDENTIFIED ON THIS PLAT MAP AS MAY BE NECESSARY OR DESIRABLE IN PROVIDING UTILITY SERVICES WITHIN AND WITHOUT THE LOTS IDENTIFIED HEREIN, INCLUDING THE RIGHT OF ACCESS TO SUCH FACILITIES AND THE RIGHT TO REQUIRE REMOVAL OF ANY OBSTRUCTIONS INCLUDING STRUCTURES, TREES AND VEGETATION THAT MAY BE PLACED WITHIN THE P.U.E. THE UTILITY MAY REQUIRE THE LOT OWNER TO REMOVE ALL STRUCTURES WITHIN THE P.U.E. AT THE LOT OWNER'S EXPENSE, OR THE UTILITY MAY REMOVE SUCH STRUCTURES AT THE LOT OWNER'S EXPENSE. AT NO TIME MAY ANY PERMANENT STRUCTURES BE PLACED WITHIN THE P.U.E. OR ANY OTHER OBSTRUCTION WHICH INTERFERES WITH THE USE OF THE P.U.E. WITHOUT THE PRIOR WRITTEN APPROVAL OF THE UTILITIES WITH FACILITIES IN THE P.U.E.
- PROTECT ALL EXISTING SECTION CORNERS AND STREET MONUMENTS. COORDINATE ALL SURVEY STREET MONUMENT INSTALLATION, GRADE ADJUSTMENT, AND ALL REQUIRED FEES AND PERMITS WITH THE COUNTY SURVEYOR PRIOR TO DISRUPTION OF ANY EXISTING MONUMENTS.

LEGEND

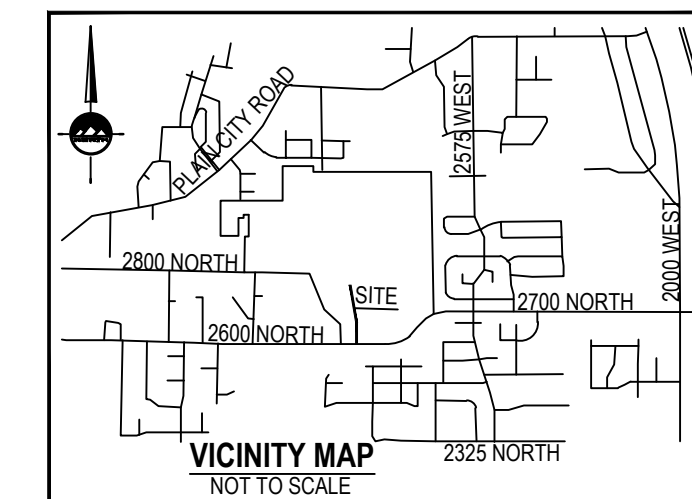


PROPERTY CURVE TABLE

| CURVE | RADIUS | LENGTH | DELTA | BEARING | CHORD |
|-------|---------|---------|-----------|-------------|---------|
| PC1 | 15.00' | 8.19' | 31°17'33" | S15°15'06"E | 8.09' |
| PC2 | 45.00' | 33.95' | 43°13'24" | S67°59'37"E | 33.15' |
| PC3 | 60.00' | 40.51' | 38°40'56" | S71°03'13"W | 39.74' |
| PC4 | 91.00' | 75.34' | 47°26'02" | N23°19'20"W | 73.20' |
| PC5 | 62.50' | 102.96' | 94°23'02" | N0°23'10"E | 91.70' |
| PC6 | 91.00' | 74.79' | 47°05'30" | N23°56'26"E | 72.71' |
| PC7 | 708.50' | 322.15' | 26°03'08" | N12°37'53"W | 319.38' |
| PC8 | 15.00' | 23.91' | 91°20'36" | N71°19'45"W | 21.46' |
| PC9 | 15.00' | 24.54' | 93°43'06" | N16°08'24"E | 21.89' |
| PC10 | 15.00' | 22.59' | 86°16'54" | S73°51'36"E | 20.51' |
| PC11 | 15.00' | 23.26' | 88°50'41" | S18°34'36"W | 21.00' |
| PC12 | 791.50' | 362.49' | 26°14'26" | S12°43'32"E | 359.33' |

CURVE TABLE

| CURVE | RADIUS | LENGTH | DELTA | BEARING | CHORD |
|-------|---------|---------|-----------|-------------|---------|
| C13 | 750.00' | 341.02' | 26°03'08" | N12°37'53"W | 338.09' |
| C14 | 750.00' | 343.49' | 26°14'26" | N12°43'32"W | 340.49' |
| C15 | 750.00' | 46.33' | 3°32'23" | N27°25'38"W | 46.33' |
| C16 | 750.00' | 43.87' | 3°21'05" | N27°31'17"W | 43.86' |
| C17 | 750.00' | 19.93' | 1°31'20" | N29°57'29"W | 19.92' |



SURVEYOR'S CERTIFICATE

I, TRENT R. WILLIAMS, do hereby certify that I am a Licensed Land Surveyor, and that I hold certificate No. 8034679 as prescribed under laws of the State of Utah. I further certify that by authority of the Owners, I have made a survey of the tract of land shown on this plat and described below, and have subdivided said tract of land into lots and streets, hereafter to be known as JDC PARKWAY ROADWAY DEDICATION, and that the same has been correctly surveyed and staked on the ground as shown on this plat. I further certify that all lots meet frontage width and area requirements of the applicable zoning ordinances.

SURVEY NARRATIVE

The purpose of this survey is to separate the parcel into a public road.

BOUNDARY DESCRIPTION

A parcel of land, situate in the Southeast Quarter of Section 27 and the Northeast Quarter of Section 34, Township 7 North, Range 2 West, Salt Lake Base and Meridian, said parcel also located in Weber County, Utah. Being more particularly described as follows:

Beginning at a point which is South 89°44'59" East 1117.34 feet along the Section Line from the Southeast Corner of said Section 27 and running thence:

South 0°23'41" West 33.33 feet;
thence southerly 8.19 feet along the arc of a 15.00-foot radius tangent curve to the left (center bears South 89°36'19" East and the long chord bears South 15°15'06" East 8.09 feet with a central angle of 31°17'33");
thence southeasterly 33.95 feet along the arc of a 45.00-foot radius non-tangent curve to the left (center bears North 43°17'33" East and the long chord bears South 67°59'37" East 33.15 feet with a central angle of 43°13'24");
thence South 89°36'19" East 46.45 feet;
thence South 0°23'41" West 30.00 feet;
thence North 89°36'19" West 41.95 feet;
thence South 0°23'41" West 30.00 feet;
thence southwesterly 40.51 feet along the arc of a 60.00-foot radius non-tangent curve to the left (center bears South 0°23'41" West and the long chord bears South 71°03'13" West 39.74 feet with a central angle of 38°40'56");
thence South 0°23'41" West 434.48 feet;
thence North 13°08'35" East 47.52 feet;
thence South 0°37'10" West 16.98 feet;
thence North 89°22'50" West 99.56 feet;
thence North 0°23'41" East 55.27 feet;
thence North 89°36'19" West 41.95 feet;
thence northwesterly 73.34 feet along the arc of a 91.00-foot radius tangent curve to the left (center bears North 89°36'19" West and the long chord bears North 23°19'20" West 73.20 feet with a central angle of 47°26'02");
thence North 43°11'38" East 11.63 feet;
thence northerly 102.96 feet along the arc of a 62.50-foot radius non-tangent curve to the right (center bears North 43°11'38" East and the long chord bears North 0°23'10" East 91.70 feet with a central angle of 94°23'02");
thence North 42°25'19" West 11.02 feet;
thence northeasterly 74.79 feet along the arc of a 91.00-foot radius non-tangent curve to the left (center bears North 42°30'49" West and the long chord bears North 23°56'26" East 72.71 feet with a central angle of 47°05'30");
thence North 0°23'41" East 27.40 feet;
thence northerly 322.15 feet along the arc of a 708.50-foot radius tangent curve to the left (center bears North 89°36'19" West and the long chord bears North 12°37'53" West 319.38 feet with a central angle of 26°03'08");
thence northwesterly 23.91 feet along the arc of a 15.00-foot radius tangent curve to the left (center bears South 64°20'33" West and the long chord bears North 71°19'45" West 21.46 feet with a central angle of 91°20'36");
thence North 27°00'03" West 60.00 feet;
thence northerly 24.54 feet along the arc of a 15.00-foot radius non-tangent curve to the left (center bears North 27°00'03" West and the long chord bears North 16°08'24" East 21.89 feet with a central angle of 93°43'06");
thence North 59°16'51" East 63.00 feet;
thence South 30°43'09" East 7.34 feet;
thence Southwesterly 22.59 feet along the arc of a 15.00-foot radius tangent curve to the left (center bears North 59°16'51" East and the long chord bears North 73°51'36" East 20.51 feet with a central angle of 86°16'54");
thence South 27°00'03" East 30.00 feet;
thence North 62°59'57" East 3.14 feet;
thence South 27°00'03" East 30.00 feet;
thence southwesterly 23.26 feet along the arc of a 15.00-foot radius tangent curve to the left (center bears South 27°00'03" East and the long chord bears South 18°34'36" West 21.00 feet with a central angle of 88°50'41");
thence southeasterly 362.49 feet along the arc of a 791.50-foot radius tangent curve to the right (center bears South 64°09'15" East and the long chord bears South 12°43'32" East 359.33 feet with a central angle of 26°14'26");
thence South 0°23'41" West 65.07 feet to the Point of Beginning.

Contains: 105,883 square feet or 2.431 acres.

Trent R. Williams, PLS
License no. 8034679
Date

OWNER'S DEDICATION

We(I) the undersigned owners of the above described tract of land, do hereby set apart and subdivide the same into streets as shown hereon and name said tract:

JDC PARKWAY ROAD DEDICATION

Dedicate to public use all those parts or portions of said tract of land designated as streets, the same to be used as public thoroughfares.

In witness whereof We(I) have hereto set our hands(s) this _____ day of _____ A.D., 20____.

By: _____

LIMITED LIABILITY COMPANY ACKNOWLEDGMENT

STATE OF UTAH
County of Weber JS.S.
On the _____ day of _____ A.D., 20____, personally appeared before me, the undersigned Notary Public, in and for said County of _____ in the State of Utah, who after being duly sworn, acknowledged to me that he is the Manager, of West Park Community LLC a Limited Liability Company and that he signed the Owner's Dedication freely and voluntarily for and in behalf of said Limited Liability Company for the purposes therein mentioned and acknowledged to me that said Limited Liability Company executed the same.

MY COMMISSION EXPIRES: _____
RESIDING IN _____ COUNTY.

JDC PARKWAY ROAD DEDICATION

LOCATED IN THE SOUTHEAST QUARTER OF SECTION 27
AND THE NORTHEAST QUARTER OF SECTION 34,
TOWNSHIP 7 NORTH, RANGE 2 WEST
SALT LAKE BASE AND MERIDIAN
WEBER COUNTY, UTAH

WEBER COUNTY RECORDER

ENTRY NO. _____
PAID _____ FEE FOR RECORD AND
RECORDED THIS _____ DAY OF _____ 20____
AT _____ IN BOOK _____ OF OFFICIAL RECORDS
PAGE _____

SHEET 1 OF 1

PROJECT NUMBER: 9872
MANAGER: C.PRESTON
DRAWN BY: J.MOSS
CHECKED BY: T.WILLIAMS
DATE: 1/4/2024

WEBER COUNTY RECORDER
BY _____
DEPUTY RECORDER

WEBER COUNTY SURVEYOR

I HEREBY CERTIFY THAT THE WEBER COUNTY SURVEYOR'S OFFICE HAS REVIEWED THIS PLAT AND ALL CONDITIONS FOR APPROVAL BY THIS OFFICE HAVE BEEN SATISFIED. THE APPROVAL OF THIS PLAT BY THE WEBER COUNTY SURVEYOR DOES NOT RELIEVE THE LICENSED LAND SURVEYOR WHO EXECUTED THIS PLAT FROM THE RESPONSIBILITIES AND/OR LIABILITIES ASSOCIATED THEREWITH.
SIGNED THIS _____ DAY OF _____, 20____.

WEBER COUNTY SURVEYOR

RECORD OF SURVEY

ROS NO.: _____

COUNTY SURVEYOR REVIEWER DATE

BOARD OF HEALTH APPROVAL

APPROVED THIS _____ DAY OF _____, 20____,
BY THE BOARD OF HEALTH.

SALT LAKE COUNTY HEALTH DEPT.

COUNTY ATTORNEY'S APPROVAL

APPROVED THIS _____ DAY OF _____, 20____,
BY THE WEBER COUNTY ATTORNEY.

WEBER COUNTY ATTORNEY

PLANNING COMMISSION APPROVAL

APPROVED THIS _____ DAY OF _____, 20____,
BY THE COUNTY PLANNING COMMISSION APPROVAL.

CHAIRMAN, WEBER COUNTY PLANNING COMMISSION

COUNTY ENGINEER'S APPROVAL

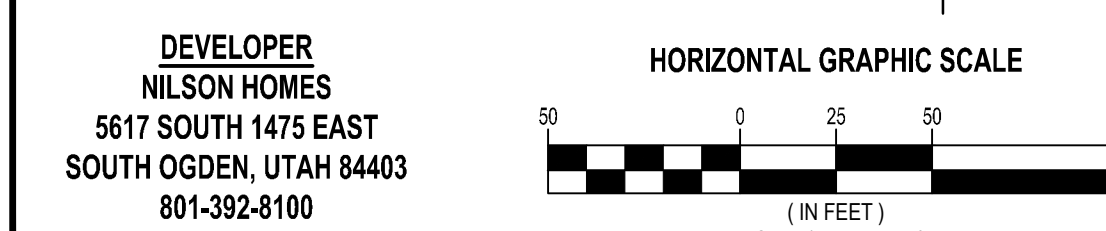
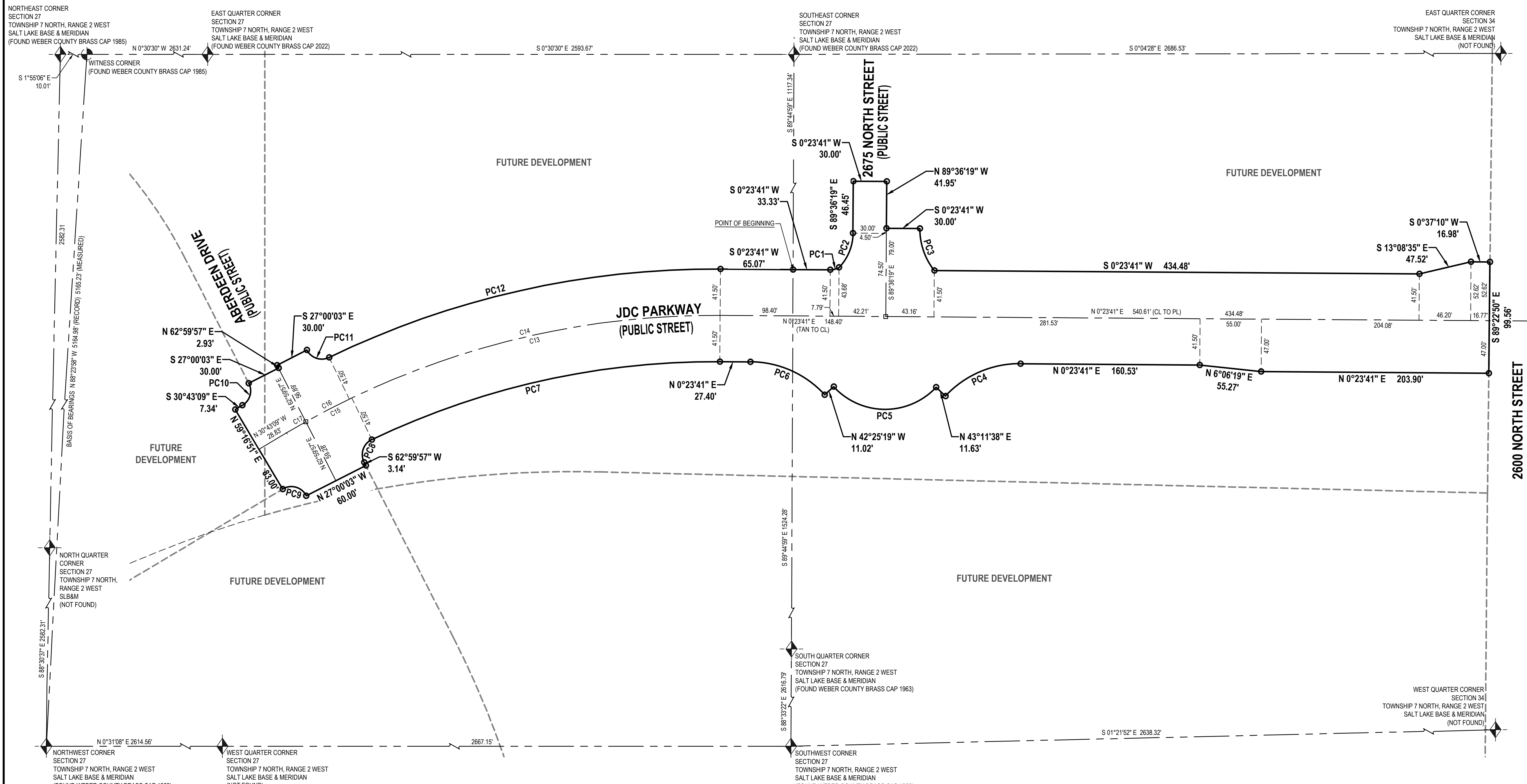
APPROVED THIS _____ DAY OF _____, 20____,
BY THE WEBER COUNTY ENGINEER.

WEBER COUNTY ENGINEER

COUNTY COMMISSION APPROVAL

APPROVED THIS _____ DAY OF _____, 20____,
BY THE COUNTY COMMISSIONER'S APPROVAL.

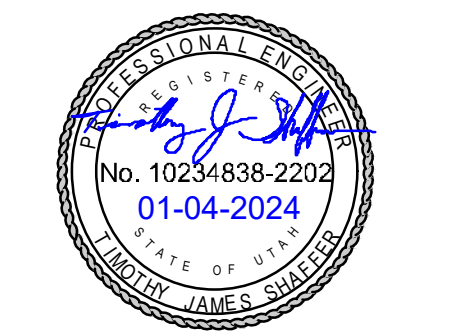
CHAIRMAN, WEBER COUNTY PLANNING COMMISSION



DEVELOPER
NILSON HOMES
5617 SOUTH 1475 EAST
SOUTH OGDEN, UTAH 84403
801-392-8100

ENSIGN
LAYTON
919 North 400 West
Layton UT 84041
Phone: 801.547.1100
Phone: 801.593.6315
FAX: 801.593.6315
RICHFIELD
Phone: 435.883.1453
Phone: 435.896.2983
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SALT LAKE CITY
Phone: 801.251.9029
TOOELE
Phone: 435.843.3590
CEDAR CITY
Phone: 435.883.1453
RICHFIELD
Phone: 435.896.2983



GENERAL NOTES

GENERAL NOTES

- ALL CONSTRUCTION MUST STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY: THE DESIGN ENGINEER, LOCAL AGENCY JURISDICTION, APWA (CURRENT EDITION), AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.). THE ORDER LISTED ABOVE IS ARRANGED BY SENIORITY. THE LATEST EDITION OF ALL STANDARDS AND SPECIFICATIONS MUST BE ADHERED TO. IF A CONSTRUCTION PRACTICE IS NOT SPECIFIED BY ANY OF THE LISTED SOURCES, CONTRACTOR MUST CONTACT DESIGN ENGINEER FOR DIRECTION.
- CONTRACTOR TO STRICTLY FOLLOW THE MOST CURRENT COPY OF THE SOILS REPORT FOR THIS PROJECT. ALL GRADING INCLUDING BUT NOT LIMITED TO CUT, FILL, COMPACTION, ASPHALT SECTION, SUBBASE, TRENCH EXCAVATION/BACKFILL, SITE GRUBBING, AND FOOTINGS MUST BE COORDINATED DIRECTLY WITH SOILS REPORT.
- CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING, AND BRING UP ANY QUESTIONS BEFORE SUBMITTING BID.
- CONTRACTOR SHALL PROVIDE A CONSTRUCTION SCHEDULE IN ACCORDANCE WITH THE CITY, STATE, OR COUNTY REGULATIONS FOR WORKING IN THE PUBLIC WAY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ACCORDING TO GOVERNING AGENCY STANDARDS. WET DOWN DRY MATERIALS AND RUBBISH TO PREVENT BLOWING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT SURFACE IMPROVEMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OF OR DAMAGE TO EXISTING UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE TO FURNISH ALL MATERIALS TO COMPLETE THE PROJECT.
- ALL EXPOSED SURFACES WILL HAVE A TEXTURED FINISH, RUBBED, OR BROOMED. ANY "PLASTERING" OF NEW CONCRETE WILL BE DONE WHILE IT IS STILL "GREEN".
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTORS FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE. CONTRACTOR SHALL START INSTALLATION AT LOW POINT OF ALL NEW GRAVITY UTILITY LINES.
- ALL DIMENSIONS, GRADES, AND UTILITY DESIGN SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST. PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES, NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO DO WITH THE DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS, IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- NO CHANGE IN DESIGN LOCATION OR GRADE WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE PROJECT ENGINEER.
- NATURAL VEGETATION AND SOIL COVER SHALL NOT BE DISTURBED PRIOR TO ACTUAL CONSTRUCTION OF A REQUIRED FACILITY OR IMPROVEMENT. MASS CLEARING OF THE SITE IN ANTICIPATION OF CONSTRUCTION SHALL BE AVOIDED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND MONUMENT REFERENCE MARKS WITHIN THE PROJECT SITE. CONTACT THE CITY OR COUNTY SURVEYOR FOR MONUMENT LOCATIONS AND CONSTRUCTION DETAILS.
- EXISTING UTILITY INFORMATION SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. IT IS DERIVED FROM ON-SITE SURVEY AND/OR UTILITY MAPS PROVIDED TO THE ENGINEER, AND THEREFORE UTILITIES MAY NOT BE LOCATED CORRECTLY, EITHER HORIZONTALLY OR VERTICALLY, AND MAY NOT BE ALL INCLUSIVE. CONTRACTOR IS REQUIRED TO FOLLOW THE PROCEDURE OUTLINED BELOW:
 - CONTRACTOR IS REQUIRED TO LOCATE AND POTHOLE ALL EXISTING UTILITY LINES (BOTH HORIZONTALLY AND VERTICALLY) THAT AFFECT THE PROJECT CONSTRUCTION, EITHER ON-SITE OR OFF-SITE, AND DETERMINE IF THERE ARE ANY CONFLICTS WITH THE DESIGN OF THE SITE AS SHOWN ON THE APPROVED PLANS PRIOR TO ANY CONSTRUCTION. IF IT IS DETERMINED THAT CONFLICTS EXIST BETWEEN EXISTING UTILITIES AND DESIGN UTILITIES (OR ANOTHER ASPECT OF PROPOSED CONSTRUCTION) THE ENGINEER MUST BE NOTIFIED IMMEDIATELY TO CORRECT THE CONFLICTS BEFORE ANY WORK CAN BEGIN. IF THE CONTRACTOR FAILS TO FOLLOW THIS ABSOLUTE REQUIREMENT AND CONFLICTS ARISE DURING CONSTRUCTION THE CONTRACTOR WILL BEAR THE SOLE RESPONSIBILITY TO FIX THE CONFLICTS.
 - CONTRACTOR IS REQUIRED TO VERIFY THAT PROPER COVER AND PROTECTION OF EXISTING UTILITY LINES IS MAINTAINED OR ATTAINED WITHIN THE DESIGN ONCE VERIFICATION OF THE EXISTING UTILITIES IS COMPLETED AS OUTLINED IN 16.1 ABOVE. IN ADDITION TO 16.1 AND 16.2 ABOVE THE CONTRACTOR WILL VERIFY DEPTHS OF UTILITIES IN THE FIELD BY "POTHOLES" A MINIMUM OF 300 FEET AHEAD OF PROPOSED PIPELINE CONSTRUCTION TO AVOID POTENTIAL CONFLICTS WITH DESIGNATED PIPELINE ALIGNMENT AND GRADE AND EXISTING UTILITIES.
 - IF A CONFLICT ARISES BETWEEN EXISTING UTILITIES AND DESIGN UTILITIES (OR ANOTHER ASPECT OF PROPOSED CONSTRUCTION) AS DETERMINED UNDER 16.1, 16.2 OR 16.3 THE CONTRACTOR WILL NOTIFY THE ENGINEER IMMEDIATELY TO RESOLVE THE CONFLICT.
 - IF A CONFLICT ARISES BETWEEN EXISTING UTILITIES AND DESIGN UTILITIES (OR ANOTHER ASPECT OF PROPOSED CONSTRUCTION) RESULTING FROM THE CONTRACTORS NEGLIGENCE TO IDENTIFY AND/OR "POTHOLE" EXISTING UTILITIES AS REQUIRED IN 16.1, 16.2 AND 16.3 ABOVE, THE CONTRACTOR WILL BE REQUIRED TO RESOLVE THE CONFLICT WITHOUT ADDITIONAL COST OR CLAIM TO THE OWNER OR ENGINEER.
- ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER.
- CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
- AT ALL LOCATIONS WHERE EXISTING PAVEMENT ADJUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAWCUT TO A CLEAN, SMOOTH EDGE.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY GUIDELINES.
- CONTRACTOR SHALL, AT THE TIME OF BIDDING AND THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE OF UTAH AND SHALL BE BONDBLE FOR AN AMOUNT REQUIRED BY THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTORS USE DURING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL RE-TESTING AND/OR RE-INSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.
- IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING OR REPAIRING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND/OR REPLACEMENT. THERE WILL BE NO EXTRA COST DUE TO THE CONTRACTOR FOR REPLACING OR REPAIRING EXISTING IMPROVEMENTS.
- WHenever existing facilities are removed, damaged, broken, or cut in the installation of the work covered by these plans or specifications, said facilities shall be replaced at the contractor's expense with materials equal to or better than the materials used in the original existing facilities. The finished product shall be subject to the approval of the owner, the engineer, and the respective regulatory agency.
- CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES. RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER ONE SET OF NEATLY MARKED RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
- WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
- ALL EXISTING GATES AND FENCES TO REMAIN UNLESS OTHERWISE NOTED ON PLANS. PROTECT ALL GATES AND FENCES FROM DAMAGE.
- ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED ON PLANS. PROTECT ALL TREES FROM DAMAGE.
- ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE GOVERNING AGENCY PRIOR TO THE PLACEMENT.
- CONTRACTORS ARE RESPONSIBLE FOR ALL OSHA REQUIREMENTS ON THE PROJECT SITE.
- A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES 1 ACRE OR MORE AS WELL AS A STORM WATER POLLUTION PREVENTION PLAN.

UTILITY NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS, CITY AND STATE REQUIREMENTS AND THE MOST RECENT EDITIONS OF THE FOLLOWING: THE INTERNATIONAL PLUMBING CODE, UTAH DRINKING WATER REGULATIONS, APWA MANUAL OF STANDARD PLANS AND SPECIFICATIONS. THE CONTRACTOR IS REQUIRED TO ADHERE TO ALL OF THE ABOVE-MENTIONED DOCUMENTS UNLESS OTHERWISE NOTED AND APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL COORDINATE LOCATION OF NEW "DRY UTILITIES" WITH THE APPROPRIATE UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO: TELEPHONE & INTERNET SERVICE, GAS SERVICE, CABLE, AND POWER.
- EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS BASED ON ON-SITE SURVEY. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY BLUE STAKES AT 1-800-462-4111 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK. THE CONTRACTOR SHALL RECORD THE BLUE STAKES ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER AND ENGINEER PRIOR TO ANY EXCAVATION. IT WILL BE THE CONTRACTORS SOLE RESPONSIBILITY TO DIRECTLY CONTACT ANY OTHER UTILITY COMPANIES THAT ARE NOT MEMBERS OF BLUE STAKES. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT.
- CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT CONTRACTORS EXPENSE.
- TRENCH BACKFILL MATERIAL AND COMPACTION TESTS ARE TO BE TAKEN PER APWA STANDARD SPECIFICATIONS (CURRENT EDITION), SECTION 2035 20 - BACKFILLING TRENCHES, OR AS REQUIRED BY THE GEOTECHNICAL REPORT IF NATIVE MATERIALS ARE USED. NO NATIVE MATERIALS ARE ALLOWED IN THE PIPE ZONE. THE MAXIMUM LIFT FOR BACKFILLING EXCAVATIONS IS DETERMINED BY THE GEOTECHNICAL RECOMMENDATIONS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES AND FOR THE PROTECTION OF WORKERS.
- THE CONTRACTOR IS REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE APPROVED PROJECT LIMITS. THIS INCLUDES, BUT IS NOT LIMITED TO VEHICLE AND EQUIPMENT STAGING, MATERIAL STORAGE AND LIMITS OF TRENCH EXCAVATION. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN PERMISSION AND/OR EASEMENTS FROM THE APPROPRIATE GOVERNING ENTITY AND/OR INDIVIDUAL PROPERTY OWNER(S) FOR WORK OR STAGING OUTSIDE OF THE PROJECT LIMITS.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE, CAUSED BY ANY CONDITION INCLUDING SETTLEMENT, TO EXISTING UTILITIES FROM WORK PERFORMED AT OR NEAR EXISTING UTILITIES. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT ALL EXISTING PUBLIC AND PRIVATE ROADWAY AND UTILITY FACILITIES. DAMAGE TO EXISTING FACILITIES CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT HISHER EXPENSE TO THE SATISFACTION OF THE OWNER OF SAID FACILITIES.
- ALL WATER LINE AND SEWER LINE INSTALLATION AND TESTING TO BE IN ACCORDANCE WITH LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- ALL MANHOLES, HYDRANTS, VALVES, CLEANOUT BOXES, CATCH BASINS, METERS, ETC. MUST BE RAISED OR LOWERED TO FINAL GRADE PER APWA (CURRENT EDITION) STANDARDS AND INSPECTOR REQUIREMENTS. CONCRETE COLLARS MUST BE CONSTRUCTED ON ALL MANHOLES, CLEANOUT BOXES, CATCH BASINS AND VALVES PER APWA STANDARDS. ALL MANHOLE, CATCH BASIN, OR CLEANOUT BOX CONNECTIONS MUST BE MADE WITH THE PIPE CUT FLUSH WITH THE INSIDE OF THE BOX AND GROUTED OR SEALED.
- CONTRACTOR SHALL NOT ALLOW ANY GROUNDWATER OR DEBRIS TO ENTER THE NEW OR EXISTING PIPE DURING CONSTRUCTION.
- SILT AND DEBRIS ARE TO BE CLEANED OUT OF ALL STORM DRAIN BOXES. CATCH BASINS ARE TO BE MAINTAINED IN A CLEANED CONDITION AS NEEDED UNTIL AFTER THE FINAL BOND RELEASE INSPECTION.
- CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES TO ALLOW ACCESS.
- EACH TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND GRADE AS REQUIRED. THE TRENCH WALL SHALL BE SO BRACED THAT THE WORKMEN MAY WORK SAFELY AND EFFICIENTLY. ALL TRENCHES SHALL BE DRAINED SO THE PIPE LAYING MAY TAKE PLACE IN DEWATERED CONDITIONS.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.
- ALL SEWER LINES AND SEWER SERVICES SHALL HAVE A MINIMUM SEPARATION OF 10 FEET, EDGE TO EDGE, FROM THE WATER LINES. IF A 10 FOOT SEPARATION CAN NOT BE MAINTAINED, CONSTRUCT PER GOVERNING AGENCYS MINIMUM SEPARATION STANDARDS.
- CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES.
- ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET PAVING.
- CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL NONMETALLIC PIPE.

TRAFFIC CONTROL AND SAFETY NOTES

- TRAFFIC CONTROL AND STRIPING TO CONFORM TO THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
- BARRICADING AND DETOURING SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE CURRENT M.U.T.C.D.
- NO STREET SHALL BE CLOSED TO TRAFFIC WITHOUT WRITTEN PERMISSION FROM THE APPROPRIATE AGENCY, EXCEPT WHEN DIRECTED BY LAW ENFORCEMENT OR FIRE OFFICIALS.
- THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROVIDE FOR SMOOTH TRAFFIC FLOW AND SAFETY. ACCESS SHALL BE MAINTAINED FOR ALL PROPERTIES ADJACENT TO THE WORK.
- DETOURING OPERATIONS FOR A PERIOD OF SIX CONSECUTIVE CALENDAR DAYS, OR MORE, REQUIRE THE INSTALLATION OF TEMPORARY STREET STRIPING AND REMOVAL OF INTERFERING STRIPING BY SANDBLASTING. THE DETOURING STRIPING PLAN OR CONSTRUCTION TRAFFIC CONTROL PLAN MUST BE SUBMITTED TO THE GOVERNING AGENCY FOR REVIEW AND APPROVAL.
- ALL TRAFFIC CONTROL DEVICES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE END OF THE WORK TO THE SATISFACTION OF THE GOVERNING AGENCY.
- TRAFFIC CONTROL DEVICES (TCDs) SHALL REMAIN VISIBLE AND OPERATIONAL AT ALL TIMES.
- ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
- THE CONTRACTOR SHALL PROVIDE BARRICADES, SIGNS, FLASHERS, OTHER EQUIPMENT AND FLAG PERSONS NECESSARY TO INSURE THE SAFETY OF WORKERS AND VISITORS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTAH TRANSIT AUTHORITY (UTA) IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET TO ARRANGE FOR TEMPORARY RELOCATION OF A STOP.

DEMOLITION NOTES

- EXISTING UTILITY INFORMATION SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. IT IS DERIVED FROM ON-SITE SURVEY AND MAY NOT BE LOCATED CORRECTLY AND IS NOT ALL INCLUSIVE. CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES WITHIN THE PROJECT LIMITS BEFORE BEGINNING DEMOLITION/CONSTRUCTION.
- THERE MAY BE BURIED UTILITIES WITHIN THE LIMITS OF DISTURBANCE THAT ARE NOT SHOWN ON THE PLANS DUE TO LACK OF MAPPING OR RECORD INFORMATION. CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN UNEXPECTED UTILITIES ARE DISCOVERED.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING AND PROTECTING FROM DAMAGE ALL EXISTING UTILITIES AND IMPROVEMENTS WHETHER OR NOT SHOWN ON THESE PLANS. THE FACILITIES AND IMPROVEMENTS ARE BELIEVED TO BE CORRECTLY SHOWN BUT THE CONTRACTOR IS REQUIRED TO SATISFY HIMSELF AS TO THE COMPLETENESS AND ACCURACY OF THE LOCATIONS. ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE SITE AND SHALL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY, OR INDIRECTLY, FROM HIS OPERATIONS, WHETHER OR NOT SAID FACILITIES ARE SHOWN ON THESE PLANS.

GRADING AND DRAINAGE NOTES

- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL RELATED ADDENDUMS.
- THE CONTRACTOR SHALL STRIP AND CLEAR THE TOPSOIL, MAJOR ROOTS AND ORGANIC MATERIAL FROM ALL PROPOSED BUILDING AND PAVEMENT AREAS PRIOR TO SITE GRADING. (THE TOPSOIL MAY BE STOCKPILED FOR LATER USE IN LANDSCAPED AREAS.)
- THE CONTRACTOR SHALL REMOVE ALL ORGANIC MATERIAL AND OTHER DELETERIOUS MATERIALS PRIOR TO PLACING GRADING FILL OR BASE COURSE. THE AREA SHOULD BE PROOF-ROLLED TO IDENTIFY ANY SOFT AREAS. WHERE SOFT AREAS ARE ENCOUNTERED, THE CONTRACTOR SHALL REMOVE THE SOIL AND REPLACE WITH COMPACTED FILL.
- ALL DEBRIS PILES AND BERMS SHOULD BE REMOVED AND HAULED AWAY FROM SITE OR USED AS GENERAL FILL IN LANDSCAPED AREAS.
- THE CONTRACTOR SHALL CONSTRUCT THE BUILDING PAD TO THESE DESIGN PLANS AS PART OF THE SITE GRADING CONTRACT, AND STRICTLY ADHERE TO THE SITE PREPARATION AND GRADING REQUIREMENTS OUTLINED IN THE GEOTECHNICAL REPORT.
- THE CONTRACTOR SHALL GRADE THE PROJECT SITE TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND EXISTING ASPHALT, CURB AND GUTTER, AND ADJOINING SITE IMPROVEMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE AND DEBRIS ON ADJACENT STREETS WHEN EQUIPMENT IS TRAVELING THOSE STREETS.
- THE CONTRACTOR SHALL BE FAMILIAR WITH ALL CONDITIONS AND RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT AND TAKE ALL NECESSARY PRECAUTIONS AND RECOMMENDED PROCEDURES TO ASSURE SOUND GRADING PRACTICES.
- THE CONTRACTOR SHALL TAKE APPROPRIATE GRADING MEASURES TO DIRECT STORM SURFACE RUNOFF TOWARDS CATCH BASINS.
- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON ON-SITE SURVEY. IT SHALL BE THE CONTRACTORS' FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES, AND SLOPES SHOWN.
- THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
- THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT. ALL CONTRACTOR ACTIVITIES 1 ACRE OR MORE IN SIZE ARE REQUIRED TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN.
- ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
- THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER FROM GOVERNING AGENCY.
- THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAYS IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPLILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY-OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE, AND USABLE CONDITION.

ABBREVIATIONS

| | |
|---------|--|
| APWA | AMERICAN PUBLIC WORKS ASSOCIATION |
| AR | ACCESSIBLE ROUTE |
| ASTM | AMERICAN SOCIETY FOR TESTING AND MATERIALS |
| AWWA | AMERICAN WATER WORKS ASSOCIATION |
| BOS | BOTTOM OF STEP |
| BVC | BEGIN VERTICAL CURVE |
| C | CURVE |
| CB | CATCH BASIN |
| CF | CURB FACE OR CUBIC FEET |
| CL | CENTER LINE |
| CO | CLEAN OUT |
| COMM | COMMUNICATION |
| CONC | CONCRETE |
| CONT | CONTINUOUS |
| DIA | DIAMETER |
| DIP | DUCTILE IRON PIPE |
| ELEC | ELECTRICAL |
| ELEV | ELEVATION |
| EOA | EDGE OF ASPHALT |
| EVC | END OF VERTICAL CURVE |
| EW | EACH WAY |
| EXIST | EXISTING |
| FF | FINISH FLOOR |
| FG | FINISH GRADE |
| FH | FIRE HYDRANT |
| FL | FLOW LINE OR FLANGE |
| GB | GRADE BREAK |
| GF | GARAGE FLOOR |
| GV | GATE VALVE |
| HC | HANDICAP |
| HP | HIGH POINT |
| IRR | IRRIGATION |
| K | RATE OF VERTICAL CURVATURE |
| LD | LAND DRAIN |
| LF | LINEAR FEET |
| LP | LOW POINT |
| MEX | MATCH EXISTING |
| MH | MANHOLE |
| MJ | MECHANICAL JOINT |
| NG | NATURAL GROUND |
| NIC | NOT IN CONTRACT |
| NO | NUMBER |
| NC | ON CENTER |
| OCEW | ON CENTER EACH WAY |
| OH | OVERHEAD POWER |
| PC | POINT OF CURVATURE OR PRESSURE CLASS |
| PCC | POINT OF COMPOUND CURVATURE |
| PI | POINT OF INTERSECTION |
| PIV | POST INDICATOR VALVE |
| PL | PROPERTY LINE |
| PRC | POINT OF REVERSE CURVATURE |
| PRO | PROPOSED |
| PT | POINT OF TANGENCY |
| PVC | POINT OF VERTICAL CURVATURE |
| PVI | POINT OF VERTICAL INTERSECTION |
| PVT | POINT OF VERTICAL TANGENCY |
| R | RADIUS |
| RD | ROOF DRAIN |
| ROW | RIGHT OF WAY |
| S | SLOPE |
| SAN SWR | SANITARY SEWER |
| SD | STORM DRAIN |
| SEC | SECONDARY |
| SS | SANITARY SEWER |
| STA | STATION |
| SW | SECONDARY WATER LINE |
| TBC | TOP BACK OF CURB |
| TOG | TOP OF GRATE |
| TOA | TOP OF ASPHALT |
| TCC | TOP OF CONCRETE |
| TOF | TOP OF FOUNDATION |
| TOW | TOP OF WALL |
| TOS | TOP OF STEP |
| TYP | TYPICAL |
| VC | VERTICAL CURVE |
| WV | WALL INDICATOR VALVE |
| W | WATER LINE |

NOTE: MAY CONTAIN ABBREVIATIONS THAT ARE NOT USED IN THIS PLAN SET.

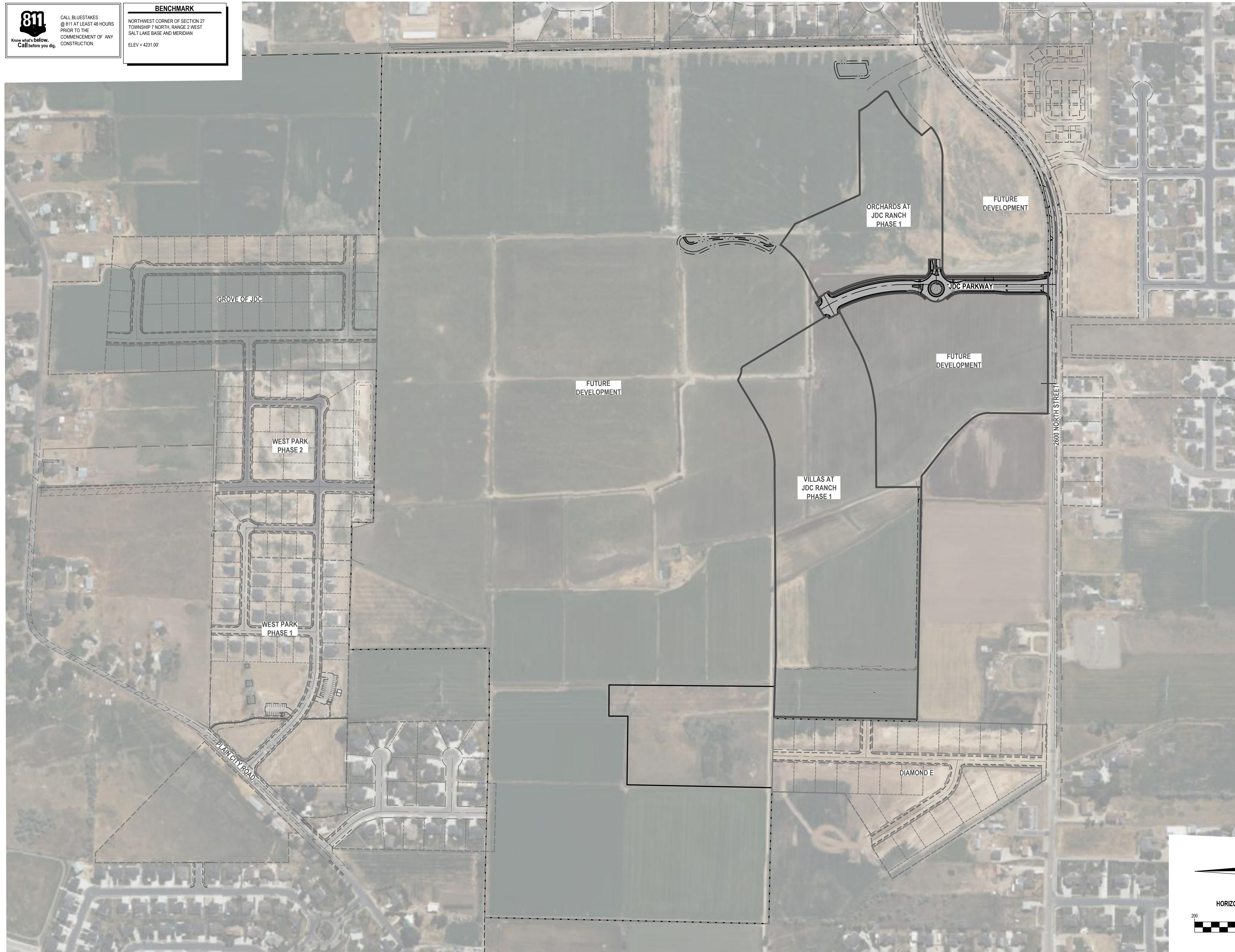
LEGEND

| | | | |
|--|-------------------------------------|--|--------------------------------------|
| | SECTION CORNER | | EXISTING EDGE OF ASPHALT |
| | EXISTING MONUMENT | | PROPOSED EDGE OF ASPHALT |
| | PROPOSED MONUMENT | | EXISTING STRIPING |
| | PROPOSED STRIPING | | PROPOSED STRIPING |
| | SET ENSIGN REBAR AND CAP | | EXISTING FENCE |
| | EXISTING WATER METER | | PROPOSED FENCE |
| | PROPOSED WATER METER | | EXISTING FLOW LINE |
| | EXISTING WATER MANHOLE | | EXISTING WATER MANHOLE |
| | PROPOSED WATER MANHOLE | | GRADE BREAK |
| | EXISTING WATER BOX | | EXISTING STORM DRAIN LINE |
| | EXISTING WATER VALVE | | PROPOSED STORM DRAIN LINE |
| | PROPOSED WATER VALVE | | ROOF DRAIN LINE |
| | EXISTING FIRE HYDRANT | | CATCHMENTS |
| | PROPOSED FIRE HYDRANT | | HIGHWATER LINE |
| | PROPOSED FIRE DEPARTMENT CONNECTION | | EXISTING SANITARY SEWER |
| | EXISTING SECONDARY WATER VALVE | | PROPOSED SANITARY SEWER LINE |
| | PROPOSED SECONDARY WATER VALVE | | PROPOSED SAN. SWR. SERVICE LINE |
| | EXISTING IRRIGATION BOX | | EXISTING LAND DRAIN LINE |
| | EXISTING IRRIGATION VALVE | | PROPOSED LAND DRAIN LINE |
| | PROPOSED IRRIGATION VALVE | | PROPOSED LAND DRAIN SERVICE LINE |
| | EXISTING SANITARY SEWER MANHOLE | | EXISTING CULINARY WATER LINE |
| | PROPOSED SANITARY SEWER MANHOLE | | PROPOSED CULINARY WATER SERVICE LINE |
| | EXISTING SANITARY CLEAN OUT | | EXISTING SECONDARY WATER LINE |
| | EXISTING STORM DRAIN CLEAN OUT BOX | | PROPOSED STORM DRAIN CLEAN OUT BOX |
| | EXISTING STORM DRAIN CLEAN OUT | | PROPOSED STORM DRAIN CLEAN OUT BOX |
| | EXISTING STORM DRAIN CATCH BASIN | | PROPOSED STORM DRAIN CLEAN OUT BOX |
| | PROPOSED STORM DRAIN CATCH BASIN | | EXISTING STORM DRAIN INLET BOX |
| | EXISTING STORM DRAIN COMBO BOX | | EXISTING IRRIGATION LINE |
| | PROPOSED STORM DRAIN COMBO BOX | | PROPOSED IRRIGATION LINE |
| | EXISTING STORM DRAIN CULVERT | | EXISTING OVERHEAD POWER LINE |
| | PROPOSED STORM DRAIN CULVERT | | EXISTING ELECTRICAL LINE |
| | TEMPORARY SAG INLET PROTECTION | | EXISTING GAS LINE |
| | TEMPORARY IN-LINE INLET PROTECTION | | EXISTING TELEPHONE LINE |
| | ROOF DRAIN | | ACCESSIBLE ROUTE |
| | EXISTING ELECTRICAL MANHOLE | | SAW CUT LINE |
| | EXISTING ELECTRICAL BOX | | STRAW WATTLE |
| | EXISTING TRANSFORMER | | TEMPORARY BERM |
| | EXISTING UTILITY POLE | | TEMPORARY SILT FENCE |
| | EXISTING LIGHT | | LIMITS OF DISTURBANCE |
| | PROPOSED LIGHT | | EXISTING WALL |
| | EXISTING GAS METER | | PROPOSED WALL |
| | EXISTING GAS MANHOLE | | EXISTING CONTOURS |
| | EXISTING TELEPHONE MANHOLE | | PROPOSED CONTOURS |
| | EXISTING TELEPHONE BOX | | BUILDABLE AREA WITHIN SETBACKS |
| | EXISTING TRAFFIC SIGNAL BOX | | PUBLIC DRAINAGE EASEMENT |
| | PROPOSED TRAFFIC SIGNAL BOX | | EXISTING ASPHALT TO BE REMOVED |
| | PROPOSED CABLE BOX | | PROPOSED ASPHALT |
| | EXISTING BOLLARD | | EXISTING CURB AND GUTTER |
| | PROPOSED BOLLARD | | PROPOSED CURB AND GUTTER |
| | EXISTING SIGN | | PROPOSED REVERSE PAN CURB AND GUTTER |
| | PROPOSED SIGN | | TRANSITION TO REVERSE PAN CURB |
| | EXISTING SPOT ELEVATION | | CONCRETE TO BE REMOVED |
| | PROPOSED SPOT ELEVATION | | EXISTING CONCRETE |
| | EXISTING FLOW DIRECTION | | PROPOSED CONCRETE |
| | EXISTING TREE | | BUILDING TO BE REMOVED |
| | DENSE VEGETATION | | EXISTING BUILDING |
| | DENSE VEGETATION | | PROPOSED BUILDING |

NOTE: MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PLAN SET.

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

BENCHMARK
 NORTHWEST CORNER OF SECTION 27
 TOWNSHIP 7 NORTH, RANGE 2 WEST
 SALT LAKE BASE AND MERIDIAN
 ELEV = 4231.00'



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2800 WEST 2600 NORTH STREET

WEBER COUNTY, UTAH

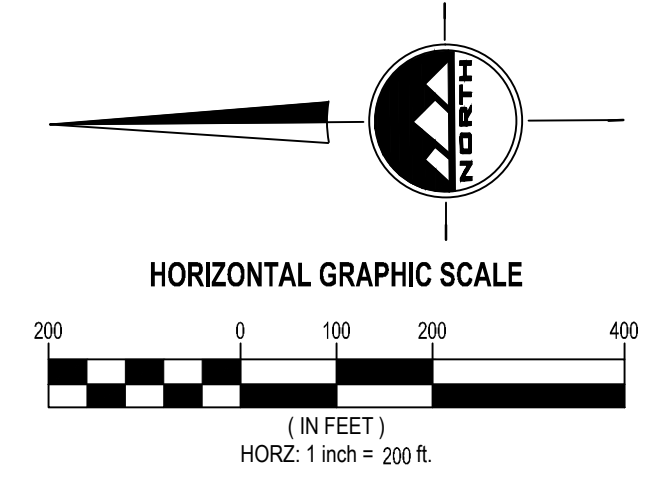


| NO. | DATE | REVISION |
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| | | FOR REVIEW |

**OVERALL DEVELOPMENT
 SITE PLAN**

PROJECT NUMBER: 9872
 PRINT DATE: 2024-01-04
 PROJECT MANAGER: CP
 DESIGNED BY: TS

C-002

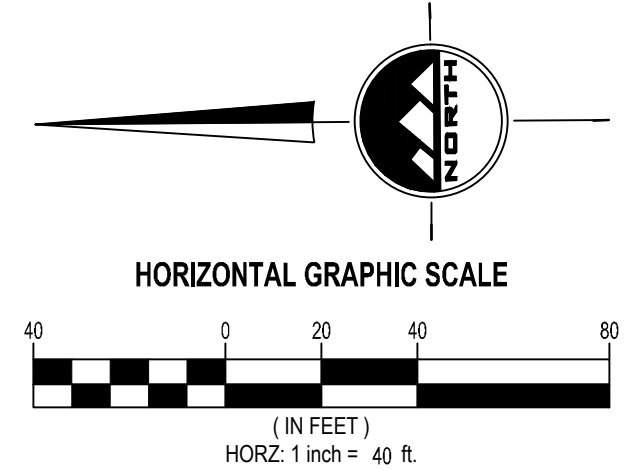
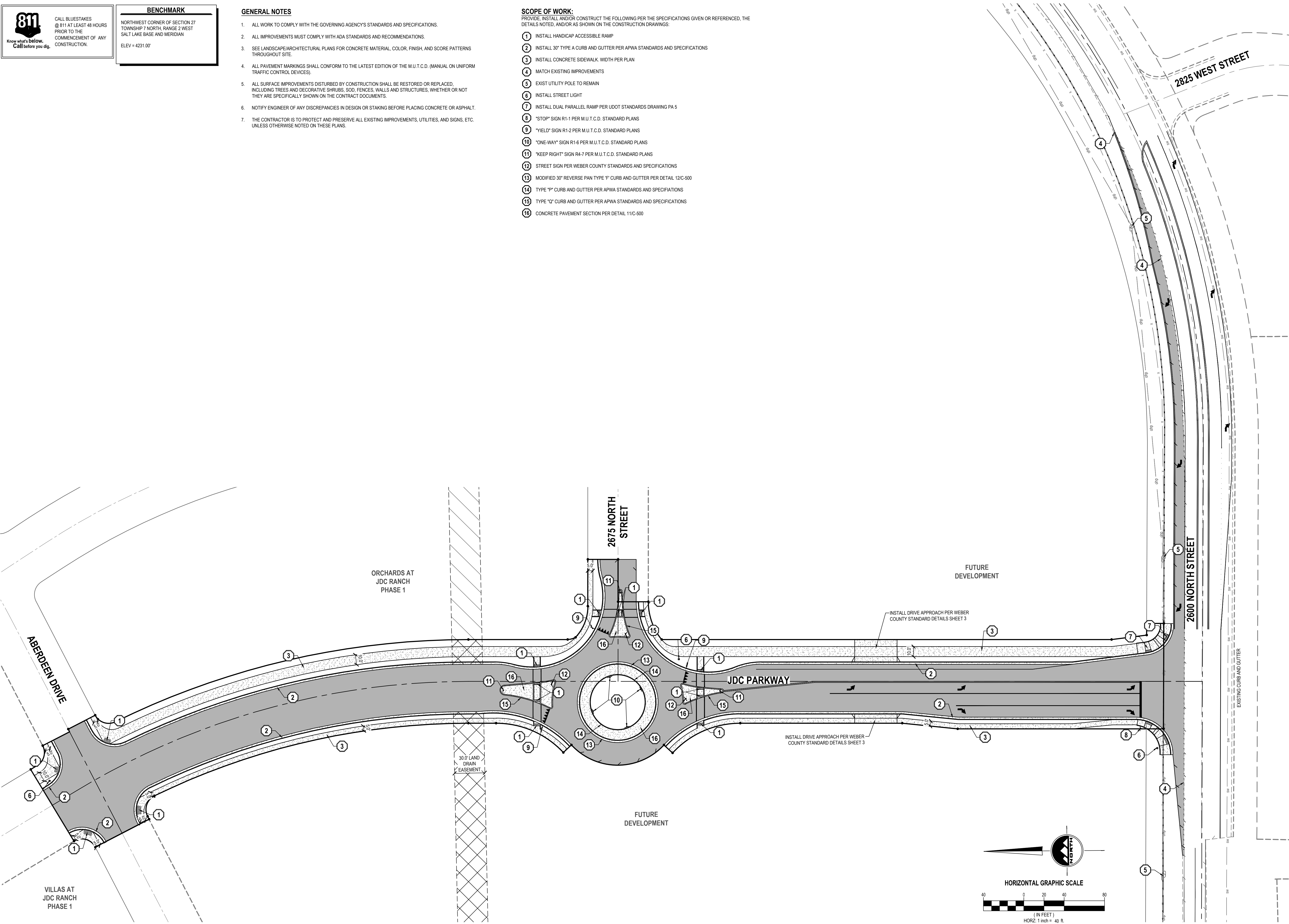




| BENCHMARK | |
|---|-----------------|
| NORTHWEST CORNER OF SECTION 27 TOWNSHIP 7 NORTH, RANGE 2 WEST SALT LAKE BASE AND MERIDIAN | ELEV = 4231.00' |

- GENERAL NOTES**
- ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
 - ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
 - SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, AND SCORE PATTERNS THROUGHOUT SITE.
 - ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
 - ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOO, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
 - NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT.
 - THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

- SCOPE OF WORK:**
PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
- INSTALL HANDICAP ACCESSIBLE RAMP
 - INSTALL 30" TYPE A CURB AND GUTTER PER APWA STANDARDS AND SPECIFICATIONS
 - INSTALL CONCRETE SIDEWALK, WIDTH PER PLAN
 - MATCH EXISTING IMPROVEMENTS
 - EXIST UTILITY POLE TO REMAIN
 - INSTALL STREET LIGHT
 - INSTALL DUAL PARALLEL RAMP PER UDOT STANDARDS DRAWING PA 5
 - "STOP" SIGN R1-1 PER M.U.T.C.D. STANDARD PLANS
 - "YIELD" SIGN R1-2 PER M.U.T.C.D. STANDARD PLANS
 - "ONE-WAY" SIGN R1-6 PER M.U.T.C.D. STANDARD PLANS
 - "KEEP RIGHT" SIGN R4-7 PER M.U.T.C.D. STANDARD PLANS
 - STREET SIGN PER WEBER COUNTY STANDARDS AND SPECIFICATIONS
 - MODIFIED 30" REVERSE PAN TYPE "F" CURB AND GUTTER PER DETAIL 12/C-500
 - TYPE "P" CURB AND GUTTER PER APWA STANDARDS AND SPECIFICATIONS
 - TYPE "Q" CURB AND GUTTER PER APWA STANDARDS AND SPECIFICATIONS
 - CONCRETE PAVEMENT SECTION PER DETAIL 11/C-500



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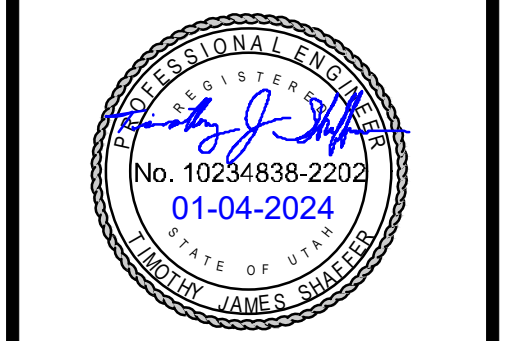
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STEVE ANDERSON
PHONE: 801.392.8100

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SITE PLAN

PROJECT NUMBER 9872 PRINT DATE 2024-01-04
PROJECT MANAGER CP DESIGNED BY TS

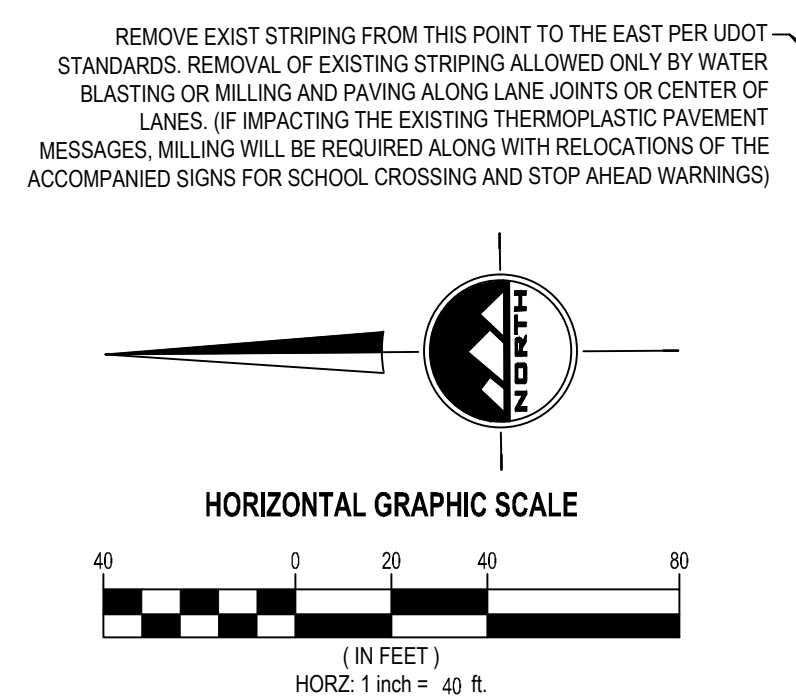
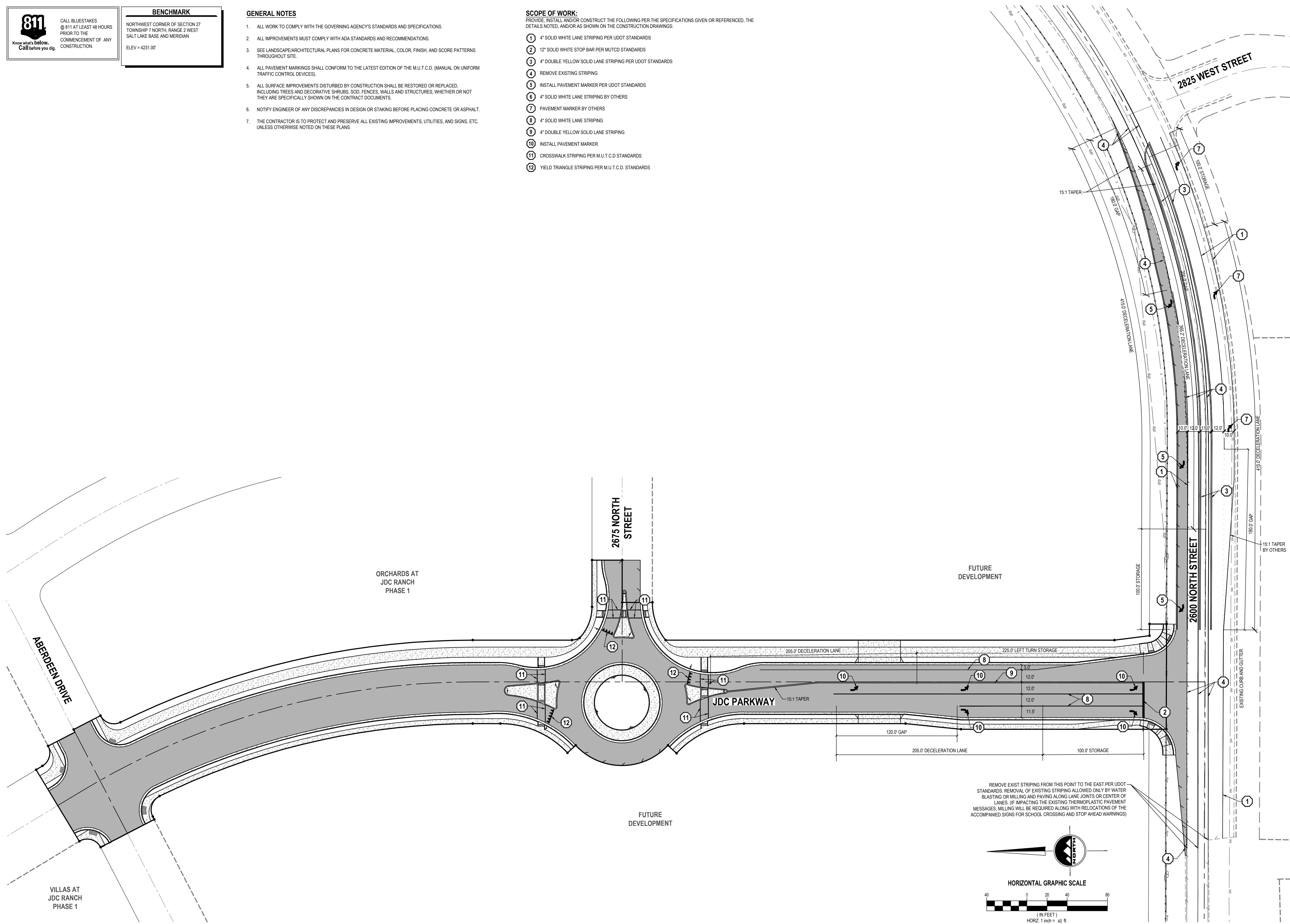
C-100



BENCHMARK
 NORTHWEST CORNER OF SECTION 27
 TOWNSHIP 7 NORTH, RANGE 2 WEST
 SALT LAKE BASE AND MERIDIAN
 ELEV = 4231.00'

- GENERAL NOTES**
1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
 2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
 3. SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, AND SCORE PATTERNS THROUGHOUT SITE.
 4. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
 5. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOO, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
 6. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT.
 7. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

- SCOPE OF WORK:**
 PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
- 1 4" SOLID WHITE LANE STRIPING PER UDOT STANDARDS
 - 2 12" SOLID WHITE STOP BAR PER MUTCD STANDARDS
 - 3 4" DOUBLE YELLOW SOLID LANE STRIPING PER UDOT STANDARDS
 - 4 REMOVE EXISTING STRIPING
 - 5 INSTALL PAVEMENT MARKER PER UDOT STANDARDS
 - 6 4" SOLID WHITE LANE STRIPING BY OTHERS
 - 7 PAVEMENT MARKER BY OTHERS
 - 8 4" SOLID WHITE LANE STRIPING
 - 9 4" DOUBLE YELLOW SOLID LANE STRIPING
 - 10 INSTALL PAVEMENT MARKER
 - 11 CROSSWALK STRIPING PER M.U.T.C.D. STANDARDS
 - 12 YIELD TRIANGLE STRIPING PER M.U.T.C.D. STANDARDS



REMOVE EXIST STRIPING FROM THIS POINT TO THE EAST PER UDOT STANDARDS. REMOVAL OF EXISTING STRIPING ALLOWED ONLY BY WATER BLASTING OR MILLING AND PAVING ALONG LANE JOINTS OR CENTER OF LANES. (IF IMPACTING THE EXISTING THERMOPLASTIC PAVEMENT MESSAGES, MILLING WILL BE REQUIRED ALONG WITH RELOCATIONS OF THE ACCOMPANIED SIGNS FOR SCHOOL CROSSING AND STOP AHEAD WARNINGS)

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 WEBER COUNTY, UTAH

PROFESSIONAL ENGINEER
 No. 10234838-2202
 01-04-2024
 STATE OF UTAH
 ENGINEER JAMES WEAVER

NO. DATE REVISION FOR REVIEW

STRIPING PLAN

PROJECT NUMBER 9872 PRINT DATE 2024-01-04
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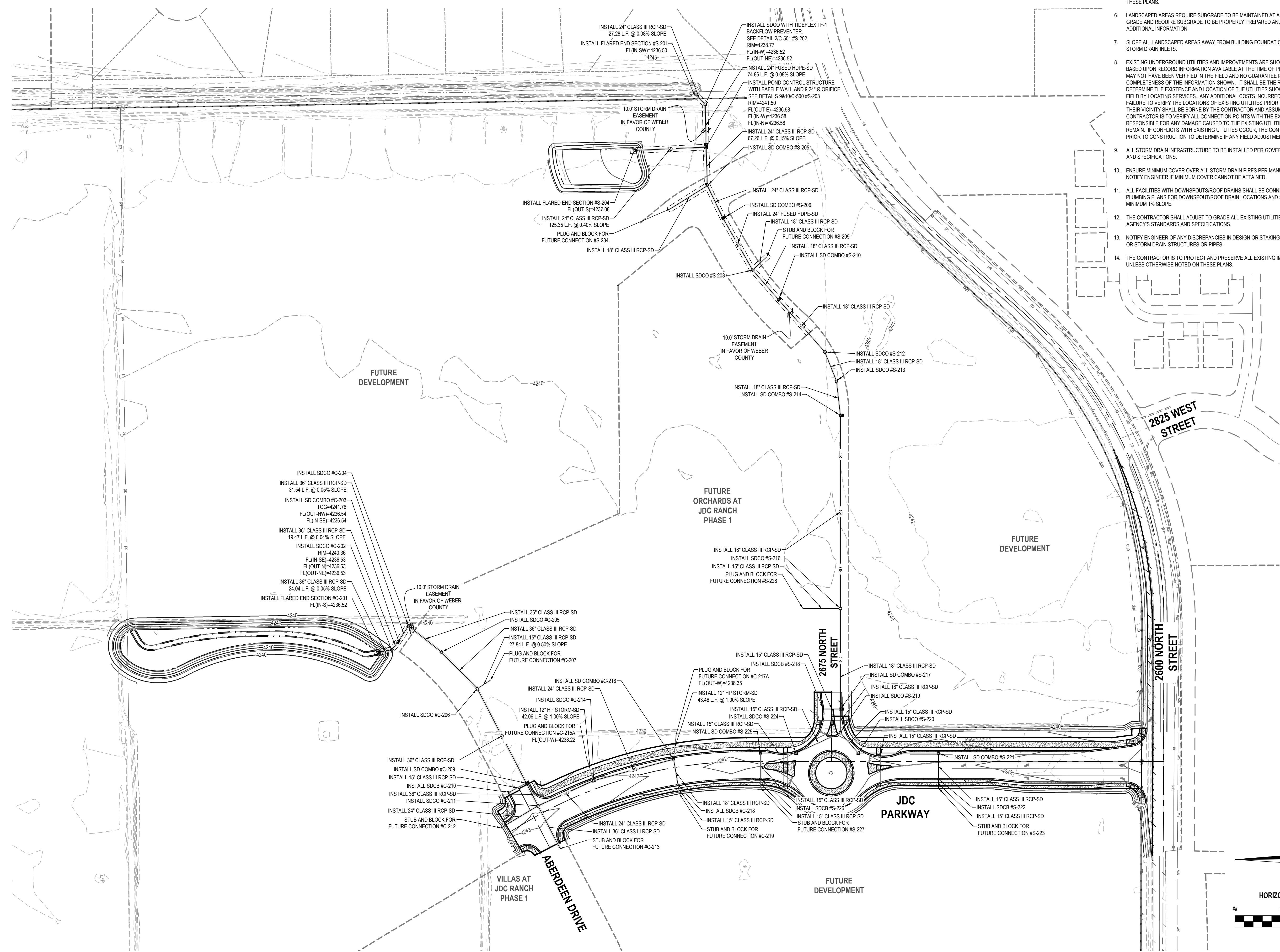
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BENCHMARK

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- GENERAL NOTES**
1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
 2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
 3. ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.
 4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
 5. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY. XX.XX REPRESENTS AN ELEVATION OF 48XX.XX ON THESE PLANS.
 6. LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIED ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
 7. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.
 8. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
 9. ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
 10. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.
 11. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE MINIMUM 1% SLOPE.
 12. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
 13. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
 14. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.



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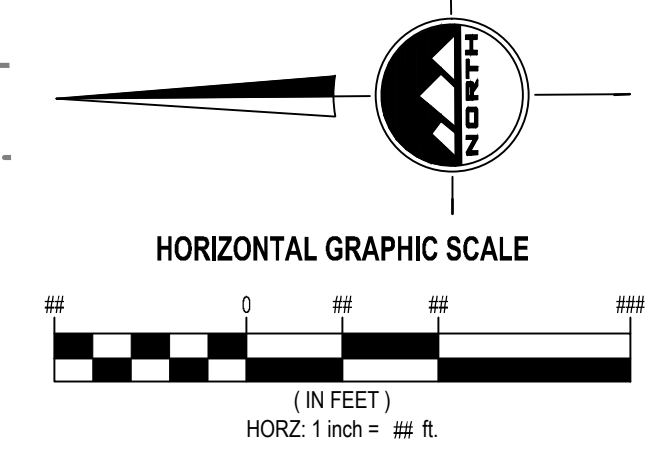


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OVERALL GRADING AND DRAINAGE PLAN

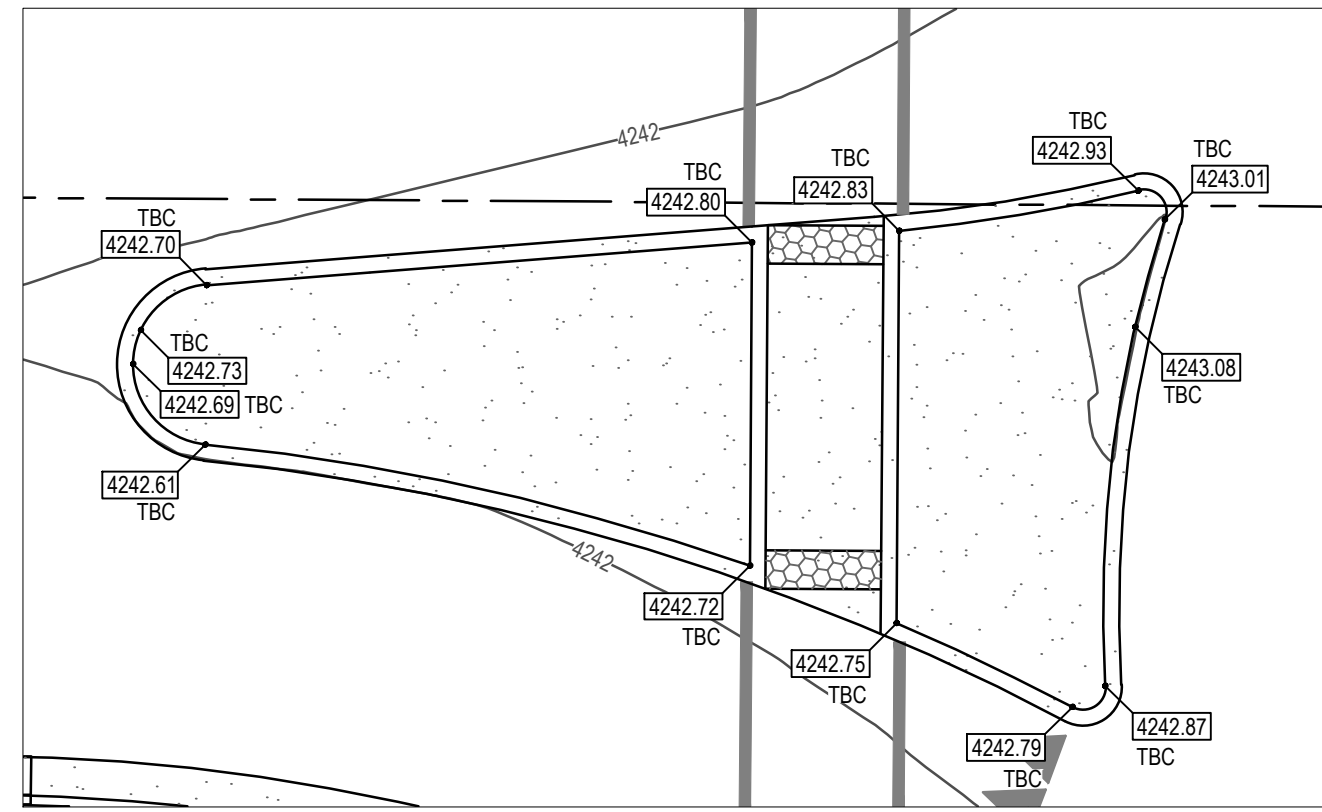
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PROJECT MANAGER: CP
DESIGNED BY: TS

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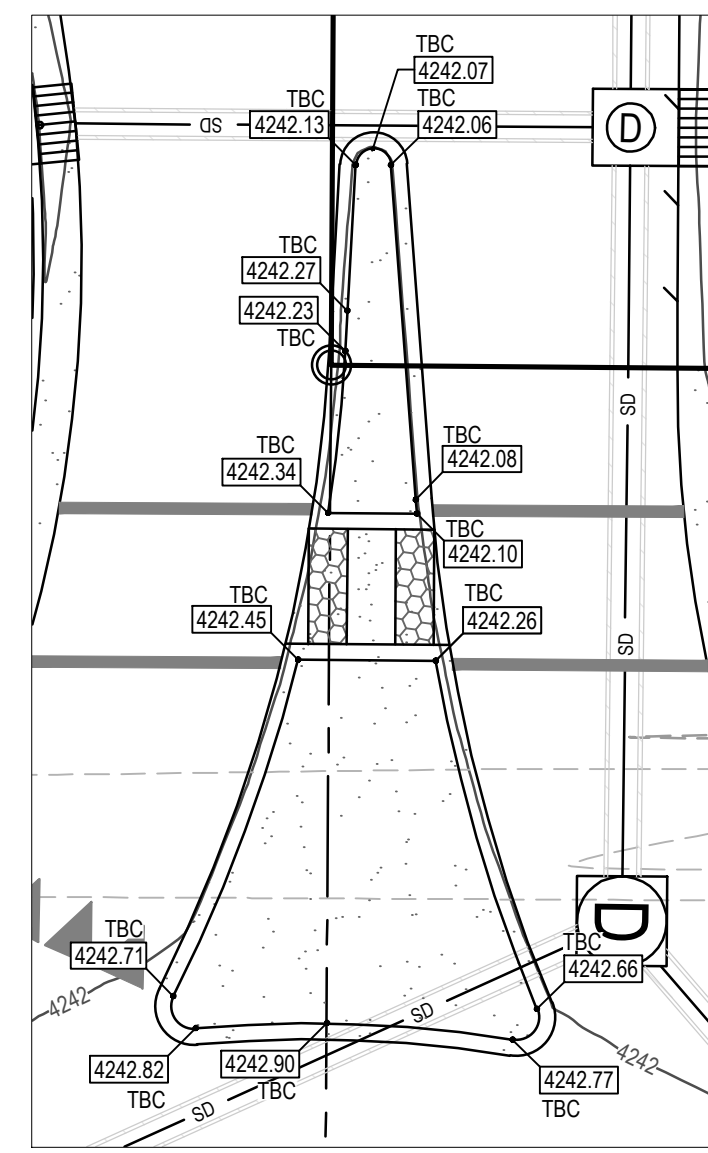


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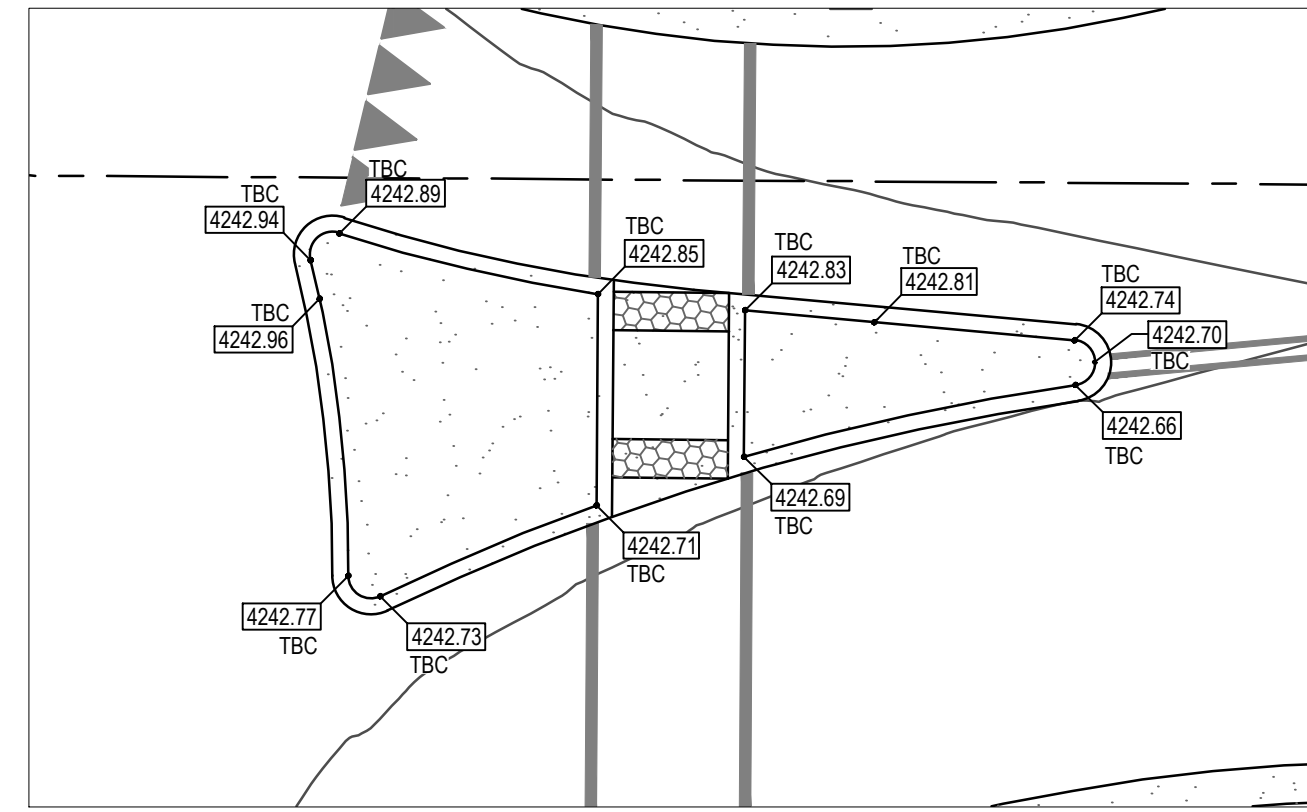
BENCHMARK
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TOWNSHIP 7 NORTH, RANGE 2 WEST
SALT LAKE BASE AND MERIDIAN
ELEV = 4231.00'



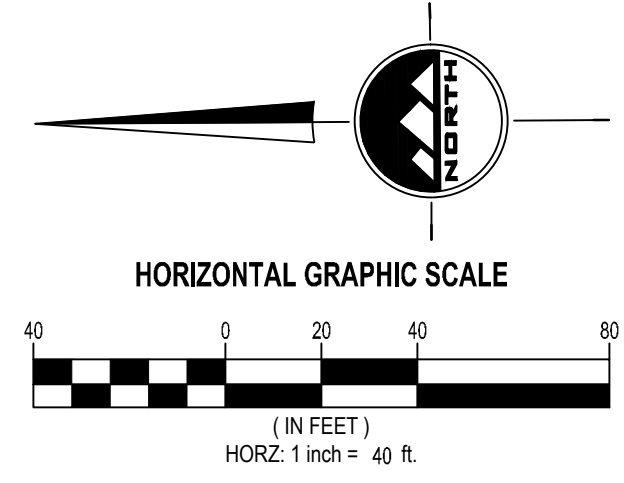
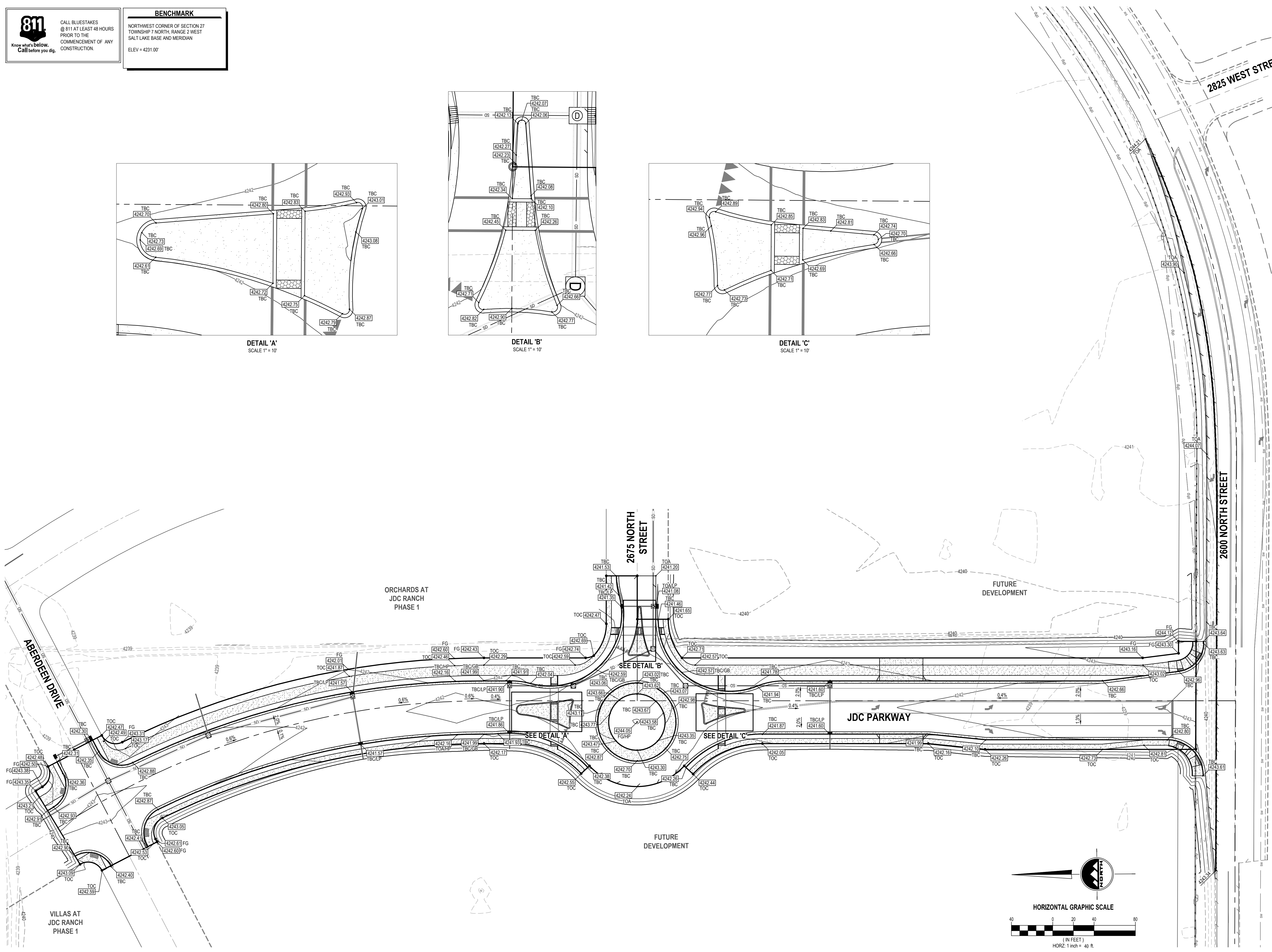
DETAIL 'A'
SCALE 1" = 10'



DETAIL 'B'
SCALE 1" = 10'



DETAIL 'C'
SCALE 1" = 10'



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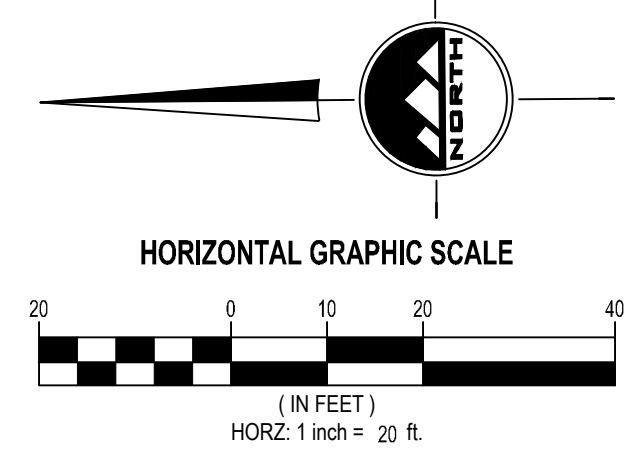
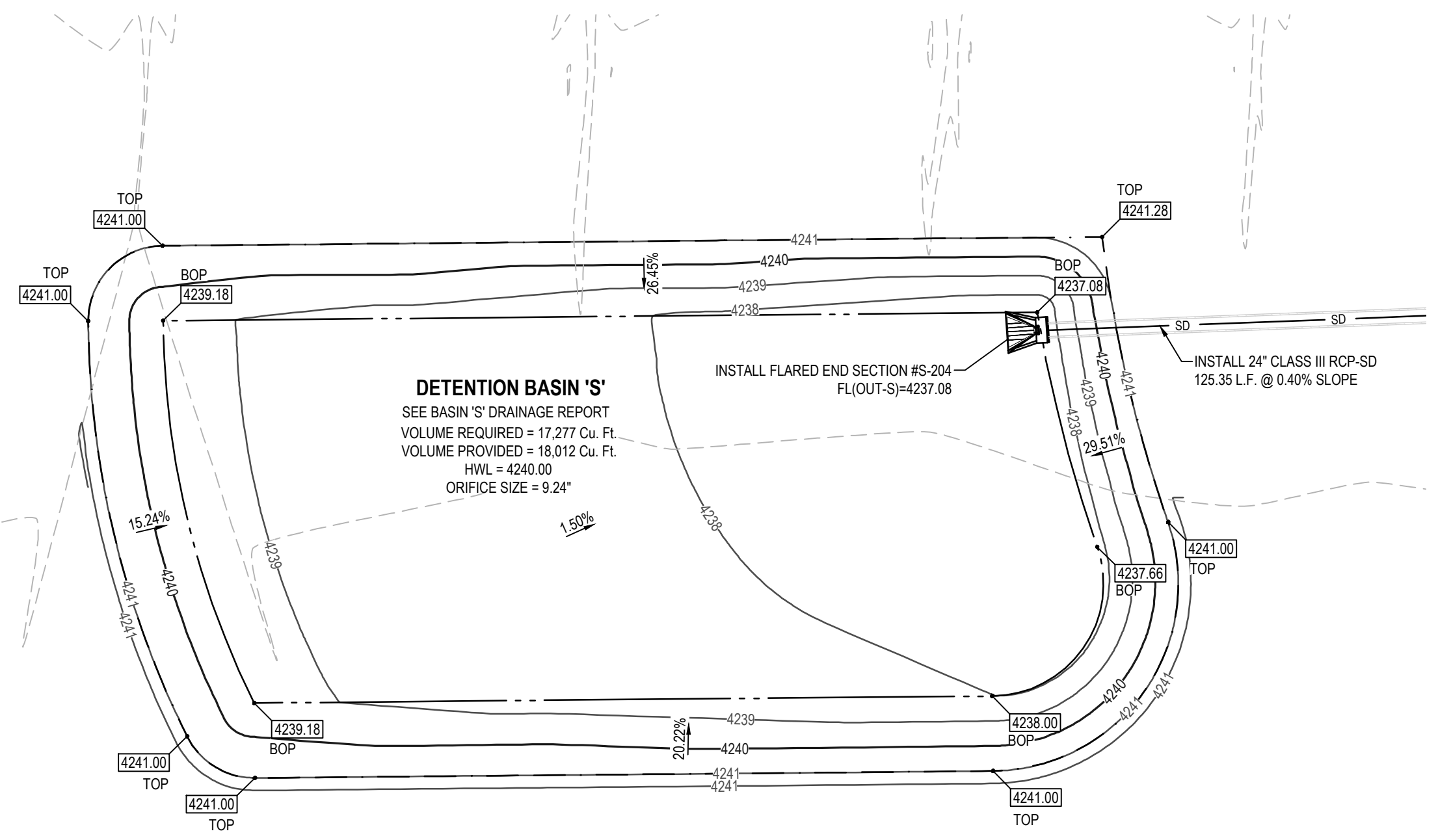
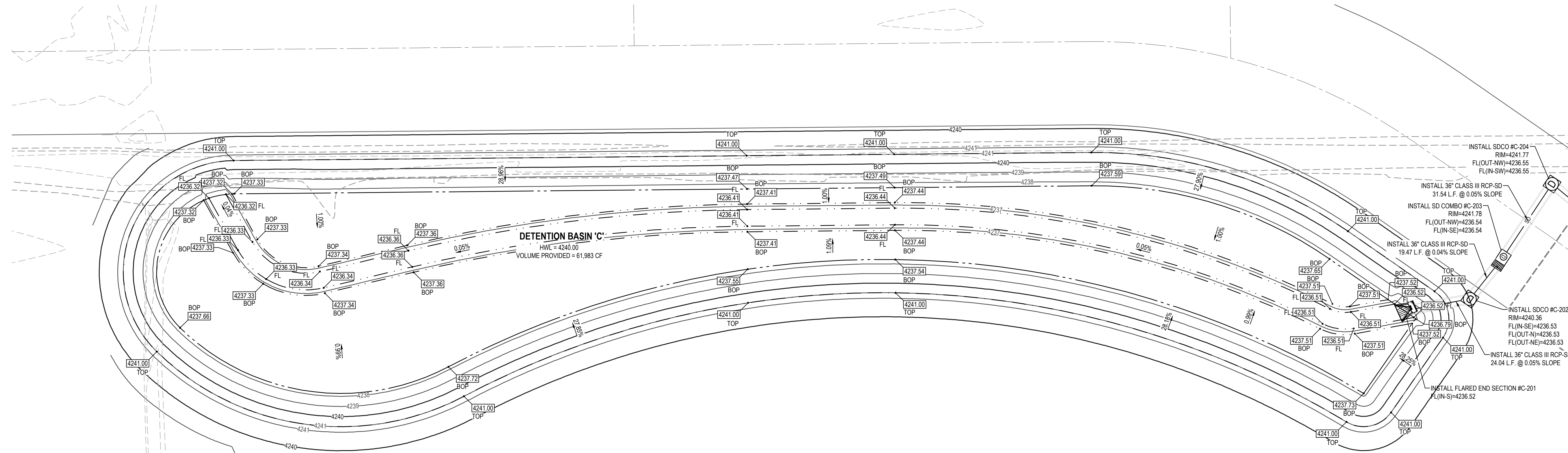
GRADING AND DRAINAGE PLAN

PROJECT NUMBER 9872 PRINT DATE 2024-01-04
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BENCHMARK
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GRADING AND DRAINAGE PLAN

PROJECT NUMBER: 9872
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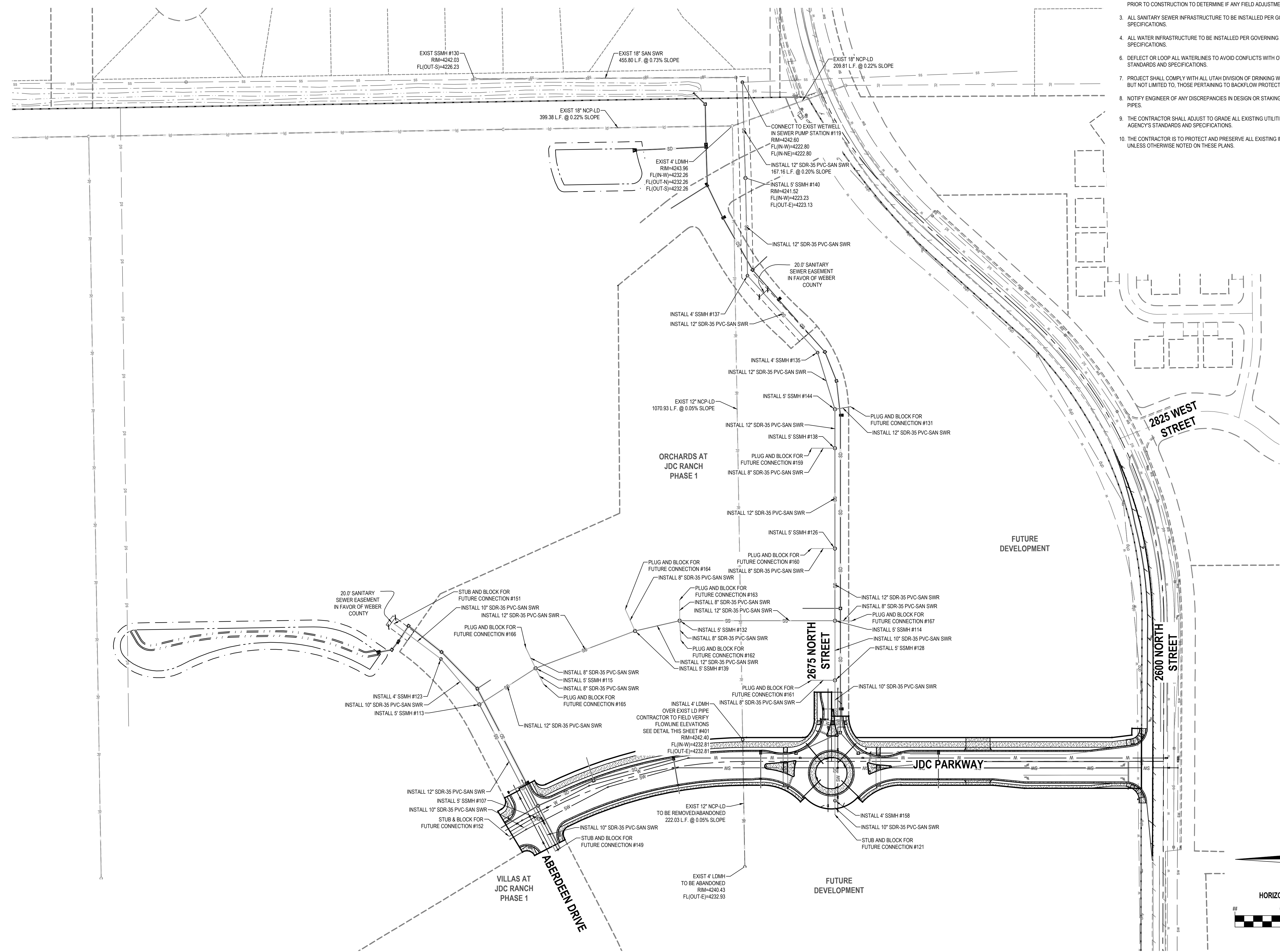
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- GENERAL NOTES**
1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
 2. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
 3. ALL SANITARY SEWER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY STANDARD PLANS AND SPECIFICATIONS.
 4. ALL WATER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
 5. DEFLECT OR LOOP ALL WATERLINES TO AVOID CONFLICTS WITH OTHER UTILITIES PER GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
 6. PROJECT SHALL COMPLY WITH ALL UTAH DIVISION OF DRINKING WATER RULES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THOSE PERTAINING TO BACKFLOW PROTECTION AND CROSS CONNECTION PREVENTION.
 7. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING UTILITY STRUCTURES OR PIPES.
 8. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
 9. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

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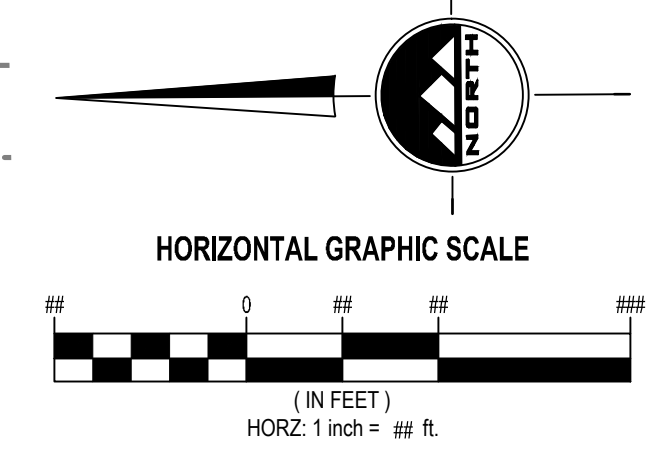


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OVERALL UTILITY PLAN

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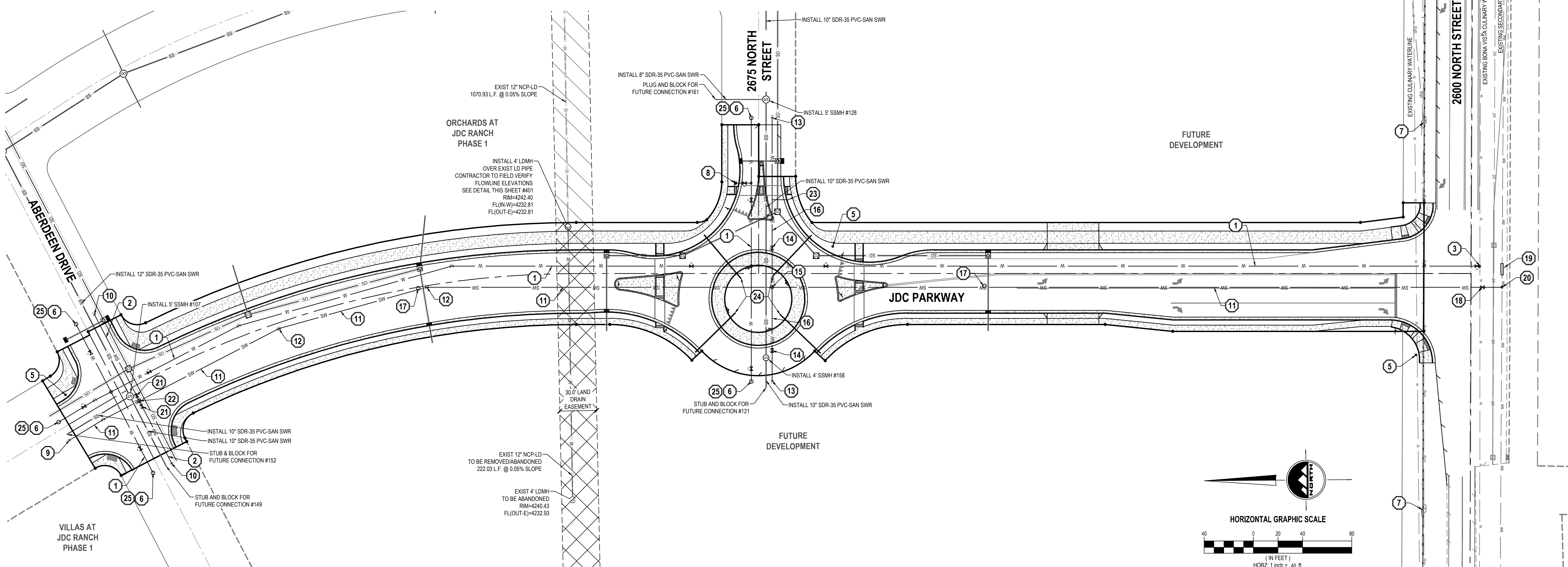




| BENCHMARK | |
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| SALT LAKE BASE AND MERIDIAN | |
| ELEV = 4231.00' | |

SCOPE OF WORK:

- PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
- 1 INSTALL 8" C900 DR18 PVC CULINARY WATERLINE PER BONA VISTA WATER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS
 - 2 INSTALL 8" C900 DR18 PVC "PURPLE" SECONDARY WATERLINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 3 FIELD LOCATE AND HOT TAP TO EXISTING CULINARY WATERLINE PER BONA VISTA WATER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS
 - 4 NOT USED
 - 5 INSTALL STREET LIGHT PER WEBER COUNTY STANDARDS AND SPECIFICATIONS. COORDINATE ALL PROPOSED STREET LIGHT LOCATIONS WITH WEBER COUNTY AND THE STREET LIGHT INSTALLATION WITH ROCKY MOUNTAIN POWER.
 - 6 PLUG AND BLOCK FOR FUTURE CONNECTION
 - 7 EXISTING POWER POLE
 - 8 INSTALL FIRE HYDRANT AND VALVE PER BONA VISTA WATER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS.
 - 9 INSTALL 10" MJ CAP PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 10 INSTALL 8" MJ CAP PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 11 INSTALL 10" C900 DR18 PVC "PURPLE" SECONDARY WATERLINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 12 INSTALL 22.5" MJ BEND PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 13 INSTALL 6" MJ CAP PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 14 INSTALL 6" MJ GATE VALVE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 15 INSTALL 10"x6" MJ CROSS PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 16 INSTALL 6" C900 CR18 PVC "PURPLE" SECONDARY WATERLINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 17 INSTALL 2" DRAIN VALVE (TYPE B) PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 18 INSTALL 10" FLG X MJ GATE VALVE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 19 INSTALL 16" MACRO SLEEVE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 20 INSTALL 16" MJ X 10" FLG TEE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 21 INSTALL 8" FLG X MJ GATE VALVE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 22 INSTALL 10" MJ X 8" FLG CROSS PER PINEVIEW SYSTEMS STANDARDS AND SPECIFICATIONS
 - 23 INSTALL 1" SECONDARY WATER SERVICE WITH METER PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - 24 INSTALL 3" SCHEDULE 40 PVC SECONDARY WATERLINE SLEEVE
 - 25 INSTALL 2" TEMPORARY VANGUARD BLOW-OFF VALVE PER BONA VISTA STANDARD DETAIL BV-05 AND SPECIFICATIONS.



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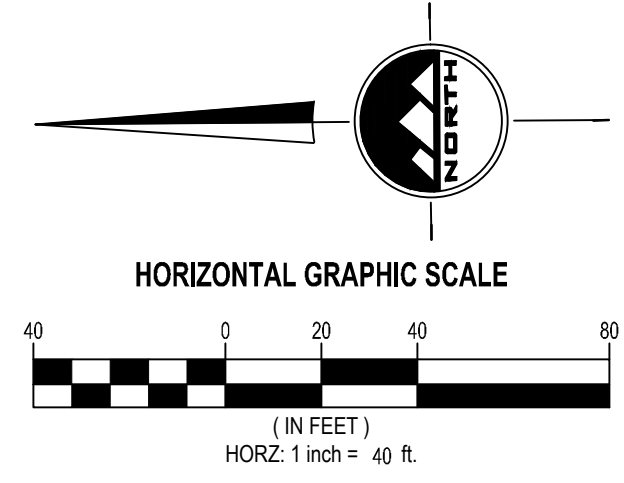


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UTILITY PLAN

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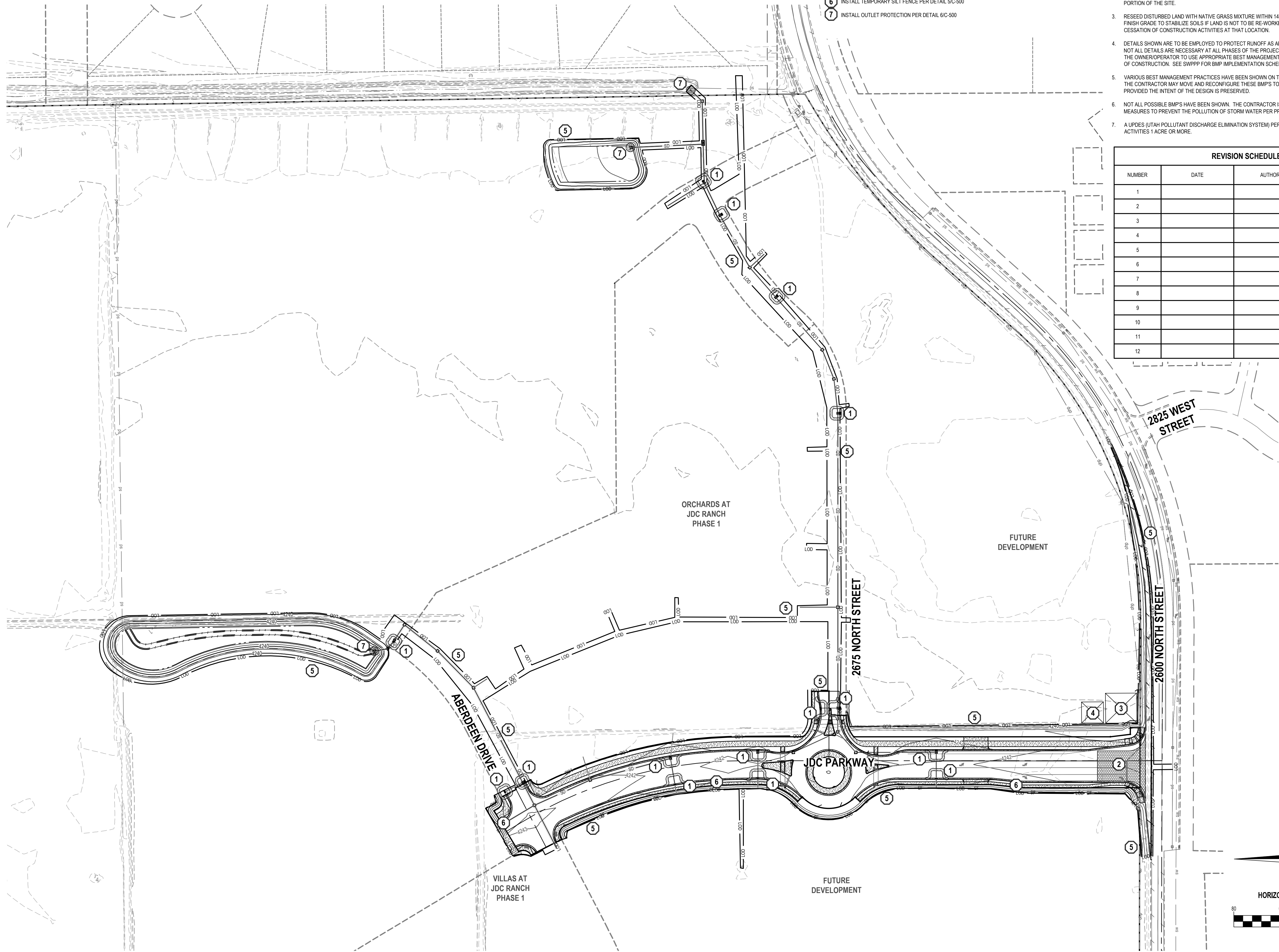


BENCHMARK
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 PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
- 1 INLET PROTECTION PER DETAIL 1/C-500.
 - 2 VEHICLE WASHDOWN AND STABILIZED CONSTRUCTION ENTRANCE PER DETAIL 2/C-500.
 - 3 SUGGESTED TEMPORARY CONSTRUCTION SITE PARKING, STAGING, DUMPSTER, AND MATERIAL STORAGE AREA.
 - 4 CONCRETE CLEANOUT LINED BASIN OR DUMPSTER
 - 5 LIMITS OF DISTURBANCE
 - 6 INSTALL TEMPORARY SILT FENCE PER DETAIL 5/C-500
 - 7 INSTALL OUTLET PROTECTION PER DETAIL 6/C-500

- GENERAL NOTES**
1. THIS PLAN IS DESIGNED AS A FIRST APPRAISAL OF NECESSARY MEANS TO PROTECT THE WATERS OF THE STATE FROM POTENTIAL POLLUTION. IT IS THE RESPONSIBILITY OF THE OWNER/OPERATOR TO ADD WARRANTED BEST MANAGEMENT PRACTICES (BMP'S) AS NECESSARY, MODIFY THOSE SHOWN AS APPROPRIATE, AND DELETE FROM THE PROJECT THOSE FOUND TO BE UNNECESSARY. FEDERAL AND STATE LAW ALLOWS THESE UPDATES TO BE MADE BY THE OWNER/OPERATOR ONSITE AND RECORDED BY THE OWNER/OPERATOR ON THE COPY OF THE SWPPP KEPT ONSITE.
 2. DISTURBED LAND SHALL BE KEPT TO A MINIMUM. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. HOWEVER, WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 21 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
 3. RESEED DISTURBED LAND WITH NATIVE GRASS MIXTURE WITHIN 14 CALENDAR DAYS OF ACHIEVEMENT OF FINISH GRADE TO STABILIZE SOILS IF LAND IS NOT TO BE RE-WORKED WITHIN 14 CALENDAR DAYS OF THE CESSATION OF CONSTRUCTION ACTIVITIES AT THAT LOCATION.
 4. DETAILS SHOWN ARE TO BE EMPLOYED TO PROTECT RUNOFF AS APPROPRIATE DURING CONSTRUCTION. NOT ALL DETAILS ARE NECESSARY AT ALL PHASES OF THE PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE OWNER/OPERATOR TO USE APPROPRIATE BEST MANAGEMENT PRACTICES AT THE APPROPRIATE PHASE OF CONSTRUCTION. SEE SWPPP FOR BMP IMPLEMENTATION SCHEDULE.
 5. VARIOUS BEST MANAGEMENT PRACTICES HAVE BEEN SHOWN ON THE PLANS AT SUGGESTED LOCATIONS. THE CONTRACTOR MAY MOVE AND RECONFIGURE THESE BMP'S TO OTHER LOCATIONS IF PREFERRED, PROVIDED THE INTENT OF THE DESIGN IS PRESERVED.
 6. NOT ALL POSSIBLE BMP'S HAVE BEEN SHOWN. THE CONTRACTOR IS RESPONSIBLE TO APPLY CORRECT MEASURES TO PREVENT THE POLLUTION OF STORM WATER PER PROJECT SWPPP.
 7. A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES 1 ACRE OR MORE.

| REVISION SCHEDULE | | | |
|-------------------|------|--------|----------------------------------|
| NUMBER | DATE | AUTHOR | COMPANY REPRESENTATIVE SIGNATURE |
| 1 | | | |
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SANDY
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TOOELE
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CONTACT:
 STEVE ANDERSON
 PHONE: 801.392.8100

JDC PARKWAY

2800 WEST 2600 NORTH STREET

WEBER COUNTY, UTAH



| NO. | DATE | REVISION FOR REVIEW |
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EROSION CONTROL PLAN

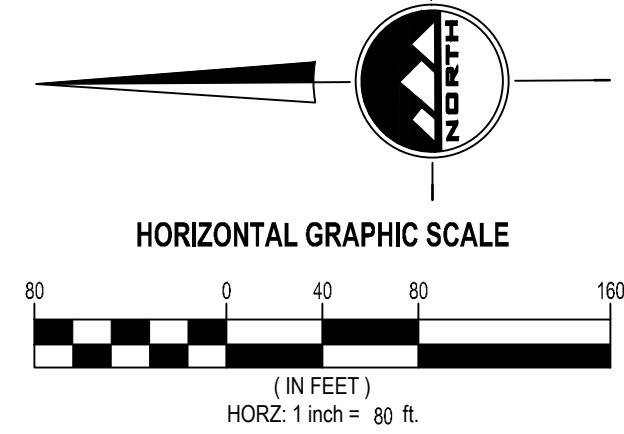
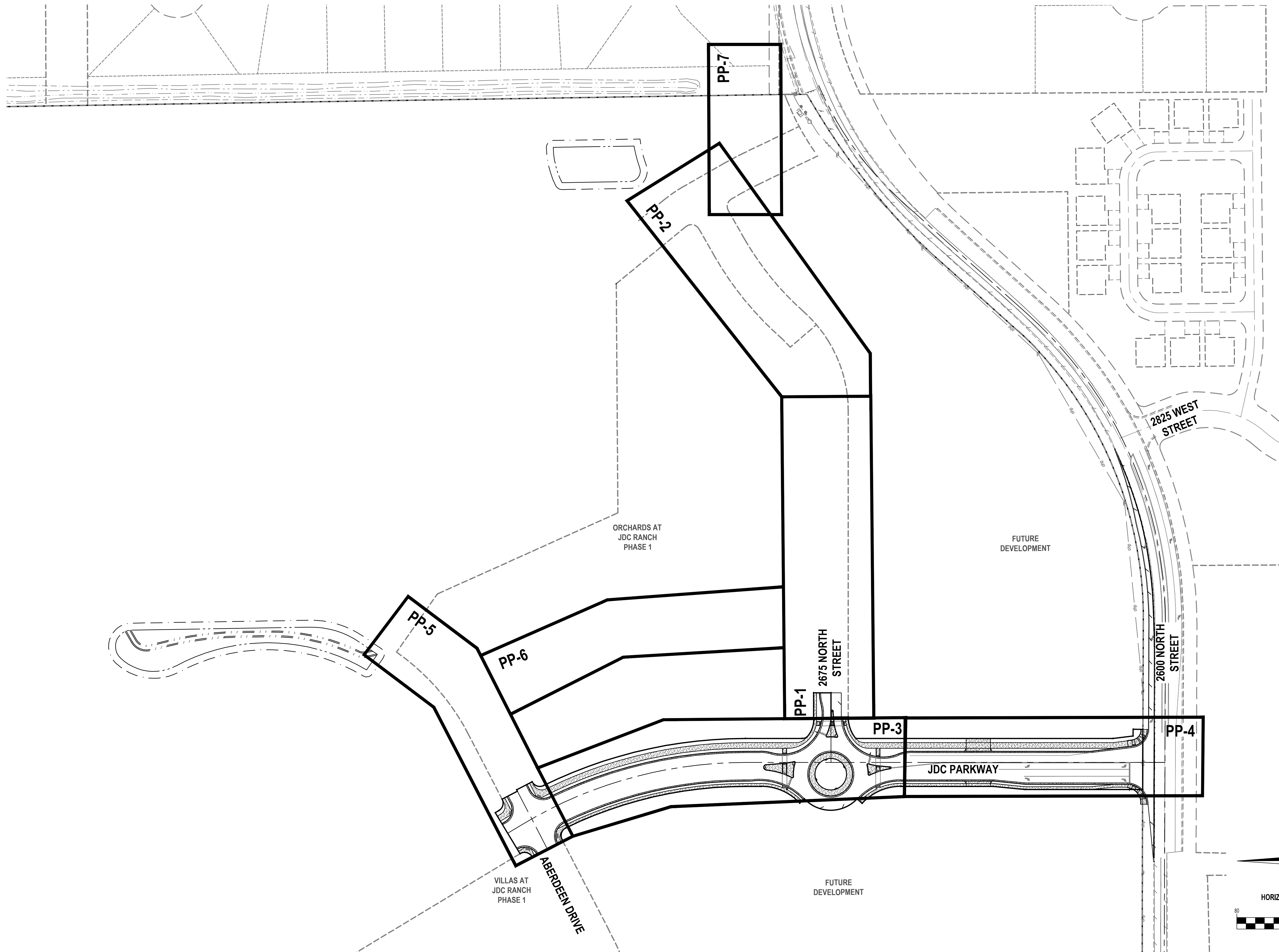
PROJECT NUMBER: 9872
 PROJECT MANAGER: CP

PRINT DATE: 2024-01-04
 DESIGNED BY: TS

C-400

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

BENCHMARK
 NORTHWEST CORNER OF SECTION 27
 TOWNSHIP 7 NORTH, RANGE 2 WEST
 SALT LAKE BASE AND MERIDIAN
 ELEV = 4231.00'



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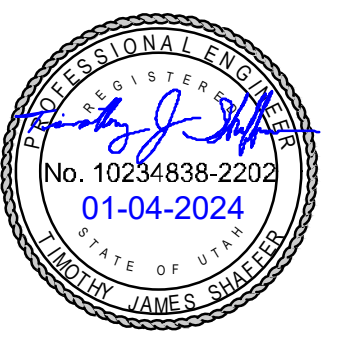
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**PLAN AND PROFILE
 KEY MAP**

| | |
|------------------------|--------------------------|
| PROJECT NUMBER 9872 | PRINT DATE 2024-01-04 |
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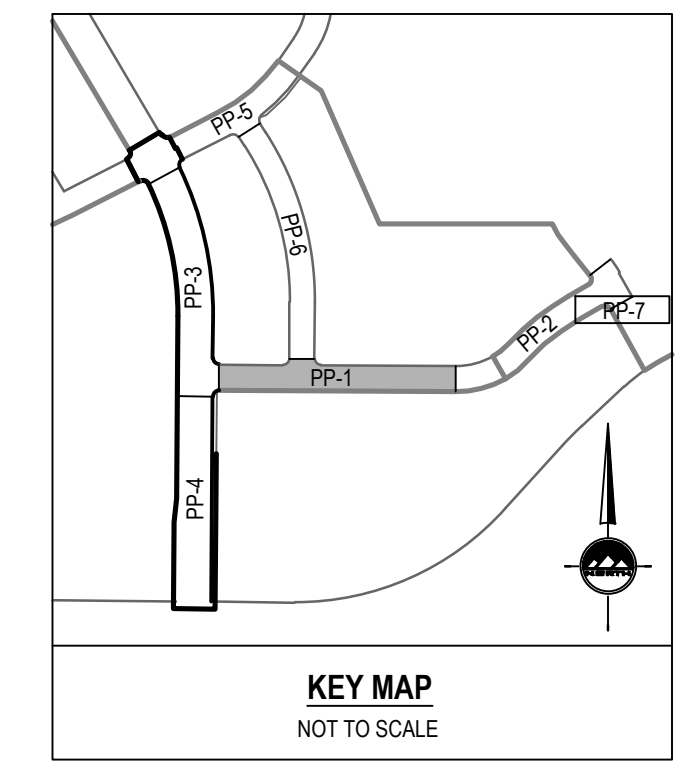
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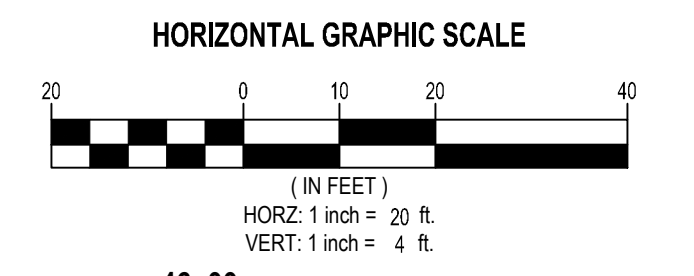
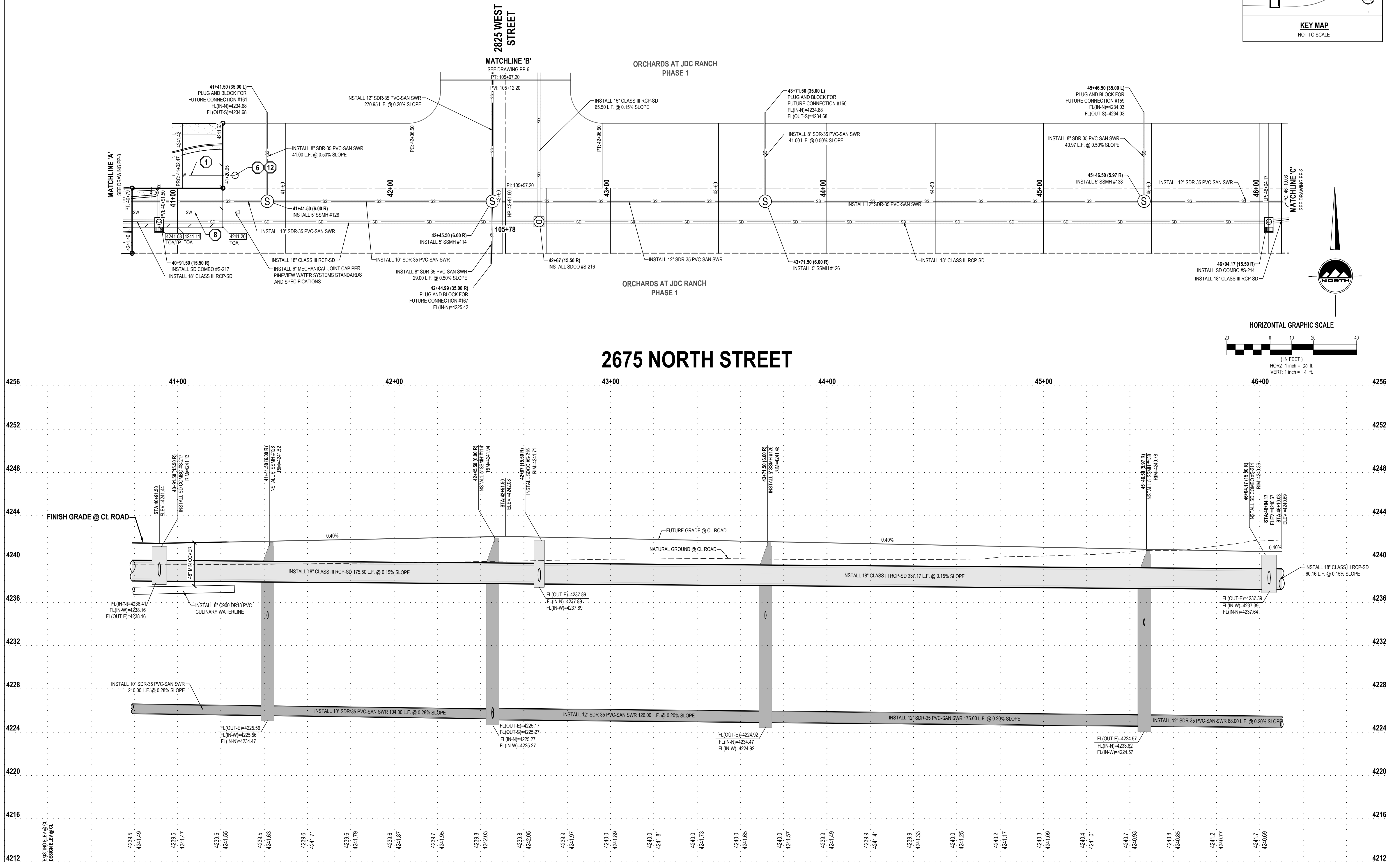
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OFFSITE UTILITY PLAN AND PROFILE

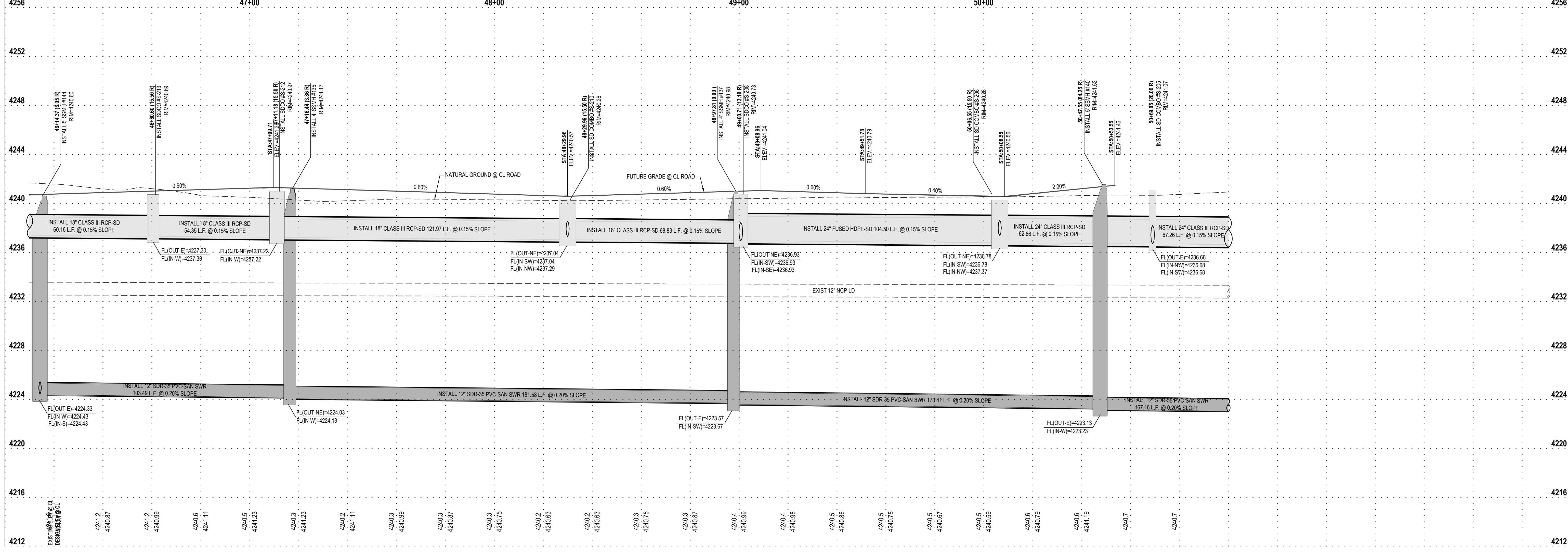
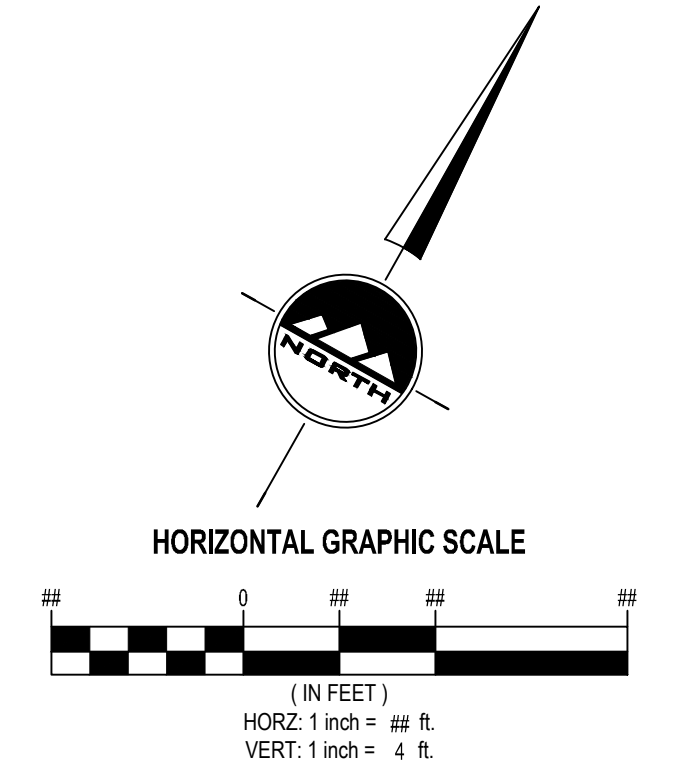
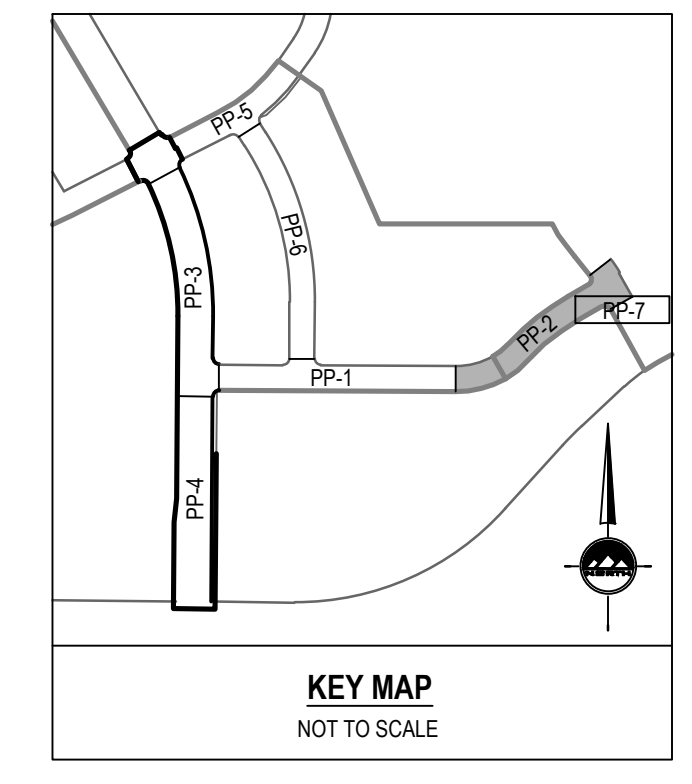
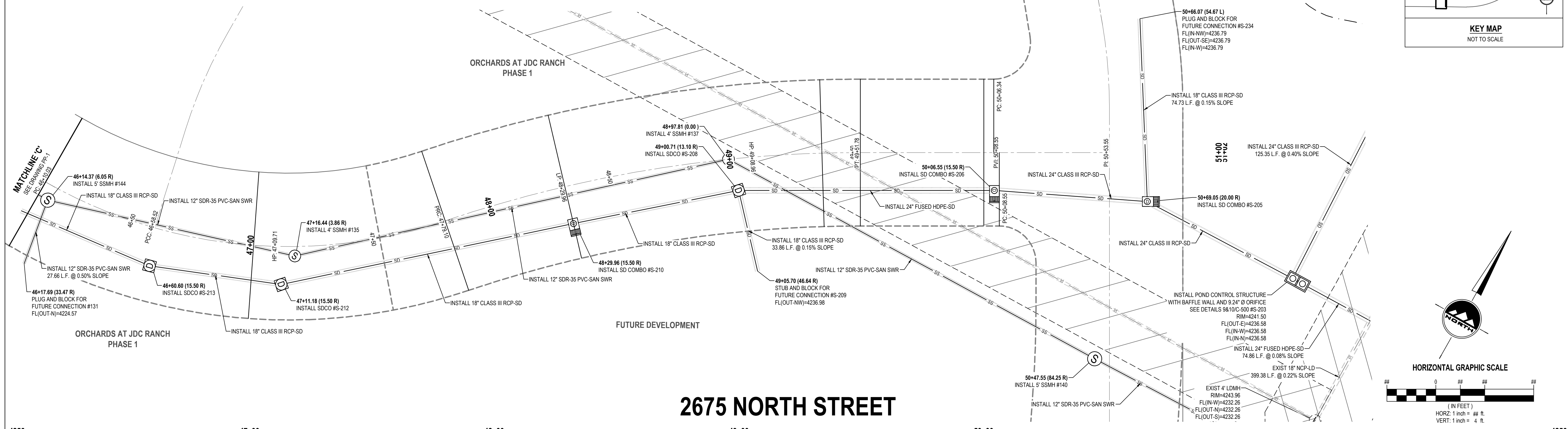
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PP-1



BENCHMARK
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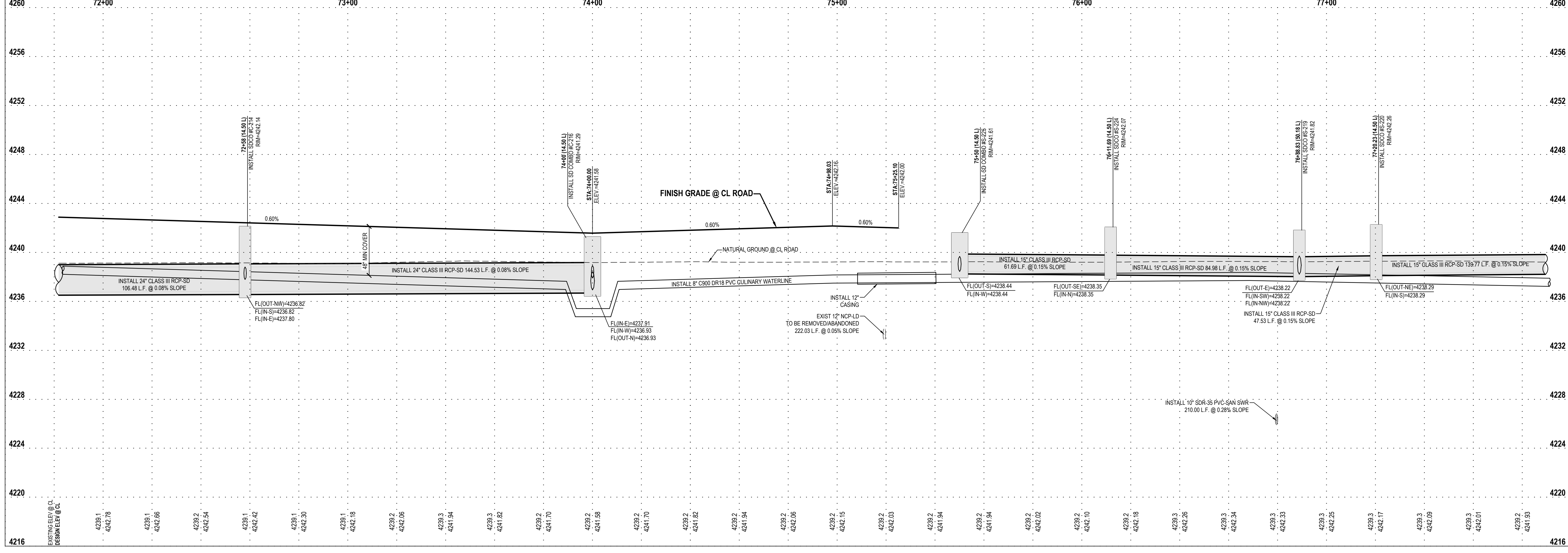
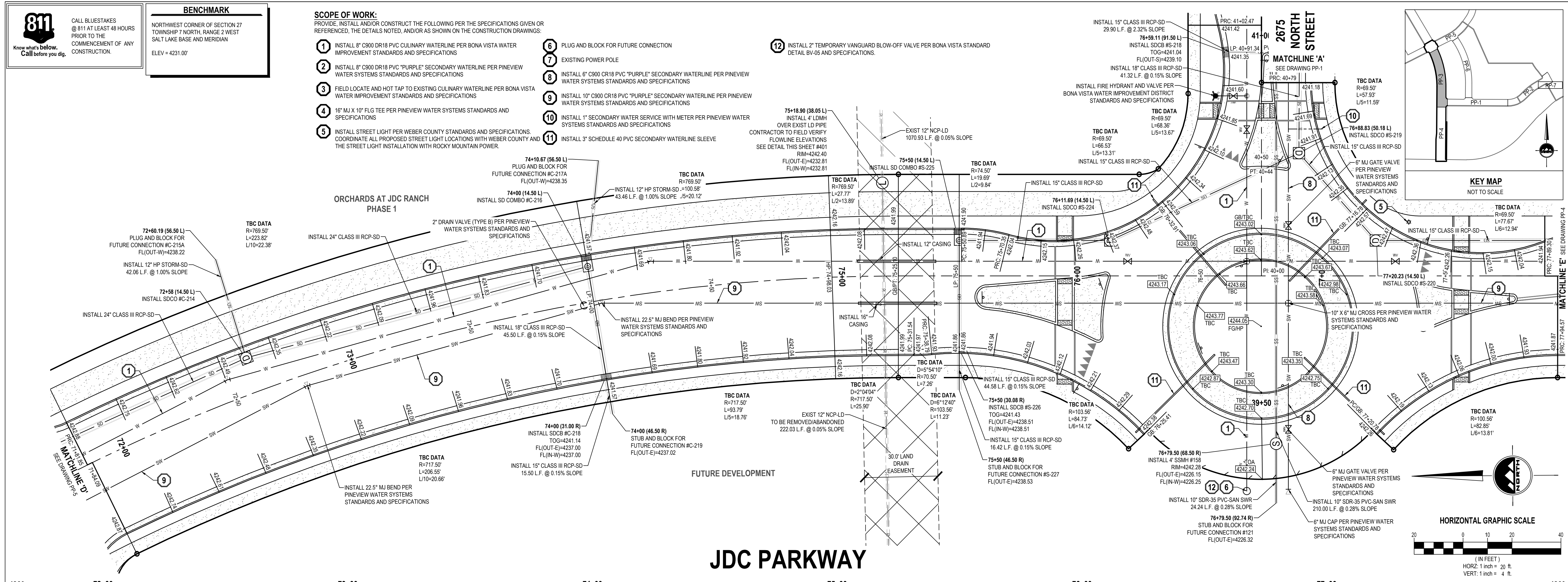
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PP-2



BENCHMARK
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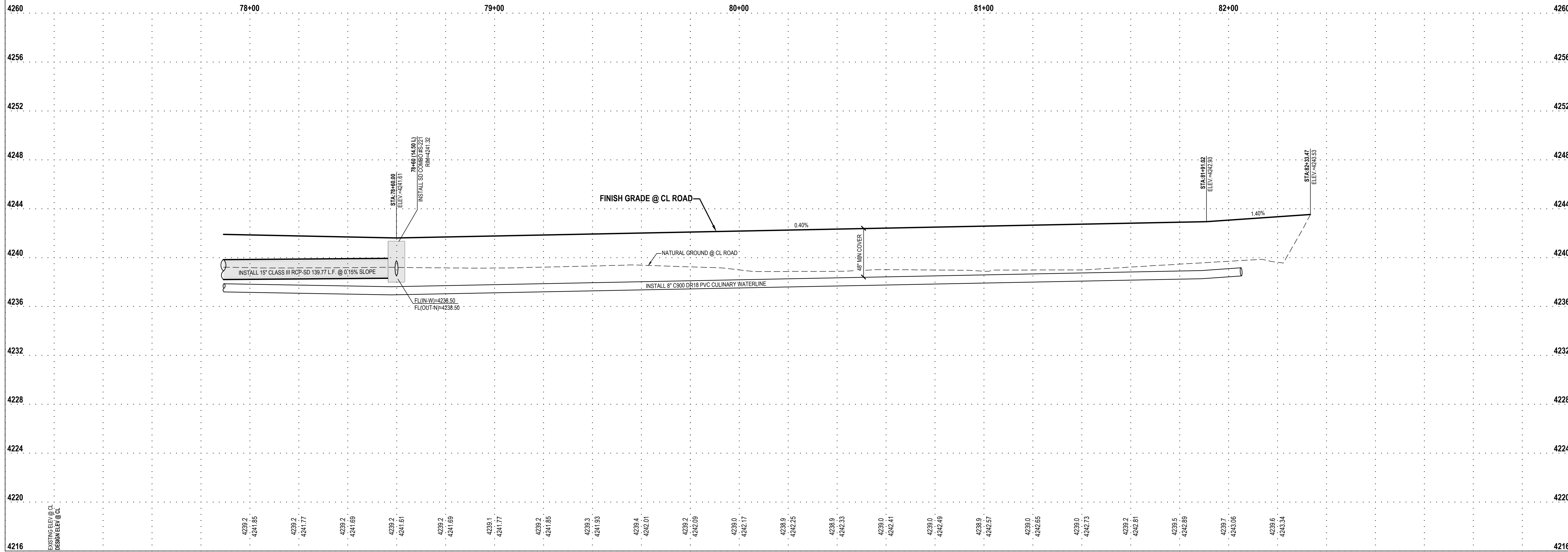
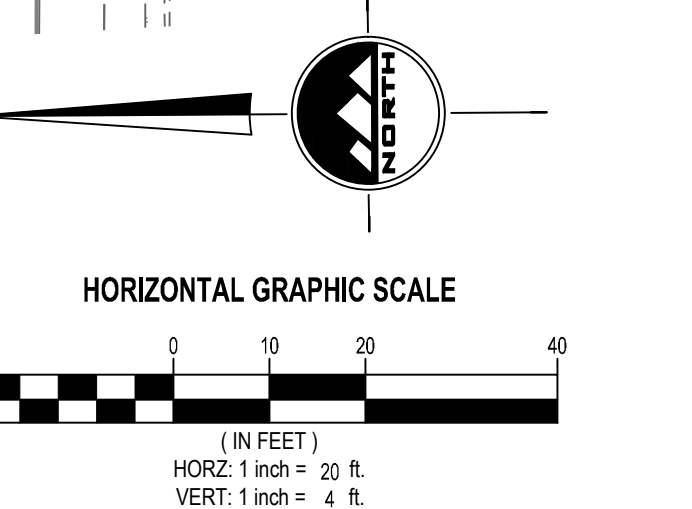
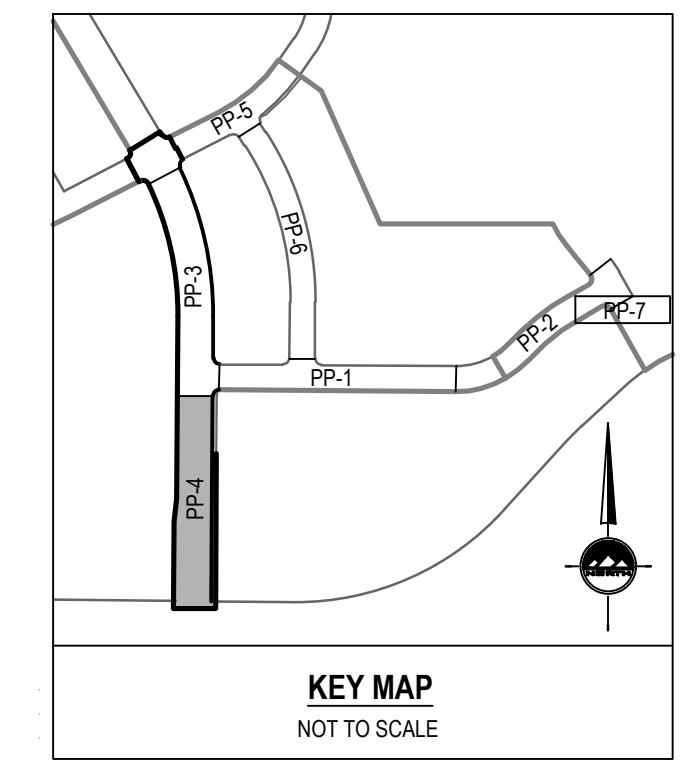
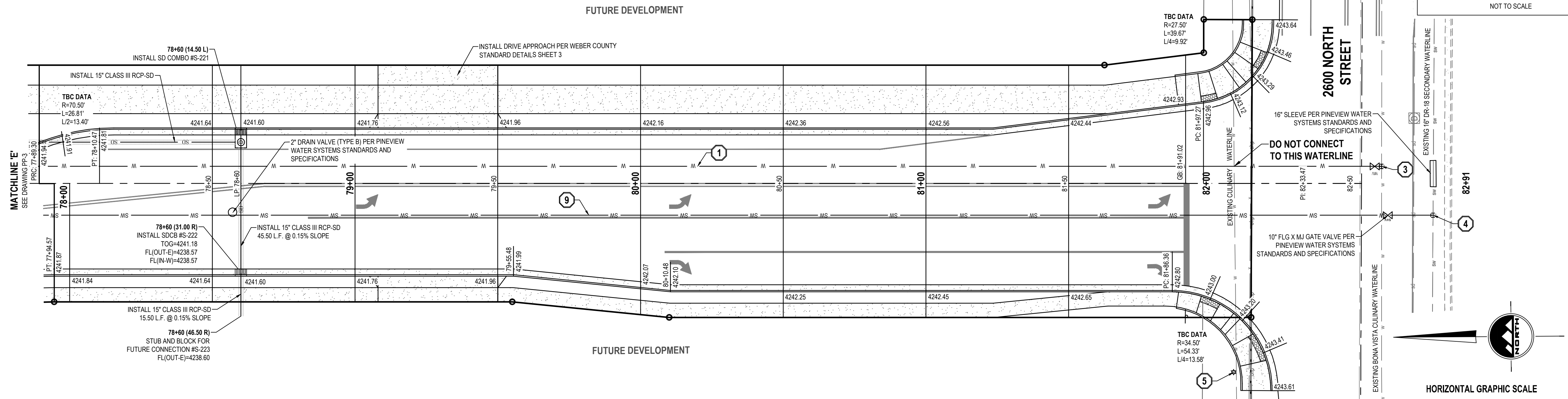
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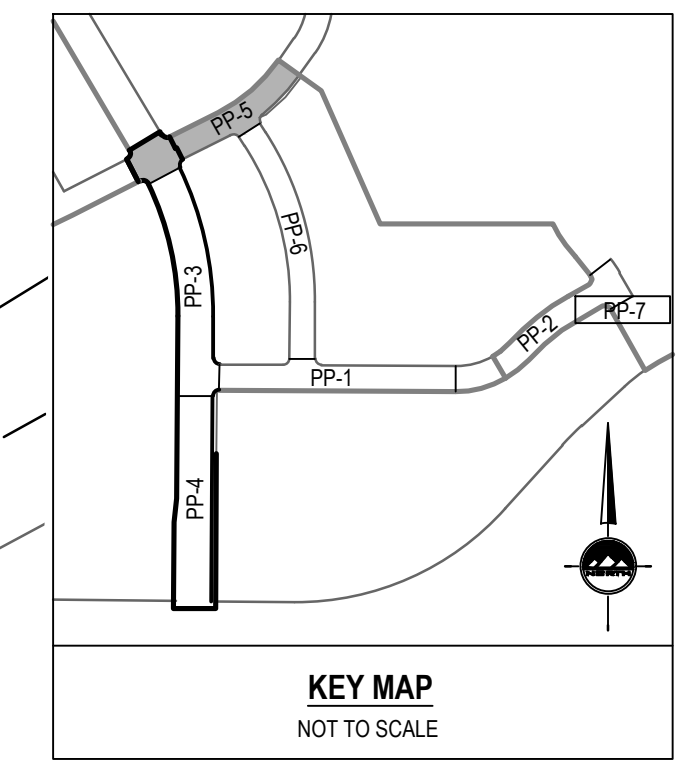
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PP-4



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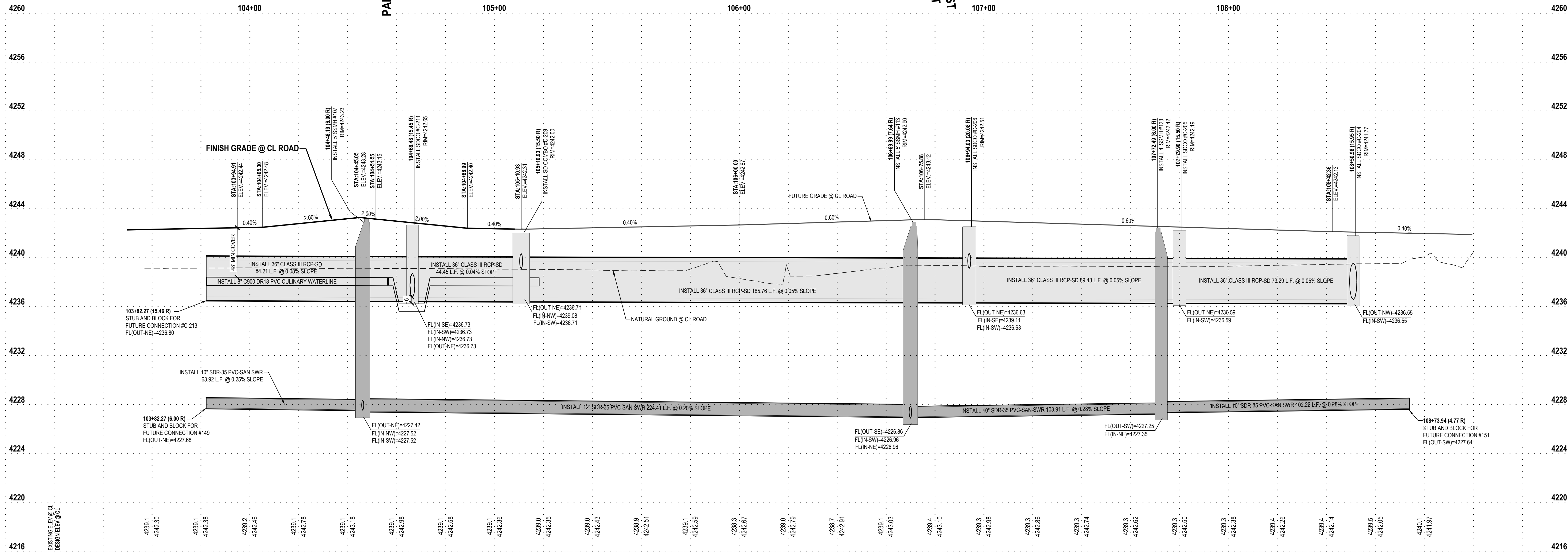
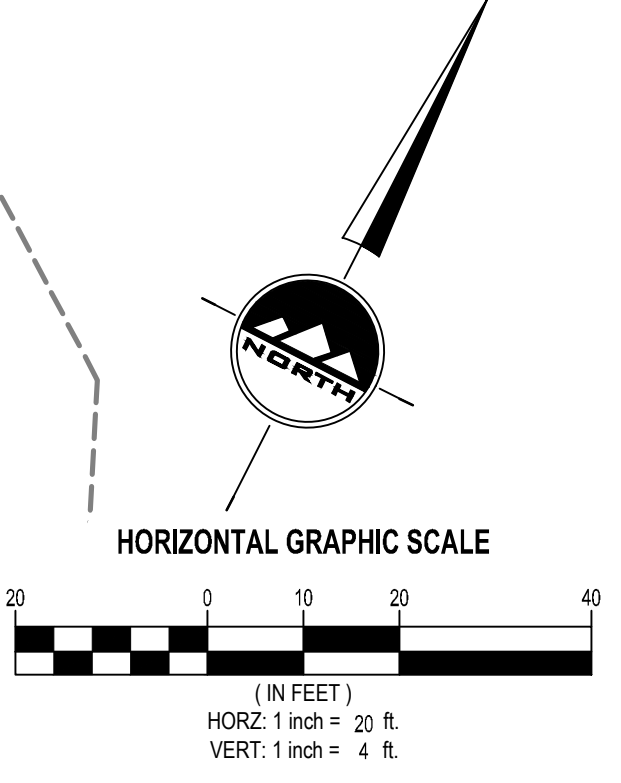
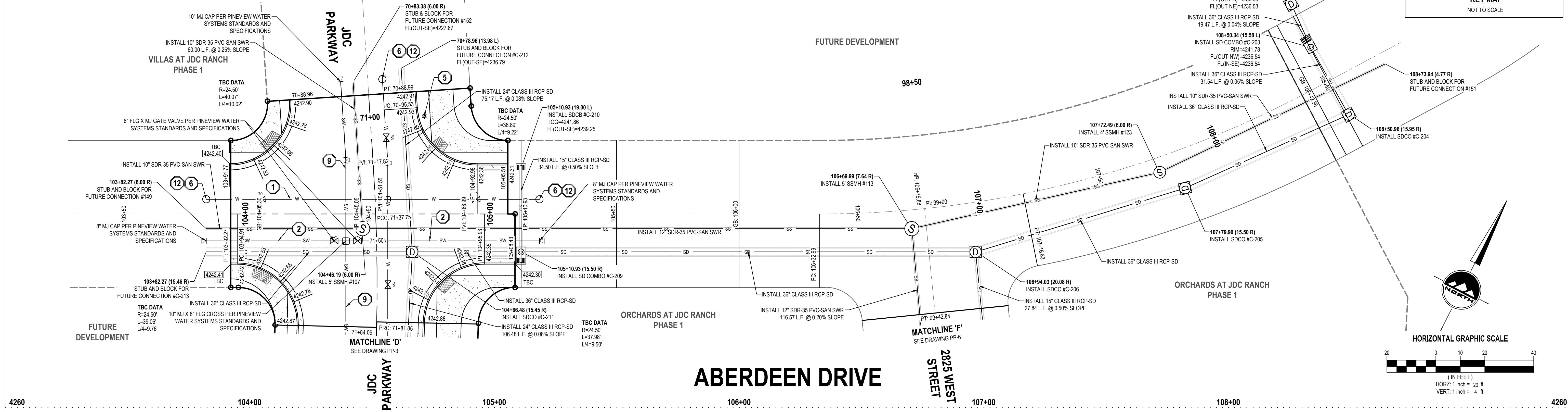
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ABERDEEN DRIVE
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PP-5



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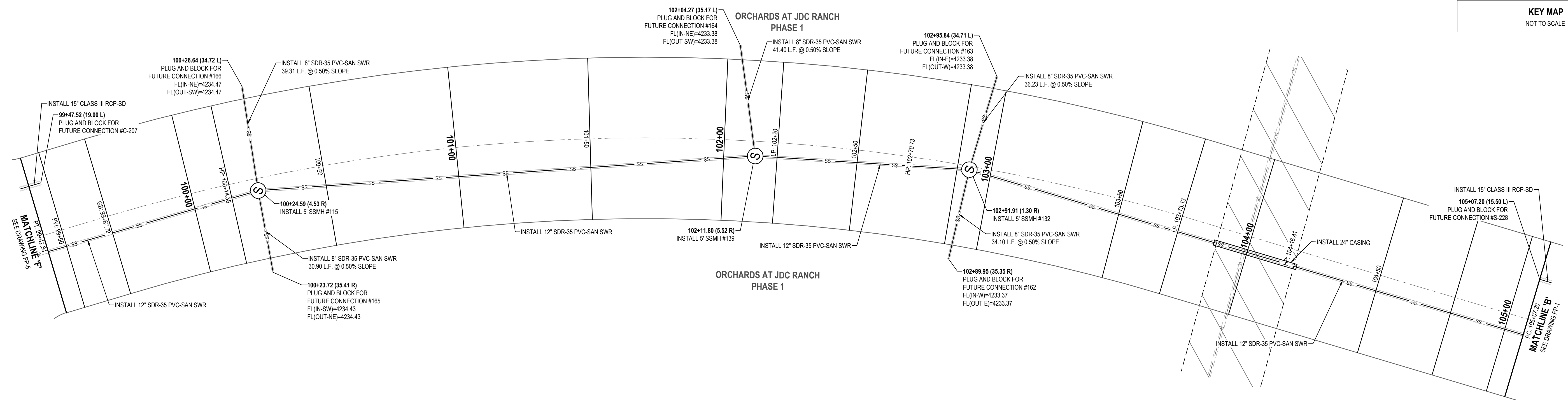
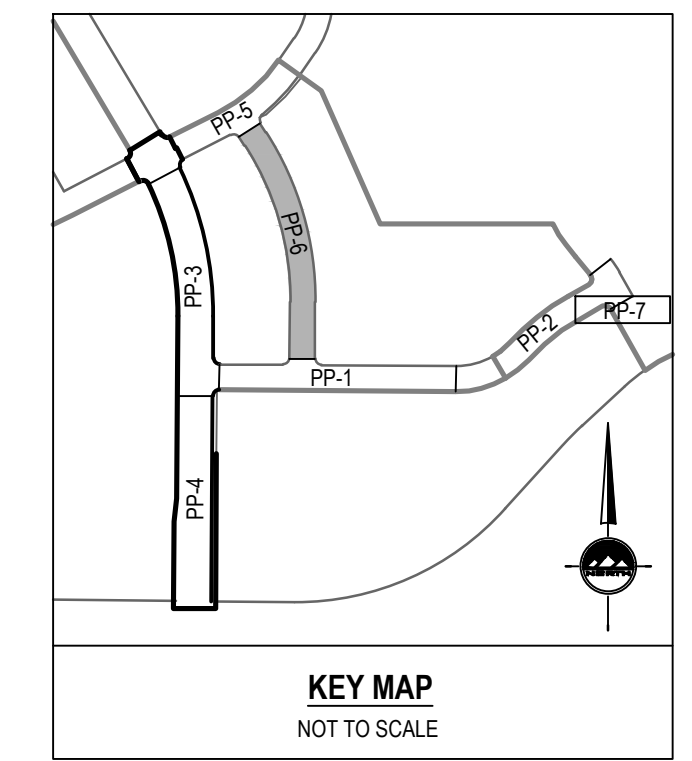
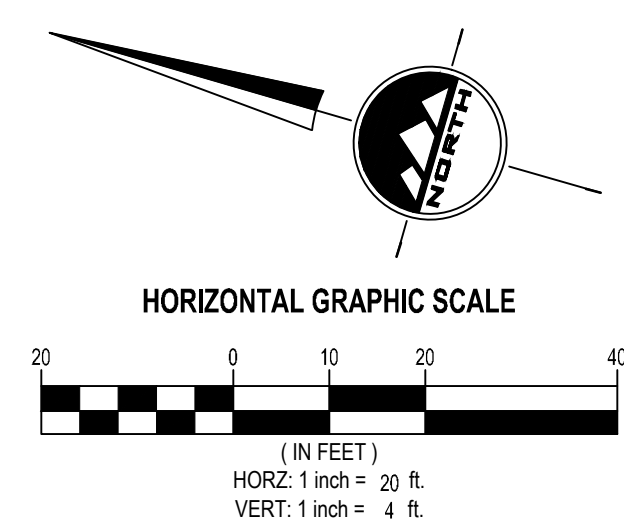
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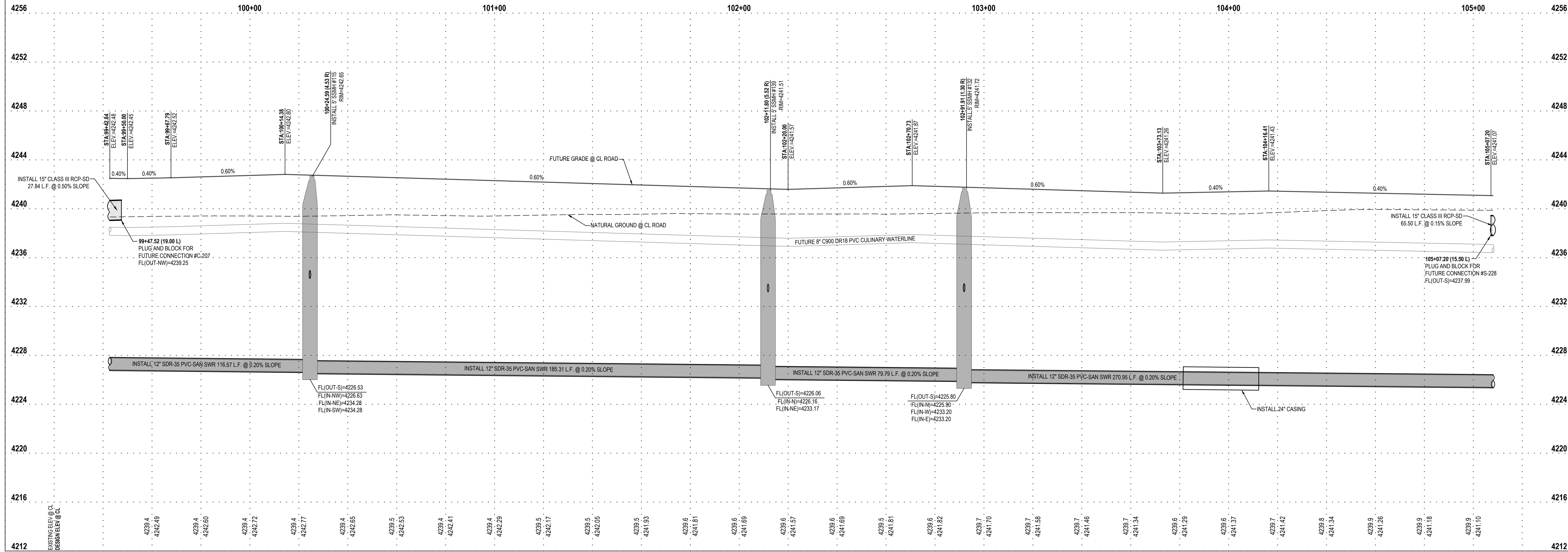
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- 3 FIELD LOCATE AND HOT TAP TO EXISTING CULINARY WATERLINE PER BONA VISTA WATER IMPROVEMENT STANDARDS AND SPECIFICATIONS
- 4 16" MJ X 10" FLG TEE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
- 5 INSTALL STREET LIGHT PER WEBER COUNTY STANDARDS AND SPECIFICATIONS. COORDINATE ALL PROPOSED STREET LIGHT LOCATIONS WITH WEBER COUNTY AND THE STREET LIGHT INSTALLATION WITH ROCKY MOUNTAIN POWER.
- 6 PLUG AND BLOCK FOR FUTURE CONNECTION
- 7 EXISTING POWER POLE
- 8 INSTALL 6" C900 CR18 PVC "PURPLE" SECONDARY WATERLINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
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- 10 INSTALL 1" SECONDARY WATER SERVICE WITH METER PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
- 11 INSTALL 3" SCHEDULE 40 PVC SECONDARY WATERLINE SLEEVE
- 12 INSTALL 2" TEMPORARY VANGUARD BLOW-OFF VALVE PER BONA VISTA STANDARD DETAIL BV-05 AND SPECIFICATIONS.



2825 WEST STREET



JDC PARKWAY

**2800 WEST 2600 NORTH STREET
WEBER COUNTY, UTAH**



| NO. | DATE | REVISION |
|-----|------|------------|
| | | FOR REVIEW |

**OFFSITE UTILITY
PLAN AND PROFILE**

| | |
|------------------------|--------------------------|
| PROJECT NUMBER 9872 | PRINT DATE 2024-01-04 |
| PROJECT MANAGER CP | DESIGNED BY TS |

PP-6

FOR:
NILSON HOVES
1740 COMBE RD, SUITE 2
SOUTH OGDEN, UT 84403

CONTACT:
STEVE ANDERSON
PHONE: 801.392.8100

ENSIGN
THE STANDARD IN ENGINEERING

LAYTON
919 North 400 West
Layton, UT 84041
Phone: 801.547.1100

SANDY
Phone: 801.255.0529

TOOELE
Phone: 435.843.3590

CEDAR CITY
Phone: 435.865.1453

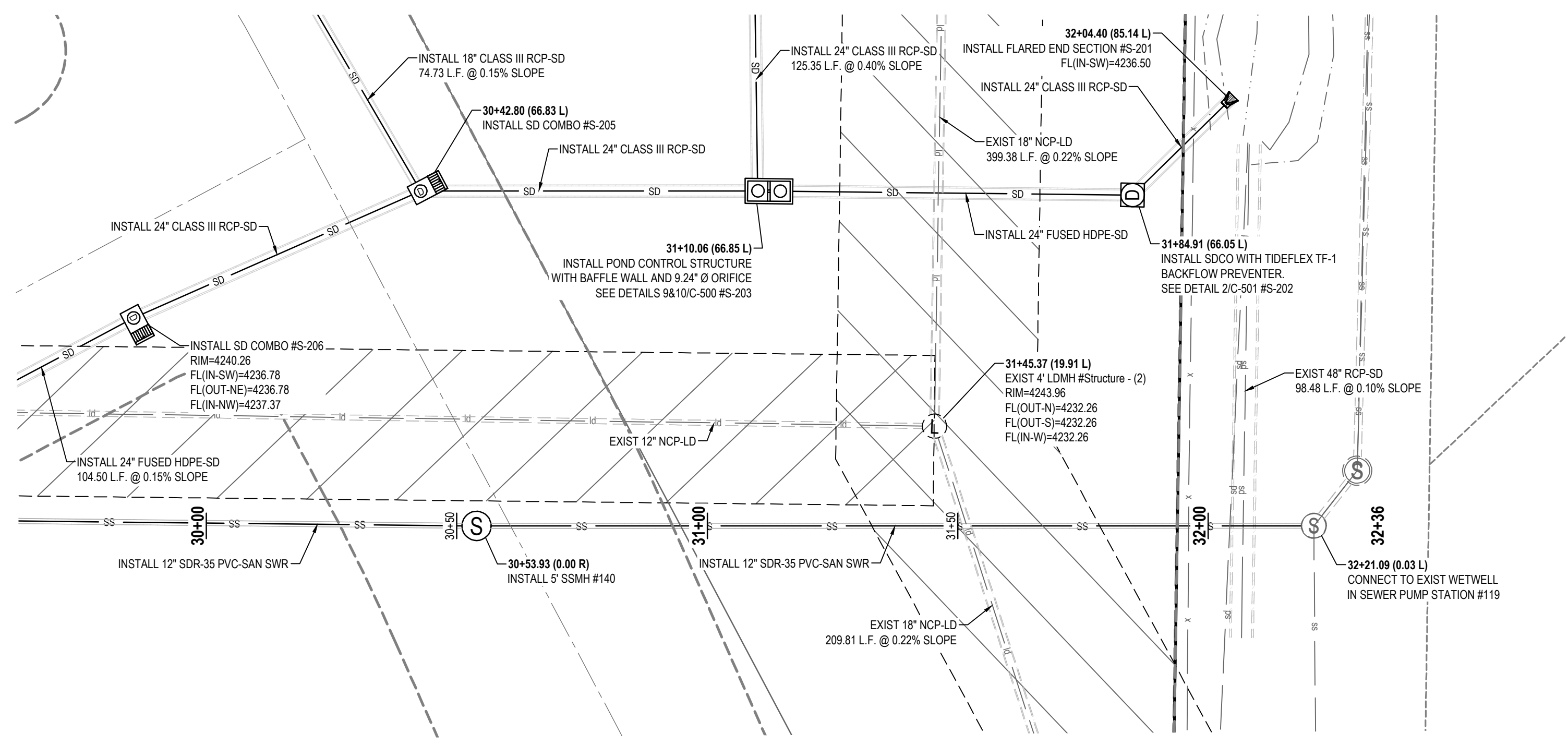
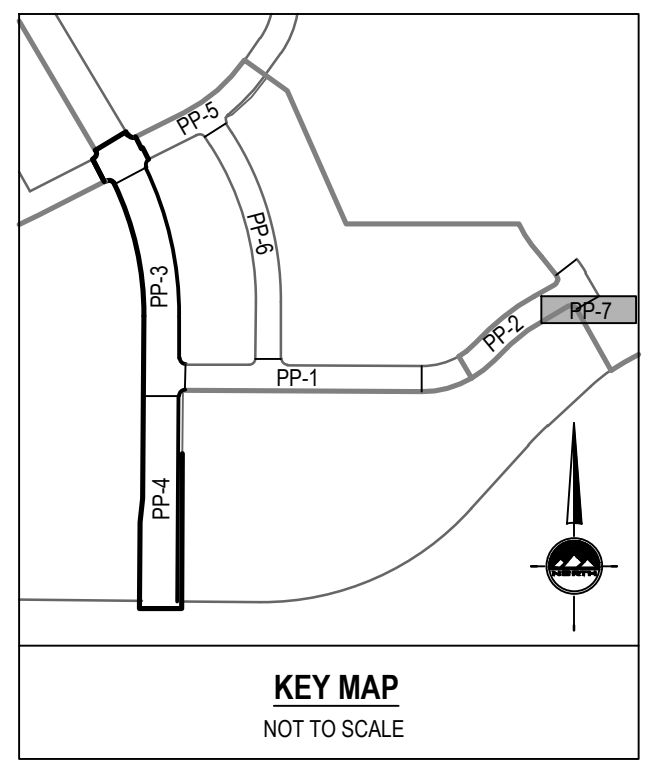
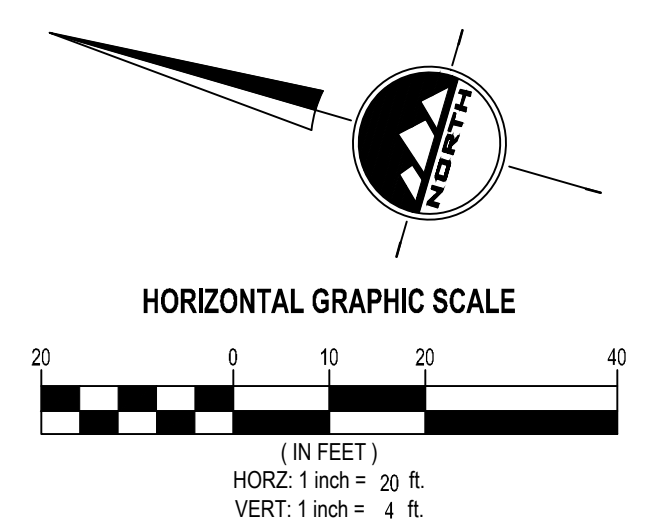
RICHFIELD
Phone: 435.896.2983

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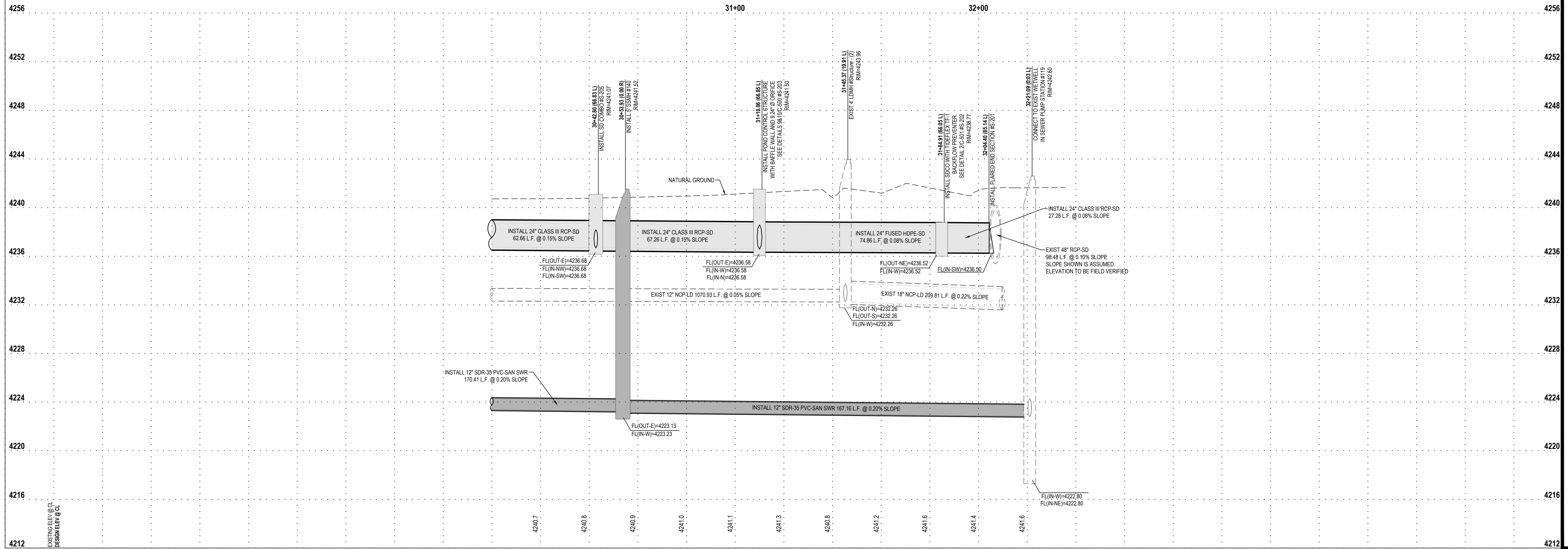


BENCHMARK
 NORTHWEST CORNER OF SECTION 27
 TOWNSHIP 7 NORTH, RANGE 2 WEST
 SALT LAKE BASE AND MERIDIAN
 ELEV = 4231.00'

- SCOPE OF WORK:**
 PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
1. INSTALL 8" C900 DR18 PVC CULINARY WATERLINE PER BONA VISTA WATER IMPROVEMENT STANDARDS AND SPECIFICATIONS
 2. INSTALL 8" C900 DR18 PVC "PURPLE" SECONDARY WATERLINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
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OFFSITE UTILITY



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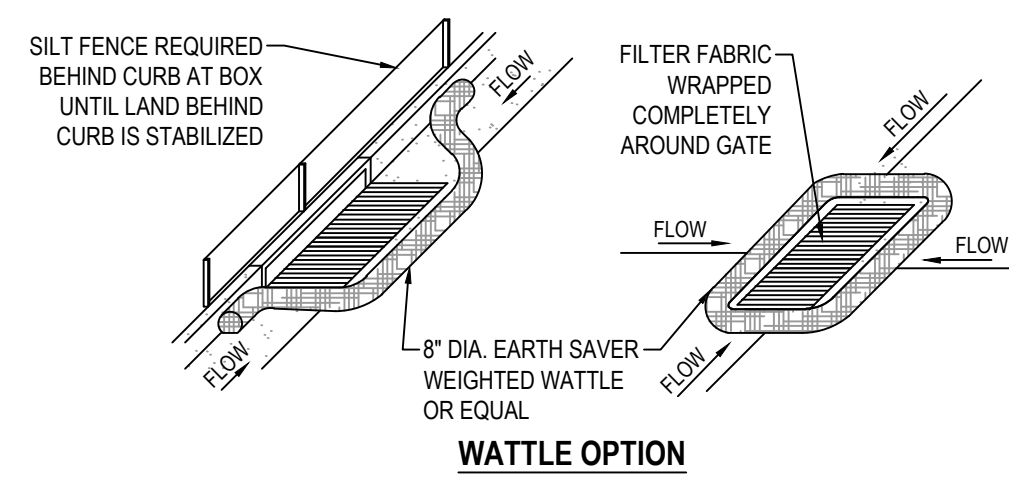


| NO. | DATE | REVISION FOR REVIEW |
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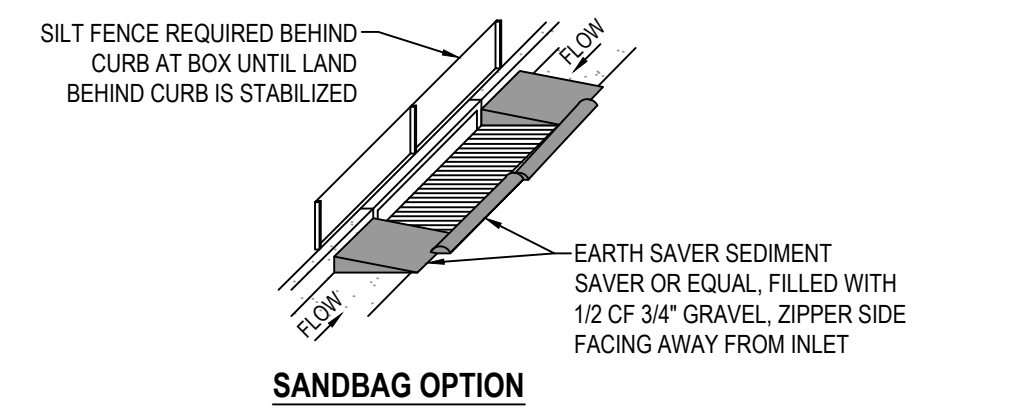
OFFSITE UTILITY PLAN AND PROFILE

PROJECT NUMBER: 9872
 PRINT DATE: 2024-01-04
 PROJECT MANAGER: CP
 DESIGNED BY: TS

PP-7

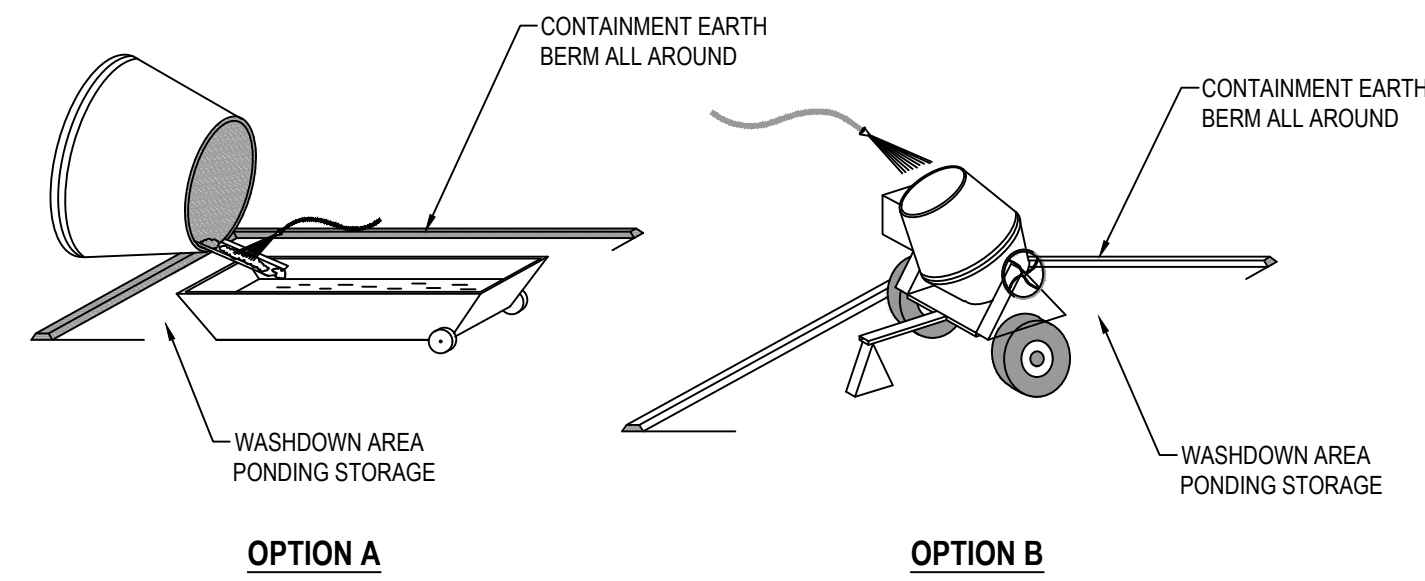


- NOTES:**
1. PLACE WATTLES OR GRAVEL BAGS TIGHT AGAINST CURB TO PREVENT SEDIMENT-LOADED WATER FROM GETTING BETWEEN CURB AND WATTLEBAG.
 2. PLACE WATTLES OR GRAVEL BAGS SUCH THAT FLOW DOES NOT OVERTOP CURB OR ROAD CENTERLINE.
 3. INSPECT INLET PROTECTION AFTER EVERY LARGE STORM EVENT AND AT LEAST BIWEEKLY, OR PER SWPPP REQUIREMENTS, WHICHEVER IS MORE STRINGENT, TO ENSURE THAT SEDIMENT CONTROL IS MEETING ITS DESIGN INTENT. MAINTAIN AND/OR REPLACE AS NEEDED.
 4. REMOVE SEDIMENT ACCUMULATED WHEN IT REACHES 50% OF GRAVEL BAG OR WATTLE HEIGHT.
 5. CONTRACTOR MAY SUBMIT AN ALTERNATIVE METHOD OF INLET PROTECTION. THE ALTERNATIVE METHOD SHALL BE APPROVED BY THE CITY INSPECTOR AND THE ENGINEER OF RECORD.
 6. BEFORE PLACEMENT OF CURB, STABILIZATION OF LAND BEHIND CURB, AND/OR PAVING, MAINTAIN TOP OF INLET AT 6" ABOVE GRADE, AND SURROUND WITH SILT FENCE FOR SEDIMENTATION AROUND BOX. MAINTAIN SILT FENCE BEHIND BOX UNTIL LAND BEHIND CURB IS STABILIZED.

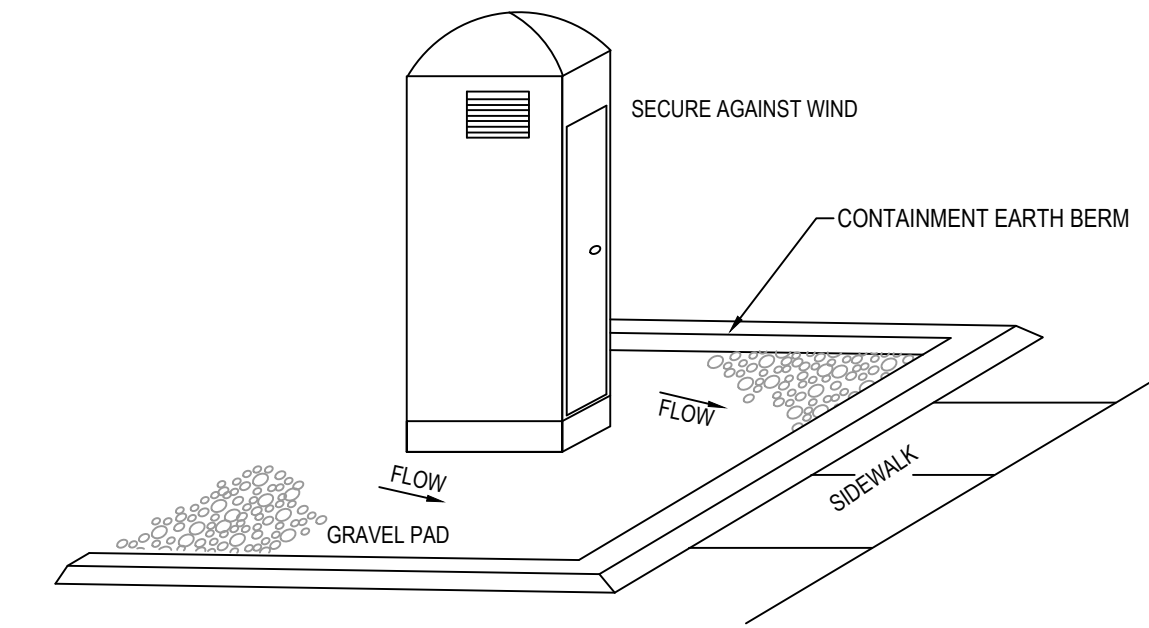


1 SAG INLET PROTECTION SCALE: NONE

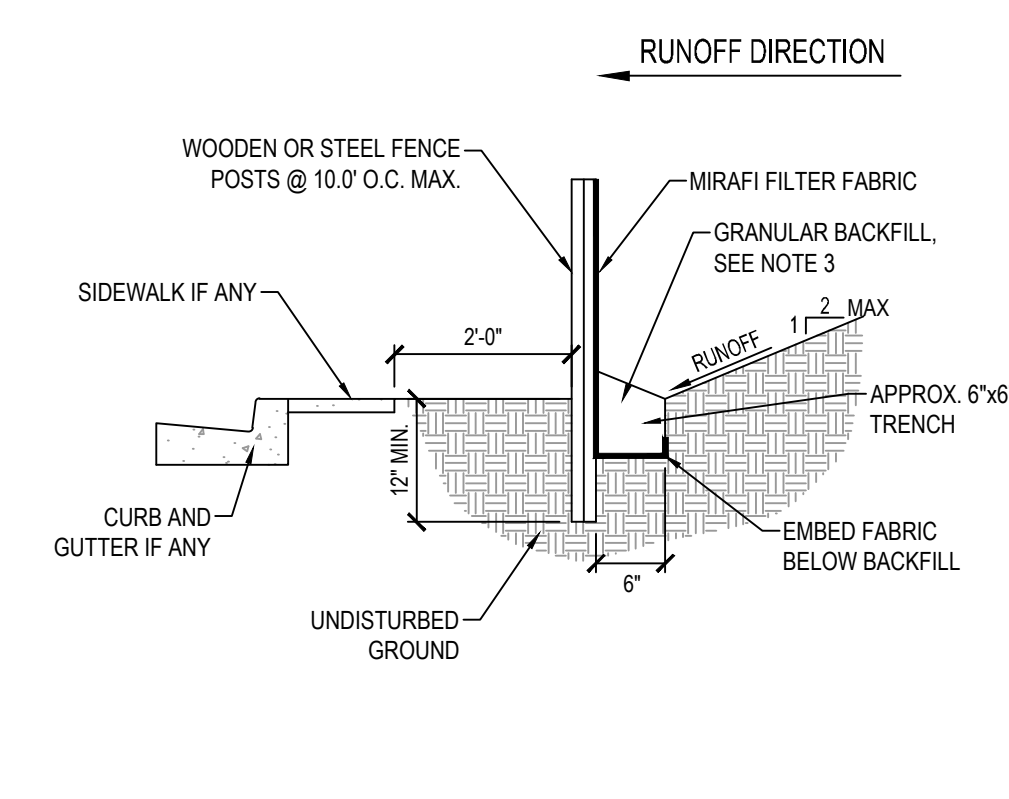
2 STABILIZED CONSTRUCTION ENTRANCE SCALE: NONE



3 CONCRETE WASTE MANAGEMENT SCALE: NONE

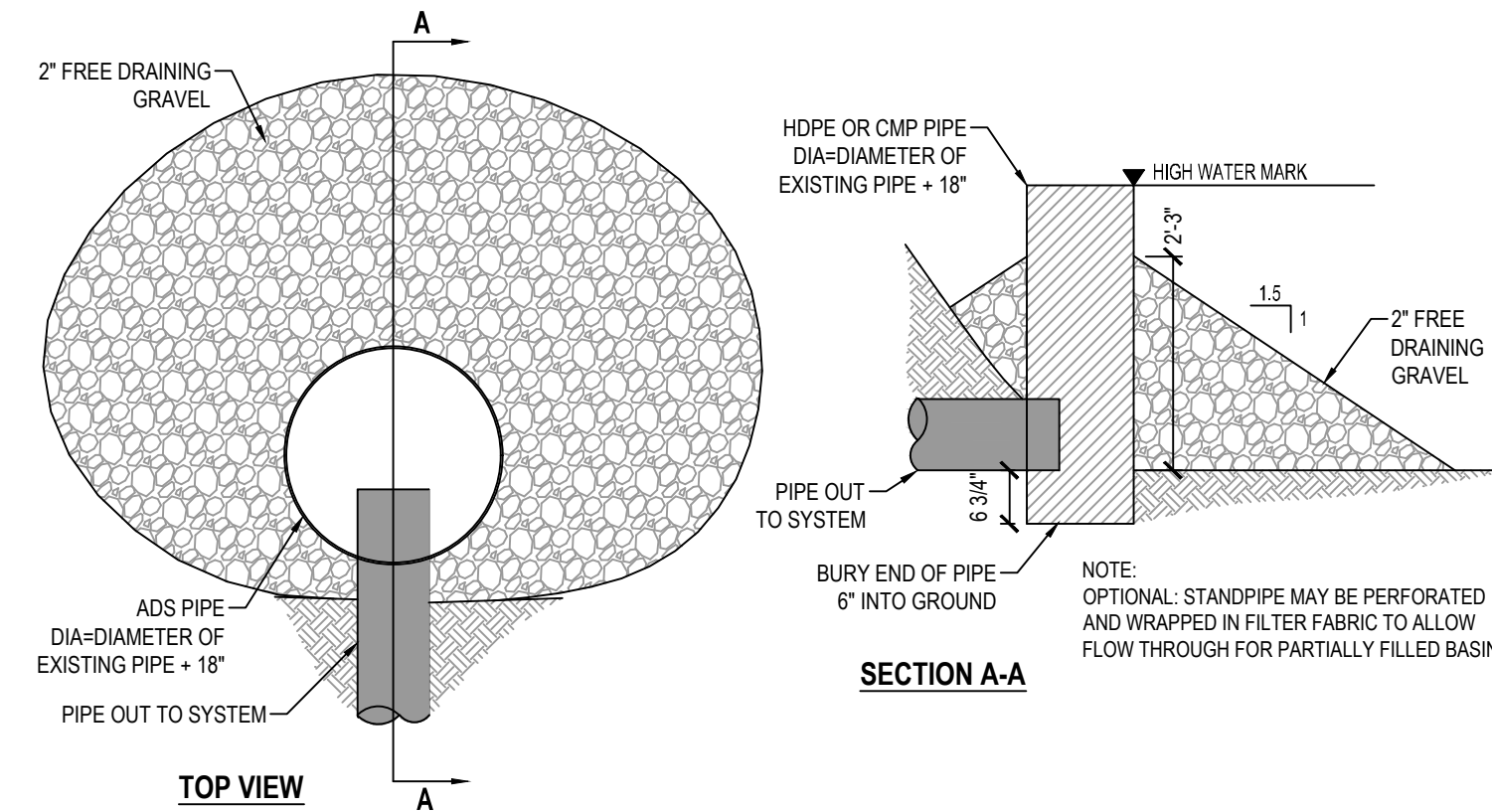


4 PORTABLE TOILET SCALE: NONE

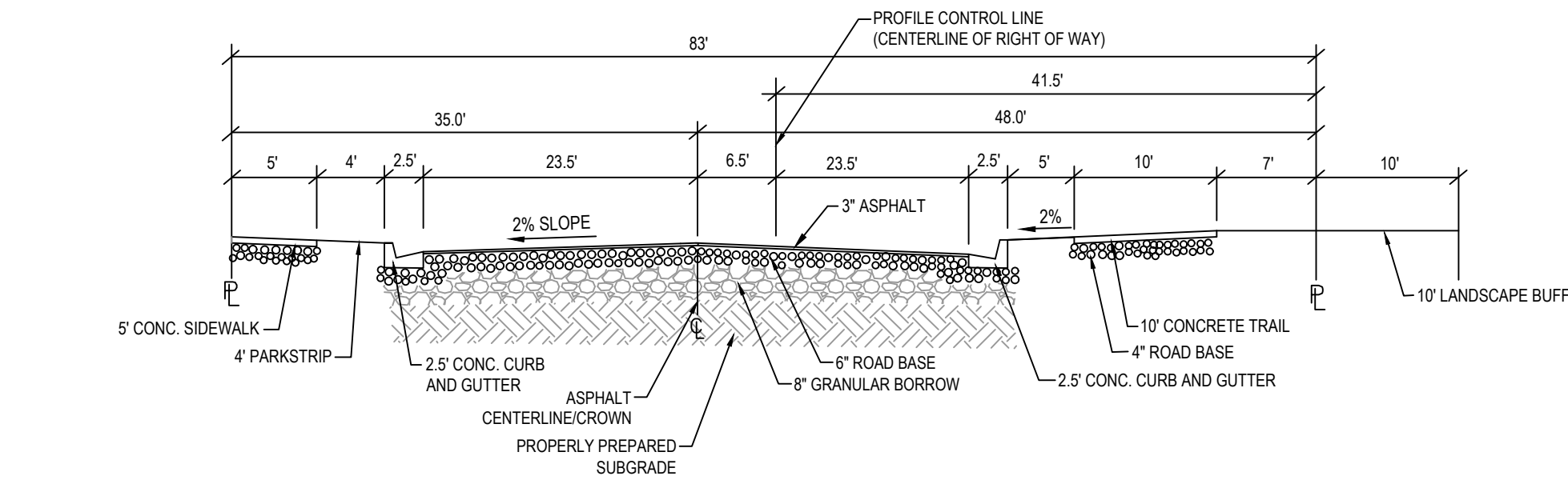


- NOTES:**
1. EXCAVATE 6"x6" TRENCH ALONG LIMITS OF DISTURBANCE AS SHOWN ON CONSTRUCTION DRAWINGS.
 2. POSTS SHALL BE POSITIONED ON DOWNSTREAM SIDE OF FENCE.
 3. LAY TOE-IN FABRIC FLAP IN BOTTOM OF TRENCH. BACKFILL TRENCH WITH FREE DRAINING GRANULAR MATERIAL. COMPACT TRENCH TO SATISFACTION OF THE ENGINEER OF RECORD.
 4. SILT FENCE GEOTEXTILE SHALL MEET AASHTO M288-92 REQUIREMENTS.
 5. REMOVE & DISPOSE OF SEDIMENT WHEN ACCUMULATION IS 50% OF EXPOSED FENCE HEIGHT.
 6. 10' MAX. SPACING BETWEEN STAKES.
 7. SILT FENCES SHALL BE INSTALLED ALONG CONTOURS, NOT UP AND DOWN SLOPES, WITH 10' OVERLAP AT BREAKS.

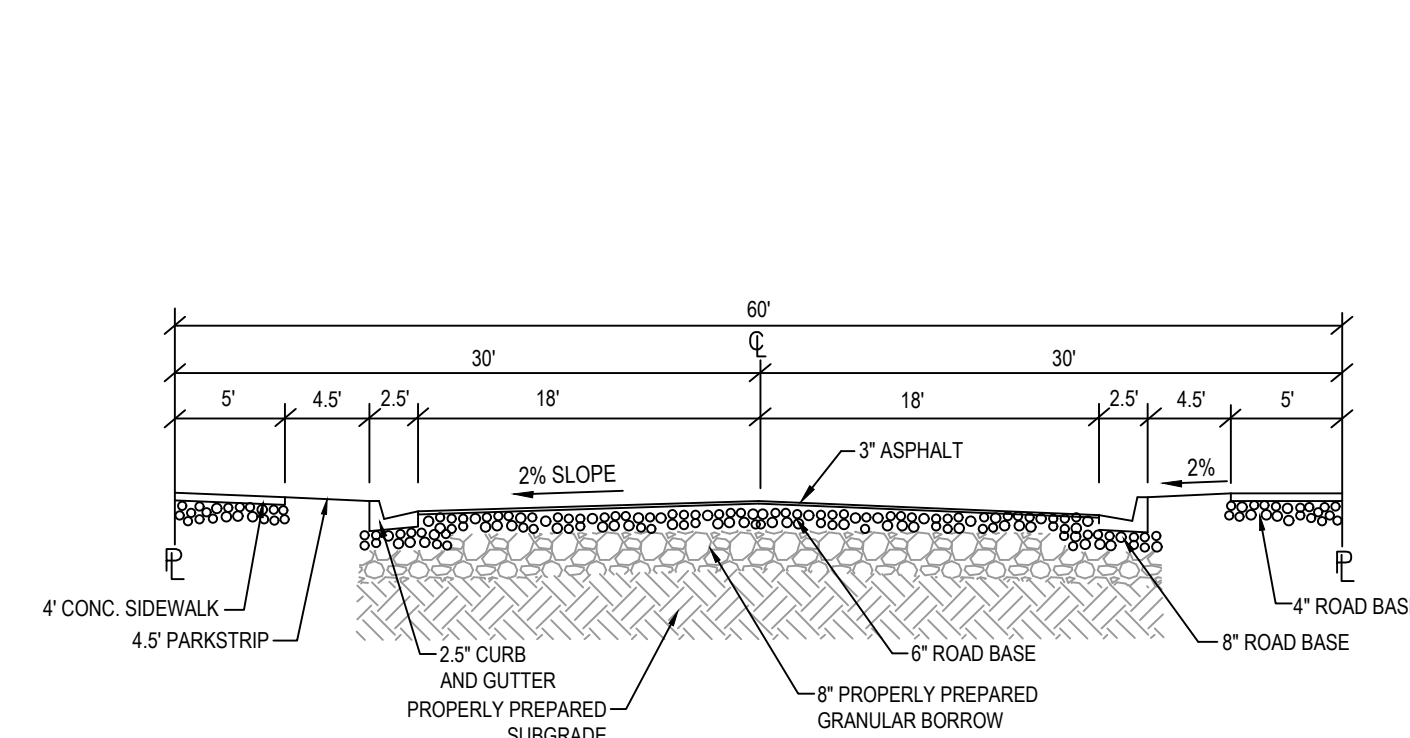
5 TEMPORARY SILT FENCE SCALE: NONE



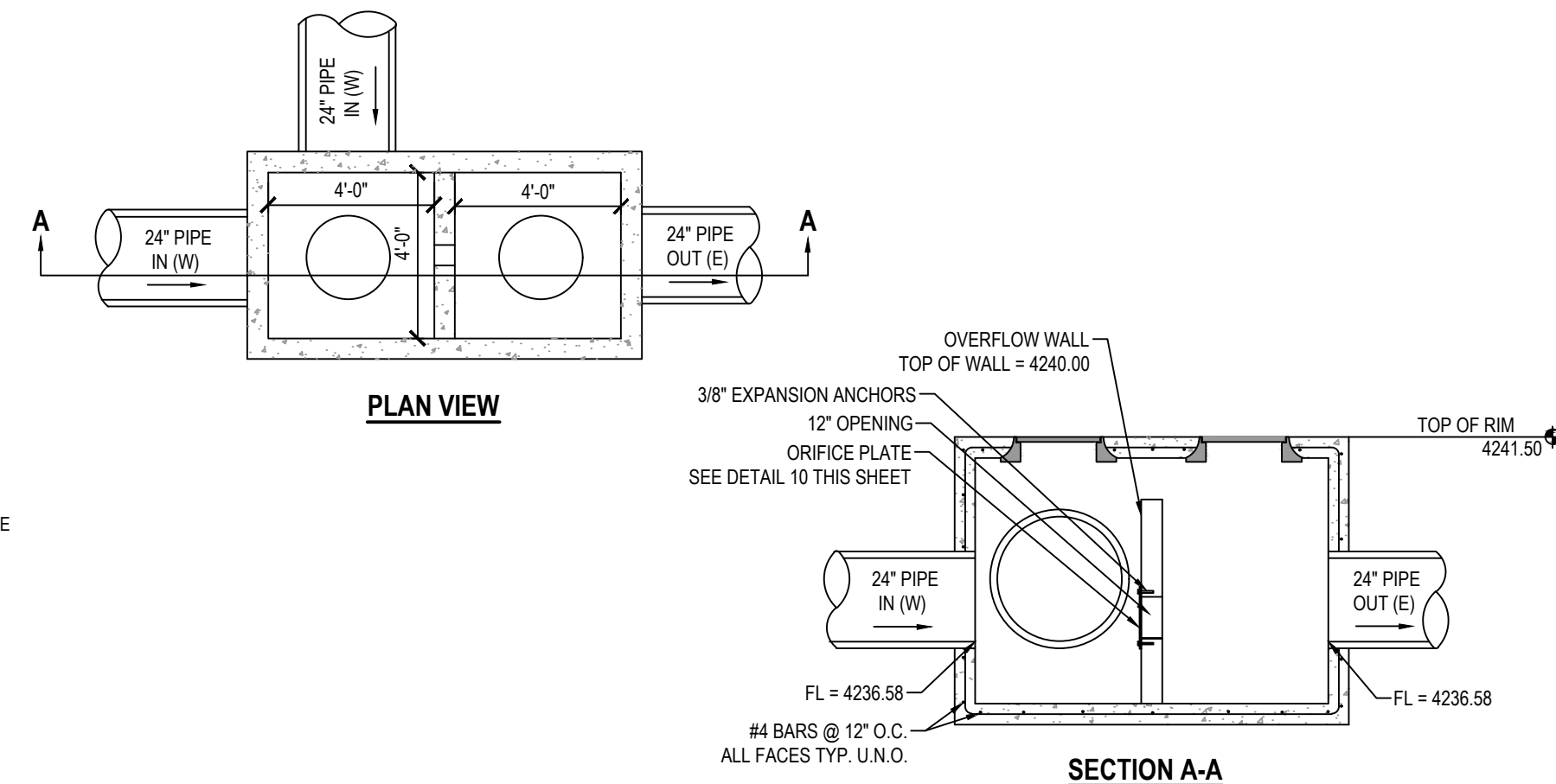
6 TEMPORARY BASIN OUTLET PROTECTION SCALE: NONE



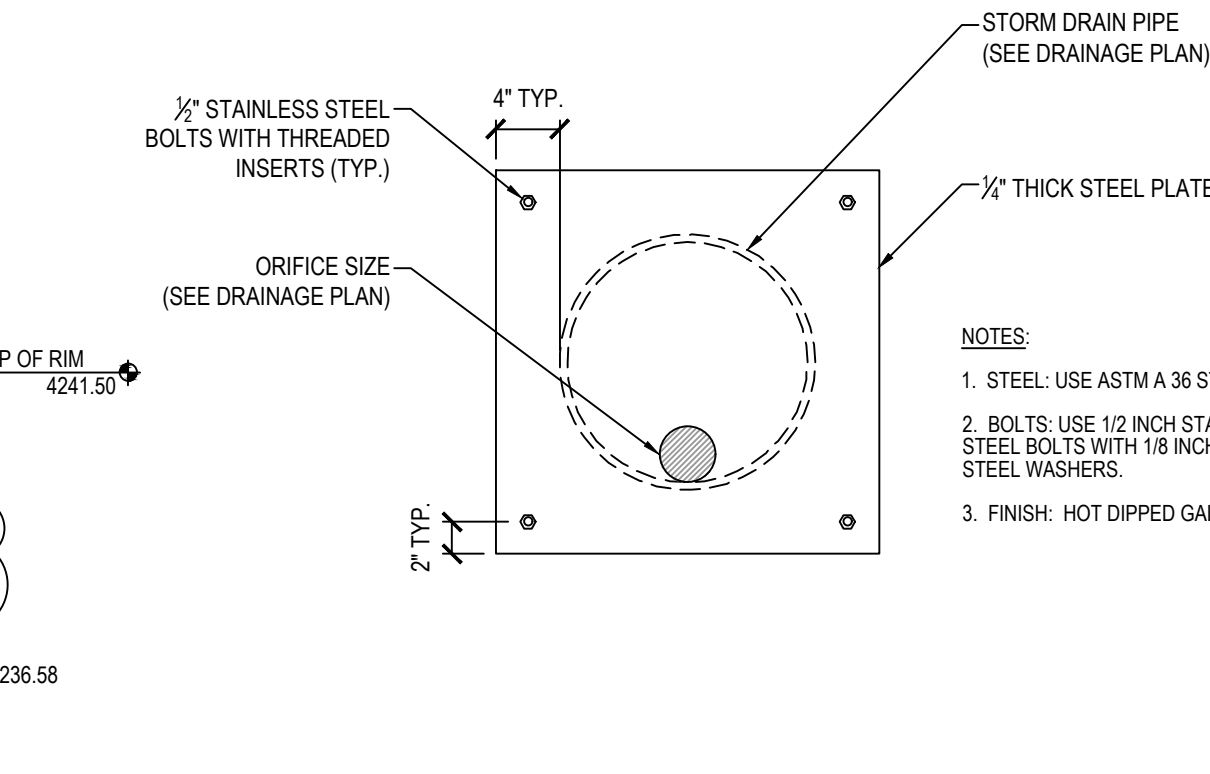
7 TYPICAL 83' STREET CROSS SECTION SCALE: NONE



8 TYPICAL 60' STREET CROSS SECTION SCALE: NONE



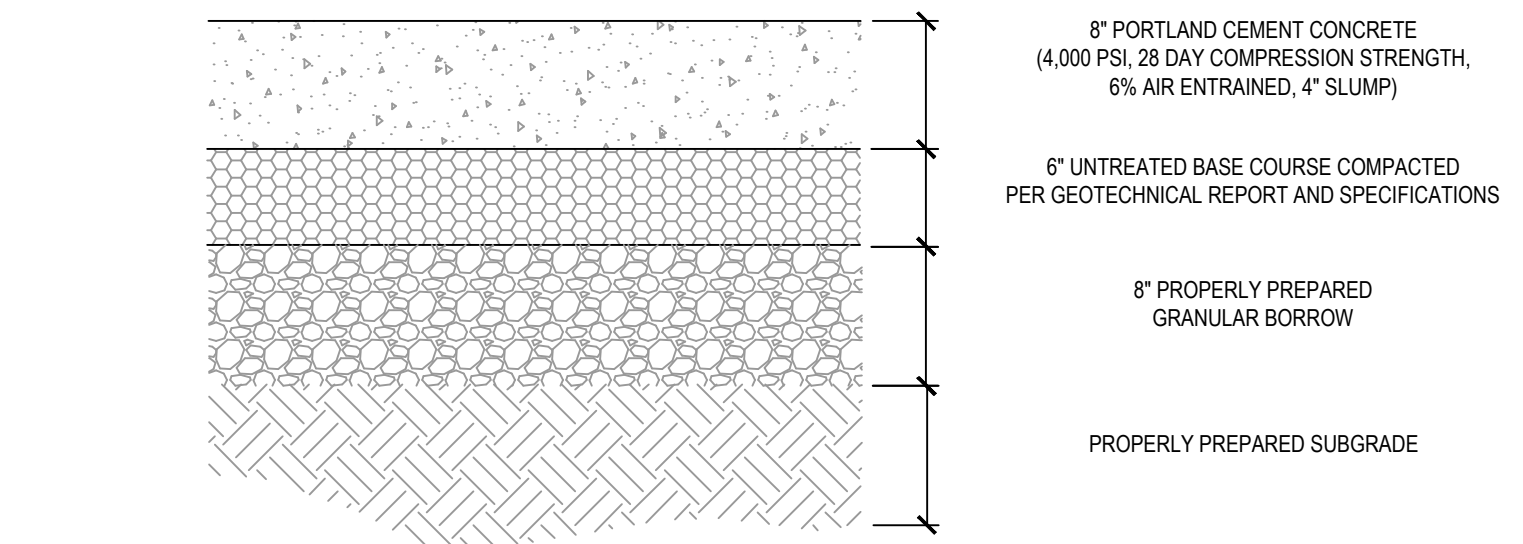
9 POND CONTROL STRUCTURE #215 SCALE: NONE



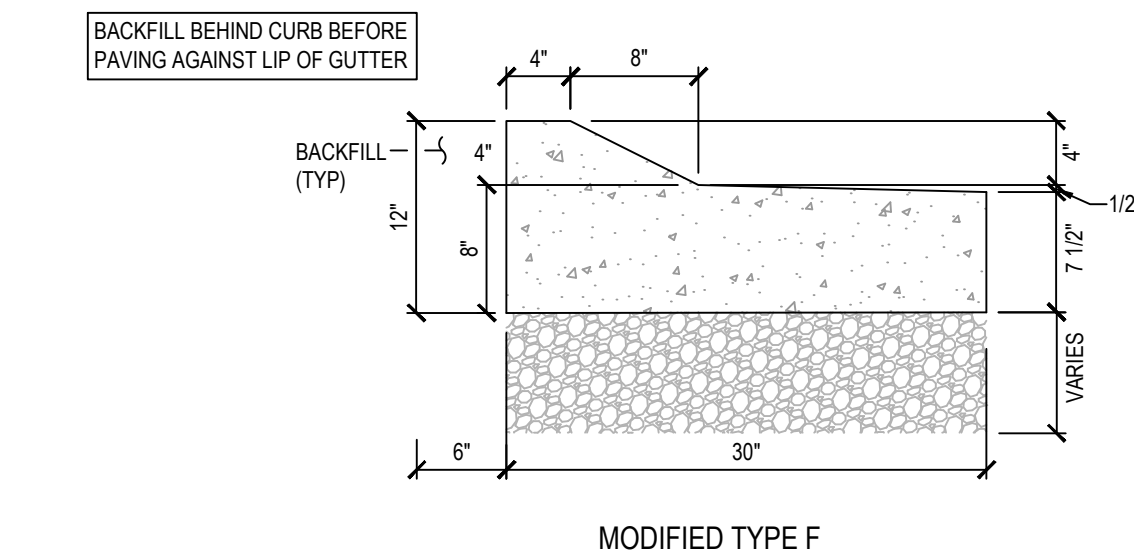
10 ORIFICE PLATE SCALE: NONE

CONCRETE NOTES

1. ALL PAVING TO BE PLACED OVER PROPERLY PREPARED NATURAL SOILS AND/OR PROPERLY PREPARED EXISTING FILL SOILS AND PROPERLY COMPACTED STRUCTURAL FILL WHERE SPECIFIED.
2. ALL STRUCTURAL FILL TO BE PLACED AND COMPACTED PER THE PROJECT GEOTECHNICAL REPORT OR TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE AASHTO T-180 (D-1557) METHOD OF COMPACTION. LIFTS SHOULD BE PLACED PER GEOTECHNICAL RECOMMENDATIONS BUT SHOULD NOT EXCEED 8" IN LOOSE THICKNESS.
3. REMOVE SURFACE VEGETATION AND OTHER DELETERIOUS MATERIALS OVER THE ENTIRE SITE IN PREPARATION OF PROPOSED IMPROVEMENTS.

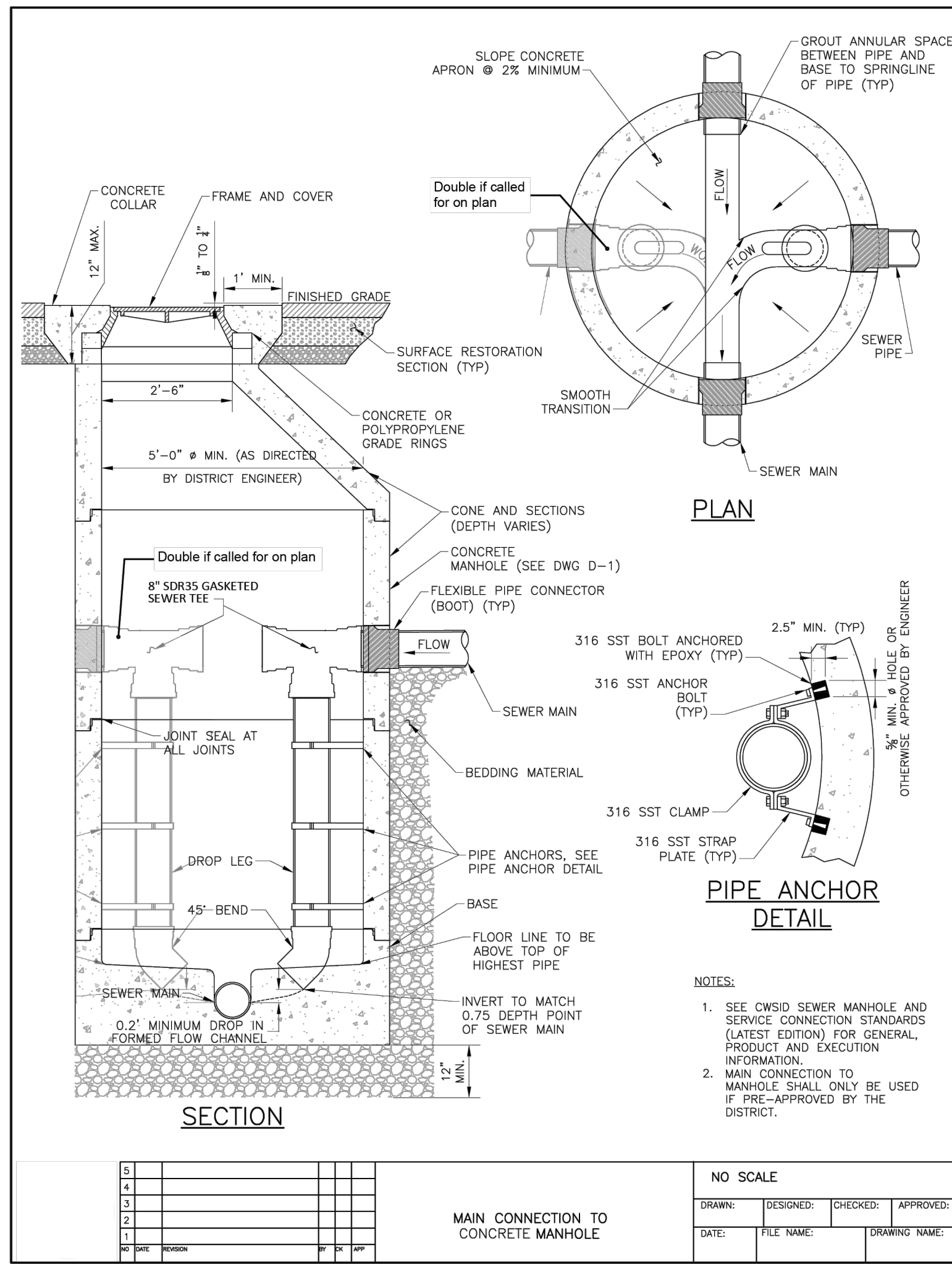


11 CONCRETE PAVEMENT SECTION SCALE: NONE



- GENERAL**
- A. Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER'S discretion.
 - B. Additional requirements are specified in APWA Section 32 16 13.
- PRODUCTS**
- A. Base Course: Untreated base course, APWA section 32 11 23. Do not use gravel as a base course without ENGINEER'S permission.
 - B. Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
 - C. Concrete: Class 4000, APWA Section 03 30 04. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air temperature exceeds 90 degrees F.
 - D. Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
- EXECUTION**
- A. Base Course Placement: APWA Section 32 05 10. Thickness is 6-inches if flow-line grade is 0.5 percent (s=0.005) or greater. If slope is less, provide 8-inches. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 25.
 - B. Concrete Placement: APWA Section 03 30 10.
 1. Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Install at the start or end of a street intersection curb return. Expansion joints are not required in concrete placement using slip-form construction.
 2. Install contraction joints vertical, 1/8-inch wide or 1/4 slab thickness if the slab is greater than 8-inches thick. Match joint location in adjacent Portland-cement concrete roadway pavement.
 3. Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
 - C. Protection and Repair: Protect concrete from deicing chemicals during cure. Repair construction that does not drain. If necessary, fill flow-line with water to verify.

12 MODIFIED 30" REVERSE PAN TYPE 'F' CURB AND GUTTER SCALE: NONE



1 DROP MANHOLE SCALE: NONE



Technical Data

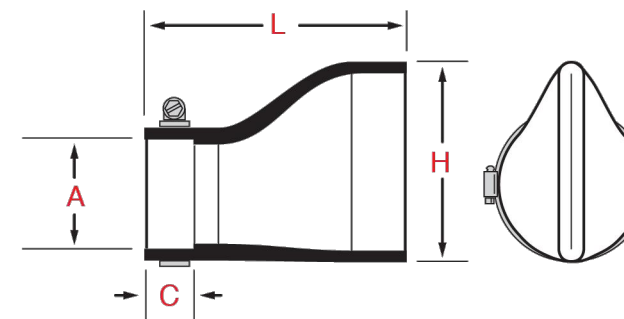
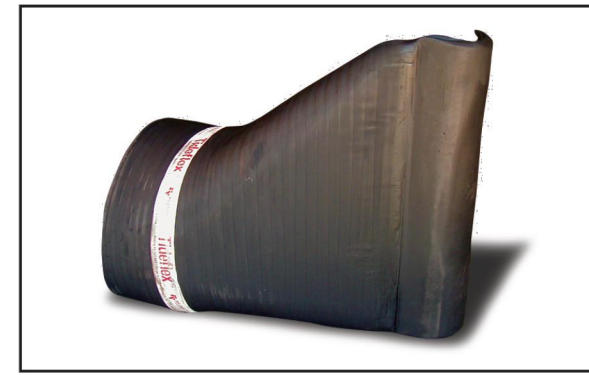
Series TF-1—Tideflex® Check Valve

Features & Benefits

- Ideal for manhole installations
- Lightweight, all-elastomer design
- Seals around entrapped solids
- Cost-effective, maintenance-free design

Materials of Construction

- Elastomers available in Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM, and Viton®



We are pleased to announce the introduction of the revolutionary TF-1 Check Valve. It functions and operates under the same simple principle of operation as the original TF-2 Tideflex®.

This design is ideal for existing manhole installations where the invert of the pipe is close to the floor of the vault. There are many check valves in interceptors, manholes, and vaults. These vaults are designed so that there would be a maximum gravity head; thus, the invert pipe is as close to the base as possible. The TF-1 allows installations in such applications.

The Tideflex® Technologies Series TF-1 Tideflex® Check Valve is designed for applications in manholes, where the bottom of the manhole is close to the invert of the pipe. The TF-1 configuration allows the valve to be properly installed without manhole modification, ensuring positive backflow prevention and a lifetime of maintenance-free performance.

| Pipe O.D. | Length | Bill Height | Cuff Length |
|-----------|--------|-------------|-------------|
| 4 | 10 | 8 | 1 1/2 |
| 5 | 10 | 8 | 1 1/2 |
| 6 | 16 | 12 | 2 |
| 8 | 16 | 16 | 2 |
| 10 | 23 | 19 | 3 |
| 12 | 27 | 23 | 4 |
| 14 | 27 | 23 | 4 |
| 16 | 35 | 30 | 5 |
| 18 | 36 | 34 | 6 |
| 20 | 44 | 37 | 8 |
| 22 | 44 | 37 | 8 |
| 24 | 48 | 43 | 8 |
| 26 | 48 | 43 | 8 |
| 28 | 48 | 43 | 8 |
| 30 | 56 | 55 | 9 |
| 32 | 56 | 55 | 9 |
| 36 | 67 | 69 | 10 |
| 38 | 67 | 69 | 10 |
| 40 | 67 | 69 | 10 |
| 42 | 61 | 71 | 10 |
| 44 | 61 | 71 | 10 |
| 48 | 66 | 78 | 10 |
| 50 | 66 | 78 | 10 |
| 54 | 66 | 78 | 10 |
| 58 | 66 | 78 | 10 |
| 60 | 73 | 91 | 14 |
| 68 | 73 | 91 | 14 |
| 72 | 96 | 115 | 16 |

Numbers indicate maximum dimensions in inches.

Tideflex Technologies • 600 N. Bell Ave., Carnegie, PA 15106 USA • 412-279-0044 • Fax 412-279-7878 • www.tideflex.com

2 SERIES TF-1 TIDEFLEX CHECK VALVE SCALE: NONE



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DETAILS

PROJECT NUMBER 9872 PRINT DATE 2024-01-04
 PROJECT MANAGER CP DESIGNED BY TS

C-501