



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

THE ORCHARDS AT JDC RANCH PHASE 2

2800 WEST 2600 NORTH STREET
 WEBER COUNTY, UTAH

FOR REVIEW
 NOT FOR CONSTRUCTION

DATE PRINTED
 January 17, 2024



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 Layton, UT 84041
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FOR:
 NILSON HOMES
 1740 COMBE RD, SUITE 2
 SOUTH OGDEN, UT 84403

CONTACT:
 STEVE ANDERSON
 PHONE: 801.392.8100

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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

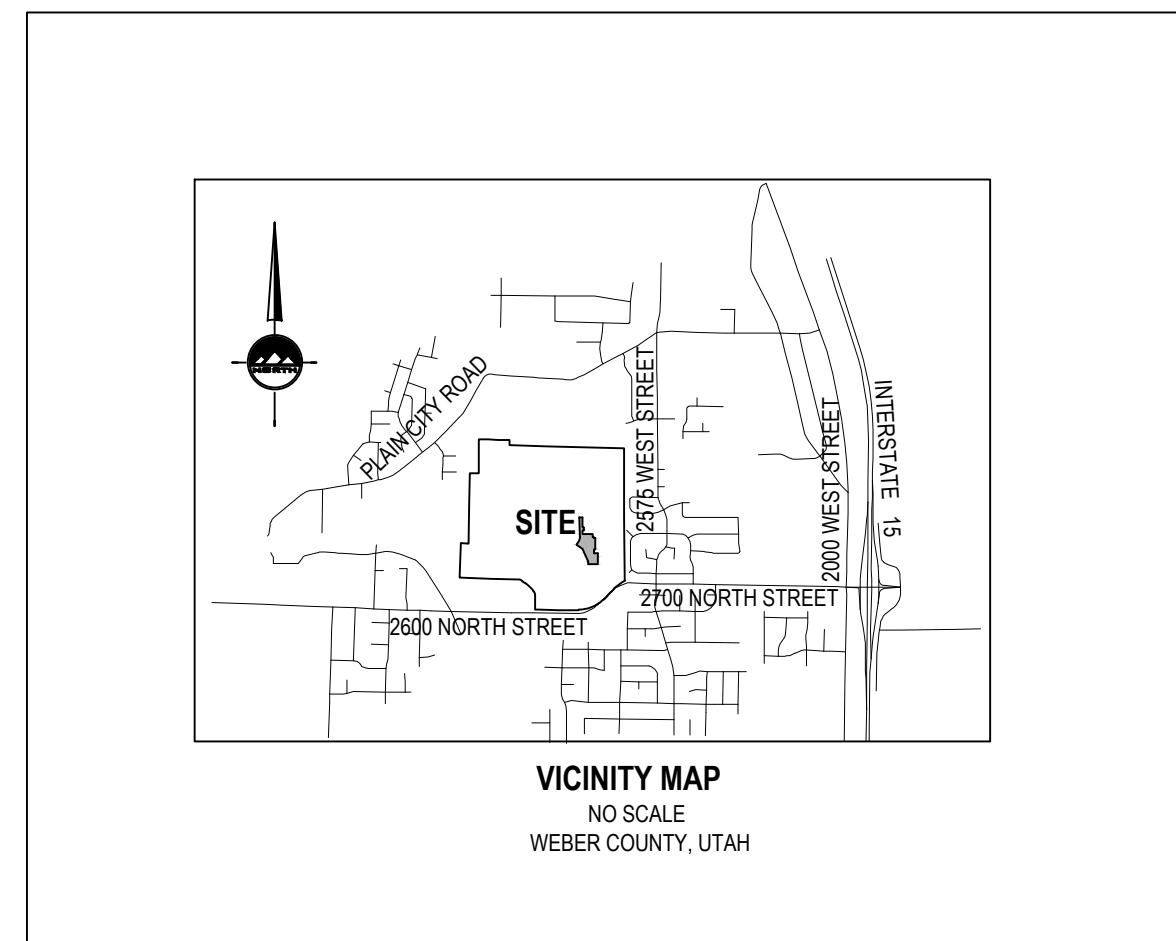
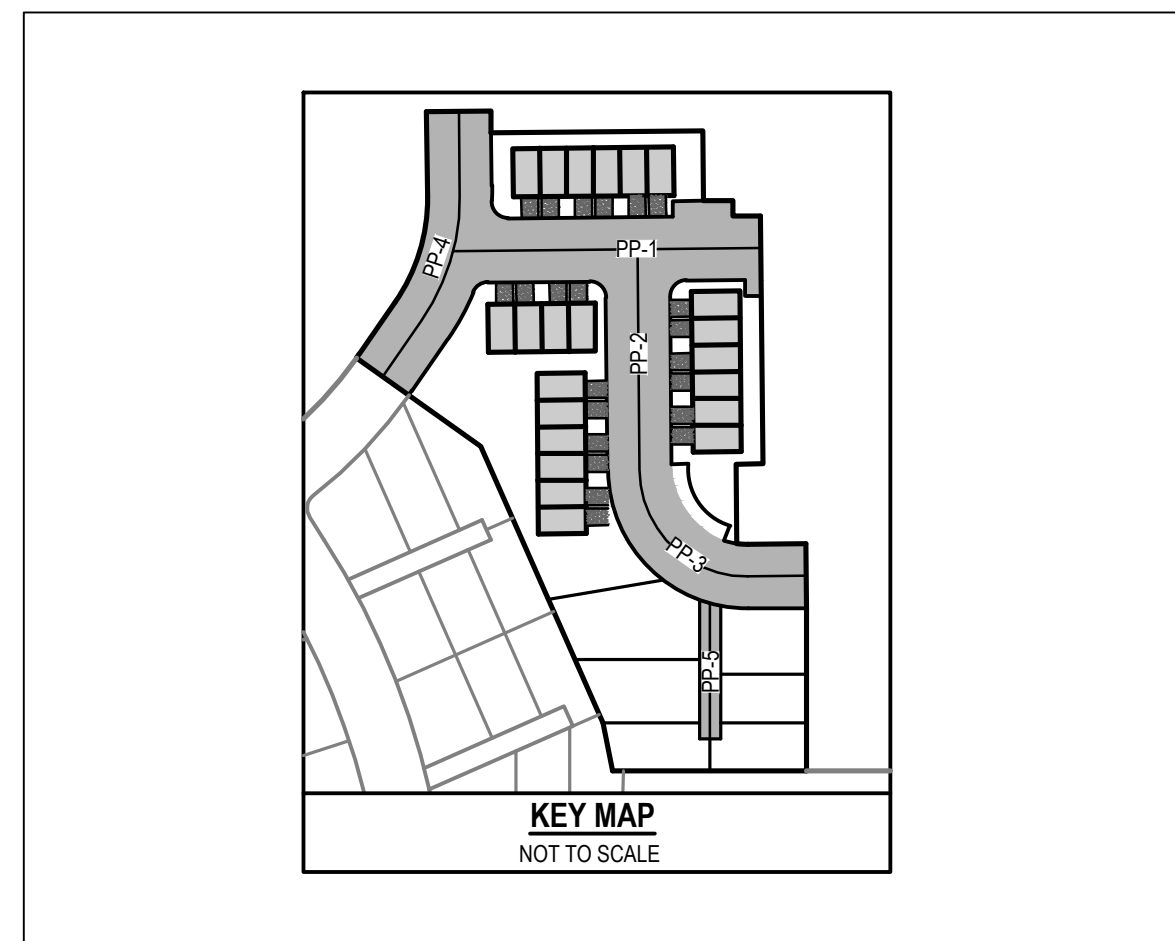
UNAPPROVED DRAWINGS REPRESENT WORK IN PROGRESS, ARE SUBJECT TO CHANGE, AND DO NOT CONSTITUTE A FINISHED ENGINEERING PRODUCT. ANY WORK UNDERTAKEN BY DEVELOPER OR CONTRACTOR BEFORE PLANS ARE APPROVED IS UNDERTAKEN AT THE SOLE RISK OF THE DEVELOPER, INCLUDING BUT NOT LIMITED TO BIDS, ESTIMATION, FINANCING,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

UTILITY DISCLAIMER

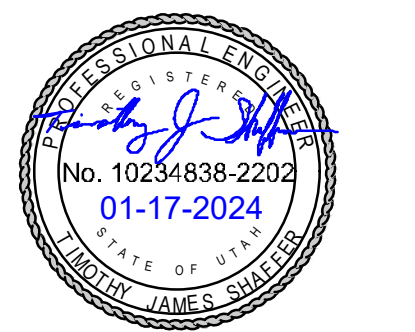
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND / OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE 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.



THE ORCHARDS AT JDC RANCH
 PHASE 2
 2800 WEST 2600 NORTH STREET
 WEBER COUNTY, UTAH



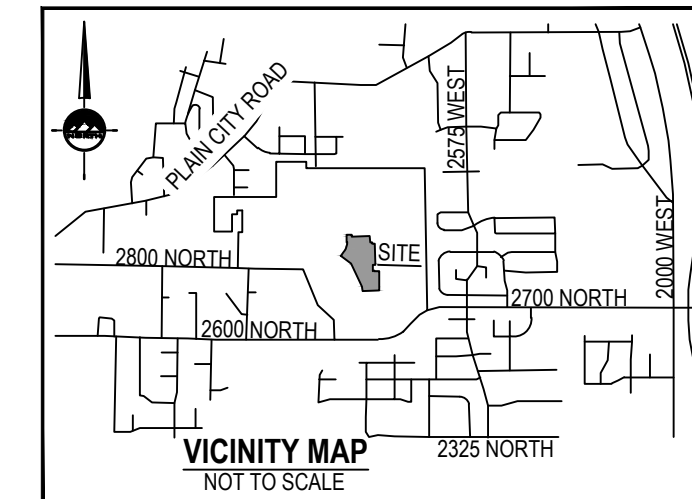
NO. DATE REASON FOR REVIEW

COVER

PROJECT NUMBER 9872 PRINT DATE 2024-01-17
 PROJECT MANAGER CP DESIGNED BY TS

THE ORCHARDS AT JDC RANCH PHASE 2

LOCATED IN THE SOUTHEAST QUARTER SECTION 27
TOWNSHIP 7 NORTH, RANGE 2 WEST
SALT LAKE BASE AND MERIDIAN
WEBER COUNTY, UTAH
JANUARY 2024



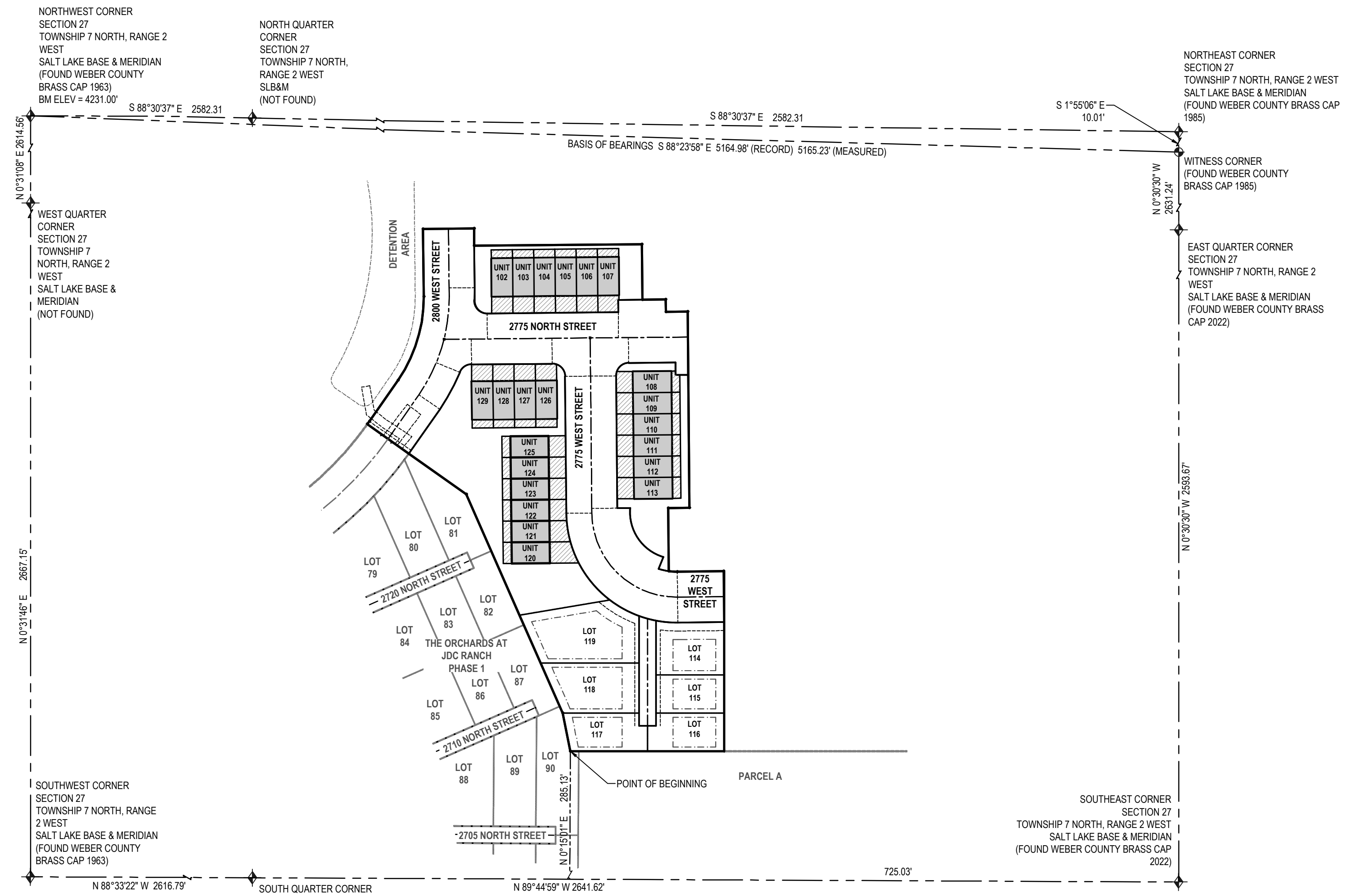
- GENERAL NOTES:**
- PROPERTY IS WITHIN RESIDENTIAL OVERLAY ZONE.
 - FRONT YARD SETBACK IS 20'
 - REAR YARD SETBACK IS 10'
 - SIDE YARD SETBACK IS 5'
 - ADJACENT TO RIGHT OF WAY IS 10'
 - ALL PUBLIC UTILITY AND DRAINAGE EASEMENTS (PU&DE) ARE 10' FRONT FROM PUBLIC RIGHT OF WAY, 5' FROM PRIVATE DRIVEWAY.
 - PARCELS A,B & C ARE TO BE OWNED AND MAINTAINED BY THE ORCHARDS PHASE 2 HOME OWNER'S ASSOCIATION.
 - 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.
 - 5/8" x 24" REBAR AND CAP WILL BE PLACED AT ALL REAR LOT CORNERS AND FRONT CORNERS WILL BE MARKED WITH A NAIL OR RIVET AT THE EXTENSION IN THE CURB.
 - 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.
 - THE LOWEST FLOOR ELEVATION WILL NOT BE LOWER THAN ELEVATION 42.0 FT.

SURVEYOR'S CERTIFICATE
I, **TRENT R. WILLIAMS**, do hereby certify that I am a Licensed Professional Land Surveyor in the State of Utah and that I hold License No. **8934679** in accordance with Title 55, Chapter 22 of the Professional Engineers and Land Surveyors Act. I further certify that by authority of the Owners, I have completed a survey of the property described on this subdivision plat in accordance with Section 17-23-1 and have verified all measurements and that the monuments shown on this plat are located as indicated and are sufficient to accurately establish the boundaries of the herein described tract of real property and that it has been drawn correctly and is a true and correct representation of the herein described lands included in said subdivision based on data compiled from The County Recorder's office. I further certify that all lots meet frontage width and area requirements of applicable zoning ordinances.

SURVEY NARRATIVE
Purpose of Survey is to split existing parcels into lots and streets.

BOUNDARY DESCRIPTION
A parcel of land, situated in the Southeast Quarter of Section 27, 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 on the north line of a property corner for The Orchards at JDC Ranch - Phase 1 Subdivision, said point being North 89°44'59" West 125.03 feet along the Section Line and North 00°15'01" East 285.13 feet from the Southeast Corner of said Section 27 and running thence along the perimeter of said subdivision the following three (3) courses and distances:
1) North 11°13'32" West 45.88 feet;
2) North 23°48'56" West 281.85 feet;
3) North 54°38'01" West 142.63 feet;
thence northeasterly 4.08 feet along the arc of a 170.0-foot radius tangent curve to the left (center bears North 54°38'01" West and the long chord bears North 35°04'13" East 14.08 feet with a central angle of 0°39'33");
thence North 34°47'07" East 59.02 feet;
thence northeasterly 104.77 feet along the arc of a 170.0-foot radius tangent curve to the left (center bears North 55°13'34" West and the long chord bears North 17°07'01" East 103.13 feet with a central angle of 36°16'50");
thence North 00°32'24" West 79.84 feet;
thence North 89°27'36" East 60.00 feet;
thence South 00°32'24" East 20.39 feet;
thence North 89°27'36" East 187.50 feet;
thence South 00°32'24" East 65.50 feet;
thence North 89°27'36" East 27.50 feet;
thence South 00°32'24" East 14.50 feet;
thence North 89°27'36" East 25.60 feet;
thence South 00°32'24" East 231.44 feet;
thence South 89°27'36" West 25.00 feet;
thence South 00°32'24" East 74.28 feet;
thence easterly 10.03 feet along the arc of a 70.0-foot radius non-tangent curve to the left (center bears North 07°40'24" East and the long chord bears South 86°26'00" East 10.03 feet with a central angle of 08°12'48");
thence North 89°27'36" East 55.10 feet;
thence South 212.10 feet to a point along the North property line of The Orchards at JDC Ranch - Phase 1 subdivision;
thence along said subdivision West 181.08 feet to the Point of Beginning.

Contains: 159,482 square feet or 3.661 acres, 6 Lots, 22 Units and 3 Open Spaces



OWNER'S DEDICATION
We (I) the undersigned owners of the above described tract of land, do hereby set apart and subdivide the same into lots and streets (private streets/private right-of-way) as shown hereon and name said tract, and do hereby dedicate, grant and convey to Weber County, Utah, or its designee, all those parts or portions of said tract of land designated as parks the same to be used as public open space:

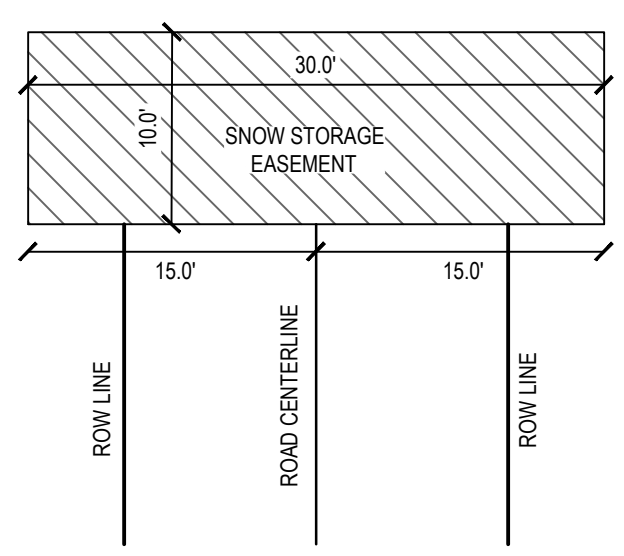
THE ORCHARDS AT JDC RANCH PHASE 2

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.
Dedicate and reserve unto themselves, their heirs, their grantees and assigns, a right-of-way to be used in common with all others within said subdivision (and those adjoining subdivisions that may be subdivided by the undersigned owners, their successors, or assigns) on, over and across all those portions or parts of said tract of land designated on this plat as private streets (private rights-of-way) as access to the individual lots, to be maintained by a home owners association whose membership consists of said owners, their grantees, successors, or assigns.
Grant and convey to the subdivision home owners association, all those part or portions of said tract of land designated as common areas to be used for recreational and open space purposes for the benefit of each home owners association member in common with all others in the subdivision and grant and dedicate to the county a perpetual open space right and easement on and over the common areas to guarantee to Weber County that the common areas remain open and undeveloped except for approved recreational, parking and open space purposes.
Grant and dedicate a perpetual right and easement over, upon and under the lands designated hereon as public utility, and drainage easements with no buildings or structures being erected within such easements.
Grant and dedicate unto all owners of lots upon which private land drains are constructed or which are otherwise dependent upon such land drains, an easement over such land drains for the purpose of perpetual maintenance and operation.

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

By: **DAVID LOWRY**

LIMITED LIABILITY COMPANY ACKNOWLEDGMENT
STATE OF UTAH
County of Weber J.S.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.



1 SNOW STORAGE EASEMENT TYPICAL DETAIL
SCALE: NONE

DEVELOPER
NILSON HOMES
1740 COMBE RD, SUITE 2
SOUTH OGDEN, UTAH 84403
801-392-8100

RECORD OF SURVEY
ROS NO.: _____
COUNTY SURVEYOR REVIEWER DATE

THE ORCHARDS AT JDC RANCH PHASE 2

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

WEBER COUNTY RECORDER
ENTRY NO. _____ FEE _____
PAID _____ FILED FOR RECORD AND
RECORDED THIS _____ DAY OF _____, 20____
AT _____ IN BOOK _____ OF OFFICIAL RECORDS
PAGE _____
WEBER COUNTY RECORDER
BY _____ DEPUTY RECORDER

COUNTY PLANNING COMMISSION APPROVAL
THIS IS TO CERTIFY THAT THIS SUBDIVISION PLAT HAS DULY APPROVED BY THE WEBER COUNTY PLANNING COMMISSION ON THE _____ DAY OF _____, 20____.
CHAIRMAN, WEBER COUNTY PLANNING COMMISSION

SHEET 1 OF 2
PROJECT NUMBER: 9872
MANAGER: C PRESTON
DRAWN BY: A SHELBY
CHECKED BY: T WILLIAMS
DATE: 1/17/2024

COUNTY COMMISSION ACCEPTANCE
THIS IS TO CERTIFY THAT THIS SUBDIVISION PLAT, THE DEDICATION OF STREETS AND OTHER PUBLIC WAYS AND FINANCIAL GUARANTEE OF PUBLIC IMPROVEMENTS ASSOCIATED WITH THIS SUBDIVISION, THEREON ARE HEREBY APPROVED AND ACCEPTED BY THE COMMISSIONERS OF WEBER COUNTY, UTAH THIS _____ DAY OF _____, 20____.
CHAIRMAN, WEBER COUNTY COMMISSION
ATTEST: _____
TITLE: _____

COUNTY ATTORNEY
I HAVE EXAMINED THE FINANCIAL GUARANTEE AND OTHER DOCUMENTS ASSOCIATED WITH THIS SUBDIVISION PLAT AND IN MY OPINION THEY CONFORM WITH THE COUNTY ORDINANCE APPLICABLE THERETO AND NOW IN FORCE AND AFFECT.
SIGNED THIS _____ DAY OF _____, 20____.
SIGNATURE _____

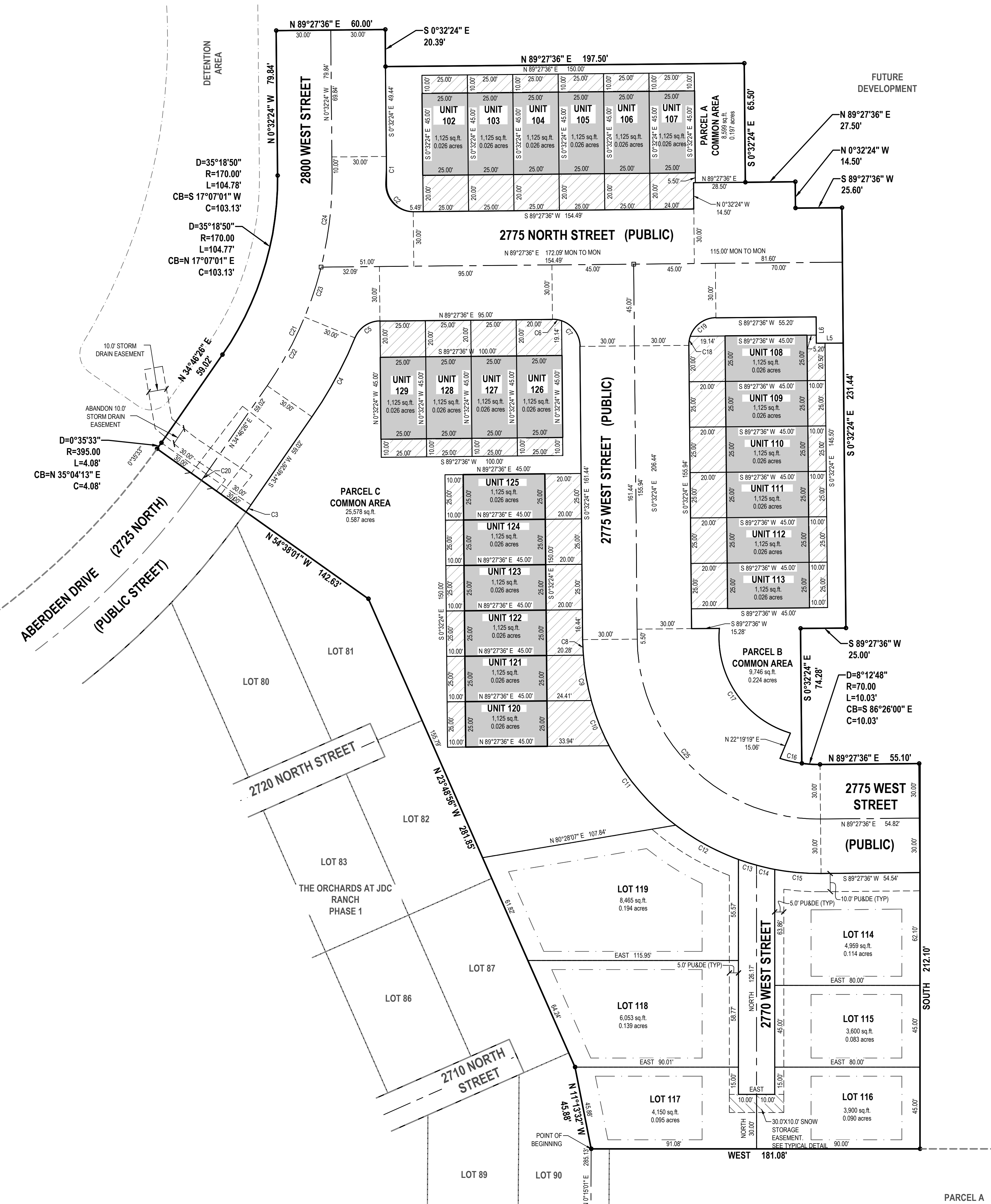
COUNTY ENGINEER
I HEREBY CERTIFY THAT THE REQUIRED PUBLIC IMPROVEMENT STANDARDS AND DRAWINGS FOR THIS SUBDIVISION CONFORM WITH COUNTY STANDARDS AND THE AMOUNT OF THE FINANCIAL GUARANTEE IS SUFFICIENT FOR THE INSTALLATION OF THESE IMPROVEMENTS.
SIGNED THIS _____ DAY OF _____, 20____.
SIGNATURE _____

ENSIGN
LAYTON
919 North 400 West
Layton UT 84041
Phone: 801.547.1100
Fax: 801.593.6315
RICH F. LID
Phone: 435.896.2983
WWW.ENSIGNCO.COM

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 #
WCO-106-1-8(6)(1)(A)-(10) WCO 45-4-2(c)

THE ORCHARDS AT JDC RANCH PHASE 2

LOCATED IN THE SOUTHEAST QUARTER SECTION 27
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FUTURE DEVELOPMENT

LINE	BEARING	LENGTH
L5	N89°27'36"E	14.80'
L6	S0°32'24"E	14.50'

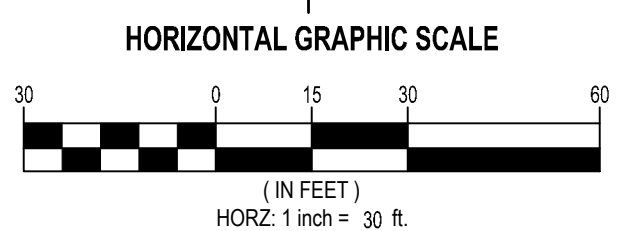
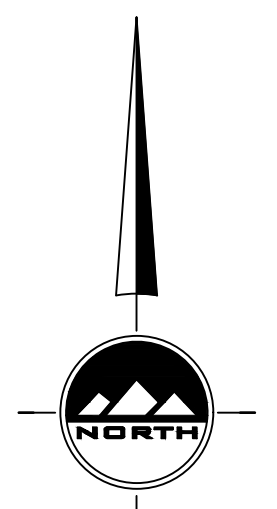
CURVE	RADIUS	LENGTH	DELTA	BEARING	CHORD
C1	230.00'	14.62'	3°38'28"	S11°16'50"W	14.61'
C2	15.00'	24.52'	93°38'28"	S43°43'10"E	21.86'
C3	455.00'	4.71'	0°35'33"	N35°04'13"E	4.71'
C4	230.00'	49.60'	12°21'26"	N28°35'43"E	49.51'
C5	15.00'	17.55'	67°02'35"	S55°56'18"W	16.57'
C6	15.00'	5.10'	19°28'16"	N80°48'16"W	5.07'
C7	15.00'	18.46'	70°31'44"	N35°48'16"W	17.32'
C8	130.00'	8.57'	3°46'32"	S2°25'40"E	8.56'
C9	130.00'	25.38'	11°11'06"	S9°54'29"E	25.34'
C10	130.00'	26.80'	11°48'46"	S21°24'25"E	26.75'
C11	130.00'	57.57'	25°22'29"	S40°00'02"E	57.10'
C12	130.00'	39.52'	17°25'00"	S61°23'47"E	39.37'
C13	130.00'	10.49'	4°37'29"	S72°25'01"E	10.49'
C14	130.00'	10.27'	4°31'29"	S76°59'30"E	10.26'
C15	130.00'	25.61'	11°17'10"	S84°53'49"E	25.57'
C16	70.00'	12.39'	10°08'32"	S77°15'20"E	12.38'
C17	55.00'	75.47'	78°36'59"	N34°06'32"W	69.68'
C18	15.00'	5.10'	19°28'16"	S89°11'44"W	5.07'
C19	15.00'	18.46'	70°31'44"	S54°11'44"W	17.32'
C20	425.00'	4.39'	0°35'33"	N35°04'13"E	4.39'
C21	200.00'	72.16'	20°40'15"	S24°26'19"W	71.76'
C22	200.00'	43.13'	12°21'26"	S28°35'43"W	43.05'
C23	200.00'	29.02'	8°18'50"	S18°15'36"W	29.00'
C24	200.00'	51.11'	14°38'35"	S6°46'53"W	50.97'
C25	100.00'	157.08'	90°00'00"	S45°32'24"E	141.42'

LEGEND

- SECTION CORNER
- WITNESS MONUMENT
- PROPOSED STREET MONUMENT
- SET 5/8" X 24" REBAR WITH YELLOW PLASTIC CAP, OR NAIL STAMPED "ENSIGN ENG. & LAND SURV."
- SECTION LINE
- SECTION TIE LINE
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- ROAD CENTERLINE
- ADJACENT ROAD CENTERLINE
- RIGHT OF WAY
- LOT LINE
- EASEMENT
- ADJACENT RIGHT OF WAY
- ADJACENT LOT LINE
- TANGENT LINE
- SNOW STORAGE EASEMENT
- LIMITED COMMON AREA
- COMMON AREA

ABBREVIATIONS LIST

- PL PROPERTY LINE
- MON MONUMENT
- CL CENTERLINE
- PC PROPERTY CURVE
- PU&DE PUBLIC UTILITY & DRAINAGE EASEMENT



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WEBER COUNTY RECORDER
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AT _____ IN BOOK _____ OF OFFICIAL RECORDS
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WEBER COUNTY RECORDER
BY _____ DEPUTY RECORDER

SHEET 2 OF 2

PROJECT NUMBER: 9972
MANAGER: C.PRESTON
DRAWN BY: A.SHELBY
CHECKED BY: T.WILLIAMS
DATE: 1/17/2024

DEVELOPER
NILSON HOMES
1740 COMBE RD. SUITE 2
SOUTH OGDEN, UTAH 84403
801-392-8100



LAYTON
919 North 400 West
Layton UT 84041
Phone: 801.547.1100
Fax: 801.593.6315
RICHFIELD, UT
Phone: 435.898.2963
WWW.ENSIGNENG.COM

SALT LAKE CITY
Phone: 801.255.0529
TOGILE
Phone: 435.843.3590
CEDAR CITY
Phone: 435.881.1463
RICHFIELD, UT
Phone: 435.898.2963

SEE PAGE 1 OF 2 FOR SECTION TIES

GENERAL NOTES

- 1. ALL CONSTRUCTION MUST STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY THE DESIGN ENGINEER...
2. CONTRACTOR TO STRICTLY FOLLOW THE MOST CURRENT COPY OF THE SOILS REPORT FOR THIS PROJECT...
3. CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING...
4. CONTRACTOR SHALL PROVIDE A CONSTRUCTION SCHEDULE IN ACCORDANCE WITH THE CITY, STATE, OR COUNTY REGULATIONS...
5. CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ACCORDING TO GOVERNING AGENCY STANDARDS...
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT SURFACE IMPROVEMENTS...
7. CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OR DAMAGE TO EXISTING UTILITIES...
8. THE CONTRACTOR IS RESPONSIBLE TO FURNISH ALL MATERIALS TO COMPLETE THE PROJECT...
9. ALL EXPOSED SURFACES WILL HAVE A TEXTURED FINISH, RUBBED, OR BROOMED...
10. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED...
11. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS...
12. ALL DIMENSIONS, GRADES, AND UTILITY DESIGN SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR...
13. NO CHANGE IN DESIGN LOCATION OR GRADE WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE PROJECT ENGINEER...
14. NATURAL VEGETATION AND SOIL COVER SHALL NOT BE DISTURBED PRIOR TO ACTUAL CONSTRUCTION...
15. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND MONUMENT REFERENCE MARKS...
16. EXISTING UTILITY INFORMATION SHOWN IS FOR INFORMATIONAL PURPOSES ONLY...
16.1. CONTRACTOR IS REQUIRED TO LOCATE AND POT-HOLE ALL EXISTING UTILITY LINES (BOTH HORIZONTALLY AND VERTICALLY) THAT AFFECT THE PROJECT CONSTRUCTION...
16.2. CONTRACTOR IS REQUIRED TO VERIFY THAT PROPER COVER AND PROTECTION OF EXISTING UTILITY LINES IS MAINTAINED...
16.3. IN ADDITION TO 16.1 AND 16.2 ABOVE, THE CONTRACTOR WILL VERIFY DEPTHS OR UTILITIES IN THE FIELD BY "POTHOLING" A MINIMUM OF 300 FEET AHEAD OF PROPOSED PIPELINE CONSTRUCTION...
16.4. 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...
16.5. IF A CONFLICT ARISES BETWEEN EXISTING UTILITIES AND DESIGN UTILITIES (OR ANOTHER ASPECT OF PROPOSED CONSTRUCTION) RESULTING FROM THE CONTRACTOR'S 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...
17. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER...
18. CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION...
19. AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAWCUT TO A CLEAN, SMOOTH EDGE...
20. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY GUIDELINES...
21. 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...
22. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTOR'S USE DURING CONSTRUCTION...
23. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT...
24. 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...
25. 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...
26. CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES...
27. 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...
28. ALL EXISTING GATES AND FENCES TO REMAIN UNLESS OTHERWISE NOTED ON PLANS...
29. ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED ON PLANS...
30. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE GOVERNING AGENCY PRIOR TO THE PLACEMENT...
31. CONTRACTORS ARE RESPONSIBLE FOR ALL OSHA REQUIREMENTS ON THE PROJECT SITE...
32. 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

- 1. 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...
2. CONTRACTOR SHALL COORDINATE LOCATION OF NEW 'DRY UTILITIES' WITH THE APPROPRIATE UTILITY COMPANY...
3. EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS BASED ON ON-SITE SURVEY...
4. CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES...
5. TRENCH BACKFILL MATERIAL AND COMPACTION TESTS ARE TO BE TAKEN PER APWA STANDARD SPECIFICATIONS...
6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS...
7. THE CONTRACTOR IS REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE APPROVED PROJECT LIMITS...
8. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY ANY CONDITION INCLUDING SETTLEMENT...
9. ALL WATER LINE AND SEWER LINE INSTALLATION AND TESTING TO BE IN ACCORDANCE WITH LOCAL GOVERNING AGENCY'S STANDARDS...
10. ALL MANHOLES, HYDRANTS, VALVES, CLEANOUT BOXES, CATCH BASINS, METERS, ETC. MUST BE RAISED OR LOWERED TO FINAL GRADE PER APWA (CURRENT EDITION) STANDARDS...
11. CONTRACTOR SHALL NOT ALLOW ANY GROUNDWATER OR DEBRIS TO ENTER THE NEW OR EXISTING PIPE DURING CONSTRUCTION...
12. SILT AND DEBRIS ARE TO BE CLEANED OUT OF ALL STORM DRAIN BOXES...
13. CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES...
14. EACH TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND GRADE AS REQUIRED...
15. 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...
16. ALL SEWER LINES AND SEWER SERVICES SHALL HAVE A MINIMUM SEPARATION OF 10 FEET...
17. CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES...
18. ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET PAVING...
19. CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL NONMETALLIC PIPE...

TRAFFIC CONTROL AND SAFETY NOTES

- 1. TRAFFIC CONTROL AND STRIPPING TO CONFORM TO THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)...
2. BARRICADING AND DETOURING SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE CURRENT M.U.T.C.D...
3. NO STREET SHALL BE CLOSED TO TRAFFIC WITHOUT WRITTEN PERMISSION FROM THE APPROPRIATE AGENCY...
4. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROVIDE FOR SMOOTH TRAFFIC FLOW AND SAFETY...
5. DETOURING OPERATIONS FOR A PERIOD OF SIX CONSECUTIVE CALENDAR DAYS, OR MORE, REQUIRE THE INSTALLATION OF TEMPORARY STREET STRIPING...
6. ALL TRAFFIC CONTROL DEVICES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE END OF THE WORK...
7. TRAFFIC CONTROL DEVICES (TCDs) SHALL REMAIN VISIBLE AND OPERATIONAL AT ALL TIMES...
8. 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...
9. THE CONTRACTOR SHALL PROVIDE BARRICADES, SIGNS, FLASHERS, OTHER EQUIPMENT AND FLAG PERSONS NECESSARY TO INSURE THE SAFETY OF WORKERS AND VISITORS...
10. 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...

DEMOLITION NOTES

- 1. EXISTING UTILITY INFORMATION SHOWN IS FOR INFORMATIONAL PURPOSES ONLY...
2. THERE MAY BE BURIED UTILITIES WITHIN THE LIMITS OF DISTURBANCE THAT ARE NOT SHOWN ON THE PLANS...
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING AND PROTECTING FROM DAMAGE ALL EXISTING UTILITIES AND IMPROVEMENTS...
OR INDIRECTLY, FROM HIS OPERATIONS, WHETHER OR NOT SAID FACILITIES ARE SHOWN ON THESE PLANS.

GRADING AND DRAINAGE NOTES

- 1. 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...
2. THE CONTRACTOR SHALL STRIP AND CLEAR THE TOPSOIL, MAJOR ROOTS AND ORGANIC MATERIAL...
3. THE CONTRACTOR SHALL REMOVE ALL ORGANIC MATERIAL AND OTHER DELETERIOUS MATERIALS...
4. ALL DEBRIS PILES AND BERMS SHOULD BE REMOVED AND HAULED AWAY FROM SITE...
5. THE CONTRACTOR SHALL CONSTRUCT THE BUILDING PAD TO THESE DESIGN PLANS...
6. THE CONTRACTOR SHALL GRADE THE PROJECT SITE TO PROVIDE A SMOOTH TRANSITION...
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE AND DEBRIS ON ADJACENT STREETS...
8. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL CONDITIONS AND RECOMMENDATIONS...
9. THE CONTRACTOR SHALL TAKE APPROPRIATE GRADING MEASURES TO DIRECT STORM SURFACE RUNOFF...
10. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON ON-SITE SURVEY...
11. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS...
12. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT...
13. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN...
14. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED...
15. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES...
16. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAYS...
THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAYS IN A CLEAN, SAFE AND USABLE CONDITION...
THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAYS IN A CLEAN, SAFE, AND USABLE CONDITION...

ABBREVIATIONS

Table with 3 columns: Abbreviation, Description, and Symbol/Line Style. Includes APWA, AR, ASTM, AWWA, BOS, BVC, C, CB, CF, CL, CO, COMM, CONC, CONT, DIA, DIP, ELEC, ELEV, EOK, EVC, EW, EXIST, FF, FG, FH, FL, GB, GF, GH, GV, HP, IRR, K, LD, LF, LP, MEX, MH, MJ, NG, NIC, NO, OC, OCEW, OHP, PC, PCC, PI, PIV, PL, PVC, PVI, PVT, R, RD, ROW, S, SAN SWR, SD, SEC, SS, STA, SW, TBC, TOG, TOA, TOC, TOF, TOW, TOS, TYP, VC, WV, W.

LEGEND

Table with 3 columns: Symbol/Line Style, Description, and Legend Item. Includes SECTION CORNER, EXISTING MONUMENT, PROPOSED MONUMENT, EXISTING REBAR AND CAP, SET ENSIGN REBAR AND CAP, EXISTING WATER METER, PROPOSED WATER METER, EXISTING WATER MANHOLE, PROPOSED WATER MANHOLE, EXISTING WATER BOX, EXISTING WATER VALVE, PROPOSED WATER VALVE, EXISTING FIRE HYDRANT, PROPOSED FIRE HYDRANT, PROPOSED FIRE DEPARTMENT CONNECTION, EXISTING SECONDARY WATER VALVE, PROPOSED SECONDARY WATER VALVE, EXISTING IRRIGATION BOX, EXISTING IRRIGATION VALVE, PROPOSED IRRIGATION VALVE, EXISTING SANITARY SEWER MANHOLE, PROPOSED SANITARY SEWER MANHOLE, EXISTING SANITARY CLEAN OUT, EXISTING STORM DRAIN CLEAN OUT BOX, PROPOSED STORM DRAIN CLEAN OUT BOX, EXISTING STORM DRAIN INLET BOX, EXISTING STORM DRAIN CATCH BASIN, PROPOSED STORM DRAIN CATCH BASIN, EXISTING STORM DRAIN COMBO BOX, PROPOSED STORM DRAIN COMBO BOX, EXISTING STORM DRAIN CLEAN OUT, EXISTING STORM DRAIN CULVERT, PROPOSED STORM DRAIN CULVERT, TEMPORARY SAG INLET PROTECTION, TEMPORARY IN-LINE INLET PROTECTION, ROOF DRAIN, EXISTING ELECTRICAL MANHOLE, EXISTING ELECTRICAL BOX, EXISTING TRANSFORMER, EXISTING UTILITY POLE, EXISTING LIGHT, PROPOSED LIGHT, EXISTING GAS METER, EXISTING GAS MANHOLE, EXISTING GAS VALVE, EXISTING TELEPHONE MANHOLE, EXISTING TELEPHONE BOX, EXISTING TRAFFIC SIGNAL BOX, EXISTING CABLE BOX, EXISTING BOLLARD, PROPOSED BOLLARD, EXISTING SIGN, PROPOSED SIGN, EXISTING SPOT ELEVATION, PROPOSED SPOT ELEVATION, EXISTING FLOW DIRECTION, EXISTING TREE, DENSE VEGETATION.

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

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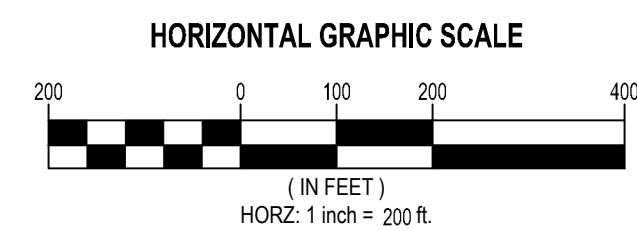
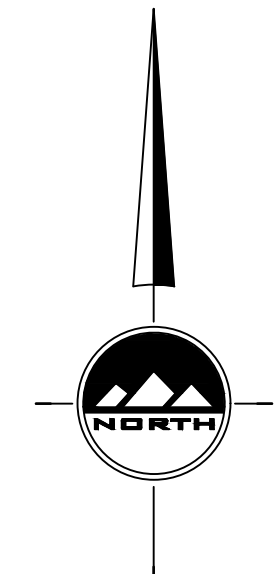
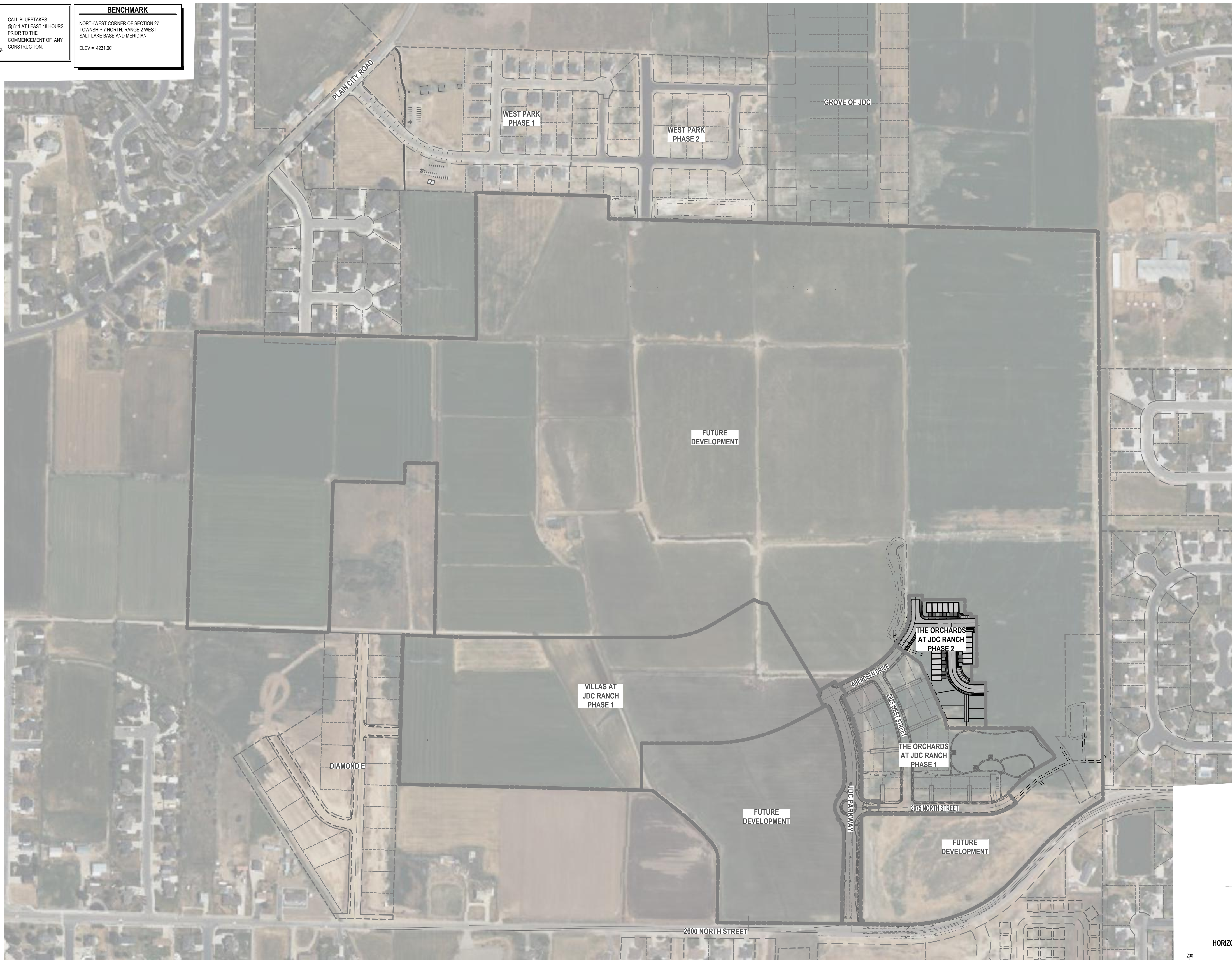
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GENERAL NOTES

C-001

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**OVERALL DEVELOPMENT
SITE PLAN**

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- 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 FIRE HYDRANT AND VALVE PER BONA VISTA WATER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS.
 - 2 INSTALL HANDICAP ACCESSIBLE RAMP PER APWA PLAN 235.2
 - 3 INSTALL 30" TYPE 'F' MOUNTABLE CURB AND GUTTER PER APWA STANDARDS AND SPECIFICATIONS PLAN 205.2
 - 4 INSTALL CONCRETE SIDEWALK PER APWA PLAN 231. WIDTH PER PLAN
 - 5 MATCH EXISTING IMPROVEMENTS
 - 6 EXISTING STREET LIGHT
 - 7 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
 - 8 EXISTING FIRE HYDRANT
 - 9 INSTALL DRIVE APPROACH PER APWA PLAN 221.1
 - 10 INSTALL ASPHALT DRIVEWAY PER DETAIL 8/C-500
 - 11 EXISTING CURB AND GUTTER
 - 12 EXISTING SIDEWALK
 - 13 INSTALL 24" MODIFIED TYPE 'F' MOUNTABLE CURB AND GUTTER PER DETAIL 9/C-500
 - 14 INSTALL 24" MODIFIED TYPE 'F' REVERSE MOUNTABLE CURB AND GUTTER PER DETAIL 10/C-500
 - 15 TRANSITION FROM 24" MODIFIED TYPE 'F' MOUNTABLE CURB AND GUTTER TO 24" MODIFIED TYPE 'F' REVERSE PAN MOUNTABLE CURB AND GUTTER
 - 16 INSTALL 30" TYPE 'F' REVERSE PAN CURB AND GUTTER PER DETAIL 12/C-500
 - 17 TRANSITION FROM 30" TYPE 'F' COLLECTION CURB AND GUTTER TO 30" TYPE 'F' REVERSE PAN CURB AND GUTTER
 - 18 INSTALL 3" WATERWAY PER DETAIL 11/C-500
 - 19 INSTALL 30" APWA TYPE 'A' CURB AND GUTTER
 - 20 TRANSITION FROM 30" APWA TYPE 'A' CURB AND GUTTER TO 30" APWA TYPE 'F' CURB AND GUTTER

- 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, SOD, 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.

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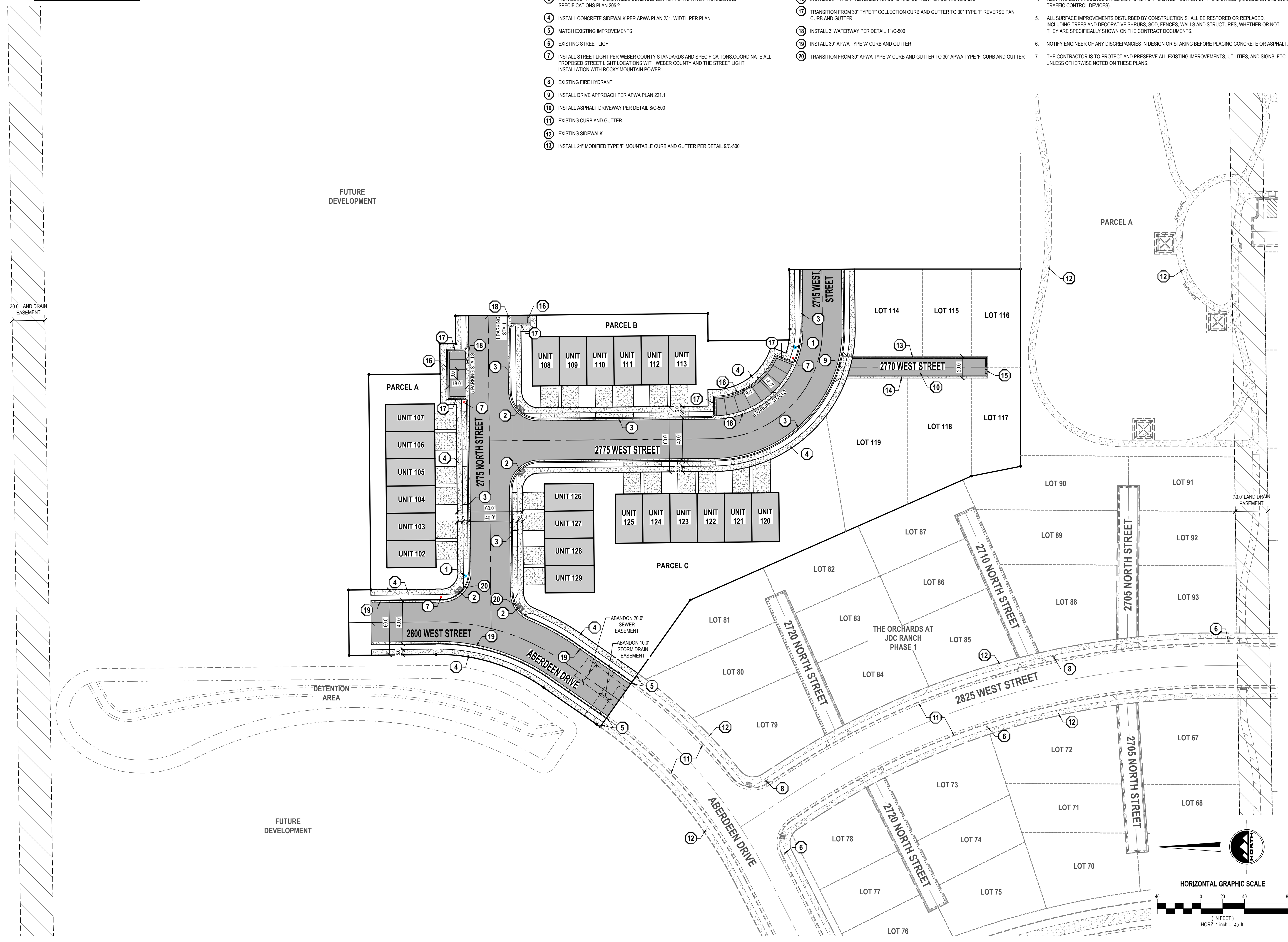
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PROJECT NUMBER 9872
PROJECT MANAGER CP

PRINT DATE 2024-01-17
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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. LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
 6. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.
 7. 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.
 8. ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
 9. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.
 10. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
 11. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
 12. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

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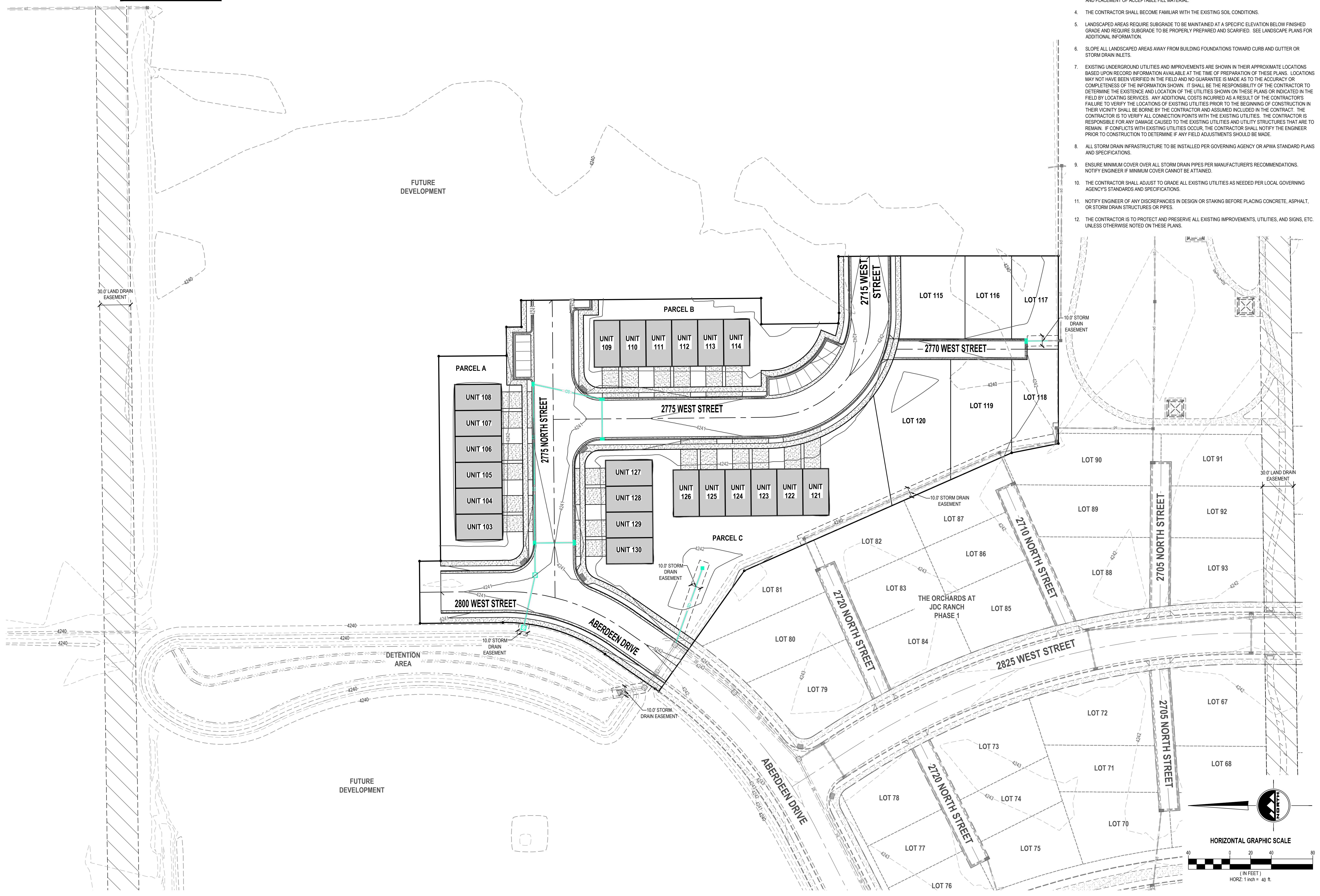
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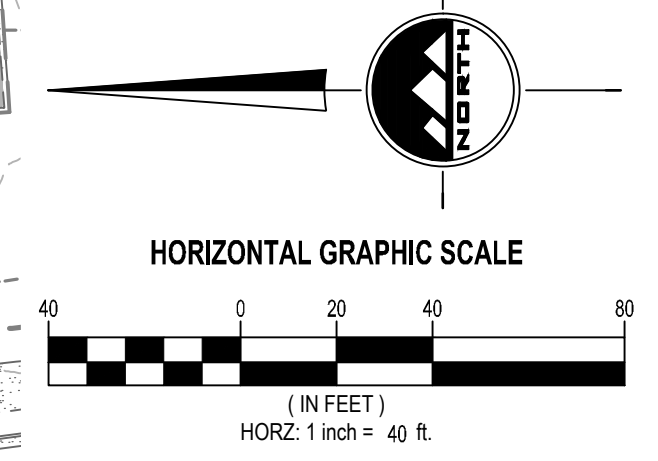
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OVERALL GRADING AND DRAINAGE PLAN

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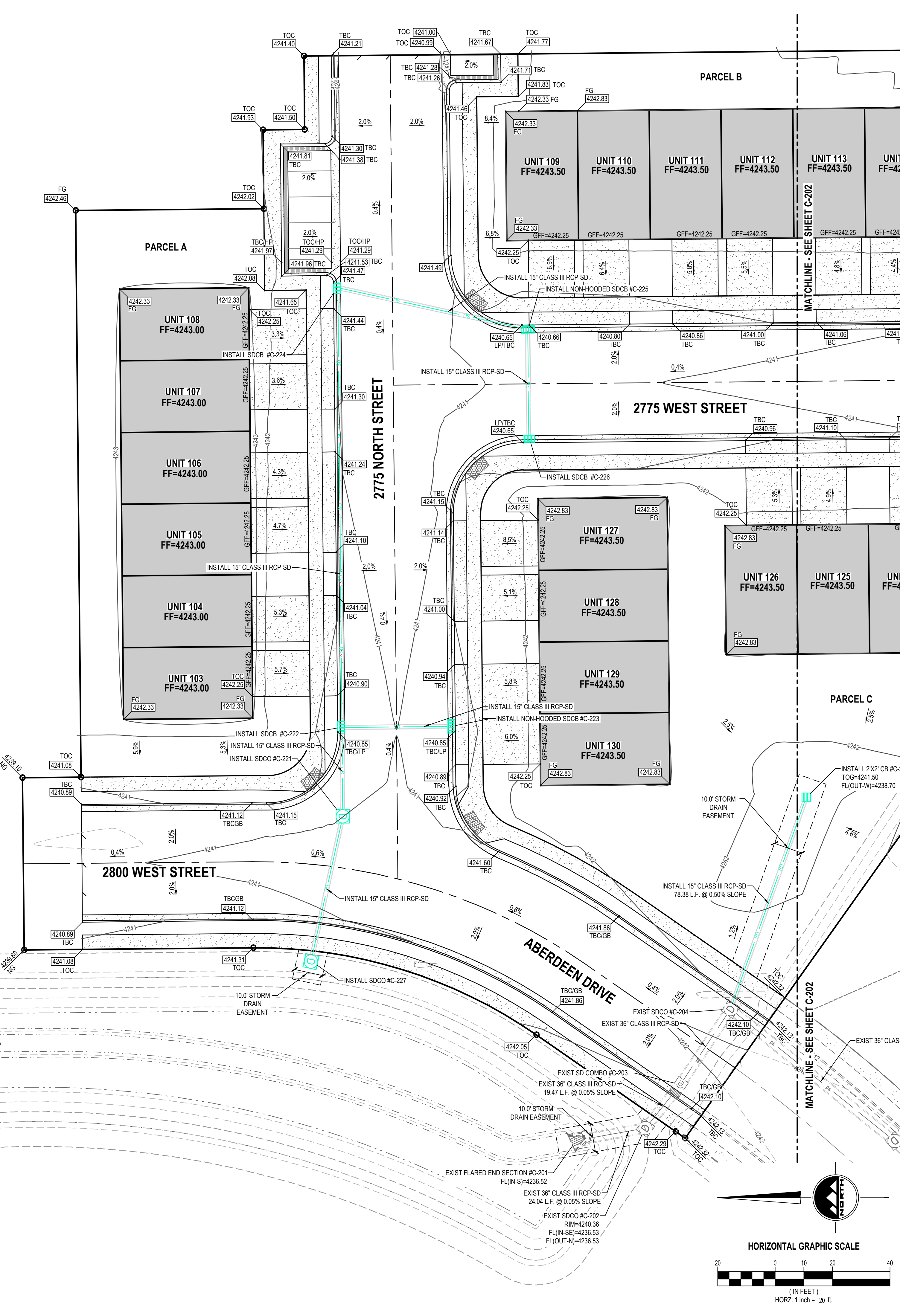
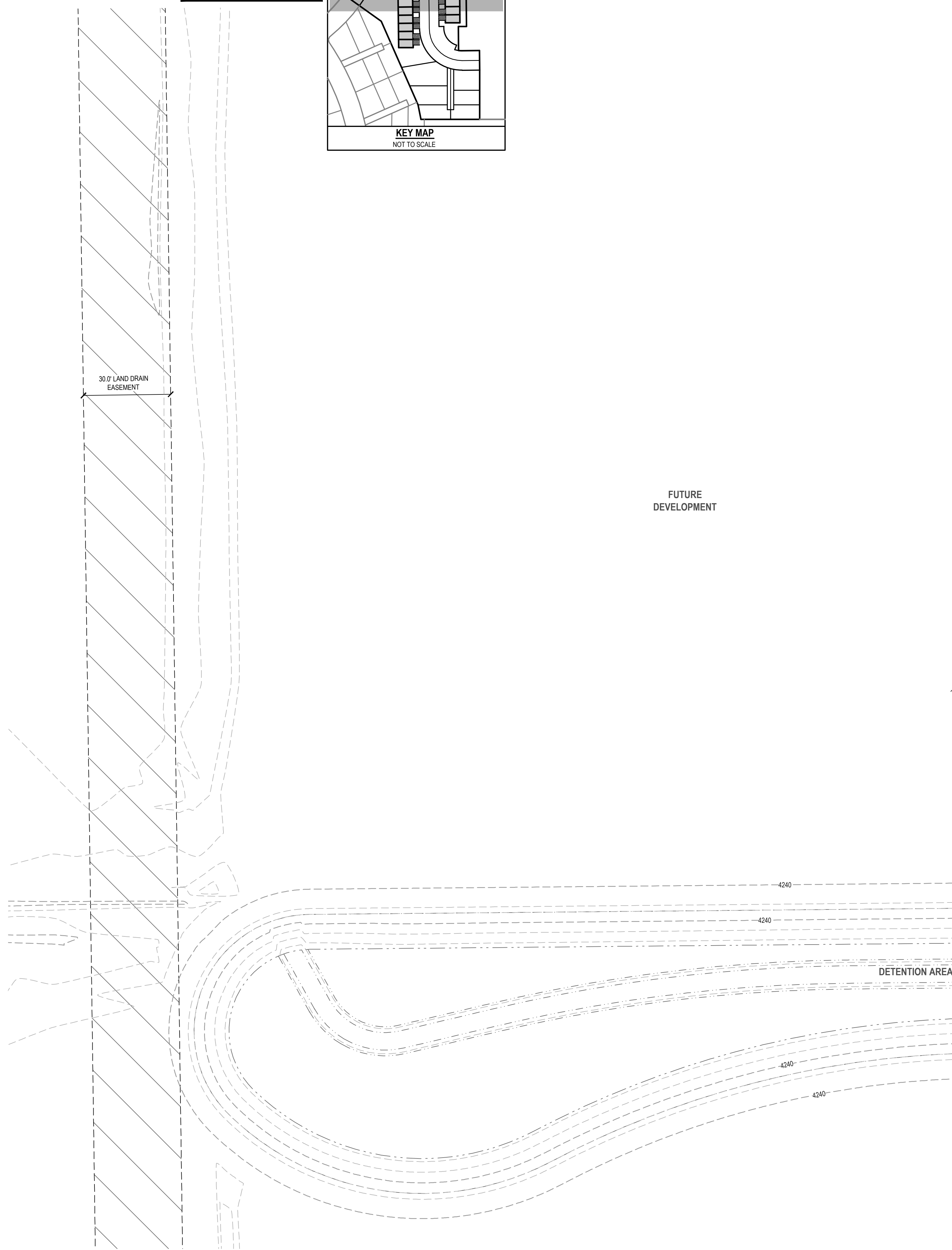
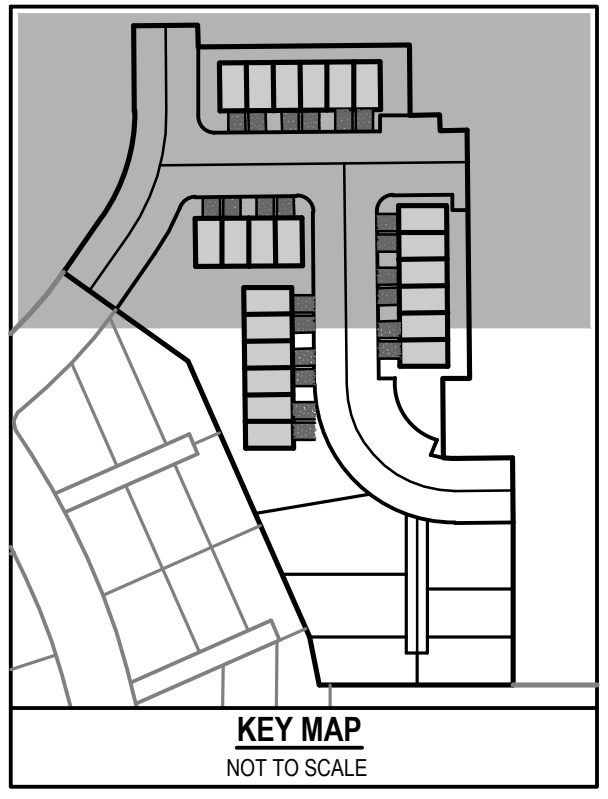
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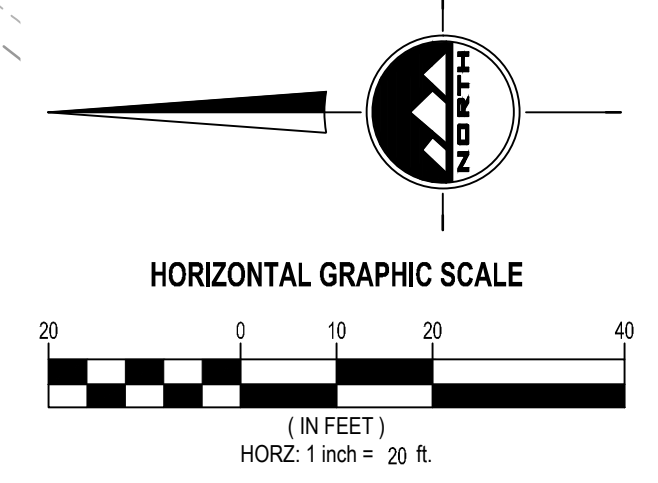


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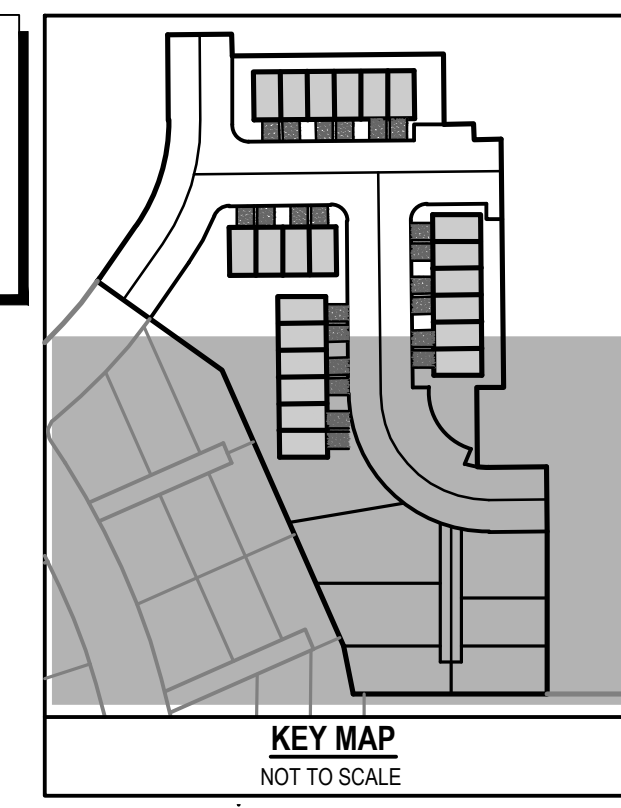
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**THE ORCHARDS AT JDC RANCH
PHASE 2
2800 WEST 2600 NORTH STREET
WEBER COUNTY, UTAH**

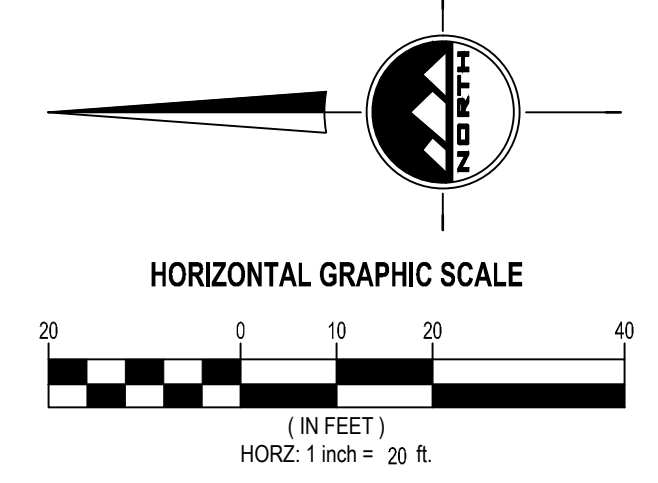


NO. DATE REVISION FOR REVIEW

GRADING AND DRAINAGE PLAN

PROJECT NUMBER 9872 PRINT DATE 2024-01-16
PROJECT MANAGER CP DESIGNED BY TS

C-202



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

CALL BLUESTAKES
@ 811 AT LEAST 48 HOURS
PRIOR TO THE
COMMENCEMENT OF ANY
CONSTRUCTION.

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 TYPICAL WATER CONNECTION PER BONA VISTA WATER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS.
2. INSTALL 4" SANITARY SEWER SERVICE LATERAL @ 2.00% MINIMUM SLOPE PER PLAIN CITY STANDARDS AND SPECIFICATIONS.
3. INSTALL 1-1/2" PVC DUAL TURNOUT SECONDARY WATER SERVICE LINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS.
4. INSTALL 1" SECONDARY WATER SERVICE LINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS.
5. INSTALL 8" C900 DR18 PVC CULINARY WATERLINE PER BONA VISTA WATER IMPROVEMENT STANDARDS AND SPECIFICATIONS.
6. INSTALL 8" C900 DR18 PVC "PURPLE" SECONDARY WATERLINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS.
7. FIELD LOCATE AND CONNECT TO EXISTING CULINARY WATERLINE PER BONA VISTA WATER IMPROVEMENT STANDARDS AND SPECIFICATIONS.
8. FIELD LOCATE AND CONNECT TO EXISTING SECONDARY WATERLINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS.
9. INSTALL FIRE HYDRANT AND VALVE PER BONA VISTA WATER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS.
10. 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.
11. PLUG AND BLOCK FOR FUTURE CONNECTION
12. INSTALL 2" POLY SECONDARY WATER SERVICE LINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS (TYP)
13. EXISTING FIRE HYDRANT
14. EXISTING STREET LIGHT
15. EXISTING 8" C900 DR18 PVC CULINARY WATERLINE
16. EXISTING 8" C900 DR18 PVC "PURPLE" SECONDARY WATERLINE
17. INSTALL 2" PERMANENT #2 POST BLOW-OFF VALVE PER BONA VISTA STANDARD DETAIL BV-05 AND SPECIFICATIONS
18. INSTALL 4" C900 DR18 PVC PRIVATE CULINARY WATERLINE PER BONA VISTA STANDARDS AND SPECIFICATIONS. WATERLINE IS PRIVATE AFTER THE VALVE ONTO THE PRIVATE STREET.
19. INSTALL 2" TEMPORARY VANGUARD BLOW-OFF VALVE PER BONA VISTA STANDARD DETAIL BV-05 AND SPECIFICATIONS

- 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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FOR:
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CONTRACT:
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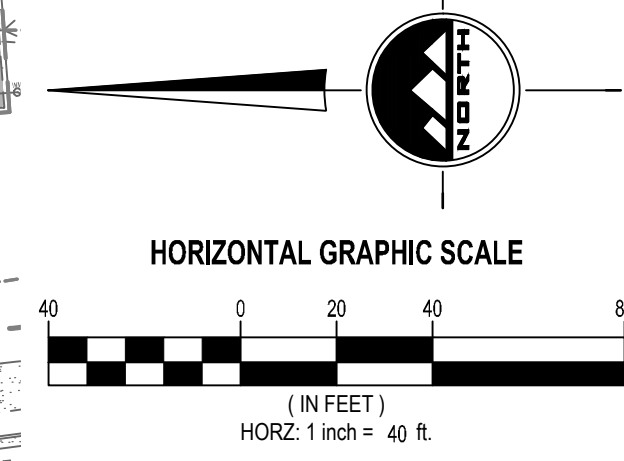
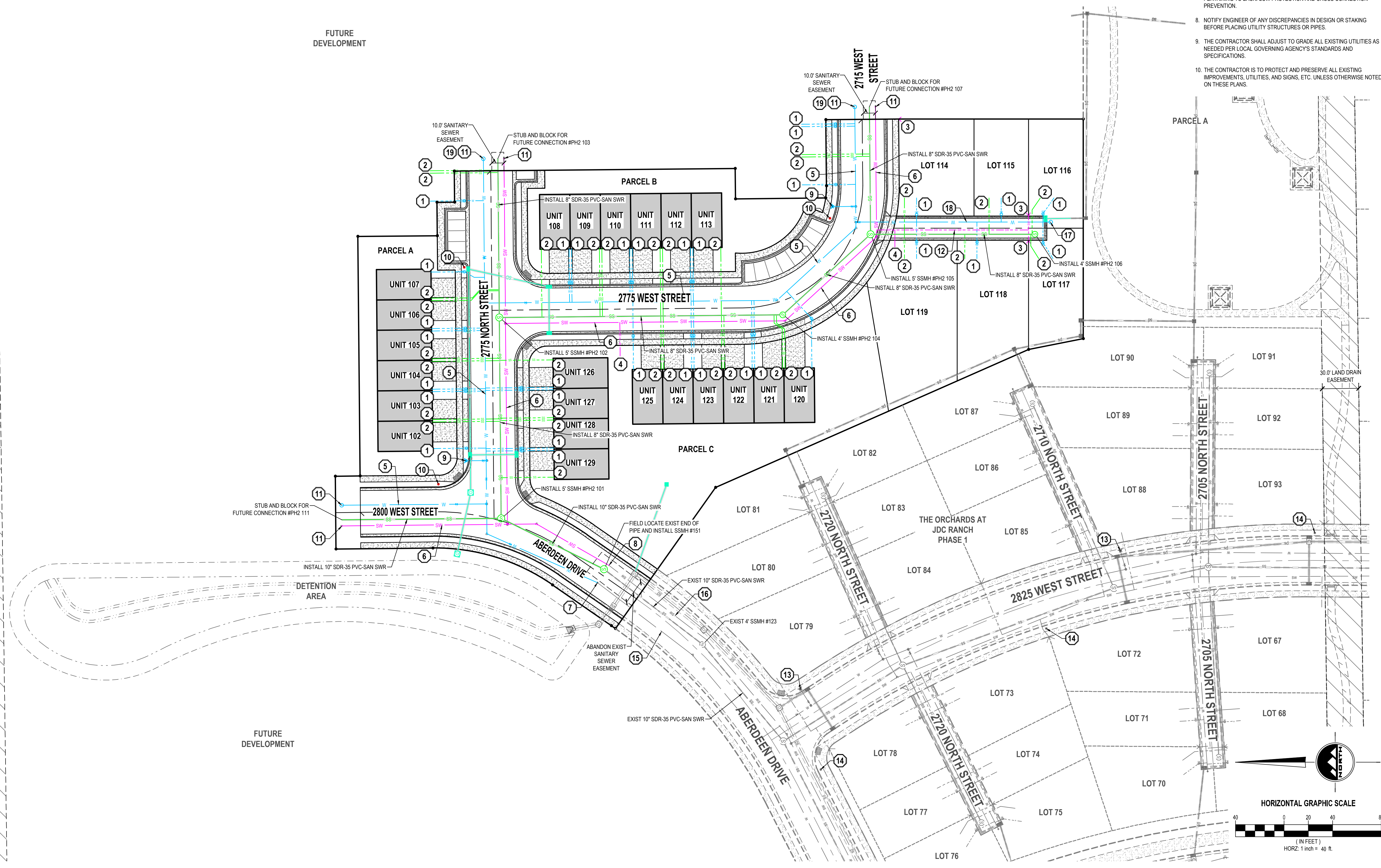


NO. DATE REVISION FOR REVIEW

UTILITY PLAN

PROJECT NUMBER 9872
PROJECT MANAGER CP
PRINT DATE 2024-01-17
DESIGNED BY TS

C-300



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Know what's below.
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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 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.

REVISION SCHEDULE			
NUMBER	DATE	AUTHOR	COMPANY REPRESENTATIVE SIGNATURE
1			
2			
3			
4			
5			
6			
7			
8			
9			
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12			

- 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 (BMPs) 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 ON SITE AND RECORDED BY THE OWNER/OPERATOR ON THE COPY OF THE SWPPP KEPT ON SITE.
 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.

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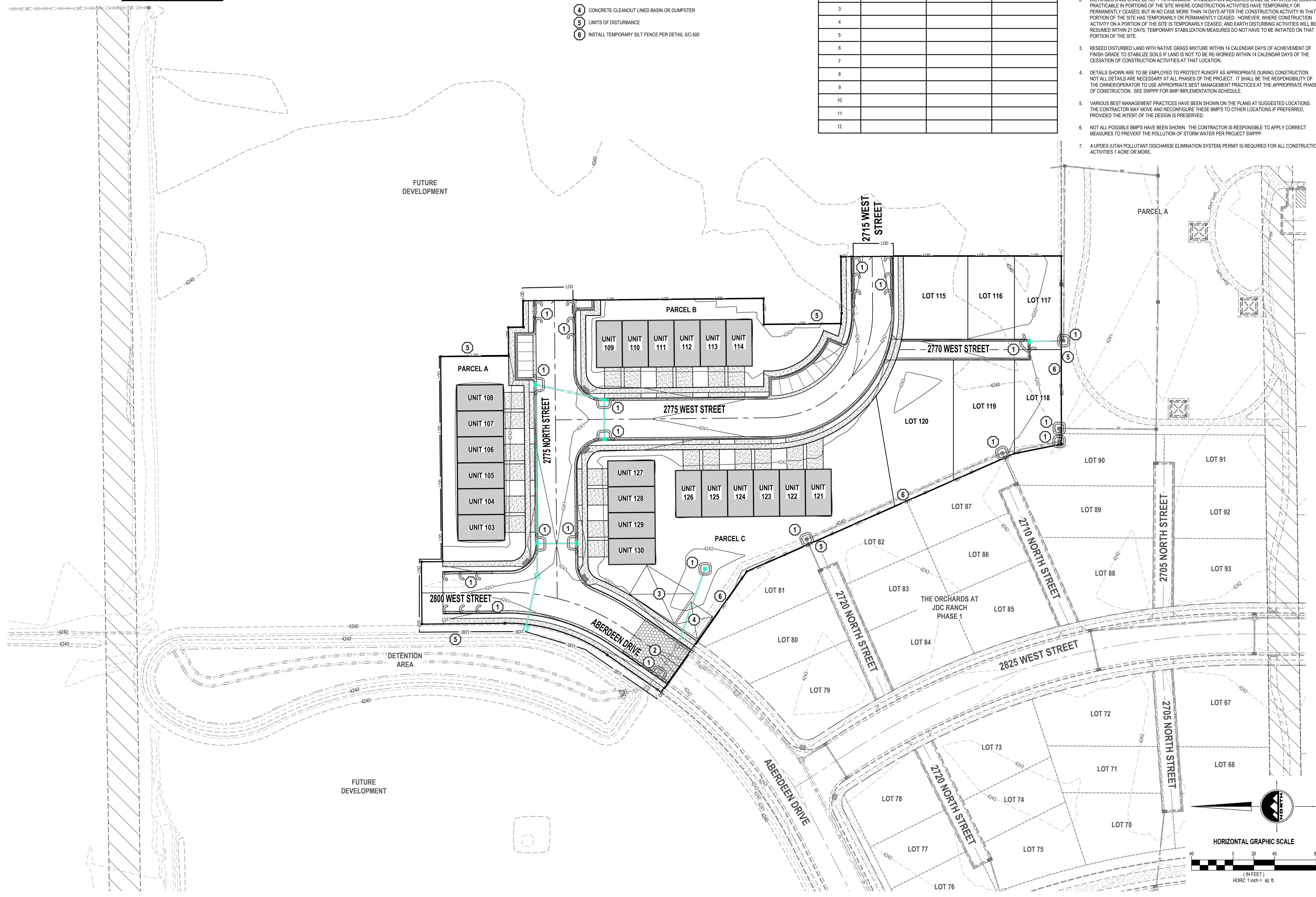
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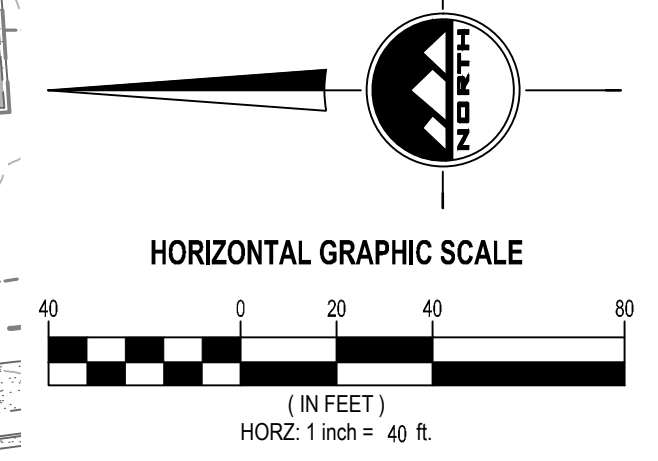


NO. DATE REVISION FOR REVIEW

EROSION CONTROL PLAN

PROJECT NUMBER: 9872
PRINT DATE: 2024-01-16
PROJECT MANAGER: CP
DESIGNED BY: TS

C-400



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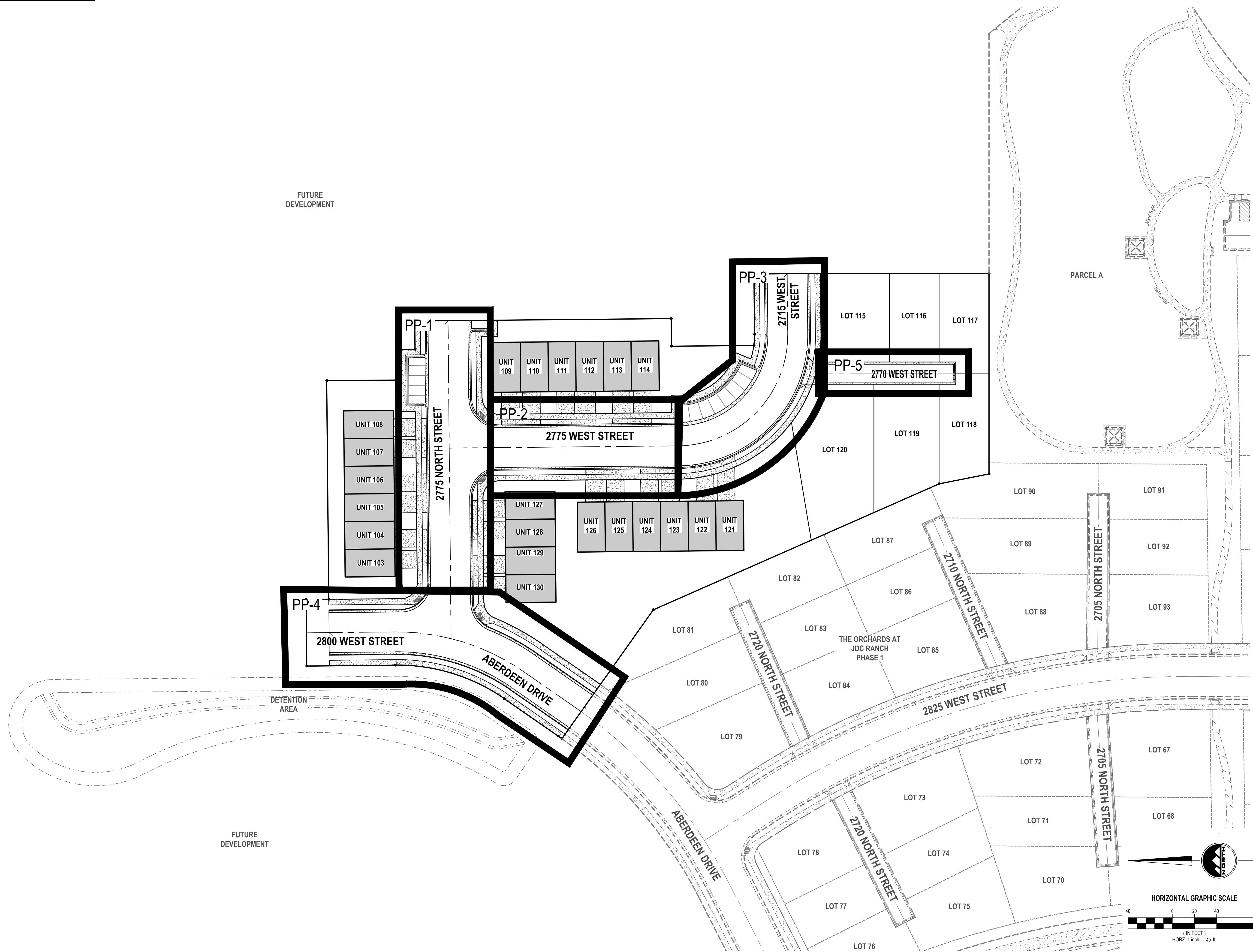
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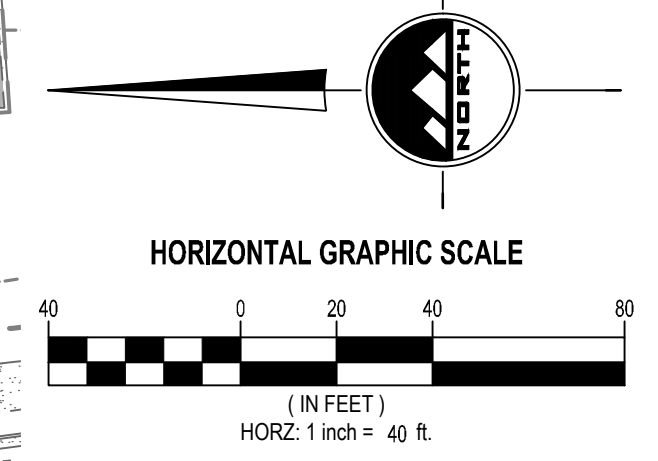


NO.	DATE	REVISION FOR REVIEW

**PLAN AND PROFILE
KEY MAP**

PROJECT NUMBER 9872	PRINT DATE 2024-01-16
PROJECT MANAGER CP	DESIGNED BY TS

PP-0





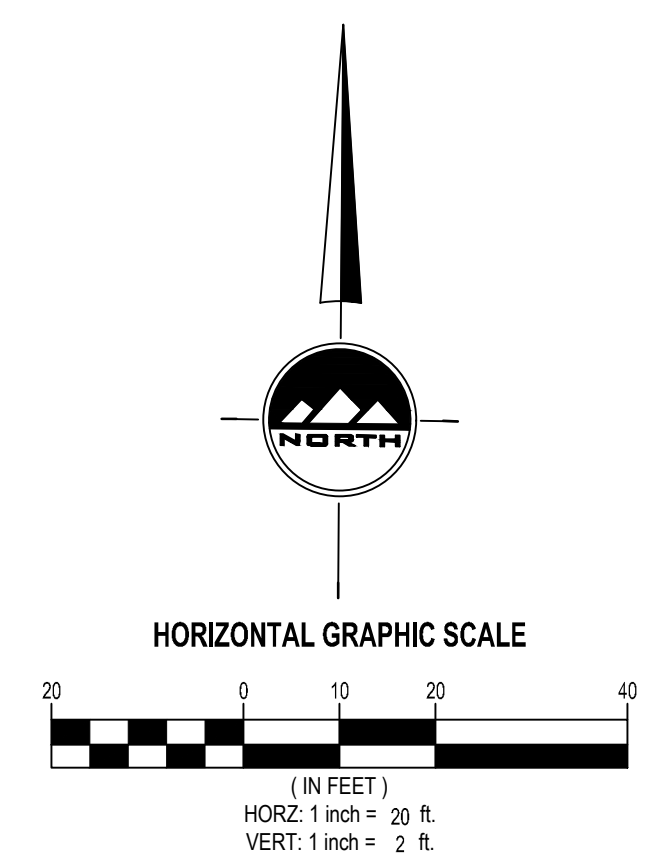
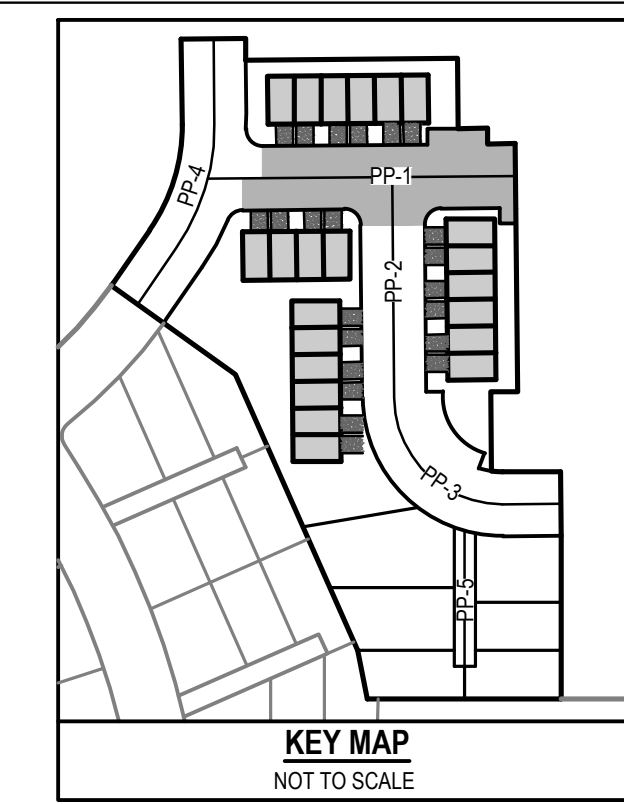
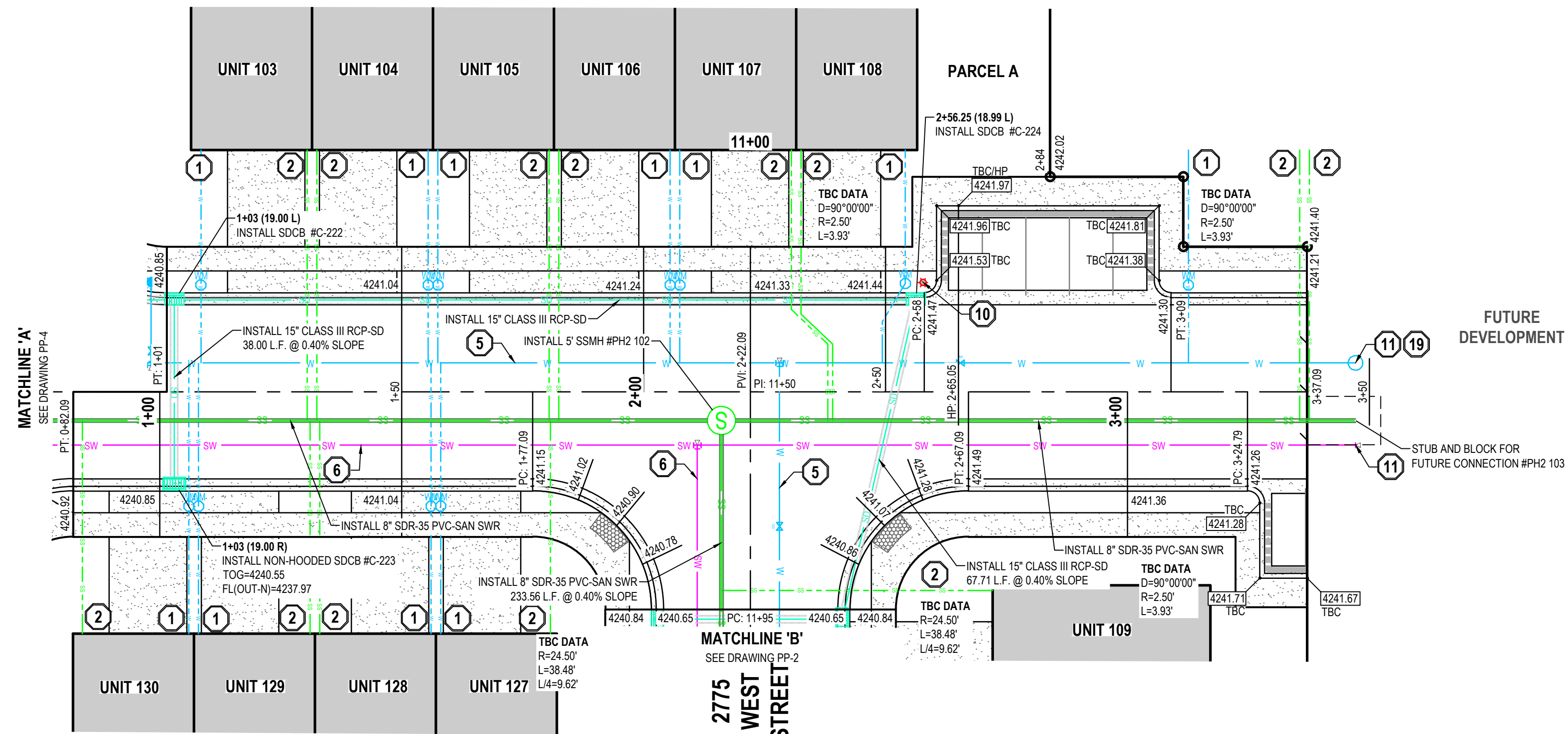
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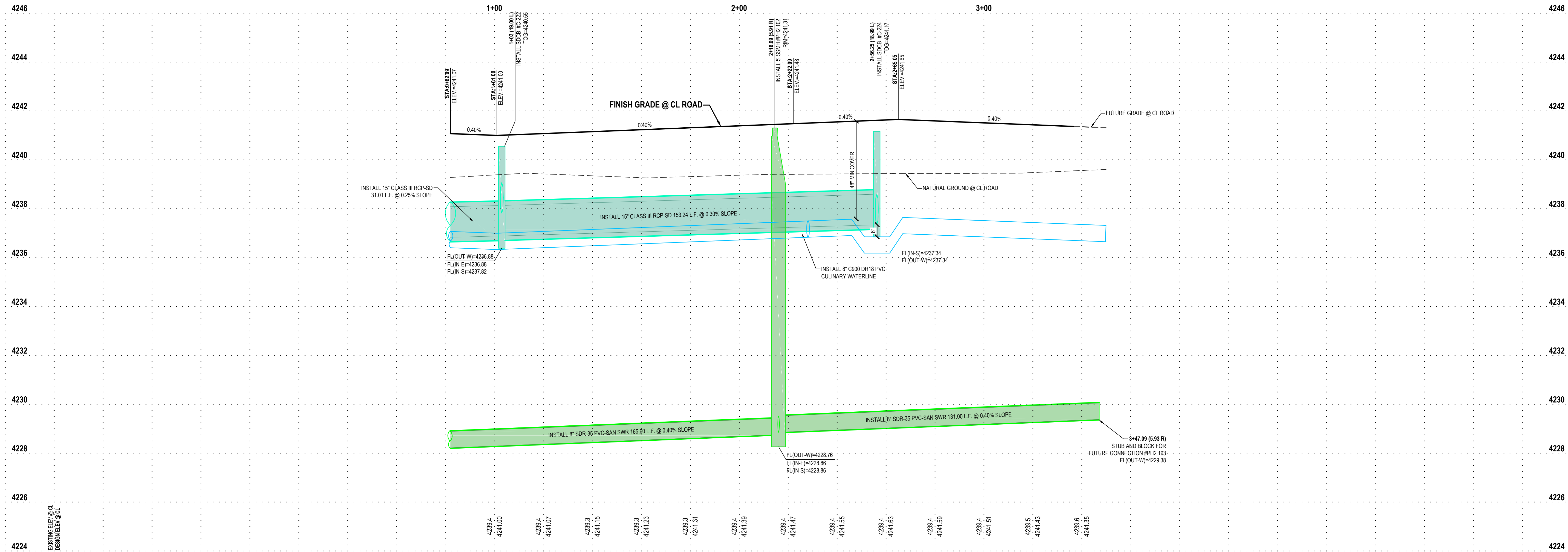
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2775 NORTH STREET



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**2775 NORTH STREET
PLAN AND PROFILE**

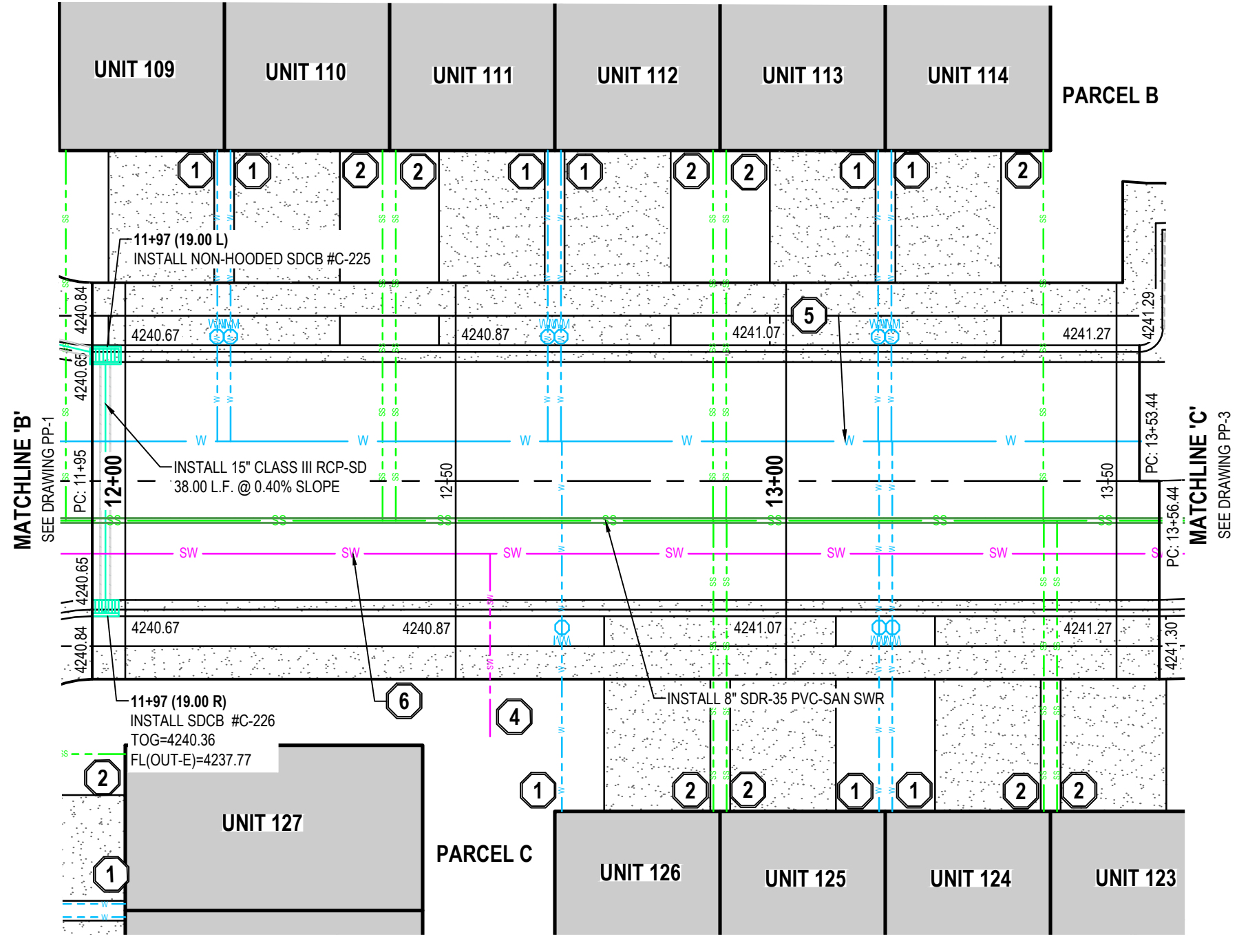
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PP-1

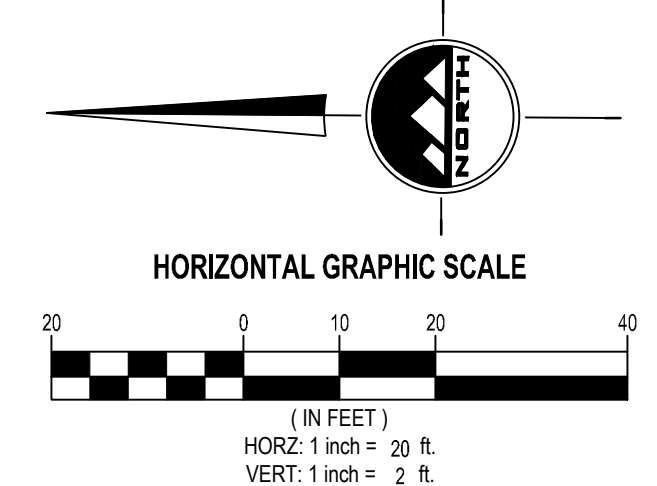
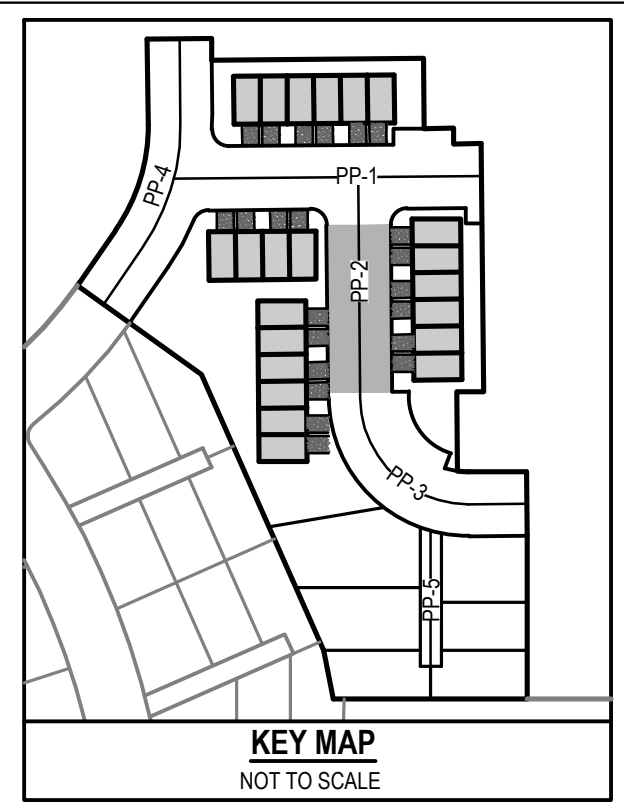
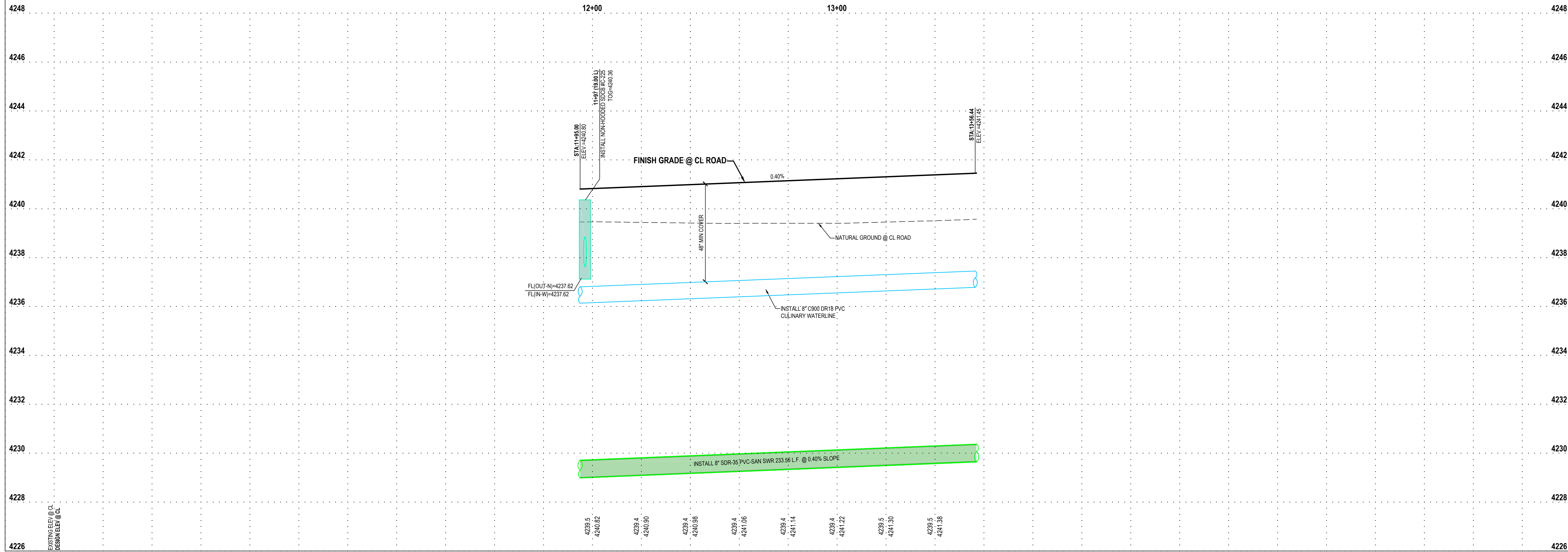


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2775 WEST STREET



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2775 WEST STREET
PLAN AND PROFILE

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 PRINT DATE: 2024-01-16
 PROJECT MANAGER: CP
 DESIGNED BY: TS

PP-2

EXISTING ELEV @ CL
 BENCHMARK ELEV @ CL



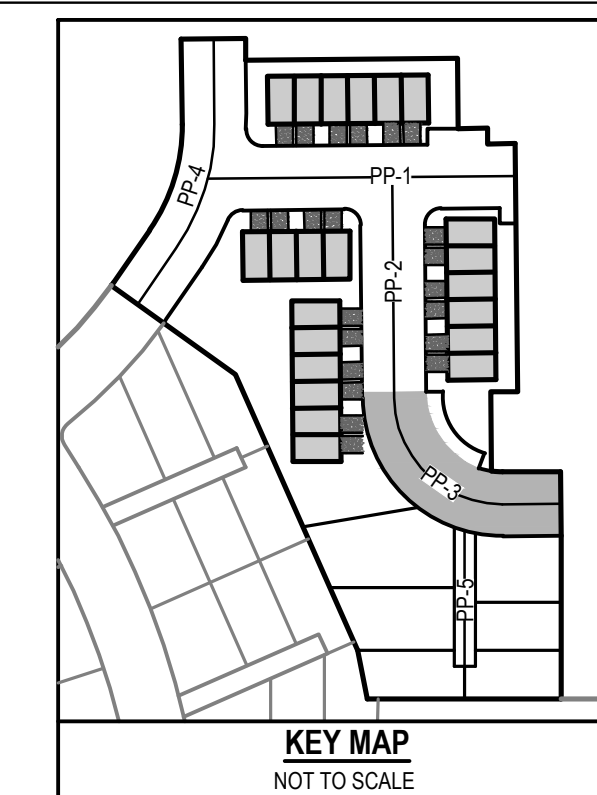
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919 North 400 West
Layton, UT 84041
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SANDY
Phone: 801.255.0529

TOOELE
Phone: 435.843.3590

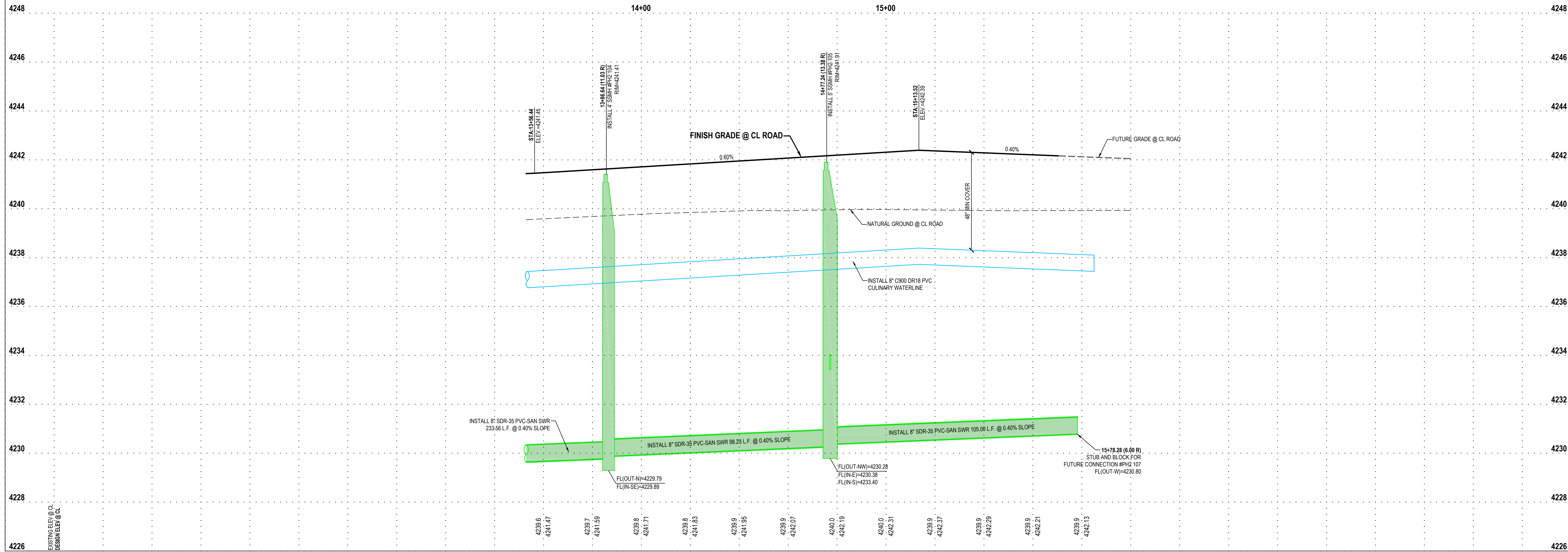
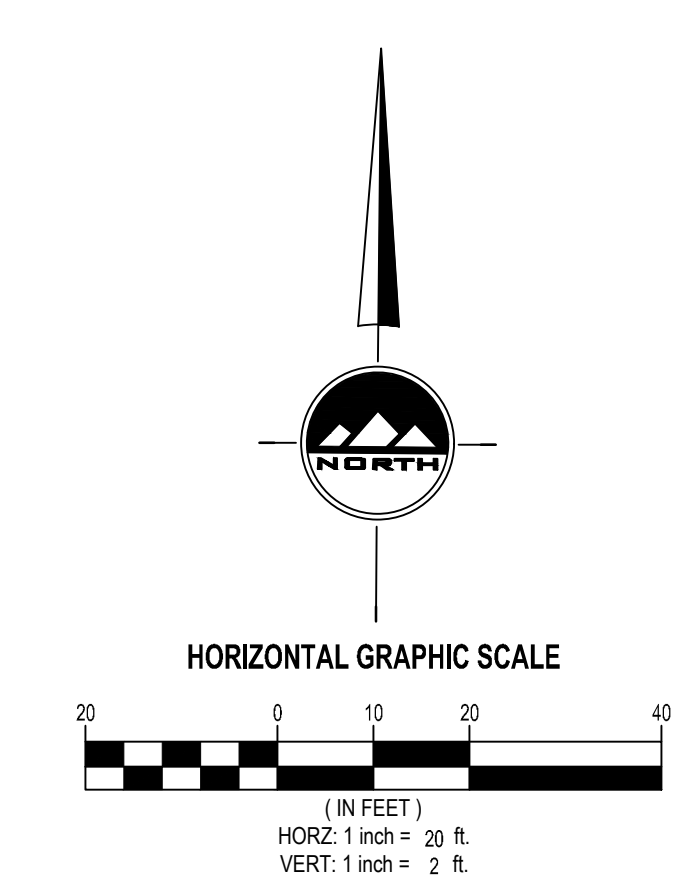
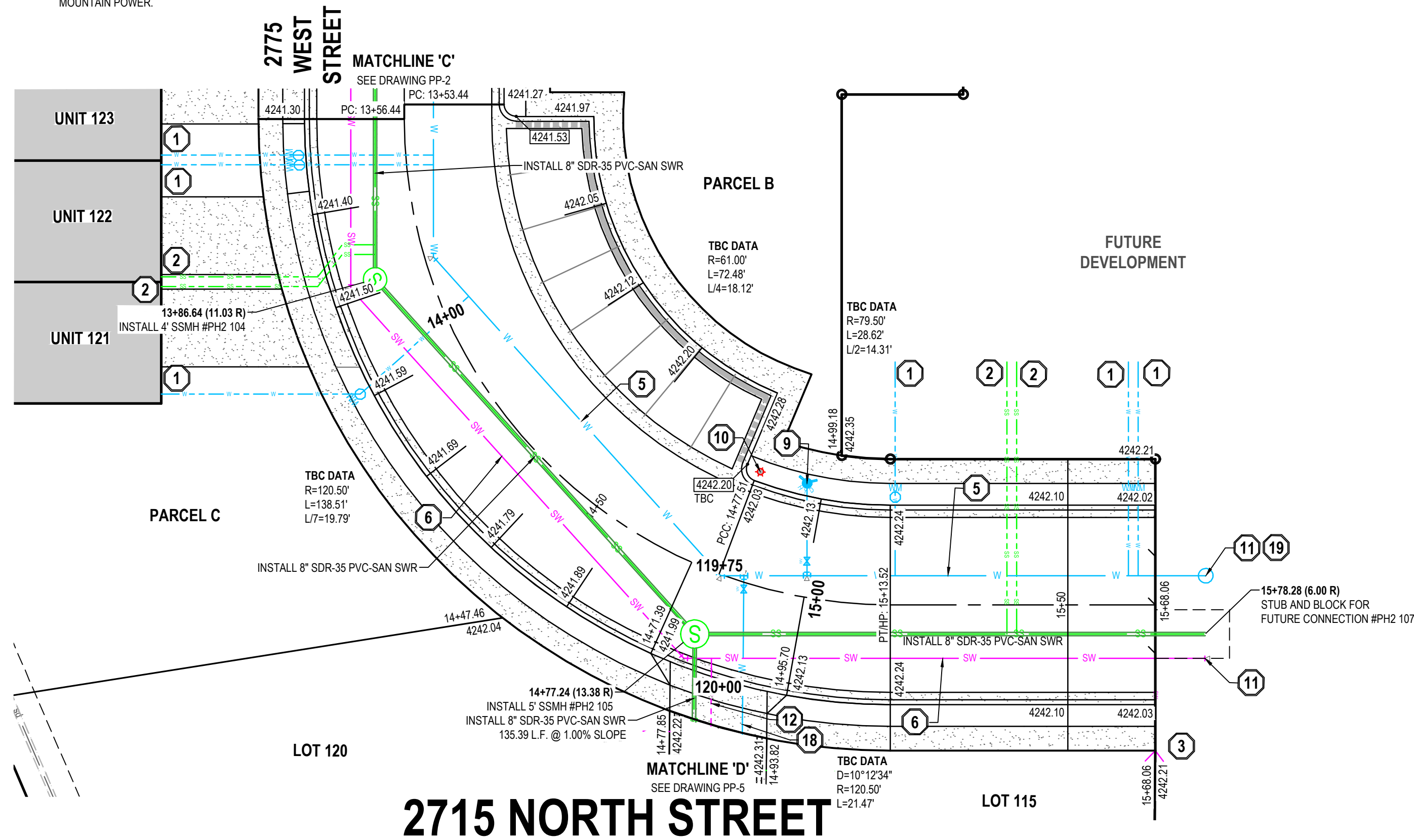
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CONTACT:
STEVE ANDERSON
PHONE: 801.392.8100



THE ORCHARDS AT JDC RANCH
PHASE 2
2800 WEST 2600 NORTH STREET
WEBER COUNTY, UTAH



NO.	DATE	REVISION
		FOR REVIEW

2715 NORTH STREET
PLAN AND PROFILE

PROJECT NUMBER: 9872
PRINT DATE: 2024-01-16
PROJECT MANAGER: CP
DESIGNED BY: TS

PP-3

ENGIN ELEV @ CL
DESIGN ELEV @ CL

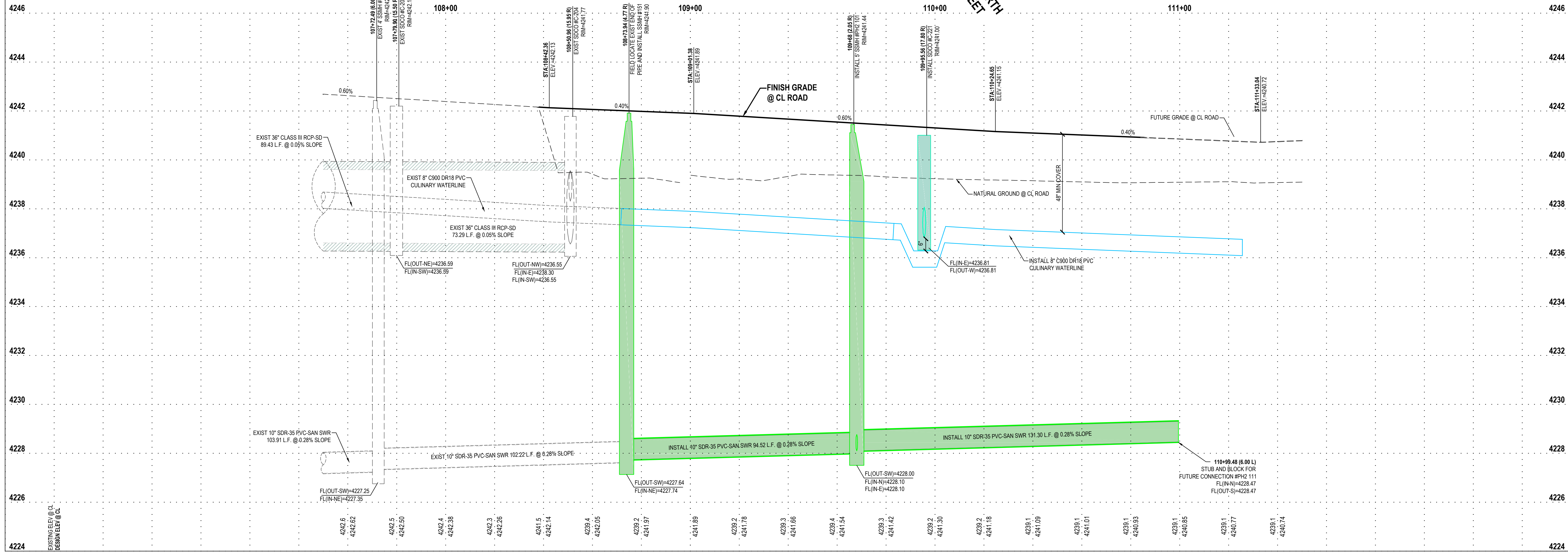
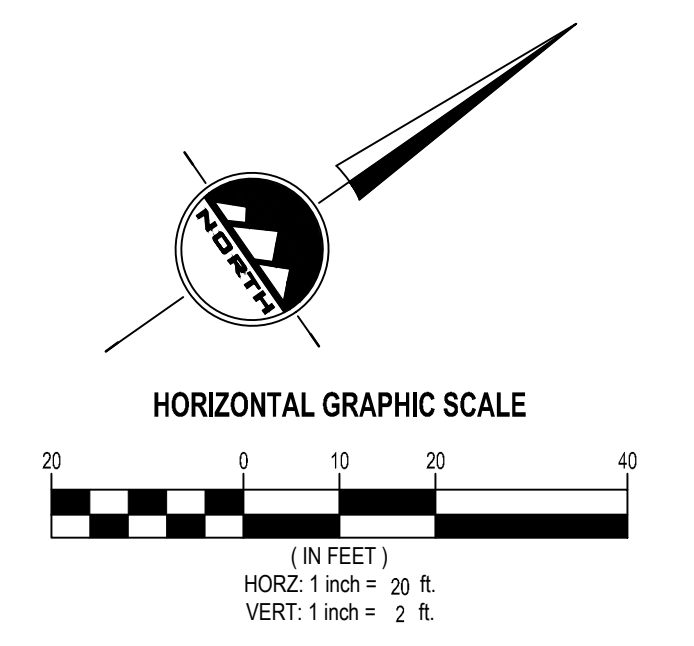
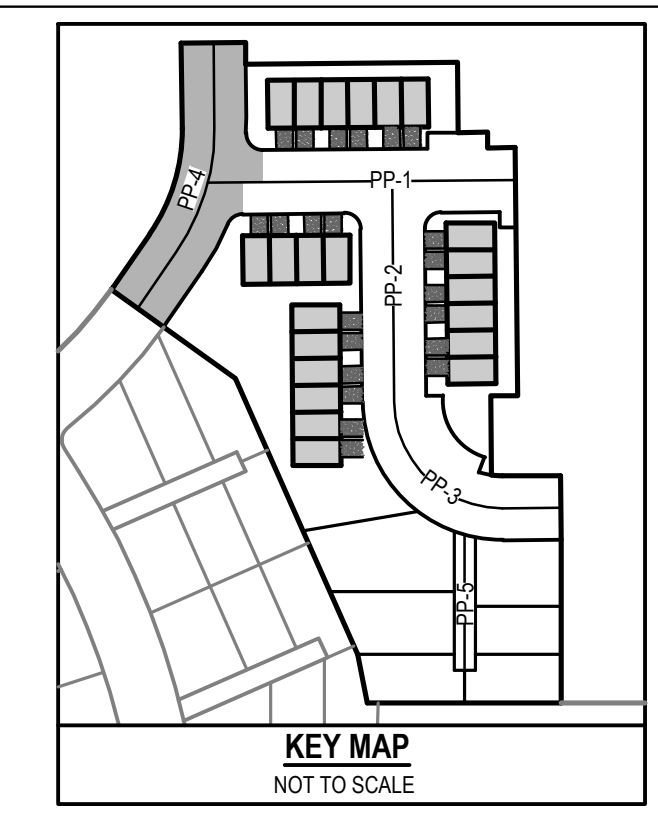
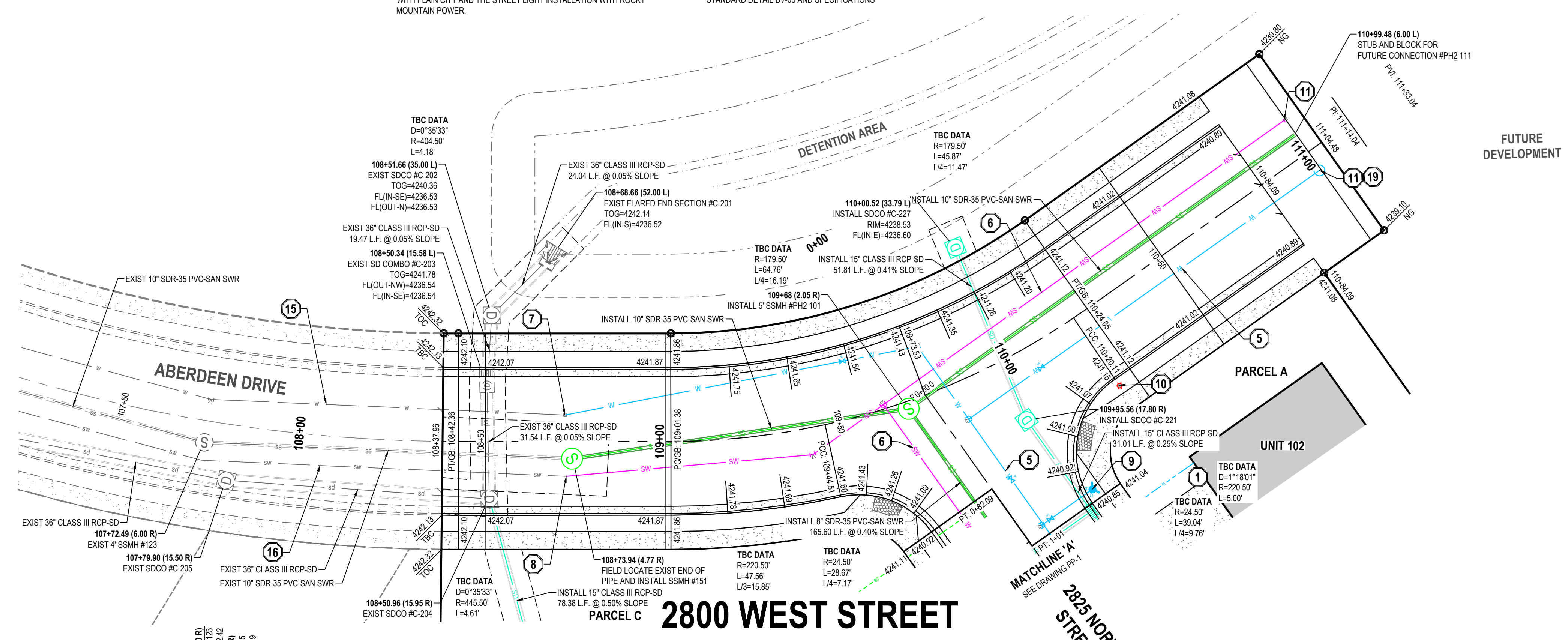
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811
Know what's below.
Call before you dig.

CALL BLUESTAKES
@ 811 AT LEAST 48 HOURS
PRIOR TO THE
COMMENCEMENT OF ANY
CONSTRUCTION.

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:
- INSTALL TYPICAL WATER CONNECTION PER BONA VISTA WATER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS
 - INSTALL 4" SANITARY SEWER SERVICE LATERAL @ 2.00% MINIMUM SLOPE PER PLAIN CITY STANDARDS AND SPECIFICATIONS.
 - INSTALL 1-1/2" PVC DUAL TURNOUT SECONDARY WATER SERVICE LINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS.
 - INSTALL 1" SECONDARY WATER SERVICE LINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS.
 - INSTALL 8" C900 DR18 PVC CULINARY WATERLINE PER BONA VISTA WATER IMPROVEMENT STANDARDS AND SPECIFICATIONS
 - INSTALL 8" C900 DR18 PVC "PURPLE" SECONDARY WATERLINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - FIELD LOCATE AND CONNECT TO EXISTING CULINARY WATERLINE PER BONA VISTA WATER IMPROVEMENT STANDARDS AND SPECIFICATIONS
 - FIELD LOCATE AND CONNECT TO EXISTING SECONDARY WATERLINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS
 - INSTALL FIRE HYDRANT AND VALVE PER BONA VISTA WATER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS
 - INSTALL STREET LIGHT PER PLAIN CITY STANDARDS AND SPECIFICATIONS COORDINATE ALL PROPOSED STREET LIGHT LOCATIONS WITH PLAIN CITY AND THE STREET LIGHT INSTALLATION WITH ROCKY MOUNTAIN POWER.
 - PLUG AND BLOCK FOR FUTURE CONNECTION
 - INSTALL 2" POLY SECONDARY WATER SERVICE LINE PER PINEVIEW WATER SYSTEMS STANDARDS AND SPECIFICATIONS (TYP)
 - EXISTING FIRE HYDRANT
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THE ORCHARDS AT JDC RANCH
PHASE 2
2800 WEST 2600 NORTH STREET
WEBER COUNTY, UTAH



NO. DATE REASON FOR REVIEW

2800 WEST STREET
ABERDEEN DRIVE
PLAN AND PROFILE

PROJECT NUMBER: 9872
PRINT DATE: 2024-01-17
PROJECT MANAGER: CP
DESIGNED BY: TS

PP-4

ENGIN ELEV @ CL
DESIGN ELEV @ CL



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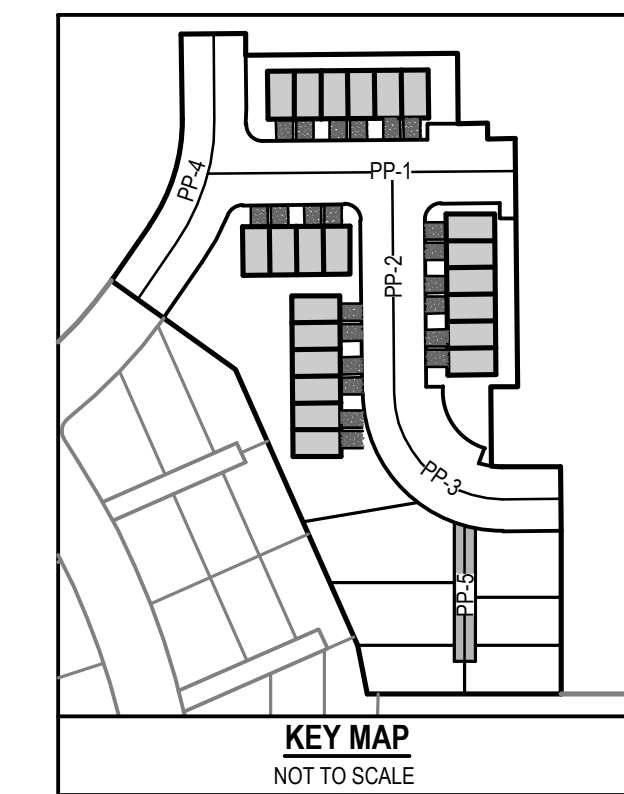
BENCHMARK

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TOWNSHIP 7 NORTH, RANGE 2 WEST
SALT LAKE BASE AND MERIDIAN
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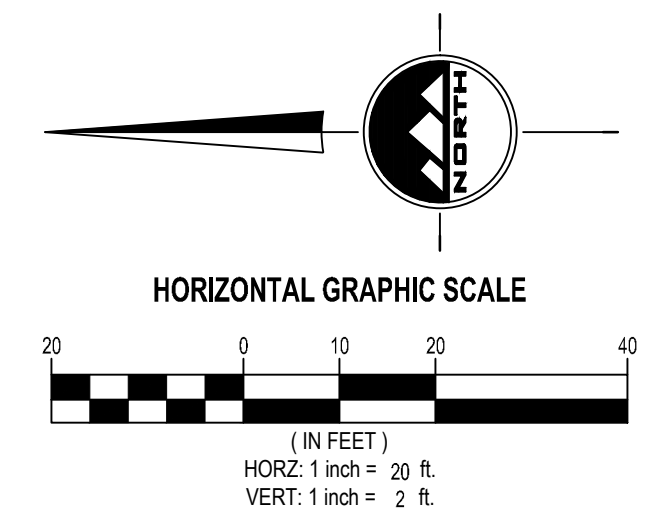
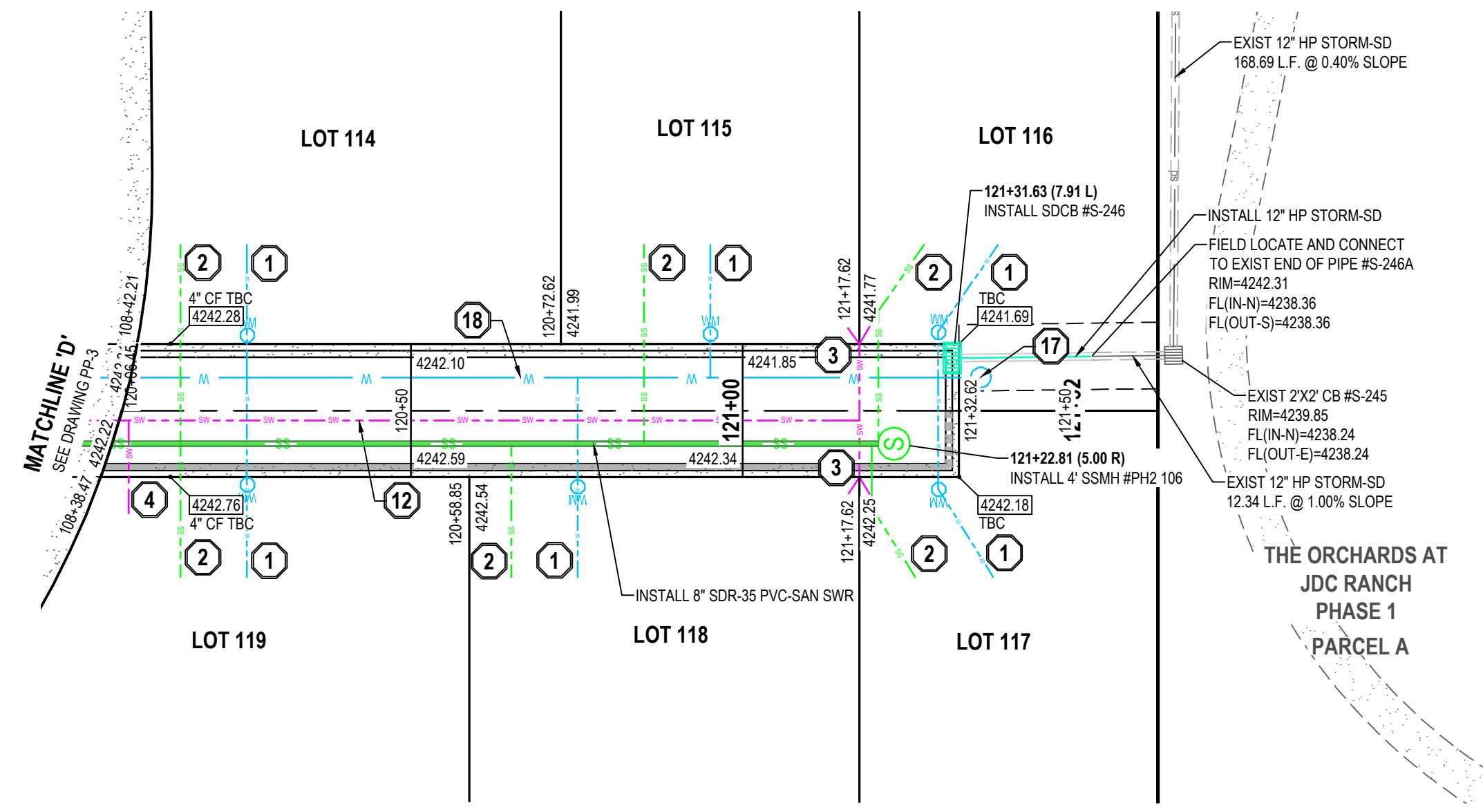
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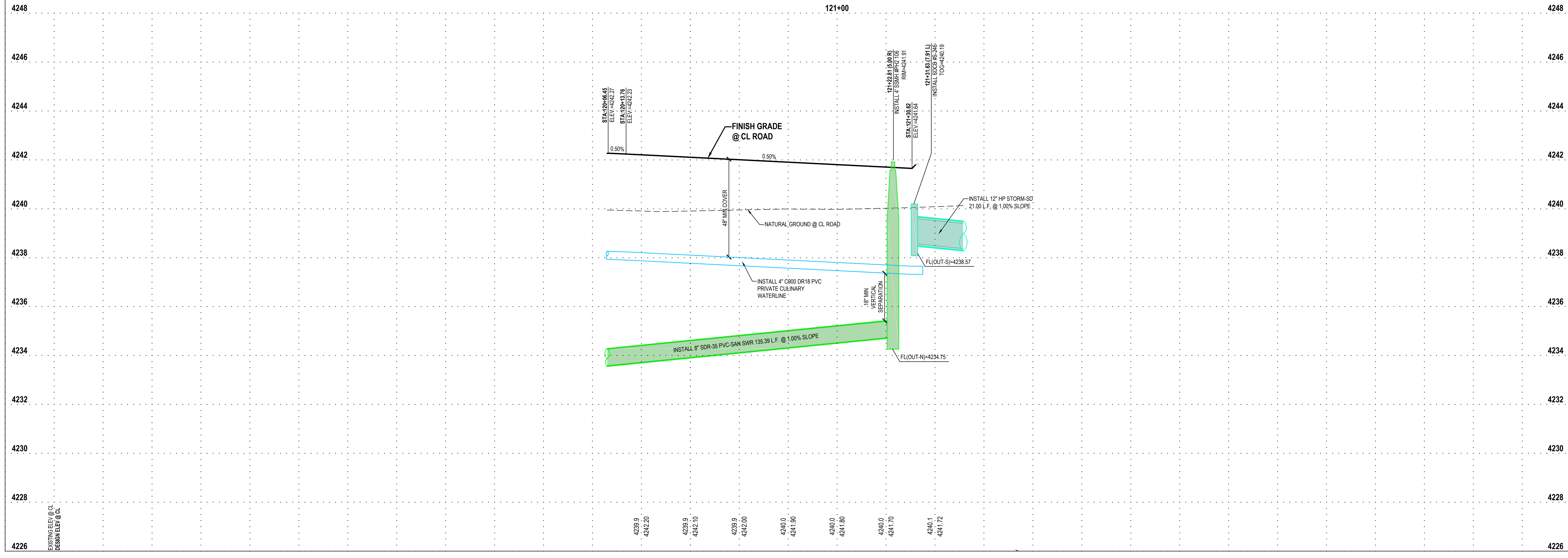
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2770 WEST STREET



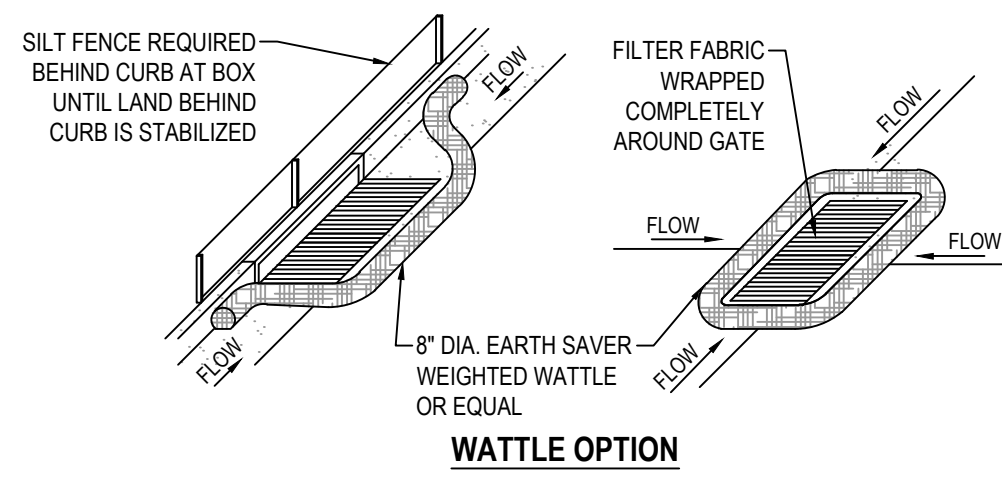
**THE ORCHARDS AT JDC RANCH
PHASE 2**
2800 WEST 2600 NORTH STREET
WEBER COUNTY, UTAH



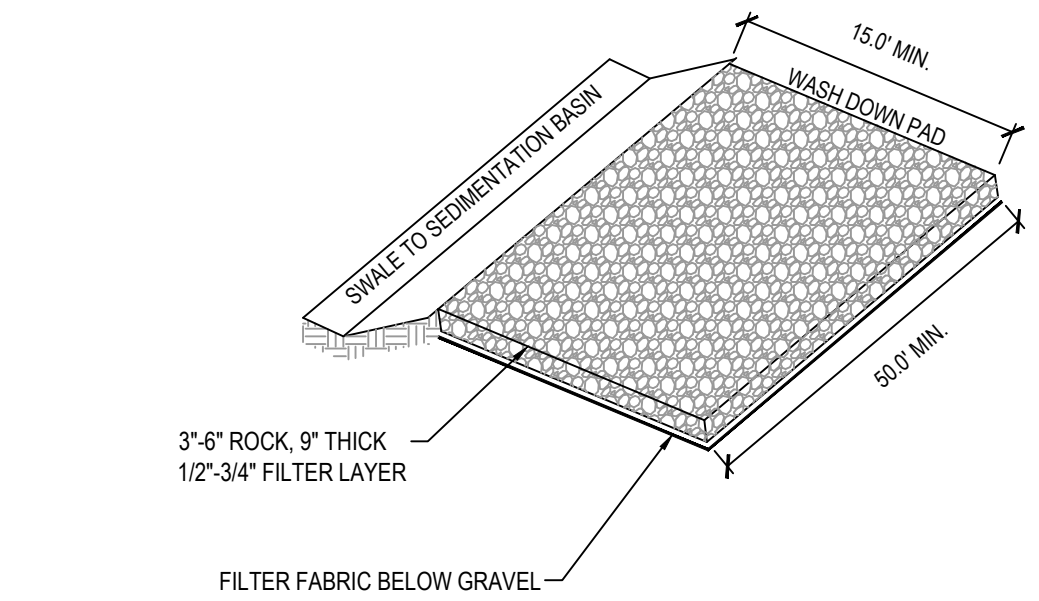
NO.	DATE	REVISION
		FOR REVIEW

**2770 WEST STREET
PLAN AND PROFILE**

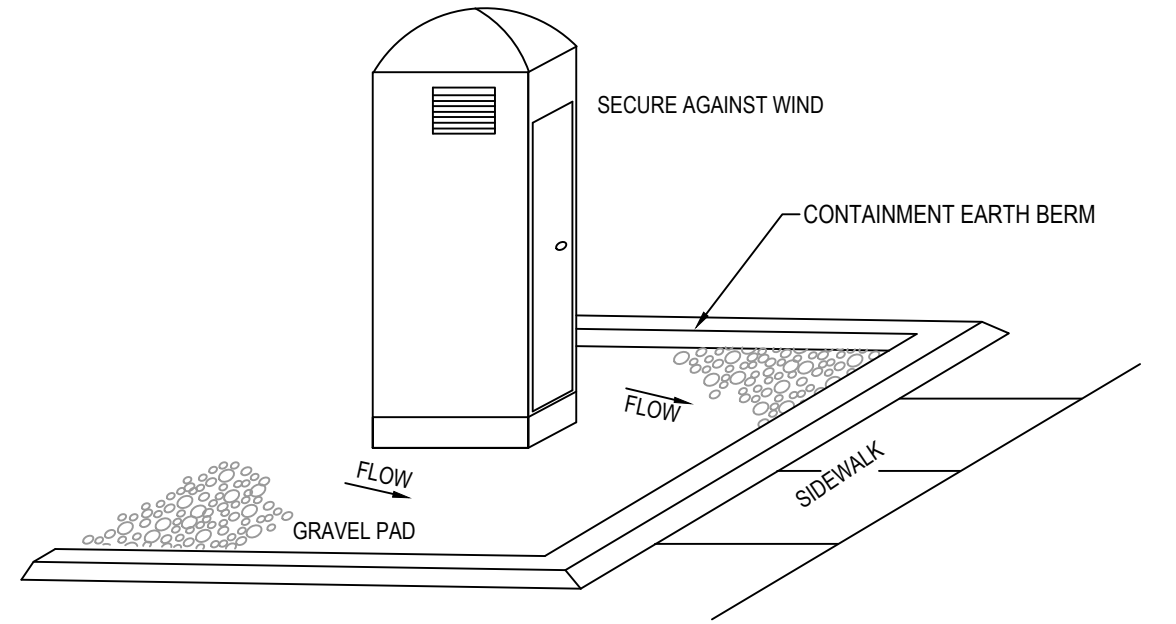
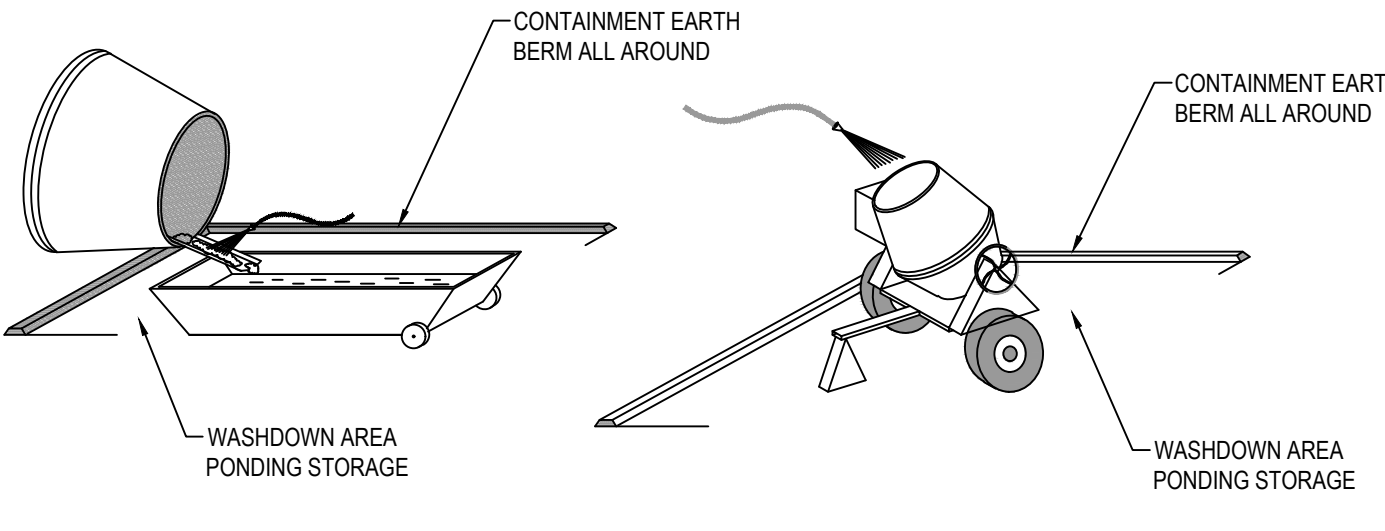
PROJECT NUMBER 9872	PRINT DATE 2024-01-17
PROJECT MANAGER CP	DESIGNED BY TS



- NOTES:
- PLACE WATTLES OR GRAVEL BAGS TIGHT AGAINST CURB TO PREVENT SEDIMENT-LOADED WATER FROM GETTING BETWEEN CURB AND WATTLEBAG.
 - PLACE WATTLES OR GRAVEL BAGS SUCH THAT FLOW DOES NOT OVERTOP CURB OR ROAD CENTERLINE.
 - 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.
 - REMOVE SEDIMENT ACCUMULATED WHEN IT REACHES 50% OF GRAVEL BAG OR WATTLE HEIGHT.
 - CONTRACTOR MAY SUBMIT AN ALTERNATIVE METHOD OF INLET PROTECTION. THE ALTERNATIVE METHOD SHALL BE APPROVED BY THE CITY INSPECTOR AND THE ENGINEER OF RECORD.
 - 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.



- NOTE:
- PLACE SIGN ADJACENT TO ENTRANCE - CONSTRUCTION TRAFFIC ONLY - ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT SITE AT THIS LOCATION"

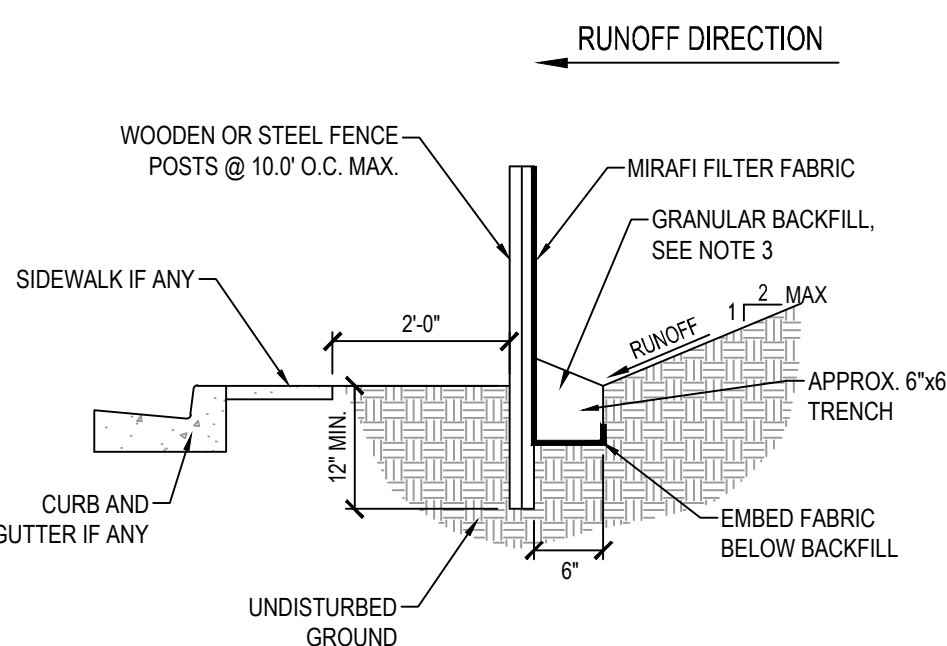


1 SAG INLET PROTECTION SCALE: NONE

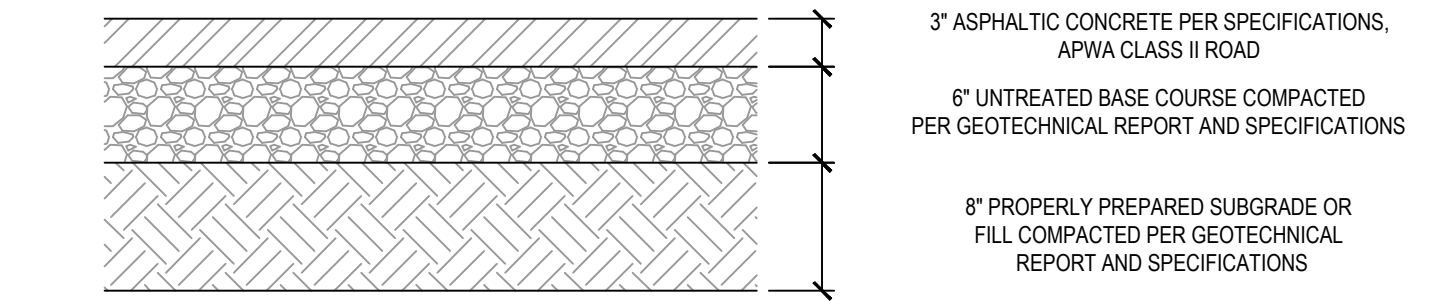
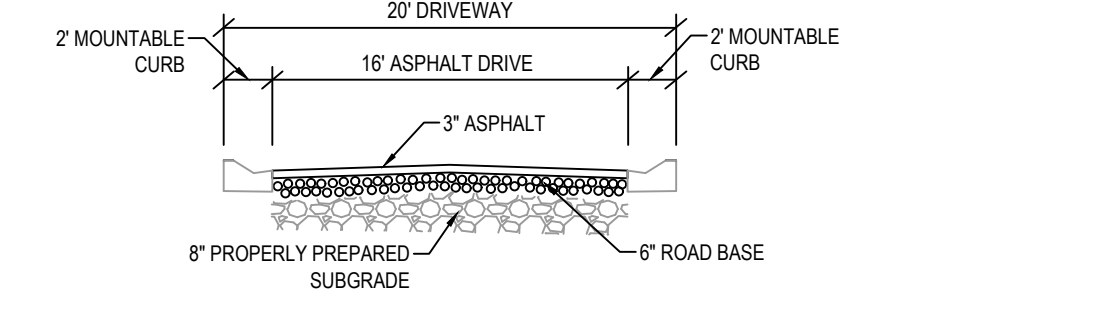
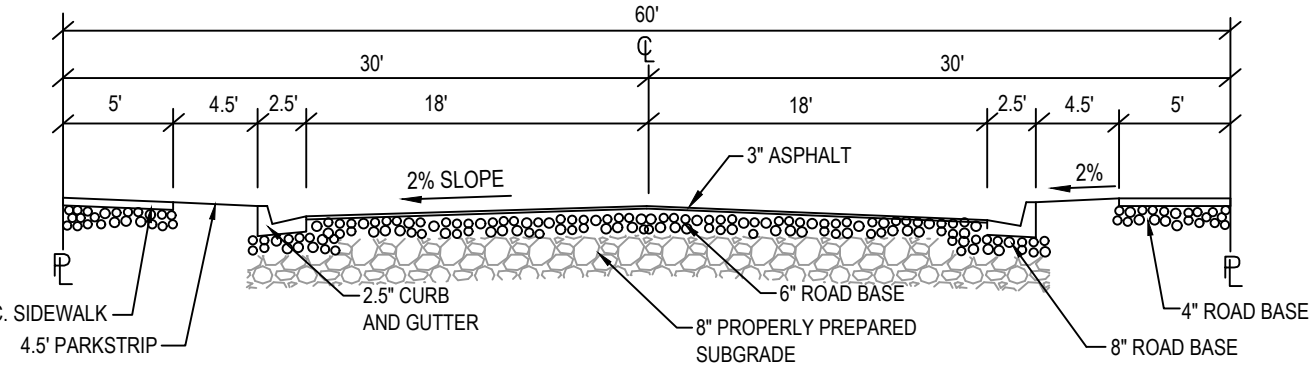
2 STABILIZED CONSTRUCTION ENTRANCE SCALE: NONE

3 CONCRETE WASTE MANAGEMENT SCALE: NONE

4 PORTABLE TOILET SCALE: NONE



- NOTES:
- EXCAVATE 6"x6" TRENCH ALONG LIMITS OF DISTURBANCE AS SHOWN ON CONSTRUCTION DRAWINGS.
 - POSTS SHALL BE POSITIONED ON DOWNSTREAM SIDE OF FENCE.
 - 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.
 - SILT FENCE GEOTEXTILE SHALL MEET ASHTO M288-92 REQUIREMENTS.
 - REMOVE & DISPOSE OF SEDIMENT WHEN ACCUMULATION IS 50% OF EXPOSED FENCE HEIGHT.
 - 10' MAX. SPACING BETWEEN STAKES. SILT FENCES SHALL BE INSTALLED ALONG CONTOURS, NOT UP AND DOWN SLOPES, WITH 10' OVERLAP AT BREAKS.

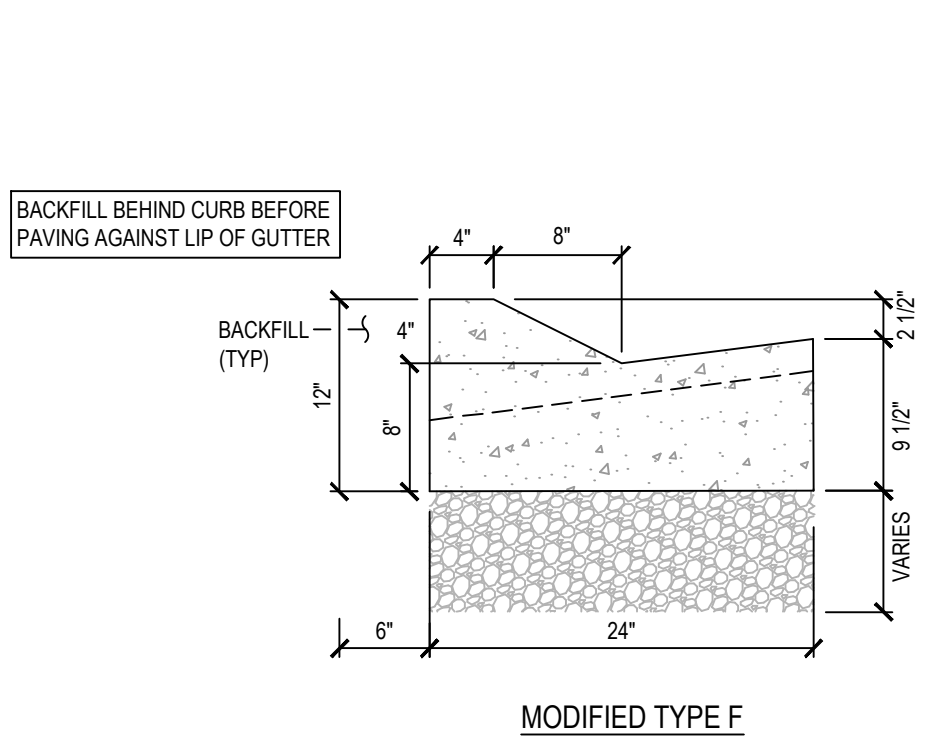


5 TEMPORARY SILT FENCE SCALE: NONE

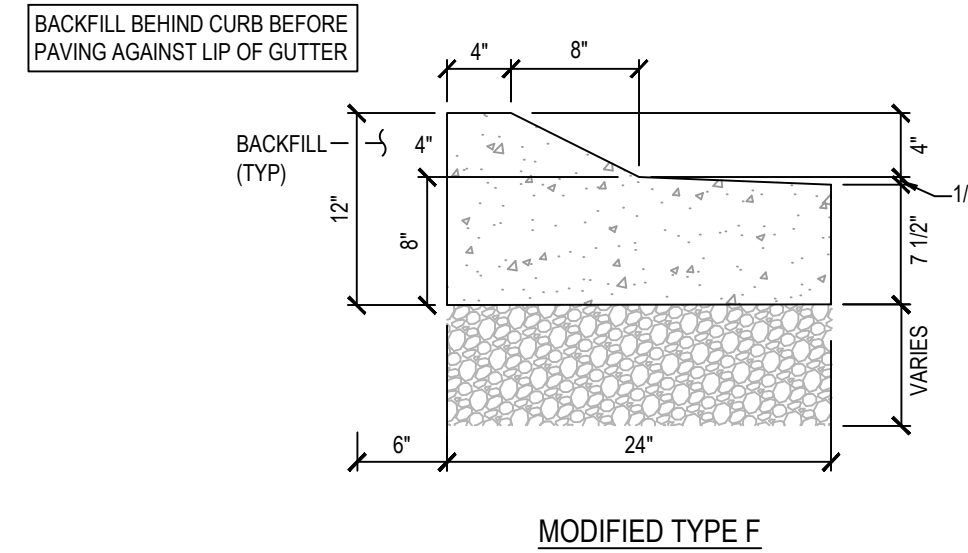
6 TYPICAL 60' STREET CROSS SECTION SCALE: NONE

7 2770 WEST ALLEY SECTION SCALE: NONE

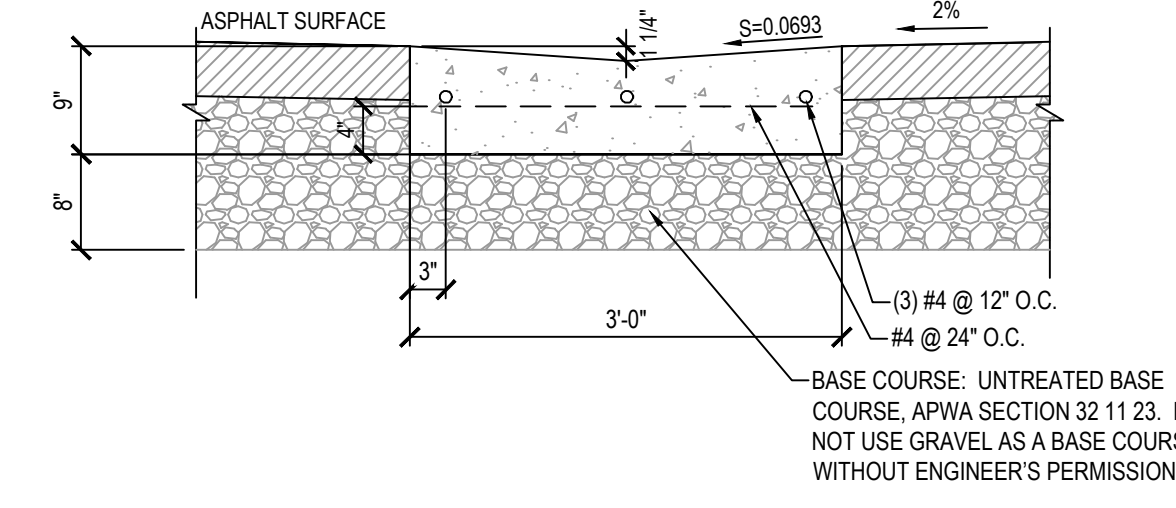
8 STANDARD ASPHALT SECTION SCALE: NONE



- CURB AND GUTTER
1. 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.
2. 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.
3. 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 26.
- B. Concrete Placement: APWA Section 03 30 10.
- 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.
 - 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.
 - 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.



- CURB AND GUTTER
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- A. Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER'S discretion.
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- 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.
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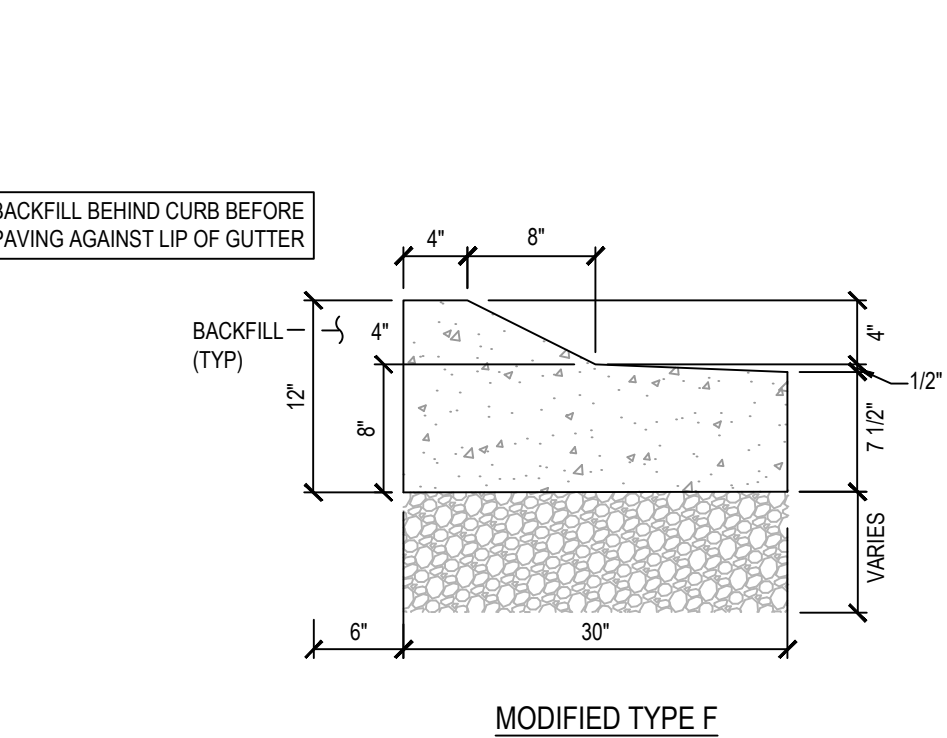


- NOTE:
- CONSTRUCT PER NOTES AND SPECIFICATIONS ASSOCIATED WITH APWA STANDARD PLAN NO. 211.

9 MODIFIED 24" TYPE 'F' CURB AND GUTTER SCALE: NONE

10 MODIFIED 24" REVERSE PAN TYPE 'F' CURB AND GUTTER SCALE: NONE

11 3' WATERWAY SCALE: NONE



- CURB AND GUTTER
1. 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.
2. 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.
3. 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 26.
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12 30" REVERSE PAN TYPE 'F' CURB AND GUTTER SCALE: NONE

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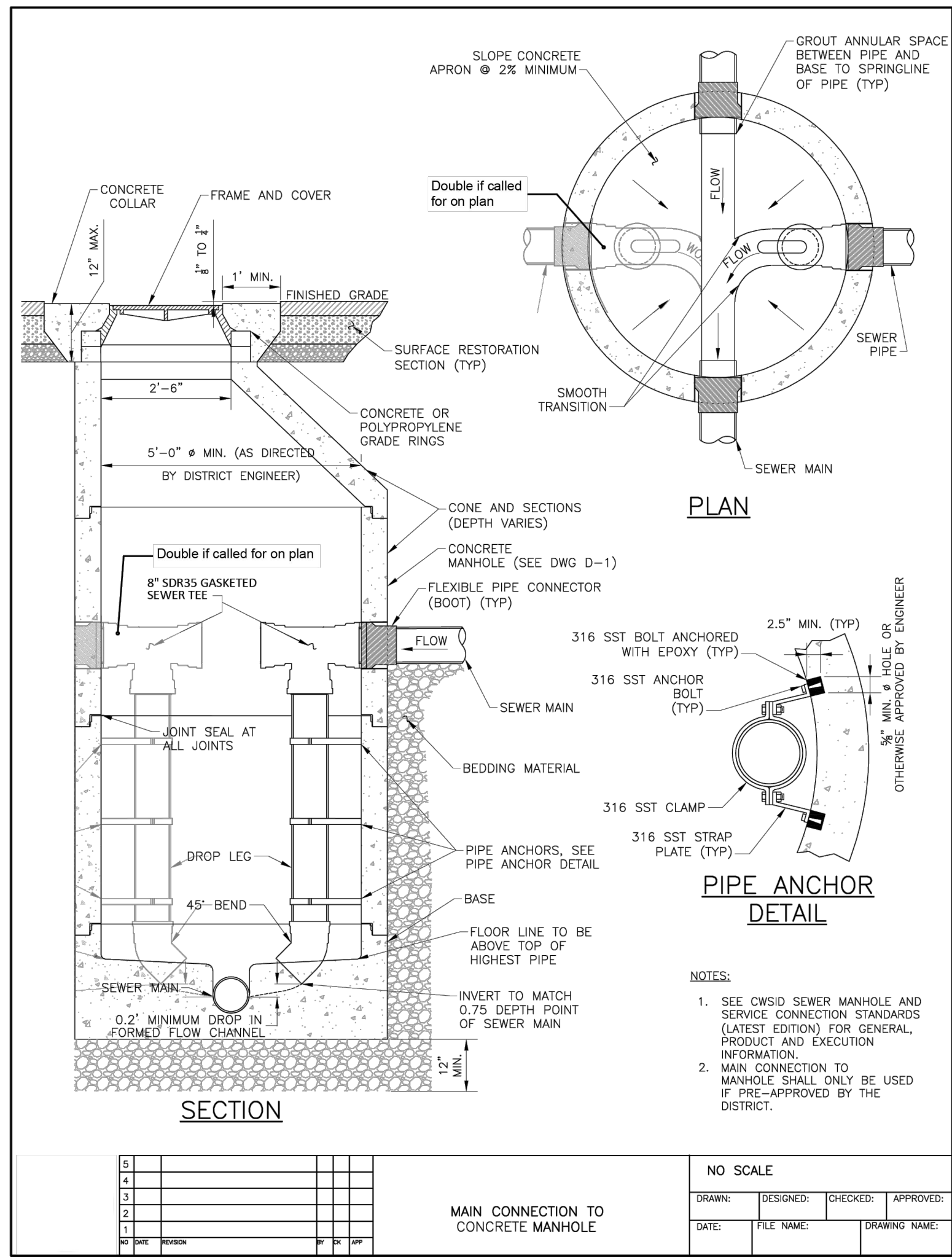


NO. DATE REVIEW FOR REVIEW

DETAILS

PROJECT NUMBER 9872
PRINT DATE 2024-01-16
PROJECT MANAGER CP
DESIGNED BY TS

C-500



1 DROP MANHOLE SCALE: NONE

EN SIGN
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