

SCALE: 1"=1000'

NORTHRIDGE PARK, PH 2

181 WEST 2675 NORTH
 LOCATED IN THE SW 1/4 OF SECTION 31, T.4., R.3., S.L.B.&M.
 LAYTON CITY, DAVIS COUNTY, UTAH

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| Address | Address City, UT Zipcode |

BENCHMARK WP MAGIO
ELEVATION 4666.21

GENERAL NOTES

- ALL WORK WITHIN A PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE RIGHT-OF-WAY OWNER'S STANDARDS & SPECIFICATIONS.
- ALL UTILITY WORK SHALL CONFORM TO THE UTILITY OWNER'S STANDARDS & SPECIFICATIONS.
- THESE PLANS DO NOT INCLUDE DESIGN OF DRY UTILITIES. THESE PLANS MAY CALL FOR RELOCATION, AND/OR REMOVAL AND/OR CONSTRUCTION OF DRY UTILITIES, BUT ARE NOT OFFICIAL DRAWINGS FOR SUCH. DESIGN AND COORDINATION OF DRY UTILITIES IS BY OTHERS.
- THE CONTRACTOR SHALL COORDINATE AND OBTAIN ANY PERMITS REQUIRED FOR THE WORK SHOWN HEREON.
- THE LOCATION AND ELEVATIONS OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS IS A BEST ESTIMATE BASED ON UTILITY COMPANY RECORDS, BLUESTAKES, AND FIELD MEASUREMENTS OF READILY OBSERVABLE ABOVE-GROUND
- FEATURES. AS SUCH, THIS INFORMATION MAY NOT BE COMPLETE, UP-TO-DATE, OR ACCURATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STOP WORK AND NOTIFY THE ENGINEER IF CONFLICTING INFORMATION IS FOUND IN THE FIELD.
- THE CONTRACTOR IS TO FIELD VERIFY THE LOCATION AND ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES PRIOR TO STAKING AND CONSTRUCTION.
- CALL BLUESTAKES AT LEAST 48 HOURS PRIOR TO DIGGING. DO NOT PROCEED UNTIL BLUESTAKES ARE MARKED.
- IT SHALL BE THE CONTRACTOR'S AND SUBCONTRACTOR'S RESPONSIBILITY TO MEET ALL APPLICABLE HEALTH AND SAFETY REGULATIONS, AND THEY SHALL ASSUME SOLE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING CONSTRUCTION OF THIS PROJECT, SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK, AND THE PUBLIC IS PROTECTED.

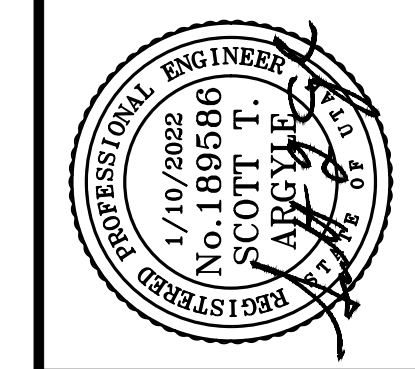
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NORTHRIDGE PARK, PH 2

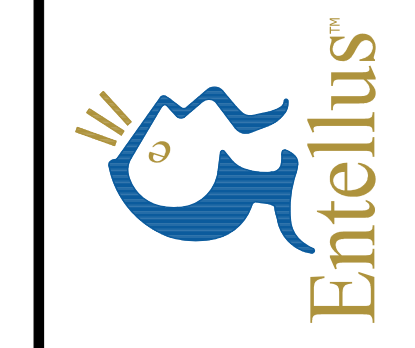
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|-------------------------|--------------------------|-------------------------|
| RNH 3/25/2021 | JRC 12/11/2020 | STA 3/26/2021 |
| CIVIL | SURVEY | ENGINEER |

| REV # | BY | DATE |
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1470 South 600 West
 Woods Cross, UT 84010
 Phone 801.298.2236
 www.Entellus.com



C100
COVER

| GENERAL NOTES | |
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| 1. | ALL IMPROVEMENTS SHALL COMPLY WITH THE STANDARDS AND REGULATIONS OF THE LOCAL GOVERNING MUNICIPALITY. CONTACT THE PUBLIC WORKS OFFICE BEFORE BEGINNING. |
| 2. | CONTRACTOR TO FIELD VERIFY LOCATION, SIZE, AND AVAILABILITY OF EXISTING UTILITIES. UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE. SEE UTILITY NOTE 3. |
| 3. | ALL DIMENSIONS ARE IN FOOT UNITS AND ARE TO THE TOP BACK OF CURB UNLESS SHOWN OR NOTED OTHERWISE. |
| 4. | PROVIDE HANDICAP RAMPS AT ENDS OF WALKWAYS. END 0.1' ABOVE FLOWLINE OF CURB. |
| 5. | CURB AND GUTTER SHALL BE AS PER APWA STD DWG NO 205 TYPE A. |
| 6. | UTILITY INFORMATION INDICATED ON DRAWING IS BASED UPON VISUAL OBSERVATION OR INFORMATION FURNISHED BY MUNICIPAL AUTHORITIES WHICH MAY NOT BE VALID. LATERAL LOCATIONS AND ELEVATIONS ARE ASSUMED. SEE UTILITY NOTE 3. |
| 7. | ALL GRADING SHALL BE DONE UNDER THE SUPERVISION OF A QUALIFIED SOILS ENGINEER WHO SHALL VERIFY THAT ALL FILL HAS BEEN PLACED IN ACCORDANCE WITH PROVISIONS IN CURRENT INTERNATIONAL BUILDING CODE. |
| 8. | COMPACTION TEST REPORTS SHALL BE MADE AVAILABLE TO THE ENGINEER WITHIN 24 HOURS OF A REQUEST. FINAL REPORTS AS SPECIFIED IN CURRENT INTERNATIONAL BUILDING CODE SHALL BE SUBMITTED TO THE ENGINEER WITHIN TEN DAYS AFTER COMPLETION OF GRADING. |
| 9. | ALL STORM DRAIN PIPE SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND THE LOCAL GOVERNING MUNICIPALITY'S STANDARDS AND SPECIFICATIONS. |
| 10. | STORM DRAIN PIPE WITHIN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE RIGHT-OF-WAY OWNER'S SPECIFICATIONS. PRIVATE STORM DRAIN PIPE OPTIONS SHALL CONSIST OF THE FOLLOWING MATERIALS. 1. PVC PIPE, ASTM D3034, SDR 35, BELL & SPIGOT TYPE. 2. RCP PIPE, CLASS 3, BELL & SPIGOT TYPE. 3. HIGH DENSITY CORRUGATED POLYETHYLENE SMOOTH INTERIOR PIPE, ASTM D3350 WITH WATERTIGHT JOINTS. |
| 11. | THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CHECK CONDITIONS AT THE SITE BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES. |
| 12. | TYPICAL DETAILS SHALL APPLY IN GENERAL CONSTRUCTION UNLESS SPECIFICALLY DETAILED. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION WILL BE AS FOR SIMILAR WORK. DO NOT SCALE DRAWINGS. |
| 13. | ANY OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK INVOLVED. |
| 14. | PIPE BEDDING SHALL BE 3/8" MAXIMUM AGGREGATE. USE 3/4" MAXIMUM SIZE ROAD BASE FOR BACKFILL MATERIAL. COMPACT TO 95% STANDARD PROCTOR DENSITY. MAXIMUM LIFT 8 INCHES. |
| 15. | CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PUBLIC AND OSHA STANDARDS. |
| 16. | ALL WORK SHALL COMPLY WITH THE AMERICAN PUBLIC WORKS ASSOCIATION UTAH CHAPTER (APWA) MANUAL OF STANDARD SPECIFICATIONS 2007 EDITION WITH ALL PERTINENT SUPPLEMENTS AND AMENDMENTS AND THE MANUAL OF STANDARD PLANS 2007 EDITION. SAID STANDARD SPECIFICATIONS AND PLANS SHALL BE THE REQUIREMENTS. |
| 17. | IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THE WORK TO BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH EXIST IN THE PLANS OR SPECIFICATIONS. THE ENGINEER'S INTERPRETATION THEREOF SHALL BE CONCLUSIVE. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORITY FROM THE OWNER AND/OR ENGINEER. |
| 18. | THE 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 TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RE-TESTING AND/OR REINSPECTION SHALL BE PAID FOR BY THE CONTRACTOR. |
| 19. | THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL MECHANICAL, ELECTRICAL AND INSTRUMENTATION EQUIPMENT; PIPING AND CONDUITS; STRUCTURES AND OTHER FACILITIES. THE AS-BUILTS OF THE ELECTRICAL SYSTEM SHALL INCLUDE THE STREET LIGHT LAYOUT PLAN SHOWING LOCATION OF LIGHTS, CONDUITS, CONDUCTORS, POINTS OF CONNECTIONS TO SERVICES, PULLBOXES, AND WIRE SIZES. AS-BUILT 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. |
| 20. | PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT 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. |

| SEQUENCE OF CONSTRUCTION | |
|--------------------------|---|
| 1. | CONSTRUCTION EXIT IS TO BE CONSTRUCTED AT TIME OF ENTRY TO SITE. |
| 2. | CLEAR AND GRUB AREAS FOR SEDIMENT MEASURES. |
| 3. | INSTALL SILT FENCES. |
| 4. | COMPLETE CLEARING OF SITE AND BEGIN ROUGH GRADING. |
| 5. | FILL AREAS SHALL BE FILLED IN 12 INCH MAXIMUM LIFTS AND COMPACTED TO AT LEAST 95% MAXIMUM DENSITY. |
| 6. | DRAINAGE WILL BE CONTROLLED AND GROUND SLOPED SO AS TO DIRECT RUNOFF TO SEDIMENT CONTROLLED INLETS. |
| 7. | INSTALL REMAINDER OF STORM DRAIN. |
| 8. | INSTALL UTILITY LINES, WATER, ETC. |
| 9. | INSTALL CURBS, WALKS, ETC., AND STABILIZE ALL DISTURBED AREAS. |
| 10. | INSTALL BASE COURSE. |
| 11. | REMOVE SEDIMENT CONTROL MEASURES, CLEAN OUT TEMPORARY SEDIMENTATION BASINS AND REGRADE, CLEAN OUT SEDIMENT TRAPS AND CONVERT THEM TO STORM WATER MANAGEMENT STRUCTURES. |
| 12. | PAVE SITE. |
| 13. | OWNER TO BE RESPONSIBLE TO CHECK CLEAN OUT INLET BOXES FOR SEDIMENT AND OIL AND CLEAN AS NECESSARY |

| UTILITY NOTES | |
|---------------|---|
| 1. | ALL SERVICE LATERALS SHALL BE EXTENDED 2 FEET PAST THE 10 FOOT P.U.E. |
| 2. | ALL CONSTRUCTION SHALL COMPLY WITH LOCAL GOVERNING MUNICIPALITY DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS |
| 3. | LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE LOCATIONS. CONTRACTOR IS TO FIELD VERIFY CONNECTION POINTS WITH EXISTING UTILITIES, INCLUDING LOCATIONS AND INVERT ELEVATIONS OF ALL EXISTING STRUCTURES OR PIPES, BEFORE STAKING OR CONSTRUCTING ANY NEW UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES AND UTILITY STRUCTURE THAT ARE TO REMAIN. |
| 4. | CONTRACTOR IS RESPONSIBLE TO EXPOSE ALL UTILITY SERVICES STUBBED INTO PROJECT PROPERTY AND GIVE ENTELLUS. 48 HOURS PRIOR NOTICE SO ENTELLUS CAN VERIFY DEPTHS AND INVERT ELEVATIONS TO DETERMINE IF CONFLICTS EXIST. ALSO ANY EXISTING UTILITIES THAT RUN ACROSS PROJECT PROPERTY WHICH MAY CAUSE POTENTIAL CONFLICT NEED TO BE EXPOSED AND LOCATED BOTH HORIZONTALLY AND VERTICALLY. CONTRACTOR PROCEEDS AT OWN RISK IF ENTELLUS IS NOT NOTIFIED TO FIELD VERIFY THE ABOVE MENTIONED CONDITIONS. |
| 5. | CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL DRAWINGS WHERE APPLICABLE. |
| 6. | NO GROUNDWATER OR DEBRIS TO BE ALLOWED TO ENTER THE NEW PIPE DURING CONSTRUCTION. THE OPEN END OF ALL PIPES IS TO BE COVERED AND EFFECTIVELY SEALED AT THE END OF EACH DAYS WORK. |
| 7. | IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL PIPE OF ADEQUATE CLASSIFICATION WITH SUFFICIENT BEDDING TO MEET ALL REQUIREMENTS AND RECOMMENDATIONS FOR H-20 LOAD REQUIREMENTS. |
| 8. | ALL NEW SANITARY SEWER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS. |
| 9. | ALL SEWER LINES AND LATERALS ARE TO BE SDR 35 PVC PIPE. |
| 10. | SEWER LATERALS WILL BE INSTALLED AT A UNIFORM SLOPE OF NOT LESS THAN 2% GRADE AND THEY SHALL HAVE A MINIMUM OF 4 FEET OF COVER, UNLESS OTHERWISE NOTED. |
| 11. | ALL NEW CULINARY AND IRRIGATION WATER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS. |
| 12. | WATER LINES TO BE PVC C-900 DR-14. WATER LINES SHALL BE A MINIMUM OF 10' HORIZONTALLY FROM SEWER MAINS. CROSSINGS SHALL MEET STATE HEALTH STANDARDS. (MECHANICAL JOINTS REQUIRED WHEN LESS THAN 18" VERTICAL OR 10' HORIZONTAL SEPARATION FROM SEWER LINES.) |
| 13. | ALL WATER LINES SHALL BE 8" MINIMUM SIZE AND SERVICE LATERALS SHALL BE 1-1/2" MINIMUM UNLESS OTHERWISE NOTED. |
| 14. | WATER SERVICE LATERALS TO INCLUDE ALL BRASS SADDLE; CORP. STOP LATERAL, DOUBLE CHECK VALVE AND BACKFLOW PREVENTION DEVICE, AND SHUTOFF VALVE IN BOX NEAR BUILDING EDGE. |
| 15. | ALL WATER LINES SHALL BE A MINIMUM 48" BELOW FINISH GROUND TO TOP OF PIPE. ALL VALVE BOXES AND MANHOLES SHALL BE RAISED OR LOWERED TO FINISH GRADE AND SHALL INCLUDE A CONCRETE COLLAR IN PAVED AREAS. |
| 16. | CONTRACTOR TO NOTIFY PUBLIC UTILITIES FOR CHLORINE TEST PRIOR TO FLUSHING LINES, CHLORINE LEFT IN PIPE 24 HOURS MINIMUM WITH 25 PPM RESIDUAL. ALL TURNING OF MAINLINE VALVES, CHLORINATION, FLUSHING, PRESSURE TESTING, BACTERIA TESTING, ETC. TO BE COORDINATED WITH LOCAL GOVERNING MUNICIPALITY. ALL TESTS TO BE IN ACCORDANCE WITH AWWA STANDARDS. |
| 17. | BOTTOM FLANGE OF FIRE HYDRANTS TO BE SET TO APPROXIMATELY 4" INCHES ABOVE BACK OF CURB ELEVATION. HYDRANTS TO INCLUDE TEE, 6" LINE VALVE, AND HYDRANT COMPLETE TO MEET CITY STANDARDS. |
| 18. | ALL NEW STORM DRAIN/LAND DRAIN CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS. |
| 19. | ALL STORM WATER CONVEYANCE PIPING TO BE RCP - CLASS 3 OR EQUAL, UNLESS OTHERWISE NOTED. |
| 20. | CONTRACTOR IS TO SUBMIT SITE PLAN/SUBDIVISION PLAT TO DOMINION ENERGY GAS FOR DESIGN OF GAS SERVICE TO BUILDINGS/LOTS. CONTRACTOR TO COORDINATE WITH DOMINION ENERGY GAS FOR CONTRACTOR LIMITS OF WORK VERSUS DOMINION ENERGY GAS LIMITS. |
| 21. | ALL GAS LINE TAPS TO BE HDPE WITH COPPER TRACER WIRE AND DETECTA TAPE. TERMINATE TRACER WIRE AT APPROVED LOCATIONS. |
| 22. | ALL GAS LINE TAPS, VALVES AND CAPS TO BE FUSED USING ELECTRO-FUSION TECHNOLOGY. |
| 23. | ALL ELECTRICAL CONDUITS/LINES TO BE PVC SCH 40 OR BETTER. |
| 24. | ALL PHONE AND TV CONDUITS TO BE PVC SCH 40 OR BETTER. |
| 25. | CONTRACTOR IS TO SUBMIT SITE PLAN/SUBDIVISION PLAT TO COMCAST FOR DESIGN OF CABLE TV SERVICE TO BUILDINGS/LOTS. CONTRACTOR TO COORDINATE WITH COMCAST FOR CONTRACTOR LIMITS OF WORK VERSUS COMCAST LIMITS. |
| 26. | CONTRACTOR IS TO COORDINATE LOCATIONS OF NEW TELEPHONE SERVICE TO NEW BUILDINGS OR LOTS WITH CENTURYLINK. A PVC CONDUIT, PLYWOOD BACKBOARD, AND GROUND WIRE IS REQUIRED FOR SERVICE THROUGH PROPERTY. COORDINATE SIZES AND LOCATION WITH CENTURYLINK. |
| 27. | ALL UTILITIES ARE TO BE INSTALLED IN ACCORDANCE WITH THE CORRESPONDING AGENCY/DISTRICT STANDARDS AND SPECIFICATIONS: WATER - LAYTON CITY SEWER - LAYTON CITY STORM DRAIN - LAYTON CITY IRRIGATION - WEBER BASIN CONSERVANCY DISTRICT ELECTRICAL - ROCKY MOUNTAIN POWER TELEPHONE - CENTURYLINK NATURAL GAS - DOMINION ENERGY |

| GRADING NOTES | |
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| 1. | SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING IT WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557 EXCEPT UNDER BUILDING FOUNDATION WHERE IT SHALL BE 95% MIN. OF MAXIMUM DENSITY. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED REGISTERED SOILS ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED, HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS. REPORT. |
| 2. | THE CONTRACTOR IS TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THE PROJECT. SPECIFIC DETAILS SHOWN SHALL BE USED IN COMBINATION WITH OTHER ACCEPTED LOCAL PRACTICES. |
| 3. | EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN ON THESE PLANS OR IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. |
| 4. | IF AT ANY TIME DURING CONSTRUCTION ANY UNFAVORABLE GEOLOGICAL CONDITIONS ARE ENCOUNTERED, WORK IN THAT AREA WILL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED FROM THE ENGINEER. |
| 5. | THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING HIS/HER OWN ESTIMATE OF EARTHWORK QUANTITIES. |
| 6. | WHERE NEW CURB AND GUTTER IS BEING CONSTRUCTED ADJACENT TO EXISTING ASPHALT OF CONCRETE PAVEMENT, THE FOLLOWING SHALL APPLY: • PRIOR TO PLACEMENT OF ANY CONCRETE THE CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY THE GRADE AND CROSS SLOPE OF THE CURB AND GUTTER FORMS. • THE CONTRACTOR SHALL SUBMIT THE SLOPE AND GRADES TO THE ENGINEER FOR APPROVAL PRIOR TO THE PLACEMENT OF CONCRETE. • THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY SECTION WHICH DOES NOT CONFORM TO THE DESIGN OR TYPICAL CROSS SECTION. • THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CURB AND GUTTER POURS WITHOUT THE APPROVAL OF THE ENGINEER. |

| EROSION CONTROL | |
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| 1. | ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE STANDARDS AND REGULATIONS OF THE LOCAL GOVERNING MUNICIPALITY. |
| 2. | ALL SEDIMENT CONTROL MEASURES TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. |
| 3. | DAILY INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEDIMENT LEAVING THE PROPERTY. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY. |
| 4. | ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS WILL BE PROTECTED TO PREVENT TRACKING OF MUD ONTO PUBLIC WAYS. |
| 5. | ALL SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM DRAINAGE SYSTEM THROUGH THE USE OF SANDBAGS, STRAW BALES, SILT FENCES, GRAVEL, BOARDS, AND OTHER APPLICABLE METHODS. |
| 6. | ALL DISTURBED AREAS OUTSIDE OF ROADWAYS, PARKING LOTS, SIDEWALKS AND OR BUILDING FOOTPRINTS SHALL BE SEEDDED, SODDED AND/OR MULCHED. |
| 7. | IF SITE IS READY TO RECEIVE FINAL COVER DURING THE NON-PLANTING SEASON, THEN IT SHALL BE PROTECTED BY MULCHING. THE MULCH WILL REMAIN UNTIL THE NEXT PLANTING SEASON AS DEFINED BY THE LOCAL GOVERNING MUNICIPALITY. |
| 8. | RE-VEGETATE ALL DENUED AREAS AS PER THE STANDARDS AND REGULATIONS OF THE LOCAL GOVERNING MUNICIPALITY. |
| 9. | THE CONTRACTOR AGREES THAT: A. THEY SHALL BE RESPONSIBLE TO CLEAN THE JOB SITE AT THE END OF EACH PHASE OF WORK. B. THEY SHALL BE RESPONSIBLE TO REMOVE AND DISPOSE OF ALL TRASH, SCRAP AND UNUSED MATERIAL AT THEIR OWN EXPENSE IN A TIMELY MANNER. C. THEY SHALL BE RESPONSIBLE TO MAINTAIN THE SITE IN A NEAT, SAFE AND ORDERLY MANNER AT ALL TIMES. D. THEY SHALL BE RESPONSIBLE TO KEEP MATERIALS, EQUIPMENT, AND TRASH OUT OF THE WAY OF OTHER CONTRACTORS SO AS NOT TO DELAY THE JOB. FAILURE TO DO SO WILL RESULT IN A DEDUCTION FOR THE COST OF CLEAN UP FROM FINAL PAYMENT. E. THEY SHALL BE RESPONSIBLE FOR THEIR OWN SAFETY, TRAFFIC CONTROL, PERMITS, RE-TESTING AND REINSPECTION AT THEIR OWN EXPENSE. F. UNLESS OTHERWISE NOTED ALL EXCESS SOILS AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LAWFULLY DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE. G. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAG-MEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY. |

| LEGEND | |
|--------|----------------------------|
| | SECTION CORNER |
| | MONUMENT |
| | EXISTING SPOT ELEVATION |
| | PROPOSED SPOT ELEVATION |
| | DOWNWARD GRADE |
| | EXISTING INDEX CONTOUR |
| | EXISTING MINOR CONTOUR |
| | PROPOSED CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | LOT OR BOUNDARY LINE |
| | PUBLIC UTILITY EASEMENT |
| | BUILDABLE AREA SETBACK |
| | CENTER LINE OF ROAD |
| | EXISTING FENCE |
| | PROPOSED FENCE |
| | EXISTING BUILDING |
| | PROPOSED BUILDING |
| | EXISTING ASPHALT |
| | PROPOSED ASPHALT |
| | EXISTING CONCRETE |
| | PROPOSED CONCRETE |
| | EXISTING CURB & GUTTER |
| | PROPOSED CURB & GUTTER |
| | ADA PARKING |
| | STREET LIGHT |
| | LIGHT POLE |
| | POWER POLE |
| | TELEPHONE POLE |
| | UTILITY POLE |
| | STREET SIGN |
| | EXISTING RETAINING WALL |
| | PROPOSED RETAINING WALL |
| | EXISTING ROCK WALL |
| | PROPOSED ROCK WALL |
| | EXISTING FIBER OPTIC |
| | PROPOSED FIBER OPTIC |
| | EXISTING NATURAL GAS |
| | PROPOSED NATURAL GAS |
| | EXISTING POWER |
| | PROPOSED POWER |
| | EXISTING OVERHEAD POWER |
| | PROPOSED OVERHEAD POWER |
| | EXISTING UNDERGROUND POWER |
| | PROPOSED UNDERGROUND POWER |
| | EXISTING TELEPHONE |
| | PROPOSED TELEPHONE |
| | EXISTING IRRIGATION LINE |
| | PROPOSED IRRIGATION LINE |
| | IRRIGATION MANHOLE |
| | IRRIGATION METER |
| | BLOWOFF |
| | VALVE |
| | TEE |
| | ELBOW |
| | REDUCER |
| | THRUST BLOCK |

| LEGEND | |
|--------|--------------------------|
| | EXISTING WATER LINE |
| | PROPOSED WATER LINE |
| | EXISTING FIRE PROTECTION |
| | PROPOSED FIRE PROTECTION |
| | WATER MANHOLE |
| | WATER METER |
| | FIRE HYDRANT |
| | BLOWOFF |
| | VALVE |
| | TEE |
| | ELBOW |
| | REDUCER |
| | THRUST BLOCK |
| | EXISTING SEWER LINE |
| | PROPOSED SEWER LINE |
| | SEWER MANHOLE |
| | EXISTING LAND DRAIN |
| | PROPOSED LAND DRAIN |
| | LAND DRAIN MANHOLE |
| | EXISTING STORM DRAIN |
| | PROPOSED STORM DRAIN |
| | STORM DRAIN MANHOLE |
| | CATCH BASIN / CLEANOUT |
| | CURB INLET |

| LEGEND | |
|--------|--------------------------|
| | EXISTING WATER LINE |
| | PROPOSED WATER LINE |
| | EXISTING FIRE PROTECTION |
| | PROPOSED FIRE PROTECTION |
| | WATER MANHOLE |
| | WATER METER |
| | FIRE HYDRANT |
| | BLOWOFF |
| | VALVE |
| | TEE |
| | ELBOW |
| | REDUCER |
| | THRUST BLOCK |
| | EXISTING SEWER LINE |
| | PROPOSED SEWER LINE |
| | SEWER MANHOLE |
| | EXISTING LAND DRAIN |
| | PROPOSED LAND DRAIN |
| | LAND DRAIN MANHOLE |
| | EXISTING STORM DRAIN |
| | PROPOSED STORM DRAIN |
| | STORM DRAIN MANHOLE |
| | CATCH BASIN / CLEANOUT |
| | CURB INLET |

| ABBREVIATIONS | |
|---------------|--|
| Ø | DIAMETER |
| Δ | DELTA |
| ° | DEGREES |
| ' | MINUTES, FEET |
| " | SECONDS, INCHES |
| ADA | AMERICAN DISABILITIES ACT |
| ADS | CORRUGATED BLACK PLASTIC PIPE |
| APWA | AMERICAN PUBLIC WORKS ASSOCIATION |
| ARCH | ARCHITECT, ARCHITECTURAL |
| ASTM | AMERICAN SOCIETY FOR TESTING AND MATERIALS |
| AWWA | AMERICAN WATER WORKS ASSOCIATION |
| B&C | BAR & CAP |
| BLA | BOUNDARY LINE AGREEMENT |
| BLDG | BUILDING |
| BM | BENCHMARK |
| BND | BOUNDARY |
| BOW | BACK OF WALK |
| BRG | BEARING |
| BV | BUTTERFLY VALVE |
| C&G | CURB AND GUTTER |
| CB | CATCH BASIN |
| CH | CHORD |
| CHB | CHORD BEARING |
| CI | CAST IRON |
| CIP | CAST IN PLACE |
| CL | CENTERLINE |
| CMP | CORRUGATED METAL PIPE |
| CO | CLEANOUT |
| COMM | COMMUNICATIONS |
| CONC | CONCRETE |
| CONST | CONSTRUCTION |
| CUL | CULINARY |
| CWL | CULINARY WATER |
| CW | CULINARY WATERLINE |
| D | DEMOLITION |
| DIAM | DUCTILE IRON |
| DIST | DIAMETER |
| DWG | DISTANCE |
| E | DRAWING |
| E | EAST, ELECTRICITY, ELECTRICAL |
| EASE | EASEMENT |
| EG | EXISTING GRADE |
| EL | ELBOW |
| ELEC | ELECTRICAL |
| ELEV | ELEVATION |
| EOA | EDGE OF ASPHALT |
| EVC | END VERTICAL CURVE |
| EVCE | END VERTICAL CURVE ELEVATION |
| EVCS | END VERTICAL CURVE STATION |
| EX | EXISTING |
| FFE | FINISH FLOOR ELEVATION |
| FG | FINISH GRADE |
| FH | FIRE HYDRANT |
| FL | FLOWLINE FND FOUNDATION |
| FP | FIRE PROTECTION |
| FTG | FOOTING |
| G | GAS, NATURAL GAS |
| GB | GRADE BREAK |
| GV | GATE VALVE |
| HDPE | HIGH-DENSITY POLYETHYLENE PIPE |
| HP | HIGH POINT |
| HPE | HIGH POINT ELEVATION |
| TAN | TANGENT |
| TB | THRUST BLOCK |
| TBC | TOP BACK OF CURB |
| TBW | TOP BACK OF WALK |
| TEL | TELEPHONE |
| TCW | TOP OF CURB WALL |
| TOA | TOP OF ASPHALT |
| TOC | TOP OF CONCRETE |
| TOE | TOP OF SLOPE OR WALL |
| TOG | TOP OF GRATE |
| TOW | TOP OF WALL |
| UTIL | UTILITY |
| UD | UNDERDRAIN |
| UGP | UNDERGROUND POWER |
| VC | VERTICAL CURVE |
| W | WEST, WATER |
| W2 | SECONDARY WATER |
| WL | WATERLINE |
| WM | WATER METER |
| WP | WORK POINT |

| ABBREVIATIONS | |
|---------------|---|
| HPS | HIGH POINT STATION |
| ID | INSIDE DIAMETER |
| IE | INVERT ELEVATION |
| INV | INVERT |
| IRR | IRRIGATION |
| IRRMH | IRRIGATION MANHOLE |
| K | RADIUS OF CURVATURE |
| L | LENGTH |
| LAT | LATERAL SERVICE |
| LD | LAND DRAIN |
| LDMH | LAND DRAIN MANHOLE |
| LF | LINEAL FEET |
| LG | LIP OF GUTTER |
| LP | LOW POINT |
| LPE | LOW POINT ELEVATION |
| MECH | MECHANICAL |
| MH | MANHOLE |
| MON | MONUMENT |
| NE | NORTHWEST |
| NW | NORTHWEST |
| OD | OUTSIDE DIAMETER |
| OHP | OVERHEAD POWER |
| OSHA | OCCUPATIONAL SAFETY AND HEALTH |
| PC | POINT OF CURVATURE |
| PCC | PORTLAND CONCRETE CEMENT |
| PI | POINT OF INFLECTION |
| PL | PROPERTY LINE |
| PPM | PARTS PER MILLION |
| PROP | PROPERTY |
| PUE | POINT OF TANGENCY |
| PUE&DE | PUBLIC UTILITY EASEMENT & DRAINAGE EASEMENT |
| PVC | POLYVINYL CHLORIDE |
| PVI | POINT OF VERTICAL INFLECTION |
| R | RADIUS |
| RC | REBAR & CAP |
| RCL | ROADWAY CENTERLINE |
| RCP | REINFORCED CONCRETE PIPE |
| ROW | RIGHT OF WAY |
| SD | STORM DRAIN |
| SDBC | STORM DRAIN CATCH BASIN |
| SDDO | STORM DRAIN CLEANOUT |
| SDMH | STORM DRAIN MANHOLE |
| SDR | STANDARD DIMENSION RATIO |
| SE | SOUTHEAST |
| SEC | SECTION |
| SLB&M | SALT LAKE BASE & MERIDIAN |
| SPEC | SPECIFICATION |
| SPP | STEEL PIPE |
| SS | SANITARY SEWER |
| SSCO | SANITARY SEWER CLEANOUT |
| SMH | SANITARY SEWER MANHOLE |
| STD | STANDARD |
| SW | SECONDARY WATER |
| SW | SOUTHWEST |
| SWL | SECONDARY WATERLINE |
| SWPPP | STORMWATER POLLUTION PREVENTION PLAN |
| TAN | TANGENT |
| TB | THRUST BLOCK |
| TBC | TOP BACK OF CURB |
| TBW | TOP BACK OF WALK |
| TEL | TELEPHONE |
| TCW | TOP OF CURB WALL |
| TOA | TOP OF ASPHALT |
| TOC | TOP OF CONCRETE |
| TOE | TOP OF SLOPE OR WALL |
| TOG | TOP OF GRATE |
| TOW | TOP OF WALL |
| UTIL | UTILITY |
| UD | UNDERDRAIN |
| UGP | UNDERGROUND POWER |
| VC | VERTICAL CURVE |
| W | WEST, WATER |
| W2 | SECONDARY WATER |
| WL | WATERLINE |
| WM | WATER METER |
| WP | WORK POINT |

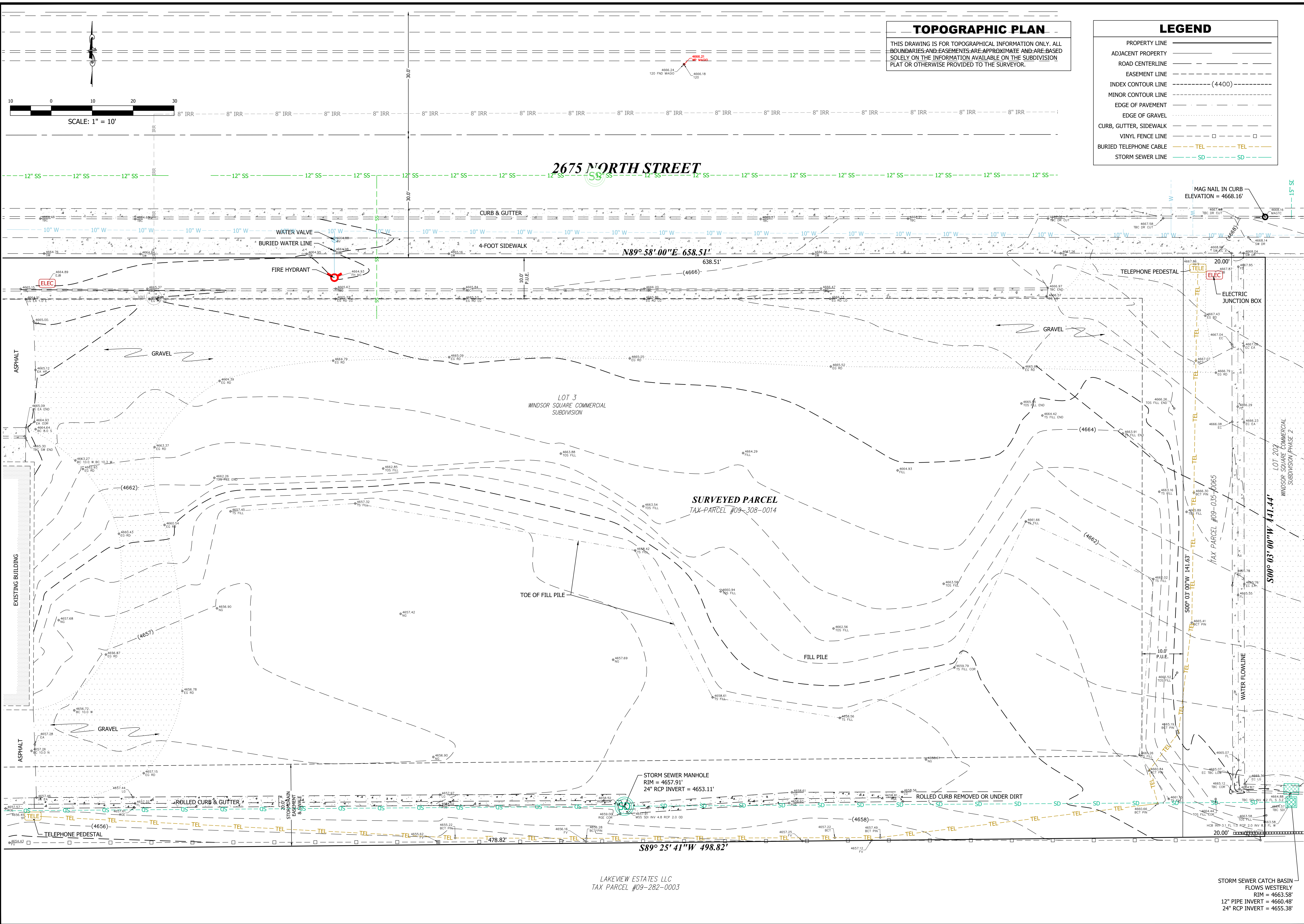
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UTAH TOLL FREE, OR
801-208-2100
SALT LAKE
IT'S THE LAW TO CALL

H: 1807002 | ID: PRODUCTION | C:\v\04_Plan Set\PLAN SET-1807002

NORTHBRIDGE PARK, PH 2

1807002

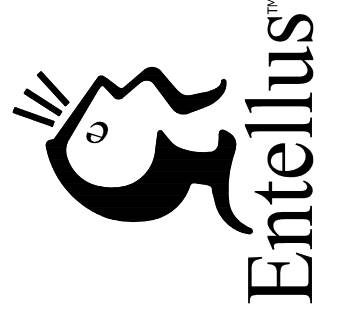
RNH 3/25/2021
JRC 12/11/



TOPOGRAPHIC PLAN
 THIS DRAWING IS FOR TOPOGRAPHICAL INFORMATION ONLY. ALL BOUNDARIES AND EASEMENTS ARE APPROXIMATE AND ARE BASED SOLELY ON THE INFORMATION AVAILABLE ON THE SUBDIVISION PLAT OR OTHERWISE PROVIDED TO THE SURVEYOR.

| LEGEND | |
|------------------------|---------------------|
| PROPERTY LINE | — |
| ADJACENT PROPERTY | --- |
| ROAD CENTERLINE | —+— |
| EASEMENT LINE | - - - - - |
| INDEX CONTOUR LINE | ----- (4400) ----- |
| MINOR CONTOUR LINE | ----- (4400) ----- |
| EDGE OF PAVEMENT | |
| EDGE OF GRAVEL | |
| CURB, GUTTER, SIDEWALK | |
| VINYL FENCE LINE | —□—□—□—□—□—□— |
| BURIED TELEPHONE CABLE | --- TEL --- TEL --- |
| STORM SEWER LINE | --- SD --- SD --- |

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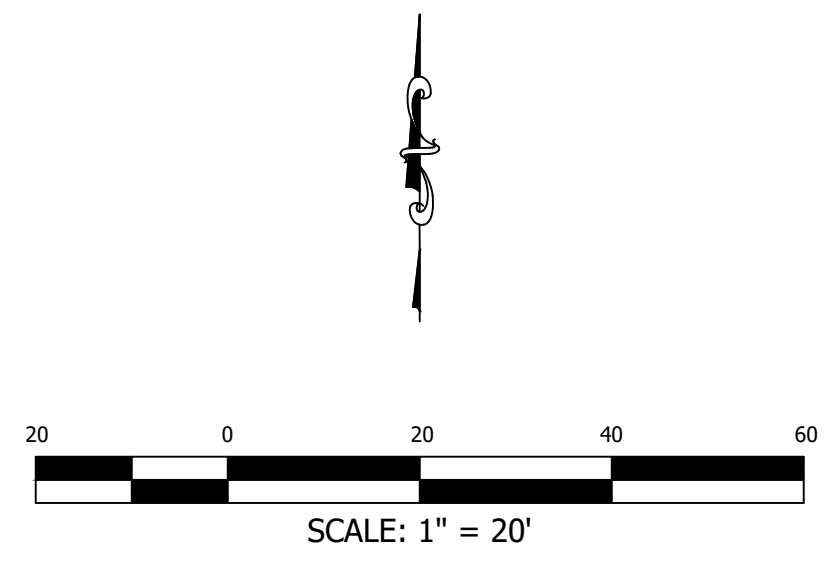
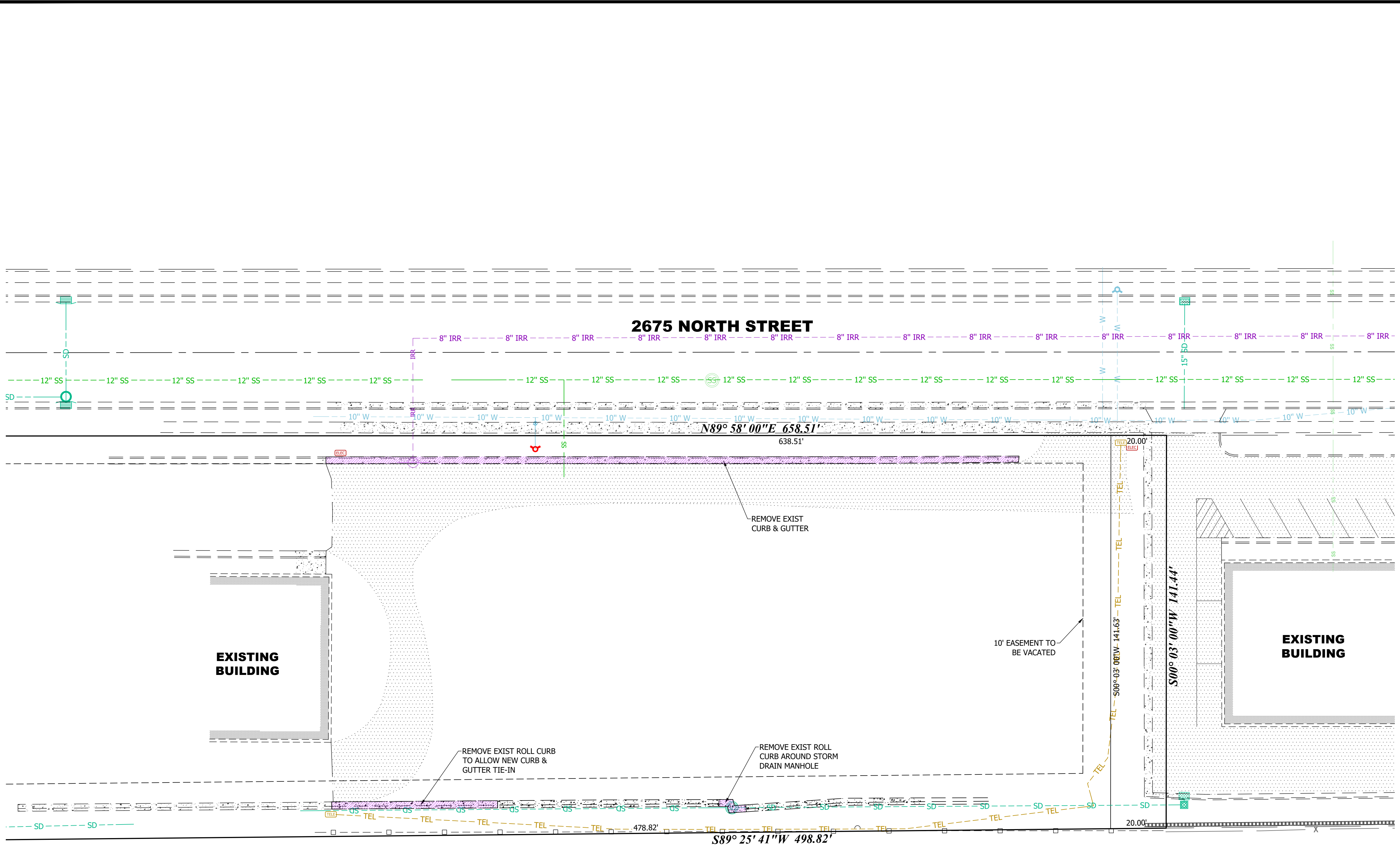
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

DIXON PITCHER
 181 WEST 2675 NORTH STREET
 PART OF LOT 3, WINDSOR SQUARE COMMERCIAL SUBDIVISION
 LOCATED IN THE NE 1/4 OF SECTION 8, T-4N., R-1W., S.L.R.&M.
 LAYTON CITY, DAVIS COUNTY, UTAH





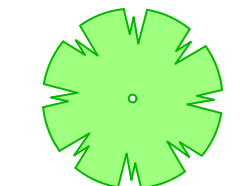
DRAWN: JAF 07/07/2021
 APPROVED: JRC 07/19/2021
 PROJECT #: 1807002
 TOPO 1807002.dwg
V200
 TOPOGRAPHIC SURVEY

LAKEVIEW ESTATES LLC
 TAX PARCEL #09-282-0003

STORM SEWER CATCH BASIN
 FLOWS WESTERLY
 RIM = 4653.58'
 12" PIPE INVERT = 4660.48'
 24" RCP INVERT = 4655.38'



DEMOLITION LEGEND

-  ASPHALT TO BE REMOVED
-  CONCRETE TO BE REMOVED
-  STRUCTURE TO BE REMOVED
-  CLEAR AND GRUB
-  TREES TO BE REMOVED

NOTE: ANY DAMAGED SIDEWALK OR CURB & GUTTER MUST BE REMOVED & REPLACED

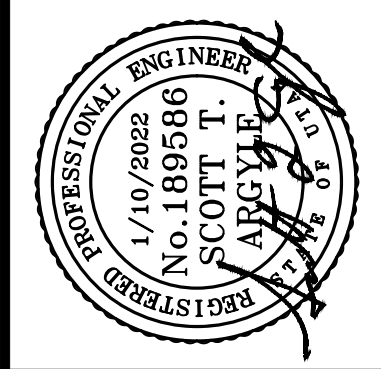
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NORTHBRIDGE PARK, PH 2

1807002

| | |
|----------|--------------------------|
| CIVIL | RNH 3/25/2021 |
| SURVEY | JRC 12/11/2020 |
| ENGINEER | STA 3/26/2021 |

| REV # | BY | DATE |
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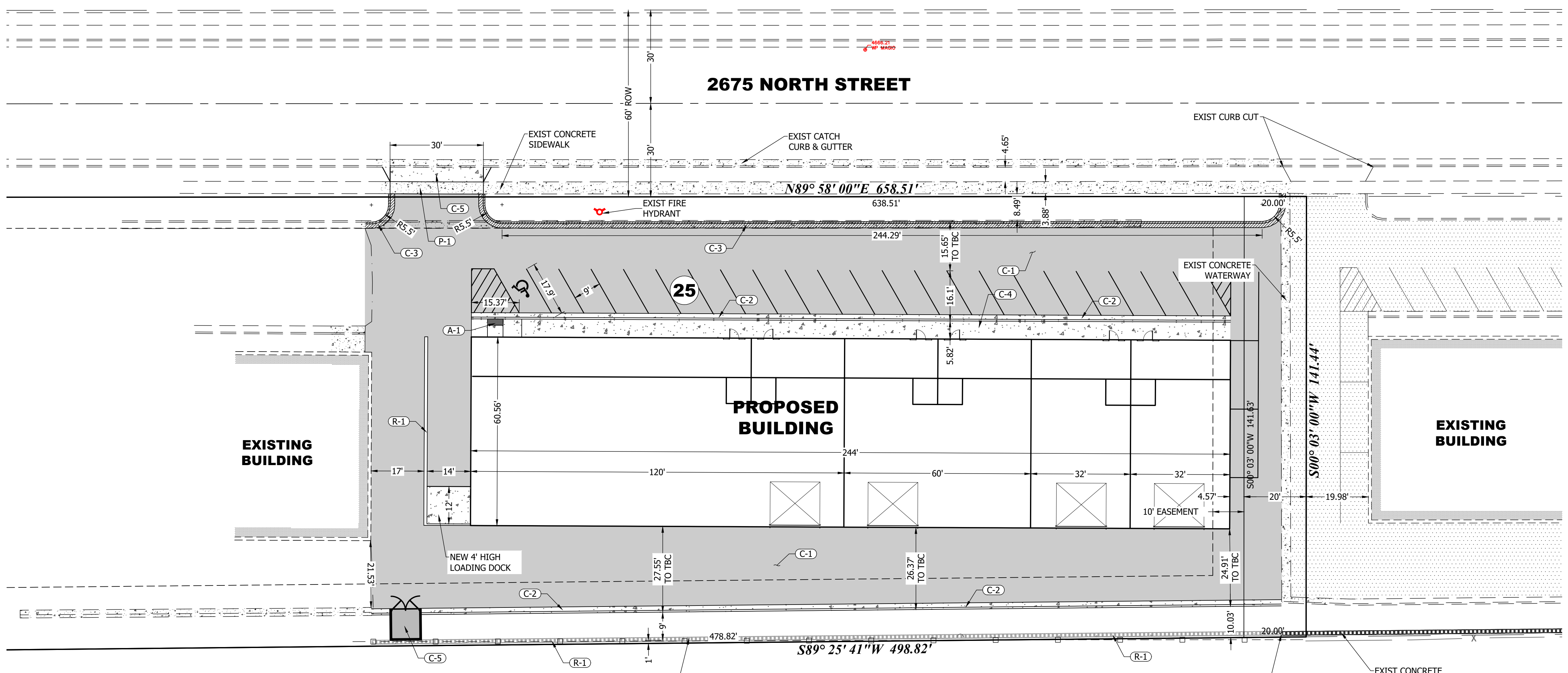
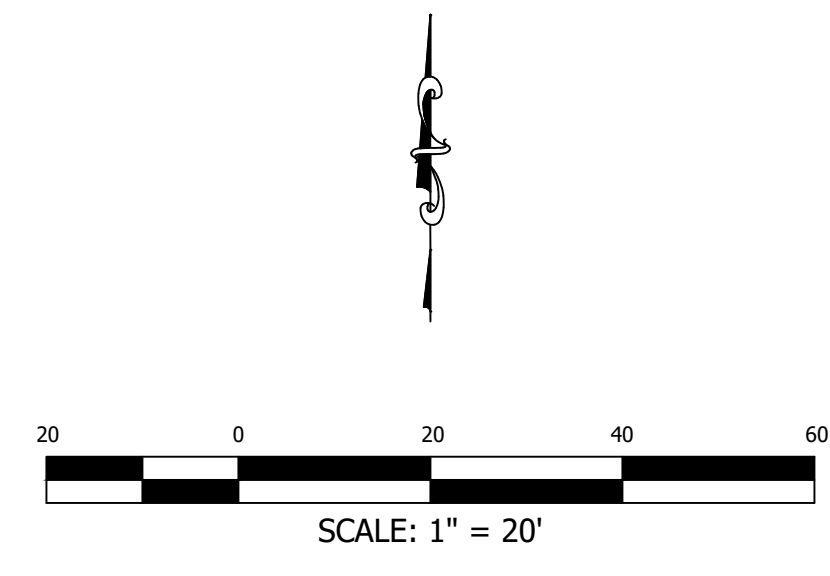
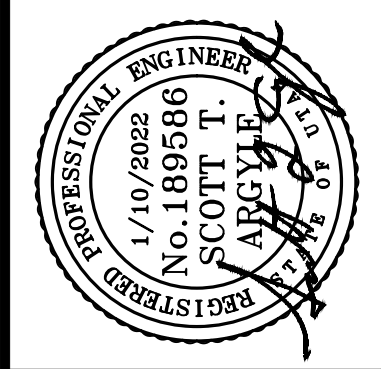
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C300
DEMOLITION SHEET

| | |
|----------|-------------------|
| CIVIL | RNH 3/25/2021 |
| SURVEY | JRC 12/11/2020 |
| ENGINEER | STA 3/26/2021 |

| REV # | BY | DATE |
|-------|----|------|
| | | |
| | | |
| | | |



| AREA TABULATION | | | |
|-----------------|---------------|-------------|----------------|
| | sq.ft. | Acres | % |
| BUILDING | 14,776 | 0.34 | 34.42% |
| IMPROVEMENTS | 23,075 | 0.53 | 53.76% |
| LANDSCAPE | 5,072 | 0.12 | 11.82% |
| TOTAL | 42,923 | 0.99 | 100.00% |

| PARKING CALCULATIONS | |
|-------------------------------|--------------|
| TOTAL BUILDING SPACE | 14,776 |
| TOTAL OFFICE SPACE | 3,116 |
| TOTAL WAREHOUSE SPACE | 11,660 |
| OFFICE REQUIREMENT | 1:300 sq/ft |
| WAREHOUSE REQUIREMENTS | 1:1000 sq/ft |
| OFFICE REQUIRED PARKING | 11 |
| WAREHOUSE REQUIRED PARKING | 12 |
| TOTAL REQUIRED PARKING | 23 |
| TOTAL DESIGNED PARKING | 25 |
| TOTAL ADA PARKING | 1 |

| SYMBOL LEGEND | |
|---------------|---|
| (C-1) | PRIVATE ASPHALT SECTION PER DETAIL, SHEET C900 |
| (C-2) | PRIVATE 24" CATCH CURB & GUTTER PER DETAIL, SHEET C900 |
| (C-3) | PRIVATE 24" RELEASE CURB & GUTTER PER DETAIL, SHEET C900 |
| (C-4) | PRIVATE THICKEND-EDGE SIDEWALK PER DETAIL, SHEET C900 |
| (C-5) | DUMPSTER ENCLOSURE PER DETAIL, SHEET C900 |
| (R-1) | MINOR RETAINING WALL PER DETAIL, SHEET C900 |
| (A-1) | ADA SIDEWALK RAMP AND PARKING AREA PER DETAIL, SHEET C900 |
| (A-2) | ADA VAN ACCESSIBLE PARKING SIGN PER DETAIL, SHEET C900 |
| (A-3) | ADA ACCESSIBLE PARKING SIGN PER DETAIL, SHEET C900 |
| (P-1) | CONCRETE SIDEWALK REPLACEMENT PER WOODS CROSS CITY STANDARDS |
| (P-2) | CONCRETE DRIVE APPROACH PER WOODS CROSS CITY STANDARDS |
| (P-3) | CONCRETE CURB & GUTTER REPLACEMENT PER WOODS CROSS CITY STANDARDS |
| (P-4) | ASPHALT REPLACEMENT PER WOODS CROSS CITY STANDARDS |

ALL ITEMS WITHIN THE PUBLIC RIGHT-OF-WAY TO CONFORM TO THE RIGHT-OF-WAY OWNER'S STANDARDS & SPECIFICATIONS.

ACCESSIBLE AREA CONSTRAINTS

ALL ACCESSIBLE AREAS ARE TO MAINTAIN THE FOLLOWING MAXIMUM SLOPES AND TOLERANCES:

ACCESSIBLE PARKING:
MAXIMUM SLOPE OF 1:48 (2%) THROUGHOUT.

ACCESSIBLE ROUTE:
MINIMUM WIDTH OF 48". MAXIMUM SLOPE OF 1:20 (5%) ALONG THE ROUTE, MAXIMUM CROSS-SLOPE OF 1:48 (2%).

ACCESS ROUTE TURNAROUNDS:
A CLEAR 60" TURNING DIAMETER. MAXIMUM SLOPE OF 1:48 (2%) IN ANY DIRECTION.

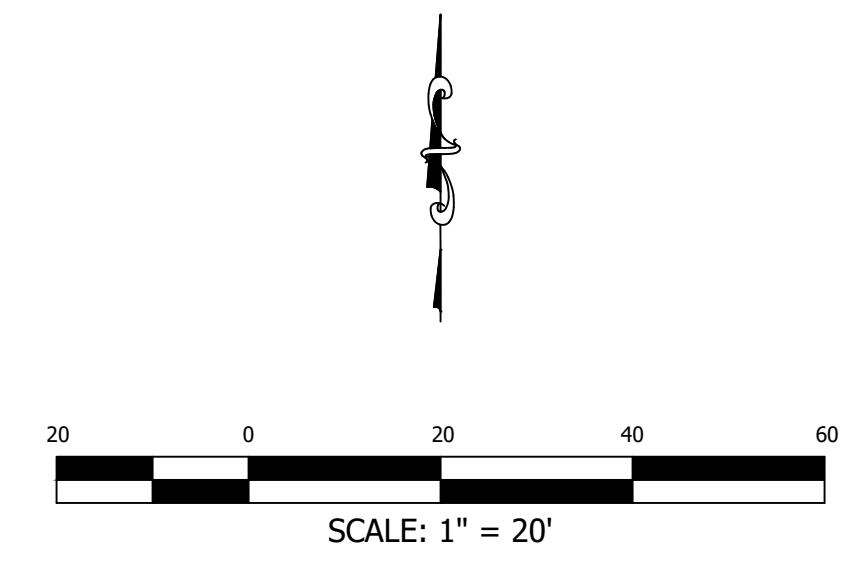
LEVEL LANDING / EXTERIOR DOOR LANDING:
MINIMUM SIZE OF 60"x60". MAXIMUM SLOPE OF 1:48 (2%) IN ANY DIRECTION.

ACCESSIBLE EGRESS TO PUBLIC WAY:
MAXIMUM SLOPE OF 1:20 (5%) ALONG THE ROUTE, MAXIMUM CROSS-SLOPE OF 1:48 (2%).

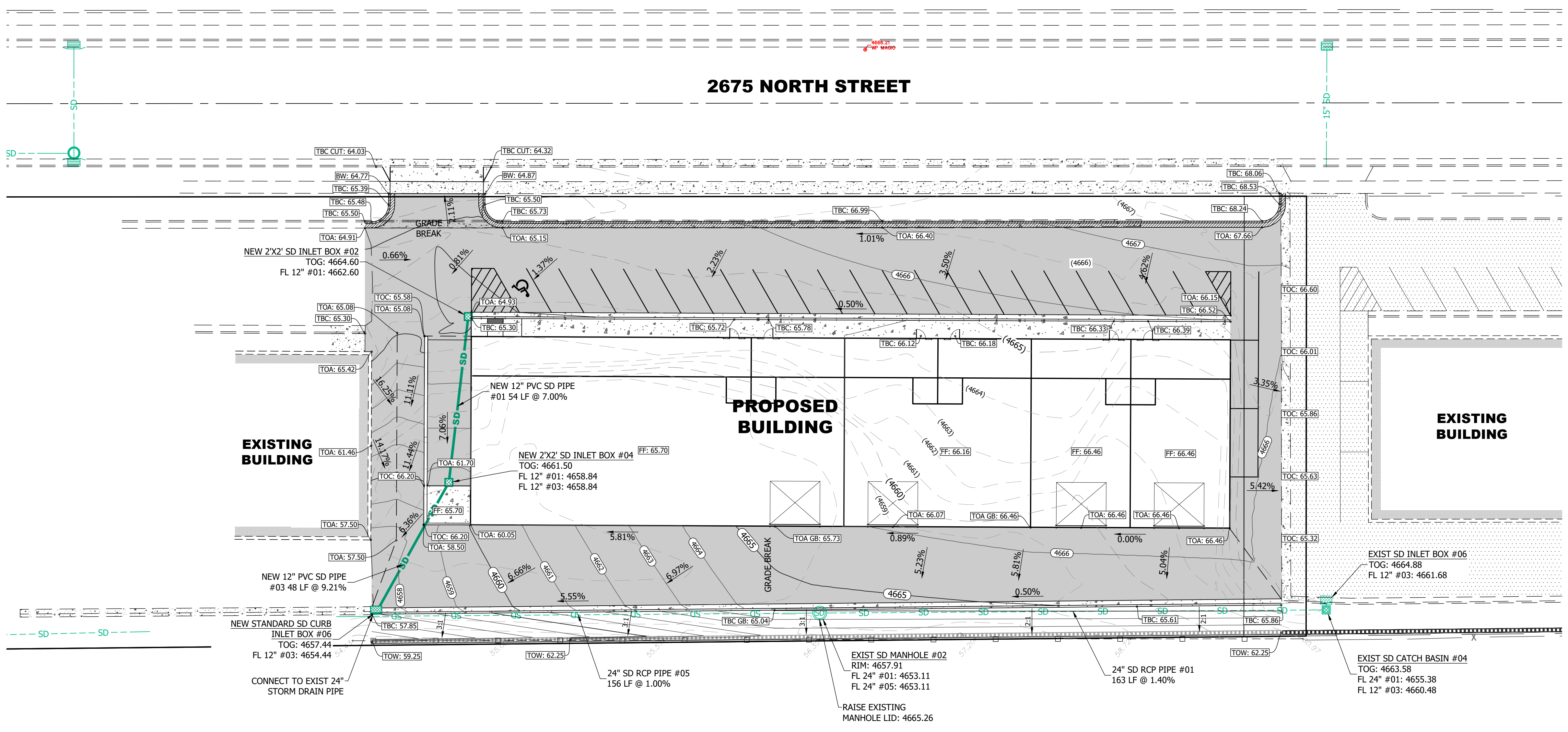
ADA ACCESS RAMPS:
MAXIMUM SLOPE OF 1:12 (8.33%), WITH A MAXIMUM CROSS-SLOPE OF 2%. THE TRANSITION BETWEEN ASPHALT AND CONCRETE IS NOT TO EXCEED 1/2" VERTICAL (1/4" IF BEVELED).

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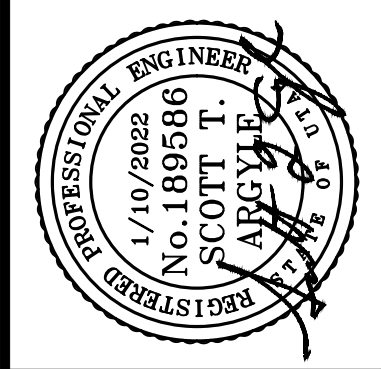
DRAINAGE NOTES
 ALL RUNOFF WILL DRAIN WEST TO EXISTING DETENTION BASIN



SITE BENCHMARK = 4666.21 AT WP MAGIO

ACCESSIBLE AREA CONSTRAINTS
 ALL ACCESSIBLE AREAS ARE TO MAINTAIN THE FOLLOWING MAXIMUM SLOPES AND TOLERANCES:
 ACCESSIBLE PARKING:
 MAXIMUM SLOPE OF 1:48 (2%) THROUGHOUT.
 ACCESSIBLE ROUTE:
 MINIMUM WIDTH OF 48". MAXIMUM SLOPE OF 1:20 (5%) ALONG THE ROUTE, MAXIMUM CROSS-SLOPE OF 1:48 (2%).
 ACCESS ROUTE TURNAROUNDS:
 A CLEAR 60" TURNING DIAMETER. MAXIMUM SLOPE OF 1:48 (2%) IN ANY DIRECTION.
 LEVEL LANDING / EXTERIOR DOOR LANDING:
 MINIMUM SIZE OF 60"x60". MAXIMUM SLOPE OF 1:48 (2%) IN ANY DIRECTION.
 ACCESSIBLE EGRESS TO PUBLIC WAY:
 MAXIMUM SLOPE OF 1:20 (5%) ALONG THE ROUTE, MAXIMUM CROSS-SLOPE OF 1:48 (2%).
 ADA ACCESS RAMPS:
 MAXIMUM SLOPE OF 1:12 (8.33%), WITH A MAXIMUM CROSS-SLOPE OF 2%. THE TRANSITION BETWEEN ASPHALT AND CONCRETE IS NOT TO EXCEED 1/2" VERTICAL (1/4" IF BEVELED).

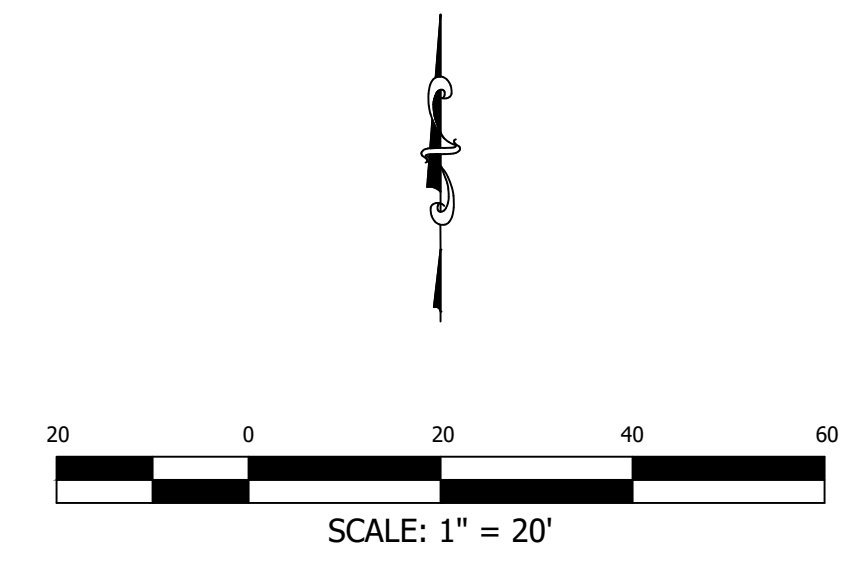
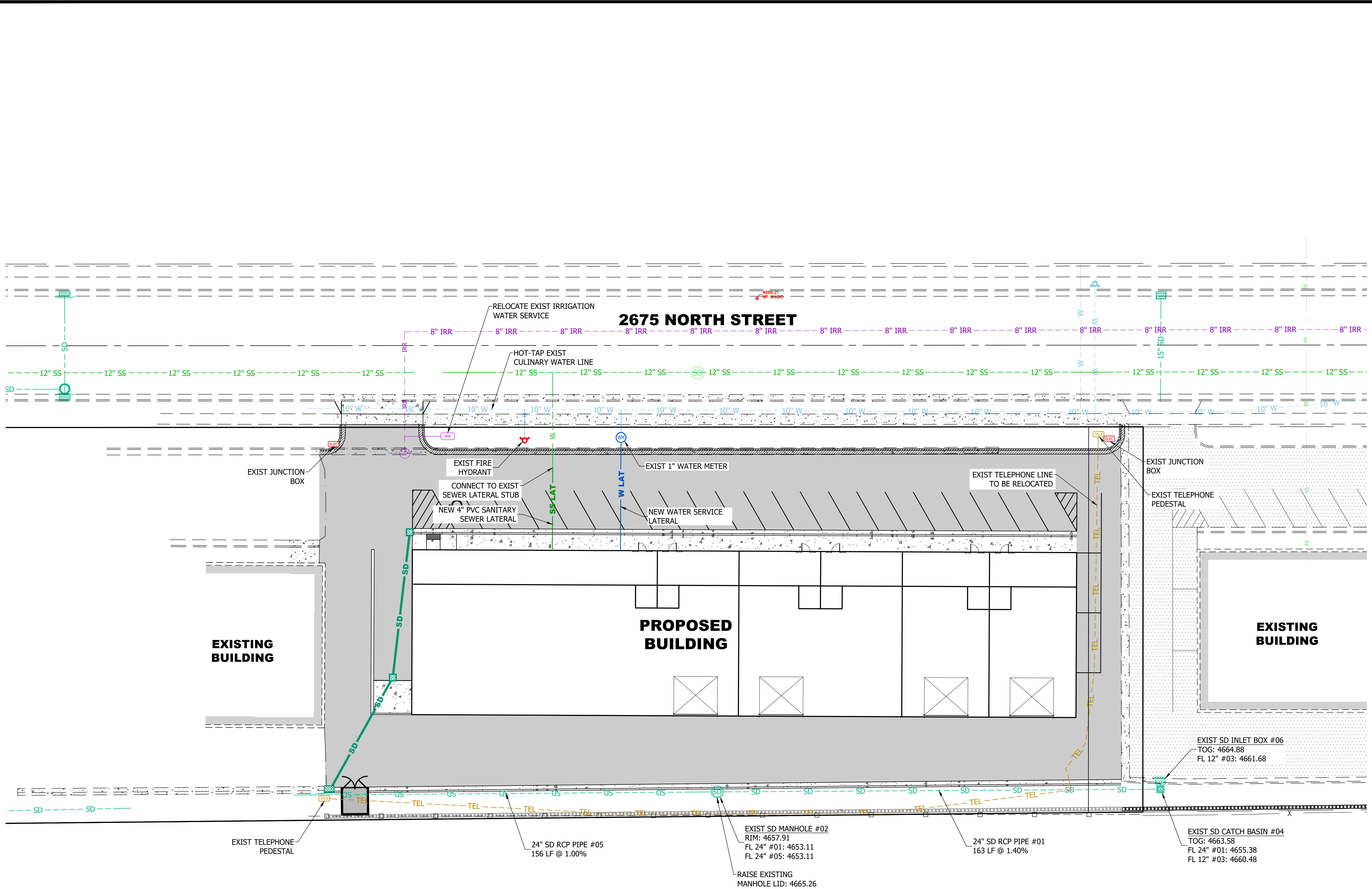
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|----------|-----|------------|
| CIVIL | RNH | 3/25/2021 |
| | JRC | 12/11/2020 |
| ENGINEER | STA | 3/26/2021 |
| | BY | DATE |
| REV # | BY | DATE |



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C500
 GRADING PLAN



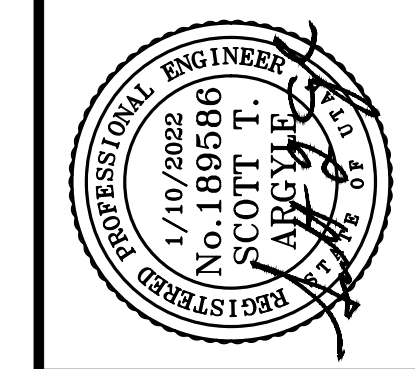
UTILITY NOTE

1. WHEN RAISING STORM DRAIN MANHOLE LID TO FINISHED GRADE ELEVATION, POSITION AN ECCENTRIC CONE SUCH THAT THE RING & COVER ARE OUTSIDE OF THE CURB & GUTTER.

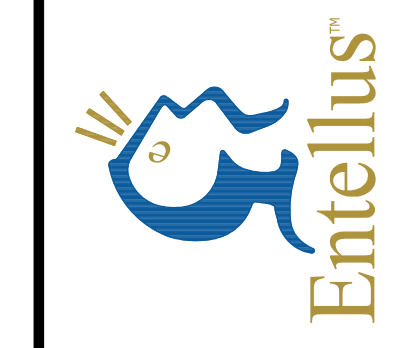
| METER SIZING | | | |
|-----------------------|----------|---------------|---------------|
| OFFICE | Fixtures | Units/Fixture | Fixture Units |
| Bath/Shower | 0 | 1.4 | 0 |
| Lavatory | 1 | 0.7 | 0.7 |
| Dishwasher / Sink | 0 | 1.4 | 0 |
| Flush Tank Toilet | 1 | 2.2 | 2.2 |
| Clothes Washer | 0 | 1.4 | 0 |
| | | Total | 2.9 |
| | Units | FU/APT | Fixture Units |
| Offices | 6 | 2.9 | 17 |
| Total Fixture Units | | | 17 |
| GPM from Hunter Curve | | | 30 |
| Required Meter Size | | | 1" |

| | | |
|-------------------------|--------------------------|-------------------------|
| RNH 3/25/2021 | JRC 12/11/2020 | STA 3/26/2021 |
| CIVIL | SURVEY | ENGINEER |

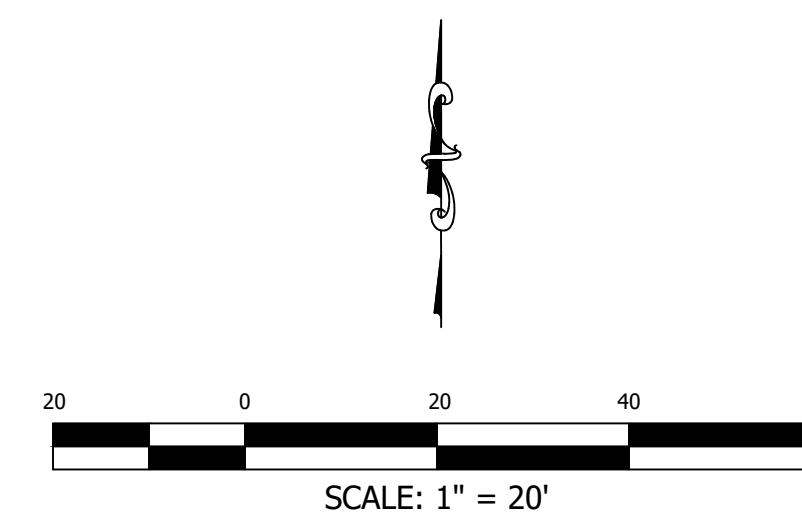
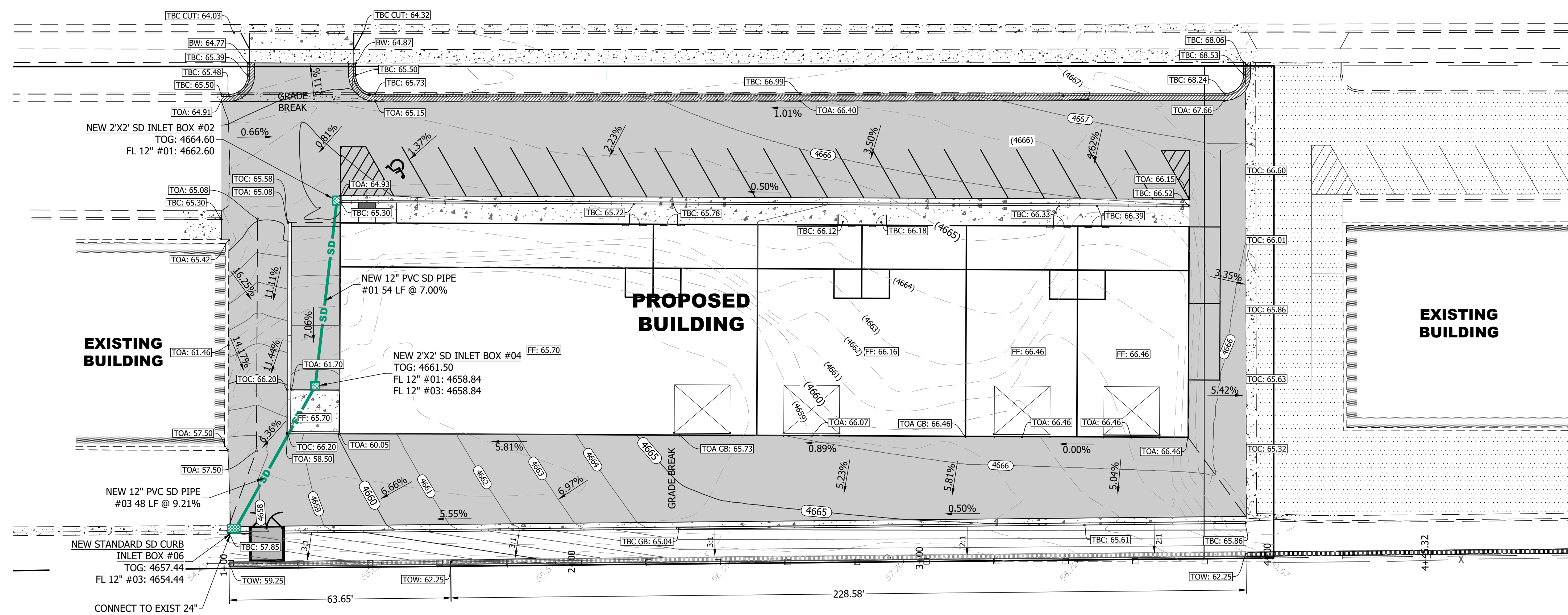
| REV # | BY | DATE |
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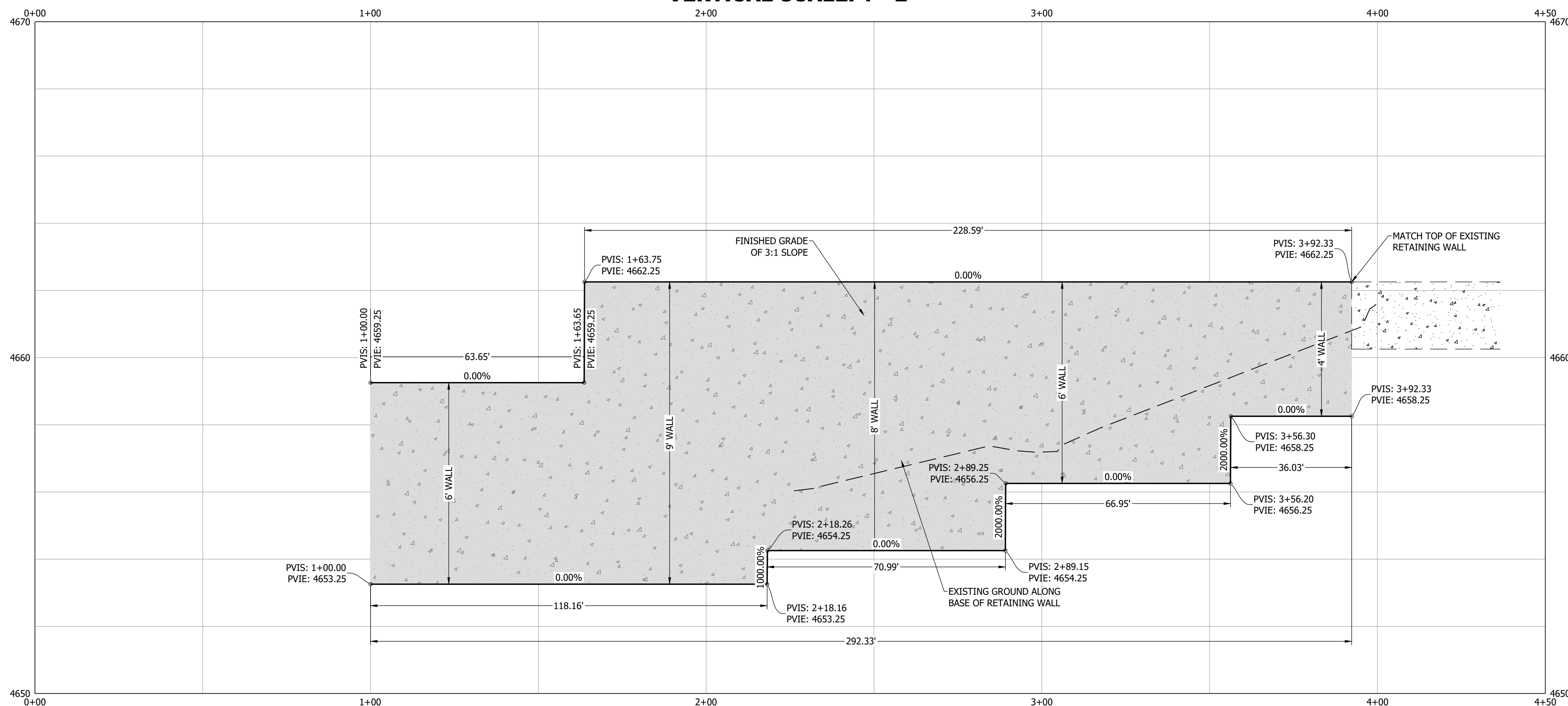
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2675 NORTH STREET



Retaining Wall
VERTICAL SCALE: 1"=2'



STA. 0+00 TO STA. 4+50

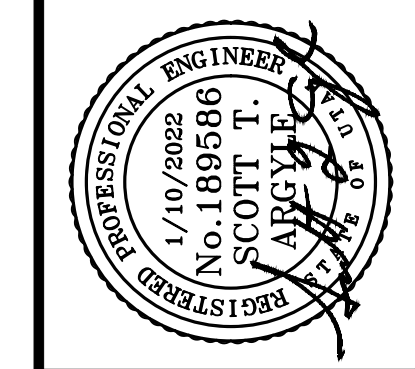
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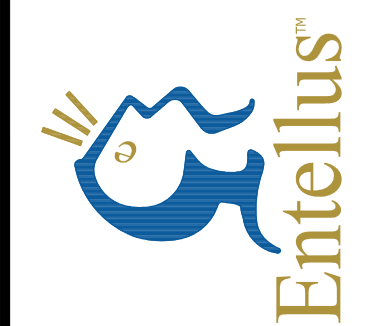
1807002

| | | | |
|-------------------|------|----|-------|
| CIVIL | DATE | BY | REV # |
| RNH 3/25/2021 | | | |
| JRC 12/11/2020 | | | |
| STA 3/26/2021 | | | |

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| DATE | BY | REV # |
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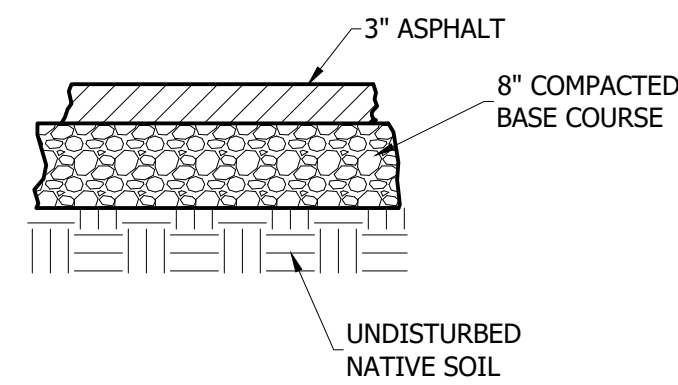


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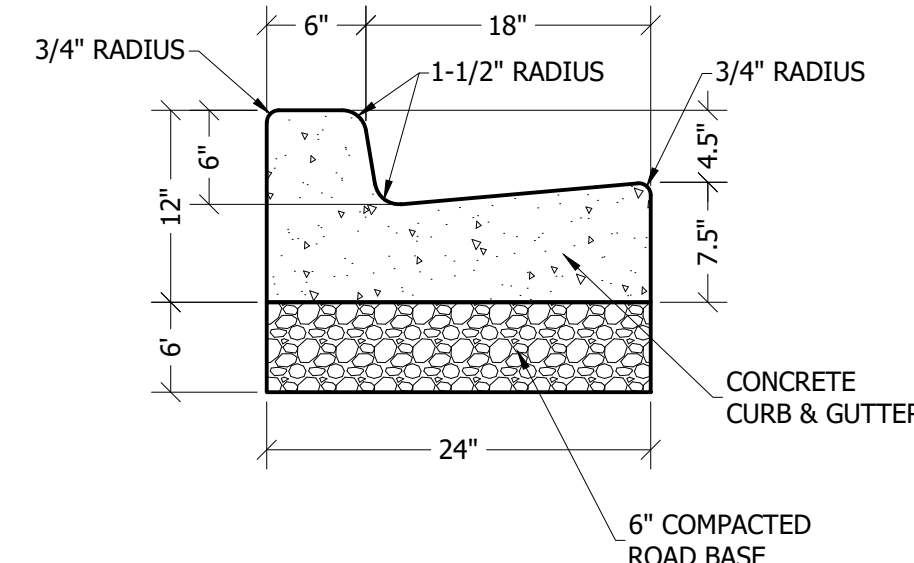
C700
RETAINING WALL
PROFILE

- NOTES
- ROAD BASE IS TO BE COMPACTED PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. IF NO SUCH RECOMMENDATIONS PERTAIN, COMPACT TO 95% AASHTO T-180 METHOD D.
 - PLACE MATERIAL PER APWA SECTION 32 05 10.



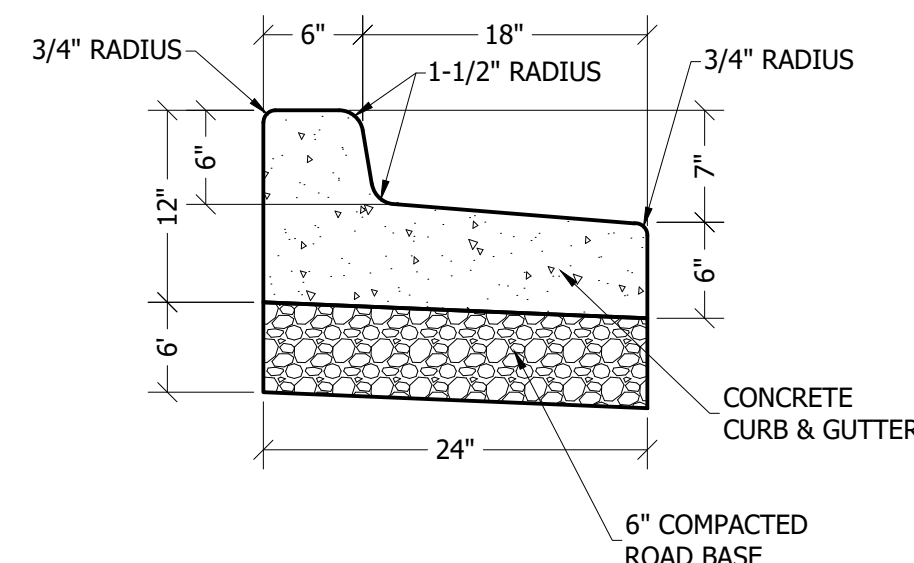
PRIVATE ASPHALT SECTION
C-1
C400 TYPICAL N.T.S.

- NOTES
- ROAD BASE IS TO BE COMPACTED PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. IF NO SUCH RECOMMENDATIONS PERTAIN, COMPACT TO 95% AASHTO T-180 METHOD D.
 - CONCRETE IS TO BE 4,000 PSI TEST.
 - CONTROL JOINTS AT 10' INTERVALS.
 - BITUMINOUS MATERIAL EXPANSION JOINTS ARE REQUIRED AT 50' INTERVALS.



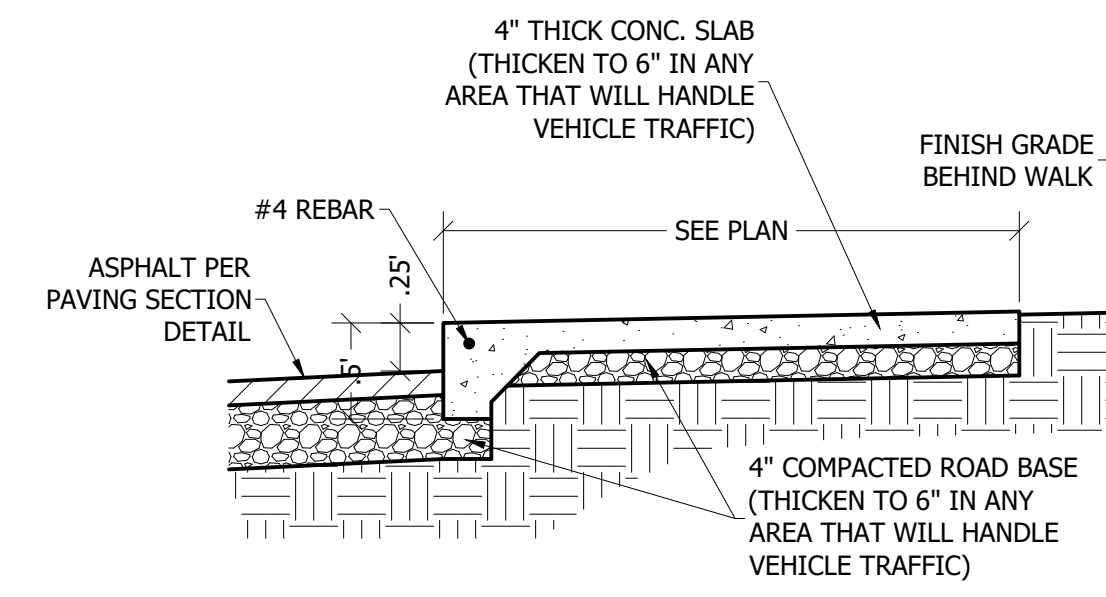
PRIVATE 24" CATCH CURB & GUTTER
C-2
C400 TYPICAL N.T.S.

- NOTES
- ROAD BASE IS TO BE COMPACTED PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. IF NO SUCH RECOMMENDATIONS PERTAIN, COMPACT TO 95% AASHTO T-180 METHOD D.
 - CONCRETE IS TO BE 4,000 PSI TEST.
 - CONTROL JOINTS AT 10' INTERVALS.
 - BITUMINOUS MATERIAL EXPANSION JOINTS ARE REQUIRED AT 50' INTERVALS.

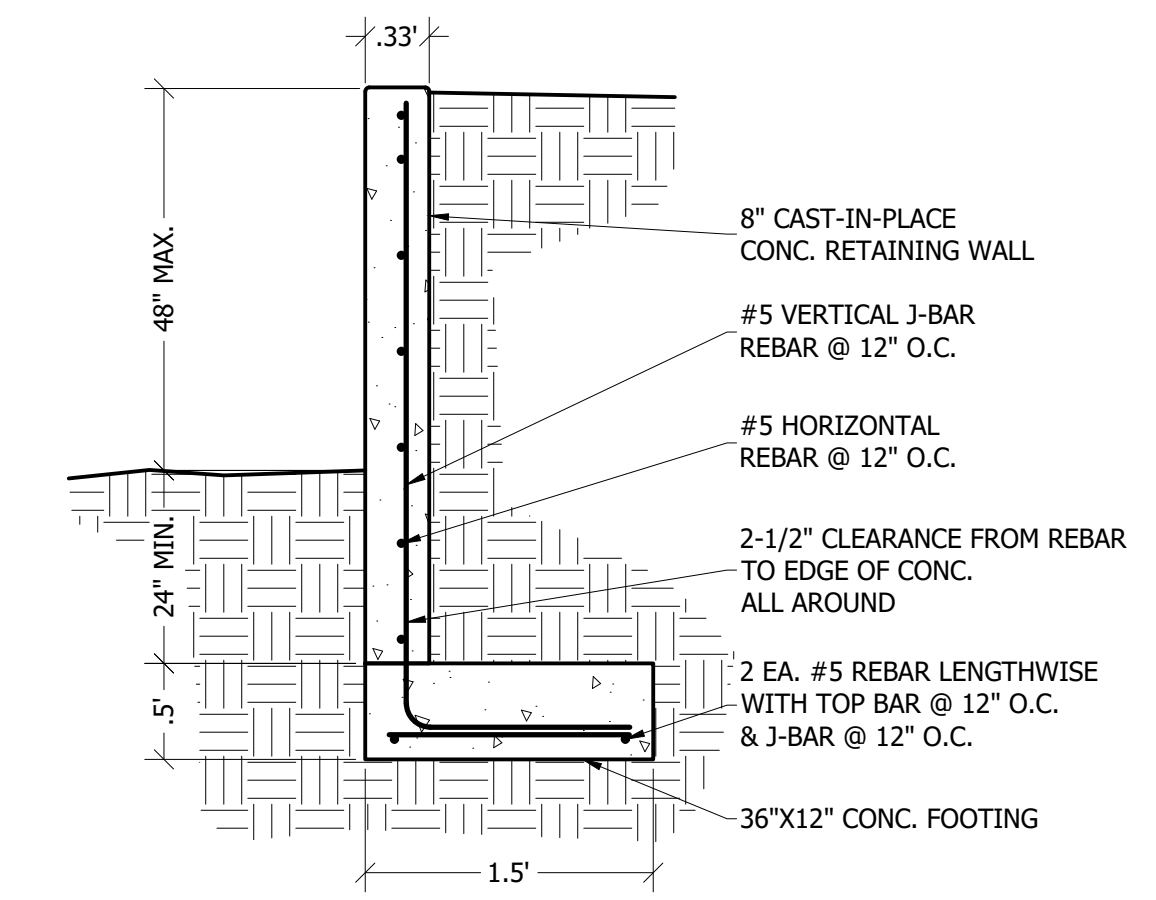


PRIVATE 24" RELEASE CURB & GUTTER
C-3
C400 TYPICAL N.T.S.

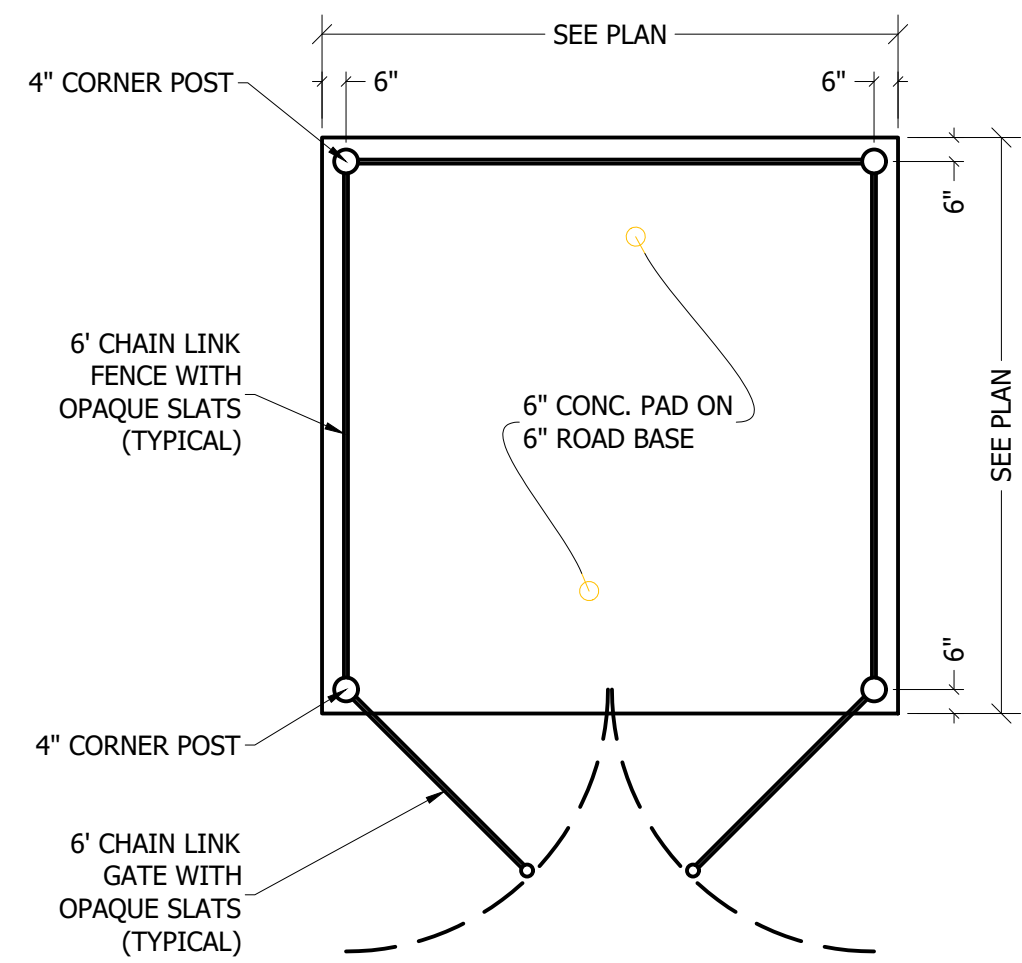
- NOTES
- ROAD BASE IS TO BE COMPACTED PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. IF NO SUCH RECOMMENDATIONS PERTAIN, COMPACT TO 95% AASHTO T-180 METHOD D.
 - CONCRETE IS TO BE 4,000 PSI TEST.
 - CONTROL JOINTS AT 5' INTERVALS.
 - BITUMINOUS MATERIAL EXPANSION JOINTS ARE REQUIRED AT 50' INTERVALS.
 - STEEL REINFORCEMENT IS TO BE DEFORMED GRADE 60 STEEL, GALVANIZED OR EPOXY COATED.



PRIVATE THICKENED EDGE SIDEWALK
C-4
C400 TYPICAL N.T.S.

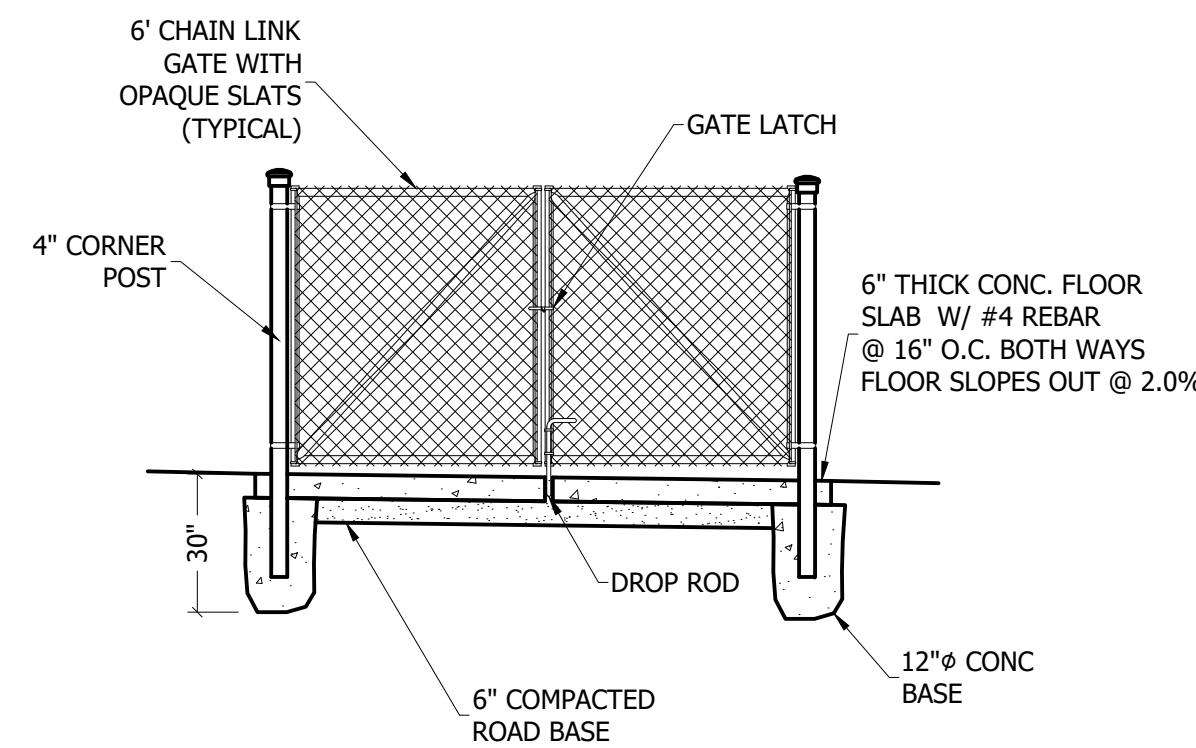


MINOR CONCRETE RETAINING WALL
R-1
C400 TYPICAL N.T.S.

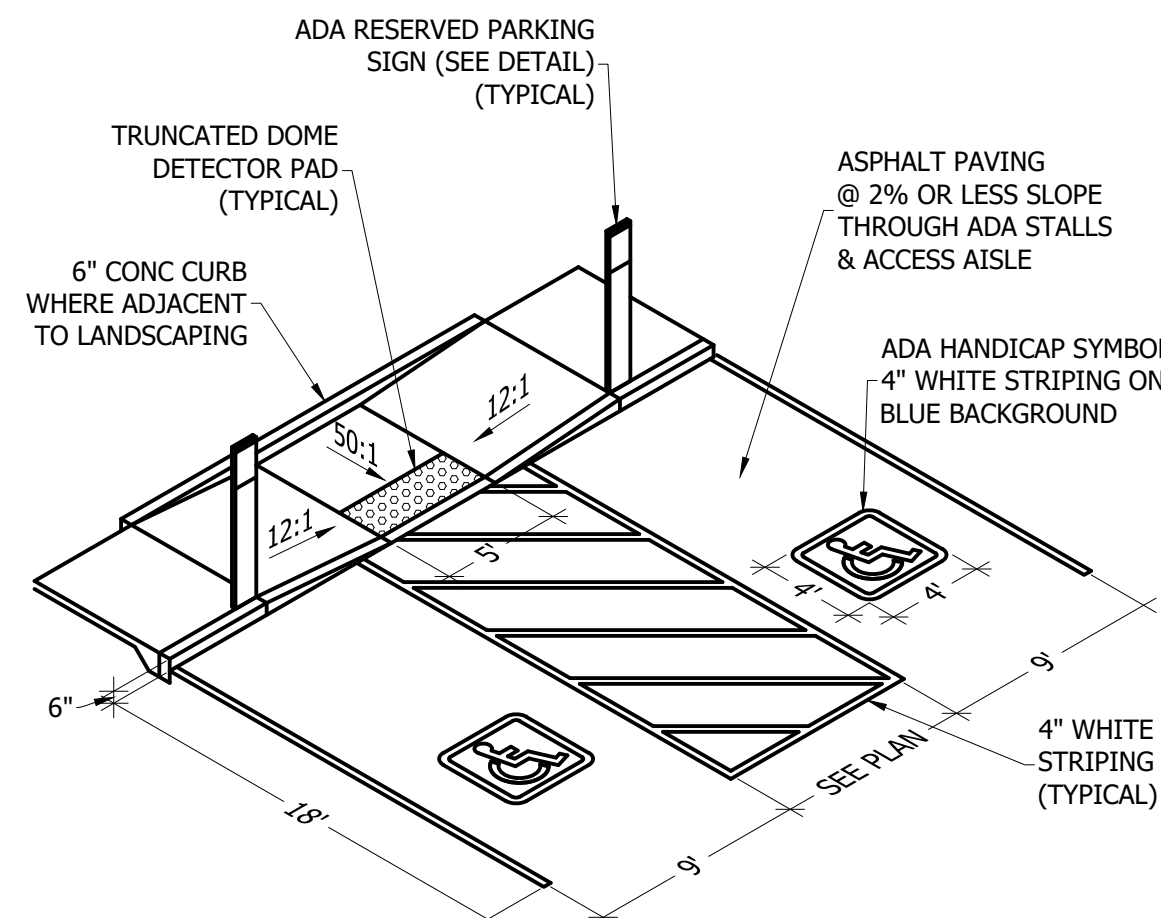


PLAN VIEW

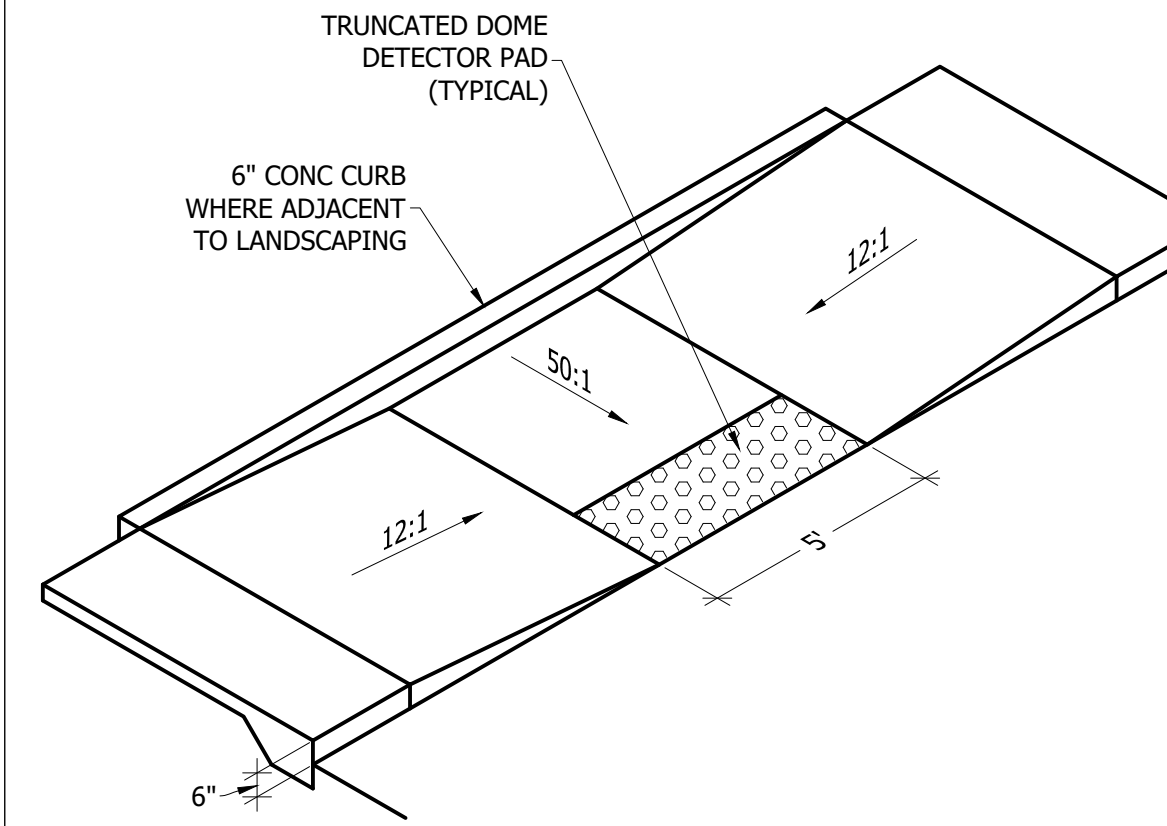
DUMPSTER ENCLOSURE
C-5
C400 TYPICAL N.T.S.



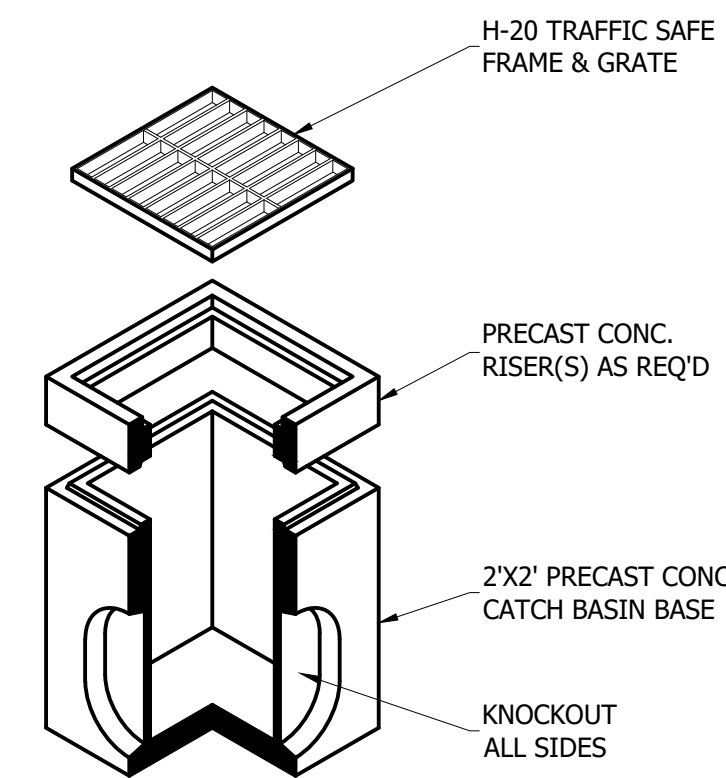
SECTION VIEW



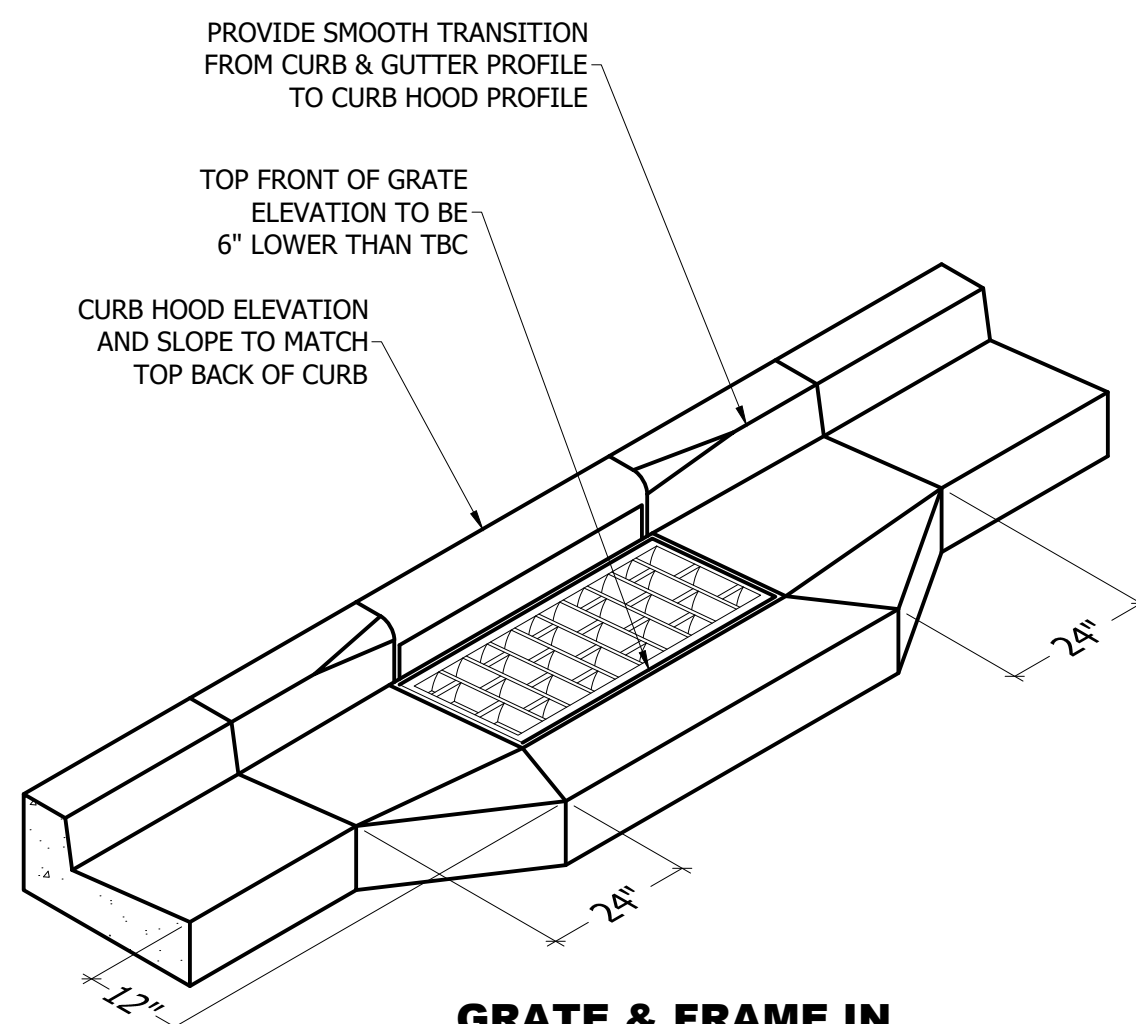
ADA ACCESSIBLE PARKING & RAMPS
A-1
C400 TYPICAL N.T.S.



ADA ACCESSIBLE RAMP
A-2
C400 TYPICAL N.T.S.

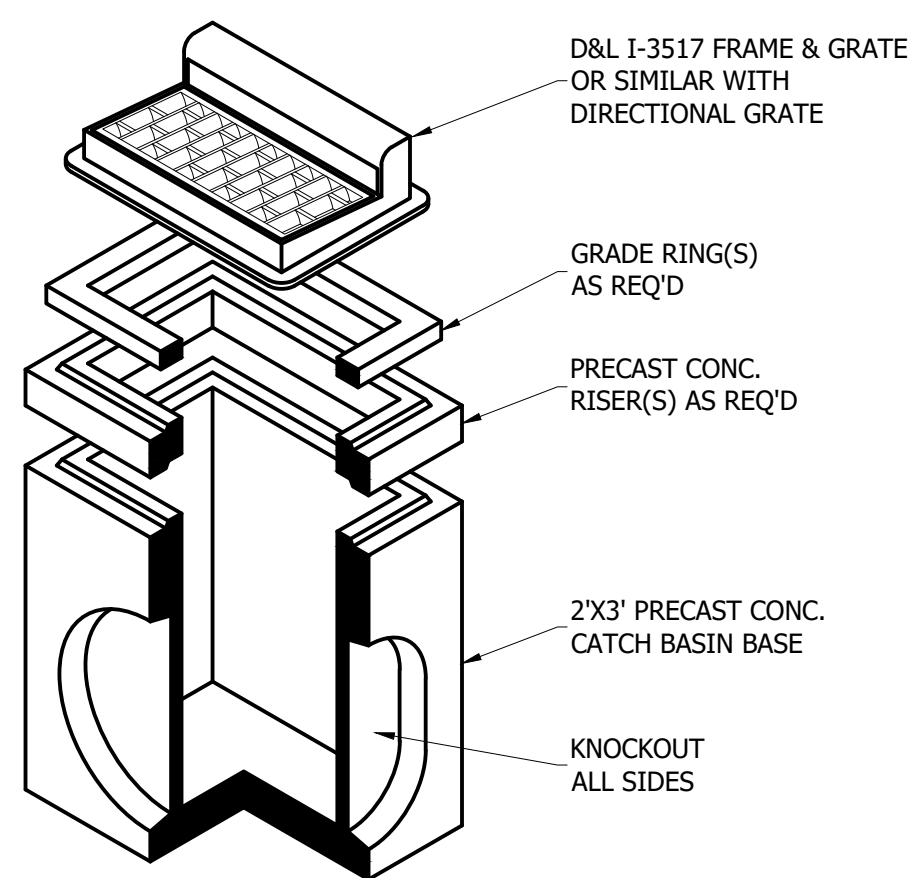


PRIVATE STORM DRAIN 2'X2' CATCH BASIN
SD-1
C600 TYPICAL N.T.S.



GRATE & FRAME IN CONCRETE CURB & GUTTER

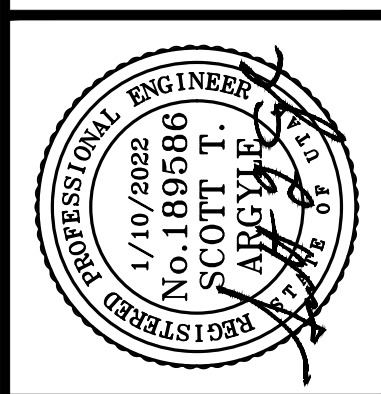
PRIVATE STORM DRAIN CURB INLET BOX
SD-2
C600 TYPICAL N.T.S.



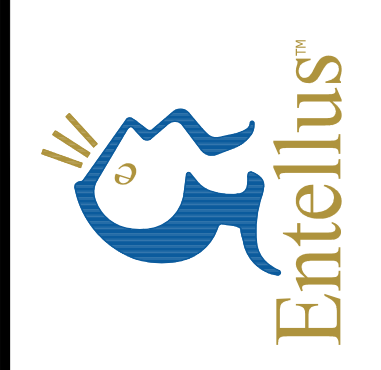
GRATE & FRAME WITH PRECAST CONCRETE BOX

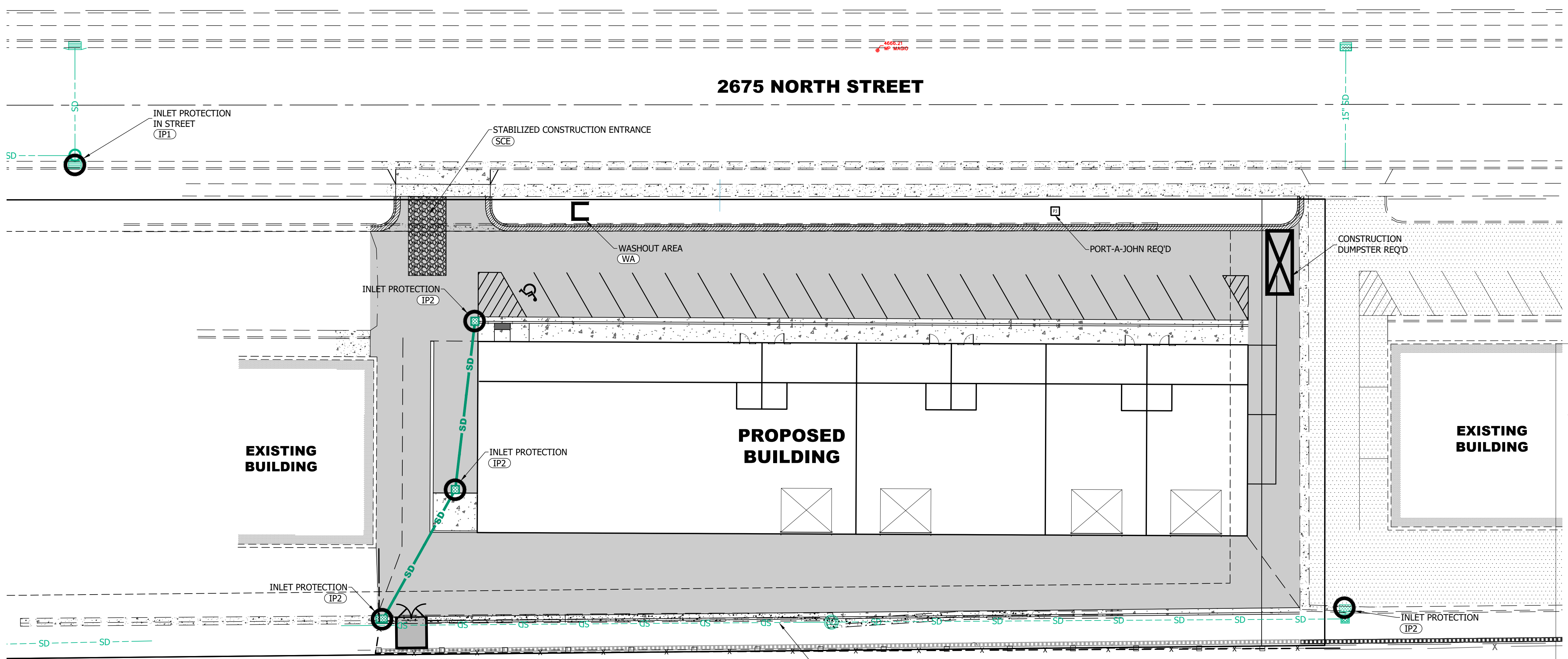
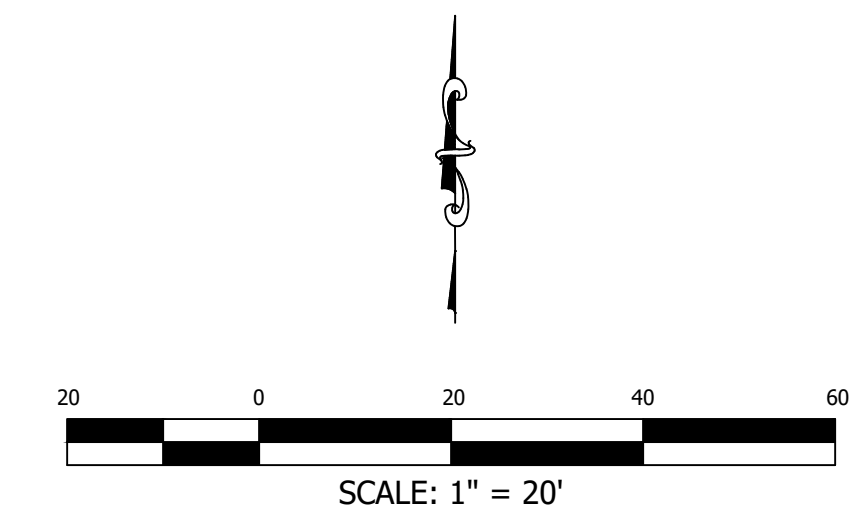
| | |
|----------|------------|
| CIVIL | DATE |
| RNH | 3/25/2021 |
| JRC | 12/11/2020 |
| STA | 3/26/2021 |
| SURVEY | |
| ENGINEER | |

| | | |
|-------|------|----|
| REV # | DATE | BY |
| | | |
| | | |

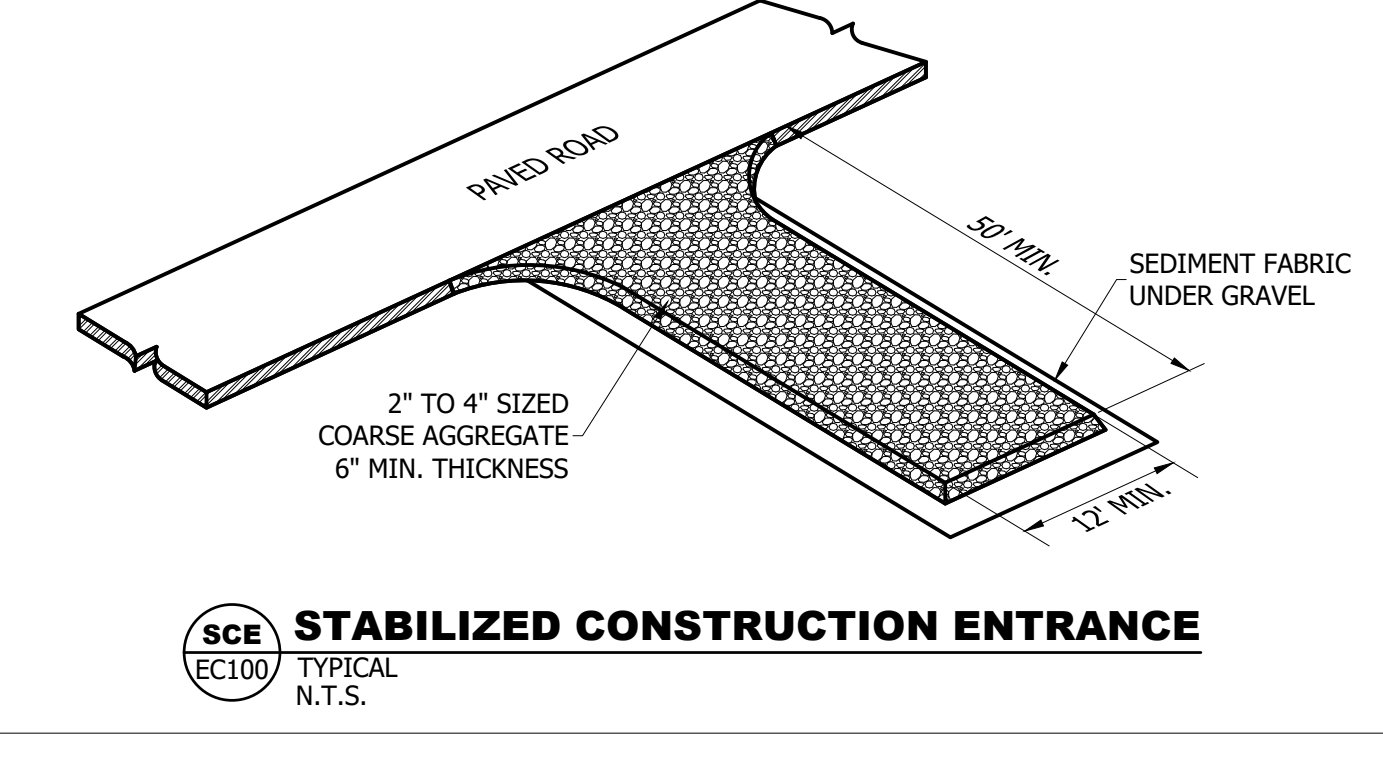
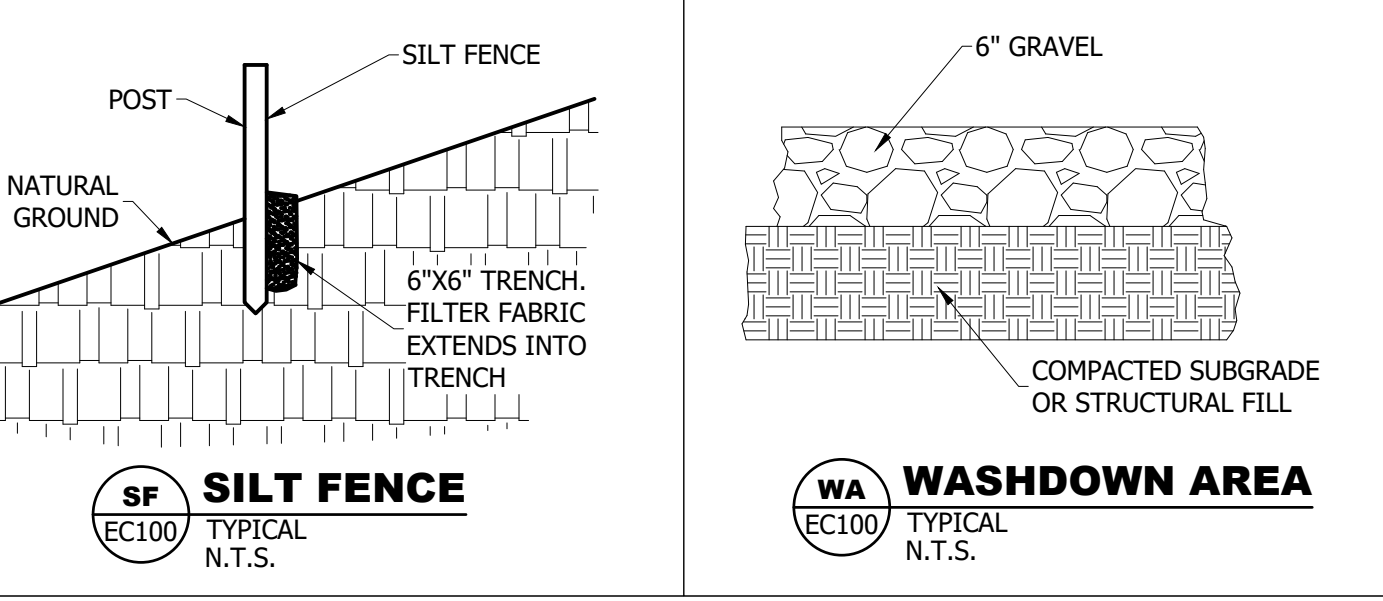
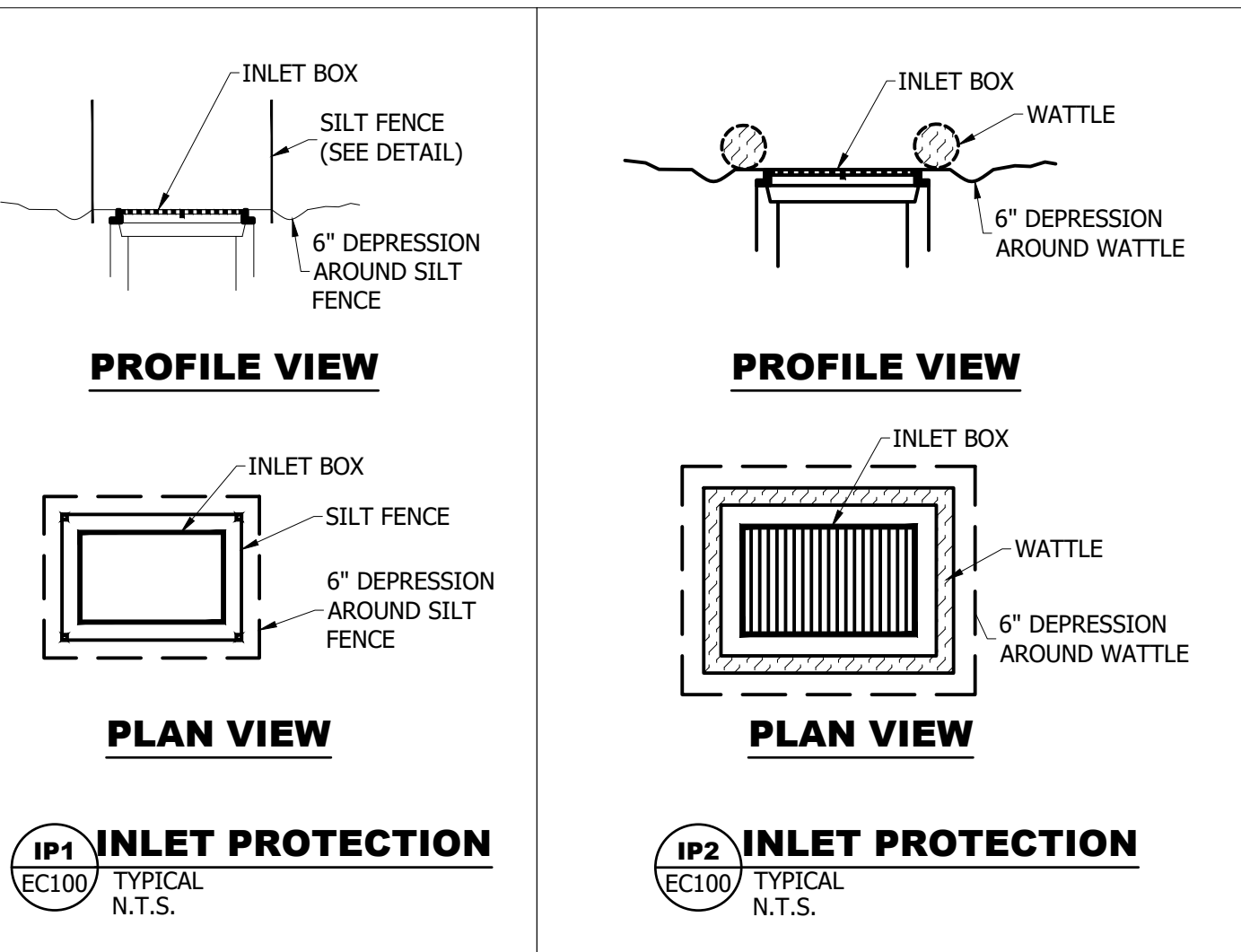


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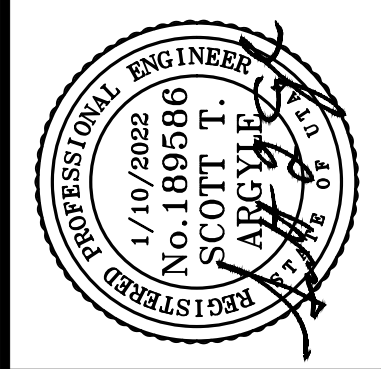




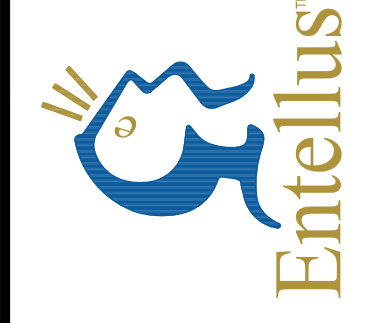
- ### CONSTRUCTION NOTES
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY LOCAL, STATE, AND FEDERAL PERMITS PRIOR TO COMMENCING CONSTRUCTION.
 2. CONTRACTOR TO MAINTAIN A COPY OF THE SWPPP ON SITE.
 3. CONTRACTOR TO INSPECT SITE TO ENSURE THE SWPPP IMPROVEMENTS ARE IN PLACE AND FUNCTIONAL.
 4. CONTRACTOR TO MAINTAIN TEMPORARY EROSION AND SEDIMENT CONTROLS AND HOUSEKEEPING MEASURES.
 5. ALL SOLID WASTE SHALL BE STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER SHALL MEET ALL STATE AND LOCAL WASTE MANAGEMENT REGULATIONS.
 6. ALL HAZARDOUS WASTE SHALL BE DISPOSED OF IN THE MANNER AS SPECIFIED BY THE MANUFACTURER AND STATE AND LOCAL REGULATIONS.
 7. A WASHOUT AREA SHALL BE CONSTRUCTED FOR THE TEMPORARY COLLECTION OF EXCESS CONCRETE AND NON-STORM WATER DISCHARGES FROM VEHICLE WASHING. THE CONCRETE WILL BE TAKEN TO THE CITY LANDFILL WITHIN 1 WEEK OF PLACING IN THE WASHOUT AREA.
 8. A STABILIZED CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED TO REDUCE VEHICLE TRACKING OF SEDIMENTS ONTO PUBLIC RIGHT OF WAYS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEP DAILY TO REMOVE EXCESS DIRT.
 9. INSPECTION SHALL BE MADE MONTHLY AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. ALL NON-STORM WATER FLOWS SHALL BE DIRECTED TOWARD THE WASHOUT AREA OR SEDIMENT BASIN. THE SWPPP WILL BE REVISED AS SITE CONDITIONS AND PROJECT WARRANTS.
 10. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND SWEEPING PUBLIC STREETS ON A DAILY BASIS, OR MORE IF NECESSARY.
 11. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ADEQUATE DUST CONTROL THROUGHOUT THE COURSE OF THE PROJECT.



| | | | |
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| CIVIL | RNH 3/25/2021 | JRC 12/11/2020 | STA 3/26/2021 |
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