

MCKINLEY ELEMENTARY SCHOOL PARKING AREAS EXPANSION AND IMPROVEMENT PROJECT

BOX ELDER COUNTY SCHOOL DISTRICT

MAY 2026



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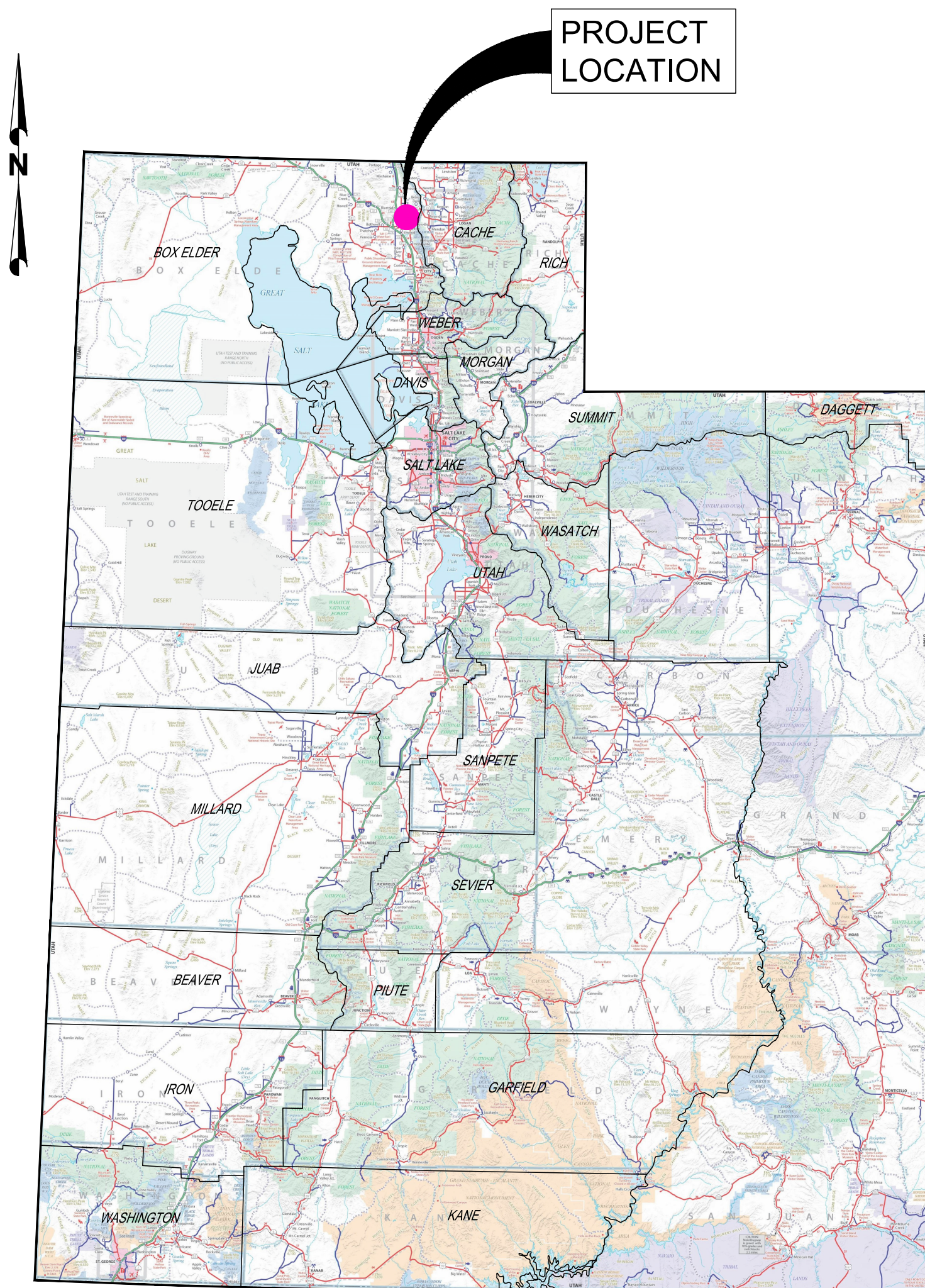
OWNER:

BOX ELDER SCHOOL DISTRICT
960 SOUTH MAIN
BRIGHAM CITY, UT 84302
(435) 734-4800

ENGINEER:

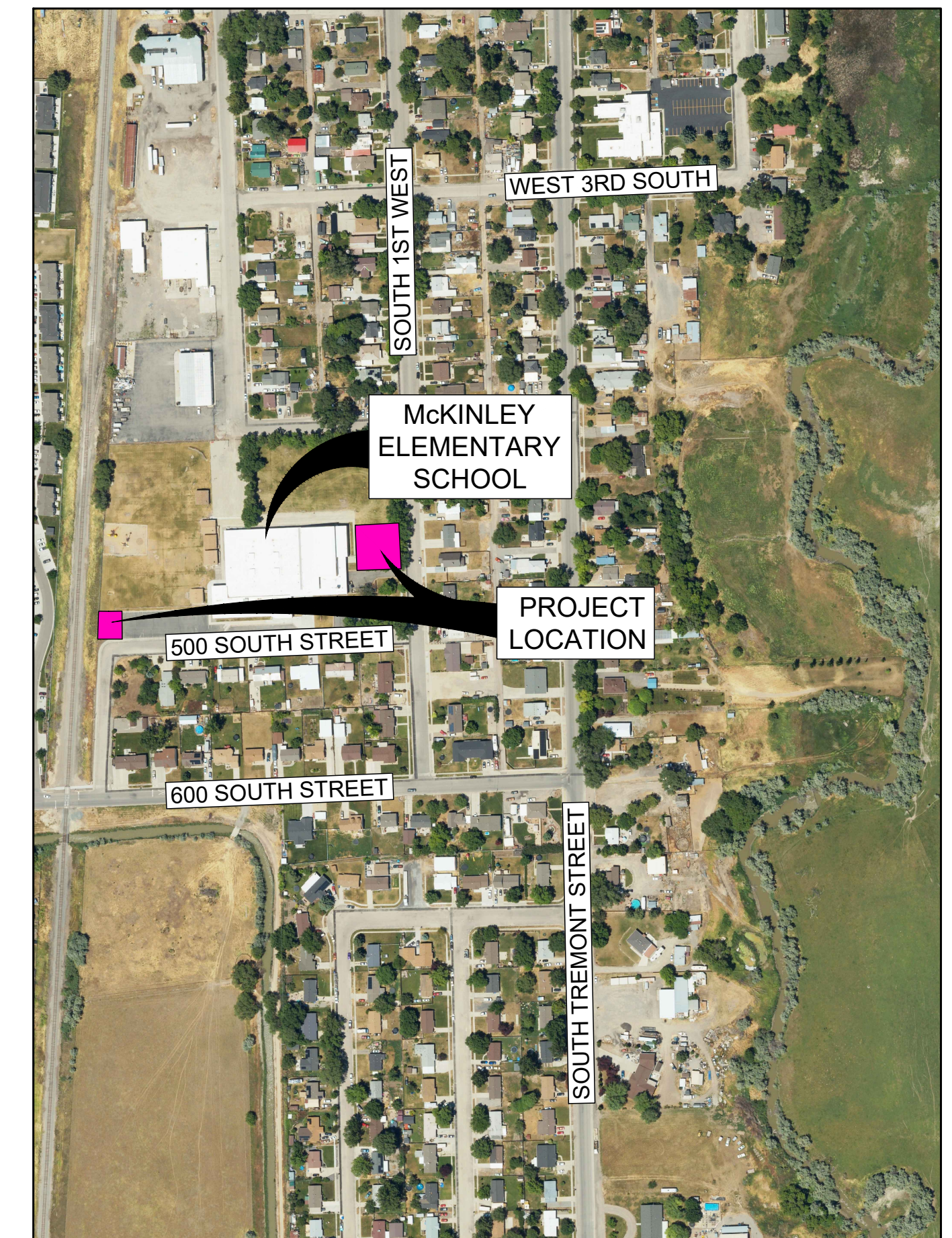
FORSGREN ASSOCIATES, INC
95 WEST 100 SOUTH, STE 115
LOGAN, UTAH 84321
TEL: (435) 227-0333

ALL IMPROVEMENTS NOT SPECIFICALLY COVERED HEREIN BY THE CONTRACT DOCUMENTS MUST MEET OR EXCEED THE CURRENT "APWA STANDARDS FOR PUBLIC WORKS CONSTRUCTION". WHERE IMPROVEMENTS ARE NOT COVERED BY THE CONTRACT DOCUMENTS, THE OWNER WILL BE THE SOLE JUDGE IN ESTABLISHING APPROPRIATE STANDARDS.



PROJECT AREA MAP

N.T.S.



PROJECT VICINITY MAP

N.T.S.

**DIG LINE
811**

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



95 WEST 100 SOUTH, STE. 115, LOGAN, UT 84321
PH: 435.227.0333 FAX: 435.227.0334

COMPLIANCE WITH GOVERNMENTAL REGULATIONS:

THE DEVELOPER/CONTRACTOR'S PERSONNEL, EQUIPMENT, AND OPERATIONS SHALL COMPLY FULLY WITH ALL APPLICABLE STANDARDS, REGULATIONS, AND REQUIREMENTS OF EXISTING FEDERAL, UTAH STATE, AND LOCAL GOVERNMENTAL AGENCIES. THIS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE FOLLOWING:

- UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS:** TITLE 29 OF THE CODE OF FEDERAL REGULATIONS, PART 1926 (29 CFR PART 1926), SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION.
- UTAH STATE INDUSTRIAL COMMISSION REGULATIONS:** THE UTAH OCCUPATIONAL SAFETY AND HEALTH ACT AND EMPLOYER-EMPLOYEE SAFE PRACTICES FOR EXCAVATIONS AND TRENCHING OPERATIONS (JAN. 1, 1974), AS PUBLISHED BY THE UTAH STATE INDUSTRIAL COMMISSION, INCLUDING ANY AND ALL AMENDMENTS OR REVISIONS EFFECTIVE PRIOR TO PERFORMANCE OF THE WORK.
- STANDARDS AND SPECIFICATIONS:** THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH ALL UTAH DIVISION OF FACILITIES AND CONSTRUCTION MANAGEMENT STANDARDS AND SPECIFICATIONS AND THE 2025 "MANUAL OF STANDARD SPECIFICATIONS" BY THE UTAH CHAPTER OF AMERICAN PUBLIC WORKS ASSOCIATION (APWA).
- PERMITS:** THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL REQUIRED BUSINESS LICENSES AND BUILDING PERMITS APPLICABLE TO THIS PROJECT. DEVELOPER/CONTRACTOR SHALL BE SUBJECT TO THE CONDITIONS OF ALL PERMITS AND AGREEMENTS BETWEEN THE OWNER AND THE PERMITTING AGENCIES.

FEDERAL, STATE, AND LOCAL INSPECTING AGENCIES:

THE SITE OF CONSTRUCTION IS TO BE OPEN AT ALL REASONABLE TIMES AND PLACES FOR PERIODIC OBSERVATION BY ACCREDITED REPRESENTATIVES OF THE FEDERAL, STATE, AND LOCAL AGENCIES WHO HAVE REGULATORY OR SUPERVISORY AUTHORITY OVER ANY PART OF THE WORK PROPOSED OR REGULATED THERETO.

PUBLIC SAFETY AND CONVENIENCE:

THE CONVENIENCE OF THE GENERAL PUBLIC AND THE PROTECTION OF PERSONS AND PROPERTY IS OF PRIME IMPORTANCE AND SHALL BE PROVIDED FOR BY THE CONTRACTOR DURING THIS PROJECT. THE DEVELOPER/CONTRACTOR SHALL USE EVERY REASONABLE PRECAUTION TO SAFEGUARD PERSONS AND PROPERTY. FAILURE OF THE OWNER OR THE PUBLIC WORKS REPRESENTATIVE/ENGINEER TO NOTIFY THE CONTRACTOR OF ANY DEFICIENCIES IN PROVIDING FOR PUBLIC SAFETY AND CONVENIENCE SHALL NOT RELIEVE THE CONTRACTOR FROM ITS RESPONSIBILITY. THE DEVELOPER/CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

WORKMANSHIP:

- THE CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PROJECT PLANS AND SPECIFICATIONS. THEREFORE, THE AGENCY IS RELYING UPON THE EXPERIENCE AND EXPERTISE OF THE CONTRACTOR TO EXECUTE THE WORK IN A GOOD AND WORKMANLIKE MANNER AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THE TRUE INTENT AND PURPOSE OF THE SAME.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH, ALL LAWS, ORDINANCES, BUILDING CODES, RULES AND REGULATIONS APPLYING TO THE WORK, INCLUDING, BUT NOT LIMITED TO, THE AMERICANS WITH DISABILITIES ACT, ENVIRONMENTAL REGULATIONS AND THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AS AMENDED. CONTRACTOR SHALL HAVE CONTROL OVER, AND BE SOLELY RESPONSIBLE FOR, ALL MEANS, METHODS AND SEQUENCES FOR PERFORMING THE WORK.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE 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 AGENCY AND 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 AGENCY OR THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL IMPROVEMENTS INSTALLED, ERECTED, AND/OR CONSTRUCTED UNDER THE AGREEMENT.

MATERIAL AND COMPACTION TESTING:

DURING THE COURSE OF THE WORK, A GEOTECHNICAL ENGINEER/TESTING COMPANY MAY PERFORM SUCH TESTS, IN ACCORDANCE WITH UTAH APWA SPECIFICATIONS, AS ARE REQUIRED TO IDENTIFY MATERIALS, TO DETERMINE GRADATION, TO DETERMINE COMPACTION CHARACTERISTICS, TO DETERMINE MOISTURE, TO DETERMINE DENSITY OF FILLS IN PLACE, TO DETERMINE CONCRETE STRENGTH, TO DETERMINE DENSITY AND MIXTURE OF ASPHALT. THESE TESTS WILL BE USED TO VERIFY THAT THE CONSTRUCTION CONFORMS TO THE REQUIREMENTS OF THE SPECIFICATIONS. SUCH TESTS ARE NOT INTENDED TO PROVIDE THE CONTRACTOR WITH THE INFORMATION REQUIRED BY IT FOR THE PROPER EXECUTION OF THE WORK AND THEIR PERFORMANCE SHALL NOT RELIEVE THE CONTRACTOR OF THE NECESSITY OF COMPLETING THE CONSTRUCTION IN ACCORDANCE WITH THESE SPECIFICATIONS AND STANDARD DRAWINGS.

RESTORATION OF SURFACE IMPROVEMENTS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND THE RESTORATION OR REPLACEMENT OF ANY IMPROVEMENTS EXISTING ON PUBLIC OR PRIVATE PROPERTY AT THE START OF WORK OR PLACED THERE DURING THE PROGRESS OF THE WORK.

EXISTING IMPROVEMENTS SHALL INCLUDE BUT NOT TO BE LIMITED TO PERMANENT SURFACING, CURBS, GUTTERS, SIDEWALKS, PLANTED AREAS, DITCHES, SWALES, DRIVEWAYS, CULVERTS, FENCES, AND WALLS. ALL EXISTING FEATURES, LANDSCAPING OR OTHER IMPROVEMENTS SHALL BE RECONSTRUCTED TO EQUAL OR BETTER, IN ALL RESPECTS, THAN THE EXISTING FEATURES, LANDSCAPING, OR IMPROVEMENTS REMOVED.

EARTHWORK AND GRADING

- CONTRACTOR SHALL PERFORM EARTHWORK AND GRADING ACTIVITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, APWA STANDARD SPECIFICATIONS, AND THE RECOMMENDED EARTHWORK SPECIFICATIONS FOUND IN THE REPORT OF THE GEOTECHNICAL INVESTIGATION STUDY COMPLETED BY GSH GEOTECHNICAL, INC. AS IT PERTAINS TO THE CONDITIONS OF THE EARTHWORK.
- ALL EARTHWORK SHALL BE PLACED AND COMPACTED AS OUTLINED IN THE CONTRACT DOCUMENTS AND GEOTECHNICAL REPORT.
- SOIL INVESTIGATIONS WERE CONDUCTED FOR DESIGN PURPOSES ONLY, AND THE DATA SHOWN IN THE REPORTS ARE FOR SUBSURFACE CONDITIONS FOUND AT THE TIME OF THE INVESTIGATION. THE OWNER AND ENGINEER DISCLAIM RESPONSIBILITY FOR THE INTERPRETATION BY THE CONTRACTOR OF DATA, SUCH AS PROJECTION OR EXTRAPOLATION, FROM THE TEST HOLES TO OTHER LOCATIONS ON THE SITE OF THE WORK, SOIL BEARING VALUES AND PROFILES, SOIL STABILITY AND THE PRESENCE, LEVEL AND EXTENT OF UNDERGROUND WATER FOR SUBSURFACE CONDITIONS DURING CONSTRUCTION OPERATIONS.

SUBGRADE PREPARATION:

THIS WORK SHALL CONSIST OF THE SHAPING AND COMPACTING OF THE SUBGRADE IN ACCORDANCE WITH THESE SPECIFICATIONS AND IN CONFORMITY WITH THE LINES AND GRADES SHOWN ON THE DRAWINGS.

AFTER THE REQUIRED EXCAVATION HAS BEEN COMPLETED, THE TOP 12 INCHES OF EXPOSED SURFACE SHALL BE SCARIFIED, BROUGHT TO OPTIMUM MOISTURE CONTENT, AND ROLLED WITH HEAVY COMPACTION EQUIPMENT TO OBTAIN 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY ASTM D 1557. THE FINISHED SUBGRADE SHALL BE EVEN, SELF-DRAINING, AND IN CONFORMANCE WITH THE SLOPE OF THE FINISHED PAVEMENT. AREAS THAT COULD ACCUMULATE STANDING WATER SHALL BE RE-GRADED TO PROVIDE A SELF-DRAINING SUBGRADE.

STRUCTURAL BACKFILL

STRUCTURAL BACKFILL SHALL CONSIST OF A REASONABLY CLEAN PIT RUN OR BANK RUN GRAVEL FREE FROM EXCESSIVE SILT, CLAY, OR CLAY BALLS. GRANULAR MATERIAL SHALL BE NOT LUMPY OR FROZEN, AND SHALL BE FREE FROM SLAG, CINDERS, ASHES, RUBBISH, OR OTHER MATERIAL THAT, IN THE OPINION OF THE ENGINEER, IS OBJECTIONABLE OR DELETERIOUS. IT SHALL HAVE SUCH CHARACTERISTICS OF SIZE AND SHAPE THAT IT WILL COMPACT READILY, AND THE MAXIMUM PARTICLE SIZE SHALL NOT EXCEED TWO-THIRDS (2/3) OF THE DEPTH OF THE LAYER BEING PLACED. GRANULAR MATERIAL SHALL BE FREE OF BOULDERS OR FLAT ROCKS LARGER THAN FIVE INCHES (5") IN DIAMETER, BE SUFFICIENTLY FREE OF SILT AND/OR CLAY, AND MEET THE FOLLOWING GRADATIONS:

Sieve	Total Percent Passing
2-1/2	100
1 inch	70-100
No. 4 (3/16)	25-100
No. 40	10-50
No. 200	5-15

THE STRUCTURAL BACKFILL MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D 1557 - TEST METHOD FOR LABORATORY COMPACTION CHARACTERISTICS OF SOILS USING MODIFIED PROCTOR (56,000 FT - LBF/FT³) (2,700 KN-M/M³) FOR ALL SOIL TYPES. WHERE AGENCY OR UTILITY COMPANY REQUIREMENTS GOVERN, THE HIGHEST COMPACTION STANDARDS SHALL APPLY.

UNTREATED BASE COURSE:

UNTREATED BASE COURSE (TYPE G); AGGREGATE BASE COURSE, SHALL CONSIST OF HARD, DURABLE PARTICLES OF FRAGMENTS OF STONE OR GRAVEL, SCREENED OR CRUSHED TO REQUIRED SIZE AND GRADING AND FREE FROM VEGETABLE MATTER, LUMPS OR BALLS OF CLAY, ALKALI, ADOBE, OR OTHER DELETERIOUS MATTER. MATERIALS DERIVED FROM PROCESSING DEMOLISHED OR REMOVED ASPHALT CONCRETE ARE NOT ACCEPTABLE UNLESS OTHERWISE APPROVED BY THE OWNER.

UNTREATED BASE COURSE SHALL BE DEPOSITED AND SPREAD IN A UNIFORM LAYER, WITHOUT SEGREGATION OF SIZE, WITH SUCH DEPTH THAT WHEN COMPACTED THE LAYER WILL HAVE THE REQUIRED THICKNESS AS SHOWN IN THE DRAWINGS. EACH LAYER SHALL BE COMPACTED FOR THE FULL WIDTH AND DEPTH. ALTERNATE BLADING AND ROLLING WILL BE REQUIRED TO PROVIDE A SMOOTH, EVEN AND UNIFORMLY COMPACTED COURSE TRUE TO CROSS SECTION AND GRADE. PLACES INACCESSIBLE TO ROLLING SHALL BE COMPACTED WITH MECHANICALLY OPERATED HAND TAMPERS.

THE UNTREATED BASE COURSE SHALL BE COMPACTED TO NOT LESS THAN 96% MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-180.

BITUMINOUS ASPHALT CEMENT PAVEMENT:

CONTRACTOR SHALL PLACE AND COMPACT A HOT-MIX ASPHALT SURFACE COURSE OVER THE FINISHED BASE COURSE MATERIAL. THE BITUMINOUS BINDER TYPE MATERIAL FOR THE SURFACE COURSE SHALL BE "PG58-28" ASPHALT CEMENT CONFORMING TO THE REQUIREMENTS OF AMERICAN SOCIETY FOR TESTING AND MATERIALS AND THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) FOR THE SAME IN ACCORDANCE WITH UTAH APWA STANDARDS AND SPECIFICATIONS. THE BITUMINOUS SURFACE COURSE SHALL BE PLACED AND COMPACTED ON THE PREPARED BASE IN CONFORMANCE WITH THE LINES AND DIMENSIONS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH THESE SPECIFICATIONS.

PORTLAND CEMENT CONCRETE PAVEMENT:

CONTRACTOR SHALL EXCAVATE, PREPARE, FORM, SET, AND PLACE PORTLAND CEMENT CONCRETE PAVEMENT TO A THICKNESS OF 5" (UNLESS OTHERWISE NOTED) IN ALL FLATWORK AREAS WHERE SHOWN; AND, SHALL FINISH AND APPLY A CURE-ALL COMPOUND, AND PROVIDE CONSTRUCTION JOINTS AND/OR CONTROL JOINTS IN ACCORDANCE WITH APWA STANDARDS AND SPECIFICATIONS. ALL CAST-IN-PLACE PORTLAND CEMENT CONCRETE SHALL BE 5-1/2 SACK MIX HAVING A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI (4"±1 SLUMP, 5%±1 AIR ENTRAINMENT).

EROSION CONTROL GENERAL NOTES:

- CONTRACTOR TO VERIFY ALL CONDITIONS AS PERTAINING TO THIS PLAN AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
- CONTRACTOR SHALL REPAIR ALL DAMAGES CAUSED BY CONSTRUCTION OPERATIONS (WHICH MAY OCCUR ON OR OFF SITE) TO THE ENGINEER'S AND OWNER'S SATISFACTION.
- TOPSOIL SHALL BE STRIPPED FROM CONSTRUCTION AREAS AND STOCKPILED ON SITE OR REMOVED AS PER THE OWNER'S DIRECTION.
- WATTLERS OR OTHER APPLICABLE BMP'S ARE TO BE USED FOR EROSION CONTROL DURING THE COURSE OF CONSTRUCTION. NO SEDIMENT LADEN RUNOFF IS ALLOWED TO LEAVE THE CONSTRUCTION SITE. THE CONTRACTOR, THEREFORE, SHALL BE RESPONSIBLE FOR CLEANUP OF ANY MATERIAL THAT LEAVES THE SITE.
- CONTRACTOR SHALL PROVIDE TEMPORARY STABILIZATION OF DISTURBED AREAS AS NEEDED TO PREVENT EROSION PRIOR TO FINAL GRADING AND STABILIZATION.
- LIMITS OF DISTURBANCE ARE GENERALLY LIMITED TO THE SITE BOUNDARY EXCEPT AS REQUIRED IN/AROUND EXISTING PAVED STREETS FOR UTILITY AND SERVICE CONNECTIONS. AREAS DISTURBED WITHIN THE SITE BOUNDARY ARE TO BE AS NEEDED FOR THE PROCESS OF CONSTRUCTION AS INDICATED IN THE CONSTRUCTION PLANS.
- CONTRACTOR SHALL PROVIDE FINAL STABILIZATION AND/OR VEGETATION IN A REASONABLE TIME PERIOD FOR AREAS AS THEY ARE BROUGHT TO FINAL GRADE.
- CONTRACTOR SHALL PREPARE FOR SITE PAVING AND RESTORE INLET PROTECTION AND/OR CONVEYANCE STRUCTURES AFTER PAVING.
- CONTRACTOR SHALL SWEEP PROJECT SITE DAILY AND AT OTHER TIMES AS NECESSARY.
- DEBRIS AND GARBAGE AND/OR OTHER DELETERIOUS MATERIALS SHALL BE CONTAINED AND GATHERED DAILY AND AT OTHER TIMES AS NECESSARY.
- CONTRACTOR SHALL MAINTAIN BMP'S UNTIL THE SITE IS FULLY STABILIZED AND APPROVED BY THE CITY OF LOGAN FOR BMP REMOVAL.

PAVEMENT STRIPING

ALL PAINT USED FOR STRIPING SHALL BE ACRYLIC WATER BASED PAINT OF THE 2025 APWA SPECIFIED PIGMENT PER SAID STANDARDS WITH REFLECTORIZED BEADS. APPLICATION RATES ARE AS DEFINED BY APWA STANDARDS.

DUST CONTROL

THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE DUST CONTROL, PAVEMENT CLEANING, AND SWEEPING OPERATIONS FOR THE DURATION OF THE PROJECT. DUST CONTROL AND PAVEMENT SWEEPING SHALL BE PROVIDED DAILY AT THE END OF EACH WORK DAY, UNLESS OTHERWISE APPROVED BY THE AGENCY. DUST CONTROL AND SWEEPING SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND WILL NOT BE PAID UNDER A SEPARATE BID ITEM.

PLANS AND SPECIFICATIONS:

- ANY AMBIGUITIES OR CONFLICTS IDENTIFIED BY THE CONTRACTOR, CONTRACTOR'S REPRESENTATIVE, OWNER, OR DEPARTMENT OF FACILITIES AND CONSTRUCTION MANAGEMENT (DFCM) SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
- IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND ORDINARY FOR PROPER COMPLETION OF THE WORK PROPOSED HEREIN AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE.
- WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT 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.

GRADING AND DRAINAGE CONSTRUCTION NOTES:

- ALL PROPOSED SITE FEATURES SHALL BE LAID OUT AND STAKED FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF

INSTALLATION. ANY REQUIRED ADJUSTMENTS TO THE LAYOUT SHALL BE UNDERTAKEN AS DIRECTED, AT NO ADDITIONAL COST TO THE OWNER.

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
- NO CONSTRUCTION WILL BE PERFORMED WITHOUT THE PROPOSED CONSTRUCTION BASELINES AND LAYOUTS BEING STAKED IN THE FIELD BY FORESIGHT LAND SURVEYING, INC. (435-753-1910) AND THE SAME BEING APPROVED BY OWNER AND ENGINEER.
- PRIOR TO THE PLACEMENT OF FLOOR SLABS, FOUNDATIONS, STRUCTURAL SITE GRADING FILLS, EXTERIOR FLATWORK, AND/OR PAVEMENTS, THE EXPOSED SUBGRADE MUST BE SCARIFIED AND PROOF ROLLED BY PASSING MODERATE-WEIGHT RUBBER TIRE-MOUNTED CONSTRUCTION EQUIPMENT OVER THE SURFACE AT LEAST TWICE FOR EVALUATION OF THE SUBGRADE BY OWNER'S GEOTECHNICAL ENGINEER.
- IF EXCESSIVELY SOFT OR OTHERWISE UNSUITABLE SOILS ARE ENCOUNTERED BENEATH THE PROPOSED FOOTINGS, THEY SHALL BE COMPLETELY REMOVED. IF THE REMOVAL DEPTH REQUIRED IS GREATER THAN 2 FEET BELOW PROPOSED FOOTINGS, OWNER'S GEOTECHNICAL ENGINEER MUST BE NOTIFIED TO PROVIDE FURTHER RECOMMENDATIONS.
- ALL BACKFILL MATERIALS SHALL BE PLACED AND COMPACTED AS SPECIFIED TO THE SUBGRADE REQUIRED FOR THE INSTALLATION OF THE REMAINDER OF THE CONTRACT WORK IN ACCORDANCE WITH APWA STANDARDS AND SPECIFICATIONS.
- ALL PROPOSED PAVEMENTS SHALL MEET THE LINE AND GRADE OF EXISTING ADJACENT PAVEMENT SURFACES.
- ALL CONCRETE WALKWAYS ADJACENT TO STRUCTURES SHALL BE SLOPED AWAY FROM THE SAID STRUCTURE AT A TWO-PERCENT (2%) MINIMUM SLOPE.

FINISHED GRADING, TOPPING, AND LANDSCAPING:

- WHERE NEW EARTHWORK MEETS EXISTING EARTHWORK, CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDS AT ALL TOP AND BOTTOM OF SLOPES.
- CONTRACTOR SHALL FINE GRADE THE SITE TO LINES, GRADES, AND ELEVATIONS SHOWN HEREON. WHERE A SPECIFIC LIMIT OF WORK LINE IS NOT OBVIOUS OR IMPLIED, CONTRACTOR SHALL BLEND GRADES AND MATERIALS TO MATCH AND MEET EXISTING CONDITIONS.
- CONTRACTOR SHALL RESTORE GROUND SURFACE AROUND NEW IMPROVEMENTS BEGINNING FROM ITS PERIMETER AND EXTENDING THEREFROM 8' WITH 5" OF LOAM TOPSOIL. CONTRACTOR SHALL RAKE AND WORK TOPSOIL IN ORDER TO FORM A SMOOTH AND FINISHED GRADE FREE FROM ROUGHNESS, BUMPS, RIDGES OR IRREGULARITIES AND APPLY THEREON A "TURF MIX", OR OTHER BECSD APPROVED SEED MIX, ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

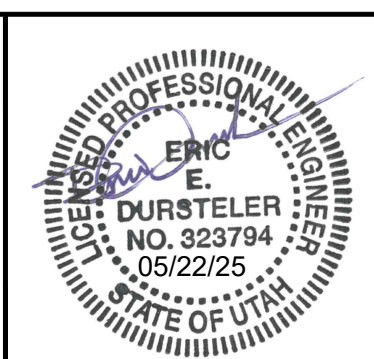
GENERAL LEGEND

—————	CENTERLINE OF IMPROVEMENT	—————	EDGE OF NEW PAVEMENT
—————	EDGE OF EXISTING PAVEMENT	—————	NEW CONTOUR LINE
-----	EXISTING CONTOUR LINE	- - - - -	NEW DITCH/SWALE
- - - - -	EXISTING DITCH	— x —	NEW FENCE LINE
— x —	EXISTING FENCE LINE	— e —	NEW ELECTRIC/POWER LINE
— — — e —	EXISTING ELECTRIC/POWER LINE	— w e —	NEW WATER LINE
— — — w e —	EXISTING WATER LINE	⊕	NEW WATER METER
⊕	EXISTING WATER METER	⊕	NEW WATER VALVE
⊕	EXISTING WATER VALVE	⊕	NEW FIRE HYDRANT
⊕	EXISTING FIRE HYDRANT	— s 4 —	NEW SEWER LINE
— — — s 8 —	EXISTING SEWER LINE	⊕	NEW SEWER MANHOLE
⊕	EXISTING SEWER MANHOLE	FG	FINISHED GRADE
FG	FINISHED GRADE	TC	TOP OF CONCRETE
TC	TOP OF CONCRETE	TA	TOP OF ASPHALT
TA	TOP OF ASPHALT	N	NORTHING
N	NORTHING	E	EASTING
E	EASTING		

NO.	REVISIONS	BY	DATE
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AN APEX COMPANY

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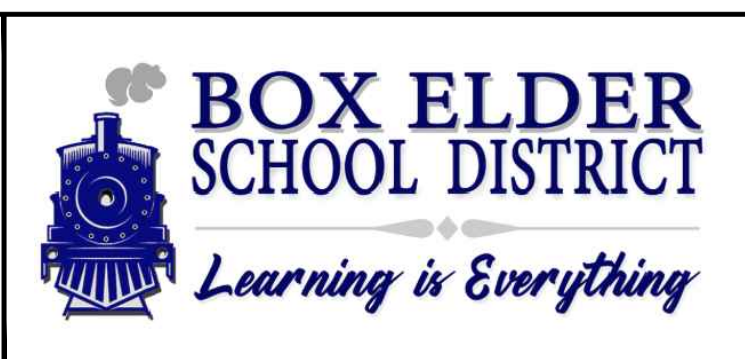


DRAWN	_____
DESIGNED	_____
APPROVED	_____
QA	_____

ATTENTION

LINE IS 1-INCH
←————→
AT 22" x 34" SIZE

IF NOT 2-INCHES,
SCALE DRAWING ACCORDINGLY



BOX ELDER SCHOOL DISTRICT

960 SOUTH MAIN
BRIGHAM CITY, UT 84302
(435) 734-4800

811

Know what's below.
Call before you dig.

MCKINLEY ELEMENTARY SCHOOL
PARKING AREAS EXPANSION AND IMPROVEMENT PROJECT

GENERAL NOTES & SPECIFICATIONS

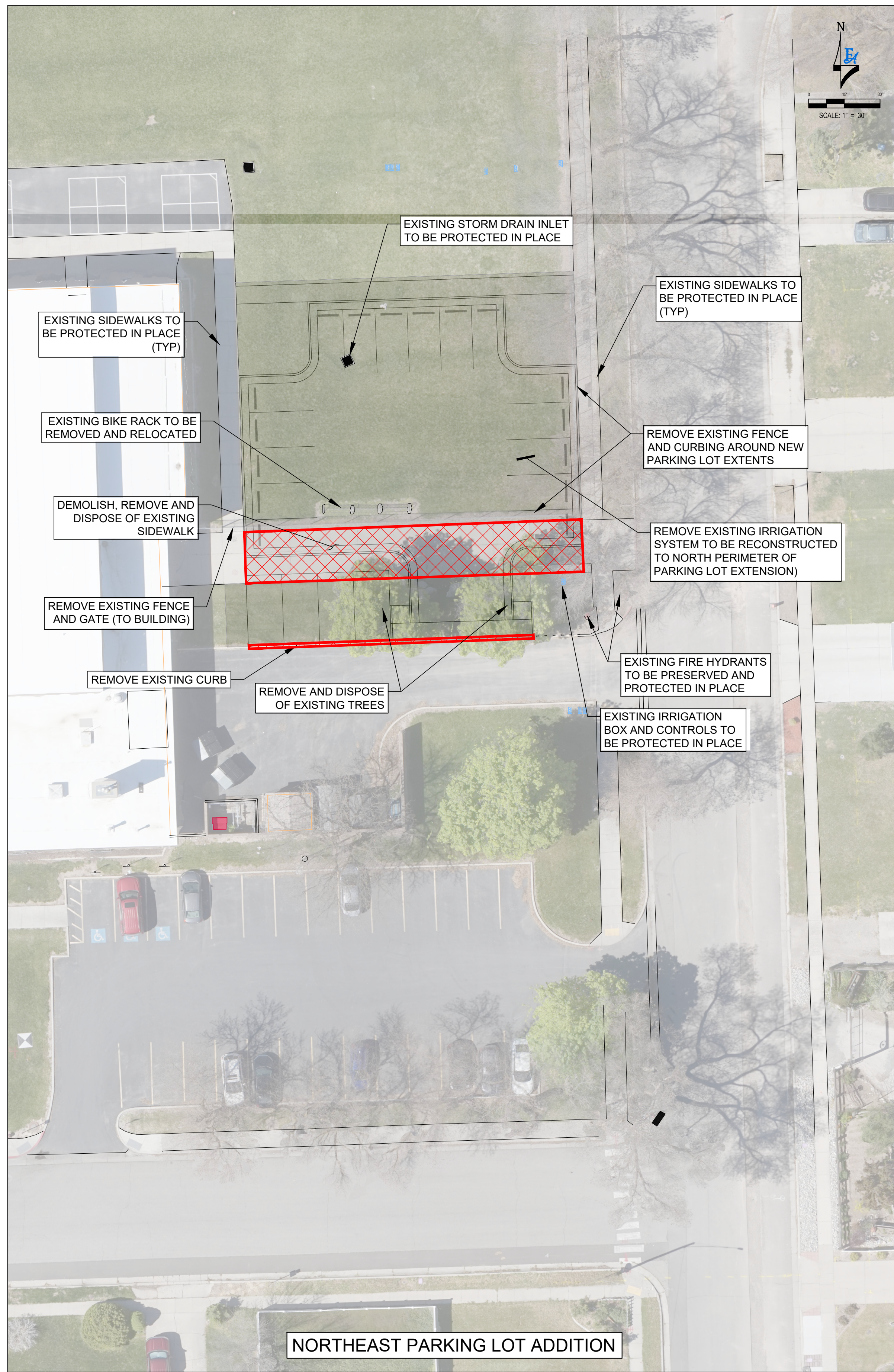
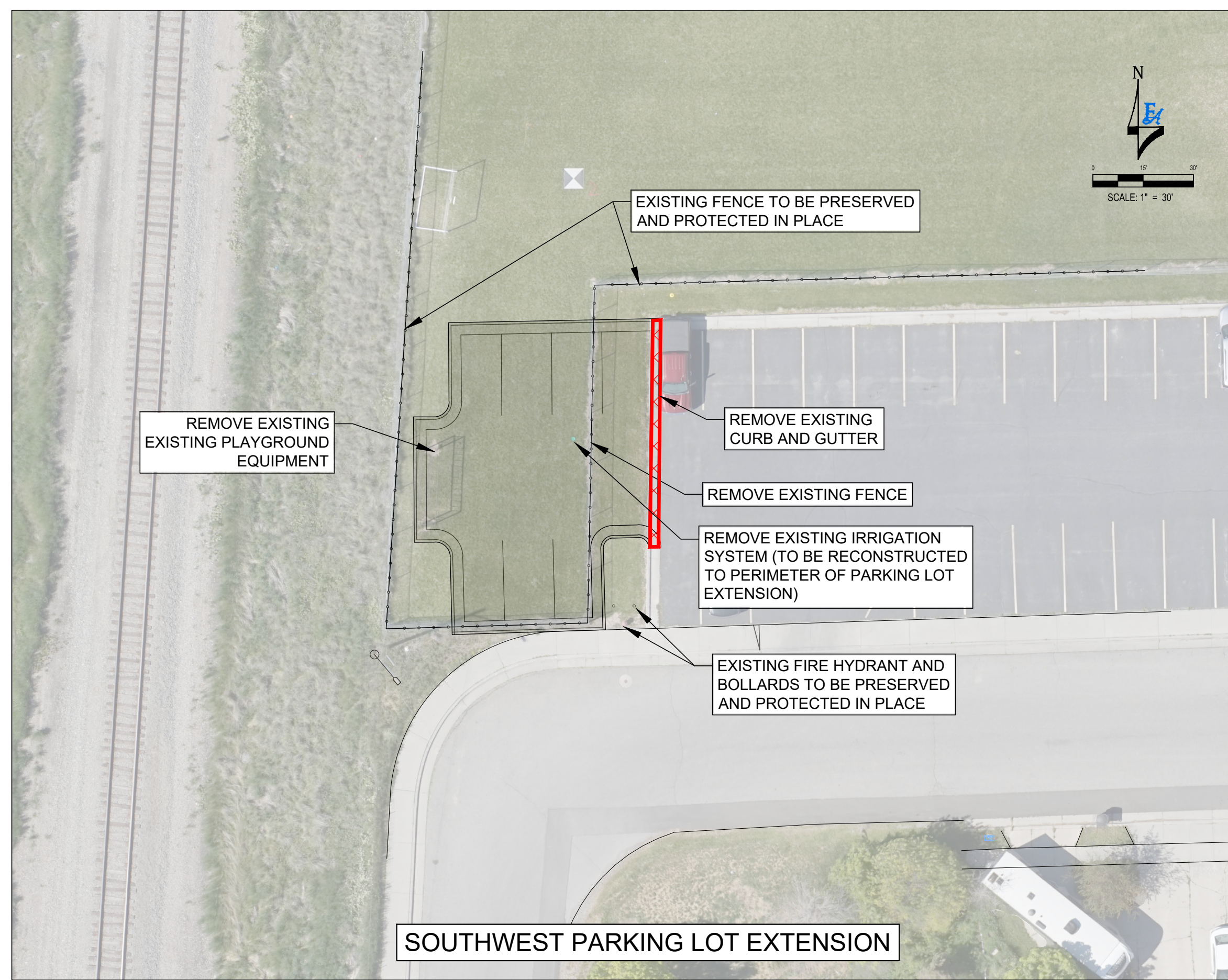
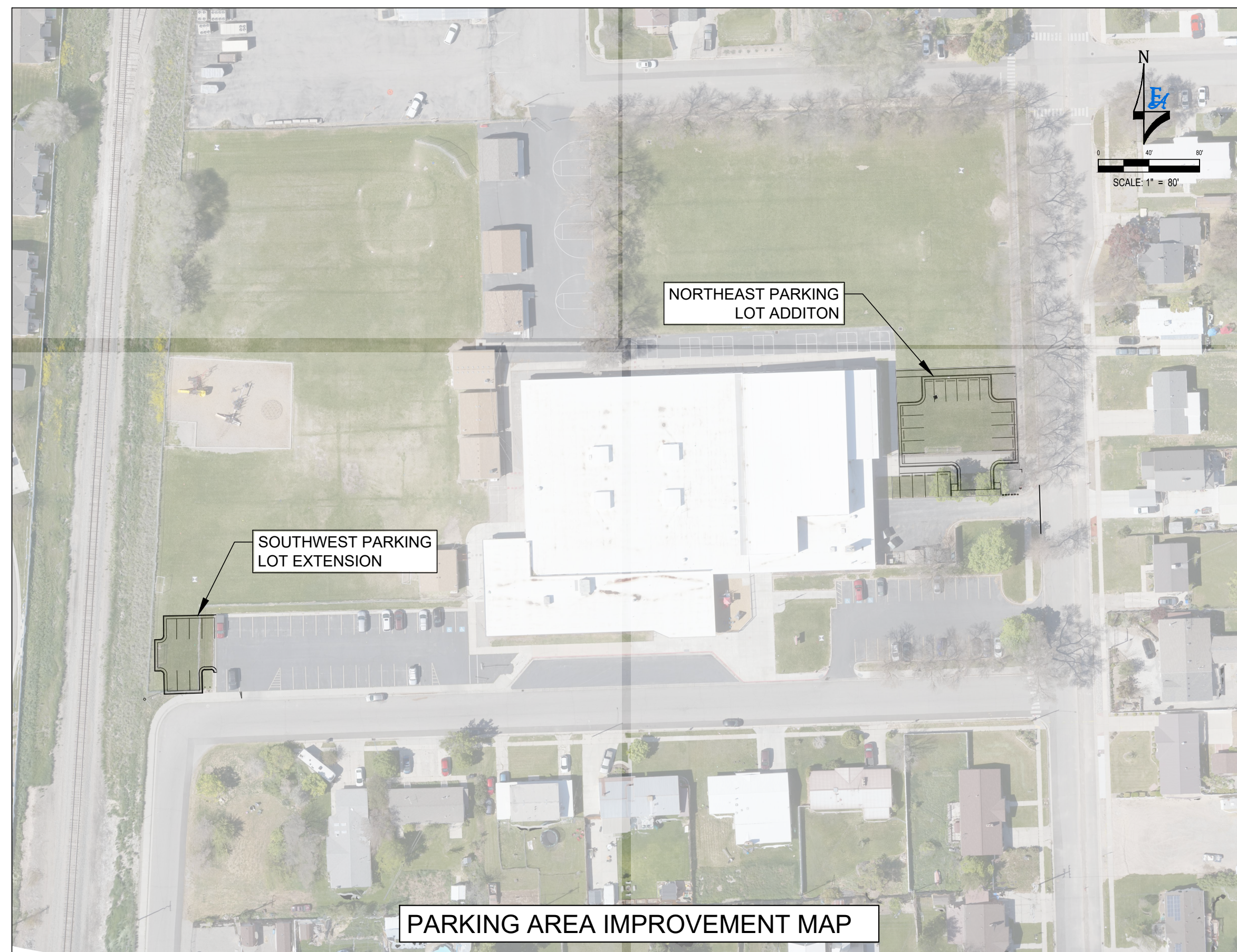
PROJECT NO: 260007602	
SHEET ID: C102	
DATE: 05-2026	PAGE NO: 2



LEGEND:

- EDGE OF CONCRETE
- EDGE OF PAVEMENT
- EDGE OF SIDEWALK
- CURB
- FENCE
- BLUE STAKES POWER
- STORM DRAIN LINE
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- IRRIGATION VALVE
- SIGN
- LIGHT POLE
- TREE
- CONCRETE
- SIDEWALK
- PAVEMENT
- CURB

Job Number: 26-079	Drawn By: JH	Date: 5/15/26	Scale: 1" = 30'	File: 26-079 McKinley.dwg
TOPOGRAPHIC SURVEY FOR:				
FORSGREN & ASSOCIATES				
MCKINLEY ELEMENTARY				
125 WEST 5TH SOUTH TREMONTON, BOX ELDER COUNTY, UTAH				
FORESIGHT LAND SURVEYING				
2005 North 600 West, Logan, Utah 435-753-1910				
No.	Date	By	Revision	



DEMOLITION, REMOVAL AND DISPOSAL NOTES:

1. THIS PROJECT INVOLVES RENOVATION OF AND/OR INTERFACING WITH EXISTING FACILITIES. ALL REPRESENTATIONS OF EXISTING CONDITIONS SHOWN HEREIN WERE DERIVED FROM TOPOGRAPHIC SURVEYS, FIELD INVESTIGATIONS AND/OR FROM AVAILABLE RECORD DRAWING INFORMATION. NEITHER THE OWNER NOR ENGINEER GUARANTEES THESE LOCATIONS TO BE EITHER TRUE OR EXACT. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY ALL EXISTING IMPROVEMENTS AND TO EXPOSE ALL EXISTING UNDERGROUND UTILITIES TO THE EXTENT NECESSARY IN ORDER TO DULY EXECUTE THE WORK.
2. THE CONTRACTOR SHALL INCLUDE IN THE BID THE COST OF REMOVING ANY EXISTING SITE FEATURES AND APPURTENANCES NECESSARY TO ACCOMPLISH THE CONSTRUCTION OF THE PROPOSED SITE IMPROVEMENTS. THE CONTRACTOR SHALL ALSO INCLUDE IN THE BID THE COST NECESSARY TO RESTORE SUCH ITEMS IF THEY ARE SCHEDULED TO REMAIN AS PART OF THE FINAL SITE IMPROVEMENTS. REFER TO PLANS TO DETERMINE EXCAVATION, DEMOLITION AND TO DETERMINE THE LOCATION OF THE PROPOSED SITE IMPROVEMENTS.
3. THE OWNER RESERVES THE RIGHT TO REVIEW ALL MATERIALS DESIGNATED FOR REMOVAL AND TO RETAIN OWNERSHIP OF SUCH MATERIALS. IF THE OWNER RETAINS ANY MATERIAL THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNER TO HAVE THOSE MATERIALS REMOVED OFF SITE AT NO ADDITIONAL COST.
4. UNLESS SPECIFICALLY NOTED TO BE SAVED/STOCKPILED OR REUSED/RELOCATED, ALL SITE FEATURES CALLED FOR REMOVAL SHALL BE REMOVED WITH THEIR FOOTINGS, ATTACHMENTS, BASE MATERIAL, ETC. TRANSPORTED FROM THE SITE TO BE DISPOSED OF IN A LAWFUL MANNER AT AN ACCEPTABLE DISPOSAL SITE. ALL ITEMS CALLED FOR REMOVAL SHALL BE REMOVED TO FULL DEPTH INCLUDING ALL FOOTINGS, FOUNDATIONS, AND OTHER APPURTENANCES, EXCEPT AS SPECIFICALLY OTHERWISE NOTED AND/OR AGREED UPON IN WRITING.
5. THE EXISTING FACILITIES INCLUDING, SLABS, FOUNDATIONS, PAVEMENTS, ASSOCIATED DEBRIS, SURFACE VEGETATION, ROOT SYSTEMS, TOPSOIL, SPRINKLER IRRIGATION, NON-ENGINEERED FILL, AND ANY DELETERIOUS MATERIALS SHALL BE DEMOLISHED, REMOVED AND DISPOSED OF FROM BENEATH THE FOOTPRINT OF THE PROPOSED STRUCTURES AND EXTENDING OUT AT LEAST 5- FEET FROM THE PERIMETER OF THE PROPOSED STRUCTURES' FOOTPRINT.
6. TREES DESIGNATED FOR REMOVAL SHALL BE TAGGED BY CONTRACTOR AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. DURING EARTHWORK OPERATIONS, CONTRACTOR SHALL TAKE CARE TO NOT DISTURB EXISTING MATERIALS TO REMAIN, OUTSIDE THE LIMITS OF EXCAVATION AND BACKFILL AND SHALL TAKE WHATEVER MEASURES NECESSARY, AT THE CONTRACTOR'S EXPENSE, TO PREVENT ANY EXCAVATED MATERIAL FROM COLLAPSING.

SITE RECLAMATION AND RESTORATION:

1. WHERE NEW EARTHWORK MEETS EXISTING EARTHWORK, CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDS AT ALL TOP AND BOTTOM OF SLOPES. WHERE A SPECIFIC LIMIT OF WORK LINE IS NOT OBVIOUS OR IMPLIED, CONTRACTOR SHALL BLEND GRADES TO MATCH AND MEET EXISTING CONDITIONS.

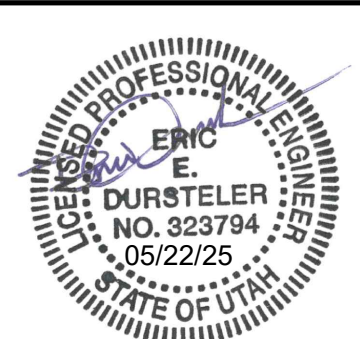
SHEET LEGEND

- (oh) — EXISTING OVERHEAD ELECTRIC/POWER LINE
- (pw) — EXISTING POTABLE WATER LINES
- (sd) — EXISTING STORMWATER/IRRIGATION LINES
- BUILDING ENVELOPE OF NEW FACILITIES
- ⊗ EXISTING WATER VALVE
- ⊕ EXISTING WATER METER
- ⊙ EXISTING FIRE HYDRANT
- ⊕ EXISTING SEWER MANHOLE
- ⊙ EXISTING SEWER LINE CLEANOUT
- ⊙ EXISTING TREE
- ⊙ EXISTING SIGN
- ⊗ DEMOLITION AND REMOVAL ELEMENTS

NO.	REVISIONS	BY	DATE

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PH: 435.227.0333



DRAWN	_____
DESIGNED	_____
APPROVED	_____
QA	_____

ATTENTION

LINE IS 1-INCH
AT 22" x 34" SIZE

IF NOT 2-INCHES,
SCALE DRAWING ACCORDINGLY

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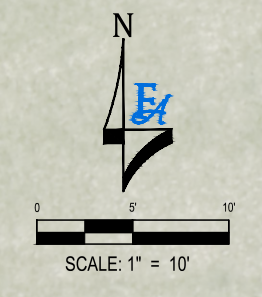
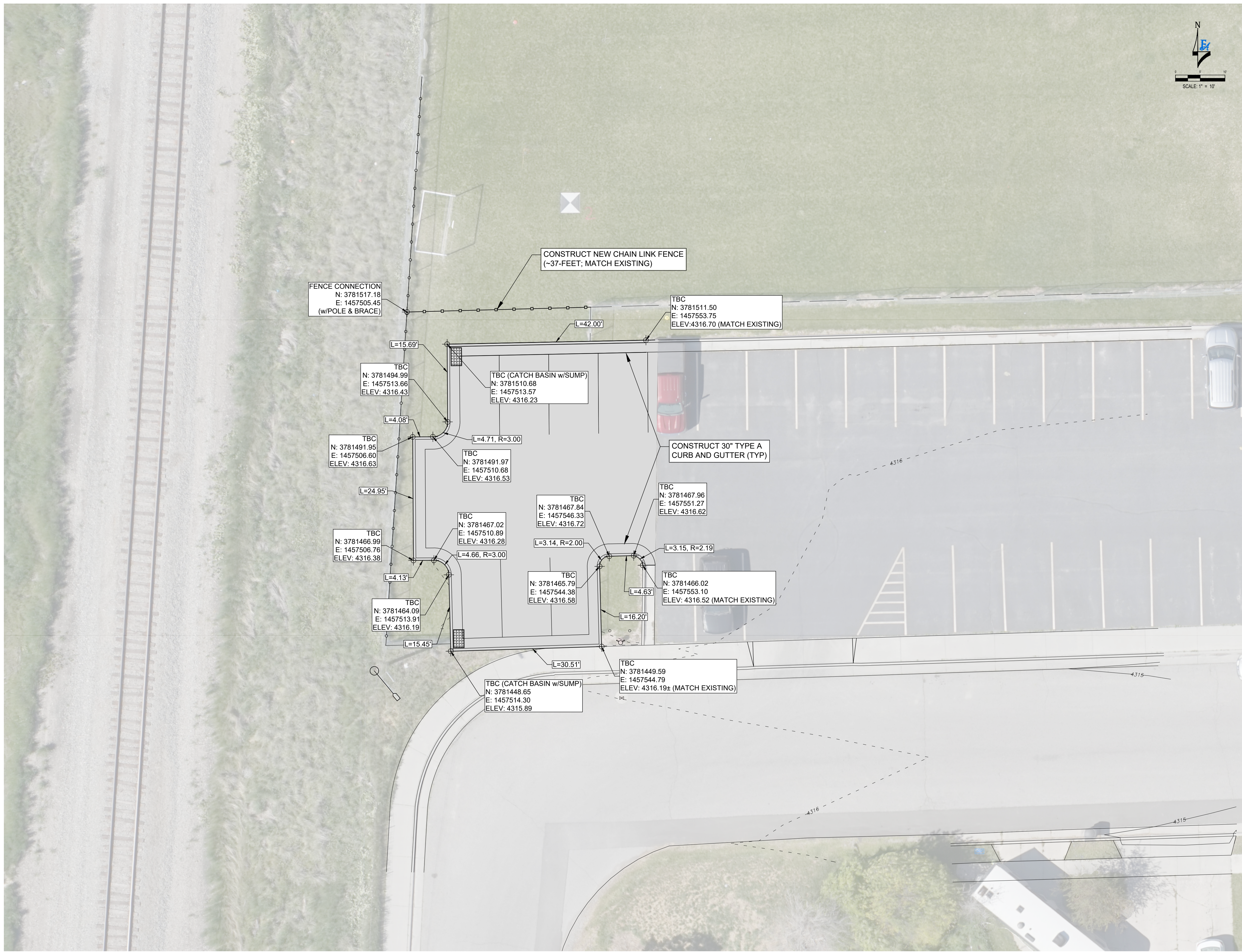
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MCKINLEY ELEMENTARY SCHOOL
PARKING AREAS EXPANSION AND IMPROVEMENT PROJECT

**DEMOLITION, REMOVAL,
AND RELOCATION PLAN**

PROJECT NO:	260007602
SHEET ID:	C104
DATE:	05-2026
PAGE NO:	4



SITE AND GRADING NOTES:

1. PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES LOCATED WITHIN THE VICINITY OF ANY WORK. IF THE EXISTING UTILITIES ARE IN ANY WAY DIFFERENT FROM WHAT IS SHOWN ON THE DRAWINGS, THEN IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE OWNER, PROJECT ENGINEER AND CITY BEFORE PROCEEDING WITH ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS TO FIX DAMAGES INCURRED TO EXISTING UTILITIES DURING CONSTRUCTION.
2. AREAS TO RECEIVE IMPROVEMENTS SHALL BE CLEANED OF ALL VEGETATION, DEBRIS, TOPSOIL AND OTHER UNSUITABLE MATERIALS AND SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES AND INSPECTED BY A CERTIFIED SOIL TESTING AGENCY PRIOR TO THE PLACING OF FILL.
3. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT STORM EVENT DO NOT CARRY SEDIMENTS, WASTES, OR POLLUTANTS OFF THE SITE.
4. DEMOLITION AND/OR EXCAVATED MATERIALS SHALL BE LEGALLY DISPOSED OF OFF SITE, UNLESS OTHERWISE INSTRUCTED BY THE OWNER, OR BY THE OWNER'S REPRESENTATIVE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE EXCESS SPOILS AND MATERIAL DISTURBED BY CONSTRUCTION.
5. CONCRETE FOR SIDEWALK, CURB & GUTTER, ACCESS RAMPS, AND DRIVE APPROACHES SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS OF 4500 PSI WITH A WATER-CEMENT RATIO OF 0.45.
6. CONTRACTOR SHALL MAKE ALL DUE PRECAUTIONS TO PROTECT EXISTING UTILITIES AND PUBLIC IMPROVEMENTS. ANY EXISTING PAVEMENT, CURBS, AND/OR SIDEWALKS DAMAGED OR REMOVED BY THE CONTRACTOR THAT ARE NOT A PART OF THIS PROJECT ARE TO BE REPAIRED BY THE CONTRACTOR TO AT LEAST THE PREEXISTING CONDITION, AT HIS EXPENSE, BEFORE ACCEPTANCE OF THE WORK.
7. IF ANY UNKNOWN SUB-SURFACE STRUCTURES ARE ENCOUNTERED DURING CONSTRUCTION, THEY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER PRIOR TO PROCEEDING WITH GRADING OPERATIONS.
8. WHERE NEW CONSTRUCTION TIES TO EXISTING FACILITIES, THE PROPER SAW CUT AND CONNECTION SHALL BE MADE USING GOOD WORKMANSHIP AND PROPER TRANSITION TECHNIQUES TO BE APPROVED BY THE ENGINEER.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REESTABLISH AND RESTORE EXISTING VEGETATION AND LANDSCAPING DISTURBED BY CONSTRUCTION.
10. ADJACENT STREETS ARE TO BE CLEANED DAILY OF ALL DIRT AND DEBRIS THAT IS THE RESULT OF THIS OPERATION.
11. LANDSCAPE ISLANDS CREATED BY THE IMPROVEMENTS SHALL BE FURNISHED WITH IRRIGATION SYSTEMS AS DIRECTED BY THE OWNER, BACKFILLED WITH 6-INCHES OF TOPSOIL AND HAVE GRASS SOD PLACED THEREON.

SHEET LEGEND

SHEET LEGEND

- CATCH BASIN INLET
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- TREE
- FFE FINISHED FLOOR ELEVATION
- FG FINISHED GRADE
- TBC TOP BACK OF CURB
- SW SIDEWALK
- TC TOP OF CONCRETE
- R RADIUS
- N NORthing
- E EASTING
- L LENGTH
- TELEPHONE PEDESTAL
- BENCHMARK

NO.	REVISIONS	BY	DATE

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ATTENTION

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AT 22" x 34" SIZE

IF NOT 2-INCHES,
SCALE DRAWING ACCORDINGLY

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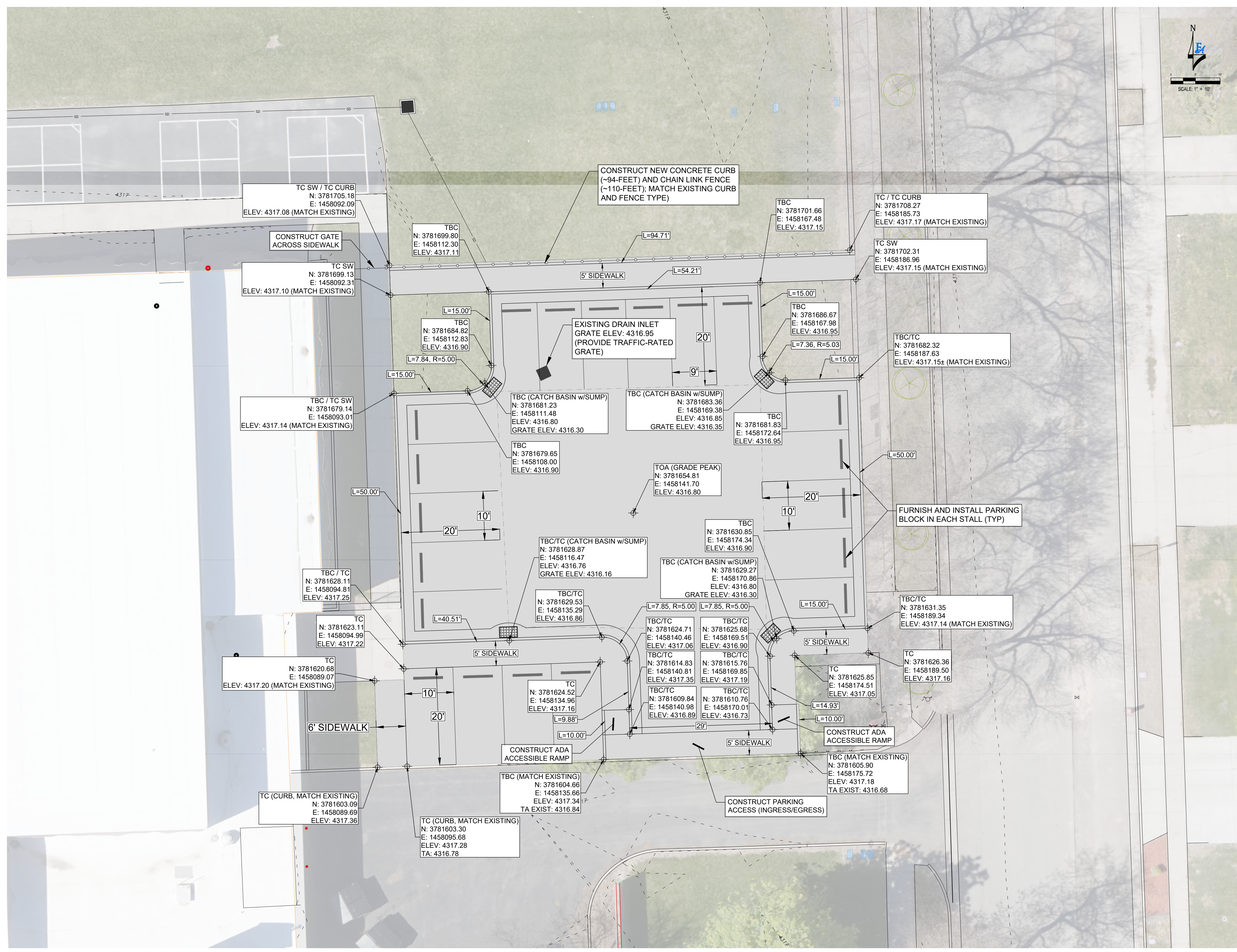
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MCKINLEY ELEMENTARY SCHOOL
PARKING AREAS EXPANSION AND IMPROVEMENT PROJECT

SITE AND GRADING PLAN
SOUTHWEST PARKING LOT EXTENSION

PROJECT NO: 260007602	
SHEET ID: C105	
DATE: 05-2026	PAGE NO: 5



- SITE AND GRADING NOTES:**
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES LOCATED WITHIN THE VICINITY OF ANY WORK. IF THE EXISTING UTILITIES ARE IN ANY WAY DIFFERENT FROM WHAT IS SHOWN ON THE DRAWINGS, THEN IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE OWNER, PROJECT ENGINEER AND CITY BEFORE PROCEEDING WITH ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS TO FIX DAMAGES INCURRED TO EXISTING UTILITIES DURING CONSTRUCTION.
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SHEET LEGEND

	CATCH BASIN INLET
	WATER VALVE
	WATER METER
	FIRE HYDRANT
	TREE
	FINISHED FLOOR ELEVATION
	FINISHED GRADE
	TOP BACK OF CURB
	SIDEWALK
	TOP OF CONCRETE
	RADIUS
	NORTHING
	EASTING
	LENGTH
	TELEPHONE PEDESTAL
	BENCHMARK

NO.	REVISIONS	BY	DATE

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DESIGNED	_____
APPROVED	_____
QA	_____

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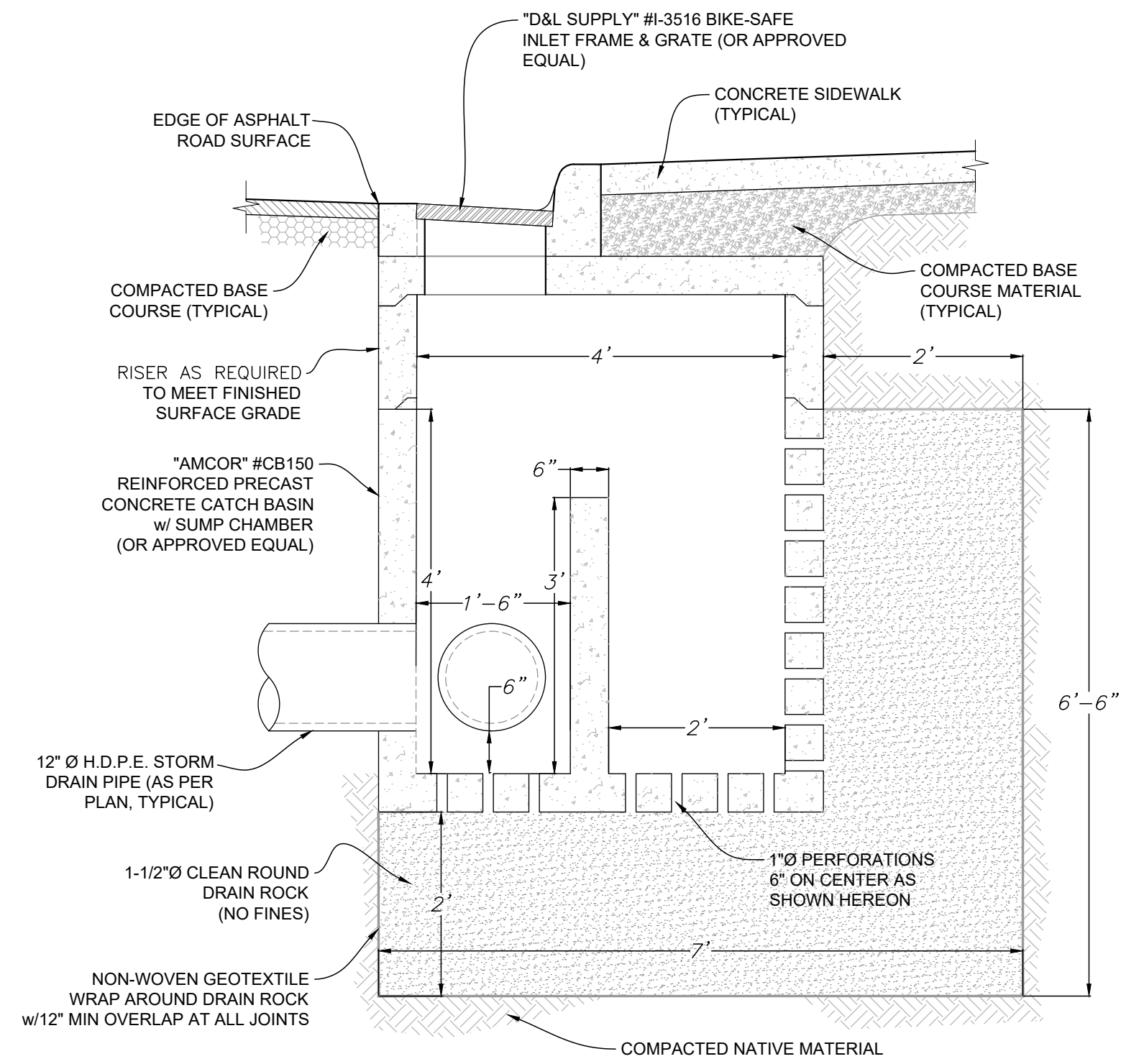
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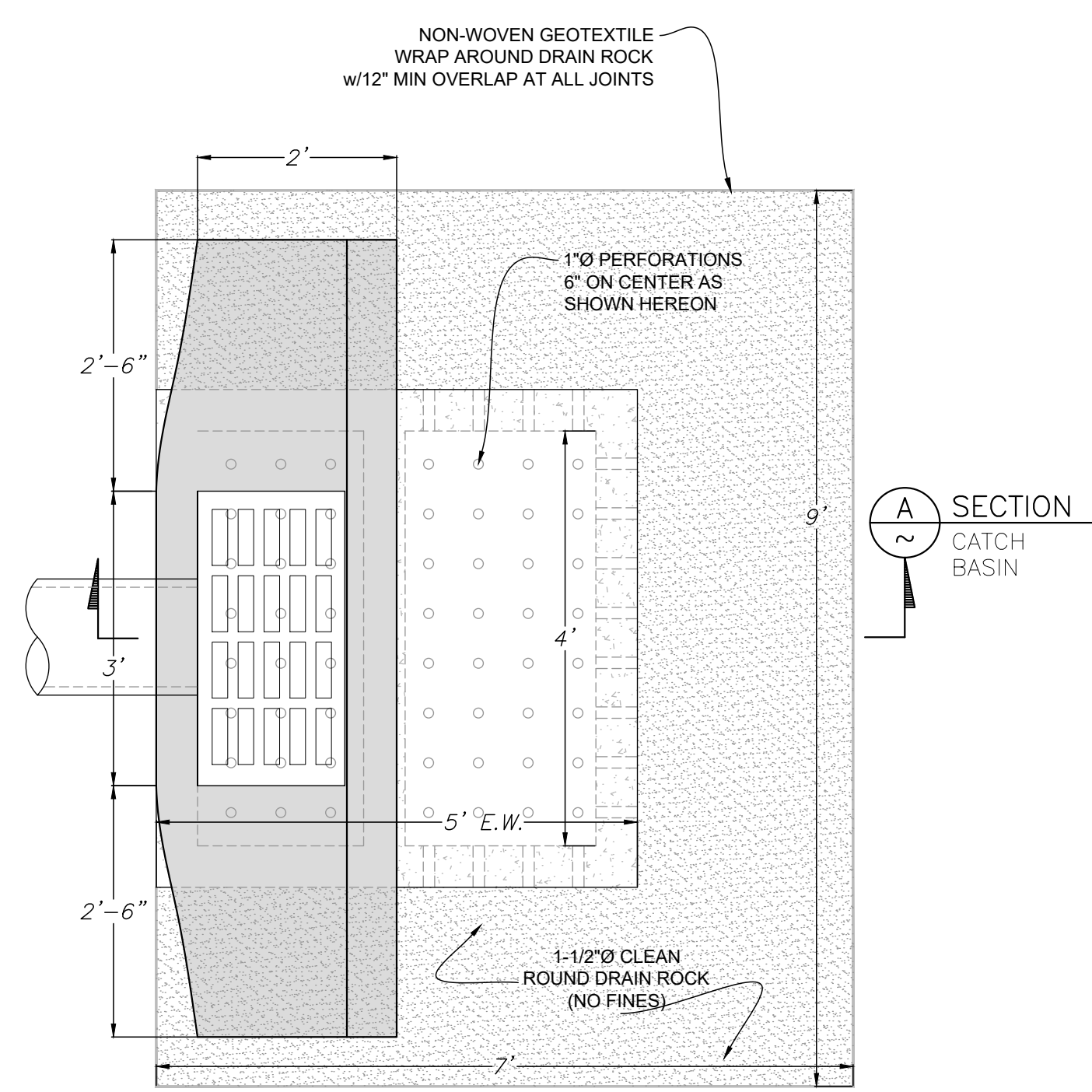
MCKINLEY ELEMENTARY SCHOOL
PARKING AREAS EXPANSION AND IMPROVEMENT PROJECT

SITE AND GRADING PLAN
SOUTHWEST PARKING LOT EXTENSION

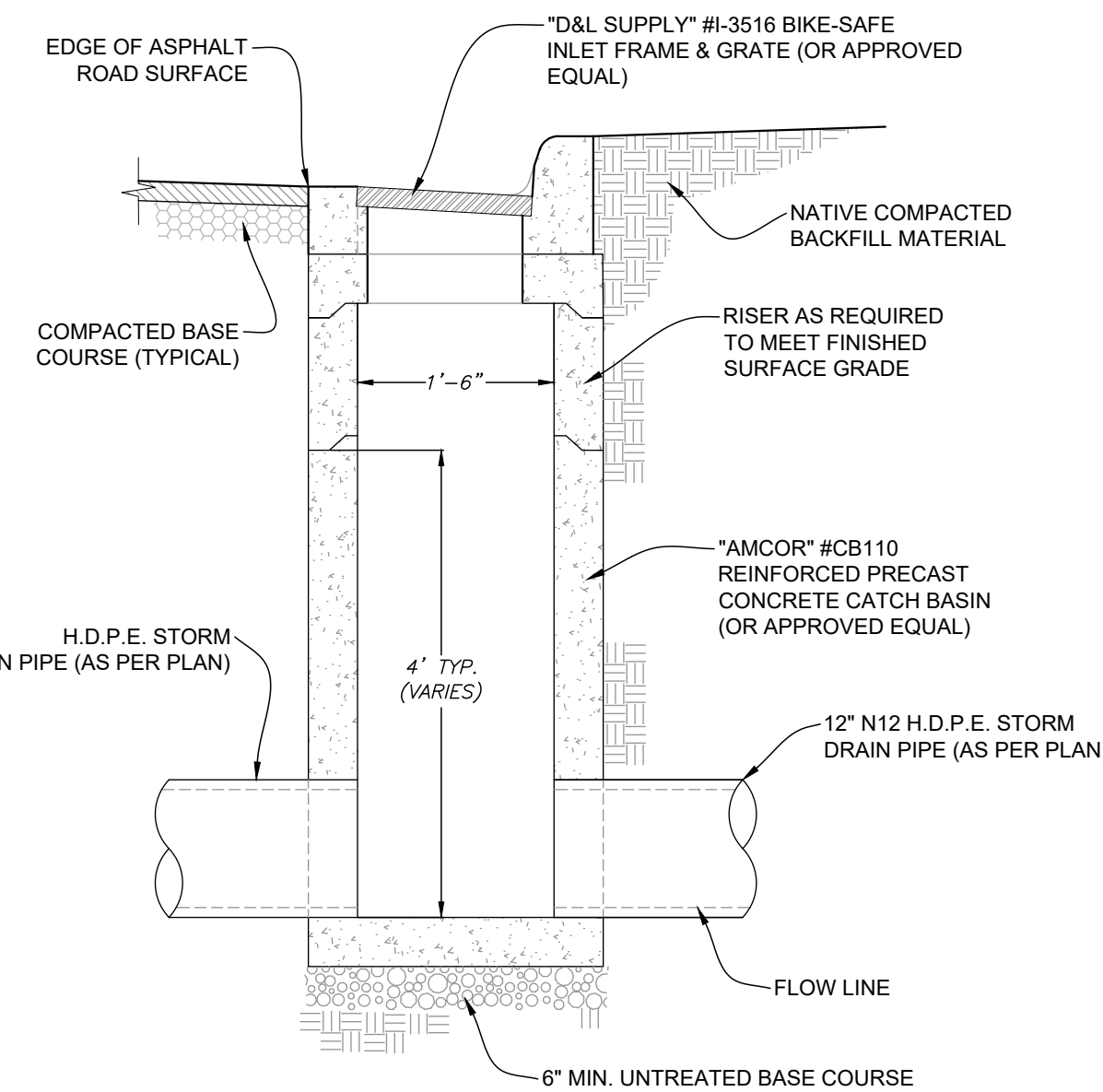
PROJECT NO: 260007602
SHEET ID: C106
DATE: 05-2026
PAGE NO: 6



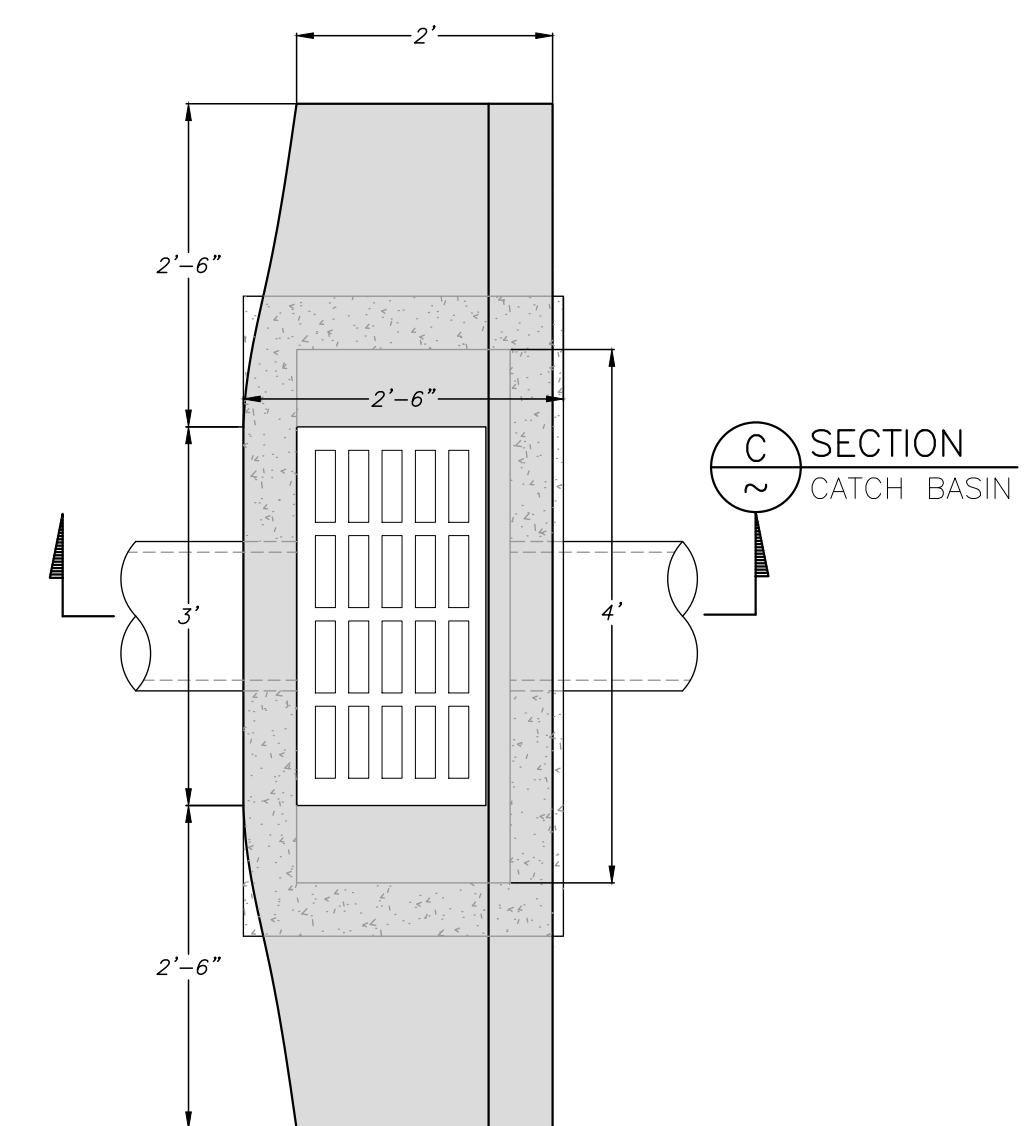
CATCH BASIN w/SUMP - SECTION VIEW A
SCALE: N.T.S.



CATCH BASIN w/SUMP - PLAN VIEW B
SCALE: N.T.S.



CATCH BASIN - SECTION VIEW C
SCALE: N.T.S.



CATCH BASIN - PLAN VIEW D
SCALE: N.T.S.

Type A Curb and Gutter
Plan 205.1
Revised January 2025

Curbs
Plan 209
November 2009

Flare driveway approach
Plan 221.1
December 2009

IS THE PARK STRIP A PEDESTRIAN ACCESS ROUTE?	RATIO
YES	H : L
NO	1 : 12
NO	1 : 6

STREET TYPE	LENGTH (MINIMUM)		
	V	Y	T
RESIDENTIAL	6'	8'	8'
OTHER	24'	24'	8'

STREET TYPE	BREAK OVER ANGLE (MAXIMUM)		
	A	B	C
RESIDENTIAL	16%	12%	16%
OTHER	6%	8%	10%

CATCH BASIN w/SUMP CONSTRUCTION AND IMPLEMENTATION NOTES:

- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, CLEARANCES, AND AUTHORIZATIONS FROM LOCAL AND STATE REGULATORY AGENCIES WHICH ARE PERTINENT AND NECESSARY FOR CONSTRUCTION OF THE CATCH BASIN SUMPS.
- CONTRACTOR SHALL POT-HOLE EACH CATCH BASIN SITE TO VERIFY AND/OR CONFIRM THE PRESENCE OF GRAVEL SUBSTRATE INTO AND/OR OVER WHICH THE SUMP CAN BE PLACED FOR PROPER INFILTRATION AND OPERATION OF THE SUMP.
- CONTRACTOR SHALL PROTECT INFILTRATION AREA FROM COMPACTION PRIOR TO INSTALLATION.
- DRYWELL INLETS SHALL BE PROTECTED TO PREVENT SEDIMENTATION AND/OR DAMAGE FROM CONSTRUCTION ACTIVITY.
- CONTRACTOR SHALL INSTALL AND MAINTAIN PROPER EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
- CONTRACTOR SHALL EXCAVATE DRY WELL BOTTOM TO A UNIFORM, LEVEL, UNCOMPACTED SUBGRADE FREE FROM ROCKS AND DEBRIS. TO THE GREATEST EXTENT POSSIBLE, EXCAVATION SHOULD BE PERFORMED WITH THE LIGHTEST PRACTICAL EQUIPMENT. EXCAVATION EQUIPMENT SHOULD BE PLACED OUTSIDE THE LIMITS OF THE DRY WELL. SUBGRADE MUST NOT BE COMPACTED.
- CONTRACTOR SHALL PLACE UNIFORMLY GRADED, CLEAN-WASHED AGGREGATE IN 6-INCH LIFTS, LIGHTLY COMPACTING BETWEEN LIFTS.
- NON-WOVEN GEOTEXTILE SHALL BE FOLDED AND SECURED OVER TRENCH, WITH MINIMUM OVERLAP OF 12-INCHES.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL SITE IS FULLY STABILIZED.
- IF NECESSARY, CATCH BASIN AND DRY WELL STRUCTURES MAY BE SEPARATED TO MEET SITE AND/OR REGULATORY PROPERTY OFFSET REQUIREMENTS AND BE CONNECTED VIA 12" (MIN.) WT N12 CORRUGATED HDPE PIPE, DRY WELL TO HAVE 24"Ø ACCESS MANHOLE FOR CLEANING AND INSPECTION.
- STORM WATER DRAINAGE WELLS ARE A SUBCLASS OF UNDERGROUND INJECTION CONTROL (UIC) CLASS V WELLS TO MANAGE DISCHARGES OF STORM WATER FROM SURFACES WITH NO OR LOW PERMEABILITY WHERE NATURAL INFILTRATION OF STORM WATER DOES NOT OCCUR. OWNER/OPERATORS OF ALL UIC CLASS V WELLS, INCLUDING STORM WATER DRAINAGE WELLS, ARE REQUIRED BY FEDERAL AND STATE UIC REGULATIONS TO SUBMIT INVENTORY INFORMATION (UAC R317-7-6).

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ATTENTION
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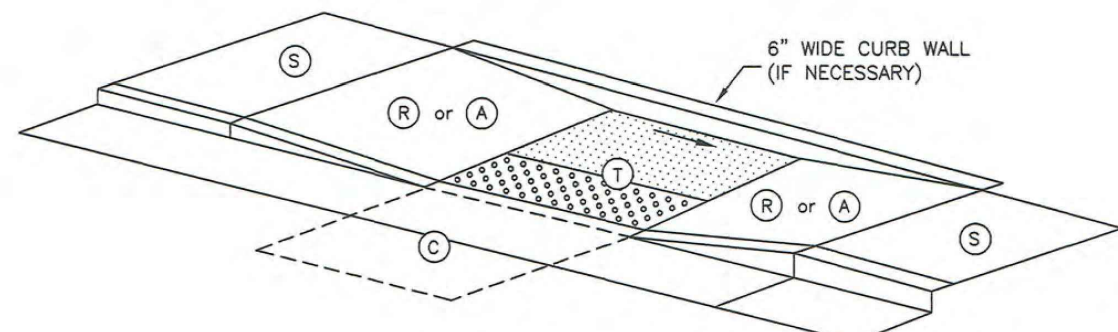
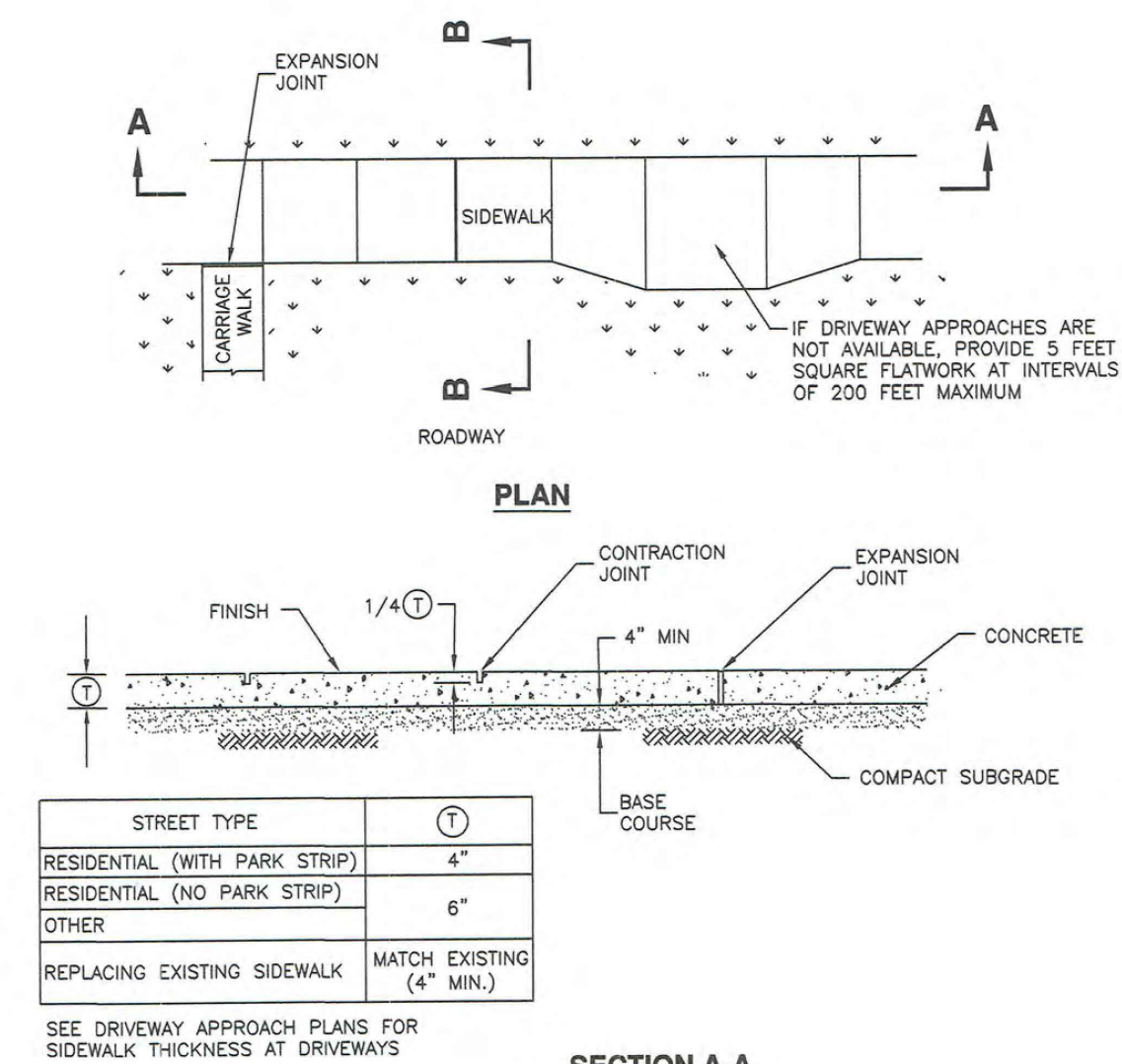
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MCKINLEY ELEMENTARY SCHOOL
PARKING AREAS EXPANSION AND IMPROVEMENT PROJECT
GENERAL DETAILS

PROJECT NO: 260007602
SHEET ID: C107
DATE: 05-2026
PAGE NO: 7

TURNING SPACE AT STREET LEVEL



EXAMPLE 5

ELEMENT	DIMENSION
(R) (A)	4 FEET WIDE MINIMUM
(C) (T)	4 FEET SQUARE MINIMUM

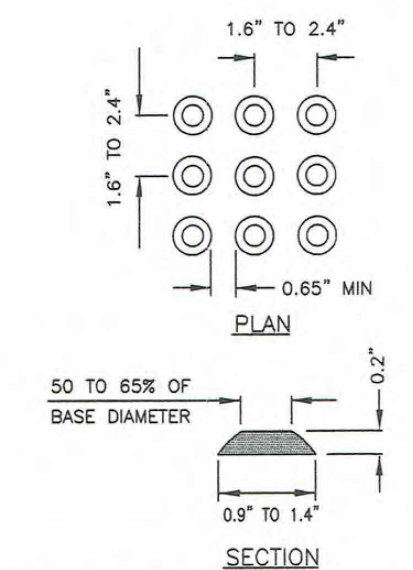
WHERE TURNING SPACE IS CONSTRAINED ON 2 SIDES, PROVIDE 5 FEET IN THE DIRECTION OF THE CROSSWALK

TABLE OF DIMENSIONS

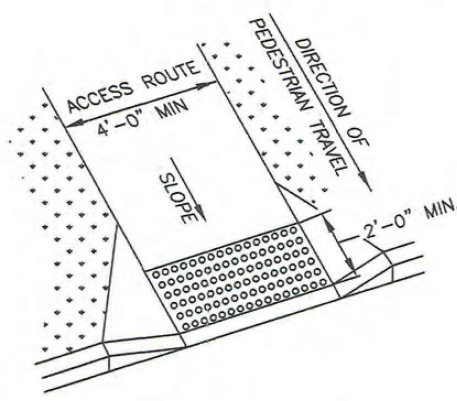
TURNING SPACE	STREET GRADE	RUNNING SLOPE (%) MAXIMUM	CROSS SLOPE (%) MAXIMUM
(T)	STREET GRADE	2	2
(R)	8.33	2	2
(C)	5	2	2
(S)	STREET GRADE	2	2
(A)	8.33	2	2

- (a) RUNNING SLOPE IS IN THE DIRECTION OF PEDESTRIAN TRAVEL. RUNNING SLOPE OF FLARE IS PARALLEL TO BACK OF CURB
- (b) CROSS SLOPE IS PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAVEL

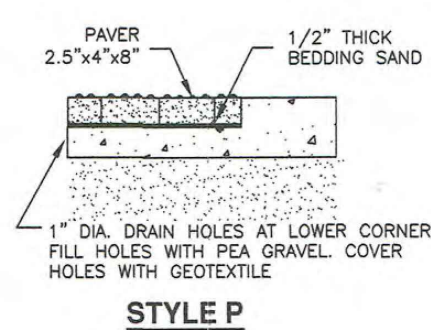
SLOPE TABLE



TRUNCATED DOME DETAIL



PERPENDICULAR ASSEMBLY



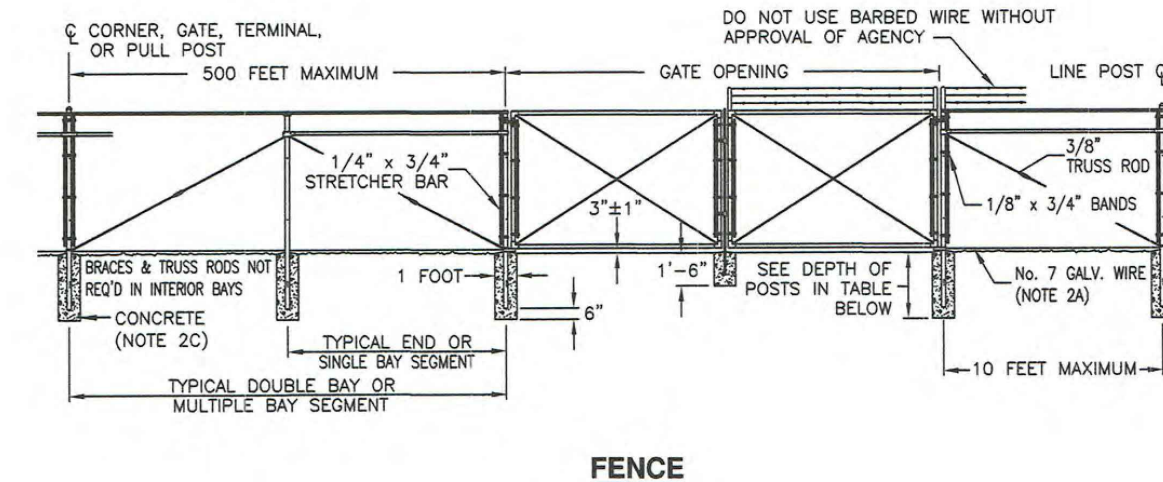
NON-PERPENDICULAR ASSEMBLY

STYLE P

STYLE R

STYLE T

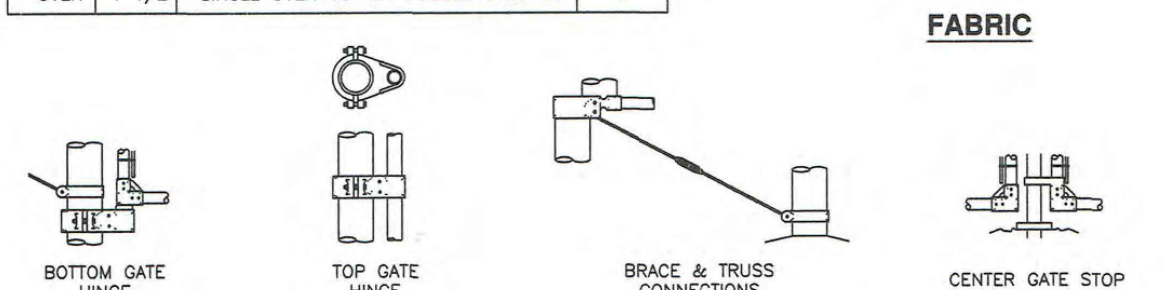
Detectable warning surface



FENCE

HEIGHT OF FABRIC	DEPTH OF POSTS	LENGTH OF END CORNER, OR PULL POST	LENGTH OF LINE POST	MINIMUM DIAMETER END CORNER PULL POST	MINIMUM DIAMETER LINE POST
7'	3"	10'	9'-8"	2 1/2"	2"
6'	3"	9'	8'-8"	2 1/2"	2"
5'	3"	8'	7'-8"	2 1/2"	2"
4'	2"	6'	5'-8"	2"	1 1/2"

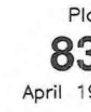
HEIGHT	FRAME	GATE OPENING	POST
1 1/2'	SINGLE TO 6' OR DOUBLE TO 12'	2"	2"
UNDER 1 1/2'	SINGLE OVER 6' TO 8' OR DOUBLE OVER 12' TO 18'	2 1/2"	2 1/2"
6 FEET	1 1/2' SINGLE OVER 6' TO 12' OR DOUBLE OVER 12' TO 24'	3 1/2"	3 1/2"
1 1/2'	SINGLE TO 6' OR DOUBLE TO 12'	2 1/2"	2 1/2"
6 FEET	1 1/2' SINGLE OVER 6' TO 12' OR DOUBLE OVER 12' TO 24'	3 1/2"	3 1/2"
AND 1 1/2'	SINGLE OVER 12' TO 18' OR DOUBLE OVER 24' TO 36'	6"	6"
OVER 1 1/2'	SINGLE OVER 18' OR DOUBLE OVER 36'	8"	8"



DETAILS



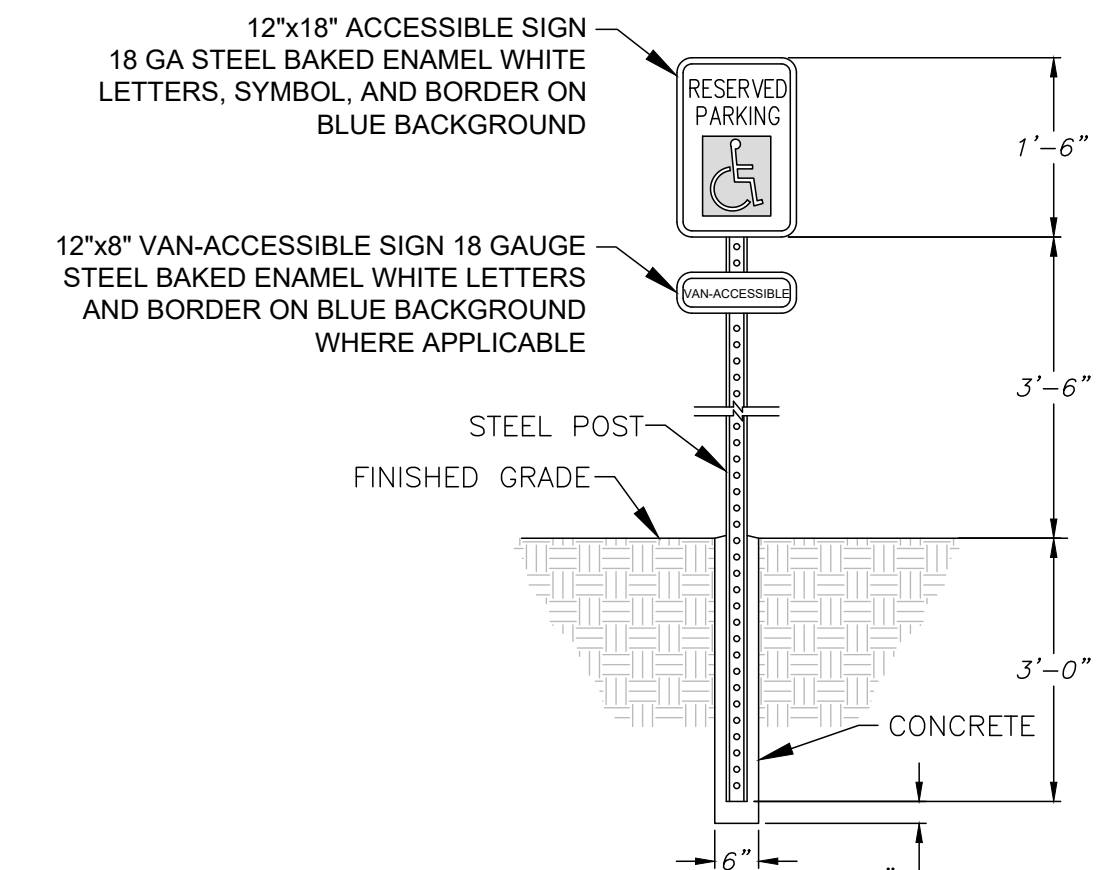
Chain link fence



831
April 1997

CONTRACTOR SHALL ENSURE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) IS POSTED AT THE FOLLOWING LOCATIONS (IN ACCORDANCE WITH ABAAAS, SECTION 216):

- AT ACCESSIBLE PARKING SPACES IN PARKING LOTS WITH FIVE OR MORE DESIGNATED PARKING SPACES.
 - SIGN VAN ACCESSIBLE PARKING SPACES IN THESE LOTS AS SUCH.
 - SIGN RV ACCESSIBLE PARKING SPACES IN THESE LOTS AS SUCH.
 - DO NOT POST ISA AT PARKING SPURS PROVIDED AT CAMPING UNITS OR OTHER INDIVIDUAL ACCESSIBLE FEATURES.
- AT ACCESSIBLE LOADING ZONES.
- AT ACCESSIBLE RESTROOMS AND BATHING FACILITIES.
- AT THE MAIN ENTRANCE TO A BUILDING, WITH AN ARROW DIRECTING PEOPLE TO THE CLOSEST ACCESSIBLE ENTRANCE, IF THE MAIN ENTRANCE IS NOT ACCESSIBLE.
- ON THE DOOR TO AN ACCESSIBLE AREA OF REFUGE INSIDE MULTISTORY BUILDINGS AT AN ACCESSIBLE MEANS OF EGRESS OUT OF A BUILDING

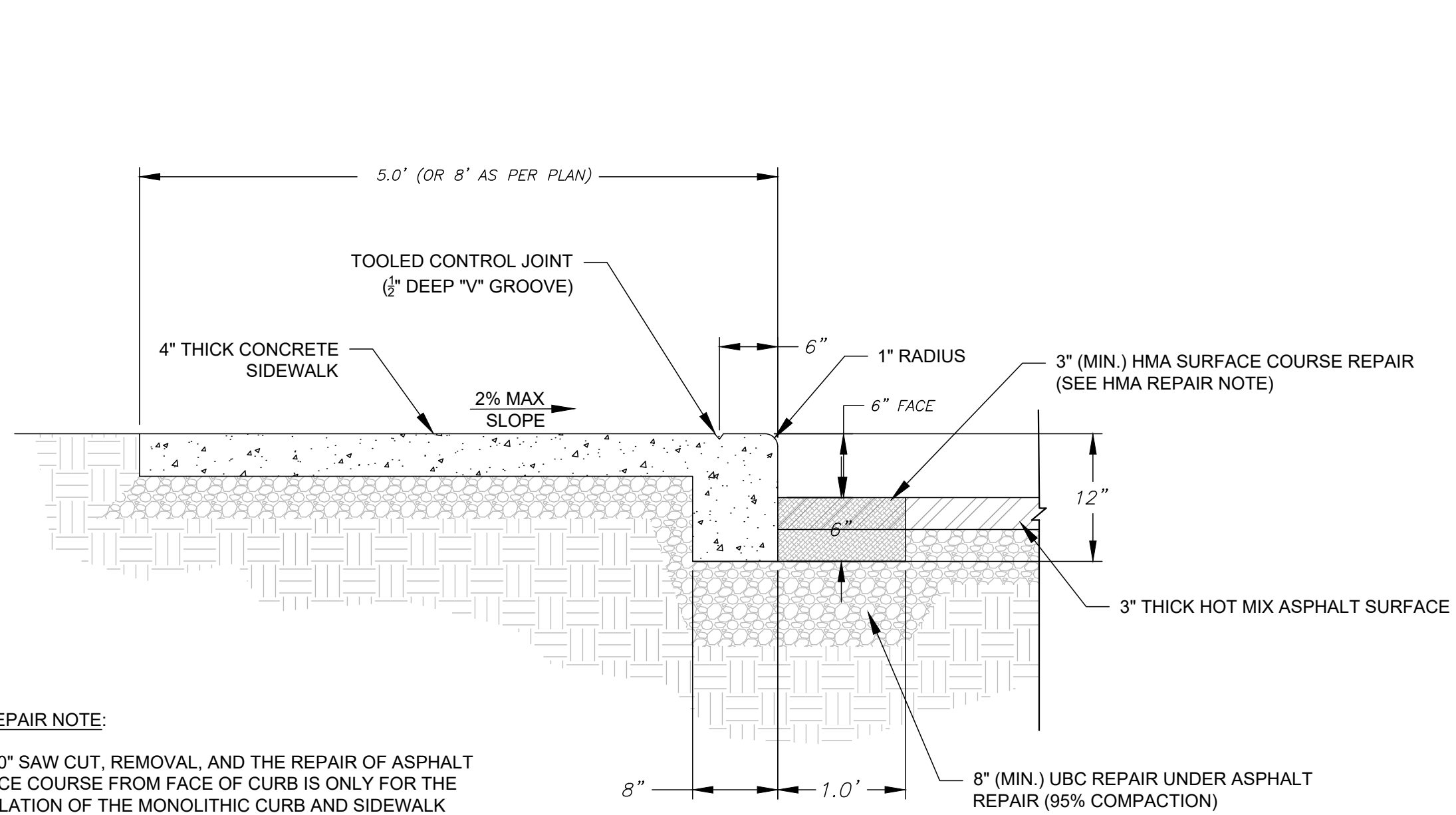


CONSTRUCTION NOTE:

- POSTS SHALL BE 8' LONG (MIN) HOT-ROLLED HIGH TENSILE RAIL STEEL, PERFORATED WITH 3/8" HOLES AT 1" CENTERS, FINISHED WITH GREEN BAKED ENAMEL.
- HANDICAP SIGNS SHALL BE LOCATED IN FRONT OF EACH HANDICAP PARKING SPACE SHOWN HEREIN.

INTERNATIONAL SYMBOL OF ACCESSIBILITY

SCALE: N.T.S.

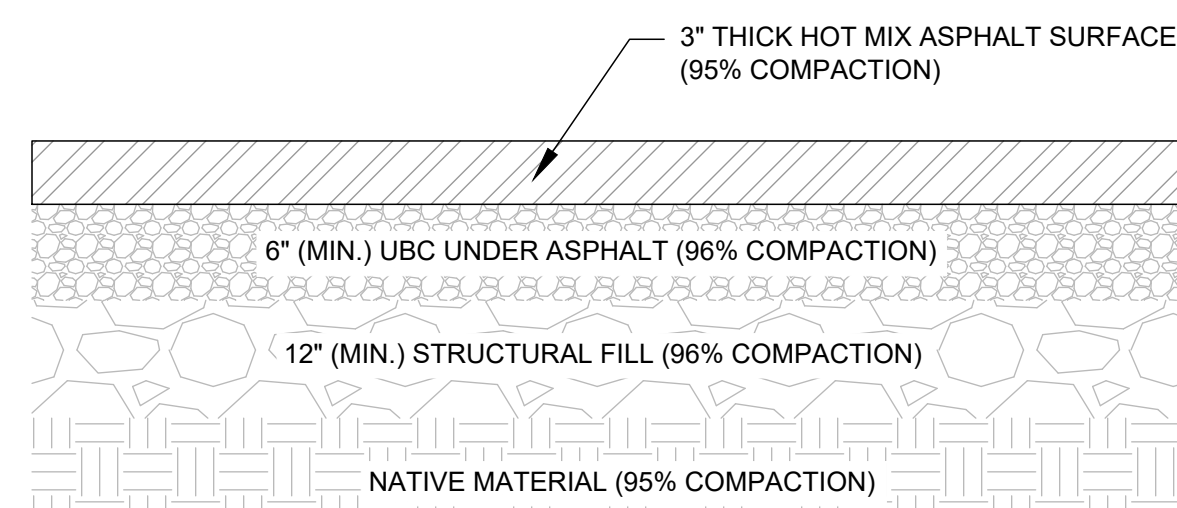


MONOLITHIC CURB & SIDEWALK

SCALE: N.T.S.

HMA REPAIR NOTE:

THE 1'-0" SAW CUT, REMOVAL, AND THE REPAIR OF ASPHALT SURFACE COURSE FROM FACE OF CURB IS ONLY FOR THE INSTALLATION OF THE MONOLITHIC CURB AND SIDEWALK ADJACENT TO AN EXISTING STREET OR PARKING AREA



PAVEMENT SECTION (TYP)

SCALE: N.T.S.

PAVEMENT SECTION CONSTRUCTION NOTES:

UNTREATED BASE COURSE (UTBC), TYPICALLY KNOWN AS ROAD-BASE, SHOULD CONFORM TO APWA SPECIFICATIONS, OR TO 1.5-INCH-MINUS DOT SPECIFICATIONS FOR A-1-A/NP, AND HAVE A MINIMUM CBR VALUE OF 70%. SUBBASE SHOULD BE A GRANULAR MATERIAL HAVING A MINIMUM CBR VALUE OF 40%. ROAD BASE AND SUBBASE MATERIAL SHOULD BE COMPACTED AS RECOMMENDED. ASPHALT MATERIAL GENERALLY SHOULD CONFORM TO APWA REQUIREMENTS, HAVING A 1/2-INCH MAXIMUM AGGREGATE SIZE, A 75-GYRATION SUPERPAVE MIX CONTAINING NO MORE THAN 15% OF RECYCLED ASPHALT AND A PG58-28 BINDER.

THE FULL THICKNESS OF EACH LIFT SHOULD BE COMPACTED TO AT LEAST THE FOLLOWING PERCENTAGES OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 (OR AASHTO T-180) IN ACCORDANCE WITH THE FOLLOWING RECOMMENDATIONS:

Beneath an area extending at least 4 feet beyond the perimeter of structures, and below flatwork and pavement (applies to structural fill and site grading fill) extending at least 2 feet beyond the perimeter	0 to 5	95
	5 to 8	98
Site grading fill outside area defined above	0 to 5	92
	5 to 8	95
Utility trenches within structural areas	--	96
In-situ Fill Conditioning	18 inches	95
Roadbase and subbase	-	96
Non-structural fill	0 to 5	90
	5 to 8	92



95 WEST 100 SOUTH, STE. 115
LOGAN, UT 84321
PH: 435.227.0333



DRAWN _____
DESIGNED _____
APPROVED _____
QA _____

ATTENTION

LINE IS 1-INCH

AT 22" x 34" SIZE

IF NOT 2-INCHES,
SCALE DRAWING ACCORDINGLY



BOX ELDER SCHOOL DISTRICT

960 SOUTH MAIN
BRIGHAM CITY, UT 84302
(435) 734-4800



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MCKINLEY ELEMENTARY SCHOOL
PARKING AREAS EXPANSION AND IMPROVEMENT PROJECT

GENERAL DETAILS

PROJECT NO:
260007602

SHEET ID:

C107

DATE: 05-2026
PAGE NO: 7