

CAPITOL COMPLEX PARKING LOT 2 REPLACEMENT

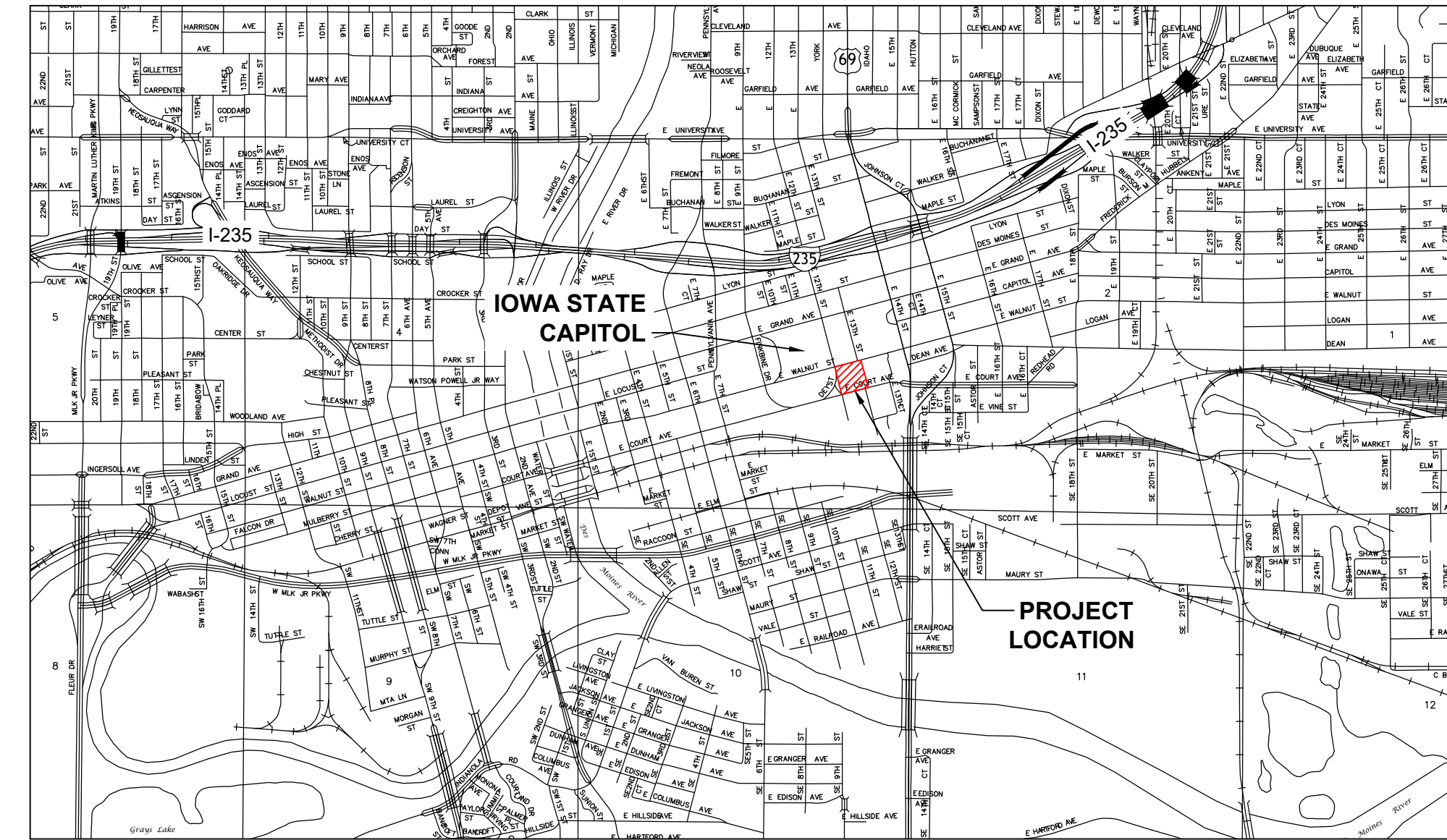
DAS PROJECT NO: 9536.00

HOOVER-WEST
109 SE 13TH ST, DES MOINES, IA 50319

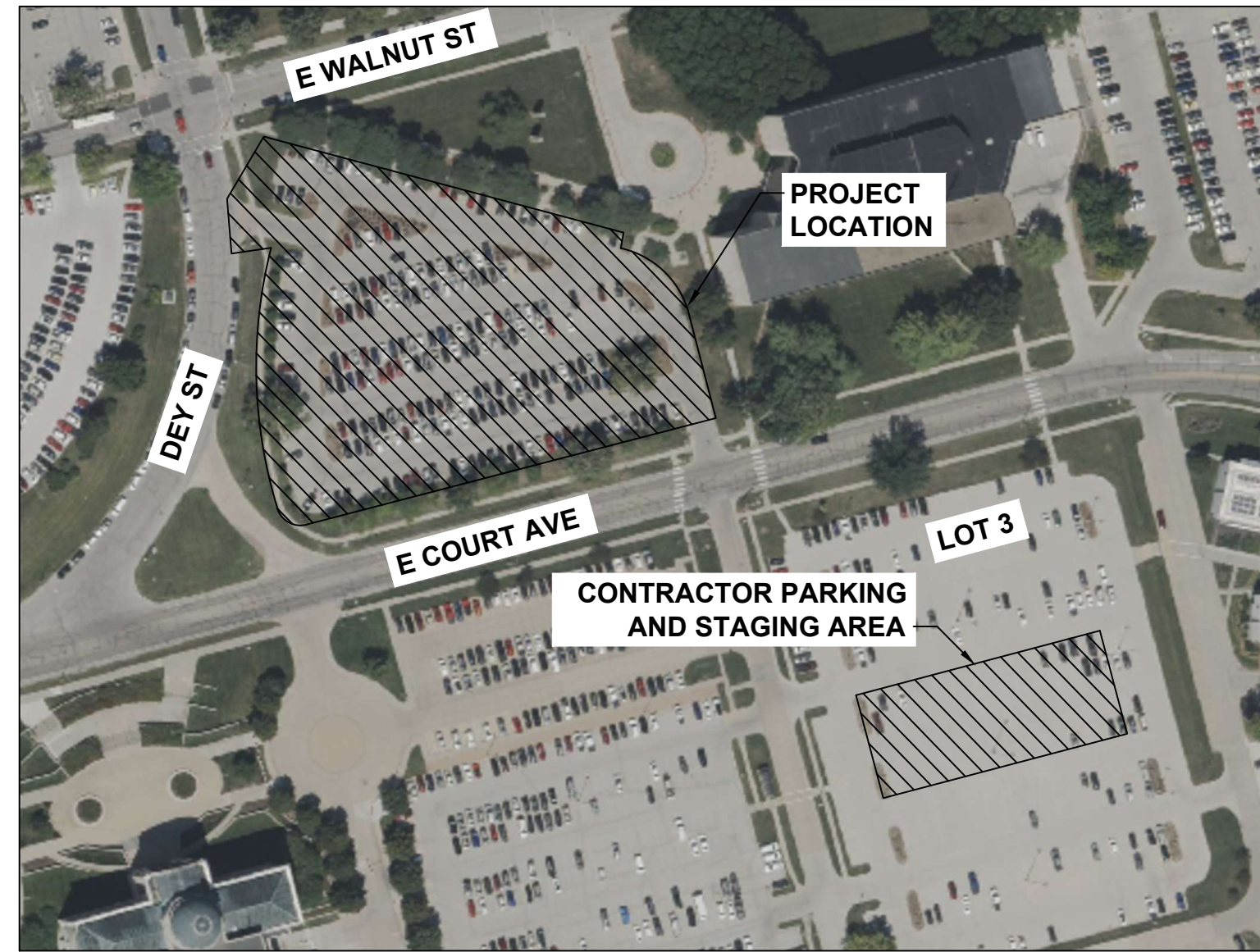
CONTROL POINTS				
NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
150	579420.623	1613065.580	92.92	CP50 LVL
151	579543.491	1613027.050	91.44	CP51 LVL
200	579167.063	1613169.835	87.91	CUT 'X'
201	579114.035	1612855.602	95.35	5/8 IRF RPC LT LEON

COORDINATE SYSTEM: IOWA STATE PLANE - SOUTH

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VICINITY MAP
NOT TO SCALE



PROJECT MAP
NOT TO SCALE

CONTACT INFORMATION

ENGINEER

SHIVE-HATTERY, INC.
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WEST DES MOINES, IA 5026
515-223-8104

OWNER

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
DIVISION OF BUSINESS AND PROPERTY SERVICES
ATTN: BRAD TONYAN
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109 SE 13TH STREET
DES MOINES, IA 50319
515-360-7718

CONSTRUCTION MANAGER

DCI GROUP
ATTN: TRAVIS HOYLE
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220 SE 6TH ST, UNIT #200
DES MOINES, IA, 50309

SITE ADDRESS

HOOVER-WEST
109 SE 13TH ST
DES MOINES, IA 50319

Legend

EXISTING	DESCRIPTION	PROPOSED
	TREE	
	TREE REMOVAL	
	LIGHT POLE	
	BOLLARD	
	CURB INTAKE	
	CURB AND GUTTER (PCC)	
	MAJOR CONTOUR	
	MINOR CONTOUR	
	ELECTRICAL LINE	
	STORM SEWER	
	BUILDING	
	PCC PAVING	

GENERAL NOTES:

- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP (PUBLIC OR PRIVATE) SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE IOWA STATEWIDE URBAN AND DESIGN AND SPECIFICATIONS (SUDAS) AS AMENDED BY THE CITY OF DES MOINES, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL AGENCY CODES, STANDARDS AND SPECIFICATIONS.
- ANY WORK REQUIRED TO COMPLETE THE SCOPE OF THIS PROJECT BUT NOT SPECIFICALLY CALLED OUT, SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. NO ADDITIONAL COMPENSATION TO BE ALLOWED FOR THE COMPLETION OF THIS WORK.
- WORK WHICH DOES NOT CONFORM TO THE REQUIREMENTS OF THE CONTRACT WILL BE CONSIDERED UNACCEPTABLE. UNACCEPTABLE WORK, WHETHER THE RESULT OF POOR WORKMANSHIP, USE OF DEFECTIVE MATERIALS, DAMAGE THROUGH CARELESSNESS OR ANY OTHER CAUSE, FOUND TO EXIST PRIOR TO THE FINAL ACCEPTANCE OF THE WORK, SHALL BE REMOVED AND REPLACED IN AN ACCEPTABLE MANNER, AS REQUIRED BY THE OWNER'S REPRESENTATIVE, AT THE CONTRACTOR'S EXPENSE. WORK DONE CONTRARY TO THE INSTRUCTIONS OF THE OWNER'S REPRESENTATIVE, WORK DONE BEYOND THE LINES SHOWN ON THE PLANS OR ANY EXTRA WORK DONE WITHOUT AUTHORITY WILL NOT BE PAID FOR.
- STAGING LOCATION FOR CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER AND OWNER'S REPRESENTATIVE. LOT 3 WILL BE AVAILABLE FOR CONTRACTOR PARKING AND STAGING OF EQUIPMENT AND MATERIALS, COORDINATION WITH OWNER AND OWNER'S REPRESENTATIVE.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF WORK OF ALL SUBCONTRACTOR(S) INVOLVED IN THE PROJECT.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND LICENSES FROM THE APPLICABLE GOVERNING AUTHORITIES.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, COORDINATES, ELEVATIONS, SETBACKS, AND EASEMENTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES SO THE CONFLICT MAY BE RESOLVED.
- IF DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR FINDS ANY DISCREPANCIES OR CONFLICTS BETWEEN THE PROPOSED SITE IMPROVEMENTS INDICATED ON THE PLANS AND THE PHYSICAL CONDITIONS OF THE SITE, OR ANY ERRORS OR OMISSIONS WITHIN THE PLANS OR IN THE SITE LAYOUT AS PROVIDED BY THE ENGINEER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER. UNTIL AUTHORIZED TO PROCEED, ANY WORK PERFORMED BY THE CONTRACTOR AFTER SUCH A DISCOVERY WILL BE AT THE CONTRACTOR'S SOLE RISK AND EXPENSE.
- PROTECT ALL EXISTING FEATURES (INCLUDING BUT NOT LIMITED TO WALLS, TREES, LANDSCAPING, DRIVEWAYS, SIDEWALKS, CURBS, PAVEMENT, UTILITIES, ETC.) NOT SPECIFICALLY NOTED FOR REMOVAL. FEATURES NOT DESIGNATED FOR REMOVAL THAT ARE DAMAGED OR REMOVED RESULTING FROM CONSTRUCTION TRAFFIC AND/OR OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
- CONTRACTOR SHALL ADJUST ALL VALVES, MANHOLES, CASTINGS, GAS VENTS, ETC., TO MATCH THE NEW SURFACE. ADJUSTMENT SHALL BE COORDINATED WITH THE UTILITY COMPANIES AND THE COST FOR ALL ADJUSTMENTS SHALL BE INCIDENTAL TO THE CONSTRUCTION. AT NO ADDITIONAL COST TO THE OWNER, REPAIR ANY DAMAGE TO SAID STRUCTURES AND APPURTENANCES THAT OCCUR DURING CONSTRUCTION.
- A LIMITED NUMBER OF SUBSURFACE INVESTIGATIONS HAVE BEEN CONDUCTED ON THE SITE AND CAN BE FOUND IN THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY ALLENDER BUTZKE ENGINEERS PROJECT NUMBER 261193. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN SUBSURFACE INFORMATION THAT MAY AFFECT COSTS. IF ADVERSE SUBSURFACE CONDITIONS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER REPRESENTATIVE IMMEDIATELY.
- CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION 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 FORTY-EIGHT (48) HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. EXACT LOCATION, ELEVATION AND INVERTS OF ALL UTILITIES SERVICES AND CONNECTIONS MUST BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES SO THE CONFLICT MAY BE RESOLVED.
- IOWA CODE 480, UNDERGROUND FACILITIES INFORMATION, REQUIRES VERBAL NOTICE TO IOWA ONE-CALL BY CALLING 811 OR 1-800-292-8989, NOT LESS THAN 48 HOURS BEFORE EXCAVATING, EXCLUDING WEEKENDS AND HOLIDAYS.
- CONTRACTOR SHALL SCHEDULE A UTILITY LOCATING SERVICE AND/OR NOTIFY ALL UTILITY COMPANIES (GAS, ELECTRIC, TELEPHONE, CABLE, ETC.) AND THE LOCAL MUNICIPALITY TO DETERMINE THE LOCATION AND HORIZONTAL AND VERTICAL ELEVATION OF UNDERGROUND UTILITIES AND PROPOSED POINTS OF CONNECTION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION IN ORDER TO AVOID POTENTIAL CONFLICTS. IF CONFLICTS ARE FOUND, NOTIFY THE ENGINEER. IT IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING PUBLIC AND PRIVATE UTILITIES WHETHER INDICATED ON THE PLANS OR NOT AND TO HAVE THESE UTILITIES MARKED PRIOR TO CONSTRUCTION.

- NOTIFY UTILITY COMPANIES WHOSE FACILITIES ARE SHOWN ON THE PLANS OR KNOWN TO BE WITHIN CONSTRUCTION LIMITS PRIOR TO EACH STAGE OF CONSTRUCTION. NOTIFY THE APPROPRIATE PUBLIC AND PRIVATE UTILITY OWNER A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION ON ANY FACILITIES OWNED OR OPERATED BY THAT UTILITY.
- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES/OWNERS REGARDING OUTAGES, RELOCATION, ADJUSTMENT, CONNECTIONS, OR TEMPORARY SUPPORT OF THEIR FACILITIES. COORDINATE ALL UTILITY OUTAGES WITH PROVIDER OF UTILITY A MINIMUM OF 12 BUSINESS DAYS IN ADVANCE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT CRITICAL LOCATIONS TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION.
- THE MEANS OF THE WORK AND THE SAFETY OF THE CONTRACTOR'S EMPLOYEES ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. AT NO TIME WILL EITHER THE OWNER OR THE ENGINEER TAKE RESPONSIBILITY FOR EITHER THE MEANS OF THE WORK OR THE SAFETY OF THE CONTRACTOR'S EMPLOYEES.
- ALL OPEN EXCAVATIONS SHALL BE PROTECTED IN ACCORDANCE WITH REGULATORY REQUIREMENTS.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION. ANY DAMAGE CAUSED BY A FAILURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. DEWATERING ACTIVITIES SHALL START AT THE BEGINNING OF THE NEXT BUSINESS DAY AFTER A WEATHER EVENT AND BE COMPLETED NO LATER THAN BY THE END OF THAT DAY.
- CONSTRUCTION ACTIVITIES ARE TO BE LIMITED TO THE EXISTING RIGHT-OF-WAY, TEMPORARY CONSTRUCTION EASEMENTS, OR LIMITS OF THE PROJECT AS INDICATED ON THE PLANS. IF ADDITIONAL AREAS ARE NEEDED FOR STAGING, STORAGE, ETC., IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN WRITTEN PERMISSION FROM THE PROPERTY OWNER(S). COPIES OF THE AGREEMENTS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE PRIOR TO THE USE OF THE PROPERTY.
- ALL EMERGENCY ACCESS LANES WITHIN THE PROJECT AREA SHALL REMAIN IN SERVICE, CLEAN OF DEBRIS, AND ACCESSIBLE FOR USE BY EMERGENCY VEHICLES.
- SITE CLEAN-UP TO BE PERFORMED ON A DAILY BASIS. SIDEWALKS, PARKING LOTS, ROADWAYS, ETC. WITHIN AND ADJACENT TO PROJECT LIMITS SHALL BE KEPT CLEAN AT ALL TIMES. ALL COSTS FOR CLEANING SHALL BE INCIDENTAL TO THE CONTRACT.
- ALL INSPECTIONS REQUIRED FOR PUBLIC OR PRIVATE IMPROVEMENTS SHALL BE FACILITATED BY THE CONTRACTOR.
- CONTACT THE OWNER FOR PROCEDURES FOR HANDLING CONTAMINATED SOILS IF LOCATED ON SITE.
- PRIOR TO INITIAL ACCEPTANCE BY THE OWNER(S) AND/OR GOVERNING AUTHORITY, ALL WORK SHALL BE REVIEWED AND APPROVED BY THE OWNER AND ENGINEER OR THEIR REPRESENTATIVE(S). THE CONTRACTOR SHALL GUARANTEE THEIR WORK FOR A PERIOD OF 12 (TWELVE) MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION AND SHALL BE HELD RESPONSIBLE FOR ANY DEFECTS IN MATERIAL OR WORKMANSHIP OF THIS WORK DURING THAT PERIOD AND UNTIL FINAL ACCEPTANCE IS MADE.
- ALL TRAFFIC AND PEDESTRIAN CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROVIDE TRAFFIC AND PEDESTRIAN CONTROL MEASURES (SIGNS, BARRICADES, FLAGGERS, ETC.) IN COMPLIANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION AND THE CITY OF DES MOINES STANDARDS. MAINTENANCE OF SIGNS, BARRICADES, ETC. WILL BE REQUIRED THROUGHOUT CONSTRUCTION TO ENSURE PROPER MEASURES REMAIN IN PLACE AND EFFECTIVE DURING THE PROJECT.
- WHEN PERFORMING WORK WITHIN THE PUBLIC RIGHT OF WAY, CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLAN TO CITY ENGINEER AT LEAST SEVEN (7) DAYS PRIOR TO STARTING WORK. IF THE AUTHORITY HAVING JURISDICTION REQUIRES ADDITIONAL TRAFFIC CONTROLS, IT SHALL BE INCIDENTAL TO THE PROJECT.
- ALL PROPERTY MARKERS AND SURVEY REFERENCE MARKERS SHALL BE CAREFULLY PRESERVED DURING CONSTRUCTION UNTIL THEIR LOCATION HAS BEEN WITNESSED OR OTHERWISE TIED IN BY AN AUTHORIZED AGENT OR PROFESSIONALLY LICENSED SURVEYOR.
- REPLACE ANY PROPERTY MONUMENTS REMOVED OR DESTROYED BY CONSTRUCTION. MONUMENTS SHALL BE SET BY A LAND SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF IOWA.
- ALL CONSTRUCTION STAKING, LAYOUT, SCHEDULING, AND PAYMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

ELECTRICAL ENGINEER

	I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.
	SIGNATURE: <i>Kevin Bruxvoort</i> DATE: 06/24/2026 PRINTED OR TYPED NAME: KEVIN J. BRUXVOORT LICENSE NUMBER: P19927 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2027 PAGES, SHEETS OR DIVISIONS COVERED BY THIS SEAL: ALL 'E' SHEETS

CIVIL ENGINEER

	I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.
	SIGNATURE: <i>Hunter D. Mandernach</i> DATE: 06/24/2026 PRINTED OR TYPED NAME: HUNTER D. MANDERNACH LICENSE NUMBER: P28713 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2027 PAGES, SHEETS OR DIVISIONS COVERED BY THIS SEAL: ALL 'C' SHEETS

CAPITOL COMPLEX PARKING LOT 2 REPLACEMENT

CONSTRUCTION
ISSUE DATE: 06/24/2026

C000

SHIVE-HATTERY
ARCHITECTURE+ENGINEERING

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
9536.00
1305 E WALNUT ST., DES MOINES, IA 50319

PROJECT NUMBER: 2260005070

800.798.0313 | SHIVE-HATTERY.COM

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A	B	C	D	E	F
<p>CONSTRUCTION STAGING NOTES:</p> <ol style="list-style-type: none"> CONTRACTOR SHALL COORDINATE ALL STAGING AREAS WITH THE OWNER AND OWNER'S REPRESENTATIVE. LOT 3 WILL BE AVAILABLE FOR CONTRACTOR PARKING AND STAGING OF EQUIPMENT AND MATERIALS. COORDINATION WITH OWNER AND OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROVIDE BARRICADES, FENCING OR OTHER DEVICES TO KEEP UNAUTHORIZED PERSONNEL OUT OF PROJECT SITE AND STAGING AREA. MAINTENANCE OF SIGNS, BARRICADES, ETC. WILL BE REQUIRED THROUGHOUT CONSTRUCTION TO ENSURE PROPER MEASURES REMAIN IN PLACE AND EFFECTIVE DURING THE PROJECT. UPON CONSTRUCTION COMPLETION, STAGING AREA TO BE RETURNED TO EXISTING CONDITION. <p>TRAFFIC AND PEDESTRIAN CONTROL NOTES:</p> <ol style="list-style-type: none"> CONTRACTOR TO COORDINATE WITH CAPITOL COMPLEX PRIOR TO CLOSING DOWN STREET PARKING DURING CONSTRUCTION. ACCESS TO ADJACENT BUILDINGS, DRIVES, PARKING AND SIDEWALKS ARE TO BE MAINTAINED THROUGHOUT CONSTRUCTION UNLESS APPROVED BY OWNER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL TRAFFIC DURING CONSTRUCTION AND PROVIDE ADEQUATE TRAFFIC AND PEDESTRIAN CONTROL AND SIGNAGE. CONTRACTOR TO INSTALL AND MAINTAIN CONSTRUCTION FENCE AROUND ALL AREAS OF ACTIVE CONSTRUCTION. CONTRACTOR SHALL ASSUME PEDESTRIAN TRAFFIC WILL BE IN THE AREA THROUGHOUT THE PROJECT DURATION. PEDESTRIAN ACCESS MUST BE MAINTAINED TO ALL BUILDINGS THROUGHOUT CONSTRUCTION. COORDINATE WITH FACILITY AND CONSTRUCTION MANAGER ON PHASING AND SHUT DOWN OF ALL DRIVES AND SIDEWALKS. TEMPORARY GRANULAR PATCHES WILL BE REQUIRED FOR ANY DRIVES AND SIDEWALKS WHICH ARE NOT PATCHED WITH CONCRETE IN A TIMELY MANNER TO LIMIT DISRUPTIONS TO CAMPUS TRAFFIC AND PEDESTRIAN FLOW. CONTRACTOR TO COORDINATE CONSTRUCTION ACCESS, STAGING AND PARKING AREAS WITH FACILITY AND CONSTRUCTION MANAGER AND MINIMIZE IMPACTS TO FACILITY'S OPERATIONS. 		<ol style="list-style-type: none"> MAINTAIN OPTIMUM MOISTURE CONTENT OF FILL MATERIALS TO ATTAIN REQUIRED COMPACTION DENSITY. REFER TO THE GEOTECHNICAL ENGINEERING REPORT FOR OPTIMUM MOISTURE CONTENT RANGES FOR FILL MATERIALS. PLACE FILL MATERIAL OF LOW PLASTICITY COHESIVE SOILS WITHIN ±2% TO ±3% OF OPTIMUM MOISTURE CONTENT. FOR GRANULAR MATERIAL, THE ACCEPTABLE RANGE IS -3% TO +3% OF OPTIMUM MOISTURE CONTENT. CONTRACTOR IS RESPONSIBLE FOR CONDITIONING/RECONDITIONING AS NEEDED AT NO ADDITIONAL COST TO THE OWNER. GRADING TOLERANCES ARE AS FOLLOWS: <ol style="list-style-type: none"> UNPAVED AREAS NEAR BUILDINGS, PARKING AREAS AND SIDEWALKS: +/- 0.10 FEET UNPAVED AREAS AWAY FROM BUILDINGS, PARKING AREAS AND SIDEWALKS: +/-0.15 FEET GRADING SURFACES OF FILL UNDER BUILDING SLAB: +0.04 FEET TO -0.10 FEET SUBGRADE SURFACES: +/- 0.15 FEET EVENLY RESPREAD TOPSOIL STOCKPILE TO A MINIMUM 6 INCHES DEPTH WITHIN PROPOSED PERVIOUS AREAS. PROPOSED ELEVATIONS INDICATE FINISHED GRADE CONDITIONS. FOR ROUGH GRADING ELEVATIONS ALLOW FOR THE THICKNESS OF THE PROPOSED PAVEMENT SECTION (ROADS, WALKS, DRIVE, ETC.) OR TOPSOIL AS INDICATED ON THE PLANS. CONTRACTOR SHALL PROVIDE UNIFORM SLOPES BETWEEN NEW AND EXISTING GRADES AND AVOID ANY RIDGES AND/OR DEPRESSIONS, UNLESS CALLED OUT ON THE PLANS. FINISH CONTOURS AND SPOT ELEVATIONS SHOWN ARE TO TOP OF PAVEMENT OR TO TOP OF TOPSOIL, UNLESS OTHERWISE NOTED. UNSUITABLE SOILS MAY EXIST IN THE AREAS OF THE SITE REQUIRING FILL. THESE SOILS MAY NEED TO BE REMOVED AND REPLACED WITH STABILIZED SUBGRADE. REFER TO THE GEOTECHNICAL ENGINEERING REPORT OR SPECIFIC INFORMATION CONCERNING THE LOCATION OF UNSUITABLE SOILS AND CORRECTIVE ACTION NECESSARY WHEN ENCOUNTERING THESE SOILS. STABILIZED SUBGRADE MATERIAL SHALL BE APPROVED BY THE ENGINEER/OWNER. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IF UNSUITABLE SOILS ARE ENCOUNTERED DURING CONSTRUCTION. CONSTRUCTION SHALL NOT PROCEED UNTIL UNSUITABLE SOILS ARE PROPERLY REMOVED AND REPLACED BY STABILIZED SUBGRADE MATERIALS TO THE SATISFACTION OF THE OWNER. 		<p>PAVEMENT GENERAL NOTES:</p> <ol style="list-style-type: none"> ALL DIMENSIONS AND CURB RADII SHOWN ARE MEASURED FROM BACK OF CURB TO BACK OF CURB/EDGE OF PAVEMENT TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. ALL SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ANY AREAS OF EXISTING OR PROPOSED PAVEMENTS THAT HAVE POTENTIAL TO POND WATER AND MAKE ANY ADJUSTMENTS NECESSARY TO ENSURE THAT WATER WILL POSITIVELY DRAIN ACROSS THE PAVING OR OVERLAY. ALL SIDEWALKS SHALL BE CONSTRUCTED PER SUDAS SECTION 7030. ALL PROPOSED PAVEMENT PATCHES ARE APPROXIMATE ONLY AND SHOULD BE CONSIDERED MINIMUM REMOVAL EXTENTS. EXTEND AND ADJUST PAVEMENT PATCHES AS REQUIRED WITH PRIOR APPROVAL BY THE OWNER'S REPRESENTATIVE. <p>PCC PAVEMENT NOTES:</p> <ol style="list-style-type: none"> ALL PROPOSED PCC PAVEMENT SHALL BE PROTECTED ACCORDING TO SUDAS SECTION 7010-3.04. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND 2,800 PSI AT 7 DAYS. WITH AIR CONTENT OF 7.0% ± 1.5% FOR HAND FINISHED OR 8.0% ± 2.0% FOR MACHINE FINISHED, AND LIMESTONE AGGREGATE 1-1/2 INCH MAXIMUM SIZE. SLUMP SHALL BE 12" - 4" FOR HAND FINISHED OR 12" - 2" FOR MACHINE FINISHED. PROVIDE ENGINEER WITH CONCRETE MIX DESIGN FOR APPROVAL. MATERIALS AND MIXING FOR ALL CONCRETE WORK, UNLESS OTHERWISE SPECIFIED, SHALL CONFORM TO SUDAS SPECIFICATION 7010 FOR AIR-ENTRAINED TYPE C-4WR MIX WITH TYPE I CEMENT. M-MIX CAN BE USED WITH APPROVAL OF ENGINEER. COARSE AGGREGATE DURABILITY SHALL BE CLASS III, 3/4" MAX. FLY ASH MAY BE USED. FLY ASH TO BE ASTM C618, TYPE C AND NOT TO EXCEED 15% OF CEMENTITIOUS MATERIAL. ONE SET OF TEST CYLINDERS REQUIRED FOR EACH 100 C.Y. OR ONE PER DAY IF LESS THAN 100 CY FROM SAME READY MIX PLANT. TESTING TO BE COMPLETED BY AN INDEPENDENT TESTING LABORATORY AND PAID FOR BY OWNER. CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL REQUIRED TESTING AND GEOTECHNICAL WORK. SUBMIT ALL REPORTS TO THE ENGINEER. PER SUDAS SECTION 7010, CONTRACTOR SHALL APPLY WHITE PIGMENT LIQUID CURING COMPOUND IN A FINE SPRAY TO FORM CONTINUOUS UNIFORM FILM AFTER FINISHING AND SURFACE MOISTURE HAS DISAPPEARED, OR WITHIN 30 MINUTES OF PLACEMENT. COLD-WEATHER PLACEMENT: COMPLY WITH SUDAS SECTION 7010 AND AS FOLLOWS. PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH THAT COULD BE CAUSED BY FROST, FREEZING ACTIONS, OR LOW TEMPERATURES. IT IS THE OWNER'S PREFERENCE TO AVOID COLD WEATHER CONCRETE. <ol style="list-style-type: none"> WHEN AVERAGE HIGH AND LOW TEMPERATURE IS EXPECTED TO FALL BELOW 40 DEG F FOR THREE SUCCESSIVE DAYS, MAINTAIN DELIVERED CONCRETE MIXTURE TEMPERATURE WITHIN THE TEMPERATURE RANGE REQUIRED BY SUDAS SECTION 7010. DO NOT USE FROZEN MATERIALS OR MATERIALS CONTAINING ICE OR SNOW. DO NOT PLACE CONCRETE ON FROZEN SUBGRADE OR ON SUBGRADE CONTAINING FROZEN MATERIALS. DO NOT USE CALCIUM CHLORIDE, SALT, OR OTHER MATERIALS CONTAINING ANTIFREEZE AGENTS OR CHEMICAL ACCELERATORS UNLESS OTHERWISE SPECIFIED AND APPROVED IN MIXTURE DESIGNS. CURBS SHALL BE CAST INTEGRAL WITH CONCRETE PAVEMENT UNLESS NOTED OTHERWISE. EDGES SHALL BE ROUNDED BUT NOT ROLLED. THE CONTRACTOR SHALL PROVIDE THE ENGINEER A PAVEMENT POURING DIAGRAM TO THE OWNER AND ENGINEER FOR APPROVAL PRIOR TO PAVING OPERATIONS. DESIGN FILE AND ADDITIONAL PAVEMENT ELEVATIONS AT JOINTS CAN BE COORDINATED WITH ENGINEER TO FACILITATE STAKING, LAYOUT, AND DESIGNED DRAINAGE PATTERNS UPON REQUEST. 	
<p>SITE PREPARATION AND DEMOLITION NOTES:</p> <ol style="list-style-type: none"> ALL EXISTING BUILDINGS, FOUNDATIONS, CONCRETE OR ASPHALT PAVEMENT OR WALKS, CURB AND GUTTER, AND MISCELLANEOUS STRUCTURES (INCLUDING, BUT NOT LIMITED TO FENCES, POLES, YARD LIGHTS, ELECTRICAL PANELS, WHEEL STOPS, AND MISCELLANEOUS DEBRIS) NOTED TO BE REMOVED AND/OR EXCESS MATERIAL (EXCAVATED MATERIAL OR BROKEN CONCRETE) WHICH IS NOT DESIRABLE TO BE INCORPORATED INTO THE WORK INVOLVED ON THIS PROJECT SHALL BE DEMOLISHED, REMOVED FROM THE SITE, AND LEGALLY DISPOSED OF BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR LEGAL DISPOSAL SITES FOR DEMOLISHED ITEMS. NO PAYMENT FOR OVERHAUL WILL BE ALLOWED FOR MATERIAL HAULED TO THESE SITES. NO MATERIAL SHALL BE PLACED WITHIN THE EASEMENTS, UNLESS SPECIFICALLY STATED IN THE PLANS OR APPROVED BY THE ENGINEER. DISPOSAL SITES MUST BE APPROVED BY THE ENGINEER OR OWNER. CONTRACTOR SHALL APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA TO PREVENT THE SPREAD OF DUST. OFF-SITE DISPOSAL SHALL BE IN ACCORDANCE WITH THE APPLICABLE GOVERNMENTAL REGULATIONS. REMOVAL REQUIREMENTS SHOWN ON THE PLANS SHOULD BE CONSIDERED MINIMUM REMOVAL AND REPLACEMENT REQUIREMENTS. CONTRACTORS SHALL ADJUST REMOVAL LIMITS AND DIMENSIONS AS REQUIRED BY CONSTRUCTION MEANS AND ACTUAL SITE CONDITIONS. CONTRACTORS SHOULD FACTOR ADDITIONAL ANTICIPATED REMOVAL AND REPLACEMENT REQUIREMENTS INTO THEIR BIDS AS ADDITIONAL COMPENSATION REQUESTS FOR ADJUSTED OR EXPANDED REMOVAL LIMITS WILL NOT BE APPROVED. CONTRACTOR SHALL REPLACE AT NO COST TO THE STATE ALL DAMAGED STREETS, DRIVES, SIDEWALKS, CURB AND GUTTER, SIGNS, PAVEMENT MARKINGS, LIGHTS, FENCES AND ALL OTHER SURFACE STRUCTURES NOT SCHEDULED TO BE REMOVED DURING THE COURSE OF THE WORK. WHERE A SECTION OF PAVEMENT, CURB AND GUTTER, OR SIDEWALK IS CUT OR OTHERWISE DAMAGED BY THE CONTRACTOR, THE ENTIRE SECTION SHALL BE REMOVED AND REPLACED. PAVEMENT, CURBS, GUTTERS, AND SIDEWALKS SHALL BE REMOVED A MINIMUM OF TWO FEET BEYOND THE EDGE OF THE TRENCH CUT AND TO THE NEAREST JOINT. CONTRACTOR SHALL DOCUMENT (OR PHOTOGRAPH) ALL CRACKED PCC PAVEMENT OR DAMAGED HMA PAVEMENT PRIOR TO CONSTRUCTION. IF NEW CRACKS IN PCC PAVEMENT DEVELOP OR HMA PAVEMENT IS DAMAGED DUE TO CONSTRUCTION TRAFFIC (EXTENDS BEYOND CONSTRUCTION LIMITS), THE CONTRACTOR SHALL REPLACE THE DAMAGED AREA AT NO ADDITIONAL COST TO THE OWNER. DOUBLE SAWCUT EDGES OF PAVEMENT FULL DEPTH PRIOR TO REMOVAL TO PREVENT DAMAGE TO ADJACENT SLABS AND FIXTURES. ALL SAW CUTTING SHALL UTILIZE VACUUMS TO ELIMINATE AIRBORNE DUST. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL TREES AND SHRUBS IN PROJECT AREA FROM DAMAGE DUE TO CONSTRUCTION ACTIVITY UNLESS SHOWN ON THE PLANS OR DIRECTED BY THE OWNER'S REPRESENTATIVE. IF DAMAGED DURING CONSTRUCTION, REPLACE AT NO COST TO THE OWNER. REPLACE TREES WITH (1) EQUIVALENT TREE UP TO 6" CALIPER AND (1) ADDITIONAL TREE FOR EVERY 6" CALIPER BEYOND THAT. ALL PLANTS THAT ARE DESTROYED OR DAMAGED SHALL BE REPLACED WITH NEW PLANTS OF THE EQUIVALENT TYPE. REMOVAL AND DISPOSAL OF EXISTING TREES AND SHRUBS WITHIN CONSTRUCTION LIMITS AS SHOWN ON THE PLANS SHALL BE INCIDENTAL TO THE PROJECT. STUMPS ARE TO BE GROUND TO TWO FEET BELOW FINISHED GRADE. TREES THAT QUALIFY FOR ENDANGERED BAT HABITAT ARE TO BE FELLED BETWEEN OCTOBER 1ST AND MARCH 31ST. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK WITH THE MUNICIPALITY AND OWNER'S REPRESENTATIVE TO ENSURE PROTECTION AND MAINTENANCE OF EXISTING SITE FEATURES NOT NOTED FOR REMOVAL. FIRE PROTECTION ACCESS AND FIRE HYDRANTS SHALL BE MAINTAINED THROUGHOUT THE PROJECT. ALL EXISTING FIRE HYDRANTS SHALL BE PROTECTED AND MAINTAINED. THE CONTRACTOR SHALL COORDINATE ANY DISRUPTION OF EXISTING UTILITIES SERVING THE FACILITY WITH THE OWNER AND OWNER'S REPRESENTATIVE. THE DEMOLITION PLAN IS INTENDED TO SHOW REMOVAL OF KNOWN SITE FEATURES AND UTILITIES AS SHOWN ON THE SURVEY PROVIDED TO THE ENGINEER FOR DESIGN. THERE MAY BE OTHER SITE FEATURES, UTILITIES, STRUCTURES, AND MISCELLANEOUS ITEMS BOTH BURIED AND ABOVE GROUND THAT ARE WITHIN THE LIMITS OF WORK THAT MAY REQUIRE REMOVAL FOR THE PROPOSED SITE IMPROVEMENTS BUT THAT ARE NOT SHOWN HEREIN. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF SUCH ITEMS. VOIDS LEFT BY ANY ITEM REMOVED (FENCE POST, UTILITIES, SIGN, ETC.) SHALL BE BACKFILLED IN ACCORDANCE WITH SUDAS SPECIFICATION AND THE PROJECT SPECIFICATIONS AND GEOTECHNICAL ENGINEERING REPORT. ALL EXISTING SANITARY SEWERS, STORM SEWERS, WATER MAINS OR IRRIGATION LINES AND APPURTENANCES NOTED FOR REMOVAL WITHIN THE AREA OF THE PROPOSED CONSTRUCTION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR. 		<p>EROSION CONTROL NOTES:</p> <ol style="list-style-type: none"> USE ALL AVAILABLE MEANS TO MINIMIZE THE AMOUNT OF SOIL EROSION CAUSED BY THE WORK OF THE PROJECT. THIS INCLUDES RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DEVICES INDICATED. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER. CONTROL DUST FROM ALL WORK AND STAGING AREAS. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DEVICES SHALL BE INSTALLED AND FUNCTIONAL BEFORE THE SITE IS OTHERWISE DISTURBED. THEY SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SITE STABILIZATION HAS BEEN ACHIEVED (SEE STORMWATER POLLUTION PREVENTION PLAN FOR ADDITIONAL INFORMATION AND DETAILS). SEE PLANS FOR MINIMUM EROSION AND SEDIMENT CONTROL MEASURES. STABILIZE ALL DISTURBED AREAS IMMEDIATELY IF THEY REMAIN INACTIVE FOR 14 DAYS OR MORE WITH A TEMPORARY SEED MIX PER SUDAS SPECIFICATION 9010. TEMPORARY SEEDING SHALL BE INCIDENTAL TO THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, PERIODIC CHECKING AND REINSTALLATION/MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES. EROSION CONTROL DEVICES SHALL BE CHECKED ONCE PER WEEK AND AFTER EACH RAINFALL TO ENSURE WORKING ORDER. <p>STORMWATER POLLUTION PREVENTION PLAN:</p> <ol style="list-style-type: none"> A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS INCLUDED IN THE PROJECT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE PLAN WITHIN THE CONTRACT LIMITS OF THE PROJECT. THE PROJECT WILL HAVE A TOTAL DISTURBED AREA OF MORE THAN ONE ACRE REQUIRING AN IOWA DEPARTMENT OF NATURAL RESOURCES (IDNR) NPDES GENERAL PERMIT #2 FOR THE PROJECT. THE CONTRACTOR SHALL BE A CO-PERMITTEE WITH THE OWNER AND THE CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING ALL STORM WATER AND NPDES PERMIT REQUIREMENTS. THE PERMIT FEES, PUBLIC NOTICES, AND PERMIT APPLICATION WILL BE COMPLETED AND PAID FOR BY THE OWNER. A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND EROSION CONTROL PLAN WILL BE PREPARED FOR THE PROJECT BY THE OWNER TO MEET THE MINIMUM DNR REQUIREMENTS AND WILL BE PROVIDED TO THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. MINIMAL EROSION CONTROL STRUCTURES ARE SHOWN ON THE PLANS AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THESE AND ADDITIONAL STRUCTURES AS SITE CONDITIONS WARRANT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING AND IMPLEMENTING THE SWPPP AND SHALL PROVIDE ALL NECESSARY AND REQUIRED STORM WATER CONTROLS FOR THE PROJECT AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR AND ALL SUBCONTRACTORS ARE REQUIRED TO SIGN A COPY OF THE CERTIFICATION STATEMENT CONTAINED IN THE PLAN, PRIOR TO START OF CONSTRUCTION. THE SIGNED COPIES SHALL BE KEPT WITH THE SWPPP IN THE CONTRACTOR'S FIELD OFFICE UNTIL THE PROJECT IS COMPLETE. THE CONTRACTOR SHALL PROVIDE INSPECTION OF THE CONSTRUCTION SITE AND MAINTAIN INSPECTION RECORDS IN ACCORDANCE WITH THE SWPPP. COPIES OF THE PLAN, ALL INSPECTION REPORTS AND CERTIFICATIONS PREPARED BY THE CONTRACTOR SHALL BE FORWARDED TO THE OWNER. 		<p>PCC JOINTING NOTES:</p> <ol style="list-style-type: none"> JOINTING SHOULD CONFORM TO SUDAS SECTION 7010. ALL JOINT TYPES REFERRED TO IN THE FOLLOWING NOTES OR ELSEWHERE ON THE PLANS ARE DETAILED IN IOWA SUDAS STANDARD DETAIL 7010.101. ALL SAW CUTTING SHALL UTILIZE VACUUMS TO ELIMINATE AIRBORNE DUST. WHERE ACCESS DRIVES INTERSECT EACH OTHER OR WHERE ACCESS DRIVES INTERSECT PARKING AREAS, THE JOINTING PLAN SHALL BE CONSTRUCTED PER IOWA SUDAS STANDARD DETAIL 7010.904. PROVIDE SUDAS TYPE 'RD' OR TYPE 'BT' JOINTS FOR TIE INTO EXISTING PAVING. PROVIDE SUDAS TYPE 'DW' JOINTS FOR END OF DAY PAVING. PROVIDE CONTROL JOINTS (SUDAS TYPE 'C') 12 FEET O/C MAXIMUM UNLESS NOTED OTHERWISE. TRANSVERSE JOINTS IN SIDEWALK PAVING SHOULD BE SPACED TO MATCH THE WIDTH OF THE SIDEWALK, NOT TO EXCEED 5 FEET. ALL JOINTS SHALL BE SEALED PER IOWA SUDAS STANDARD DETAIL 7010.101 DETAIL "A" AND IOWA SUDAS STANDARD SPECIFICATION SECTION 7010-3.02 L. INSTALL 1 INCH EXPANSION JOINT AT ALL LOCATIONS WHERE PAVEMENT ABUTS A BUILDING, STRUCTURE, STOOP, OR BACK-OF-CURB. ALL EXPANSION JOINTS SHALL BE SEALED WITH A PEDESTRIAN RATED, SELF-LEVELING, ELASTOMERIC POLYURETHANE SEALANT, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE SUBMITTAL OF ALL SEALANTS TO ENGINEER FOR REVIEW. CONTRACTOR TO SUBMIT JOINTING PLAN TO ENGINEER FOR APPROVAL PRIOR TO PAVING OPERATIONS. 	
<p>GRADING NOTES:</p> <ol style="list-style-type: none"> THE GEOTECHNICAL INVESTIGATION REPORT FOR THE SITE AND ALL ADDENDA THERETO ARE SUPPORTING DOCUMENTS FOR THIS PROJECT. THE RECOMMENDATIONS AS STATED IN SAID REPORT ARE HEREBY INCORPORATED INTO THESE CONSTRUCTION NOTES BY REFERENCE AND SHALL BE FOLLOWED BY ALL CONTRACTORS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION NOTES AND GEOTECHNICAL REPORT, FOLLOW THE GEOTECHNICAL REPORT. ALL GRADING AND SITE PREPARATION WORK SHALL CONFORM WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN THE GEOTECHNICAL REPORT AND SUDAS SECTION 2010. GEOTECHNICAL SERVICES AND ALL TESTING, INSPECTION AND SUPERVISION OF SOIL QUALITY, UNSUITABLE SOIL REMOVAL AND ITS REPLACEMENT, AND OTHER SOILS RELATED OPERATIONS SHALL BE PROVIDED BY AN INDEPENDENT TESTING LABORATORY AND PAID FOR BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL TESTING AND INSPECTION SERVICES. PROVIDE COMPACTION TESTS FOR AREAS UNDER PAVING AND MAKE ONE TEST PER 5,000 SQUARE FEET. TESTING TO BE DONE BY AN INDEPENDENT TESTING LABORATORY PAID FOR BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL REQUIRED TESTING AND INSPECTION SERVICES. NO ROCK EXCAVATION IS ANTICIPATED ON THIS PROJECT. SHOULD ROCK BE ENCOUNTERED DURING CONSTRUCTION, NOTIFY THE OWNER'S REPRESENTATIVE. STRIP EXISTING VEGETATION WITHIN THE PROJECT LIMITS AND AREAS TO RECEIVE FILL AS NOTED ON THE PLANS. STRIP EXISTING TOPSOIL 6 INCHES DEEP WITHIN THE PROJECT LIMITS AND AREAS TO RECEIVE FILL. STOCKPILE TOPSOIL FOR REUSE. EXCESS TOPSOIL MAY BE STOCKPILED ON SITE AT A LOCATION APPROVED BY THE OWNER'S REPRESENTATIVE. NOTE TOPSOIL DEPTHS MAY VARY ON-SITE. REFER TO THE GEOTECHNICAL ENGINEERING REPORT FOR SPECIFIC TOPSOIL DEPTHS BASED UPON THE SOIL INVESTIGATIONS OF THE SITE. PRIOR TO SUBGRADE PREPARATION, ANY EXISTING GRANULAR FILL SHALL BE REMOVED AND STOCKPILED FOR FUTURE USE. SUBGRADE AREAS UNDER NEW PAVING SHALL BE PROOF ROLLED AT PROPOSED SUBGRADE ELEVATION IN CUT AREAS AND AT LOWEST PROPOSED EXCAVATION DEPTH IN FILL AREAS TO DETERMINE IF DEEPER SUBGRADE PREPARATION IS REQUIRED. PROOFROLL ALL FILL AREAS TO IDENTIFY SOFT OR DISTURBED AREAS IN THE SUBGRADE. ALL UNSUITABLE MATERIAL IDENTIFIED SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL AND RECOMPACTED TO 95% STANDARD PROCTOR DENSITY. PROOFROLL WITH 25 TON MINIMUM GROSS VEHICLE WEIGHT. REMOVE AND RECOMPACT AREAS OF SUBGRADE WHICH ARE SOFT OR UNSTABLE TO MEET SPECIFIED LIMITS FOR DENSITY AND MOISTURE CONTENT. PAVED AREAS TO BE COMPACTED TO 95% STANDARD PROCTOR. SCARIFY AND RECOMPACT THE TOP 6 INCHES OF SUBGRADE IN ALL CUT AREAS AFTER ROUGH GRADING IS COMPLETED. COMPACT THE ENTIRE PAVING SUBGRADE TO 95% STANDARD PROCTOR DRY DENSITY TO WITHIN 1/2 INCHES OF FINAL SUBGRADE. SUBGRADE SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY FOR LOW- PLASTICITY COHESIVE SOILS AND 98% STANDARD PROCTOR DENSITY FOR GRANULAR SOILS. SUBGRADE PREPARATION SHALL BE A MINIMUM OF 6 INCHES DEEP AFTER FINE GRADING OR TRIMMING AND SHALL EXTEND TO A MINIMUM OF 2 FEET BEYOND THE EDGE OF THE PAVEMENT. DO NOT PLACE, SPREAD, OR COMPACT ANY FILL MATERIAL DURING UNFAVORABLE WEATHER CONDITIONS AND DO NOT RESUME COMPACTION OPERATIONS UNTIL MOISTURE CONTENT AND DENSITY OF IN-PLACE FILL MATERIAL ARE WITHIN SPECIFIED LIMITS. PLACE FILL MATERIAL IN 8 INCH MAXIMUM LIFTS. FILL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN PAVED AREAS. FILLS PLACED BELOW LAWN AREAS SHALL BE COMPACTED TO 90% OF MATERIALS MAXIMUM STANDARD PROCTOR DRY DENSITY (ASTM D699). FILL MATERIAL SHOULD CONSIST OF APPROVED MATERIALS WHICH SHALL BE SOIL OR SOIL AND ROCK MIXTURE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES. IT SHALL CONTAIN NO ROCKS OR LUMPS OF 6 INCHES IN GREATEST DIMENSION AND NOT MORE THAN 15% OF THE ROCKS OR LUMPS SHALL BE LARGER THAN 2-1/2 INCHES IN GREATEST DIMENSION. 		<p>SURFACE RESTORATION:</p> <ol style="list-style-type: none"> ALL DISTURBED AREAS NOT PAVED OR HARD SURFACE ON THE SITE SHALL RECEIVE 6 INCHES OF TOPSOIL. SCARIFY AREAS TO RECEIVE TOPSOIL TO A DEPTH OF 6 INCHES. REMOVE ALL STONES, WOOD, AND OTHER DEBRIS LARGER THAN 3 INCHES FROM AREAS TO RECEIVE TOPSOIL. DO NOT COMPACT TOPSOIL. ALL SOD SHALL FOLLOW SUDAS SPECIFICATION SECTION 9020. ALL AREAS DISTURBED BY CONSTRUCTION, NOT DESIGNATED AS PLANTED, TO BE SODDED. MAINTAIN ANY SODDED AREAS UNTIL AN ADEQUATE STAND OF GRASS HAS BEEN ESTABLISHED. RESOD ANY AREAS AS NECESSARY DURING MAINTENANCE PERIOD. CONTRACTOR IS RESPONSIBLE FOR PREPARING SOD, APPLYING SOD, AND THE FIRST MONTH OF WATER POST SOD PLACEMENT. OWNER WILL ASSUME RESPONSIBILITY OF WATERING AFTER ONE MONTH. <p>GENERAL UTILITY NOTES:</p> <ol style="list-style-type: none"> ALL UTILITY WORK, PUBLIC OR PRIVATE, SHALL BE DONE IN ACCORDANCE WITH SUDAS STANDARD SPECIFICATIONS AND CITY REQUIREMENTS. TRENCH, EXCAVATION AND BACKFILL SHALL FOLLOW DIVISION 3 SUDAS SPECIFICATION SECTIONS. DEWATERING IS INCIDENTAL TO THE PROJECT. THE CONTRACTOR SHALL MAKE PROVISIONS TO HANDLE WATER ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNER'S REPRESENTATIVE OF THE PROPOSED METHOD OF DEWATERING. CONTRACTOR SHALL CONSULT AVAILABLE SOIL INVESTIGATION REPORT(S). DEWATERING ACTIVITIES SHALL START NO LATER THAN THE BEGINNING OF THE NEXT BUSINESS DAY AFTER A WEATHER EVENT AND BE COMPLETED NO LATER THAN BY THE END OF THAT DAY. ADJUSTMENTS TO EXISTING UTILITY STRUCTURE MANHOLE/INTAKE RIM ELEVATIONS MAY REQUIRE BARREL SECTIONS TO BE REMOVED AND REPLACED AS NEEDED TO ADJUST TO THE PROPOSED ELEVATION. REQUIRED RIM ADJUSTMENTS SHALL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS NOT TO EXCEED MAXIMUM ADJUSTING HEIGHT AS SPECIFIED BY THE CITY. WITH A MAXIMUM OF TWELVE (12) INCHES IN OVERALL HEIGHT. A MAXIMUM OF TWO (2) ADJUSTING RINGS ARE ALLOWED. BUTYLOPE JOINT SEALANT SHALL BE USED ON ALL JOINTS BETWEEN THE PRECAST ELEMENTS. ALL MANHOLE CASTINGS EXTENDING INTO PAVEMENT SHALL MATCH PAVEMENT ELEVATIONS WITH ADDITIONAL ADJUSTMENTS AS NECESSARY. REFER TO ELECTRICAL PLANS FOR LIGHTING AND ELECTRIC DESIGN. ALL PROPOSED CONNECTIONS TO EXISTING UTILITY STRUCTURES OR PIPING SHALL BE IN ACCORDANCE WITH THE APPLICABLE GOVERNING AUTHORITY REQUIREMENTS AND SPECIFICATIONS. ALL EXISTING AND PROPOSED UTILITY CROSSINGS/CONFLICTS SHALL MEET OR EXCEED IOWA SUDAS HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL STORM FLOW ONSITE UNTIL NEW SYSTEM IS INSTALLED. CONTACT FIRE DEPARTMENT AND OWNER/OWNER'S REPRESENTATIVE OF ANY CHANGES THAT AFFECT FIRE/EMERGENCY. THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWING SET WITH WITNESS DIMENSIONS TO ALL CONNECTIONS. THESE DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE. ANY AND ALL DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER. <p>STORM SEWER NOTES:</p> <ol style="list-style-type: none"> ALL STORM SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE NOTES IN THE PLANS AND THE STANDARDS, SPECIFICATIONS, CODES, AND ORDINANCES OF THE LOCAL GOVERNING AUTHORITIES. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE. STORM SEWER PIPE AND STRUCTURES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH SUDAS DIVISIONS 4 AND 6. HDPE SUBDRAIN SHALL BE TYPE S CORRUGATED EXTERIOR AND SMOOTH INTERIOR HIGH DENSITY POLYETHYLENE PIPE WITH WATERTIGHT JOINTS AND TYPE SP PERFORATIONS PER SUDAS SPECIFICATIONS SECTION 4040. HDPE STORM SEWER PIPE BEDDING SHALL BE SUDAS DIVISION 3, SW-103 CLASS F-2, UNLESS NOTED OTHERWISE ON THE PLANS. HDPE SUBDRAIN PIPE BEDDING SHALL BE PER DETAIL. CONTRACTOR SHALL CONNECT ALL DRAINS INTO STORM INTAKES. SUBDRAINS SHALL BE CAPPED INSIDE INTAKE WHERE SUBDRAIN IS DRAINING AWAY. ALL STORM BENDS AND CONNECTIONS SHALL BE MANUFACTURED CONNECTIONS. PIPE LENGTHS SHOWN FOR STORM SEWER ARE MEASURED ALONG THE CENTERLINE OF THE PIPE, INCLUDING THE LENGTH THROUGH THE FITTINGS, FROM INSIDE EDGE TO INSIDE EDGE OF STRUCTURES. 		<p>PCC SIDEWALK NOTES:</p> <ol style="list-style-type: none"> ALL SIDEWALK RAMPS SHALL BE INSTALLED ACCORDING TO THE SUDAS SIDEWALK RAMP DETAILS AND IN FULL COMPLIANCE WITH PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY (ALSO KNOWN AS PROWAG) AND THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES. CONTRACTOR IS RESPONSIBLE FOR ALL COMPLIANCE WITH CROSS SLOPE AND GRADE REQUIREMENTS FOR ALL EXISTING RAMPS WHICH ARE REQUIRED TO BE REMOVED AND REPLACED AS PART OF THE PROPOSED IMPROVEMENTS. ADJUSTMENTS TO EXISTING RAMPS SHOULD BE ANTICIPATED TO BRING ALL DISTURBED RAMPS INTO COMPLIANCE INCLUDING THE REMOVAL OF SOME ADDITIONAL PAVING TO ACCOMMODATE REQUIRED SIDEWALK GRADES. IF THE CONSTRUCTION CANNOT BE COMPLETED ACCORDING TO THE SPECIFIED LIMITS THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO CONCRETE PLACEMENT TO REVIEW PROPOSED ADJUSTMENTS. USE MANUFACTURED DETECTABLE WARNING PANELS WITH A NON-SLIP SURFACE AND RAISED TRUNCATED DOMES MEETING PROWAG/ADA DIMENSION AND PLACEMENT REQUIREMENTS. DETECTABLE WARNING PANELS SHALL BE CAST IRON AND COLOR RUST RED (FED 22144). <p>PAVEMENT MARKING NOTES:</p> <ol style="list-style-type: none"> PAINT PARKING STRIPING AND SIDEWALK CURBS PER PLANS AND LOCAL CODES WHERE SHOWN ON PLANS. MINIMUM CURING TIME FOR PAVING SHALL BE 7 DAYS. PAINT ADA SYMBOLS AND STRIPING PER LOCAL CODES WHERE SHOWN ON PLANS. UTILIZE DURABLE PAINT PAVEMENT MARKINGS COMPLYING WITH SUDAS SPECIFICATION SECTION 8020. PAINTING SHALL NOT BEGIN UNTIL PAVEMENT SURFACE HAS BEEN POWER BROOMED AND HAND SWEEPED AS NECESSARY TO REMOVE LOOSE MATERIALS AND DIRT, AND NOT BEFORE ADEQUATE CURING TIME HAS BEEN OBTAINED ON THE PAVEMENT. APPLY PAINT AT MANUFACTURER'S RECOMMENDED RATES. ALL STRIPES ARE 4 INCHES WIDE UNLESS OTHERWISE INDICATED. ADA SYMBOLS SHALL CONFORM TO APPLICABLE ADA REGULATIONS. PLACE ALL PAVEMENT MARKING IN A GROOVE IN A SINGLE PASS, USING STACKED DIAMOND CUTTING HEADS MOUNTED ON A FLOATING HEAD WITH CONTROLS CAPABLE OF PROVIDING UNIFORM DEPTH AND ALIGNMENT. IF DRY CUTTING, USE EQUIPMENT THAT IS SELF VACUUMING. USE THE EQUIPMENT ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. GROOVE TO MEET SUDAS SPECIFICATIONS SECTION 8020.302. REFER TO SUDAS SPECIFICATION SECTION 8020.3.02 FOR TEMPERATURE REQUIREMENTS. 	
<p>GENERAL NOTES</p>					

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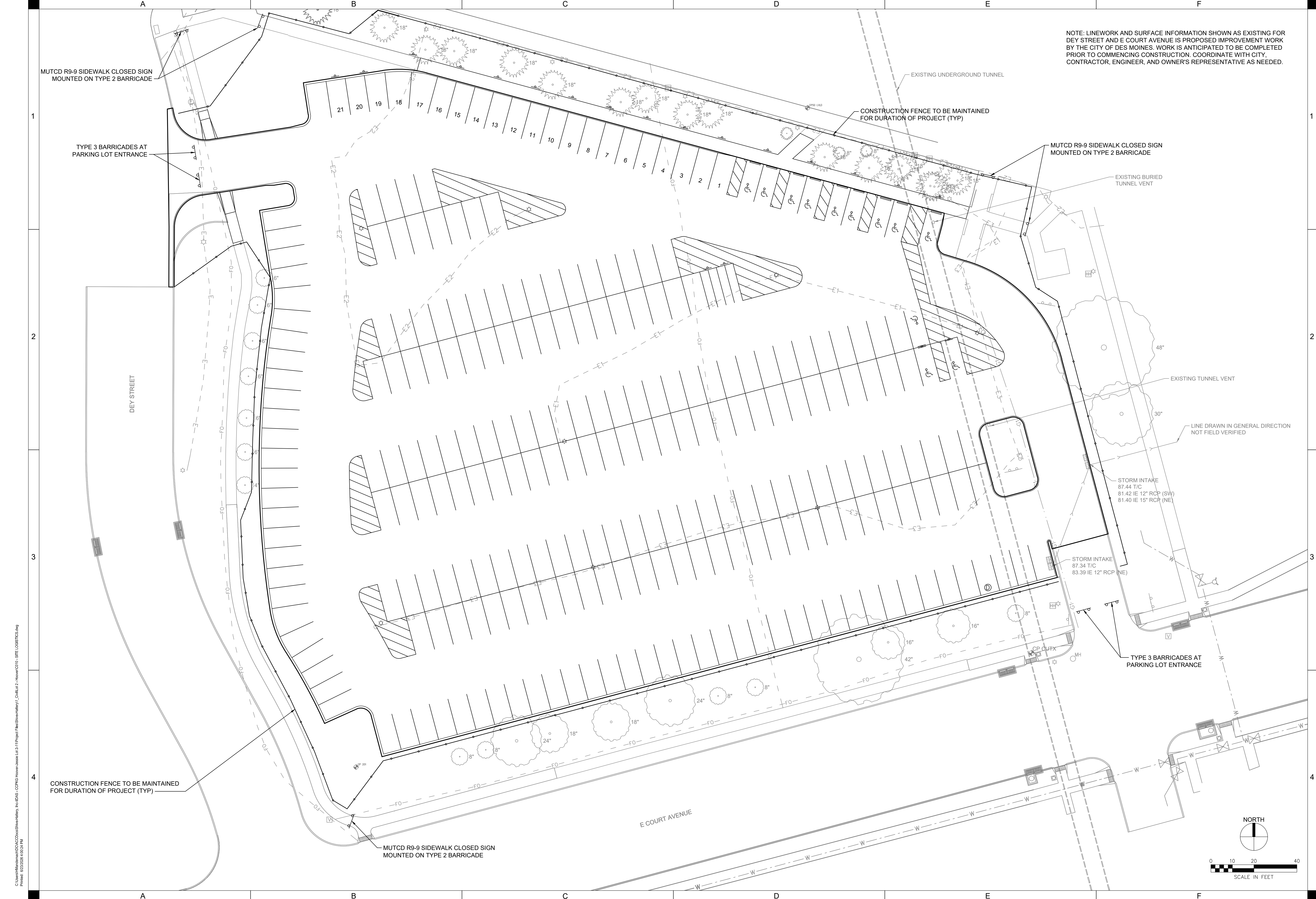
CAPITOL COMPLEX PARKING LOT 2 REPLACEMENT

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9636.00
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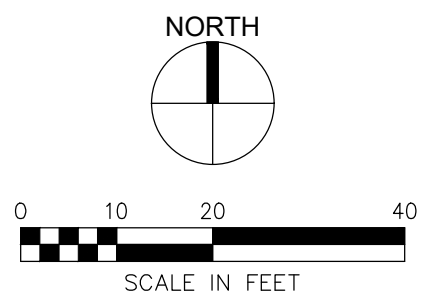
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APPROVED BY	HDM
ISSUED FOR	CONSTRUCTION
ISSUE DATE	06/24/2026
PROJECT NUMBER	2280065070
CLIENT PROJECT NUMBER	9636.00

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NOTE: LINEWORK AND SURFACE INFORMATION SHOWN AS EXISTING FOR DEY STREET AND E COURT AVENUE IS PROPOSED IMPROVEMENT WORK BY THE CITY OF DES MOINES. WORK IS ANTICIPATED TO BE COMPLETED PRIOR TO COMMENCING CONSTRUCTION. COORDINATE WITH CITY, CONTRACTOR, ENGINEER, AND OWNER'S REPRESENTATIVE AS NEEDED.



CAPITOL COMPLEX PARKING LOT 2 REPLACEMENT

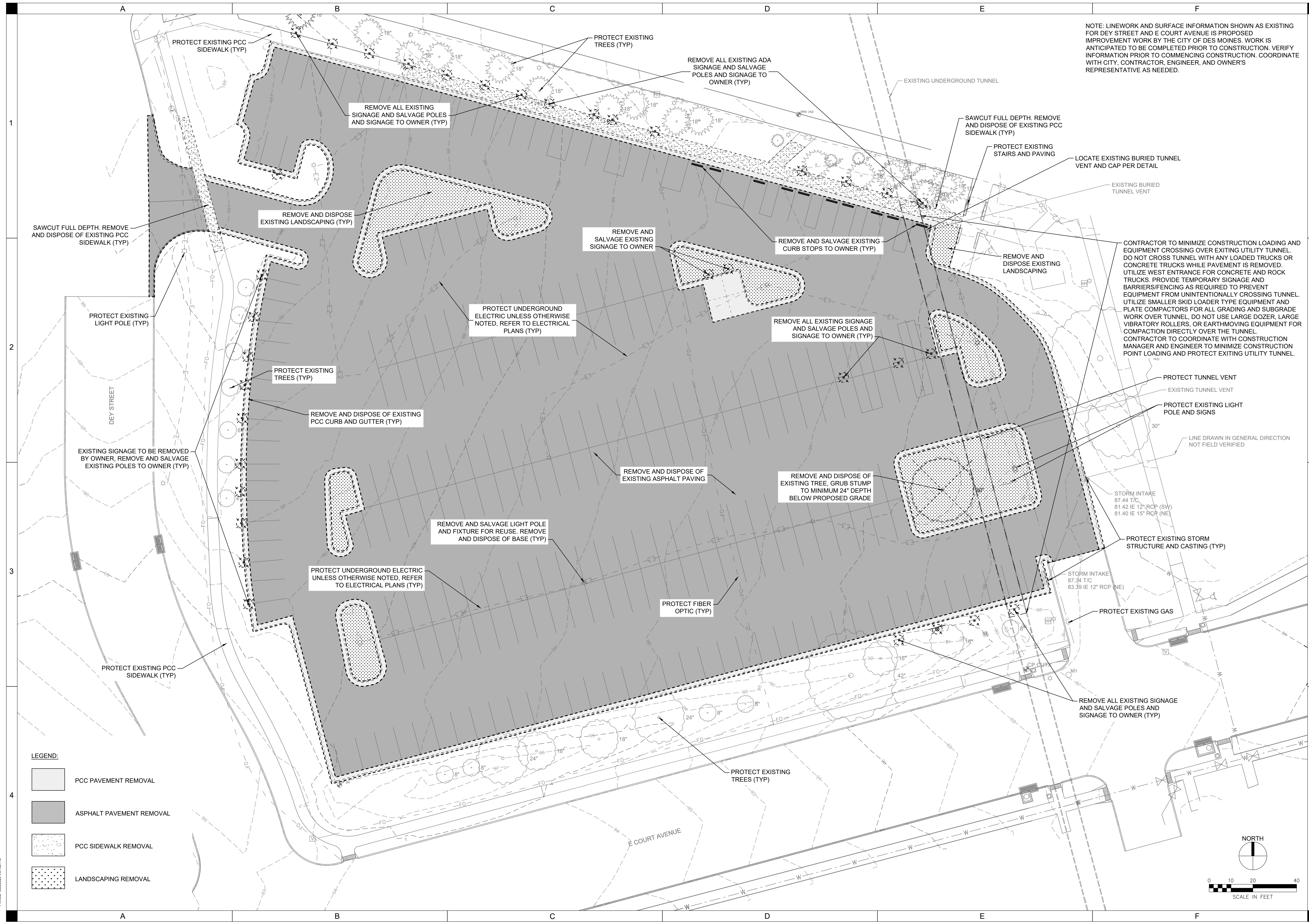
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1305 E WALNUT ST., DES MOINES, IA 50319

DRAWN BY	BDD
APPROVED BY	HDM
ISSUED FOR	CONSTRUCTION
ISSUE DATE	06/24/2026
PROJECT NUMBER	2280065070
CLIENT PROJECT NUMBER	9536.00

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ISSUE DATE	06/24/2026
PROJECT NUMBER	2280065070
CLIENT PROJECT NUMBER	9636.00

NOTE: LINEWORK AND SURFACE INFORMATION SHOWN AS EXISTING FOR DEY STREET AND E COURT AVENUE IS PROPOSED IMPROVEMENT WORK BY THE CITY OF DES MOINES. WORK IS ANTICIPATED TO BE COMPLETED PRIOR TO CONSTRUCTION. VERIFY INFORMATION PRIOR TO COMMENCING CONSTRUCTION. COORDINATE WITH CITY, CONTRACTOR, ENGINEER, AND OWNER'S REPRESENTATIVE AS NEEDED.



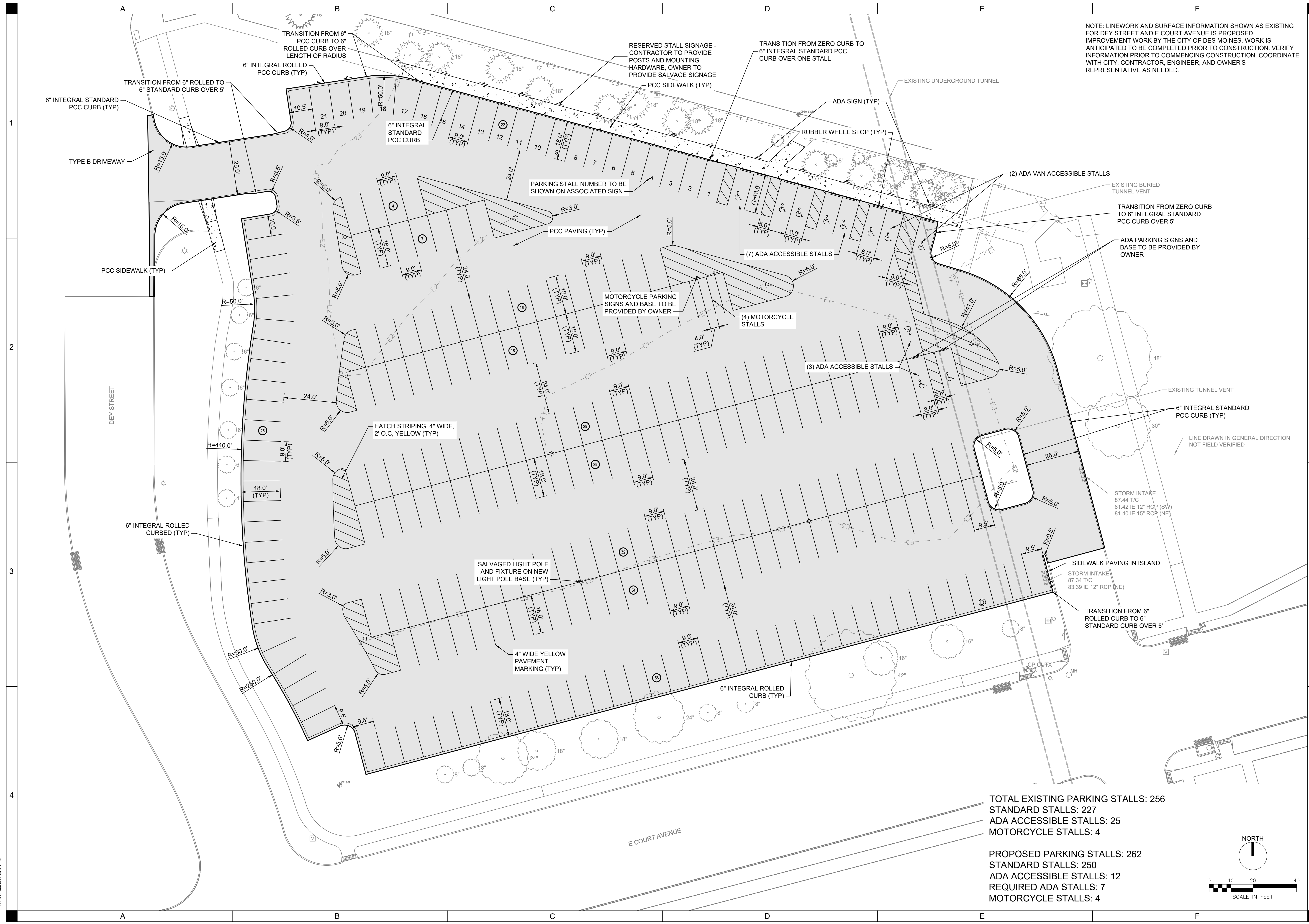
LEGEND:

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	ASPHALT PAVEMENT REMOVAL
	PCC SIDEWALK REMOVAL
	LANDSCAPING REMOVAL

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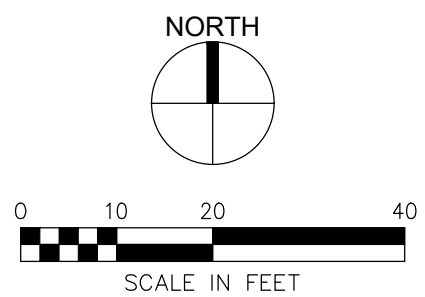
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NOTE: LINEWORK AND SURFACE INFORMATION SHOWN AS EXISTING FOR DEY STREET AND E COURT AVENUE IS PROPOSED IMPROVEMENT WORK BY THE CITY OF DES MOINES. WORK IS ANTICIPATED TO BE COMPLETED PRIOR TO CONSTRUCTION. VERIFY INFORMATION PRIOR TO COMMENCING CONSTRUCTION. COORDINATE WITH CITY, CONTRACTOR, ENGINEER, AND OWNER'S REPRESENTATIVE AS NEEDED.



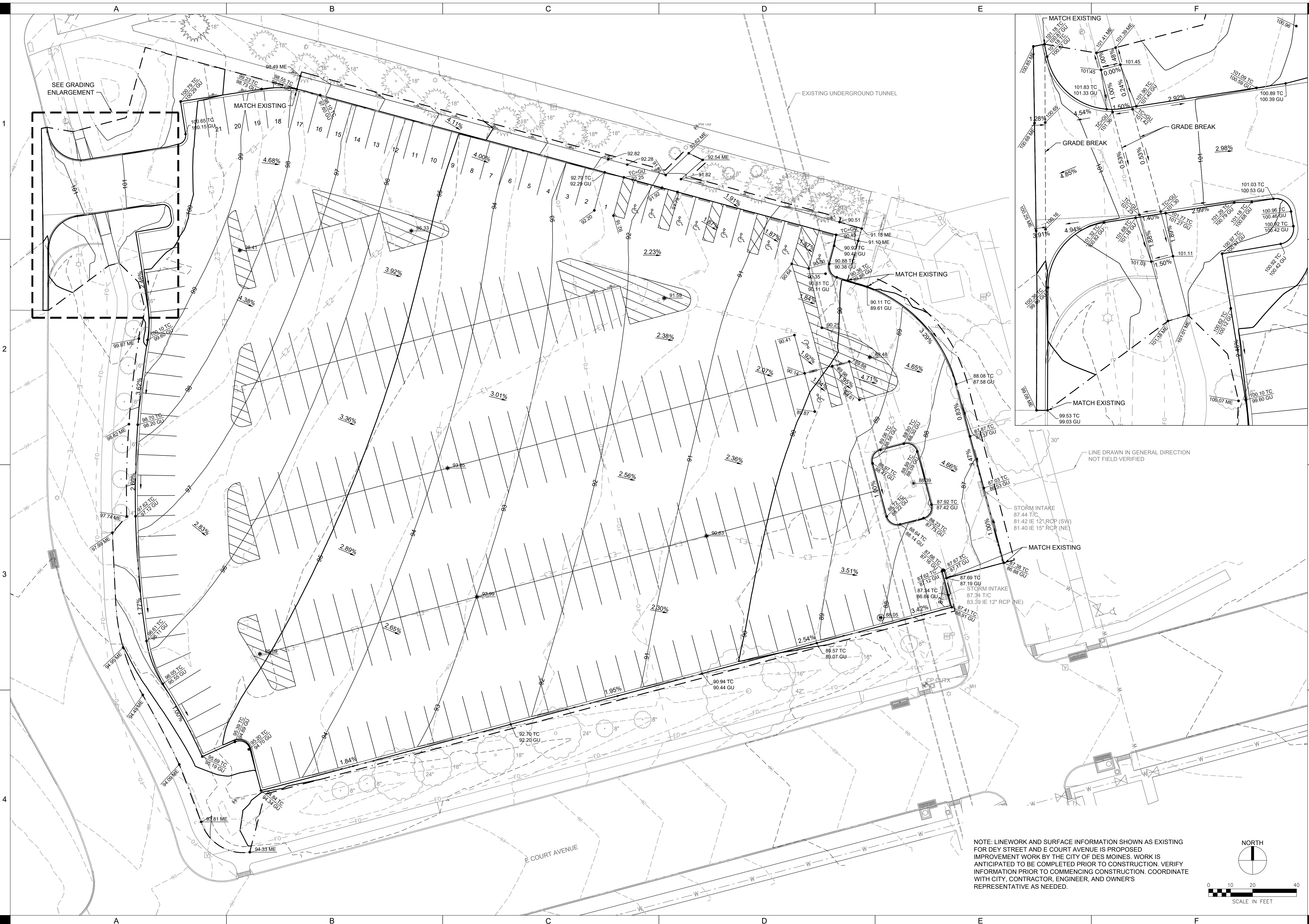
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STANDARD STALLS: 227
ADA ACCESSIBLE STALLS: 25
MOTORCYCLE STALLS: 4

PROPOSED PARKING STALLS: 262
STANDARD STALLS: 250
ADA ACCESSIBLE STALLS: 12
REQUIRED ADA STALLS: 7
MOTORCYCLE STALLS: 4



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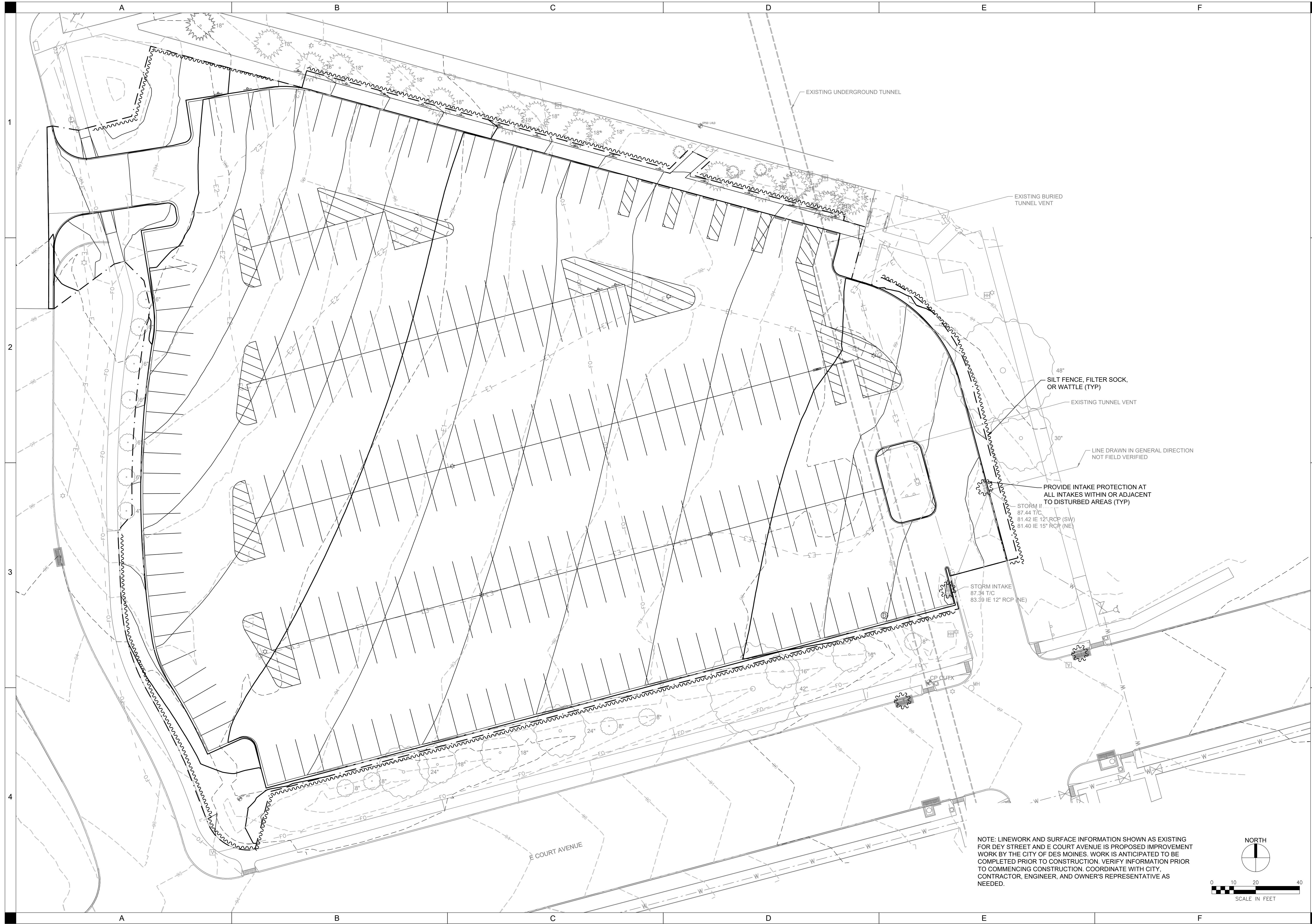
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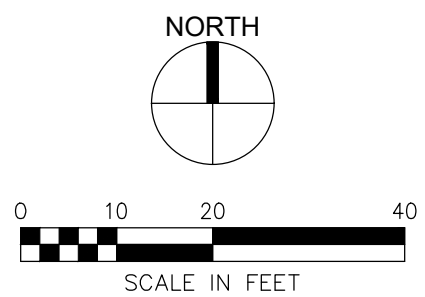
NOTE: LINEWORK AND SURFACE INFORMATION SHOWN AS EXISTING FOR DEY STREET AND E COURT AVENUE IS PROPOSED IMPROVEMENT WORK BY THE CITY OF DES MOINES. WORK IS ANTICIPATED TO BE COMPLETED PRIOR TO CONSTRUCTION. VERIFY INFORMATION PRIOR TO COMMENCING CONSTRUCTION. COORDINATE WITH CITY, CONTRACTOR, ENGINEER, AND OWNER'S REPRESENTATIVE AS NEEDED.

DRAWN BY	BDD
APPROVED BY	HOM
ISSUED FOR	CONSTRUCTION
ISSUE DATE	06/24/2026
PROJECT NUMBER	2280065070
CLIENT PROJECT NUMBER	9638.00

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NOTE: LINEWORK AND SURFACE INFORMATION SHOWN AS EXISTING FOR DEY STREET AND E COURT AVENUE IS PROPOSED IMPROVEMENT WORK BY THE CITY OF DES MOINES. WORK IS ANTICIPATED TO BE COMPLETED PRIOR TO CONSTRUCTION. VERIFY INFORMATION PRIOR TO COMMENCING CONSTRUCTION. COORDINATE WITH CITY, CONTRACTOR, ENGINEER, AND OWNER'S REPRESENTATIVE AS NEEDED.



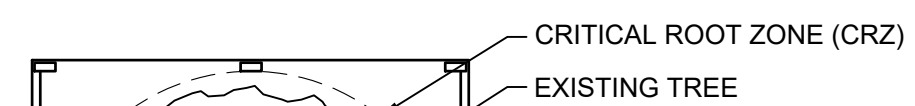
**CAPITOL COMPLEX PARKING LOT 2
REPLACEMENT**

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
9536.00
1305 E WALNUT ST, DES MOINES, IA 50319

DRAWN BY	BDD
APPROVED BY	HDM
ISSUED FOR	CONSTRUCTION
ISSUE DATE	06/24/2026
PROJECT NUMBER	2280065070
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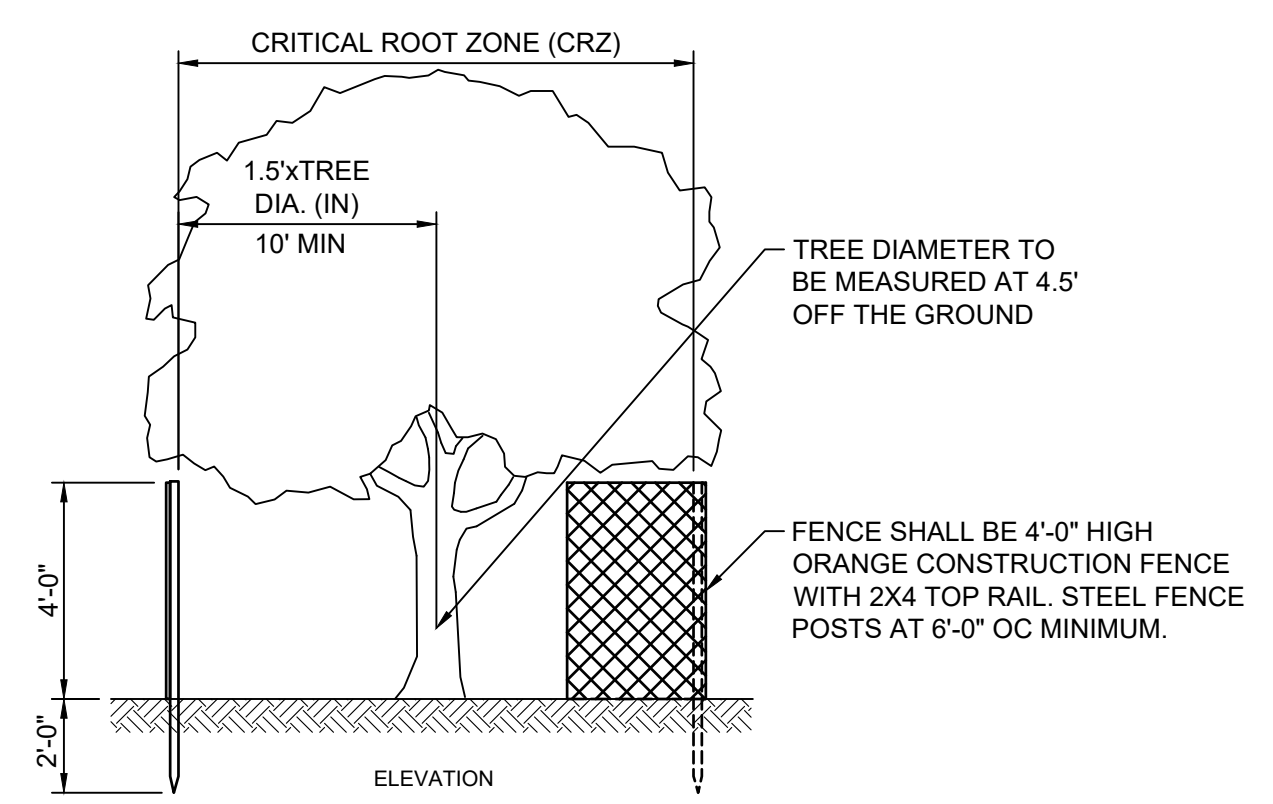
**EROSION AND
SEDIMENT
CONTROL PLAN**

C250

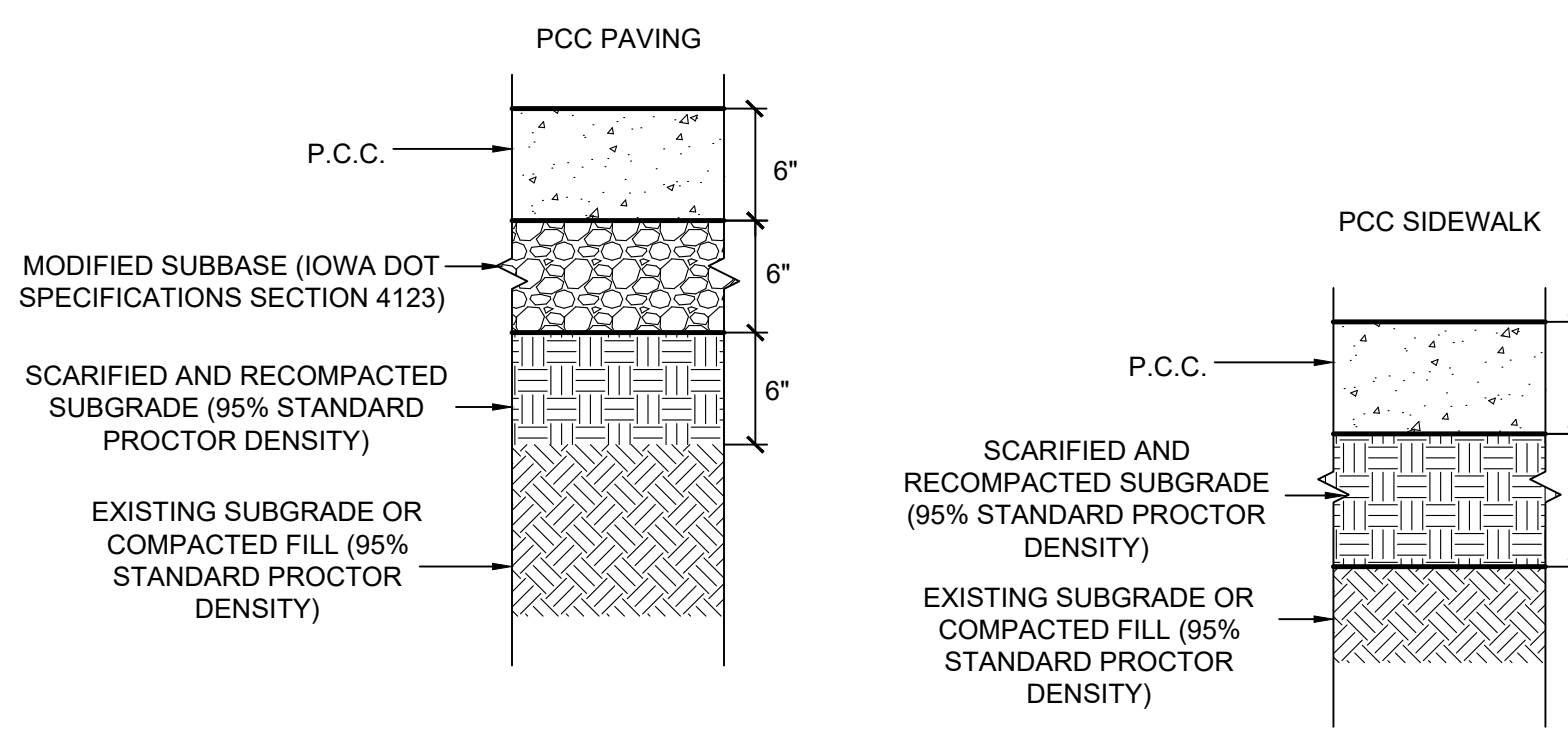


CRITICAL ROOT ZONE (CRZ)
EXISTING TREE

NOTE:
 1. TYPICAL ALL TREES INSIDE OR DIRECTLY ADJACENT TO WORK AREA.
 2. FENCE LOCATION TO BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
 3. THE SOIL WITHIN THE CRZ SHALL NOT BE DISTURBED IN ANY MANNER DURING CONSTRUCTION. NO EQUIPMENT, MATERIALS, SUPPLIES, AND/OR SALVAGE SHALL BE STORED OR PLACED WITHIN THE ZONE. NO VEHICULAR OR EQUIPMENT TRAFFIC SHALL BE PERMITTED WITHIN THE CRZ. NO FILLING OR CURING OF EXISTING SOILS SHALL BE PERMITTED WITHIN THE CRZ. THE OWNER'S REPRESENTATIVE AND/OR LANDSCAPE SERVICES MUST APPROVE ANY DEVIATION FROM THE STANDARD.



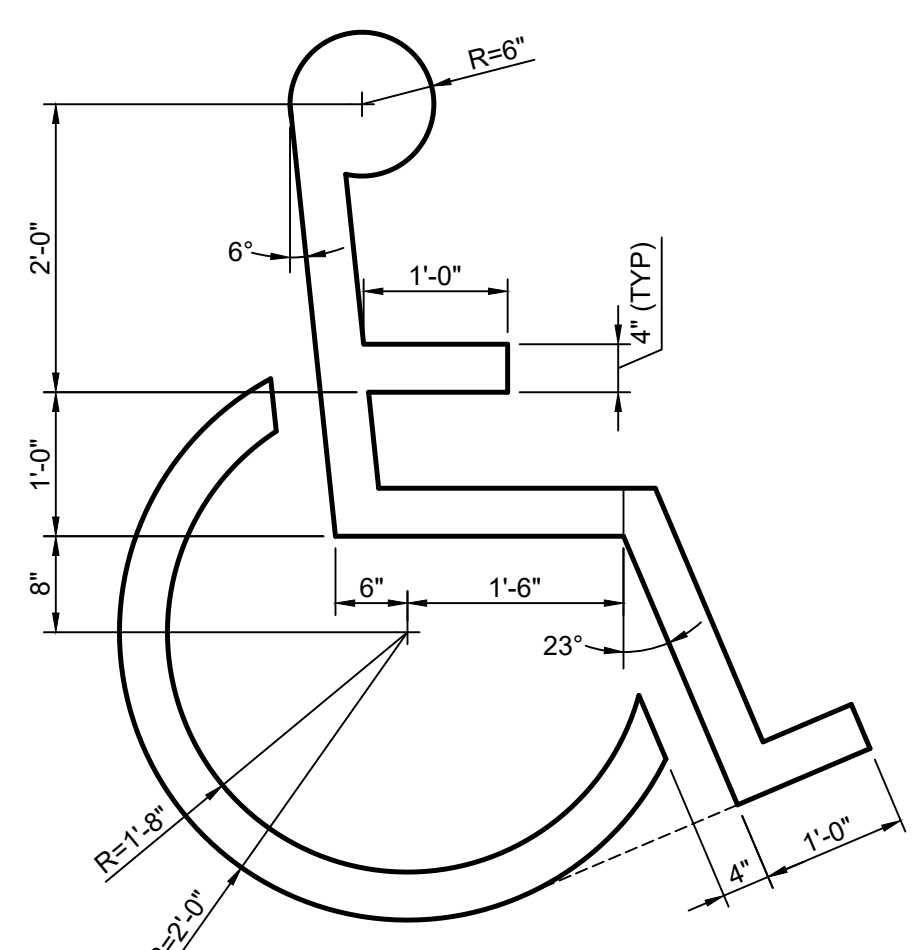
A2 TREE PROTECTION
 NOT TO SCALE



NOTE: SUBBASE AND SUBGRADE PREPARATION SHALL EXTEND A MINIMUM OF 12" BEYOND EDGE OF SIDEWALK PAVING AND A MINIMUM OF 24" BEYOND EDGE OF ALL OTHER PAVING

C2 PAVEMENT CROSS-SECTIONS
 NOT TO SCALE

STANDARD DETAILS	
IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS	
FIGURE	TITLE
3010.101	TRENCH BEDDING AND BACKFILL ZONES
3010.103	FLEXIBLE GRAVITY PIPE TRENCH BEDDING
4020.211	STORM SEWER PIPE CONNECTIONS
4040.233	SUBDRAIN OUTLETS
7010.101	JOINTS
7010.102	CONCRETE DRIVEWAY, TYPE B
7030.204	GENERAL FEATURES OF AN ACCESSIBLE SIDEWALK
7030.205	GENERAL SIDEWALK AND CURB RAMP DETAILS
7030.206	CURB RAMP OUTSIDE OF INTERSECTION RADIUS
7030.207	CURB RAMP FOR CLASS B OR C SIDEWALK
7030.210	DETECTABLE WARNING PLACEMENT
9040.102	FILTER BERM AND FILTER SOCK
9040.105	WATTLE
9040.119	SILT FENCE
9040.120	STABILIZED CONSTRUCTION EXIT



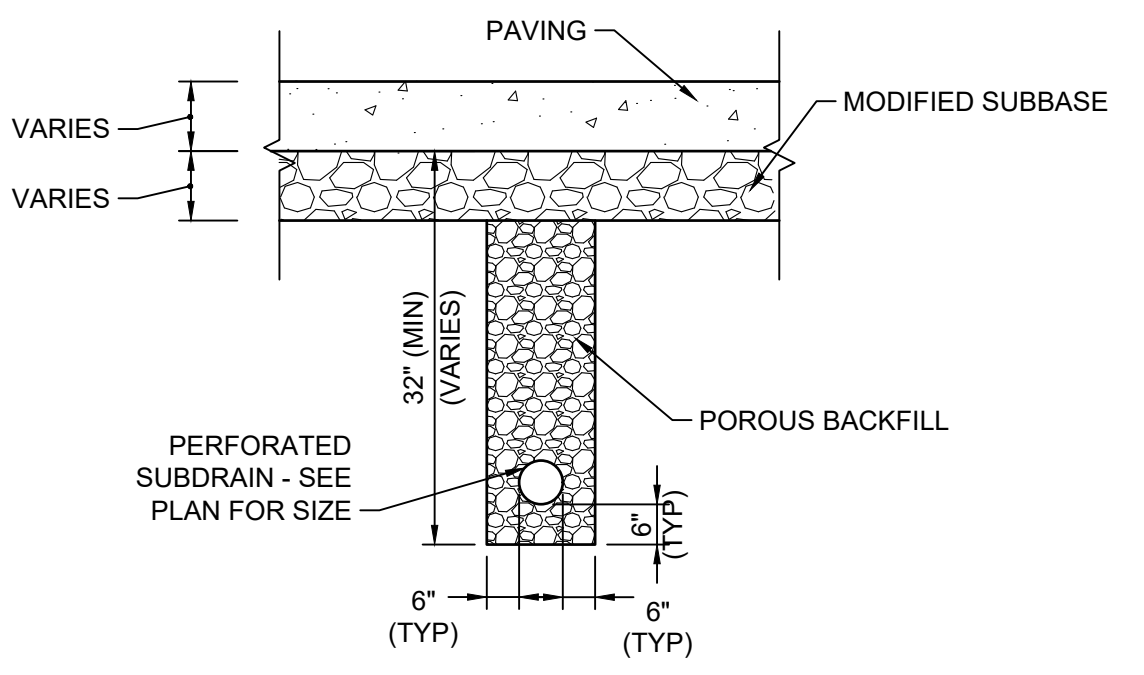
NOTE: SYMBOL TO BE CENTERED IN PARKING SPACE AND ORIENTED AS ILLUSTRATED ON PLANS.

A4 ADA PARKING SYMBOL
 NOT TO SCALE

SUBDRAIN NOTES:
 MIN. DEPTH: 3.5'
 MAX. DEPTH: 5.0'
 TARGET DEPTH: 4.0'

MIN. SLOPE: 0.5%

INSTALL SUBDRAIN AT SLOPE NECESSARY TO ACHIEVE DESIRED DEPTH. INSTALL INSERT-A-TEE OR APPROVED EQUAL AT PIPE CONNECTIONS. INSTALL RISERS AT PIPE CONNECTIONS WHEN NECESSARY TO ACHIEVE DESIRED DEPTH.



NOTE: PLACE PERFORATIONS DOWN FOR ALL INSTALLATIONS

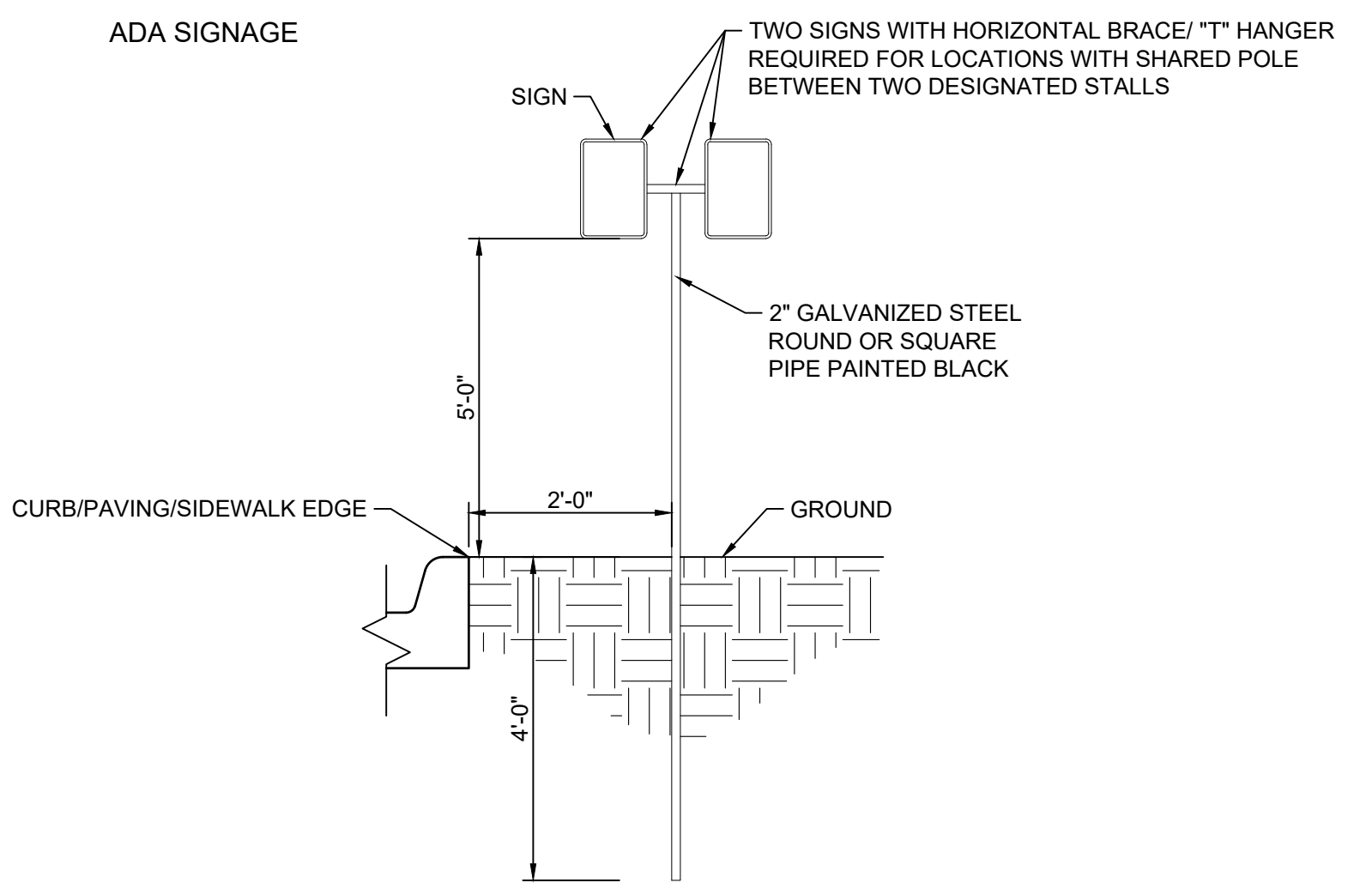
C4 PAVING SUBDRAIN
 NOT TO SCALE

TYPICAL HANDICAPPED PARKING SIGN (WHITE ON BLUE BACKGROUND)

ADDITIONAL SIGN MAY BE REQUIRED, VERIFY WITH LOCAL CODES, INCLUDING BUT NOT LIMITED TO VAN ACCESSIBLE.



ADA SIGNAGE



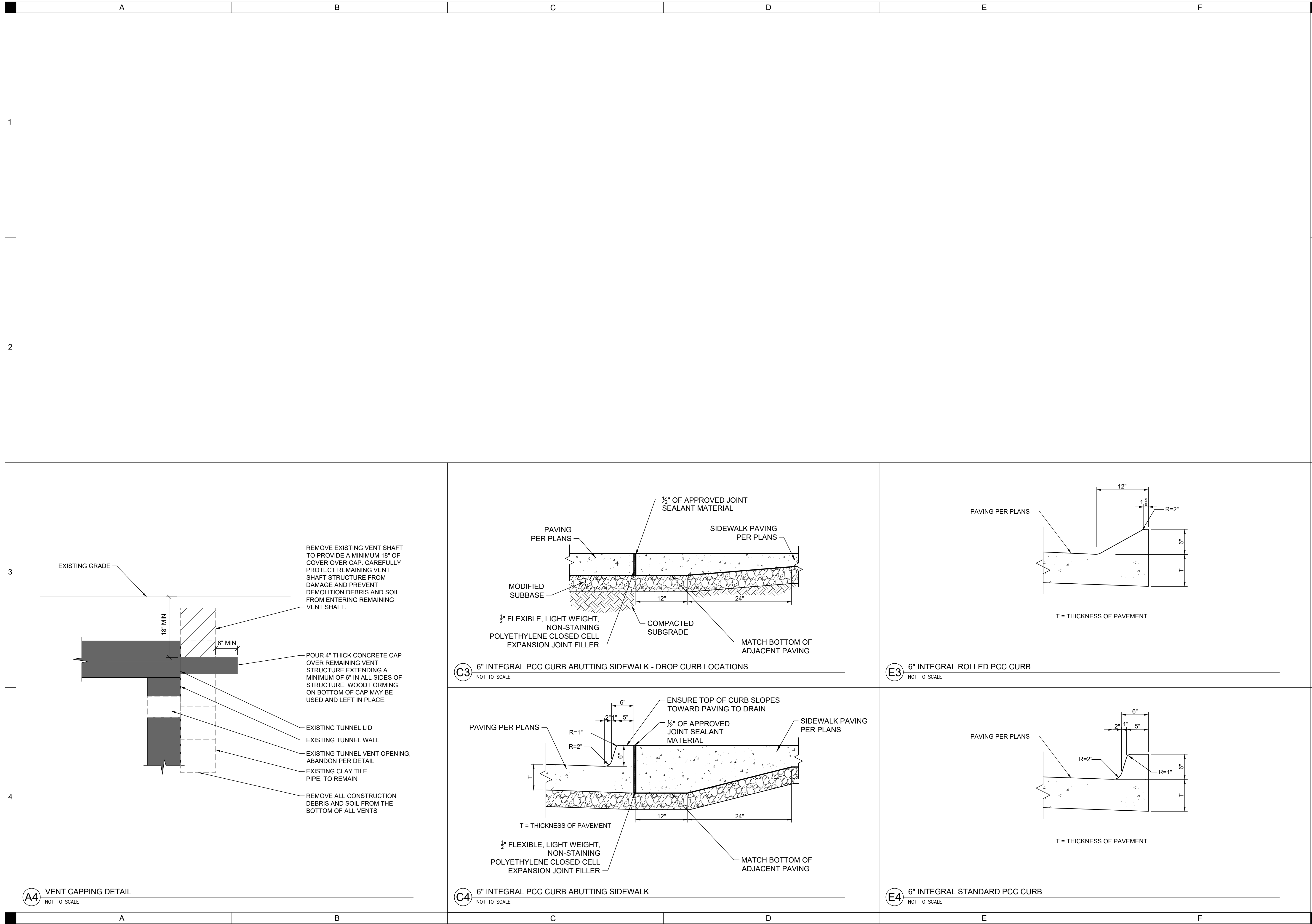
NOTES:
 1. VERIFY SIGN GRAPHICS AND INSTALLATION WITH STATE AND LOCAL CODES.
 2. TRAFFIC SIGN AND INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON TRAFFIC CONTROL DEVICES

A4 SIGN
 NOT TO SCALE

BDD	HOM	CONSTRUCTION	06/24/2026	2280065070	9638.00
DRAWN BY	APPROVED BY	ISSUED FOR	ISSUE DATE	PROJECT NUMBER	CLIENT PROJECT NUMBER

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A4 VENT CAPPING DETAIL
NOT TO SCALE

C3 6" INTEGRAL PCC CURB ABUTTING SIDEWALK - DROP CURB LOCATIONS
NOT TO SCALE

C4 6" INTEGRAL PCC CURB ABUTTING SIDEWALK
NOT TO SCALE

E3 6" INTEGRAL ROLLED PCC CURB
NOT TO SCALE

E4 6" INTEGRAL STANDARD PCC CURB
NOT TO SCALE

BDD	HOM	CONSTRUCTION	06/24/2026	2280065070	9538.00
DRAWN BY	APPROVED BY	ISSUED FOR	ISSUE DATE	PROJECT NUMBER	CLIENT PROJECT NUMBER

**CONSTRUCTION
DETAILS**

LIGHTING FIXTURE SCHEDULE - BASE BID

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE DESCRIPTION AND THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE FIRST MANUFACTURER LISTED IS THE BASIS FOR DESIGN. ALL LAMPS/LIGHT SOURCES FOR THIS PROJECT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED. ALL LIGHT FIXTURES SHALL BE PROVIDED WITH INTEGRAL DISCONNECT(S) FACTORY INSTALLED IN ACCORDANCE WITH NEC. REFER TO SPECIFICATIONS FOR SHOP DRAWING SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION.

MOUNTING STYLES (MTG): RE-A = RECESSED (ACT), RE-G = RECESSED (GYP), RE-W = RECESSED (WALL), CL = CEILING SURFACE, PW = PERIMETER WALL, SP = SUSPENDED (AIR-CRAFT CABLE), ST = STEM, WL = WALL, WL-H = WALL HORIZONTAL, WL-V = WALL VERTICAL, UNV = UNIVERSAL, POLE = POLE, UC = UNDER CABINET, TR = TRACK, GND = GROUND

LED DRIVER TYPES: STND = STANDARD DRIVER, DIM10 = 0-10V 10% DIMMING, DIM1 = 0-10V 1% DIMMING, DIMD = 0-10V DIM TO DARK, STEP = STEP DIMMING, NOND = NON-DIMMING, DALI = DIGITAL ADDRESSABLE LIGHTING INTERFACE, DMX = DIGITAL MULTIPLEX, LUTR = LUTRON HI-LUME, POE = POWER OVER ETHERNET, SDIM = STEP DIMMING

GENERAL NOTES:
A. WHERE "OR APPROVED EQUIVALENT" IS LISTED IN THE MANUFACTURER COLUMN, FIXTURES MUST BE SUBMITTED AS A SUBSTITUTION FOR APPROVAL PRIOR TO BID SUBMISSION.
B. LISTED LUMENS ARE DELIVERED LUMENS. PROVIDE FIXTURE WITHIN +/- 5% OF LISTED LUMENS.
C. LIGHTING PRODUCTS SHALL BE PROVIDED THROUGH THE AUTHORIZED LIGHTING MANUFACTURER'S REPRESENTATIVE RESIDING WITHIN PROJECT LOCATION.
D. SUBMITTALS SHALL BE PRODUCED AND SUBMITTED BY LOCAL AUTHORIZED LIGHTING MANUFACTURER'S REPRESENTATIVE. LETTERHEAD SHALL CONTAIN REPRESENTATIVE'S CONTACT INFORMATION, PROJECT NAME, AND PROJECT LOCATION.

SCHEDULE NOTES:
1. ***

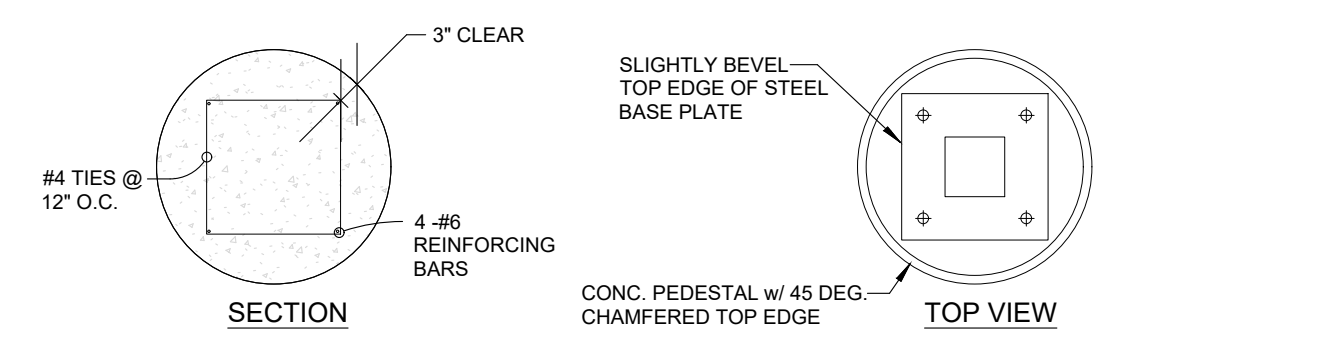
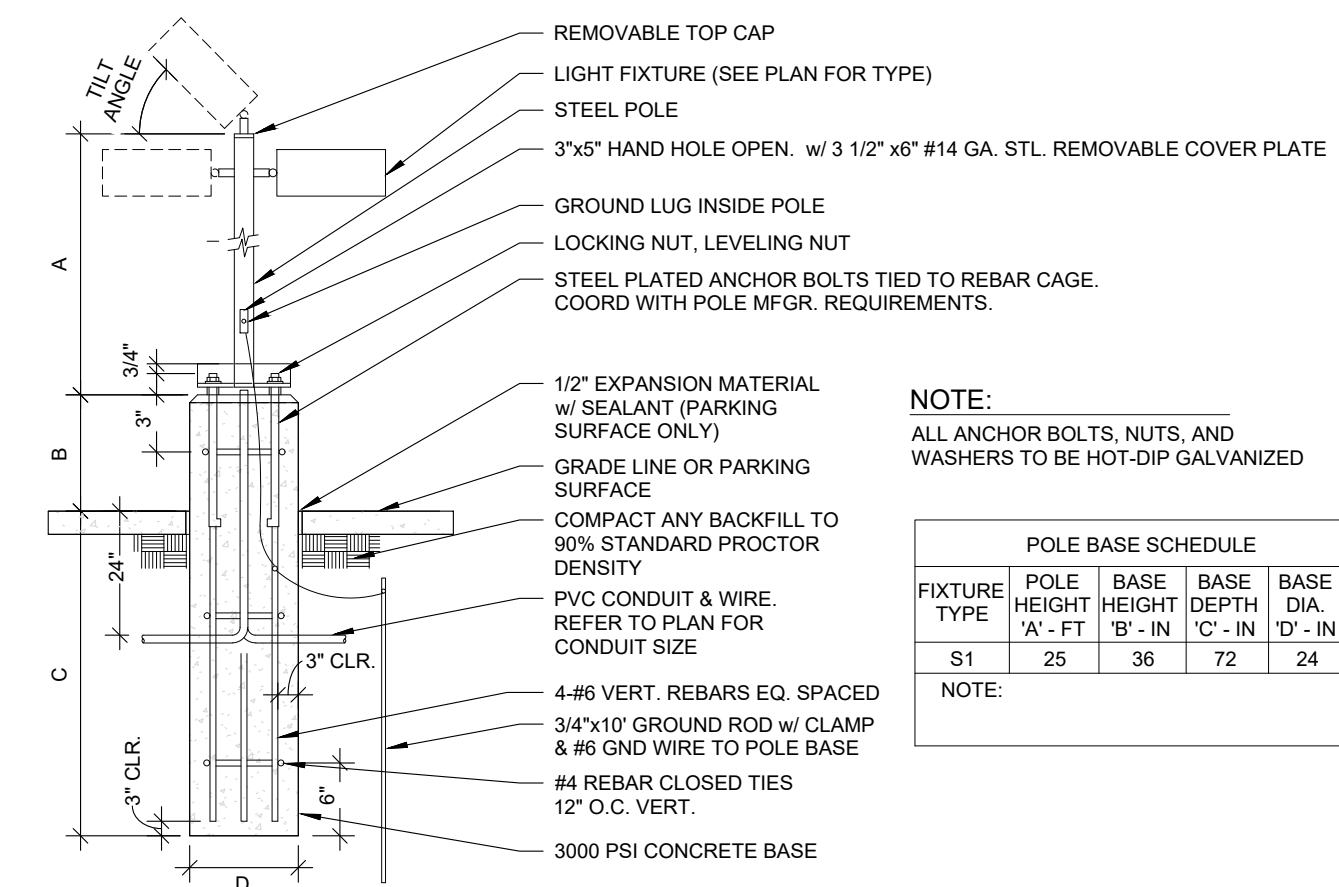
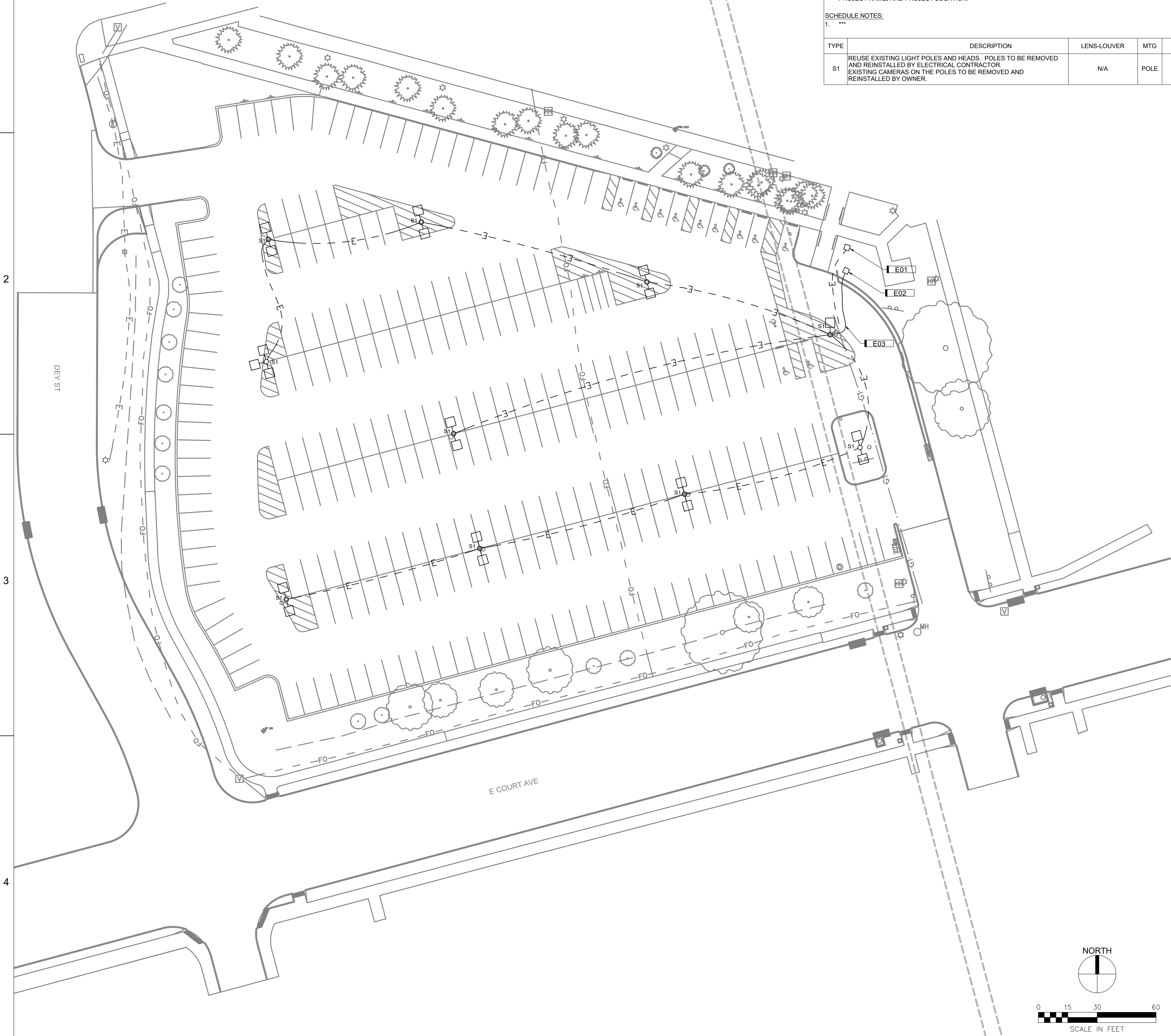
TYPE	DESCRIPTION	LENS-LOUVER	MTG	LIGHTING OUTPUT/CCT	DRIVER	VOLT	WATT	BASIS OF DESIGN	APPROVED EQUIVALENT	NOTES
S1	REUSE EXISTING LIGHT POLES AND HEADS. POLES TO BE REMOVED AND REINSTALLED BY ELECTRICAL CONTRACTOR. EXISTING CAMERAS ON THE POLES TO BE REMOVED AND REINSTALLED BY OWNER.	N/A	POLE	N/A	N/A	120 /277V	N/A	N/A	N/A	

KEYNOTE LEGEND

KEY	NOTE
E01	RE-CIRCUIT LIGHT POLES VIA EXISTING CIRCUIT. LIGHTS TO BE CIRCUITED WITH 2#8 AND 1#8 GND IN 1" C. PROVIDE NEW CONDUCTORS FROM EXISTING HAND HOLE TO LIGHT POLES. EXISTING CIRCUITING BETWEEN POLES TO BE REMOVED.
E02	FURNISH AND INSTALL NEW 12"x12"x12" HANDHOLE FOR CAMERA CONDUITS.
E03	FURNISH AND INSTALL 1" EMPTY CONDUIT FOR FUTURE CAMERA LOW VOLTAGE WIRING. DAISEY CHAIN CONDUITS BETWEEN FIGHT POLES. CAMERA WIRING TO FOLLOW POWER WIRING.

ELECTRICAL GENERAL NOTES

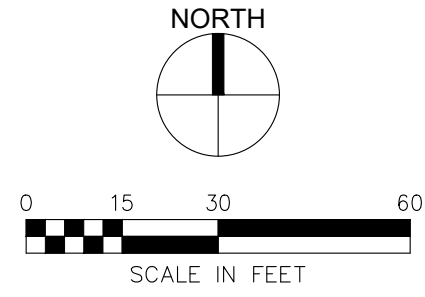
- ALL WORK SHALL BE IN CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE - LATEST EDITION ADOPTED BY THE STATE, THE STATE AMENDMENTS, LOCAL/MUNICIPAL CODES AND ORDINANCES, AND THE AUTHORITY HAVING JURISDICTION. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADAAG (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES).
- IT IS THE INTENT OF THESE DOCUMENTS TO COMPLY WITH THE APPLICABLE CODES. WHERE DISCREPANCIES OCCUR, NOTIFY THE ENGINEER/ARCHITECT IN WRITING FOR INTERPRETATION. CORRECT ANY INSTALLATION THAT FAILS TO COMPLY WITH THE CODES AND STANDARDS AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PROVIDE ALL WORK NECESSARY INCLUDING ALL LABOR, MATERIALS, PERMITS, TAXES, FEES, INSPECTIONS, HARDWARE, AND COST FOR INSTALLATION FOR A COMPLETE AND OPERATIONAL SYSTEM.
- ALL MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE NEW, COMPLETE WITH MANUFACTURER'S GUARANTEE OR WARRANTY AND SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL).
- COORDINATE ELECTRICAL INSTALLATION WITH ALL TRADES PRIOR TO INSTALLATION. IF ELECTRICAL WORK INSTALLED INTERFERES WITH OTHER TRADES AFTER INSTALLATION, THE CONTRACTOR SHALL MAKE ALL NECESSARY CHANGES TO CORRECT THE CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- NO ENERGIZED CONDUCTORS SHALL BE EXPOSED AT ANYTIME EXCEPT WHEN THE IMMEDIATE AREA IS UNDER THE SUPERVISION OF A QUALIFIED ELECTRICIAN.
- CONTRACTOR SHALL KEEP THE WORK AREA CLEAN OF ALL DEBRIS ON A DAILY BASIS. ALL NEW MATERIALS AWAITING INSTALLATION SHALL BE KEPT IN AREAS DESIGNATED BY THE OWNER.
- THESE DRAWINGS SHALL NOT BE SCALED TO OBTAIN DIMENSIONS. REFER TO DIMENSIONED CIVIL PLANS. IF THE DIMENSIONS CANNOT BE DETERMINED BY THE INFORMATION GIVEN, CONTRACTOR SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION.
- PERIODIC SITE OBSERVATION BY THE ENGINEER IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.
- THE INFORMATION CONTAINED ON THE ELECTRICAL DRAWINGS IS IN ITSELF INCOMPLETE AND VOID UNLESS USED IN CONJUNCTION WITH ALL OTHER DISCIPLINE DRAWINGS, THE SPECIFICATIONS, TRADE PRACTICES, OR APPLICABLE STANDARDS, CODES, ETC., AND SHALL BE CONSIDERED THE CONTRACT DOCUMENTS AND WITH ALL THEREIN BY REFERENCE, WHICH THE CONTRACTOR CERTIFIES KNOWLEDGE OF BY SIGNING THE CONTRACT.
- CONTRACTOR IS TO ASSUME FULL RESPONSIBILITY, UNRELIEVED BY REVIEW OF SHOP DRAWINGS OR PERIODIC OBSERVATION OF CONSTRUCTION, FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED ON THE JOB SITE AND BETWEEN INDIVIDUAL DRAWINGS OR SETS OF DRAWINGS FOR FABRICATION PROCESSES AND CONSTRUCTION TECHNIQUES (INCLUDING EXCAVATION, SHORING, SCAFFOLDING, BRACING, ERECTION, FORM WORK, ETC.). FOR COORDINATION OF THE VARIOUS TRADES, AND FOR SAFE CONDITIONS ON THE JOB SITE. VARIATIONS IN FIELD CONDITIONS RELATIVE TO THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ENGINEER AS SOON AS THEY ARE FOUND. WORK SHALL NOT PROGRESS UNTIL WRITTEN PERMISSION FROM THE ENGINEER IS OBTAINED.



NOTE:
ALL ANCHOR BOLTS, NUTS, AND WASHERS TO BE HOT-DIP GALVANIZED

FIXTURE TYPE	POLE BASE SCHEDULE			
	POLE HEIGHT 'A' - FT	BASE HEIGHT 'B' - IN	BASE DEPTH 'C' - IN	BASE DIA. 'D' - IN
S1	25	36	72	24

NOTE:



E1 DETAIL LIGHT FIXTURE POLE MOUNTING DETAIL
NOT TO SCALE