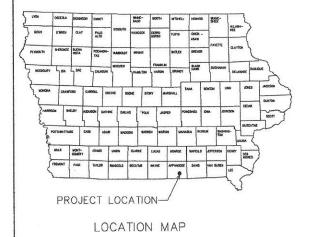
IOWA DEPARTMENT OF NATURAL RESOURCES

CONSTRUCTION DOCUMENTS FOR RATHBUN WILDLIFE UNIT SEDAN BOTTOMS OFFICE UTILITIES



APPANOOSE COUNTY, IOWA

PROJECT #22-05-04-07



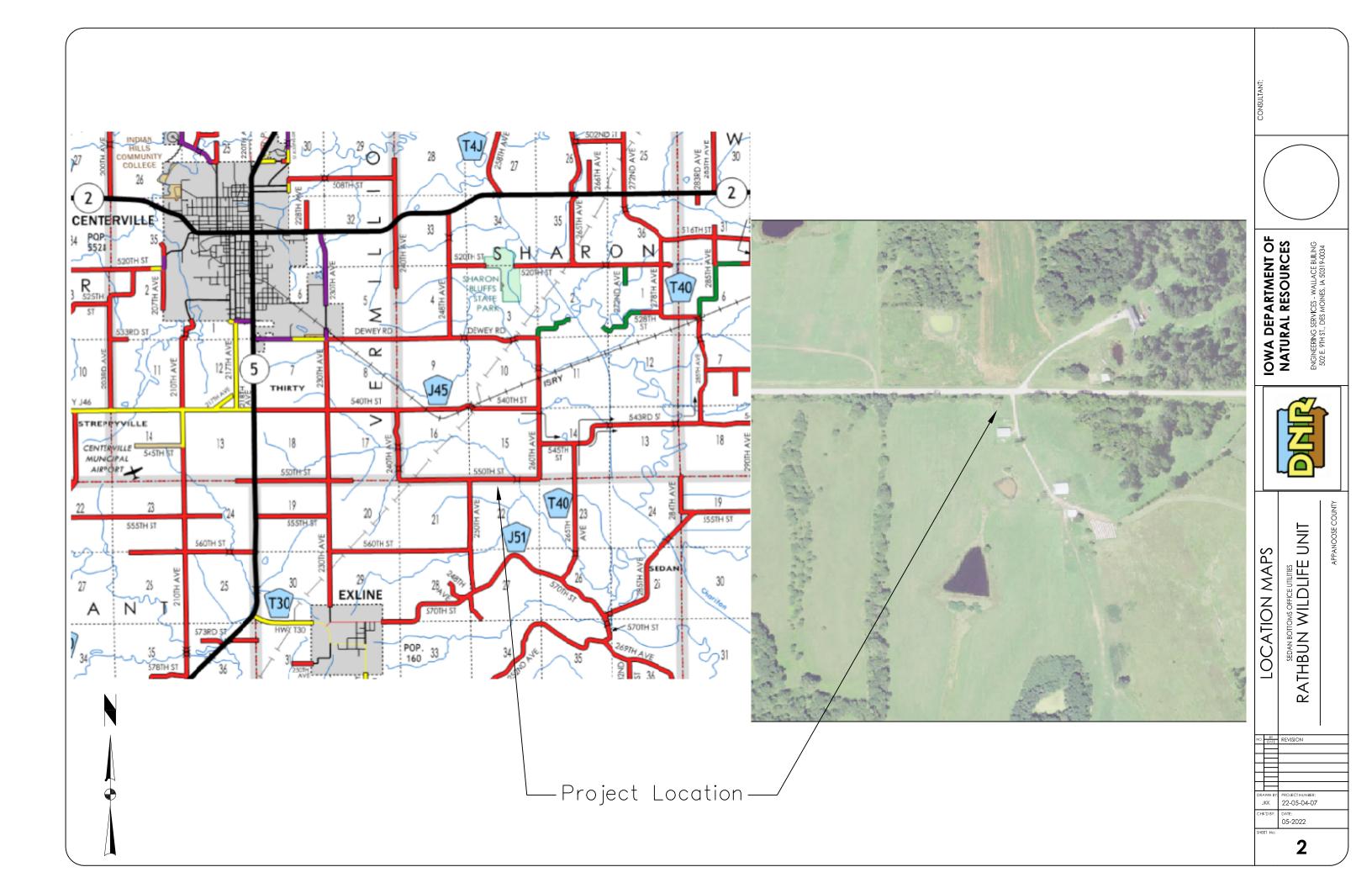
JASON Q	I hereby certify that this engineerin prepared by me or under my direct supervision and that I am a duly li Engineer under the laws of the Sta	personal censed Professional
KRUSE :	Signature License Number 19718	Date
19718		
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	DIRECTORY					
PROJECT I	WANAGER	CONSTRUC	CTION INSPECTOR			
COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES			
ADDRESS	806 E. TRAIL RIDGE PLACE	ADDRESS	806 E. TRAIL RIDGE PLACE			
CITY,STATE,ZIP	INDIANOLA, IA 50125	CITY,STATE,ZIP	INDIANOLA, IA 50125			
CONTACT	JASON KRUSE	CONTACT	JASON KRUSE			
TELEPHONE	515-250-3707	TELEPHONE	515-250-3707			
FAX	N/A	OFFICE	N/A	00000		
EMAIL	JASON.KRUSE@DNR.IOWA.GOV	EMAIL	JASON.KRUSE@DNR.IOWA.GOV	,		

PROJECT DESCRIPTION
HIS PROJECT CONSISTS OF UTILITY SERVICES FOR A NEW OFFICE.

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ESTIMATED PROJECT QUANTITIES			
ITEM NO.	ITEM	UN I T	TOTAL
1	WATER	LUMP SUM	1
2	ELECTRICAL	LUMP SUM	1
3	SANITARY/SEPTIC	LUMP SUM	1
4	ADA CONCRETE PARKING & SIDEWALK	LUMP SUM	1
5	MOBILIZATION	LUMP SUM	1

	ESTIMATE REFERENCE INFORMATION
ITEM NO.	DESCRIPTION
1	Includes all components for a complete and working water service.
2	Includes all components for a complete and working electrical service. Contractor is responsible for electrical permits and inspections. This contract includes a 300 amp service to Alliant Energy's standards. Contractor shall arrange for that service to be brought to the site and pay those costs. Provide 200 amp service to the shop and 100 amp service to the office. A transformer is to be included in this contract, unless use of a neighbor's transformer is allowed by Alliant Energy.
3	Includes all components for a complete and working septic system. Contractor is responsible for acquiring septic permit from Appanoose County and arranging for their inspections. The system is to have a 1250 gallon tank and 200 SF sand filter with electric pump dosing. Electrical service from office on a dedicated circuit. Install as per lowa Code Chapter 69 and by Appanoose County requirements. Contact Stacie Price, 641-777-7511 with Appanoose County.
4	Pour 6" thick class C4 concrete over 6" of granular subbase. Reinforce concrete with #4 rebar spaced every 30" each way, centered in the slab by plastic chairs. Concrete shall have a light broom finish. This item includes painted pavement markings and ADA parking sign. Parking and sidewalk shall slope 1-2% away from building. Backfill edges of concrete with dirt after forms are stripped. The parking and sidewalk construction and exact location will need to be coordinated with the building contract, as the exact length of the ramp is unknown.
5	Includes incidentals, mobilizing men & equipment, bonding & insurance costs, etc.
	Office Construction Coordination: This contract is for utility services to a proposed mobile office trailer. The building purchase and installation is in a separate contract. The contractor on this contract is expected to install underground utilities in preparation for the building, then come back after building is installed to connect each utility to the building through a utility chase in the mechanical room.
	There is no earthwork required by this contract, outside of trenching utilities and backfilling those trenches. There is no seeding required on this contract

GENERAL NOTES

VERIFY ACTUAL LOCATIONS AND ELEVATIONS WITH DNR ENGINEER.

ALL WORK SHALL CONFORM TO AND BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.

THE CONTRACTOR SHALL VISIT THE SITE AND INSPECT THE PROJECT AREA AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE ACTUAL JOB CONDITIONS PRIOR TO BIDDING AND THE START OF WORK. FAILURE TO VISIT THE PROJECT SITE SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE WORK IN ACCORDANCE TO THE PLANS, SPECIFICATION, SPECIAL PROVISIONS AND CONTRACT.

THE CONTRACTOR SHALL VERIFY, AT THE SITE, ALL DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS AND SHALL NOTIFY THE DNR ENGINEER OF ANY DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS PRIOR TO PROCEEDING WITH THE WORK.

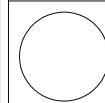
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIAL (EXCAVATED MATERIAL OR BROKEN CONCRETE) WHICH IS NOT DESIRABLE TO BE INCORPORATED INTO THE WORK INVOLVED ON THIS PROJECT. NO PAYMENT FOR OVERHAUL WILL BE ALLOWED FOR MATERIAL HAULED TO THESE SITES. NO MATERIAL SHALL BE PLACED WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY STATED IN THE PLANS OR APPROVED BY THE DNR ENGINEER.

THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND DESIRABLE TREES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE DNR ENGINEER.

WHERE UTILITIES AND FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DNR ENGINEER OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL BE AFFORDED ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.

THE CONTRACTOR SHALL SHAPE GRADED AREA TO MAINTAIN SURFACE DRAINAGE. ALL ELEVATIONS ARE TO FINISH GRADE.

THE CONTRACTOR IS EXPECTED TO HAVE MATERIALS, EQUIPMENT, AND LABOR AVAILABLE ON A DAILY BASIS TO INSTALL AND MAINTAIN EROSION CONTROL FEATURES ON THE PROJECT. THIS MAY INVOLVE SEEDING, SILT FENCE, ROCK DITCH CHECKS, SILT BASINS OR SILT DIKES.



O R SERVICES - WALLACE BUILING DES MOINES, IA 50319-0034 IOWA DEPARTMENT

ERING S 9TH ST., ENGINEE 502 E. 9

WILDLIFE I

NOTE

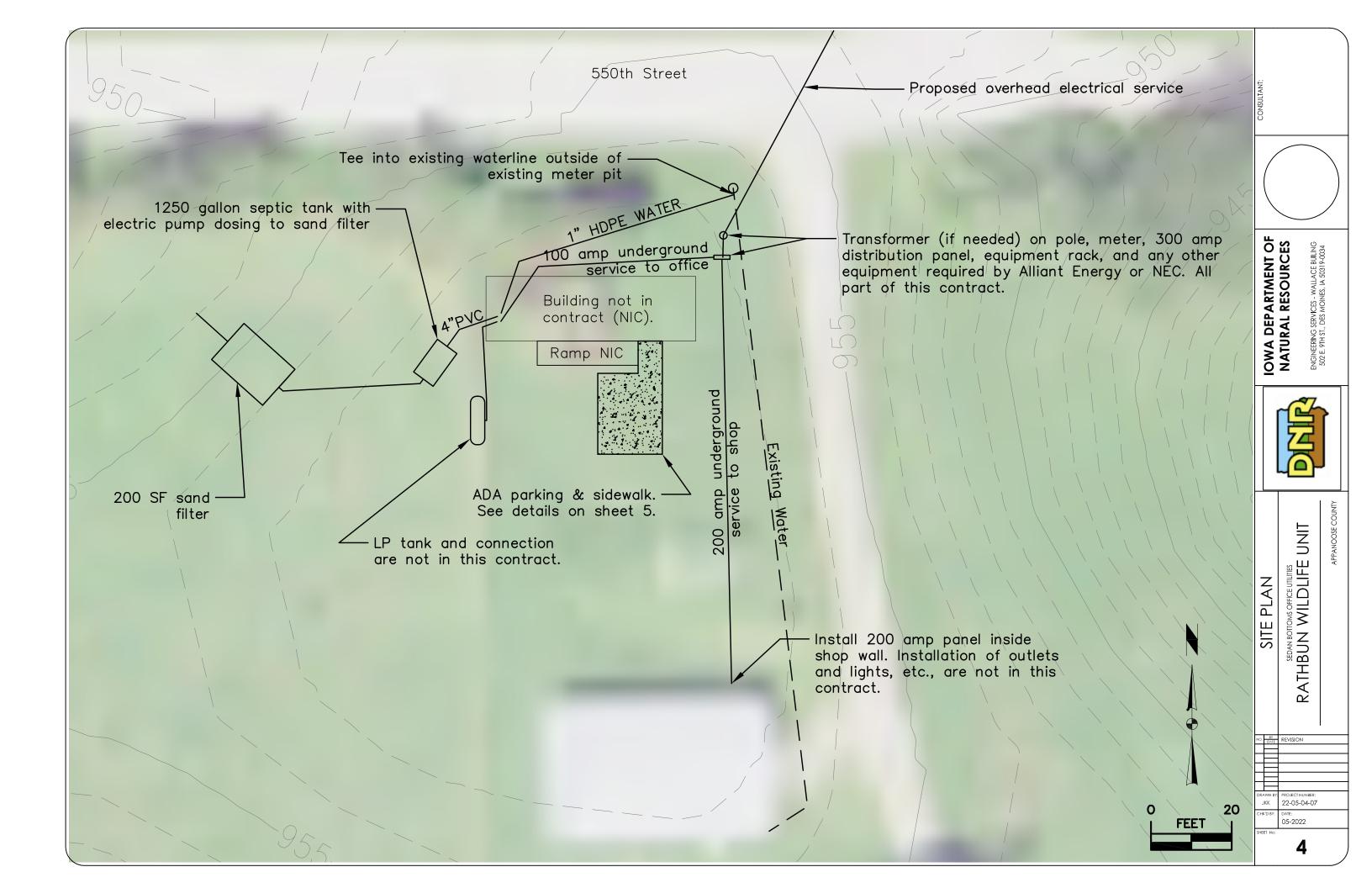
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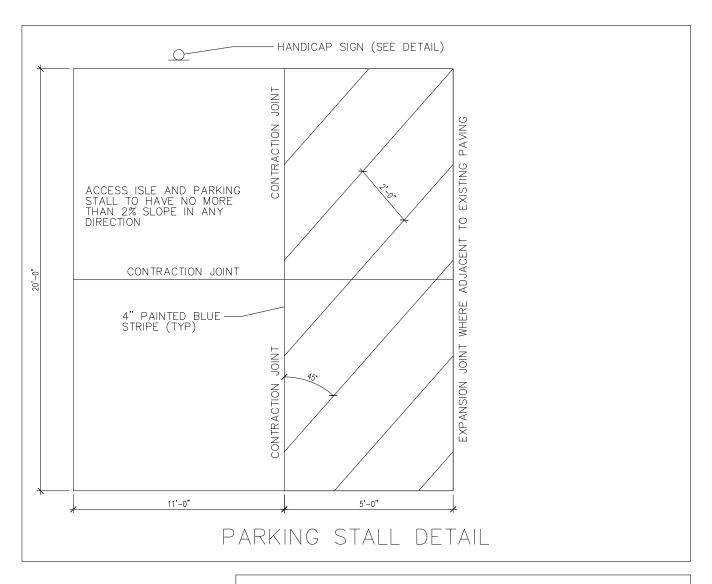
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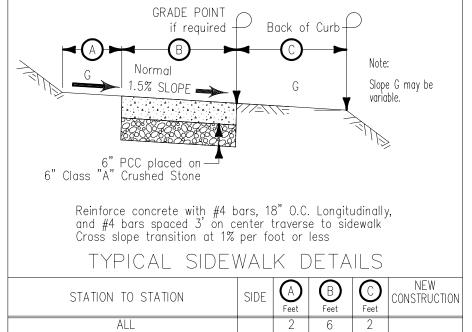
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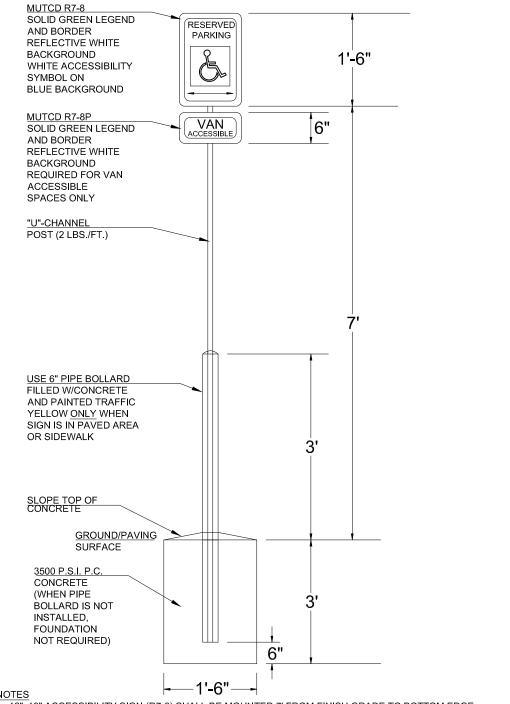
ATHBUN QUANTITIES

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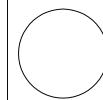
1. 12"x18" ACCESSIBILITY SIGN (R7-8) SHALL BE MOUNTED 7' FROM FINISH GRADE TO BOTTOM EDGE OF SIGN FACE. MOUNTING HEIGHT MAY BE REDUCED TO 5' IF PLACED IN A LANDSCAPE AREA IN WHICH PEDESTRIANS ARE NOT EXPECTED TO USE.

2. BOLLARD MAY BE OMITTED IF INSTALLED IN LANDSCAPE AREAS. WHEN INSTALLED IN LANDSCAPE AREAS, MOUNTING POST SHALL BE DRIVEN A MINIMUM OF 3' BELOW FINISHED GRADE. ALTERNATE MOUNTING POSTS MUST BE APPROVED BY THE FIELD INSPECTOR PRIOR TO CONSTRUCTION. 3. SIGNAGE SHALL BE INSTALLED IN FRONT OF EACH ACCESSIBLE SPACE, CENTERED ON THE WIDTH OF THE SPACE.

4. REFER TO AMERICANS WITH DISABILITIES ACT AND ARCHITECTURAL BARRIERS ACT ACCESSIBILITY GUIDELINES (ADAAG), LATEST EDITION, FOR REQUIRED NUMBER OF ACCESSIBLE SPACE. PER ADAAG, ONE VAN ACCESSIBLE SPACE SHALL BE PROVIDED, MINIMUM, WITH ADDITIONAL VAN ACCESSIBLE SPACES PER ADAAG REQUIREMENTS.

5. ALL SIGNAGE SHALL BE ENGINEER GRADE .080 ALUMINUM REFLECTIVE SIGN MEETING THE REQUIREMENTS OF THE MUTCD AND ADAAG.

NOT TO SCALE



IOWA DEPARTMENT OF NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILING 502 E. 9TH ST., DES MOINES, IA 50319-0034



WILDLIFE

Details

Parking/Sidewalk ATHBUN

ADA

22-05-04-07

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