

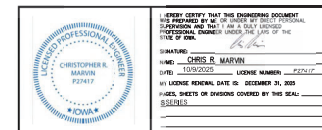
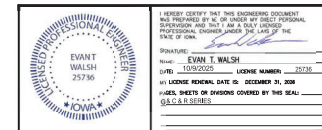
WALLACE BUILDING DEMOLITION

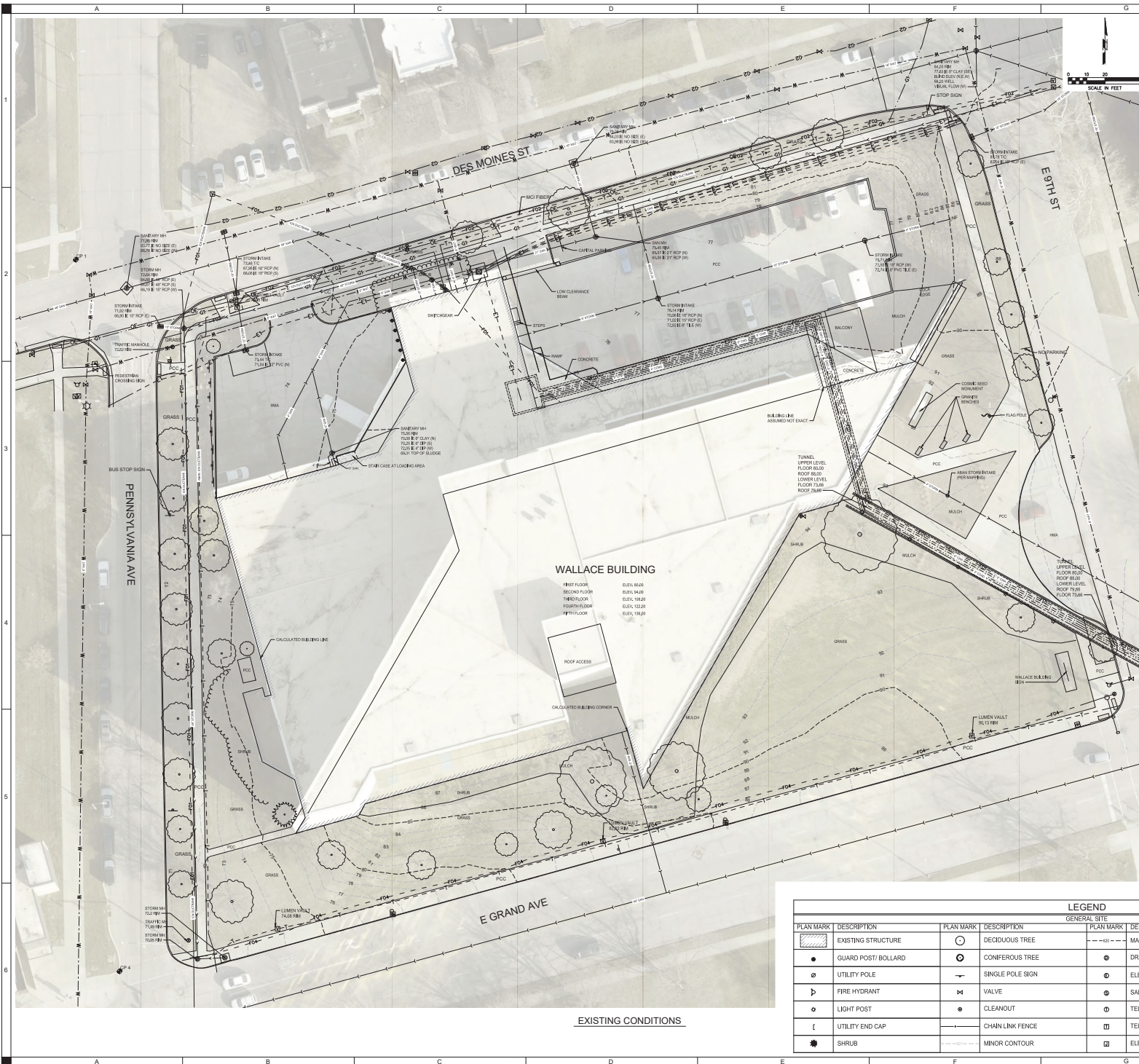
IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
 DES MOINES, IOWA
 CLIENT PROJECT #9478.00, RFP947800-01



PROJECT LOCATION MAP
 SCALE: 1" = 100'

Sheet List Table	
Sheet Number	Sheet Title
G000	COVER SHEET
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C201	TRAFFIC CONTROL PLAN
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C302	SITE PREPARATION AND DEMOLITION - SUBSURFACE
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C601	SITE RESTORATION
C700	SITE GRADING PLAN
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S102	1975 ORIGINAL CONSTRUCTION - EAST FOUNDATION PLAN AND DETAILS
S103	1975 ORIGINAL CONSTRUCTION
S104	1975 ORIGINAL CONSTRUCTION
S105	1975 ORIGINAL CONSTRUCTION
S106	1975 ORIGINAL CONSTRUCTION
S107	1975 ORIGINAL CONSTRUCTION
S201	TUNNEL BULKHEAD DETAIL
R101	WALLACE FLOOR PLAN - FIRST FLOOR AND ELECTRICAL PLAN
R102	WALLACE FLOOR PLAN - SECOND FLOOR
R103	WALLACE FLOOR PLAN - THIRD FLOOR
R104	WALLACE FLOOR PLAN - FOURTH FLOOR
R105	WALLACE FLOOR PLAN - FIFTH FLOOR AND PENTHOUSE
R106	FIRST FLOOR PLUMBING PLAN - WEST SIDE - GRAVITY PIPES
R107	FIRST FLOOR PLUMBING PLAN - EAST SIDE - GRAVITY PIPES
R108	FIRST FLOOR PLUMBING PLAN - WEST SIDE - FORCED PIPES
R109	FIRST FLOOR PLUMBING PLAN - EAST SIDE - FORCED PIPES





- ### NOTES
- UTILITIES SHOWN ARE BASED ON TOPOGRAPHICAL SURVEY COMPLETED JULY 2025 BY SHIVE-HATTERY. SURVEY UTILITY INFORMATION IS PROVIDED BY THE OPERATING AUTHORITY OF EACH UTILITY. SURFACE FEATURES, AND AVAILABLE RECORD DRAWINGS, NO SURFACE INVESTIGATION HAS BEEN MADE TO DETERMINE ACCURACY OF THE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF UNDERGROUND UTILITIES. CALL IOWA ONE-CALL (1-800-292-8889) FOR UTILITY LOCATES PRIOR TO CONSTRUCTION. UTILITY LOCATES SHALL BE KEPT CURRENT PER STATE REQUIREMENTS.
 - ALL NEW CONSTRUCTION THAT IS WITHIN CLOSE PROXIMITY TO EXISTING OR NEW UTILITIES SHALL BE PLANNED AND EXECUTED CAREFULLY SO THAT UTILITIES ARE NOT DAMAGED. CONTRACTOR SHALL PHYSICALLY VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO COMMENCING WORK. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGES TO EXISTING OR NEW UTILITIES.

BENCHMARKS
CONSTANT VERTICAL ADJUSTMENT OF 773.936

- ### STAKING/LAYOUT NOTES
- ALL STAKING CONTROL POINTS SHALL BE PROTECTED THROUGHOUT THE PROJECT.
 - STAKING AND LAYOUT FOR THIS PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - NO STAKING COORDINATES WILL BE PROVIDED FOR THE WORK SHOWN ON THE C-SERIES SHEETS. ELECTRONIC AUTOCAD FILES WILL BE PROVIDED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE STAKING AND LAYOUT BASED ON ELECTRONIC DRAWING DATA.
 - UNLESS OTHERWISE APPROVED, IT IS EXPECTED THAT UTILITY ELEVATIONS ARE CAREFULLY OBTAINED FROM THE PLANS, AND THAT UTILITIES WILL BE INSTALLED AS CLOSE TO PRECISE PROFILE ELEVATIONS AS CONSTRUCTION METHODS WILL REASONABLY ALLOW.

ABBREVIATIONS

ACC	ASPHALT	PCC	PORTLAND CEMENT CONCRETE
15KV	15 KV/DVOLT ELECTRIC	PL	PROPERTY LINE
ASB	ARMORED	PVC	POLYVINYL CHLORIDE PIPE
COND	CONDENSATE	RCP	REINFORCED CONCRETE PIPE
CWR	CHILLED WATER RETURN	RSB	REINFORCED CONCRETE PPE
CWS	CHILLED WATER SUPPLY	RS	REINFORCED
DK	DIAMETER	RS	REINFORCED
DR	DUCTILE IRON PIPE	RJ	RESTRAINED JOINT
DW	DOMESTIC WATER	RP	DUCTILE IRON PIPE
FO	FIBER OPTIC	ROW	RIGHT-OF-WAY
FW	FIRE WATER	SA	SANITARY SEWER
HPS	HIGH PRESSURE STEAM	SM	SANITARY MANHOLE
IE	INVERT ELEVATION	STM	STEAM
LF	LINEAR FEET	STRM	STORM SEWER
LPS	LOW PRESSURE STEAM	TELU	TELECOMMUNICATIONS
M	MANHOLE	TEMP	TEMPORARY
MJ	MECHANICAL JOINT	UE	UNDERGROUND ELECTRIC
OE	OVERHEAD ELECTRIC	WATW	WATER MAIN

LEGEND

LINE TYPE	DESCRIPTION
—○—	OVERHEAD ELEC.
—E—	UNDERGROUND ELEC.
—G—	GAS MAIN
—W—	WATER MAIN
—S—	SANITARY SEWER
—SS—	STORM SEWER
—T—	UNDERGROUND TELE.
—FO—	UNDERGROUND FIBER OPTICS
—S—	STEAM
—DB—	DUCT BANK
—SL—	SITE LIGHTING

CONTROL POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	59029.556	161018.681	70.779	CP1 CUT X
2	58978.706	161137.134	84.357	CP2 CUT X
3	578993.973	161441.646	93.675	CP3 CUT X
4	578841.843	1610842.549	69.531	CP4 CUT X

LEGEND

GENERAL SITE		GENERAL SITE	
PLAN MARK	DESCRIPTION	PLAN MARK	DESCRIPTION
▨	EXISTING STRUCTURE	○	DECIDUOUS TREE
●	GUARD POST/BOLLARD	⊙	CONIFEROUS TREE
⊙	UTILITY POLE	⊙	SINGLE POLE SIGN
⊙	FIRE HYDRANT	⊙	VALVE
⊙	LIGHT POST	⊙	CLEANOUT
⊙	UTILITY END CAP	⊙	CHAIN LINK FENCE
●	SHRUB	⊙	MINOR CONTOUR
⊙	MAJOR CONTOUR	⊙	DRAINAGE MANHOLE
⊙	ELECTRICAL MANHOLE	⊙	SANITARY MANHOLE
⊙	TELEPHONE MANHOLE	⊙	TELEPHONE PEDESTAL
⊙	ELECTRIC OUTLET/JUNCTION BOX	⊙	INTAKE - CIRCLE
⊙	INTAKE - RECTANGLE	⊙	BUILDING ROOF DRAIN
⊙	HANDHOLE	⊙	SURVEY CONTROL POINT
⊙	BUSH LIMITS	⊙	VAULT

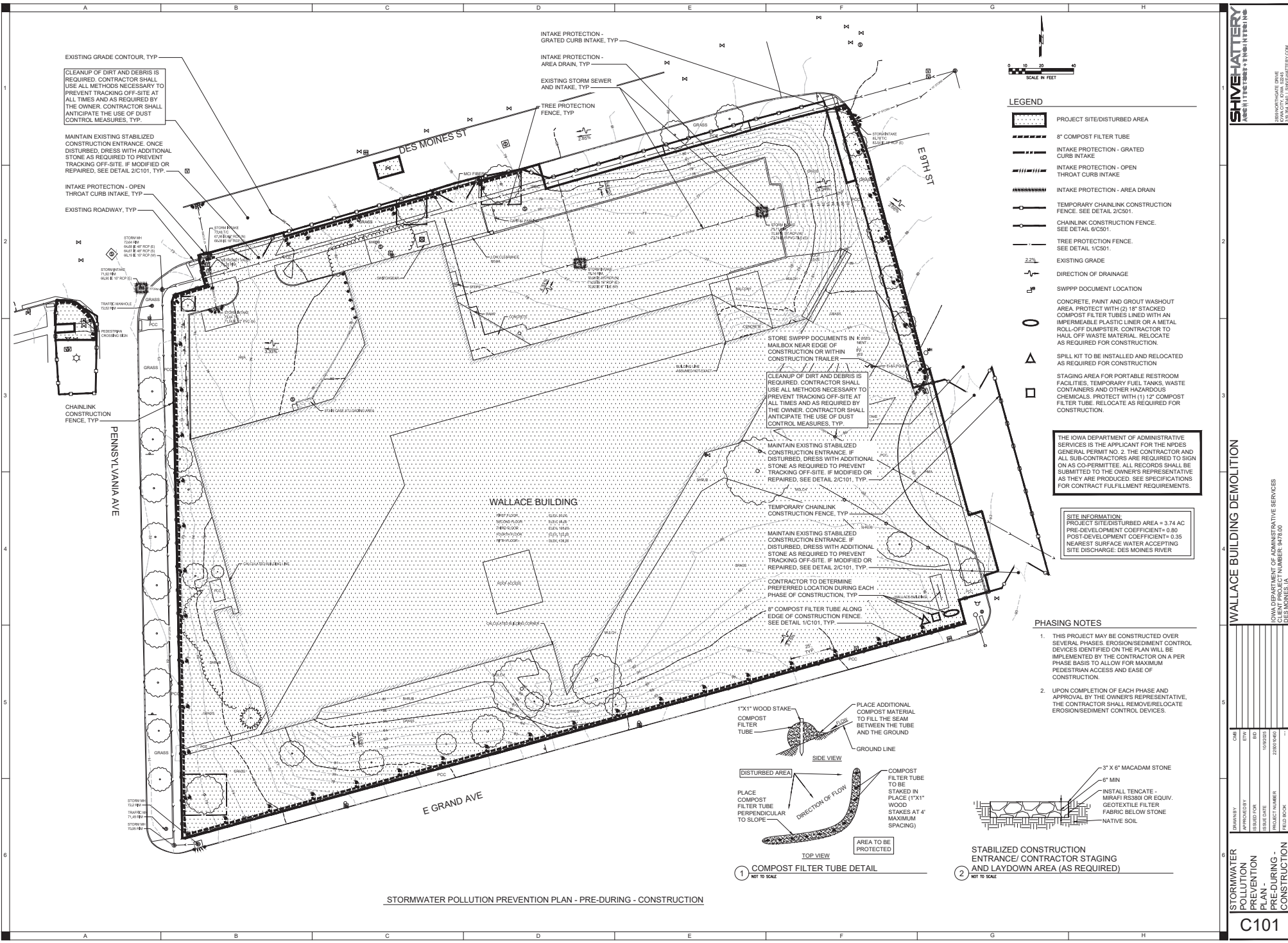
SHIVE-HATTERY
1400 N. WEST ST. SUITE 400 • DES MOINES, IA 50310
563.281.1111 • WWW.SHIVE-HATTERY.COM

WALLACE BUILDING DEMOLITION

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
PROJECT NUMBER: 220004400
DESIGN NUMBER: 147500

DATE: 10/20/25
BY: [Redacted]
CHECKED: [Redacted]
SCALE: AS SHOWN

DRAWN BY: [Redacted]
APPROVED BY: [Redacted]
REVISION DATE: 10/20/25
FIELD BOOK: [Redacted]



EXISTING GRADE CONTOUR, TYP

CLEANUP OF DIRT AND DEBRIS IS REQUIRED. CONTRACTOR SHALL USE ALL METHODS NECESSARY TO PREVENT TRACKING OFF-SITE AT ALL TIMES AND AS REQUIRED BY THE OWNER. CONTRACTOR SHALL ANTICIPATE THE USE OF DUST CONTROL MEASURES, TYP.

MAINTAIN EXISTING STABILIZED CONSTRUCTION ENTRANCE. ONCE DISTURBED, DRESS WITH ADDITIONAL STONE AS REQUIRED TO PREVENT TRACKING OFF-SITE. IF MODIFIED OR REPAIRED, SEE DETAIL 2/C101, TYP.

INTAKE PROTECTION - OPEN THROAT CURB INTAKE, TYP.

EXISTING ROADWAY, TYP.

INTAKE PROTECTION - GRATED CURB INTAKE, TYP.

INTAKE PROTECTION - AREA DRAIN, TYP.

EXISTING STORM SEWER AND INTAKE, TYP.

TREE PROTECTION FENCE, TYP.

LEGEND

- PROJECT SITE/DISTURBED AREA
- 8" COMPOST FILTER TUBE
- INTAKE PROTECTION - GRATED CURB INTAKE
- INTAKE PROTECTION - OPEN THROAT CURB INTAKE
- INTAKE PROTECTION - AREA DRAIN
- TEMPORARY CHAINLINK CONSTRUCTION FENCE. SEE DETAIL 2/C501.
- CHAINLINK CONSTRUCTION FENCE. SEE DETAIL 1/C501.
- TREE PROTECTION FENCE. SEE DETAIL 1/C501.
- EXISTING GRADE
- DIRECTION OF DRAINAGE
- SWPPP DOCUMENT LOCATION

CONCRETE, PAINT AND GROUT WASHOUT AREA. PROTECT WITH (2) 18" STACKED COMPOST FILTER TUBES LINED WITH AN IMPERMEABLE PLASTIC LINER OR A METAL ROLL-OFF DUMPISTER. CONTRACTOR TO HAUL OFF WASTE MATERIAL. RELOCATE AS REQUIRED FOR CONSTRUCTION.

SPILL KIT TO BE INSTALLED AND RELOCATED AS REQUIRED FOR CONSTRUCTION.

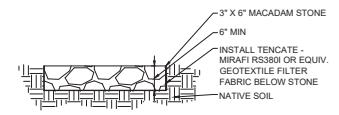
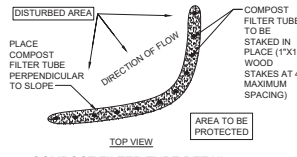
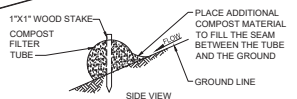
STAGING AREA FOR PORTABLE RESTROOM FACILITIES, TEMPORARY FUEL TANKS, WASTE CONTAINERS AND OTHER HAZARDOUS CHEMICALS. PROTECT WITH (1) 12" COMPOST FILTER TUBE. RELOCATE AS REQUIRED FOR CONSTRUCTION.

THE IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES IS THE APPLICANT FOR THE NPDES GENERAL PERMIT NO. 2. THE CONTRACTOR AND ALL SUB-CONTRACTORS ARE REQUIRED TO SIGN ON AS CO-PERMITTEE. ALL RECORDS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE AS THEY ARE PRODUCED. SEE SPECIFICATIONS FOR CONTRACT FULFILLMENT REQUIREMENTS.

SITE INFORMATION:
 PROJECT SITE/DISTURBED AREA = 3.74 AC
 PRE-DEVELOPMENT COEFFICIENT = 0.80
 POST-DEVELOPMENT COEFFICIENT = 0.35
 NEAREST SURFACE WATER ACCEPTING SITE DISCHARGE: DES MOINES RIVER

PHASING NOTES

1. THIS PROJECT MAY BE CONSTRUCTED OVER SEVERAL PHASES. EROSION/SEDIMENT CONTROL DEVICES IDENTIFIED ON THE PLAN WILL BE IMPLEMENTED BY THE CONTRACTOR ON A PER PHASE BASIS TO ALLOW FOR MAXIMUM PEDESTRIAN ACCESS AND EASE OF CONSTRUCTION.
2. UPON COMPLETION OF EACH PHASE AND APPROVAL BY THE OWNER'S REPRESENTATIVE, THE CONTRACTOR SHALL REMOVE/RELOCATE EROSION/SEDIMENT CONTROL DEVICES.



1 COMPOST FILTER TUBE DETAIL
NOT TO SCALE

2 STABILIZED CONSTRUCTION ENTRANCE/ CONTRACTOR STAGING AND LAYDOWN AREA (AS REQUIRED)
NOT TO SCALE

STORMWATER POLLUTION PREVENTION PLAN - PRE-DURING - CONSTRUCTION

SHIVEHATTERY
 2800 NORTHGATE DRIVE
 EVANSTON, IOWA 52601
 (515) 261-1100 | WWW.SHIVEHATTERY.COM

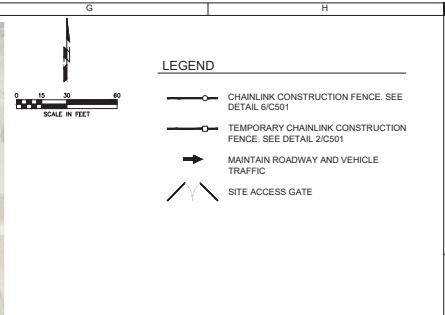
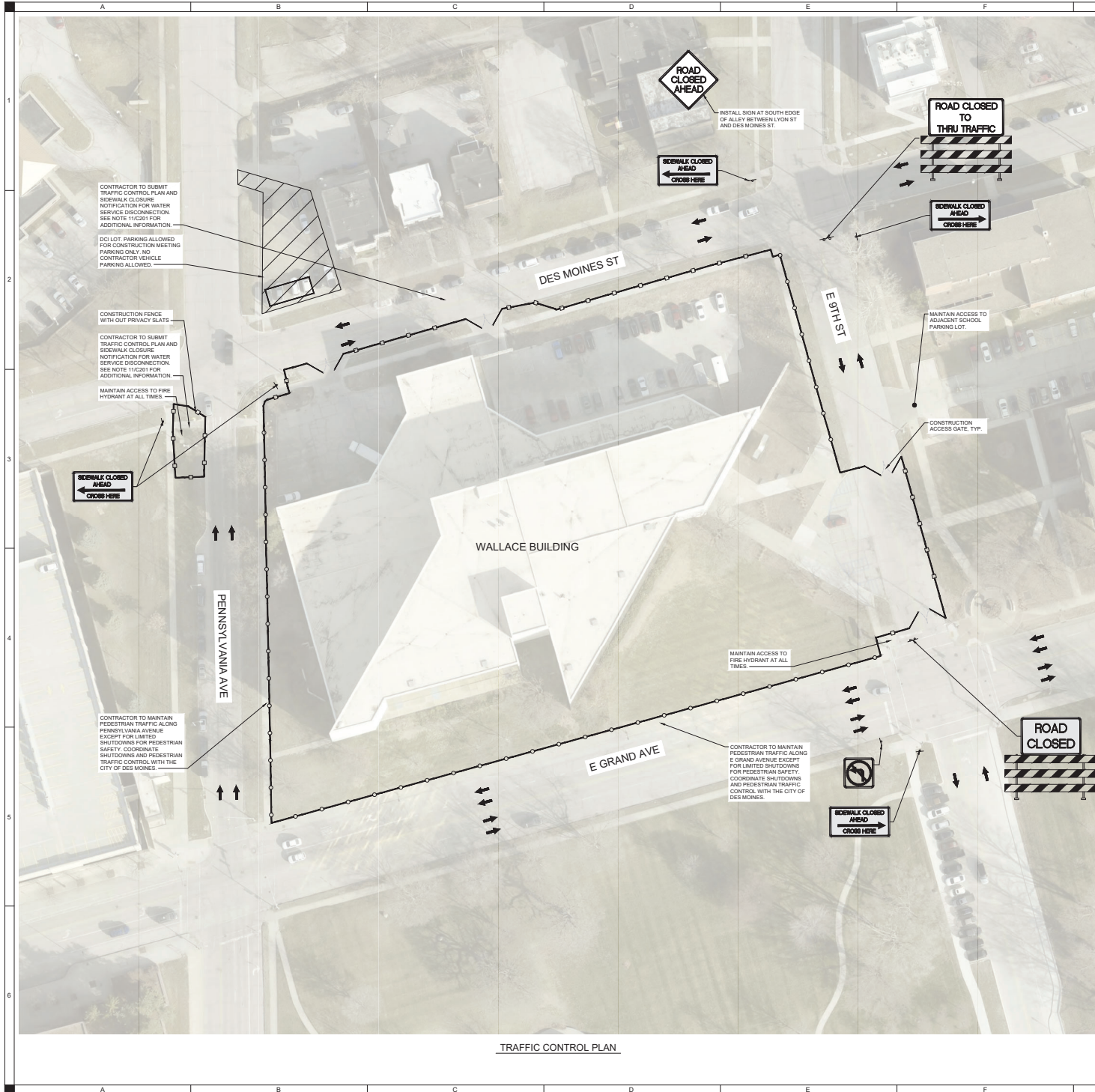
WALLACE BUILDING DEMOLITION

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
 PROJECT NUMBER: 22000460
 DES MOINES, IA

OWNER	ETW	RD	10/02/20
APPROVED FOR	RD	10/02/20	
ISSUED FOR	RD	10/02/20	
ISSUE DATE	RD	10/02/20	
PROJECT NUMBER	22000460		
FIELD BOOK			

STORMWATER POLLUTION PREVENTION PLAN - PRE-DURING - CONSTRUCTION

C101



- ### TRAFFIC CONTROL NOTES
1. CONTRACTOR MAY SUBMIT ALTERNATE TRAFFIC CONTROL AND PHASING OPTIONS FOR OWNER APPROVAL PRIOR TO CONSTRUCTION.
 2. NO CONTRACTOR VEHICLE PARKING WILL BE ALLOWED ON SIDEWALKS, DRIVES, GRASS, OR STREETS OUTSIDE OF CONSTRUCTION LIMITS.
 3. FENCING SHOWN ON THE PLANS IS A MINIMUM. CONTRACTOR IS RESPONSIBLE FOR PROVIDING FENCING TO MAINTAIN A SECURE SITE AT ALL TIMES, AND TO ACCOMMODATE ACTUAL WORK LIMITS AND PHASING LIMITS. PROVIDE CONSTRUCTION FENCE FOR ALL WORK EXTENDING BEYOND MAIN SITE FENCE.
 4. CONTRACTOR SHALL REPAIR OR REPLACE DAMAGED CONSTRUCTION FENCE ON THE SAME DAY AS IT IS DAMAGED, MAINTAINING A SECURE SITE AT ALL TIMES. CONTRACTOR SHALL REPAIR OR PATCH ANY DISTURBED AREAS DUE TO FENCING INSTALLATION.
 5. SCHEDULE LANE CLOSURES AT LEAST 48 HOURS IN ADVANCE, OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION (AHJ), IN COORDINATION WITH THE OWNER AND THE CITY OF DES MOINES TO MINIMIZE IMPACT TO DRIVERS AND PEDESTRIANS.
 6. ALL SIGNAGE SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR DURING THE PROJECT. THEY SHALL BE REMOVED AT THE END OF THE PROJECT.
 7. THE CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY CONSTRUCTION PROJECT SIGNAGE AND MAINTAIN SIGNAGE THROUGHOUT CONSTRUCTION. SIGNS MAY BE INSTALLED ON THE PROJECT FENCING OR SUPPORTED INDEPENDENTLY DEPENDING ON SITE CONDITIONS.
 8. ALL VEHICULAR AND PEDESTRIAN CONTROL SIGNAGE SHALL CONFORM TO THE STANDARDS IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION. SIDEWALK CLOSURES AND DETOURS SHALL BE DOT TYPE II BARRICADES AND SHALL BE WHITE WITH BLACK LETTERING, EXCEPT THE S1-1 AND R1-6A SIGNS. TRAFFIC CONTROL AND TRAFFIC DETOUR SIGNAGE SHALL BE ORANGE WITH BLACK LETTERING. ALL SIGNAGE SHOULD BE COORDINATED WITH ALL OTHER TRAFFIC CONTROL PLANS IN THE AREA.
 9. IT'S THE RESPONSIBILITY OF THE CONTRACTOR TO WORK WITH THE CITY TO GET A CITY WATER METER AND PROTECT IT FROM FREEZING DURING THE COLD MONTHS.
 10. CONTRACTOR TO COORDINATE WITH CITY OF DES MOINES TO SCHEDULE THE REMOVAL OF PEDESTRIAN CROSSING FIXTURE AND SIDEWALK AT THE DES MOINES ST AND PENNSYLVANIA AVE INTERSECTION. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF THE PEDESTRIAN CROSSING FOUNDATION AND FIXTURE AS WELL AS THE REESTABLISHMENT OF ELECTRICAL SERVICE. CONTACT ROB SILVERS (515-237-1463) AND JASON EATON (515-248-6096) AT THE CITY OF DES MOINES PRIOR TO BEGINNING DEMOLITION ACTIVITIES AT THIS INTERSECTION. CONTACT THE CITY PRIOR TO THE FINAL REINSTALLATION OF THE PEDESTRIAN CROSSING FIXTURE.
 11. SEE SPECIFICATION SECTION 02 41 13 FOR REQUIRED PERMITS NEEDED FOR WORK WITHIN CITY OF DES MOINES RIGHT OF WAY.
 12. CONTRACTOR TO PROVIDE COMBINATION PADLOCKS FOR EACH GATE, WITH CODE TO BE PROVIDED TO CONSTRUCTION MANAGER AND OTHER TRADES/CONSULTANTS.
 13. TRAFFIC CONTROL SIGNAGE SHOWN ON THE PLANS IS A MINIMUM. CONTRACTOR IS RESPONSIBLE FOR PROVIDING SIGNAGE TO DIRECT PEDESTRIAN/VEHICULAR TRAFFIC AROUND CONSTRUCTION ACTIVITIES FOR THE DURATION OF THE PROJECT.
 14. PROVIDE FLASHING WARNING LIGHTS ON ALL SIDEWALK CLOSED AHEAD SIGNS.

TRAFFIC CONTROL PLAN

SHVEHATTERY

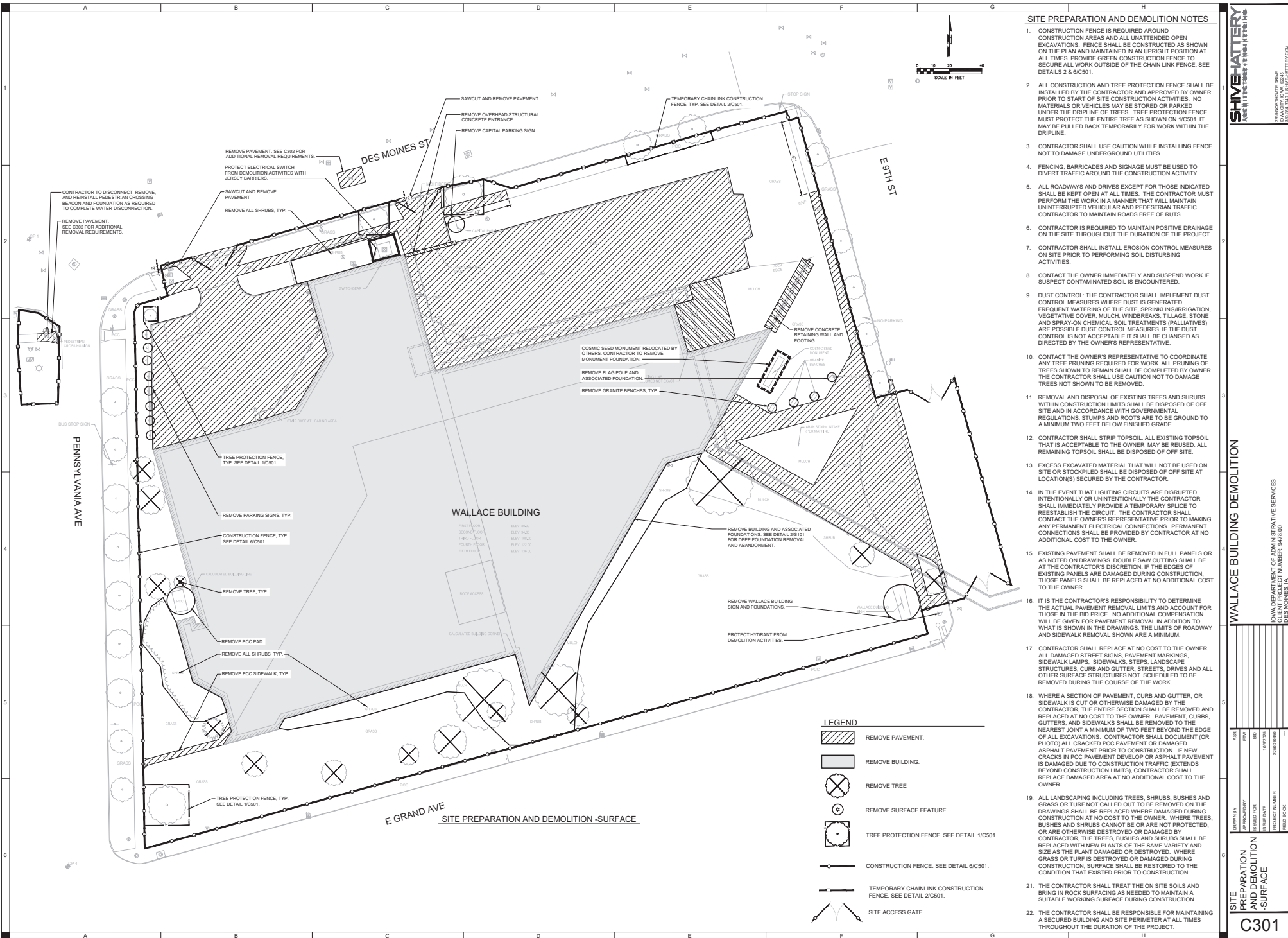
2800 NORTHGATE DRIVE
 DES MOINES, IOWA 50319
 P: 515.281.7400 | F: 515.281.7401 | WWW.SHVEHATTERY.COM

WALLACE BUILDING DEMOLITION

DATE	APPROVED BY
REV	APPROVED FOR
NO	ISSUE DATE
PROJECT NUMBER	FIELD BOOK
22001040	

TRAFFIC CONTROL PLAN

C201



SITE PREPARATION AND DEMOLITION NOTES

- CONSTRUCTION FENCE IS REQUIRED AROUND CONSTRUCTION AREAS AND ALL UNATTENDED OPEN EXCAVATIONS. FENCE SHALL BE CONSTRUCTED AS SHOWN ON THE PLAN AND MAINTAINED IN AN UPRIGHT POSITION AT ALL TIMES. PROVIDE GREEN CONSTRUCTION FENCE TO SECURE ALL WORK OUTSIDE OF THE CHAIN LINK FENCE. SEE DETAILS 2 & 6/CS01.
- ALL CONSTRUCTION AND TREE PROTECTION FENCE SHALL BE INSTALLED BY THE CONTRACTOR AND APPROVED BY OWNER PRIOR TO START OF SITE CONSTRUCTION ACTIVITIES. NO MATERIALS OR VEHICLES MAY BE STORED OR PARKED UNDER THE DRIPLINE OF TREES. TREE PROTECTION FENCE MUST PROTECT THE ENTIRE TREE AS SHOWN ON 1/CS01. IT MAY BE PULLED BACK TEMPORARILY FOR WORK WITHIN THE DRIPLINE.
- CONTRACTOR SHALL USE CAUTION WHILE INSTALLING FENCE NOT TO DAMAGE UNDERGROUND UTILITIES.
- FENCING, BARRICADES AND SIGNAGE MUST BE USED TO DIVERT TRAFFIC AROUND THE CONSTRUCTION ACTIVITY.
- ALL ROADWAYS AND DRIVES EXCEPT FOR THOSE INDICATED SHALL BE KEPT OPEN AT ALL TIMES. THE CONTRACTOR MUST PERFORM THE WORK IN A MANNER THAT WILL MAINTAIN UNINTERRUPTED VEHICULAR AND PEDESTRIAN TRAFFIC. CONTRACTOR TO MAINTAIN ROADS FREE OF RUTS.
- CONTRACTOR IS REQUIRED TO MAINTAIN POSITIVE DRAINAGE ON SITE PRIOR TO PERFORMING SOIL DISTURBING ACTIVITIES.
- CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES ON SITE PRIOR TO PERFORMING SOIL DISTURBING ACTIVITIES.
- CONTACT THE OWNER IMMEDIATELY AND SUSPEND WORK IF SUSPECT CONTAMINATED SOIL IS ENCOUNTERED.
- DUST CONTROL: THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES WHERE DUST IS GENERATED. FREQUENT WATERING OF THE SITE, SPRINKLING/IRRIGATION, REGESTATIVE COVER, MULCH, WINDBREAKS, TILLAGE, STONE AND SPRAY-ON CHEMICAL SOIL TREATMENTS (PALLIATIVES) ARE POSSIBLE DUST CONTROL MEASURES. IF THE DUST CONTROL IS NOT ACCEPTABLE IT SHALL BE CHANGED AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- CONTACT THE OWNER'S REPRESENTATIVE TO COORDINATE ANY TREE PRUNING REQUIRED FOR WORK. ALL PRUNING OF TREES SHOWN TO REMAIN SHALL BE COMPLETED BY OWNER. THE CONTRACTOR SHALL USE CAUTION NOT TO DAMAGE TREES NOT SHOWN TO BE REMOVED.
- REMOVAL AND DISPOSAL OF EXISTING TREES AND SHRUBS WITHIN CONSTRUCTION LIMITS SHALL BE DISPOSED OF OFF SITE AND IN ACCORDANCE WITH GOVERNMENTAL REGULATIONS. STUMPS AND ROOTS ARE TO BE GROUND TO A MINIMUM TWO FEET BELOW FINISHED GRADE.
- CONTRACTOR SHALL STRIP TOPSOIL. ALL EXISTING TOPSOIL THAT IS ACCEPTABLE TO THE OWNER MAY BE REUSED. ALL REMAINING TOPSOIL SHALL BE DISPOSED OF OFF SITE.
- EXCESS EXCAVATED MATERIAL THAT WILL NOT BE USED ON SITE OR STOCKPILED SHALL BE DISPOSED OF OFF-SITE AT LOCATION(S) SECURED BY THE CONTRACTOR.
- IN THE EVENT THAT LIGHTING CIRCUITS ARE DISRUPTED INTENTIONALLY OR UNINTENTIONALLY THE CONTRACTOR SHALL IMMEDIATELY PROVIDE A TEMPORARY SPLICE TO REESTABLISH THE CIRCUIT. THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE PRIOR TO MAKING ANY PERMANENT ELECTRICAL CONNECTIONS. PERMANENT CONNECTIONS SHALL BE PROVIDED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- EXISTING PAVEMENT SHALL BE REMOVED IN FULL PANELS OR AS NOTED ON DRAWINGS. DOUBLE SAW CUTTING SHALL BE AT THE CONTRACTOR'S DISCRETION. IF THE EDGES OF EXISTING PANELS ARE DAMAGED DURING CONSTRUCTION, THOSE PANELS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL PAVEMENT REMOVAL LIMITS AND ACCOUNT FOR THOSE IN THE BID PRICE. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR PAVEMENT REMOVAL IN ADDITION TO WHAT IS SHOWN IN THE DRAWINGS. THE LIMITS OF ROADWAY AND SIDEWALK REMOVAL SHOWN ARE A MINIMUM.
- CONTRACTOR SHALL REPLACE AT NO COST TO THE OWNER ALL DAMAGED STREET SIGNS, PAVEMENT MARKINGS, SIDEWALK LAMPS, SIDEWALKS, STEPS, LANDSCAPE STRUCTURES, CURB AND GUTTER, STREETS, DRIVES 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 AT NO COST TO THE OWNER. PAVEMENT, CURBS, GUTTERS, AND SIDEWALKS SHALL BE REMOVED TO THE NEAREST JOINT A MINIMUM OF TWO FEET BEYOND THE EDGE OF ALL EXCAVATIONS. CONTRACTOR SHALL DOCUMENT (OR PHOTO) ALL CRACKED PCC PAVEMENT OR DAMAGED ASPHALT PAVEMENT PRIOR TO CONSTRUCTION. IF NEW CRACKS IN PCC PAVEMENT DEVELOP OR ASPHALT PAVEMENT IS DAMAGED DUE TO CONSTRUCTION TRAFFIC (EXTENDS BEYOND CONSTRUCTION LIMITS), CONTRACTOR SHALL REPLACE DAMAGED AREA AT NO ADDITIONAL COST TO THE OWNER.
- ALL LANDSCAPING INCLUDING TREES, SHRUBS, BUSHES AND GRASS OR TURF NOT CALLED OUT TO BE REMOVED ON THE DRAWINGS SHALL BE REPLACED WHERE DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER. WHERE TREES, BUSHES AND SHRUBS CANNOT BE OR ARE NOT PROTECTED, OR ARE OTHERWISE DESTROYED OR DAMAGED BY CONTRACTOR, THE TREES, BUSHES AND SHRUBS SHALL BE REPLACED WITH NEW PLANTS OF THE SAME VARIETY AND SIZE AS THE PLANT DAMAGED OR DESTROYED. WHERE GRASS OR TURF IS DESTROYED OR DAMAGED DURING CONSTRUCTION, SURFACE SHALL BE RESTORED TO THE CONDITION THAT EXISTED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL TREAT THE ON SITE SOILS AND BRING IN ROCK SURFACING AS NEEDED TO MAINTAIN A SUITABLE WORKING SURFACE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SECURED BUILDING AND SITE PERIMETER AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT.

SHIVEHATTERY
 1000 11th Street NE, Des Moines, IA 50319
 515.281.1111
 2800 NORTHGATE BLVD
 DES MOINES, IOWA 50318
 515.281.1111 / 515.281.1111

WALLACE BUILDING DEMOLITION

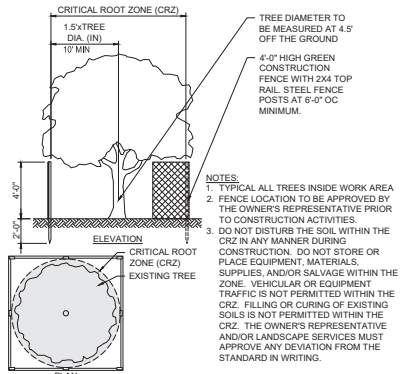
DATE	APR 2024
BY	ETW
REVISION	NO
ISSUED FOR	NO
ISSUE DATE	10/20/2023
PROJECT NUMBER	220007460
FIELD BOOK	---

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
 PROJECT NUMBER: 220007460
 DES MOINES, IA

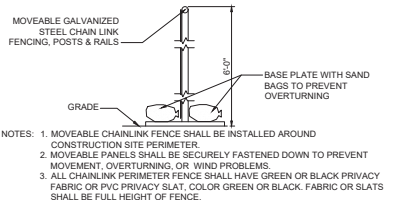
SITE PREPARATION AND DEMOLITION - SURFACE

C301

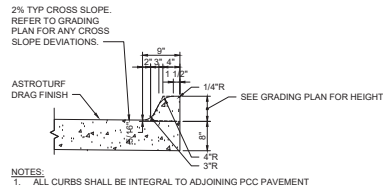
APPROVED BY	DATE	APPROVED BY	DATE
DESIGNED BY	DATE	DESIGNED BY	DATE
DRAWN BY	DATE	DRAWN BY	DATE
PROJECT NUMBER	22000440	FIELD BOOK	



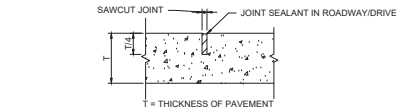
1 TREE PROTECTION DETAIL
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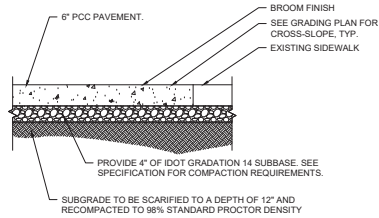
2 CHAIN LINK CONSTRUCTION FENCE
NOT TO SCALE



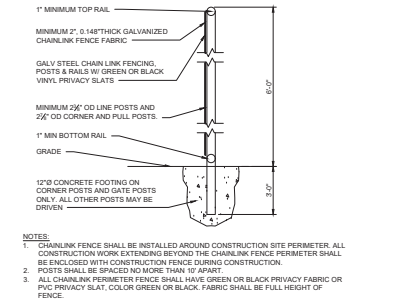
3 STANDARD BARRIER CURB
NOT TO SCALE



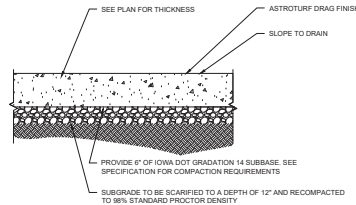
4 CONTROL JOINT DETAIL
NOT TO SCALE



5 PCC SIDEWALK
NOT TO SCALE



6 CHAINLINK CONSTRUCTION FENCE
NOT TO SCALE

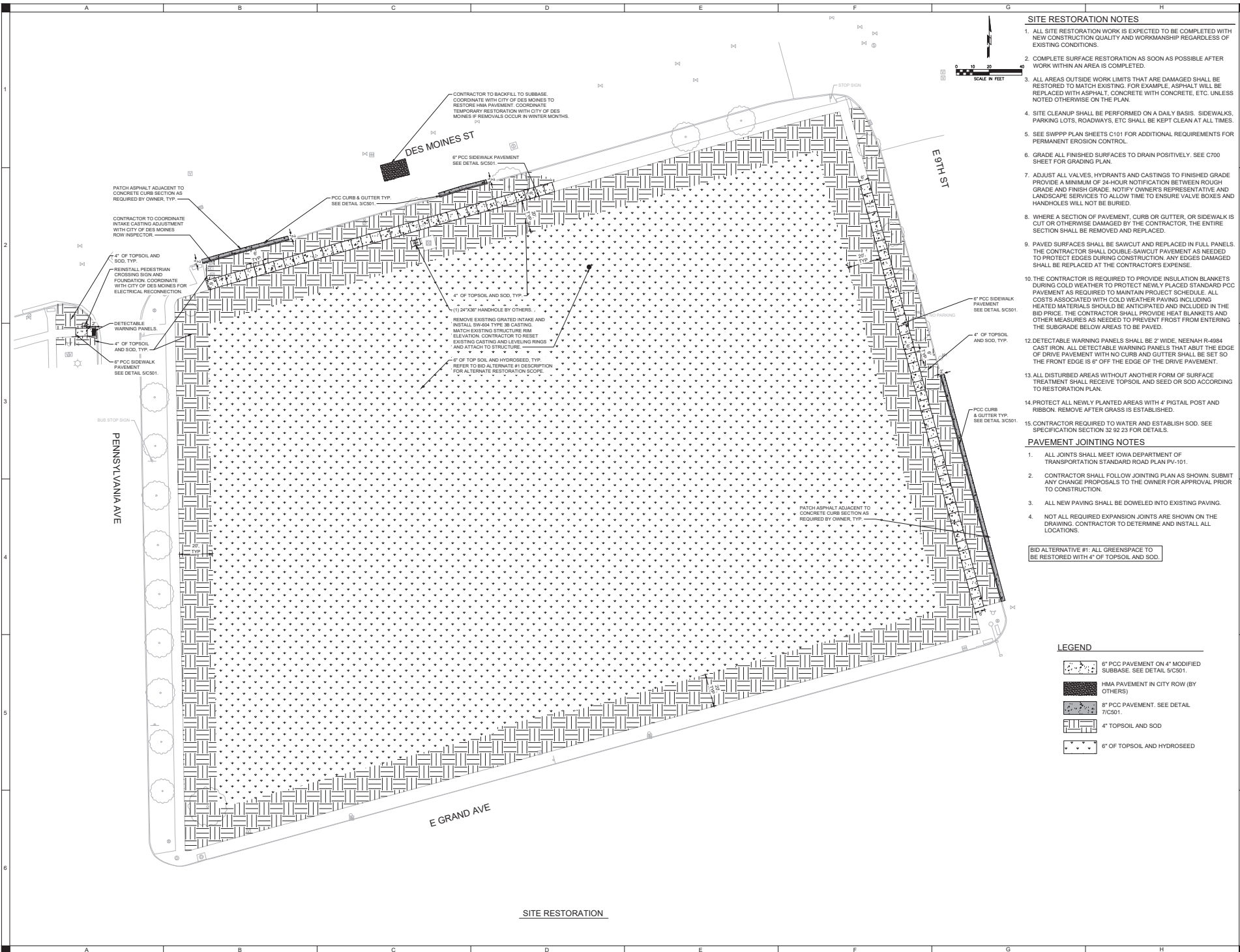


7 PCC PAVEMENT
NOT TO SCALE

Trade	Item	Date Available for Removal	Req'd Completion	Storage Location	Completed Date
Electricians	(Excludes Exterior Doors)	8/7/2025	8/15/2025	JP Electrical Area	
Electricians	Stripes	10/3/2025	10/1/2025	JP Electrical Area	
Electricians	Light Fixtures (enough to take to Hoover to last a while)	11/7/2025	11/4/2025	JP Electrical Area	
Electricians	Stripes demolition	11/7/2025	11/4/2025	JP Electrical Area	
Electricians	New card readers in the building (Excludes Exterior Doors)	8/7/2025	8/15/2025	JP Electrical Area	
Electricians	New card readers in the building	10/3/2025	10/1/2025	JP Electrical Area	
Carpent/Locksmith	Ceiling Tiles	8/7/2025	8/15/2025	FMC Southside Trailers	9/22/25
Carpent/Locksmith	New bathroom partitions	8/7/2025	8/15/2025	FMC Southside Trailers	9/22/25
Carpent/Locksmith	2-3 Cipher Locks (Kaba Locks) (Excludes Exterior Doors)	8/7/2025	8/15/2025	FMC Locksmith Storage	9/22/25
Carpent/Locksmith	15-20 SKD Cores (Excludes Exterior Doors)	8/7/2025	8/15/2025	FMC Locksmith Storage	9/22/25
Carpent/Locksmith	Electric Stripes (Excludes Exterior Doors)	8/7/2025	8/15/2025	FMC Locksmith Storage	9/22/25
Mechanical/Plumbing	50 Siemens DX1's	10/3/2025	10/1/2025	CEP	
Mechanical/Plumbing	50 Siemens Thermostats	10/3/2025	10/1/2025	CEP	
Mechanical/Plumbing	All back actuators	10/3/2025	10/1/2025	CEP	
Mechanical/Plumbing	50 back actuators	10/3/2025	10/1/2025	CEP	
Mechanical/Plumbing	DX1 actuators switch	10/3/2025	10/1/2025	CEP	
Mechanical/Plumbing	All jamers processors	10/3/2025	10/1/2025	CEP	
Mechanical/Plumbing	2 x 4 trimm from new bathrooms and flush valves	8/7/2025	8/15/2025	Luxis basement mechanical	9/10
Mechanical/Plumbing	8 splits from new bathrooms and flush valves	8/7/2025	8/15/2025	Luxis basement mechanical	9/10
Mechanical/Plumbing	All rollers in the building	11/4/2025	11/4/2025	Luxis basement mechanical	
Elevators	2 - Controllers - South Elevator	11/17/2025	11/2/2025	Parking garage LL storage	
Elevators	2 - In-cab Cables - South Elevator	11/17/2025	11/2/2025	Parking garage LL storage	
Elevators	2 - In-cab Boards in the Car Top Boxes - South Elevator	11/17/2025	11/2/2025	Parking garage LL storage	
Elevators	2 - Controllers - North Elevator	11/17/2025	11/2/2025	Parking garage LL storage	
Elevators	2 - In-cab Cables - North Elevator	11/17/2025	11/2/2025	Parking garage LL storage	
Elevators	2 - In-cab Boards in the Car Top Boxes - North Elevator	11/17/2025	11/2/2025	Parking garage LL storage	
Elevators	2 - In-cab Boards in the Car Operating Panel - North Elevator	11/17/2025	11/2/2025	Parking garage LL storage	
Energy Manager	2 - Power Logic Meters	12/1/2025	12/8/2025	CEP switch gear shed	
Grounds	Parking Signage	11/20/2025	11/4/2025	Grounds Shop	
Quintel	Fire Extinguishers	11/7/2025	11/4/2025	FMC	
Mechanical/Plumbing	6 - plywood barriers	9/26/25	9/26/25	CEP	9/26

9 OWNER SALVAGE LIST

COORDINATE WITH OWNER TO CONFIRM ALL SALVAGE ITEMS ARE REMOVED FROM BUILDING PRIOR TO DEMOLITION



SITE RESTORATION NOTES

1. ALL SITE RESTORATION WORK IS EXPECTED TO BE COMPLETED WITH NEW CONSTRUCTION QUALITY AND WORKMANSHIP REGARDLESS OF EXISTING CONDITIONS.
2. COMPLETE SURFACE RESTORATION AS SOON AS POSSIBLE AFTER WORK WITHIN AN AREA IS COMPLETED.
3. ALL AREAS OUTSIDE WORK LIMITS THAT ARE DAMAGED SHALL BE RESTORED TO MATCH EXISTING. FOR EXAMPLE, ASPHALT WILL BE REPLACED WITH ASPHALT, CONCRETE WITH CONCRETE, ETC. UNLESS NOTED OTHERWISE ON THE PLAN.
4. SITE CLEANUP SHALL BE PERFORMED ON A DAILY BASIS. SIDEWALKS, PARKING LOTS, ROADWAYS, ETC SHALL BE KEPT CLEAN AT ALL TIMES.
5. SEE SWPPP PLAN SHEETS C101 FOR ADDITIONAL REQUIREMENTS FOR PERMANENT EROSION CONTROL.
6. GRADE ALL FINISHED SURFACES TO DRAIN POSITIVELY. SEE C700 SHEET FOR GRADING PLAN.
7. ADJUST ALL VALVES, HYDRANTS AND CASTINGS TO FINISHED GRADE PROVIDE A MINIMUM OF 24-HOUR NOTIFICATION BETWEEN ROUGH GRADE AND FINISH GRADE. NOTIFY OWNERS REPRESENTATIVE AND LANDSCAPE SERVICES TO ALLOW TIME TO ENSURE VALVE BOXES AND HANDHOLES WILL NOT BE BURIED.
8. WHERE A SECTION OF PAVEMENT, CURB OR GUTTER, OR SIDEWALK IS CUT OR OTHERWISE DAMAGED BY THE CONTRACTOR, THE ENTIRE SECTION SHALL BE REMOVED AND REPLACED.
9. PAVED SURFACES SHALL BE SAWCUT AND REPLACED IN FULL PANELS. THE CONTRACTOR SHALL DOUBLE-SAWCUT PAVEMENT AS NECESSARY TO PROTECT EDGES DURING CONSTRUCTION. ANY EDGES DAMAGED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
10. THE CONTRACTOR IS REQUIRED TO PROVIDE INSULATION BLANKETS DURING COLD WEATHER TO PROTECT NEWLY PLACED STANDARD PCC PAVEMENT AS REQUIRED TO MAINTAIN PROJECT SCHEDULE. ALL COSTS ASSOCIATED WITH COLD WEATHER PAVING INCLUDING HEATED MATERIALS SHOULD BE ANTICIPATED AND INCLUDED IN THE BID PRICE. THE CONTRACTOR SHALL PROVIDE HEAT BLANKETS AND OTHER MEASURES AS NEEDED TO PREVENT FROST FROM ENTERING THE SUBGRADE BELOW AREAS TO BE PAVED.
12. DETECTABLE WARNING PANELS SHALL BE 2' WIDE, NEEHAH R-4984 CAST IRON. ALL DETECTABLE WARNING PANELS THAT ABUT THE EDGE OF DRIVE PAVEMENT WITH NO CURB AND GUTTER SHALL BE SET SO THE FRONT EDGE IS 6" OFF THE EDGE OF THE DRIVE PAVEMENT.
13. ALL DISTURBED AREAS WITHOUT ANOTHER FORM OF SURFACE TREATMENT SHALL RECEIVE TOPSOIL AND SEED OR SOD ACCORDING TO RESTORATION PLAN.
14. PROTECT ALL NEWLY PLANTED AREAS WITH 4" PIGTAIL POST AND RIBBON. REMOVE AFTER GRASS IS ESTABLISHED.
15. CONTRACTOR REQUIRED TO WATER AND ESTABLISH SOD. SEE SPECIFICATION SECTION 32 92 23 FOR DETAILS.

PAVEMENT JOINTING NOTES

1. ALL JOINTS SHALL MEET IOWA DEPARTMENT OF TRANSPORTATION STANDARD ROAD PLAN PV-101.
2. CONTRACTOR SHALL FOLLOW JOINTING PLAN AS SHOWN. SUBMIT ANY CHANGE PROPOSALS TO THE OWNER FOR APPROVAL PRIOR TO CONSTRUCTION.
3. ALL NEW PAVING SHALL BE DOWELED INTO EXISTING PAVING.
4. NOT ALL REQUIRED EXPANSION JOINTS ARE SHOWN ON THE DRAWING. CONTRACTOR TO DETERMINE AND INSTALL ALL LOCATIONS.

BID ALTERNATIVE #1: ALL GREENSPACE TO BE RESTORED WITH 4" OF TOPSOIL AND SOD.

LEGEND

- 6" PCC PAVEMENT ON 4" MODIFIED SUBBASE. SEE DETAIL 5/C501.
- HMA PAVEMENT IN CITY ROW (BY OTHERS)
- 8" PCC PAVEMENT. SEE DETAIL 7/C501.
- 4" TOPSOIL AND SOD
- 6" OF TOPSOIL AND HYDROSEED

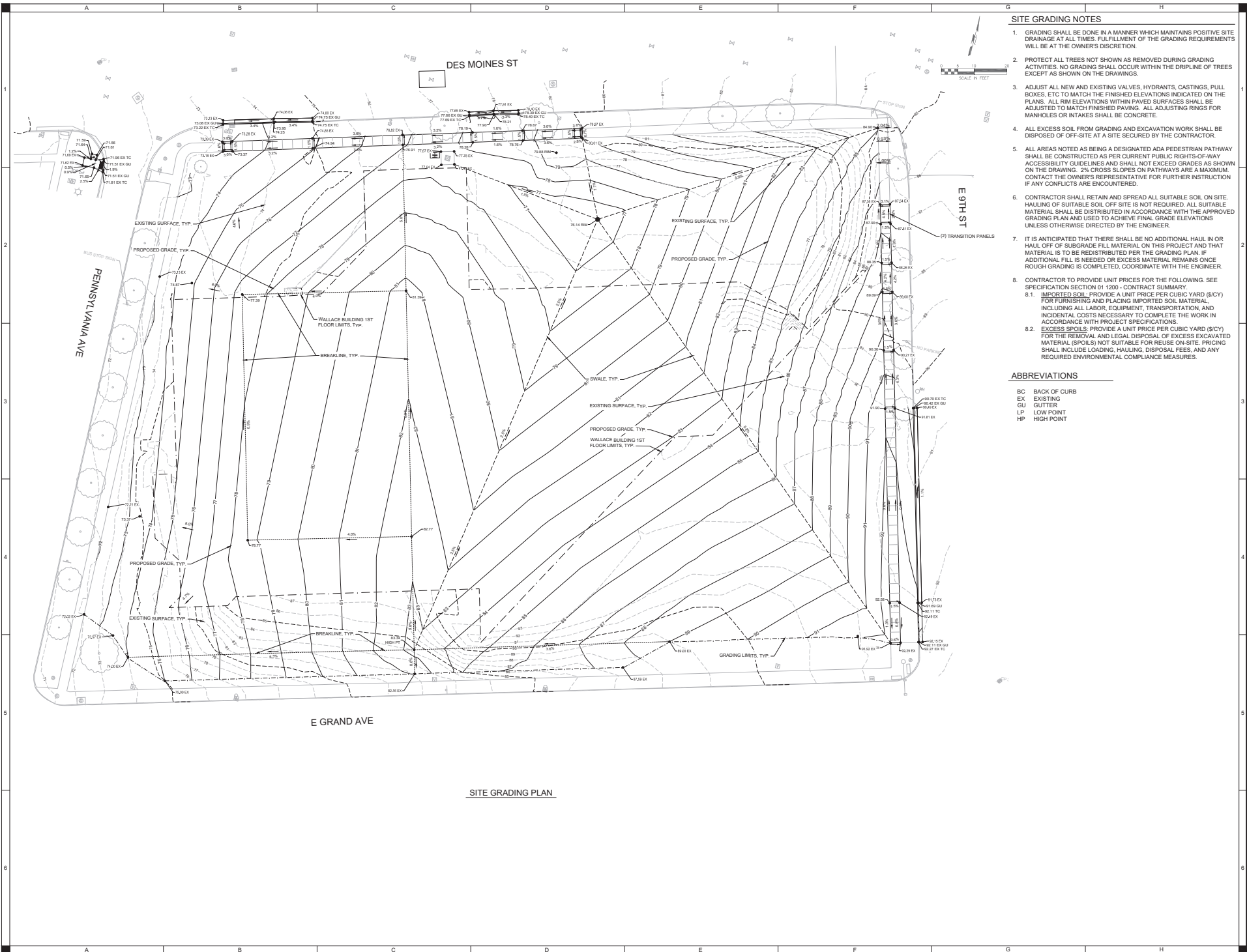
SITE RESTORATION

SHVEHATTERY
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WALLACE BUILDING DEMOLITION
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
 PROJECT NUMBER: 8478.00
 DES MOINES, IA

DRAWN BY	AWB
APPROVED BY	ETW
SUBMIT DATE	10/05/25
ISSUE DATE	10/05/25
PROJECT NUMBER	22000 0440
FIELD BOOK	...

SITE RESTORATION
C601



- ### SITE GRADING NOTES
- GRADING SHALL BE DONE IN A MANNER WHICH MAINTAINS POSITIVE SITE DRAINAGE AT ALL TIMES. FULFILLMENT OF THE GRADING REQUIREMENTS WILL BE AT THE OWNER'S DISCRETION.
 - PROTECT ALL TREES NOT SHOWN AS REMOVED DURING GRADING ACTIVITIES. NO GRADING SHALL OCCUR WITHIN THE DRIPLINE OF TREES EXCEPT AS SHOWN ON THE DRAWINGS.
 - ADJUST ALL NEW AND EXISTING VALVES, HYDRANTS, CASTINGS, PULL BOXES, ETC TO MATCH THE FINISHED ELEVATIONS INDICATED ON THE PLANS. ALL RIM ELEVATIONS WITHIN PAVED SURFACES SHALL BE ADJUSTED TO MATCH FINISHED PAVING. ALL ADJUSTING RINGS FOR MANHOLES OR INTAKES SHALL BE CONCRETE.
 - ALL EXCESS SOIL FROM GRADING AND EXCAVATION WORK SHALL BE DISPOSED OF OFF-SITE AT A SITE SECURED BY THE CONTRACTOR.
 - ALL AREAS NOTED AS BEING A DESIGNATED ADA PEDESTRIAN PATHWAY SHALL BE CONSTRUCTED AS PER CURRENT PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES AND SHALL NOT EXCEED GRADES AS SHOWN ON THE DRAWING. 2% CROSS SLOPES ON PATHWAYS ARE A MAXIMUM. CONTACT THE OWNER'S REPRESENTATIVE FOR FURTHER INSTRUCTION IF ANY CONFLICTS ARE ENCOUNTERED.
 - CONTRACTOR SHALL RETAIN AND SPREAD ALL SUITABLE SOIL ON SITE. HAULING OF SUITABLE SOIL OFF SITE IS NOT REQUIRED. ALL SUITABLE MATERIAL SHALL BE DISTRIBUTED IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND USED TO ACHIEVE FINAL GRADE ELEVATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - IT IS ANTICIPATED THAT THERE SHALL BE NO ADDITIONAL HAUL IN OR HAUL OFF OF SUBGRADE FILL MATERIAL ON THIS PROJECT AND THAT MATERIAL IS TO BE REDISTRIBUTED PER THE GRADING PLAN. IF ADDITIONAL FILL IS NEEDED OR EXCESS MATERIAL REMAINS ONCE ROUGH GRADING IS COMPLETED, COORDINATE WITH THE ENGINEER.
 - CONTRACTOR TO PROVIDE UNIT PRICES FOR THE FOLLOWING. SEE SPECIFICATION SECTION 01 1200 - CONTRACT SUMMARY.
 - IMPORTED SOIL: PROVIDE A UNIT PRICE PER CUBIC YARD (\$/CY) FOR FURNISHING AND PLACING IMPORTED SOIL MATERIAL, INCLUDING ALL LABOR, EQUIPMENT, TRANSPORTATION, AND INCIDENTAL COSTS NECESSARY TO COMPLETE THE WORK IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
 - EXCESS SPOILS: PROVIDE A UNIT PRICE PER CUBIC YARD (\$/CY) FOR THE REMOVAL AND LEGAL DISPOSAL OF EXCESS EXCAVATED MATERIAL (SPOILS) NOT SUITABLE FOR REUSE ON-SITE. PRICING SHALL INCLUDE LOADING, HAULING, DISPOSAL FEES, AND ANY REQUIRED ENVIRONMENTAL COMPLIANCE MEASURES.

ABBREVIATIONS

BC	BACK OF CURB
EX	EXISTING
GU	GUTTER
LP	LOW POINT
HP	HIGH POINT

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WALLACE BUILDING DEMOLITION
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
 PROJECT NUMBER: 8478.00
 DES MOINES, IA

DRAWN BY	AWB
APPROVED BY	ETW
ISSUED FOR	RD
ISSUE DATE	10/05/20
PROJECT NUMBER	22001040
FIELD BOOK	...

SITE GRADING PLAN

C700

DRAWN BY	DATE
APPROVED BY	DATE
SUBMITTED FOR	DATE
ISSUE DATE	10/05/2015
PROJECT NUMBER	22300 (H&O)
FIELD BOOK	...

CAST-IN-PLACE CONCRETE

- ALL CONCRETE SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE PUBLICATIONS: ACI 308.1, ACI 308.1R, ACI 308.1R-1, ACI 308.1R-2, AND ACI 318 UNLESS NOTED OTHERWISE.
- CONCRETE COMPRESSIVE STRENGTH (28 DAY) (F)
 FOUNDATION WALLS 4000 PSI
 ELEVATED SLABS 4000 PSI
- CONCRETE REINFORCEMENT STANDARDS:
 DEFORMED BARS ASTM A615 Fy = 60 KSI
 SYNTHETIC FIBER REINFORCING ASTM C1116 Fy = 60 KSI
 EPS® COATED REINFORCING ASTM A775 Fy = 60 KSI
- ALL CONCRETE SHALL BE STONE AGGREGATE UNLESS NOTED OTHERWISE. SUBMIT MIX DESIGN AND DOCUMENTATION FOR APPROVAL PER ACI 318.
- REINFORCEMENT PROTECTION:
 A. CONCRETE PLACED AGAINST EARTH - 3"
 B. CONCRETE PLACED IN FORMS BUT EXPOSED TO WEATHER OR EARTH
 a. BARS 6" AND SMALLER - 1 1/2"
 b. BARS LARGER THAN 6" - 2"
 C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
 a. SLABS, WALLS, AND COISTS - 3"
 b. BEAMS, COLUMNS - 1 1/2"
- WHERE REQUIRED, DOWELS SHALL MATCH THE SIZE, NUMBER AND SPACING OF THE MAIN REINFORCING UNLESS NOTED OTHERWISE.
- ALL SPLICES, STANDARD HOOKS, AND DEVELOPMENT LENGTHS TO BE PER THE REFERENCED EDITION OF ACI 318. MAKE BARS CONTINUOUS AROUND CORNERS. ALL SPLICES SHALL BE BY CONTACT LAP.
- ALL SPLICES SHALL BE A CLASS "B" TENSION SPLICE AS DEFINED IN ACI 318. PROVIDE LAP SPLICES LENGTHS AS FOLLOWS:

BAR SIZE	4000 PSI	
	TYPICAL	TOP BARS
#3	12"	25"
#4	22"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	72"	91"
#10	72"	102"
#11	81"	114"

- LAP SPLICE LENGTHS GIVEN ABOVE CLEAR SPACING BETWEEN BARS OF 2 BAR DIAMETERS, AND A MINIMUM CLEAR COVER OF 1 BAR DIAMETER. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" ON FRESH CONCRETE BENEATH THE BARS.
- WALLS AND GRADE BEAMS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE, UNLESS APPROVED BY THE ENGINEER.
 - CONSTRUCTION JOINTS IN STRUCTURAL CONCRETE WORK MUST BE MADE AT CENTER OF SPAN OR AT CENTER OF SUPPORT WITH VERTICAL BULLHEADS AND HORIZONTAL KEYS, UNLESS OTHERWISE SHOWN.
 - WHERE THERE SHALL BE NO ADDITIONAL OPENINGS LARGER THAN 10" IN CONCRETE WALLS AND SLABS NOT SHOWN, REFERS TO CONCRETE OPENING DETAIL FOR ADDITIONAL REINFORCEMENT AROUND OPENINGS.
 - REINFORCING STEEL SHALL BE SECURELY FASTENED INTO FORMS PRIOR TO POURING CONCRETE. WET SETTING OF REINFORCING STEEL WILL NOT BE ACCEPTED PER ACI.
 - CONCRETE MIX - FOUNDATION WALL
 COARSE AGGREGATE 100% PASSING 3/8" SIEVE
 FINE AGGREGATE 100% PASSING 3/8" SIEVE
 WATER/CEMENT RATIO 0.48
 SLUMP (NO WATER REDUCER) 4" to 1"
 SLUMP (WITH WATER REDUCER) 4" TO 8"
 AIR CONTENT 6% to 15%
 - CONCRETE MIX - SLAB ON GRADE
 COARSE AGGREGATE 100% PASSING 3/8" SIEVE
 FINE AGGREGATE 100% PASSING 3/8" SIEVE
 WATER/CEMENT RATIO 0.5
 SLUMP (WITH WATER REDUCER) 4" TO 6"
 AIR CONTENT LESS THAN 3%

DESIGN INFORMATION

- CODES:
 A. INTERNATIONAL BUILDING CODE (IBC) 2024
 B. AMERICAN CONCRETE INSTITUTE - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318)
 C. AMERICAN INSTITUTE OF STEEL CONSTRUCTION - SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 360)
 ALLOWABLE STRESS DESIGN (ASD)
 D. AMERICAN SOCIETY OF CIVIL ENGINEERS AND STRUCTURAL ENGINEERING INSTITUTE (ASCE) 7 - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
 E. AMERICAN WELDING SOCIETY D1.1
- DESIGN LOADS PER THE 2024 IBC (RISK CATEGORY II)
 A. DEAD LOADS
 STRUCTURE SELF WEIGHT AS SHOWN
 B. LIVE LOADS
 TYPICAL FLOOR LIVE LOADS (REDUCIBLE PER IRC 1027.10)
 ELEVATED SLAB 60 PSF
 C. DEFLECTION CRITERIA
 FLOOR LIVE LOAD L/360

GENERAL NOTES

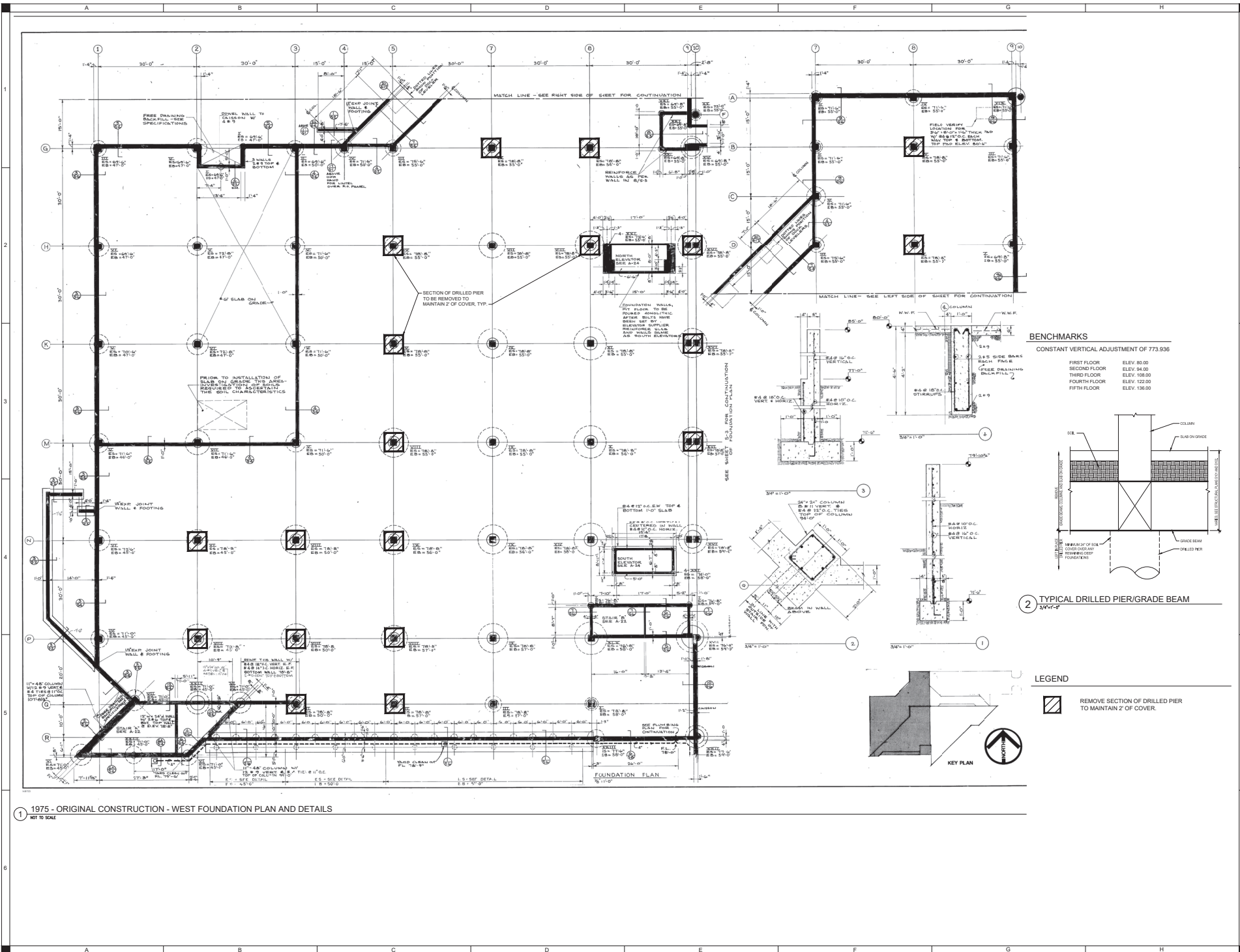
- THE GENERAL STRUCTURAL NOTES ARE INTENDED TO SUPPLEMENT THE DRAWINGS SHOULD CONFLICTS EXIST BETWEEN THESE DRAWINGS NOTIFY THE ENGINEER OF ANY SUCH CONFLICTS.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ALL PROJECT DRAWINGS AND SPECIFICATIONS. REFER TO ALL DRAWINGS FOR THE COORDINATION OF THE WORK IN THIS PROJECT.
- THE INTENT OF THESE PLANS AND NOTES IS TO PRESENT THE PROJECT REQUIREMENTS. MAJOR DETAILS HAVE BEEN SHOWN ON THE DRAWINGS HOWEVER CERTAIN MINOR DETAILS SHALL BE WORKED OUT IN THE FIELD OR SHOP DRAWING PROCESS BY THE CONTRACTOR.
- UNLESS NOTED OTHERWISE, DETAILS SHOWN ON DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
- THE STRUCTURE IS DESIGNED TO BE STABLE AND SELF-SUPPORTING AFTER THE BUILDING IS ERECTED AND ALL CONNECTIONS ARE COMPLETED UNLESS NOTED OTHERWISE. THE DRAWINGS DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO PREPARE THE CONSTRUCTION PROCEDURE AND SCHEDULING TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF TEMPORARY BRACKS, GUYS AND TIE-DOWS NECESSARY FOR THE ERECTION PROCESS.
- IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW THE APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR'S CONSTRUCTION AND ERECTION SEQUENCE SHALL CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF THE STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.
- EXISTING CONDITIONS:
 A. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS RELATING TO EXISTING CONSTRUCTION AND EXISTING SERVICES ON SITE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING COLUMNS, WALLS, GIRDERS, ETC. WITH THE ARCHITECTURAL DRAWINGS PRIOR TO PROCEEDING WITH THE WORK. ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
 B. DURING CONSTRUCTION THE CONTRACTOR MAY ENCOUNTER EXISTING CONDITIONS WHICH ARE NOT KNOWN OR ARE AT VARIANCE WITH PROJECT DOCUMENTATION (DISCOVERY). SUCH CONDITIONS MAY INTERFERE WITH THE NEW CONSTRUCTION OR REQUIRE PROTECTION AND/OR SUPPORT OF EXISTING WORK DURING CONSTRUCTION. IT MAY ALSO CONSIST OF DAMAGED OR THE DEGRADATION OF STRUCTURAL MATERIALS OR COMPONENTS WHICH COULD JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDINGS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL DISCOVERIES WHICH MAY INTERFERE WITH THE PROPER EXECUTION OF THE WORK OR JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDINGS) PRIOR TO PROCEEDING WITH THE WORK RELATED TO SUCH DISCOVERIES.
 C. DURING THE CONSTRUCTION PROCESS, IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE AND TO PROTECT IT FROM DAMAGE ANY PORTIONS THAT ARE TO REMAIN.
 D. CONTRACTOR SHALL INVESTIGATE THE SITE DURING EARTHWORK OPERATIONS FOR FILL MATERIAL OR BURIED STRUCTURES. IMMEDIATELY NOTIFY THE ENGINEER IF ANY SUCH MATERIALS OR STRUCTURES ARE DISCOVERED.
- STRUCTURAL COORDINATION
 A. MECHANICAL, ELECTRICAL OR PLUMBING LOADS, OPENINGS AND SUPPORT FRAMING ARE SHOWN FOR RECORD PURPOSES ONLY. CONTRACTOR SHALL OBTAIN APPROVAL OF THE MECHANICAL, ELECTRICAL OR PLUMBING CONTRACTOR BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK.
 B. THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL OPENINGS, HOLES AND SLEEVES THROUGH FOUNDATIONS AND OTHER STRUCTURAL ELEMENTS WITH THE MECHANICAL, ELECTRICAL AND PLUMBING CONTRACTORS. NO OPENINGS SHALL PASS THROUGH STRUCTURAL MEMBERS UNLESS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER.
 C. EXCESSIVE VIBRATIONS TO VARIATION IN THE STRUCTURE TO ACCOMMODATE A SUBSTITUTION OR ALTERNATE MANUFACTURERS) FROM THE LISTED BASIS OF DESIGN SHALL BE BORNE BY THE CONTRACTOR.
- BEFORE SUBMITTING A BID, EACH BIDDER SHALL VISIT THE SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS, CONSTRUCTION REQUIREMENTS, RESTRICTIONS, QUANTITIES AND EQUIPMENT NECESSARY TO COMPLETE THE WORK. THE BID SHALL INCLUDE ALL ITEMS REQUIRED TO COMPLETE THE WORK WITHIN THE EXISTING CONDITIONS OR VIOLATION OF THE OWNERS NORMAL ACTIVITIES AROUND THE CONSTRUCTION SITE SHALL BE KEPT TO A MINIMUM.
- THE COST OF ADDITIONAL DESIGN WORK DUE TO ERRORS AND OMISSIONS BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE BORNE BY THE RESPONSIBLE CONTRACTOR.
- ANY ENGINEERING DESIGN PROVIDED BY OTHER AND SUBMITTED FOR REVIEW OR RECORD SHALL BEAR THE STAMP AND SIGNATURE OF A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT EXISTS.
- CONTRACTOR SHALL COORDINATE WORK SCHEDULES WITH THE OWNER TO ESTABLISH CONSTRUCTION SEQUENCING AROUND ANY OCCUPIED AREAS. CONTRACTOR SHALL NOT PROCEED TO OCCUPIED AREAS UNTIL AUTHORIZED BY THE OWNER.
- ALL ELEMENTS AND SURFACES DAMAGED BY DEMOLITION, BUT NOT SCHEDULED FOR REMOVAL SHALL BE REPAIRED AND REFINISHED TO MATCH THE ADJACENT SURFACES AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL REMOVE ALL DEBRIS AND WASTE MATERIALS RESULTING FROM CONSTRUCTION FROM THE SITE, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL MINIMIZE CREATION OF DUST, DIRTY AND WINDBORNE DEBRIS FROM BLOWING ACROSS THE SITE AND ONTO ADJACENT SITES.
- CONTRACTOR SHALL COVER ANY EXTERIOR OPENING WITH TEMPORARY CLOSURES WHEN NOT WORKING ON SITE TO PROTECT THE INTERIOR SPACES FROM WEATHER, INSECTS, ROBBERS AND INTRUDERS.

STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL CONFORM TO THE REFERENCED EDITION OF THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
- STRUCTURAL STEEL MATERIAL STANDARDS
 THIN FLANGE SECTIONS ASTM A992 Fy = 50 KSI
 ANGLES, CHANNELS & PLATES ASTM A36 Fy = 36 KSI
 STAMPS AND RECTANGULAR HSS ASTM A500, GR C Fy = 50 KSI
 ROUND HSS ASTM A500, GR B Fy = 46 KSI
 STANDARD PIPE SECTIONS ASTM A53, GR B Fy = 35 KSI
- STRUCTURAL STEEL CONNECTION STANDARDS:
 HIGH STRENGTH BOLTS ASTM F1554 GRADE A325
 TENSION CONTROL BOLT/NUT/WASHER ASTM F1922
 HEAVY HEX NUT ASTM A643
 ANCHOR RODS ASTM A308
 HEADED WELDED STUDS ASTM F1554 GRADE 36
 WELDING ELECTRODES (CARBON STEEL) AWS 5.1, E70XX
- WELDING SHALL BE IN ACCORDANCE WITH STRUCTURAL WELDING CODE, AWS D1.1, LATEST EDITION, AND SHALL BE PERFORMED BY CERTIFIED WELDERS ONLY USING PROPER ELECTRODES FOR MATERIAL BEING WELDED. PROVIDE WELD SIZE IN ACCORDANCE WITH AISC SPECIFICATIONS, BUT NOT LESS THAN 3/16" FLLET, CONTINUOUS UNLESS OTHERWISE NOTED.
- ALL HIGH STRENGTH BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH RCSC - SPECIFICATION FOR STRUCTURAL BOLTING WITH ASTM A325 OR ASTM A308. SEE DRAWINGS FOR BOLTS SIZES. USE 3/4" DIAMETER, A325 BOLTS UNLESS NOTED OTHERWISE.
- WHEN TENSION CONTROL BOLTS ARE INDICATED "TC" ON THE DRAWINGS, PROVIDE HIGH STRENGTH TENSION CONTROLLED BOLTS MEETING ASTM F1554, TYPE 1.
- ALL BOLTED CONNECTIONS ARE BEARING TYPE, UNLESS INDICATED AS TENSION CONTROLLED (TC) OR SLIP CRITICAL (SC). PROVIDE STANDARD HOLES FOR BEARING TYPE CONNECTION WHICH ARE 1/16" WIDER DIAMETER THAN THE BOLT.
- ALL STEEL FRAMING, STEEL L-INLET ASSEMBLIES, BRICK RELIEF ANGLES AND CONNECTORS SHALL BE HOT DIP GALVANIZED. ITEMS INDICATED TO BE GALVANIZED SHALL BE HOT-DIP GALVANIZED IN COMPLIANCE WITH ASTM A123.
- AFTER FABRICATION, ALL STEEL SHALL BE CLEANED OF ALL RUST, LOOSE MILL SCALE AND OTHER FOREIGN MATERIALS. STEEL SHALL BE HAND TOoled CLEANED (OSP-SP) OR POWER TOOL CLEANED (SPC-SP).
- ALL AREAS OF STRUCTURAL STEEL MEMBERS IN WHICH THE HOT DIP GALVANIZED SURFACE IS DAMAGED DURING CONSTRUCTION SHALL BE TOUCHED UP WITH AN ENGINEER APPROVED REPAIR MATERIAL.
- THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.
- ALL MISCELLANEOUS STEEL AS SHOWN OR REFERENCED ON THE CIVIL DRAWINGS SHALL BE FABRICATED AND INSTALLED AS PART OF THE STRUCTURAL STEEL.
- CONTRACTOR SHALL PROVIDE ALL TEMPORARY SHORES, GUYS, BRACES AND OTHER SUPPORTS DURING ERECTION TO KEEP STRUCTURAL STEEL, PLUMB AND IN ALIGNMENT AGAINST TEMPORARY CONSTRUCTION LOADS AND LOADS EQUAL TO DESIGN LOADS. REMOVE ALL TEMPORARY SUPPORTS WHEN PERMANENT STRUCTURAL STEEL FRAMING AND CONNECTIONS ARE COMPLETE.
- MAINTAIN ERECTION TOLERANCES OF STRUCTURAL STEEL WITHIN AISC 303, "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
- DO NOT CHANGE MEASURED BOLT HOLES BY BURNING OR THERMAL CUTTING. REAM HOLES THAT MUST BE ENLARGED TO INSTALL BOLTS.

SUBMITTALS

- CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL THE FOLLOWING SUBMITTALS FOR EACH MATERIAL INDICATED BELOW.
- CONCRETE REINFORCEMENT SHOP DRAWINGS IN ACCORDANCE WITH ACI 318 FOR APPROVAL:
 A. SUBMIT CONCRETE REINFORCEMENT SHOP DRAWINGS IN ACCORDANCE WITH ACI 318 FOR APPROVAL.
 B. DETAIL BARS IN ACCORDANCE WITH "ACI DETAILING MANUAL," PUBLICATION SP-66 AND THE LATEST EDITION OF ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
- CAST-IN-PLACE CONCRETE
 A. SUBMIT CONCRETE MIX DESIGNS FOR EACH APPLICATION LOCATION INDICATED IN THE DRAWINGS.
 B. SUBMIT SHOP DRAWING OF EMBEDDED STEEL ELEMENTS AND CONNECTIONS.
- STRUCTURAL STEEL
 A. STRUCTURAL STEEL SHOP DRAWINGS SHOWING COMPLETE DIMENSIONS, DETAILS, SIZES, AND GRADES OF STEEL MEMBERS AND CONNECTIONS, SIZE, TYPE, AND NUMBER OF STEEL COMPONENTS.
 B. STRUCTURAL STEEL SHOP DRAWINGS SHALL BE DETAILING IN COMPLIANCE WITH THE AISC "DETAILING FOR STEEL CONSTRUCTION," STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN COMPLIANCE WITH AISC 360 - SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.



SHIVE HATTERY
ARCHITECTS & ENGINEERS INC.
2800 NORTHGATE DRIVE
EDWARDSVILLE, ILLINOIS 62205
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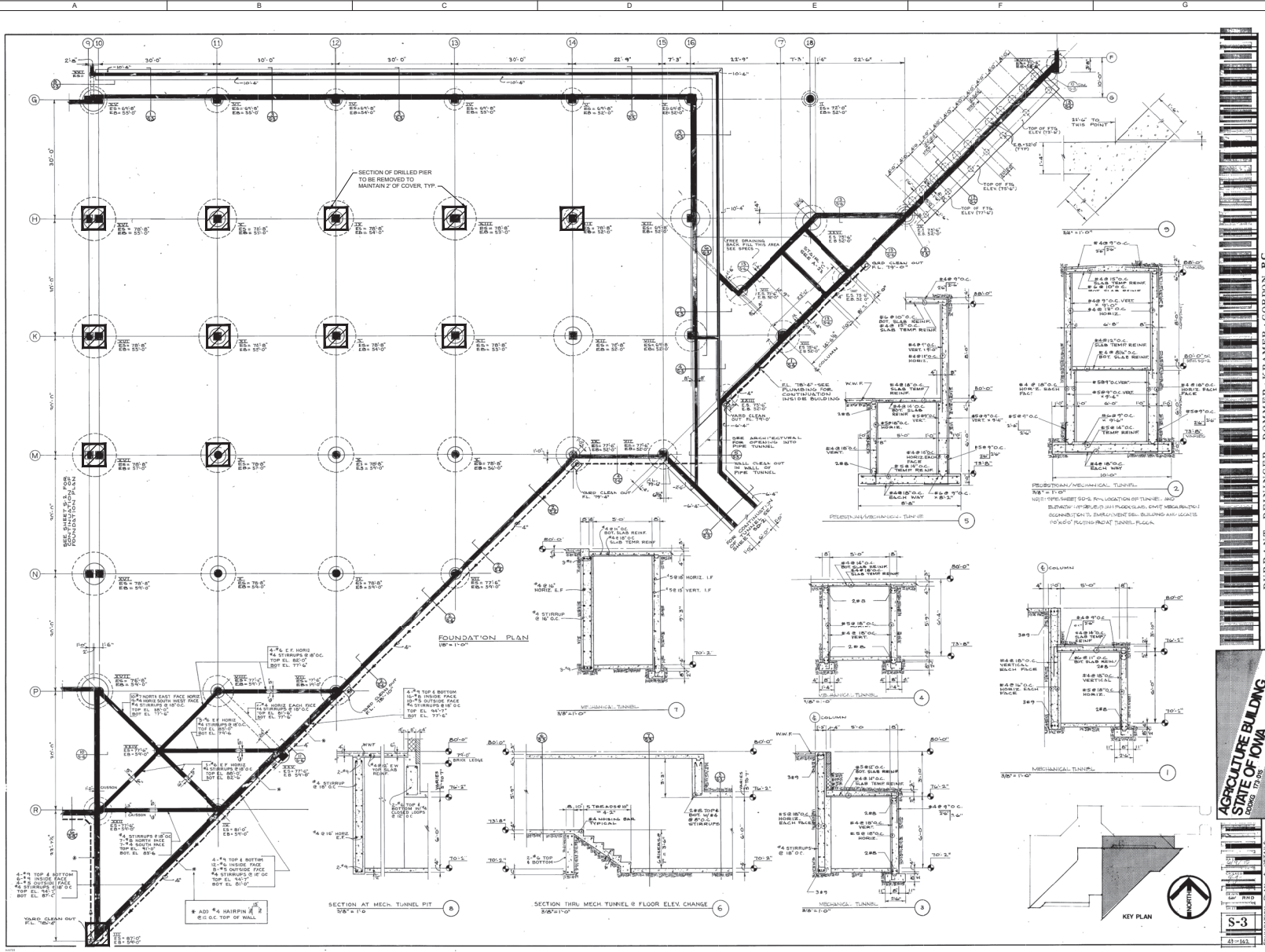
WALLACE BUILDING DEMOLITION

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES
PROJECT NUMBER: 8475.00
DESIGN NUMBER: 14

DRAWN BY	AWB
APPROVED BY	EDW
ISSUED FOR	RD
ISSUE DATE	10/02/05
PROJECT NUMBER	22300-0400
FIELD BOOK	11

1975 ORIGINAL CONSTRUCTION - WEST FOUNDATION PLAN AND DETAILS

S101



1 1975 - ORIGINAL CONSTRUCTION - EAST FOUNDATION PLAN AND DETAILS
NOT TO SCALE

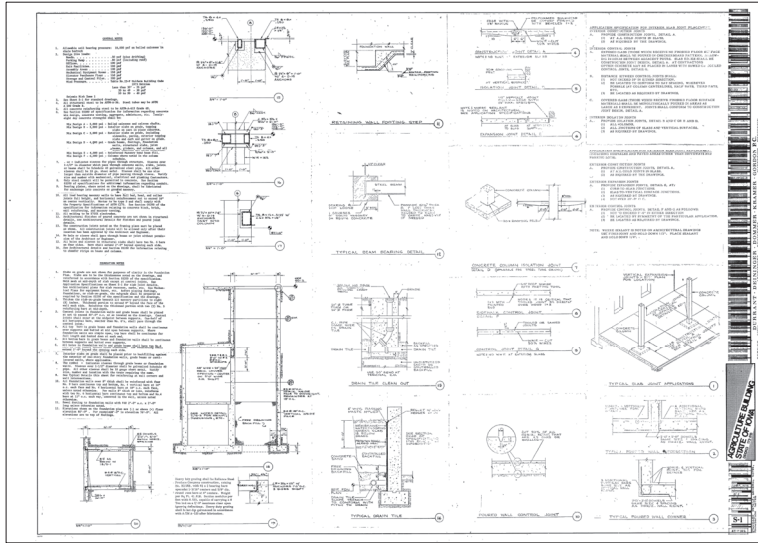
LEGEND

-  REMOVE SECTION OF DRILLED PIER TO MAINTAIN 2" OF COVER.

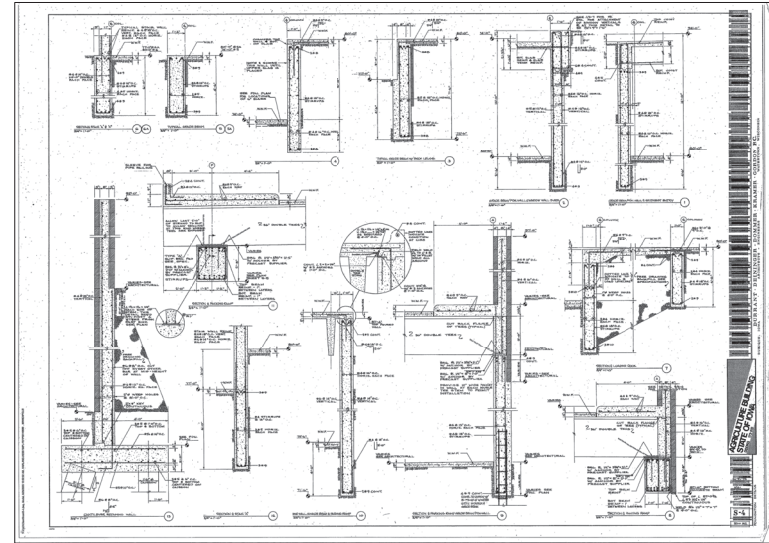


DURRANT, DEININGER, DOMMER, KRAMER, GORDON, P.C.
ARCHITECTS - ENGINEERS
DESIGNER, IOWA

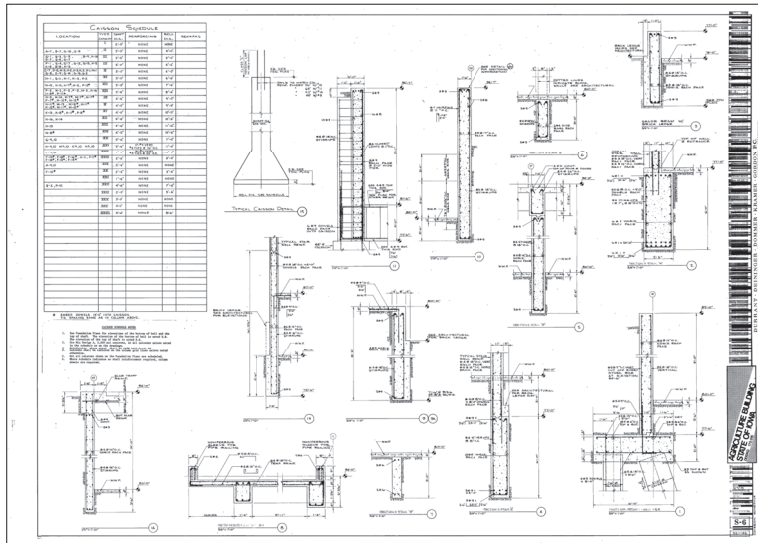
DRAWN BY	AWB
APPROVED BY	EDW
ISSUED FOR	10/02/05
ISSUE DATE	2/20/04/05
PROJECT NUMBER	22000400
FIELD BOOK	41-161



1 1975 - ORIGINAL CONSTRUCTION - STANDARD DETAILS, GENERAL NOTES, FOUNDATION NOTES
NOT TO SCALE



2 1975 - ORIGINAL CONSTRUCTION - FOUNDATION DETAILS
NOT TO SCALE



4 1975 - ORIGINAL CONSTRUCTION - CAISSON SCHEDULE
NOT TO SCALE

DATE	10/20/05
BY	ETW
PROJECT NUMBER	22000440
FIELD BOOK	