CHEROKEE MENTAL HEALTH INSTITUTE 1251 W CEDAR LOOP CHEROKEE, IA 51012



VICINITY MAP

NTS

GENERAL NOTES

- 1. THE LOCATIONS OF UTILITY MAINS, STRUCTURES AND SERVICE CONNECTIONS PLOTTED ON THE DRAWINGS ARE APPROXIMATE ONLY AND WERE OBTAINED FROM RECORDS MADE AVAILABLE TO SHIVE-HATTERY, INC. THERE MAY BE OTHER EXISTING UTILITY MAINS, STRUCTURES AND SERVICE CONNECTIONS NOT KNOWN TO SHIVE-HATTERY, INC. AND NOT SHOWN ON THE DRAWINGS. THE VERIFICATION OF EXISTENCE OF AND THE DETERMINATION OF THE EXACT LOCATION OF UTILITY MAINS, STRUCTURES AND SERVICE CONNECTIONS SHALL BE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR(S).
- 2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT CRITICAL LOCATIONS TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION.
- 3. THE FACILITY WILL COMPLETE PRIVATE UTILITY LOCATES OF ALL FACILITY UTILITIES REQUIRED BY IOWA ONE-CALL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL LOCATES AND CONFIRM THEY ARE COMPLETED PRIOR TO THE START OF CONSTRUCTION.
- 4. 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.
- 5. NOTIFY UTILITY COMPANIES WHOSE FACILITIES ARE SHOWN ON THE PLANS OR KNOWN TO BE WITHIN THE CONSTRUCTION LIMITS OF THE SCHEDULE PRIOR TO EACH STAGE OF CONSTRUCTION.
- 6. UNLESS OTHERWISE SPECIFIED, ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS).
- 7. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY/STATE REGULATIONS/CODES AND OSHA STANDARDS.
- 8. THE MEANS OF THE WORK AND THE SAFETY OF THE CONTRACTOR'S EMPLOYEES ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- 9. NO WORK SHALL BE PERFORMED BEYOND THE PROJECT LIMITS WITHOUT PRIOR AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE.
- 10. PROTECT EXISTING UTILITIES DURING CONSTRUCTION.
- 11. MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION
- 12. SITE CLEAN-UP SHALL BE PERFORMED ON A DAILY BASIS. DRIVES, ROADWAYS, ETC. SHALL BE KEPT CLEAN AT ALL TIMES.
- 13. ALL OPEN EXCAVATIONS SHALL BE PROTECTED.



PROJECT MAP

NTS

- 14. REPAIR OR REPLACE DAMAGED SITE FEATURES (WALLS, PAVEMENT, UTILITIES, FENCES, ETC.) TO REMAIN AT NO ADDITIONAL EXPENSE TO THE STATE.
- 15. 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.
- 16. 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 WRITTEN AUTHORIZATION WILL NOT BE PAID FOR.
- 17. CONTOURS AND SPOT ELEVATIONS SHOWN ARE TO FINISHED GRADE.
- 18. THE CONTRACTOR SHALL MATCH EXISTING GRADES AT THE CONSTRUCTION LIMITS.
- 19. STAGING LOCATIONS AND CONSTRUCTION ACCESS ROUTES FOR CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE COORDINATED WITH AND APPROVED BY THE FACILITY AND CONSTRUCTION MANAGER.
- 20. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES NECESSARY TO PROTECT AGAINST SILTATION, EROSION AND DUST POLLUTION ON THE PROJECT SITE AND ANY OFF-SITE BORROW OR DISPOSAL AREAS USED FOR THIS PROJECT. COMPLY WITH SOIL EROSION CONTROL REQUIREMENTS OF IOWA CODE, FEDERAL REGULATIONS AND LOCAL ORDINANCES.
- 21. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED PER THE SPECIFICATIONS. A MINIMUM OF 6" OF TOPSOIL SHALL BE PROVIDED PER SPECIFICATIONS.
- 22. CONTROL DUST SPREADING FROM ALL WORK AND STAGING AREAS.
- 23. CONTRACTOR TO COORDINATE ANY SITE, UTILITY OR GRADE ADJUSTMENTS WITH THE CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH THE WORK.
- 24. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF WORK OF ALL SUBCONTRACTOR(S) INVOLVED ON THE PROJECT.
- 25. SIGNING, STRIPING OR OTHER TRAFFIC CONTROL DEVICES ON THE ROADWAY SHOULD CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD, FEDERAL HIGHWAY ADMINISTRATION, 2009 EDITION)

Sheet	List Table
Sheet Number	Sheet Title
C000	COVER SHEET
C001	CONSTRUCTION NOTES
C002	EXISTING CONDITIONS
C003	OVERALL SITE PLAN
CD01	DEMOLITION PLAN
C101	SITE PLAN
C201	GRADING PLAN
C301	UTILITY PLAN
C501	CONSTRUCTION DETAILS
C502	CONSTRUCTION DETAILS
E101	ELECTRICAL SITE PLAN

CONTACT INFORMATION

ENGINEER

SHIVE-HATTERY, INC.
ATTN: CHRIS BAUER OR KYLE LAWSON
CBAUER@SHIVE-HATTERY.COM
KLAWSON@SHIVE-HATTERY.COM
4125 WESTOWN PKWY, SUITE 100
WEST DES MOINES, IA 50266
515-223-8104

CONSTRUCTION MANAGER

STORY CONSTRUCTION ATTN: DARREN MILLIKEN DARREN.MILLIKEN@STORYCON.COM 2810 WAKEFIELD CIRCLE AMES, IA 50010 515-291-5358

OWNER

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF BUSINESS AND PROPERTY SERVICES ATTN: BRANDON ADMS BRANDON.ADAMS@IOWA.GOV 109 SE 13TH STREET DES MOINES, IA 50319 515-201-2197

SITE ADDRESS

CHEROKEE MENTAL HEALTH INSTITUTE 1251 W CEDAR LOOP CHEROKEE, IA

Legend

EXISTING	DESCRIPTION	PROPOSED
James La	TREE	Sylvinger
* * \ * * \ * \	TREE REMOVAL	
\$	LIGHT POLE	\$
	BOLLARD	
	FIRE HYDRANT	>
\bowtie	VALVE	\bowtie
	CLEANOUT	(D)
	CURB INTAKE	
\ominus	STORM INTAKE	\ominus
	FLARED END SECTION	
	DRAINAGE MANHOLE	
S	SANITARY MANHOLE	S
	TRANSFORMER	
	CURB AND GUTTER (PCC)	
910	MAJOR CONTOUR	910
909	MINOR CONTOUR	909
— — — E— — —	ELECTRICAL LINE	— — — — E— — —
	GAS MAIN	
	SANITARY SEWER	
>>	STORM SEWER	
	WATER MAIN	
yuu uuuh	BUILDING	
	PCC PAVING	4
	PAVING DEMO	

CIVIL ENGINEER

Signature:	Date
Printed or typed name:	CHRISTOPHER R. BAUER
License Number:	19737
My License Renewal Date	is: DECEMBER 31, 2023

C000

p.\Projects\DM\2142302600\deliverables\Drawings\1_Civi\\C00

- CONTRACTOR TO COORDINATE CONSTRUCTION ACCESS, STAGING AND CONSTRUCTION PARKING AREAS WITH FACILITY AND CONSTRUCTION MANAGER AND MINIMIZE IMPACTS TO FACILITY'S OPERATIONS.
- CONTRACTOR SHALL REPLACE ALL ADJACENT PAVEMENT DAMAGED BY CONSTRUCTION ACTIVITIES AT THE END OF CONSTRUCTION. CONTRACTOR TO PROVIDE PHOTO DOCUMENTATION OF EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
- 3. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS NOT TO BE PAVED TO THEIR ORIGINAL GRADES AND CONDITION AT THE END OF CONSTRUCTION. ALL DISTURBED AREAS SHALL BE SCARIFIED, TILLED AND SEEDED.
- 4. CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES, FENCING OR OTHER DEVICES TO KEEP UNAUTHORIZED PERSONNEL OUT OF PROJECT SITE.

TRAFFIC AND PEDESTRIAN CONTROL NOTES

- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL TRAFFIC DURING CONSTRUCTION AND PROVIDE ADEQUATE TRAFFIC AND PEDESTRIAN CONTROL AND SIGNAGE. AT A MINIMUM, CONTRACTOR TO PROVIDE TYPE III BARRICADES AT EACH END OF CLOSED ROADS AND DRIVES. COORDINATE ROAD CLOSURE REQUIREMENTS WITH FACILITY.
- 2. AT A MINIMUM, CONTRACTOR TO INSTALL AND MAINTAIN ORANGE CONSTRUCTION FENCE AROUND ALL AREAS OF ACTIVE CONSTRUCTION. CONTRACTOR SHALL ASSUME PEDESTRIAN TRAFFIC WILL BE IN THE AREA THROUGHOUT THE PROJECT DURATION.

DEMOLITION NOTES

- 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 METHODS 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.
- 2. CONTRACTOR SHALL REPLACE AT NO COST TO THE STATE ALL DAMAGED STREETS, DRIVES, SIGNS, LIGHTS, FENCES AND ALL OTHER SURFACE STRUCTURES NOT SCHEDULED TO BE REMOVED DURING THE COURSE OF THE WORK.
- 3. THE CONTRACTOR SHALL COORDINATE ANY DISRUPTION OF EXISTING UTILITIES SERVING THE FACILITY WITH THE FACILITY AND CONSTRUCTION MANAGER.
- 4. SITE LIGHTING SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION. IF SITE ELECTRICAL LINES REQUIRE RELOCATION, WORK SHALL BE COMPLETED SUCH THAT THERE ARE NO OUTAGAGES OF SITE LIGHTING DURING EVENING OR NIGHT HOURS.

EXCAVATION NOTES

- EXCAVATE GREASE INTERCEPTOR AND PROPOSED BEDDING AND BACKFILL MATERIAL PER MANUFACTURER RECOMMENDATIONS OR AS REQUIRED BY DRAWINGS AND SPECIFICATIONS. SAND BACKFILL OF NEW GREASE INTERCEPTOR STRUCTURE WILL NOT BE ALLOWED AND SHOULD BE SUBSTITUTED WITH GRANULAR MATERIAL.
- 2. EXCAVATE TRENCH AND PROVIDE PIPE BEDDING AND BACKFILL MATERIAL PER IOWA SUDAS SPECIFICATIONS UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- 3. STRIP, STOCKPILE AND RESPREAD A MINIMUM OF 6" OF TOPSOIL IN ALL SEEDING AREAS DISTURBED BY CONSTRUCTION. GRADE ALL DISTURBED AREAS TO DRAIN, AS PONDING OF WATER WILL NOT BE ACCEPTABLE.
- CONTRACTOR IS RESPONSIBLE FOR ALL BACKFILL AND FILL SETTLEMENT FOR THE PROJECT'S ONE YEAR WARRANTY PERIOD. CONTRACTOR SHALL PROVIDE ADDITIONAL FILL MATERIAL AND IS RESPONSIBLE FOR RESEEDING OF ALL SETTLEMENT AREAS AFTER SITE RESTORATION HAS BEEN COMPLETED.
- 5. ALL DEBRIS, ROCK OR CONCRETE WASTE, AND EXCESS SOIL SHALL BE DISPOSED OF OFF SITE.

GRADING AND EROSION CONTROL NOTES

- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, TANK CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED OF OFFSITE.
- 2. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- 3. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- 5. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- 6. ALL STORM SEWER INTAKES THAT RECEIVE STORMWATER RUNOFF FROM DISTURBED AREAS SHALL BE PROVIDED WITH INLET PROTECTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, PERIODIC CHECKING AND REINSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES.
- 8. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE IOWA DNR, US EPA AND LOCAL REGULATIONS DEALING WITH STORMWATER RUNOFF AND EROSION CONTROL.
- 9. THE DISTURBED CONSTRUCTION AREA IS LESS THAN 1 ACRE, SO AN NPDES GENERAL PERMIT NO. 2 AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) ARE NOT REQUIRED. HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ADEQUATE EROSION CONTROL THROUGHOUT CONSTRUCTION.

UTILITY NOTES

- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXACT LOCATIONS AND DEPTHS OF ALL EXISTING PUBLIC AND PRIVATE UTILITIES AND WHETHER ADDITIONAL UTILITIES EXIST.
- 2. ALL CLEANOUTS IN LAWN OR GRANULAR AREAS SHALL HAVE CONCRETE COLLARS.
- 3. ALL EXISTING AND PROPOSED PUBLIC AND PRIVATE UTILITY STRUCTURES SHALL BE ADJUSTED TO FINAL FINISH GRADES.

- 4. ALL PIPE BENDS AND CONNECTIONS SHALL BE MANUFACTURED CONNECTIONS
- CONTRACTOR TO MODIFY PROPOSED PIPE AND STRUCTURE INVERTS TO ACCOMMODATE EXISTING PIPE CONNECTIONS.
- 6. ALL UNDERGROUND LINES SHALL BE INSTALLED, DOCUMENTED, REVIEWED BY CONSTRUCTION MANAGER, AND APPROVED BEFORE BACKFILLING.
- 7. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH IOWA SUDAS STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED ON THE DRAWINGS OR SPECIFICATIONS.
- 8. ALL OPEN EXCAVATIONS SHALL BE PROTECTED WITH SAFETY FENCE, BARRIERS OR BARRICADES IN ACCORDANCE WITH
- 9. CONTRACTOR TO IMPLEMENT TEMPORARY SHORING OR SUPPORT AT ALL EXCAVATIONS AS REQUIRED BY CONTRACTOR'S MEANS AND METHODS. ALL DAMAGE TO EXISTING SITE IMPROVEMENTS AND UTILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE STATE.

STORM SEWER NOTES

- GRANULAR CRADLE SHALL BE CRUSHED STONE.
- 2. ALL STRUCTURE BASES SHALL BE PLACED ON A MINIMUM OF 6-INCHES OF CRUSHED STONE BEDDING.
- 3. COMPACTED BACKFILL TO BE PLACED IN LIFTS NO GREATER THAN 8 INCHES THICK.

SPECIFICATIONS

THE MOST RECENT EDITION OF THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) SHALL APPLY TO ALL SITE WORK PERFORMED ON THIS PROJECT EXCEPT AS MODIFIED HEREIN.

A. CONCRETE PAVING

CONCRETE: MATERIALS AND MIXING FOR ALL CONCRETE WORK, UNLESS OTHERWISE SPECIFIED, SHALL CONFORM TO IOWA DOT SPECIFICATIONS FOR AIR-ENTRAINED TYPE C-4 MIX WITH TYPE I CEMENT

FLY ASH: (CONTRACTOR'S OPTION AS ADDITIONAL PAYMENT WILL NOT BE PROVIDED IF FLY ASH IS NOT AVAILABLE) - ASTM C618, TYPE C, NOT TO EXCEED 15% OF CEMENTITIOUS MATERIAL.

COARSE AGGREGATE DURABILITY SHALL BE CLASS III, 3/4" MAX.

COMPRESSIVE STRENGTH: 2800 PSI @ 7 DAYS AND 4000 PSI @ 28 DAYS

SLUMP: 3" ± 1" or 8" MAXIMUM WITH SUPER PLASTICIZER.

AIR CONTENT: 7.0% ± 1.0%

WATER/CEMENT RATIO: NOT TO EXCEED 0.53

FINISH: MATCH EXISTING FINISH FOR ROADWAY AND DRIVE PATCHING.

TESTING - ONE SET OF TEST CYLINDERS REQUIRED FOR EACH 100 C.Y. OR PORTION THEREOF, OF CONCRETE POURED PER WORK LOCATION. CONCRETE TESTING TO BE DONE AND PAID FOR BY OWNER. CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL REQUIRED TESTING AND GEOTECHNICAL WORK.

SURFACE CURING: 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 AFTER FORMS ARE REQUIRED.

JOINTING: INSTALL JOINT LAYOUT TO MATCH EXISTING.

INSTALL TYPE 'RD' JOINTS AT ALL SIDES ABUTTING EXISTING PAVEMENT.

INSTALL TYPE 'CD' DOWELED CONTRACTOR JOINT FOR ALL NEW TRANSVERSE JOINTS.

PROVIDE OWNERS REPRESENTATIVE WITH CONCRETE MIX DESIGN FOR APPROVAL.

B. TRENCH EXCAVATION AND BACKFILL

BEDDING AND BACKFILL MATERIAL: SHALL COMPLY WITH IOWA SUDAS SECTION 3010.

BACKFILL COMPACTION REQUIREMENTS: AREAS UNDER LANDSCAPING AND LAWN AREAS SHALL BE COMPACTED TO 90% OF MAXIMUM STANDARD PROCTOR DENSITY.

CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING, WHICH MAY BE REQUIRED INCIDENTAL TO THE PIPE INSTALLATION.

C. TOPSOIL

STRIP, STOCKPILE AND RESPREAD EXISTING TOPSOIL IN ALL AREAS TO BE SEEDED. THE DEPTH OF TOPSOIL SHALL BE A MINIMUM OF 6" AFTER NATURAL SETTLEMENT AND SHALL CONFORM SMOOTHLY TO THE ADJACENT LINES, GRADES AND ELEVATIONS. PROVIDE ADDITIONAL TOPSOIL AS REQUIRED OR IF EXISTING TOPSOIL IS NOT PROPERLY HANDLED AND PROTECTED.

D. SITE RESTORATION

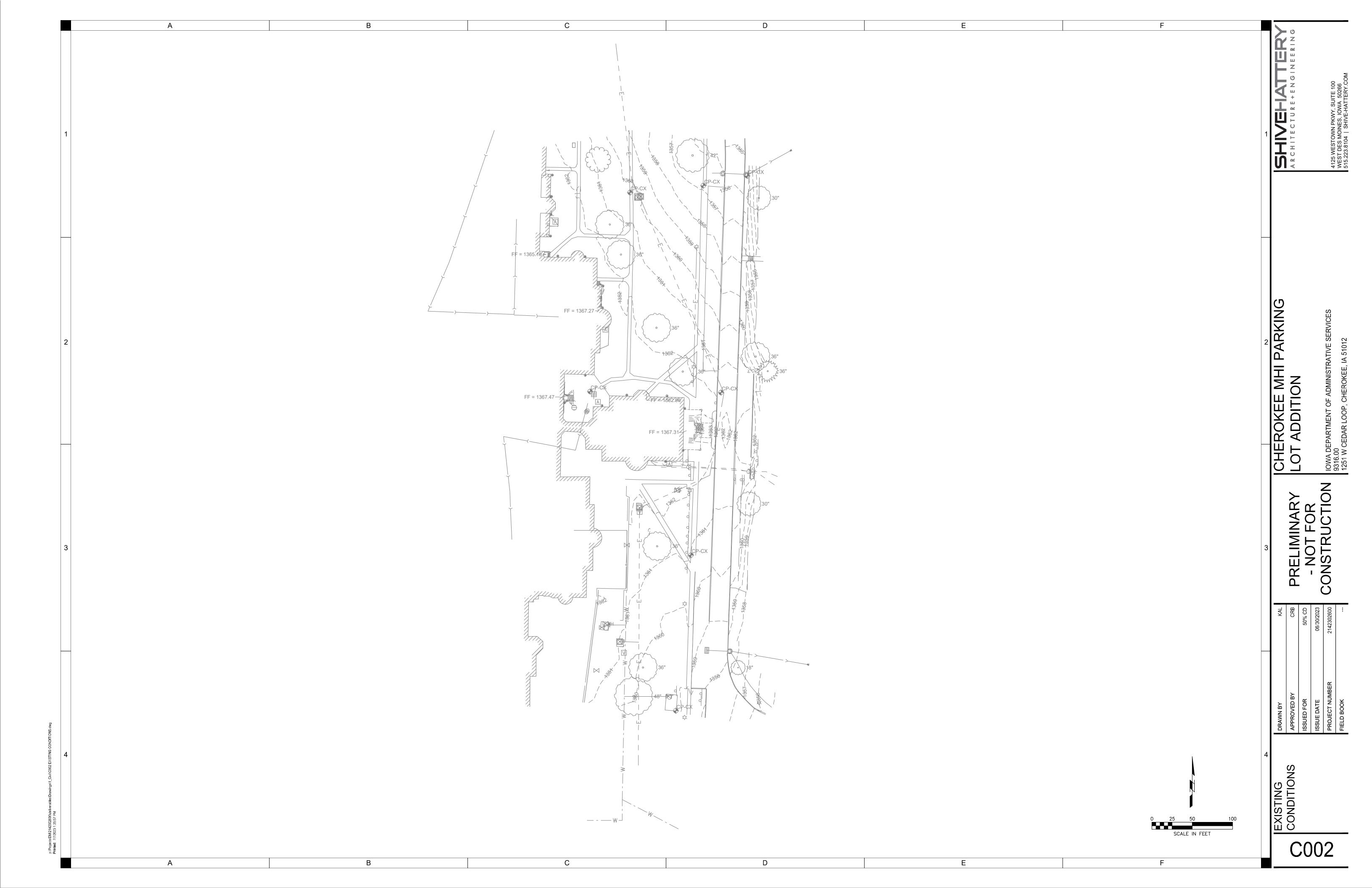
HYDRAULIC SEEDING: ALL DISTURBED AREAS ON THE SITE NOT TO BE PAVED OR LANDSCAPED SHALL RECEIVE HYDRAULIC SEEDING. HYDRAULIC SEEDING MATERIALS AND INSTALLATION SHALL MEET SUDAS SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR PREPARING SEEDBED, APPLYING HYDRAULIC SEEDING AND FIRST AND SECOND APPLICATIONS OF FERTILIZER.

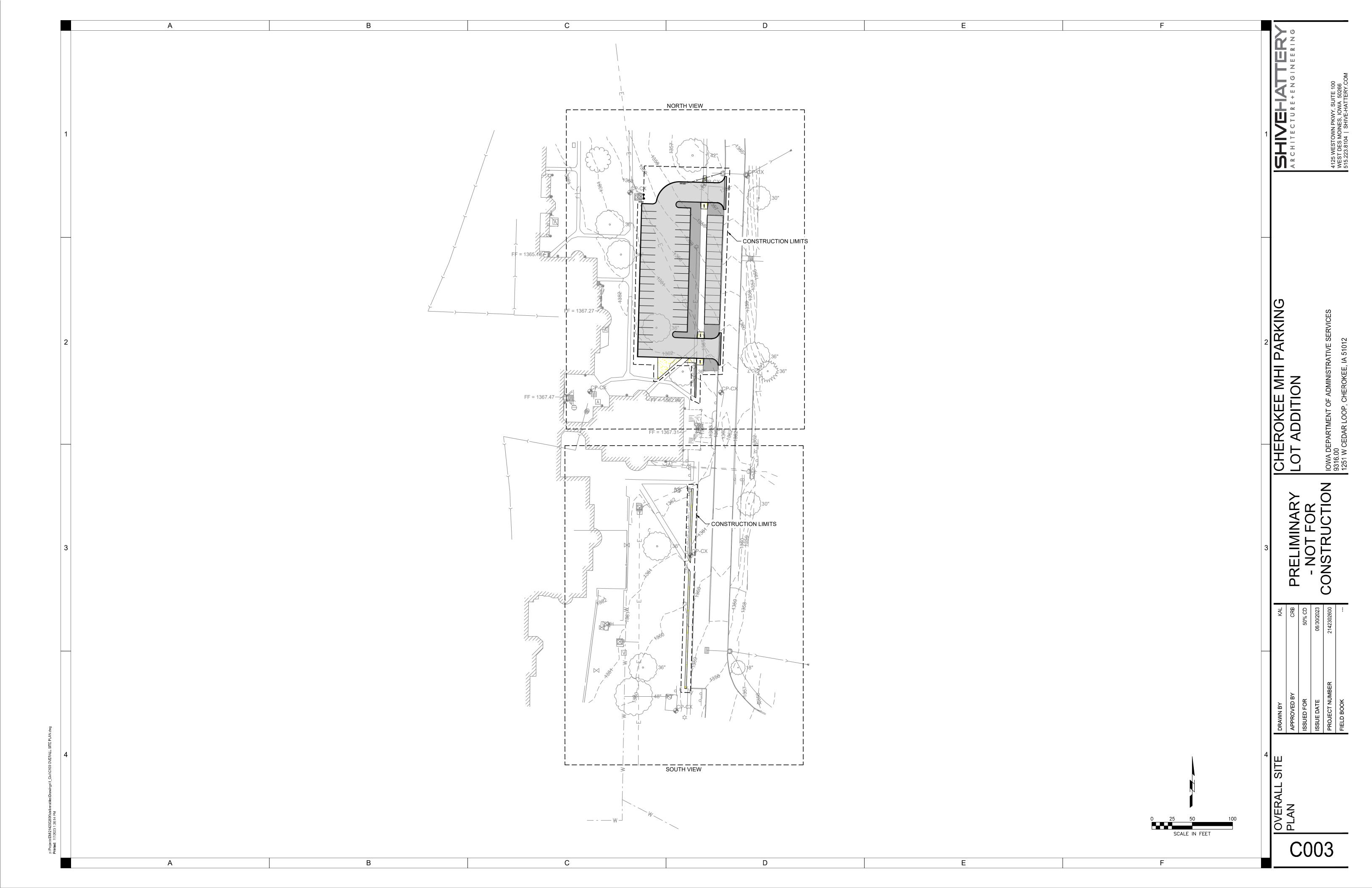
SEED MIXTURE: SUDAS TYPE 1 SEED MIXTURE (PERMANENT LAWN MIXTURE) OR APPROVED EQUAL.

SPECIFICATIONS FOR PUBLIC IMPROVEMENTS SHALL APPLY TO ALL WORK PERFORMED ON THIS PROJECT EXCEPT AS MODIFIED HEREIN.

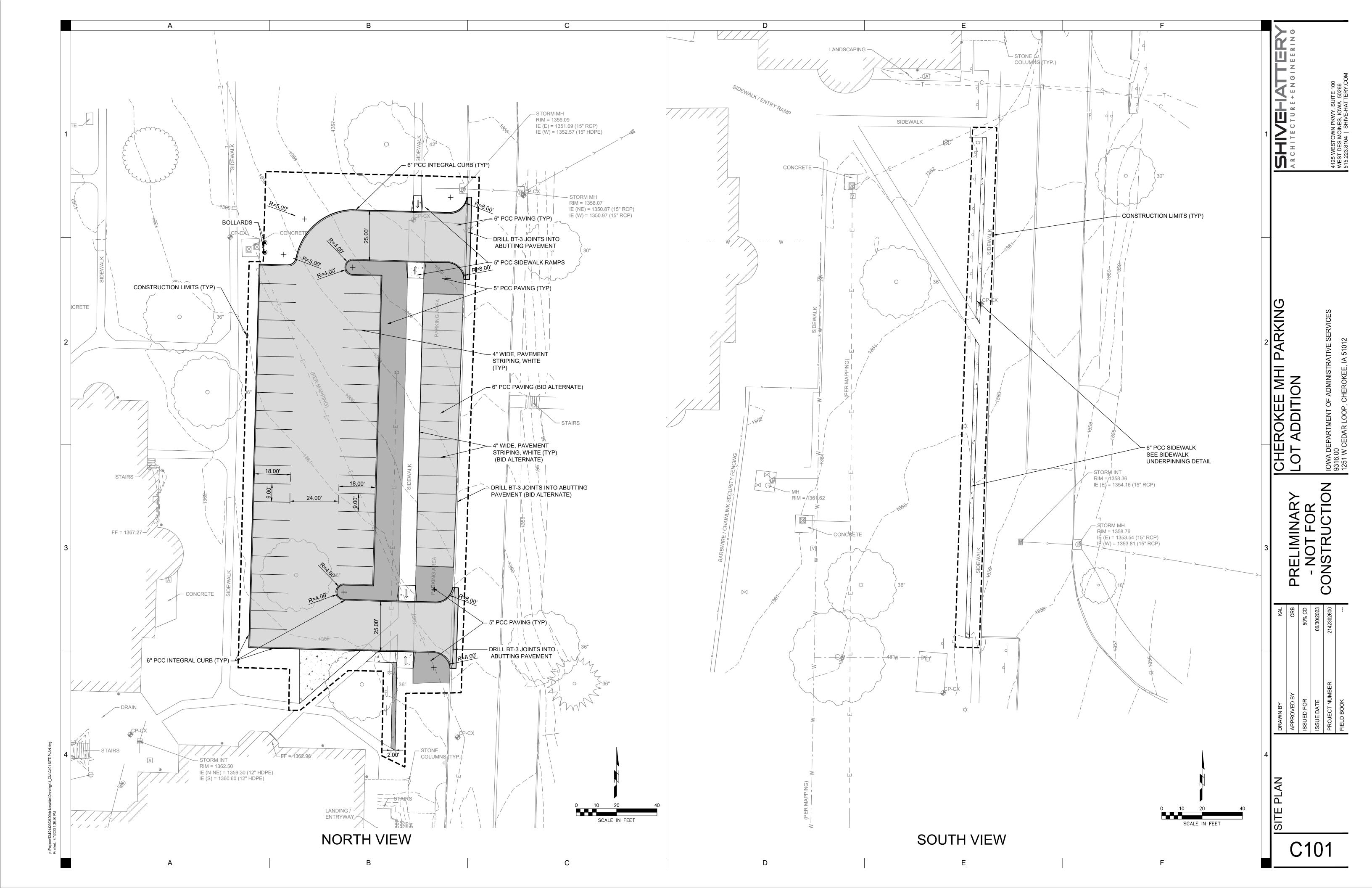
THE MOST RECENT EDITION OF THE IOWA STATEWIDE URBAN DESIGN

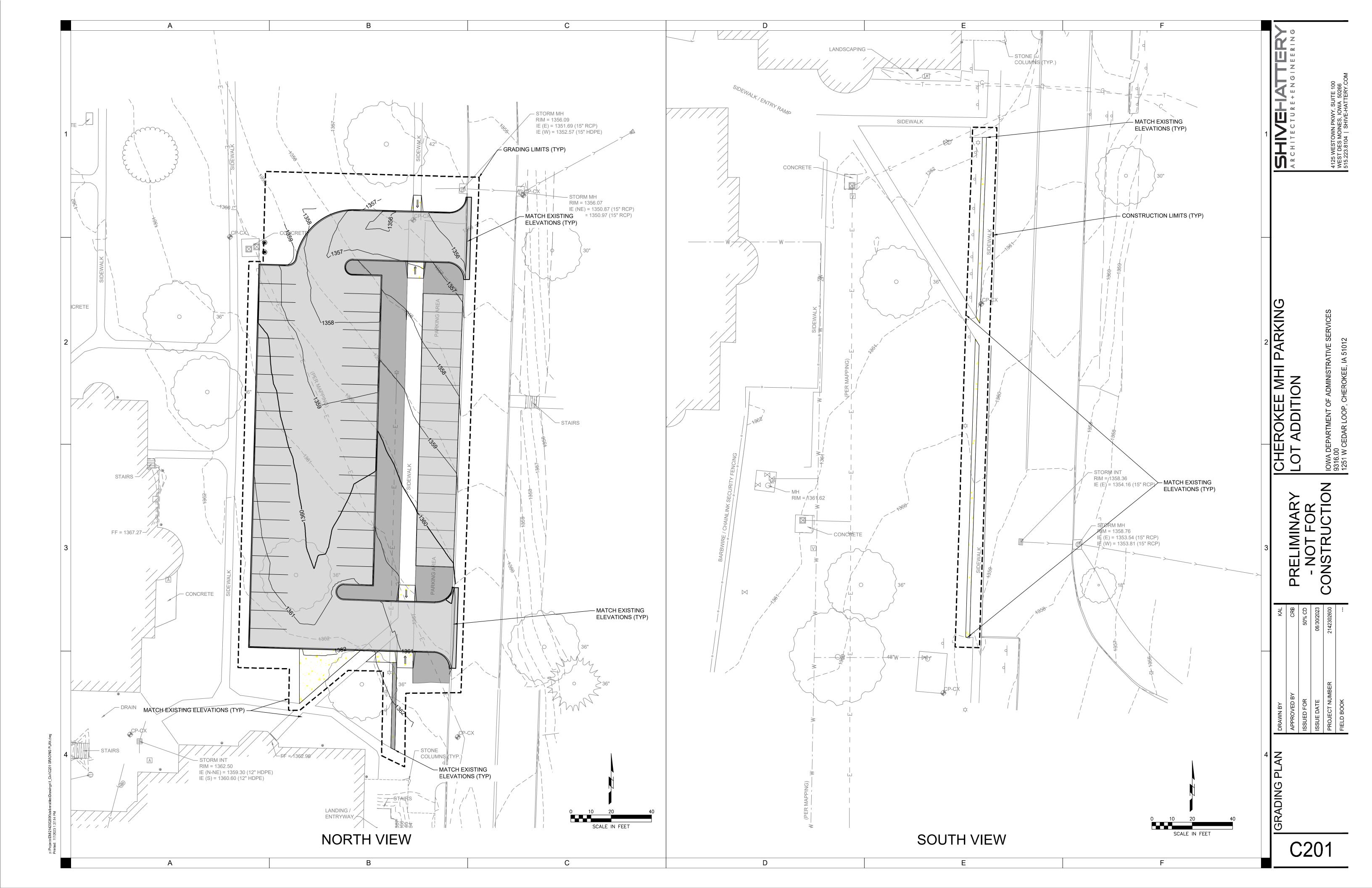
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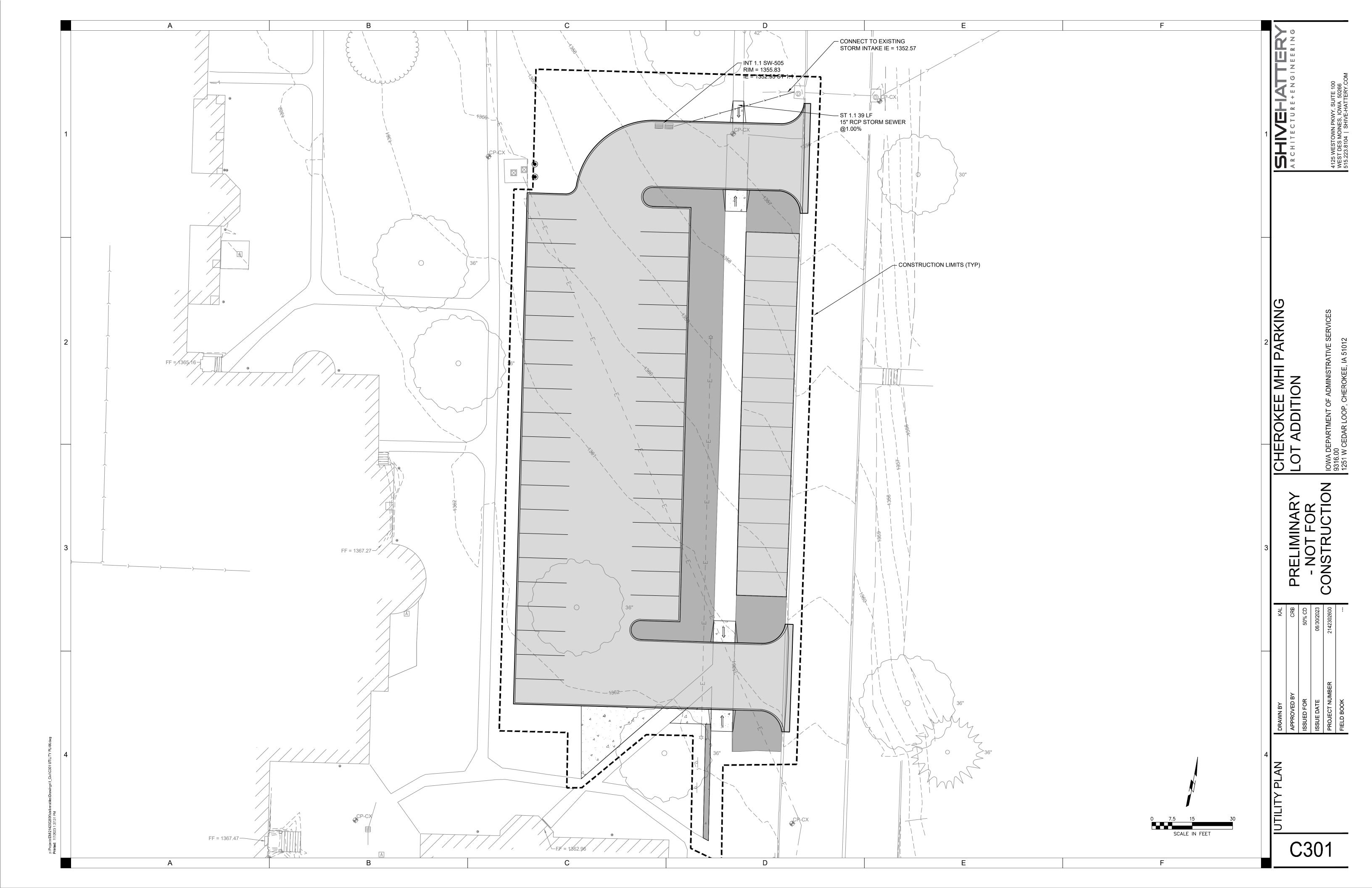


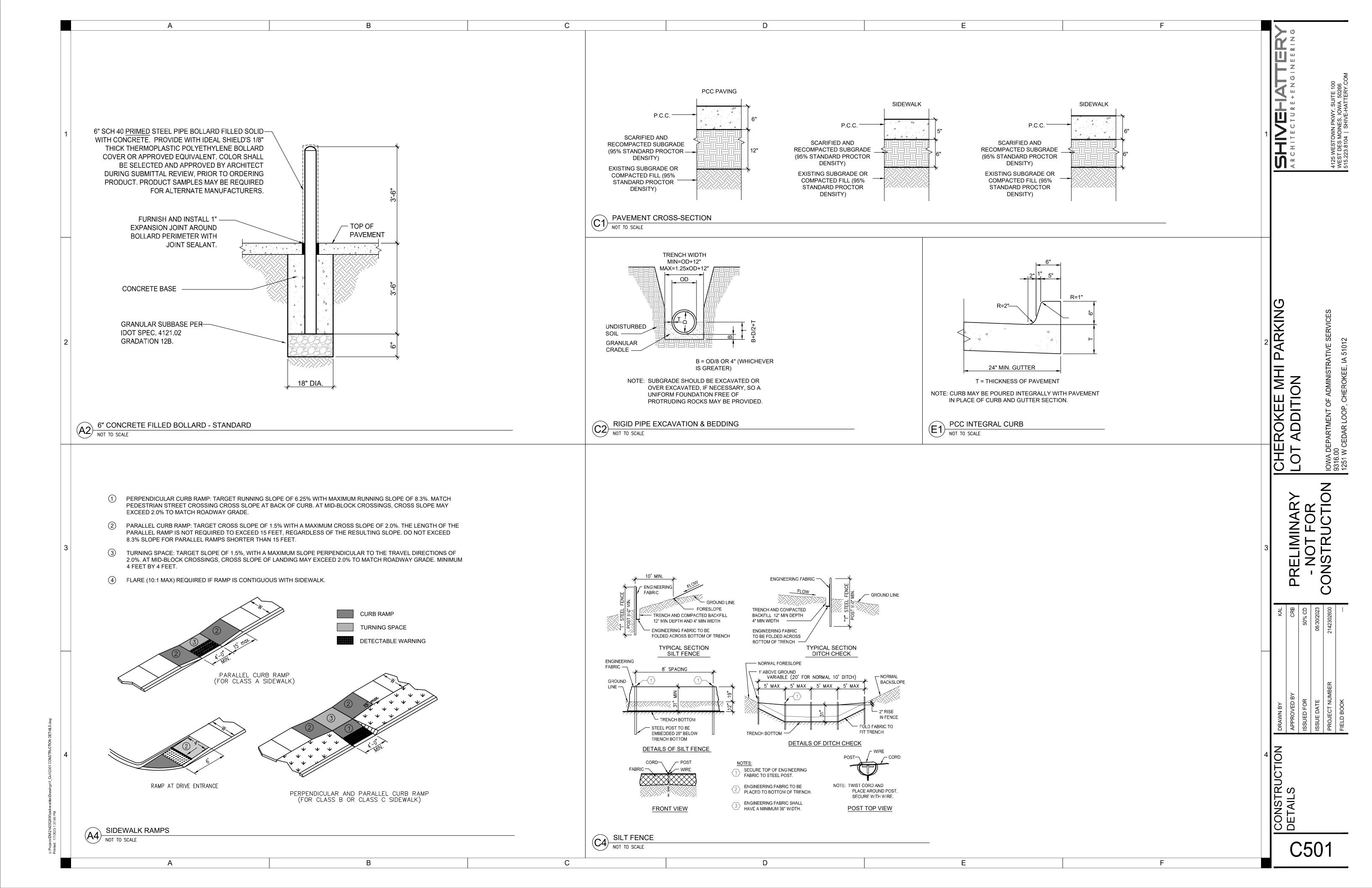


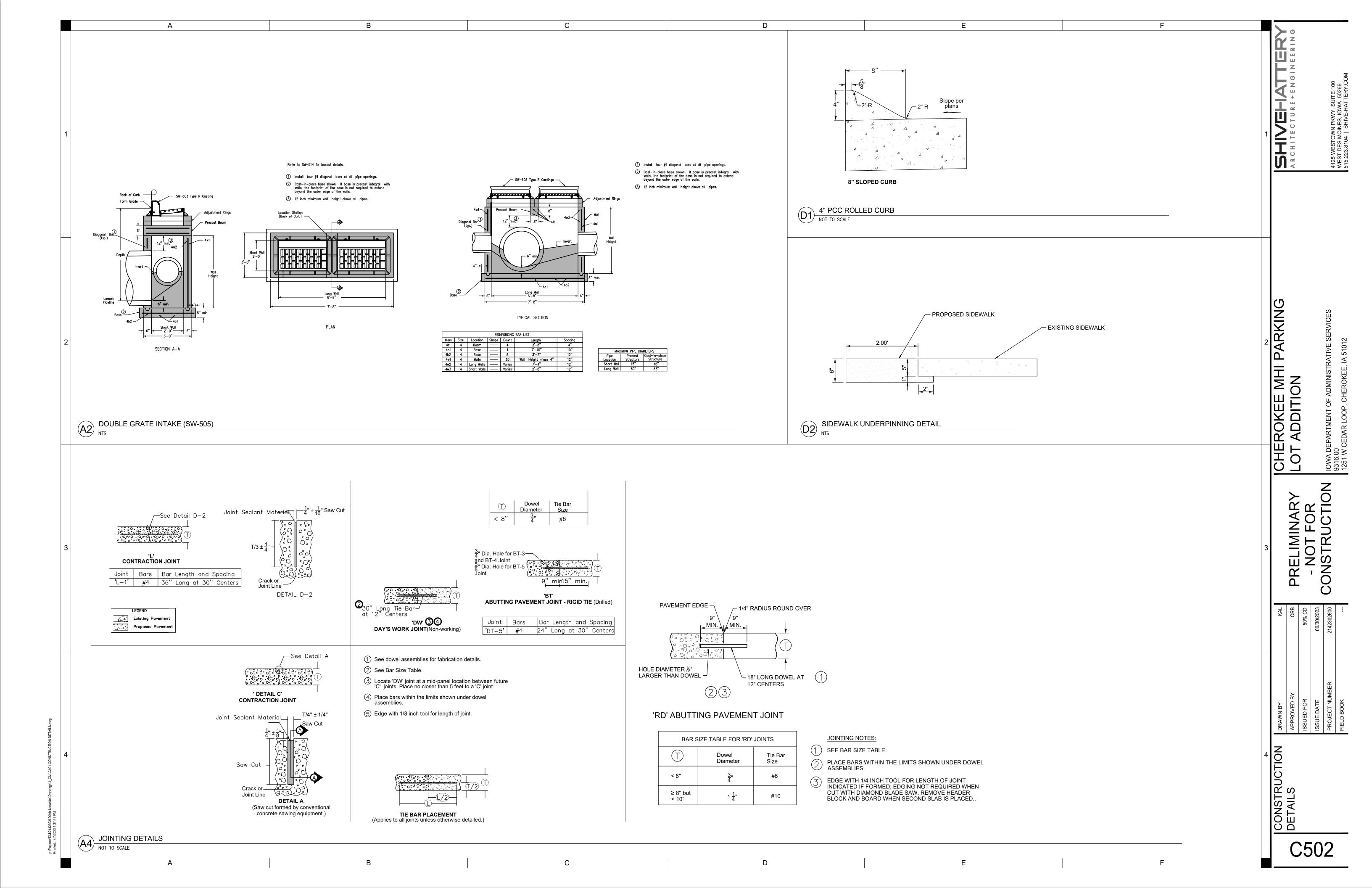


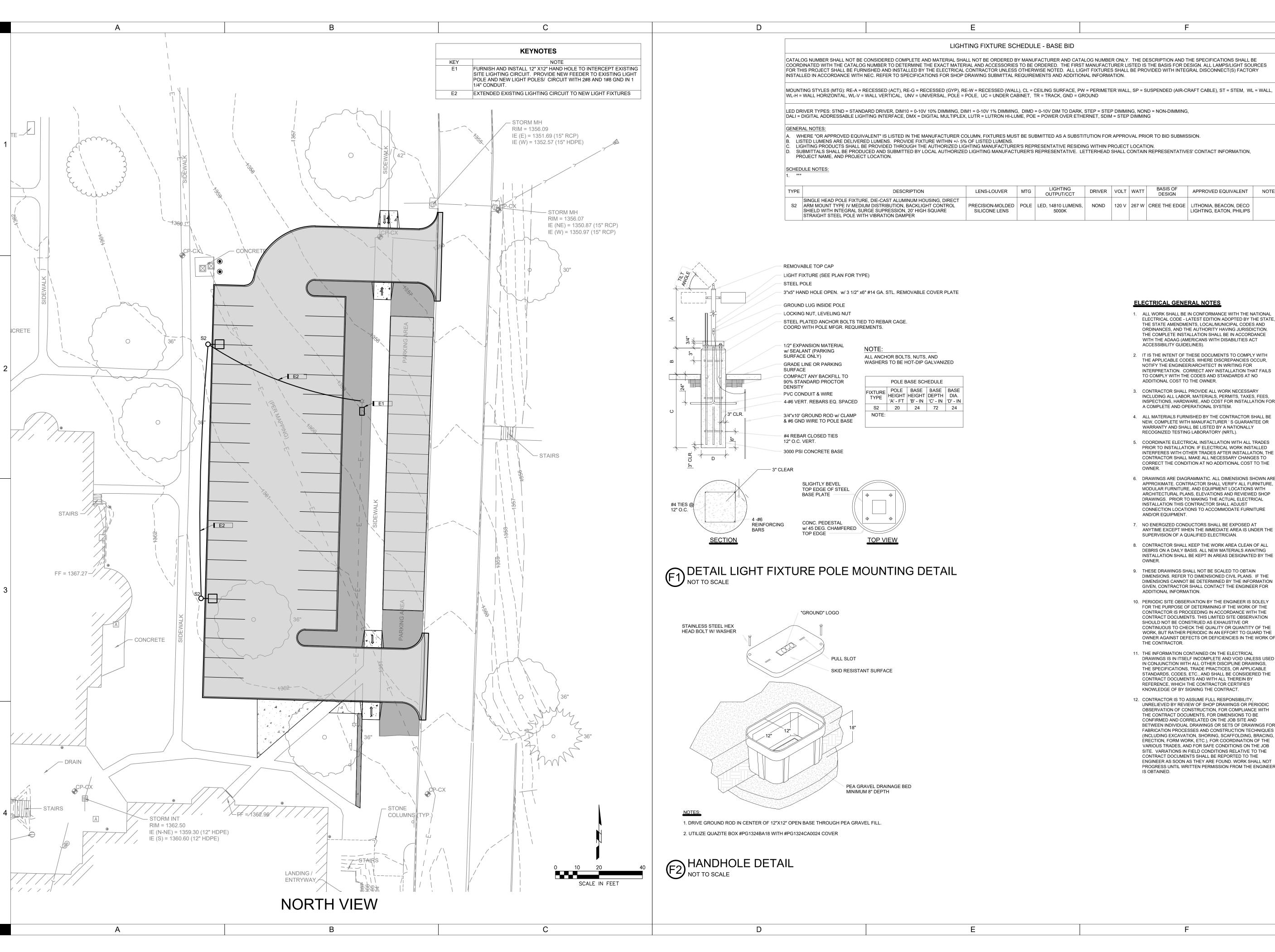












ELECTRICAL GENERAL NOTES

1. 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).

APPROVED EQUIVALENT NOTES

LIGHTING, EATON, PHILIPS

- 2. 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.
- 3. 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.
- 4. 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).
- 5. 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
- 6. DRAWINGS ARE DIAGRAMMATIC. ALL DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION THIS CONTRACTOR SHALL ADJUST CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
- 7. NO ENERGIZED CONDUCTORS SHALL BE EXPOSED AT ANYTIME EXCEPT WHEN THE IMMEDIATE AREA IS UNDER THE SUPERVISION OF A QUALIFIED ELECTRICIAN.
- 8. CONTRACTOR SHALL KEEP THE WORK AREA CLEAN OF ALI DEBRIS ON A DAILY BASIS. ALL NEW MATERIALS AWAITING INSTALLATION SHALL BE KEPT IN AREAS DESIGNATED BY THE OWNER.
- 9. 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.
- 10. 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.
- 11. 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.
- 12. 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.

PRELIMINAR
- NOT FOR