



CITY OF ROCKFORD

WINNEBAGO COUNTY, ILLINOIS

ROCKFORD INGERSOLL

SPORTS COMPLEX

BID PACKAGE NO.1

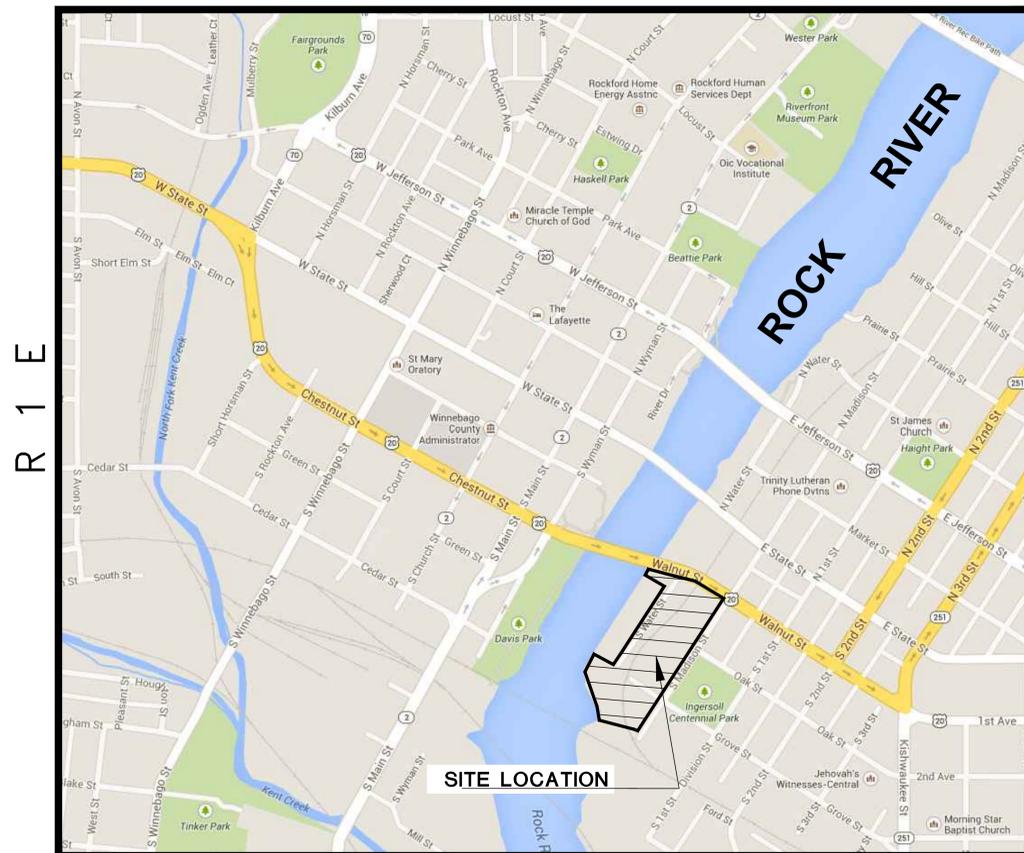


LEGEND

EXISTING	PROPOSED	
		DECIDUOUS TREE
		EVERGREEN TREE
		SHRUB
		TREE STUMP
		SIGN & POST
		MAILBOX
		POWER/UTILITY POLE
		GUY WIRE
		UTILITY PEDESTAL
		TRANSFORMER
		CABLE TELEVISION LINE
		OVERHEAD ELECTRIC LINE
		GAS MAIN
		UNDERGROUND TELEPHONE LINE
		WATER MAIN
		WATER SERVICE W/BUFFALO BOX
		VALVE AND VAULT
		VALVE AND BOX
		FIRE HYDRANT ASSEMBLY
		AIR RELEASE PROTECTION
		WATER MAIN REDUCER
		CONNECT TO EXISTING WATER MAIN
		MANHOLE
		MONITORING WELL
		STORM SEWER
		SANITARY SEWER
		INLET TYPE 700
		INLET SPECIAL
		ROUND INLET
		STREET LIGHT, COBRA STYLE
		LIGHT POLE, BOX-ACORN STYLE
		CONTOUR LINE 1 FOOT INTERVAL
		CONTOUR LINE 5 FOOT INTERVAL
		SPOT ELEVATION
		R.O.W. LINE
		EASEMENT LINE
		BUILDING SETBACK LINE
		CENTER LINE
		SURVEY SECTION LINE
		SURVEY MONUMENT
		MEASURED BEARING OR DISTANCE
		RECORD BEARING OR DISTANCE
		BENCHMARK
		STRUCTURE TO BE ADJUSTED
		STRUCTURE TO BE REMOVED
		SURFACE DRAINAGE DIRECTION ARROW
		REMOVE ITEM

S 0°15'25" W 125.37'
(N 12°34'56" E)
(256.89')

T 44 N



SITE LOCATION MAP (N.T.S.)

UTILITY/AGENCY CONTACTS:

GAS: NICOR CONSTANCE LANE UTILITY CONSULTANT 1844 FERRY ROAD NAPEVILLE, ILLINOIS 60563-9600 (630) 388-3830	TELEPHONE: ATT-ROCKFORD AREA HECTOR GARCIA (HG2929@ATT.COM) ELGIN, ILLINOIS (847) 888-6799 ATT-TRANSMISSION CARL DONAHUE (CD8729@ATT.COM) (847) 420-9115
ELECTRIC: ComEd NORA FERNANDEZ 123 ENERGY AVENUE ROCKFORD, ILLINOIS 61109 Off: (815) 490-2335 Cell: (815) 391-3238	CABLE TELEVISION: COMCAST TOM YUCCAS 4450 KISHWAUKEE STREET ROCKFORD, ILLINOIS 61109 (888) 736-6609
WATER: CITY OF ROCKFORD - ENGINEERING JAMIE ROTT 425 EAST STATE STREET ROCKFORD, ILLINOIS 61104 (815) 967-6740	COMMUNICATIONS: FDS METROCOM (262) 754-3052
SANITARY SEWER: ROCK RIVER WATER RECLAMATION DISTRICT DANA CARROLL - ENG. MANAGER 3333 KISHWAUKEE STREET ROCKFORD, ILLINOIS 61109 (815) 987-7678	RAILROAD: UNION PACIFIC RAILROAD JOHN VENICE - MANAGER SPECIAL PROJECTS J.VENICE@UP.COM 101 N. WACKER SUITE 1920 CHICAGO, ILLINOIS 60606 (312) 777-2043 RICHARD ELLISON - ENG. PROJECT COOR. RICHARDELLISON@UP.COM 101 N. WACKER SUITE 1920 CHICAGO, ILLINOIS 60606 (312) 777-2048
ROADWAY: CITY OF ROCKFORD - PUBLIC WORKS MATT VITNER - CITY ENGINEER 425 EAST STATE STREET ROCKFORD, ILLINOIS 61104 (815) 987-5570 ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 2/DISTRICT 2 819 DEPOT AVENUE DIXON, ILLINOIS 61021 TRAFFIC OPERATIONS SECTION FAX: (815) 284-5489 PROJECT IMPLEMENTATION OPERATIONS FAX: (815) 284-5348 PERMITS COORDINATOR-BRENT HASENAUER PH: (815) 284-5413	

CITY OF ROCKFORD	
APPROVED _____	
Matthew Vitner, PE, City Engineer	

**FINAL-TOTAL PROJECT
ISSUED FOR PERMITS**

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE
1	ADDENDUM #1	5/1/15

PLOT SCALE:	1:1
PLOT DATE:	5/1/2015
DRAWN BY:	BCS
CHECKED BY:	JMH
SUBMITTAL DATE:	03/31/15

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COVER	
BID PACKAGE #1, 100% CD	ROCKFORD, IL
325 S. MADISON ST.	
FILE: I:\13-005 RECLAIMING FIRST-INGERSOLL BUILDING SITE\DESIGN\DRAWINGS\UPPER SITE\105 005 00 COVER.DWG	
JOB: 04-15-14-055	

SHEET NO.	90.0
OF	94

GENERAL NOTES

GENERAL

- THE CONTRACTOR IS ADVISED THAT SEVERAL RELATED BID PACKAGES MAY BE UNDER CONSTRUCTION CONCURRENTLY. SPECIFICALLY, ROCK RIVER WATER RECLAMATION DISTRICT WILL BE MAKING REPAIRS, REPLACING MANHOLES, AND LAYING NEW MAIN AND SERVICES. BUILDING DEMOLITION OF THE BOARD OF EDUCATION AND WATCH FACTORY BUILDINGS ARE UNDER CONTRACT BUT MAY NOT BE COMPLETED AT THE TIME OF LETTING OF THIS CONTRACT. ALSO, THE INGERSOLL SPORTS COMPLEX IS UNDER CONSTRUCTION AND WILL NOT BE COMPLETED UNTIL APRIL 2016. UTILITY WORK WILL BE ONGOING THROUGHOUT THE 2015 CALENDAR YEAR. THE CONTRACTOR MUST COORDINATE WITH THE VARIOUS OTHER PARTIES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- IN THE FOLLOWING, THE ILLINOIS DEPARTMENT OF TRANSPORTATION WILL BE REFERRED TO AS IDOT, THE "OWNER" SHALL REFER TO THE CITY OF ROCKFORD OR DULY APPROVED AGENT. THE "ENGINEER" SHALL REFER TO THE CITY OF ROCKFORD OR DULY AUTHORIZED AGENT.
- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE JANUARY 1, 2012 "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" PREPARED BY IDOT AND, JANUARY 1, 2015 "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" PREPARED BY IDOT, AND THE STANDARDS OF THE CITY OF ROCKFORD, WHERE APPLICABLE. ALL SEWER AND WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 7TH EDITION 2014 "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", AND THE AUGUST 25, 2014 STANDARDS OF THE CITY OF ROCKFORD WATER DEPARTMENT AND THE OCTOBER 24, 1983 GENERAL PROVISIONS AND TECHNICAL SPECIFICATIONS FOR SANITARY SEWER CONSTRUCTION - ROCK RIVER WATER RECLAMATION DISTRICT. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
- THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE OR REJECT THE WORKMANSHIP AND/OR MATERIALS USED IN THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO PERFORMING ANY OF THE REQUIRED TESTS OR MATERIAL PLACEMENT SO THAT A REPRESENTATIVE MAY BE PRESENT TO WITNESS THE TESTS OR MATERIAL PLACEMENT.
- AS PART OF THE BIDDING PROCEDURE, THE CONTRACTOR BY SUBMITTING HIS BID SHALL AGREE TO INSTALL THE ITEMS DESCRIBED IN THE CONTRACT DOCUMENTS IN THE LOCATIONS SHOWN ON THE PLANS WITH ALL ITEMS NECESSARY FOR THE INTENDED USES INCLUDING: FITTINGS, BLOCKING, BACKFILLING, TRANSPORTING, CONNECTING, CORING, ADJUSTING, SEALING, AND TESTING. ALL ITEMS ARE COMPLETE IN PLACE. MATERIALS AND LABOR NOT SPECIFICALLY IDENTIFIED SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- GENERAL SAFETY PROVISION: TO PROVIDE THE PUBLIC WITH SAFE TRAVEL CONDITIONS AND TO PROVIDE FOR SAFE WORKING CONDITIONS FOR ALL EMPLOYEES, THE RULES, REGULATIONS, AND CONDITIONS STATED BELOW WILL PREVAIL FOR THE DURATION OF THIS CONTRACT. ANY EMPLOYEE OF THE CONTRACTOR OR HIS SUBCONTRACTORS WHO REFUSES TO COMPLY WITH THESE GENERAL SAFETY PROVISIONS SHALL BE REMOVED FROM THE JOB SITE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS. THE CONTRACTOR AND ANY SUBCONTRACTORS RETAINED BY HIM SHALL COMPLY WITH THE STATE AND FEDERAL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA) REVISED JULY 1, 1987, AS IT RELATES TO HIS OPERATIONS.
- CURBS, RAMPS AND WALKWAYS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT OF 2010 UNLESS THE ROUTE IS CLEARLY MARKED NON-ACCESSIBLE.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. HE WILL NOT BE ALLOWED TO BULD FIRES ON THE SITE.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENTS, UNLESS OTHERWISE INDICATED.
- THE IDOT STANDARD DRAWINGS INCLUDED IN THE PLAN SET ARE INTENDED TO BE THE LATEST REVISIONS AND SHALL TAKE PRECEDENCE OVER EARLIER DRAWINGS THAT MAY BE REFERRED TO ELSEWHERE IN THE PLANS OR SPECIAL PROVISIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED CONTRACT; NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ANY FRAMES AND GRATES, SIGNS, FENCES, AND RETAINING WALLS DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION, WHICH ARE NOT DESIGNATED TO BE REMOVED OR REPLACED, WILL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS CONSTRUCTION OPERATIONS WITH OTHER CONSTRUCTION AND/OR MAINTENANCE OPERATIONS, INCLUDING UTILITY RELOCATIONS AND ADJUSTMENTS OF OTHER CONTRACTORS WORKING WITHIN THE LIMITS OF THE PROJECT AND ADJACENT TO THE PROJECT.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN PROFESSIONAL LAND SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DISTURBED OR DESTROYED BY HIS OPERATIONS. REPLACEMENT OF MONUMENTS WILL BE DETERMINED BY THE ENGINEER. PROPERTY MARKERS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING KNOWN PROPERTY LINES, OR SURVEY MARKERS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL REMOVE, STORE, AND RELOCATE TO THE SATISFACTION OF THE ENGINEER ALL EXISTING STREET SIGNS WHICH ARE TO BE RELOCATED IN ACCORDANCE WITH ARTICLE 107.25 OF THE IDOT STANDARD SPECIFICATIONS. THE PLACEMENT OF ADDITIONAL SIGNING SHALL BE THE RESPONSIBILITY OF THE CITY OF ROCKFORD, OR THEIR APPROVED REPRESENTATIVES.
- ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE.
- THE CITY OF ROCKFORD SHALL BE NOTIFIED 48 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CITY OF ROCKFORD WATER DEPARTMENT AND THE ROCK RIVER WATER RECLAMATION DISTRICT SHALL BE NOTIFIED 5 DAYS PRIOR TO PERFORMING WORK ON THE WATER AND/OR SANITARY SEWER SYSTEMS.
- CAD DATA WILL BE MADE AVAILABLE TO CONTRACTORS AND CONSULTANTS WORKING ON THIS PROJECT. THIS INFORMATION WILL BE PROVIDED UPON REQUEST IN AUTOCAD CIVIL 3-D FORMAT ONLY. IF DATA IS REQUIRED IN OTHER FORMATS IT WILL BE THE CONTRACTORS RESPONSIBILITY TO MAKE THE CONVERSIONS. IT IS ANTICIPATED THAT NO UPDATES WILL BE MADE TO THE CAD FILES DURING CONSTRUCTION. CAD FILES ARE PROVIDED TO THE CONTRACTOR AS A CONVENIENCE AND ANY DISCREPANCIES OR

INCONSISTENCY ARISING BETWEEN THE ELECTRONIC COPY AND THE HARD COPY ISSUED FOR CONSTRUCTION THE HARD COPY SHALL BE USED.

- EXCESS EXCAVATION THAT WOULD ALTER THE PROPOSED SITE GRADES MAY NOT BE DISPOSED OF ON SITE. ALL EXCESS EXCAVATION SHALL BE HAULED OFF SITE AT NO ADDITIONAL COST TO THE CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACCEPTABILITY OF EXCESS SITE MATERIAL AT A CCDD RECEIVING SITE.

UTILITIES

GENERAL

- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION OR HAVE THE POTENTIAL FOR CREATING FUTURE PROBLEMS SHALL BE REMOVED AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT AN APPROVED LOCATION OBTAINED BY THE CONTRACTOR, ACCORDING TO ARTICLE 202.03 OF THE IDOT STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT BID PRICE FOR ROADWAY EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- UTILITIES SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND NO GUARANTEE OF THEIR ACCURACY IS MADE OR INFERRED. THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL-INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, DEPTH, NUMBER AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THIS WORK SHALL BE AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 811 OR 1-800-892-0123 48 HOURS PRIOR TO CONSTRUCTION FOR CONFIRMATION OF CURRENT UTILITY LOCATIONS AND FOR ALL NON-EMERGENCY WORK. THESE ARE THE KNOWN UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS. UTILITIES WHICH ARE NOT MEMBERS OF J.U.L.I.E. SHOULD BE NOTIFIED INDIVIDUALLY BY THE CONTRACTOR.
- ALL TESTING, FITTINGS, BEDDING, AND GRANULAR CRADLE WHERE NECESSARY, SHALL BE INCLUDED IN THE INSTALLATION OF UNDERGROUND FACILITIES. TRENCH BACKFILL IS REQUIRED WHEREVER UNDERGROUND PIPING AND UTILITIES PASS BENEATH OR WITHIN 2 FEET OF THE PAVEMENT, SIDEWALK, OR CURB.
- ALL EXISTING CONDUITS WHICH WILL BE ABANDONED AND LEFT IN PLACE SHALL BE PLUGGED AT ALL OPEN ENDS WITH CONCRETE OR OTHER APPROVED MEANS. THE COST WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICE FOR THE ITEM BEING REMOVED OR ABANDONED.
- ALL TRENCHING SHALL BE IN ACCORDANCE WITH OSHA STANDARDS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO EXCAVATE FAR ENOUGH IN ADVANCE OF THE PIPE LAYING OPERATION TO AVOID ANY UNNECESSARY DEFLECTION. IF THE CONTRACTOR HAS TO RELAY ANY PIPE BECAUSE HE LAID TOO CLOSE TO AN OBSTRUCTION, IT WILL BE AT HIS OWN EXPENSE.
- IF DURING MANHOLE ADJUSTMENTS, THE CONTRACTOR DAMAGES EITHER THE FRAME OR LID, HE SHALL FURNISH A NEW FRAME AND LID, SAME OR EQUAL, AT NO ADDITIONAL COST. ALL NEW MANHOLES AND INLETS AND THOSE TO BE RECONSTRUCTED SHALL BE CONSTRUCTED WITH NEW FRAMES AND GRATES.
- ALL UTILITY ADJUSTMENTS, EXCEPT WATER AND SEWER, SHALL BE MADE BY THEIR RESPECTIVE OWNERS. PER SB 699 (90 DAY UTILITY RELOCATION LAW), ONCE RIGHT-OF-WAY IS CLEAR TO AWARD THE PROJECT, A NOTICE WILL BE SENT TO THE UTILITY COMPANIES INSTRUCTING THEM TO HAVE THEIR FACILITIES RELOCATED WITHIN 90 DAYS. ESTIMATED DATE RELOCATION COMPLETE = LETTING DATE + 135 DAYS. TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.
- RIM AND FLOW LINE ELEVATIONS ON DRAINAGE STRUCTURES (STORM AND SANITARY) ARE GIVEN ONLY TO ASSIST IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. THE CONTRACTOR SHALL FIELD VERIFY FLOW LINES OF EXISTING SEWER LINES PRIOR TO ORDERING INLETS AND MANHOLES. FRAMES ON ALL STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS A PART OF THE STRUCTURE COST.
- NEW MANHOLE, VALVE VAULT, AND INLET LIDS ON THIS PROJECT SHALL HAVE THE WORDS "STORM", "SANITARY", OR "WATER" ON THE LID. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE APPROPRIATE TYPE OF LID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.
- VALVE BOXES, CURB STOP BOXES, AND GAS VALVE BOXES WITHIN THE RIGHT OF WAY SHALL BE SET TO THE FINISHED GRADE OF THE PAVEMENT OR SIDEWALK PRIOR TO PAVING. THE COST OF THIS ADJUSTMENT SHALL BE INCLUDED IN THE CONTRACT.
- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED STORM SEWERS, DRAINAGE STRUCTURES, AND APPURTENANCES SHALL BE INCLUDED IN THE VARIOUS BID ITEMS INVOLVED.
- MINIMUM HORIZONTAL CLEARANCE OF 10 FEET AND A MINIMUM VERTICAL SEPARATION OF 18 INCHES WITH THE WATER MAIN MUST BE MAINTAINED AT ALL TIMES BETWEEN WATER MAINS AND STORM SEWERS AND SANITARY SEWERS. IF THE MINIMUM HORIZONTAL OR VERTICAL CLEARANCE CANNOT BE PROVIDED, THE SEPARATION REQUIREMENTS SHALL BE MET AS ILLUSTRATED AND SPECIFIED IN THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- ALL REINFORCED CONCRETE PIPE SHALL BE STATE APPROVED IN ACCORDANCE WITH ASTM C 76 CLASS IV (TYPE 1) WITH RUBBER GASKET JOINTS CONFORMING TO ASTM C 433 OR ASTM C 361.
- THE COST OF MAKING PROPOSED CONNECTIONS TO WATER MAINS, SANITARY SEWERS, AND STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE BASE BID OR ALTERNATE FOR THE ITEMS BEING CONSTRUCTED.
- WHENEVER THE CONTRACTOR WORKS NEAR EXISTING UNDERGROUND FACILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE WILL BE REQUIRED TO HAND TRENCH IN ORDER NOT TO DAMAGE THESE FACILITIES. PUSH HOLES AND SEARCH HOLES THAT ARE DUG BY THE CONTRACTOR SHALL BE BACKFILLED BY TAMPING THE EXCAVATED MATERIAL BACK IN PLACE TO KEEP SETTLEMENT TO A MINIMUM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE PRELUDE ANY POSSIBLE ADDED COMPENSATION REQUIRED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT.

- SHEETING AND SHORING, IF REQUIRED TO PROTECT EXISTING FOUNDATIONS OR FACILITIES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. TRENCH BACKFILL IF REQUIRED SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ON SITE MATERIAL MAY BE REUSED FOR BACKFILLING TRENCHES PROVIDED THAT IT MEETS SPECIFICATIONS FOR TRENCH BACKFILL.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE CITY OF ROCKFORD AND ROCK RIVER WATER RECLAMATION DISTRICT TO DETERMINE APPROVED METHODS OF UTILITY STRUCTURE ADJUSTMENT. UTILITY STRUCTURES MAY INCLUDE BUT ARE NOT LIMITED TO MANHOLES, WATER VALVES, HANDHOLES, OR CLEANOUTS. ALL MATERIALS AND AND WORK NECESSARY TO COMPLETE ADJUSTMENTS IS INCLUDED IF NOT OTHERWISE SPECIFIED.

STORM SEWER

- AT ALL LOCATIONS WHERE AN EXISTING INLET IS TO BE REMOVED, THE CONTRACTOR IS REQUIRED TO MAINTAIN STORM WATER FLOW AT ALL TIMES.
- FRAMES AND GRATES OF DRAINAGE STRUCTURES TO BE REMOVED OR FILLED SHALL BE CAREFULLY SALVAGED AND SHALL REMAIN THE PROPERTY OF THE CITY OF ROCKFORD AND SHALL BE DELIVERED TO THE CITY YARD. THE COST FOR THIS SHALL BE INCLUDED IN THE VARIOUS BID ITEMS INVOLVED.
- STORM SEWER INSTALLED WITHIN 10 FEET OF A WATER MAIN AND DESIGNATED WATER MAIN QUALITY (W.M.Q.) SHALL NOT BE GASKETED STORM SEWER PIPE. GASKETED STORM SEWER IS NOT AN ACCEPTABLE WATER MAIN QUALITY STORM SEWER PER CITY OF ROCKFORD SPECIFICATIONS.
- IF THERE ARE ANY UTILITIES THAT ARE NOT MEMBERS OF THE J.U.L.I.E. SYSTEM, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONTACTING THEM AND REQUESTING SAID UTILITIES TO LOCATE THEIR FACILITIES.

SANITARY SEWER

- IF EXISTING SANITARY MANHOLES TO BE ADJUSTED DO NOT HAVE STANDARD NEENAH R-1670 OR E, JORDAN E-1117 CASTINGS, OR IF THE CASTINGS ARE IN POOR CONDITION, THE ROCK RIVER WATER RECLAMATION DISTRICT'S SUPPORTING SERVICES DEPARTMENT SHOULD BE CONTACTED PRIOR TO ADJUSTMENT FOR REPLACEMENT CASTINGS. THE CONTRACTOR IS RESPONSIBLE FOR EXCHANGING THE OLD CASTINGS FOR NEW ONES AT THE DISTRICT, IF REQUIRED. THE DISTRICT WILL FURNISH THE CASTINGS AND LIDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THEM. EXTERNAL MANHOLE "CHIMNEY" SEALS WILL BE REQUIRED - MANHOLE SEAL INSTALLATION WILL BE THE CONTRACTOR'S RESPONSIBILITY.
- SANITARY MANHOLES SHALL BE ADJUSTED PER ROCK RIVER WATER RECLAMATION DISTRICT STANDARDS. THE CONTRACTOR SHALL ALSO NOTIFY THE ROCK RIVER WATER RECLAMATION DISTRICT WHEN ADJUSTING MANHOLES SO THEY MAY WITNESS THEM, AND SHALL FOLLOW DISTRICT SPECIFICATIONS WHICH REQUIRE:
 - A MINIMUM OF 4 INCHES OF ADJUSTMENT RINGS (4" ADJUSTMENT RING NOT REQUIRED IN TURF AREA OR CURB AND GUTTER ROADWAYS)
 - A MAXIMUM OF 12" ADJUSTING RINGS.
 - NO MORE THAN ONE (1) 2" ADJUSTING RING PER MANHOLE.
 - A MAXIMUM OF 30" FROM THE TOP OF CASTING TO THE FIRST STEP.
 - MANHOLE ADJUSTMENT BY GROUTING IS NOT PERMITTED.
 - MANHOLE CASTINGS IN PAVEMENT AREAS SHOULD BE SHIMMED INTO ALIGNMENT WITH THE PAVEMENT SURFACE. FOR PITCHED CASTINGS, A MINIMUM OF THREE SHIMS (PLASTIC OR METAL) EQUALLY SPACED TO PREVENT ROCKING SHALL BE INSTALLED BETWEEN THE CASTING AND THE MASONRY. THE REMAINING SPACE BETWEEN THE CASTING AND MASONRY SHALL BE FILLED WITH HYDRAULIC CEMENT.

TRAFFIC CONTROL

- THE CONTRACTOR SHALL INSTITUTE TRAFFIC CONTROL MEASURES AT ALL TIMES, IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, AND APPROVED TRAFFIC CONTROL STANDARDS WHILE PERFORMING WORK ALONG MADISON ST.
- MADISON ST. SHALL BE OPEN TO LOCAL TRAFFIC AT ALL TIMES.
- THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW, HE WILL BE HELD RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY TRAFFIC CONTROL AND PROTECTION/MAINTENANCE OF TRAFFIC DEVICES REQUIRED FOR HIS OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS.
- THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR THE TRAFFIC AS DIRECTED BY THE ENGINEER. ANY DROP-OFF GREATER THAN 3 INCHES ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH BARRICADES.
- ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.
- TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL SUPPLY THE CITY OF ROCKFORD AND THE ENGINEER WITH A PRIMARY AND ALTERNATE CONTACT PERSON WITH 24-HOUR, 7-DAY ACCESS WHO CAN REMEDY DEFICIENT OR EMERGENCY TRAFFIC CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT THE TRAFFIC CONTROL DEVICES NOT LESS THAN TWICE DAILY TO ENSURE THAT ALL BARRELS, BARRICADES, AND WARNING DEVICES ARE IN THEIR PROPER PLACE AND OPERATIONAL.
- ALL WORK TO PROVIDE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS AND STANDARDS SHALL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION BID ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

REMOVAL

- THE CONTRACTOR WILL PROTECT ALL TREES FROM DAMAGE DUE TO HIS OPERATIONS. ONLY THOSE TREES INDICATED ON THE PLANS OR DESIGNATED BY THE ENGINEER SHALL BE REMOVED.
- ALL ROADWAY REMOVAL ITEMS SHALL CONFORM TO SECTION 440 OF THE IDOT STANDARD SPECIFICATIONS. ALL JOINTS BETWEEN THE PORTION REMOVED AND THAT LEFT IN PLACE SHALL BE SAWCUT TO SUCH A DEPTH THAT A CLEAN, NEAT EDGE WILL RESULT WITH NO SPALLING TO THE REMAINING PORTION. ADDITIONAL SAWCUTTING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.

TOPSOIL / SEEDING

- REFER TO THE LANDSCAPE PLAN FOR TOPSOIL, SEEDING OR SODDING, AND FERTILIZER IN DISTURBED AREAS. UNLESS OTHERWISE SPECIFIED, THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE PLAN DETAILS.
- SEEDING OF DISTURBED AREAS AT LOCATIONS WHERE THE CONTRACTOR'S OPERATIONS HAVE DAMAGED EXISTING GROUND COVER AND/OR TOPSOIL OUTSIDE OF THE LIMITS OF CONSTRUCTION AS SHOWN IN THE PLANS SHALL BE INCLUDED AT NO ADDITIONAL EXPENSE TO OWNER.
- THE FINAL TOP 4 INCHES OF SOIL IN ANY AREA MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.
- THE CONTRACTOR SHALL SEED ALL AREAS INDICATED IN THE PLANS WITHIN THE LIMITS OF CONSTRUCTION WITH "ECO-GRASS" SEED MIX BY PRAIRIE MOON NURSERY OR APPROVED EQUAL, AND PLACED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS OR AS APPROVED BY THE ENGINEER.
- TOPSOIL IS TO BE PLACED AND COMPACTED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

STORMWATER POLLUTION PREVENTION

- A NOTICE OF INTENT (NOI) AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) WILL BE COMPLETED AND SUBMITTED TO THE EPA PRIOR TO CONSTRUCTION. THE SWPPP WILL BE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL MAINTAIN ONE COPY OF THE SWPPP AT THE CONSTRUCTION SITE AT ALL TIMES. THE CONTRACTOR SHALL LEGIBLY MARK ANY CHANGES OR REVISIONS IMPLEMENTED TO THE SWPPP AND AT THE COMPLETION OF CONSTRUCTION SHALL DELIVER THE SWPPP, ALONG WITH ANY REVISIONS, RECORDS, AND INSPECTION REPORTS TO THE OWNER.
- THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED ON THE EROSION CONTROL PLAN AND SWPPP PRIOR TO THE START OF CONSTRUCTION. A COPY OF THE LETTER OF NOTIFICATION OF COVERAGE AND THE GENERAL NPDES PERMIT ILR10 MUST BE POSTED IN A PROMINENT PLACE FOR PUBLIC VIEWING AT THE CONSTRUCTION SITE BY THE GENERAL CONTRACTOR.
- EXCEPT AS PROVIDED IN THE SWPPP, DISTURBED PORTIONS OF THE SITE SHALL BE STABILIZED (TEMPORARILY OR PERMANENTLY SEEDED, MULCHED, SODDED, OR PAVED) AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
- UNTIL SUCH TIME AS THE PROJECT REACHES FINAL STABILIZATION AND A NOTICE OF TERMINATION IS FILED BY THE OWNER, THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST, REPAIR, OR REPLACE ALL VEGETATION, EROSION CONTROLS, SEDIMENT CONTROLS, AND ANY OTHER PROTECTIVE MEASURES AS REQUIRED IN ORDER TO MAINTAIN THEIR INTENDED FUNCTION IN A GOOD AND EFFECTIVE OPERATING CONDITION.
- REGULAR INSPECTIONS WILL BE MADE AS REQUIRED UNDER THE GENERAL NPDES PERMIT NO. ILR10 AND SPECIFIED IN THE SWPPP. A QUALIFIED INSPECTOR WILL BE PROVIDED BY THE OWNER. BASED ON THE RESULTS OF THE INSPECTION, POLLUTION PREVENTION MEASURES WILL BE REPAIRED, MODIFIED, OR IMPLEMENTED AS SOON AS PRACTICAL AFTER EACH INSPECTION. SUCH REVISIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING EACH INSPECTION. THE INSPECTOR SHALL HAVE THE AUTHORITY TO DETERMINE THE ADEQUACY OF THE CONTRACTOR'S EROSION CONTROL EFFORTS. THE OWNER OR THE INSPECTOR SHALL HAVE FULL AUTHORITY OVER THE GENERAL CONTRACTOR AND ANY SUBCONTRACTOR TO CAUSE POLLUTION CONTROL MEASURES TO BE REPAIRED, MODIFIED, MAINTAINED, OR SUPPLEMENTED AS NECESSARY IN ORDER TO ACHIEVE EFFECTIVE POLLUTANT CONTROL OR TO LIMIT THE CONTRACTOR'S OPERATIONS PENDING ADEQUATE PERFORMANCE.
- IN THE EVENT OF A PROJECT SHUT DOWN, THE CONTRACTOR SHALL ENSURE THAT TEMPORARY SEEDING AND MULCH IS INSTALLED ON ALL DISTURBED AREAS WITH EXPOSED SOIL. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- CONTRACTOR MUST NOTIFY CITY OF ROCKFORD STORMWATER C:(779) 348-7175 FOR PRE-INSPECTION OF STORMWATER BMP'S PRIOR TO BEGINNING GROUND DISTURBING ACTIVITIES OTHER THAN NEEDED FOR BMP INSTALLATION.

LIST OF STATE HIGHWAY STANDARDS

424001	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021	DEPRESSED CORNER FOR SIDEWALKS
424026	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031	MEDIAN PEDESTRIAN CROSSINGS
602301	INLET TYPE A
602401	MANHOLE TYPE A
602406	MANHOLE TYPE A, 6' DIAMETER
602601	PRECAST REINFORCED CONCRETE FLAT SLAP TOP
604001	FRAME AND LIDS TYPE 1
604036	GRATE TYPE 8
606001	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701301	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501	URBAN LANE CLOSURE 2L,2W, UNDIVIDED
701801	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001	TELESCOPING STEEL SIGN SUPPORT
729001	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

SHEET REVIEW	
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1	ADDENDUM #1	5/1/15

PLOT SCALE:	1:1
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SUBMITTAL DATE:	03/31/15

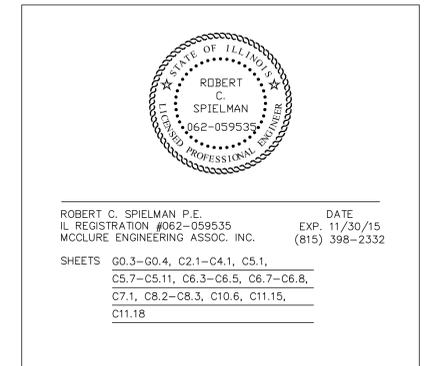
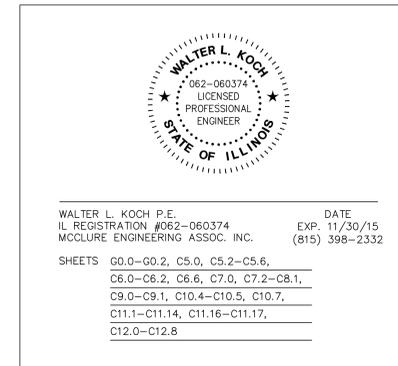
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GENERAL NOTES	
BID PACKAGE #1, 100% CD	
325 S. MADISON ST.	ROCKFORD, IL
FILE: I-115-05 RECLAIMING FIRST-INGERSOLL BUILDING SITE/DESIGN/DRAWINGS/SUPPER STEPS/05 05 0 COVER DWG	JOB: 04-15-16-055

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GO.1
OF
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G0.0	COVER
G0.1	GENERAL NOTES
G0.2	INDEX OF DRAWINGS & SIGNATURE PAGE
G0.3	SUMMARY OF QUANTITIES 1
G0.4	SUMMARY OF QUANTITIES 2
C2.0	TOPOGRAPHIC SURVEY
C2.1	LAND PARCEL EXHIBIT
C3.0	SWPPP MAP PHASE 1
C3.1	SWPPP MAP PHASE 2
C3.2	SWPPP DETAILS
C4.0	DEMOLITION PLAN
C4.1	EXISTING RETAINING WALL REMOVAL
C5.0	SITE - Lower Overall
C5.1	SITE - Upper Overall
C5.2	SITE - Lower Detail 1
C5.3	SITE - Lower Detail 2
C5.4	SITE - Lower Detail 3
C5.5	SITE - Lower Detail 4
C5.6	SITE - Lower Detail 5
C5.7	SITE - Upper Detail 1
C5.8	SITE - Upper Detail 2
C5.9	SITE - Upper Detail 3
C5.10	SITE - Upper Detail 4
C5.11	SITE - Upper Point Table
C6.0	GRADING AND DRAINAGE - Overall
C6.1	GRADING - Lower Detail 1
C6.2	GRADING - Lower Detail 2
C6.3	GRADING AND DRAINAGE - Upper Detail 1
C6.4	GRADING AND DRAINAGE - Upper Detail 2
C6.5	ADA RAMPS - WALNUT ST. & WATER ST.
C6.6	STORM SEWER PLAN - Lower
C6.7	STORM SEWER PLAN - Upper
C6.8	JUNCTION DROP BOX 7-3.1 DETAILS
C7.0	UTILITY PLAN - Lower
C7.1	UTILITY PLAN - Upper
C7.2	UTILITY PLAN AND PROFILE - Lower 1
C7.3	UTILITY PLAN AND PROFILE - Lower 2
C8.0	TYPICAL SECTIONS - Lower
C8.1	TYPICAL SECTIONS - Lower
C8.2	TYPICAL SECTIONS - Upper
C8.3	TYPICAL SECTIONS - Upper
C9.0	PLANTER BOX
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C10.0	UPPER PARKING ADA FLOOR PLAN
C10.1	UPPER PARKING ADA FOUND. PLAN
C10.2	UPPER PARKING ADA FOUND. DETAILS
C10.3	UPPER PARKING ADA FOUND. DETAILS 2
C10.4	UPPER PARKING ADA DEMO
C10.5	SEGMENTAL BLOCK RETAINING WALL
C10.6	RAILROAD CROSSING DETAIL
C10.7	PATIO DETAILS

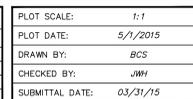
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C11.2	SITE DETAILS - Site 1
C11.3	SITE DETAILS - Site 2
C11.4	SITE DETAILS - Concrete 1
C11.5	SITE DETAILS - Concrete 2
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C11.8	SITE DETAILS - Sewer 1
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C11.12	SITE DETAILS - RRWRD
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C11.17	SITE DETAILS - River
C11.18	SITE DETAILS - STORM SEWER TUNNEL PROFILE
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E1.1	SITE PLAN LIGHT LEVELS
E1.2	SITE PLAN DETAILS
E2.0	SITE ELECTRICAL AND LIGHTING PLAN
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E2.2	SITE ELECTRICAL AND LIGHTING DETAILS
	LOWER SITE
L1.01	OVERALL LANDSCAPE PLAN
L1.02	LANDSCAPE PLAN ENLARGEMENTS
L2.01	LANDSCAPE DETAILS
L2.02	(Intentionally Removed) 
L3.01	IRRIGATION PLAN
L3.02	IRRIGATION PLAN ENLARGEMENTS
	UPPER SITE
L1.0	LANDSCAPE PLAN - SOUTH
L1.1	LANDSCAPE PLAN - NORTH
L1.2	LANDSCAPE PLAN - WATCH FACTORY
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L2.0	IRRIGATION PLAN - SOUTH
L2.1	IRRIGATION PLAN - NORTH



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SUBMITTAL DATE:	03/31/15



SHEET NO.	G0.2
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No.	ITEM	UNIT	QUANTITY
1	TREE REMOVAL 6-15 UNITS DIA.	UNIT	974
2	TREE REMOVAL OVER 15 UNITS DIA.	UNIT	666
3	TEMPORARY FENCE	FOOT	1490
4	EARTH EXCAVATION	CU YD	10300
5	FURNISHED EXCAVATION	CU YD	4000
6	POROUS GRANULAR EMBANKMENT	CU YD	1175
7	TOPSOIL FURNISH AND PLACE 6"	SQ YD	12782
8	TOPSOIL FURNISH AND PLACE 24"	SQ YD	3133
9	SEEDING "ECO-GRASS"	ACRE	0.14
10	SODDING	SY	6453
11	MOWING	ACRE	2.65
12	EROSION CONTROL BLANKET	SQ YD	6453
13	TEMPORARY EROSION CONTROL SEEDING	SY	6453
14	PERIMETER EROSION CONTROL BARRIER	FOOT	1800
15	INLET AND PIPE PROTECTION	EACH	51
16	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	500
17	AGGREGATE BASE COURSE TYPE B 4" CA-6	SQ YD	4292
18	AGGREGATE BASE COURSE TYPE B 6" CA-6	SQ YD	12846
19	AGGREGATE BASE COURSE TYPE B 8" CA-6	SQ YD	7980
20	SUB-BASE GRANULAR MAT'L. TYPE B 6" CA-2	SQ YD	18384
21	HMA PRIME COAT	POUND	46858
22	HMA BINDER COURSE, IL-19.0, N50 2.5"	TON	2199
23	HMA BINDER COURSE, IL-19.0, N50 3.5"	TON	1115
24	HMA SURFACE COURSE MIX "C" N50 1.5"	TON	1797
25	PCC PAVEMENT 10"	SQ YD	177
26	PCC DRIVEWAY PAVEMENT 8"	SQ YD	34
27	PCC SIDEWALK 5"	SQ FT	24826
28	PCC SIDEWALK 6"	SQ FT	13945
29	DETECTABLE WARNINGS	SQ FT	243
30	PAVEMENT REMOVAL	SQ YD	11474
31	PAVEMENT PATCHING	SQ YD	173
32	DRIVEWAY PAVEMENT REMOVAL	SQ YD	68
33	COMBINATION CURB & GUTTER REMOVAL	FOOT	1513
34	SIDEWALK REMOVAL	SQ FT	7105
35	TIE BARS 3/4" (24")	EACH	100
36	ELECTRIC VAULT TO BE ADJUSTED	EACH	1
37	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	800
38	CONCRETE STRUCTURES	CU YD	715.3
39	PROTECTIVE COAT	SQ YD	413
40	REINFORCEMENT BARS	POUND	98802
41	EXPANSION ANCHORS 3/4" X 15"	EACH	40
42	STORM SEWER CLASS A, TYPE 1, 12"	FOOT	1102
43	INTENTIONALLY LEFT BLANK		
44	STORM SEWER CLASS A, TYPE 1, 15"	FOOT	379
45	STORM SEWER CLASS A, TYPE 1, 18"	FOOT	185
46	STORM SEWER CLASS A, TYPE 1, 24"	FOOT	6
47	STORM SEWER CLASS A, TYPE 1, 36"	FOOT	255
48	STORM SEWER CLASS B SCHEDULE 40 PVC 6"	FOOT	598
49	STORM SEWER CLASS B SCHEDULE 40 PVC 4"	FOOT	32
50	STORM SEWER, CLASS B DIRECTIONAL BORE, 8"	FOOT	84
51	PIPE UNDERDRAIN 4"	FOOT	2447
52	RECONSTRUCT EXISTING JUNCTION CHAMBER	EACH	1
53	JUNCTION BOX	EACH	1
54	INLET TYPE A WITH TYPE 8 GRATE	EACH	2
55	INLET TYPE A WITH TYPE 1 FRAME AND OPEN LID	EACH	3
56	INLET TYPE A WITH TYPE 1 FRAME AND CLOSED LID	EACH	2
57	MANHOLE TYPE A 4' DIA. WITH TYPE 1 FRAME AND OPEN LID	EACH	3
58	MANHOLE TYPE A 4' DIA. WITH FLAT SLAB TOP AND TY 1 FR & O. L.	EACH	1
59	MANHOLE TYPE A 4' DIA. WITH TYPE 1 FRAME & CLOSED LID	EACH	4

No.	ITEM	UNIT	QUANTITY
60	MANHOLE TYPE A 5' DIA. WITH TYPE 1 FRAME & OPEN LID	EACH	1
61	MANHOLE TYPE A 6' DIA. WITH FLAT SLAB TOP AND TY 1 FR. & O.L.	EACH	2
62	INLET TYPE 700	EACH	21
63	INLET TO BE ADJUSTED	EACH	1
64	TRENCH DRAIN	FOOT	81.5
65	PVC CLEANOUT	EACH	7
66	TRENCH BACKFILL	CU YD	1428
67	DUCTILE IRON WATER MAIN, CLASS 52 (POLY. WRAPPED) 8"	FOOT	1065
68	GATE VALVE WITH VALVE BOX, 4"	EACH	1
69	GATE VALVE WITH VALVE BOX, 6"	EACH	1
70	GATE VALVE WITH VALVE BOX, 8"	EACH	3
71	FIRE HYDRANT, COMPLETE WITH AUX. VALVE & VALVE BOX	EACH	4
72	DUCTILE IRON WATER SERVICE 4"	FOOT	8
73	DUCTILE IRON WATER SERVICE 6"	FOOT	95
74	2" COPPER WATER SERVICE COMPLETE	EACH	2
75	TAPPING VALVE WITH TAPPING SLEEVE & VALVE & BOX, 6"	EACH	1
76	CONNECT TO EXISTING WATER MAIN 8"	EACH	1
77	REMOVE FIRE HYDRANT ASSEMBLY AND LEAD	EACH	5
78	REMOVE EXISTING POST INDICATOR VALVE	EACH	5
79	REMOVE EXISTING VALVE AND VAULT	EACH	6
80	POST INDICATOR VALVE ASSEMBLY, 8" (GROUND MOUNTED)	EACH	1
81	REMOVE MANHOLE	EACH	15
82	CUT AND PLUG EXISTING WATER MAIN	EACH	9
83	COMB. CONC. CURB & GUTTER TYPE B-6.12	FOOT	9415
84	COMB. CONC. CURB & GUTTER TYPE B-6.18 MODIFIED	FOOT	563
85	COMB. CONC. CURB & GUTTER TYPE B-6.24	FOOT	18
86	NON-HAZARDOUS SPECIAL WASTE DISPOSAL	TONS	78
87	SIGN PANEL TYPE 1	SQ FT	146
88	TELESCOPING METAL SIGN SUPPORT	FOOT	300
89	THERMOPLASTIC PAVEMENT MARKING LINE 4"	FOOT	10388
90	THERMOPLASTIC PAVEMENT MARKING LINE 6"	FOOT	1144
91	THERMOPLASTIC PAVEMENT MARKING LINE 8"	FOOT	370
92	THERMOPLASTIC PAVEMENT MARKING LINE 24"	FOOT	18
93	THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS	SQ FT	362
94	PAVEMENT MARKING REMOVAL	SQ FT	60
95	LIGHTING ENCLOSURE, SPECIAL	EACH	1
96	ELECTRICAL SERVICE INSTALLATION (UPPER LOT)	EACH	1
97	ELECTRIC PANEL WITH ENCLOSURE, WALL MOUNTED	EACH	1
98	LIGHT, POLE MOUNTED, DECORATIVE TYPE S1	EACH	13
99	LIGHT, POLE MOUNTED, DECORATIVE TYPE S4	EACH	2
100	LIGHT, POLE MOUNTED, DECORATIVE TYPE F1	EACH	12
101	LIGHT, POLE MOUNTED, DECORATIVE TYPE F2	EACH	3
102	LIGHT, POLE MOUNTED, DECORATIVE TYPE F3	EACH	3
103	LIGHT, CEILING MOUNTED, TYPE F4	EACH	4
104	WALKWAY LIGHT, RECESSED MOUNTED, TYPE F5	EACH	50
105	LIGHT POLE FOUNDATION 24" DIA., UPPER	FOOT	153
106	LIGHT POLE FOUNDATION 24" DIA., LOWER	FOOT	135
107	COMPOSITE CONCRETE HAND HOLE	EACH	10
108	UNDERGROUND CONDUIT, RIGID NONMETTALLIC PVC 1"	FOOT	4333
109	UNDERGROUND CONDUIT, RIGID NONMETTALLIC PVC 2"	FOOT	72
110	UNDERGROUND CONDUIT, RIGID NONMETTALLIC PVC 4"	FOOT	525
111	CONDUIT ATTACHED TO STRUCTURE, 3"LTC/MC	FOOT	60
112	CONDUIT ATTACHED TO STRUCTURE, 1/2"LTC/MC	FOOT	70
113	CONDUIT EMBEDDED IN STRUCTURE, 1/2" PVC	FOOT	500
114	CONDUIT ENCASED, 4" SCHEDULE 40 PVC (2x1)	FOOT	72
115	CONDUIT ENCASED, 3" SCHEDULE 40 PVC (2x3)	FOOT	24
116	ELECTRIC CABLE IN CONDUIT 600V XLP #10	FOOT	13334
117	ELECTRIC CABLE IN CONDUIT 600V XLP #8	FOOT	4042
118	GFCI 20 AMP DUPLEX RECEPTACLE	EACH	1

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SUMMARY OF QUANTITIES I	
BID PACKAGE #1, 100% CD	
325 S. MADISON ST.	ROCKFORD, IL
FILE:113-005 RECLAIMING FIRST-INGERSOLL BUILDING SITEDESIGN/DRAWINGS/UPPER SITE/US 05.0 COVER.DWG	JOB: 04-15-14-055

No.	ITEM	UNIT	QUANTITY
119	TRANSFORMER PAD	EACH	1
120	PEDESTRIAN RAIL TYPE A	FOOT	1115
121	DECORATIVE FENCE, 4'	FOOT	84
122	DECORATIVE FENCE, 6'	FOOT	1076
123	IRRIGATION SLEEVE, 4"	FOOT	1670
124	IRRIGATION SYSTEM SPECIAL (UPPER LEVEL)	L SUM	1
125	IRRIGATION SYSTEM SPECIAL (LOWER LEVEL)	L SUM	1
126	WASHOUT BASIN	EACH	2
127	TRAFFIC CONTROL AND PROTECTION	L SUM	1
128	PIPE HANDRAIL	FOOT	1085
129	CONSTRUCTION LAYOUT	L SUM	1
130	AUTUMN FLAME RED MAPLE 2 1/2 CAL.	EACH	9
131	AUTUMN BLAZE MAPLE 2 1/2" CAL.	EACH	7
132	EMERALD QUEEN NORWAY MAPLE 2 1/2" CAL.	EACH	3
133	PRAIRIE PRIDE HACKBERRY 2 1/2" CAL.	EACH	11
134	SKYLINE THORNLESS HONEYLOCUST 2 1/2" CAL.	EACH	23
135	BURR OAK 2 1/2" CAL.	EACH	2
136	BLOODGOOD LONDON PLANETREE 2 1/2" CAL.	EACH	6
137	SWAMP WHITE OAK 2 1/2" CAL.	EACH	5
138	SCARLET OAK 2 1/2" CAL.	EACH	2
139	ACCOLADE AMERICAN ELM 2 1/2" CAL.	EACH	11
140	GREENSPIRE LITTLELEAF LINDEN 2 1/2" CAL.	EACH	16
141	AUTUMN BRILLIANCE SERVICEBERRY 6' HT.	EACH	12
142	EUROPEAN BLACK ALDER 6' HT.	EACH	6
143	HERITAGE RIVER BIRCH 6' HT.	EACH	3
144	EASTERN REDBUD 6' HT.	EACH	3
145	SERBIAN SPRUCE 6' HT.	EACH	6
146	SCOTS PINE 6' HT.	EACH	1
147	EASTERN WHITE PINE 6' HT.	EACH	3
148	IROQUOIS BEAUTY BLACK CHOKEBERRY 18" HT.	EACH	42
149	LIMELIGHT PANICLE HYDRANGEA 18" HT.	EACH	14
150	LITTLE HENRY SWEETSPIRE 18" HT.	EACH	23
151	HUMMINGBIRD CLETHRA 18" HT.	EACH	36
152	DWARF HONEYSUCKLE 18" HT.	EACH	43
153	DWARF BURNINGBUSH 30" HT.	EACH	54
154	DWARF FOTHERGILLA 24" HT.	EACH	27
155	GRO-LOW FRAGRANT SUMAC 5 GAL.	EACH	41
156	LITTLE PRINCESS SPIREA 24" HT.	EACH	76
157	DWARF KOREAN LILAC 30" HT.	EACH	41
158	FRAGRANT JUDDII VIBURNUM 36" HT.	EACH	31
159	PJM RHODODENDRON 24" HT.	EACH	45
160	DENSE HEDGE YEW 24" HT.	EACH	90
161	SEA GREEN JUNIPER 36" HT.	EACH	17
162	BLUE MUFFIN ARROWWOOD VIBURNUM 36" HT.	EACH	50
163	KALLAY COMPACT CHINESE JUNIPER 18" HT.	EACH	32
164	TECHNY AMERICAN ARBORVITAE 6' HT.	EACH	5
165	GREEN VELVET BOXWOOD 18" HT.	EACH	41
166	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	13.52
167	PERENNIAL PLANTS, PRAIRE TYPE, GALLON POT	UNIT	12.00
168	GROUND COVER 3" POT	UNIT	13.88
169	LIVE PLUG MIXES	SQ YD	3450

No.	ITEM	UNIT	QUANTITY
170	SHREDDED BARK MULCH 3"	SQ YD	3133
171	RAILROAD TRACK REMOVAL	FOOT	2441
172	GUARD RAIL REMOVAL	FOOT	476
173	REMOVE RETAINING WALL	FOOT	1002
174	REMOVE WOOD POWER POLE	EACH	12
175	REMOVE CHAIN LINK FENCE	FOOT	727
176	MANHOLE TO BE ADJUSTED (SANITARY)	EACH	6
177	MANHOLE TO BE RECONSTRUCTED (SANITARY)	EACH	1
178	CORE DRILL	IN DIA	50
179	PREPARE, CLEAN, AND PAINT TUNNEL	L SUM	1
180	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
181	RETAINING WALL IN-FILL	EACH	3
182	ACCESSIBLE PARKING SIGN	EACH	13
183	BICYCLE RACKS	EACH	7
184	TRASH RECEPTACLES	EACH	4
185	TABLE AND CHAIRS	UNIT	12
186	CONCRETE STAIRWAY REMOVAL	EACH	2
187	REMOVAL OF LIGHTING UNIT	EACH	11
188	SAMPLING MANHOLE (SANITARY)	EACH	2
189	ADJUST CLEANOUT	EACH	3
190	SANITARY SEWER SERVICE, 6" DIAMETER, COMPLETE	EACH	2
191	SANITARY SEWER CLASS B SCHEDULE 40 PVC 6"	FOOT	313
192	SANITARY SEWER CLASS B SCHEDULE 40 PVC 4"	FOOT	32
193	REMOVE EXISTING CONCRETE FOUNDATION	EACH	12
194	STONE RIPRAP, CLASS A5	SQ YD	450
195	TURBIDITY BARRIER, TYPE 1	FOOT	630
196	TENT ANCHOR	EACH	14
197	SITE DEMOLITION, SPECIAL	L SUM	1
198	SEGMENTAL BLOCK RETAINING WALL	SQ FT	325
199	DECORATIVE STONE	SQ YD	222
200	ADJUST HANDHOLE	EACH	1
201	GEOCOMPOSITE WALL DRAIN	SY	350
202	WATERMAIN REMOVAL	FOOT	871
203	REMOVE ELECTRICAL AND STEAM PIPE VAULT	EACH	1
204	BOLLARDS	EACH	29
205	ELEVATOR SHAFT DEMO	L SUM	1
206	STORM SEWER, 6", (WATER MAIN QUALITY)	FOOT	49
207	STORM SEWER, 12", (WATER MAIN QUALITY)	FOOT	202
208	STORM SEWER, 15", (WATER MAIN QUALITY)	FOOT	146
209	STORM SEWER, 18", (WATER MAIN QUALITY)	FOOT	123
210	STORM SEWER, 36", (WATER MAIN QUALITY)	FOOT	60
211	WATER MAIN PROTECTION ENCASEMENT	FOOT	20
212	SEEDING CLASS 1A	ACRE	0.64
213	SPECIAL WASTE PLANS AND REPORTS	L SUM	1
214	INLET TYPE B WITH TYPE 1 FRAME AND CLOSED LID	EACH	1
215	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	9

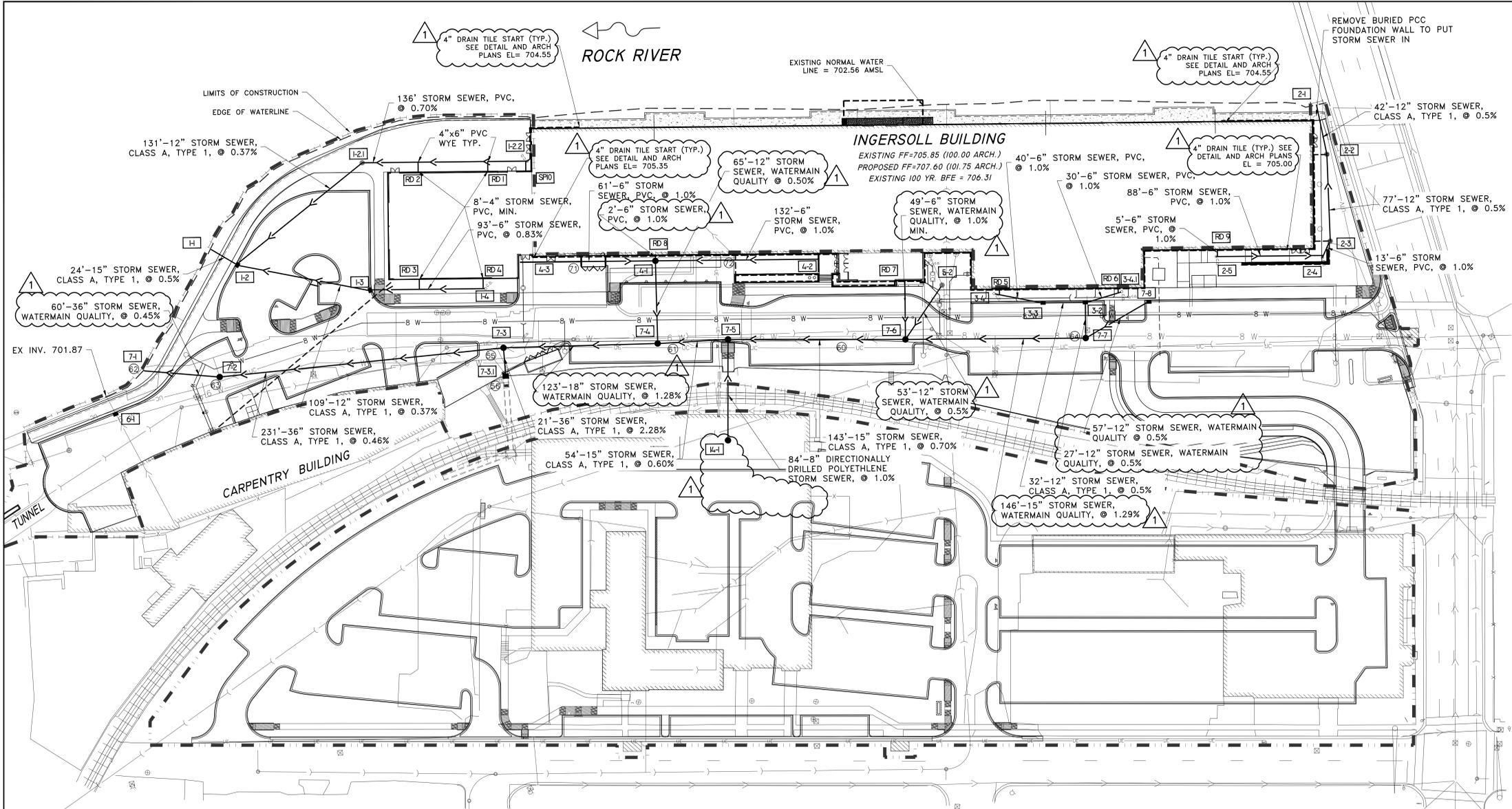
SHEET REVIEW	
AGENCY	DATE

REVISIONS			
NO.	ITEM	DATE	
1	ADDENDUM #1	5/1/15	

PLOT SCALE:	1:1
PLOT DATE:	5/1/2015
DRAWN BY:	BCS
CHECKED BY:	JMH
SUBMITTAL DATE:	03/31/15

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SUMMARY OF QUANTITIES 2	
BID PACKAGE #1, 100% CD	
325 S. MADISON ST.	ROCKFORD, IL
FILE: I:\13-005 RECLAIMING FIRST-INGERSOLL BUILDING SITE\DESIGN\DRAWINGS\UPPER SITE\15-005 05.0 COVER.DWG	JOB: 04-15-14-055



BENCHMARKS	
DESCRIPTION	ELEVATION
BM #1: CHISELED "SQUARE" ON JAMB OF DOOR ON THE WEST SIDE OF INGERSOLL BUILDING 5584 SOUTH OF NORTHWEST BUILDING CORNER.	705.84
BM C.P. #108: FOUND MAG NAIL	708.37
BM #2: CHISELED "SQUARE" ON EAST EDGE OF CONC. BASE OF LIGHT POLE WEST OF EXISTING TUNNEL ENTRANCE.	712.97

GENERAL NOTES

- All pipe designated Class A, Type 1 shall be reinforced concrete in accordance with Section 550.03 of the Standard Specifications for Road and Bridge Construction. Pipe Class shall be in accordance with the tables given for depth of cover.
- All pipe designated "PVC" shall be Schedule 40 PVC pipe and fittings.
- Field cutting of inlets and manholes will only be allowed in the event of an unforeseen conflict.
- The cost of making pipe connections to drainage structures shall be considered included in the Base Bid. All connections shall be grouted to make a water tight connection.
- Verify inverts of existing structures before commencing work or ordering materials.
- Roofdrain drainage connections shall use mainline tee, bends, and reducers as necessary. Coordinate with architectural plans for exact location of roof drain wall penetrations.

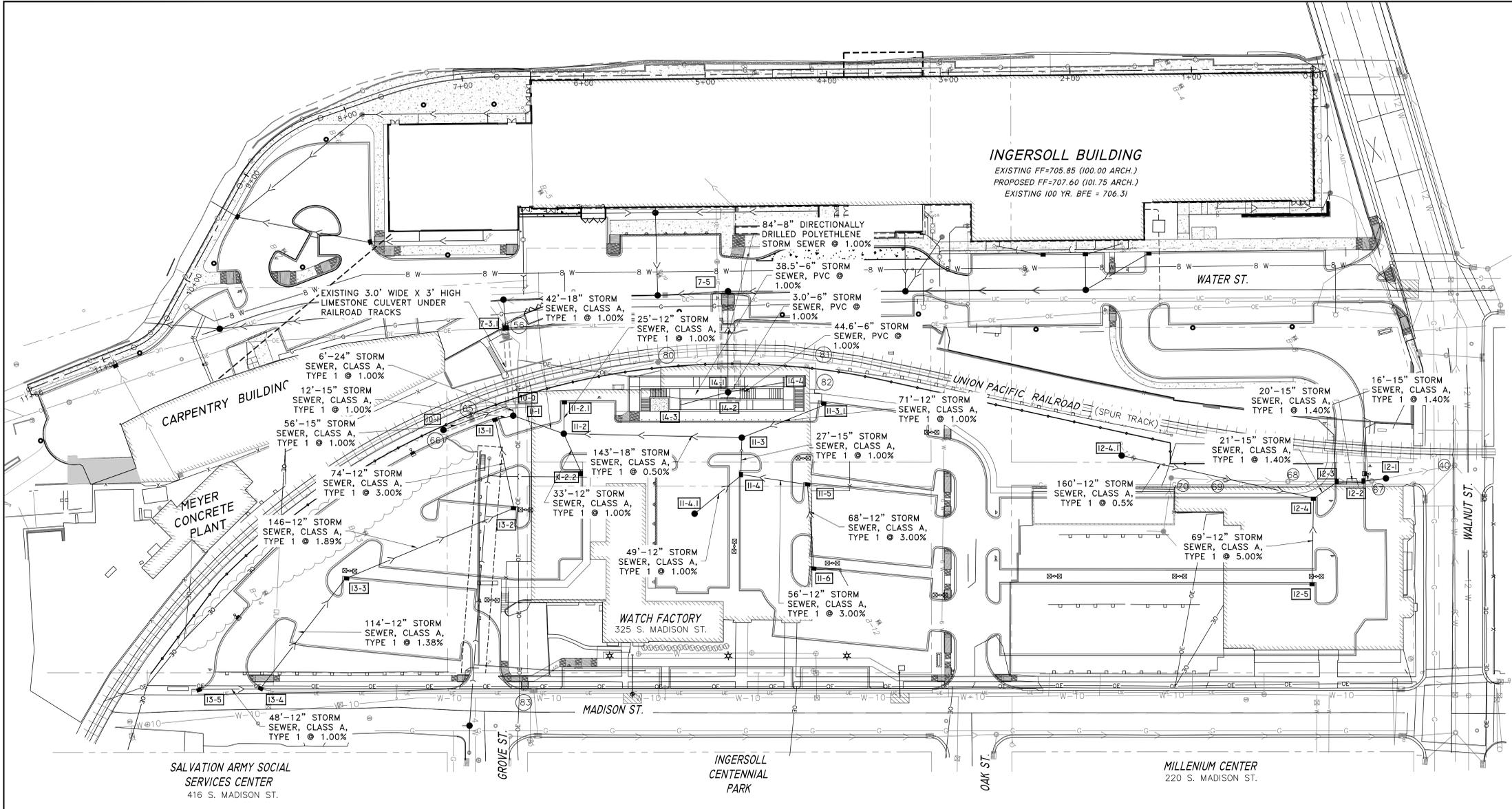
Point Table			
Structure #	Northing	Easting	Structure Type
1-1	2041369.4081	2586870.0734	END 15" PIPE
1-2	2041380.1327	2586891.0547	INL TY 700
1-2.1	2041512.9194	2586875.1889	INL TY A
1-2.2	2041602.5084	2586930.2518	CO RISER
1-3	2041463.5345	2586968.6653	INL TY 700
1-4	2041543.1365	2587017.6846	CO RISER
2-1	2042200.3860	2587251.6406	END 12" PIPE
2-2	2042188.2518	2587291.5167	INL TY A
2-3	2042152.2065	2587354.0827	INL TY A
2-4	2042139.4761	2587362.2936	CO
2-5	2042065.9931	2587314.9843	CO
3-2	2041955.4418	2587288.6078	INL TY 700
3-3	2041925.8277	2587270.4061	INL TY 700
3-4	2041895.0032	2587243.8340	CO
3-4.1	2041984.7421	2587298.4002	CO
4-1	2041673.6536	2587072.4705	INL TY A
4-2 (E)	2041782.3910	2587151.8303	TRENCH DRAIN
4-2 (W)	2041789.7217	2587139.9029	TRENCH DRAIN
4-3 (N)	2041620.6693	2587039.9043	TRENCH DRAIN
4-3 (S)	2041578.9396	2587014.2557	TRENCH DRAIN
5-2	2041862.5088	2587215.0552	INL TY A
6-1	2041230.3722	2586942.3637	INL TY 700 DOG
7-1	2041269.3679	2586926.2731	END 36" PIPE
7-2	2041318.9817	2586963.4481	MH 6" DIA
7-3	2041529.4796	2587067.0909	INL TY A 6" DIA
7-3.1	2041518.5226	2587087.9354	CIP DROPBOX
7-4	2041638.7236	2587131.6122	INL TY A 4" DIA
7-5	2041689.5103	2587159.4592	INL TY A 4" DIA
7-6	2041813.0068	2587237.2107	INL TY A 4" DIA
7-7	2041939.1056	2587315.1867	MH TY A 4" DIA
7-8	2041999.9469	2587315.9621	INL TY 700
RD 1	2041596.6208	2586936.0112	ROOF DRAIN
RD 2	2041547.9009	2586905.9719	ROOF DRAIN
RD 3	2041500.9957	2586882.2856	ROOF DRAIN
RD 4	2041545.6864	2587009.7542	ROOF DRAIN
RD 5	2041900.5695	2587243.1473	ROOF DRAIN
RD 6	2041983.7347	2587294.2619	ROOF DRAIN
RD 7	2041838.4979	2587195.7369	ROOF DRAIN
RD 8	2041676.3834	2587068.1683	ROOF DRAIN
RD 9	2042069.7250	2587310.8222	ROOF DRAIN

EXISTING STRUCTURES

- 55 Inlet
Cast=707.37
Inv(N)=703.29(18")
Inv(S)=702.70(36")
Inv(NE)=702.70(36")
REMOVE
- 56 Inlet
(JUNCTION STRUCTURE)
WEIR=708.58
Inv(SW)=703.18(36")
REMOVE
- 60 Inlet
Cast=710.73
Inv(N)=705.81(18")
Inv(S)=705.81(18")
REMOVE
- 61 Inlet
Cast=708.76
Inv(N)=704.51(15")
Inv(S)=704.42(18")
REMOVE
- 62 Inlet
36" RCP
Inv=700.67
REMOVE
- 63 Inlet
Cast=705.34
Inv(N)=701.04
Inv(SW)=701.04
REMOVE
- 64 Open Grate Manhole
Rim=713.51
Inv(NW)=711.01(10")
Inv(S)=707.96(15")
REMOVE
- 71 Slot Drain
Cast=705.35
Inv(N)=703.85(6")
REMOVE
- 72 Open Grate Manhole
Rim=704.78
Inv(S)=703.13(6")
Inv(SW)=703.13(10")
REMOVE

PROPOSED STRUCTURES

- RD1 ROOF DRAIN CONNECTION
I.E. = 703.60 (4")
- RD2 ROOF DRAIN CONNECTION
I.E. = 703.60 (4")
- RD3 ROOF DRAIN CONNECTION
I.E. = 703.60 (4")
- RD4 ROOF DRAIN CONNECTION
I.E. = 703.60 (4")
- RD5 ROOF DRAIN CONNECTION
I.E. = 709.00 (4")
- RD6 ROOF DRAIN CONNECTION
I.E. = 709.00 (4")
- RD7 ROOF DRAIN CONNECTION
I.E. = 707.00 (6")
- RD8 EX ROOF DRAIN
COORD W/ ARCH PLANS
I.E. = 704.82 (8")
- RD9 EX ROOF DRAIN
COORD W/ ARCH PLANS
I.E. = 705.94 (8")
- SP10 2" SUMP DISCHARGE
COORD W/ ARCH PLANS
I.E. = 703.60 (2")
- H1 15" PIPE
I.E. = 701.88
- I-21 INLET
TYPE 1 FRAME & OPEN LID
RIM = 707.11
I.E. = 702.63 (N) IN 6"
I.E. = 702.53 (SE) OUT 12"
- I-22 CLEANOUT
6" PVC W/ CAP
RIM = 707.59
I.E. = 703.59 (E) 6"x6"x3"WYE
SUMP DISCHARGE
I.E. = 703.59 (W) 6"x6"x4"WYE
DRAIN TILE WITH FERROCE
I.E. = 703.59 (S) OUT 6"
- I-23 INLET
TYPE 1 FRAME & OPEN LID
RIM = 707.00
I.E. = 704.38 (W) OUT 12"
I.E. = 704.88 (SE) IN 6"
I.E. = 704.88 (S) IN 4"
FOR 4" PERIMETER WALL DRAIN
- I-24 CLEANOUT
6" PVC W/ CAP
RIM = 707.40
I.E. = 705.01 (S) IN 6"
I.E. = 705.01 (NE) OUT 6"
- I-25 CLEANOUT
6" PVC W/ CAP
RIM = 711.98
I.E. = 705.89 (N) OUT 6"
- I-31 INLET
TYPE 1 FRAME & OPEN LID
RIM = 707.40
I.E. = 706.44 E.P. = 706.00
I.E. = 702.75 (N) IN 6"
I.E. = 702.65 (S) OUT 12"
- I-32 INLET
TYPE 1 FRAME & OPEN LID
RIM = 707.11
I.E. = 702.63 (N) IN 6"
I.E. = 702.53 (SE) OUT 12"
- I-33 INLET
TYPE 1 FRAME & OPEN LID
RIM = 713.00 E.P. = 712.56
I.E. = 708.56 (SW) IN 6"
I.E. = 708.46 (N) OUT 12"
- I-34 CLEANOUT
6" PVC W/ CAP
RIM = 713.28
I.E. = 708.96 (NE) OUT 6"
- I-34.1 CLEANOUT
6" PVC W/ CAP
RIM = 713.28
I.E. = 708.97 (SE) OUT 6"
- I-41 INLET
TYPE 1 FRAME & CLOSED LID
RIM = 708.82
I.E. = 705.00 (NW,SW) IN 4"
I.E. = 704.80 (W) IN 6"
I.E. = 704.80 (N) IN 6"
I.E. = 704.80 (E) IN 6"
I.E. = 704.70 (S) OUT 12" RCP
- I-42 TRENCH DRAIN
MODEL: ACO - KS100S (OR EQUAL)
13'-2" LONG- W/ STAINLESS STEEL
TYPE 4510 (LOAD CLASS A) GRATE
OR APPROVED EQUAL
RIM = 709.00
I.E. = 706.28 (S) OUT 6"
- I-43 TRENCH DRAIN
MODEL: ACO - KS200S (OR EQUAL)
39'-4" LONG- W/ SLOTTED GALV.
MESH 605G (LOAD CLASS C) GRATE
OR APPROVED EQUAL
RIM = 707.50
I.E. = 705.71 (N) OUT 6"
- I-51 INLET
TYPE 1 FRAME & OPEN GRATE
RIM = 712.60
I.E. = 707.85 (W) OUT 12"
- I-61 INLET
TYPE 1 FRAME & OPEN GRATE
RIM = 712.60
I.E. = 707.85 (W) OUT 12"
- I-71 36" PIPE
I.E. = 700.67
- I-72 MH
MANHOLE, 6' DIA. W/ FLAT
SLAB TOP & OPEN LID
RIM=706.43
I.E. = 701.04 (N) IN 36"
I.E. = 700.94 (S) OUT 36"
- I-73 MANHOLE
MANHOLE TYPE A 6' DIA. WITH
FLAT SLAB TOP & TYPE 1
FRAME & OPEN LID
RIM = 707.25
I.E. = 702.70 (N) IN 18"
I.E. = 702.70 (E) IN 36"
I.E. = 702.00 (S) OUT 36"
- I-74 MANHOLE
MANHOLE TYPE A 4' DIA. WITH
FLAT SLAB TOP & TYPE 1
FRAME & OPEN LID
RIM = 708.71
I.E. = 704.52 (N) IN 15"
I.E. = 704.37 (W) IN 12"
I.E. = 704.27 (S) OUT 18"
- I-75 MANHOLE
MANHOLE TYPE A 4' DIA. WITH
TYPE 1 FRAME AND CLOSED LID
RIM = 709.65
I.E. = 705.36 (E) IN 8" POLY.
I.E. = 704.94 (N) IN 15"
I.E. = 704.84 (S) OUT 15"
- I-76 MANHOLE
MANHOLE TYPE A 4' DIA. WITH
TYPE 1 FRAME & OPEN LID
RIM = 711.58
I.E. = 707.58 (NW) IN 12"
I.E. = 706.51 (W) IN 6"
I.E. = 705.94 (N) IN 15"
I.E. = 705.84 (S) OUT 15"
- I-78 INLET
TYPE 1 FRAME & OPEN LID
RIM = 713.25 E.P. = 712.81
I.E. = 709.31 (SE) OUT 12"
- I-73.1 JUNCTION BOX (SEE DETAIL SHEET C6.8)
CAST IN PLACE DROPBOX
OPEN LID
RIM=712.50
I.E. = 703.XX (E) IN 3'HX3'W CULVERT
I.E. = 703.18 (W) OUT 36"



BENCHMARKS	
DESCRIPTION	ELEVATION
BM #1: CHISELED "SQUARE" ON JAMB OF DOOR ON THE WEST SIDE OF INGERSOLL BUILDING 558' SOUTH OF NORTHWEST BUILDING CORNER.	705.84
BM C.P. #108: FOUND MAG NAIL	708.37
BM #2: CHISELED "SQUARE" ON EAST EDGE OF CONC. BASE OF LIGHT POLE WEST OF EXISTING TUNNEL ENTRANCE.	712.97

GRADING NOTES

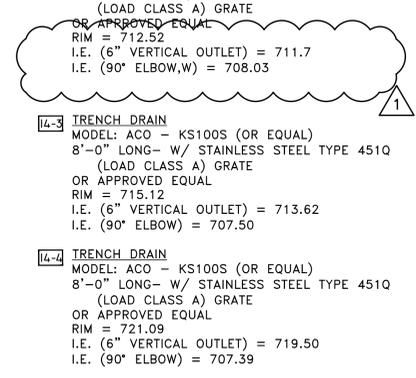
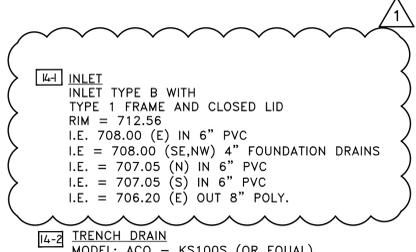
- The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies, and where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must call the appropriate utility companies at least 72 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.
- All cut or fill slopes shall be 3:1 or flatter unless otherwise noted.
- Precast storm sewer structures may be used at contractor's option.
- Existing pipes to remain shall be cleaned out to remove all silt and debris.
- Storm sewer pipe lengths are measured along the center of pipe from center of structure (manhole) to center of structure (manhole) or from center of structure to free outlet (end section not included).
- Existing grade contour intervals shown at 1 foot intervals. Proposed grade contour intervals shown when available at 1 foot intervals (for reference only. Refer to spot elevations for exact construction operations).
- If any existing structures to remain are damaged during construction it shall be the contractor's responsibility to repair and/or replace the existing structure as necessary to return it to existing conditions or better.
- All storm pipe entering structures shall be grouted to assure connection at structure is watertight.
- All storm sewer manholes in paved areas shall be flush with pavement, and shall have traffic bearing ring & covers.
- The contractor shall adhere to all terms & conditions as outlined in the EPA or applicable State General NPDES Permit for storm water discharge associated with construction activities and storm water pollution prevention.
- Contractor shall adjust and/or cut existing pavement as necessary to assure a smooth fit and continuous grade.
- Contractor shall assure positive drainage away from buildings for all natural and paved areas.
- Topographic information is taken from a topographic survey by McClure Engineering associates Inc. If the contractor does not accept existing topography as shown on the plans, without exception, then the contractor shall supply, at their expense, a topographic survey by a registered land surveyor to the owner for review.
- All storm structures shall have a smooth uniform poured mortar invert from invert in to invert out.

EXISTING STRUCTURES

- 40) Manhole Rim=724.44 Inv(E)=717.59(27") Inv(N)=721.55(10") Inv(W)=717.59(27")
- 56) Inlet (EX OPENING IN STAIR) WEIR=708.58 Inv(SW)=703.18(36")
- 65) Inlet Cast=729.07 Inv(I)=723.30 REMOVE
- 66) Culvert Inv=725.53 REMOVE
- 67) Manhole Rim=724.99 Inv(S)=719.94(10") Inv(N)=719.94(10") Inv(E)=720.49(6") REMOVE
- 68) Manhole Rim=725.32 Inv(N)=720.72(10") Inv(S)=720.92(10") Inv(E)=723.52(8") Inv(NW)=723.82(6") REMOVE
- 69) Manhole Rim=725.20 Inv(S)=721.55(10") Inv(N)=721.55(10") Inv(E)=723.00(4") REMOVE
- 70) Inlet Cast=725.04 Vertical Pipe in Center of MH REMOVE
- 80) OPEN GRATE Manhole Rim=726.24 Inv(N)=721.34(10") Inv(S)=721.34(10") TO REMAIN
- 81) OPEN GRATE Manhole Rim=725.6 Inv(E)=721.5±(10") Inv(S)=721.5±(10") TO REMAIN
- 82) TRENCH DRAIN Rim=725.5 Inv(W)=721.6±(10") REMOVE
- 83) INLET Rim=739.06 Inv(W)=737.38(E) ADJUST RIM = M.E.

PROPOSED STRUCTURES

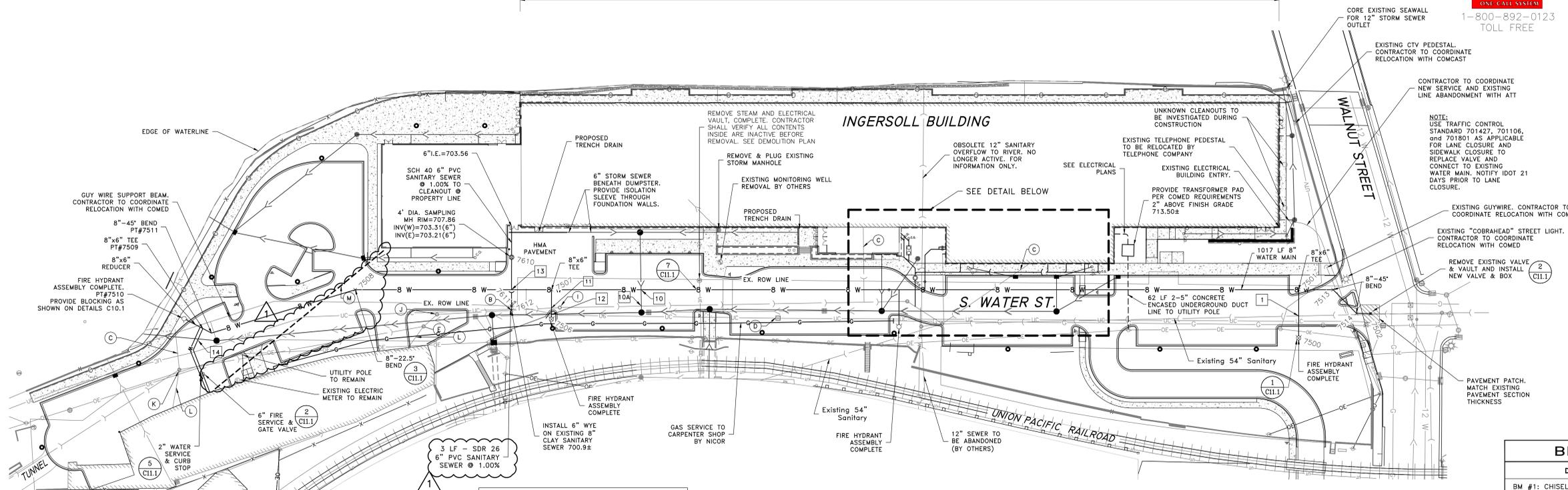
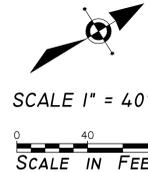
- 10-0) EXISTING JUNCTION STRUCTURE RECONSTRUCT W/NEW F&G CORE DRILL HOLE FOR 24" PIPE BLOCK AND SEAL EXISTING OPENINGS RIM = 728.86 (CORE HOLE THRU TOP) EX I.E. = 724± (N) IN 10" I.E. = 723.69 (S) IN 15" I.E. = 722.54 (E) IN 24" V.I.F. EX. I.E. = 722.3± (W) EX OUT V.I.F. (3'H X 3'W CULVERT OUT) CONTRACTOR SHALL VERIFY I.E. OUT IN FIELD AND INFORM ENGINEER
- 10-1) INLET INLET TYPE A TYPE 8 FRAME & OPEN LID RIM = 727.50 I.E. = 724.25 OUT 15"
- 11-1) MH MH TYPE A, 5' DIA. TYPE 1 FRAME & OPEN LID RIM = 729.00 I.E. = 724.40 (SE) IN 15" I.E. = 723.10 (NE) IN 18" I.E. = 722.60± (W) OUT 24"
- 11-2) MH MANHOLE TYPE A, 4' DIA. WITH FLAT SLAB TOP & TYPE 1 FRAME & OPEN LID RIM = 728.81 I.E. = 725.39 (E) IN 12" I.E. = 724.50 (W) IN 12" I.E. = 723.62 (N) IN 18" EX. I.E. = 723.52 (SW) OUT 18"
- 11-3) MH MANHOLE TYPE A, 4' DIA. TYPE 1 FRAME & OPEN LID RIM = 729.73 I.E. = 724.99 (NW) IN 12" I.E. = 724.46 (E) IN 15" EX. I.E. = 724.33 (SW) OUT 18"
- 11-4) INLET INLET 700 T.C. = 730.42 E.P. = 729.98 I.E. = 725.00 (N) IN 12" I.E. = 725.00 (SE) IN 12" I.E. = 724.75 (W) OUT 15"
- 11-5) INLET INLET 700 T.C. = 731.74 E.P. = 731.30 I.E. = 727.90 (E) IN 12" I.E. = 726.68 (W) OUT 12"
- 11-6) INLET INLET 700 T.C. = 734.17 E.P. = 733.73 I.E. = 729.94 (W) OUT 12"
- 11-2-1) INLET INLET 700 T.C. = 728.69 E.P. = 728.25 I.E. = 724.76 (E) OUT 12"
- 11-2-2) INLET INLET 700 T.C. = 729.64 E.P. = 729.20 I.E. = 725.70 (W) OUT 12"
- 11-3-1) INLET INLET 700 T.C. = 729.64 E.P. = 729.20 I.E. = 725.70 (SE) OUT 12"
- 11-4-1) MH MANHOLE TYPE A, 4' DIA. TYPE 1 FRAME & OPEN LID RIM = 729.00 I.E. = 725.49 (NW) OUT 12"
- 12-1) MH MANHOLE TYPE A, 4' DIA. TYPE 1 FRAME & OPEN LID RIM = 724.89 I.E. = 719.90 (S) IN 15" EX. I.E. = 719.78± (N) EX. OUT 10" VERIFY IN FIELD
- 12-2) INLET INLET 700 T.C. = 724.77 E.P. = 724.33 I.E. = 720.22 (S) IN 15" I.E. = 720.12 (N) OUT 15"
- 12-3) INLET INLET 700 T.C. = 724.77 E.P. = 724.33 I.E. = 720.60 (SE) IN 15" I.E. = 720.50 (N) OUT 15"
- 12-4) INLET INLET 700 T.C. = 727.15 E.P. = 726.71 I.E. = 722.30 (E) IN 12" I.E. = 721.15 (S) IN 12" I.E. = 720.89 (NW) OUT 15"
- 12-5) INLET INLET 700 T.C. = 730.74 E.P. = 730.30 I.E. = 725.75 (W) OUT 12"
- 12-4-1) INLET INLET TYPE A TYPE 8 FRAME & OPEN LID RIM = 724.90 I.E. = 721.95 OUT 12"
- 13-1) INLET INLET 700 T.C. = 729.24 E.P. = 728.80 I.E. = 724.77 (E) IN 12" I.E. = 724.52 (NW) OUT 15"
- 13-2) INLET INLET 700 T.C. = 730.71 E.P. = 730.27 I.E. = 727.09 (E) IN 12" I.E. = 726.99 (W) OUT 12"
- 13-3) INLET INLET 700 T.C. = 733.81 E.P. = 733.37 I.E. = 729.94 (E) IN 12" I.E. = 729.84 (W) OUT 12"
- 13-4) INLET INLET 700 T.C. = 737.79 E.P. = 737.27 I.E. = 731.42 (S) IN 12" I.E. = 731.32 (W) OUT 12"
- 13-5) INLET INLET 700 T.C. = 735.83 E.P. = 735.39 I.E. = 731.90 (N) OUT 12"
- 7-5) MANHOLE MANHOLE TYPE A 4' DIA. WITH TYPE 1 FRAME AND CLOSED LID RIM = 709.65 I.E. = 705.36 (E) IN 8" POLY. I.E. = 704.94 (N) IN 15" I.E. = 704.84 (S) OUT 15"
- 14-1) INLET INLET TYPE B WITH TYPE 1 FRAME AND CLOSED LID RIM = 712.56 I.E. = 708.00 (E) IN 6" PVC I.E. = 708.00 (SE,NW) 4" FOUNDATION DRAINS I.E. = 707.05 (N) IN 6" PVC I.E. = 707.05 (S) IN 6" PVC I.E. = 706.20 (E) OUT 8" POLY.
- 14-2) TRENCH DRAIN MODEL: ACO - KS100S (OR EQUAL) 12'-0" LONG - W/ STAINLESS STEEL TYPE 451Q (LOAD CLASS A) GRATE OR APPROVED EQUAL RIM = 712.52 I.E. (6" VERTICAL OUTLET) = 711.7 I.E. (90° ELBOW,W) = 708.03
- 14-3) TRENCH DRAIN MODEL: ACO - KS100S (OR EQUAL) 8'-0" LONG - W/ STAINLESS STEEL TYPE 451Q (LOAD CLASS A) GRATE OR APPROVED EQUAL RIM = 715.12 I.E. (6" VERTICAL OUTLET) = 713.62 I.E. (90° ELBOW) = 707.50
- 14-4) TRENCH DRAIN MODEL: ACO - KS100S (OR EQUAL) 8'-0" LONG - W/ STAINLESS STEEL TYPE 451Q (LOAD CLASS A) GRATE OR APPROVED EQUAL RIM = 721.09 I.E. (6" VERTICAL OUTLET) = 719.50 I.E. (90° ELBOW) = 707.39



GENERAL NOTES

- All pipe designated Class A, Type 1 shall be reinforced concrete in accordance with Section 550.03 of the Standard Specifications for Road and Bridge Construction. Pipe Class shall be in accordance with the tables given for depth of cover.
- All pipe designated "PVC" shall be Schedule 40 PVC pipe and fittings.
- Field cutting of inlets and manholes will only be allowed in the event of an unforeseen conflict.
- The cost of making pipe connections to drainage structures shall be considered included in the Base Bid. All connections shall be grouted to make a water tight connection.
- Verify inverts of existing structures before commencing work or ordering materials.
- Roofdrain drainage connections shall use mainline tee, bends, and reducers as necessary. Coordinate with architectural plans.

SEE BID PACKAGE 2 FOR BUILDING IMPROVEMENTS AND RIVERPATH DETAILS



BENCHMARKS	
DESCRIPTION	ELEVATION
BM #1: CHISELED "SQUARE" ON JAMB OF DOOR ON THE WEST SIDE OF INGERSOLL BUILDING 55± SOUTH OF NORTHWEST BUILDING CORNER.	705.84
BM C.P. #108: FOUND MAG NAIL	708.37
BM #2: CHISELED "SQUARE" ON EAST EDGE OF CONC. BASE OF LIGHT POLE WEST OF EXISTING TUNNEL ENTRANCE.	712.97

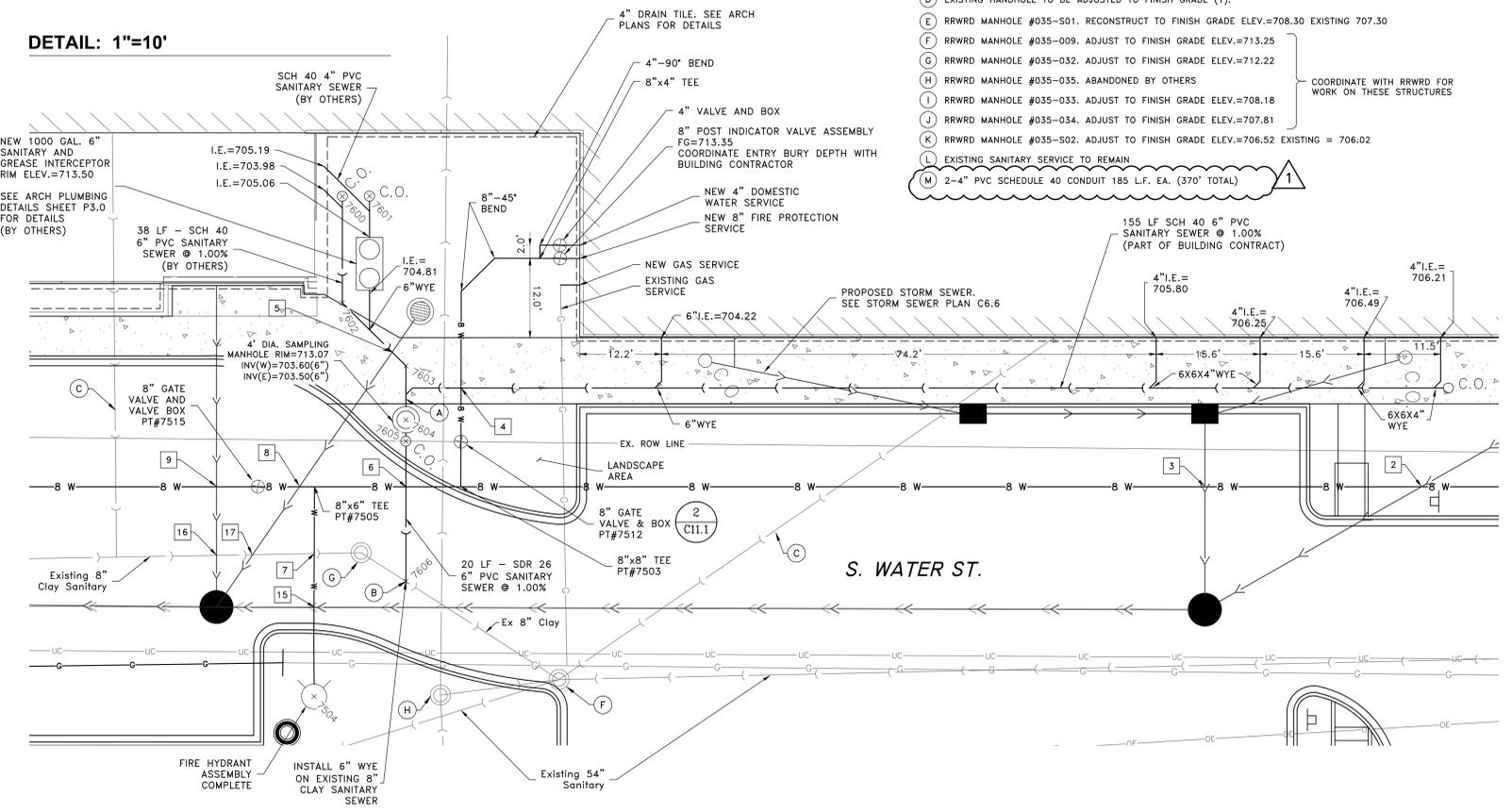
- KEY:**
- (A) TRANSITION BETWEEN: BUILDING CONTRACT (UPSTREAM) & BID PACK NO.1 (DOWNSTREAM)
 - (B) NEW SANITARY SERVICE CONNECTION PER RRWR STANDARDS WITH CLEANOUT AT PROPERTY LINE.
 - (C) EXISTING SANITARY SERVICE, ABANDON AND CAP PER RRWR DETAILS.
 - (D) EXISTING HANDHOLE TO BE ADJUSTED TO FINISH GRADE (1).
 - (E) RRWR MANHOLE #035-S01. RECONSTRUCT TO FINISH GRADE ELEV.=708.30 EXISTING 707.30
 - (F) RRWR MANHOLE #035-009. ADJUST TO FINISH GRADE ELEV.=713.25
 - (G) RRWR MANHOLE #035-032. ADJUST TO FINISH GRADE ELEV.=712.22
 - (H) RRWR MANHOLE #035-035. ABANDONED BY OTHERS
 - (I) RRWR MANHOLE #035-033. ADJUST TO FINISH GRADE ELEV.=708.18
 - (J) RRWR MANHOLE #035-034. ADJUST TO FINISH GRADE ELEV.=707.81
 - (K) RRWR MANHOLE #035-S02. ADJUST TO FINISH GRADE ELEV.=706.52 EXISTING = 706.02
 - (L) EXISTING SANITARY SERVICE TO REMAIN
 - (M) 2-4" PVC SCHEDULE 40 CONDUIT 185 L.F. EA. (370' TOTAL)

- UTILITY NOTES:**
- WATER SERVICE TO S. WATER STREET MAY BE DISCONTINUED DURING THE CONSTRUCTION OF THE NEW MAIN ACCORDING TO THE CITY OF ROCKFORD FIRE DEPARTMENT. HYDRANTS SHALL BE TAGGED "OUT OF SERVICE" UNTIL REMOVED AND REPLACED. ANY SERVICE CONNECTIONS NOT SHOWN ON THE PLANS SHALL BE REPORTED TO THE ENGINEER. THE CITY SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE WATER MAIN BEING DISCONNECTED.
 - THE TRENCH WIDTHS SHALL BE KEPT TO A MINIMUM BY THE USE OF A TRENCH BOX. TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - ALL NEW WATER MAIN SHALL BE CLASS 52 DUCTILE IRON WITH POLY-WRAP IN ACCORDANCE WITH THE CITY OF ROCKFORD WATER DIVISION STANDARDS. HYDRANTS AND BENDS SHALL BE BLOCKED AGAINST UNDISTURBED SOIL. CONTRACTOR SHALL PERFORM LEAK TESTING AND BACTERIOLOGICAL TESTING IN ACCORDANCE WITH AWWA STANDARDS AND THE CITY OF ROCKFORD SECTION 12.
 - SEE GRADING AND DRAINAGE PLAN C6.0 & STORM SEWER PLAN C6.1 FOR STORM SEWER, TRENCH DRAIN & DRAIN TILE DETAILS.
 - CONTRACTOR IS RESPONSIBLE FOR DE-WATERING WATER LINE TRENCH IN THE EVENT GROUND WATER IS ENCOUNTERED.
 - WATER, STORM SEWER, AND DRAIN TILE ARE INCLUDED IN BID PACKAGE NO. 1

COORDINATE POINT TABLE:

Point #	Northing	Easting	Desc
7500	2042102.1186	2587442.2219	FIRE HYDRANT
7501	2042123.8998	2587406.9007	8"x6" TEE
7502	2042165.1317	2587456.2853	8" VALVE
7503	2041853.7708	2587240.8707	8"x8" TEE
7504	2041818.3791	2587256.4216	FIRE HYDRANT
7505	2041835.0604	2587229.3707	8"x6" TEE
7506	2041570.5822	2587096.6846	FIRE HYDRANT
7507	2041583.8949	2587074.9963	8"x6" TEE
7508	2041442.0254	2586987.7987	22.5 ELBOW
7509	2041314.5006	2586948.5108	8"x6" TEE
7510	2041305.3958	2586932.9797	FIRE HYDRANT
7511	2041318.6689	2586955.6211	45 ELBOW
7512	2041857.3495	2587235.0747	8" VALVE
7513	2042148.7831	2587422.1947	45 ELBOW
7514	2042154.9940	2587449.8644	45 ELBOW
7515	2041827.8500	2587224.9389	8" VALVE
7600	2041861.6545	2587194.0906	CLEANOUT
7601	2041865.1577	2587196.1933	CLEANOUT
7602	2041853.2092	2587207.8309	6" 45 ELBOW
7603	2041856.3409	2587220.9525	6" 45 ELBOW
7604	2041852.0598	2587227.9175	SAMPLING MANHOLE
7605	2041850.3615	2587230.6804	CLEANOUT
7606	2041839.2385	2587248.7764	6" WYE
7610	2041569.5788	2587033.6212	SAMPLING MANHOLE
7611	2041547.6986	2587069.1635	CLEANOUT
7612	2041545.7802	2587072.2798	6" WYE

DETAIL: 1"=10'

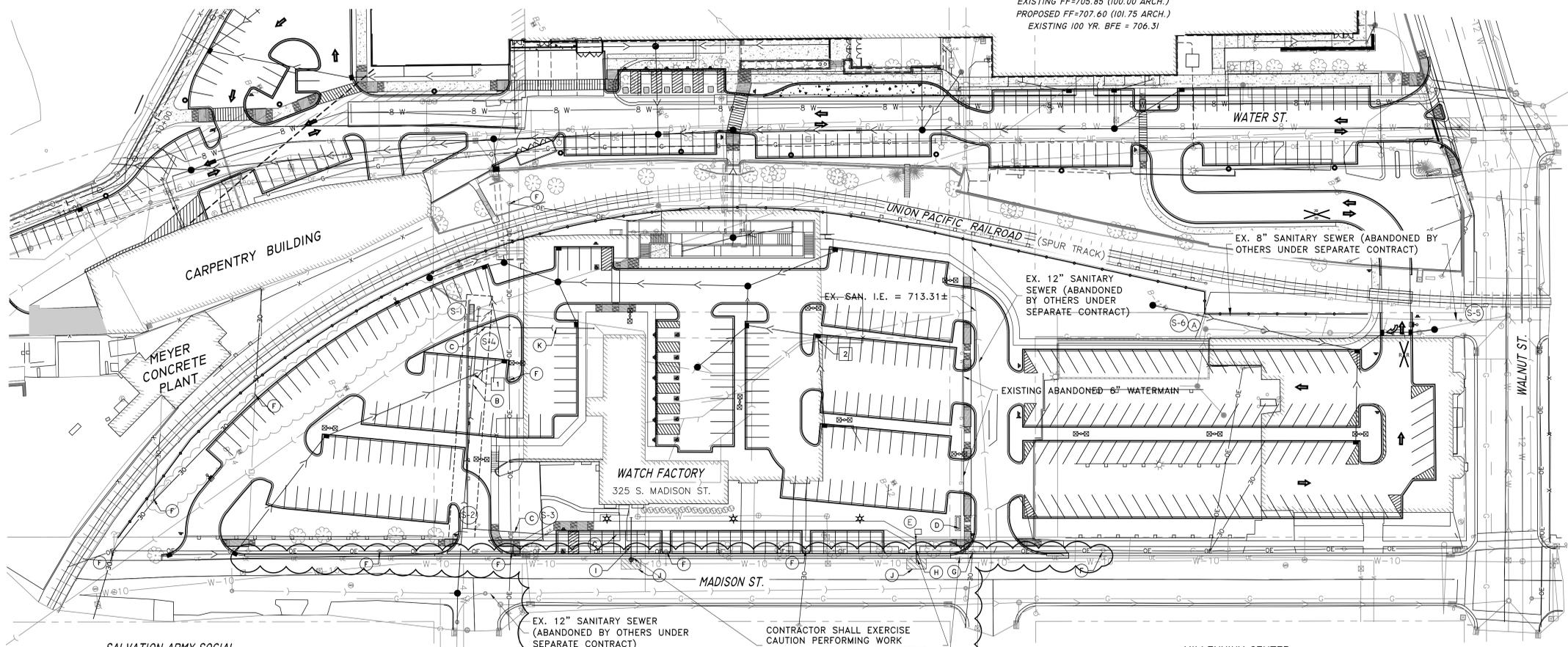


UTILITY CONFLICTS

NO.	ITEM	INVERT	TOP	CL. 1	NO.	ITEM	INVERT	TOP	CL. 1
1	WATER(6")	710.51	13.13'	ok	10	STM(12")	704.49	1.62	ok
2	STM(12")	709.20	1.69'	ok	10A	WATER(8")	702.87	4.98'	ok
3	STM(12")	707.51	1.50'	ok	11	STM(12")	704.39	0.72	ok
4	WATER(8")	706.16	2.12'	ok	11	WATER(6")	701.61	0.72	ok
5	STM(12")	706.66	1.50'	ok	11	Ex.San.(8")	700.89	0.72	ok
6	WATER(8")	706.46	2.12'	ok	12	WATER(6")	703.33	1.50'	ok
7	STM(12")	704.34	2.48'	ok	12	STM(18")	701.83	1.50'	ok
8	WATER(8")	707.82	4.09'	ok	13	WATER(6")	703.02	1.50'	ok
9	STM(12")	703.73	2.48'	ok	13	San.(6")	701.52	1.50'	ok
10	WATER(8")	705.90	2.48'	ok	14	STM(36")	700.88	1.50'	ok
11	WATER(8")	705.42	2.48'	ok	14	WATER(6")	699.38	1.50'	ok
12	WATER(8")	705.5	6.98'	ok	15	STM(15")	706.11	1.50'	ok
13	STM(12")	707.69	2.27'	ok	15	WATER(6")	704.61	1.50'	ok
14	WATER(8")	705.42	2.27'	ok	16	STM(6")	706.56	7.98'	ok
15	STM(12")	706.68	1.50'	ok	16	Ex.San.(8")	698.58	7.98'	ok
16	WATER(8")	705.18	1.50'	ok	17	STM(12")	707.62	9.07'	ok
17	WATER(8")	705.18	1.50'	ok	17	Ex.San.(8")	698.55	9.07'	ok

* MAINTAIN 18" MINIMUM CLEARANCE
 ** WATER MAIN PROTECTION PIPE AT CROSSING. SEE SITE DETAILS SHEET 8 (C.I.L.)
 *** WATER MAIN QUALITY PIPE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS. GASKETED STORM SEWER IS NOT AN ACCEPTABLE WATER MAIN QUALITY STORM SEWER PER THE CITY OF ROCKFORD SPECIFICATIONS.

INGERSOLL BUILDING
 EXISTING FF=705.85 (100.00 ARCH.)
 PROPOSED FF=707.60 (101.75 ARCH.)
 EXISTING 100 YR. BFE = 706.31



UTILITY NOTES

- CONTACT ALL PUBLIC AND PRIVATE UTILITY COMPANIES 3 WORK DAYS PRIOR TO ANY EXCAVATION. COST OF REPLACEMENT OR REPAIR OF EXISTING UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY FLOOR, CURB OR PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK.
- THE 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 "JULIE" AT 1-800-892-0123 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITY DURING CONSTRUCTION AT NO COST TO THE OWNER.
- CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION, TO INCLUDE BUT NOT LIMITED FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING.
- CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
- REFER TO SITE PLAN FOR EXACT LIGHT POLE LOCATIONS. REFER TO ELECTRICAL PLAN FOR ELECTRICAL WIRING REQUIREMENTS.
- ALL UTILITY TRENCHES SHALL BE REPAIRED IN ACCORDANCE WITH THE DETAILS. CONTRACTOR SHALL ADJUST THE TOP OF ALL STRUCTURES SUCH AS MANHOLES AND FLUSH UTILITY BOXES TO BE EXPOSED AND MATCH THE SURROUNDING PROPOSED GRADES.

UTILITY LEGEND

- (A) EXISTING SANITARY MANHOLE (ABANDONED BY OTHERS)
- (B) PROPOSED 12" SANITARY SEWER BY OTHERS (UNDER SEPARATE CONTRACT) CONTRACTOR SHALL COORDINATE WITH OTHERS FOR CONSTRUCTION SCHEDULE.
- (C) PROPOSED SANITARY SEWER SERVICE BY OTHERS (UNDER SEPARATE CONTRACT) CONTRACTOR SHALL COORDINATE WITH OTHERS FOR CONSTRUCTION SCHEDULE.
- (D) PROPOSED SIGN BY OWNER (UNDER SEPARATE CONTRACT) CONTRACTOR SHALL COORDINATE WITH OWNER FOR SCHEDULE AND REFER TO ELECTRICAL PLAN FOR ELECTRIC SERVICE ROUGH-INS.
- (E) IRRIGATION CONTROLLER. REFER TO LANDSCAPING PLANS FOR REQUIREMENTS.
- (F) EXISTING POWER POLE AND OVERHEAD WIRES TO REMAIN
- (G) EXISTING POWER POLE, OVERHEAD WIRES RELOCATED BY OTHERS (UNDER SEPARATE CONTRACT) CONTRACTOR SHALL COORDINATE WITH OTHERS FOR SCHEDULE.
- (H) 2" WATER SERVICE LINE W/ TAPPING SLEEVE AND CURB STOP (SEE CITY OF ROCKFORD WATER REQUIREMENTS) PROVIDE PIPING SERVICE EXTENSION TO SURFACE ON PROPERTY SIDE OF CURB BOX FOR IRRIGATION SERVICE BOX (COORDINATE W/ LANDSCAPE PLANS)
- (I) 36 L.F. OF 6" D.I. FIRE/DOMESTIC WATER SERVICE LINE W/ TAPPING VALVE AND SLEEVE AND VALVE BOX. (SEE CITY OF ROCKFORD WATER REQUIREMENTS) CAP AND PLUG END OF PIPE ON PROPERTY LINE.
- (J) PAVEMENT PATCH. APPROX 15'X8'. MATCH EXISTING PAVEMENT SECTION THICKNESS
- (K) 80 L.F. 6" SCHEDULE 40 SANITARY SEWER SERVICE @ 1.0% SLOPE (CONTRACTOR TO COORDINATE WITH RRWRD FOR CONNECTION AT SANITARY SEWER STUB PUT IN BY OTHERS)

BENCHMARKS	
DESCRIPTION	ELEVATION
BM #1: CHISELED "SQUARE" ON JAMB OF DOOR ON THE WEST SIDE OF INGERSOLL BUILDING 558± SOUTH OF NORTHWEST BUILDING CORNER.	705.84
BM C.P. #108: FOUND MAG NAIL	708.37
BM #2: CHISELED "SQUARE" ON EAST EDGE OF CONC. BASE OF LIGHT POLE WEST OF EXISTING TUNNEL ENTRANCE.	712.97

UTILITY CONFLICTS CHECK

CONFLICT	I.E.	PIPE	ELEVATION (±)
1	TOP	PR. 12" STORM SEWER	727.37
	TOP	PR. 12" SANITARY	723.94*
2	I.E.	PR. 12" STORM SEWER	726.68
	TOP	EX. 6" C.I. SAN. SERVICE	726±

(*) - ELEVATION BASED ON RRWRD PLANS

STRUCTURE TABLE

- (S-1) EXISTING SANITARY MANHOLE TO BE RECONSTRUCTED BY RRWRD (U.S.C.)
 RRWRD # 035-008
 EX RIM = 729.25
 EX. I.E.(N.S) = 689.62±
 ADJUST RIM TO EL = 729.96
- (S-2) PROPOSED SANITARY CLEANOUT (BY OTHERS UNDER SEPARATE CONTRACT)
 ADJUST RIM TO EL = 738.88
- (S-3) PROPOSED SANITARY CLEANOUT (BY OTHERS UNDER SEPARATE CONTRACT)
 F/G = 739.99
- (S-4) PROPOSED SANITARY CLEANOUT (BY OTHERS UNDER SEPARATE CONTRACT)
 F/G = 730.78
- (S-5) EXISTING SANITARY MANHOLE
 RRWRD # 036-005
 EX RIM = 724.27±
 EX. I.E.(S) = 711.83±
 EX. I.E.(N) = 711.72±
 (TO REMAIN) COORDINATE WITH OTHERS
- (S-6) EXISTING SANITARY MANHOLE
 RRWRD # 036-006
 EX RIM = 725.08±
 EX. I.E.(N) = 713.62±
 (ABANDONED BY OTHERS UNDER SEPARATE CONTRACT)
 COORDINATE WITH OTHERS

CONTRACTOR SHALL EXERCISE CAUTION PERFORMING WORK AROUND UNDERGROUND ELECTRICAL DUCT TRANSMISSION LINE

CAUTION

EXISTING UNDERGROUND 69KV ELECTRICAL DUCT

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

PLOT SCALE:	
PLOT DATE:	DATE
1:1	5/1/2015

DRAWN BY:	
CHECKED BY:	DATE
BCS	03/31/15

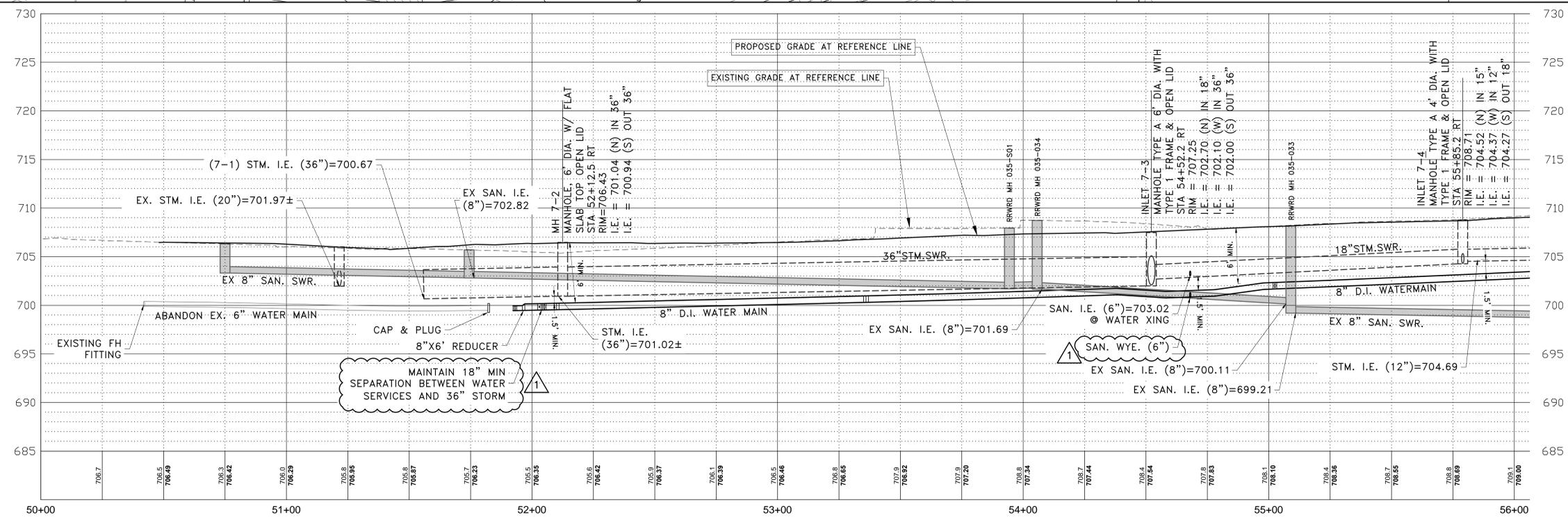
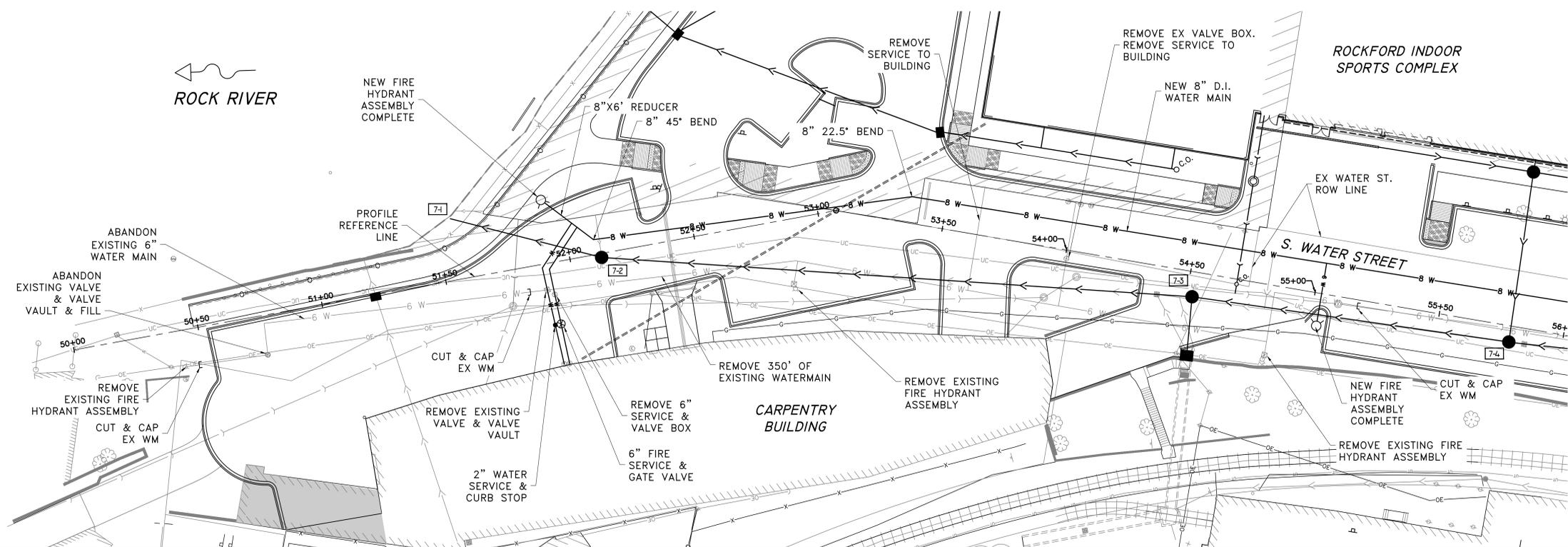
SUBMITTAL DATE:	
03/31/15	

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UTILITY PLAN - UPPER
 BID PACKAGE #1, 100% CD
 325 S. MADISON ST. ROCKFORD, IL
 FILE: 113-005 RECLAIMING FIRST-INGERSOLL BUILDING SITE DESIGN/UPPER UTILITY SITES 005 C7.1 UTILITY UPPER.DWG
 JOB: 04-15-14-055



SCALES:
 PLAN: 1" = 20'
 PROFILE: 1" = 20' HORIZONTAL
 1" = 5' VERTICAL



SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE
1	ADDENDUM #1	5/1/15

PLOT SCALE: 1:1
 PLOT DATE: 5/1/2015
 DRAWN BY: BCS
 CHECKED BY: BCS
 SUBMITTAL DATE: 03/31/15

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UTILITY PLAN AND PROFILE - LOWER I
 BID PACKAGE #1, 100% CD
 325 S. MADISON ST. ROCKFORD, IL
 FILE: 113-005 RECLAIMING FIRST-RODROLL BUILDING SITE DESIGN DRAWING 005 C7.2 UTILITY PROFILE LOWER I
 JOB: 04-15-14-055

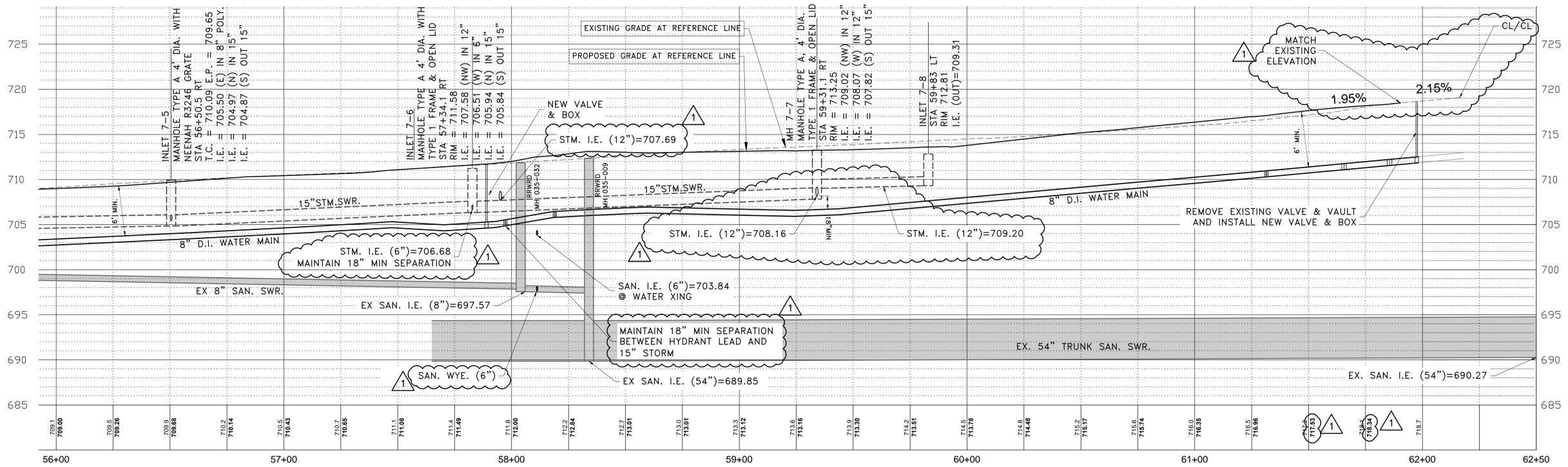
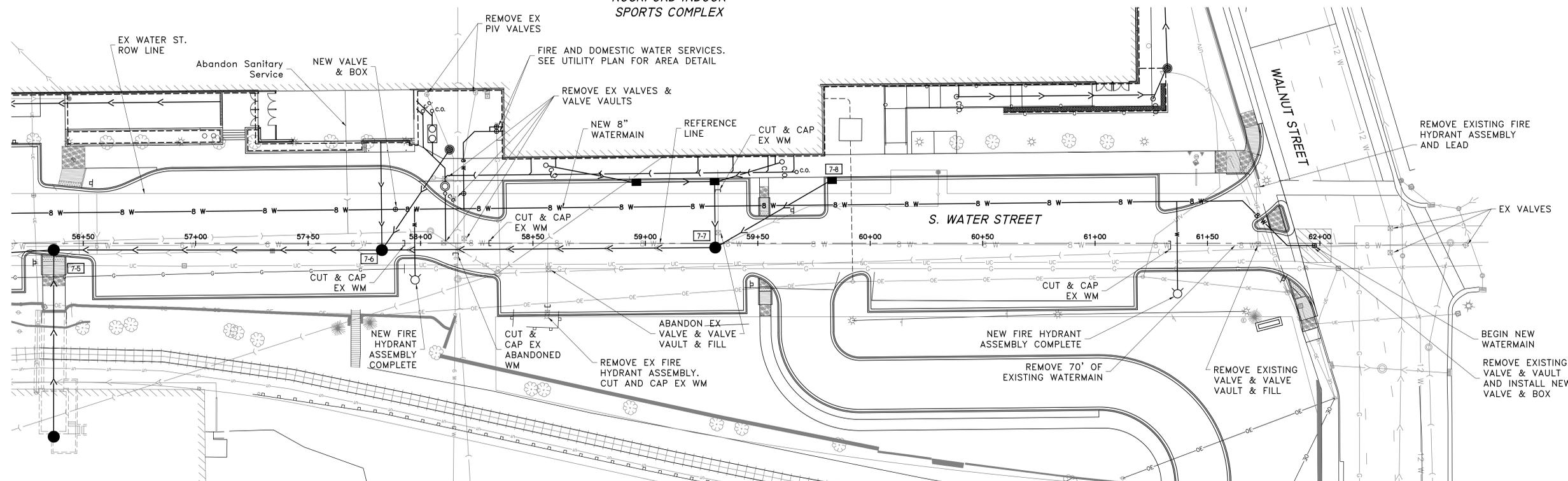
SHEET NO.
C7.2
 OF
94



SCALES:
 PLAN: 1" = 20'
 PROFILE: 1" = 20' HORIZONTAL
 1" = 5' VERTICAL



ROCKFORD INDOOR
 SPORTS COMPLEX



SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE
1	ADDENDUM #1	5/1/15

PLOT SCALE: 1:1
 PLOT DATE: 5/1/2015
 DRAWN BY: BCS
 CHECKED BY: BCS
 SUBMITTAL DATE: 03/31/15

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UTILITY PLAN AND PROFILE - LOWER 2
 BID PACKAGE #1, 100% CD
 325 S. MADISON ST. ROCKFORD, IL
 FILE: 113-005 RECLAIMING FIRST-RODROLL BUILDING SITE DESIGN DRAWINGS-005 C7 2 UTILITY PROFILE LOWER 048
 JOB: 04-15-14-055

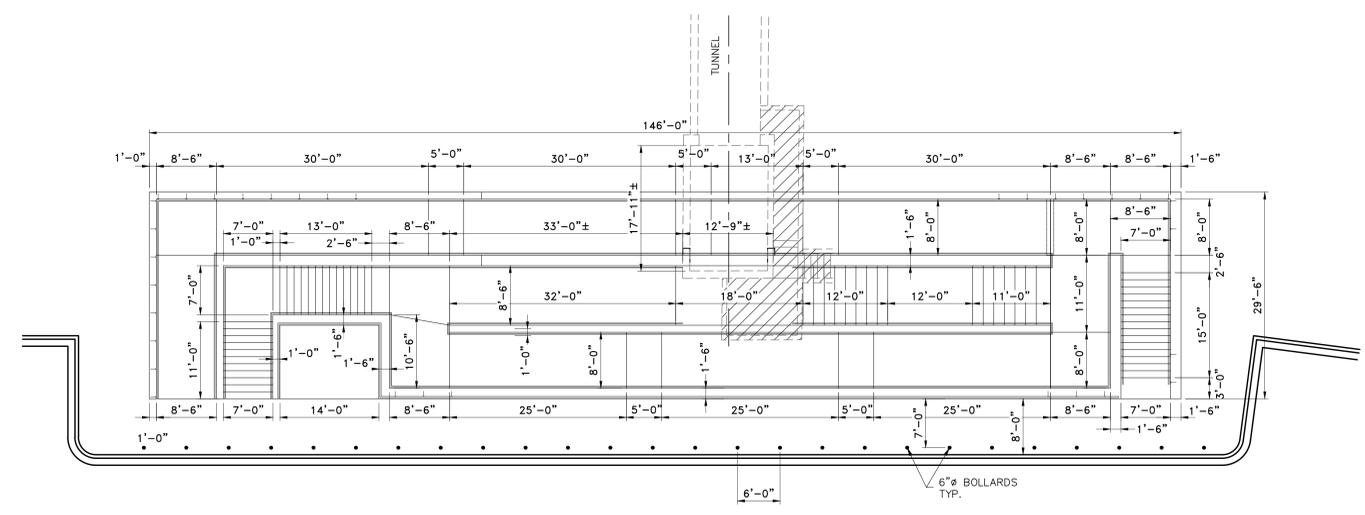
SHEET NO.
 C7.3
 OF
 94



SCALE 1" = 10'
 0 10 20
 SCALE IN FEET

NOTES:

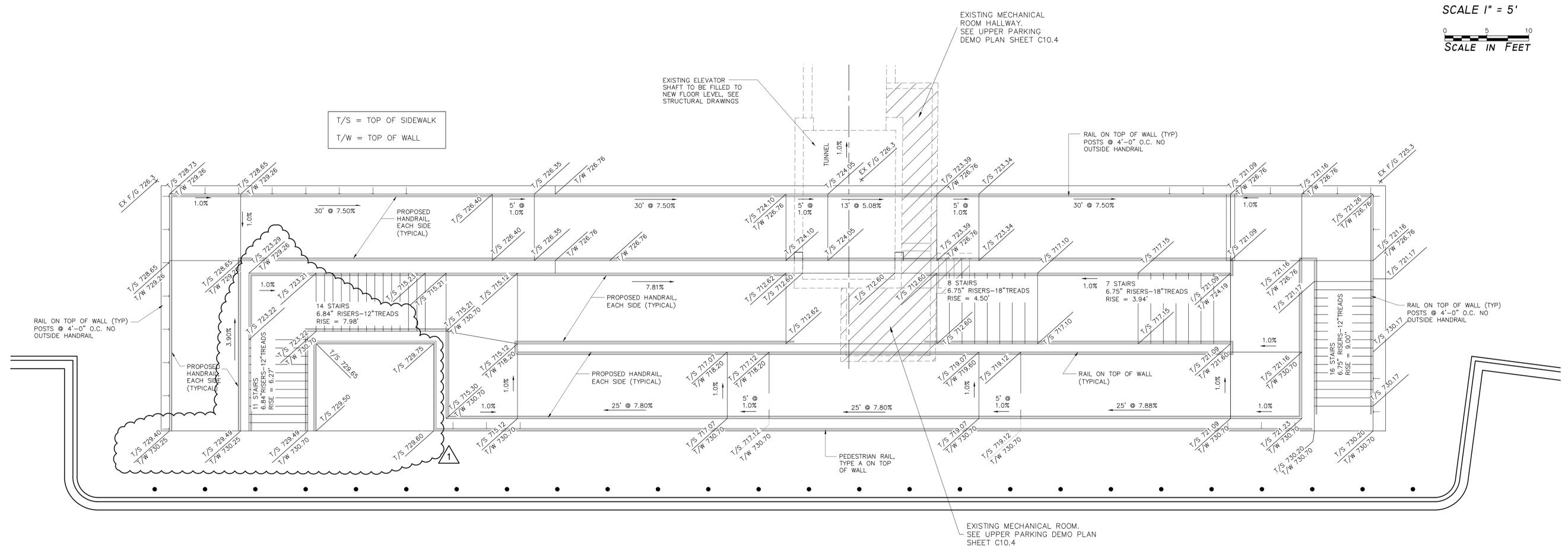
1. It shall be the responsibility of the Contractor to verify all dimensions and conditions existing in the field prior to construction and ordering materials.
2. The concrete shall be constructed as shown in accordance with Section 503 of the "Standard Specifications for Road and Bridge Construction".
3. All exposed edges of concrete walls shall have a 3/4" x 45° chamfer, except as shown otherwise. Chamfers on vertical edges shall be continued a minimum of one foot below finished ground level.
4. Refer to Electrical Plan sheet E2.0 for lighting insets. Provide box-out in sidewalls for flush panels.
5. Non-reinforced concrete sidewalk is paid as P.C.C. Sidewalk 6".
6. Protective Coat shall be applied to all horizontal surfaces including stairs and vertical faces of stairs.
7. All exposed faces of the structural walls shall be given a "rubbed" finish. This work shall be included in the cost of Concrete Structures.



PLAN (ADA RAMP DIMENSIONS)
 SCALE: 1" = 10'



SCALE 1" = 5'
 0 5 10
 SCALE IN FEET



PLAN (FINISHED RAMP ELEVATIONS)
 SCALE: 1" = 5'

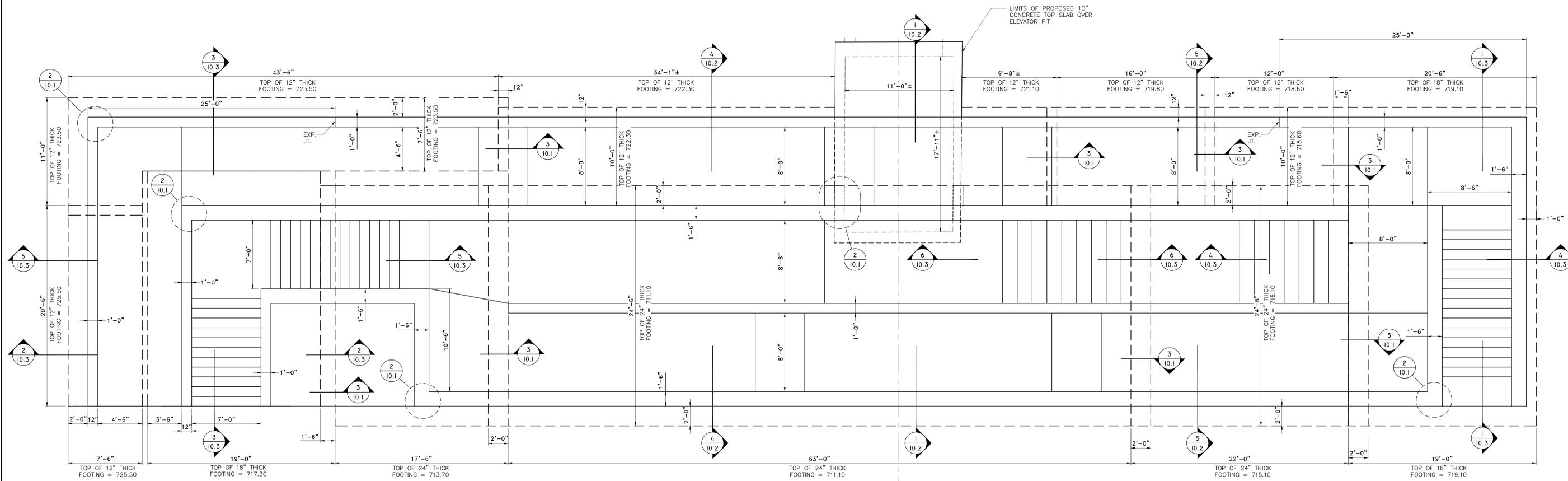
SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE
1	ADDENDUM #1	5/1/15

PLOT SCALE:	1:1
PLOT DATE:	5/1/2015
DRAWN BY:	BCS
CHECKED BY:	BCS
SUBMITTAL DATE:	03/31/15

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UPPER PARKING ADA FLOOR PLAN
 BID PACKAGE #1, 100% CD
 325 S. MADISON ST. ROCKFORD, IL
 FILE: 1103-005 RECLAIMING FIRST-RODROLL BUILDING SITE DESIGN DRAWINGS UPPER SITE 103-005 C10.0 ADA RAMP DWG
 JOB: 04-15-14-055

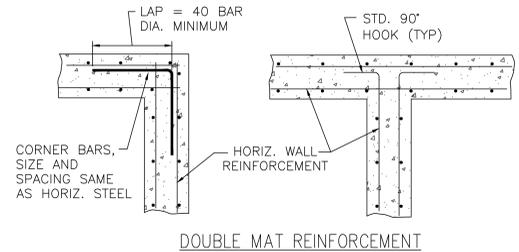


NOTES:

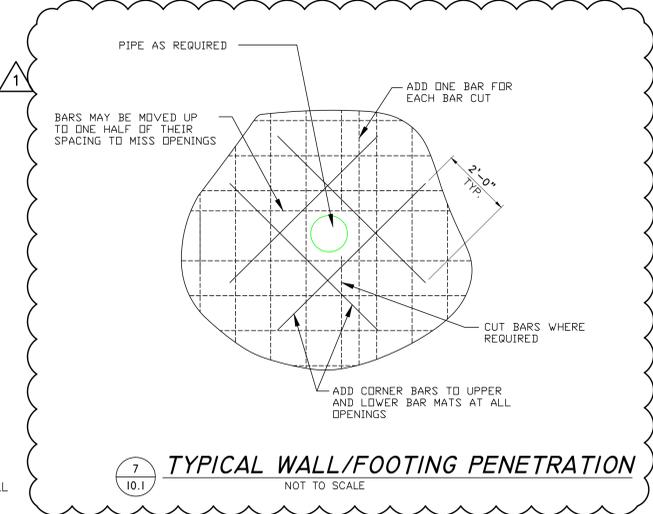
1. ALL WORK SHALL CONFORM TO ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. IN PARTICULAR, SECTION 503 FOR CONCRETE STRUCTURES.
2. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 4500 PSI AT 28 DAYS, MINIMUM, A MAXIMUM SLUMP OF 4 INCHES AND AIR ENTRAINED 6%±2%.
3. REINFORCEMENT BARS SHALL MEET THE REQUIREMENTS OF ASTM A615, F_y = 60 KSI, DEFORMED BARS
4. 3/4" CHAMFER ALL EXPOSED EDGES.
5. CONCRETE FINISHES SHALL BE A RUBBED FINISH ON ALL EXPOSED FACES.
6. ALL CONSTRUCTION JOINTS SHALL BE BONDED.
7. ALLOWABLE SOIL BEARING PRESSURE AT TOE IS TO BE 1500 PSF. FIELD VERIFY AT TIME OF CONSTRUCTION.
8. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION.

EXCAVATION NOTES:

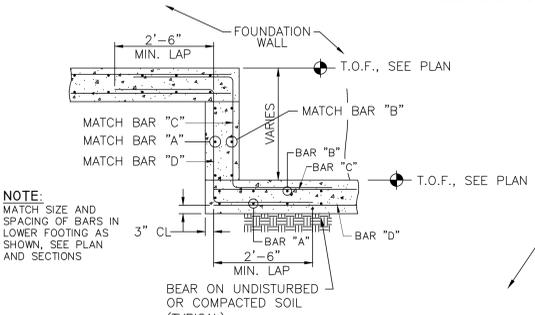
1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE EXISTING PAVEMENT, BUILDING AND FOUNDATIONS FROM UNDERMINING DURING THE EXCAVATION AND CONSTRUCTION OF THE RETAINING WALLS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS AND SEQUENCE TO PERFORM ALL WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS INCLUDING TEMPORARY BRACING/SHORING DURING CONSTRUCTION. PARTICULAR ATTENTION SHOULD BE GIVEN TO NOT UNDERMINE THE EXISTING RAILROAD OR ENCRONCH ON THE EXISTING RIGHT-OF-WAY.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PAY FOR REPAIRS OR REPAIR ANY DAMAGE CAUSED BY THE CONTRACTOR DUE TO THIS WORK.
4. THE CONTRACTOR SHALL DESIGN HIS/HER OWN BRACED EXCAVATION BEFORE COMMENCING WORK.
5. BACKFILL BEHIND THE RETAINING WALLS SHALL BE PLACED TO THE LINES AND GRADES AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL TAKE CARE TO ENSURE USE OF SUITABLE MATERIAL AND PROPER COMPACTION OF ALL FILL AREAS. COMPACTION SHALL BE PERFORMED WITH A LOOSE THICKNESS OF NO MORE THAN 8" AND EACH LIFT SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698), TAKING CARE NOT TO OVERCOMPACT THE SOIL DIRECTLY BEHIND THE WALL. SOIL MOISTURE SHALL BE WITHIN -2 TO +3% OF OPTIMUM.



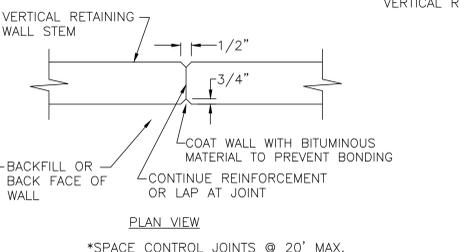
2 10.1 **TYPICAL WALL CORNER DETAIL**
NOT TO SCALE



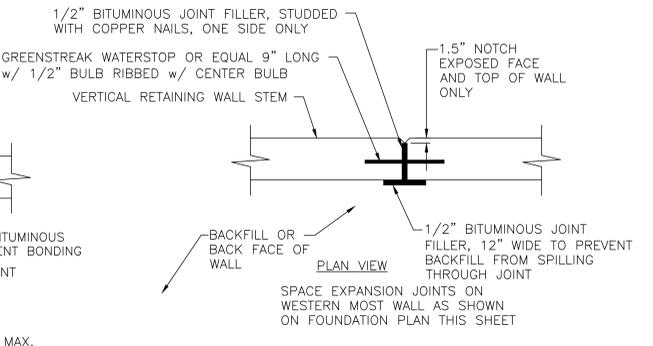
7 10.1 **TYPICAL WALL/FOOTING PENETRATION**
NOT TO SCALE



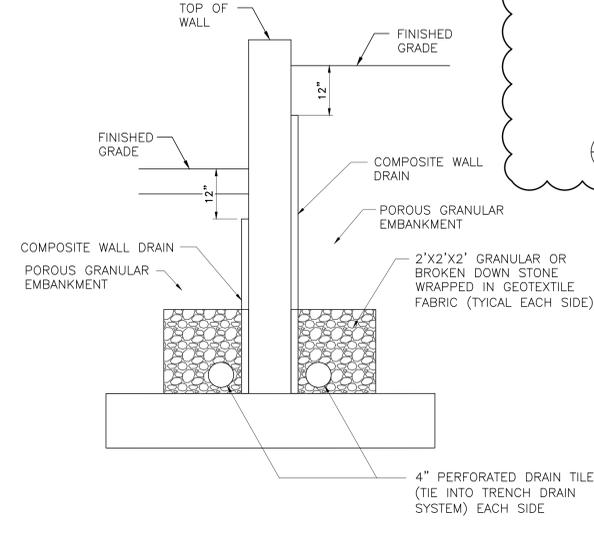
3 10.1 **TYPICAL STEP FOOTING DETAIL**
NOT TO SCALE



4 10.1 **TYPICAL CONTROL JOINT DETAIL**
NOT TO SCALE



5 10.1 **TYPICAL EXPANSION JOINT DETAIL**
NOT TO SCALE



6 10.1 **TYPICAL DRAIN TILE DETAIL**
NOT TO SCALE

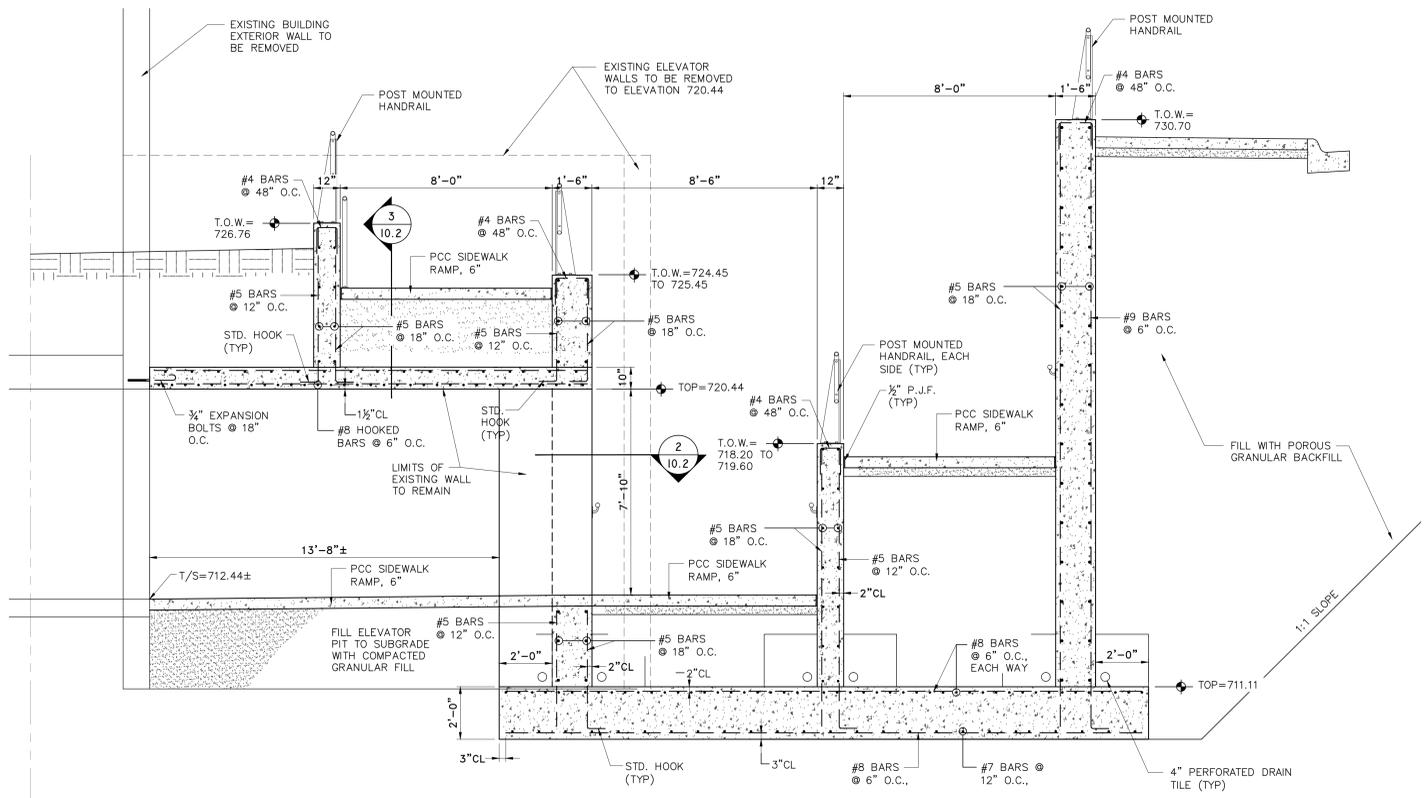
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AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE
1	Addendum #1	5/1/15

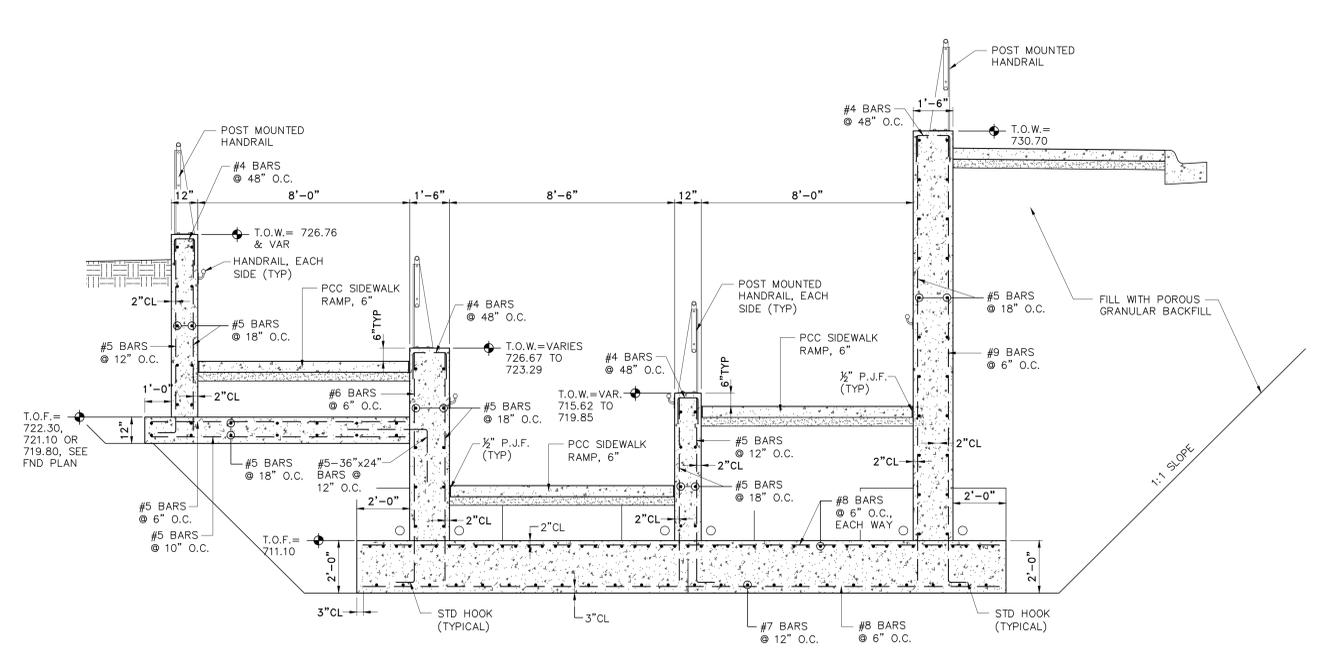
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PLOT DATE:	5/1/2015
DRAWN BY:	BCS
CHECKED BY:	BCS
SUBMITTAL DATE:	03/31/15

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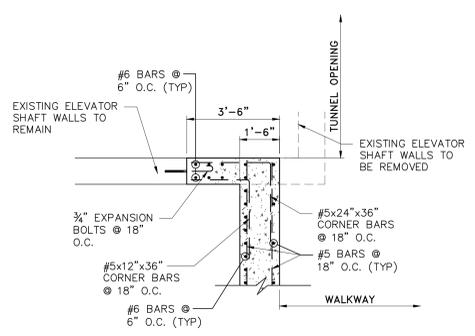
UPPER PARKING ADA FOUND. PLAN
BID PACKAGE #1, 100% CD
325 S. MADISON ST.
ROCKFORD, IL
FILE: 113-005 RECLAIMING FIRST-ROCKFORD BUILDING SITE DESIGN DRAWINGS UPPER SITE 113-005 CO. 0 ADA RAMP.DWG
JOB: 04-15-14-055



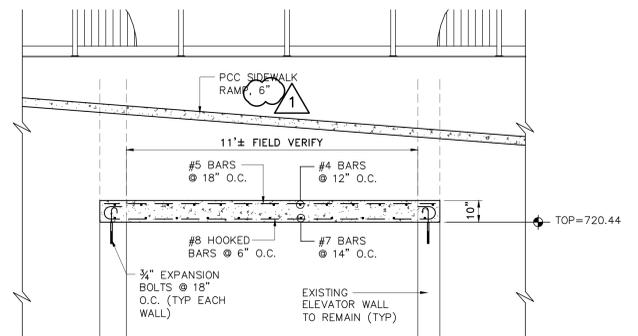
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10.2
TYPICAL SECTION AT EXISTING TUNNEL
SCALE: 3/8" = 1'-0"



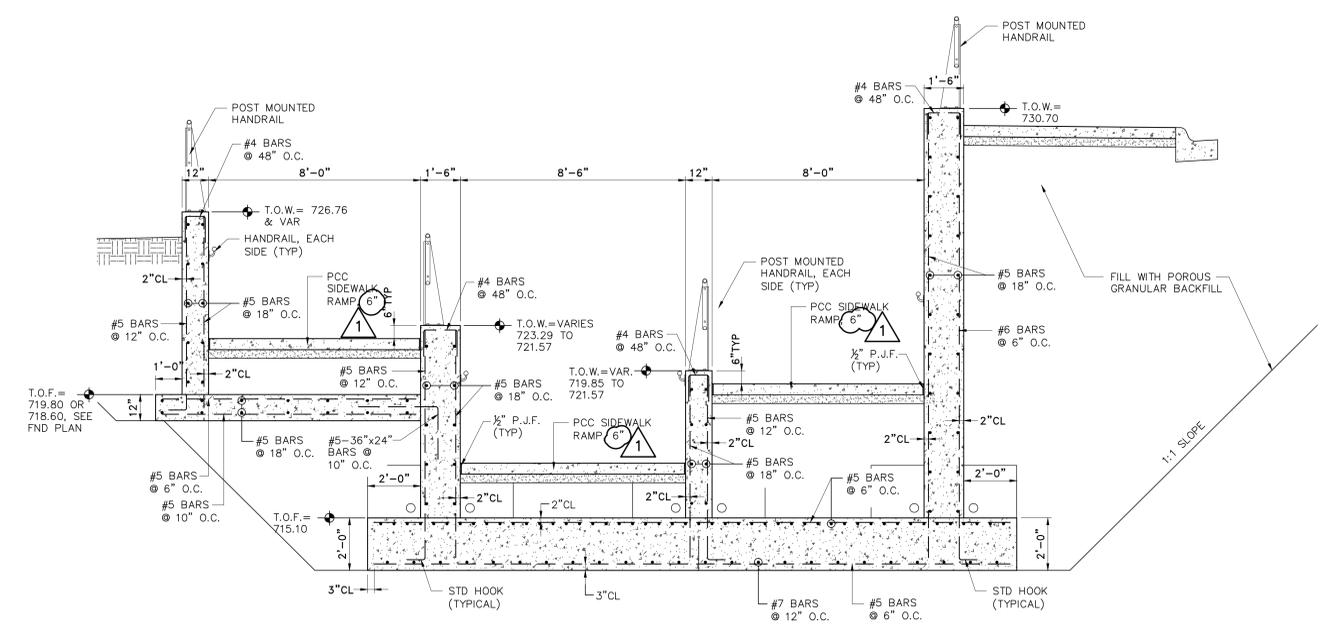
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10.2
TYPICAL SECTION
SCALE: 3/8" = 1'-0"



2
10.2
TYPICAL SECTION
SCALE: 3/8" = 1'-0"



3
10.2
TYPICAL SECTION
SCALE: 3/8" = 1'-0"



5
10.2
TYPICAL SECTION
SCALE: 3/8" = 1'-0"

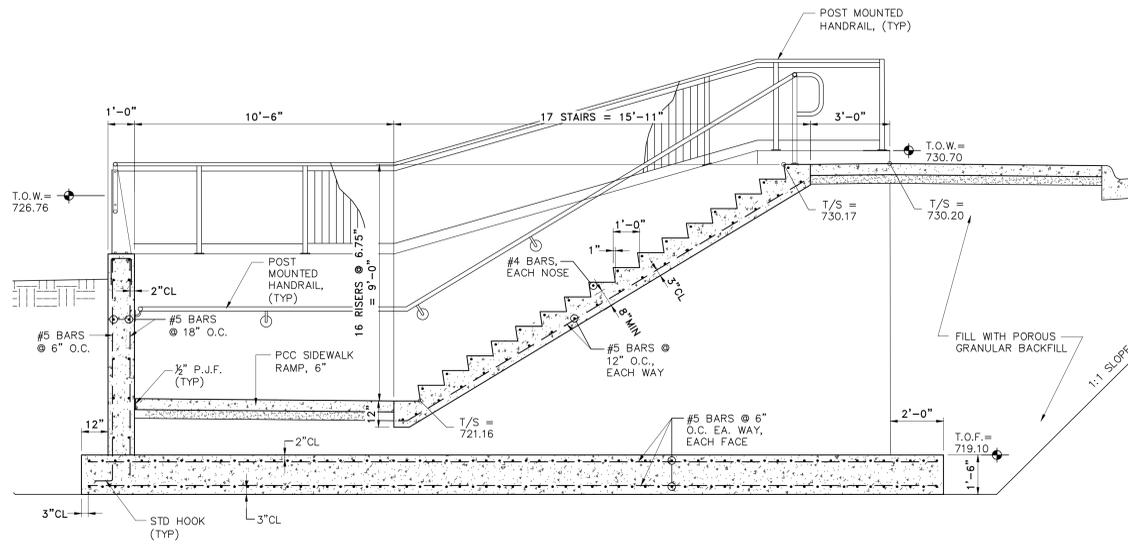
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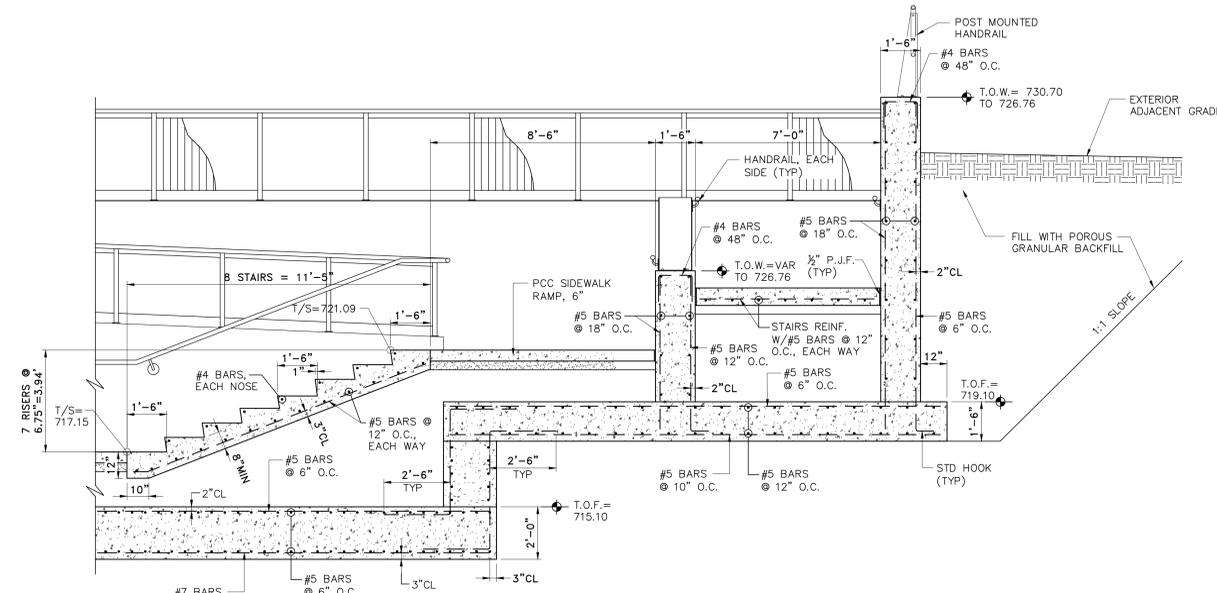
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PLOT DATE:	5/1/2015
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SUBMITTAL DATE:	03/31/15

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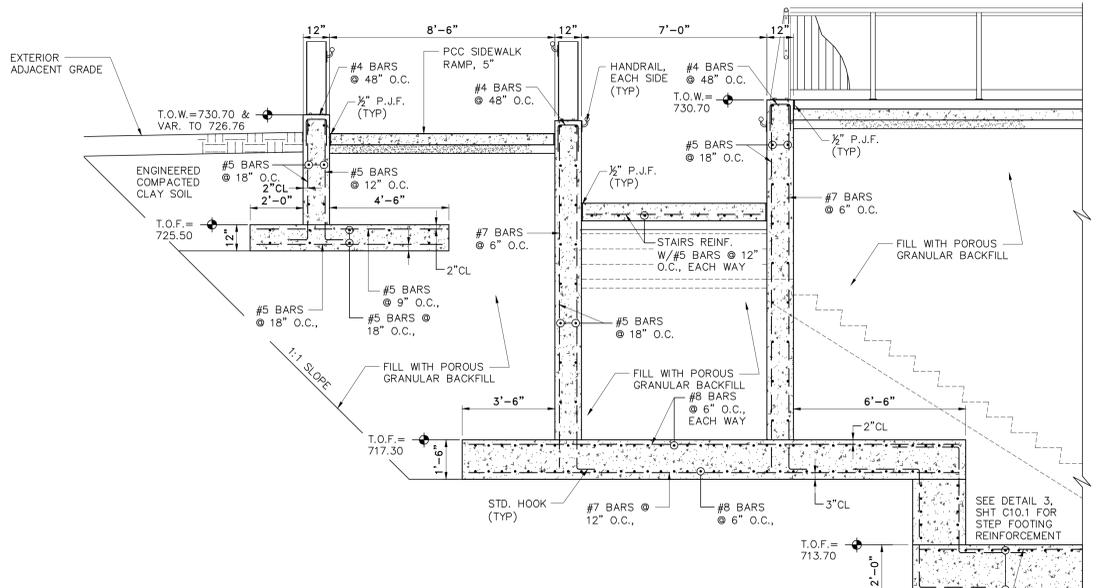
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325 S. MADISON ST.
ROCKFORD, IL
FILE: 110-005 RECLAIMING FIRST-ROCKFORD BUILDING SITE DESIGN DRAWINGS UPPER SITE 10-05 ADA RAMP DWG
JOB: 04-15-14-055



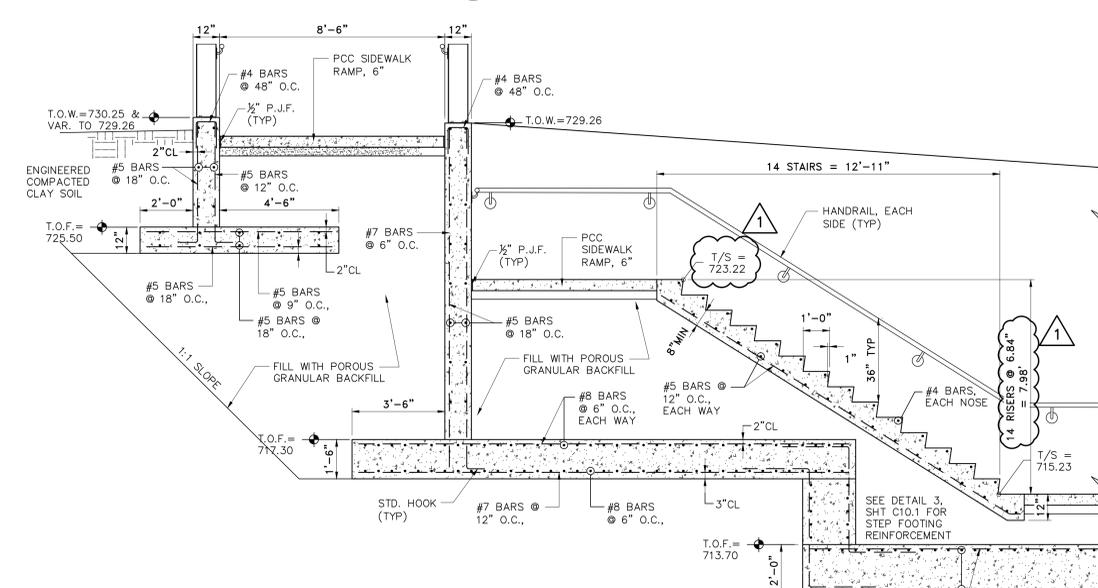
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10.3
TYPICAL SECTION
SCALE: 3/8" = 1'-0"



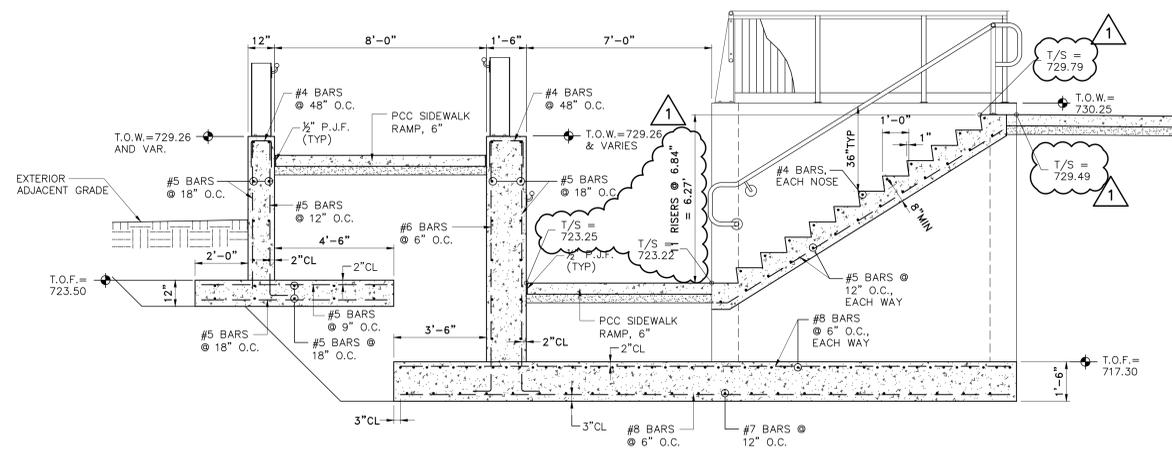
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10.3
TYPICAL SECTION
SCALE: 3/8" = 1'-0"



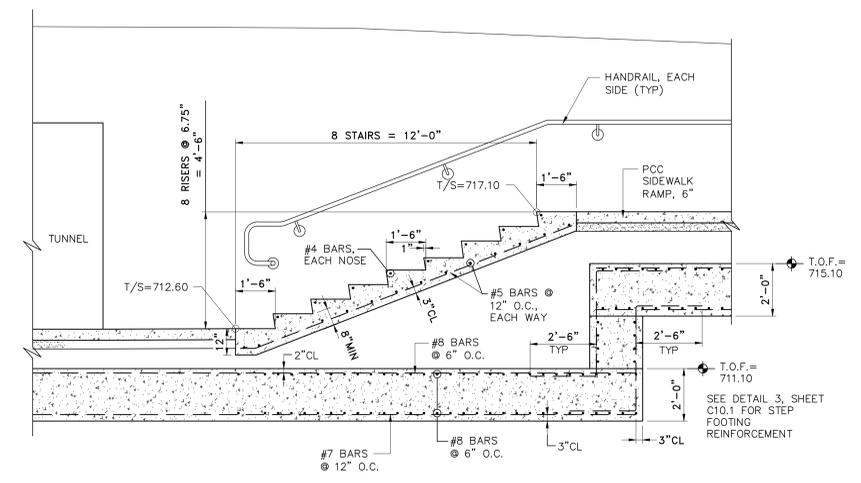
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10.3
TYPICAL SECTION
SCALE: 3/8" = 1'-0"



5
10.3
TYPICAL SECTION
SCALE: 3/8" = 1'-0"



3
10.3
TYPICAL SECTION
SCALE: 3/8" = 1'-0"



6
10.3
TYPICAL SECTION
SCALE: 3/8" = 1'-0"

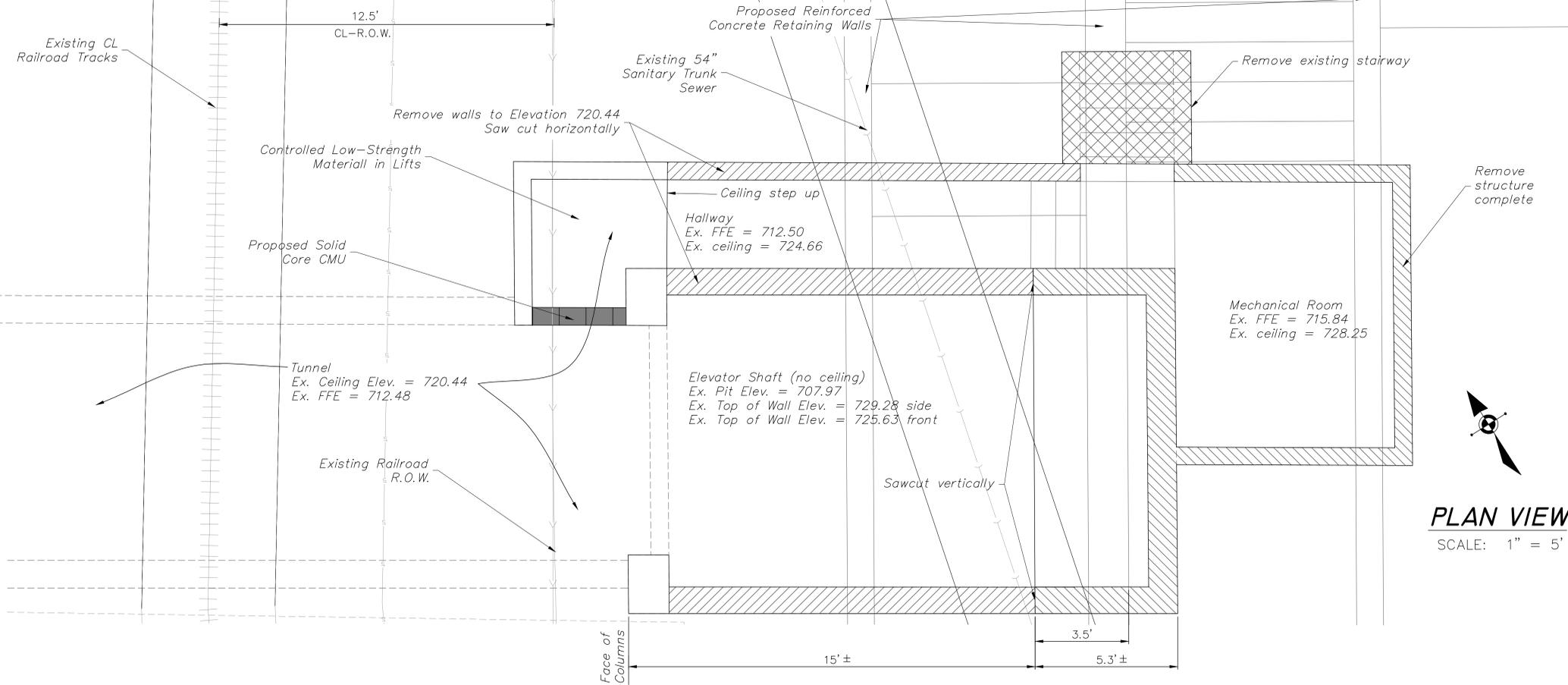
SHEET REVIEW	
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NO.	ITEM	DATE
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PLOT SCALE:	1:1
PLOT DATE:	5/1/2015
DRAWN BY:	BCS
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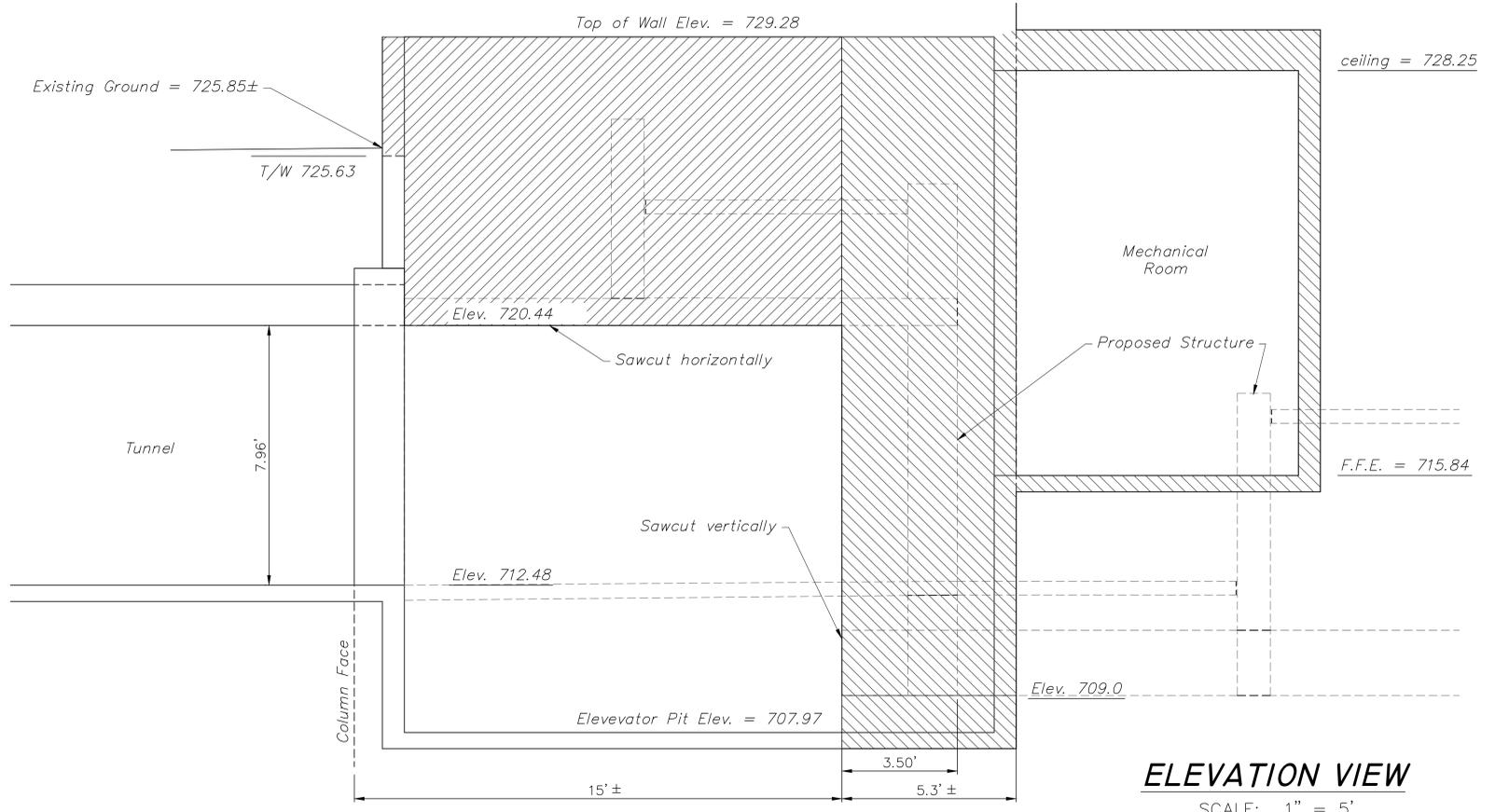
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BID PACKAGE #1, 100% CD
325 S. MADISON ST.
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FILE: 110-005 RECLAIMING FIRST-RODROLL BUILDING SITE DESIGN DRAWINGS UPPER SITE 005-005 ADA RAMP.DWG
JOB: 04-15-14-055



PLAN VIEW
SCALE: 1" = 5'

Demolition Notes:

1. Brace Walls 48"± o.c. prior to removal of ceiling unless soil pressure is removed from outside of walls.
2. Contractor shall submit a demolition sequence plan prior to removing walls or ceilings.



ELEVATION VIEW
SCALE: 1" = 5'

Legend:

- Removal - Horizontal Sawcut Elevation 720.44
- Removal - Vertical Sawcut
- Total Removal

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE
1	ADDENDUM #1	5/1/15

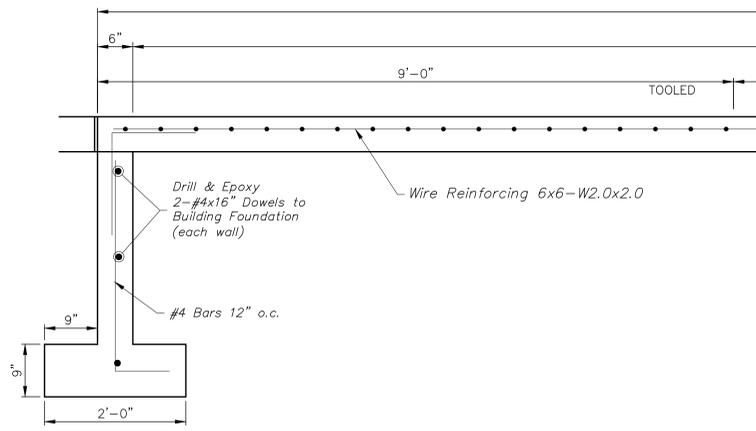
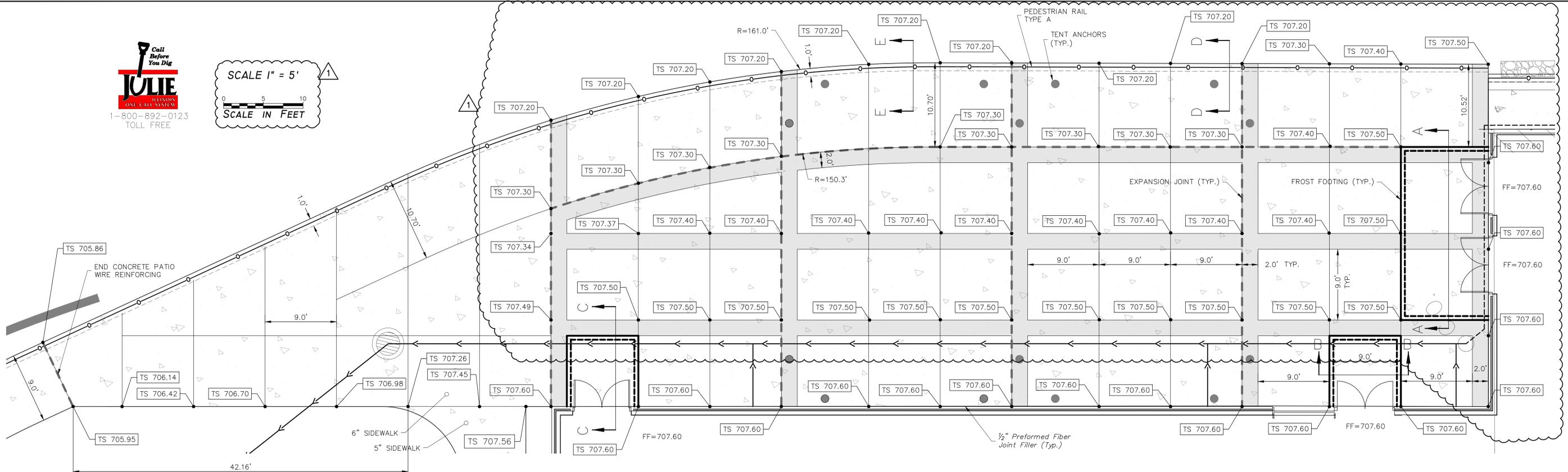
PLOT SCALE:	1:1
PLOT DATE:	5/1/2015
DRAWN BY:	BCS
CHECKED BY:	BCS
SUBMITTAL DATE:	03/31/15

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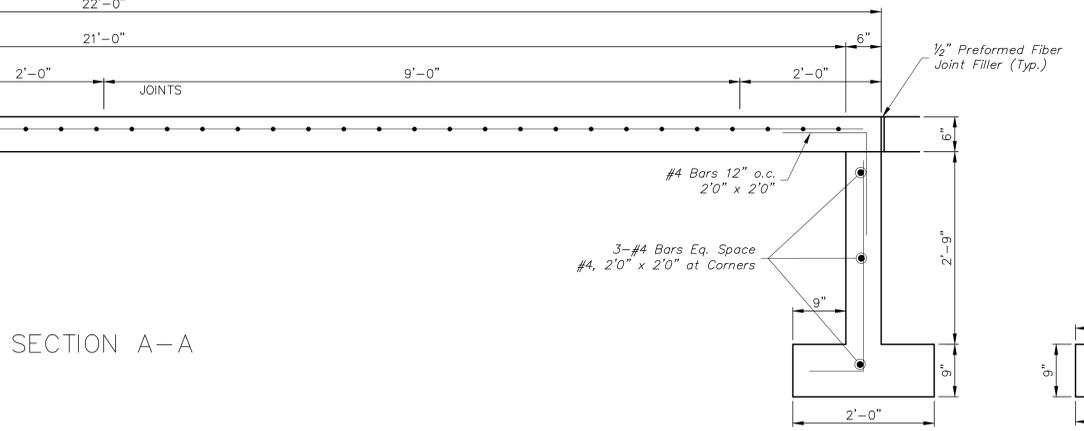
UPPER PARKING ADA DEMO
BID PACKAGE #1, 100% CD
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FILE: 113-005 RECLAIMING FIRST-ROCKROLL BUILDING SITE/DESIGN/DRAWING/UPPER SITE/13-005 CO.0 ADA RAMP.DWG
JOB: 04-15-14-055



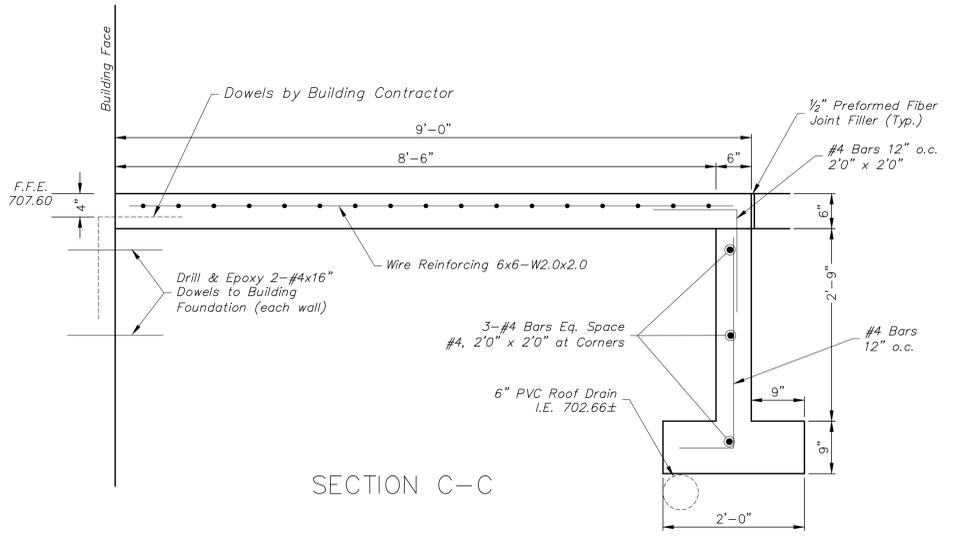
SCALE 1" = 5'
SCALE IN FEET



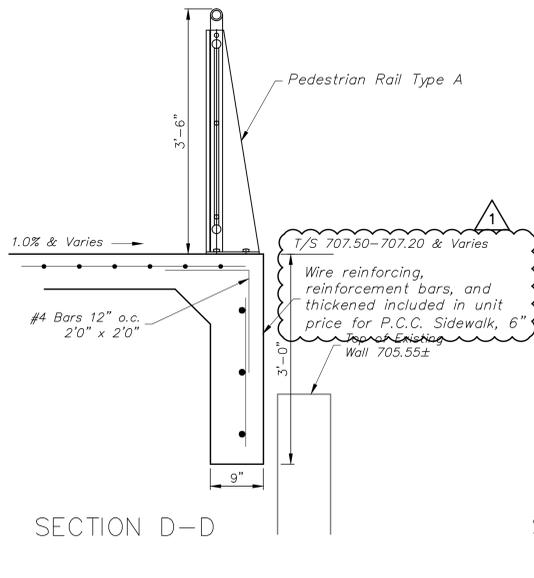
SECTION A-A



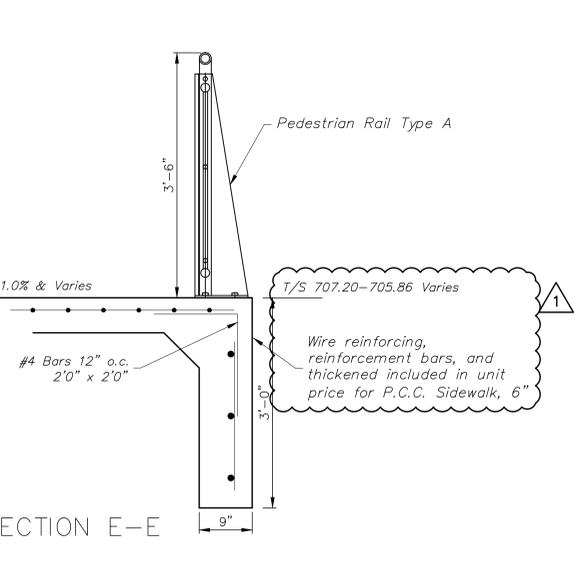
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

- LEGEND**
- TENT ANCHOR
 - FROST FOOTING
 - - - EXPANSION JOINT
 - ▨ EXPOSED AGGREGATE CONCRETE FINISH
 - TS 777.00 SPOT ELEVATION
 - ← PROPOSED STORM SEWER

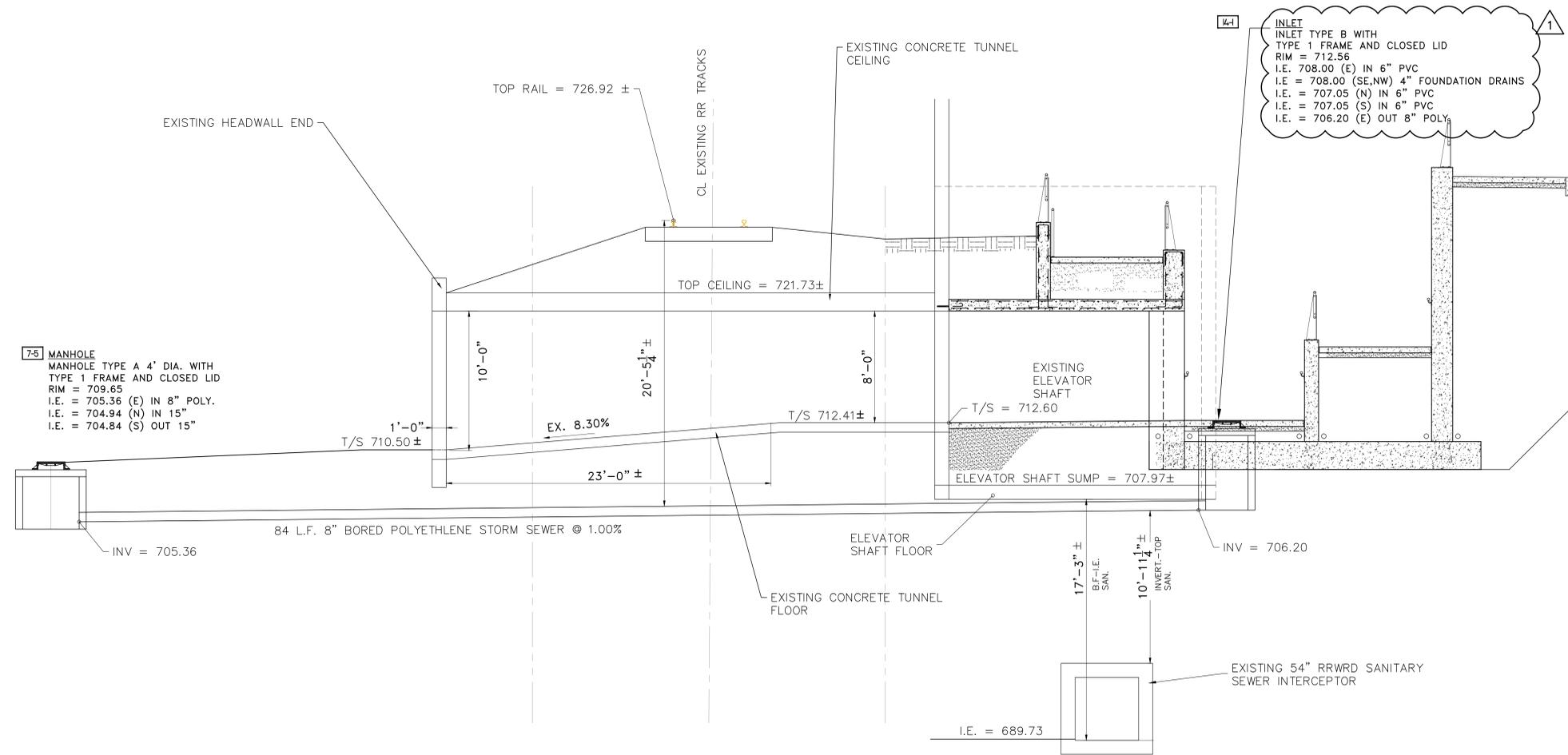
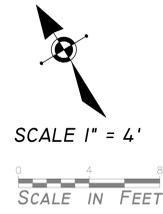
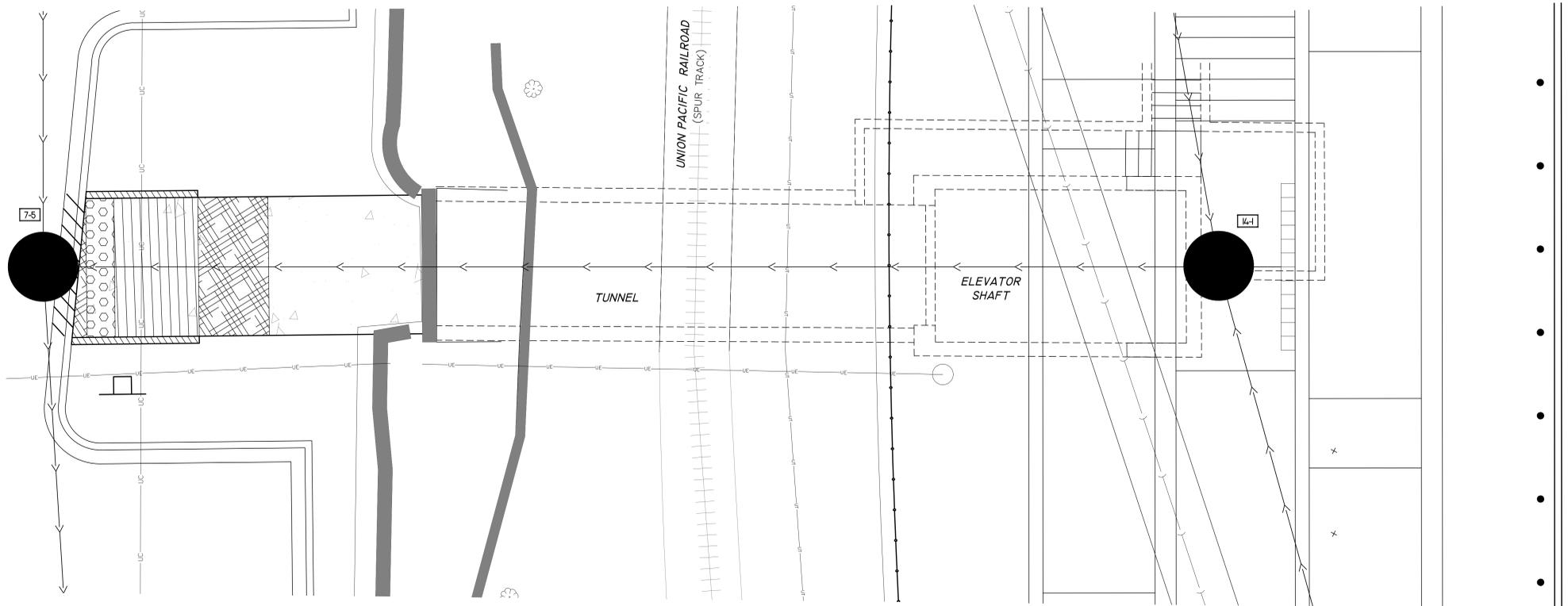
SHEET REVIEW	
AGENCY	DATE

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PLOT SCALE: 1:1
PLOT DATE: 5/1/2015
DRAWN BY: BCS
CHECKED BY: BCS
SUBMITTAL DATE: 03/31/15

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PATIO DETAILS
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JOB: 04-15-14-055



1 8" BORED STORM SEWER PROFILE
SCALE: 1" = 4'

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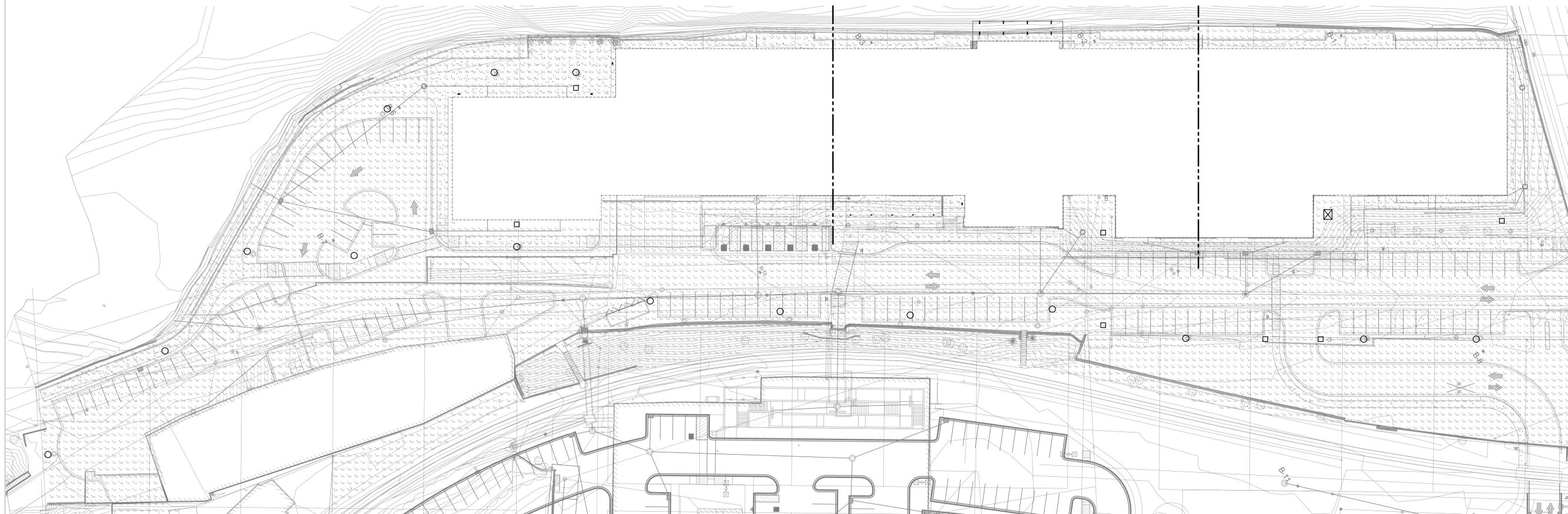
SITE DETAILS - STORM SEWER TUNNEL PROFILE
325 S. MADISON ST. BID PACKAGE #1, 100% CD ROCKFORD, IL
FILE: 113-005 RECLAIMING FIRST-RODROLL BUILDING SITE/DESIGN/DRAWINGS/UPPER SITE/13-005 CO.0 STORM SEWER BORING DETAIL.DWG JOB: 04-15-14-055

POINT-BY-POINT CALCULATIONS					
AREA	AVERAGE	MAXIMUM	MINIMUM	MAX/MIN	AVERAGE/MIN
FRONT RAMP	4.2 FC	22.8 FC	0.4 FC	57.1:1	10.5:1
PARKING LOT	2.0 FC	9.9 FC	0.2 FC	49.5:1	10.0:1
RIVERWALK	4.5 FC	5.0 FC	1.5 FC	3.3:1	3.0:1



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INGERSOLL SPORTS
COMPLEX**

ROCKFORD, IL

SCD Project No.: 1239

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Issues/Revisions:	Date:
Bid Pack 1 75% CD	09/26/14
Bid Pack 1 100% CD	03/31/15

SOUTH CENTRAL NORTH



**SITE PLAN - LIGHT
LEVELS**

1 SITE PLAN - LIGHT LEVELS
1" = 30'-0"

E1.1

Plant List

Code	Botanical Name	Common Name	Size	Qty	
Shade Trees					
ARA2.5	Acer rubrum 'Autumn Flame'	Autumn Flame Red Maple	2 1/2" C	9	
GTK2.5	Gleditsia triacanthos var. inermis 'Skyline'	Skyline Thornless Honeylocust	2 1/2" C	10	
PLB2.5	Platanus x acerifolia 'Bloodgood'	Bloodgood London Planetree	2 1/2" C	6	
QBI2.5	Quercus bicolor	Swamp White Oak	2 1/2" C	2	
QCI2.5	Quercus coccinea	Scarlet Oak	2 1/2" C	2	
TCG2.5	Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden	2 1/2" C	1	
				30	
Intermediate Trees					
AMA.06	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	6' HT	6	
				6	
Evergreen Trees					
POM.06	Picea omorika	Serbian Spruce	6' HT	6	
				6	
Deciduous Shrubs					
AMM18	Aronia melanocarpa 'Morton'	Iroquois Beauty™ Black Chokeberry	18" HT	42	
HYL36	Hydrangea paniculata 'Limelight'	Limelight Panicle Hydrangea	36" HT	14	
IVL18	Itea virginica 'Little Henry'	Little Henry Sweetspire	18" HT	23	
s1	VDH36	Viburnum dentatum 'Christom'	Blue Muffin Arrowwood Viburnum	36" HT	50
				129	
Evergreen Shrubs					
JCK18	Juniperus chinensis 'Kallay Compact'	Kallay Compact Chinese Juniper	18" HT	32	
s1	JSG36	Juniperus chinensis 'Sea Green'	Sea Green Juniper	36" HT	17
TOT.06	Thuja occidentalis 'Techny'	Techny American Arborvitae	6' HT	5	
				54	
Broadleaf Evergreens					
BGV18	Buxus x 'Green Velvet'	Green Velvet Boxwood	18" HT	41	
				41	
Groundcovers					
HHT3	Hedera helix 'Thorndale'	Thorndale English Ivy	3" POT	590	
LSP3	Liriope spicata	Creeping Lilyturf	3" POT	101	
PTG3	Pachysandra terminalis 'Green Carpet'	Green Carpet Japanese Pachysandra	3" POT	697	
				1388	
Perennials					
GAL6	Geranium sanguineum 'Alpenglow'	Alpenglow Bloody Cranesbill	1 GAL	69	
HHR6	Hemerocallis 'Happy Returns'	Happy Returns Daylily	1 GAL	340	
HBE6	Hosta 'Cherry Berry'	Cherry Berry Hosta	1 GAL	48	
HOG6	Hosta 'Guacamole'	Guacamole Hosta	1 GAL	12	
HJUB	Hosta 'June'	June Hosta	1 GAL	12	
				481	
s1	21-Apr-15	Permitting Review Comments			

General Planting Notes

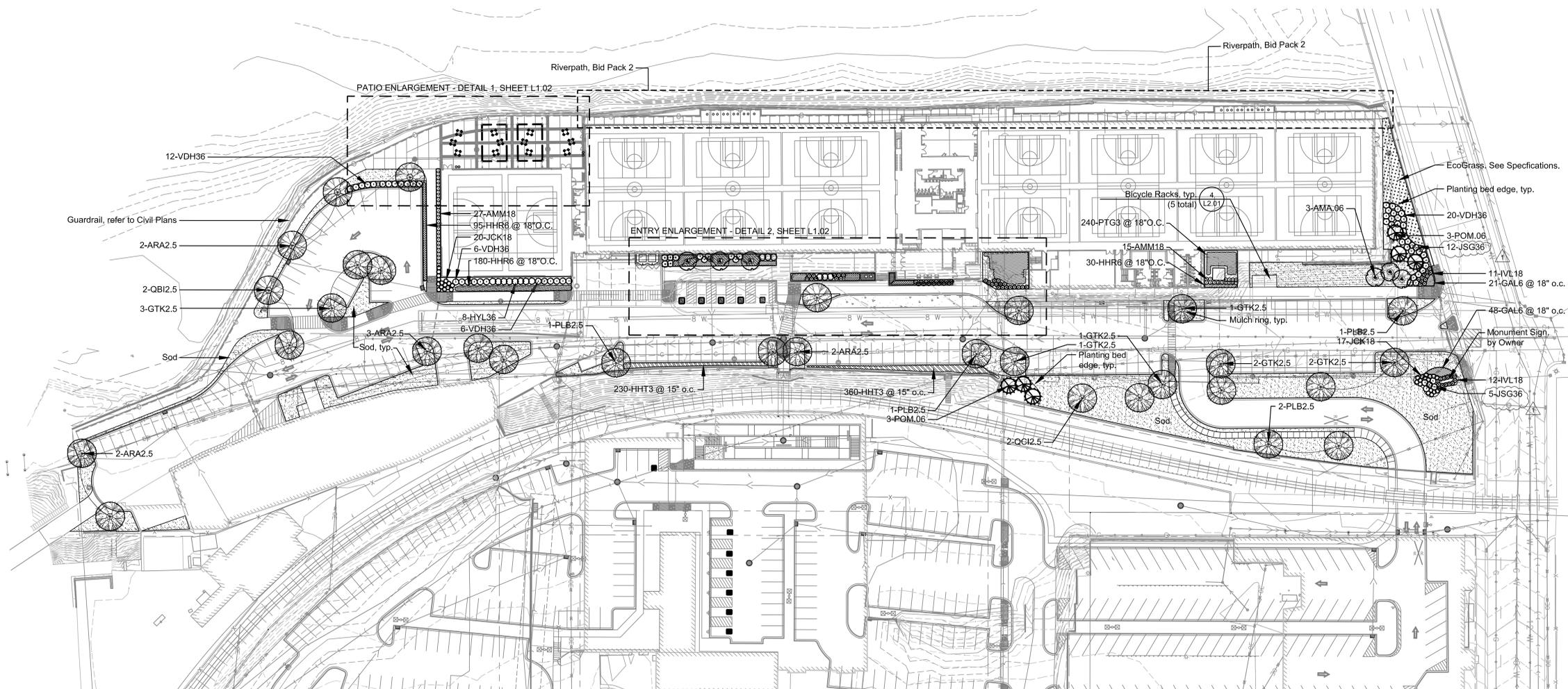
- Seed limit line is approximate. Seed to limits of grading and disturbance. Contractor responsible for restoration of any unauthorized disruption outside of designated construction area.
- Contractor responsible for erosion control in all seeded areas. See civil plans for erosion control product specifications.
- Landscape contractor to remove silt fence from site after seed germination.
- Tree mulch rings in turf areas are 5 foot diameter, typical. Contractor shall provide a mulch ring around all existing trees within the limit of work. Remove all existing grass from area to be mulched and provide a typical v-trench edge.
- Bedlines are to be spade cut to a minimum depth of 3 inches unless otherwise shown on the plans. Curved bedlines are to be smooth and not segmented.
- Trees shall be installed a minimum of five (5) feet horizontally from underground electrical feeders, sanitary sewers, sanitary services, water mains, and water services. Trees shall be installed a minimum of ten (10) feet horizontally from utility structures and appurtenances, including, but not limited to, manholes, valve vaults, valve boxes and fire hydrants. No trees, shrubs, or obstacles will be allowed 10' in front of, 5' on the sides, and 7' to the rear of the electrical transformer. Prior to tree planting, water mains to be J.U.L.I.E. located and planting locations adjusted to meet minimum separations.
- Trash receptacles, transformers, and air conditioning units will be properly screened in accordance with applicable zoning ordinances.
- Plants and other materials are quantified and summarized for the convenience of the Owner and jurisdictional agencies only. Confirm and install sufficient quantities to complete the work as drawn and specified. No additional payments will be made for materials required to complete the work as drawn and specified.
- All planting beds to receive 24" depth amended topsoil and 3" depth shredded hardwood mulch.



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ROCKFORD, IL

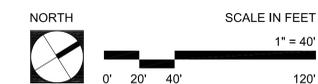
SCD Project No.: 1236

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1 Permitting Review	04/21/15

OVERALL LANDSCAPE PLAN

CHECKED BY: EFH
DRAWN BY: DEU



L1.01