

Addendum No. 2 Page 1 of 4

DATE: June 25, 2015

Joliet Junior College 1215 Houbolt Road Joliet, IL 60431

TO:Prospective RespondentsSUBJECT:Addendum No. 2PROJECT NAME:Multipurpose Building Bid Release 1JJC PROJECT NO.:B15017

This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding document as posted on the JJC website. *Acknowledge receipt of this addendum as instructed on the last page.* FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

Bidding Requirements:

- **1.** The location of the bid opening has changed to A-3104, located on the third floor of A-Building.
- **2.** Bids will still need to be submitted before 9:00am on July 7, 2015 on the forms provided on the College's website in a sealed envelope addressed to the Director of Business & Auxiliary Services, A-Building room A-3100, plainly marked, with the bidder's name and address and the notation:

BID: BID RELEASE 1- MULTIPURPOSE FACILITY: M-02A EXCAVATION, GRADING AND SITE UTILITIES

OR

BID: BID RELEASE 1- MULTIPURPOSE FACILITY: M-03A CONCRETE WORK

Questions Submitted:

 The demolition sheets show curb removal along the western edge of the parking lot but only short sections at the north and south being replaced with new curb. Can you confirm that the sidewalk along this alignment should be PCC Barrier Sidewalk per detail on Sheet C7.1? All carriage walks on campus are to be the PCC Barrier Sidewalk. At the north and south ends of the turnout area the curb needs to transition between the PCC Barrier Sidewalk into the curb and gutter of the parking lot.

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- 2. There appears to be differences between the work limits shown on the Civil plans vs. sheet AS1.00. Can you confirm that the Civil Drawings will be used to define the work limits? If you are referring to work in contract vs work not in contract, these work limits are not defined on sheet AS1.00; general note 2 states to refer to the Civil drawings for extents of proposed work. If you are referring to extents of work between trade packages, none of the drawings indicate this; refer to scope definitions in project manual.
- 3. The civil plans do not show or detail any ADA panels in the sidewalks -Are any required? Yes – sheet C5.1 indicates ADA ramps with detectable warning surfaces at the sidewalk abutting the parking lot.
- 4. Can you provide more detail or an explanation of the "1" Reveal Between Pads with a Broom Finish" as stated on Drawings AS1.00.

For the two patio areas shown on the east side of the building, the design intent is that each concrete tile (roughly 8x8 ft.) is separated by a 1 inch gap. The surface of each tile will have a broom finish.

- Drawing AS1.00 states that a dashed line denotes a control joint -Should this be an expansion joint?
 This should be an expansion joint.
- Can you provide details on Colors 1, 2 and 3? Will this work be in the Site Concrete scope of work?
 See attached specification section 03 35 19 and revised AS1.00 for extents of color. There is

colored concrete in the scope of both Bid Packages; M-02A for site pavement and M-03A for the main entry stoop.

- Are the Structural concrete stoops in the Site Concrete Bid Package? They appear to be tied into the foundation wall?
 Structural concrete stoops are part of Bid Package M-03A.
- 8. Drawing AS1.00 shows a concrete curb (scales 36" wide and noted to be Color 3) on the east side of the building at the north and south ends. The civil and structural drawings do not show or detail this. Can you provide information on what this is and what bid package the work is to be included?

See revised Civil drawings, attached. Planter curbs are part of Bid Package M-02A.

 As a follow-up to Question No. 8, there is a note on AS1.00 stating that the top of curb should align with the top of the foundation wall - -No curb is shown in this location on the Civil plans - -Can you provide information on this?
 See revised Civil drawings, attached.

And the Earthwork –

- Given the tight schedule, time of year etc. Should the building pad be filled with imported stone or use on-site clay. The on-site clay exhibits high moisture content and will require extensive drying to reach optimum.
 Per the geotech report, either method is acceptable. However, if the silty clay is utilized as engineered fill, the contractor should be prepared to implement discing or other drying techniques prior to using it as compacted fill.
- If the excess soil at the site is topsoil, will this material be acceptable for use at Site No. 2 or should it be hauled and disposed?
 Per Addendum 1, Clarification 2, do not include export of material to Site No. 2. Excess material should be properly disposed off site.

Drawing Revisions:

- 1. Sheet AS1.00 Site Paving Geometry Plan
- 2. Sheet C3.1 Proposed Site Improvement Plan
- 3. Sheet C5.1 Proposed Site Geometry Plan
- 4. C6.1 Erosion Control Plan
- 5. C7.1 General Notes And Construction Details

Added Specifications:

033519 Integrally Colored Concrete Finishing

End of Addendum #2



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Prospective Respondents	
Addendum No. 2	
Multipurpose Building Bid Release 1	
B15017	

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Issued by:

Janice Reedus Director of Business & Auxiliary Services Joliet Junior College 815.280.6643

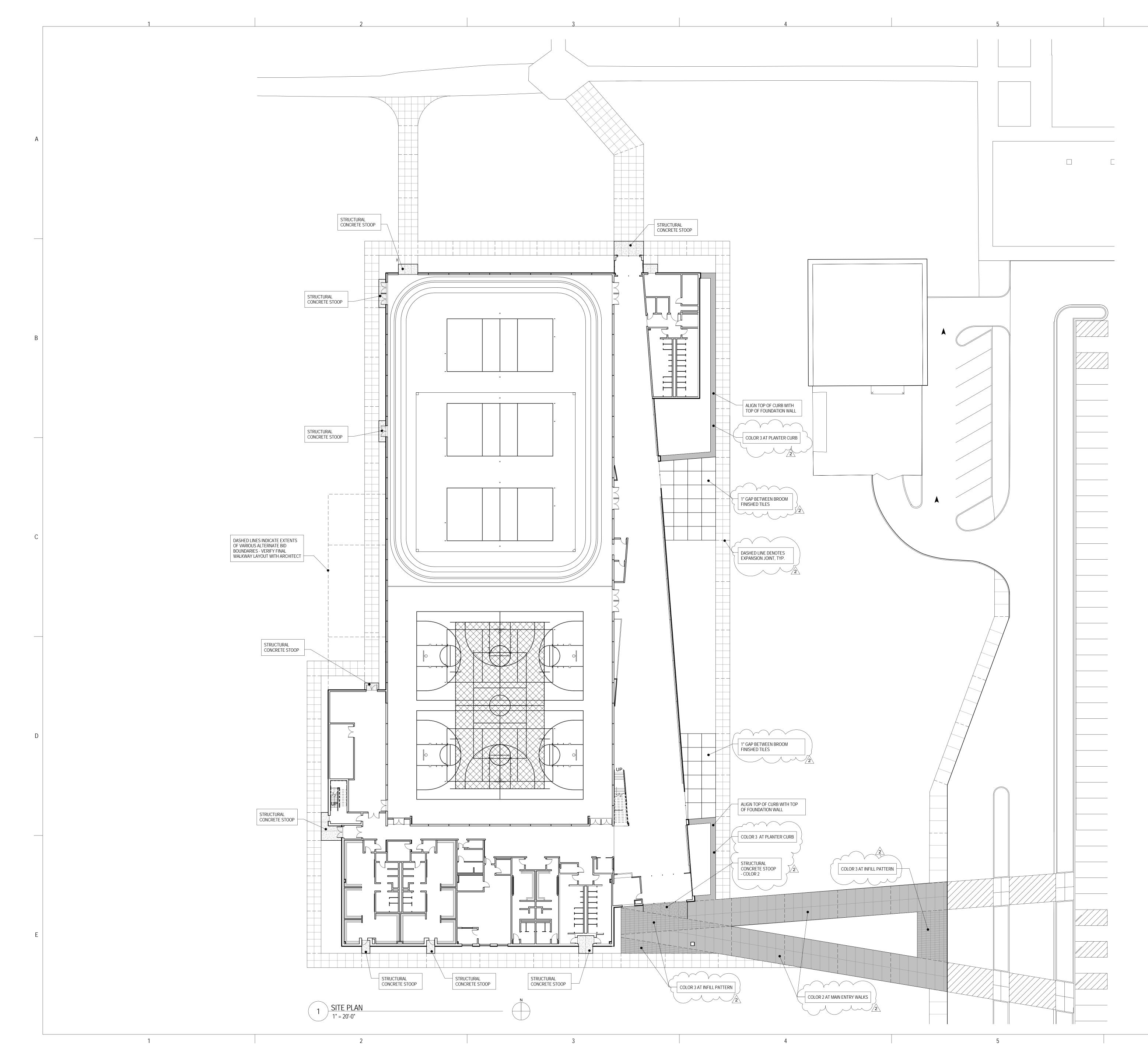
I acknowledge receipt of Addendum #1

Company Name

Printed Name

Title

Signature

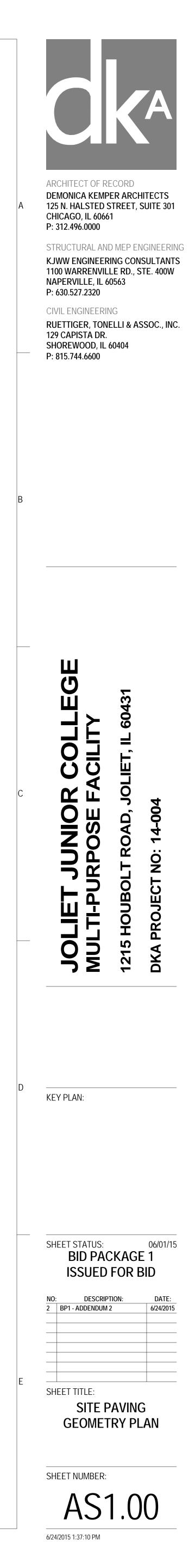


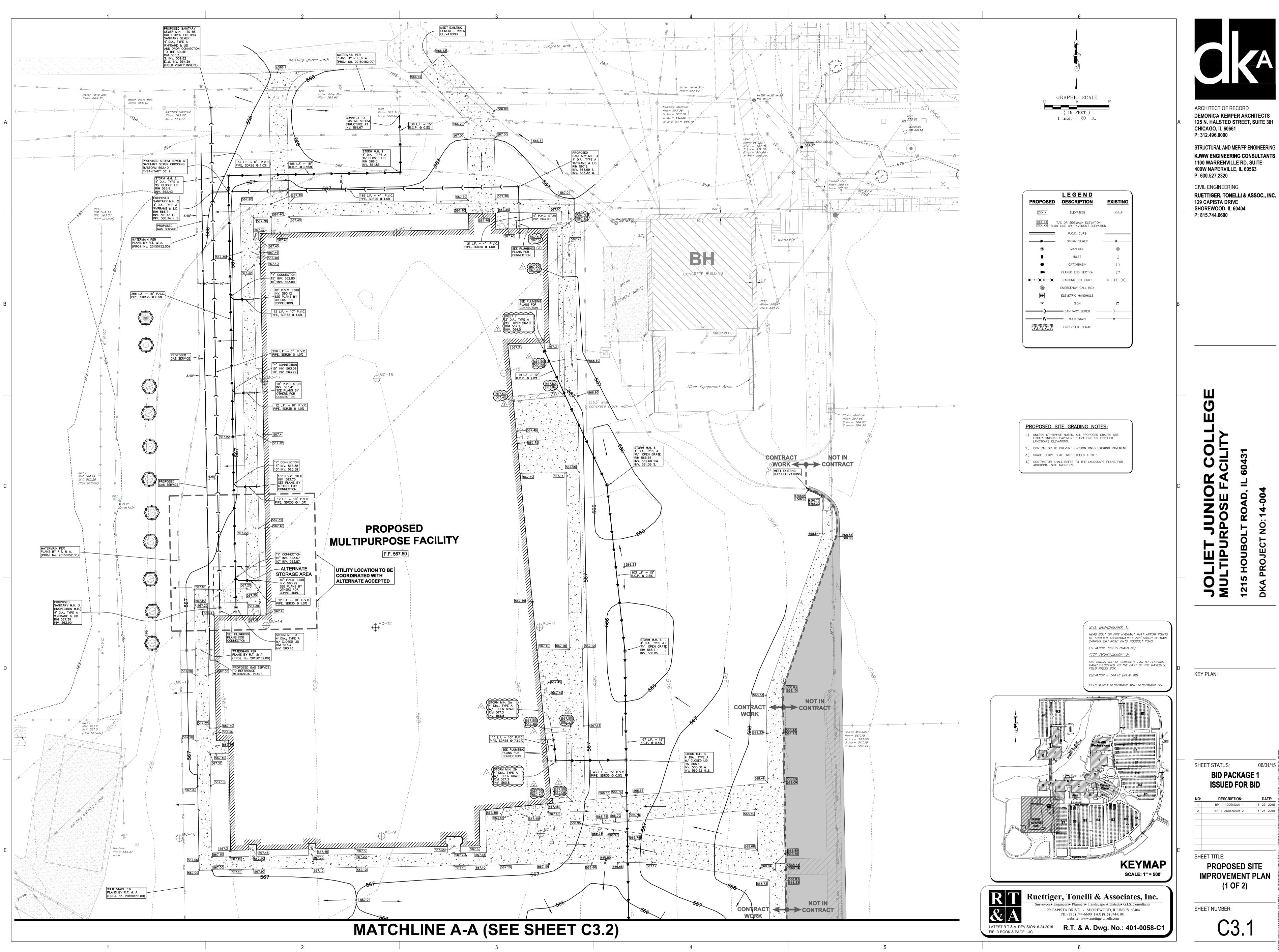
3. ALL NEW SITE CONCRETE IS COLOR 1 EXCEPT WHERE NOTED OTHERWISE

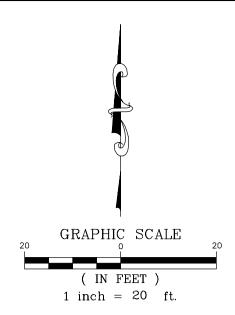
1. SEE CIVIL DRAWINGS FOR GRADES AND ELEVATIONS 2. SEE CIVIL DRAWINGS FOR EXTENTS OF PROPOSED WORK

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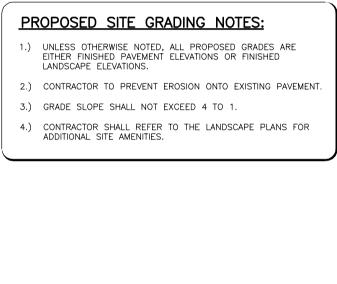
GENERAL NOTES

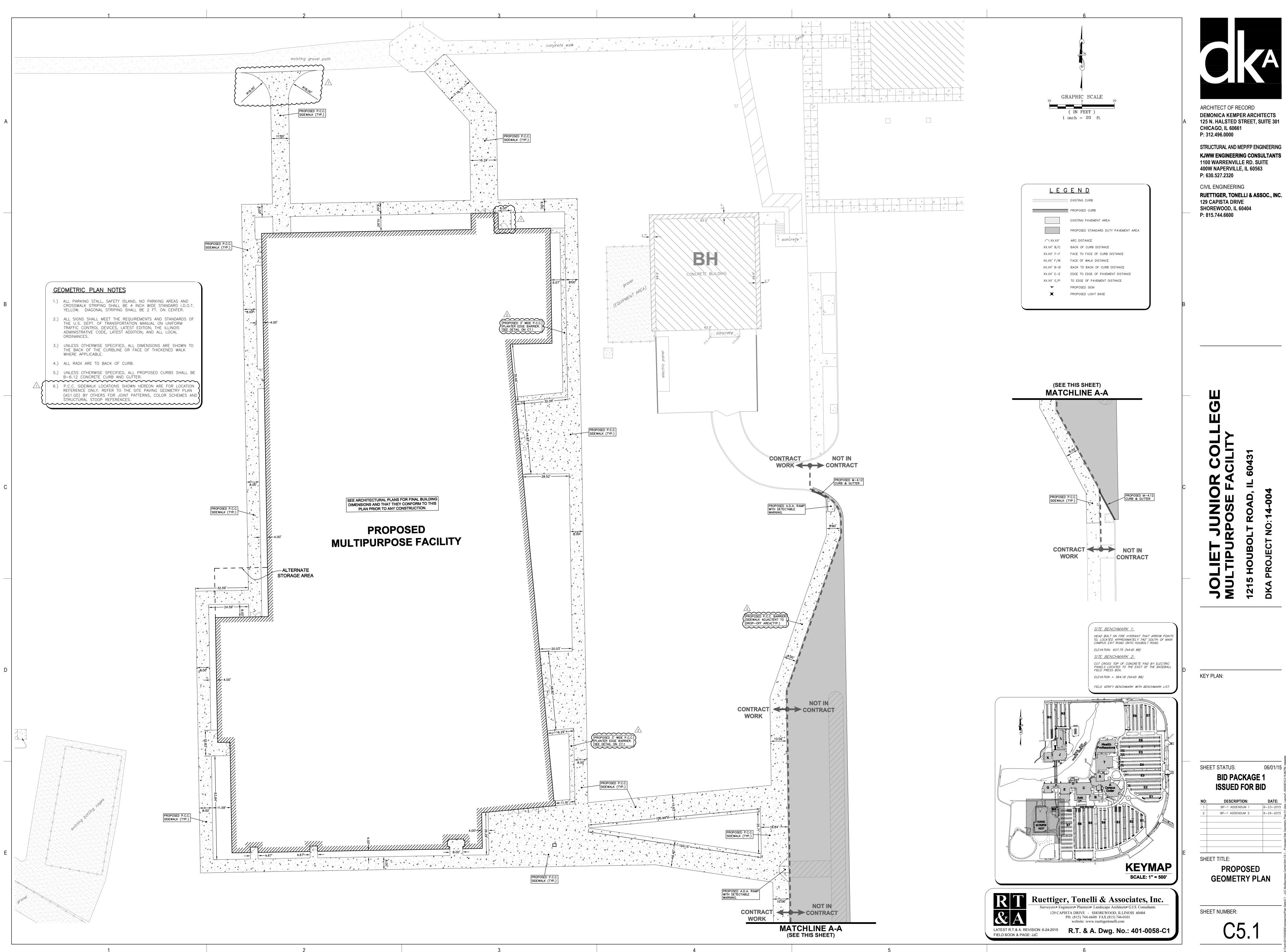


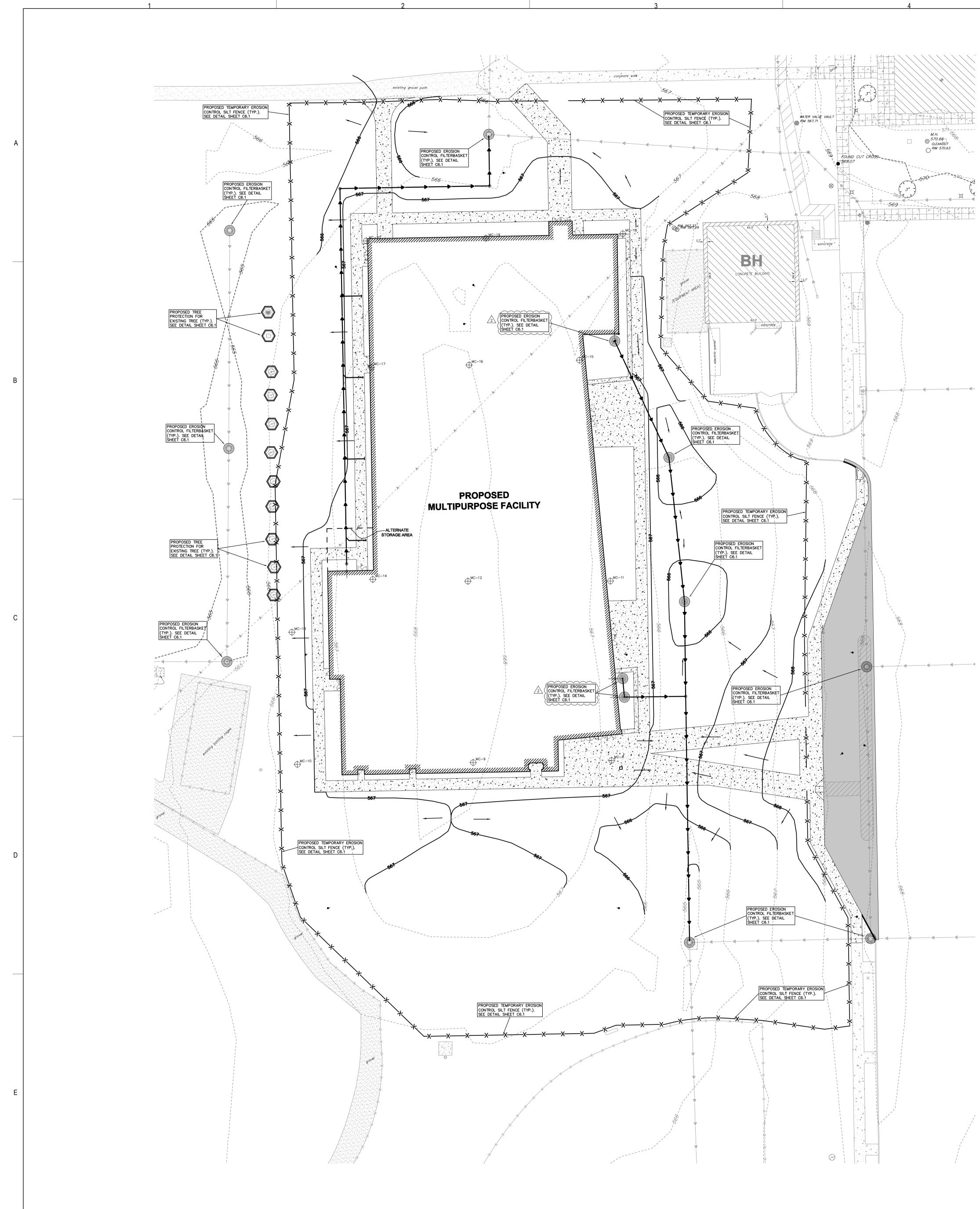




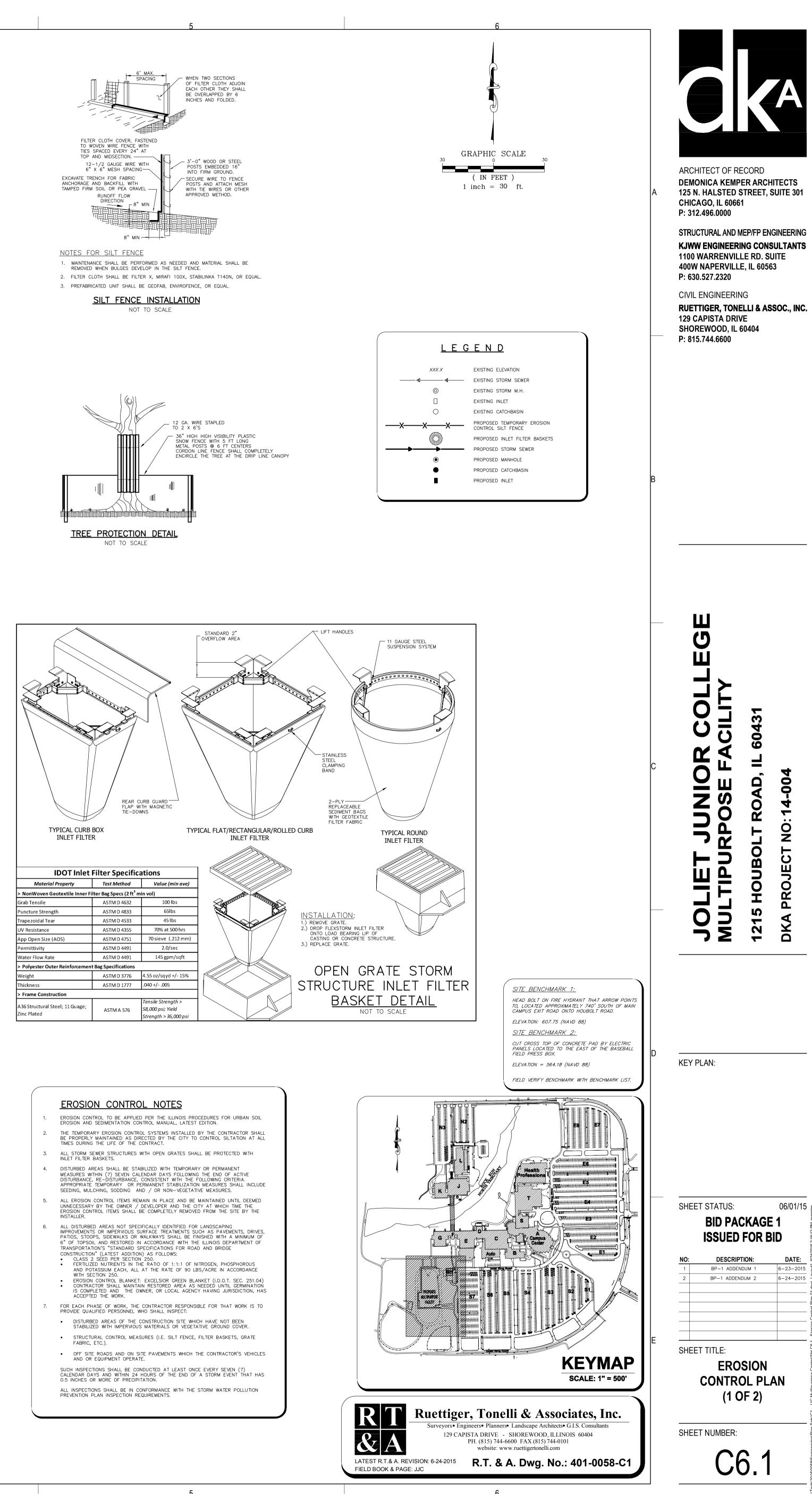
PROPOSED	LEGEND DESCRIPTION	EXISTING	
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XXX.XX T/C OR SIDEWALK ELEVATION XXX.XX FLOW LINE OR PAVEMENT ELEVATION			
	P.C.C. CURB		
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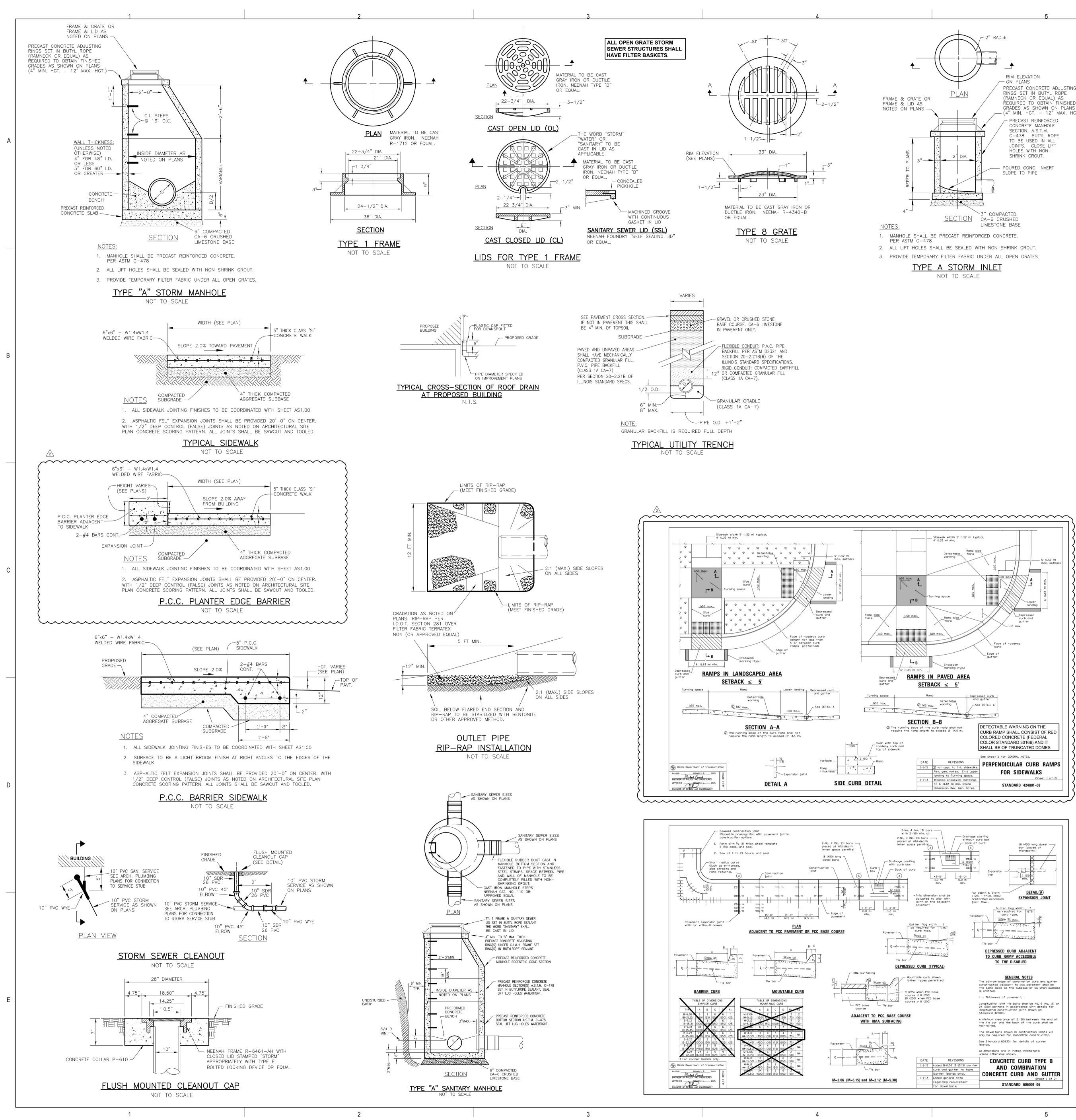


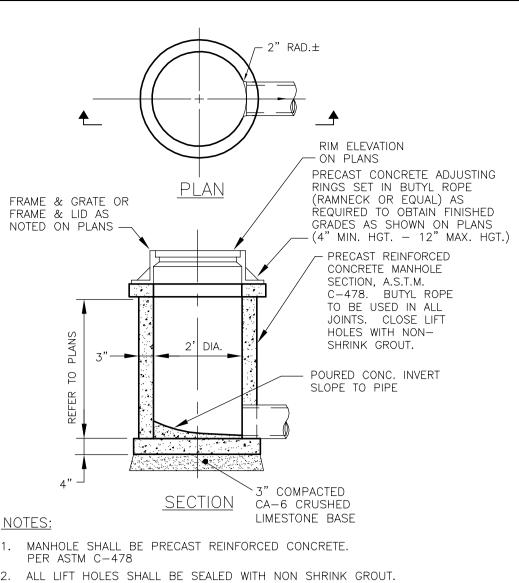




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- 1. FOR THE FOLLOWING ITEMS, REFER TO THE ARCHITECTURAL PLANS:
- BUILDING DIMENSIONS STRUCTURAL DESIGN AND DETAILS CONCRETE SURFACE JOINTING DESIGN AND DETAILS BUILDING SERVICE LOCATIONS
- ROOF DRAINAGE CONNECTIONS SITE LIGHTING DESIGN AND DETAILS SITE SIGNAGE DESIGN AND DETAILS LANDSCAPE DESIGN AND DETAILS
- CONSTRUCTION MANAGEMENT, SCHEDULING AND / OR PHASING ALL ITEMS ON THESE PLANS NOTED "SEE ARCHITECTURAL PLANS"
- 2. UNLESS OTHERWISE NOTED; ALL DIMENSIONS, STATIONING, AND GRADES SHOWN ARE REFERENCED TO THE BACK OF, AND THEREFORE THE TOP OF THE CURBLINE. 3. ALL NEW CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS
- FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION; AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" - ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION. 4. THE OWNER AND/OR CONTRACTOR ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH
- THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) RELATIVE TO STORM WATER DISCHARGE QUALITY, AND OBTAIN A GENERAL PERMIT ILR-10 OR OTHER NATIONAL POLLUTANT ELIMINATION SYSTEM (NPDES) PERMIT AS MAY BE REQUIRED PRIOR TO ANY SITE CONSTRUCTION.
- 5. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CONSTRUCTION MANAGER. 6. UNLESS NOTED OTHERWISE, ANY UNDERGROUND SEWER OR DRAIN TILE SHALL REMAIN IN OPERATION, AND IF DAMAGED SHALL BE REPAIRED TO EXISTING OR BETTER CONDITION. THE
- OWNER OF THE TILE AND THE CONSTRUCTION MANAGER SHALL BE NOTIFIED BEFORE TRENCH IS BACKFILLED. 7. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE OWNER, CONSTRUCTION MANAGER AND ENGINEER IF THERE IS ANY DISCREPANCY BETWEEN THE PLANS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY STAGE OF CONSTRUCTION OF
- PROPOSED IMPROVEMENTS. 8. GRANULAR BACKFILL TO BE CRUSHED LIMESTONE CA-6.
- 9. ALL PROPOSED ROOF DRAINAGE SHALL BE DIRECTED TO THE PROPOSED STORM WATER MANAGEMENT SYSTEM. WHERE APPLICABLE, EXISTING ROOF DRAINS SHALL BE DIRECTED TO THE PROPOSED STORM WATER MANAGEMENT SYSTEM.
- 10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLETELY REMOVE AND PROPERLY DISPOSE OF EXISTING STRUCTURES, DEBRIS, WASTES AND VEGETATION FROM THE SITE AS NOTED ON THE PLAN OR AS MAY BE REQUIRED TO PROPERLY COMPLETE HIS WORK. ALL DEBRIS AND SURPLUS MATERIALS REMOVED FROM THE SITE SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR. NO ON-SITE BURNING OR BURIAL SHALL BE ALLOWED.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER AT ALL TIMES. DEBRIS AND SURPLUS MATERIAL CLEAN UP AND REMOVAL SHALL PROCEED AS THE WORK PROCEEDS. 11. <u>TRAFFIC CONTROL</u>
- ALL WORK CONDUCTED WITHIN ANY PUBLIC AREAS SHALL BE GOVERNED BY THE APPLICABLE ARTICLES OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS". WORK SHALL INCLUDE FURNISHING, INSTALLING, MAINTAINING, RELOCATING AND REMOVING ALL TRAFFIC CONTROL DEVICES USED FOR THE PURPOSE OF REGULATING, WARNING OR DIRECTING TRAFFIC DURING THE CONSTRUCTION OF ANY IMPROVEMENTS, LOADING AND UNLOADING OF MATERIALS, MOBILIZATION OF EQUIPMENT, CLEANING
- OF PAVEMENTS, OR WHENEVER THE SAFETY OF WORKERS OR TRAFFIC MAY BE AN ISSUE. TRAFFIC CONTROL DEVICES INCLUDE: SIGNS AND THEIR SUPPORTS, SIGNALS, PAVEMENT MARKINGS, BARRICADES WITH SAND BAGS, CHANNELING DEVICES, WARNING LIGHTS, ARROW BOARDS, FLAGGERS, OR ANY OTHER DEVICE USED FOR THE PURPOSE OF REGULATING, WARNING OR GUIDING TRAFFIC THROUGH THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION, INSTALLATION, AND ARRANGEMENT OF ALL TRAFFIC. ANY DROP OFF GREATER THAN TWO INCHES WITHIN EIGHT FEET OF THE PAVEMENT EDGE SHALL BE PROTECTED BY TYPE I OR II BARRICADES WITH IDOT APPROVED WARNING LIGHTS.
- TRAFFIC CONTROL DEVICES AND MEASURES SHALL BE SUBJECT TO APPROVAL AND INSPECTION BY CONSTRUCTION MANAGER.

STORM SEWER AND SANITARY SEWER NOTES:

SANITARY SEWER & WATER MAIN SEPARATION SHALL CONFORM TO SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

SANITARY SEWER:

- 1. SANITARY SEWER MAIN SHALL BE PVC SDR-26 (AS NOTED IN PLANS), SERVICES SHALL BE P.V.C. SDR-35 PER A.S.T.M. D-3034 (6"-8") AND ASTM F-679-89(18") WITH FLEXIBLE ELASTOMERIC SEALS PER A.S.T.M. D3212 OR APPROVED EQUAL. 2. GRANULAR BEDDING SHALL BE CONSTRUCTED IN CONJUNCTION WITH THE INSTALLATION OF ALL SANITARY SEWERS AND SERVICES, GRANULAR BEDDING SHALL BE CLASS 1 CRUSHED
- CA-7 AND AT LEAST 6" OVER TOP OF PIPE PER ASTM D2321. 3. SANITARY SEWER SHALL BE AIR PRESSURE TESTED PER THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION). SANITARY SEWER SHALL BE MANDREL TESTED AND A VIDEO INSPECTION PERFORMED WITH THE VIDEO AND A WRITTEN REPORT SENT TO THE CITY.
- 4. SANITARY MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH ASTM C969-94 AND DOCUMENTED WITH RESULTS FORWARDED TO THE CONSTRUCTION MANAGER. 5. PROVIDE TRACER WIRE AND EXCAVATION WARNING TAPE FOR THE SANITARY SEWER.

STORM SEWER:

- 1. STORM SEWER SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 CLASS SHOWN ON DRAWINGS, O-RING JOINTS CONFORMING TO ASTM C443.
- 2. ALL FLARED END SECTIONS SHALL HAVE A GRATE PER I.D.O.T. STANDARD 2364-3 AND 2379-2, AND AN END BLOCK PER I.D.O.T. STANDARD 2249-1.





RUT Ruettiger, Tonelli & Associates, Inc. Surveyors• Engineers• Planners• Landscape Architects• G.I.S. Consultants urveyors• Engineers• Planners• Landscape Architects• G.I.S. Consultants 129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404 PH. (815) 744-6600 FAX (815) 744-0101 website: www.ruettigertonelli.com

LATEST R.T.& A. REVISION: 6-24-2015 FIELD BOOK & PAGE: JJC

R.T. & A. Dwg. No.: 401-0058-C1

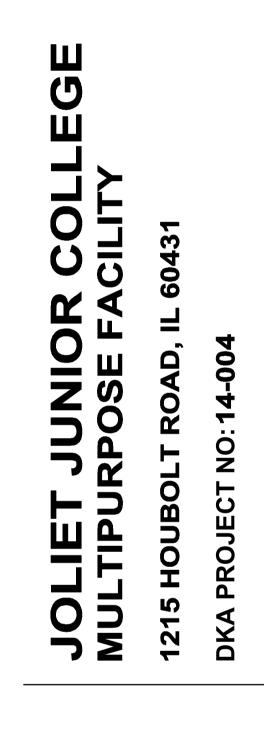


DEMONICA KEMPER ARCHITECTS 125 N. HALSTED STREET, SUITE 301 **CHICAGO, IL 60661** P: 312.496.0000 STRUCTURAL AND MEP/FP ENGINEERING

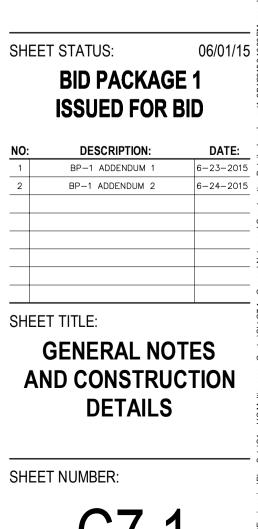
ARCHITECT OF RECORD

KJWW ENGINEERING CONSULTANTS 1100 WARRENVILLE RD. SUITE 400W NAPERVILLE, IL 60563 P: 630.527.2320 CIVIL ENGINEERING RUETTIGER, TONELLI & ASSOC., INC. **129 CAPISTA DRIVE** SHOREWOOD, IL 60404

P: 815.744.6600



KEY PLAN:



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SECTION 03 35 19 - INTEGRALLY COLORED CONCRETE FINISHING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Integrally colored finishes for site-cast concrete.
 - 2. If this Section conflicts with Related Sections:
 - a. This Section takes precedence for matters that affect concrete appearance.
 - b. Related Sections take precedence for matters that do not affect concrete appearance.
 - c. In case of conflicts, notify Architect for clarification.

B. Related Sections

- 1. Related Site Cast Concrete Sections:
 - a. Division 32 Section "Concrete Paving": Basic requirements for concrete and coordination of sample submittal.

1.2 REFERENCE STANDARDS

- A. Publications:
 - 1. ACI 302.1R Guide for Concrete Floor and Slab Construction.
 - 2. ASCC Guide for Surface Finish of Concrete Slabs on Ground.
 - 3. ASCC Decorative Concrete Council Problems & Practice papers.
 - 4. PCA PA124 Finishing Concrete with Color and Texture.
 - 5. ACI 305.1 Hot Weather Concreting.
 - 6. ACI 306.1 Cold Weather Concreting.
 - 7. ACI 308R Curing Concrete.
 - 8. ASTM C309 Liquid Membrane-Forming Compounds for Curing Concrete.
 - 9. ASTM C979 Pigments for Integrally Colored Concrete.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference:
 - 1. Conduct conference at Project site.
 - 2. Review procedures required to produce specified results.

1.4 SUBMITTALS

A. Product Data:

JOLIET JUNIOR COLLEGE JJC Multi-Purpose Center - BP1 DKA Project No.: 14-004

- 1. Color additives.
- 2. Curing products.
- 3. Proprietary cleaning agents.
- B. LEED Submittals: Submit data for:
 - 1. Heat Island Effect Non-Roof: LEED Credit SS 7.1 < Other Credit>.
 - 2. Recycled Content: LEED Credit MR 4.1 and MR 4.2.
 - 3. Regional Materials: LEED Credit MR 5.1 and MR 5.2.
- C. Shop Drawings: Indicate extent of each color of integrally colored concrete.
- D. Samples for Initial Selection: Submit color additive manufacturer's sample chip set.
- E. Samples for Verification: Submit sample chip of specified concrete colors indicating Davis color name.
- F. Qualification Data: For Installer.

1.5 QUALITY ASSURANCE

- A. Perform work in accordance with: ACI 303.1, ACI 305.1, ACI 306.1, ACI 318.
- B. Obtain each material from same source and maintain high degree of consistency in workmanship throughout Project.
- C. Installer Qualifications: Concrete work shall be by firm with [five]<Other number> years experience with work of similar scope and quality.
- D. Field Samples: Submit three samples 12 by 12 inches indicating concrete color range and texture.
- E. Integrally Colored Concrete Mock-Up:
 - 1. Provide two mock-ups for each concrete color one with and one without a moist curing blanket.
 - 2. At location acceptable to Architect, demonstrate methods used for construction, including forming and finishing conditions required for Project using materials, workmanship, joint treatments, and curing methods to be used throughout Project.
 - 3. Accepted mock-up provides visual standard for work of Section.
 - 4.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Color Additive: Deliver, store, and handle in accordance with manufacturer's instructions.
- B. Concrete: Schedule delivery to provide consistent mix times from time color additive is placed in mixture until placement of integrally colored concrete.

PART 2 - PRODUCTS

2.1 CONCRETE MATERIALS

- A. Cements:
 - 1. Types: As specified in Related Sections..
 - 2. Colors: White.
- B. Supplementary Cementitious Materials:
 - 1. Types: As specified in Related Sections..
 - 2. Colors: White.
- C. Fine Aggregate:
 - 1. Types: As specified in Related Sections..
 - 2. Color: Locally available natural aggregate.
- D. Coarse Aggregate:
 - 1. Types: As specified in Related Sections..
 - 2. Color: Locally available natural aggregate.
- E. Water: Clean and potable.
- F. Admixtures: Do not use calcium chloride admixtures.

2.2 COLOR ADDITIVES

- A. Manufacturer: Davis Colors
 - 1. Contact Information:
 - a. Phone: 800-356-4848 or 323-269-7311.
 - b. E-mail: info@daviscolors.com.
 - c. Web Site: www.daviscolors.com.
- B. Type:
 - 1. Concentrated pigments specially processed for mixing into concrete and complying with ASTM C979.
 - 2. Color additives containing carbon black are not acceptable.
- C. Color Additive Delivery:
 - 1. Automated Dispensing: Meter and dispense colors using computer-controlled automated color weighing and dispensing system. Use Davis Colors Chameleon liquid metering system and Hydrotint liquid color additives.
 - 2. Manual Dispensing: Use Davis Colors Mix-Ready powdered color additives in pre-measured disintegrating bags.

2.3 CONCRETE FLATWORK

- A. Curing Compound for Flatwork: Davis Colors Color Seal II, tinted to match integrally colored concrete; complying with ASTM C309 and designed for use on integrally colored concrete. DO NOT USE PLASTIC SHEETS FOR CURING OF INTEGRALLY COLORED CONCRETE.
- B. Moist Curing Blankets: McTech Group (www.mctechgroup.com) UltraCure SUN disposable curing blankets designed for use on colored or decorative concrete and to keep surface of concrete moist for seven days.

2.4 ACCESSORIES

- A. Reinforcing Bar Supports: Use corrosion-resistant types at locations contacting exposed surfaces.
- B. Joint Sealants:
 - 1. Color: Color selected by Architect from manufacturer's full range to match integrally colored concrete.
- C. Cleaning Agents: Use products known to be compatible with integrally colored concrete.

2.5 MIXES

- A. Slump: 4 inches. If greater slump is required, use water-reducing or super-plasticizing admixture; do not add water.
- B. Color Additives: Mix in accordance with manufacturer's instructions. Mix until color additives are uniformly dispersed throughout mixture and disintegrating bags, if used, have disintegrated.
- C. Do not retemper mix or add water in field.

2.6 CONCRETE COLORS

- A. Concrete Colors:
 - 1. Concrete Color-01: White concrete; no color additive.
 - 2. Concrete Color-02: Light gray, color to be selected by Architect from manufacturer's Standard Group of colors.
 - 3. Concrete Color-03: Dark gray, custom color to match Architect's sample.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Do not place integrally colored concrete where standing water is present.

3.2 INSTALLATON

A. Comply with color admixture manufacturer's recommendations unless otherwise specified in this Section.

3.3 FLATWORK

- A. Finishing:
 - 1. Broom Finish: Pull broom across freshly troweled concrete to produce medium texture in straight lines perpendicular to main line of traffic. Do not dampen brooms.
 - 2. Trowel Finish: Provide smooth surface. Hard trowel to densify surface. Do not over-trowel or start troweling late.
 - a. Hand Trowel: Use steel trowel.
 - b. Machine Trowel: Use steel trowel blades.
- B. Curing
 - 1. Apply curing compound for flatwork or moist curing blanket, as selected based on mock-ups, in accordance with manufacturer's instructions. Apply curing at consistent time for each pour.
 - 2. Maintain concrete between 65° and 85°F during curing.

3.4 APPEARANCE TOLERANCES

A. Appearance: Minor variations in appearance of integrally colored concrete that are similar to natural variations in color and appearance of uncolored concrete are acceptable.

3.5 CLEANING

- A. Efflorescence: Remove efflorescence as soon as practical after it appears and as part of final cleaning.
- B. Use least aggressive cleaning techniques possible
- C. If proprietary cleaning agents are used, pre-wet surface, test cleaning agent on small, inconspicuous area, and check effects prior to proceeding. Thoroughly rinse surface afterwards with clean water. Follow cleaner manufacturer's instructions.
- D. Do not use muriatic or hydrochloric acid on integrally colored concrete.

END OF SECTION 03 35 19