



**ROCKFORD BOARD OF EDUCATION  
INVITATION FOR BID ON SUPPLIES, MATERIALS, EQUIPMENT OR SERVICES  
FOR SCHOOL DISTRICT NO. 205  
ROCKFORD, ILLINOIS**

IFB No.        **17-40 Rockford Public School District 205 School B, Zone 1**

DATE:        **June 7, 2017**

RE:        **ADDENDUM NO. 7**

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To All Bidders:

Attached are modifications, clarifications and/or corrections for the Project Manual and are hereby made a part of the contract documents. Please attach this addendum to the Project Manual(s) in your possession. Please note the receipt of this addendum on the bid form. Bidders shall review changes to all portions of this work as changes to one portion may affect the work of another.

**If you plan to hand deliver your IFB submission on the due date, please note you must check in on the 3rd floor prior to coming to the bid opening. Please allow time for this as late submission will not be accepted.**

Refer all questions relative to the business aspect, Instructions to Bidders, Special Conditions, and questions concerning the technical aspect of the documents to the Purchasing Department by email to Rickey Sparks at [rickey.sparks@rps205.com](mailto:rickey.sparks@rps205.com) Director of Purchasing.

**Attached Revised Bid Label and Specification Sheets**

# **LATE BIDS CANNOT BE ACCEPTED!**

## **SEALED BID PROPOSAL**

**BID NO.:** 17-40

**OPENING DATE:** Tuesday, June 20, 2017 Revised Label

**OPENING TIME:** 2:00 PM (CDST)

**DESCRIPTION:** Rockford Public School District 205  
School B, Zone 1

**ATTN: PURCHASING DEPT.**

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**DATED MATERIAL-DELIVER IMMEDIATELY**

PLEASE CUT OUT AND AFFIX THIS BID LABEL TO THE  
OUTERMOST ENVELOPE OF YOUR PROPOSAL TO HELP ENSURE  
PROPER DELIVERY!

**LATE OFFERS CANNOT BE ACCEPTED!**

**Date of Addendum: June 6, 2017**

**Original Date of Contract Documents: Issued for Bid: March 01, 2017**

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**Owner:**

Rockford Public School District 205  
School B, Zone 1  
Rockford, IL  
Cannon Project No. 005005.00

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**Architects and Engineers**

Cannon Design  
225 N. Michigan Ave, Suite 1100  
Chicago, Illinois 60601

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This Addendum amends Drawings and/or Specifications and/or Addenda for the above titled project, as indicated below, and is hereby incorporated into the Contract Documents as part thereof.

Bidders are required to acknowledge receipt of this Addendum in the space provided on the Proposal/Bid Form.

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**NARRATIVES:****GENERAL NOTE:**

1. Previous references to the "Property Acquisition Map" added via addendum should be deleted.

**SPECIFICATIONS (PROJECT MANUAL)**

1. 003133 – INFORMATION AVAILABLE TO BIDDERS
    - A. Page 003133-1, Article 1.1, Paragraph A, Delete Sub-paragraph 3 in its entirety.
  2. 003133.3 – PROPERTY ACQUISITION MAP
    - A. Delete Section 003133.3 in its entirety.
  3. 012100 – ALLOWANCES
    - A. Page 012100-3, Article 3.3, Delete allowance No.6 in its entirety.
  4. 012300 – ALTERNATES
    - A. Page 012300-2, Article 3.1, Delete Paragraph 8 in its entirety.
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**ATTACHMENTS –**

1. Bidding RFI Report

**Specifications:**

1. 004100 – BID FORM
  - A. Section 004100 is a revised section and being re-issued as an attachment to this Addendum.

2. 087100 – DOOR HARDWARE

- A. Section 087100 is a revised section and being re-issued as an attachment to this Addendum.

**Drawings:**

**Volume 1:**

1. C04 - WORK AREA OVERVIEW PLAN

- A. Revised scope of work summary

2. C05 - AREA A WORK SCOPE

- A. Revised notes to eliminate reference to dates.

3. C06 - AREA B WORK SCOPE

- A. Revised notes to eliminate reference to dates.

4. C07 - AREA C WORK SCOPE

- A. Revised notes to eliminate reference to dates.

5. C08 - AREA D WORK SCOPE

- A. Revised notes to eliminate reference to dates.

6. C09 – EXISTING CONDITIONS AND REMOVALS PLAN

- A. Revised notes to eliminate reference to dates.

7. C14 – UTILITY PLAN

- A. Added description of alternate 6 work as well as note regarding existing site utilities.

8. C15 – UTILITY ENTRY PLAN AND SANITARY PROFILES

- A. Added note regarding existing site utilities.

9. C16 – WATERMAIN AND SANITARY PLAN AND PROFILES STA. 50+00 - 54+00

- A. Added note regarding existing site utilities.

10. C17 – WATERMAIN AND SANITARY PLAN AND PROFILES STA. 54+00 - 57+25

- A. Added note regarding existing site utilities.



11. C18 – KISHWAUKEE STREET CORRIDOR PLAN STA. 101+00 - 107+50
  - A. Added description of alternate 6 work.
  - B. Revised notes to eliminate reference to dates.
12. C19 – KISHWAUKEE STREET CORRIDOR PLAN STA. 107+50 - 112+50
  - A. Added description of alternate 6 work.

**Volume 2:**

1. A1006 – DOORS & BORROWED LIGHTS SCHEDULE
  - B. Drawing A1006 is being issued as an attachment to this Addendum.

END OF ADDENDUM NO. 7

Bidding RFI Report

PROJECT: 5005.00 Rockford 205 - School B, Zone 1, Rockford, IL  
ADDENDUM 01: 4/21/2017  
ADDENDUM 02: 4/26/2017  
ADDENDUM 03: 5/4/2017  
ADDENDUM 04: 5/11/2017  
ADDENDUM 05: 5/22/2017  
ADDENDUM 06: 6/1/2017  
ADDENDUM 07: 6/6/2017



ID	From	Received	Response Date	Question	Answer
1	Judy Stanley Stenstrom Construction 2420 20th St. Rockford, IL 61104 Office: 815-398-2420 Fax: 815-398-0041 JudiS@rstenstrom.com	4/27/2017	5/4/2017	Would you see if the architect will waive the AWI Certification requirement?	No, this requirement will not be waived.
2	Al Musch Estimator/ Project Manager Premier Woodwork Inc. 1522 7th Street Rockford, IL 61104 Phone 1-815-968-6650 Fax 1-815-972-1141	4/27/2017	5/4/2017	Please pass along two questions for me. 1) See if they will waive the AWI Quality Certification Program  2) See if they can waive the ¾" solid surface and use ½" solid surface	1. No, this requirement will not be waived.  2. Please provide specified thickness.
3	Jill Anderson Sales Support Specialist TK Products 952.938.7223 local janderson@tkproduct.com wwwtkproducts.com	4/27/2017	5/4/2017	Request to substitute the following in lieu of specified products in Section 072726, Fluid Applied Membrane Air Barriers:  TK-AirMax 2102 Non-Permeable	Refer to Addendum 3.
4	Jill Anderson Sales Support Specialist TK Products 952.938.7223 local janderson@tkproduct.com wwwtkproducts.com	4/27/2017	5/4/2017	Request to substitute the following in lieu of specified products in Section 072726, Fluid Applied Membrane Air Barriers:  TK-AirMax 2103 Non-Permeable WB	Refer to Addendum 3.
5	David B. McCallum Estimator Graphic Specialties Inc 3110 Washington Avenue North Suite 200 Minneapolis, MN 55411 d.mccallum@signsbygisi.com	5/1/2017	5/4/2017	Regarding spec sections 101416, 101419, 101423.13 & 101426, I did not find any sign details or schedules in the documents. Did I miss them or will more information be forthcoming?	101416 - PLAQUES, 101419 - DIMENSIONAL LETTER SIGNAGE, 101423.13 - ROOM IDENTIFICATION SIGNAGE, 101426 - PANEL SIGNAGE: Please see District Signage Standards Sheet Volume 1: G0203; Architectural Site Plan Volume 2 A0051; Exterior Elevations Sheets Volume 2: A0311, A0312, A0313, Level 01 Plan - Area A-D A0101A,B,C, and D.

ID	From	Received	Response Date	Question	Answer
6	Jill Lindeman Architectural Coordinator, Commercial Related Products Division I Logan Contractors Supply 4101 106th Street Des Moines, IA 50322 Office: (515) 253-9048	5/3/2017	5/4/2017 5/22/2017	1. Request to substitute the following in lieu of specified products in Section 033000, Cast-in-Place Concrete:  SpecHard by SpecChem  2. Request to substitute the following in lieu of specified products in Section 042000, Unit Masonry:  Polyguard 400 Flashing	1. Refer to Addendum 5.    2. Refer to Addendum 3.
7	Roman Tylka Advanced Glazing Products, LLC 17 Cliffside Drive Willow Springs IL 60480 312-805-2396 roman@advancedglazingproducts.com	5/3/2017	5/4/2017	Request to substitute the following in lieu of specified products in Section 085113, Aluminum Windows:  Litex Windows	Please provide a product from one of the specified manufacturers.
8	Lisa Roberts Project Engineer Fiblast, LLC. 1602, Mizell Road, Tuskegee, Al-36083 Phone: (334) 513 1314 Ext-1 Fax: (334) 239 4333 Email: fiblastllc@live.com	5/3/2017	5/4/2017	Request to substitute the following in lieu of specified products in Section 092713, Glass-Fiber-Reinforced Plaster Fabrications:  Fiblast	Please provide a product from one of the specified manufacturers.
9	Jim Kohler (jkohler@mechinc.com)	5/4/2017	5/22/2017	1. Drawing P0404: Shows 3" feed line up to the tee for the water softener. The Hot Water piping to & from the water heater is 2". The WSFU's listed on the P0404 drawing shows a total of 40 WSFU's for hot water. This works out to be around 65-75 gpm. The water heater plumbing schematic (drawing # P0601) shows 2" piping from the water heater. The water softener system should be able to match the 2" pipe flow rate of the hot water system of around 80 GPM. The schedule for the water softener (Plan # P0501) shows a single tank water softener with 1" piping and a 9" x 48" tank. We would like to see if a duplex water softener system with 16" tanks, continuous flow rate of 57 GPM @ 15 psi drop and a peak flow rate of 75 GPM @ 25 psi drop per tank, with progressive flow and a total capacity of 180,000 grains or a larger 21" single tank water softener system with a continuous flow rate of 65 GPM @ 15 psi drop and a peak flow rate of 85 GPM @ 25 psi drop with a capacity of 210,000 grains of capacity is acceptable?	1. Refer to Addendum 5.

ID	From	Received	Response Date	Question	Answer
10	Nick Mehn, CSI Sales Associate Insulation Solutions, Inc. Phone: 309.698.0062 Fax: 309.698.0065 www.insulationsolutions.com www.viper2.com	5/4/2017	5/22/2017	Please add Viper VaporCheck II as an acceptable vapor barrier for this project. I have attached a sub request for your viewing. Let me know if you have any questions.	Refer to Addendum 5.
11	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/8/2017	5/22/2017	<p>1. Drawing C01 General Note 20 calls for us to carry an undercut allowance of 2,200 CY's in our base bid. Please confirm that this undercut allowance is in addition to Allowance #1, #3 and #4 on the bid form.</p> <p>2. If you plan on saving the trees as indicated on the landscape drawings that are in the construction areas, extensive root pruning will be required. If this is to be part of the base bid, it should be noted on the landscape drawings and be in the landscape specifications.</p> <p>3. Drawings S0101 states that we should anticipate and plan for undercutting existing man made fill from 1' to 6" over the entire building footprint, but the undercut allowance that we are to include in the bid (allowance #3 – 100 CYD @ Bld Fndt &amp; Allowance #4 700 CYD under Bld Pad) does not even cover a 6" undercut of the entire footprint which would be 1,575 CYDS. Please confirm that the base bid includes no undercutting other than the allowances on the bid form.</p> <p>4. Trash enclosure plan A0053 fence post hinge detail – Reference Detail 9/A053 which is a wood corner post but should be a metal post per referenced Elevation 1. Please also confirm that the latch side support post for the single man door is wood.</p> <p>5. Please provide the referenced Site Clearing and Building Bid Package.</p> <p>6. Detail 2/A0452 shows a ½ SS top on two layers of particle board supported by an un-sized continuous plate and refers to structural drawings. Please confirm which detail on the structural drawings shows this support plate. I checked Detail 10/S0200.D but it is for wall reinforcing.</p>	<p>1. Refer to Addendum 5.</p> <p>2. Professional root pruning will not be required.</p> <p>3. Refer to Addendum 5.</p> <p>4. Refer to Addendum 5.</p> <p>5. Refer to Addendum 3. These documents can be found on the District's website under IFB 17-53: <a href="http://www3.rps205.com/departments/Purchasing/Lists/BidsRFPs/DispForm.aspx?ID=370&amp;Source=http%3A%2F%2Fwww3%2Erps205%2Ecom%2Fdepartments%2FPurchasing%2FPages%2FBids%2DRFPs%2Easpx&amp;ContentTypeId=0x010007C78365391D464187F9C043243581F9">http://www3.rps205.com/departments/Purchasing/Lists/BidsRFPs/DispForm.aspx?ID=370&amp;Source=http%3A%2F%2Fwww3%2Erps205%2Ecom%2Fdepartments%2FPurchasing%2FPages%2FBids%2DRFPs%2Easpx&amp;ContentTypeId=0x010007C78365391D464187F9C043243581F9</a></p> <p>6. Refer to structural Detail 4/S0200.D.</p>

ID	From	Received	Response Date	Question	Answer
12	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/8/2017	5/22/2017	<p>1. Civil drawing C15 shows a 1000 gallon grease interceptor located more than 5 foot outside the building, but plumbing drawing P0501 shows a 275 gallon GSI-1 located just outside the exterior wall. Please confirm if these are the same units and if so, which detail do we go with?</p> <p>2. Please confirm washing machine is by owner.</p> <p>3. Please confirm quantity and description of compressed 24"x24" quartz floor tile as shown on drawing A1232?</p> <p>4. Confirm specification of ceramic wall tile material CWT-1 which is not on drawing A1200 finish specification plan.</p> <p>5. Detail 2/A0453 calls for an exterior gypsum soffit, but similar detail at main canopy calls for EIFS.</p>	<p>1. Refer Addendum 5.</p> <p>2. Correct, washing machine is by Owner.</p> <p>3. Refer to RFT-1 and RFT-2 floor finish tag on Drawing A1232 and refer to Drawing A1200 for floor finish, under resilient floor column, for RFI-1 and RFT-2 information.</p> <p>4. Refer to Drawing A1200, under wall finish column, for CWT-1 information.</p> <p>5. Refer Addendum 5.</p>
13	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/8/2017	5/22/2017	<p>1) There is a substantial amount of excess site excavation to be removed from this site. Does this site have any environmental issues or can all the excavated soils be disposed of off-site at a CCDD/ Uncontaminated Soil Fill Operations Facility?</p> <p>2) The demolition contractor will most likely contaminate the existing site topsoil during his operations. Will any of the existing topsoil be salvaged during the demolition contract for the grading contractors use? Should the grading contractor assume all required topsoil will need to be imported from off-site?</p>	<p>1. Refer to Addendum 4 for information on how to access the Phase 1 Environmental Report. No environmental issues have been identified. Contractors must conform to applicable regulatory procedures if hazardous or contaminated materials are discovered. The Owner will be responsible for any costs associated with hazardous or contaminated soils.</p> <p>2. Refer to notes on Drawings C9 and C10. Salvage of topsoil is not included in the site demo contract.</p>
14	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/11/2017	5/22/2017	<p>1. Specs call for abuse-resistant board for the outer layer at the classrooms only. Does this need to go to the deck, or just above ACT?</p> <p>2. Specs call for a structural corner bead. Is this typical for all corner beads? Do they need to go to the deck, or just above ACT?</p>	<p>1. Refer to sheet A1001 PARTITION TYPES for typical partitions. Provide specified material as shown in details.</p> <p>2. Structural corner bead is required at all drywall partitions at vertical corners, running 6" above ceiling. See detail 7/A0802 for more information.</p>
15	Steve Crouch Estimator/Project Manager Scandroli Construction Co 855 N. Madison St. Rockford, IL 61107 steve.crouch@scandroli.com Phone 815-962-4037 Fax 815-962-8103 Cell 815-222-9373	5/15/2017	5/22/2017	<p>In looking over the plans today for this project, we came across some conflicting information regarding topsoil. If this hasn't already been addressed, could you submit it as an RFI:</p> <p>Sheet C11 shows Grading Note #2 – All areas should receive 4" of topsoil Sheet C26 shows a box in the center of the page stating 'All areas should receive 6" of topsoil'</p>	Refer to Addendum No. 5 for clarification on topsoil requirements.

ID	From	Received	Response Date	Question	Answer
16	Brian Amling Northern Illinois Service Co. 4781 Sandy Hollow Road Rockford, IL 61109 815.874.4422 Office 815.874.1944 Fax 815.378.9081 Mobile brian@northernillinoiservice.com	5/18/2017	5/22/2017	<p>1. On Sheet C19 please indicate the north extent of the abandonment / filling of the existing 6" watermain at Kishwaukee St.</p> <p>2. On Sheet C09 the existing 4" watermain on Catlin St. is noted to be abandoned per one note and removed per another note; please clarify.</p> <p>3. Please provide information regarding the acceptable method of abandoning the RRWRD sewer manholes.</p> <p>4. What will be the required value of the IDOT utility permit bond?</p> <p>5. Sheet C04 indicates that site excavation work in Area A will take place prior to Areas C and D. Can removed soil materials from Area A be placed in Areas C and D for future grading?</p> <p>6. On Sheet C04 are we to assume that all demolition within Area A will be complete and the entire area will be available when work begins?</p> <p>7. On Sheet C01 General Note #20 states that 2,200 CY of undercut is to be included in the base bid. The addendum #1 bid form indicates 2,7000 CY is to be included (Allowance #1 800 CY, #2 1,100 CY, #3 100 CY #4 700 CY). Please verify what we are to include as an allowance.</p>	<p>1. Refer to Addendum 5.</p> <p>2. The existing 4" watermain and water services are to be abandoned. Service boxes need to be removed. Any water services or watermain that conflicts with building foundations or other improvements needs to be removed as necessary.</p> <p>3. See RRWRD standard specifications for requirements.</p> <p>4. Contractor shall assume the following bond amounts and include the cost of obtaining each bond in his bid for this project: IDOT Utility bond shall be \$25,000 for a period of 5 years. IDOT highway bond shall be \$50,000 for a period of 5 years.</p> <p>5. Yes, pending the removal of other structures.</p> <p>6. Refer to Property Acquisition Plan issued as an attachment in Addendum 5.</p> <p>7. Refer to Addendum 5. The allowances listed on sheet C11 shall be used. The total allowance for undercut is 1,600 CY and an allowance of 1,100 SY is required for fabric stabilization at roadways. Contractor to include these allowances in their bid.</p>
17	Kevin McGinn Engel Electric Co	5/18/2017	5/22/2017	<p>EE RFI-1 Alternate #7, Traffic Signals.</p> <p>There are no specifications for the mast arm assemblies.</p> <p>There are no specifications for the traffic signal equipment.</p>	The traffic signal equipment specifications are included as Section 014000.2 in the project manual.
18	Roger Stoeckel, Owner Shade Aire Company 7511 Grace Dr. Roscoe, IL 61073 815 623-7597 815 623-8541 fax 815 543-0612 cell	5/18/2017	6/1/2017	<p>Specification 122413, 1.4, A., 1., (Extra Material) reads "Roller Shades:1 shade for each window size up to 4 openings".</p> <p>1. Please clarify more fully EXTRA MATERIAL requirements. 2. Does "EXTRA MATERIAL" pertain to motorized shades?</p>	1. Refer to Addendum 6
19	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/22/2017	6/1/2017	<p>I will need additional information to provide pricing for the acoustic wall panels. We are missing elevations (which provide sizing) for Conference Room #106. Please advise at your earliest convenience.</p>	1. Refer to Addendum 6

ID	From	Received	Response Date	Question	Answer
20	Steve Crouch Estimator/Project Manager Scandroli Construction Co 855 N. Madison St. Rockford, IL 61107 steve.crouch@scandroli.com Phone 815-962-4037 Fax 815-962-8103 Cell 815-222-9373	5/22/2017	6/1/2017	Plan sheet A1231D shows that it gets AWP-4 on the west wall, but I cannot find an elevation for it.	1. If RFI refers to the conference room tag, refer to Addendum 6.
21	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	5/24/2017	6/1/2017	Wall assembly for MP-1 type wall on 3/A0400 calls for 6" CFMF. Details 4,5/A0424, details 1, 2, 3, 4/A0454 and detail 4/A0458 all appear to show 3 5/8" CFMF at MP-1 walls. Please clarify.	<p>Elevations on A0311 and A0312 show a running dimension tag at clerestory calling out MP-0, and running dimension tag at east wall of clerestory calling out MP-1, which are callouts of wall types referenced in A0400.</p> <p>Elevations on A0311 and A0312 also have a material diamond tag referenced on elevation legend: MP-1 - Formed Metal Panel.</p> <p>Plan details and section details at clerestory storefront windows show 3 5/8" CFMF which is intended and should be coordinated as part of CFMF delegated design process.</p> <p>Section detail 8/A0202 shows 6" CFMF at east wall of clerestory, which is intended and should be coordinated as part of CFMF delegated design process.</p>
22	Blake Ford Project Manager AVL Systems, Inc. 5540 S.W. 6th Place Ocala, FL 34474 Direct: (352) 204-0969	5/24/2017	6/1/2017	<p>Request to substitute the following in lieu of specified products in Section 098433, Sound-Absorbing Wall Units:</p> <p>AVL Systems, AcousTech Endure</p>	1. Refer to Addendum 6.
23	Roger Stoeckel, Owner Shade Aire Company 7511 Grace Dr. Roscoe, IL 61073 815 623-7597 815 623-8541 fax 815 543-0612 cell	5/25/2017	6/1/2017	<p>Dwg A0450/2/3/5/6/8 indicates shade brackets mounted to head of structural steel and/or concrete.</p> <p>1. With the difficulty of attaching a finish product to steel and/or concrete, can we mount to face of window frame?</p> <p>Specification 122413, 2.2, B., 2. reads "... Regular, from BACK of roller." Dwg A0450/2/3/5/6/8 shows fabric rolling off ROOM SIDE (reverse roll) of roller. 2. Is a Regular Roll (off window side of roller) intended?</p> <p>Specifications 122413, 1.4, A., 1. (Extra Material) reads "Roller Shades: 1 Shade for each window size up to 4 openings."Some window OPENINGS receive more than one shade. 3. Please clarify more fully EXTRA MATERIAL requirements 4. Does "Extra Material" pertain to motorized shades?</p>	<p>1. No, it is not acceptable to mount window shades to the window frame. Please coordinate installation of window shades for each location per details and specification.</p> <p>2. Refer to specification over drawings. Intent is for regular roll off the window side.</p> <p>3. Refer to Addendum 6. Extra materials are not required for motorized shades.</p>

ID	From	Received	Response Date	Question	Answer
24	David Dinges Project Manager / Estimator Stenstrom General Contractor - Design / Build Group 2420 20th St. Rockford, IL 61104 (815) 398-2420 DaveD@rstenstrom.com	5/26/2017	6/1/2017 6/6/2017	Please confirm if it is the intent of Addendum No. 5 that Substantial Completion date of 7/18/2018 has not changed on the base bid.  Please consider switching the base bid construction schedule with the Alternate No. 8 construction schedule. This would allow General Contractors and the Owner to receive realistic construction bid proposals on the base bid for building completion of April 15, 2019 and accurate costs for the Alternate excellerated schedule.	1. Refer to Addendum 6 and <b>Addendum 7</b> .
25	Jim Gonya jgonya@republicstorage.com	5/30/2017		Request to substitute the following in lieu of specified products in Section 105113, Metal Lockers:  Republic Storage Products	
26	Greg Olson Section 8 Doors & Hardware, LLC. 815-385-5977 gregsection8@aol.com	6/1/2017	6/6/2017	On Addendum #5 the Architect changed 15 hardware sets with a note that said not used, they were used and were not replaced with new ones, this effects 44 openings.	Refer to Addendum 7.
27	Scott Beaver sbeavers.sbs@gmail.com Security Builders Supply Co. 5077 American Rd. Rockford, IL 61109 Phone (815) 873-1040 Fax (815) 873-1042	6/1/2017	6/6/2017	Per addenda No. 5 there are 17 Hardware sets that are not to be used. This effects 49 different openings. What hardware sets do we assign to these 49 openings?	Refer to Addendum 7.
28	Joe Madonia Estimator IHC Construction Companies, LLC (847) 742-1516 jmadonia@ihcconstruction.com	6/2/2017	6/6/2017	Is a new Sheet A1006 Door Schedule being issued? Addendum # 5 Specification hardware schedule has eliminated hardware sets that are still on the Plan Sheet A1006 door schedule.	Refer to Addendum 7.
29	Kyle Warner Estimator   Mechanical Inc. Direct: 815-297-6047 Fax: 815-297-9075 www.helmgroup.com	6/2/2017		Please clarify which type of actuator is required for the motorized control dampers as shown on Drawing M0101A-1. Keynote 3 calls out for battery back-up, while specification section 230900 – 26 B. lists a spring loaded mechanism for power-failure.	1. Storm shelter’s intake and relief damper actuators shall be electronic type with spring loaded fail safe (fail open) option equivalent to Belimo AF series actuator. Electrical power for each damper actuator shall be connected to a new UPS located in storage room 310.2.  2. Mechanical contractor shall provide and install storm shelter’s relief and intake dampers, damper actuators shall be provided and installed by controls contractor. Electrical contractor shall provide the new UPS and required power connections from the UPS to each damper actuator, see electrical drawing E0402 for UPS installation location.



BID FORM

To: Rockford Public School District 205  
501 7<sup>th</sup> Street  
Rockford, Illinois 61104

In compliance with your Invitation for Bids, the undersigned,

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(Name of firm, partnership or Corporation)

hereby proposes to furnish all labor and materials and perform all general work for the construction of the in strict accordance with the Project Manual dated March 1, 2017 and the Drawings mentioned therein, and including any subsequently issued addenda for consideration of the following amount:

Base Bid \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

ALTERNATES

Refer to Division 01 Section 012300 – Alternates for description of Alternates.

Alternate Bid #1A: ADD Kindergarten Room Cubbies

Bid Amount \$\_\_\_\_\_.

Alternate Bid #1B: ADD Kindergarten Room Wall Cabinets

Bid Amount \$\_\_\_\_\_.

Alternate Bid #2: ADD Display Cases & Tack Surface

Bid Amount \$\_\_\_\_\_.

Alternate Bid #3: ADD Library Casework

Bid Amount \$\_\_\_\_\_.

Alternate Bid #4: ADD Increase Generator Capacity & Transfer Switch

Bid Amount \$\_\_\_\_\_.

Alternate Bid #5: ADD Parking Spaces at Bus Loop

Bid Amount \$\_\_\_\_\_.

Alternate Bid #6: ADD Water Main Enhancements

Bid Amount \$\_\_\_\_\_.

Alternate Bid #7: ADD New Traffic Signal

Bid Amount \$\_\_\_\_\_.

PROJECT MILESTONE DATES

1. Last RFI - 6/13/17
2. Final Addendum - 6/15/17
3. Bid Due - 6/20/17
4. Board Approval - 6/27/17
5. North Access and Catlin St. Traffic Protection Barrier - 7/24/17 thru 8/11/17
6. Area A and B Available - 9/18/17
7. Area C Available - 5/1/18
8. Building Substantial Completion - (on or Before) 4/1/19
9. Building Final Completion - (on or before) 4/15/19
10. Existing School Demolition - 6/10/19 thru 8/2/19
11. Area D/ Final Sitework Complete - 9/6/19

If written notice of the acceptance of this Bid is mailed, telegraphed, or delivered to the undersigned at any time prior to the date set for the expiration of the Bid Security, the undersigned will, within ten (10) days after the notice, execute and deliver a contract in accordance with the required Form of the Agreement and give Performance and Payment Bond, if so required, in accordance with the Bid as accepted.

The undersigned acknowledges that the bidder has adequate equipment to do the work properly and expeditiously:

The undersigned hereby designates as his office to which such notice of acceptance may be mailed, telegraphed or delivered:

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This Bid may be withdrawn at any time prior to the scheduled time for the opening of Bids or any authorized postponement thereof.

Caution: This Bid may be rejected if not accompanied by a guarantee in the specified amount. Any certified check may be held uncollected at risk of Bidders submitting them.

Addendum Receipt: The receipt of the following addenda to the Specifications is acknowledged:

Addendum No. _____	Date _____	Addendum No. _____	Date _____
Addendum No. _____	Date _____	Addendum No. _____	Date _____
Addendum No. _____	Date _____	Addendum No. _____	Date _____

Submittals, as required by the Instructions/Supplementary Instructions to Bidders, shall be completed and delivered to the Architect, by the two (2) or three (3) low bidders, within three working days after the Bid opening.

Dated \_\_\_\_\_, 2017

\_\_\_\_\_  
Legal name of person, partnership or corporation

(Sign Bid Here) By:

\_\_\_\_\_  
Name and Title

Legal Business Address:

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City and State

### UNIT PRICES

Should the amount of work required for this project be increased or decreased due to changes in design or conditions at the site, the undersigned agrees that the following unit prices will be the basis for an increase or decrease to the contract amount.

Refer to Division 01 Section 012200 – Unit Prices for description of Unit Prices.

Unit Price No. 1: For over excavation, hauling spoils off-site and breaker run aggregate (2" -3") material at locations where unsuitable soils are encountered at roadways. \$\_\_\_\_\_/cubic yard.

Unit Price No.2:  
Furnish and install fabric stabilization at roadway.  
\$\_\_\_\_\_/square yard

Unit Price No. 3: For over excavation, hauling spoils off-site and compacted granular fill material at locations where unsuitable soils are encountered at the building foundations.  
\$\_\_\_\_\_/cubic yard.

Unit Price No.4:  
For over excavation, hauling spoils off-site and compacted granular fill material at locations where unsuitable soils are encountered at building pad/paved areas.  
\$\_\_\_\_\_/cubic yard

### ALLOWANCES:

The following material cost allowances have been included in the Base Bid and should the following allowance exceed or be less than the cost of selected items, the difference in cost shall be added to, or credited to the Owner's Contract.

Refer to Division 01 Section 012100 – Allowances for description of Allowances.

Allowance No. 1: Include 800 cubic yards of over-excavation, hauling spoils off-site and breaker run aggregate (2" -3") material at locations where unsuitable soils are encountered at the Roadway.

Allowance No.2: Include 1100 square yards of fabric stabilization at roadways.

Allowance No.3: Include 100 cubic yards of over excavation, hauling spoils off-site and compacted granular fill material at locations where unsuitable soils are encountered at the building foundations.

Allowance No.4: Include 700 cubic yards of over excavation, hauling spoils off-site and compacted granular fill material at locations where unsuitable soils are encountered at building pad/paved areas.

Allowance No. 5: Include the sum of \$15,000 for temporary site lighting in front of existing school along Catlin Street.

LIST MAJOR SUBCONTRACTORS/VALUES

1. EARTHWORK SUBCONTRACTOR \_\_\_\_\_ \$ \_\_\_\_\_
2. SITE UTILITIES SUBCONTRACTOR \_\_\_\_\_ \$ \_\_\_\_\_
3. CONCRETE \_\_\_\_\_ \$ \_\_\_\_\_
4. MASONRY \_\_\_\_\_ \$ \_\_\_\_\_
5. STEEL FABRICATION \_\_\_\_\_ \$ \_\_\_\_\_
6. ROOFING \_\_\_\_\_ \$ \_\_\_\_\_
7. WINDOWS \_\_\_\_\_ \$ \_\_\_\_\_
8. PLUMBING \_\_\_\_\_ \$ \_\_\_\_\_
9. HVAC SUBCONTRACTOR \_\_\_\_\_ \$ \_\_\_\_\_
  - a) HVAC CONTROLS SUBCONTRACTOR \_\_\_\_\_
10. ELECTRICAL SUBCONTRACTOR \_\_\_\_\_ \$ \_\_\_\_\_
  - a) TECHNOLOGY SYSTEMS SUBCONTRACTOR \_\_\_\_\_
  - b) FIRE ALARM SYSTEM SUBCONTRACTOR \_\_\_\_\_

**IF BIDDER IS A FIRM OR PARTNERSHIP, COMPLETE THE FOLLOWING:**

Name of Members or Partners

Legal Residence

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**IF BIDDER IS A CORPORATION, COMPLETE THE FOLLOWING:**

State of Incorporation: \_\_\_\_\_

Name and Title

Legal Residence

\_\_\_\_\_  
President

\_\_\_\_\_  
Vice President

\_\_\_\_\_  
Secretary

Bidders References: Each contractor is to submit a list of reference as indicated on AIA A305-1986.

**DIRECTION FOR MAILING**

Envelopes containing Bids, Guarantees, etc., must be sealed, marked and addressed in lower left hand corner as follows:

Bid For:  
School B, Zone 1  
Rockford, IL

Address:  
Rockford Public School District 205  
501 7<sup>th</sup> Street  
Rockford, Illinois 61104

Attention: Cannon Design

**BID PROPOSAL CERTIFICATIONS**

Firm Name \_\_\_\_\_

Business Address \_\_\_\_\_

Telephone Number \_\_\_\_\_ Date of Bid \_\_\_\_\_

**I. General Bid Certification**

The bidder certifies that he will furnish, at the prices herein quoted, the materials, equipment and/or services as proposed on this bid.

**II. Non-Collusive Bidding Certifications:** By submission of this bid proposal, the bidder also certifies compliance with the following:

1. Statement of Non-Collusion in Bids and Proposals to Political Subdivision of the State: Every bid or proposal hereafter made to a political subdivision of the state or any public department, agency or official thereof where competitive bidding is required by statute, rule, regulation, or local law, for work or services performed or to be performed or goods sold or to be sold, shall contain the following statement subscribed by the bidder and affirmed by such bidder as true under the penalties of perjury: Non-collusive bidding certification.

(a) By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

- (1) The prices in this bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
- (2) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder to any competitor; and
- (3) No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

(b) A bid shall not be considered for award nor shall any award be made where (a)(1), (a)(2) and (a)(3) above have not been complied with; provided, however, that if in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefore. Where (a)(1), (a)(2) and (a)(3) above have not been complied with, the bid shall not be considered for award nor shall any award be made unless the head of the purchasing unit of the political subdivision, public department, agency or official thereof to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting completions.

The fact that a bidder (a) has published price lists, rates, or tariffs covering items being procured, (b) has informed prospective customers of proposed or pending publication of new or revised price lists for such items, or (c) has sold the same items to other customers at the same prices being bid, does not constitute, without more, a disclosure within the meaning subparagraph one (a).

2. Any bid hereafter made to any political subdivision of the state or any public department, agency or official thereof by a corporate bidder for work of services performed or to be performed or goods sold or not to be sold, where competitive bidding is required by statute, rule, regulation, or local law, and where such bid contains the certification referred to in subdivision one of the section, shall be deemed to have been authorized by the board of directors of the bidder, and such authorization shall be deemed the board of directors of the bidder, and such authorization shall be deemed to include the signing and submission of the bid and the inclusion therein of the certificate as to non-collusion as the act and deed of the corporation.

Signature (Authorized) \_\_\_\_\_

Title \_\_\_\_\_

**WAIVER OF IMMUNITY CLAUSE**

The bidder hereby agrees to the provisions of the applicable General Municipal Law which requires that upon the refusal of person, when called before a grand Jury to testify concerning any transaction or contract had with the State, any political subdivision thereof, a public authority or with any public department, agency or official of the state or of any political subdivision thereof or of a public authority, to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning such transaction or contract.

- (a) Such person, any firm, partnership, or corporation of which he is a member, partner, director or officer shall be disqualified from thereafter selling to or submitting bids to or receiving awards from or entering into any contracts with any municipal corporation or any public department, agency or official thereof, for goods, work or services, for a period of five years after such refusal, and
- (b) Any and all contracts made with any municipal corporation or any public department, agency or official thereof, since the effective date of this law, by such person, and by any firm, partnership, or corporation of which he is a member, partner, director or officer may be canceled or terminated by the municipal corporation without incurring any penalty or damages on account of such cancellation or termination, but any monies owing by the municipal corporation for goods delivered or work done prior to the cancellation or termination shall be paid.

\_\_\_\_\_  
Individual

\_\_\_\_\_  
Corporation

Date \_\_\_\_\_ By: \_\_\_\_\_



AFFIRMATIVE ACTION AGREEMENT

Firm Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Non-discrimination Clauses:

1. The Contractor will not discriminate against any employee or applicant for employment because of race, creed, sex, color or national origin and will take affirmative action to insure that they are afforded equal employment opportunities without discrimination because of race, creed, sex, color or national origin. Such action shall be taken with reference, but not limited to: recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff or termination, rates of pay or other forms of compensation, and selection for training or retraining, including apprenticeship and on-the-job training.
2. The Contractor will send to each labor union or representative of workers with which he has or is bound by a collective bargaining or other agreement or understanding, a notice, to be provided by the State Commission for Human Rights, advising such labor union or representative of the Contractor's agreement under clauses (1) through (7) (hereinafter called "non-discrimination clauses"). If the Contractor was directed to do so by the contracting agency as part of the bid or negotiation of this Contract, the Contractor shall request such labor union or representative to furnish him with a written statement that such labor union or representative will not discriminate because of race, creed, sex, color or national origin and that such labor union or representative either will affirmatively cooperate, within the limits of its legal and contractual authority, in the implementation of the policy and provisions of these non-discrimination clauses or that it consents and agrees that recruitment, employment and the terms and conditions of employment under this Contract shall be in accordance with the purposes and provisions of these non-discrimination clauses. If such labor union or representative fails or refuses to comply with such a request that it furnish such a statement, the Contractor shall promptly notify the State Commission for Human Rights of such failure or refusal.
3. The Contractor will post and keep posted in conspicuous places, available to employees and applicants for employment, notices to be provided by the State Commission for Human Rights setting forth the substance of the provisions of clauses (1) and (2) and such provisions of the State's laws against discrimination as the State Commission for Human Rights shall determine.
4. The Contractor will state, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, that all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, sex, color or national origin.
5. The Contractor will comply with the provisions of Sections 291-299 of the Executive Law and the Civil Rights Law, will furnish all information and reports deemed necessary by the State Commission for Human Rights under these non-discrimination clauses and such sections of the Executive Law, and will permit access to his books, records and accounts by the State Commission for Human Rights, the Attorney General and the Industrial Commissioner for the purposes of investigation to ascertain compliance with these non-discrimination clauses and such sections of the Executive Law and Civil Rights Law.

6. This Contract may be forthwith canceled, terminated or suspended, in whole or in part, by the contracting agency upon the basis of a finding made by the State Commission for Human Rights that the Contractor has not complied with these non-discrimination clauses, and the Contractor may be declared ineligible for future contracts made by or on behalf of the State or a public authority or agency of the state, until he satisfies the State Commission for Human Rights that he has established and is carrying out a program in conformity with the provisions of these non-discrimination clauses. Such finding shall be made by the State Commission for Human Rights after conciliation efforts by the Commission have failed to achieve compliance with these non-discrimination clauses and after a verified complaint has been filed with the Commission, notice thereof has been given to the Contractor and an opportunity has been afforded him to be heard publicly before three members of the Commission. Such sanctions may be imposed and remedies invoked dependently of or in addition to sanctions and remedies otherwise provided by law.
7. The Contractor will include the provisions of clauses (1) through (6) in every subcontract or purchase order in such a manner that such provisions will be binding upon each subcontractor or vendor as to operations to be performed within the State of Illinois. The Contractor will take such action in enforcing such provisions of such subcontract or purchase order as the contracting agency may direct, including sanctions or remedies for non-compliance. If the Contractor becomes involved in or is threatened with litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the Contractor shall promptly so notify the Attorney General, requesting him to intervene and protect the interests of the State of Illinois.

Signature (Authorized) \_\_\_\_\_

Title \_\_\_\_\_

END OF BID FORM

## SECTION 080671 – DOOR HARDWARE SETS

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This Section references specification sections relating to commercial door hardware for the following:
    - 1. Swinging doors.
    - 2. Sliding Doors.
    - 3. Other doors to the extent indicated.
  - B. Commercial door hardware includes, but is not necessarily limited to, the following:
    - 1. Mechanical door hardware.
    - 2. Electromechanical and access control door hardware.
    - 3. Electromechanical and access control door hardware power supplies, back-ups and surge protection.
    - 4. Automatic operators.
    - 5. Cylinders specified for doors in other sections.
  - C. Related Sections:
    - 1. Division 08 Section "Hollow Metal Doors and Frames".
    - 2. Division 08 Sections "Flush and Clad Wood Doors".
    - 3. Division 08 Section "Aluminum Framed Entrances and Storefronts".
    - 4. Division 08 Section "Door Hardware".
    - 5. Division 28 Section "Access Control".
  - D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
    - 1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
    - 2. ICC/IBC - International Building Code.
    - 3. NFPA 70 - National Electrical Code.
    - 4. NFPA 80 - Fire Doors and Windows.
    - 5. NFPA 101 - Life Safety Code.
    - 6. NFPA 105 - Installation of Smoke Door Assemblies.
    - 7. State Building Codes, Local Amendments.
  - E. Standards: Reference Related Sections for requirements regarding compliance with applicable industry standards.
- #### 1.3 SUBMITTALS
- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.

- B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
    - 1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
    - 2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
    - 3. Content: Include the following information:
      - a. Type, style, function, size, label, hand, and finish of each door hardware item.
      - b. Manufacturer of each item.
      - c. Fastenings and other pertinent information.
      - d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
      - e. Explanation of abbreviations, symbols, and codes contained in schedule.
      - f. Mounting locations for door hardware.
      - g. Door and frame sizes and materials.
    - 4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
  - C. Keying Schedule: Prepared under the supervision of the Owner, separate schedule detailing final keying instructions for locksets and cylinders in writing. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner to approve submitted keying schedule prior to the ordering of permanent cylinders.
  - D. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.
  - E. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Submittals. The manual to include the name, address, and contact information of the manufacturers providing the hardware and their nearest service representatives. The final copies delivered after completion of the installation test to include "as built" modifications made during installation, checkout, and acceptance.
  - F. Warranties and Maintenance: Special warranties and maintenance agreements specified in the Related Sections.
- 1.4 QUALITY ASSURANCE
- A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum [5] years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.

- B. Installer Qualifications: Installers, trained by the primary product manufacturers, with a minimum [3] years documented experience installing both standard and electrified builders hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- C. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum [5] years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor in good standing by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.
- D. Source Limitations: Obtain each type and variety of Door Hardware specified in the Related Sections from a single source, qualified supplier unless otherwise indicated.
- E. Regulatory Requirements: Comply with NFPA 70, NFPA 80, NFPA 101 and ANSI A117.1 requirements and guidelines as directed in the applicable model building code.
- F. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.

#### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.
- B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.
- C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

#### 1.6 COORDINATION

- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.
- B. Door and Frame Preparation: Division 08 Sections (Steel, Aluminum and Wood) doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

#### 1.7 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

## PART 2 - PRODUCTS

### 2.1 SCHEDULED DOOR HARDWARE

- A. Refer to "PART 3 – EXECUTION" for required specification sections.

## PART 3 - EXECUTION

### 3.1 DOOR HARDWARE SETS

- A. The door hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
- B. The supplier is responsible for handing and sizing all products as listed in the door hardware sets. Quantities listed are for each pair of doors, or for each single door.
- C. Products listed in the Door Hardware Sets must meet the requirements described in the specification sections noted.
1. Section 08 71 00 – Door Hardware.
- D. Manufacturer's Abbreviations:

1. MK - McKinney
2. PE - Pemko
3. RF - Rixson
4. RO - Rockwood
5. SA - Sargent
6. SU - Securitron
7. HS - HES
8. FO - Folger Adam
9. NO - Norton

## Hardware Sets

### Set: AC1.00

2 Continuous Hinge	MCK-25HD SER-12	CL	MK
1 Exit Device	43 53 55 56-HK 8810	630	SA
1 Exit Device	43 53 55 56-HK 8804	630	SA
2 Pull	RM201	630	RO
2 Concealed Overhead Stop	6 SERIES	630	RF
1 Door Closer	J7500	689	NO
1 Door Operator (Push Side)	6060	689	NO
1 Threshold	273x224AFGT		PE
2 ElectroLynx Harness	QC-C006		MK
2 ElectroLynx Harness	QC-C1500P		MK
1 Actuator Switch (Wall Mount)	505		NO

1	Actuator Switch (Vestibule) Switch	504	NO
1	Card Reader	BY DIVISION 28	
2	Door Position Switch	BY DIVISION 28	
1	Power Supply	BPS-24-x (size supply as required per plans)	SU
1	Push Button	BY DIVISION 28	
1	Aiphone	BY DIVISION 28	

Notes: Fixed mullion and weather strip by aluminum door and frame manufacturer.

Keyed exit device to be mounted on RHR door, automatic operator to be mounted on LHR door.

BPS power supply to be used for openings 100A, 100B, 100C, and 100D. Power supply to be appropriately sized to accommodate all exit devices at each opening.

Operation: Doors normally closed and locked. Egress allowed at all times. Doors can be unlocked for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors, allowing the doors to be pulled open and also, when the exterior ADA push button is engaged, will enable the automatic operator. Exit devices have internal switches to monitor the latchbolt status and have request to exit (REX) switches to shunt the door position switches. Depressing the actuator switch on the pull side of the doors, when the operator is enabled, signals the operator to automatically open the LHR door. Doors can also be opened by remote push button operation from the office area through Aiphone request, which will also enable the operator. Depressing the actuator switch on the push side of the doors will retract the exit device latchbolt on the LHR door and signal the operator to automatically open the door. In the event of power failure or fire alarm activation the doors will remain locked - FAIL-SECURE.

**Set: AC1.01**

2	Continuous Hinge	MCK-25HD SER-12	CL	MK
2	Exit Device	43 53 55 56-HK 8810	630	SA
2	Pull	RM201	630	RO
2	Concealed Overhead Stop	6 SERIES	630	RF
2	Door Closer	J7500	689	NO
1	Threshold	273x224AFGT		PE
2	ElectroLynx Harness	QC-C006		MK
2	ElectroLynx Harness	QC-C1500P		MK
2	Door Position Switch	BY DIVISION 28		
1	Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Fixed mullion and weather strip by aluminum door and frame manufacturer.

Operation: Doors normally closed and secured. Egress allowed at all times. Doors can be opened for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Exit devices have internal switches to monitor the latchbolt status and have request to exit (REX) switches to shunt the door position switches. In the event of power failure or fire alarm activation the doors will remain secured - FAIL-SECURE.

**Set: AC1.02**

2	Continuous Hinge	MCK-25HD SER-12	CL	MK
1	Exit Device	43 55 56-HK 8810	630	SA
1	Exit Device	43 55 56-HK 8804	630	SA
2	Pull	RM201	630	RO
2	Concealed Overhead Stop	6 SERIES	630	RF
2	Door Closer	J7500	689	NO

1 Threshold	273x224AFGT	PE
2 ElectroLynx Harness	QC-C006	MK
2 ElectroLynx Harness	QC-C1500P	MK
1 Card Reader	BY DIVISION 28	
2 Door Position Switch	BY DIVISION 28	
1 Power Supply	BPS-24-x (size supply as required per plans)	SU

Notes: Fixed mullion and weather strip by aluminum door and frame manufacturer.

Operation: Doors normally closed and locked. Egress allowed at all times. Doors can be opened for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors, allowing the doors to be pulled open. Exit devices have internal request to exit (REX) switches to shunt the door position switches. In the event of power failure or fire alarm activation the doors will remain secured - FAIL-SECURE.

**Set: AC1.03**

2 Continuous Hinge	MCK-25HD SER-12	CL	MK
1 Exit Device	43 53 55 56-HK 8810	630	SA
1 Exit Device	43 53 55 56-HK 8804	630	SA
2 Pull	RM201	630	RO
2 Concealed Overhead Stop	6 SERIES	630	RF
1 Door Closer	J7500	689	NO
1 Door Operator (Push Side)	6060	689	NO
2 ElectroLynx Harness	QC-C006		MK
1 Wiring Diagram	WD-SYSPK		
2 ElectroLynx Harness	QC-C1500P		MK
1 Actuator Switch (Wall Mount)	505		NO
1 Card Reader	BY DIVISION 28		
1 Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Fixed mullion by aluminum door and frame manufacturer.

Keyed exit device to be mounted on RHR door, automatic operator to be mounted on LHR door.

Operation: Doors normally closed and locked. Egress allowed at all times. Doors can be unlocked for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors, allowing the doors to be pulled open. Exit devices have internal switches to monitor the latchbolt status. Depressing the actuator switch on the pull side of the doors, when the operator is enabled, signals the operator to automatically open the LHR door. Depressing the actuator switch on the push side of the doors will retract the exit device latchbolt on the LHR door and signal the operator to automatically open the door. In the event of power failure or fire alarm activation the doors will remain locked - FAIL-SECURE.

**Set: AC1.04**

2 Continuous Hinge	MCK-25HD SER-12	CL	MK
2 Exit Device	43 53 56-HK 8810	630	SA
2 Pull	RM201	630	RO
2 Concealed Overhead Stop	6 SERIES	630	RF
2 Door Closer	J7500	689	NO
2 ElectroLynx Harness	QC-C006		MK



2 ElectroLynx Harness	QC-C1500P	MK
1 Power Supply	BPS-24-x (size supply as required per plans)	SU

Notes: Fixed mullion by aluminum door and frame manufacturer.

Operation: Doors normally closed and secured. Egress allowed at all times. Doors can be opened for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Exit devices have internal switches to monitor the latchbolt status. In the event of power failure or fire alarm activation the doors will remain secured - FAIL-SECURE.

**Set: AC1.05**

1 Continuous Hinge	MCK-25HD SER-12	CL	MK
1 Exit Device	43 53 55 56-HK 8804	630	SA
1 Pull	RM201	630	RO
1 Concealed Overhead Stop	6 SERIES	630	RF
1 Door Closer	J7500	689	NO
1 Threshold	278x224AFGT x length as required		PE
1 ElectroLynx Harness	QC-C006		MK
1 ElectroLynx Harness	QC-C1500P		MK
1 Card Reader	BY DIVISION 28		
1 Door Position Switch	BY DIVISION 28		
1 Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Weather strip by aluminum door and frame manufacturer.

BPS power supply to be used for openings 121A, 121B, 121C, & 311A, 311B, 311C, & 329A, 329B, 329C. Power supply to be appropriately sized to accommodate all exit devices at each opening.

Operation: Door normally closed and locked. Egress allowed at all times. Door can be unlocked for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolt, allowing the door to be pulled open. Exit device has an internal switch to monitor the latchbolt status and a request to exit (REX) switch to shunt the door position switches. In the event of power failure or fire alarm activation the door will remain locked - FAIL-SECURE.

**Set: AC1.06 NOT USED**

**Set: AC1.07**

2 Continuous Hinge	MCK-25HD SER-12	CL	MK
1 Exit Device	43 55 56-HK 8810	630	SA
1 Exit Device	43 55 56-HK 8804	630	SA
2 Pull	RM201	630	RO
2 Concealed Overhead Stop	6 SERIES	630	RF
2 Door Closer	J7500	689	NO
1 Threshold	273x224AFGT		PE
1 ElectroLynx Harness	QC-C006		MK
1 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BPS-24-2		SU
1 Card Reader	BY DIVISION 28		
1 Door Position Switch	BY DIVISION 28		

Notes: Weatherstrip by aluminum door and frame manufacturer.

Operation: Doors normally closed and locked. Egress allowed at all times. Doors can be opened for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Entry by mechanical key operation or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors, allowing the doors to be pulled open. Exit devices have internal request to exit (REX) switches to shunt the door position switches. In the event of power failure or fire alarm activation the doors will remain secured - FAIL-SECURE.

**Set: AC2.00**

1 Continuous Hinge	MCK-12HD	CL	MK
1 Continuous Hinge	MCK-12HD SER-12	CL	MK
2 Flush Bolt	555	626	RO
1 Dust Proof Strike	570	626	RO
1 Fail Secure Electric Lock	RX 8271 LL	630	SA
2 Surface Overhead Holder	9 SERIES	630	RF
2 Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
2 Armor Plate	K1050 36" x 2" LDW 4BE CSK	630	RO
1 Threshold	252x3AFG		PE
2 Sweep	315CN		PE
1 ElectroLynx Harness	QC-C206		MK
1 ElectroLynx Harness	QC-C1500P		MK
1 Card Reader	BY DIVISION 28		
2 Door Position Switch	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Notes: Weatherstripping integral with thermally broken frame.

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the lockset outside trim allowing entry. Lockset has an internal request to exit switch (REX) to shunt the door position switch. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC2.01**

1 Continuous Hinge	MCK-12HD	CL	MK
1 Continuous Hinge	MCK-12HD SER-12	CL	MK
2 Flush Bolt	555	626	RO
1 Dust Proof Strike	570	626	RO
1 Fail Secure Electric Lock	RX 8271 LL	630	SA
2 Surface Overhead Stop	9 SERIES	630	RF
2 Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1 Threshold	252x3AFG		PE
2 Sweep	315CN		PE
1 ElectroLynx Harness	QC-C206		MK
1 ElectroLynx Harness	QC-C1500P		MK
1 Card Reader	BY DIVISION 28		
2 Door Position Switch	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Notes: Weatherstripping integral with thermally broken frame.

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the lockset outside trim allowing entry. Lockset has an internal request to exit switch (REX) to shunt the door position switches. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC2.02 NOT USED**

**Set: AC2.03**

1 Continuous Hinge	MCK-12HD SER-12	CL	MK
1 Fail Secure Electric Lock	RX 8271 LL	630	SA
1 Surface Overhead Stop	9 SERIES	630	RF
1 Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1 Threshold	252x3AFG		PE
1 Rain Guard	346C		PE
1 Sweep	315CN		PE
1 ElectroLynx Harness	QC-C206		MK
1 ElectroLynx Harness	QC-C1500P		MK
1 Card Reader	BY DIVISION 28		
1 Door Position Switch	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Notes: Weatherstripping integral with thermally broken frame.

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the lockset outside trim allowing entry. Lockset has an internal request to exit switch (REX) to shunt the door position switch. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC3.00**

2 Continuous Hinge	MCK-FM300 EL-12	630	MK
1 Exit Device	43 56 NB8706 ETL	630	SA
1 Exit Device	43 56 NB8710 ETL	630	SA
2 Door Closer (Parallel Arm)	PR7500	689	NO
2 Electromagnetic Holder	998	689	RF
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
2 Door Bottom	313AN		PE
1 Astragal	S772D		PE
2 ElectroLynx Harness	QC-C006		MK
1 Wiring Diagram	WD-SYSPK		
2 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BPS-24-x (size supply as required per plans)		SU
1 Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the

building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.01

2 Continuous Hinge	MCK-FM300 EL-12	630	MK
1 Exit Device	43 56 NB8706 ETL	630	SA
1 Exit Device	43 56 NB8710 ETL	630	SA
2 Door Closer (Parallel Arm)	PR7500	689	NO
2 Electromagnetic Holder	998	689	RF
2 Silencer - Metal Frame	608		RO
2 ElectroLynx Harness	QC-C006		MK
1 Wiring Diagram	WD-SYSPK		
2 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BPS-24-x (size supply as required per plans)		SU
1 Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.02

2 Continuous Hinge	MCK-FM300 EL-12	630	MK
1 Exit Device	43 56 NB8706 ETL	630	SA
1 Exit Device	43 56 NB8710 ETL	630	SA
2 Door Closer (Parallel Arm)	PR7500	689	NO
2 Electromagnetic Holder	998	689	RF
1 Set Gasketing	S88D		PE
1 Astragal	S772D		PE
2 ElectroLynx Harness	QC-C006		MK
1 Wiring Diagram	WD-SYSPK		
2 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BPS-24-x (size supply as required per plans)		SU
1 Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and lock. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

Set: AC3.03

2 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1 Exit Device	43 56 8804 ETL	630	SA
1 Door Closer (Parallel Arm)	PR7500	689	NO
1 Electromagnetic Holder	998	689	RF
1 Set Gasketing	S88D		PE
1 ElectroLynx Harness	QC-C006		MK
1 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BPS-24-x (size supply as required per plans)		SU
1 Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Door can be held open at designated times by the electromagnetic holder which is tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

**Set: AC3.04**

5 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1 Flush Bolt Set	2845	626	RO
1 Dust Proof Strike	570	626	RO
1 Exit Device	12 43 56 76 8904 ETL	630	SA
2 Door Closer (Stop Arm)	CPS7500	689	NO
2 Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
1 Set Gasketing	S88D		PE
1 Astragal	S772D		PE
1 ElectroLynx Harness	QC-C006		MK
1 Wiring Diagram	WD-SYSPK		
1 ElectroLynx Harness	QC-C1500P		MK
<del>1 Card Reader</del>	<del>BY SECURITY CONTRACTOR</del>		
<del>1 Door Position Switch</del>	<del>BY SECURITY CONTRACTOR</del>		
<del>2 Door Position Switch</del>	<del>BY SECURITY CONTRACTOR</del>		
1 Power Supply	BPS-24-x (size supply as required per plans)		SU
1 Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

**Set: AC3.05**

2 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1 Exit Device	43 56 8804 ETL	630	SA
<del>1 Door Closer (Parallel Arm)</del>	<del>PR7500</del>	<del>689</del>	<del>NO</del>
<b>1 Door Closer (Top Jamb)</b>	<b>J7500</b>	<b>689</b>	<b>NO</b>
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO

1 Threshold	151A	PE
1 Set Gasketing	S88D	PE
1 Door Bottom	313AN	PE
1 ElectroLynx Harness	QC-C006	MK
1 ElectroLynx Harness	QC-C1500P	MK
1 Power Supply	BPS-24-x (size supply as required per plans)	SU
1 Card Reader	BY DIVISION 28	

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

**Set: AC3.06**

2 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1 Exit Device	12 43 55 56 8804 ETL	630	SA
<del>1 Door Closer (Parallel Arm)</del>	<del>PR7500</del>	<del>689</del>	<del>NO</del>
<b>1 Door Closer (Top Jamb)</b>	<b>J7500</b>	<b>689</b>	<b>NO</b>
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE
1 ElectroLynx Harness	QC-C006		MK
1 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BPS-24-x (size supply as required per plans)		SU
1 Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

**Set: AC3.07**

2 Continuous Hinge	MCK-FM300 EL-12	630	MK
1 Exit Device	43 56 NB8706 ETL	630	SA
1 Exit Device	43 56 NB8710 ETL	630	SA
2 Door Closer (Parallel Arm)	PR7500	689	NO
2 Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
2 Silencer - Metal Frame	608		RO
2 ElectroLynx Harness	QC-C006		MK
1 Wiring Diagram	WD-SYSPK		
2 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BPS-24-x (size supply as required per plans)		SU
1 Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open

position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and lock. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

**Set: AC3.08**

1 Continuous Hinge	MCK-25HD QC-12	CL	MK
1 Exit Device	43 56 8804 ETL	630	SA
1 Door Closer (Parallel Arm)	CPS7500	689	NO
1 ElectroLynx Harness	QC-C006		MK
1 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BPS-24-x (size supply as required per plans)		SU
1 Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Door can be held open at designated times by the electromagnetic holder which is tied into the building's alarm system. Entry by mechanical key or by presenting a valid credential to the card reader, which will retract the exit device latchbolt allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

**Set: AC4.00**

5 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Hinge (heavy weight)	T4A3786 QC12 4-1/2" x 4-1/2"	652	MK
1 Flush Bolt Set	2845	626	RO
1 Dust Proof Strike	570	626	RO
1 Storeroom Lock	76 10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	310-2-3/4OB	630	FO
2 Door Closer (Parallel Arm)	PR7500	689	NO
2 Wall Stop	406	630	RO
1 Set Gasketing	S88D		PE
1 Astragal	S772D		PE
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.01 NOT USED**

**Set: AC4.02 NOT USED**

**Set: AC4.03**

1 Continuous Hinge	MCK-25HD QC-12	CL	MK
1 Continuous Hinge	MCK-25HD	CL	MK

2 Flush Bolt	555	626	RO
1 Dust Proof Strike	570	626	RO
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	310-2-3/4OB	630	FO
1 Door Closer	J7500	689	NO
2 Wall Stop	406	630	RO
1 Threshold	151A		PE
2 Door Bottom	313AN		PE
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.04**

6 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
2 Flush Bolt	555	626	RO
1 Dust Proof Strike	570	626	RO
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
2 Concealed Overhead Stop	1 SERIES	630	RF
1 Door Closer (Reg Arm)	7500	689	NO
2 Armor Plate	K1050 36" x 1" LDW 4BE CSK	630	RO
2 Silencer - Metal Frame	608		RO
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.05**

6 Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
2 Flush Bolt	555	626	RO
1 Dust Proof Strike	570	626	RO
1 Storeroom Lock	28 10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Parallel Arm)	PR7500	689	NO
2 Wall Stop	406	630	RO
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will



remain locked - FAIL-SECURE.

**Set: AC4.06**

3 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
<del>1 Door Closer (Parallel Arm)</del>	<del>PR7500</del>	<del>689</del>	<del>NO</del>
<b>1 Door Closer (Top Jamb)</b>	<b>J7500</b>	<b>689</b>	<b>NO</b>
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.07**

3 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Concealed Overhead Stop	6 SERIES	630	RF
1 Door Closer (Reg Arm)	7500	689	NO
1 Armor Plate	K1050 36" x 2" LDW 4BE CSK	630	RO
3 Silencer - Metal Frame	608		RO
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.08**

3 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Parallel Arm)	PR7500	689	NO
1 Wall Stop	406	630	RO
3 Silencer - Metal Frame	608		RO
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.09**

3 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Surface Overhead Stop	9 SERIES	630	RF
1 Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
3 Silencer - Metal Frame	608		RO
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.10**

3 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Reg Arm)	7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.11**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Reg Arm)	7500	689	NO
1 Wall Stop	406	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE

1 Door Bottom	313AN	PE
1 Card Reader	BY DIVISION 28	
1 Power Supply	BY DIVISION 28 (From S2 Panel)	

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.12**

3 Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1 Storeroom Lock	76 10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Stop Arm)	CPS7500	689	NO
3 Silencer - Metal Frame	608		RO
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.13**

3 Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Stop Arm)	CPS7500	689	NO
3 Silencer - Metal Frame	608		RO
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.14**

3 Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Stop Arm)	CPS7500	689	NO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.15**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Reg Arm)	7500	689	NO
1 Wall Stop	409	630	RO
<del>3 Silencer - Metal Frame</del>	<del>608</del>		<del>RO</del>
<b>1 Threshold</b>	<b>151A</b>		<b>PE</b>
<b>1 Set Gasketing</b>	<b>S88D</b>		<b>PE</b>
<b>1 Door Bottom</b>	<b>313AN</b>		<b>PE</b>
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.16**

3 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Reg Arm)	7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.17**

3 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Reg Arm)	7500	689	NO

1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
1 Set Gasketing	S88D		PE
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.18**

3 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Lockset (storeroom)	10G04 LL	626	SA
1 SMART Pac Bridge Rectifier	2005M3		HS
1 Electric Strike	1006	630	HS
1 Door Closer (Reg Arm)	7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE
1 Card Reader	BY DIVISION 28		
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Door normally closed and locked. Egress allowed at all times. Entry by mechanical key or by presenting a valid credential to the card reader, which will release the electric strike allowing entry. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: AC4.19 NOT USED**

**Set: AC4.20 NOT USED**

**Set: AC5.00 (NOT USED)**

**Set: E1.00**

1 Continuous Hinge	MCK-25HD SER-12	CL	MK
1 Exit Device	43 53 55 56-HK 8810	630	SA
1 Pull	RM201	630	RO
1 Concealed Overhead Stop	6 SERIES	630	RF
1 Door Closer	J7500	689	NO
1 Threshold	278x224AFGT x length as required		PE
1 ElectroLynx Harness	QC-C006		MK
1 ElectroLynx Harness	QC-C1500P		MK
1 Door Position Switch	BY DIVISION 28		
1 Power Supply	BPS-24-x (size supply as required per plans)		SU

Notes: Weatherstrip by aluminum door and frame manufacturer.

Operation: Door normally closed and secured. Egress allowed at all times. Door can be unlocked for selected periods of time by hex key dogging or scheduled unlocking by the access control system. Exit device has an internal switch to monitor the latchbolt status and a request to exit (REX) switch to shunt the door position switch. In the event of power failure or fire alarm activation the door will remain locked - FAIL-SECURE.

**Set: E1.01**

1 Continuous Hinge	MCK-12HD	CL	MK
1 Exit Latch	8213 LL	626	SA
1 Surface Overhead Stop	9 SERIES	630	RF
1 Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1 Threshold	252x3AFG		PE
1 Rain Guard	346C		PE
1 Sweep	315CN		PE
1 Door Position Switch	BY DIVISION 28		

Notes: Weatherstripping integral with thermally broken frame.

Operation: Door position switch monitors the open/closed status of the door.

**Set: E2.00 NOT USED**

**Set: E2.01 NOT USED**

**Set: E2.02 NOT USED**

**Set: E2.03 NOT USED**

**Set: E3.00**

2 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Hinge (heavy weight)	T4A3786 QC8 4-1/2" x 4-1/2"	652	MK
1 Fail Secure Electric Lock	28 10G71-24V LL	626	SA
1 Surface Overhead Stop	9 SERIES	630	RF
1 Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1 Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
3 Silencer - Metal Frame	608		RO
1 ElectroLynx Harness	QC-C206		MK
1 Wiring Diagram	WD-SYSPK		
1 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key operation. Upon fire alarm activation or power failure, door will remain

locked - FAIL-SECURE.

**Set: E3.01**

1 Hinge	TA2714 QC8 4-1/2" x 4-1/2"	652	MK
2 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Fail Secure Electric Lock	28 10G71-24V LL	626	SA
1 Door Closer (Reg Arm)	7500	689	NO
1 Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
1 Set Gasketing	S88D		PE
1 Power Supply	BY DIVISION 28 (From S2 Panel)		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Entry by mechanical key operation. Upon fire alarm activation or power failure, door will remain locked - FAIL-SECURE.

**Set: E4.00**

3 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Passage Set	28 10U15 LL	626	SA
1 Door Closer (Reg Arm)	7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1 Electromagnetic Holder	998	689	RF
1 Set Gasketing	S88D		PE

Operation: Door can be held open by electromagnetic holder which is tied into the building's alarm system. Upon alarm activation the magnetic holder releases, and the door closes and latches.

**Set: E5.00**

3 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Classroom Lock	28 10G37 LL	626	SA
1 Door Closer (Parallel Arm)	PR7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Electromagnetic Holder	998	689	RF
1 Set Gasketing	S88D		PE

Operation: Door can be held open by electromagnetic holder which is tied into the building's alarm system. Upon alarm activation the magnetic holder releases, and the door closes and latches.

**Set: WS1.00**

1 Continuous Hinge	MCK-HG305	630	MK
1 Multi-Point Lock	FM7101 ECL	626	SA
1 Door Closer	7500ST	689	NO
1 Threshold	252x3AFG		PE
1 Set Gasketing	S88D		PE
1 Rain Guard	346C		PE
1 Sweep	315CN		PE
1 Door Position Switch	BY DIVISION 28		

Operation: Door position switch monitors the open/closed status of the door.

**Set: WS2.00**

2 Continuous Hinge	MCK-HG305 EL-12 83-1/8"	630	MK
1 Removable Mullion	HC980	PC	SA
2 Electric Multipoint Device	12 43 FM8774-24v ETL	630	SA
2 Door Closer (Parallel Arm)	PR7500	689	NO
2 Electromagnetic Holder	998	689	RF
1 Set Gasketing	S88D		PE
1 Astragal	S772D		PE
1 ElectroLynx Harness	QC-C006		MK
1 Wiring Diagram	WD-SYSPK		
1 ElectroLynx Harness	QC-C1500P		MK
1 Power Supply	BPS-24-2		SU
1 Card Reader	BY DIVISION 28		

Operation: Electrically controlled door opening. Doors normally closed and locked. Egress allowed at all times. Doors can be held open at designated times by electromagnetic holders which are tied into the building's alarm system. Entry by presenting a valid credential to the card reader, which will retract the exit device latchbolts on both doors allowing entry. If the doors are in the hold open position, fire alarm activation or power failure will release the magnetic holders, the doors will close, latch, and be locked. Upon fire alarm activation or power failure, if the doors are in the closed and secured position, the doors will remain locked - FAIL-SECURE.

**Set: 1.00**

1 Continuous Hinge	MCK-12HD	CL	MK
1 Push Pull Bar Set	RM351	630	RO
1 Concealed Overhead Stop	1 SERIES	630	RF
1 Door Closer	J7500	689	NO

**Set: 2.00**

6 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
2 Exit Device	12 43 NB8713 ETL	630	SA
<del>2 Door Closer (Parallel Arm)</del>	<del>PR7500</del>	<del>689</del>	<del>NO</del>
<b>2 Door Closer (Top Jamb)</b>	<b>J7500</b>	<b>689</b>	<b>NO</b>
2 Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
2 Wall Stop	406	630	RO
1 Set Gasketing	S88D		PE
1 Astragal	S772D		PE

**Set: 2.01 NOT USED**

**Set: 2.02**

2 Continuous Hinge	MCK-FM300	630	MK
2 Exit Device	43 NB8713 ETL	630	SA
2 Door Closer (Parallel Arm)	PR7500	689	NO
2 Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
2 Wall Stop	406	630	RO



1 Set Gasketing	S88D		PE
1 Astragal	S772D		PE

**Set: 2.03**

3 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Exit Device (exit only)	12 43 8810	630	SA
1 Door Closer (Parallel Arm)	PR7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
1 Set Gasketing	S88D		PE

**Set: 2.04**

3 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
1 Exit Device (exit only)	43 8810	630	SA
1 Door Closer (Parallel Arm)	PR7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
1 Set Gasketing	S88D		PE

**Set: 2.05**

1 Continuous Hinge	MCK-25HD	652	MK
1 Exit Device (exit only)	43 8810	630	SA
1 Door Closer (Parallel Arm w/ stop)	CPS7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO

**Set: 3.00**

6 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
2 Flush Bolt	557	626	RO
1 Dust Proof Strike	570	626	RO
1 Storeroom Lock	28 10G04 LL	626	SA
1 Concealed Overhead Stop	1 SERIES	630	RF
1 Wall Stop	406	630	RO
2 Silencer - Metal Frame	608		RO

**Set: 3.01**

6 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
2 Flush Bolt	557	626	RO
1 Dust Proof Strike	570	626	RO
1 Storeroom Lock	28 10G04 LL	626	SA
2 Surface Overhead Stop	10 SERIES	630	RF
2 Silencer - Metal Frame	608		RO

**Set: 3.02 NOT USED**

**Set: 3.03**

3 Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1 Storeroom Lock	28 10G04 LL	626	SA

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School B, Zone 1  
Rockford, IL  
Cannon Project No. 005005.00**

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1 Door Closer (Stop Arm)	CPS7500	689	NO
3 Silencer - Metal Frame	608		RO

**Set: 3.04**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Storeroom Lock	28 10G04 LL	626	SA
1 Wall Stop	406	630	RO
3 Silencer - Metal Frame	608		RO

**Set: 3.05**

3 Hinge	TA2714 NRP 4-1/2" x 4-1/2"	652	MK
1 Storeroom Lock	28 10G04 LL	626	SA
1 Door Closer (Reg Arm)	7500	689	NO
1 Wall Stop	406	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE

**Set: 3.06**

6 Hinge (heavy weight)	T4A3786 NRP 4-1/2" x 4-1/2"	652	MK
2 Flush Bolt	557	626	RO
1 Dust Proof Strike	570	626	RO
1 Storeroom Lock	28 10G04 LL	626	SA
1 Surface Overhead Stop	9 SERIES	630	RF
1 Door Closer (Stop Arm)	CPS7500	689	NO
2 Kick Plate	K1050 10" x 1" LDW 4BE CSK	630	RO
2 Silencer - Metal Frame	608		RO

**Set: 3.07**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Storeroom Lock	28 10G04 LL	626	SA
1 Concealed Overhead Stop	1 SERIES	630	RF
3 Silencer - Metal Frame	608		RO

**Set: 4.00**

3 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Classroom Lock	28 10G37 LL	626	SA
1 Door Closer (Reg Arm)	7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
3 Silencer - Metal Frame	608		RO

**Set: 4.01 NOT USED**

**Set: 5.00 NOT USED**

**Set: 5.01**

3 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Office Lock	28 10G05 LL	626	SA
1 Surface Overhead Stop	9 SERIES	630	RF
1 Door Closer (Parallel Arm)	PRO 7500 x 2018S	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE

**Set: 5.02**

3 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Office Lock	28 10G05 LL	626	SA
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Wall Stop	409	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE

**Set: 5.03**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Office Lock	28 10G05 LL	626	SA
1 Wall Stop	409	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE

**Set: 5.04**

2 Continuous Hinge	MCK-25HD	CL	MK
1 Flush Bolt	555	626	RO
1 Office Lock	28 10G05 LL	626	SA
1 Door Closer	J7500	689	NO
1 Wall Stop	406	630	RO
2 Floor Stop	RM850	626	RO
1 Threshold	151A		PE
2 Sweep	315CN		PE

**Set: 5.05 NOT USED**

**Set: 6.00**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Mortise Lock	49 8250 LL	626	SA
1 Door Closer (Reg Arm)	7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO

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School B, Zone 1  
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Cannon Project No. 005005.00**

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1 Wall Stop	406	630	RO
3 Silencer - Metal Frame	608		RO

**Set: 7.00**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Privacy Set	49 8265 LL	626	SA
1 Door Closer (Reg Arm)	7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
3 Silencer - Metal Frame	608		RO

**Set: 7.01**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Privacy Set	28 10U65 LL	626	SA
1 Door Closer (Reg Arm)	7500	689	NO
1 Kick Plate	K1050 10" x 2" LDW 4BE CSK	630	RO
1 Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1 Wall Stop	409	630	RO
3 Silencer - Metal Frame	608		RO

**Set: 7.02**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Privacy Set	28 10U65 LL	626	SA
1 Surface Overhead Stop	9 SERIES	630	RF
1 Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
3 Silencer - Metal Frame	608		RO

**Set: 8.00**

6 Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	652	MK
1 Flush Bolt	555 (Top Bolt Only)	626	RO
1 Dust Proof Strike	570	626	RO
1 Passage Set	28 10U15 LL	626	SA
1 Wall Stop	406	630	RO
1 Door Stop	442	626	RO
1 Threshold	151A		PE
2 Door Bottom	313AN		PE

Notes: Gasketing by aluminum door and frame manufacturer.

**Set: 8.01 NOT USED**

**Set: 8.02**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Passage Set	28 10U15 LL	626	SA
1 Door Closer (Reg Arm)	7500	689	NO
1 Wall Stop	406	630	RO

1 Set Gasketing	S88D		PE
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**Set: 8.03**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Passage Set	28 10U15 LL	626	SA
1 Wall Stop	406	630	RO
1 Threshold	151A		PE
1 Set Gasketing	S88D		PE
1 Door Bottom	313AN		PE

**Set: 8.04**

3 Hinge	TA2714 4-1/2" x 4-1/2"	652	MK
1 Passage Set	28 10U15 LL	626	SA
1 Mop Plate	K1050 4" x 1" LDW 4BE CSK	630	RO
1 Wall Stop	406	630	RO
3 Silencer - Metal Frame	608		RO

**Set: 8.05 NOT USED**

**Set: 9.00**

1 Track System w/ Hardware	W60/6- LENGTH AS REQUIRED w/ Cushion Stops		PE
2 Flush Pull	BF97L	630	RO

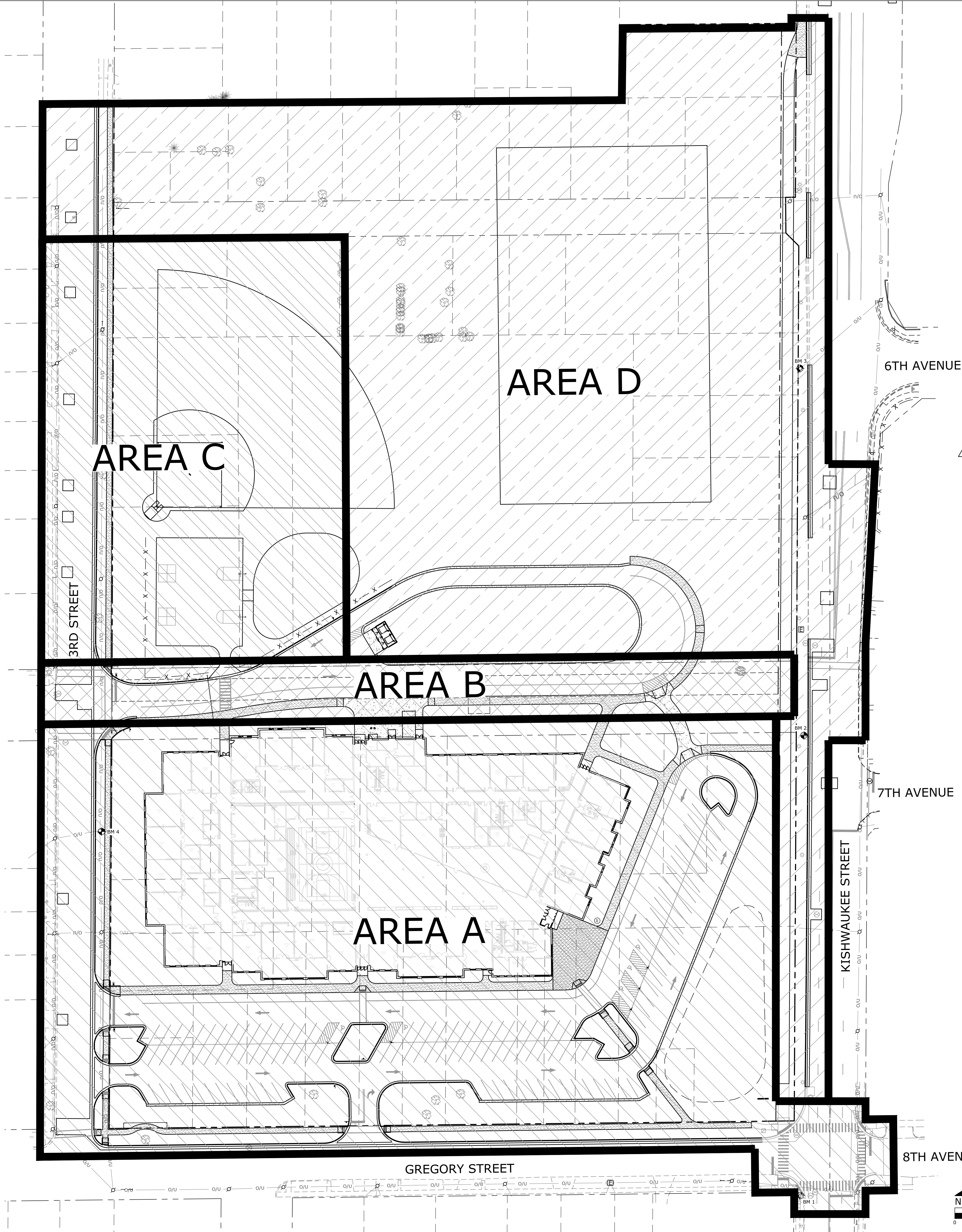
**Set: 10.00**

ALL HARDWARE BY DOOR MANUFACTURER

END OF SECTION 080671



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- ### GENERAL WORK AREA NOTES
1. PEDESTRIAN AND VEHICULAR TRAFFIC MUST BE PROTECTED FROM CONSTRUCTION ACTIVITIES AT ALL TIMES. FENCING MUST REMAIN ERECT AND SECURELY ANCHORED AROUND THE ENTIRE PERIMETER OF EACH WORK ZONE. THE CONTRACTOR SHALL INSTALL BARRICADES CONFORMING TO IDOT SPECIFICATIONS FOR VEHICULAR TRAFFIC CONTROL. THE CONTRACTOR SHALL MAINTAIN ALL FENCING AND BARRICADES, DURING PERIODS OF ACTIVE CONSTRUCTION. DURING TIMES OF NO CONSTRUCTION ACTIVITY, COORDINATE MAINTENANCE OF TRAFFIC CONTROL DEVICES WITH THE KISHWAUKEE SCHOOL STAFF. NO CONSTRUCTION TAPE, "CAUTION" TAPE, FLAGGING, OR SIMILAR VISUAL BARRIER SHALL BE PERMISSIBLE ON THE SITE IN ANY CAPACITY.
  2. MAINTAIN ACCESS TO ALL BUILDING ENTRANCES. WHEN CONSTRUCTION REQUIRES CLOSURE OF A BUILDING ENTRANCE, PROVIDE AN ALTERNATIVE ROUTE USING SIGNAGE. COORDINATE CLOSURES WITH KISHWAUKEE SCHOOL STAFF AT LEAST 48 HOURS IN ADVANCE OF THE CLOSURE.
  3. THE ENTRANCE TO THE EXISTING SCHOOL MUST REMAIN CLEAR AND OPEN TO TRAFFIC AT ALL TIMES.
  4. A MINIMUM 16 FOOT WIDE DRIVE LANE MUST REMAIN CLEAR AND OPEN TO FACILITATE ONE-WAY WESTBOUND TRAFFIC ALONG CATLIN STREET DURING CONSTRUCTION. MAINTAIN ACCESS TO THE PEDESTRIAN ENTRANCES THROUGH THE WORK ZONES OR PROVIDE SIGNAGE TO REDIRECT PEDESTRIANS AROUND BARRICADED ENTRANCES.
  5. TRAFFIC CONTROL, PLACEMENT AND SIGNAGE FOR CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
  6. UPON COMPLETION OF SIDEWALK, PAVEMENT, OR BUILDING FOOTINGS WORK, BACKFILL EXCAVATED LANDSCAPE AREAS WITH TOPSOIL AND COMPACT TO FINAL GRADE. DO NOT LEAVE EXCAVATED HOLES IN LANDSCAPED AREAS.
  7. PROVIDE IDOT CLASS 1 SEED MIXTURE WHEN RESTORING THE LANDSCAPED AREAS. PLANT, FERTILIZE AND WATER THE SEED MIX UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
  8. PROVIDE INLET PROTECTION ON ALL STORM SEWER STRUCTURES AS SHOWN ON THE PLANS AND ANY OTHERS DEEMED NECESSARY.
  9. PROVIDE PORTABLE SANITATION FACILITIES ON SITE FOR CONTRACTOR AND SUBCONTRACTOR USE. USE OF THE KISHWAUKEE SCHOOL FACILITIES IS NOT ALLOWED.
  10. THE CONTRACTOR SHALL PROVIDE A DETAILED PROJECT SCHEDULE TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL INCLUDE THE COST OF COORDINATION OF THE SCHEDULE WITH KISHWAUKEE SCHOOL STAFF AND THE ENGINEER AND ANY POSSIBLE CHANGES THAT MAY RESULT WITH THE BID. COSTS SHALL INCLUDE WEEKLY PROJECT COORDINATION MEETINGS WITH THE KISHWAUKEE SCHOOL STAFF AND THE ENGINEER. ALTHOUGH MINOR SCHEDULE CHANGES MAY BE REQUIRED, THE SUBSTANTIAL COMPLETION DATE SHALL NOT BE AFFECTED.
  11. WORK AREA FENCE LIMITS SHOWN ARE SUGGESTED FOR CONTRACTOR MAINTENANCE OF A SAFE WORK SITE. CONTRACTOR IS SOLELY RESPONSIBLE FOR INSTALLING THE NECESSARY SITE PROTECTIONS HE DEEMS NECESSARY TO STAGE HIS WORK AND PROTECT HIS EQUIPMENT.

- ### SCOPE OF WORK SUMMARY
- AREA A: NEW SCHOOL BUILDING SITE**
- SCHOOL BUILDING, UTILITIES, PARKING
  - PREP AND SECURE CONTRACTOR STORAGE /STAGING AREA
  - TEMPORARY FENCES AND PROTECTION BARRIER AT CATLIN
  - NO VEHICLE ACCESS AT KISHWAUKEE STREET
  - MAINTAIN EXISTING PEDESTRIAN (SIDEWALK) ACCESS
- AREA B: CATLIN UTILITIES AND PARTIAL BUS LOOP RECONFIGURATION**
- BUILDING UTILITIES, TEMPORARY CONNECTIONS; COMMENCEMENT OF BUS LOOP RECONFIGURATION AND/OR STREET PATCHING.
  - BUS ACCESS TO COMMENCE
- AREA C: NORTH CATLIN GRADING/RECONFIGURATION**
- PLAYGROUND CONSTRUCTION; GRADING AND TURF WORK.
  - WEST PLAYGROUND ASPHALT AND TURF AREAS
  - COORDINATION WITH DEMOLITION OPERATIONS OF EXISTING SCHOOL BUILDING 06-10-2019 - 08-02-2019
- AREA D: BUS LOOP COMPLETION - AVAILABLE 08-03-2019 - COMPLETE 09-06-2019**
- BUS LOOP COMPLETION
  - PLAY AREA GRADING/RESTORATION
- KISHWAUKEE STREET RENOVATIONS/MISCELLANEOUS (AVAILABLE UPON RECEIPT OF IDOT PERMIT) - TBD**
- SIGNAL RENOVATIONS START AND UTILITY REWORK. PENDING RECEIPT OF IDOT PERMIT - TBD
  - EXISTING CATLIN STREET SIGNAL TO REMAIN OPERATIONAL UNTIL 06-07-2019
  - COMPLETE BIKE PATH
  - MISCELLANEOUS GRADING/TURF

ROCKFORD  
PUBLIC SCHOOLS

ROCKFORD PUBLIC SCHOOLS

SCHOOL B, ZONE 1

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LICENSE NUMBER 184.005683

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**ARC DESIGN RESOURCES INC.**  
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1

ADDENDUM 7  
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No. Description Date

**KEY PLAN**

Drawing Title:

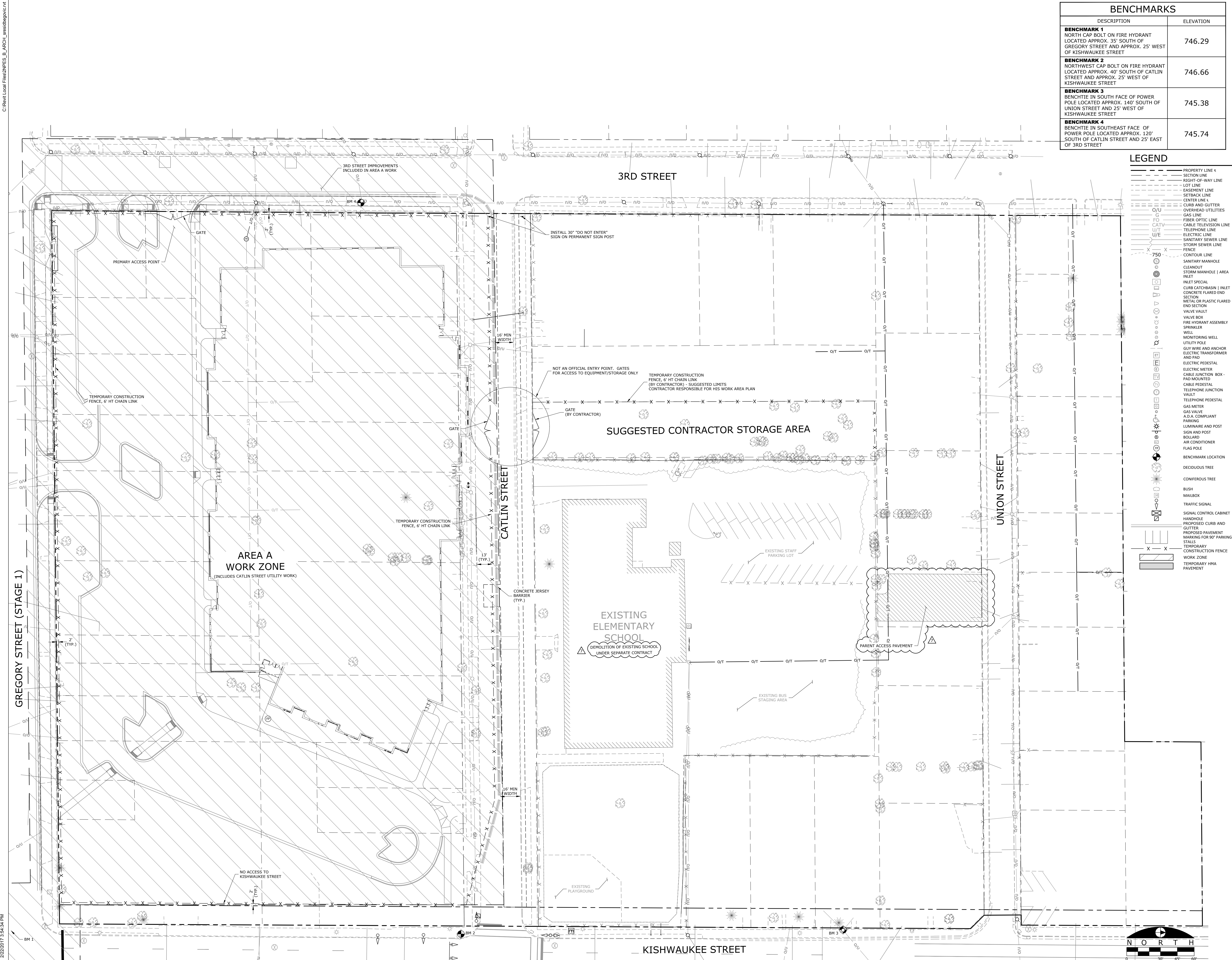
**WORK AREA OVERVIEW PLAN**

Project No.: 005005.00 Checked by: JSL

**C04**

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BENCHMARKS	
DESCRIPTION	ELEVATION
<b>BENCHMARK 1</b> NORTH CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 35' SOUTH OF GREGORY STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.29
<b>BENCHMARK 2</b> NORTHWEST CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 40' SOUTH OF CATLIN STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.66
<b>BENCHMARK 3</b> BENCHMARK IN SOUTH FACE OF POWER POLE LOCATED APPROX. 140' SOUTH OF UNION STREET AND 25' WEST OF KISHWAUKEE STREET	745.38
<b>BENCHMARK 4</b> BENCHMARK IN SOUTHEAST FACE OF POWER POLE LOCATED APPROX. 120' SOUTH OF CATLIN STREET AND 25' EAST OF 3RD STREET	745.74

- LEGEND**
- PROPERTY LINE
  - SECTION LINE
  - RIGHT-OF-WAY LINE
  - LOT LINE
  - EASEMENT LINE
  - SETBACK LINE
  - CENTER LINE
  - CURB AND GUTTER
  - OVERHEAD UTILITIES
  - GAS LINE
  - FIBER OPTIC LINE
  - CABLE TELEVISION LINE
  - TELEPHONE LINE
  - ELECTRIC LINE
  - SANITARY SEWER LINE
  - STORM SEWER LINE
  - FENCE
  - CONTOUR LINE
  - SANITARY MANHOLE
  - CLEANOUT
  - STORM MANHOLE | AREA INLET
  - INLET SPECIAL
  - CURB CATCHBASIN | INLET
  - CONCRETE FLARED END SECTION
  - METAL OR PLASTIC FLARED END SECTION
  - VALVE VAULT
  - VALVE BOX
  - FIRE HYDRANT ASSEMBLY
  - SPRINKLER
  - WELL
  - MONITORING WELL
  - UTILITY POLE
  - GLY WIRE AND ANCHOR
  - ELECTRIC TRANSFORMER AND PAD
  - ELECTRIC PEDESTAL
  - ELECTRIC METER
  - CABLE JUNCTION BOX - PAD MOUNTED
  - CABLE PEDESTAL
  - TELEPHONE JUNCTION VAULT
  - TELEPHONE PEDESTAL
  - GAS METER
  - GAS VALVE
  - A.D.A. COMPLIANT PARKING
  - LUMINAIRE AND POST
  - SIGN AND POST
  - BOLLARD
  - AIR CONDITIONER
  - FLAG POLE
  - BENCHMARK LOCATION
  - DECIDUOUS TREE
  - CONIFEROUS TREE
  - BUSH
  - MAILBOX
  - TRAFFIC SIGNAL
  - SIGNAL CONTROL CABINET
  - HANDHOLE
  - PROPOSED CURB AND GUTTER
  - PROPOSED PAVEMENT MARKING FOR 90° PARKING
  - STALLS
  - TEMPORARY CONSTRUCTION FENCE
  - WORK ZONE
  - TEMPORARY HMA PAVEMENT



ROCKFORD PUBLIC SCHOOLS  
SCHOOL B, ZONE 1

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DESIGN

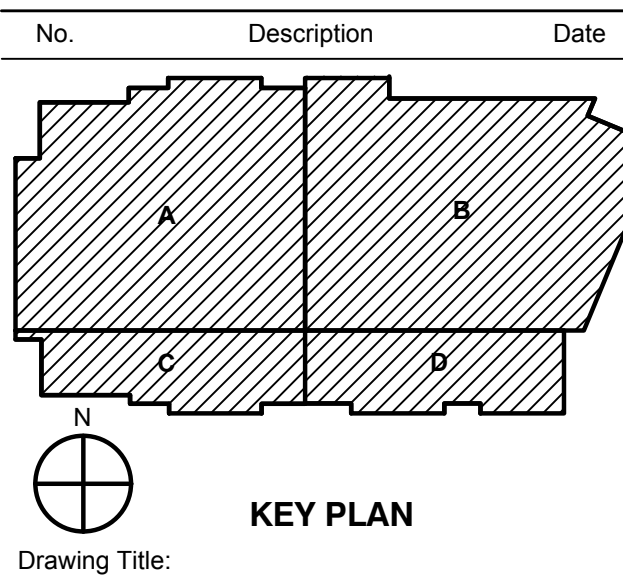
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1 ISSUED FOR BID 03/01/2017

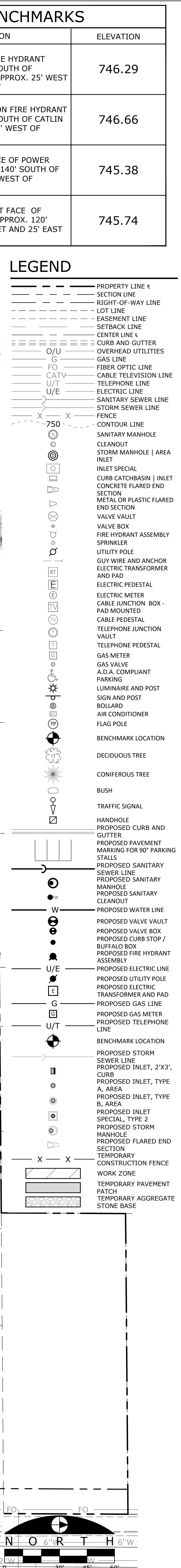



AREA A WORK SCOPE

Project No.: 005005.00 Checked by: JSL

**C05**







# ROCKFORD

PUBLIC SCHOOLS

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## ROCKFORD PUBLIC SCHOOLS

### SCHOOL B, ZONE 1

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 03/01/2017

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No.	Description	Date
 <p style="margin: 10px 0;"><b>KEY PLAN</b></p>		
Drawing Title:		

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## AREA B WORK SCOPE

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Project No.: 005005.00

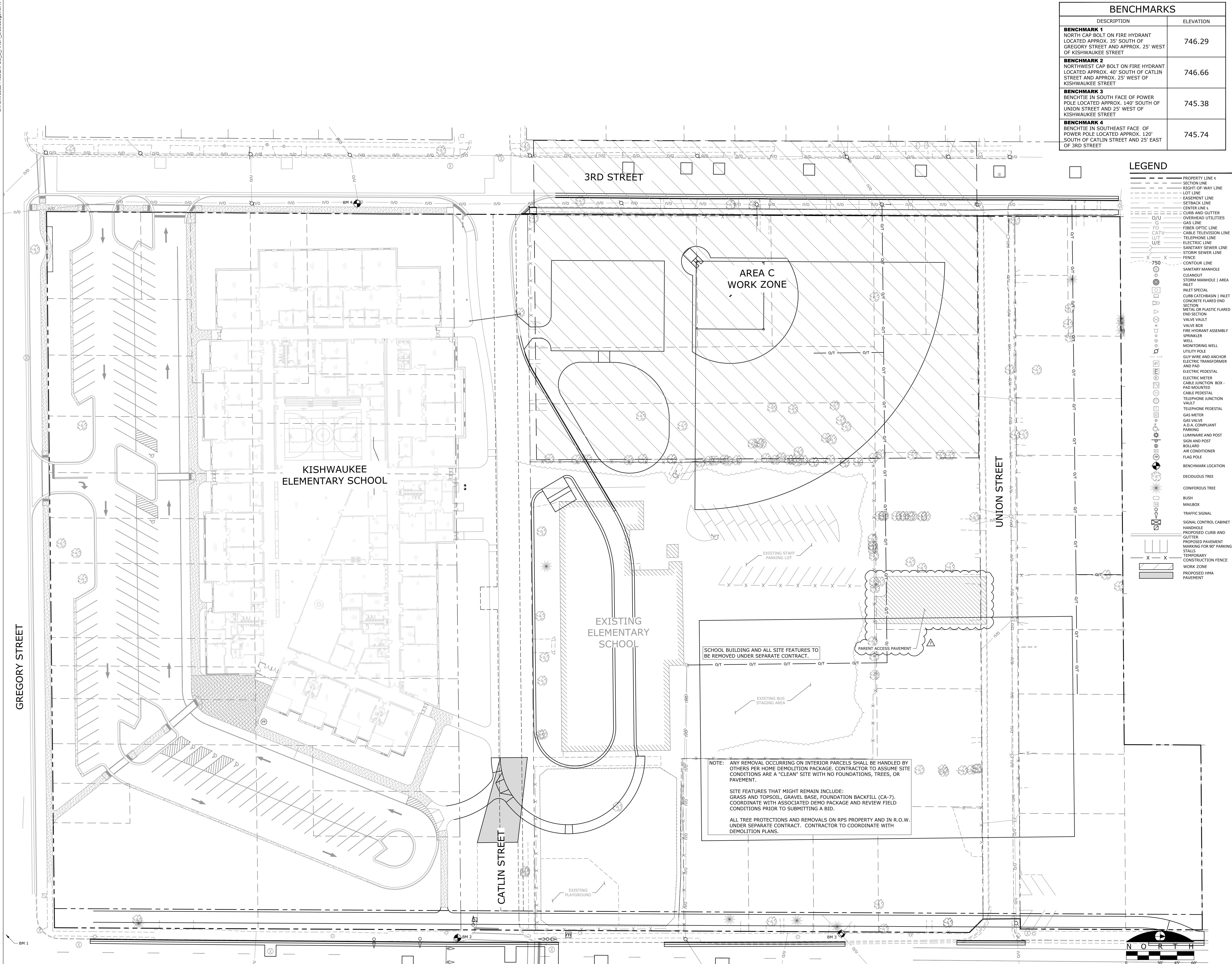
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BENCHMARKS	
DESCRIPTION	ELEVATION
<b>BENCHMARK 1</b> NORTH CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 35' SOUTH OF GREGORY STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.29
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<b>BENCHMARK 4</b> BENCHMARK IN SOUTHEAST FACE OF POWER POLE LOCATED APPROX. 120' SOUTH OF CATLIN STREET AND 25' EAST OF 3RD STREET	745.74

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- SECTION LINE
- RIGHT-OF-WAY LINE
- LOT LINE
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- CENTER LINE
- CURB AND GUTTER
- OVERHEAD UTILITIES
- GAS LINE
- FIBER OPTIC LINE
- CABLE TELEVISION LINE
- TELEPHONE LINE
- ELECTRIC LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- FENCE
- CONTOUR LINE
- SANITARY MANHOLE
- CLEANOUT
- STORM MANHOLE | AREA INLET
- INLET SPECIAL
- CURB CATCHBASIN | INLET
- CONCRETE FLARED END
- SECTION
- METAL OR PLASTIC FLARED END SECTION
- VALVE VAULT
- VALVE BOX
- FIRE HYDRANT ASSEMBLY
- SPRINKLER
- WELL
- MONITORING WELL
- UTILITY POLE
- GUY WIRE AND ANCHOR
- ELECTRIC TRANSFORMER AND PAD
- ELECTRIC PEDESTAL
- ELECTRIC METER
- CABLE JUNCTION BOX - PAD MOUNTED
- CABLE PEDESTAL
- TELEPHONE JUNCTION VAULT
- TELEPHONE PEDESTAL
- GAS METER
- GAS VALVE
- A.D.A. COMPLIANT PARKING
- LUMINAIRE AND POST
- SIGN AND POST
- BOLLARD
- AIR CONDITIONER
- FLAG POLE
- BENCHMARK LOCATION
- DECIDUOUS TREE
- CONIFEROUS TREE
- BUSH
- MAILBOX
- TRAFFIC SIGNAL
- SIGNAL CONTROL CABINET
- HANDHOLE
- PROPOSED CURB AND GUTTER
- PROPOSED PAVEMENT MARKING FOR 90° PARKING
- STALLS
- TEMPORARY CONSTRUCTION FENCE
- WORK ZONE
- PROPOSED HMA PAVEMENT

ROCKFORD PUBLIC SCHOOLS

SCHOOL B, ZONE 1

CANNONDESIGN

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1 ISSUED FOR BID 03/01/2017

No.	Description	Date
A		
B		
C		
D		

KEY PLAN  
Drawing Title:

AREA C WORK SCOPE

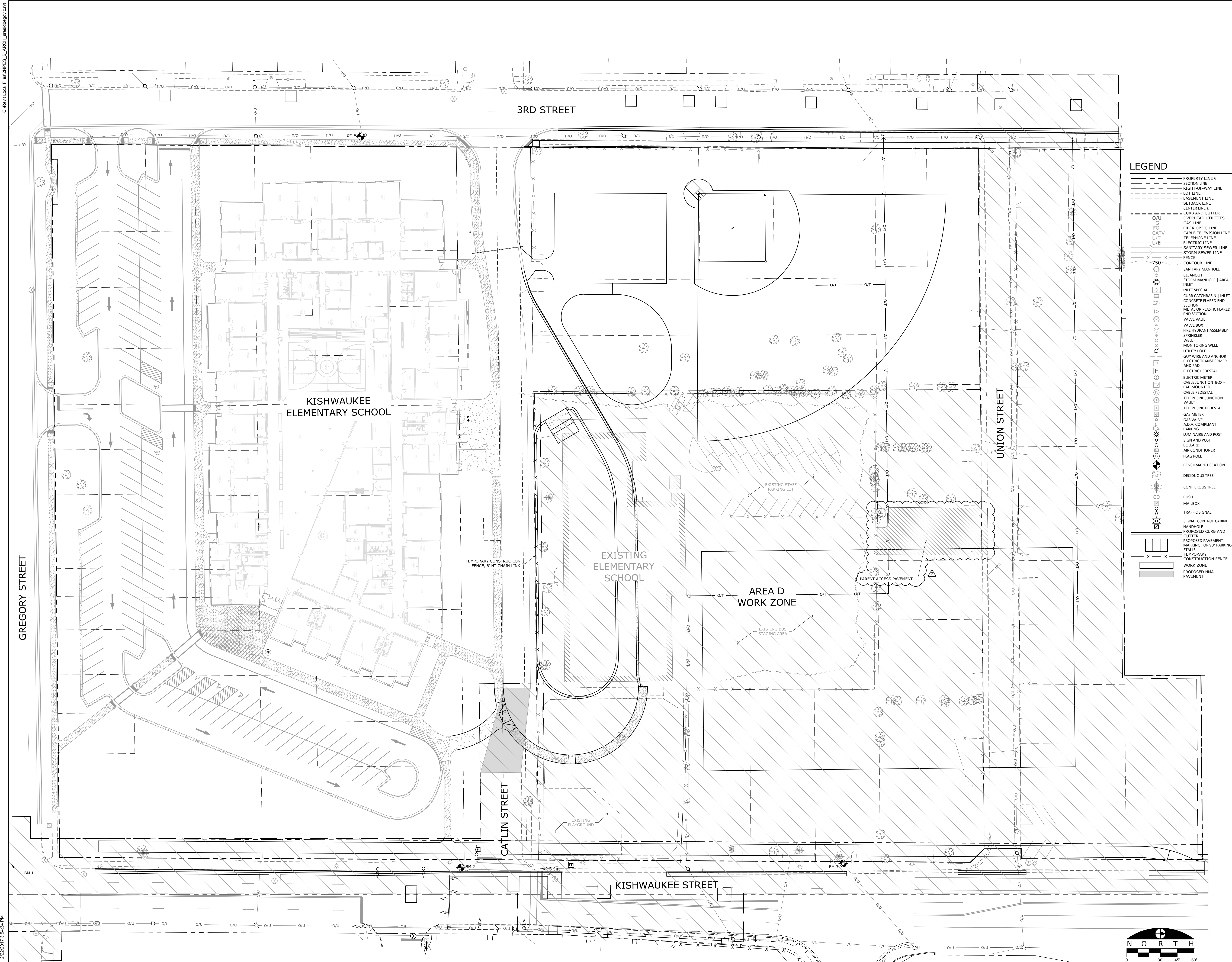
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#### LEGEND

- PROPERTY LINE
- SECTION LINE
- RIGHT-OF-WAY LINE
- LOT LINE
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- SANITARY SEWER LINE
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- CLEANOUT
- STORM MANHOLE | AREA
- INLET
- INLET SPECIAL
- CURB CATCHBASIN | INLET
- CONCRETE FLARED END
- SECTION
- METAL OR PLASTIC FLARED
- END SECTION
- VALVE VAULT
- VALVE BOX
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- SPRINKLER
- WELL
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- ELECTRIC METER
- CABLE JUNCTION BOX -
- PAD MOUNTED
- CABLE PEDESTAL
- TELEPHONE JUNCTION
- VAULT
- TELEPHONE PEDESTAL
- GAS METER
- GAS VALVE
- A.D.A. COMPLIANT
- PARKING
- LUMINAIRE AND POST
- SIGN AND POST
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- HANDHOLE
- PROPOSED CURB AND
- GUTTER
- PROPOSED PAVEMENT
- MARKING FOR 90° PARKING
- STALLS
- TEMPORARY
- CONSTRUCTION FENCE
- WORK ZONE
- PROPOSED HMA
- PAVEMENT



ROCKFORD PUBLIC SCHOOLS

SCHOOL B, ZONE 1

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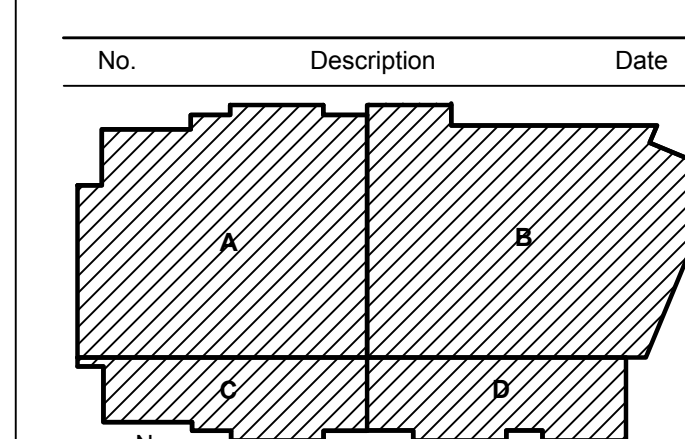
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1 ISSUED FOR BID 03/01/2017



**KEY PLAN**  
Drawing Title:

**AREA D WORK SCOPE**

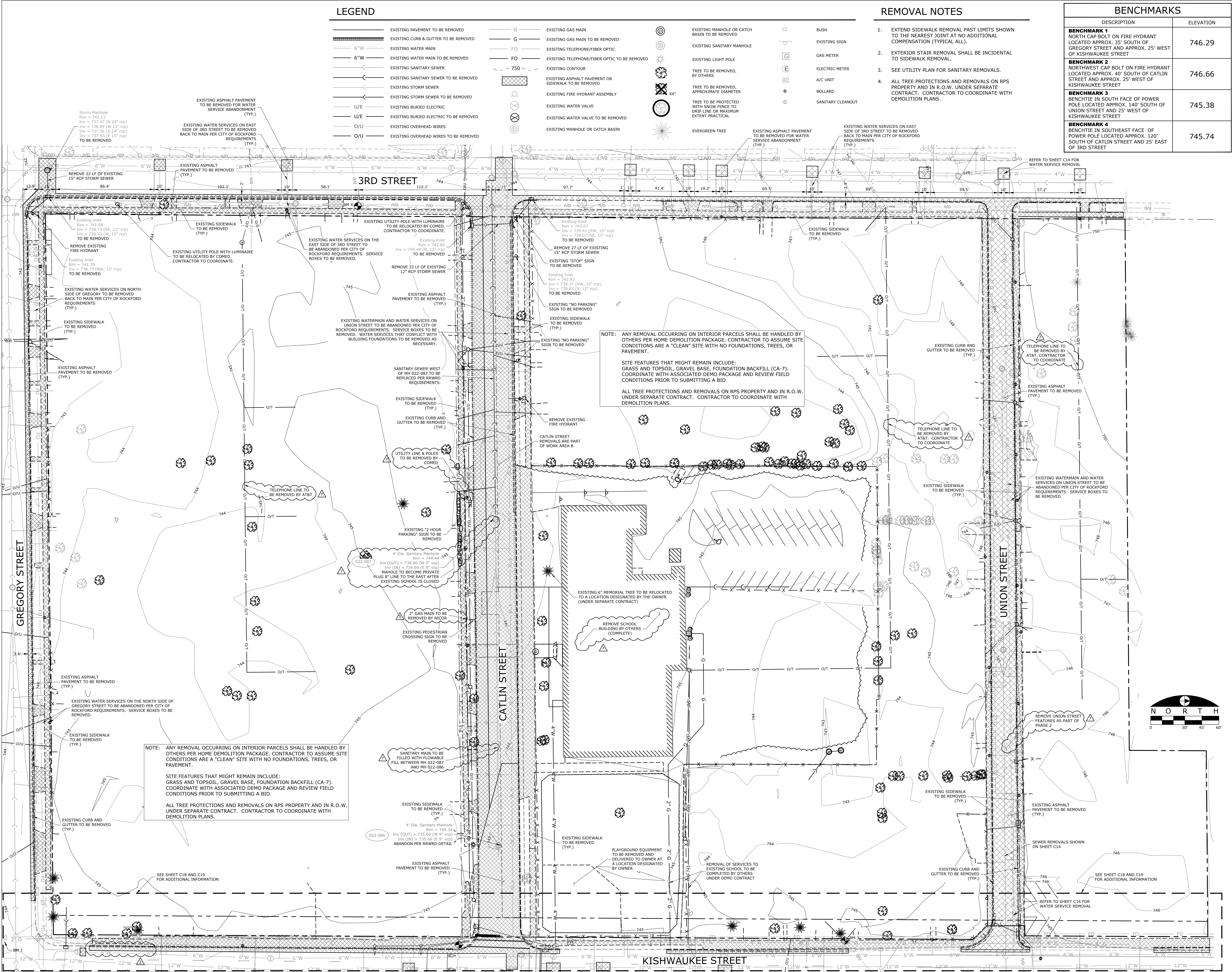
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LEGEND

- EXISTING PAVEMENT TO BE REMOVED
- EXISTING CURB & GUTTER TO BE REMOVED
- 6"W
- EXISTING WATER MAIN
- 6"W
- EXISTING WATER MAIN TO BE REMOVED
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER TO BE REMOVED
- EXISTING STORM SEWER
- EXISTING STORM SEWER TO BE REMOVED
- U/E
- EXISTING BURIED ELECTRIC
- U/E
- EXISTING BURIED ELECTRIC TO BE REMOVED
- O/U
- EXISTING OVERHEAD WIRES
- O/U
- EXISTING OVERHEAD WIRES TO BE REMOVED
- G
- EXISTING GAS MAIN
- G
- EXISTING GAS MAIN TO BE REMOVED
- FO
- EXISTING TELEPHONE/FIBER OPTIC
- FO
- EXISTING TELEPHONE/FIBER OPTIC TO BE REMOVED
- 750
- EXISTING CONTOUR
- EXISTING ASPHALT PAVEMENT OR SIDEWALK TO BE REMOVED
- EXISTING FIRE HYDRANT ASSEMBLY
- EXISTING WATER VALVE
- EXISTING WATER VALVE TO BE REMOVED
- EXISTING MANHOLE OR CATCH BASIN

- EXISTING MANHOLE OR CATCH BASIN TO BE REMOVED
- EXISTING SANITARY MANHOLE
- EXISTING LIGHT POLE
- TREE TO BE REMOVED, BY OTHERS
- TREE TO BE REMOVED, APPROXIMATE DIAMETER
- TREE TO BE PROTECTED WITH SNOW FENCE TO DRIP LINE OR MAXIMUM EXTENT PRACTICAL
- EVERGREEN TREE

- BUSH
- EXISTING SIGN
- GAS METER
- ELECTRIC METER
- A/C UNIT
- BOLLARD
- SANITARY CLEANOUT

REMOVAL NOTES

- EXTEND SIDEWALK REMOVAL PAST LIMITS SHOWN TO THE NEAREST JOINT AT NO ADDITIONAL COMPENSATION (TYPICAL ALL).
- EXTERIOR STAIR REMOVAL SHALL BE INCIDENTAL TO SIDEWALK REMOVAL.
- SEE UTILITY PLAN FOR SANITARY REMOVALS.
- ALL TREE PROTECTIONS AND REMOVALS ON RPS PROPERTY AND IN R.O.W. UNDER SEPARATE CONTRACT. CONTRACTOR TO COORDINATE WITH DEMOLITION PLANS.

BENCHMARKS

DESCRIPTION	ELEVATION
<b>BENCHMARK 1</b> NORTH CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 35' SOUTH OF GREGORY STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.29
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<b>BENCHMARK 3</b> BENCHMARK IN SOUTH FACE OF POWER POLE LOCATED APPROX. 140' SOUTH OF UNION STREET AND 25' WEST OF KISHWAUKEE STREET	745.38
<b>BENCHMARK 4</b> BENCHMARK IN SOUTHEAST FACE OF POWER POLE LOCATED APPROX. 120' SOUTH OF CATLIN STREET AND 25' EAST OF 3RD STREET	745.74



ROCKFORD PUBLIC SCHOOLS

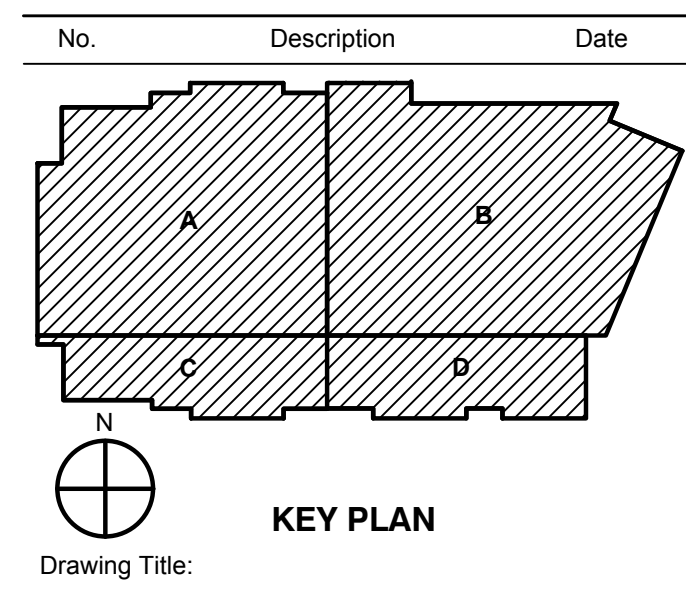
SCHOOL B, ZONE 1

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3	ADDENDUM 7	06/07/2017
2	ADDENDUM 2	04/26/2017
1	ISSUED FOR BID	03/01/2017



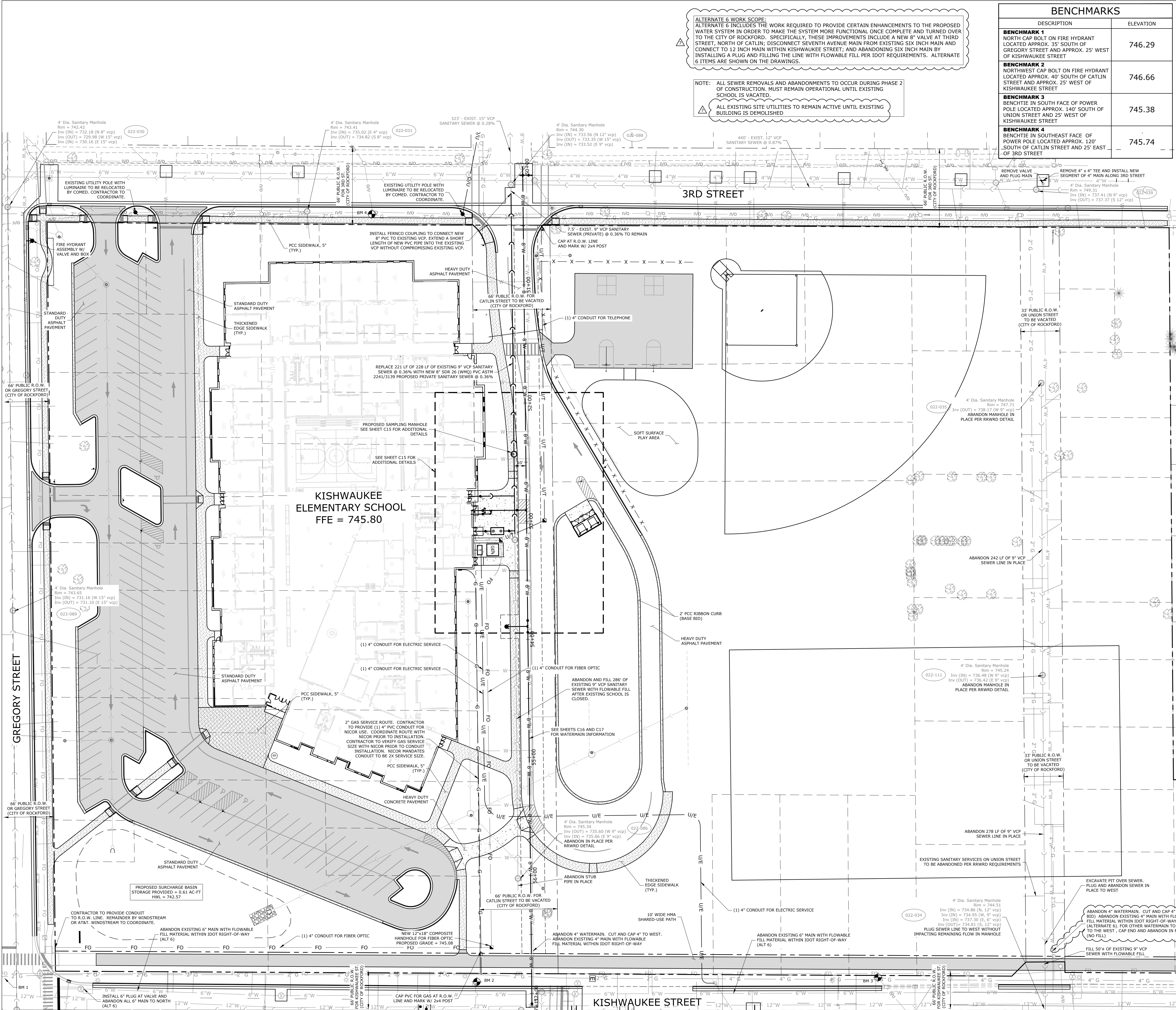
EXISTING CONDITIONS AND REMOVALS PLAN

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C09



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ALTERNATE 6 WORK SCOPE:  
ALTERNATE 6 INCLUDES THE WORK REQUIRED TO PROVIDE CERTAIN ENHANCEMENTS TO THE PROPOSED WATER SYSTEM IN ORDER TO MAKE THE SYSTEM MORE FUNCTIONAL, ONCE COMPLETE AND TURNED OVER TO THE CITY OF ROCKFORD. SPECIFICALLY, THESE IMPROVEMENTS INCLUDE A NEW 8" VALVE AT THIRD STREET, NORTH OF CATLIN, DISCONNECT SEVENTH AVENUE MAIN FROM EXISTING SIX INCH MAIN AND CONNECT TO 12 INCH MAIN WITHIN KISHWAUKEE STREET; AND ABANDONING SIX INCH MAIN BY INSTALLING A PLUG AND FILLING THE LINE WITH FLOWABLE FILL PER IDOT REQUIREMENTS. ALTERNATE 6 ITEMS ARE SHOWN ON THE DRAWINGS.

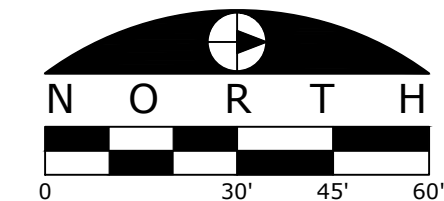
NOTE: ALL SEWER REMOVALS AND ABANDONMENTS TO OCCUR DURING PHASE 2 OF CONSTRUCTION. MUST REMAIN OPERATIONAL UNTIL EXISTING SCHOOL IS VACATED.

ALL EXISTING SITE UTILITIES TO REMAIN ACTIVE UNTIL EXISTING BUILDING IS DEMOLISHED

BENCHMARKS	
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LEGEND

- PROPOSED PROPERTY LINE
- PROPOSED CURB AND GUTTER
- PROPOSED PAVEMENT MARKING FOR 90° PARKING STALLS
- PROPOSED POLE MOUNTED LUMINAIRE
- PROPOSED ORNAMENTAL POST AND LUMINAIRE
- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY CLEANOUT
- PROPOSED SANITARY RISER
- PROPOSED WATER LINE
- PROPOSED VALVE VAULT
- PROPOSED VALVE BOX
- PROPOSED CURB STOP / BUFFALO BOX
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED ELECTRIC LINE
- PROPOSED UTILITY POLE
- PROPOSED ELECTRIC TRANSFORMER AND PAD
- PROPOSED GAS LINE
- PROPOSED GAS METER
- PROPOSED TELEPHONE LINE
- BENCHMARK LOCATION
- PROPOSED STORM SEWER LINE
- PROPOSED INLET, 2'X3', CURB
- PROPOSED INLET, TYPE A, AREA
- PROPOSED INLET, TYPE B, AREA
- PROPOSED INLET SPECIAL, TYPE 2
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION



**ROCKFORD PUBLIC SCHOOLS**

**SCHOOL B, ZONE 1**

**CANNONDESIGN**

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3 ADDENDUM 7 06/07/2017  
2 ADDENDUM 5 05/22/2017  
1 ISSUED FOR BID 03/01/2017

No. Description Date

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C		
D		

KEY PLAN

UTILITY PLAN

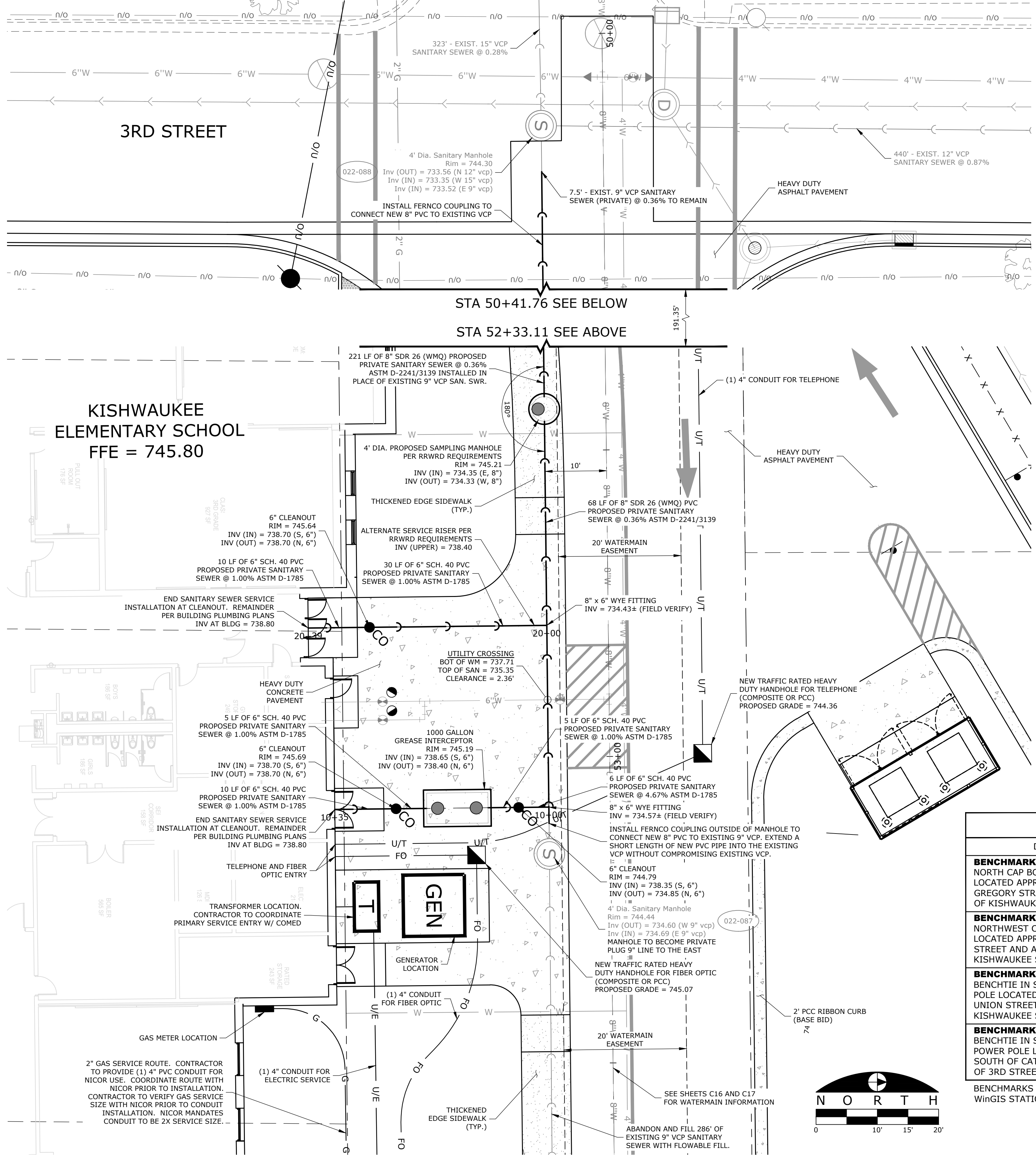
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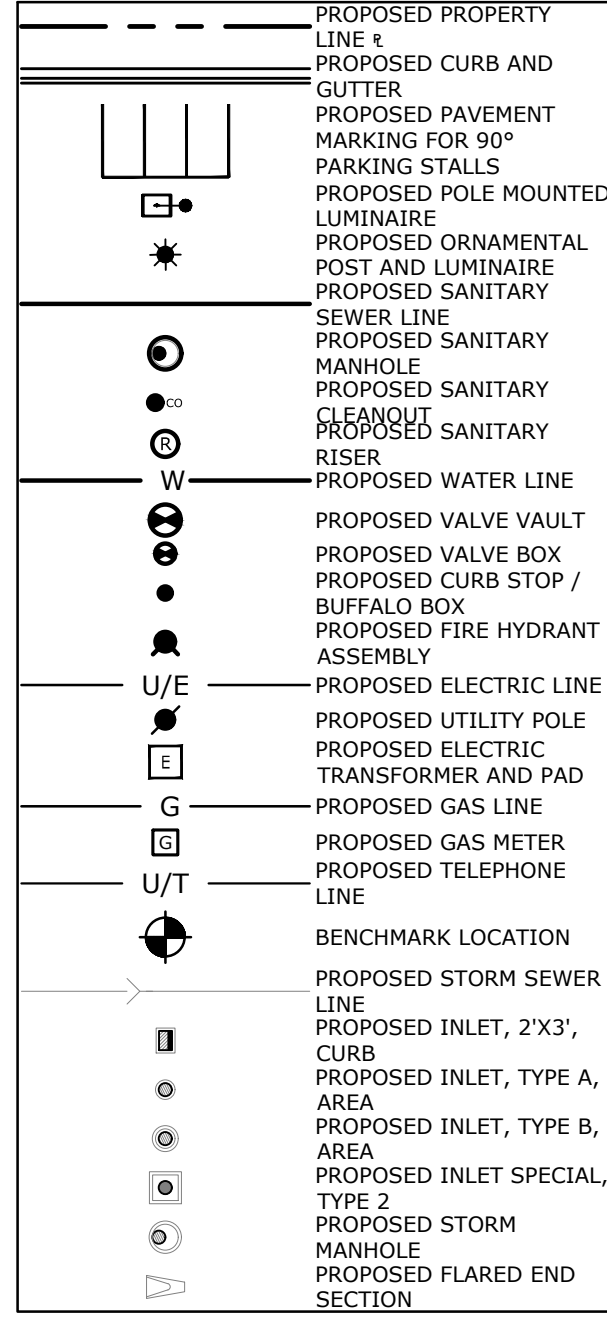
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NOTE: ALL EXISTING SITE UTILITIES TO REMAIN ACTIVE UNTIL EXISTING BUILDING IS DEMOLISHED



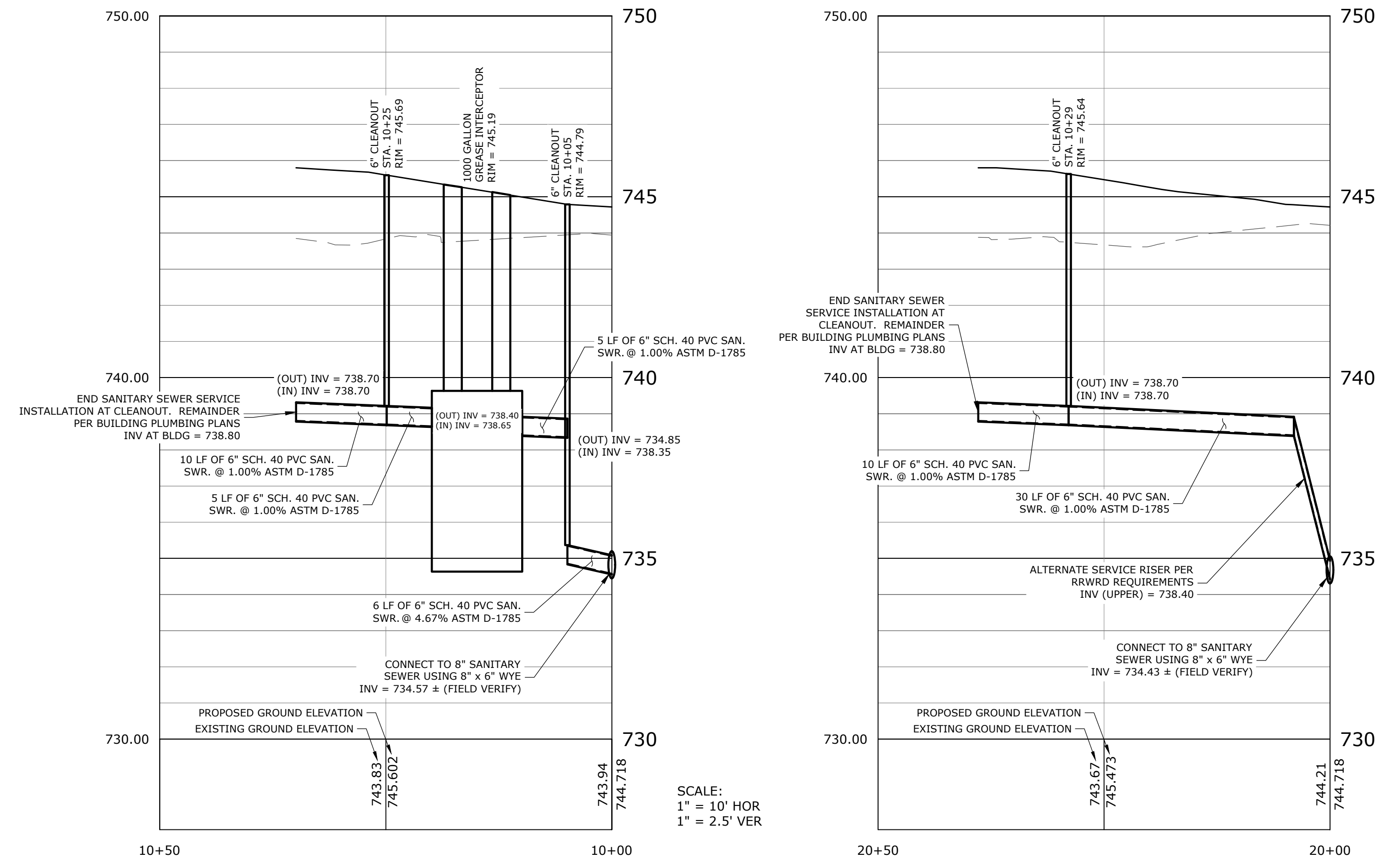
LEGEND



BENCHMARKS

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BENCHMARKS ESTABLISHED FROM WinGIS MONUMENTATION: WinGIS STATION # 57 (ELEV. = 757.00)



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No.	Description	Date
A		
B		
C		
D		

KEY PLAN

UTILITY ENTRY PLAN AND SANITARY PROFILES

Project No.: 005005.00 Checked by: JSL

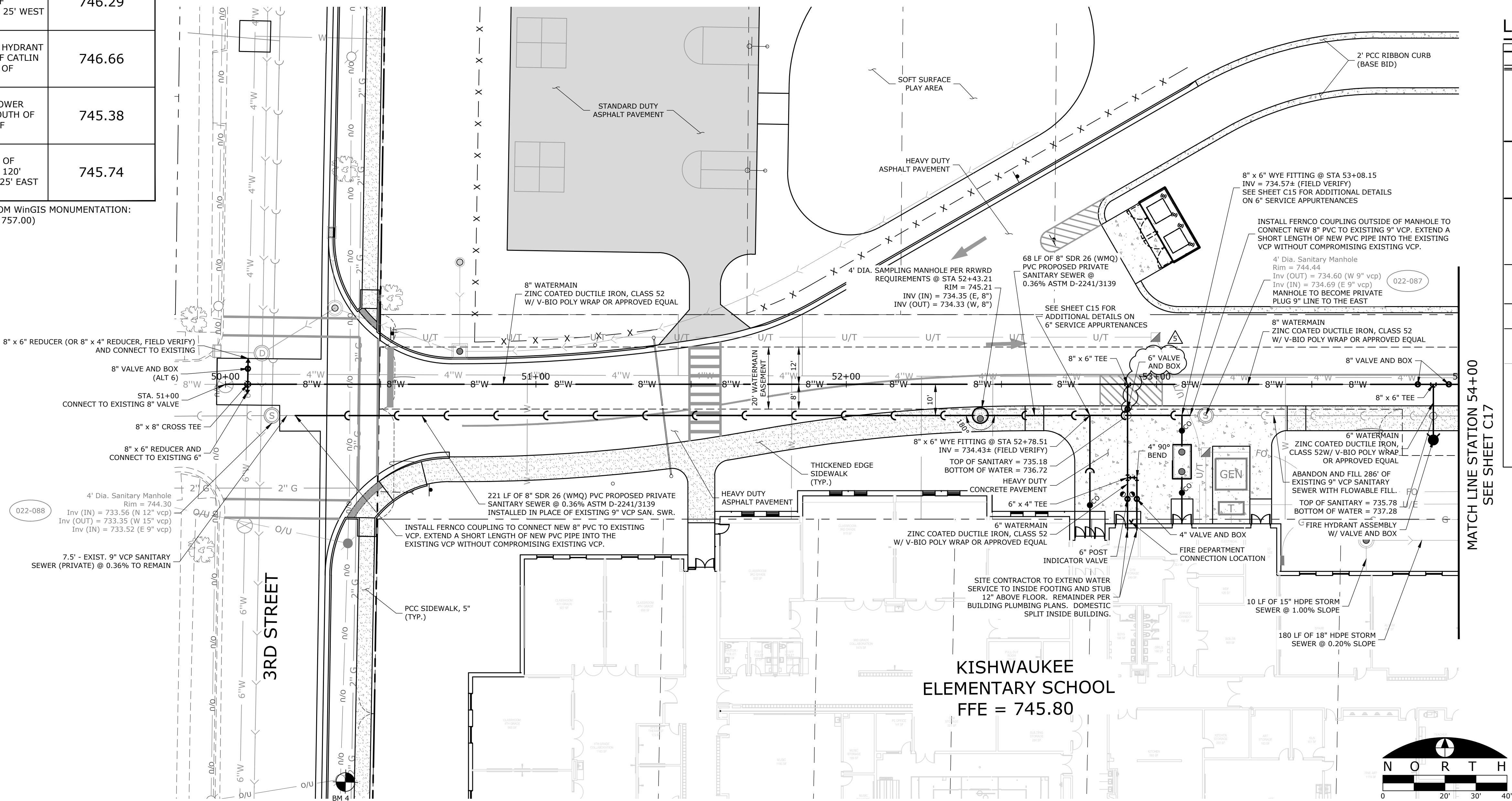
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2/22/2017 3:54:34 PM

BENCHMARKS		
DESCRIPTION	ELEVATION	
<b>BENCHMARK 1</b> NORTH CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 35' SOUTH OF GREGORY STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.29	
<b>BENCHMARK 2</b> NORTHWEST CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 40' SOUTH OF CATLIN STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.66	
<b>BENCHMARK 3</b> BENCHMARK IN SOUTH FACE OF POWER POLE LOCATED APPROX. 140' SOUTH OF UNION STREET AND 25' WEST OF KISHWAUKEE STREET	745.38	
<b>BENCHMARK 4</b> BENCHMARK IN SOUTHEAST FACE OF POWER POLE LOCATED APPROX. 120' SOUTH OF CATLIN STREET AND 25' EAST OF 3RD STREET	745.74	

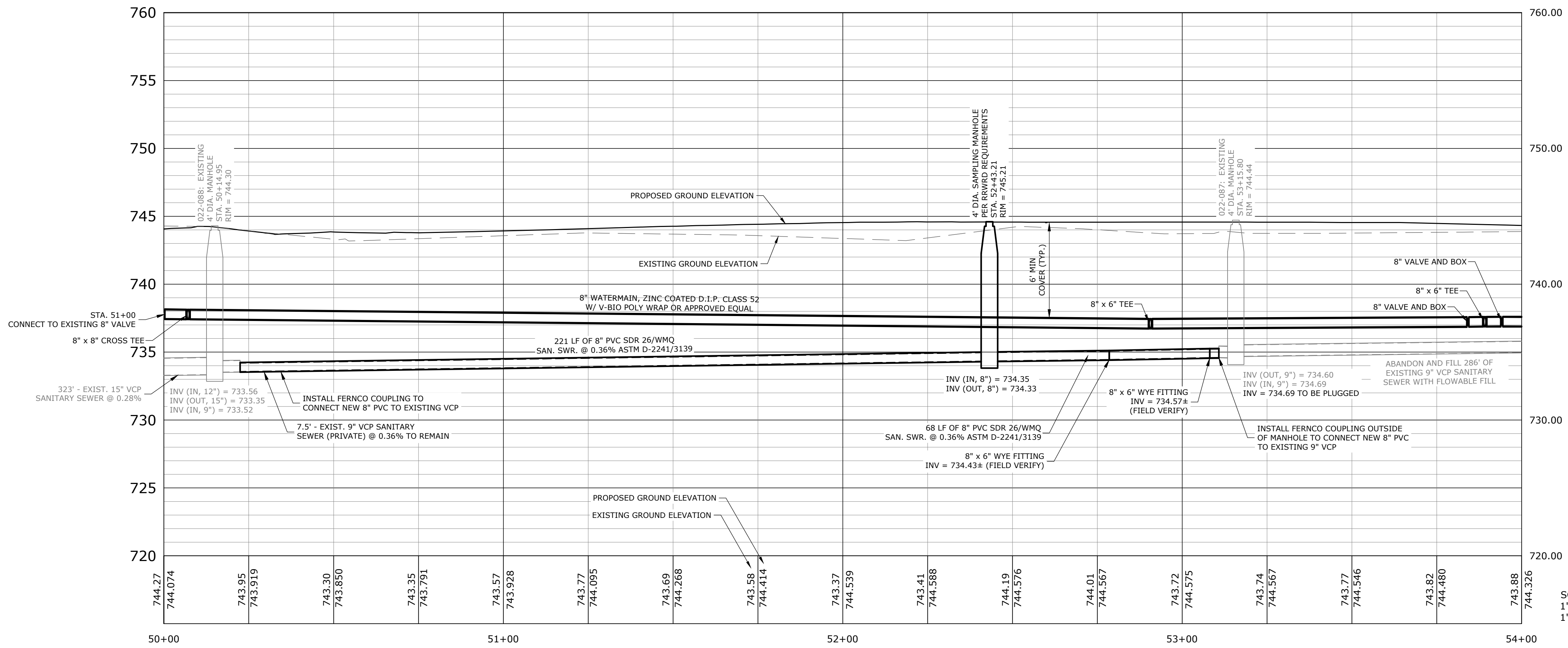
BENCHMARKS ESTABLISHED FROM WINGIS MONUMENTATION:  
WINGIS STATION # 57 (ELEV. = 757.00)



LEGEND	
	PROPOSED PROPERTY LINE
	PROPOSED CURB AND GUTTER
	PROPOSED PAVEMENT
	PARKING FOR 90' PARKING STALLS
	PROPOSED POLE MOUNTED LUMINAIRE
	PROPOSED ORNAMENTAL POST AND LUMINAIRE
	PROPOSED SANITARY SEWER LINE
	PROPOSED SANITARY MANHOLE
	PROPOSED SANITARY RISER
	PROPOSED WATER LINE
	PROPOSED VALVE VAULT
	PROPOSED VALVE BOX
	PROPOSED CURB STOP / BUFFALO BOX
	PROPOSED FIRE HYDRANT ASSEMBLY
	PROPOSED ELECTRIC LINE
	PROPOSED UTILITY POLE
	PROPOSED ELECTRIC TRANSFORMER AND PAD
	PROPOSED GAS LINE
	PROPOSED GAS METER
	PROPOSED TELEPHONE LINE
	BENCHMARK LOCATION
	PROPOSED STORM SEWER LINE
	PROPOSED INLET, TYPE A, CURB
	PROPOSED INLET, TYPE B, AREA
	PROPOSED INLET SPECIAL, TYPE 2
	PROPOSED STORM MANHOLE
	PROPOSED FLARED END SECTION

KISHWAUKEE  
ELEMENTARY SCHOOL  
FFE = 745.80

NOTE: ALL EXISTING SITE UTILITIES TO REMAIN ACTIVE UNTIL EXISTING BUILDING IS DEMOLISHED



ROCKFORD PUBLIC SCHOOLS

SCHOOL B, ZONE 1

CANNONDESIGN

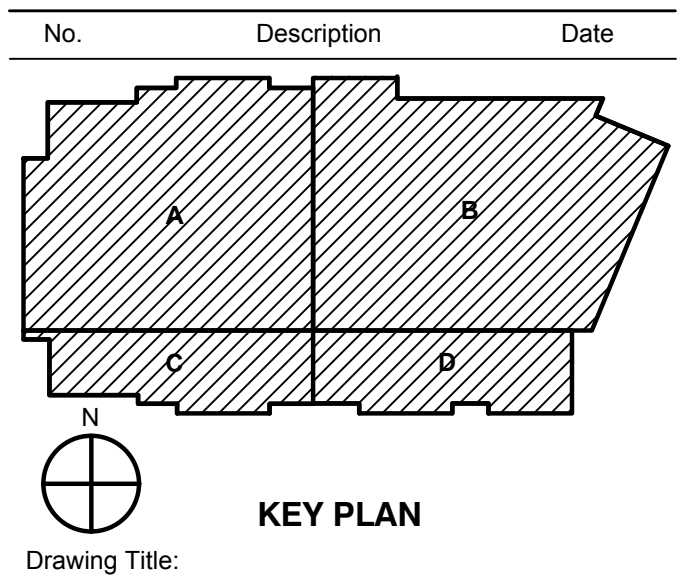
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PROFESSIONAL DESIGN FIRM  
LICENSE NUMBER 184.005683

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13 Winding Branch Rd  
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224-717-1999

**ARC DESIGN RESOURCES INC.**  
Civil Consultants  
5291 Zenith Parkway  
Loves Park, IL 61111  
(815) 484-4300

3	ADDENDUM 7	06/07/2017
2	ADDENDUM 5	05/22/2017
1	ISSUED FOR BID	03/01/2017



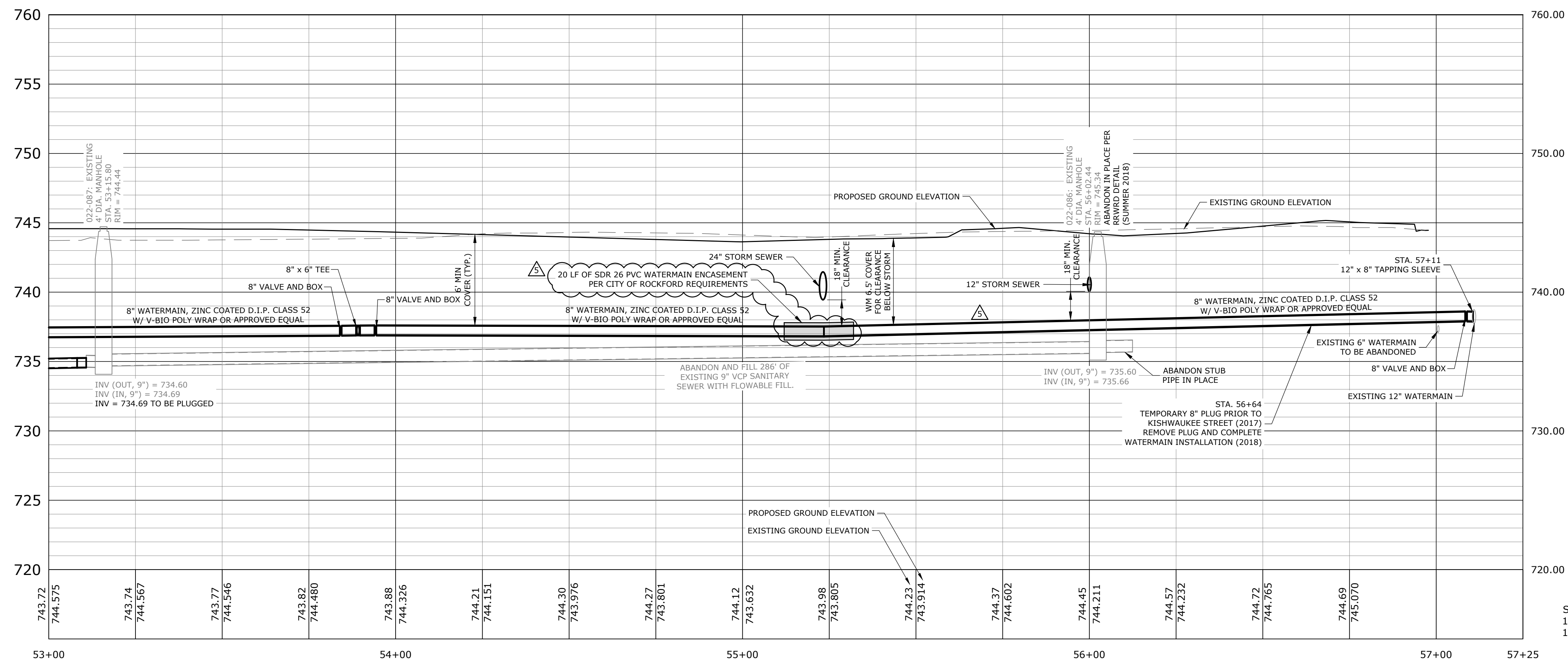
WATERMAIN AND  
SEWER PLAN AND  
PROFILE STA. 50+00 -  
54+00

Project no.: 005005.00 Checked by: JSL

C16



BENCHMARKS ESTABLISHED FROM WinGIS MONUMENTATION:  
WinGIS STATION # 57 (ELEV. = 757.00)



# C17



**ALTERNATE 6 WORK SCOPE:**  
ALTERNATE 6 INCLUDES THE WORK REQUIRED TO PROVIDE CERTAIN ENHANCEMENTS TO THE PROPOSED WATER SYSTEM IN ORDER TO MAKE THE SYSTEM MORE FUNCTIONAL ONCE COMPLETE AND TURNED OVER TO THE CITY OF ROCKFORD. SPECIFICALLY, THESE IMPROVEMENTS INCLUDE A NEW 8" VALVE AT THIRD STREET, NORTH OF CATLIN; DISCONNECT SEVENTH AVENUE MAIN FROM EXISTING SIX INCH MAIN AND CONNECT TO 12 INCH MAIN WITHIN KISHWAUKEE STREET; AND ABANDONING SIX INCH MAIN BY INSTALLING A PLUG AND FILLING THE LINE WITH FLOWABLE FILL PER IDOT REQUIREMENTS. ALTERNATE 6 ITEMS ARE SHOWN ON THE DRAWINGS.

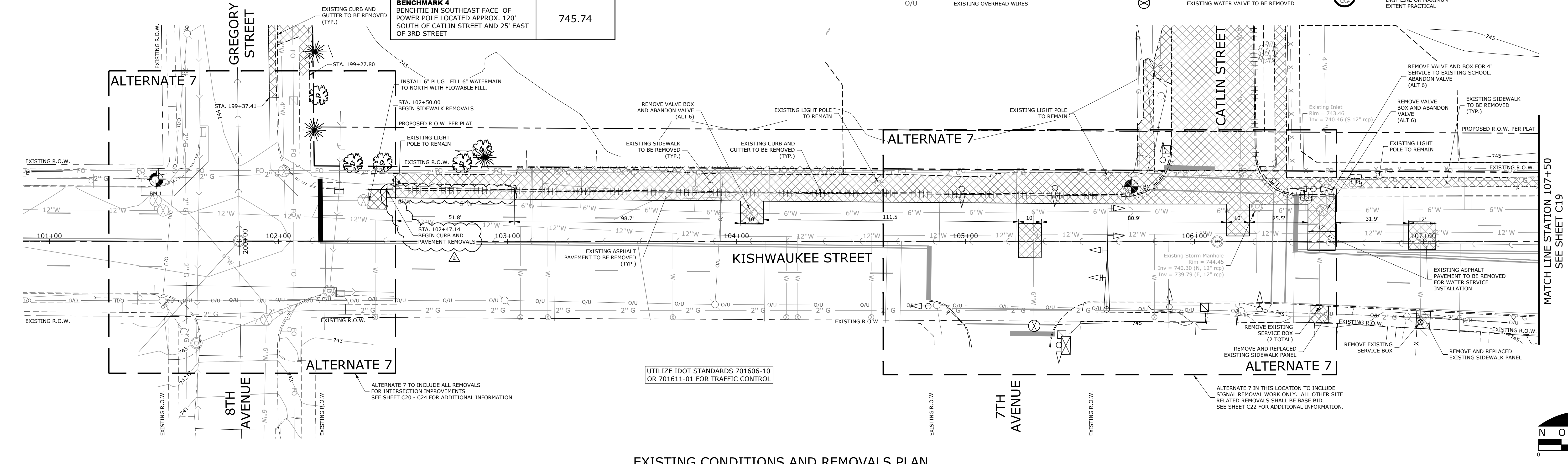
BENCHMARKS	
DESCRIPTION	ELEVATION
<b>BENCHMARK 1</b> NORTH CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 35' SOUTH OF GREGORY STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.29
<b>BENCHMARK 2</b> NORTHWEST CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 40' SOUTH OF CATLIN STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.66
<b>BENCHMARK 3</b> BENCHMARK IN SOUTH FACE OF POWER POLE LOCATED APPROX. 140' SOUTH OF UNION STREET AND 25' WEST OF KISHWAUKEE STREET	745.38
<b>BENCHMARK 4</b> BENCHMARK IN SOUTHEAST FACE OF POWER POLE LOCATED APPROX. 120' SOUTH OF CATLIN STREET AND 25' EAST OF 3RD STREET	745.74

### REMOVAL NOTES

1. EXTEND SIDEWALK REMOVAL PAST LIMITS SHOWN TO THE NEAREST JOINT AT NO ADDITIONAL COMPENSATION (TYPICAL ALL).
2. EXTERIOR STAIR REMOVAL SHALL BE INCIDENTAL TO SIDEWALK REMOVAL.
3. SEE UTILITY PLAN FOR SANITARY REMOVALS.
4. ALL TREE PROTECTIONS AND REMOVALS ON RPS PROPERTY AND IN R.O.W. UNDER SEPARATE CONTRACT. CONTRACTOR TO COORDINATE WITH DEMOLITION PLANS.

### LEGEND

<p>EXISTING PAVEMENT TO BE REMOVED</p> <p>EXISTING CURB &amp; GUTTER TO BE REMOVED</p> <p>EXISTING WATER MAIN</p> <p>EXISTING WATER MAIN TO BE REMOVED</p> <p>EXISTING SANITARY SEWER</p> <p>EXISTING SANITARY SEWER TO BE REMOVED</p> <p>EXISTING STORM SEWER</p> <p>EXISTING STORM SEWER TO BE REMOVED</p> <p>EXISTING BURIED ELECTRIC</p> <p>EXISTING BURIED ELECTRIC TO BE REMOVED</p> <p>O/U</p> <p>EXISTING OVERHEAD WIRES</p>	<p>O/U</p> <p>G</p> <p>G</p> <p>FO</p> <p>FO</p> <p>750</p> <p>EXISTING CONTOUR</p> <p>EXISTING ASPHALT PAVEMENT OR SIDEWALK TO BE REMOVED</p> <p>EXISTING FIRE HYDRANT ASSEMBLY</p> <p>EXISTING WATER VALVE</p> <p>O/U</p> <p>EXISTING OVERHEAD WIRES</p>	<p>EXISTING OVERHEAD WIRES TO BE REMOVED</p> <p>EXISTING GAS MAIN</p> <p>EXISTING GAS MAIN TO BE REMOVED</p> <p>EXISTING TELEPHONE/FIBER OPTIC</p> <p>EXISTING TELEPHONE/FIBER OPTIC TO BE REMOVED</p> <p>EXISTING MANHOLE OR CATCH BASIN</p> <p>EXISTING MANHOLE OR CATCH BASIN TO BE REMOVED</p> <p>EXISTING SANITARY MANHOLE</p> <p>EXISTING LIGHT POLE</p> <p>TREE TO BE REMOVED, BY OTHERS</p> <p>TREE TO BE REMOVED, APPROXIMATE DIAMETER</p> <p>TREE TO BE PROTECTED WITH SNOW FENCE TO DRIP LINE OR MAXIMUM EXTENT PRACTICAL</p>	<p>EVERGREEN TREE</p> <p>BUSH</p> <p>EXISTING SIGN</p> <p>GAS METER</p> <p>ELECTRIC METER</p> <p>A/C UNIT</p> <p>BOLLARD</p> <p>SANITARY CLEANOUT</p>
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EXISTING CONDITIONS AND REMOVALS PLAN

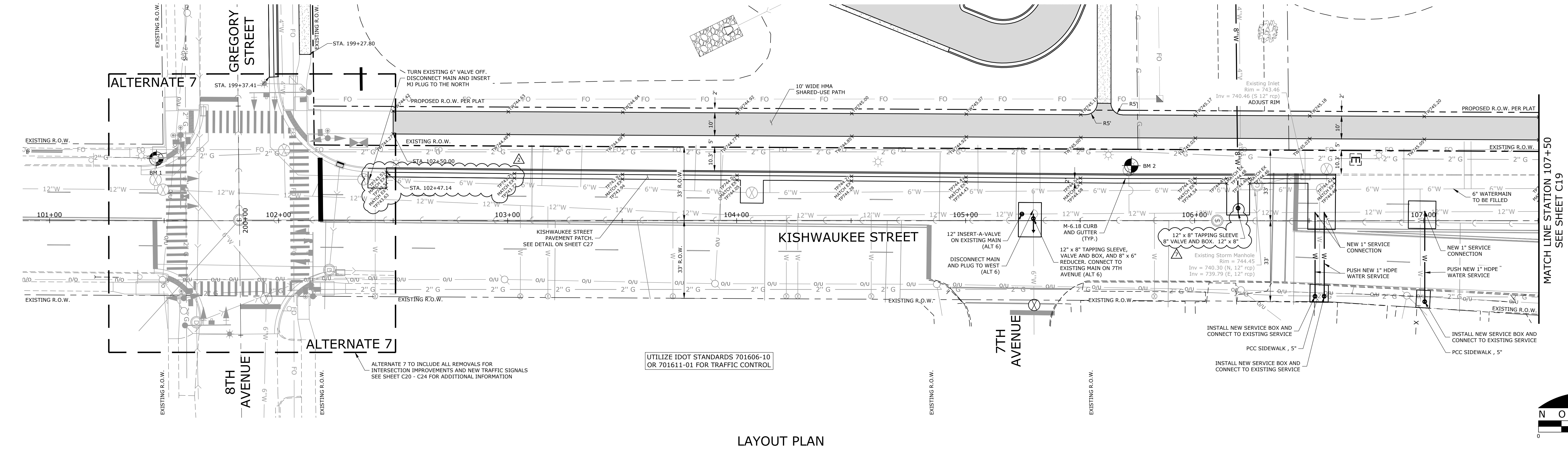
### LAYOUT NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION AND ELEVATION OF EXISTING PIPE INVERTS, FLOOR ELEVATIONS, CURB OR PAVEMENT WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
2. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
3. DIMENSIONS THAT LOCATE THE BUILDING ARE MEASURED TO THE OUTSIDE FACE OF THE BUILDING.
4. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
5. ALL RADII ARE DIMENSIONED TO THE EDGE OF PAVEMENT.
6. SOME FIELD ADJUSTMENTS MAY BE NECESSARY AT POINTS WHERE PROPOSED PAVEMENT, CURB AND SIDEWALKS MEET EXISTING PAVEMENT, CURB AND SIDEWALKS. REVIEW ANY REQUIRED CHANGES WITH ENGINEER PRIOR TO CONSTRUCTION OF WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION, COORDINATION AND OBTAINING APPROVAL OF A TRAFFIC MANAGEMENT PLAN IF CLOSURES OF LANES EXCEED THE CRITERIA ESTABLISHED BY IDOT.

### LEGEND

<p>PROPOSED PROPERTY LINE</p> <p>PROPOSED RIGHT-OF-WAY LINE</p> <p>PROPOSED LOT LINE</p> <p>PROPOSED EASEMENT LINE</p> <p>PROPOSED SETBACK LINE</p> <p>PROPOSED CENTER LINE</p> <p>PROPOSED CURB AND GUTTER</p> <p>PROPOSED STANDARD DUTY CONCRETE PAVEMENT</p> <p>PROPOSED HEAVY DUTY CONCRETE PAVEMENT</p> <p>PROPOSED HEAVY DUTY ASPHALT PAVEMENT</p> <p>PROPOSED STANDARD DUTY ASPHALT PAVEMENT</p>	<p>PROPOSED PAVEMENT MARKING FOR 60" PARKING STALLS</p> <p>PROPOSED A.D.A. COMPLIANT PARKING</p> <p>PROPOSED NUMBER OF PARKING STALLS PER ROW</p> <p>PROPOSED SIGN AND POST</p> <p>PROPOSED BOLLARD</p> <p>PROPOSED POLE MOUNTED LUMINAIRE</p> <p>PROPOSED ORNAMENTAL POST AND LUMINAIRE</p> <p>PARKING BLOCK</p> <p>PROPOSED PAVEMENT MARKING, SINGLE YELLOW SOLID LINE, 4" WIDE</p>	<p>DYSL, 4"</p> <p>SYDL, 4"</p> <p>SWSL, 4"</p> <p>SWSL, 6"</p> <p>SWSL, 24"</p> <p>X X</p>	<p>PROPOSED PAVEMENT MARKING, DOUBLE YELLOW SOLID LINE, 4" WIDE</p> <p>PROPOSED PAVEMENT MARKING, SINGLE YELLOW SOLID LINE, 4" WIDE</p> <p>PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 4" WIDE</p> <p>PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 6" WIDE</p> <p>PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 24" WIDE</p> <p>PROPOSED FENCE</p>
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**ALTERNATE 6 WORK SCOPE:**  
ALTERNATE 6 INCLUDES THE WORK REQUIRED TO PROVIDE CERTAIN ENHANCEMENTS TO THE PROPOSED WATER SYSTEM IN ORDER TO MAKE THE SYSTEM MORE FUNCTIONAL ONCE COMPLETE AND TURNED OVER TO THE CITY OF ROCKFORD. SPECIFICALLY, THESE IMPROVEMENTS INCLUDE A NEW 8" VALVE AT THIRD STREET, NORTH OF CATLIN; DISCONNECT SEVENTH AVENUE MAIN FROM EXISTING SIX INCH MAIN AND CONNECT TO 12 INCH MAIN WITHIN KISHWAUKEE STREET; AND ABANDONING SIX INCH MAIN BY INSTALLING A PLUG AND FILLING THE LINE WITH FLOWABLE FILL PER IDOT REQUIREMENTS. ALTERNATE 6 ITEMS ARE SHOWN ON THE DRAWINGS.



LAYOUT PLAN



ROCKFORD PUBLIC SCHOOLS

SCHOOL B, ZONE 1

**CANNONDESIGN**

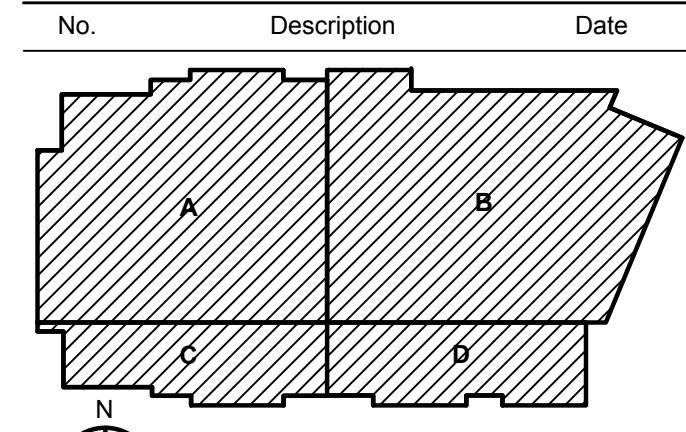
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PROFESSIONAL DESIGN FIRM  
LICENSE NUMBER 184.005683

**S2O CONSULTANTS, INC.**  
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224-717-1999

**ARC DESIGN RESOURCES INC.**  
Civil Consultants  
5291 Zenith Parkway  
Loves Park, IL 61111  
(815) 484-4300

3	ADDENDUM 7	06/07/2017
2	ADDENDUM 2	04/26/2017
1	ISSUED FOR BID	03/01/2017



KEY PLAN

**KISHWAUKEE STREET  
CORRIDOR PLAN STA.  
101+00 - 107+50**

Project No.: 005005.00 Checked by: JSL

**C18**



**ALTERNATE 6 WORK SCOPE:**  
ALTERNATE 6 INCLUDES THE WORK REQUIRED TO PROVIDE CERTAIN ENHANCEMENTS TO THE PROPOSED WATER SYSTEM IN ORDER TO MAKE THE SYSTEM MORE FUNCTIONAL ONCE COMPLETE AND TURNED OVER TO THE CITY OF ROCKFORD. SPECIFICALLY, THESE IMPROVEMENTS INCLUDE A NEW 8" VALVE AT THIRD STREET, NORTH OF CATLIN; DISCONNECT SEVENTH AVENUE MAIN FROM EXISTING SIX INCH MAIN AND CONNECT TO 12 INCH MAIN WITHIN KISHWAUKEE STREET; AND ABANDONING SIX INCH MAIN BY INSTALLING A PLUG AND FILLING THE LINE WITH FLOWABLE FILL PER IDOT REQUIREMENTS. ALTERNATE 6 ITEMS ARE SHOWN ON THE DRAWINGS.

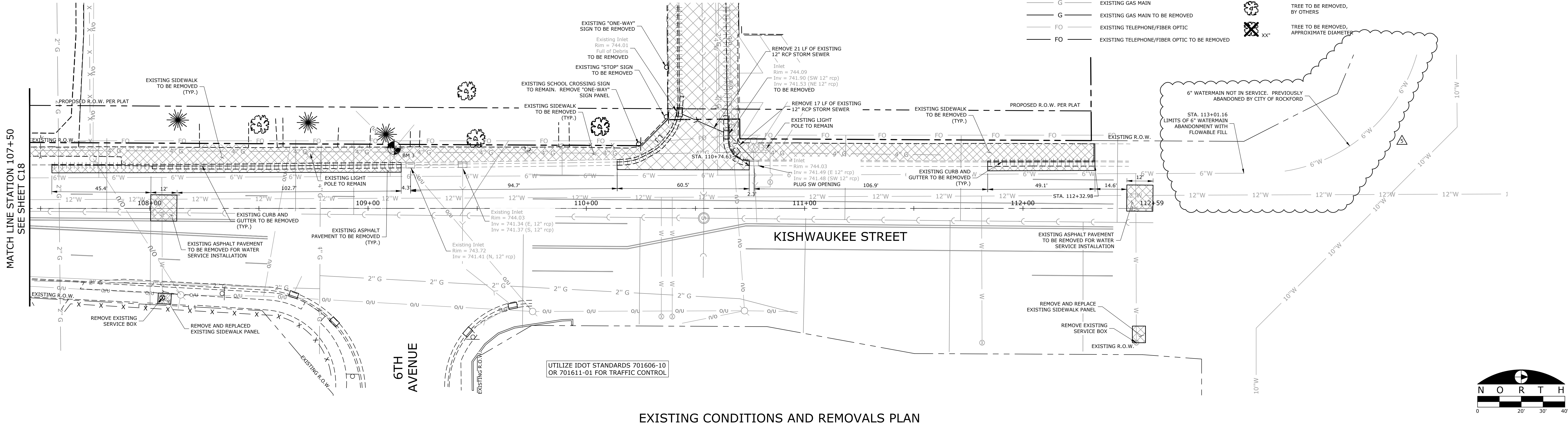
BENCHMARKS	
DESCRIPTION	ELEVATION
<b>BENCHMARK 1</b> NORTH CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 35' SOUTH OF GREGORY STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.29
<b>BENCHMARK 2</b> NORTHWEST CAP BOLT ON FIRE HYDRANT LOCATED APPROX. 40' SOUTH OF CATLIN STREET AND APPROX. 25' WEST OF KISHWAUKEE STREET	746.66
<b>BENCHMARK 3</b> BENCHMARK IN SOUTH FACE OF POWER POLE LOCATED APPROX. 140' SOUTH OF UNION STREET AND 25' WEST OF KISHWAUKEE STREET	745.38
<b>BENCHMARK 4</b> BENCHMARK IN SOUTHEAST FACE OF POWER POLE LOCATED APPROX. 120' SOUTH OF CATLIN STREET AND 25' EAST OF 3RD STREET	745.74

## REMOVAL NOTES

1. EXTEND SIDEWALK REMOVAL PAST LIMITS SHOWN TO THE NEAREST JOINT AT NO ADDITIONAL COMPENSATION (TYPICAL ALL).
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## LEGEND

EXISTING PAVEMENT TO BE REMOVED	EXISTING CONTOUR	EXISTING ASPHALT PAVEMENT OR SIDEWALK TO BE REMOVED	TREE TO BE PROTECTED WITH SNOW FENCE TO DRIP LINE OR MAXIMUM EXTENT PRACTICAL
EXISTING CURB & GUTTER TO BE REMOVED	EXISTING FIRE HYDRANT ASSEMBLY	EXISTING WATER MAIN	EVERGREEN TREE
6"W	EXISTING WATER VALVE	EXISTING SANITARY SEWER	BUSH
6"W	EXISTING WATER MAIN TO BE REMOVED	EXISTING BURIED ELECTRIC	EXISTING SIGN
EXISTING SANITARY SEWER	EXISTING MANHOLE OR CATCH BASIN TO BE REMOVED	U/E	GAS METER
EXISTING SANITARY SEWER TO BE REMOVED	EXISTING SANITARY MANHOLE	O/U	ELECTRIC METER
EXISTING STORM SEWER	EXISTING LIGHT POLE	O/U	A/C UNIT
EXISTING STORM SEWER TO BE REMOVED	TREE TO BE REMOVED, APPROXIMATE DIAMETER	G	BOLLARD
EXISTING BURIED ELECTRIC		G	SANITARY CLEANOUT
EXISTING BURIED ELECTRIC TO BE REMOVED		FO	
EXISTING OVERHEAD WIRES		FO	
EXISTING OVERHEAD WIRES TO BE REMOVED			
EXISTING GAS MAIN			
EXISTING GAS MAIN TO BE REMOVED			
EXISTING TELEPHONE/FIBER OPTIC			
EXISTING TELEPHONE/FIBER OPTIC TO BE REMOVED			



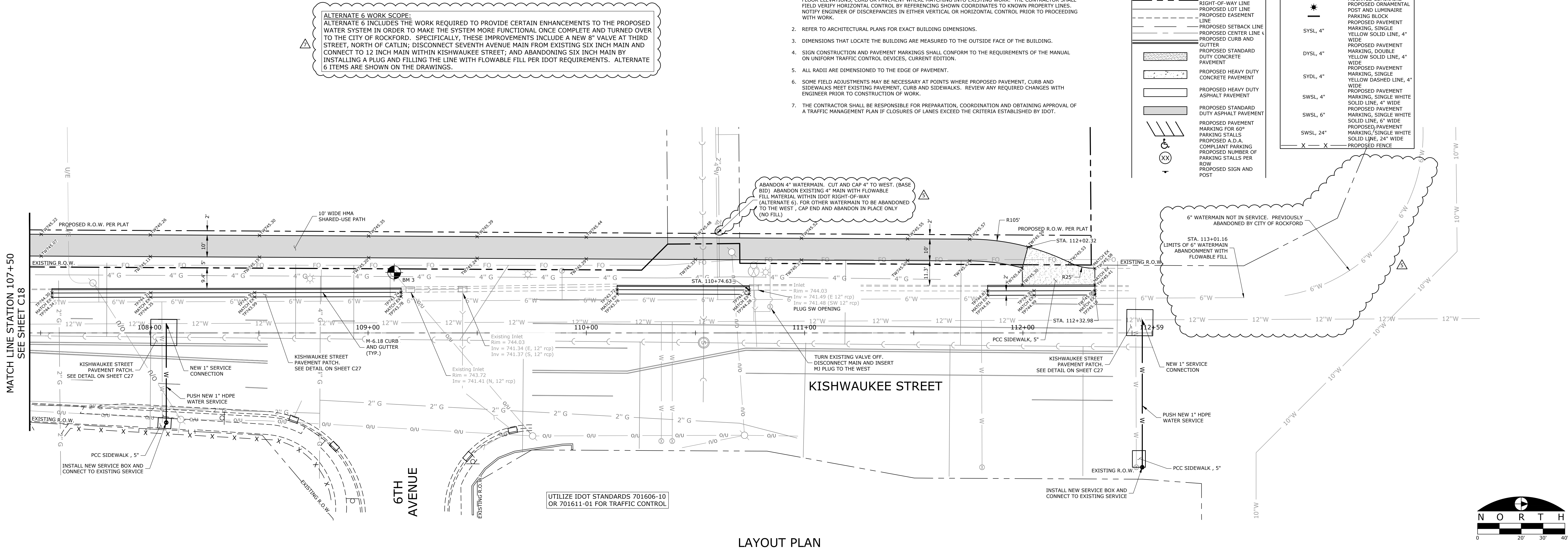
EXISTING CONDITIONS AND REMOVALS PLAN

## LAYOUT NOTES

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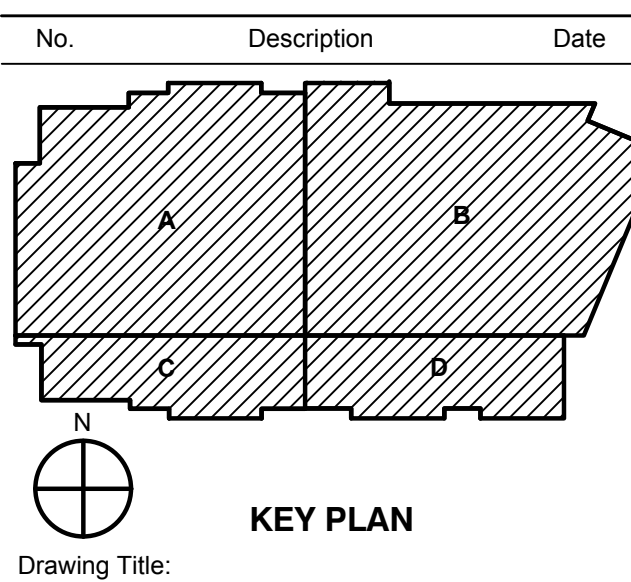
## LEGEND

PROPOSED PROPERTY LINE	PROPOSED BOLLARD
PROPOSED RIGHT-OF-WAY LINE	PROPOSED POLE
PROPOSED EASEMENT LINE	PROPOSED ORNAMENTAL POST AND LUMINAIRE
PROPOSED SETBACK LINE	PROPOSED PAVEMENT MARKING, SINGLE YELLOW SOLID LINE, 4"
PROPOSED CENTER LINE	PROPOSED PAVEMENT MARKING, DOUBLE YELLOW SOLID LINE, 4"
PROPOSED CURB AND GUTTER	PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 4"
PROPOSED STANDARD DUTY CONCRETE PAVEMENT	PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 6"
PROPOSED HEAVY DUTY CONCRETE PAVEMENT	PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 24"
PROPOSED HEAVY DUTY ASPHALT PAVEMENT	PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 24"
PROPOSED STANDARD DUTY ASPHALT PAVEMENT	PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 24"
PROPOSED PAVEMENT MARKING FOR 60' PARKING STALLS	PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 24"
PROPOSED PAVEMENT MARKING FOR 60' COMPLAINT PARKING	PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 24"
PROPOSED PAVEMENT MARKING FOR 60' COMPLAINT PARKING	PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 24"
PROPOSED PAVEMENT MARKING FOR 60' COMPLAINT PARKING	PROPOSED PAVEMENT MARKING, SINGLE WHITE SOLID LINE, 24"



LAYOUT PLAN

2	ADDENDUM 7	06/07/2017
2	ADDENDUM 5	05/22/2017
1	ISSUED FOR BID	03/01/2017

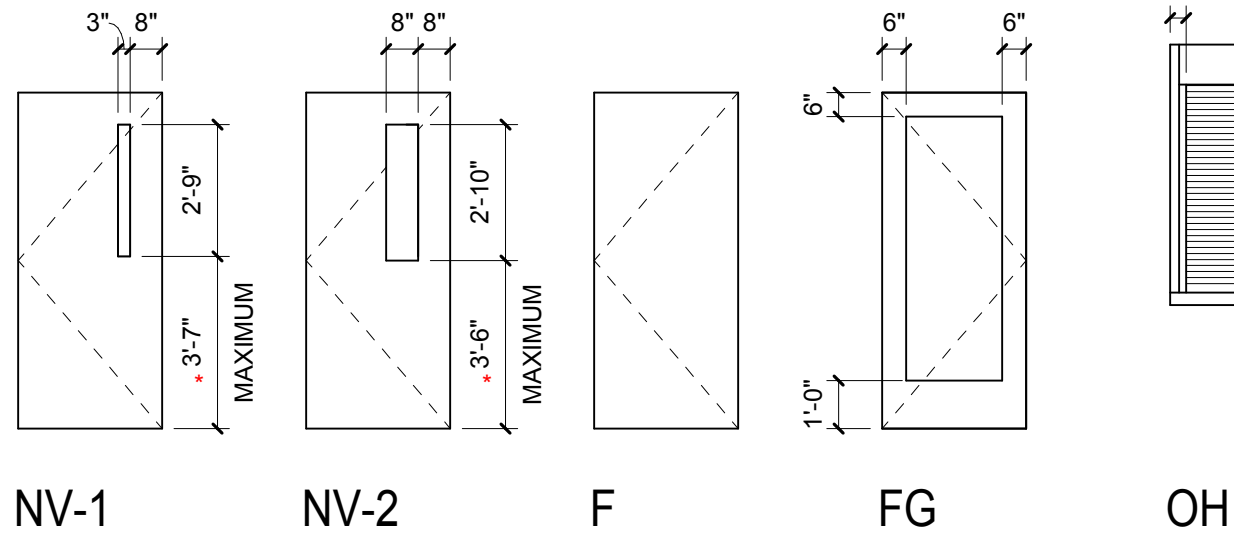


## KISHWAUKEE STREET CORRIDOR PLAN STA. 107+50 - 112+50

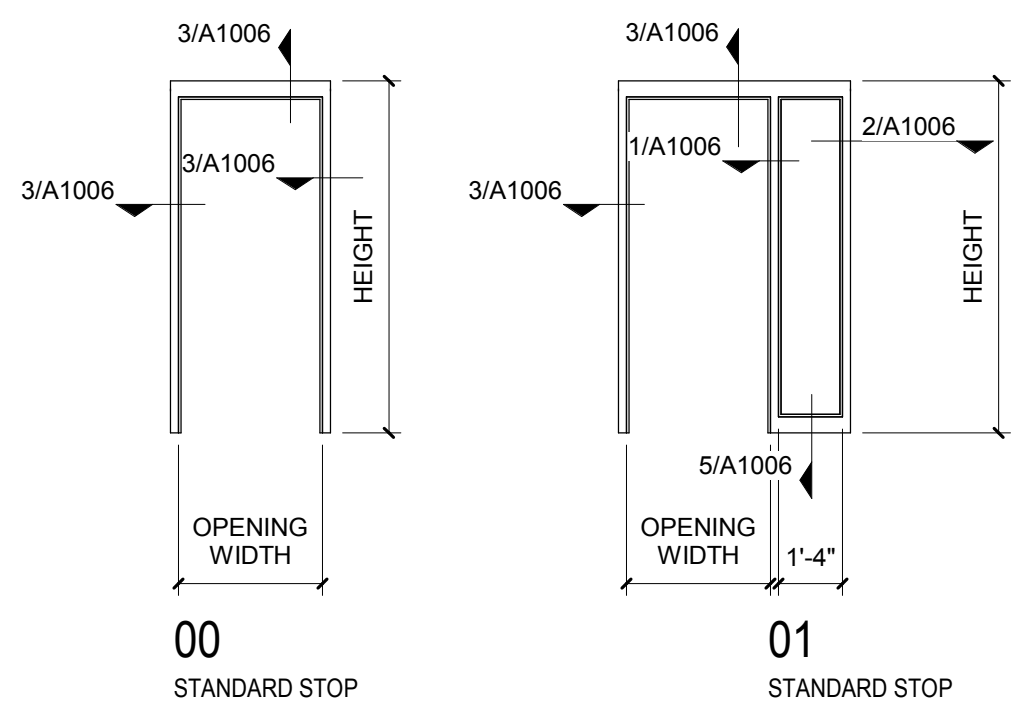
Project No.: 005005.00 Checked by: JSL



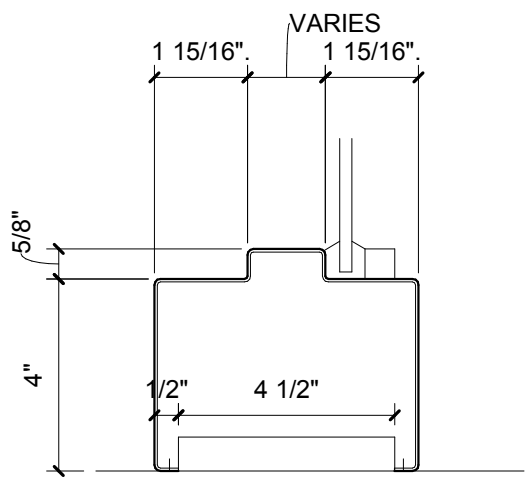
DOOR SCHEDULE														
OPENING NUMBER	TYPE	DOOR SIZE				MATERIAL	GLASS TYPE	TYPE	FRAME DETAILS			FRAME GLASS TYPE	FIRE RATING (MIN.)	HARDWARE SET
		OPENING WIDTH	LEAF WIDTH	OPENING HEIGHT	THICKNESS				HEAD	JAMB	SILL			
420A	OH	2'-8"		5'-5 1/8"		AL	-	-	ST	-	-	-		10.00
420B	OH	14'-8"		5'-5 1/8"		AL	-	-	ST	-	-	-		10.00
422A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		AC4.05
423A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		3.00
424A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-		AC4.16
425A	NV-2, NV-2	6'-0"	3'-0"	7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-		AC3.07
425B	NV-2, NV-2	6'-0"	3'-0"	7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-		AC3.07
425C	NV-2, NV-2	6'-0"	3'-0"	7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-		AC3.07
426A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-		AC4.14
427A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-	90	E4.00
428A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-	90	E4.00
429A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-		AC3.06
430A	NV-1	3'-0"		7'-0"	1 3/4"	WD	G2	00	HM	04/A1006	03/A1006	-	90	E3.00
431A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-		AC4.11
432A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-		AC4.11
433A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-		AC4.11
434A	NV-1	3'-0"		7'-0"	1 3/4"	WD	G2	00	HM	04/A1006	03/A1006	-	90	E3.00
434B	NV-1	3'-0"		7'-0"	1 3/4"	WD	G2	00	HM	04/A1006	03/A1006	-	90	E3.00
435A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-		E3.00
436A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-		3.04



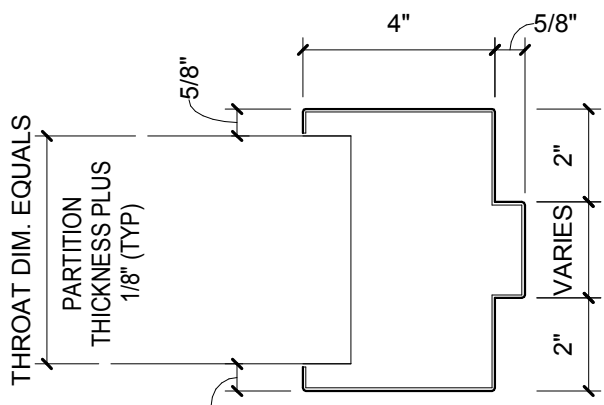
PANEL TYPES



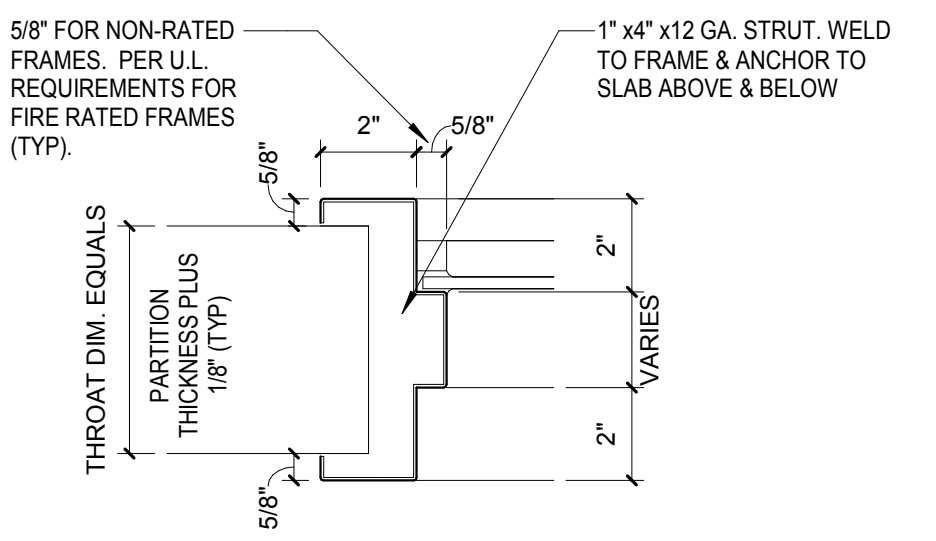
FRAME TYPES



5 HM PROFILE  
3" = 1'-0"

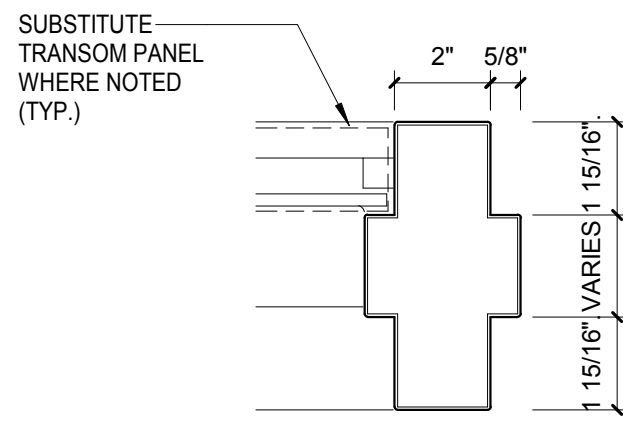


4 HM PROFILE  
3" = 1'-0"

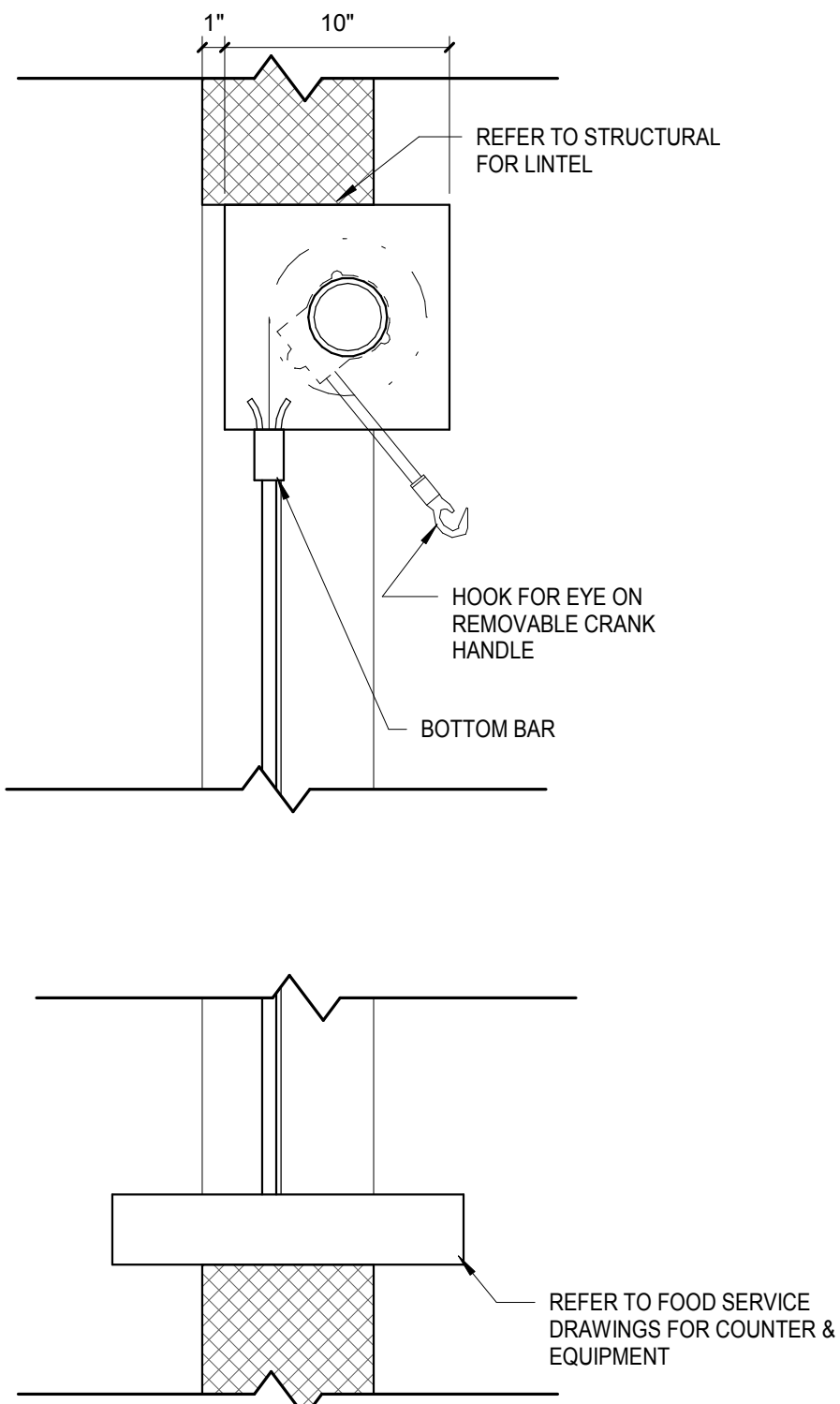


2 HM PROFILE  
3" = 1'-0"

3 HM PROFILE  
3" = 1'-0"



1 HM PROFILE  
3" = 1'-0"



6 OH COUNTER DOOR SECTION (TYP.)  
1 1/2" = 1'-0"

DOOR SCHEDULE

DOOR							FRAME										
OPENING NUMBER	TYPE	SIZE				MATERIAL	GLASS TYPE	TYPE	MATERIAL	DETAILS			FRAME GLASS TYPE	FIRE RATING (MIN.)	HARDWARE SET	COMMENTS	
		OPENING WIDTH	LEAF WIDTH	OPENING HEIGHT	THICKNESS					HEAD	JAMB	SILL					
100A	FG, FG	6'-0"	3'-0"	7'-9 1/2"	1 3/4"	AL	G4	SEE ELEV	AL			G4			AC1.00	1	
100B	FG, FG	6'-0"	3'-0"	7'-9 1/2"	1 3/4"	AL	G1	SEE ELEV	AL			G1			AC1.03	1	
100C	FG, FG	6'-0"	3'-0"	7'-9 1/2"	1 3/4"	AL	G4	SEE ELEV	AL			G4			AC1.01	1	
100D	FG, FG	6'-0"	3'-0"	7'-9 1/2"	1 3/4"	AL	G1	SEE ELEV	AL			G1			AC1.04	1	
101A	FG	3'-0"		7'-0"	1 3/4"	WD	G1	01	HM	04/A1006	03/A1006	-			AC4.09		
101B	FG	3'-0"		7'-0"	1 3/4"	WD	G1	01	HM	04/A1006	03/A1006	-	G1		4.00		
102A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			5.01	3	
102B	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
103A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			7.02	2	
104A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			3.01		
106A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			5.02	3	
107A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC4.16		
108A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-			AC4.11	2	3
108B	F	3'-0"		7'-0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			E1.01		
108A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			7.01	2	
110A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			8.02	2	
111A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			6.00	2	
114A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.13		
115A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
115B	FG, FG	6'-0"	3'-0"	7'-1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL			G5			8.00	4	
116A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
116B	FG, FG	6'-0"	3'-0"	7'-0"	1 3/4"	AL	G5	SEE ELEV	AL			G5			8.00	4	
117A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
117B	FG, FG	6'-0"	3'-0"	7'-0"	1 3/4"	AL	G5	SEE ELEV	AL			G5			8.00	4	
118A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
118B	FG, FG	6'-0"	3'-0"	7'-1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL			G5			8.00	4	
120A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	2	3
121A	FG	3'-0"		7'-10"	1 3/4"	AL	G4	SEE ELEV	AL						8.00		
121B	FG	3'-0"		7'-10"	1 3/4"	AL	G4	SEE ELEV	AL						E1.00	2	
121C	FG	3'-0"		7'-10"	1 3/4"	AL	G4	SEE ELEV	AL						E1.00		
121D	FG	3'-0"		7'-10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00		
121E	FG	3'-0"		7'-10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00		
121F	FG	3'-0"		7'-10"	1 3/4"	AL	G5	SEE ELEV	AL						3.01	2	3
122A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
123A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
123B	FG, FG	6'-0"	3'-0"	7'-0"	1 3/4"	AL	G5	SEE ELEV	AL			G5			8.00	4	
124A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
124B	FG, FG	6'-0"	3'-0"	7'-0"	1 3/4"	AL	G5	SEE ELEV	AL			G5			8.00	4	
125A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
125B	FG, FG	6'-0"	3'-0"	7'-0"	1 3/4"	AL	G5	SEE ELEV	AL			G5			8.00	4	
126A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.06	3	
126B	FG, FG	6'-0"	3'-0"	7'-0"	1 3/4"	AL	G5	SEE ELEV	AL			G5			8.00	4	
128A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.13		
128A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.12		
130A	F, F	6'-0"	3'-0"	7'-10"	1 3/4"	AL	G4	SEE ELEV	AL			G4			AC4.02		
200A	FG, FG	6'-0"	3'-0"	7'-1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	2	4
201A	FG, FG	6'-0"	3'-0"	7'-1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
202A	FG, FG	6'-0"	3'-0"	7'-1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
203A	FG, FG	6'-0"	3'-0"	7'-1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
204A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC3.03	3	
204B	F, F	6'-0"	4'-0"	7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC3.00	4	
205.2A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3	
205A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3	
206A	FG	3'-0"		7'-4"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	3	
207A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	2	3
208A	FG	3'-0"		7'-4"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	3	
208A	FG, FG	6'-0"	3'-0"	7'-1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
210A	FG, FG	6'-0"	3'-0"	7'-1 1/2"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
211A	F, F	6'-0"	4'-0"	7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC3.00	4	
211B	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC3.03	3	
212A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3	
213A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G1	00	HM	04/A1006	03/A1006	-			AC4.11	3	
214A	FG, FG	6'-0"	3'-0"	7'-0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
215A	FG, FG	6'-0"	3'-0"	7'-0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
300A	F, F	6'-0"	3'-0"	7'-10"	1 3/4"	AL	G4	SEE ELEV	AL			G4			5.04	4	
301A	FG, FG	5'-11 1/4"	3'-0"	7'-0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
301B	F	3'-0"		7'-0"	1 3/4"	HM	-	00	HM	6/A0457	3/A0420	-			5.04	4	STORM SHELTER DOORS
302A	FG, FG	6'-0"	3'-0"	7'-0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
303A	FG, FG	6'-0"	3'-0"	7'-0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
304A	FG, FG	5'-11 1/4"	3'-0"	7'-0 3/4"	1 3/4"	AL	G5	SEE ELEV	AL			G5			5.04	4	
306A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			6.00	2	
307A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			6.00	2	
308A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			6.00	2	
308A	F, F	6'-0"	4'-0"	7'-0"	1 3/4"	HM	-	00	HM	2/A0457	2/A0801	-			WS2.0	4	STORM SHELTER DOORS. 4
309B	F, F	6'-0"	4'-0"	7'-0"	1 3/4"	HM	-	00	HM	2/A0457	2/A0801	-	90		WS2.0	4	STORM SHELTER DOORS. 4
310.1A	NV-2	3'-0"		7'-0"	1 3/4"	WD	G5	00	HM	04/A1006	03/A1006	-	90		5.03	3	
310.2A	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			5.03	3	
311A	FG	3'-0"		7'-10"	1 3/4"	AL	G4	SEE ELEV	AL						E1.00	2	
311B	FG	3'-0"		7'-10"	1 3/4"	AL	G4	SEE ELEV	AL						E1.00		
311C	FG	3'-0"		7'-10"	1 3/4"	AL	G4	SEE ELEV	AL						AC4.06		
311D	FG	3'-0"		7'-10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00		
311E	FG	3'-0"		7'-10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00		
311F	FG	3'-0"		7'-10"	1 3/4"	AL	G5	SEE ELEV	AL						1.00		
314A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			AC4.17		
314B	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.06		
315A	F	3'-0"		7'-0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			AC4.09		
315B	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.12	2	
316A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			5.04	4	
317A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC4.03		
318A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-	90		AC4.09		
318B	F	3'-0"		7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-	90		AC4.17	2	
319A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			AC4.12		
320A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-	90		AC4.06		
321A	F, F	6'-0"	3'-0"	7'-0"	1 3/4"	HM	-	00	HM	04/A1006	03/A1006	-			AC2.01		
322A	F, F	6'-0"	4'-0"	7'-0"	1 3/4"	WD	-	00	HM	04/A1006	03/A1006	-			AC2.01		
322B	F, F	6'-0"	4'-0"	7'-0"	1 3/												