RENOVATIONS TO WASHINGTON ACADEMY
1421 WEST STREET
ROCKFORD, ILLINOIS 61102

ROCKFORD PUBLIC SCHOOL DISTRICT 205
501 SEVENTH STREET
ROCKFORD, ILLINOIS 61104

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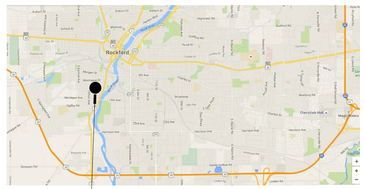

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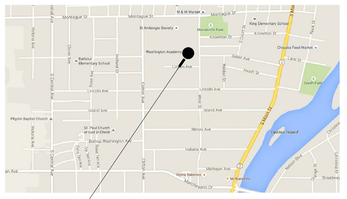
LOCATION MAP



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ROCKFORD, ILLINOIS 61102

SEALS

3/4/16
STATE OF ILLINOIS
SCOTT R. JOHNSON
01 4571
LICENSED ARCHITECT
Exp 11/29/16
SHEETS A101 THRU A116

LICENSED ARCHITECT
JENNIFER L. DEUTH FRITTS
001.022172
STATE OF ILLINOIS
-EPS205
EXP 11/30/16 Sheets F101, F102, F103

LICENSED PROFESSIONAL ENGINEER
SCOTT JAY BAIER
620-59748
STATE OF ILLINOIS
ME SHEETS ONLY
SIGNATURE
4 MAR 2016
DATE
LICENSE EXPIRES 11-30-2017

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SHEET IDENTIFICATION

COVER SHEET

PROJECT INFORMATION

Date	March 4, 2016
Rev. Date	
RLJA Proj	2015-049

SHEET NUMBER

1
OF
1

674

GENERAL NOTES AND CONDITIONS

1. All earthwork, grading and paving shall be performed in accordance with Standard Specifications for Road and Bridge Construction in Illinois, State of Illinois department of transportation, current edition, and all revisions and supplements thereto, the specifications contained in this project manual, and the requirements and specifications of the City of Rockford. In case of conflict between the standard specifications and the project specific specifications in this manual, the specifications in the manual shall govern.
2. All water main shall be constructed in accordance with "Standard Specifications for Water and Sewer Main Construction" in Illinois latest edition and the standard specifications and requirements of the City of Rockford (water). The contractor is responsible for familiarizing himself with these requirements.
3. The City of Rockford engineering department must be notified by the contractor at least two (2) working days prior to the commencement or resumption of any work.
4. The contractor shall keep careful measurements and records of all construction and shall furnish the owner with record drawings upon completion of his work.
5. The contractor shall verify the location of all utilities in the field prior to construction. This includes sanitary sewer, water main, storm sewer, telephone, electric, gas, and cable television, if any. The J.U.L.I.E. number is 1-800-892-0123.
6. All work performed by the contractor shall come with a warranty against defects in workmanship and materials. This warranty period shall run concurrent with the required warranty periods the owner must provide to each local government agency, as a condition of the permit. At a minimum, a 12 month warranty is required. Coordinate with each local agency for any additional requirements.
7. Any excess clean fill dirt shall be disposed of by the contractor at the contractor's preferred offsite location and at the contractor's expense. All other debris must be disposed of at an offsite location at the contractor's expense.
8. All structures, inlets, pipes, swales and roads must be kept clean and free of dirt and debris at all times.
9. The contractor is responsible for maintaining adequate signs, barricades, fencing, traffic control devices and measures, and all other measures that are necessary to protect the safety of the site at all times. All traffic control must be maintained at all times in accordance with current MUTCD and State of Illinois standards.
10. Contractor is responsible to provide secure storage for his own equipment. Designated storage locations will be identified for the contractor. Contractor will have the option of installing secure trailer or fenced yard at his expense at a location designated by the owner.
11. Any adjacent lands disturbed by the contractor shall be restored by the contractor to the satisfaction of the owner. It is in the contractors interest to control his equipment and haul routes to minimize disturbance to adjacent lands.
12. The contractor, by agreeing to perform the work, agrees to indemnify and hold harmless the owner, the engineer, the city of rockford, and all agents and assigns of those parties, from all suits and claims arising out of the performance of said work, and further agrees to defend or otherwise pay all legal fees arising out of the defense of said parties.
13. All elevations are NAVD 88 datum.
14. Any field tiles encountered during construction shall be recorded showing size, location, and depth by the contractor, and either reconnected and rerouted or connected to the storm sewer system. The owner shall be notified immediately upon encountering any tile.
15. The contractor shall field verify the elevations of the benchmarks prior to commencing work. the contractor shall also field verify the location and elevation of existing pipe inverts, curb or pavement where matching into existing work. The contractor shall field verify horizontal control by referencing property corners to known property lines. notify the engineer of discrepancies in either vertical or horizontal control prior to proceeding.
16. Property corners shall be carefully protected until they have been referenced by a professional land surveyor.
17. Contractor shall use the owner's engineer, arc design resources for construction layout services and shall Contact Arc Design directly to negotiate required scope of services and fee. Contractor shall include all necessary construction layout in his bid. Contact Kurt Thomas at 815-484-4300 x247.

STORM SEWER NOTES

1. Storm sewer shall be constructed in accordance with the following:
   - A. "Standard Specifications for Water and Sewer Main Construction in Illinois" (Standard Specifications), seventh edition dated 2014, and all revisions and supplements thereto.
   - B. Concrete pavement shall be constructed in accordance with the Illinois Department of Transportation (IDOT) "Standard Specifications for Road and Bridge Construction" (Standard Specifications), latest edition, including all updates and standards thereto.
   - C. Standards and requirements of City of Rockford.
   - D. Additional details and requirements provided in the contract documents, including this plan set.

   Where criteria of the aforementioned specifications conflict, the more stringent criteria shall be implemented.
2. Material Specifications. All storm sewer system elements shall conform to the following specifications:
   - A. Sewer Pipe. All storm sewer pipe shall be reinforced concrete pipe unless otherwise specifically noted in this plan set.
     - a. Sump pump service connection and storm sewer extension (4" and 6")--ABS sewer pipe or PVC sewer pipe ASTM D2751, SDR35, or ASTM D3034, SDR35, respectively.
     - b. Concrete sewer pipe (10" diameter and smaller), minimum Class 3, ASTM C14.
     - c. Reinforced concrete pipe (12" diameter and larger), circular reinforcement, minimum Class 3, wall B, ASTM C76.
     - d. Reinforced concrete arch culvert pipe--double line reinforcement, minimum Class 3, ASTM C506.
     - e. Reinforced concrete elliptical culvert pipe--minimum Class HE-III or VE-III, ASTM C507.
     - f. PVC underdrain pipe (4" and 6")--ASTM D2729, SDR35.
     - g. Galvanized corrugated steel culvert pipe AASHTO M246, Type B, minimum wall thickness 14 gauge (shall only be used for culverts).
   - B. Sewer Pipe Joints.
     - a. ABS pipe--ASTM C443.
     - b. PVC pipe--ASTM D3212, push-on type, except underdrain pipe which shall have solvent welded joints.
     - c. Reinforced concrete pipe--ASTM C443 ("O" ring).
   - C. Casing Pipes. Steel pipe--ASTM A120, 3/8" minimum thickness.
   - D. Manholes and Catch Basins.
     - a. Precast reinforced concrete--ASTM C478.
     - b. Size:
     - c. For sewer eighteen inches in diameter or less, manhole shall have a forty-eight inches inside diameter.
     - d. For sewer twenty-one to thirty-six inches in diameter, manhole shall have a sixty inch inside diameter.
     - e. For sewer greater than thirty-six inches in diameter, manhole shall have an offset riser pipe of forty-eight inches inside diameter.
     - f. Adjustment: No more than two precast concrete adjusting rings with six inch maximum height adjustment shall be allowed.
     - g. Pipe and frame seals: All pipe connection openings shall be precast with resilient rubber watertight pipe to manhole sleeves or seals. External flexible watertight sleeves shall also extend from the manhole cone to the manhole frame. Pipe and frame seals: All pipe connection openings shall be made watertight with hydraulic cement. The hydraulic cement sealing pipe connections shall extend the full thickness of the structure wall. Hydraulic cement shall also be applied within the structure from the cone section, past all adjustment rings, to the frame.
     - h. Bottom sections: All bottom sections shall be monolithically precast including bases and invert flowlines.
   - E. Inlets.
     - a. Precast reinforced concrete--ASTM C478 and ASTM C443.
     - b. Size: Inlets shall have a twenty-four inch inside diameter and a maximum depth of four feet.
     - c. Adjustment: No more than two precast concrete adjusting rings with six inch maximum height adjustment shall be allowed.
     - d. Only one pipe connection is allowed, and it shall be precast with resilient rubber watertight pipe to manhole sleeves or seals. External flexible watertight sleeves shall also extend from the manhole cone to the manhole frame.
     - e. Bottom sections: All bottom sections shall be monolithically precast including bases and invert flowlines.
   - F. Castings (Unless otherwise noted within the plans)

     Manhole frame and cover--Use area inlet as listed below unless specified as a "closed lid" in this plan set. Closed lid frame and covers shall be Neenah No. R-1772-C embossed "STORM SEWER".
     - a. Manhole steps--Neenah No. R-1981-I.
     - b. Six inch curb and gutter inlet--Neenah No. R-3032.
     - c. Yard inlet--Neenah No. R-2579.
     - d. Parking lot inlet--Neenah No. R-2450.
   - G. Crushed Granular Bedding: Crushed gravel or crushed stone course aggregate--ASTM C33, Size No. 67.
3. All end sections 24" and greater shall come equipped with trash grate and toe block in compliance with Illinois Department of Transportation standard.
4. Inspect pipe for defects and cracks before being lowered into the trench, piece by piece. Remove and replace defective, damaged or unsound pipe or pipe that has had its grade disturbed after laying. Protect open ends with a stopper to prevent earth or other material from entering the pipe during construction. Remove dirt, excess water, and other foreign materials from the interior of the pipe during the pipe laying progress.
5. Install pipe in accordance with manufacturer's written recommendations.
6. Commence installation at the lowest point for each segment of the route. Lay RCP with the groove or bell end up-stream.
7. Lay pipe to the required line and slope gradients with the necessary fittings, bends, manhole, risers and other appurtenances placed at the required location as noted on Drawings.
8. All storm sewers under and within two feet of any existing or proposed pavement shall be backfilled with granular backfill material IDOT gradation FA-6 or approved equal. (Grade 8 or Grade 9).
9. Compact backfill to 98 percent of maximum density in accordance with ASTM D698, (or 95 percent of maximum density, in accordance with ASTM D1557) obtained at optimum moisture as determined by AASHTO T180.
10. Do not backfill trenches until required tests are performed and utility systems comply with and are accepted by applicable governing authorities.
11. Backfill trenches to contours and elevations shown on the drawings.

PAVEMENT MARKING NOTES

1. Apply two (2) coats for all pavement markings.
2. Material description: a fast drying, high hiding marking paint for concrete, brick and bituminous surface. this product has been designed for painting centerlines and edgelines of highways, City crosswalks and stop zones, parking lots, traffic aisles, etc. Do not apply to in temperatures below 50 F.
3. Paint properties:
   - A. Pigment 4991 yellow -- leaD-free organic yellow min. 4.8% titanium dioxide min. 2.8 % calcium carbonate max. 93%
   - B. the percentage pigment by weight of the finished product shall not be less than 50% no more than 54%. (ASTM d3723)
   - C. Vehicle: the non-volatile portion of the vehicle shall be composed of a 100% acrylic polymer and shall not be less than 44% by weight.
   - D. ASTM d2697)
   - E. Organic volatiles: the finished paint shall contain less than 150 grams of volatile organic matter per liter of total paint. (ASTM d3960)
   - F. Total solids: the finished paint shall not be less than 73% total non-volatile by weight. (ASTM d2369)
   - G. Grind: the paint shall have a grind of not less than 3 on a hegman grind gauge. (ASTM d210)
   - H. Viscosity: the consistency of the paint shall not be less than 83 nor more than 98 kreb units at 77° F. (ASTM d562)
   - I. Freeze / Thaw stability: the paint shall show no coagulation or change in consistency greater than 10 kreb units after 3 cycles. (ASTM d2243)
   - J. Heat stability: the paint shall show no coagulation, discoloration, or change in consistency greater than 10 kreb units when tested in accordance within federal specification tt-p-1952b, section 4.5.8.
   - K. Storage stability: after 30 days storage in a three quarters filled, closed container, the paint shall show no caking, skinning, livering, curdling, biological growth, or hard settling. the viscosity shall not change more than 5 kreb units from the original sample.
   - L. No pick-up time: the no pick-up time shall be less than 10 minutes. the test shall follow the requirements of ASTM d711 with a wet film thickness of 0.38 mm (15 mils).
   - M. Dry through time: the paint, when applied to a non-absorbent substrate at a wet film thickness of 0.38 mm (15 mils) and placed in a humidity chamber controlled at 90 +/-5% r.h. and 72.5° +/- 1.4° F shall have a dry through time not greater than 15 minutes when tested in accordance with ASTM d1640.
4. USBR 20 shall be Thermoplastic Pavement markings.

GENERAL PAVING NOTES

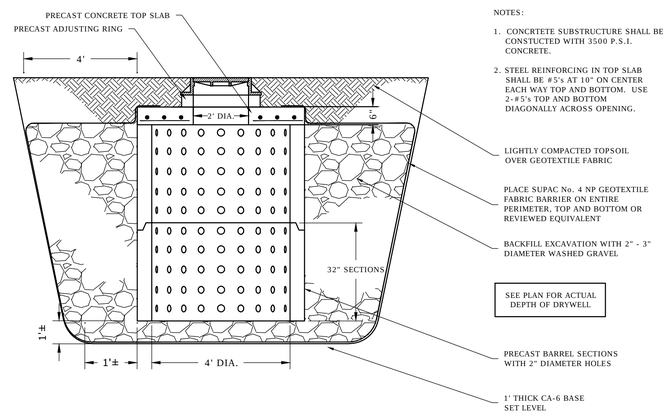
1. All pavement shall be constructed in accordance with the following:
   - A. Concrete pavement shall be constructed in accordance with the Illinois Department of Transportation (IDOT) "Standard Specifications for Road and Bridge Construction" (Standard Specifications), latest edition, including all updates and standards thereto.
   - B. Standards and requirements of City of Rockford.
   - C. Additional details and requirements provided in the contract documents, including this plan set.
2. All proposed pavement areas shall be stripped of all topsoil and unsuitable material and excavated or filled to within 0.10 feet of design subgrade.
3. The subgrade of pavement areas shall be free of all unsuitable material and shall be compacted to a minimum 95 per cent of Standard proctor density.
4. The subgrade shall be proof rolled, inspected and approved by the City of Rockford prior to placing the base material. Notify the engineer at least 48 hours prior to finished subgrade preparation.
5. The earthwork contractor shall be responsible for removal of spoil material from the underground contractors, preparing the roadway subgrade, proof rolled, placing topsoil to a minimum depth of 4 inches to finished grade in the parkways areas only, grading of drainage swales, and all other tasks as directed by the owner or engineer.
6. The quantities contained in these documents are approximate and estimated, and are presented as a guide to the contractor in determining the scope of work. It is the Contractor's responsibility to determine all quantities and to become familiar with the site and soil conditions.
7. The paving Contractor is responsible for the final subgrade preparation, proof rolling, the pavement base, binder, and surface, and all final clean-up and related work associated with the paving operation.
8. The proposed pavement shall be of the type and thickness as specified in the engineering drawings, and constructed in strict conformance with the previously referenced IDOT standard specifications and City of Rockford.
9. Areas of deficient paving, including compaction, smoothness, thickness, and asphalt mixture, shall be delineated, removed, and replaced in compliance with Specifications requirements unless corrected otherwise as directed and approved by the owner.
10. Field quality control tests specified herein will be conducted by the owner's Independent Testing Laboratory (ITL) at no cost to the contractor. Any testing and inspection resulting from the requirements of necessary permits by City of Rockford or the State of Illinois shall be at the contractor's expense. The contractor shall perform additional testing as considered necessary by the contractor for assurance of quality control. Retesting required as a result of failed initial tests shall be at the contractor's expense.
    - A. Field testing, frequency, and methods may vary as determined by and between the owner,the ITL and City of Rockford.
    - B. Testing shall be performed on finished surface of each asphalt concrete course for smoothness, using 10'_0" straightredge applied parallel with, and at right angles to centerline of paved area. The following tolerances in 10 ft shall not be exceeded: Base Course Surface: 1/4-inch, Wearing Course Surface: 1/8-inch.
    - C. No ponding shall occur on paved surfaces.

ADDITIONAL ASPHALT PAVING NOTES

1. Weather Limitations:
   - A. Apply prime and tack coats when ambient or base surface temperature is above 40 F, and when temperature has been above 35 F for 12 hours immediately prior to application. Do not apply when base is wet, contains excess moisture, during rain, or when frozen.
   - B. Construct asphaltic concrete paving when ambient temperature is above 40 F.
2. Materials shall comply with the following standards of quality:
   - A. Asphalt Cement: Comply with AASHTO M 226; Table 2 AC_10, AC_20, or AC_40, viscosity grade, depending on local mean annual air temperature in accordance with the following chart: Mean annual air temperature 45 F or lowerAC_10 85/100 pen. Mean annual air temperature between 45 F and 75 F AC_20 60/70 pen. Mean annual air temperature AC_40 75 F or higher
   - B. Prime Coat: Medium curing cut_back asphalt or asphalt penetrating prime coat consisting of either MC_30 or SS_1h.
   - C. Tack Coat: Emulsified asphalt; AASHTO M 140 or AASHTO M 208, SS_1h, CSS_1, or CSS_1h, diluted with 1 part water to 1 part emulsified asphalt.
   - D. Mineral Filler: Rock or slag dust, hydraulic cement, or other inert material complying with AASHTO M 17, if recommended by state highway department specifications.
   - E. Asphalt_Aggregate Mixture: Unless otherwise noted on the Drawings, design mix shall have minimum stability based on 75_blow Marshall complying with AASHTO T 245 of 1000 pounds with flow between 0.08 and 0.16 inches. The design mix shall be within sieve analysis and bitumen ranges specified below unless approved otherwise by the engineer prior to placement.
3. Mix design shall comply with Mix Design Table for East State Street and the following:
   - A. Base Course: Illinois Department of Transportation (IDOT) approved mix for Hot-Mix Asphalt Surface Course, Mix "C", N50.
   - B. Surface (Wearing) Course: Illinois Department of Transportation (IDOT) approved mix for Hot-Mix Asphalt Binder Course, IL-9.5, N50.
4. Remove loose material from compacted base material surface immediately before applying prime coat.
5. Establish and maintain required lines and elevations.
6. Cover the surfaces of curbs, gutters, manholes and other structures on which the asphaltic concrete mixture will be placed, with a thin, uniform coat of liquid asphalt. Where the asphaltic concrete mixture will be placed against the vertical face of an existing pavement, clean the vertical face to remove foreign substances and apply a coating of liquid asphalt at a rate of approximately 0.25 gallons per square yard.
7. Prime Coat:
   - A. Apply to base material surfaces at least 24 hours in advance.
   - B. Apply at minimum rate of 0.25 gal per sq. yd over compacted base material. Apply to penetrate and seal, but not flood surface.
   - C. Take necessary precautions to protect adjacent areas from over spray.
   - D. Cure and dry as long as necessary to attain penetration of compacted base and evaporation of volatile substances.
8. Tack Coat:
   - A. Apply to contact surfaces of previously constructed asphaltic concrete base courses or Portland cement concrete and surfaces abutting or projecting into asphaltic concrete or into asphaltic concrete pavement.
   - B. Apply tack coat to asphaltic concrete base course or sand asphalt base course. Apply emulsified asphalt tack coat between each lift or layer of full depth asphaltic concrete and sand asphalt bases and on surface of bases where asphaltic concrete paving will be constructed.
   - C. Apply at minimum rate of 0.05 gal per sq. yd of surface.
   - D. Allow drying until at proper condition to receive paving.
9. Place asphaltic concrete mixture on completed compacted subgrade surface, spread, and strike off. Spread mixture at following minimum ambient temperatures:
   - A. Between 40 and 50 F: Mixture temperature: 285 F
   - B. Between 50 and 60 F: Mixture temperature: 280 F
   - C. Higher than 60 F: Mixture temperature: 275 F
     - a. Whenever possible, spread pavement by finishing machine; however, inaccessible or irregular areas may be placed by hand methods. Spread hot mixture uniformly to required depth with hot shovels and rakes. After spreading, carefully smooth hot mixture to remove segregated course aggregate and rake marks. Rakes and lutes used for hand spreading shall be type designed for use on asphalt mixtures. Do not dump loads faster that they can be properly spread. Workers shall not stand on loose mixture while spreading.
     - b. Paving Machine Placement: Apply successive lifts of asphaltic concrete in transverse directions with surface course placed parallel to flow of traffic. Place asphaltic paving in typical strips not less than 10'-0" wide. Asphaltic concrete pavement, including base and surface course, shall be placed in two or more equal lifts. Each lift shall be from 1 to 3 inches thick.
     - c. Joints: Make joints between old and new pavements, or between successive days and work in manner that will provide continuous bond between adjoining work. Construction joints shall have same texture, density, and smoothness as other sections of asphaltic concrete course. Clean contact surfaces of joints and apply tack coat.
10. After being spread, mixture shall be compacted by rolling as soon as it will bear the weight of rollers without undue displacement. Number, weight, types of rollers, and sequences of rolling operations shall be such that the required density and surface are consistently attained while the mixture is in workable condition.
11. Compact mixture with hot hand tampers or vibrating plate compactors in areas inaccessible to rollers.
12. Breakdown Rolling: Perform breakdown or initial rolling immediately following rolling of joints and outside edge. Check surface after breakdown rolling and repair displaced areas by loosening and filling with hot material.
13. Second Rolling: Follow breakdown rolling as soon as possible while mixture is hot. Continue second rolling until mixture has been thoroughly compacted as follows:
14. Average Density: 96 percent of reference laboratory density according ASTM D1556, but not less than 94 percent nor greater than 100 percent.
    - A. Finish Rolling: Perform finish rolling while mixture is still warm enough for removal of roller marks. Continue rolling until roller marks are eliminated and course has attained maximum density.
    - B. Patching: Remove and replace paving areas mixed with foreign materials and defective areas. Cut out such areas and fill with fresh, hot asphaltic concrete. Compact by rolling to maximum surface density and smoothness.
    - C. Protection: After final rolling, do not permit vehicular traffic on pavement until it has cooled and hardened. Erect barricades to protect paving from traffic until mixture has cooled enough not to become marked. Any masked or marred finish surfaces shall be repaired or smoothed.
15. Asphalt paving joints shall conform to the following requirements:
    - A. Place each asphaltic paving layer as continuous as possible to keep the number of joints to a minimum. Create joints between old and new pavement, between successive days work, and where the mixture has become cold (less than 140 degrees F). Make these joints in such a manner as to create a continuous bond between the old and new pavement construction courses.
    - B. Offset joint of successive courses by at least 6 inches.
      - d. Transverse Joints: If placing of material is discontinued or if material in place becomes cold, make a joint running perpendicular to the direction traveled by the paver. Before placement continues, trim the edge of the previously placed pavement to a straight line perpendicular to the paver and cut back to expose an even vertical surface for the full thickness of the course. When placement continues, position the paver on the transverse joint so that sufficient hot mixture will be spread in order to create a joint after rolling that conforms to the required smoothness. If the temperature of the previously placed pavement material drops below 140 degrees F before paving is resumed, give the exposed vertical face a thin coat of liquid asphalt just before paving is continued.
      - e. Longitudinal Joints: Coat longitudinal joints that are not completed before the previously laid mixture has cooled to a temperature below 140 degrees F, with liquid asphalt just before paving is continued.

PRECAST CONCRETE DRYWELL

NOT TO SCALE



INLET TYPE A

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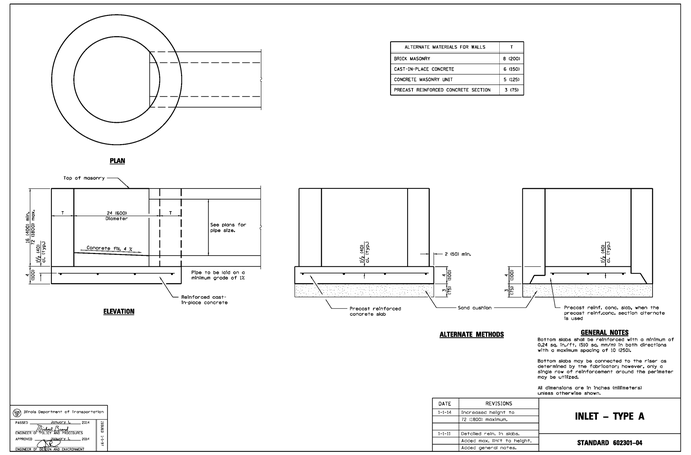

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)

DATE	REVISIONS
1-1-16	Increased height to 72 (800) maximum.
1-1-11	Detailed rein. in slabs.
	Added max. inch to height.
	Added general notes.

INLET – TYPE A

STANDARD 602301-04

Illinois Department of Transportation
PASSED ENGINEER'S ____ DATE ____
CHECKED BY BUREAU OF POLICY AND PROCEDURES
APPROVED ____ DATE ____
ENGINEER OF BUREAU OF ENVIRONMENT

JEFFREY S. LINKENFELD
062-048405
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
3-4-16
Exp 11-30-17

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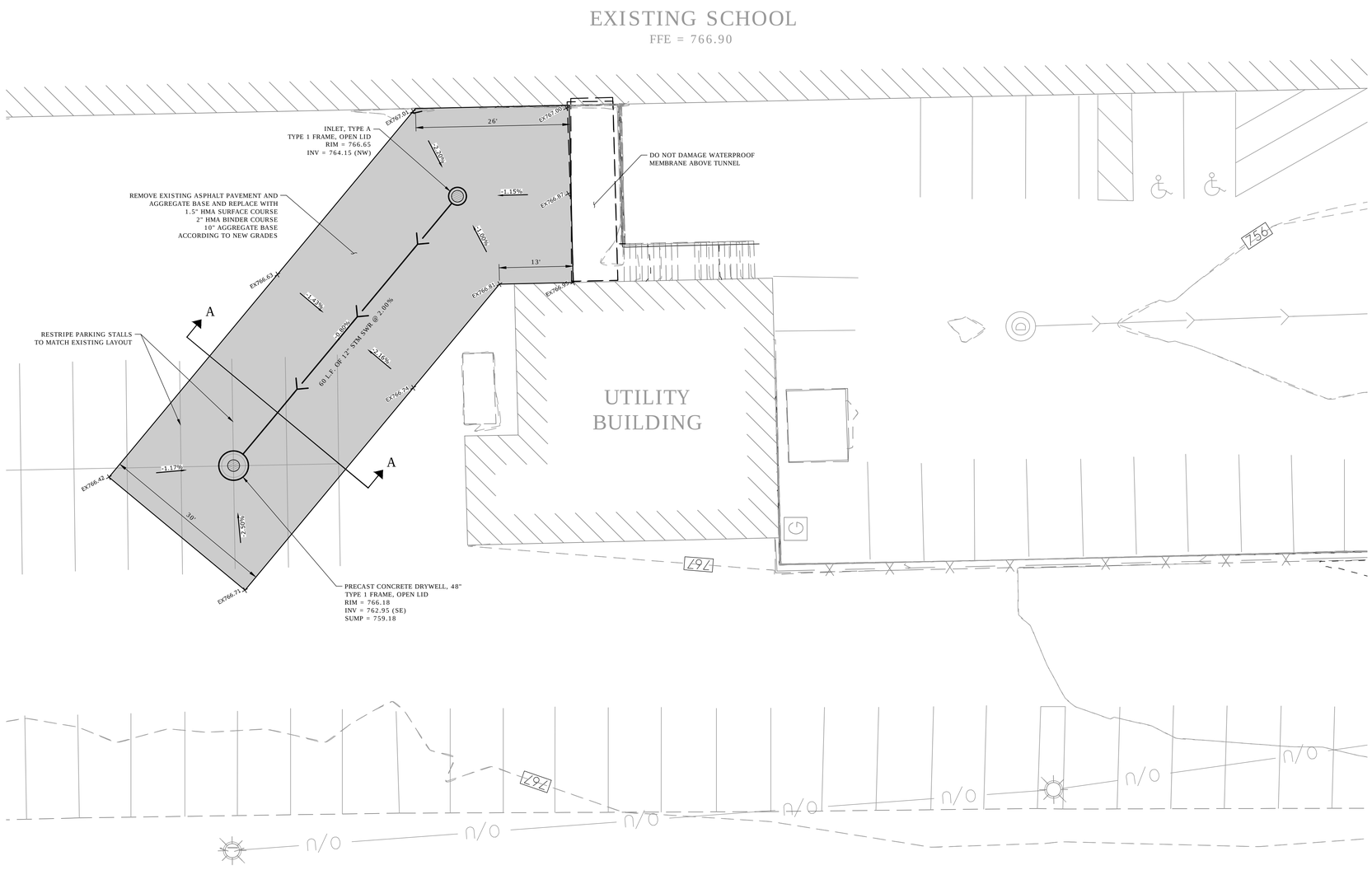
SHEET IDENTIFICATION

ALT. BID #1 - GENERAL NOTES AND DETAILS

PROJECT INFORMATION	Date	Rev. Date	RLJA Proj
	March 4, 2016		2015-049

SHEET NUMBER

C01 OF **C02**



LEGEND

- PROPOSED ASPHALT PAVEMENT
- PROPOSED PAVEMENT
- EXISTING PAVEMENT
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER STRUCTURE
- 800 — PROPOSED CONTOUR LINE
- 800 — EXISTING CONTOUR LINE
- EX000.00 — EXISTING PAVEMENT ELEVATION
- TP000.00 — TOP OF PAVEMENT ELEVATION

N O R T H
0 10 20

BENCHMARKS	
DESCRIPTION	ELEVATION (NAVD 88)
BENCHMARK 1 SPIKE IN NORTH FACE OF UTILITY POLE	766.38

GRADING NOTES

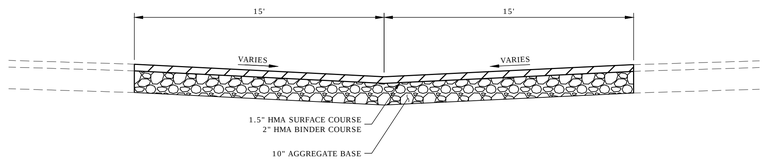
1. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION AND ELEVATION OF EXISTING PIPE INVERTS, FLOOR ELEVATIONS CURB OR PAVEMENT WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL OR VERTICAL CONTROL BY REFERENCING SHOWN COORDINATES OR ELEVATIONS TO HORIZONTAL OR VERTICAL CONTROL POINTS PRIOR TO PROCEEDING WITH WORK.
2. ALL STORM SEWER PIPE IS TO BE REINFORCED CONCRETE CULVERT PIPE CLASS IV IF SPECIFICALLY NOTED. WHERE NOT LISTED, ACCEPTABLE MATERIALS CAN BE RCP, PVC SDR 35, HDPE DOUBLE WALL (ADS N-12), OR PVC SCHEDULE 40 MAY BE USED AT THE CONTRACTOR'S DISCRETION.
3. PROPERTY CORNERS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY MONUMENTS DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR SHALL SET ALL INLET CASTINGS TO FINISHED GRADE.
5. ALL PROPOSED PAVED AREAS SHALL BE STRIPPED OF ALL TOPSOIL AND UNSUITABLE MATERIAL AND EXCAVATED OR FILLED TO WITHIN 0.10 FEET OF DESIGN SUBGRADE.
6. THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE AT THE CONCLUSION OF EACH WORKING DAY.

LAYOUT NOTES

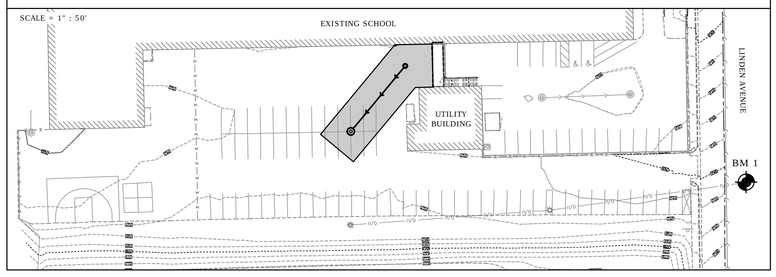
1. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
2. DIMENSIONS THAT LOCATE THE BUILDING ARE MEASURED TO THE OUTSIDE FACE OF THE BUILDING.
3. PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
4. SOME FIELD ADJUSTMENTS MAY BE NECESSARY AT POINTS WHERE PROPOSED PAVEMENT MEETS EXISTING PAVEMENT. REVIEW ANY REQUIRED CHANGES WITH ENGINEER PRIOR TO CONSTRUCTION OF WORK.

CROSS SECTION A-A

NOT TO SCALE



BENCHMARK LOCATION



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SHEET IDENTIFICATION

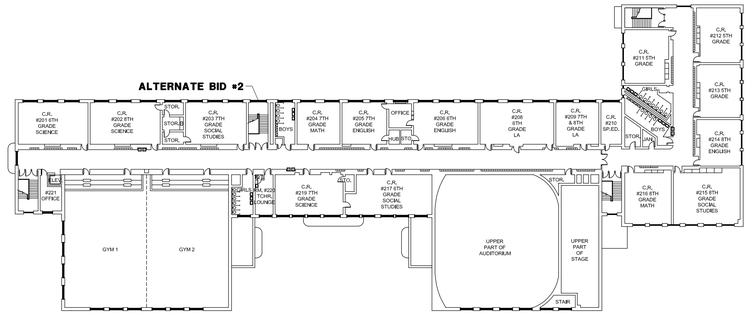
ALT. BID #1 - LAYOUT AND GRADING PLAN

PROJECT INFORMATION

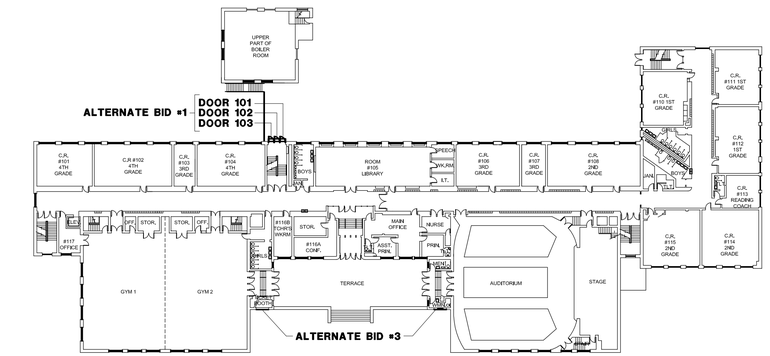
Date	March 4, 2016
Rev. Date	
RLJA Proj	2015-049

SHEET NUMBER

C02 OF **C02**



3 SECOND FLOOR SCHEDULING PLAN
SCALE: 1"=40'-0"



2 FIRST FLOOR SCHEDULING PLAN
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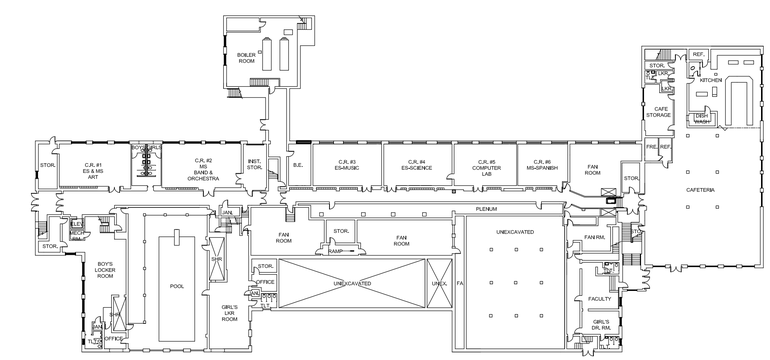

1 GROUND FLOOR SCHEDULING PLAN
SCALE: 1"=40'-0"

CODE
WINDOW AND ROOF WORK SHALL BE CONSTRUCTED FOLLOWING THE 2009 INTERNATIONAL BUILDING CODE.

MOCK-UP WINDOW DATES	
MOCK-UP SHOP DRAWINGS COMPLETE:	MAY 20, 2016
REVIEW OF MOCK-UP SHOP DRAWINGS COMPLETE BY ARCHITECT:	MAY 27, 2016
REMOVAL OF 1 WINDOW AND INSTALLATION OF TEMPORARY ENCLOSURE BY SEPARATE CONTRACTOR:	JUNE 20, 2016
WINDOW CONTRACTOR TO REMOVE TEMPORARY ENCLOSURE AND INSTALL WINDOW:	JUNE 21-22, 2016
MOCK-UP TESTING:	JUNE 23, 2016

CONSTRUCTION SCHEDULE			
DESCRIPTION OF WORK	START	SUBSTANTIALLY COMPLETE	FINAL COMPLETION
BOILER ROOM ASBESTOS ABATEMENT	JULY 18, 2016	NA	JULY 29, 2016
MEP-BOILER ROOM RENOVATION WORK	AUGUST 1, 2016	NOVEMBER 25, 2016	DECEMBER 2, 2016
ASBESTOS ABATEMENT OF INTERIOR MATERIALS	AUGUST 1, 2016	NA	SEPTEMBER 2, 2016
INTERIOR RENOVATION WORK	SEPTEMBER 5, 2016	MAY 26, 2017	JUNE 2, 2017
REROOFING WORK INCLUDING CANOPY WORK	JUNE 13, 2016	AUGUST 26, 2016	SEPTEMBER 2, 2016
WINDOW RELATED ASBESTOS DEMOLITION WORK	AUGUST 29, 2016	NA	NOVEMBER 18, 2016
WINDOW REPLACEMENT WORK	SEPTEMBER 5, 2016	NOVEMBER 25, 2016	DECEMBER 2, 2016
INTERIOR ARCHITECTURAL RENOVATION AND FINISHES	NOVEMBER 28, 2016	MAY 26, 2017	JUNE 2, 2017

NOTES:
1. THE KITCHEN WILL BE OPERATIONAL DURING THE SCHOOL YEAR.
2. WINDOW WORK TO BE COMPLETED BEFORE INTERIOR FINISHES WORK BEGINS.
3. NO RENOVATION WORK CAN BE COMPLETED IN THE MAIN SCHOOL BUILDING FROM AUGUST 1 TO SEPTEMBER 2 WHILE ASBESTOS FLOOR TILES ARE BEING REMOVED.

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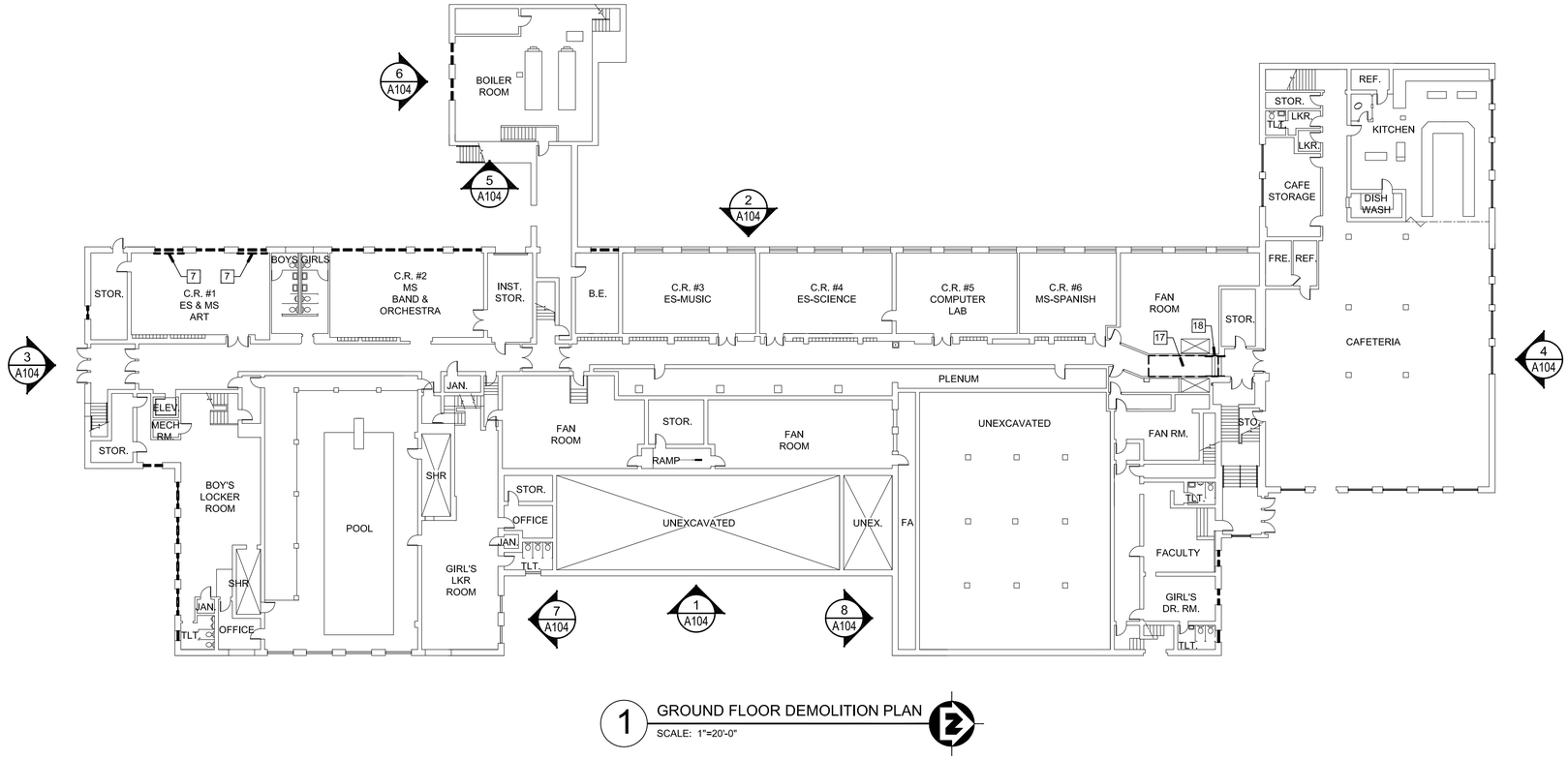
SHEET IDENTIFICATION
SCHEDULING PLANS

PROJECT INFORMATION
Date March 4, 2016
Rev. Date
RLJA Proj 2015-049

SHEET NUMBER
A101
OF
16



1 GROUND FLOOR DEMOLITION PLAN

SCALE: 1"=20'-0"

GENERAL DEMOLITION NOTES

1. THE DEMOLITION PLAN IS PROVIDED AS AID IN PLANNING AND DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY IN FIELD VERIFYING THE EXISTING JOB SITE.
2. PROVIDE ALL TEMPORARY SHORING AS REQUIRED TO SUPPORT STRUCTURES AND FINISHES TO REMAIN.
3. THE CONTRACTOR SHALL VERIFY ANY EXISTING NON-FUNCTIONING EQUIPMENT ASSOCIATED WITH NEW GRILLES / LOUVERS / ETC. WITH OWNER.
4. THE CONTRACTOR SHALL COORDINATE ALL FINAL LOCATIONS OF AIR CONDITIONERS WITH THE OWNER / ARCHITECT.
5. ANY WALLS OR CEILINGS DAMAGED BY THE ASBESTOS REMOVAL CONTRACTOR SHALL BE REPAIRED AND PAINTED BY THE SCHOOL DISTRICT. ANY WALLS OR CEILINGS DAMAGED DURING THE COURSE OF THE WINDOW INSTALLATION PROJECT SHALL BE REPAIRED AND PAINTED BY THE GENERAL CONTRACTOR.
6. SEE DEMOLITION ELEVATIONS FOR ADDITIONAL INFORMATION.
7. EXISTING WINDOW TREATMENTS REMOVED BY ASBESTOS CONTRACTOR. OWNER TO PATCH AND PAINT ANY HOLES IN PLASTER AFTER REMOVAL.
8. THE OWNER SHALL DISCONNECT AND RECONNECT EXISTING EQUIPMENT AS REQUIRED.
9. ASBESTOS CONTRACTOR AND WINDOW CONTRACTOR TO REPORT ANY DETERIORATED LINTELS TO ARCHITECT AND OWNER. OWNER TO REPAIR OR REPLACE AS REQUIRED.

DEMOLITION BOX NOTES

1. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE WINDOWS AND CAULKING AND INSTALL PLYWOOD AND FRAMING TO FILL IN THE OPENINGS. WINDOW CONTRACTOR TO REMOVE PLYWOOD AND FRAMING AND TURN OVER TO THE ASBESTOS CONTRACTOR.
2. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING AIR CONDITIONER AND SUPPORTS AND TURN OVER TO THE WINDOW CONTRACTOR FOR REINSTALLATION.
3. OWNER SHALL REWORK EXISTING CABLE AS REQUIRED.
4. OWNER SHALL REWORK EXISTING CONDUIT AS REQUIRED.
5. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING ROUND EXHAUST VENT. MECHANICAL CONTRACTOR TO DISCONNECT DUCTWORK FROM LOUVER.
6. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING LOUVER. MECHANICAL CONTRACTOR TO DISCONNECT DUCTWORK FROM LOUVER.
7. CONTRACTOR SHALL REMOVE EXISTING TACKBOARDS COVERING WINDOW OPENING AND TURN OVER TO THE OWNER.
8. WINDOW CONTRACTOR SHALL REMOVE EXISTING WOOD TRIM AT JAMBS AS REQUIRED.
9. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING EXHAUST FAN AND LOUVER.
10. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING INTERIOR METAL WINDOW SECURITY GUARD COMPLETE INCLUDING ANCHORS. OWNER TO PATCH HOLES IN MASONRY WHERE ANCHORS ARE REMOVED.
11. UNDER ALTERNATE BID #7: CONTRACTOR SHALL REMOVE EXISTING ALUMINUM PANEL SOFFIT SYSTEM AND LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS.
12. UNDER ALTERNATE BID #1: ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE DOORS, FRAMING, GLAZING AND CAULKING AND INSTALL PLYWOOD AND FRAMING TO FILL IN THE OPENING. REMOVE AND TURN OVER TO THE ELECTRICAL CONTRACTOR THE EXISTING FRAME MOUNTED CARD FOB DEVICE. WINDOW CONTRACTOR TO REMOVE PLYWOOD AND FRAMING AND TURN OVER TO THE ASBESTOS CONTRACTOR.
13. UNDER ALTERNATE BID #2: ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE GLASS BLOCK AND CAULKING AND INSTALL PLYWOOD AND FRAMING TO FILL IN THE OPENING. WINDOW CONTRACTOR TO REMOVE PLYWOOD AND FRAMING AND TURN OVER TO THE ASBESTOS CONTRACTOR.
14. UNDER ALTERNATE BID #3: ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE EXISTING DECORATIVE GRILLE AND CAULKING AND TURN GRILLE OVER TO THE WINDOW CONTRACTOR.
15. UNDER ALTERNATE BID #7: EXISTING ALUMINUM ENTRANCE CANOPY TO REMAIN. CONTRACTOR TO CLEAN. SEE SHEET A114 FOR OTHER CANOPY WORK.
16. UNDER ALTERNATE BID #7: REPAIR AND RE-FASTEN EXISTING METAL FASCIA AT CANOPY. CLEAN METAL FASCIA. SEE SHEET A114 FOR OTHER CANOPY WORK.
17. CONTRACTOR SHALL REMOVE EXISTING RAMP CONSTRUCTION. CONTRACTOR TO NOT DAMAGE OR REMOVE UNDERLYING FLOOR FINISHES DURING DEMOLITION.
18. CONTRACTOR SHALL REMOVE EXISTING HANDRAIL. PATCH HOLES IN WALL WITH MORTAR.

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SHEET IDENTIFICATION

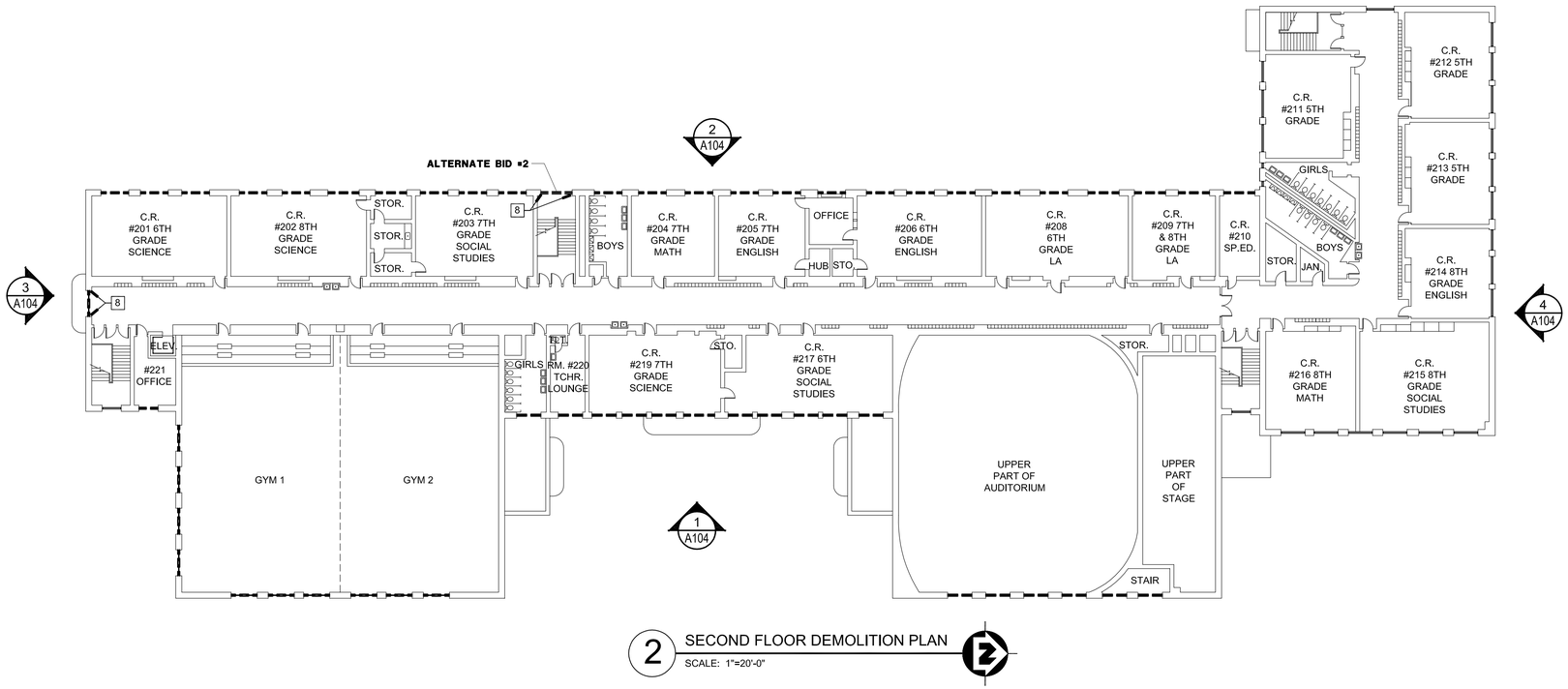
WINDOW REPLACEMENT WORK
GROUND FLOOR
DEMOLITION PLAN

PROJECT INFORMATION

Date	March 4, 2016
Rev. Date	
RLJA Proj	2015-049

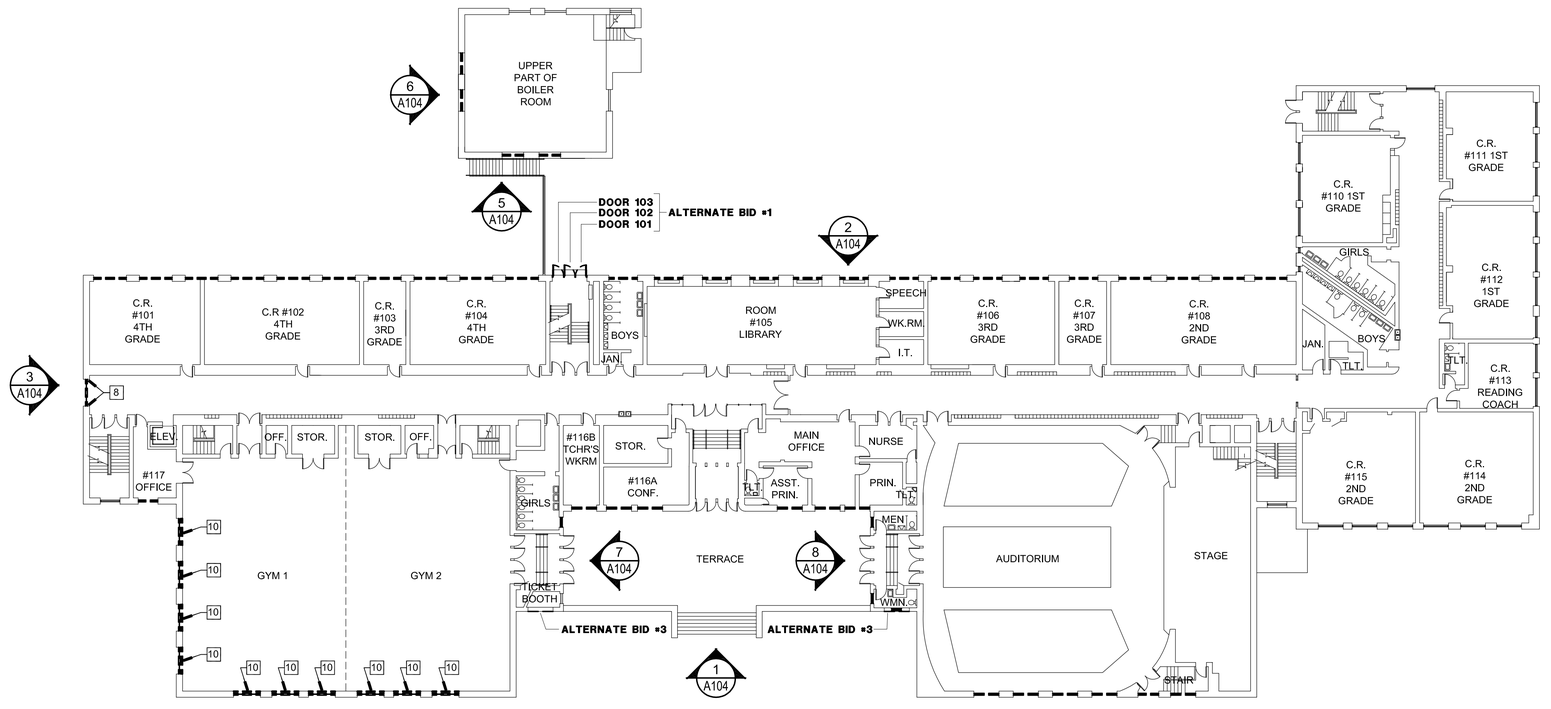
SHEET NUMBER

A102
OF
16



2 SECOND FLOOR DEMOLITION PLAN

SCALE: 1"=20'-0"



1 FIRST FLOOR DEMOLITION PLAN

SCALE: 1"=20'-0"

GENERAL DEMOLITION NOTES

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6. SEE DEMOLITION ELEVATIONS FOR ADDITIONAL INFORMATION.
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SHEET IDENTIFICATION

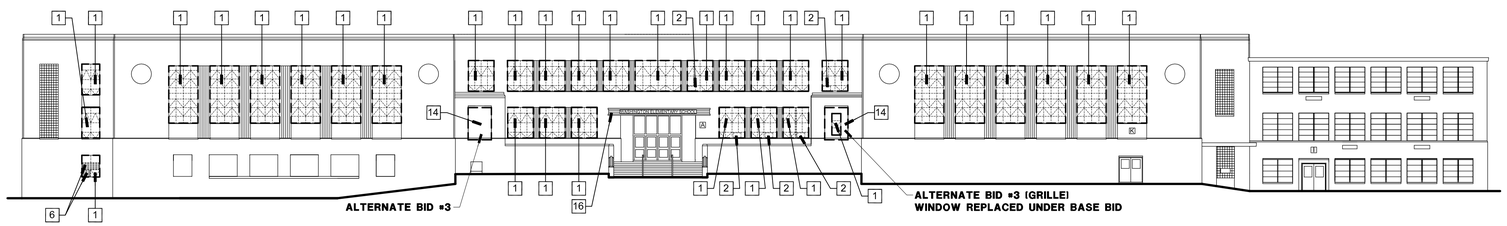
WINDOW REPLACEMENT WORK
FIRST AND SECOND FLOOR
DEMOLITION PLANS

PROJECT INFORMATION

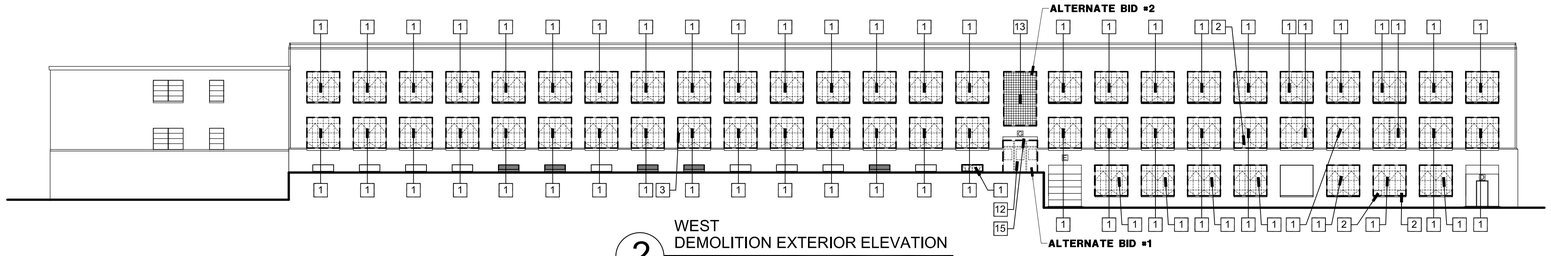
Date	March 4, 2016
Rev. Date	
RLJA Proj	2015-049

SHEET NUMBER

A103
OF
16



1 EAST
DEMOLITION EXTERIOR ELEVATION
SCALE: 1"=20'-0"



2 WEST
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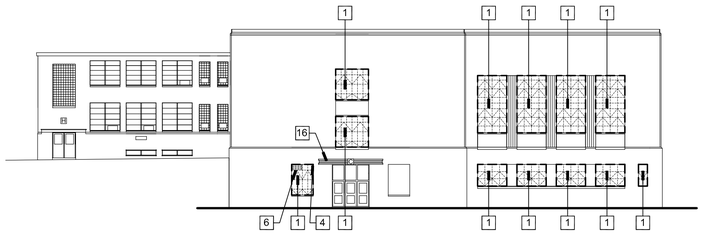

3 SOUTH
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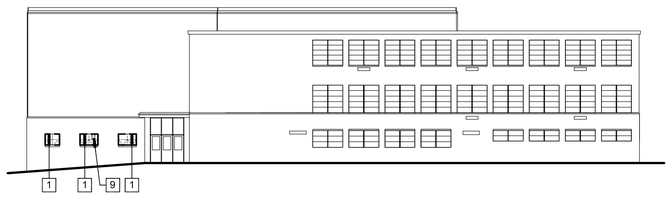

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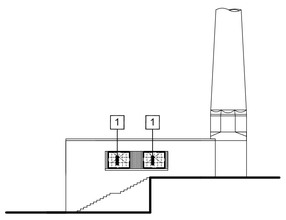

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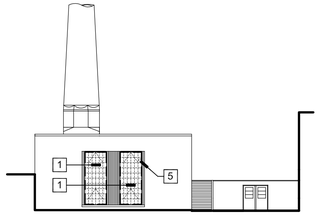

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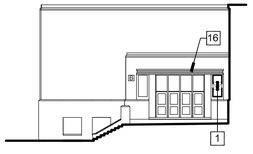
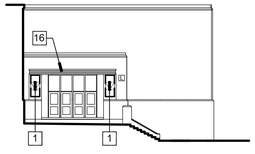
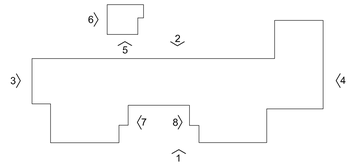


7 NORTH
DEMOLITION EXTERIOR ELEVATION
SCALE: 1"=20'-0"



8 SOUTH
DEMOLITION EXTERIOR ELEVATION
SCALE: 1"=20'-0"



KEY PLAN
SCALE: NONE

GENERAL DEMOLITION NOTES

1. THE DEMOLITION PLAN IS PROVIDED AS AID IN PLANNING AND DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY IN FIELD VERIFYING THE EXISTING JOB SITE.
2. PROVIDE ALL TEMPORARY SHORING AS REQUIRED TO SUPPORT STRUCTURES AND FINISHES TO REMAIN.
3. THE CONTRACTOR SHALL VERIFY ANY EXISTING NON-FUNCTIONING EQUIPMENT ASSOCIATED WITH NEW GRILLES / LOUVERS / ETC. WITH OWNER.
4. THE CONTRACTOR SHALL COORDINATE ALL FINAL LOCATIONS OF AIR CONDITIONERS WITH THE OWNER / ARCHITECT.
5. ANY WALLS OR CEILINGS DAMAGED BY THE ASBESTOS REMOVAL CONTRACTOR SHALL BE REPAIRED AND PAINTED BY THE SCHOOL DISTRICT. ANY WALLS OR CEILINGS DAMAGED DURING THE COURSE OF THE WINDOW INSTALLATION PROJECT SHALL BE REPAIRED AND PAINTED BY THE GENERAL CONTRACTOR.
6. SEE DEMOLITION ELEVATIONS FOR ADDITIONAL INFORMATION.
7. EXISTING WINDOW TREATMENTS REMOVED BY ASBESTOS CONTRACTOR. OWNER TO PATCH AND PAINT ANY HOLES IN PLASTER AFTER REMOVAL.
8. THE OWNER SHALL DISCONNECT AND RECONNECT EXISTING EQUIPMENT AS REQUIRED.
9. ASBESTOS CONTRACTOR AND WINDOW CONTRACTOR TO REPORT ANY DETERIORATED LINTELS TO ARCHITECT AND OWNER. OWNER TO REPAIR OR REPLACE AS REQUIRED.

DEMOLITION BOX NOTES

1. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE WINDOWS AND CAULKING AND INSTALL PLYWOOD AND FRAMING TO FILL IN THE OPENINGS. WINDOW CONTRACTOR TO REMOVE PLYWOOD AND FRAMING AND TURN OVER TO THE ASBESTOS CONTRACTOR.
2. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING AIR CONDITIONER AND SUPPORTS AND TURN OVER TO THE WINDOW CONTRACTOR FOR REINSTALLATION.
3. OWNER SHALL REWORK EXISTING CABLE AS REQUIRED.
4. OWNER SHALL REWORK EXISTING CONDUIT AS REQUIRED.
5. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING ROUND EXHAUST VENT. MECHANICAL CONTRACTOR TO DISCONNECT DUCTWORK FROM LOUVER.
6. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING LOUVER. MECHANICAL CONTRACTOR TO DISCONNECT DUCTWORK FROM LOUVER.
7. CONTRACTOR SHALL REMOVE EXISTING TACKBOARDS COVERING WINDOW OPENING AND TURN OVER TO THE OWNER.
8. WINDOW CONTRACTOR SHALL REMOVE EXISTING WOOD TRIM AT JAMBS AS REQUIRED.
9. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING EXHAUST FAN AND LOUVER.
10. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING INTERIOR METAL WINDOW SECURITY GUARD COMPLETE INCLUDING ANCHORS. OWNER TO PATCH HOLES IN MASONRY WHERE ANCHORS ARE REMOVED.
11. UNDER ALTERNATE BID #7: CONTRACTOR SHALL REMOVE EXISTING ALUMINUM PANEL SOFFIT SYSTEM AND LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS.
12. UNDER ALTERNATE BID #1: ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE DOORS, FRAMING, GLAZING AND CAULKING AND INSTALL PLYWOOD AND FRAMING TO FILL IN THE OPENING. REMOVE AND TURN OVER TO THE ELECTRICAL CONTRACTOR THE EXISTING FRAME MOUNTED CARD FOB DEVICE. WINDOW CONTRACTOR TO REMOVE PLYWOOD AND FRAMING AND TURN OVER TO THE ASBESTOS CONTRACTOR.
13. UNDER ALTERNATE BID #2: ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE GLASS BLOCK AND CAULKING AND INSTALL PLYWOOD AND FRAMING TO FILL IN THE OPENING. WINDOW CONTRACTOR TO REMOVE PLYWOOD AND FRAMING AND TURN OVER TO THE ASBESTOS CONTRACTOR.
14. UNDER ALTERNATE BID #3: ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE EXISTING DECORATIVE GRILLE AND CAULKING AND TURN GRILLE OVER TO THE WINDOW CONTRACTOR.
15. UNDER ALTERNATE BID #7: EXISTING ALUMINUM ENTRANCE CANOPY TO REMAIN. CONTRACTOR TO CLEAN. SEE SHEET A114 FOR OTHER CANOPY WORK.
16. UNDER ALTERNATE BID #7: REPAIR AND RE-FASTEN EXISTING METAL FASCIA AT CANOPY. CLEAN METAL FASCIA. SEE SHEET A114 FOR OTHER CANOPY WORK.
17. CONTRACTOR SHALL REMOVE EXISTING RAMP CONSTRUCTION. CONTRACTOR TO NOT DAMAGE OR REMOVE UNDERLYING FLOOR FINISHES DURING DEMOLITION.
18. CONTRACTOR SHALL REMOVE EXISTING HANDRAIL. PATCH HOLES IN WALL WITH MORTAR.

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SHEET IDENTIFICATION
WINDOW REPLACEMENT WORK
DEMOLITION
EXTERIOR ELEVATIONS

PROJECT INFORMATION
Date March 4, 2016
Rev. Date
RLJA Proj 2015-049

SHEET NUMBER
A104
OF
16

1 GROUND FLOOR REVISED PLAN

SCALE: 1"=20'-0"

WINDOW SHADE GENERAL NOTES

1. PROVIDE LIGHT FILTERING ROLLER SHADES, OUTSIDE MOUNT ON PLASTER OR STEEL HEAD OF WINDOW ADJACENT TO WINDOW FRAME. SEE SPECIFICATIONS.
2. PROVIDE ONE SHADE PER SECTION ON ELEVATIONS. EACH VERTICAL DIVISION DESIGNATES A NEW SECTION.
3. PROVIDE SHADES ON ALL GL-1 WINDOW SECTIONS UNLESS NOTED OTHERWISE. NO SHADES ON LOBBY/CORRIDOR/VESTIBULE/STAIR WINDOWS.
4. PROVIDE SHADES ON ALL GL-2 WINDOW SECTIONS UNLESS NOTED OTHERWISE. NO SHADES FOR LOCKER ROOMS, TOILET ROOMS AND BOILER ROOM WINDOWS.
5. NO SHADES ON GL-3 PANELS.
6. FIELD VERIFY ALL WINDOW MEASUREMENTS PRIOR TO ORDERING SHADES.
7. ROLLER SHADES IN AUDITORIUM TO BE ROOM DARKENING/BLACKOUT SHADES. SEE SPECIFICATIONS.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING WINDOW DIMENSIONS PRIOR TO BIDDING. THE DIMENSIONS ON THE DRAWING ARE +/-.
2. PROVIDE BACKER ROD AND SEALANT AROUND PERIMETER OF NEW WINDOW AND ENTRANCE FRAMES - EACH SIDE OF FRAMES.
3. CONTRACTOR IS RESPONSIBLE FOR ADDING STRUCTURAL REINFORCEMENT AS REQUIRED TO MEET STRUCTURAL LOADING FOR ALL WINDOW TYPES.
4. WINDOWS SHALL OPEN AS FAR AS POSSIBLE. AT END OF PROJECT THE OWNER/ARCHITECT SHALL DETERMINE WHICH OPERABLE WINDOWS WILL REQUIRE A 4" MAXIMUM OPENING.
5. PROVIDE A PROPER CAULK JOINT BETWEEN A/C UNITS AND METAL PANELS.
6. PROVIDE TREATED WOOD SHIMS AND BLOCKING AS REQUIRED FOR WINDOW INSTALLATIONS. APPLY A COATING TO THE WOOD BLOCKING SO AS TO NOT CHEMICALLY REACT WITH THE ALUMINUM.
7. CONTRACTOR TO RESTORE ANY DISTURBED GRASS AREAS WITH SEED BACK TO ORIGINAL CONDITIONS AFTER WORK IS COMPLETE.
8. TOILET WINDOWS, LOCKER ROOM WINDOWS AND POOL WINDOWS TO BE NON-OPERABLE.
9. CONTRACTOR TO VERIFY EXACT LOCATIONS AND SIZES OF AIR CONDITIONER UNITS IN NEW WINDOW SYSTEM WITH OWNER.
10. LINTELS AT WINDOWS AND ENTRANCES TO BE PAINTED THE SAME COLOR AS WINDOWS.
11. CONTRACTOR TO PROVIDE INTERIOR METAL TRIM AT FLOORS, WALLS AND CEILINGS AS REQUIRED TO COVER ANY EXPOSED CONSTRUCTION WHETHER SHOWN ON DETAILS OR NOT.
12. INSULATED METAL PANEL COLOR TO MATCH FRAMING COLOR.
13. CAULK COLOR TO MATCH FRAMING COLOR.

RENOVATION KEY NOTES

1. WINDOW CONTRACTOR TO INSTALL NEW ALUMINUM WINDOW SYSTEM AND GLAZING COMPLETE.
2. WINDOW CONTRACTOR TO INSTALL EXISTING AIR CONDITIONER IN NEW INSULATED METAL PANEL (GL-3). REINSTALL EXISTING A/C SUPPORTS. INSTALL SEALANT BETWEEN THE PANEL AND THE A/C UNIT TO MATCH PANEL COLOR.
3. INSTALL NEW INTERIOR WINDOW SECURITY GUARD IN OPENING. SEE DETAILS ON SHEET A110.
4. WINDOW CONTRACTOR TO INSTALL NEW LOUVER IN NEW ALUMINUM WINDOW SYSTEM. MECHANICAL CONTRACTOR TO MAKE CONNECTION TO INTERIOR DUCTWORK.
5. WINDOW CONTRACTOR TO INSTALL NEW LOUVER IN NEW INSULATED METAL PANEL (GL-3). CUSTOM PREFINISHED PAINT COLOR TO MATCH COLOR OF PANEL. MECHANICAL CONTRACTOR TO MAKE CONNECTION TO INTERIOR DUCTWORK.
6. THIS WINDOW TO BE A MOCK-UP WINDOW. SEE SPECIFICATIONS.
7. UNDER ALTERNATE BID #3: PREP AND SAND EXISTING DECORATIVE GRILLE. DECORATIVE GRILLE TO BE PRE-FINISHED IN EPOXY PAINT. REINSTALL GRILLE IN OPENING.
8. INSTALL BRICK AND CMU IN OPENING SO THERRE IS NO CAVITY BETWEEN BRICK AND CMU. VERIFY DEPTH OF CMU IN FIELD. BRICK TO MATCH EXISTING AND FACE BE FLUSH WITH STONE REVEAL SETBACK FACE. CMU TO BE PAINTED TO MATCH EXISTING.
9. UNDER ALTERNATE BID #7: INSTALL NEW METAL PANEL SOFFIT SYSTEM WITH REVEALS, TRIM AND LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS.
10. UNDER ALTERNATE BID #1: WINDOW CONTRACTOR TO INSTALL NEW ALUMINUM ENTRANCE SYSTEM AND GLAZING COMPLETE. ELECTRICAL CONTRACTOR TO REINSTALL SALVAGED CARD FOB DEVICE AND RECONNECT POWER AS REQUIRED.
11. UNDER ALTERNATE BID #2: INSTALL NEW ALUMINUM WINDOW SYSTEM AND GLAZING COMPLETE.
12. WELD NEW 1/8" STEEL PLATE OVER THE FACE OF THE EXISTING DETERIORATED BOTTOM THREE STEEL STAIR RISERS. PREP EXISTING RISER AS REQUIRED PRIOR TO INSTALLATION OF NEW PLATE.
13. INSTALL NEW ALUMINUM PANEL SYSTEM.
14. PANEL JOINT - TYPICAL.
15. INSTALL NEW ADA LIFT. SEE SPECIFICATIONS.

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SHEET IDENTIFICATION

WINDOW REPLACEMENT WORK
GROUND FLOOR
REVISED PLAN

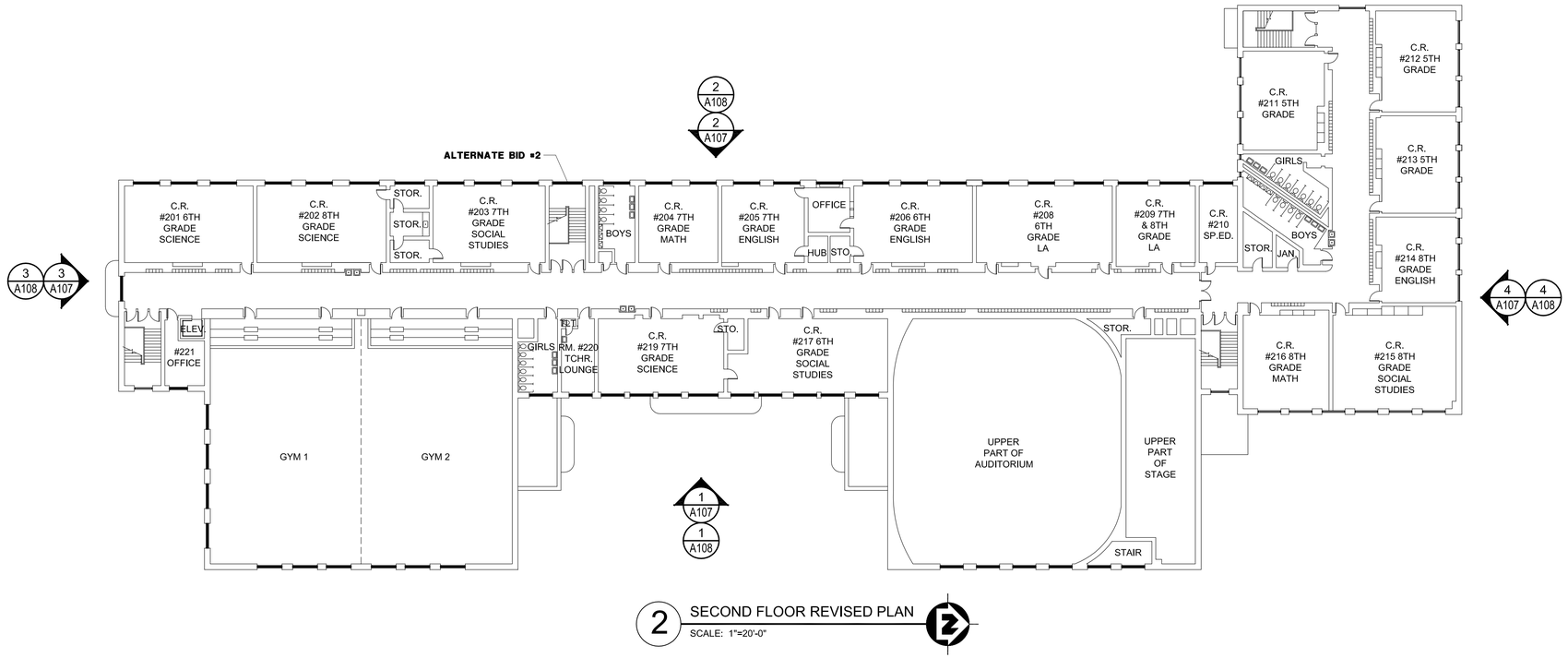
PROJECT INFORMATION

Date	Rev. Date
March 4, 2016	

RLJA Proj 2015-049

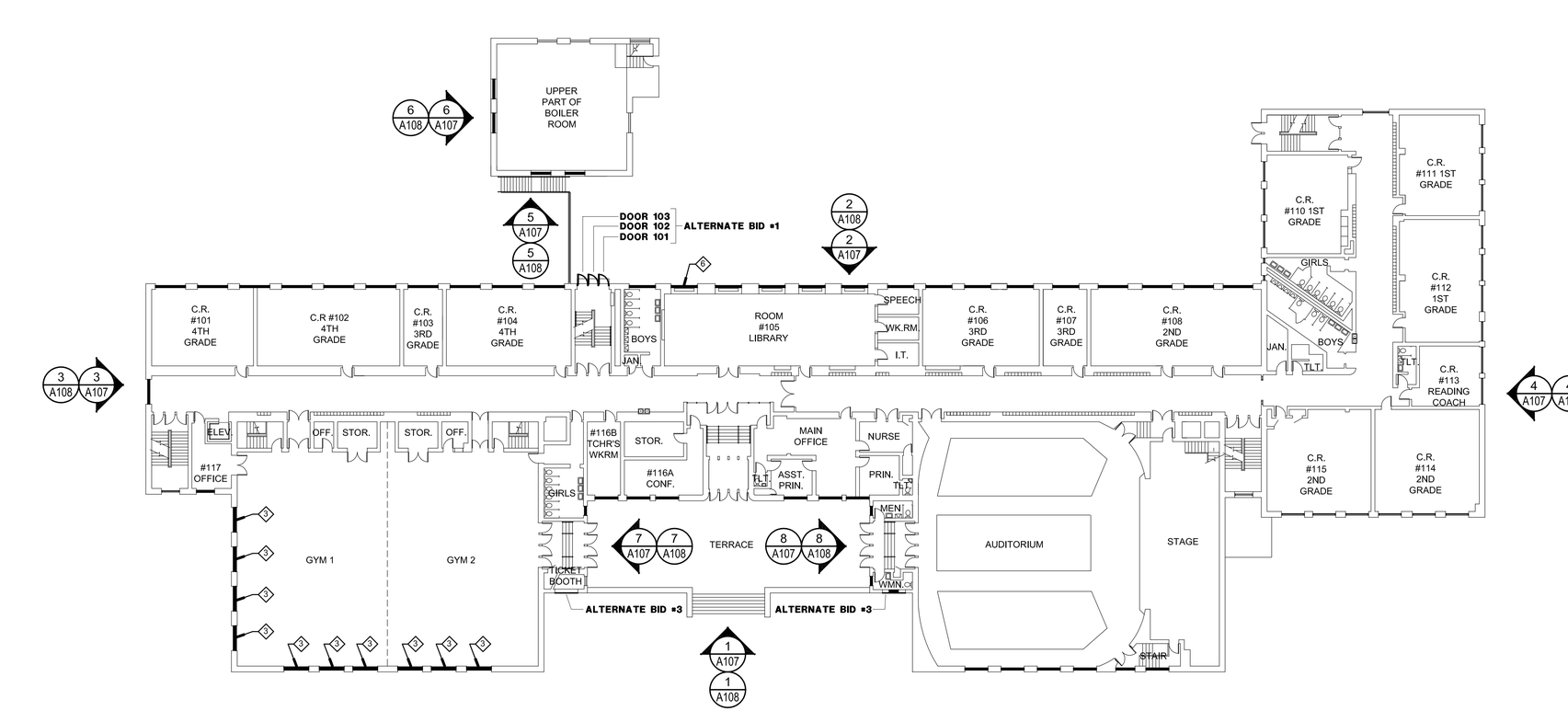
SHEET NUMBER

A105
OF
16



2 SECOND FLOOR REVISED PLAN

SCALE: 1"=20'-0"



1 FIRST FLOOR REVISED PLAN

SCALE: 1"=20'-0"

WINDOW SHADE GENERAL NOTES

1. PROVIDE LIGHT FILTERING ROLLER SHADES, OUTSIDE MOUNT ON PLASTER OR STEEL HEAD OF WINDOW ADJACENT TO WINDOW FRAME. SEE SPECIFICATIONS.
2. PROVIDE ONE SHADE PER SECTION ON ELEVATIONS. EACH VERTICAL DIVISION DESIGNATES A NEW SECTION.
3. PROVIDE SHADES ON ALL GL-1 WINDOW SECTIONS UNLESS NOTED OTHERWISE. NO SHADES ON LOBBY/CORRIDOR/VESTIBULE/STAIR WINDOWS.
4. PROVIDE SHADES ON ALL GL-2 WINDOW SECTIONS UNLESS NOTED OTHERWISE. NO SHADES FOR LOCKER ROOMS, TOILET ROOMS AND BOILER ROOM WINDOWS.
5. NO SHADES ON GL-3 PANELS.
6. FIELD VERIFY ALL WINDOW MEASUREMENTS PRIOR TO ORDERING SHADES.
7. ROLLER SHADES IN AUDITORIUM TO BE ROOM DARKENING/BLACKOUT SHADES. SEE SPECIFICATIONS.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING WINDOW DIMENSIONS PRIOR TO BIDDING. THE DIMENSIONS ON THE DRAWING ARE +/-.
2. PROVIDE BACKER ROD AND SEALANT AROUND PERIMETER OF NEW WINDOW AND ENTRANCE FRAMES - EACH SIDE OF FRAMES.
3. CONTRACTOR IS RESPONSIBLE FOR ADDING STRUCTURAL REINFORCEMENT AS REQUIRED TO MEET STRUCTURAL LOADING FOR ALL WINDOW TYPES.
4. WINDOWS SHALL OPEN AS FAR AS POSSIBLE. AT END OF PROJECT THE OWNER/ARCHITECT SHALL DETERMINE WHICH OPERABLE WINDOWS WILL REQUIRE A 4" MAXIMUM OPENING.
5. PROVIDE A PROPER CAULK JOINT BETWEEN A/C UNITS AND METAL PANELS.
6. PROVIDE TREATED WOOD SHIMS AND BLOCKING AS REQUIRED FOR WINDOW INSTALLATIONS. APPLY A COATING TO THE WOOD BLOCKING SO AS TO NOT CHEMICALLY REACT WITH THE ALUMINUM.
7. CONTRACTOR TO RESTORE ANY DISTURBED GRASS AREAS WITH SEED BACK TO ORIGINAL CONDITIONS AFTER WORK IS COMPLETE.
8. TOILET WINDOWS, LOCKER ROOM WINDOWS AND POOL WINDOWS TO BE NON-OPERABLE.
9. CONTRACTOR TO VERIFY EXACT LOCATIONS AND SIZES OF AIR CONDITIONER UNITS IN NEW WINDOW SYSTEM WITH OWNER.
10. LINTELS AT WINDOWS AND ENTRANCES TO BE PAINTED THE SAME COLOR AS WINDOWS.
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12. INSULATED METAL PANEL COLOR TO MATCH FRAMING COLOR.
13. CAULK COLOR TO MATCH FRAMING COLOR.

RENOVATION KEY NOTES

1. WINDOW CONTRACTOR TO INSTALL NEW ALUMINUM WINDOW SYSTEM AND GLAZING COMPLETE.
2. WINDOW CONTRACTOR TO INSTALL EXISTING AIR CONDITIONER IN NEW INSULATED METAL PANEL (GL-3), REINSTALL EXISTING A/C SUPPORTS. INSTALL SEALANT BETWEEN THE PANEL AND THE A/C UNIT TO MATCH PANEL COLOR.
3. INSTALL NEW INTERIOR WINDOW SECURITY GUARD IN OPENING. SEE DETAILS ON SHEET A110.
4. WINDOW CONTRACTOR TO INSTALL NEW LOUVER IN NEW ALUMINUM WINDOW SYSTEM. MECHANICAL CONTRACTOR TO MAKE CONNECTION TO INTERIOR DUCTWORK.
5. WINDOW CONTRACTOR TO INSTALL NEW LOUVER IN NEW INSULATED METAL PANEL (GL-3). CUSTOM PREFINISHED PAINT COLOR TO MATCH COLOR OF PANEL. MECHANICAL CONTRACTOR TO MAKE CONNECTION TO INTERIOR DUCTWORK.
6. THIS WINDOW TO BE A MOCK-UP WINDOW. SEE SPECIFICATIONS.
7. UNDER ALTERNATE BID #3: PREP AND SAND EXISTING DECORATIVE GRILLE. DECORATIVE GRILLE TO BE PRE-FINISHED IN EPOXY PAINT. REINSTALL GRILLE IN OPENING.
8. INSTALL BRICK AND CMU IN OPENING SO THERRE IS NO CAVITY BETWEEN BRICK AND CMU. VERIFY DEPTH OF CMU IN FIELD. BRICK TO MATCH EXISTING AND FACE BE FLUSH WITH STONE REVEAL SETBACK FACE. CMU TO BE PAINTED TO MATCH EXISTING.
9. UNDER ALTERNATE BID #7: INSTALL NEW METAL PANEL SOFFIT SYSTEM WITH REVEALS, TRIM AND LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS.
10. UNDER ALTERNATE BID #1: WINDOW CONTRACTOR TO INSTALL NEW ALUMINUM ENTRANCE SYSTEM AND GLAZING COMPLETE. ELECTRICAL CONTRACTOR TO REINSTALL SALVAGED CARD FOB DEVICE AND RECONNECT POWER AS REQUIRED.
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13. INSTALL NEW ALUMINUM PANEL SYSTEM.
14. PANEL JOINT - TYPICAL.
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SHEET IDENTIFICATION

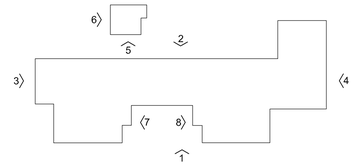
WINDOW REPLACEMENT WORK
FIRST AND SECOND FLOOR
REVISED PLANS

PROJECT INFORMATION

Date	March 4, 2016
Rev. Date	
RLJA Proj	2015-049

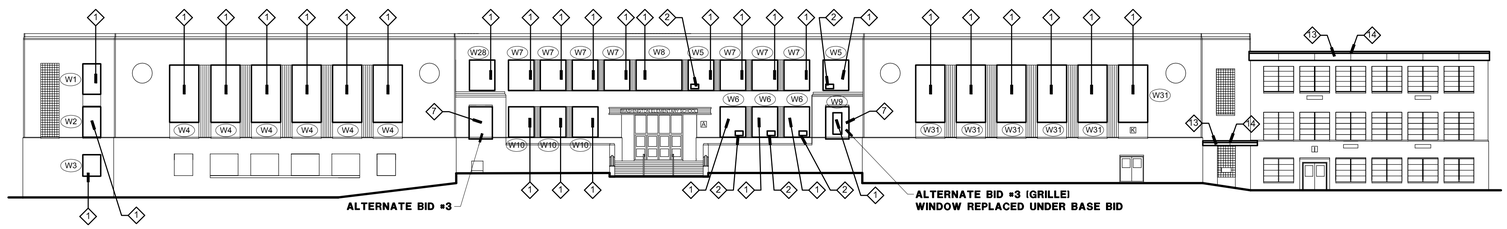
SHEET NUMBER

A106
OF
16



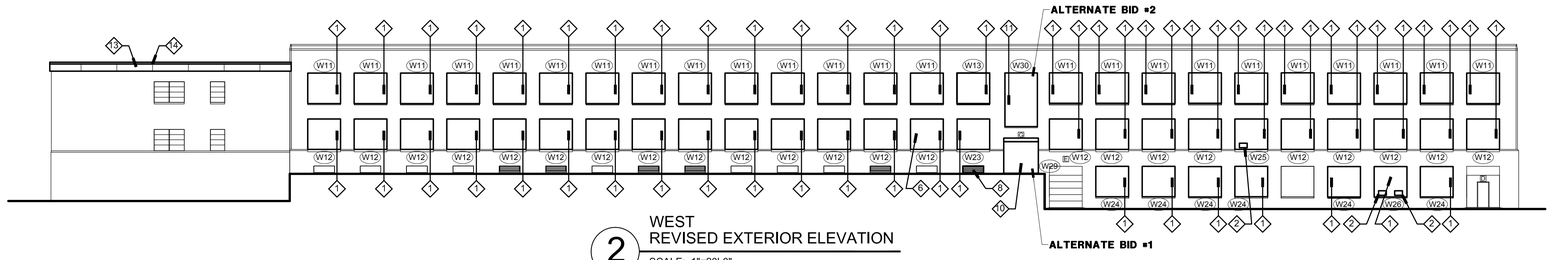
KEY PLAN

SCALE: NONE



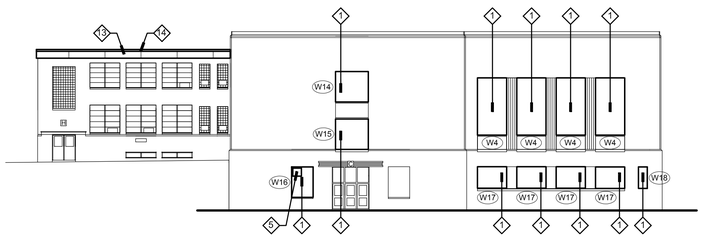
1 EAST
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



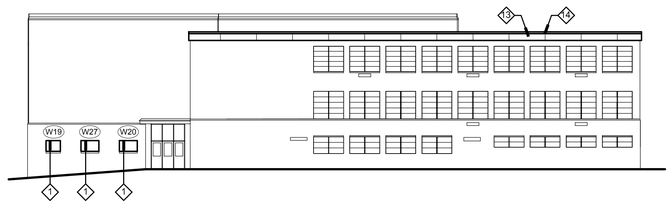
2 WEST
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



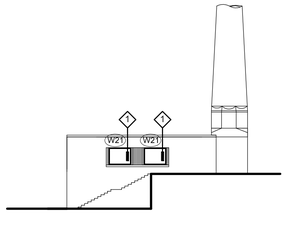
3 SOUTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



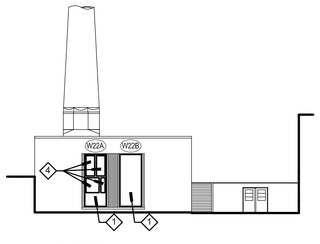
4 NORTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



5 EAST
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"

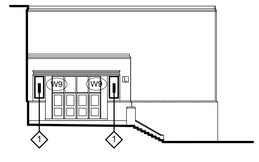


6 SOUTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"

7 NORTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



8 SOUTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"

WINDOW SHADE GENERAL NOTES

1. PROVIDE LIGHT FILTERING ROLLER SHADES, OUTSIDE MOUNT ON PLASTER OR STEEL HEAD OF WINDOW ADJACENT TO WINDOW FRAME. SEE SPECIFICATIONS.
2. PROVIDE ONE SHADE PER SECTION ON ELEVATIONS. EACH VERTICAL DIVISION DESIGNATES A NEW SECTION.
3. PROVIDE SHADES ON ALL GL-1 WINDOW SECTIONS UNLESS NOTED OTHERWISE. NO SHADES ON LOBBY/CORRIDOR/VESTIBULE/STAIR WINDOWS.
4. PROVIDE SHADES ON ALL GL-2 WINDOW SECTIONS UNLESS NOTED OTHERWISE. NO SHADES FOR LOCKER ROOMS, TOILET ROOMS AND BOILER ROOM WINDOWS.
5. NO SHADES ON GL-3 PANELS.
6. FIELD VERIFY ALL WINDOW MEASUREMENTS PRIOR TO ORDERING SHADES.
7. ROLLER SHADES IN AUDITORIUM TO BE ROOM DARKENING/BLACKOUT SHADES. SEE SPECIFICATIONS.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING WINDOW DIMENSIONS PRIOR TO BIDDING. THE DIMENSIONS ON THE DRAWING ARE +/-.
2. PROVIDE BACKER ROD AND SEALANT AROUND PERIMETER OF NEW WINDOW AND ENTRANCE FRAMES - EACH SIDE OF FRAMES.
3. CONTRACTOR IS RESPONSIBLE FOR ADDING STRUCTURAL REINFORCEMENT AS REQUIRED TO MEET STRUCTURAL LOADING FOR ALL WINDOW TYPES.
4. WINDOWS SHALL OPEN AS FAR AS POSSIBLE. AT END OF PROJECT THE OWNER/ARCHITECT SHALL DETERMINE WHICH OPERABLE WINDOWS WILL REQUIRE A 4" MAXIMUM OPENING.
5. PROVIDE A PROPER CAULK JOINT BETWEEN A/C UNITS AND METAL PANELS.
6. PROVIDE TREATED WOOD SHIMS AND BLOCKING AS REQUIRED FOR WINDOW INSTALLATIONS. APPLY A COATING TO THE WOOD BLOCKING SO AS TO NOT CHEMICALLY REACT WITH THE ALUMINUM.
7. CONTRACTOR TO RESTORE ANY DISTURBED GRASS AREAS WITH SEED BACK TO ORIGINAL CONDITIONS AFTER WORK IS COMPLETE.
8. TOILET WINDOWS, LOCKER ROOM WINDOWS AND POOL WINDOWS TO BE NON-OPERABLE.
9. CONTRACTOR TO VERIFY EXACT LOCATIONS AND SIZES OF AIR CONDITIONER UNITS IN NEW WINDOW SYSTEM WITH OWNER.
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11. CONTRACTOR TO PROVIDE INTERIOR METAL TRIM AT FLOORS, WALLS AND CEILINGS AS REQUIRED TO COVER ANY EXPOSED CONSTRUCTION WHETHER SHOWN ON DETAILS OR NOT.
12. INSULATED METAL PANEL COLOR TO MATCH FRAMING COLOR.
13. CAULK COLOR TO MATCH FRAMING COLOR.

RENOVATION KEY NOTES

1. WINDOW CONTRACTOR TO INSTALL NEW ALUMINUM WINDOW SYSTEM AND GLAZING COMPLETE.
2. WINDOW CONTRACTOR TO INSTALL EXISTING AIR CONDITIONER IN NEW INSULATED METAL PANEL (GL-3). REINSTALL EXISTING A/C SUPPORTS. INSTALL SEALANT BETWEEN THE PANEL AND THE A/C UNIT TO MATCH PANEL COLOR.
3. INSTALL NEW INTERIOR WINDOW SECURITY GUARD IN OPENING. SEE DETAILS ON SHEET A110.
4. WINDOW CONTRACTOR TO INSTALL NEW LOUVER IN NEW ALUMINUM WINDOW SYSTEM. MECHANICAL CONTRACTOR TO MAKE CONNECTION TO INTERIOR DUCTWORK.
5. WINDOW CONTRACTOR TO INSTALL NEW LOUVER IN NEW INSULATED METAL PANEL (GL-3). CUSTOM PREFINISHED PAINT COLOR TO MATCH COLOR OF PANEL. MECHANICAL CONTRACTOR TO MAKE CONNECTION TO INTERIOR DUCTWORK.
6. THIS WINDOW TO BE A MOCK-UP WINDOW. SEE SPECIFICATIONS.
7. UNDER ALTERNATE BID #3: PREP AND SAND EXISTING DECORATIVE GRILLE. DECORATIVE GRILLE TO BE PRE-FINISHED IN EPOXY PAINT. REINSTALL GRILLE IN OPENING.
8. INSTALL BRICK AND CMU IN OPENING SO THERRE IS NO CAVITY BETWEEN BRICK AND CMU. VERIFY DEPTH OF CMU IN FIELD. BRICK TO MATCH EXISTING AND FACE BE FLUSH WITH STONE REVEAL SETBACK FACE. CMU TO BE PAINTED TO MATCH EXISTING.
9. UNDER ALTERNATE BID #7: INSTALL NEW METAL PANEL SOFFIT SYSTEM WITH REVEALS, TRIM AND LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS.
10. UNDER ALTERNATE BID #1: WINDOW CONTRACTOR TO INSTALL NEW ALUMINUM ENTRANCE SYSTEM AND GLAZING COMPLETE. ELECTRICAL CONTRACTOR TO REINSTALL SALVAGED CARD FOB DEVICE AND RECONNECT POWER AS REQUIRED.
11. UNDER ALTERNATE BID #2: INSTALL NEW ALUMINUM WINDOW SYSTEM AND GLAZING COMPLETE.
12. WELD NEW 1/8" STEEL PLATE OVER THE FACE OF THE EXISTING DETERIORATED BOTTOM THREE STEEL STAIR RISERS. PREP EXISTING RISER AS REQUIRED PRIOR TO INSTALLATION OF NEW PLATE.
13. INSTALL NEW ALUMINUM PANEL SYSTEM.
14. PANEL JOINT - TYPICAL.
15. INSTALL NEW ADA LIFT. SEE SPECIFICATIONS.

RENOVATIONS TO WASHINGTON ACADEMY
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815/398-1231 815/398-1280 fax
www.rljarch.com

SHEET IDENTIFICATION

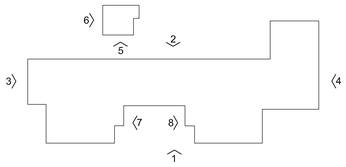
WINDOW REPLACEMENT WORK REVISED EXTERIOR ELEVATIONS

PROJECT INFORMATION

Date	March 4, 2016
Rev. Date	
RLJA Proj	2015-049

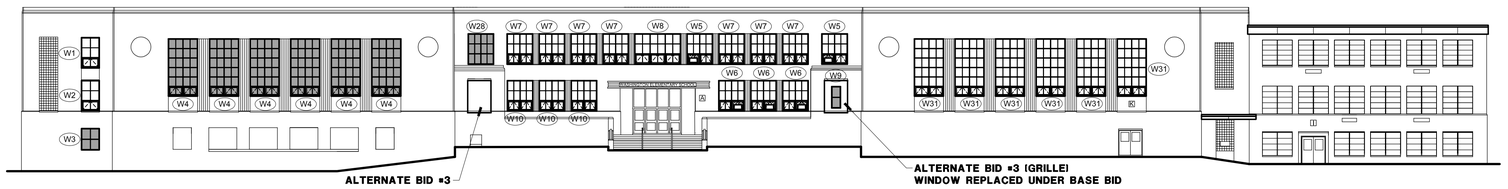
SHEET NUMBER

A107
OF
16



KEY PLAN

SCALE: NONE



1 EAST
REVISED EXTERIOR ELEVATION

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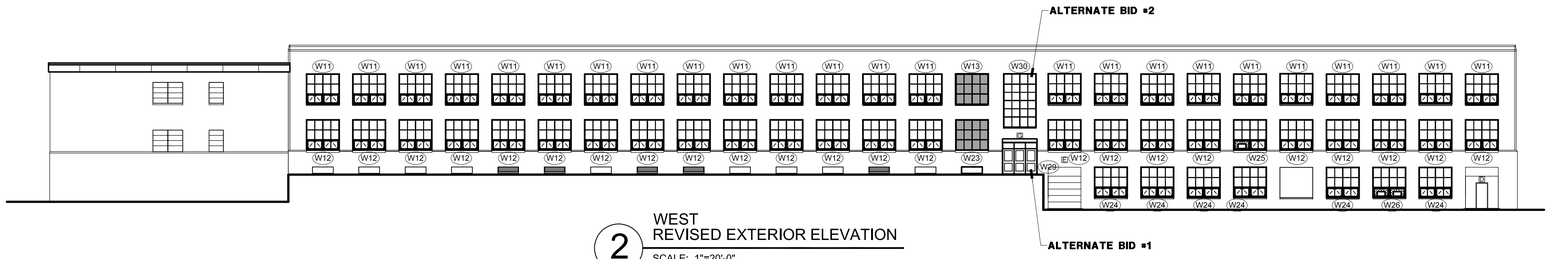

2 WEST
REVISED EXTERIOR ELEVATION

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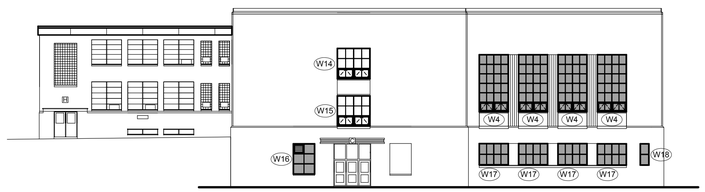
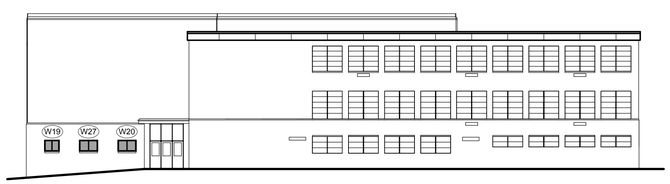


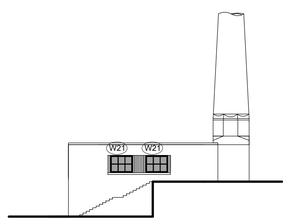
3 SOUTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



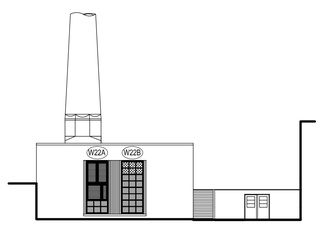
4 NORTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



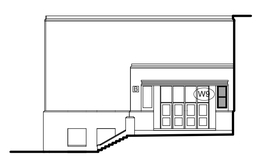
5 EAST
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



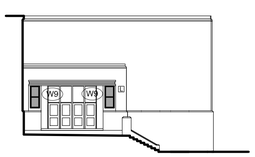
6 SOUTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



7 NORTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"



8 SOUTH
REVISED EXTERIOR ELEVATION

SCALE: 1"=20'-0"

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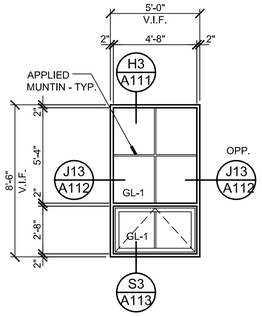
16



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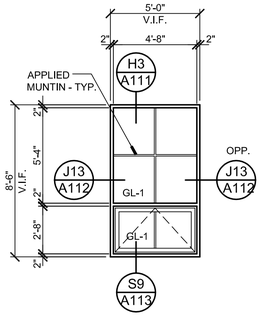

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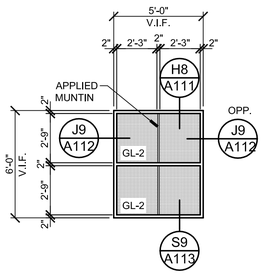

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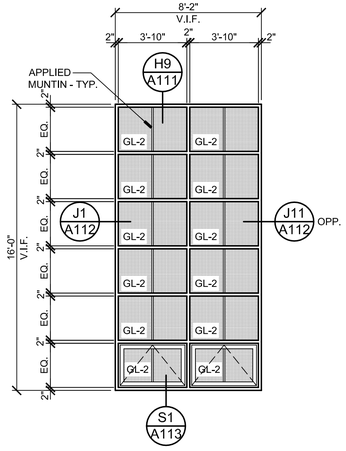

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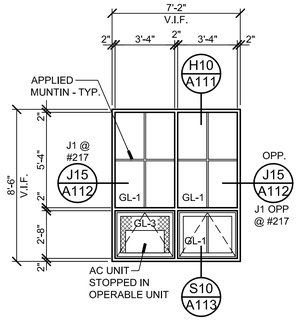

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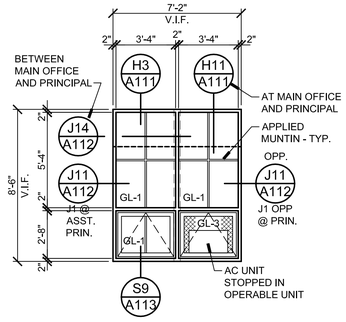

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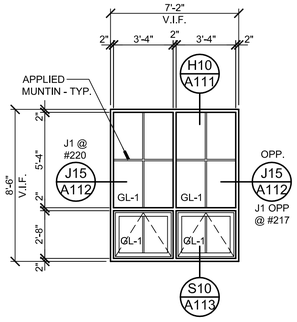

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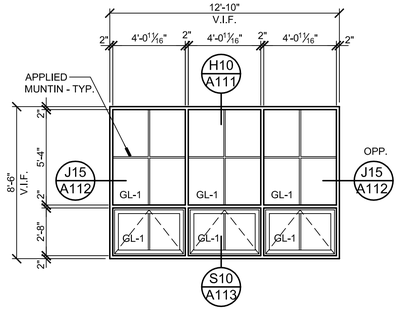

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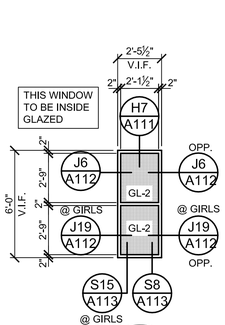

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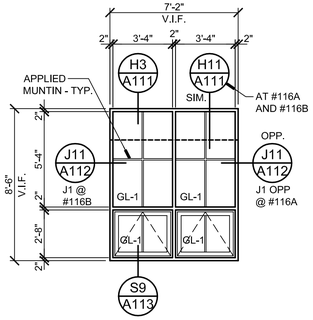

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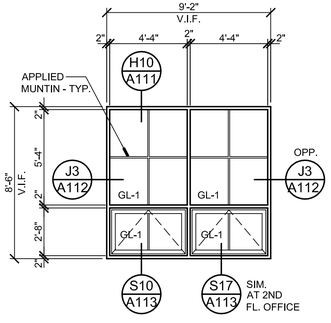

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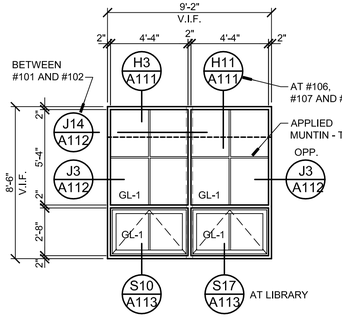

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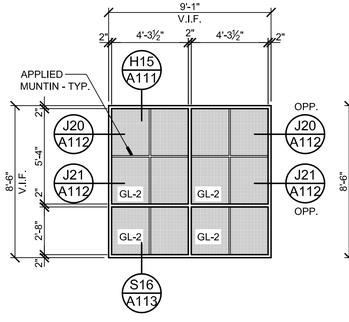

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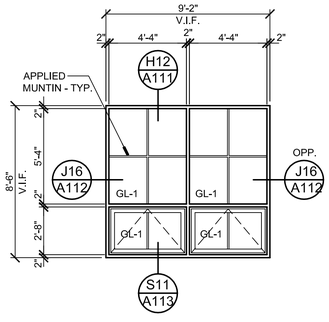

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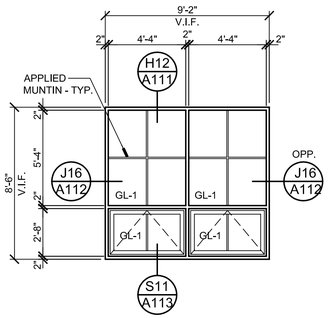

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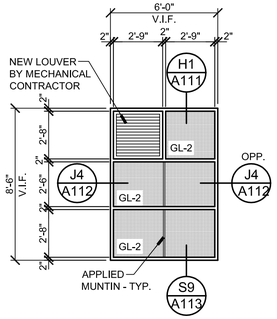

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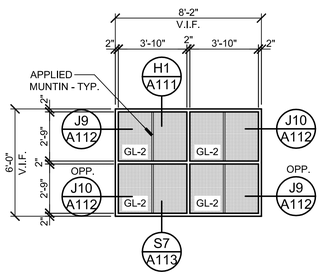

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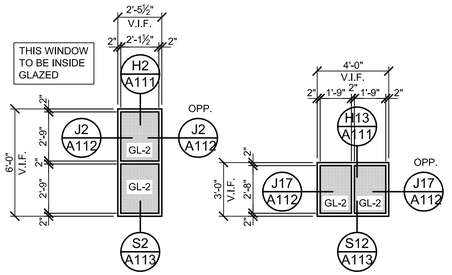

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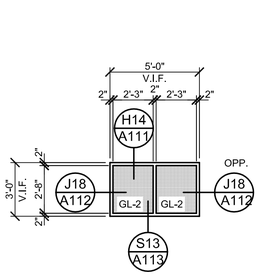

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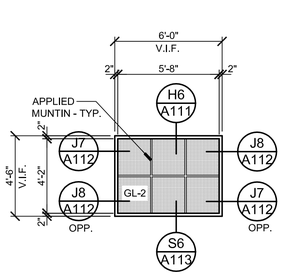
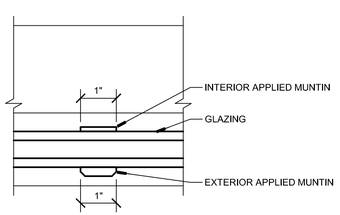


W21

FRAME TYPES

SCALE: 1/4"=1'-0"



TYPICAL APPLIED MUNTIN DETAIL

HALF SIZE

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ADDING STRUCTURAL REINFORCEMENT AS REQUIRED TO MEET STRUCTURAL LOADING FOR ALL WINDOW TYPES.
2. ANCHORING TO BE DETERMINED BY MANUFACTURER, BUT IF CLIP ANCHORS ARE USED, CONTRACTOR IS RESPONSIBLE TO PROVIDE REQUIRED INTERIOR TRIM LARGE ENOUGH TO COVER ANCHOR CLIPS.
3. DIMENSIONS SHOWN ARE TAKEN FROM EXISTING INTERIOR JAMB TO EXISTING INTERIOR JAMB, AND FROM EXISTING INTERIOR STOOL TO EXISTING INTERIOR HEAD.
4. OUTSIDE FACE OF NEW FRAME TO LINE WITH OUTSIDE FACE OF EXISTING FRAME UNLESS NOTED OTHERWISE.
5. CONTRACTOR TO FIELD MEASURE ALL DOOR AND WINDOW OPENINGS.
6. PROVIDE AWNING TYPE WINDOWS WHERE DESIGNATED ON WINDOW TYPE ELEVATIONS.
7. CONTRACTOR TO PROVIDE INTERIOR METAL TRIM AT FLOORS, WALLS AND CEILINGS AS REQUIRED TO COVER ANY EXPOSED CONSTRUCTION WHETHER SHOWN ON DETAILS OR NOT.

GLASS TYPES

GL-1	1" INSULATED GLASS
GL-2	1" INSULATED TRANSLUCENT GLASS
GL-3	1" INSULATED METAL PANEL

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SHEET IDENTIFICATION

WINDOW REPLACEMENT WORK FRAME TYPES

PROJECT INFORMATION

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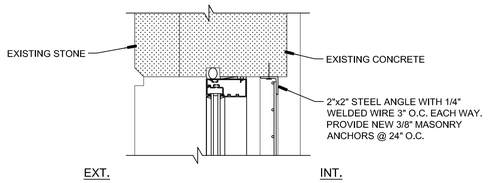
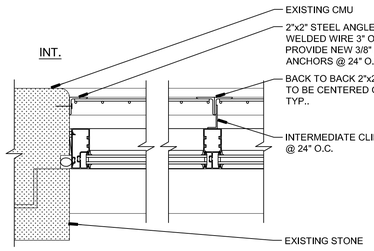
16



1 HEAD DETAIL

SCALE: 1-1/2"=1'-0"



2 JAMB DETAIL

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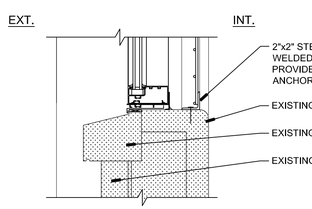

3 SILL DETAIL

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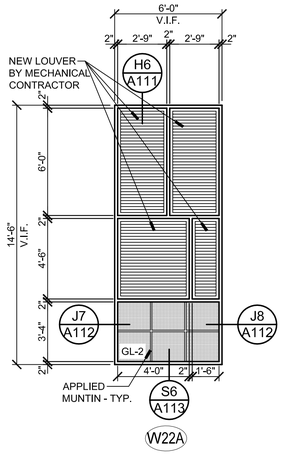
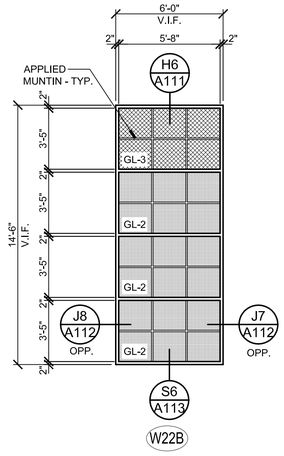
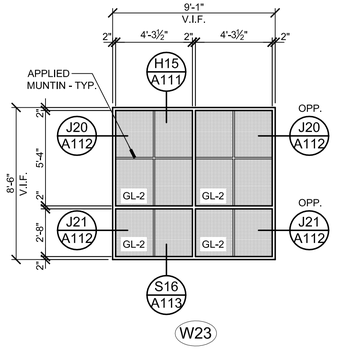
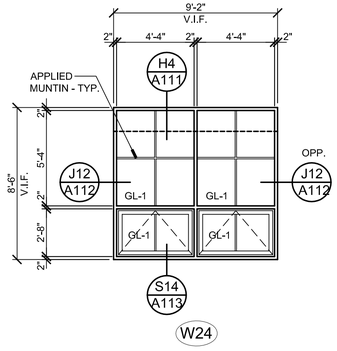
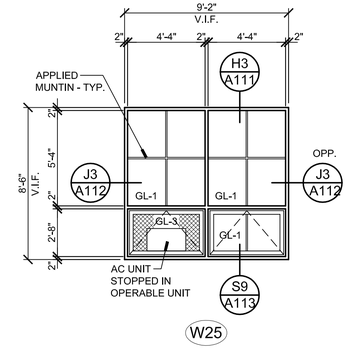
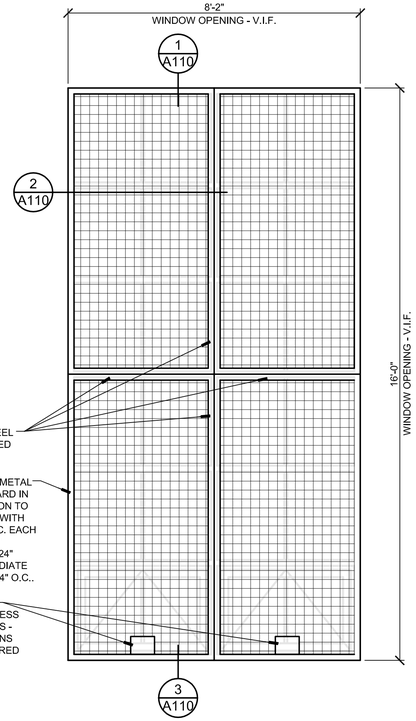






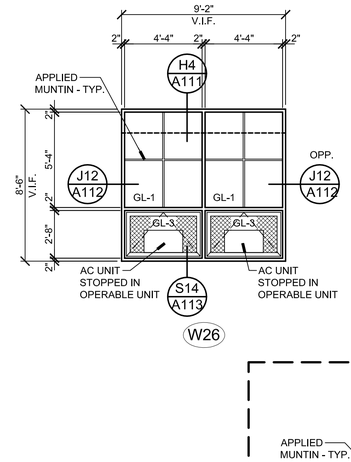


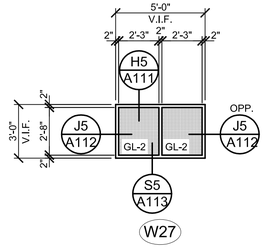


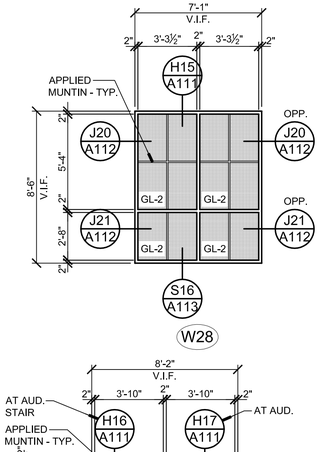


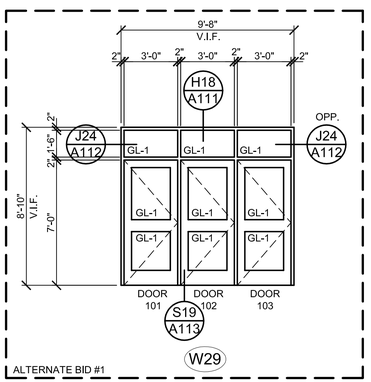
WINDOW SECURITY GUARD AT GYMNASIUM WINDOWS (W4 - 10 TOTAL)

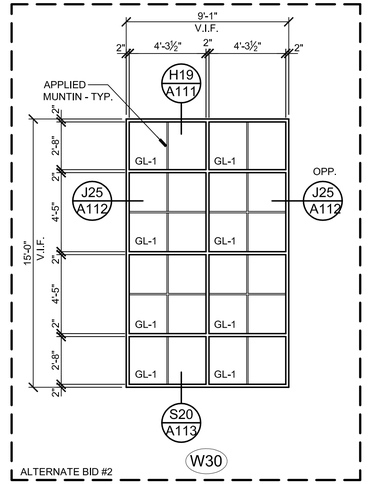
SCALE: 1/2"=1'-0"

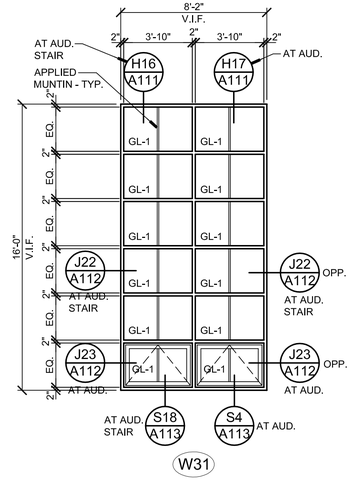






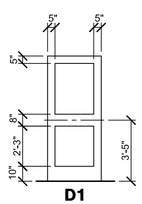






FRAME TYPES

SCALE: 1/4"=1'-0"



DOOR TYPES

SCALE: 1/4"=1'-0"

DOOR SCHEDULE - ALTERNATE BID #2

DOOR NO.	DOORS				DOOR TYPE		FRAMES		DOOR GLAZING	HDWR GROUP	LABEL	REMARKS
	SG/PR	WIDTH	HEIGHT	THICK	MTL	ELEV.	MTL	ELEV.				
101	SG	3'-0"	7'-0"	2"	AL	D1	AL	W29	GL-1	01	NONE	NOTE 1
102	SG	3'-0"	7'-0"	2"	AL	D1	AL	W29	GL-1	02	NONE	-
103	SG	3'-0"	7'-0"	2"	AL	D1	AL	W29	GL-1	02	NONE	-

NOTE 1: REINSTALL SALVAGED CARD READER FOB DEVICE. RECONNECT POWER WIRING FOR ELECTRIC STRIKE.

GENERAL NOTES

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SHEET IDENTIFICATION

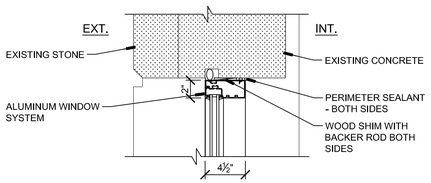
WINDOW REPLACEMENT WORK
FRAME TYPES, WINDOW SECURITY GUARD AND DETAILS AND DOOR SCHEDULE

PROJECT INFORMATION

Date: March 4, 2016
Rev. Date:
RLJA Proj: 2015-049

SHEET NUMBER

A110
OF
16



H1 HEAD DETAIL
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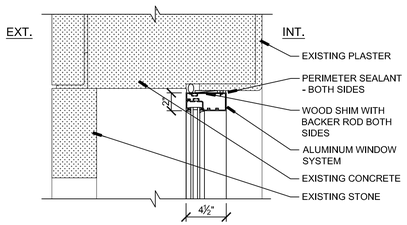

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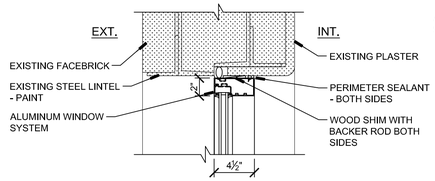

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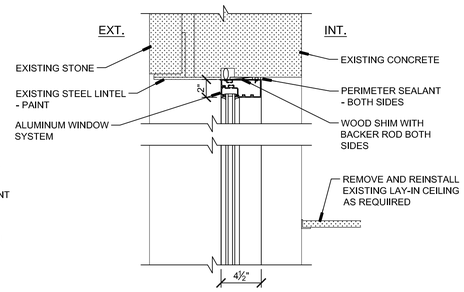

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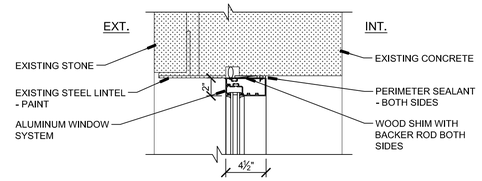

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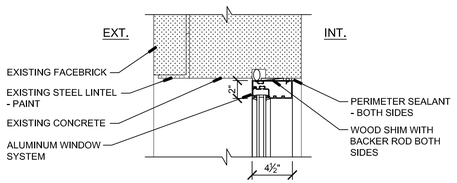

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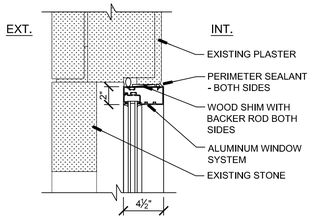

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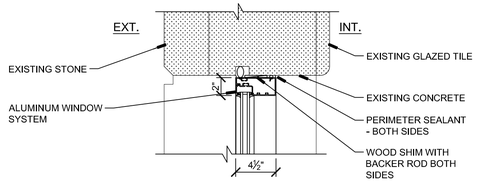

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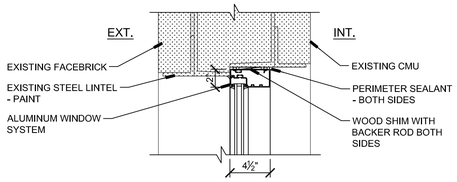

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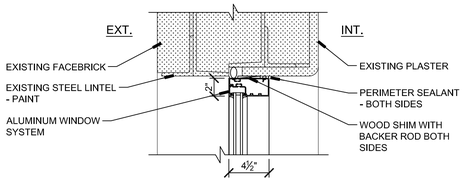

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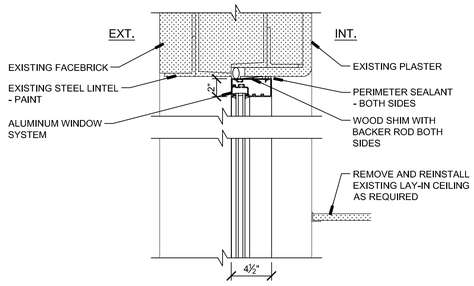

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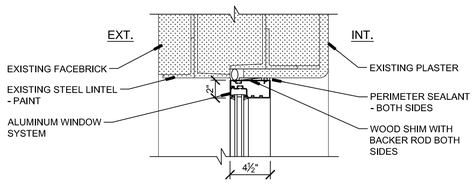

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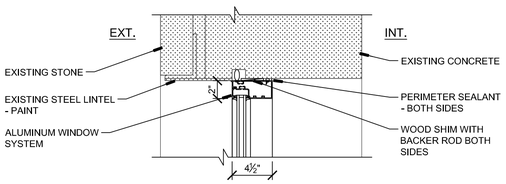

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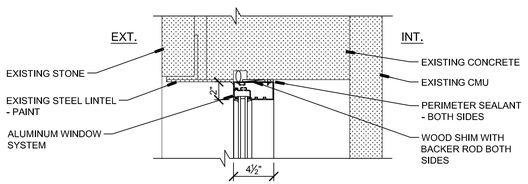

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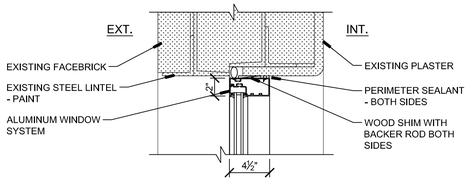

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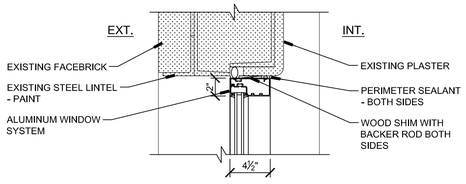

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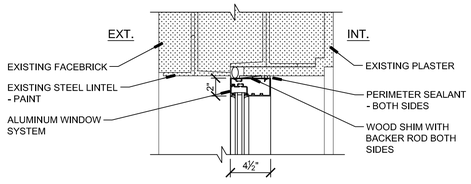

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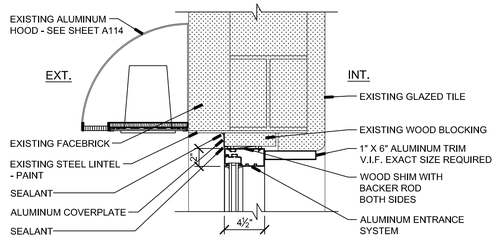

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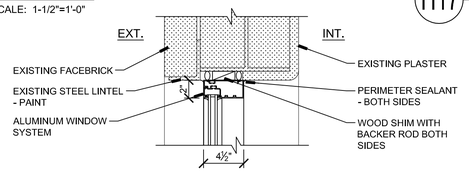

H19 HEAD DETAIL
SCALE: 1-1/2"=1'-0"

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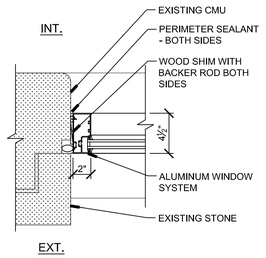

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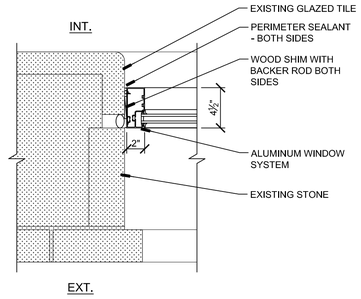

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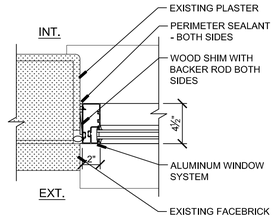

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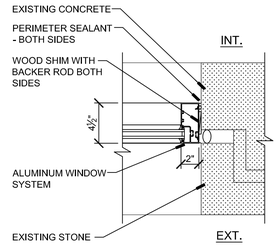

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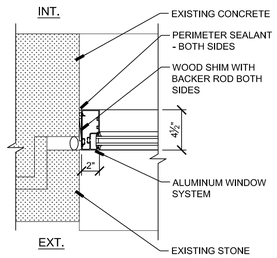

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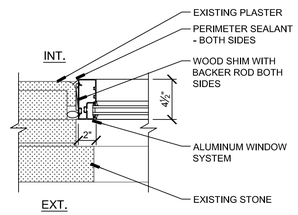

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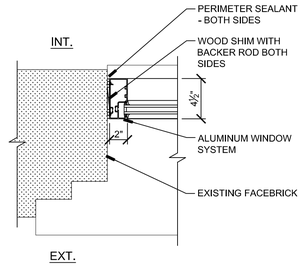

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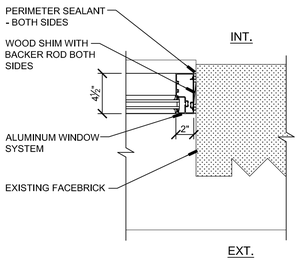

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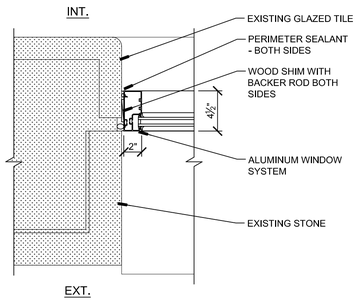

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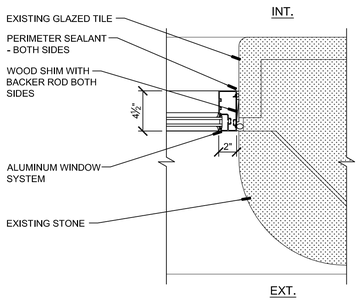

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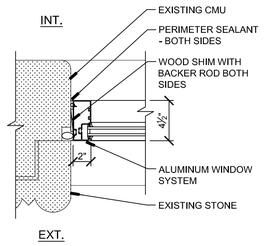

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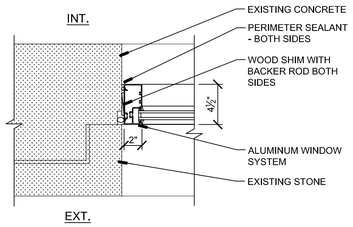

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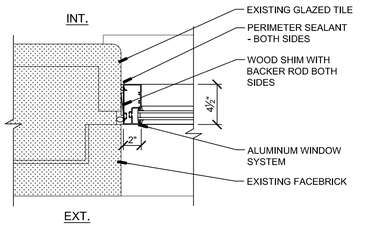

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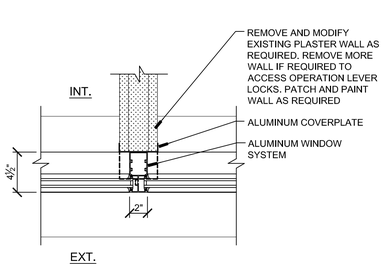

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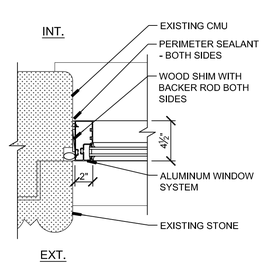

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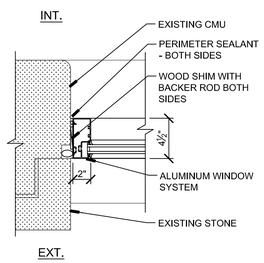

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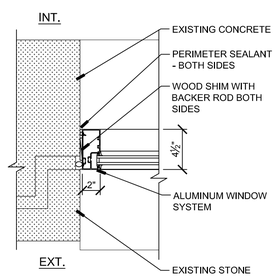

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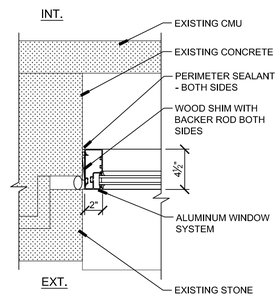

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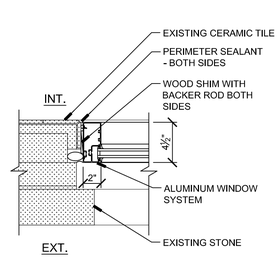

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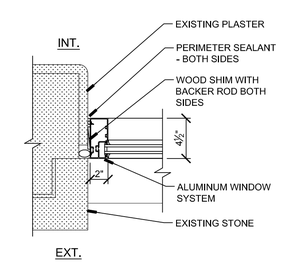

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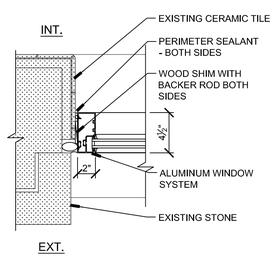

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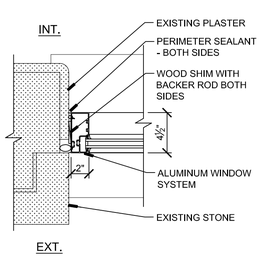

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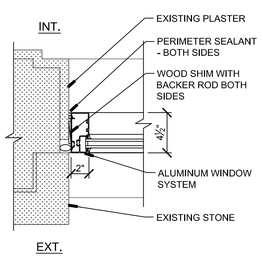

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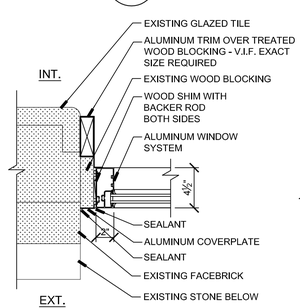

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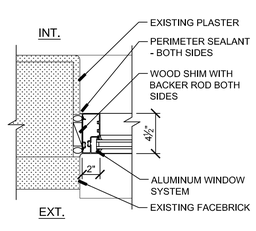

J25 JAMB DETAIL
SCALE: 1-1/2"=1'-0"

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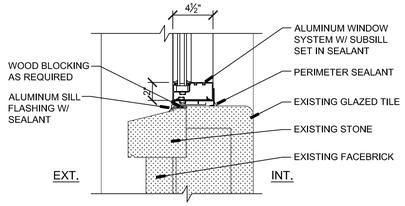
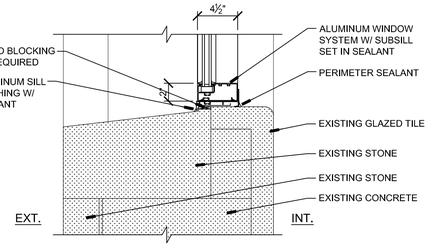


S1 SILL DETAIL
SCALE: 1-1/2"=1'-0"



S2 SILL DETAIL
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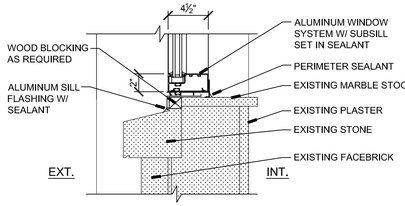

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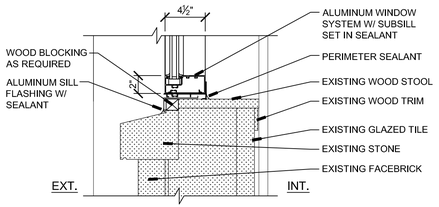

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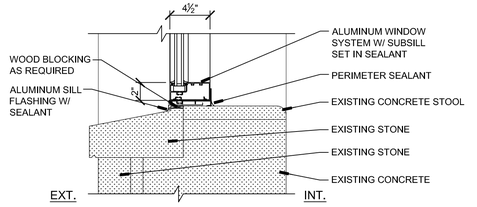

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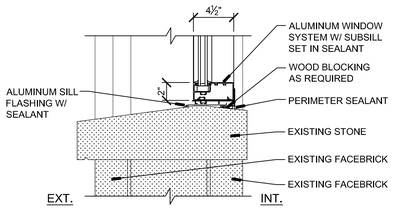

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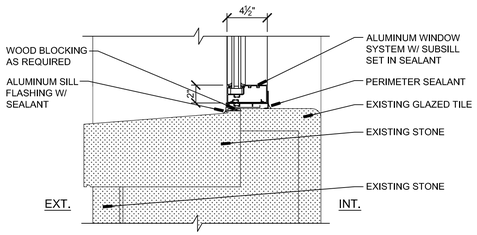

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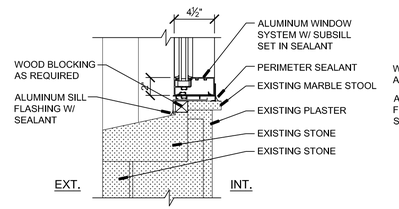

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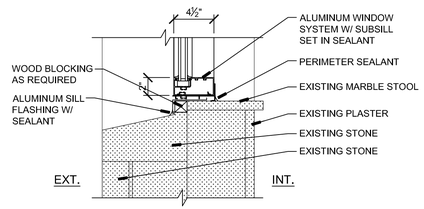

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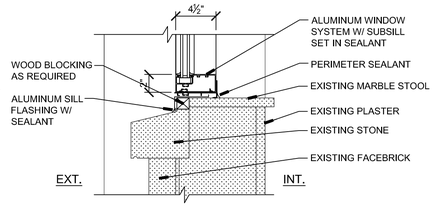

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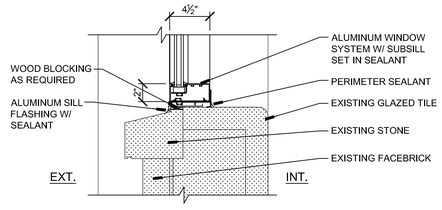

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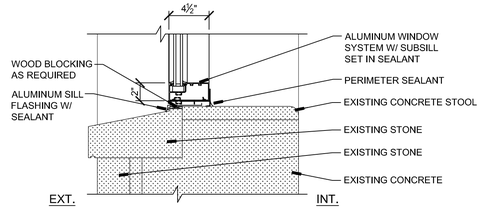

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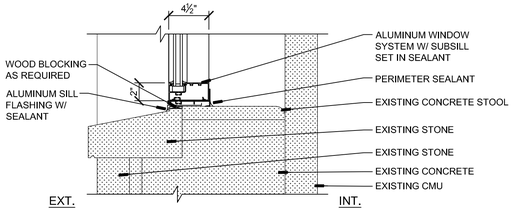

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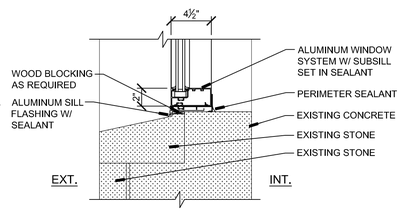

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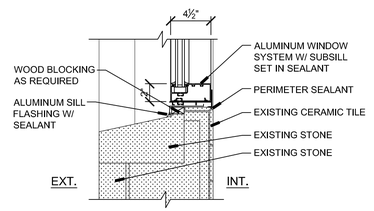

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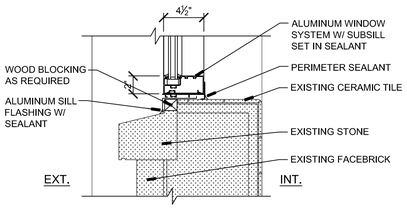

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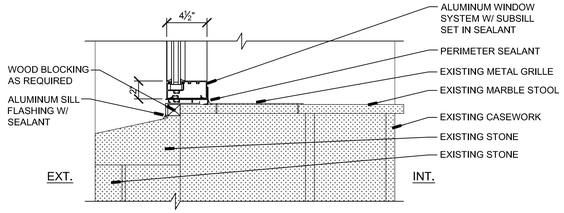

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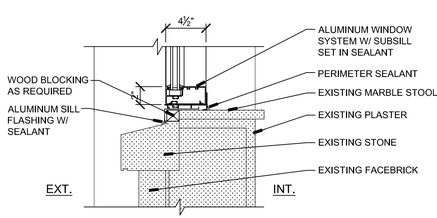

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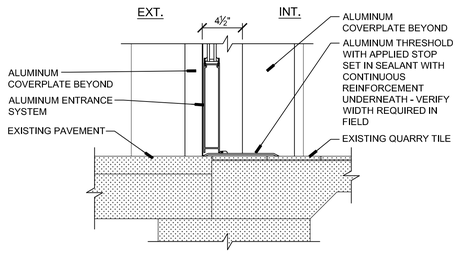

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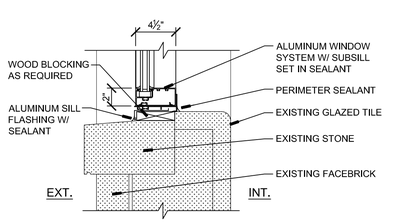

S20 SILL DETAIL
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GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ADDING STRUCTURAL REINFORCEMENT AS REQUIRED TO MEET STRUCTURAL LOADING FOR ALL WINDOW TYPES.
2. ANCHORING TO BE DETERMINED BY MANUFACTURER, BUT IF CLIP ANCHORS ARE USED, CONTRACTOR IS RESPONSIBLE TO PROVIDE REQUIRED INTERIOR TRIM LARGE ENOUGH TO COVER ANCHOR CLIPS.
3. DIMENSIONS SHOWN ARE TAKEN FROM EXISTING INTERIOR JAMB TO EXISTING INTERIOR JAMB, AND FROM EXISTING INTERIOR STOOL TO EXISTING INTERIOR HEAD.
4. OUTSIDE FACE OF NEW FRAME TO LINE WITH OUTSIDE FACE OF EXISTING FRAME UNLESS NOTED OTHERWISE.
5. CONTRACTOR TO FIELD MEASURE ALL DOOR AND WINDOW OPENINGS.
6. PROVIDE AWNING TYPE WINDOWS WHERE DESIGNATED ON WINDOW TYPE ELEVATIONS.
7. CONTRACTOR TO PROVIDE INTERIOR METAL TRIM AT FLOORS, WALLS AND CEILINGS AS REQUIRED TO COVER ANY EXPOSED CONSTRUCTION WHETHER SHOWN ON DETAILS OR NOT.

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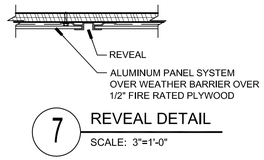
SHEET IDENTIFICATION
WINDOW REPLACEMENT WORK DETAILS

PROJECT INFORMATION
Date: March 4, 2016
Rev. Date:
RLJA Proj: 2015-049

SHEET NUMBER
A113
OF
16



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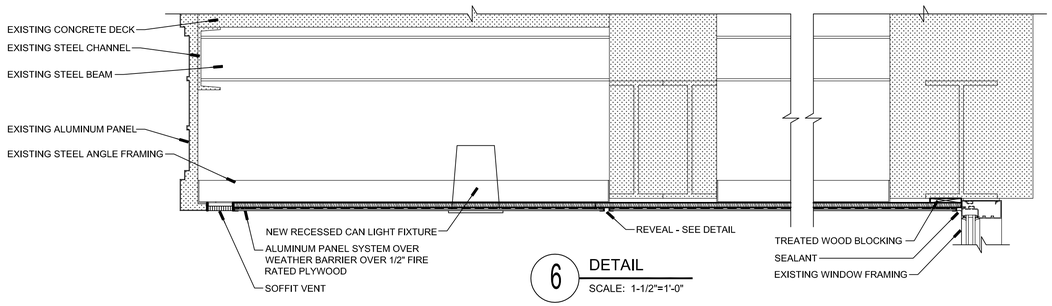

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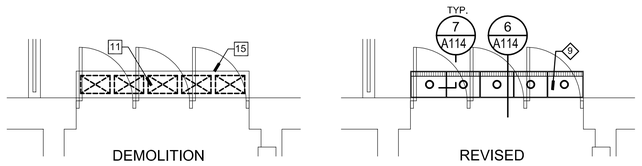

1 CANOPY SOFFIT PLAN AT ENTRANCE "g"
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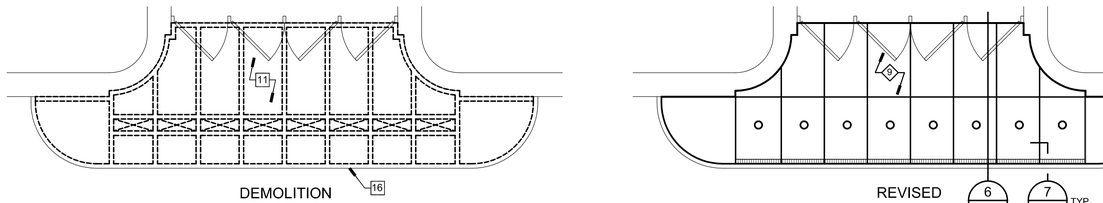

2 CANOPY SOFFIT PLAN AT ENTRANCE "A"
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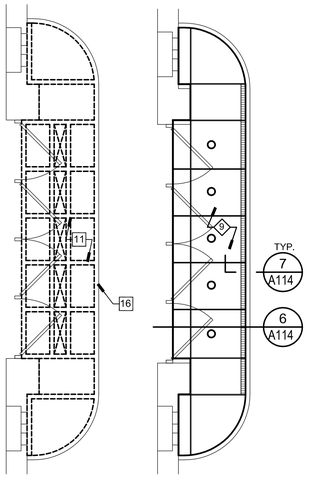

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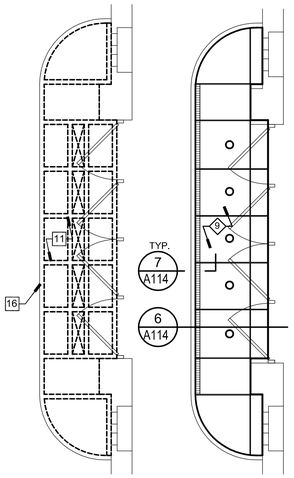

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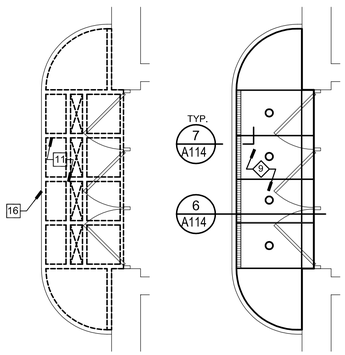

5 CANOPY SOFFIT PLAN AT ENTRANCE "C"
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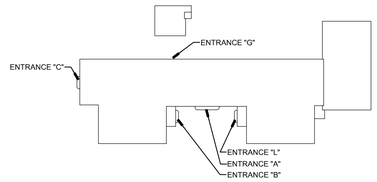

KEY PLAN
SCALE: NONE

GENERAL DEMOLITION NOTES

1. THE DEMOLITION PLAN IS PROVIDED AS AID IN PLANNING AND DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY IN FIELD VERIFYING THE EXISTING JOB SITE.
2. PROVIDE ALL TEMPORARY SHORING AS REQUIRED TO SUPPORT STRUCTURES AND FINISHES TO REMAIN.
3. THE CONTRACTOR SHALL VERIFY ANY EXISTING NON-FUNCTIONING EQUIPMENT ASSOCIATED WITH NEW GRILLES / LOUVERS / ETC. WITH OWNER.
4. THE CONTRACTOR SHALL COORDINATE ALL FINAL LOCATIONS OF AIR CONDITIONERS WITH THE OWNER / ARCHITECT.
5. ANY WALLS OR CEILINGS DAMAGED BY THE ASBESTOS REMOVAL CONTRACTOR SHALL BE REPAIRED AND PAINTED BY THE SCHOOL DISTRICT. ANY WALLS OR CEILINGS DAMAGED DURING THE COURSE OF THE WINDOW INSTALLATION PROJECT SHALL BE REPAIRED AND PAINTED BY THE GENERAL CONTRACTOR.
6. SEE DEMOLITION ELEVATIONS FOR ADDITIONAL INFORMATION.
7. EXISTING WINDOW TREATMENTS REMOVED BY ASBESTOS CONTRACTOR. OWNER TO PATCH AND PAINT ANY HOLES IN PLASTER AFTER REMOVAL.
8. THE OWNER SHALL DISCONNECT AND RECONNECT EXISTING EQUIPMENT AS REQUIRED.
9. ASBESTOS CONTRACTOR AND WINDOW CONTRACTOR TO REPORT ANY DETERIORATED LINTELS TO ARCHITECT AND OWNER. OWNER TO REPAIR OR REPLACE AS REQUIRED.

DEMOLITION BOX NOTES

1. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE WINDOWS AND CAULKING AND INSTALL PLYWOOD AND FRAMING TO FILL IN THE OPENINGS. WINDOW CONTRACTOR TO REMOVE PLYWOOD AND FRAMING AND TURN OVER TO THE ASBESTOS CONTRACTOR.
2. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING AIR CONDITIONER AND SUPPORTS AND TURN OVER TO THE WINDOW CONTRACTOR FOR REINSTALLATION.
3. OWNER SHALL REWORK EXISTING CABLE AS REQUIRED.
4. OWNER SHALL REWORK EXISTING CONDUIT AS REQUIRED.
5. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING ROUND EXHAUST VENT. MECHANICAL CONTRACTOR TO DISCONNECT DUCTWORK FROM LOUVER.
6. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING LOUVER. MECHANICAL CONTRACTOR TO DISCONNECT DUCTWORK FROM LOUVER.
7. CONTRACTOR SHALL REMOVE EXISTING TACKBOARDS COVERING WINDOW OPENING AND TURN OVER TO THE OWNER.
8. WINDOW CONTRACTOR SHALL REMOVE EXISTING WOOD TRIM AT JAMBS AS REQUIRED.
9. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING EXHAUST FAN AND LOUVER.
10. ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER SHALL REMOVE EXISTING INTERIOR METAL WINDOW SECURITY GUARD COMPLETE INCLUDING ANCHORS. OWNER TO PATCH HOLES IN MASONRY WHERE ANCHORS ARE REMOVED.
11. UNDER ALTERNATE BID #7: CONTRACTOR SHALL REMOVE EXISTING ALUMINUM PANEL SOFFIT SYSTEM AND LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS.
12. UNDER ALTERNATE BID #1: ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE DOORS, FRAMING, GLAZING AND CAULKING AND INSTALL PLYWOOD AND FRAMING TO FILL IN THE OPENING. REMOVE AND TURN OVER TO THE ELECTRICAL CONTRACTOR THE EXISTING FRAME MOUNTED CARD FOB DEVICE. WINDOW CONTRACTOR TO REMOVE PLYWOOD AND FRAMING AND TURN OVER TO THE ASBESTOS CONTRACTOR.
13. UNDER ALTERNATE BID #2: ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE GLASS BLOCK AND CAULKING AND INSTALL PLYWOOD AND FRAMING TO FILL IN THE OPENING. WINDOW CONTRACTOR TO REMOVE PLYWOOD AND FRAMING AND TURN OVER TO THE ASBESTOS CONTRACTOR.
14. UNDER ALTERNATE BID #3: ASBESTOS CONTRACTOR HIRED SEPARATELY BY OWNER WILL REMOVE EXISTING DECORATIVE GRILLE AND CAULKING AND TURN GRILLE OVER TO THE WINDOW CONTRACTOR.
15. UNDER ALTERNATE BID #7: EXISTING ALUMINUM ENTRANCE CANOPY TO REMAIN. CONTRACTOR TO CLEAN. SEE SHEET A114 FOR OTHER CANOPY WORK.
16. UNDER ALTERNATE BID #7: REPAIR AND RE-FASTEN EXISTING METAL FASCIA AT CANOPY. CLEAN METAL FASCIA. SEE SHEET A114 FOR OTHER CANOPY WORK.
17. CONTRACTOR SHALL REMOVE EXISTING RAMP CONSTRUCTION. CONTRACTOR TO NOT DAMAGE OR REMOVE UNDERLYING FLOOR FINISHES DURING DEMOLITION.
18. CONTRACTOR SHALL REMOVE EXISTING HANDRAIL. PATCH HOLES IN WALL WITH MORTAR.

WINDOW SHADE GENERAL NOTES

1. PROVIDE LIGHT FILTERING ROLLER SHADES, OUTSIDE MOUNT ON PLASTER OR STEEL HEAD OF WINDOW ADJACENT TO WINDOW FRAME. SEE SPECIFICATIONS.
2. PROVIDE ONE SHADE PER SECTION ON ELEVATIONS. EACH VERTICAL DIVISION DESIGNATES A NEW SECTION.
3. PROVIDE SHADES ON ALL GL-1 WINDOW SECTIONS UNLESS NOTED OTHERWISE. NO SHADES ON LOBBY/CORRIDOR/VESTIBULE/STAIR WINDOWS.
4. PROVIDE SHADES ON ALL GL-2 WINDOW SECTIONS UNLESS NOTED OTHERWISE. NO SHADES FOR LOCKER ROOMS, TOILET ROOMS AND BOILER ROOM WINDOWS.
5. NO SHADES ON GL-3 PANELS.
6. FIELD VERIFY ALL WINDOW MEASUREMENTS PRIOR TO ORDERING SHADES.
7. ROLLER SHADES IN AUDITORIUM TO BE ROOM DARKENING/BLACKOUT SHADES. SEE SPECIFICATIONS.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING WINDOW DIMENSIONS PRIOR TO BIDDING. THE DIMENSIONS ON THE DRAWING ARE +/-.
2. PROVIDE BACKER ROD AND SEALANT AROUND PERIMETER OF NEW WINDOW AND ENTRANCE FRAMES - EACH SIDE OF FRAMES.
3. CONTRACTOR IS RESPONSIBLE FOR ADDING STRUCTURAL REINFORCEMENT AS REQUIRED TO MEET STRUCTURAL LOADING FOR ALL WINDOW TYPES.
4. WINDOWS SHALL OPEN AS FAR AS POSSIBLE. AT END OF PROJECT THE OWNER/ARCHITECT SHALL DETERMINE WHICH OPERABLE WINDOWS WILL REQUIRE A 4" MAXIMUM OPENING.
5. PROVIDE A PROPER CAULK JOINT BETWEEN A/C UNITS AND METAL PANELS.
6. PROVIDE TREATED WOOD SHIMS AND BLOCKING AS REQUIRED FOR WINDOW INSTALLATIONS. APPLY A COATING TO THE WOOD BLOCKING SO AS TO NOT CHEMICALLY REACT WITH THE ALUMINUM.
7. CONTRACTOR TO RESTORE ANY DISTURBED GRASS AREAS WITH SEED BACK TO ORIGINAL CONDITIONS AFTER WORK IS COMPLETE.
8. TOILET WINDOWS, LOCKER ROOM WINDOWS AND POOL WINDOWS TO BE NON-OPERABLE.
9. CONTRACTOR TO VERIFY EXACT LOCATIONS AND SIZES OF AIR CONDITIONER UNITS IN NEW WINDOW SYSTEM WITH OWNER.
10. LINTELS AT WINDOWS AND ENTRANCES TO BE PAINTED THE SAME COLOR AS WINDOWS.
11. CONTRACTOR TO PROVIDE INTERIOR METAL TRIM AT FLOORS, WALLS AND CEILINGS AS REQUIRED TO COVER ANY EXPOSED CONSTRUCTION WHETHER SHOWN ON DETAILS OR NOT.
12. INSULATED METAL PANEL COLOR TO MATCH FRAMING COLOR.
13. CAULK COLOR TO MATCH FRAMING COLOR.

RENOVATION KEY NOTES

1. WINDOW CONTRACTOR TO INSTALL NEW ALUMINUM WINDOW SYSTEM AND GLAZING COMPLETE.
2. WINDOW CONTRACTOR TO INSTALL EXISTING AIR CONDITIONER IN NEW INSULATED METAL PANEL (GL-3). REINSTALL EXISTING A/C SUPPORTS. INSTALL SEALANT BETWEEN THE PANEL AND THE A/C UNIT TO MATCH PANEL COLOR.
3. INSTALL NEW INTERIOR WINDOW SECURITY GUARD IN OPENING. SEE DETAILS ON SHEET A110.
4. WINDOW CONTRACTOR TO INSTALL NEW LOUVER IN NEW ALUMINUM WINDOW SYSTEM. MECHANICAL CONTRACTOR TO MAKE CONNECTION TO INTERIOR DUCTWORK.
5. WINDOW CONTRACTOR TO INSTALL NEW LOUVER IN NEW INSULATED METAL PANEL (GL-3). CUSTOM PREFINISHED PAINT COLOR TO MATCH COLOR OF PANEL. MECHANICAL CONTRACTOR TO MAKE CONNECTION TO INTERIOR DUCTWORK.
6. THIS WINDOW TO BE A MOCK-UP WINDOW. SEE SPECIFICATIONS.
7. UNDER ALTERNATE BID #3: PREP AND SAND EXISTING DECORATIVE GRILLE. DECORATIVE GRILLE TO BE PRE-FINISHED IN EPOXY PAINT. REINSTALL GRILLE IN OPENING.
8. INSTALL BRICK AND CMU IN OPENING SO THERRE IS NO CAVITY BETWEEN BRICK AND CMU. VERIFY DEPTH OF CMU IN FIELD. BRICK TO MATCH EXISTING AND FACE BE FLUSH WITH STONE REVEAL SETBACK FACE. CMU TO BE PAINTED TO MATCH EXISTING.
9. UNDER ALTERNATE BID #7: INSTALL NEW METAL PANEL SOFFIT SYSTEM WITH REVEALS, TRIM AND LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS.
10. UNDER ALTERNATE BID #1: WINDOW CONTRACTOR TO INSTALL NEW ALUMINUM ENTRANCE SYSTEM AND GLAZING COMPLETE. ELECTRICAL CONTRACTOR TO REINSTALL SALVAGED CARD FOB DEVICE AND RECONNECT POWER AS REQUIRED.
11. UNDER ALTERNATE BID #2: INSTALL NEW ALUMINUM WINDOW SYSTEM AND GLAZING COMPLETE.
12. WELD NEW 1/8" STEEL PLATE OVER THE FACE OF THE EXISTING DETERIORATED BOTTOM THREE STEEL STAIR RISERS. PREP EXISTING RISER AS REQUIRED PRIOR TO INSTALLATION OF NEW PLATE.
13. INSTALL NEW ALUMINUM PANEL SYSTEM.
14. PANEL JOINT - TYPICAL.
15. INSTALL NEW ADA LIFT. SEE SPECIFICATIONS.

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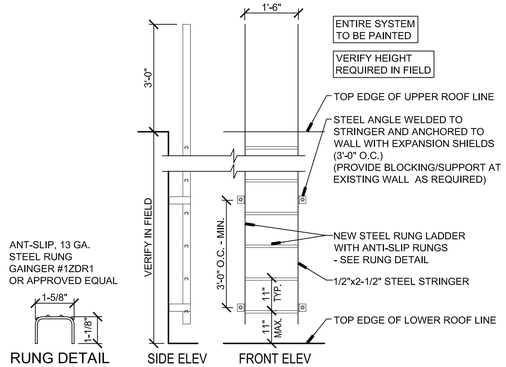
SHEET IDENTIFICATION
ALTERNATE BID #6
CANOPY SOFFIT
PLANS AND DETAILS

PROJECT INFORMATION
Date March 4, 2016
Rev. Date
RLJA Proj 2015-049

SHEET NUMBER
A114
OF
16

690



2 ACCESS LADDER

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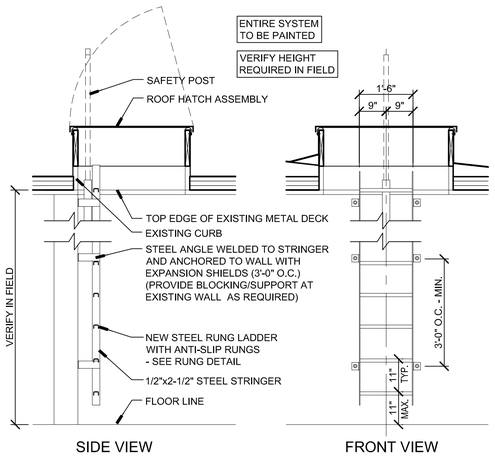


3 ACCESS LADDER AND ROOF HATCH

SCALE: 1/2"=1'-0"

EXISTING ROOFING CONDITIONS

AREA 1:

BUILT-UP ROOFING WITH GRAVEL OVER 1" FIBERGLASS INSULATION OVER BUILT-UP ROOFING WITH GRAVEL OVER 1/2" HIGH DENSITY INSULATION BOARD OVER CONCRETE DECK. DECK IS ASSUMED TO BE SLOPED.

AREA 2:

BUILT-UP ROOFING WITH GRAVEL OVER 1/2" HIGH DENSITY INSULATION BOARD OVER 1-1/2" POLYISOCYANURATE INSULATION OVER METAL DECK. DECK IS ASSUMED TO BE FLAT.

AREA 3:

BUILT-UP ROOFING WITH GRAVEL OVER 1/2" HIGH DENSITY INSULATION BOARD OVER 1" POLYISOCYANURATE INSULATION OVER METAL DECK. DECK IS ASSUMED TO BE FLAT.

AREA 4:

BUILT-UP ROOFING WITH GRAVEL OVER 1" FIBERGLASS INSULATION OVER BUILT-UP ROOFING WITH GRAVEL OVER 1/2" HIGH DENSITY INSULATION BOARD OVER CONCRETE DECK. DECK IS ASSUMED TO BE FLAT.

AREA 5:

BUILT-UP ROOFING WITH GRAVEL OVER CONCRETE DECK. DECK IS ASSUMED TO BE FLAT.

AREA 6:

BUILT-UP ROOFING WITH GRAVEL OVER CONCRETE DECK. DECK IS ASSUMED TO BE FLAT.

AREA 7:

BUILT-UP ROOFING WITH GRAVEL OVER CONCRETE DECK. DECK IS ASSUMED TO BE FLAT.

AREA 8:

BUILT-UP ROOFING WITH GRAVEL OVER 1" FIBERGLASS INSULATION OVER BUILT-UP ROOFING WITH GRAVEL OVER 1/2" HIGH DENSITY INSULATION BOARD OVER CONCRETE DECK. DECK IS ASSUMED TO BE FLAT.

AREA 9:

BUILT-UP ROOFING WITH GRAVEL OVER CONCRETE DECK. DECK IS ASSUMED TO BE FLAT.

AREA 10:

FULLY ADHERED EPDM ROOFING SYSTEM OVER 2" POLYISOCYANURATE INSULATION OVER BUILT-UP ROOFING WITH GRAVEL OVER 1/2" HIGH DENSITY INSULATION BOARD OVER CONCRETE DECK. DECK IS ASSUMED TO BE FLAT.

AREA 11:

BUILT-UP ROOFING WITH GRAVEL OVER 1/2" HIGH DENSITY INSULATION BOARD OVER 1" POLYISOCYANURATE INSULATION OVER METAL DECK. DECK IS ASSUMED TO BE FLAT.

DEMOLITION BOX NOTES

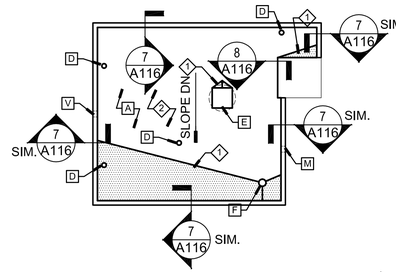
- A REMOVE EXISTING BUILT-UP ROOFING AND INSULATION DOWN TO EXISTING CONCRETE DECK.
- B REMOVE EXISTING BUILT-UP ROOFING AND INSULATION DOWN TO EXISTING METAL DECK. REMOVE PERIMETER METAL AND WOOD BLOCKING AS REQUIRED.
- C REMOVE EXISTING BUILT-UP ROOFING AND INSULATION DOWN TO EXISTING CONCRETE DECK. PERIMETER CANOPY ALUMINUM TO REMAIN.
- D EXISTING PLUMBING VENT TO REMAIN. EXTEND TO MINIMUM 12" ABOVE NEW ROOF LINE.
- E EXISTING MECHANICAL HOOD AND CURB TO REMAIN.
- F EXISTING ROOF DRAIN TO REMAIN. FLASH NEW ROOF INTO EXISTING ROOF DRAIN.
- G REMOVE EXISTING ROOF HATCH. INFILL OPENING WITH 18 GA. METAL STUDS @ 16" O.C. AND FIRE TREATED PLYWOOD FLUSH WITH TOP OF EXISTING CURB. ROOF OVER AS SPECIFIED.
- H REMOVE EXISTING ROOFTOP UNIT, PROVIDE ADDITIONAL WOOD CURB ON TOP OF EXISTING CURB AND REINSTALL ROOFTOP UNIT. CONTRACTOR TO REWORK AND EXTEND ALL ELECTRICAL, GAS AND MECHANICAL WORK AS REQUIRED.
- J EXISTING STAGE SMOKE VENT ENCLOSURE AND CURB TO REMAIN. CLEAN, PAINT AND RECONNECT DOWNSPOUTS .
- K REMOVE EXISTING PITCH POCKET. PROVIDE NEW PITCH POCKET.
- L OWNER TO REMOVE EXISTING CABLE.
- M REMOVE EXISTING FLOW THRU SCUPPER. FLASH-IN NEW METAL FLOW THRU SCUPPER. INSTALL PER SMACNA STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
- N REMOVE EXISTING SKYLIGHT AND EXHAUST VENT. EXISTING CURB TO REMAIN.
- P REMOVE EXISTING SKYLIGHT. EXISTING CURB TO REMAIN.
- Q REMOVE EXISTING ROOF HATCH AND ACCESS LADDER.
- R REMOVE AND REINSTALL EXISTING JUNCTION BOX. REWORK CABLE AS REQUIRED.
- T EXISTING CONDUIT AND LIGHT FIXTURES TO BE REMOVED AND REINSTALLED.
- U REMOVE EXISTING ROOF DRAIN.
- V REMOVE EXISTING FLOW THRU SCUPPER. FILL VOID WITH INSULATION AND COVER EXTERIOR OPENING WITH SHEET METAL COVER.

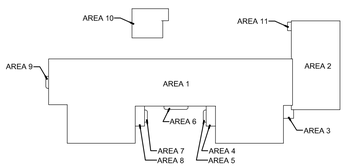
GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CORE CUTS TO VERIFY THE EXISTING CONDITIONS. NO EXTRAS WILL BE ALLOWED TO COMPENSATE FOR EXISTING CONDITIONS WHICH MAY DIFFER FROM WHAT IS DESCRIBED ON DRAWINGS AND/OR SPECIFICATIONS.
2. ROOFING CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND ACTUAL DIMENSIONS OF THE ROOFS PRIOR TO BIDDING - DO NOT SCALE THESE DRAWINGS
3. ROOFING CONTRACTOR TO FIELD VERIFY LOCATIONS OF ALL EXISTING ROOF TOP MECHANICAL EQUIPMENT UNITS, PIPING, VENTS, ETC. PRIOR TO BIDDING - LOCATION OF MECHANICAL EQUIPMENT SHOWN ON PLANS SHOULD ONLY BE USED AS A GUIDE - CONTRACTOR SHALL FLASH ALL PENETRATIONS PER MANUFACTURER'S WARRANTY STANDARDS
4. ROOFING CONTRACTOR TO EXTEND CURBS AND ANY MECHANICAL EQUIPMENT SO THEY ARE A MINIMUM OF 8" ABOVE THE TOP OF THE ROOF. EXTEND VENT STACKS SO THEY ARE A MINIMUM OF 12" ABOVE THE TOP OF THE ROOF. EXTEND / MODIFY EXISTING DUCTWORK AND ELECTRICAL ASSOCIATED WITH MECHANICAL EQUIPMENT
5. ALL DETAILS SHALL BE APPROVED BY THE ROOFING MANUFACTURER IN ORDER TO KEEP THE NEW ROOFING WARRANTY INTACT
6. PROVIDE SADDLES AT ALL MECHANICAL ROOF TOP UNITS AND OTHER ROOF PENETRATIONS
7. FLASH IN ANY EXISTING ROOF PENETRATIONS PER ROOFING MANUFACTURER'S GUIDELINES
8. AT ALL ROOF AREAS EXCEPT AREA 2, 3 AND 11 ROOFING CONTRACTOR TO TEAR-OFF ROOF AREAS AND INSTALL THE 2-PLY BASE SHEET ON THE ROOF DECK AND PARAPET WALLS TO CREATE A WATERTIGHT CONDITION. BY DOING THIS, THE NEW WHITE TPO SYSTEM CAN BE INSTALLED WITHOUT TEAR-OFF HAPPENING AT THE ADJACENT ROOF. THIS WILL HELP PROTECT TRACKING TAR, DIRT AND DEBRIS FROM THE ADJACENT ROOFS TO THE TPO ROOF, AND KEEP THE TPO ROOF WHITER.
9. CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING DAMAGED GRASS AREAS BACK TO THEIR ORIGINAL CONDITION AFTER THE ROOF WORK IS COMPLETE
10. CONTRACTOR WILL BE RESPONSIBLE FOR PICKING UP ALL NAILS, SCREWS, AND SIMILAR DEBRIS AROUND THE PERIMETER OF THE BUILDING WHERE THE CONTRACTOR IS PERFORMING WORK
11. ROOFING CONTRACTOR TO MAKE SURE SADDLES AT DRAINS NEAR ROOFTOP UNITS DO NOT TRAP WATER. ADJUST TAPERED INSULATION LAYOUT ACCORDINGLY
12. EXISTING ROOF FLASHINGS CONTAIN ASBESTOS. ROOFING CONTRACTOR TO PROPERLY REMOVE AND DISPOSE OF ASBESTOS ROOF FLASHINGS. SEE SPECIFICATIONS IN PROJECT MANUAL.
13. OWNER TO TRIM ANY TREES ON DISTRICT PROPERTY AS REQUIRED FOR ROOFING WORK.
14. TPO SURFACE MUST BE PROTECTED FROM DIRT AND STAINING DURING INSTALLATION OR SURFACE MUST BE CLEANED AFTER INSTALLATION IS COMPLETE.

RENOVATION KEY NOTES

1. PROVIDE TAPERED INSULATION SADDLE. SLOPE OF TAPER TO BE 1/2" PER FOOT. VERIFY SLOPE IN FIELD. TAPERED INSULATION MANUFACTURER TO DESIGN TAPERED INSULATION AS REQUIRED TO PROVIDE PROPER SLOPES.
2. PROVIDE ONE LAYER OF THERMOPLASTIC OLEFIN (TPO) MEMBRANE OVER 1/8" TAPERED INSULATION WITH 1/2" STARTING THICKNESS OVER TWO LAYERS OF 2" RIGID INSULATION OVER 2 PLY BASE SHEET OVER EXISTING CONCRETE DECK. ALL LAYERS INCLUDING BASE SHEET TO BE ADHERED.
3. PROVIDE ONE LAYER OF THERMOPLASTIC OLEFIN (TPO) MEMBRANE OVER 1/4" TAPERED INSULATION WITH 1/2" STARTING THICKNESS OVER TWO LAYERS OF 2" RIGID INSULATION OVER EXISTING METAL DECK. BOTTOM LAYER TO BE MECHANICALLY FASTENED AND TOP LAYER TO BE ADHERED.
4. PROVIDE ONE LAYER OF THERMOPLASTIC OLEFIN (TPO) MEMBRANE OVER 1/8" TAPERED INSULATION WITH 1/2" STARTING THICKNESS OVER ONE LAYER OF 1" RIGID INSULATION OVER 2 PLY BASE SHEET OVER EXISTING CONCRETE DECK. ALL LAYERS TO BE ADHERED.
5. PROVIDE NEW 3 DOMED SECTION SKYLIGHT. EXISTING CONCRETE CURB TO REMAIN. PROVIDE NEW WOOD BLOCKING ON TOP OF EXISTING CURB AS REQUIRED FOR NEW SKYLIGHT INSTALLATION. PROVIDE DROP PROTECTION OF 0.162" DIA. GALVANIZED STEEL WIRE MESH AT 4" O.C. BOTH DIRECTIONS.
6. PROVIDE NEW SKYLIGHT. PROVIDE NEW WOOD BLOCKING ON TOP OF EXISTING CURB AS REQUIRED FOR NEW SKYLIGHT INSTALLATION. PROVIDE SHEET METAL TO COVER ADDITIONAL WOOD CURB. PROVIDE DROP PROTECTION OF 0.162" DIA. GALVANIZED STEEL WIRE MESH AT 4" O.C. BOTH DIRECTIONS.
7. PROVIDE NEW FLOW THRU SCUPPER OPENING WITH METAL CONDUCTOR BOX. PROVIDE NEW 3"x4" METAL DOWNSPOUT. PROVIDE ELBOW AT BOTTOM TO DIVERT WATER AWAY FROM ENTRANCE AS REQUIRED.
8. PROVIDE NEW ROOF HATCH. VERIFY EXACT SIZE IN FIELD. PROVIDE ADDITIONAL WOOD BLOCKING ON TOP OF EXISTING CURB AS REQUIRED. PROVIDE NEW STEEL RUNG ACCESS LADDER AND HAND POLE SAFETY EXTENSION. SEE DETAIL.
9. PROVIDE ONE LAYER OF THERMOPLASTIC OLEFIN (TPO) MEMBRANE OVER 1/4" TAPERED INSULATION WITH 1/2" STARTING THICKNESS OVER TWO LAYERS OF 2" RIGID INSULATION OVER 2 PLY BASE SHEET OVER EXISTING CONCRETE DECK. ALL LAYERS INCLUDING BASE SHEET TO BE ADHERED.
10. PROVIDE ONE LAYER OF THERMOPLASTIC OLEFIN (TPO) MEMBRANE OVER 1/8" TAPERED INSULATION WITH 1/2" STARTING THICKNESS OVER TWO LAYERS OF 2" RIGID INSULATION OVER EXISTING METAL DECK. BOTTOM LAYER TO BE MECHANICALLY FASTENED AND TOP LAYER TO BE ADHERED.
11. PROVIDE ONE LAYER OF THERMOPLASTIC OLEFIN (TPO) MEMBRANE OVER 1/8" TAPERED INSULATION WITH 1/2" STARTING THICKNESS OVER ONE LAYER OF 1" RIGID INSULATION OVER EXISTING METAL DECK. MECHANICALLY FASTEN FIRST LAYER OF INSULATION.
12. INSTALL MINIMUM 12" WIDE FLOW THRU OVERFLOW SCUPPER SO BOTTOM IS FLUSH WITH ADJACENT ROOF LINE. EXTEND BOTTOM LIP OF OVERFLOW SCUPPER 1" OUT AWAY FROM FACE OF BUILDING. INSTALL PER SMACNA STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
13. INSTALL NEW STEEL RING LADDER. SEE DETAIL
14. PROVIDE RUBBER WALKPADS UNDER EXISTING DOWNSPOUT OUTLET.
15. PROVIDE 4'x4' SUMP POCKET.





KEY PLAN

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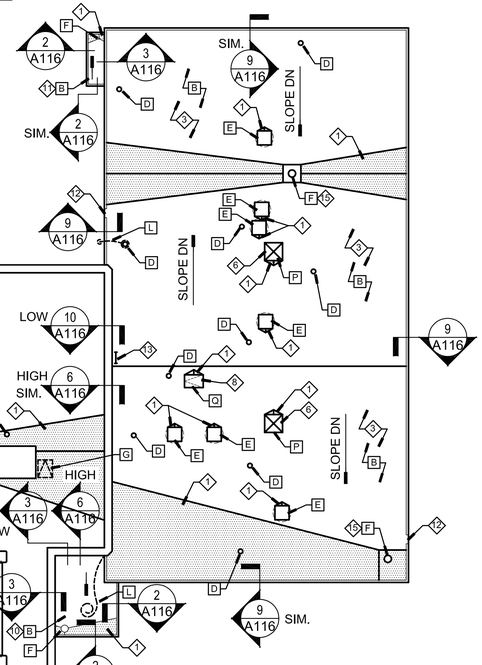

1 ROOF PLAN

SCALE: 1/16"=1'-0"

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501 SEVENTH STREET
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SHEET IDENTIFICATION

ROOF PLAN

PROJECT INFORMATION

Date	March 4, 2016
Rev. Date	
RLJA Proj	2015-049

SHEET NUMBER

A115
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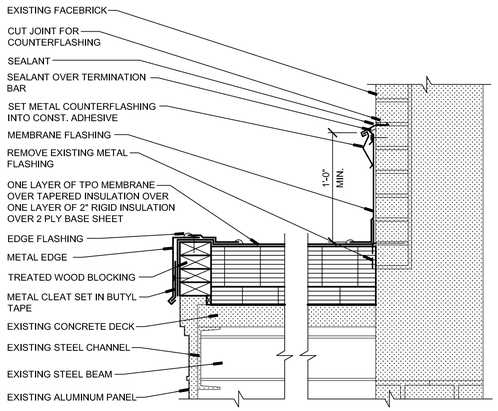
16

691



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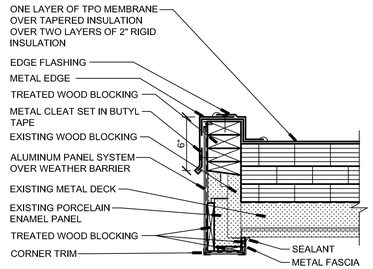

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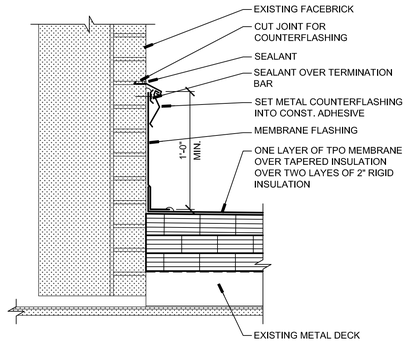

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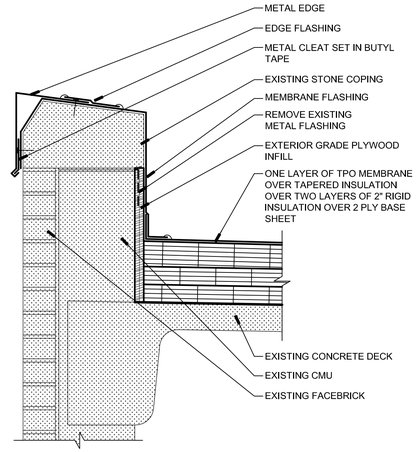

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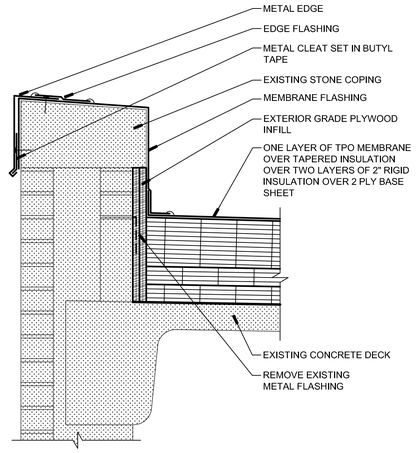

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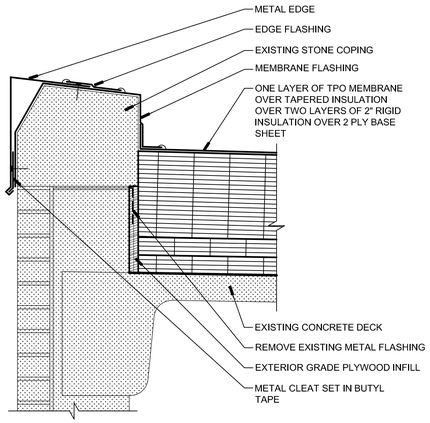

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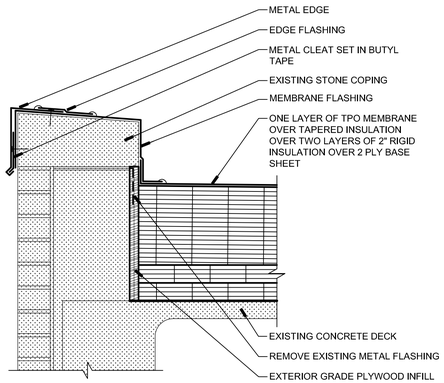

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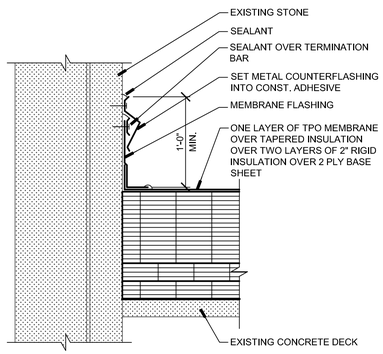

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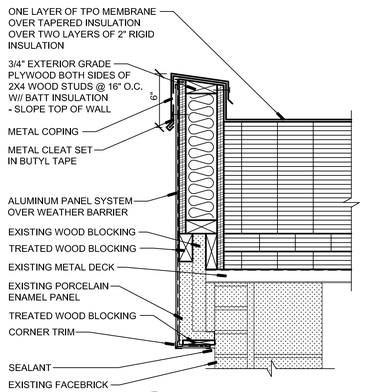

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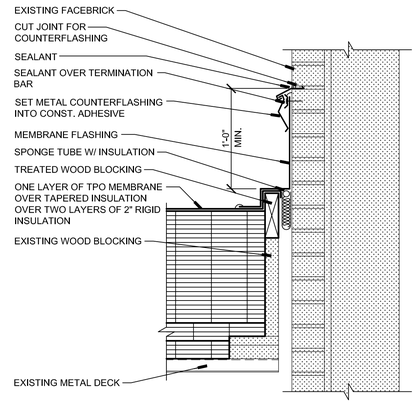

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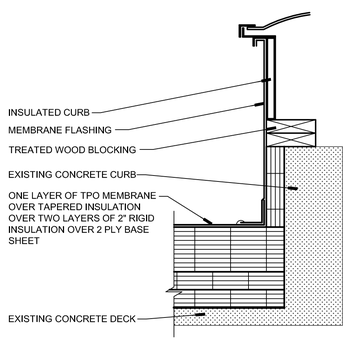

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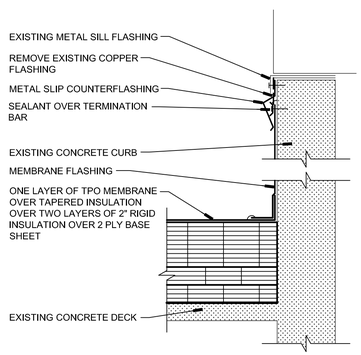

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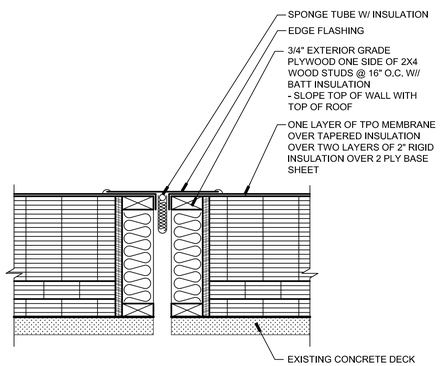

13 DETAIL
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