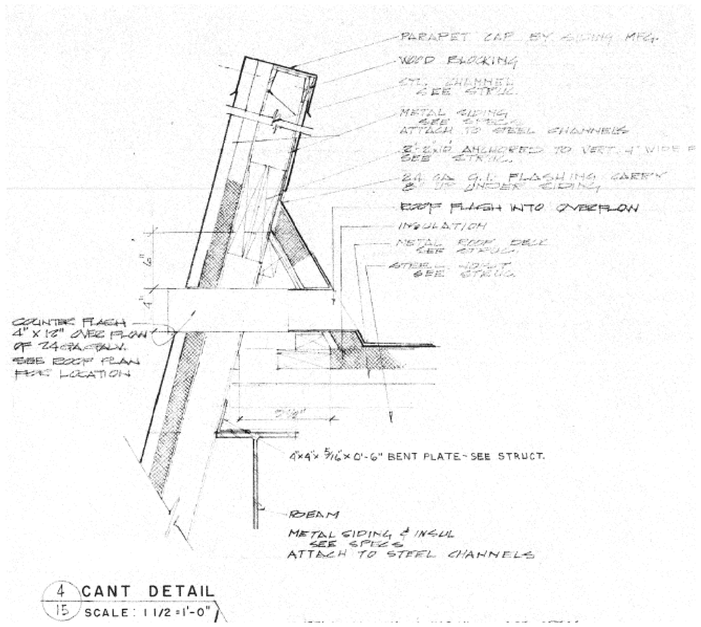
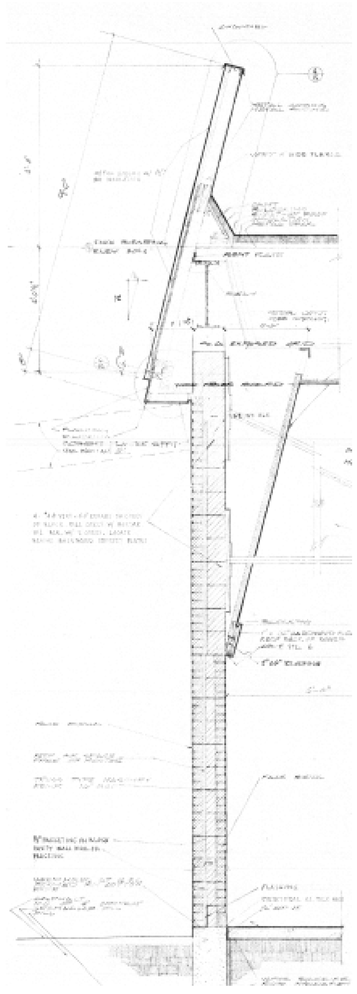


R1 EX. CANT DETAIL

NOT TO SCALE:

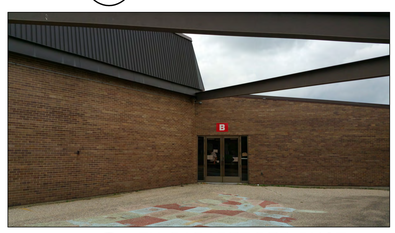


R2 EX. WALL SECTION INFO.

NOT TO SCALE:

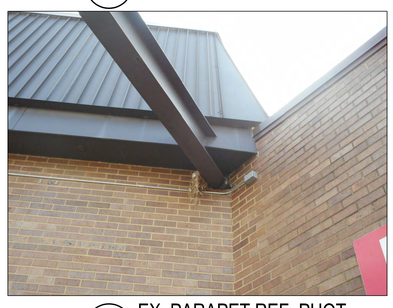
R3 EX. PARAPET REF. PHOT.

NOT TO SCALE:



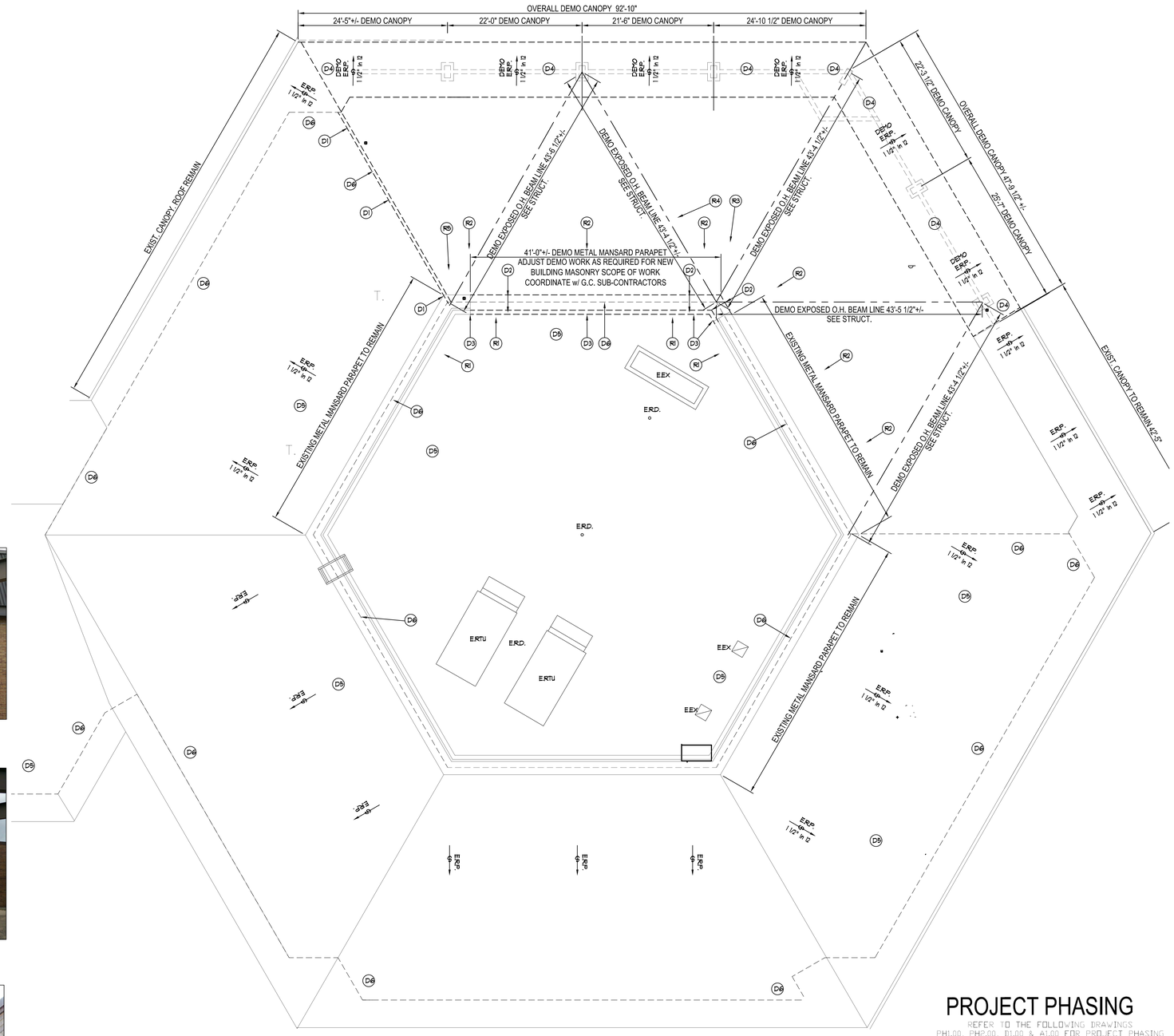
R4 EX. PARAPET REF. PHOT.

NOT TO SCALE:



R5 EX. PARAPET REF. PHOT.

NOT TO SCALE:



PROJECT PHASING

REFER TO THE FOLLOWING DRAWINGS
PH1.00, PH2.00, D1.00 & A1.00 FOR PROJECT PHASING REQUIREMENTS

GENERAL ROOFING DEMOLITION NOTES

1. REFER TO EXISTING ORIGINAL WALL SECTION & EXISTING CANT ROOFING DETAIL DRAWING ON THIS PAGE.
2. PRIOR TO ROOFING DEMOLITION, REPORT DISCREPENCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS TO THE ATCHITECT/ ENGINEER.
3. PRIOR TO ANY DEMOLITION OPERATION, PROTECT ADJACENT ROOFING AREAS SO AS TO MAINTAIN THE INTEGRITY OF THE ORIGINAL ROOFING SYSTEM.
4. PROTECT ADJACENT ROOFING SYSTEM SURFACES TO REMAIN. REPAIR DAMAGED SURFACES SCHEDULED TO REMAIN USING MATERIALS AND METHODS TO MATCH EXISTING ROOFING CONSTRUCTION.
5. REMOVE ALL INCIDENTAL ACCESSORIES THEREIN, INCLUDING BUT NOT LIMITED TO ELECTRICAL, MECHANICAL AND PLUMBING APPURTENANCES AND ALL CONDUIT, WIRING AND PIPING.
6. REMOVE CONDUIT, WIRING AND PIPING NOT SCHEDULED TO BE RE-ROUTED, TO NEAREST POINT CONCEALED BEHIND CONSTRUCTION TO REMAIN, AND CAP ENDS.
7. REMOVE ALLROOFING DEBRIS FROM SITE ON A DAILY BASIS AND DISPOSE OF LEGALLY.
8. DASHED LINES INDICATE MATERIAL TO BE REMOVED. REMOVE CONSTRUCTION UP TO DEFINED LIMITS. REFER TO SHEET KEYNOTES FOR SPECIFIC INFORMATION.
9. FOR DETAILED MECHANICAL DEMOLITION NOTES, REFER TO MECHANICAL DRAWINGS.
10. FOR DETAILED PLUMBING DEMOLITION NOTES, REFER TO PLUMBING DRAWINGS.
11. FOR DETAILED ELECTRICAL DEMOLITION NOTES, REFER TO ELECTRICAL DRAWINGS.

ROOF DEMOLITION KEY NOTES

THESE CEILING DEMOLITION KEY NOTES APPLY TO SHT. D1.30 ONLY

NOTE: RPS ROOFING MATERIAL & WARRANTY INFORMATION

a. ROOFING SYSTEM MANUFACTURE - VERSICO. INC.
b. MEMBRANE MATERIAL -TPO
c. INSTALLER - McDERMAID
d. WARRANTY NUMBER - 1041618
e. WARRANTY BEGINS -11/19/2008 to 11/19/2028
f. ENTIRE EXISTING CARLSON SCHOOL

(x) NOTE TYPICAL FOR THIS SHEETS ONLY

(D1) DEMO BOTH ORIGINAL COPING AND NEW REROOFING COPING ALONG ROOF EDGE LINE.

(D2) DEMO PERIMETER METAL MANSARD ROOFING FASCIA, METAL OVERHANG & SOFFIT RETURN

(D3) DEMO EXISTING BACKSIDE ROOFING CANT STRIP AS REQUIRED FOR NEW TPO TIE -IN AND NEW TPO ROOFING EXPANSION STRIP TO NEW GYMNASIUM ADDITION

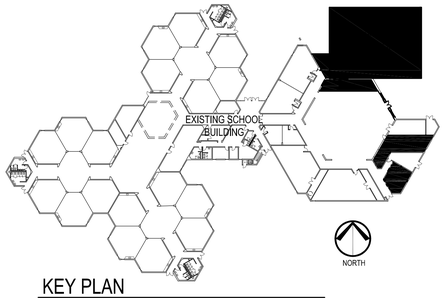
(D4) DEMO EXISTING CANOPY AS INDICATED BY DASHED LINES

(D5) REFER TO MEP DEMO & NEW MEP DWGS FOR ADDITIONAL ROOF TOP SCOPE OF WORK. COORDINATE w/ G.C. AND MEP SUB-CONTRACTORS

(D6) DOTTED LINES INDICATED EXISTING WALL LINE BELOW

ROOF DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

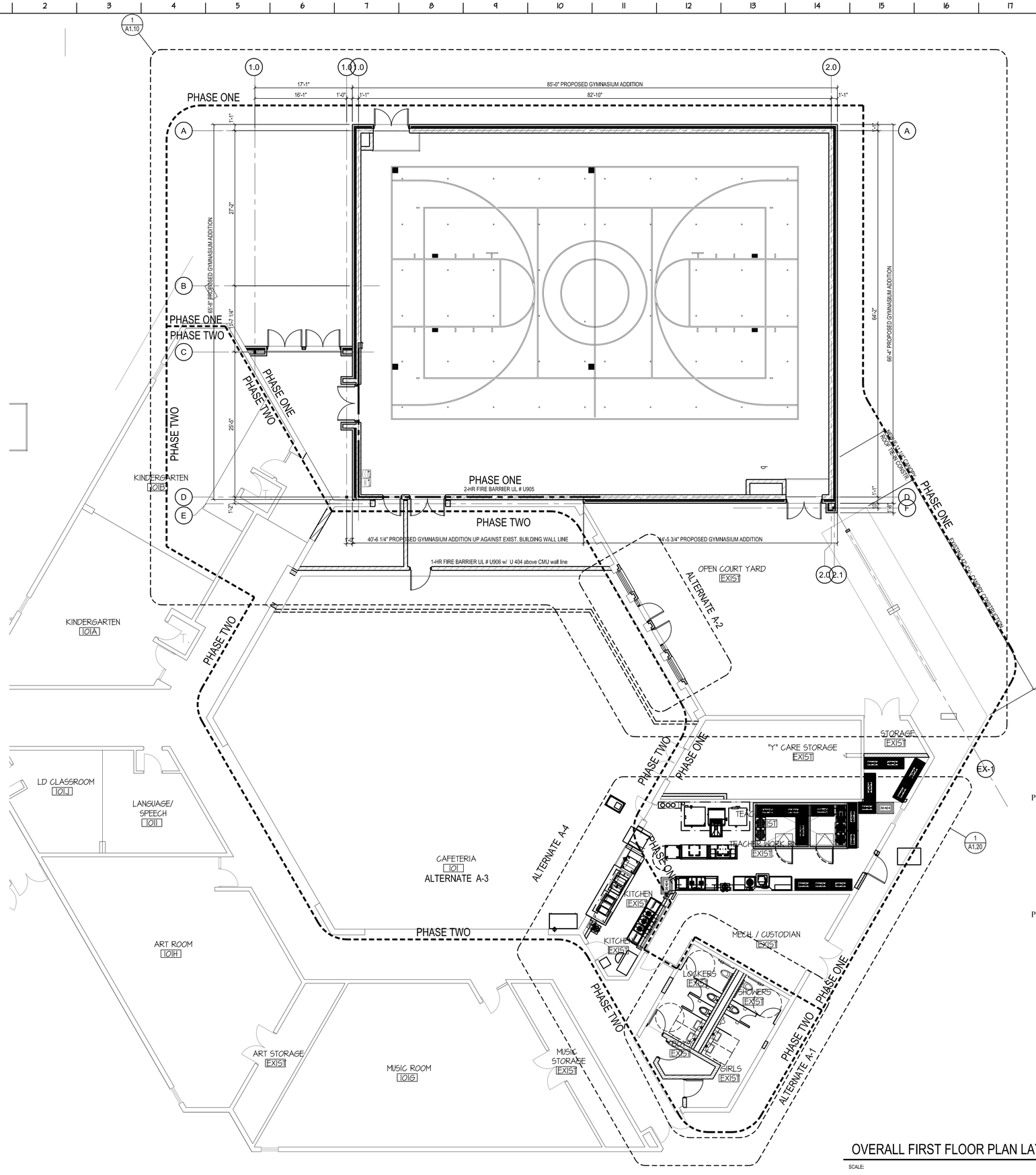
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
D1.30

HAGNEY JOB NO. C1824

FILE: E:\Autodesk\Dwg\C1824 Carlson School Gymnasium\CA\Current Drawings\CA\D\C1824_D1.30.dwg
PLOTTED: 4/6/2016 4:44 PM
(c 2014 Hagney Architects)



PHASE ONE Consisting of the following:

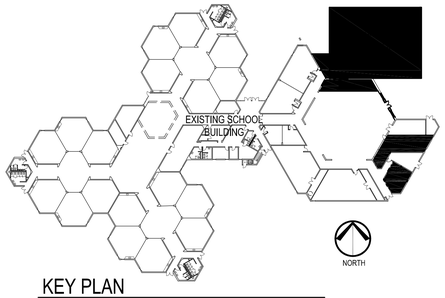
a) Gymnasium, all work associated with MEP to this area, including gas piping.
b) Common doorway wall opening between new and existing gymnasium. Provide temporary construction wall
c) Majority of new roof work from new and existing gymnasium common working area.
d) Alternate A2 Doors to open court yard. If accepted provide temporary construction wall
e) Expanded Kitchen work including grease separator (NOTE EXISTING KICTHEN PART OF PHASE TWO SUMMER OF 2018)
f) All new roof work and MEP work associated with Expanded Kitchen work including grease separator

PHASE TWO Consisting of the following:(Start END of School year 2018)

a) All MEP work above ceiling work in the original cafeteria serving new gym
b) Remaining of original kitchen area now being tied to new kitchen
c) Girls and Boys bathroom (Alternate A1) If Accepted
d) Cafeteria renovation scope of work
e) Connecting waste and service lines to the new gymnasium drinking fountain from kindergarten

OVERALL FIRST FLOOR PLAN LAYOUT

SCALE: 1/8" = 1'-0"



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

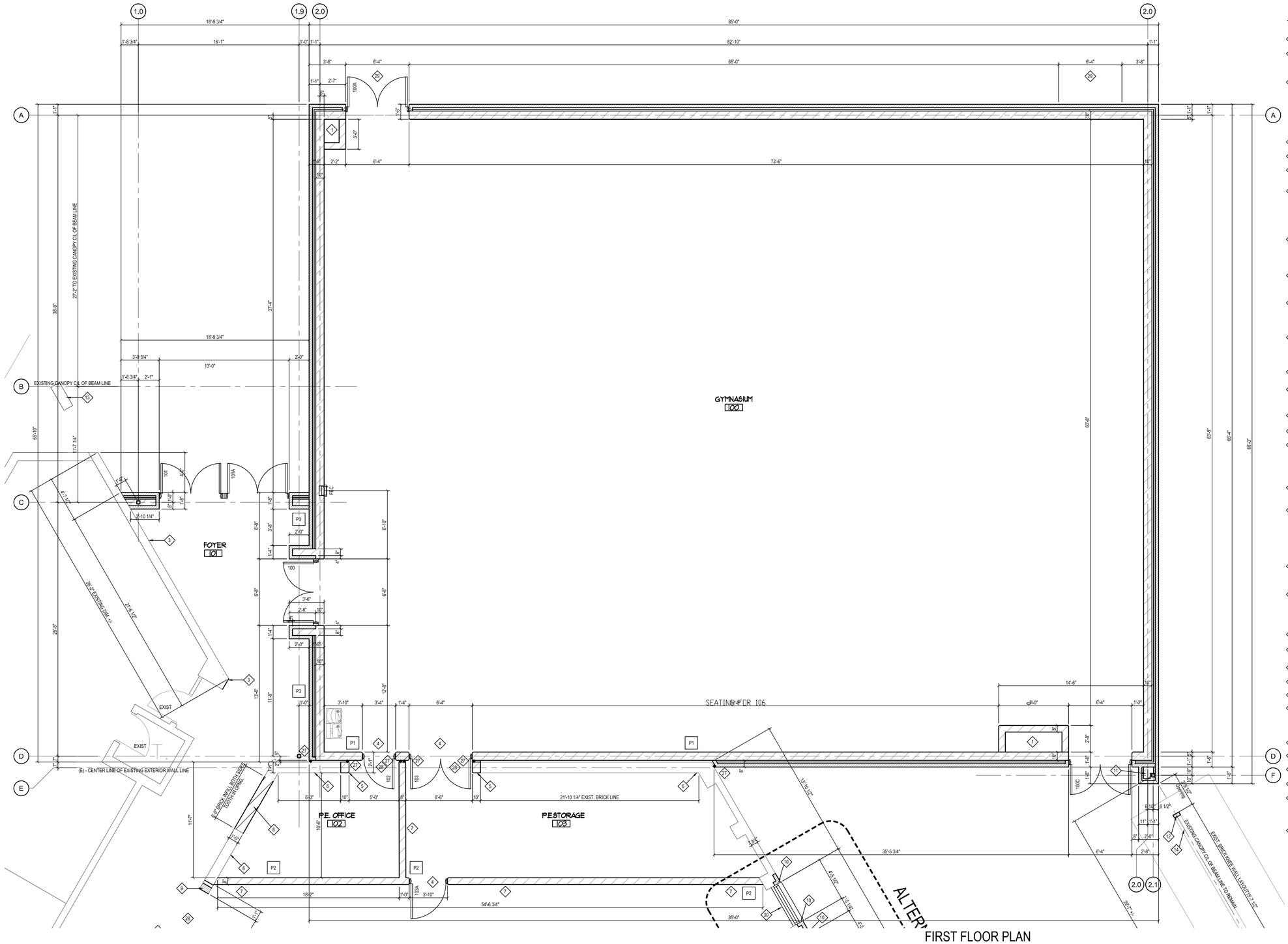
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO. A1.00

HAGNEY JOB NO. C1824

FILE: Z:\Academ\Dwg\C1824 Carlson School Gymnasium\Current Drawings\A\A\C1824_A1.00.dwg
PLOTTED: 4/6/2017 4:44:14 PM
(C) 2014 Hagney Architects)



THESE PLAN LAYOUT KEY NOTES APPLY TO SHEET A1.10 & A1.11

PLAN LAYOUT KEY NOTES

1. NOTE TYPICAL KEY NOTES
1. 8" CMU CHASE WALL LINE RUN TO ELEV. HT AT 12'-0" A.F.F. w/ CHASE CAP 6" 20GA. METAL STUDS FRAMING, PITCHED BACK 6" RUN 1/2" FIRE TREATED CAP & RETURNS WITH 5/8" GWB OVER. (REFER TO MEP & CIVIL DWGS.)
2. NOTE OMITTED FROM SCOPE OF WORK
3. EXIST. EXTER. 4" BRICK, 4" CMU CORE & 4" INTER FACE BRICK = 12" EXTERIOR WALL THICKNESS
4. CMU WALL OPENING SET AT 7'-4" A.F.F. FOR 7'-4" H.M. FRAME
5. 10" INTERIOR CMU WALL RETURN LINE RUN TO ELEV. @ 9'-4" AFF. SAW- TOOTH-IN TO MATCH NEW CMU COURSING TO EXIST. BRICK COURSING (GROUT SOLID SEE STRUCT.)
6. EXIST. EXTERIOR WALL LINE RUNS TO A HEIGHT OF 16'-8" A.F.F. EXIST. EXTER. 4" BRICK, 4" CMU CORE INFILL & 4" INTER FACE BRICK = 12" EXTERIOR WALL THICKNESS RUNS TO A HEIGHT OF 8'-0" ABOVE EXISTING FL. LINE EXIST. EXTER. 4" BRICK, 8" CMU INTER FACE = 12" EXTERIOR WALL THICKNESS RUNS TO A HEIGHT OF 16'-8" FROM 8'-0" ABOVE EXISTING FL. LINE (BEHIND VERT. ACOUST. SOFFIT)
7. 8" INTERIOR L.W. CMU WALL LINE RUNS TO ELEV. @ 9'-4" AFF. (SEE STRUCT FOR DIAGONAL CMU WALL BRACING.) FROM ELEV. 9'-4" RUN 6" MTL. STUDS AT 16" O.C. TO UNDERSIDE OF EXIST. 16'-0" ACOUST. CEIL. LINE. RUN 5/8" TYPE "X" GWB BOTH SIDES, PROVIDE MTL. STUD BRACING BACK TO EX. STRUCT.
8. FILL -IN EX. OPNG. w/ 4" BRICK, 4" CMU CORE INFILL & 4" BRICK = 12" INTERIOR WALL THICKNESS RUNS TO A HEIGHT OF 8'-0"+/- ABOVE EXISTING FL. LINE. SAW-TOOTH-IN NEW BRICK TO EXIST BRICK LINE A MIN. OF 8" ON ALL EXPOSED SIDES
9. NEW WALL LINE OPENING, RUN NEW LINTEL @ 8'-0" +/.- MATCH EXISTING LINTEL HT. FIELD VERIFY. (SEE STRUCT) SAW-TOOTH-IN BRICK RETURNS TO EXIST BRICK LINE A MIN. OF 8" ON ALL EXPOSED SIDES, REUSE EXIST. DEMO BRICK VENEER
10. FOR NEW WIN. AND DOORWAY OPNG. REWORK EXIST. BRICK WALL LINE AS REQUIRED FOR NEW LINTEL FOR LARGER R.O. REWORK & SAW TOOTH -IN BRICK RETURN BACK 12" TO FILL OVER EXIST. CMU WALL LINE, REUSE EXIST. DEMO BRICK VENEER
11. NEW BRICK VENEER PIER w/ 4" BRICK, 8" CMU CORE INFILL RUNS TO A HEIGHT OF 9'-4"+/- A.F.F.
12. FROM EXIST. DEMO WORK OF BRICK VENEER KNEE WALL w/ A HT. OF 36" A.F.F. REWORK & SAW TOOTH -IN BRICK RETURN END WALL SCOPE OF WORK. REUSE EXIST. DEMO BRICK VENEER
13. EXIST. BRICK VENEER PIER RUNS TO A HEIGHT OF 9'-4"+/- A.F.F.
14. SHORE-UP EXIST. CANOPY STL. BEAM SUPPORT FRAMING UNIT
15. 8" INTERIOR L.W. CMU WALL LINE RUNS TO ELEV. @ 9'-4" AFF. (NEW ACOUST. CEIL @ 9'-0") FROM ELEV. 9'-4" RUN 7" MTL. STUDS AT 16" O.C. TO UNDERSIDE OF EXIST. PITCHED ROOF DECK @ 12'-0" +/- HIGH SIDE. RUN 5/8" TYPE "X" GWB BOTH SIDES w/ R-19 BATT INSULATION PROVIDE FIRE STOPPING EITHER SIDE OF WALL LINE
16. FROM EXIST. CMU DEMO SCOPE OF WORK, PROVIDE SOAPED IN UNITS AT EXPOSED CMU WALL LINE, PATCH ADJACENT CMU WALL LINE AS REQUIRED
17. 6" INTERIOR CMU KITCHEN CHASE WALL LINE RUN TO ELEV. @ 9'-4" AFF. ADJUST & MATCH NEW CMU COURSING TO EXISTING CMU NOTE: AT "Y" CARE STOR. RM ONLY ADD THE FOLLOWING. FROM ELEV. 9'-4" RUN 4" MTL. 20 GA. GA STUDS AT 16" O.C. TO UNDERSIDE OF EXIST. PITCHED ACOUST. CEIL. LINE. RUN 5/8" TYPE "X" GWB FACE SIDES, PROVIDE MTL. STUD BRACING BACK TO EXIST. STRUCT.
18. EXIST. EXTERIOR WALL LINE RUNS TO A HEIGHT OF 10'-4" A.F.F. EXIST. EXTER. 4" BRICK, w/ 4" INTER FACE BRICK w/ 2" RIGID INSUL. THROUGH WALL BASE FLASHING = 10" EXTERIOR WALL THICKNESS
19. NEW EXTERIOR WALL LINE RUNS TO A HEIGHT OF 9'-4" A.F.F. PROVIDE 4" BRICK, 4" INTER CMU, 2 RIGID INSUL w/ THROUGH WALL BASE AND DR. HEAD DAM FLASHING = 10" EXTERIOR WALL THICKNESS. REUSE EXISTING BRICK VENEER w/ BRICK RETURNS AT NEW DR. WAY, SAW-TOOTH BACK INTO EXIST EXTERIOR WALL LINE.
20. NEW 5" CONCRETE SLAB INFILL, SLAB REINF. (SEE SPEC.) OVER VAPOR BARRIER SET ON 5" ENG FILL
21. 5" CONC. TURN DN. RECESS CONCRETE SLAB INFILL SET AT (-0'-8") BELOW KIT. SLAB. PROVIDE REINF. (SEE SPEC.) OVER VAPOR BARRIER SET ON 5" ENG FILL
22. EXIST. CONCRETE SLAB (SAW CUT)
23. EXIST. 8" CMU WALL LINE RUNS TO UNDERSIDE OF DECK
24. 6" OR 8" CMU WALL LINE RUN TO HT. OF 9'-4" A.F.F.
25. REMOVE, SAVE, CUT DN. AS REQUIRED & REINSTALL EXISTING BELOW COUNTER SCHOOL WALL PANEL "DEMO KITCHEN SERVING COUNTER TOP" REWORK EXISTING COUNTER SILL OPENING TO ALLOW FOR FIN. STAINLESS COUNTER HT. AT 2'-10" A.F.F. EXISTING BRICK VENEER KNEE WALL IS 8" IN WIDTH.
26. EXIST. 8" CMU WALL LINE RUNS FROM 8'-8" TO 12'-0" PITCH HARD GWB CEIL. ELEV.
27. BUILDING EXPANSION JOINTS (SEE DETAILS)
28. GRIND DOWN EXIST. CONC. FOUN. WALL LINE TO BE FLUSH TO ADJACENT SLAB. INFILL w/ CONCRETE PATCHING MATERIAL AS REQUIRED
29. TRANSLUCENT WALL PANEL SYSTEM ABOVE (SEE ELEV.)
30. RUN 4" OF INTERIOR BRICK VENEER TO THE UNDERSIDE OF NEW WIN. SILL. THIS WILL BACK UP TO THE EXIST. 4" CMU w/ 4" EXTER. BRICK (REUSE OR PROVIDE NEW BRICK) RUN PLY. WD. BLOCKING FOR 1/2" SIMULATED STONE SILL, 1" FRONT LIP w/ EASED EDGE PROFILE
31. **ALTERNATE A-1**. IF NOT ACCEPTED IN THE OVERALL SCOPE WORK. EXISTING MECH. WORK WILL BE REQUIRED FOR THIS AREA. (SEE Mech) WILL REQUIRE CMU INFILL UNITS ALONG w/ 5/8" PLASTER VENEER CEILING & WALL REPAIRS INCLUDING PAINTING IN BOTH RESTROOMS

FIRST FLOOR PLAN

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

GENERAL NOTES

1. SEE SPECIFICATIONS.
2. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
3. WORK SHALL BE DONE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODES, LAWS AND REGULATIONS.
4. COORD. WORK ON THIS SHEET WITH WORK ON CORRELATING AND ADJ. MEP/STRUCT/RCP/ FLOOR FINISH, EQUIP, ETC. SHEETS.
5. SEE G SERIES SHEETS FOR ABBREVIATIONS, DWG INDEX, CODE
6. ORIGINAL CONSTRUCTION DOCUMENTS EXIST AND ARE AVAILABLE FOR REVIEW.
7. COORDINATE ITEMS TO BE SALVAGED FOR THE OWNER (DOORS, HARDWARE, SIGNS, ETC.)
8. IF A CONFLICT ARISE BETWEEN THE DESIGN DOCUMENTS OR MANUFACTURER'S RECOMMENDATIONS, THE MORE STRINGENT WILL PREVAIL.

GENERAL MASONRY NOTES:

ALL MASONRY WALLS TO BE REINFORCED. JOINT REINFORCING @ EACH SECOND COURSE AND 1 COURSE ABOVE AND BELOW ALL OPENINGS. SEE STRUCT.

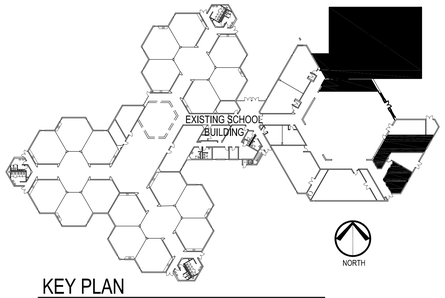
REFER TO WALL TYPES FOR MASONRY CMU REINFORCING AT EXTERIOR WALLS. ALSO REFER TO STRUCTURAL FOR DOWELS TO FLOOR SLABS.

ALL EXPOSED CMU CORNERS SHALL BE BULLNOSED.

ALL INTERIOR MASONRY EXPOSED EDGES, CASED OPENING AND DOORWAYS OPENING TO HAVE BULL NOSE RETURNS

PROJECT PHASING

REFER TO THE FOLLOWING DRAWINGS
PH1.00, PH2.00, D1.00 & A1.00 FOR PROJECT PHASING REQUIREMENTS



KEY PLAN

NOT TO SCALE

ISSUANCE		
NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St, Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

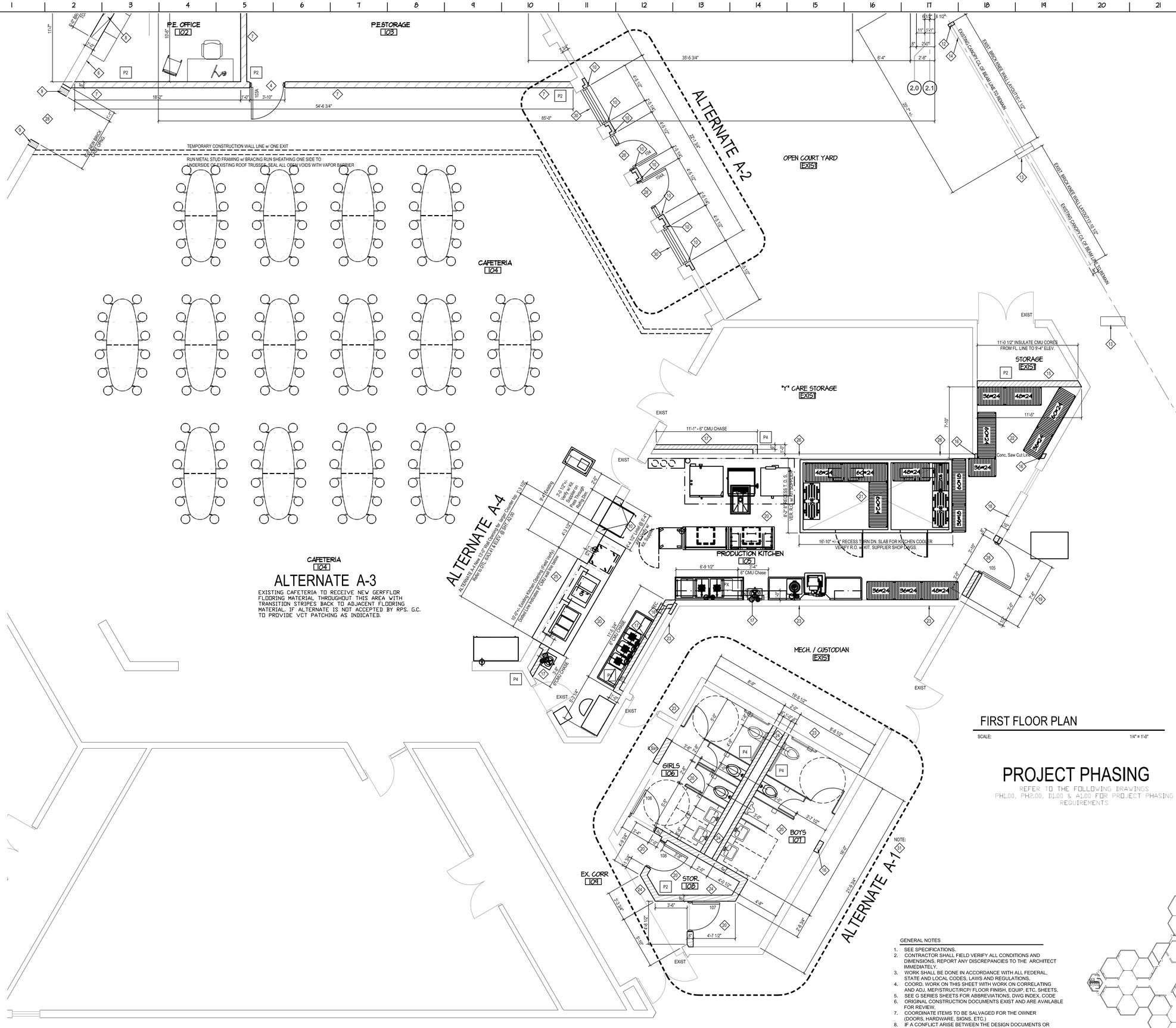
DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A1.10

HAGNEY JOB NO. C1824

FILE: Z:\Autodesk\Dwg\C1824 Carlson School Gymnasium\CA\Current Drawings\CA\A\C1824_A1.10.dwg
PLOTTED: 4/7/2017 9:44:44 PM
(C) 2014 Hagney Architects)



CAFETERIA
104

ALTERNATE A-3

EXISTING CAFETERIA TO RECEIVE NEW GERFFLOR FLOORING MATERIAL THROUGHOUT THIS AREA WITH TRANSITION STRIPES BACK TO ADJACENT FLOORING MATERIAL. IF ALTERNATE IS NOT ACCEPTED BY RPS. G.C. TO PROVIDE VCT PATCHING AS INDICATED.

THESE PLAN LAYOUT KEY NOTES APPLY TO SHEET A1.10 & A1.11

PLAN LAYOUT KEY NOTES

1. NOTE TYPICAL KEY NOTES
2. 8" CMU CHASE WALL LINE RUN TO ELEV. HT AT 12'-0" A.F.F. w/ CHASE CAP 6" 20GA. METAL STUDS FRAMING, PITCHED BACK 6" RUN 1/2" FIRE TREATED CAP & RETURNS WITH 5/8" GWB OVER. (REFER TO MEP & CIVIL DWGS.)
3. GYM ENTRANCE ALCOVE WALL LINE RUN TO ELEV. HT AT 11'- 4" A.F.F. w/ CHASE CAP 6" 20GA. METAL STUDS @ 24" O.C. FRAMING, PITCHED BACK 6" RUN 1/2" FIRE TREATED PLYWD. CAP & RETURNS w/ 5/8" GWB TYPE "X" APPLIED OVER & ALONG ALL 3 SIDES OF CAP. BELOW CAP ADD (2) HOUR CEILING ASSEMBLY BETWEEN BRICK ALCOVE FOYER / GYM PARTITION. USE 4 "I-STUDS" @ 24" O.C. w/ 1" FIRE SHIELD SHAFT LINER & (2) LAYERS 1/2" FIRE SHIELD GWB. (SEE ASSEMBLY ON SHT. A3.21 SECTIONS)
4. EXIST. EXTER. 4" BRICK, 4" CMU CORE & 4" INTER FACE BRICK = 12" EXTERIOR WALL THICKNESS
5. CMU WALL OPENING SET AT 7'-4" A.F.F. FOR 7'-4" H.M. FRAME
6. 10" INTERIOR CMU WALL RETURN LINE RUN TO ELEV. @ 9'-4" AFF. SAW- TOOTH-IN TO MATCH NEW CMU COURSING TO EXIST. BRICK COURSING (GROUT SOLID SEE STRUCT.)
7. EXIST. EXTERIOR WALL LINE RUNS TO A HEIGHT OF 16'-8" A.F.F. EXIST. EXTER. 4" BRICK, 4" CMU CORE INFILL & 4" INTER FACE BRICK = 12" EXTERIOR WALL THICKNESS RUNS TO A HEIGHT OF 8'-0" ABOVE EXISTING FL. LINE EXIST. EXTER. 4" BRICK, 8" CMU INTER FACE = 12" EXTERIOR WALL THICKNESS RUNS TO A HEIGHT OF 16'-8" FROM 8'-0" ABOVE EXISTING FL. LINE (BEHIND VERT. ACOUST. SOFFIT)
8. 8" INTERIOR L.W. CMU WALL LINE RUNS TO ELEV. @ 9'-4" AFF. (SEE STRUCT FOR DIAGONAL CMU WALL BRACING.) FROM ELEV. 9'-4" RUN 6" MTL. STUDS AT 16" O.C. TO UNDERSIDE OF EXIST. 16'-0" ACOUST. CEIL. LINE. RUN 5/8" TYPE "X" GWB BOTH SIDES, PROVIDE MTL. STUD BRACING BACK TO EX. STRUCT.
9. FILL -IN EX. OPNG. w/ 4" BRICK, 4" CMU CORE INFILL & 4" BRICK = 12" INTERIOR WALL THICKNESS RUNS TO A HEIGHT OF 8'-0"+/- ABOVE EXISTING FL. LINE. SAW-TOOTH-IN NEW BRICK TO EXIST BRICK LINE A MIN. OF 8" ON ALL EXPOSED SIDES
9. NEW WALL LINE OPENING, RUN NEW LINTEL @ 8'-0" +/.- MATCH EXISTING LINTEL HT. FIELD VERIFY. (SEE STRUCT) SAW-TOOTH-IN BRICK RETURNS TO EXIST BRICK LINE A MIN. OF 8" ON ALL EXPOSED SIDES, REUSE EXIST. DEMO BRICK VENEER
10. FOR NEW WIN. AND DOORWAY OPNG. REWORK EXIST. BRICK WALL LINE AS REQUIRED FOR NEW LINTEL FOR LARGER R.O. REWORK & SAW TOOTH -IN BRICK RETURN BACK 12" TO FILL OVER EXIST. CMU WALL LINE, REUSE EXIST. DEMO BRICK VENEER
11. NEW BRICK VENEER PIER w/ 4" BRICK, 8" CMU CORE INFILL RUNS TO A HEIGHT OF 9'-4"+/- A.F.F.
12. FROM EXIST. DEMO WORK OF BRICK VENEER KNEE WALL w/ A HT. OF 36" A.F.F. REWORK & SAW TOOTH -IN BRICK RETURN END WALL SCOPE OF WORK. REUSE EXIST. DEMO BRICK VENEER
13. EXIST. BRICK VENEER PIER RUNS TO A HEIGHT OF 9'-4"+/- A.F.F.
14. SHORE-UP EXIST. CANOPY STL. BEAM SUPPORT FRAMING UNIT
15. 8" INTERIOR L.W. CMU WALL LINE RUNS TO ELEV. @ 9'-4" AFF. (NEW ACOUST. CEIL @ 9'-0") FROM ELEV. 9'-4" RUN 7" MTL. STUDS AT 16" O.C. TO UNDERSIDE OF EXIST. PITCHED ROOF DECK @ 12'-0" +/- HIGH SIDE. RUN 5/8" TYPE "X" GWB BOTH SIDES w/ R-19 BATT INSULATION PROVIDE FIRE STOPPING EITHER SIDE OF WALL LINE
16. FROM EXIST. CMU DEMO SCOPE OF WORK. PROVIDE SOAPED IN UNITS AT EXPOSED CMU WALL LINE, PATCH ADJACENT CMU WALL LINE AS REQUIRED
17. 6" INTERIOR CMU KITCHEN CHASE WALL LINE RUN TO ELEV. @ 9'-4" AFF. ADJUST & MATCH NEW CMU COURSING TO EXISTING CMU NOTE: AT "Y" CARE STOR. RM ONLY ADD THE FOLLOWING. FROM ELEV. 9'-4" RUN 4" MTL. 20 GA. GA STUDS AT 16" O.C. TO UNDERSIDE OF EXIST. PITCHED ACOUST. CEIL. LINE. RUN 5/8" TYPE "X" GWB FACE SIDES, PROVIDE MTL. STUD BRACING BACK TO EXIST. STRUCT.
18. EXIST. EXTERIOR WALL LINE RUNS TO A HEIGHT OF 10'-4" A.F.F. EXIST. EXTER. 4" BRICK, w/ 4" INTER FACE BRICK w/ 2" RIGID INSUL. THROUGH WALL BASE FLASHING = 10" EXTERIOR WALL THICKNESS
19. NEW EXTERIOR WALL LINE RUNS TO A HEIGHT OF 9'-4" A.F.F. PROVIDE 4" BRICK, 4" INTER CMU, 2 RIGID INSUL. w/ THROUGH WALL BASE AND DR. HEAD DAM FLASHING = 10" EXTERIOR WALL THICKNESS, REUSE EXISTING BRICK VENEER w/ BRICK RETURNS AT NEW DR. WAY, SAW-TOOTH BACK INTO EXIST EXTERIOR WALL LINE.
20. NEW 5" CONCRETE SLAB INFILL, SLAB REINF. (SEE SPEC.) OVER VAPOR BARRIER SET ON 5" ENG FILL
21. 5" CONC. TURN DN. RECESS CONCRETE SLAB INFILL SET AT (-0'-8") BELOW KIT. SLAB, PROVIDE REINF. (SEE SPEC.) OVER VAPOR BARRIER SET ON 5" ENG FILL
22. EXIST. CONCRETE SLAB (SAW CUT)
23. EXIST. 8" CMU WALL LINE RUNS TO UNDERSIDE OF DECK
24. 6" OR 8" CMU WALL LINE RUN TO HT. OF 9'-4" A.F.F.
25. REMOVE, SAVE, CUT DN. AS REQUIRED & REINSTALL EXISTING BELOW COUNTER SCHOOL WALL PANEL "DEMO KITCHEN SERVING COUNTER TOP" REWORK EXISTING COUNTER SILL OPENING TO ALLOW FOR FIN. STAINLESS COUNTER HT. AT 2'-10" A.F.F. EXISTING BRICK VENEER KNEE WALL IS 8" IN WIDTH.
26. EXIST. 8" CMU WALL LINE RUNS FROM 8'-8" TO 12'-0" PITCH HARD GWB CEIL. ELEV.
27. BUILDING EXPANSION JOINTS (SEE DETAILS)
28. GRIND DOWN EXIST. CONC. FOUN. WALL LINE TO BE FLUSH TO ADJACENT SLAB. INFILL w/ CONCRETE PATCHING MATERIAL AS REQUIRED
29. TRANSLUCENT WALL PANEL SYSTEM ABOVE (SEE ELEV.)
30. RUN 4" OF INTERIOR BRICK VENEER TO THE UNDERSIDE OF NEW WIN. SILL, THIS WILL BACK UP TO THE EXIST. 4" CMU w/ 4" EXTER. BRICK. (REUSE OR PROVIDE NEW BRICK) RUN PLY. WD. BLOCKING FOR 1/2" SIMULATED STONE SILL, 1" FRONT LIP w/ EASED EDGE PROFILE
31. **ALTERNATE A-1** IF NOT ACCEPTED IN THE OVERALL SCOPE WORK. EXISTING MECH. WORK WILL BE REQUIRED FOR THIS AREA. (SEE Mech) WILL REQUIRE CMU INFILL UNITS ALONG w/ 5/8" PLASTER VENEER CEILING & WALL REPAIRS INCLUDING PAINTING IN BOTH RESTROOMS

FIRST FLOOR PLAN

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

PROJECT PHASING

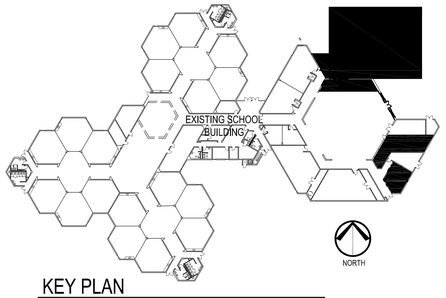
REFER TO THE FOLLOWING DRAWINGS
PH1.00, PH2.00, D1.00 & A1.00 FOR PROJECT PHASING REQUIREMENTS

GENERAL NOTES

1. SEE SPECIFICATIONS.
2. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
3. WORK SHALL BE DONE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODES, LAWS AND REGULATIONS.
4. COORD. WORK ON THIS SHEET WITH WORK ON CORRELATING AND ADJ. MEP/STRUCT/RCP/ FLOOR FINISH, EQUIP, ETC. SHEETS.
5. SEE G SERIES SHEETS FOR ABBREVIATIONS, DWG INDEX, CODE
6. ORIGINAL CONSTRUCTION DOCUMENTS EXIST AND ARE AVAILABLE FOR REVIEW.
7. COORDINATE ITEMS TO BE SALVAGED FOR THE OWNER (DOORS, HARDWARE, SIGNS, ETC.)
8. IF A CONFLICT ARISE BETWEEN THE DESIGN DOCUMENTS OR MANUFACTURER'S RECOMMENDATIONS, THE MORE STRINGENT WILL PREVAIL.

GENERAL MASONRY NOTES:

1 ALL MASONRY WALLS TO BE REINFORCED. JOINT REINFORCING @ EACH SECOND COURSE AND 1 COURSE ABOVE AND BELOW ALL OPENINGS. SEE S



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

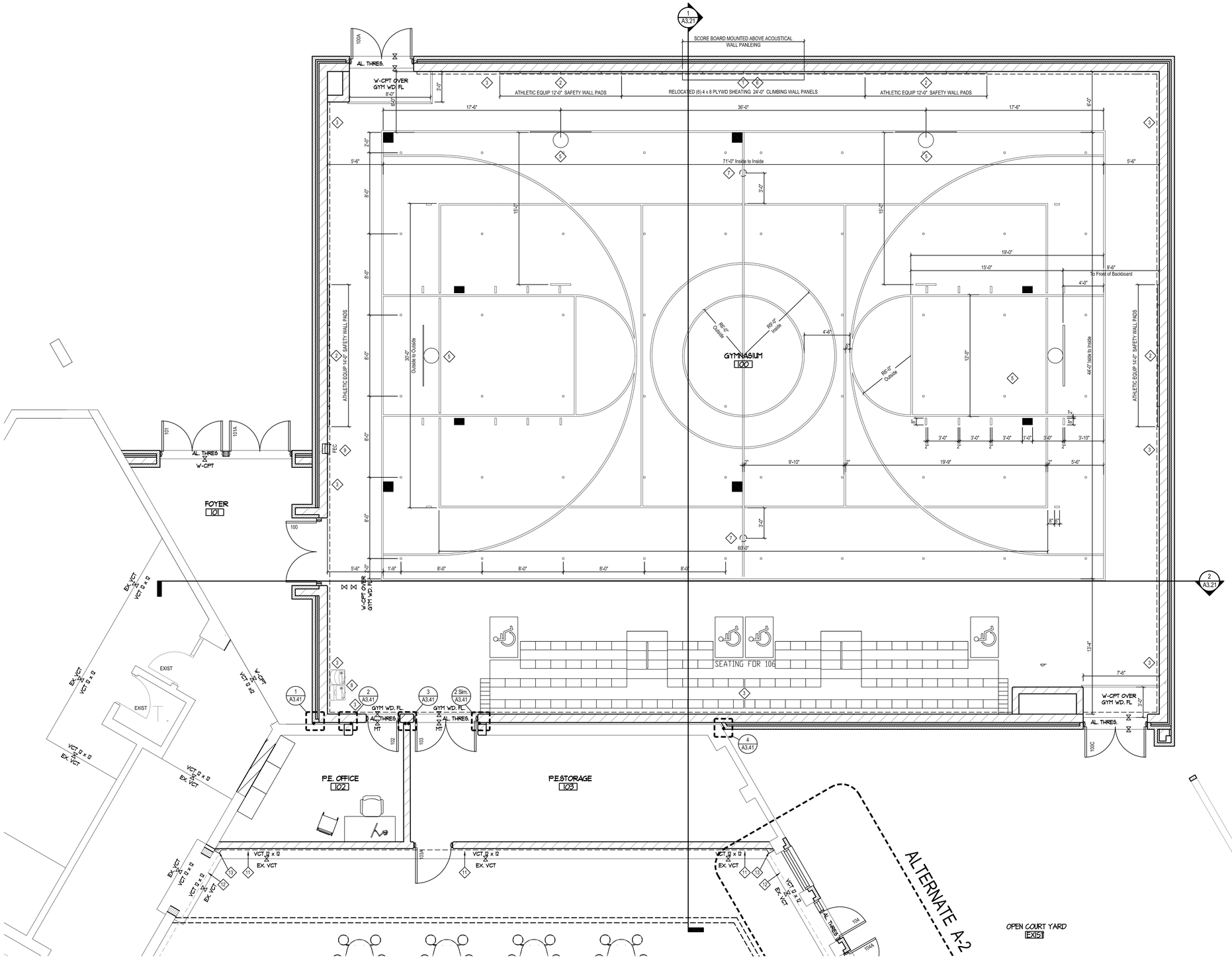
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A1.11

HAGNEY JOB NO. C1824

FILE: E:\Autodesk\Dwg\C1824 Carlson School Signoulem\C\Current Drawings\CAN\C1824_A11.dwg
PLOTTED: 4/6/2016 4:44 PM
(C-2014 Hagney Architects)



FIRST FLOOR NOMENCLATURE PLAN

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

THESE PLAN LAYOUT KEY NOTES APPLY TO SHEET A1.12 & A1.13

PLAN LAYOUT KEY NOTES

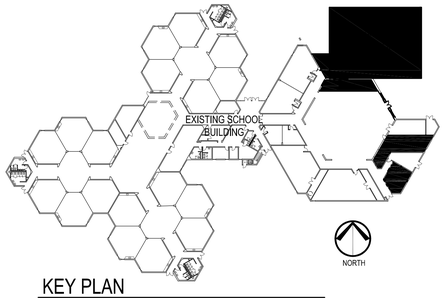
0. NOTE TYPICAL KEY NOTES
1. RELOCATED EXISTING 4 x 8 PLY. WD. CLIMBING WALL PANEL UNITS, PROVIDE EXPLAINABLE MASONRY WALL ANCHORS @ 12 " O.C. AROUND THE PERIMETER EDGE OF PLYWD. PANELS w/ 2 x 4 WD.BLOCKING BEHIND PANEL FACES
2. LOWER WALL PADDING 2" THICK X 7' HIGH, "CLASS A" RATING MOUNT. HOLD PANELS 12" OFF FLOOR LINE
3. DOTTED LINE INDICATES ACOUSTICAL WALL PANELS - 2" THICK X 4' HIGH, OVER 1 1/2" FURRING STRIPS AT 24" O.C. w/ R8 CONTINUOUS NOISE BARRIER BATTING EQUAL TO "TECTUM C-40." PANELS STARTING POINT TO BE AT 14'-0" A.F.F.
4. WALL MOUNTED FREE STANDING BLEACHER SEATING SYSTEM (REFER TO SPECIFICATION)
5. BASKETBALL BACKSTOP
   FRONT BRACED/FRONT FOLD (OVERHEAD SUPPORTED)ALUM FRAME/GLASS BACKBOARD, PADDING, BREAK-AWAY-GOAL, ELEC HEIGHT , ADJUSTER, SAFETY STOP AND ELEC MOTOR/ ELECTRONIC CONTROL
6. SCORE BOARD
   WALL MOUNTED. SET UNIT AT 14'-0" A.F.F. (VERIFY FINAL MOUNTING HEIGHT w/ RPS
7. VOLLEYBALL SYSTEM
   FLOOR MOUNTED, WITH FLOOR SLEEVES/ COVER (SEE SHT. XX.XX), PADS, NET, NET ANTENNA AND ALUMINUM UPRIGHTS (QTY 1).
8. HIGH -LOW DRINKING FOUNTAIN
9. SEMI RECESS FIRE EXTINGUISHER CABINET, MOUNT AT 44" A.F.F. LINE TO CENTER OF CABINET HANDLE
10. 9'-0" HIGH WIRE MESH SECURITY GATES w/ (2) 36" x 84" DOOR UNITS, FIXED PANEL ABOVE AND w/ EQUAL SIDE PANELS TO 9'-0" HIGH ELEV.
11. DOTTED LINE INDICATES ACOUSTICAL WALL PANELS - 2" THICK X 8' HIGH, OVER 1 1/2" FURRING STRIPS AT 24" O.C. w/ R8 CONTINUOUS NOISE BARRIER BATTING EQUAL TO "TECTUM C-40."
    RUN 1 x12 BTM. HARDWOOD TRIM BOARD (STAIN TO MATCH EXIST) w/ 2 x 6 SOLID WD. BLK. BEHIND TRIM BOARD. DETAIL TO MATCH EXISTING BASE BOARD TRIM OF EX. ACOUST PANEL.
    (SEE REFER PHOT #1 ON SHT. A1.13)
    PANELS STARTING POINT TO BE AT 8'-0" +/- A.F.F.
    MATCH EXISTING VERTICAL PITCHED WALL ACOUSTICAL PANEL ELEV.
12. EXISTING VERTICAL PITCHED WALL ACOUSTICAL PANEL ELEV. TIE BACK INTO NEW PANELS
13. CUT, REWORK & RE-ANCHOR EXISTING VERTICAL PITCHED ACOUSTICAL WALL PANEL SECTION, TO ALLOW FOR NEW VERTICAL ACOUST. SECTION TO ALIGN ALONG THE INSIDE UPPER WALL CORNER w/ EXISTING ACOUST. PANEL

GYMNASIUM EQUIPMENT NOTES

1. SEE SPECIFICATIONS.
2. GC SHALL VERIFY ALL QUANTITIES AND LOCATIONS, DESIGNATIONS
3. SUBMIT PAINT COLORS TO ARCH FOR FINAL APPROVAL, COORDINATE LOCATION OF GYM STRIPPING WITH LOCATIONS OF GYMNASIUM EQUIPMENT
4. ALL STRIPPING TO BE PAINT-TO-PAINT, NO GAPS
5. COURT LINE HIERARCHY: 1-BASKETBALL COURT
   2-VOLLEYBALL COURT
6. SEE CORRESPONDING BUILDING SECTIONS, INTERIOR ELEVATIONS AND MEP DRAWINGS FOR COORDINATION OF ITEMS INCLUDING, BUT NOT LIMITED TO: STRUCTURE, DUCTWORK, RECESSED FLOOR OUTLETS, LIGHT FIXTURE LAYOUT.

PROJECT PHASING

REFER TO THE FOLLOWING DRAWINGS
PH1.00, PH2.00, D1.00 & A1.00 FOR PROJECT PHASING REQUIREMENTS



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

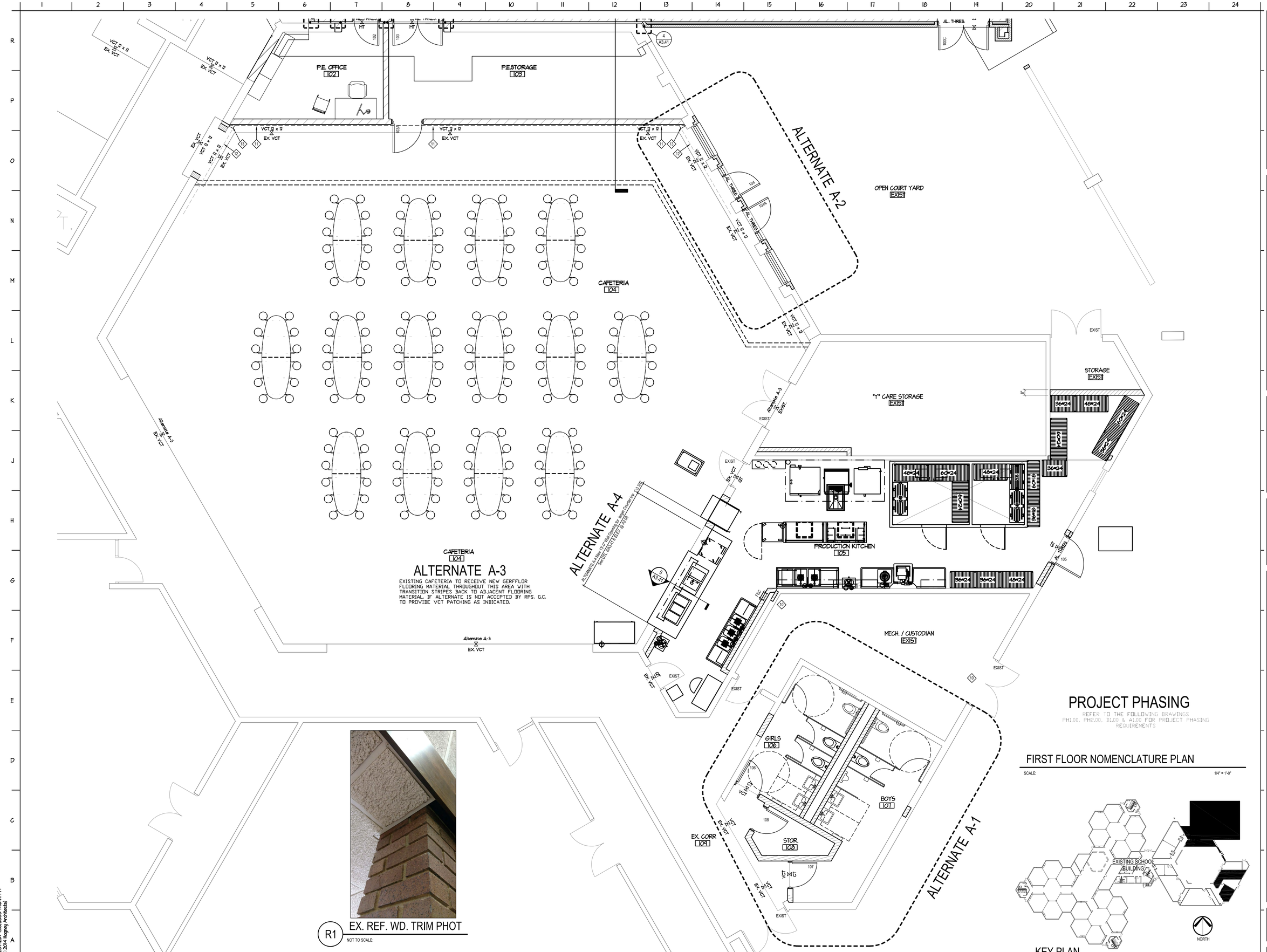
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO. A1.12

HAGNEY JOB NO. C1824

FILE: E:\Kristen\Dwg\C1824 Carlson School Gymnasium\CA\Current Drawings\CA\A\C1824_A1.12.dwg
PLOTTED: 4/6/2016 4:44 PM
(c 2014 Hagney Architects)



NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

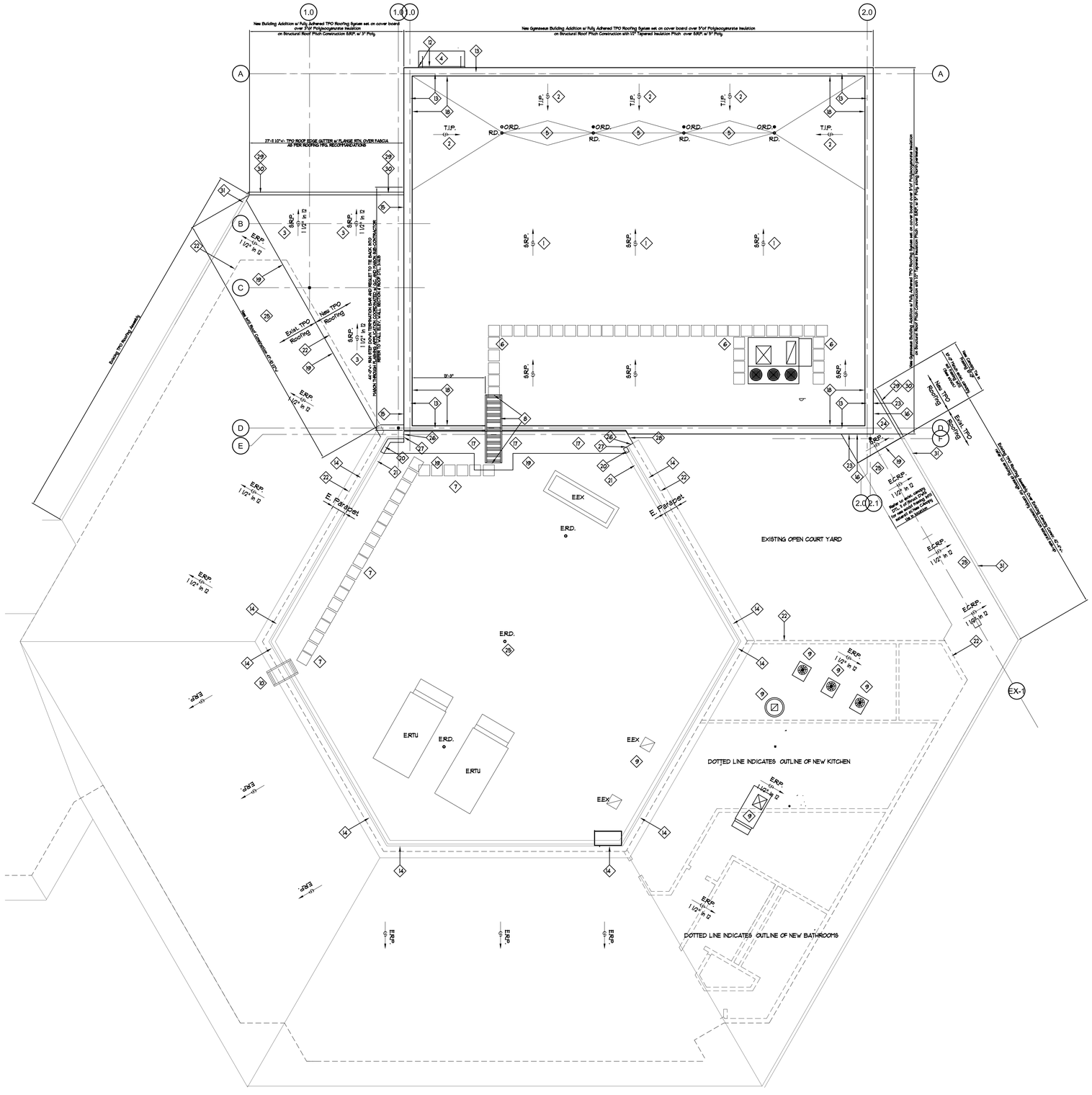
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A1.13

HAGNEY JOB NO. C1824

FILE: Z:\Vaddio\Dwg\C1824 Carlson School Gymnasium\Current Drawings\CAD\C1824_A1.13.dwg
PLOTTED: 4/6/2017 3:46:14 PM
(1:2014 Hagney Architects)



GENERAL ROOFING NOTES

DURING THE BIDDING PERIOD, EACH BIDDING CONTRACTOR SHALL VISIT THE SITE AND FACILITY TO DETERMINE THE EXISTING CONDITIONS INVOLVED IN AND EXECUTED BY THE WORK INDICATED BY ALL CONTRACT DOCUMENTS. CONTRACTOR'S FAILURE TO REASONABLY DETERMINE AND/OR ANTICIPATE THE EFFECT OF EXISTING CONDITIONS AND THE WORK INVOLVED THEREBY SHALL NOT BE JUSTIFICATION FOR ADDITIONAL COMPENSATION. REPORT ANY DISCREPANCIES TO THE ARCHITECT.

NOTE: RPS ROOFING MATERIAL & WARRANTY INFORMATION

a. ROOFING SYSTEM MANUFACTURE - VERSICO. INC.
b. MEMBRANE MATERIAL -TPO
c. INSTALLER - McDERMAID
d. WARRANTY NUMBER - 1041618
e. WARRANTY BEGINS -11/19/2008 to 11/19/2028
f. ENTIRE EXISTING CARLSON SCHOOL

1 VERIFY CONDITION OF ROOF, LOCATION OF ALL NEW & EXIST. EQUIPEMENT FIXTURES, PIPING AND OTHER ITEMS ON THE ROOF, PRIOR TO DEMOLITION OR REMOVAL ACTIVITIES. REPORT DESCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS, TO THE ARCHITEC. VERIFY DIMENSIONS.

2 RE-USE EXISTING WOOD BLOCKING WHERE IT IS FOUND TO BE IN GOOD CONDITION. REPLACE ALL DETERIORATED WOOD BLOCKING WHETHER OR NOT INDICATED.

3 WHEN TYING NEW ROOFING INTO EXISTING ROOFING AREAS UNDER WARRANTY, ASCERTAIN WARRATY REQUIREMENTS AND PERFORM WORK IN ACCORDANCE WITH THOSE REQUIREMENTS.

4 PROTECT EXISTING ROOFING AREAS SCHEDULED TO REMAIN. REPAIR DAMAGE TO EXISTING AREAS, CREATED BY CONSTRUCTION OPERATION, AT NO COST TO THE PROJECT. REPAIRS FOR ROOF AREAS WHICH ARE UNDER EXISTING WARRANTY IN ACCORDANCE WITH WARRANTY TERMS.

5 PROTECT EXISTING EQUIPMENT, PIPING, CONDUIT AND OTHER ITEMS SCHEDULED TO REMAIN IN PLACE.

6 CAREFULLY REMOVE ITEMS SCHEDULED FOR REINSTALLATION. PROTECT AND STORE FOR FUTURE INSTALLATION.

7 ROOFING CONTRACTOR SHALL COORDINATE ALL ROOF PENETRATIONS WITH MECHANICAL, PLUMBING, AND ELECTRICAL CONTRACTORS. ALL GAS PIPING, DUCTWORK MODIFFICATION, ETC. SHALL BE PERFORMED BY CONTRACTORS REGULARLY INVOLVED WITH THAT TRADES WORK.

8 COORDINATE ROOF PENETRATIONS WITH MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS. PROVIDE CURBS FOR ALL REQUIRED OPENINGS. COORDINATE SIZE, QUANTITY, AND LOCATION.

9 REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DOCUMENTS FOR QUANTITIES, TYPES, AND LOCATIONS FOR ALL ROOF MOUNTED EQUIPMENT, PENETRATIONS, AND PIPING. PROVIDE FLASHING/SUPPORTS IN ACCORDANCE WITH TYPICAL DETAILS.

10 PROVIDE ROOF CURBS FOR ALL EQUIPMENT SCHEDULED TO BE ON THE ROOF. COORDINATE SIZE AND LOCATION.

11 DIMENSIONS AND LOCATIONS OF EQUIPMENT ON THE ROOF ARE APPROXIMATE. DO NOT SCALE THE DRAWINGS.

12 ALL ROOF SADDLES SHALL HAVE A MINIMUM OF 1/2" PER FOOT SLOPE. PROVIDE CRICKETS AT ALL ROOF TOP EQUIPMENT TO ALLOW FOR UNIMPEDED WATER FLOW.

13 TAPERED INSULATION SHALL HAVE A MINIMUM OF 1/4" PER FOOT SLOPE. PROVIDE TAPERED INSULATION AS REQUIRED TO ACHIEVE 1/4" PER FOOT MINIMUM SLOPE. COORDINATE WITH STRUCTURAL DRAWINGS.

14 DIMENSIONS AND LOCATIONS OF EQUIPMENT ON THE ROOF ARE APPROXIMATE. DO NOT SCALE THE DOCUMENTS.

15 PROVIDE PIPE SUPPORTS AT HORIZONTAL PIPING ACROSS ROOF MEMBRANE PER ROOF MANUFACTURER'S RECOMENDATIONS. REFER TO TYP. ROOF DETAILS (A1.3.2)

16 SEE SHEET A1.3.2 FOR TYPICAL ROOFING DETAILS, REFER TO ARCH WALL DTL'S

17 FOR INSULATION AND ROOFING ASSEBLY DESCRIPTIONS, SEE SPECIFICATIONS

ROOF PLAN LEDGER	
R.D.	ROOF DRAIN
O.R.D.	OVERFLOW ROOF DRAIN TIED TO SHEEP TONGUE
T.I.P.	TAPERED INSULATION PITCH
S.R.P.	STRUCT. ROOF PITCH
E.R.P.	EXISTING ROOF PITCH
E.C.R.P.	EXISTING CANOPY ROOF PITCH
S.C.R.P.	STRUCTURAL CANOPY ROOF PITCH
E.Parapet	EXIST. PARAPET

ROOFING PLAN KEY NOTES

THESE PLAN KEY NOTES APPLY TO THIS SHEET ONLY

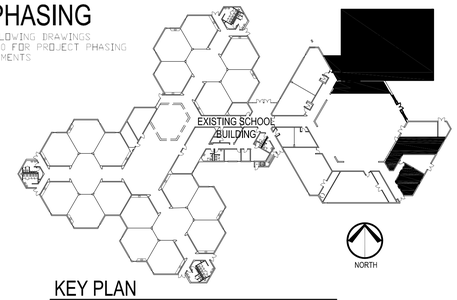
1. FULLY ADHERED TPO ROOFING OVER 5/8" COVERED BOARD SET OVER 5" BASE LAYER OF POLYISOCYANURATE INSULATION (STAGGERED JOINTS) OVER METAL DECKING SET ON S.R.P. ROOF TRUSSES (REFER TO WALL SECTIONS)
2. FULLY ADHERED TPO ROOFING OVER 5/8" COVERED BOARD SET OVER 1/2" TAPERED POLY. ON TOP OF 5" BASE LAYER OF POLYISOCYANURATE INSULATION (STAGGERED JOINTS) OVER METAL DECKING SET ON S.R.P. ROOF TRUSSES (REFER TO WALL SECTIONS)
3. FOR BIDDING PURPOSE PROVIDE FULLY ADHERED TPO ROOFING OVER 5/8" COVERED BOARD SET OVER 3" BASE LAYER OF POLYISOCYANURATE INSULATION (STAGGERED JOINTS) OVER METAL DECKING SET ON S.R.P. ROOF BEAMS (REFER TO WALL SECTIONS) NOTE: WE ARE MATCHING EXISTING ADJACENT ROOFING INSULATION DEPTH, (F.V. AND ADJUST AS REQUIRED)
4. METAL CANOPY SYSTEM
5. FULLY ADHERED TPO ROOF CRICKET FOR THIS AREA
6. TPO ROOF WALKWAY PADS
7. TPO ROOF WALKWAY PADS OVER EXISTING ROOFING MATERIAL
8. NEW SHIP LADDER ACCESS POINT FROM EXISTING ROOF LINE, REWORK ROOFING AS REQUIRED FOR ANCHORING POINTS TO NEW & EXIST. TPO ROOFING MATERIAL
9. REFER TO MEP DRAWINGS FOR NEW ROOF TOP EQUIPMENT OPENING, THESE AREAS WILL REQUIRE NEW ROOFING TIE- IN POINTS
10. EXISTING ROOF LADDER ACCESS POINT
11.
12. METAL FLASHING w/ EDGE LAP RETURNS AT WALL LINE TO CANOPY SUPPORTS
13. NEW COPING
14. EXISTING BUILDING MANSARD PARAPET SYSTEM
15. RUN FULLY ADHERED TPO ROOFING MATERIAL UP A MIN. OF 8" ABOVE THE HIGHEST T.I.P. TO HORIZONTAL STEP DOWN TERMINATION STRIP, CUT INTO NEW BRICK VENEER WALL LINE RUN NEW ROOF REGLET, REFER TO DTL. 2/A1.15. THIS APPLICATION TO BE TIED BACK INTO MASON THROUGH STEP DOWN FLASHING SCOPE OF WORK FOR THIS AREA.
16. RUN FULLY ADHERED TPO ROOFING MATERIAL UP A MIN. OF 8" ABOVE THE HIGHEST T.I.P. TO HORIZONTAL STEP DOWN TERMINATION STRIP, CUT INTO NEW BRICK VENEER WALL LINE RUN NEW ROOF REGLET, REFER TO DTL. 2/A1.15. THIS APPLICATION TO BE TIED BACK INTO MASON THROUGH STEP DOWN FLASHING SCOPE OF WORK FOR THIS AREA.
17. RUN THERMOPLASTIC POLYOLEFIN (TPO) ROOFING UP THE SIDE OF EXTERIOR PARAPET WALL LINE AND OVER TREATED WOOD BLOCKING CAP. NOTE: TPO TO RUN OVER 5/8" DENS-DECK PRIME SET ON NEW CMU WALL LINE REFER TO DTL. 1/A1.15
18. RUN THERMOPLASTIC POLYOLEFIN (TPO) ROOFING UP THE SIDE OF INTERIOR PARAPET WALL LINE AND OVER TREATED WOOD BLOCKING CAP. NOTE: TPO TO RUN OVER 5/8" DENS-DECK PRIME SET ON 3" POLYISOCYANURATE BOARD (SEE WALL SECTIONS)
19. TPO ROOF SPLICING TIE-IN POINT TO EXIST. TPO ROOFING MATERIAL AS PER ROOFING MFG. REQUIREMENTS
20. REWORK, REBUILD, EXIST. ROOF CANT STRIP, w/ PRESSURE TREATED MATERIAL, RUN NEW TPO ROOFING TIE-IN BACK INTO EXISTING CANT STRIP. RETURN TPO ALONG THE BACK VERTICAL SIDE OF REBUILT MANSARD END PANEL SCOPE OF WORK.
21. EXIST. TPO ROOFING CANT STRIP
22. EXIST. DOTTED LINE INDICATES WALL LINE BELOW
23. SEE STRUCT - 2 x 8 LEDGER BOARD ANCHORED INTO BRICK VENEER WALL LINE
24. FOR BIDDING PURPOSE, PROVIDE FULLY ADHERED TPO ROOFING OVER 5/8" COVERED BOARD SET OVER 3" BASE LAYER OF POLYISOCYANURATE INSULATION (STAGGERED JOINTS) OVER 3/4" PLYWOOD ROOF SHEATHING FOR NEW CANOPY SET ON S.R.P. TO MATCH EXISTING CANOPY. FIELD VERIFY OVERALL EXISTING CANOPY ROOFING MATERIAL MAKE UP AND ADJUST MATERIAL AS REQUIRED.
25. EXIST. TPO ROOFING SYSTEM
26. EXISTING MANSARD END PANEL RETROFIT REPAIR. PROVIDE NEW END PANEL INFILL UNIT, (DUE TO DEMOLITION SCOPE OF WORK) END PANEL TO BE 24 GA. METALLIC COATED, OVER 3/4" TREATED PLYWOOD INFILL BLOCKING, RUN NEW EAVE AND BASE TRIM UNIT, ANCHORING BACK INTO EXISTING PANEL PROFILE WITH #10-13 x 1 1/2" WAFTER HEAD SCREWS, SET INTO A CONTINUOUS BEAD OF SEALANT. (MATCH EXISTING COLOR)
27. PROVIDE BUILT-UP TREATED WOOD CANT STRIP AS REQUIRED FOR OPEN ROOF AREA- DUE TO MANSARD DEMOLITION SCOPE OF WORK, PROVIDE TPO ROOF EDGE w/ TPO COATED METAL FASCIA CAP OVER EXISTING BRICK VENEER
27. RUN TPO ROOFING UP AND AROUND NEW MANSARD END PANEL - DUE TO MANSARD DEMOLITION SCOPE OF WORK, PROVIDE TPO TERMINATION BAR
28. TPO ROOF EDGE GUTTER w/ FLANGE RETURN OVER NEW FASCIA AS PER ROOFING MFG. REQUIERMENTS
29. TPO ROOF EDGE GUTTER w/ FLANGE RETURN OVER NEW FASCIA AS PER ROOFING MFG. REQUIERMENTS
30. PROVIDE 24 GA. UNA-CLAD OR EQUAL 6" x 6" BOX GUTTER SYSTEM TO TIE BACK INTO PRESENT GUTTERS, w/ CONCEALED GUTTER ANCHOR STRIPS AT 48" O.C. FIELD VERIFY EXISTING AND MATCH.
31. EXISTING BOX GUTTER SYSTEM TO TIE BACK INTO NEW GUTTERS, FIELD VERIFY EXISTING AND MATCH.

ROOF PLAN

SCALE: 1/8" = 1'-0"

PROJECT PHASING

REFER TO THE FOLLOWING DRAWINGS
PH1.00, PH2.00, D1.00 & A1.00 FOR PROJECT PHASING REQUIREMENTS



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

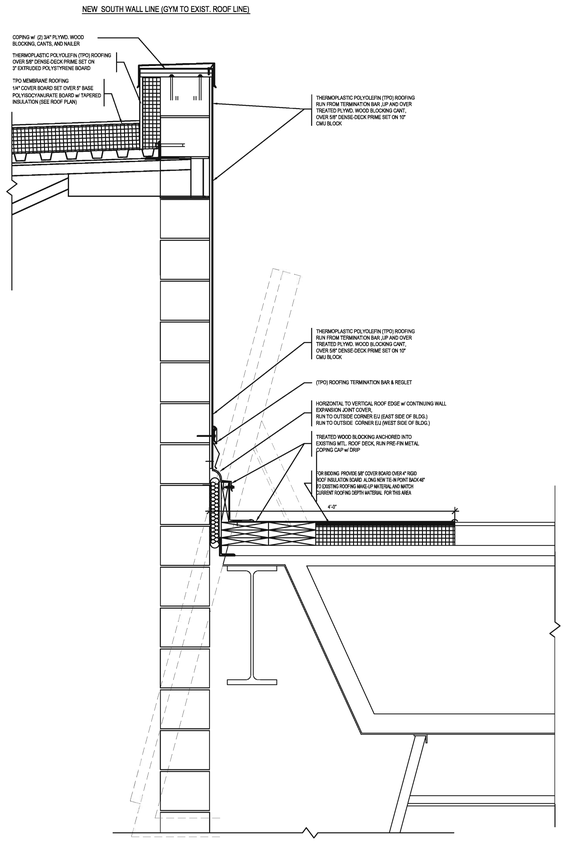
DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

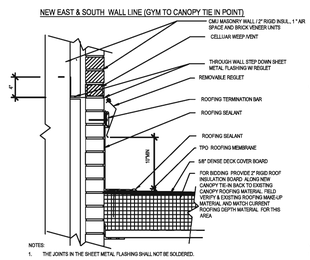
SHEET NO.
A1.14

HAGNEY JOB NO. C1824

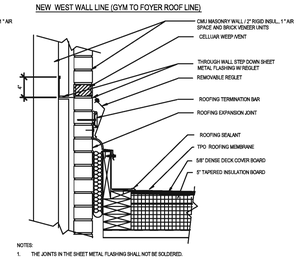
FILE: Z:\Vaddio\Dwg\C1824 Carlson School Gymnasium\CA\Current Drawings\CAA\C1824_A1.14.dwg
PLOTTED: 4/6/2017 4:44 PM
(C) 2014 Hagney Architects)



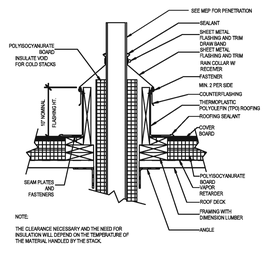
1 ROOF DETAIL
SCALE: 1" = 1'-0"



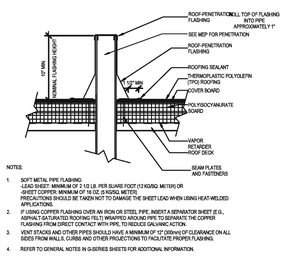
2 ROOF DETAIL
SCALE: 1" = 1'-0"



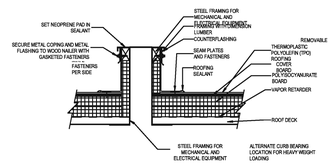
3 ROOF DETAIL
SCALE: 1" = 1'-0"



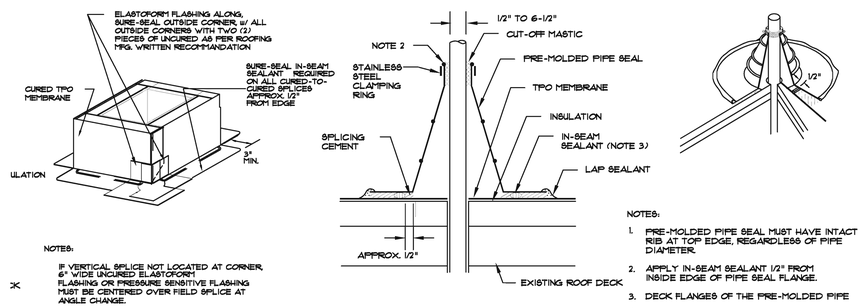
4 TYP. ROOF DETAIL
SCALE: 1" = 1'-0"



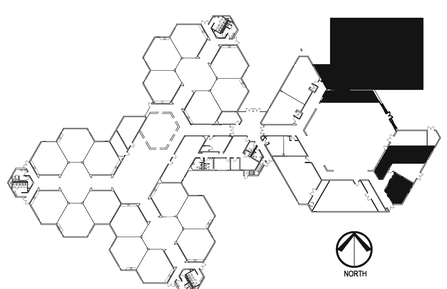
5 TYP. ROOF DETAIL
SCALE: 1" = 1'-0"



6 TYP. ROOF DETAIL
SCALE: 1" = 1'-0"



7 TYP. ROOF DETAIL
SCALE: 1" = 1'-0"



KEY PLAN
NOT TO SCALE

ISSUANCE		
NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL
EXPIRATION DATE

DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A1.15

HAGNEY JOB NO. C1824

FILE: Z:\Accdata\Clients\C1824 Carlson School Gymnasium\CD\A\C1824_A1.15.dwg
PLOTTED ON 2017-04-07 BY Mark R. Fitt
(c) 2016 Hagney Architects)

DOOR AND FRAME SCHEDULE

DOOR NUMBER	ROOM NAME	DOOR WIDTH	DOOR HEIGHT	DOOR TYPE	DOOR MATL	DOOR FINISH	DOOR GLASS	FRAME TYPE	FRAME MAT.	FRAME FINISH	FRAME GLASS	DETAIL HEAD	DETAIL JAMB	DETAIL THRESHOLD	LABEL (MIN)	REMARKS	DOOR #
100	GYMNASIUM	PR 3'-0"	7'-0"	V V	WD	MAPLE, PRE-FINISHED	GL-3	D3	HM	PT	GL-3	4" HD	-	SEE HRDWR	90 MIN.	⑪	100
100A	GYMNASIUM	PR 3'-0"	7'-0"	FG	AL	PRE-FINISHED	GL-2	D2	AL	PRE-FINISHED	GL-2	H6	J6	SEE HRDWR		③ ⑥	100A
100C	GYMNASIUM	PR 3'-0"	7'-0"	V V	HM	-	GL-2	D5	HM	PT	GL-2	4" HD		SEE HRDWR		⑪	100C
101	FOYER	PR 3'-0"	7'-0"	FG	AL	PRE-FINISHED	GL-2	D4	AL	PRE-FINISHED	GL-2	H6	J6	SEE HRDWR		② ⑥	101
101A	FOYER	PR 3'-0"	7'-0"	FG	AL	PRE-FINISHED	GL-2	D4	AL	PRE-FINISHED	GL-2	H6	J6	SEE HRDWR		⑥	101A
102	P.E. OFFICE	3'-0"	7'-0"	VV	WD	MAPLE, PRE-FINISHED	GL-3	D1	HM	PT	-	4" HD.	J4	SEE HRDWR	90 MIN.	⑪	102
103	P.E. STORAGE	PR 3'-0"	7'-0"	FL	WD	MAPLE, PRE-FINISHED	-	D6	HM	PT	-	4" HD.	-	SEE HRDWR	90 MIN.	⑪	103
103A	P.E. STORAGE	3'-0"	7'-0"	FL	WD	MAPLE, PRE-FINISHED	-	D1	HM	PT	-	4" HD.	-	SEE HRDWR	45 MIN.	⑲	103A
104	CAFETERIA	3'-0"	7'-0"	FG	AL	PAINTED	GL-2	D7	AL	PRE-FINISHED	GL-2	3/ A1.21	J5/J6	SEE HRDWR		① ③ ⑥	104
104A	CAFETERIA	3'-0"	7'-0"	FG	AL	PAINTED	GL-2	D7	AL	PRE-FINISHED	GL-2	3/ A1.21	J5/J6	SEE HRDWR		① ⑥	104A
105	PRODUCTION KITCHEN	3'-6"	7'-0"	V V	HM	PAINTED	GL-2	D1	HM	PT	GL-2	2" HD	-	SEE HRDWR		① ② ④ ⑤ ⑪ ⑫ ⑬	105
106	GIRLS	PR 3'-0"	7'-0"	FL	WD	MAPLE, PRE-FINISHED	-	D1	HM	PT	-	4" HD	-	SEE HRDWR		⑩	106
107	BOYS	PR 3'-0"	7'-0"	FL	WD	MAPLE, PRE-FINISHED	-	D1	HM	PT	-	4" HD	-	SEE HRDWR		⑩	107
108	STOR.	PR 3'-0"	7'-0"	FL	WD	MAPLE, PRE-FINISHED	-	D1	HM	PT	-	4" HD	-	SEE HRDWR		⑩	108

DOOR LEGEND

F - FLUSH
V V - VERTICAL VISION
FG - FULL GLASS
EX - EXISTING
OH - OVERHEAD
FPR - PAIR
HM - HOLLOW METAL
AL - ALUMINUM
PT - PAINT

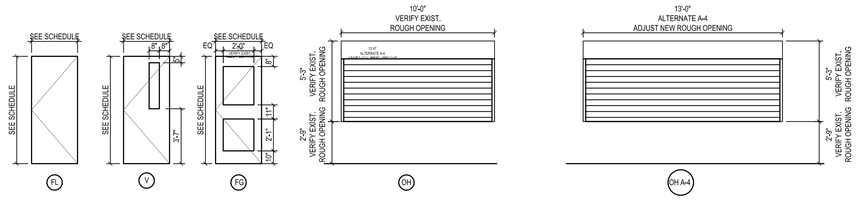
GLASS LEGEND

GL-1 NOTE OMITTED
GL-2 INSULATED TEMPERED GLASS
GL-3 FIRE LITE NT - GLASS 3/16"

DOOR SCHEDULE REMARKS

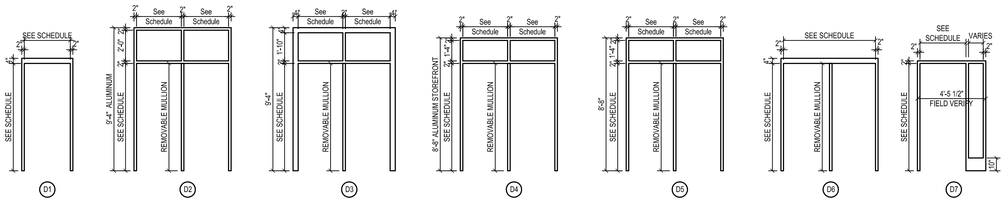
ALL EXTERIOR DOOR GLAZING TO BE INSULATED TEMPERED GLASS

1. REWORKING OF EXISTING WALL OPENING FOR NEW DOOR & FRAME
2. NEW FRAME PREPED FOR ACCESS CONTROL SYSTEM
3. NEW FRAME PREPED FOR ROUGH IN ONLY ACCESS CONTROL SYSTEM
4. EXISTING (2) DOOR AND FRAME- PREPPED FOR ACCESS CONTROL SYSTEM
5. FIELD VERIFY EXISTING KITCHEN SERVICING COILING COUNTER DOOR R.O. FOR NEW JAMB MOUNTED COILING DOOR UNIT
6. MATCH EXISTING ALUMINUM FRAME FINISH (FIELD VERIFY AND MATCH)
6. REFER TO SHT. A3.4.1 FOR ALUM. HEAD, JAMB AND SILL DETAILS
7. NOTE OMITTED
8. NOTE OMITTED
9. NOTE OMITTED
10. 5 3/4" HOLLOW METAL FRAME JAMB
11. 7 3/4" HOLLOW METAL FRAME JAMB
12. PROVIDE NEW KITCHEN COILING DOOR- FIELD VERIFY EXIST. ROUGH OPENING
13. ALTERNATE A-4 PROVIDE LARGER NEW KITCHEN COILING DOOR- F.V. ROUGH OPENING



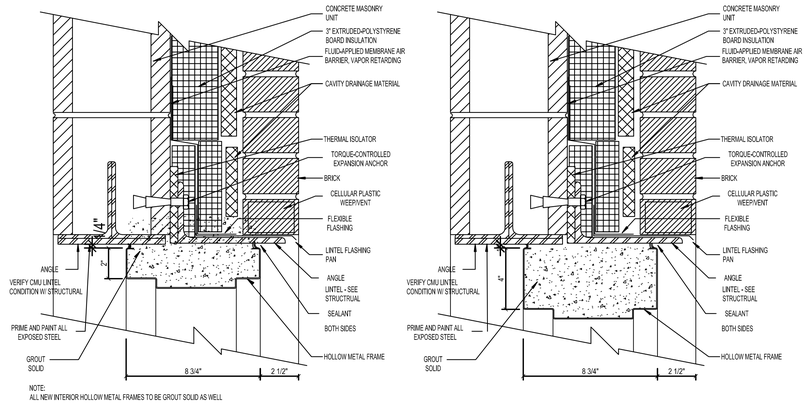
DOOR TYPES

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



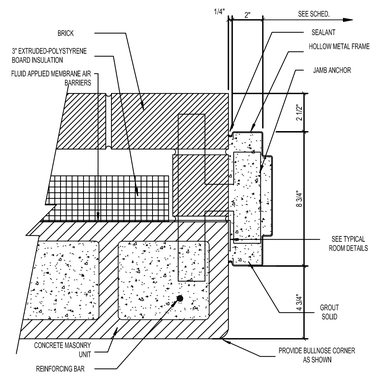
FRAME TYPES

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



TYPICAL EXTER. H.M. FRAMES

SCALE: 3" = 1'-0"



ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR MATERIAL	FLOOR FINISH	BASE MATERIAL	BASE FINISH	NORTH WALL MAT.	NORTH WALL FINISH	EAST WALL MAT.	EAST WALL FINISH	WEST WALL MAT.	WEST WALL FINISH	SOUTH WALL MAT.	SOUTH WALL FINISH	CEILING MAT.	CEILING FINISH	REMARKS	ROOM NUMBER
100	GYMNASIUM	SLAB ON GRADE	WOOD	VCB	-	CMU	PT	CMU	PT	CMU	PT	CMU	PT	EXP	PT	① ② ⑬	100
101	FOYER	SLAB ON GRADE	W-CPT	VCB	-	BRICK	-	BRICK	-	EX	-	EX	-	ACT	-	② ③ ⑰	101
102	P.E. OFFICE	SLAB ON GRADE	MT	VCB	-	EX	PT	CMU	PT	EX	PT	CMU	PT	ACT	-	④ ⑫ ⑯	102
103	P.E. STORAGE	SLAB ON GRADE	MT	VCB	-	EX	PT	EX	PT	EX	PT	CMU	PT	ACT	-	④ ⑤ ⑫	103
104	CAFETERIA	SLAB ON GRADE	EX	EX	-	CMU/GWB	EP	EX	-	EX	-	EX	-	-	-	⑥ ⑪	104
105	PRODUCTION KITCHEN	SLAB ON GRADE	QT	QT	-	EX / CMU	EP	CMU	EP	EX / CMU	EP	EX / CMU	EP	ACT-1	-	⑦ ⑥	105
106	GIRLS	SLAB ON GRADE	CT	CB	-	EX	EP	CMU	EP	EX/ CMU	EP	CMU	EP	ACT-1	-	⑧	106
107	BOYS	SLAB ON GRADE	CT	CB	-	EX	EP	EX/ CMU	EP	EX/ CMU	EP	CMU	EP	ACT-1	-	⑧	107
108	STORAGE	SLAB ON GRADE	SC	VCB	-	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ACT	-	⑧	108
109	EX. CORRIDOR	SLAB ON GRADE	VCT	VCB	-	EX-CMU	PT	CMU	PT	CMU	PT	-	-	ACT	-	⑩	109
EX	EX. CUSTODIAN	EX. CONC.	EX	EX	EX	EX-CMU	PT	EX-CMU	PT	EX-CMU	PT	EX-CMU	PT	EXPOSED	PT	⑭	EX
EX	EX. "Y" CARE STORAGE	EX. VCT	EX	EX	EX	EX-CMU	-	EX-CMU	-	EX-CMU	-	EX-CMU	PT	PT	PT	⑮	EX

ROOM FINISH SCHEDULE ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE (2x2)	SC	SEALED CONCRETE
ACT-1	ACOUSTICAL CEILING TILE (2x2)> SEE SPEC	GWB	GYPSUM WALL BOARD
CMU	CONCRETE MASONARY UNIT		
EX	EXISTING		
EXP	EXPOSED STRUCT	W-CPT	WALK-OFF CARPET
ME	MATCH EXISTING	PL	PLASTER FINISH
MT	MODULAR LOSE LAYED TILE COLORS	PT	PAINT
CT	CERAMIC TILE	EP	EPOXY PAINT
		VCB	VINYL COVE BASE
		VCT	VINYL COMPOSITION TILE
		CB	CERAMIC COVE BASE

ROOM FINISH SCHEDULE REMARKS

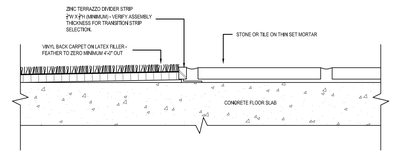
1. ALL EXPOSED STRUCTURE FRAMING TO BE PAINTED INCLUDING 'SOUND DECKING'.
2. ALL EXPOSED LINTEL IN FIRE RATED BARRIER TO BE PAINTED (SEE SPEC SECTION 07-8123 INTUMESCENT MASTIC FIREPROOFING).
3. CLEAN EXISTING BRICK VENEER INCLUDING REMOVING ANY AND ALL SEALANT AND PAINT FROM EXISTING ALUMINUM DOORWAY THAT HAS BEEN DEMO'ED.
4. FIRE TAPE GWB PARTITION ABOVE ACOUSTICAL CEILING TILE/ FINISH GWB PARTITIONS BELOW ACOUSTICAL CEILING TILE.
5. BOX-OUT CEILING SYSTEM AROUND DIAGONAL WALL SUPPORTS (SEE STRUCTURAL).
6. SEE ALTERNATE A-3.
7. PAINT CMU WALL CHASE ADJACENT TO PRODUCTION KITCHEN.
8. REFER TO FLOOR PLAN KEY NOTE 31 FOR PATCHING OF EXISTING WALL AND CEILING (IF ALTERNATE A-3 IS NOT ACCEPTED).
9. RUN QT AND QT BASE INTO BOTH COOLER AND FREEZER.
10. REMOVE EXISTING CEILING TILE AND GRID AS REQUIRED FOR NEW CORRIDOR TO NEW BATHROOM WALL LAYOUT.
11. STAIN NEW CEILING TRIM BOARD TO SOUND BOARD PANELS ALONG NORTH ALL AND TIE IN LOCATIONS TO EXISTING TRIM BOARD (MATCH STAIN).
12. CMU UP TO 9'-4" FOLLOWED BY GWB FROM 9'-4" TO UNDERSIDE OF EXISTING STEEL JOIST.
13. GYMNASIUM TO HAVE (3) ACCENT COLOR STRIPING SCHEME.
14. CLEAN & PREP. EXIST. CMU WALLS & DECK FOR PAINT. FIN. FL. TO 9'-4" A.F.F. INCLUDING PAINTING EXPOSED CEILING LID.
    REFER TO KEY NOTE C15 OF SHT A6.10 FOR GWB INFILL FROM TOP OF CMU WALL LINE TO UNDERSIDE OF PITCHED ROOF DECK
15. A. REPAIR, PATCH & PAINT NEW 5/8" TYPE "X" GWB CEILING, DUE TO DEMO WORK, SEE DEMO, MEP & STRUCT.
    B. PT NEW CMU CHASE WALL, SEE PLAN FOR GWB CAP CONSTRUCTION
16. RUN R-19 SOUND ATTENUATION BATTS OVER CEILING TILE AND GRID
17. PROVIDE 10" OF OPEN CELL SPRAY POLYURETHANE FOAM TO THE UNDERSIDE OF PITCHED ROOF DECK. (SEE SPEC.)

GENERAL ROOM FINISH SCHEDULE NOTES

A. START POINT FOR ACT CEILINGS TO BE CENTER OF ROOM UNLESS NOTED BY A START POINT.
B. PAINT ALL INTERIOR AND EXTERIOR HOLLOW METAL DOORS AND FRAMES.
C. PROVIDE TRANSITION STRIP AT ALL LOCATIONS WHERE FLOORING MATERIAL CHANGES (SEE DETAILS ON THIS SHEET).
D. EXTEND SCHEDULED PAINT ON WALLS UP TO 1'-0" ABOVE THE FINISHED CEILING. IN ROOMS NOT SCHEDULED TO RECEIVE A CEILING, EXTEND SCHEDULED PAINT UP THE ENTIRE HEIGHT OF THE PARTITION, UNLESS NOTED OTHERWISE
E. AT ALL EXPOSED AREAS, PAINT ALL WALLS, STRUCTURE, INCLUDING CONCRETE, METAL DECK, STEEL BEAMS, COLUMNS, PIPING, CONDUIT, DUCTWORK AND OTHER EQUIPMENT ETC.
F. DO NOT PAINT DOOR AND FRAME FIRE RATING LABELS.
G. SEE FLOOR PLAN SHEET FOR ADDITIONAL VCT PATCHING LOCATIONS.

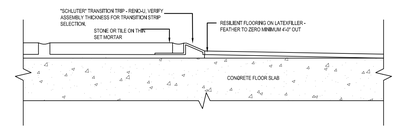
GENERAL EXTERIOR FINISH NOTES

A. PATCH EXISTING PLASTER CANOPY CEILING SYSTEM AS REQUIRED FOR NEW SCOPE OF WORK AREAS. AT NEW KITCHEN DOORWAY, TIEING OF EXISTING EXTERIOR CANOPY TO NEW CANOPY SEE ELEV. & PLANS



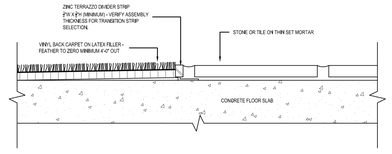
1 FLOOR TRANSITION - CARPET/ TEMPORARY

SCALE 6" = 1'-0"



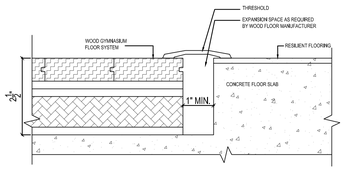
4 FLOOR TRANSITION - RESILIENT/ TILE

SCALE 6" = 1'-0"



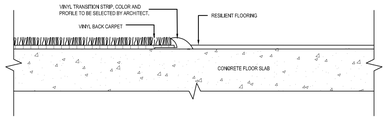
2 FLOOR TRANSITION - CARPET/ CONCRETE

SCALE 6" = 1'-0"



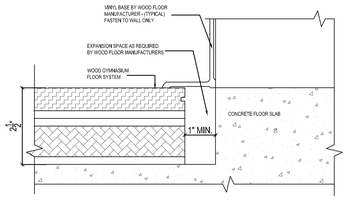
5 FLOOR TRANSITION - WOOD GYM FLOOR

SCALE 6" = 1'-0"



3 FLOOR TRANSITION - CARPET/ RESILIENT

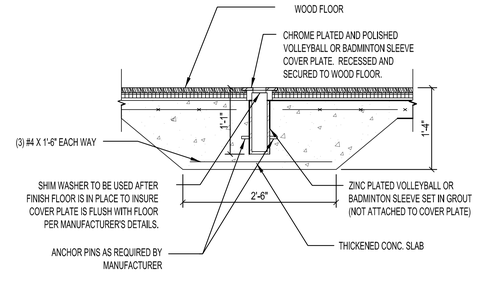
SCALE 6" = 1'-0"



6 FLOOR TRANSITION - WOOD GYM FLOOR/ WALL

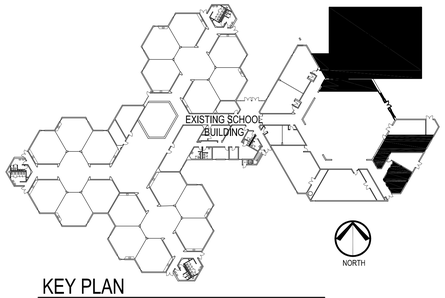
SCALE 6" = 1'-0"

VOLLEYBALL NET INSERTS



7 VOLLEYBALL NET INSERTS

SCALE: 1" = 1'-0"



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LTD
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

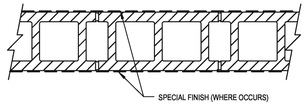
EXPIRATION DATE

DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO. A2.00

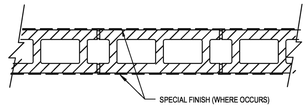
FILE: Z:\Acadam\Dwg\C1824 Carlson School Gymnasium\CA\Current Drawings\CA\VOCU024_A2.00.dwg
PLOTTED: 4/7/2016 4:44 PM
(C)2014 Hagney Architects)



CMU NOMINAL THICKNESS:	10"
CMU FINISH:	SEE BELOW FOR CMU FINISH TYPES
WALL REINFORCING:	SEE STRUCTURAL
HOR. JOINT REINFORCING:	@ 16" O.C.
CELL GROUTING:	SEE STRUCTURAL
INSULATION:	NONE (EXCEPT FOR UPPER CMU WALL LINE- SEE WALL SECTION)
FIRE RATING:	SEE CODE COMPLIANCE PLANS ("G1" SERIES)
FIRE TEST NO:	SEE CODE COMPLIANCE PLANS ("G1" SERIES) (WHERE RATED)
STC RATING:	SEE ACOUSTICAL COMPLIANCE PLANS ("G2" SERIES) (WHERE RATED)
DETAIL @ HEAD:	SEE SHEET A2.1.1 (USE TYPICAL DETAIL FOR CONDITION)
DETAIL @ BASE:	SEE SHEET A2.1.1 (USE TYPICAL DETAIL FOR CONDITION)

MASONRY PARTITION TYPES:

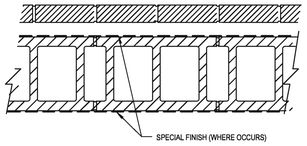
P1 STANDARD CMU FINISH BOTH SIDES



CMU NOMINAL THICKNESS:	6"
CMU FINISH:	SEE BELOW FOR CMU FINISH TYPES
WALL REINFORCING:	SEE STRUCTURAL
HOR. JOINT REINFORCING:	@ 16" O.C.
CELL GROUTING:	SEE STRUCTURAL
INSULATION:	NONE (EXCEPT FOR UPPER CMU WALL LINE -SEE WALL SECTION)
FIRE RATING:	SEE CODE COMPLIANCE PLANS ("G1" SERIES)
FIRE TEST NO:	SEE CODE COMPLIANCE PLANS ("G1" SERIES) (WHERE RATED)
STC RATING:	SEE ACOUSTICAL COMPLIANCE PLANS ("G2" SERIES) (WHERE RATED)
DETAIL @ HEAD:	SEE SHEET A2.1.1 (USE TYPICAL DETAIL FOR CONDITION)
DETAIL @ BASE:	SEE SHEET A2.1.1 (USE TYPICAL DETAIL FOR CONDITION)

MASONRY PARTITION TYPES:

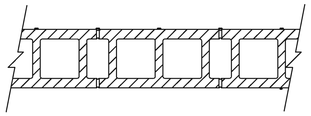
P2 STANDARD CMU FINISH BOTH SIDES



EXTERIOR BRICK VENEER:	4"
CMU NOMINAL THICKNESS:	10"
CMU FINISH:	SEE BELOW FOR CMU FINISH TYPES
WALL REINFORCING:	SEE STRUCTURAL
HOR. JOINT REINFORCING:	@ 16" O.C.
CELL GROUTING:	SEE STRUCTURAL
INSULATION:	NONE
FIRE RATING:	SEE CODE COMPLIANCE PLANS ("G1" SERIES)
FIRE TEST NO:	SEE CODE COMPLIANCE PLANS ("G1" SERIES) (WHERE RATED)
STC RATING:	SEE ACOUSTICAL COMPLIANCE PLANS ("G2" SERIES) (WHERE RATED)
DETAIL @ HEAD:	SEE SHEET A2.1.1 (USE TYPICAL DETAIL FOR CONDITION)
DETAIL @ BASE:	SEE SHEET A2.1.1 (USE TYPICAL DETAIL FOR CONDITION)

MASONRY PARTITION TYPES:

P3 STANDARD CMU FINISH BOTH SIDES



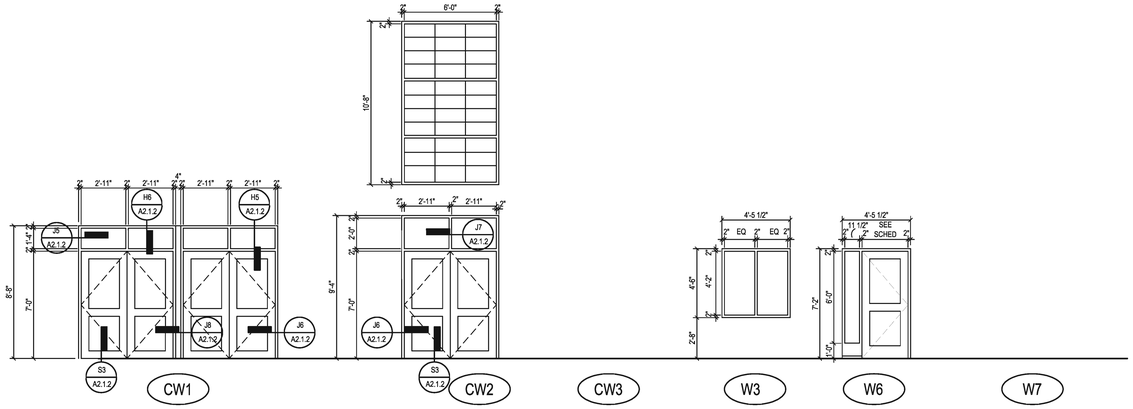
CMU NOMINAL THICKNESS:	6"
FIRE RATING:	SEE CODE COMPLIANCE PLANS ("G1" SERIES)
FIRE TEST NO:	SEE CODE COMPLIANCE PLANS ("G1" SERIES) (WHERE RATED)
STC RATING:	SEE ACOUSTICAL COMPLIANCE PLANS ("G2" SERIES) (WHERE RATED)
DETAIL @ HEAD:	SEE SHEET A2.1.1 (USE TYPICAL DETAIL FOR CONDITION)
DETAIL @ BASE:	SEE SHEET A2.1.1 (USE TYPICAL DETAIL FOR CONDITION)

MASONRY PARTITION TYPES:

P4 EXISTING CMU / BRICK VENEER

1 PARTITIONS

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

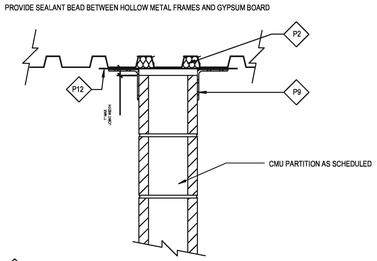


4 NEW GYMNASIUM WINDOW AND CURTAIN WALL TYPES

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

GENERAL PARTITION NOTES

1. PROVIDE HORIZONTAL JOINT REINFORCING AT ALL MASONRY PARTITIONS. PROVIDE JOINT REINFORCING @ EACH SECOND COURSE AND ONE COURSE BELOW AND ABOVE OPENINGS UNLESS OTHER WISE NOTED. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCING.
2. FOR WALL FINISHES SEE ROOM FINISH SCHEDULE ON OTHER A2-SERIES DRAWINGS
3. FOR EXTERIOR WALLS SEE WALL SECTIONS ON A3-SERIES DRAWINGS
4. PROVIDE WATER RESISTANT GYPSUM BOARD PANELS AT ALL TOILET ROOMS, UNLESS OTHER WISE NOTED.
5. PROVIDE GLASS-MAT, WATER RESISTANT BACKING BOARD AT ALL CERAMIC TILE WALL LOCATIONS, UNLESS OTHERWISE NOTED
6. PROVIDE NON-SAG TYPE GYPSUM BOARD PANELS AT CEILING OF ALL WET AREAS SUCH AS TOILET ROOMS AND LOCKER ROOMS, UNLESS OTHERWISE NOTED.
7. FOR LOCATION AND RATINGS OF FIRE RESISTIVE PARTITIONS, SEE G-SERIES CODE COMPLINACE PLANS, IN ADDITION TO INFORMATION GIVEN ON INDIVIDUAL PARTITION TYPES
8. AT ALL PARTITIONS SCHEDULED TO HAVE AN STC RATING, PROVIDE NECESSARY COMPONENTS TO MEET THE RATING BUT NO LESS THAN, CONTINUOUS SOUND ATTENUATING INSULATION, SOUND SEALANT BELOW FLOOR TRACK AND SOUND SEALANT AROUND ALL OPENINGS.
9. AT ALL PARTITIONS SCHEDULED TO HAVE A FIRE RATING, PROVIDE NECESSARY COMPONENTS TO MEET THE RATING BUT NO LESS THAN, CONTINUOUS BATT INSULATION, FIRE RATED CAULK AROUND PERIMETERS AND OPNENINGS.
10. UNLESS OTHERWISE NOTED PROVIDE METAL STUDS OF 0.0179 in THICKNESS FOR GYPSUM WALL PARTITIONS AND 0.0312 in THICKNESS FOR CEMENTITICOUS BACKER BOARD PARTITIONS.
11. PROVIDE SPECIAL CMU BULLNOSE SHAPE AT ALL EXPOSED CORNERS WHICH ARE NOT COVERED BY ANOTHER MATERIAL OR FINISH.
12. GROUT SOLID CMU ABOVE STEEL LINTELS AND AT EACH JAMB
13. PROVIDE #4 STEEL REINFORCING ROD, CONTINUOUS AT EACH JAMB OF DOOR FRAMES LOCATED IN CMU WALL AND PARTITIONS
14. PROVIDE SEALANT BEAD BETWEEN HOLLOW METAL FRAMES AND GYPSUM BOARD



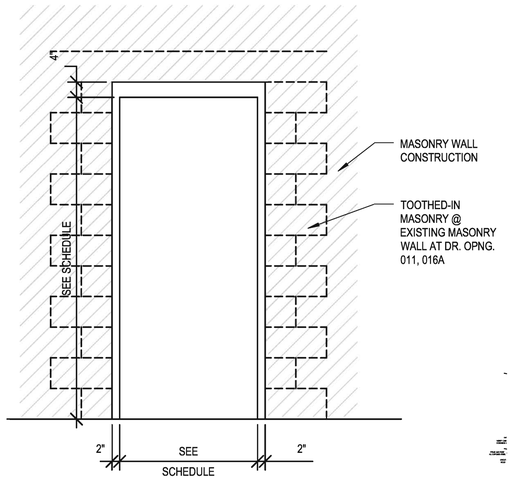
P2 FIBERGLASS BLANKET INSULATION STUFFED IN FLUTES OF METAL DECK OR OTHER VOIDS DIRECTLY ABOVE PARTITION

P9 4"x4"x3/16" PRIMED STEEL ANGLE 8" LONG STAGGERED EA. SIDE OF CMU @ 4'-0" O.C. EXPANSION BOLT TO DECK WITH 1/4" DIA. EXPANSION BOLTS (2 PER PIECE)

P12 16ga GALV. STEEL PLATE, SIZED 10" + WIDTH OF CMU. WELD TO DECK, LOCATE AT CENTERLINE OF PARTITION.

2 TYP. CMU PART. HEAD DTL.

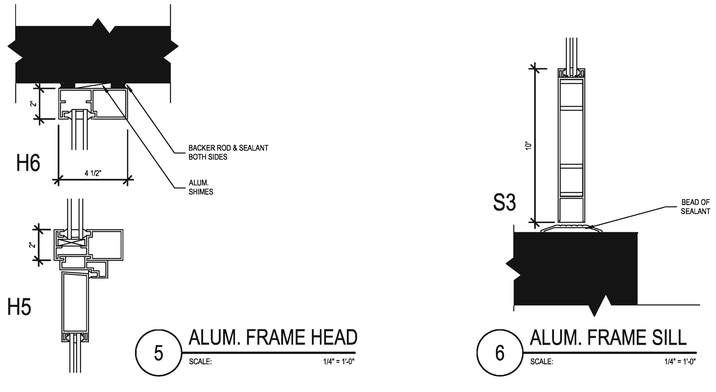
SCALE: 1 1/2" = 1'-0"



NOTE: REFER TO STRUCTURAL DOCUMENTS FOR ADDITIONAL INFORMATION.

3 FRAME ELEVATION

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

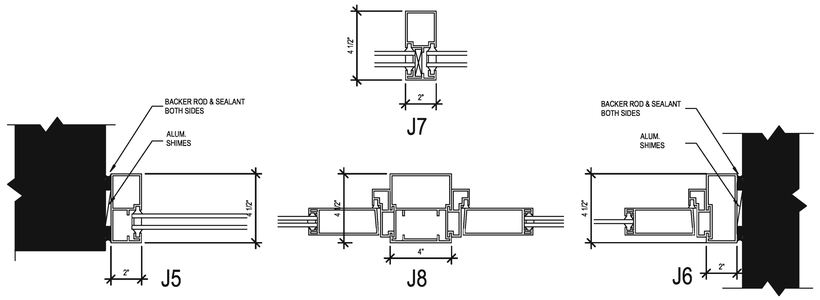


5 ALUM. FRAME HEAD

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

6 ALUM. FRAME SILL

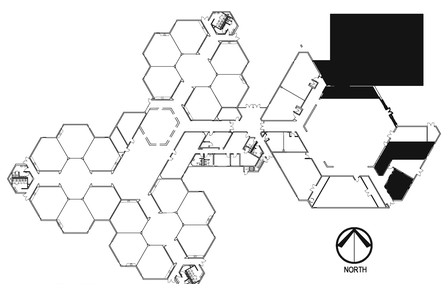
SCALE: 1/4" = 1'-0"



7 ALUM. FRAME JAMB

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

DOOR AND SIGNAGE SCHEDULES; DOOR DETAILS



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS INC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

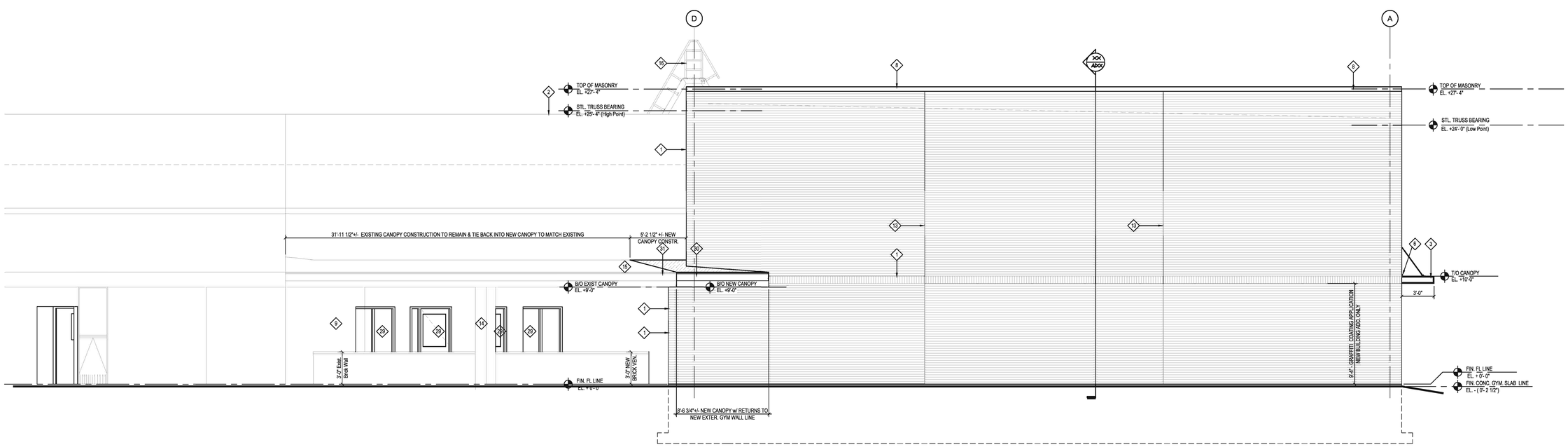
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO. A2.12

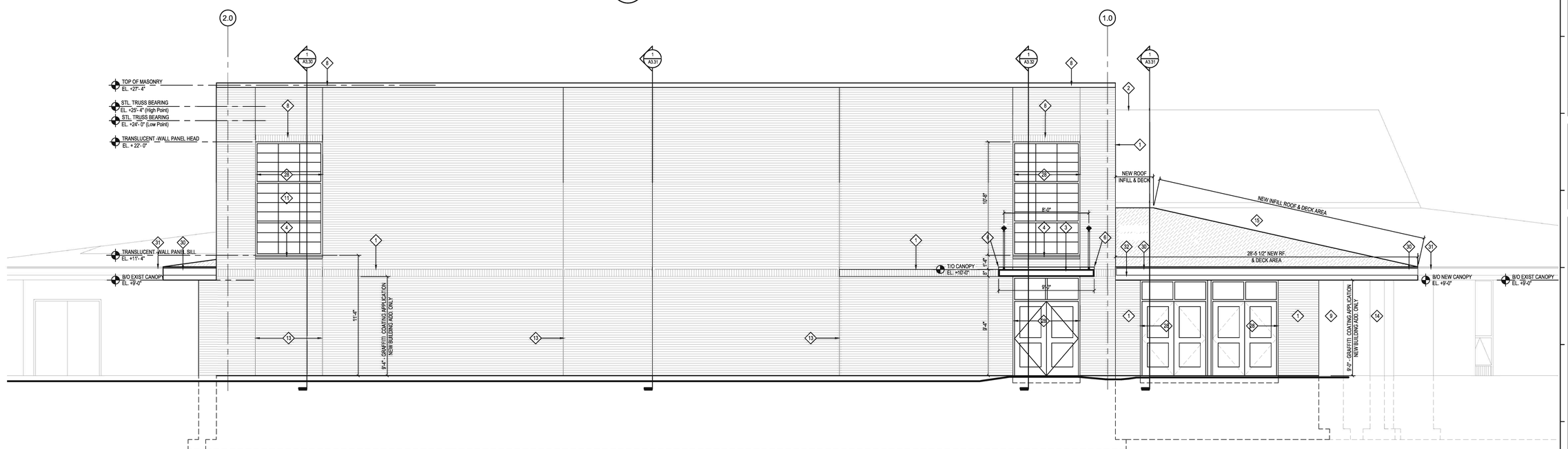
HAGNEY JOB NO. C1824

FILE: Z:\Acad\Dwg\C1824 Carlson School Gymnasium\CD\A2\C1824_A212.dwg
PLOTTED: 4/6/2017 3:44:41 PM
(C-2014 Hagney Architects)



1 EAST ELEVATION

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



2 NORTH ELEVATION

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

NORTH & EAST ELEVATION

ELEVATION KEY NOTES

THESE ELEVATION KEY NOTES APPLY TO SHEET A3.00 & A3.10 ONLY

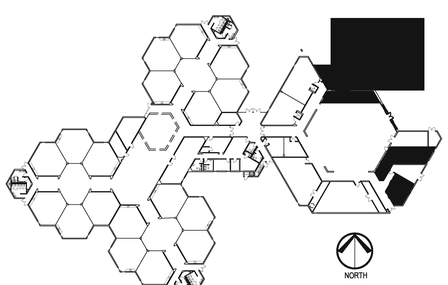
1. NOTE TYPICAL FOR D SERIES SHEETS ONLY
2. BRICK VENEER ACCENT BAND
3. NOTE OMITTED
4. METAL CANOPY SYSTEM w/ SUPPORT RODS
5. 8 x 8 SCORED CMU UNITS
6. BRICK VENEER FIELD COLOR
7. 28 GA. FLASHING w/ END WALL CAP RETURNS (MATCH CANOPY FIN.)
8. BUILDING EXPLANATION JOINTS
9. COPING CAP
10. EXISTING GYMNASIUM BRICK & CMU WALL LINE BEYOND
11. EXISTING GYMNASIUM BRICK & CMU WALL LINE
12. TRANSLUCENT THERMAL BUILDING WALL SYSTEM
13. 8" BRICK VENEER RETURN
14. CONTROL JOINTS
15. EXISTING BLDG. COPING
16. DOTTED LINE INDICATES CONTROL JOINT UNDER PARAPET ROOFING MATERIAL
17. ROOF ACCESS LADDER
18. TPO TERMINATION BAR w/ REGLET
19. TPO VERTICAL CORNER TERMINATION BAR
20. HORIZONTAL EXPANSION JOINT (ROOF EDGE TO CONTIN. WALL)
21. VERTICAL INSIDE CORNER EXPANSION JOINT
22. WALL TO WALL VERTICAL INSIDE CORNER EXPANSION JOINT
23. BUILT-UP CANT STRIP OVER EXIST. STONE CAP (SEE WALL SECTION)
24. TPO VERTICAL CONTROL JOINT APPLICATION
25. VERTICAL OUTSIDE CONTROL JOINT APPLICATION TO VERTICAL WALL TO WALL CJ
26. TPO ROOFING OVER 5/8" DENS-DECK PRIME OVER FLUID APPLIED MEMBRANE AIR BARRIER SET ON 10" CMU BLOCK
28. BUILT-UP CANT STRIP OVER EXIST. STONE CAP END CAP RETURN
27. WALL TO WALL VERTICAL FACE EXPANSION JOINT
28. RETURN BRICK VENEER BACK TO FACE OF CMU WALL LINE AT ALL EXTERIOR WALL OPENINGS
29. ALTERNATE # A1
30. NEW H.M. DOOR AND FRAME SET IN EXISTING DR OPENING

GENERAL NOTES

1. SEE SPECIFICATIONS.
2. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
3. WORK SHALL BE DONE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODES, LAWS AND REGULATIONS.
4. COORD. WORK ON THIS SHEET WITH WORK ON CORRELATING AND ADJ. MEP/FP/STRUCT/RCP/ FLOOR FINISH, EQUIP. ETC. SHEETS.
5. SEE G SERIES SHEETS FOR ABBREVIATIONS, DWG INDEX, CODE
6. ORIGINAL CONSTRUCTION DOCUMENTS EXIST AND ARE AVAILABLE FOR REVIEW.
7. COORDINATE ITEMS TO BE SALVAGED FOR THE OWNER (DOORS, HARDWARE, SIGNS, ETC.)
8. IF A CONFLICT ARISE BETWEEN THE DESIGN DOCUMENTS OR MANUFACTURER'S RECOMMENDATIONS, THE MORE STRINGENT WILL PREVAIL.

GENERAL MASONRY NOTES:

ALL INTERIOR MASONRY EXPOSED EDGES, CASED OPENING AND DOORWAYS OPENING TO HAVE BULL NOSE RETURNS



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

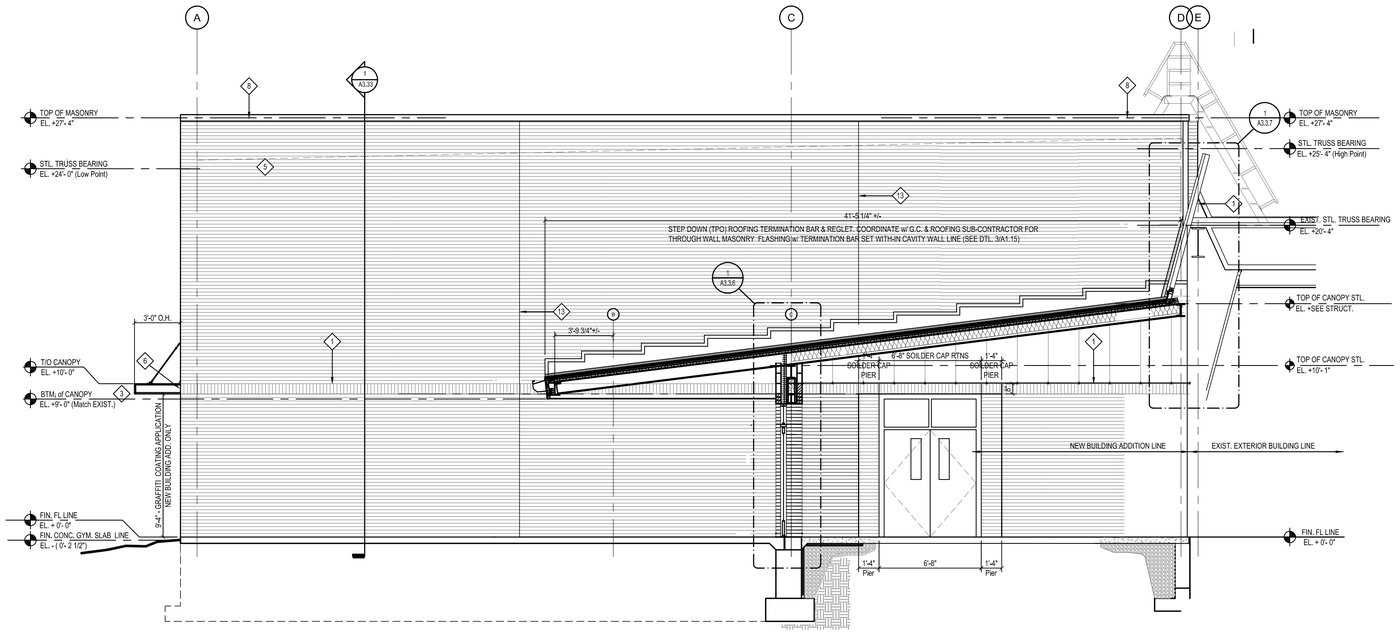
DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A3.00

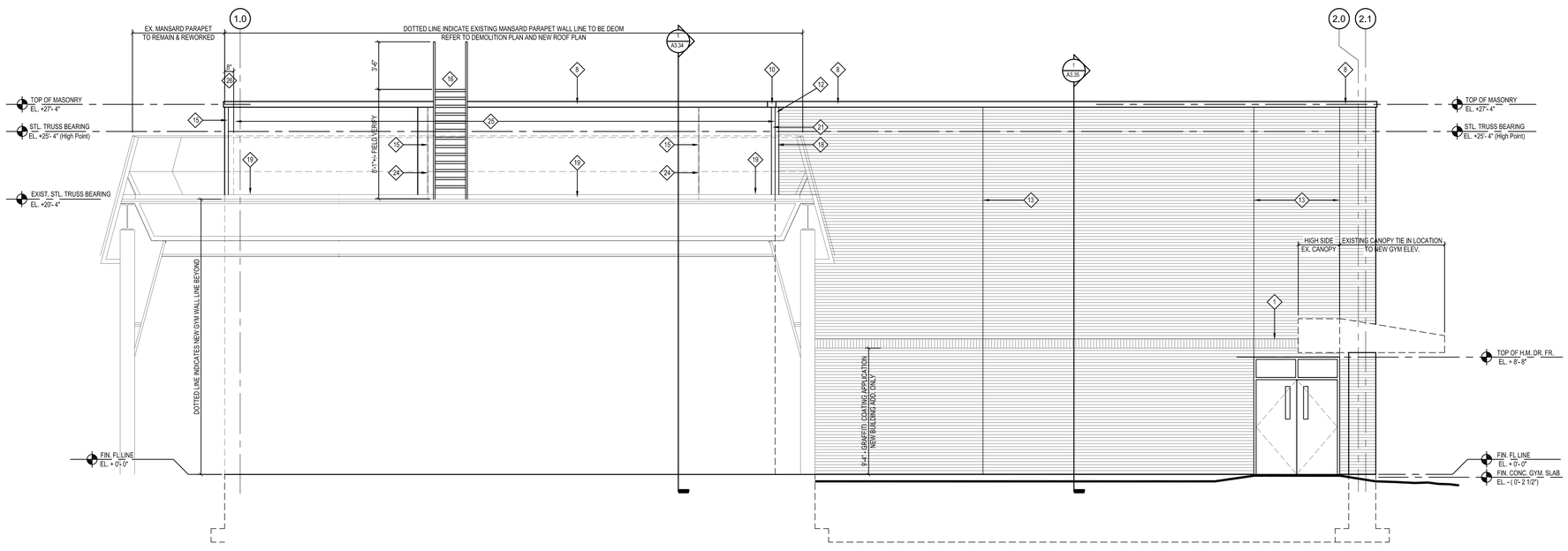
HAGNEY JOB NO. C1824

FILE- Z:\Vcadd\Dwg\C1824 Carlson School Gymnasium\CD's\C1824_A3.00.dwg
PLOTTED- 4/18/2016 1:46:14 PM
(C:2014 Hagney Architects)



1 WEST ELEVATION

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



2 SOUTH ELEVATION

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

ELEVATION KEY NOTES

THESE ELEVATION KEY NOTES APPLY TO SHEET A3.00 & A3.10 ONLY

1. NOTE TYPICAL FOR D SERIES SHEETS ONLY
2. BRICK VENEER ACCENT BAND
3. NOTE OMITTED
4. METAL CANOPY SYSTEM w/ SUPPORT RODS
5. 8 x 8 SCORED CMU UNITS
6. BRICK VENEER FIELD COLOR
7. 28 GA. FLASHING w/ END WALL CAP RETURNS (MATCH CANOPY FIN.)
8. BUILDING EXPLANATION JOINTS
9. COPING CAP
10. EXISTING GYMNASIUM BRICK & CMU WALL LINE BEYOND
11. EXISTING GYMNASIUM BRICK & CMU WALL LINE
12. TRANSLUCENT THERMAL BUILDING WALL SYSTEM
13. 8" BRICK VENEER RETURN
14. CONTROL JOINTS
15. EXISTING BLDG. COPING
16. DOTTED LINE INDICATES CONTROL JOINT UNDER PARAPET ROOFING MATERIAL
17. ROOF ACCESS LADDER
18. TPO TERMINATION BAR w/ REGLET
19. TPO VERTICAL CORNER TERMINATION BAR
20. HORIZONTAL EXPANSION JOINT (ROOF EDGE TO CONTIN. WALL)
21. VERTICAL INSIDE CORNER EXPANSION JOINT
22. WALL TO WALL VERTICAL INSIDE CORNER EXPANSION JOINT
23. BUILT-UP CANT STRIP OVER EXIST. STONE CAP (SEE WALL SECTION)
24. TPO VERTICAL CONTROL JOINT APPLICATION
25. VERTICAL OUTSIDE CONTROL JOINT APPLICATION TO VERTICAL WALL TO WALL C/J
26. TPO ROOFING OVER 5/8" DENS-DECK PRIME OVER FLUID APPLIED MEMBRANE AIR BARRIER SET ON 10" CMU BLOCK
27. BUILT-UP CANT STRIP OVER EXIST. STONE CAP END CAP RETURN
28. WALL TO WALL VERTICAL FACE EXPANSION JOINT
29. RETURN BRICK VENEER BACK TO FACE OF CMU WALL LINE AT ALL EXTERIOR WALL OPENINGS
30. ALTERNATE # A1
31. NEW H.M. DOOR AND FRAME SET IN EXISTING DR OPENING

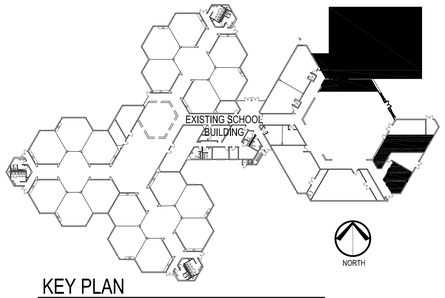
GENERAL NOTES

1. SEE SPECIFICATIONS.
2. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
3. WORK SHALL BE DONE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODES, LAWS AND REGULATIONS.
4. COORD. WORK ON THIS SHEET WITH WORK ON CORRELATING AND ADJ. MEP/FP/STRUCT/RCP/ FLOOR FINISH, EQUIP, ETC. SHEETS.
5. SEE G SERIES SHEETS FOR ABBREVIATIONS, DWG INDEX, CODE
6. ORIGINAL CONSTRUCTION DOCUMENTS EXIST AND ARE AVAILABLE FOR REVIEW.
7. COORDINATE ITEMS TO BE SALVAGED FOR THE OWNER (DOORS, HARDWARE, SIGNS, ETC.)
8. IF A CONFLICT ARISE BETWEEN THE DESIGN DOCUMENTS OR MANUFACTURER'S RECOMMENDATIONS, THE MORE STRINGENT WILL PREVAIL.

GENERAL MASONRY NOTES:

ALL INTERIOR MASONRY EXPOSED EDGES, CASED OPENING AND DOORWAYS OPENING TO HAVE BULL NOSE RETURNS

WEST & SOUTH ELEVATION



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

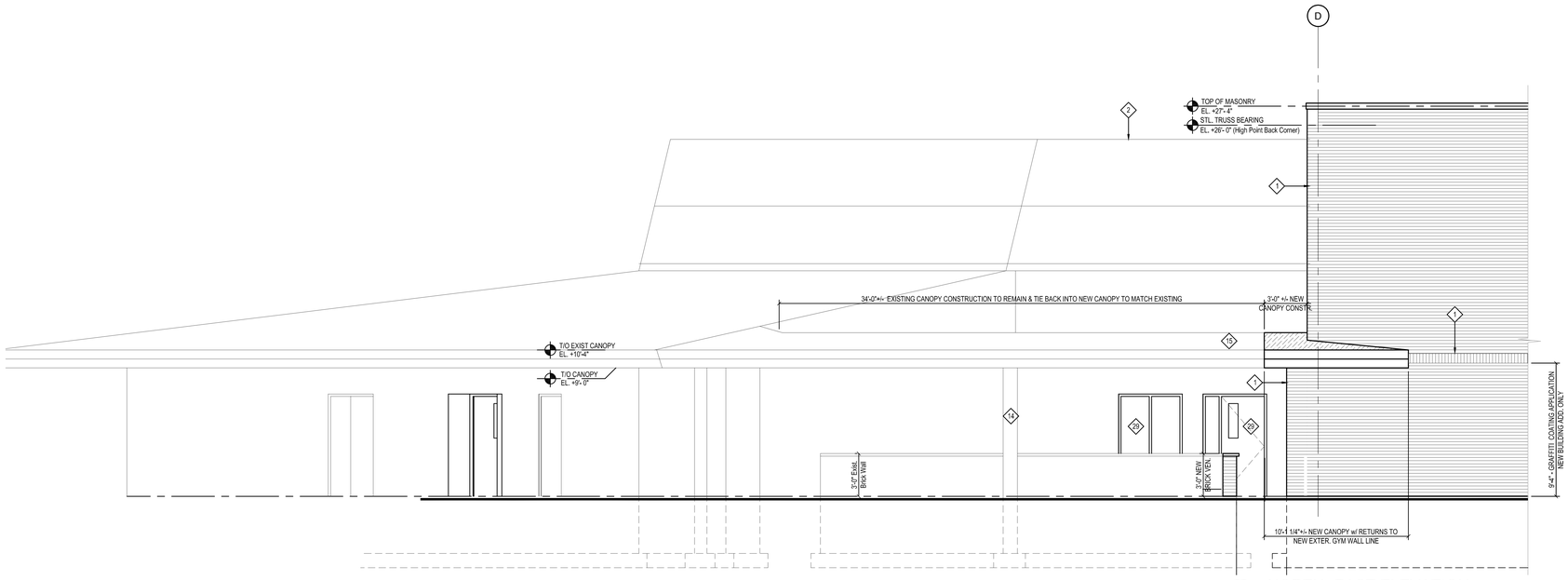
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A3.10

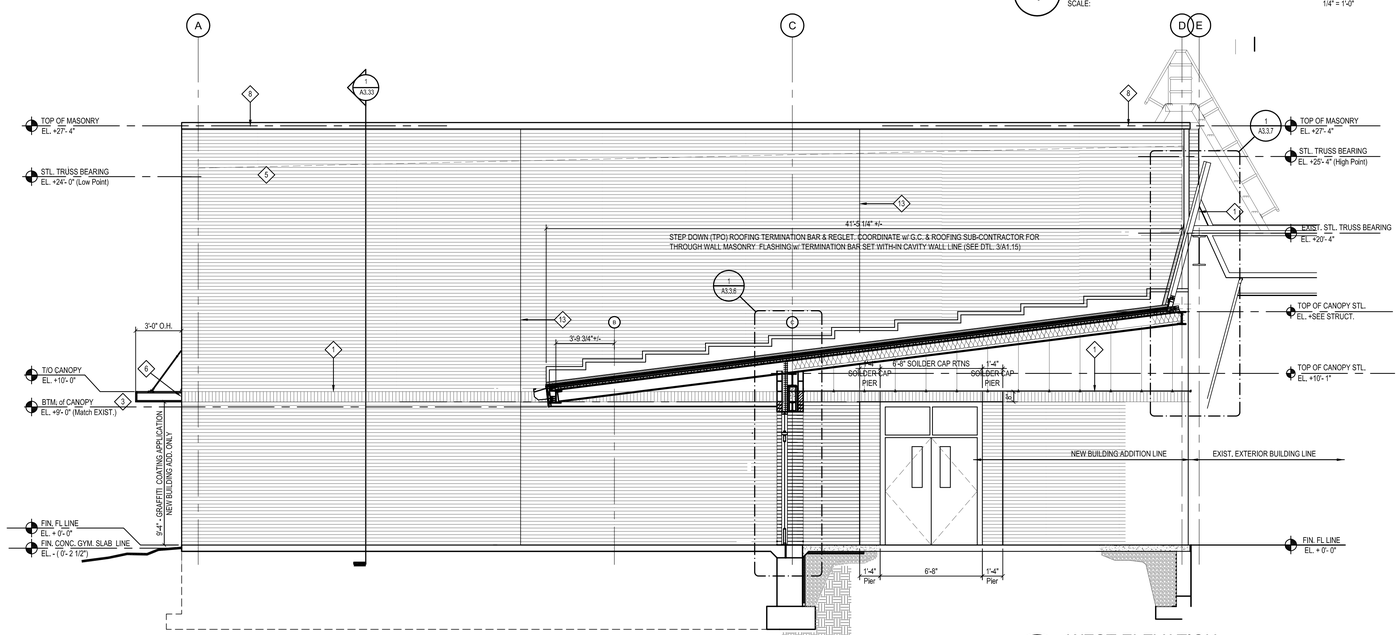
HAGNEY JOB NO. C1824

FILE: Z:\Autodesk\Dwg\C1824 Carlson School Sgmnsdatn\Current Drawings\CA\9\C1824_A3.10.dwg
PLOTTED: 4/6/2017 4:44 PM
(C-2014 Hagney Architects)



1 NORTH- EAST ELEVATION

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



2 WEST ELEVATION

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

ELEVATION KEY NOTES

THESE ELEVATION KEY NOTES APPLY TO SHEET A3.00 & A3.10 ONLY

1. NOTE TYPICAL FOR D SERIES SHEETS ONLY
2. BRICK VENEER ACCENT BAND
3. NOTE OMITTED
4. METAL CANOPY SYSTEM w/ SUPPORT RODS
5. 8 x 8 SCORED CMU UNITS
6. BRICK VENEER FIELD COLOR
7. 28 GA. FLASHING w/ END WALL CAP RETURNS (MATCH CANOPY FIN.)
8. BUILDING EXPLANATION JOINTS
9. COPING CAP
10. EXISTING GYMNASIUM BRICK & CMU WALL LINE BEYOND
11. EXISTING GYMNASIUM BRICK & CMU WALL LINE
12. TRANSLUCENT THERMAL BUILDING WALL SYSTEM
13. 8" BRICK VENEER RETURN
14. CONTROL JOINTS
15. EXISTING BLDG. COPING
16. DOTTED LINE INDICATES CONTROL JOINT UNDER PARAPET ROOFING MATERIAL
17. ROOF ACCESS LADDER
18. TPO TERMINATION BAR w/ REGLET
19. TPO VERTICAL CORNER TERMINATION BAR
20. HORIZONTAL EXPANSION JOINT (ROOF EDGE TO CONTIN. WALL)
21. VERTICAL INSIDE CORNER EXPANSION JOINT
22. WALL TO WALL VERTICAL INSIDE CORNER EXPANSION JOINT
23. BUILT-UP CANT STRIP OVER EXIST. STONE CAP (SEE WALL SECTION)
24. TPO VERTICAL CONTROL JOINT APPLICATION
25. VERTICAL OUTSIDE CONTROL JOINT APPLICATION TO VERTICAL WALL TO WALL C/J
26. TPO ROOFING OVER 5/8" DENS-DECK PRIME OVER FLUID APPLIED MEMBRANE AIR BARRIER SET ON 10" CMU BLOCK
27. BUILT-UP CANT STRIP OVER EXIST. STONE CAP END CAP RETURN
28. WALL TO WALL VERTICAL FACE EXPANSION JOINT
29. RETURN BRICK VENEER BACK TO FACE OF CMU WALL LINE AT ALL EXTERIOR WALL OPENINGS
29. ALTERNATE # A1
30. NEW H.M. DOOR AND FRAME SET IN EXISTING DR OPENING

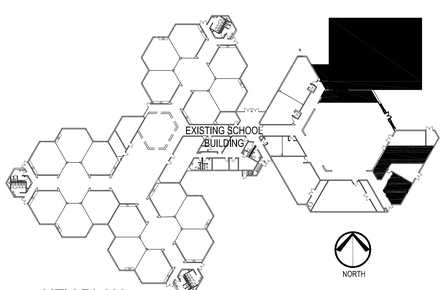
GENERAL NOTES

1. SEE SPECIFICATIONS.
2. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
3. WORK SHALL BE DONE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODES, LAWS AND REGULATIONS.
4. COORD. WORK ON THIS SHEET WITH WORK ON CORRELATING AND ADJ. MEP/FP/STRUCT/RCP/ FLOOR FINISH, EQUIP. ETC. SHEETS.
5. SEE G SERIES SHEETS FOR ABBREVIATIONS, DWG INDEX, CODE
6. ORIGINAL CONSTRUCTION DOCUMENTS EXIST AND ARE AVAILABLE FOR REVIEW.
7. COORDINATE ITEMS TO BE SALVAGED FOR THE OWNER (DOORS, HARDWARE, SIGNS, ETC.)
8. IF A CONFLICT ARISE BETWEEN THE DESIGN DOCUMENTS OR MANUFACTURER'S RECOMMENDATIONS, THE MORE STRINGENT WILL PREVAIL.

GENERAL MASONRY NOTES:

ALL INTERIOR MASONRY EXPOSED EDGES, CASED OPENING AND DOORWAYS OPENING TO HAVE BULL NOSE RETURNS

EXTERIOR ELEVATIONS



KEY PLAN

NOT TO SCALE

ISSUANCE		
NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

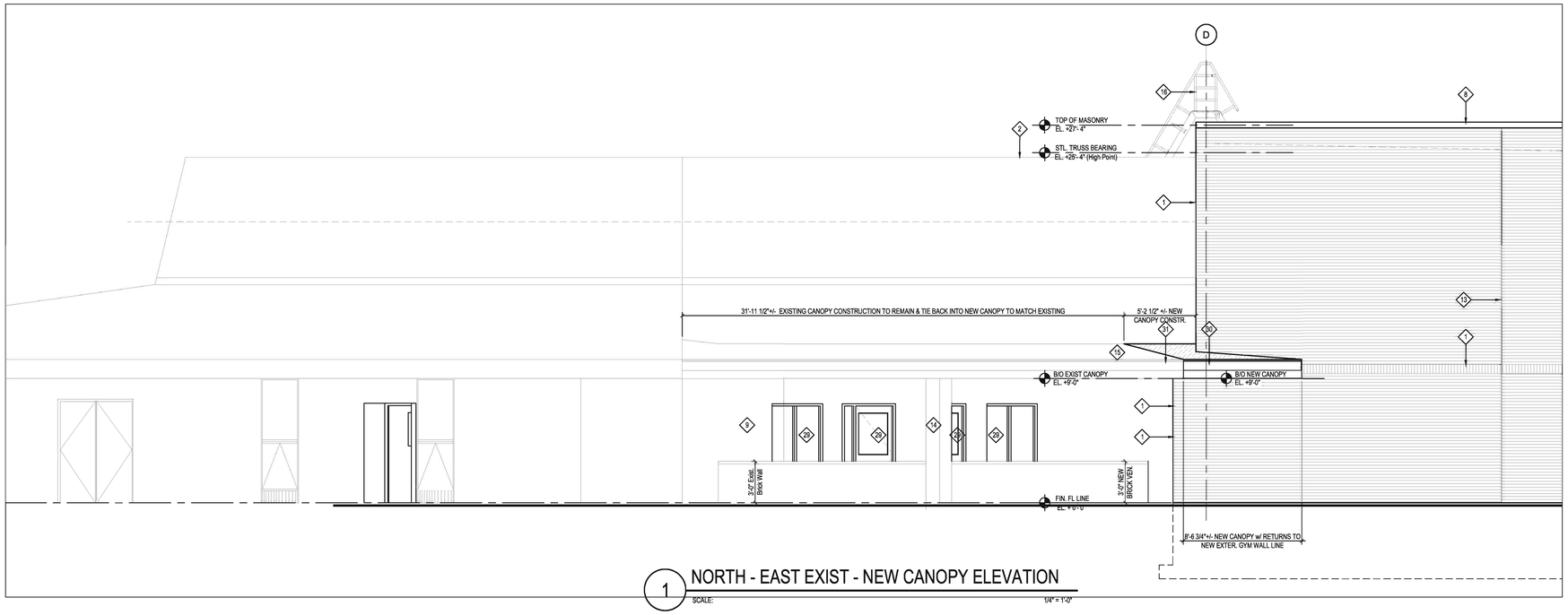
DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A3.11

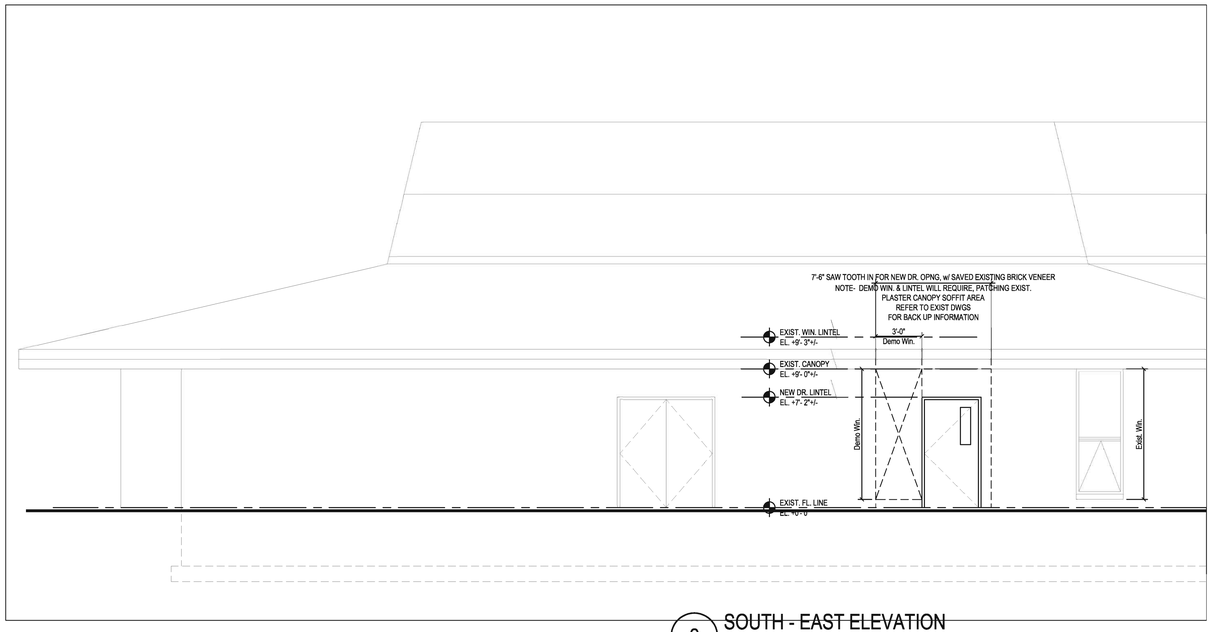
HAGNEY JOB NO. C1824

FILE: Z:\Autodesk\Dwg\C1824 Carlson School Expansion\CA\Current Drawings\CA\SC1824_A3.11.dwg
PLOTTED: 4/6/2017 10:46:44 PM
(1:204 Hagney Architects)



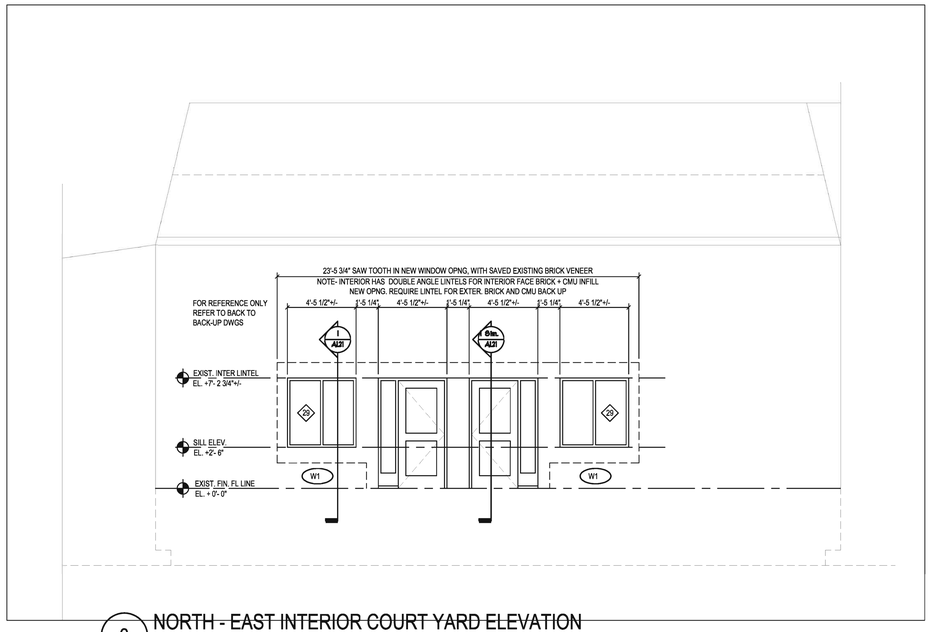
1 NORTH - EAST EXIST - NEW CANOPY ELEVATION

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



2 SOUTH - EAST ELEVATION

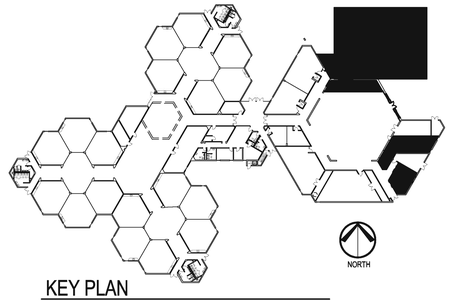
SCALE: 1/4" = 1'-0"



3 NORTH - EAST INTERIOR COURT YARD ELEVATION

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

ELEVATIONS



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

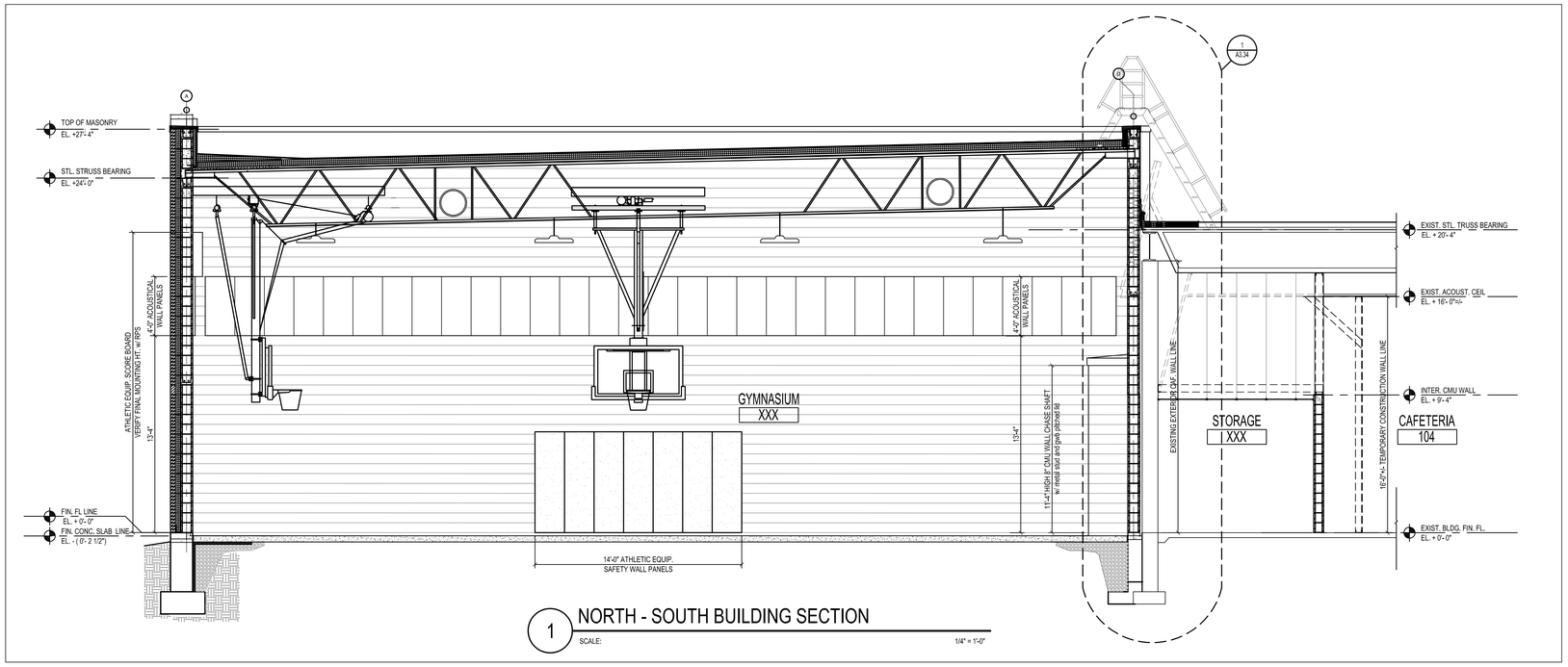
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A3.20

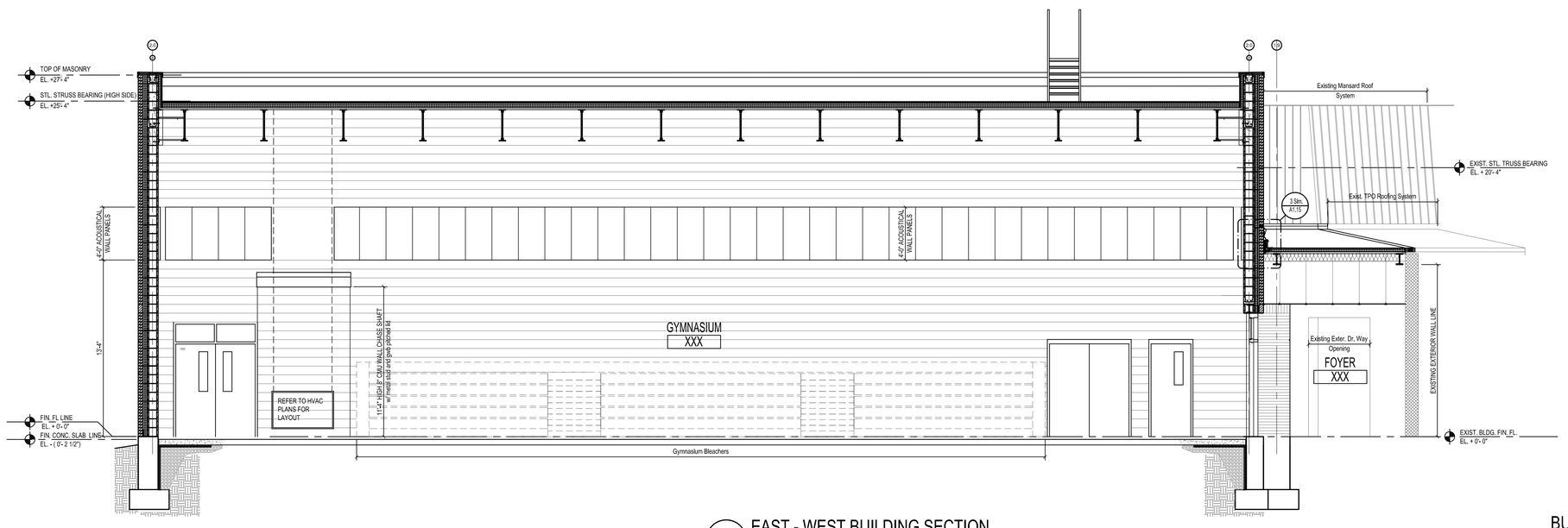
HAGNEY JOB NO. C1824

FILE- Z:\Vcadsh\Dwg\C1824 Carlson School Gymnasium\CD's\C1824_A3.20.dwg
PLOTTED: 4/05/2016 1:46:14 PM
(C-2014 Hagney Architects)



1 NORTH - SOUTH BUILDING SECTION

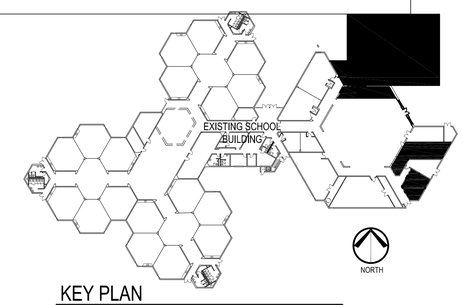
SCALE: 1/4" = 1'-0"



2 EAST - WEST BUILDING SECTION

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

BUILDING SECTION



KEY PLAN

NOT TO SCALE

ISSUANCE		
NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

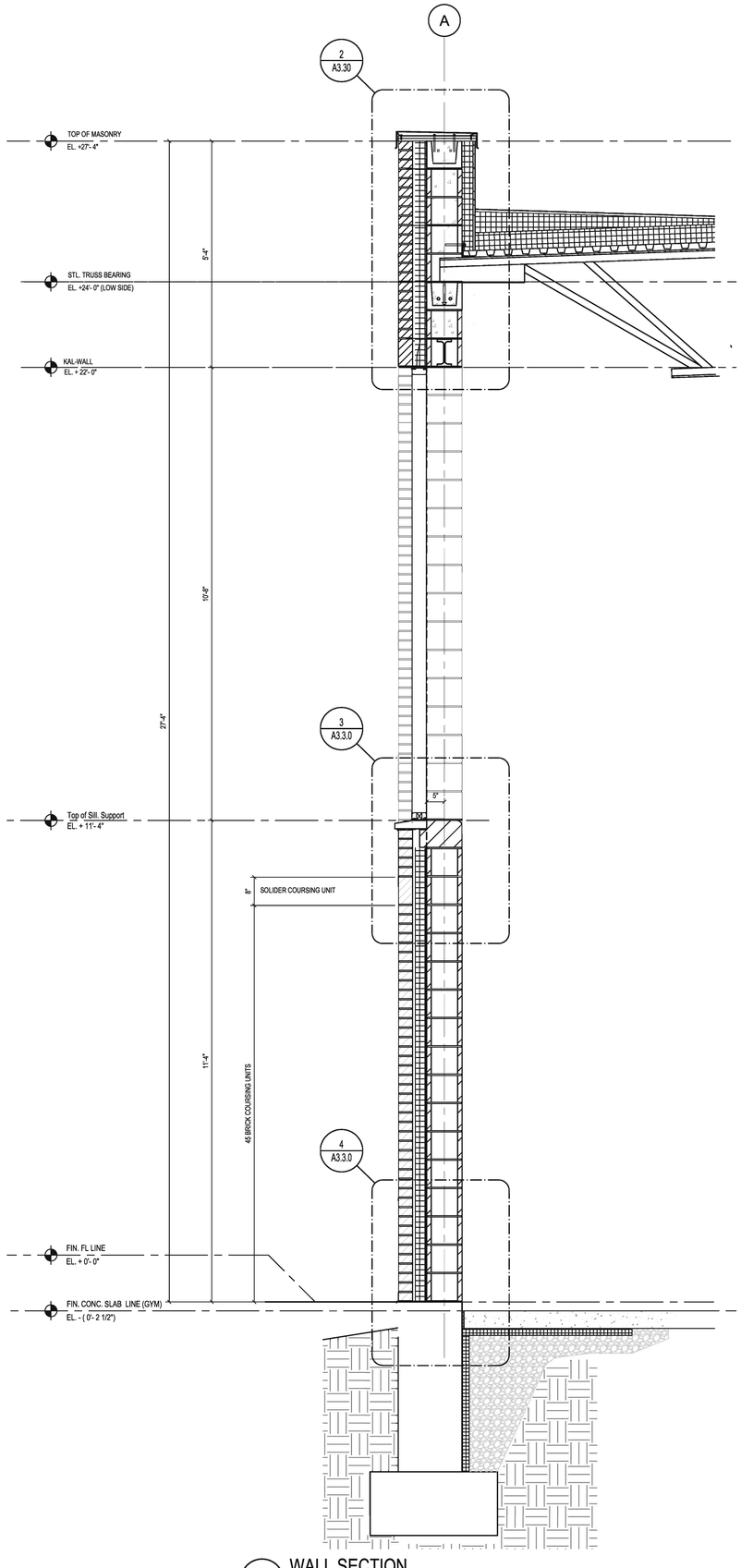
DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

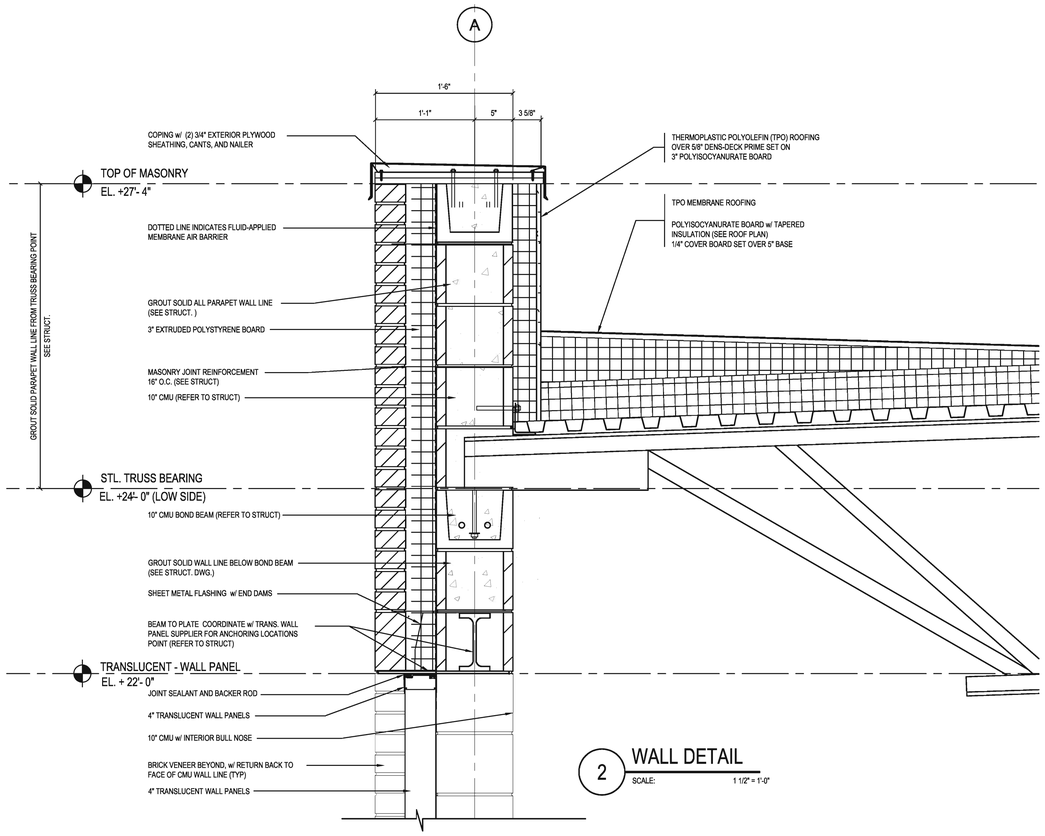
SHEET NO.
A3.21

HAGNEY JOB NO. C1824

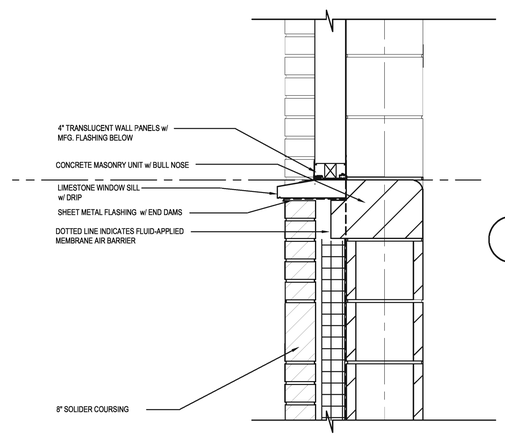
FILE: E:\Acadsrh\Dwg\C1824 Carlson School Gymnasium\CA\Current Drawings\CA\A3\C1824_A3.21.dwg
PLOTTED: 4/7/2017 9:44 AM PM
(C 2014 Hagney Architects)



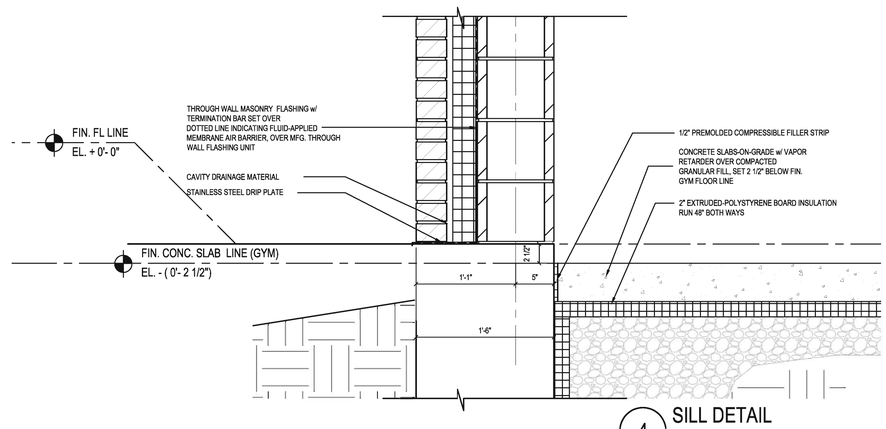
1 WALL SECTION
SCALE: 3/4" = 1'-0"



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

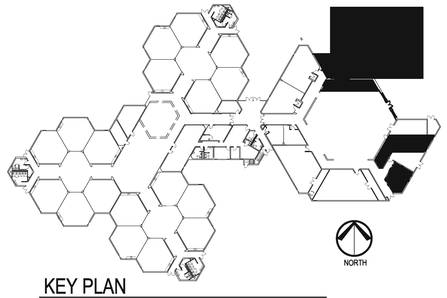


3 SILL / TRANS DETAIL
SCALE: 1 1/2" = 1'-0"



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

GYMNASIUM WALL DETAIL



KEY PLAN
NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS INC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

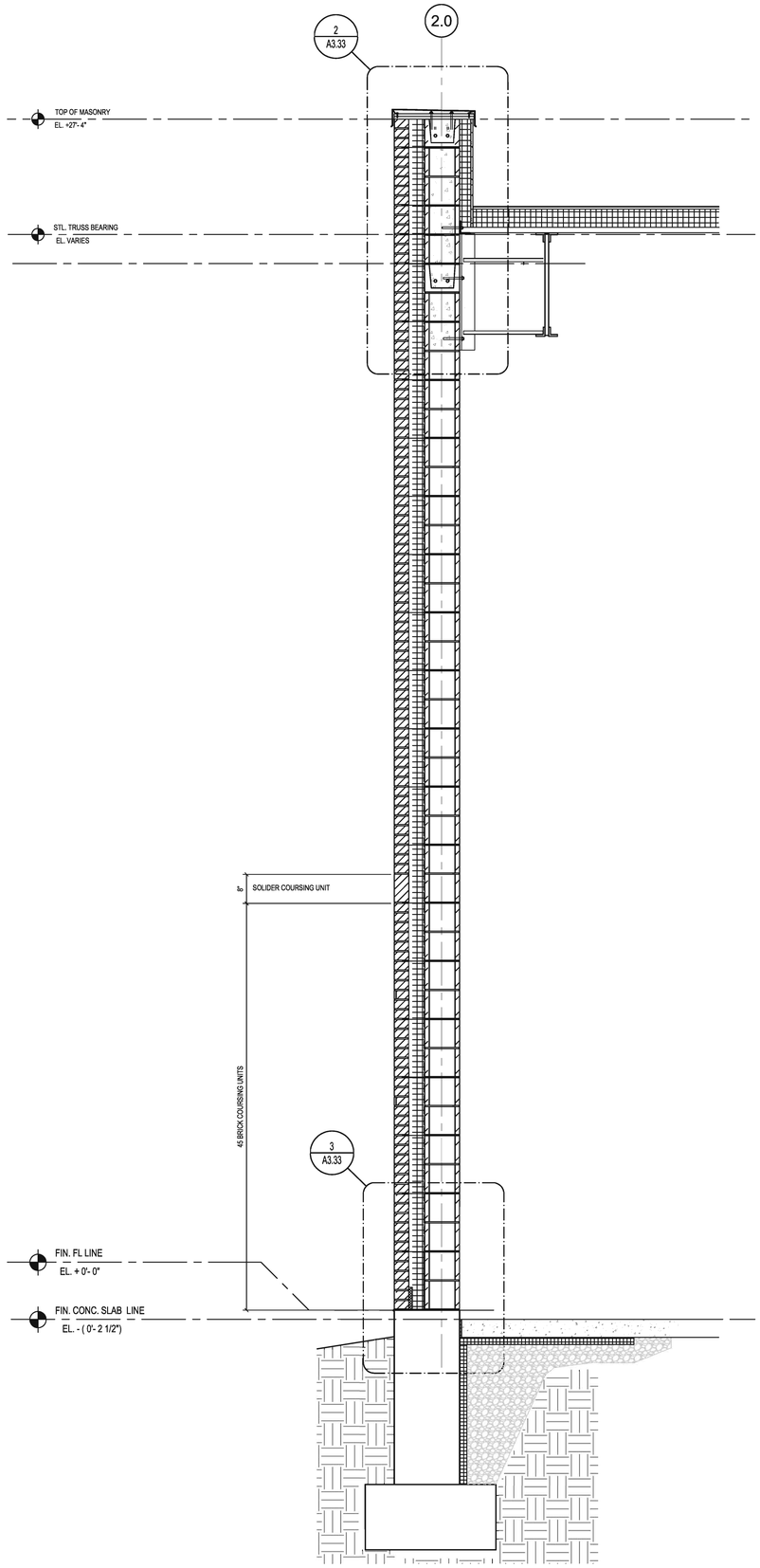
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

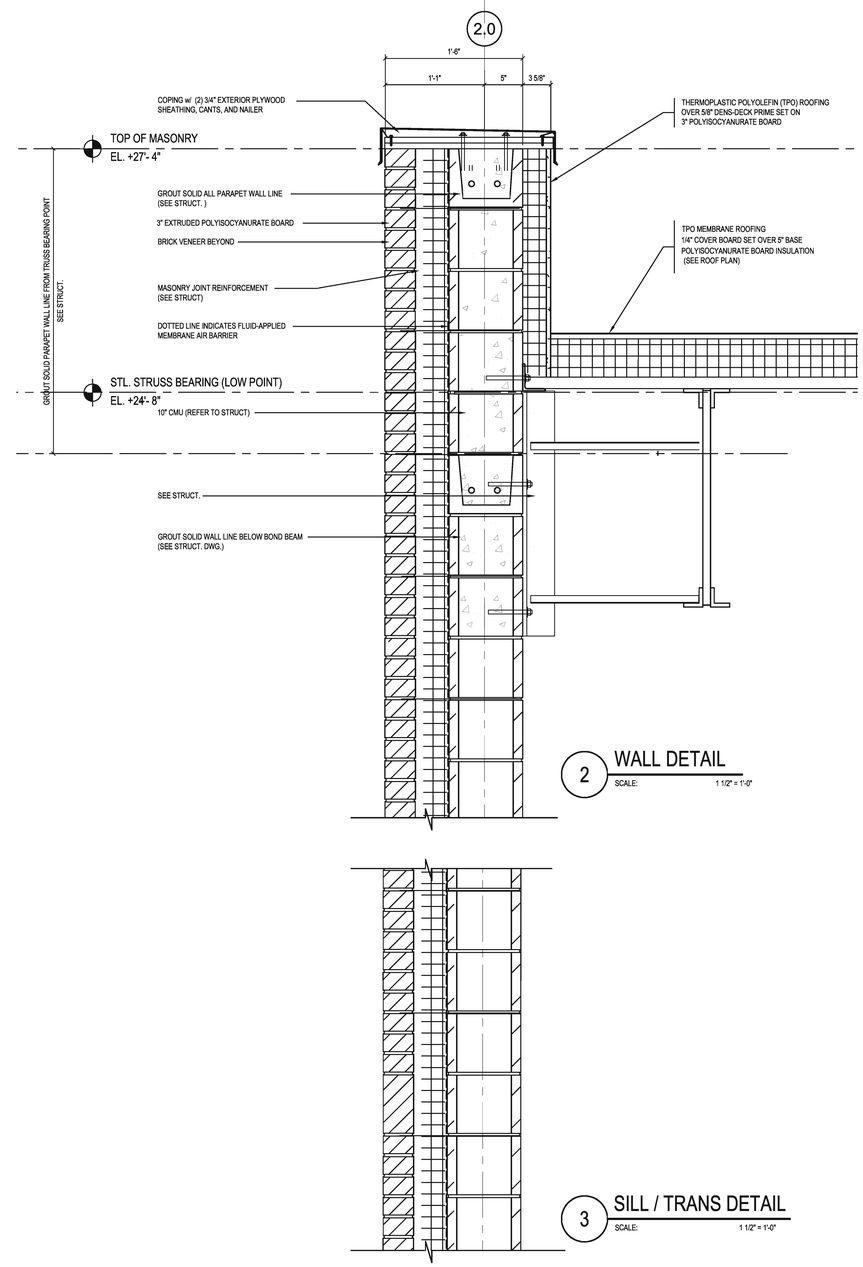
SHEET NO.
A3.30

HAGNEY JOB NO. C1824

FILE: Z:\Validation\C1824 Carlson School Gymnasium\CDVS\C1824_A330.dwg
PLOTTED: 4/6/2017 9:46 AM PM
(C-2014 Hagney Architects)

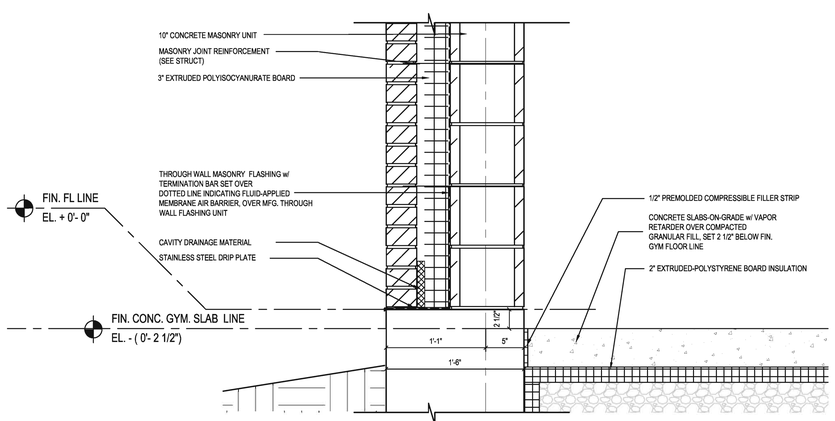


1 WALL SECTION
SCALE: 3/4" = 1'-0"



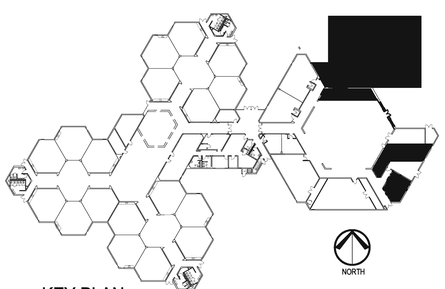
2 WALL DETAIL
SCALE: 1 1/2" = 1'-0"

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



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

GYMNASIUM WALL DETAIL



KEY PLAN
NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

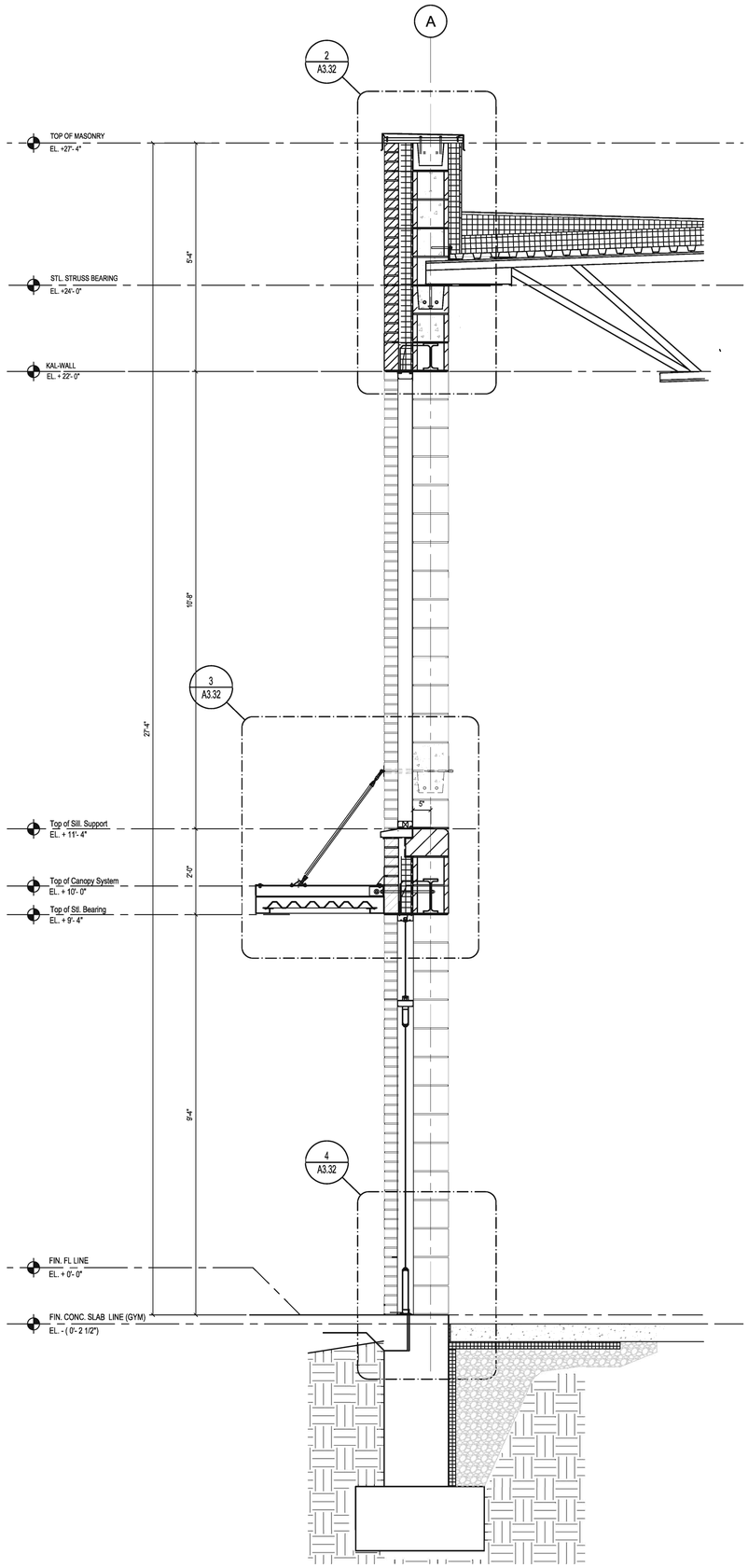
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

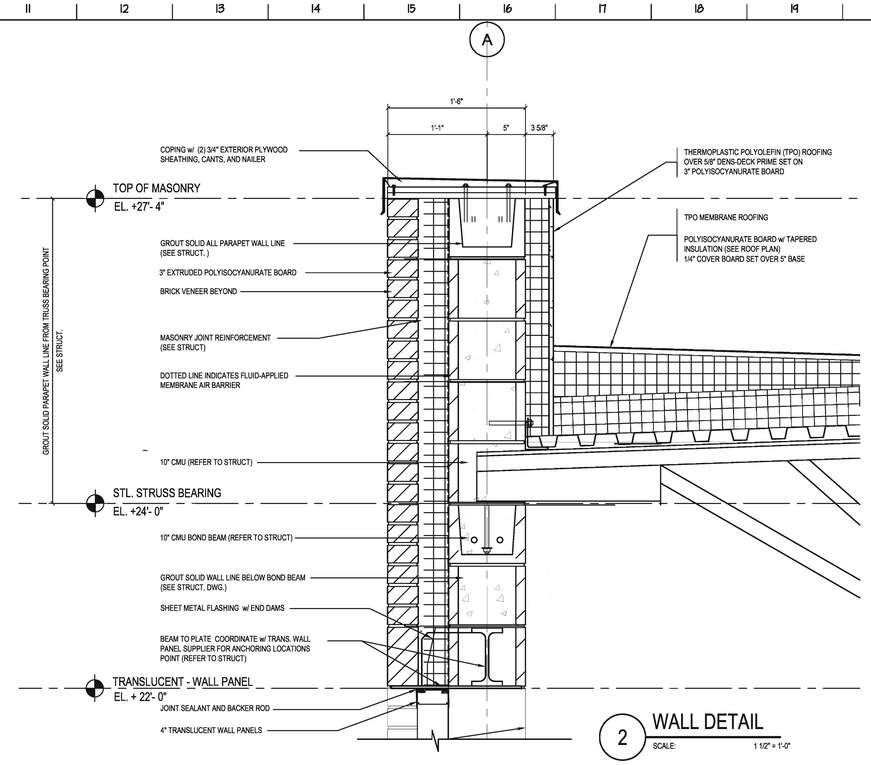
SHEET NO.
A3.31

HAGNEY JOB NO. C1824

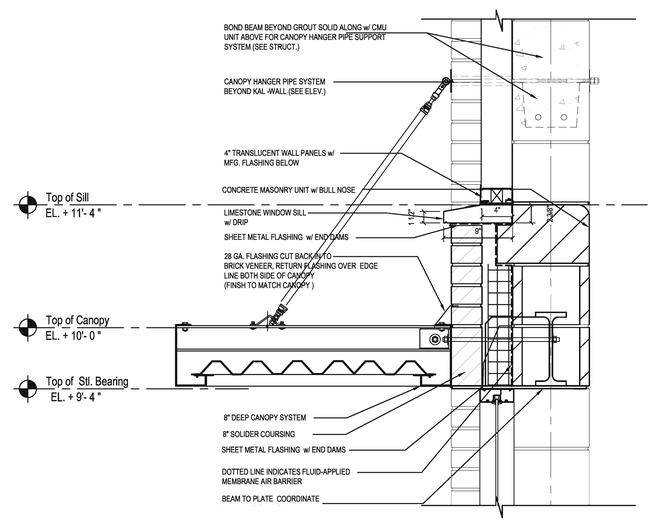
FILE: Z:\Autodesk\Dwg\C1824 Carlson School Gymnasium\CD\VSC\B24_A3.31.dwg
PLOTTED: 4/7/2017 9:44 AM
(1:2014 Hagney Architects)



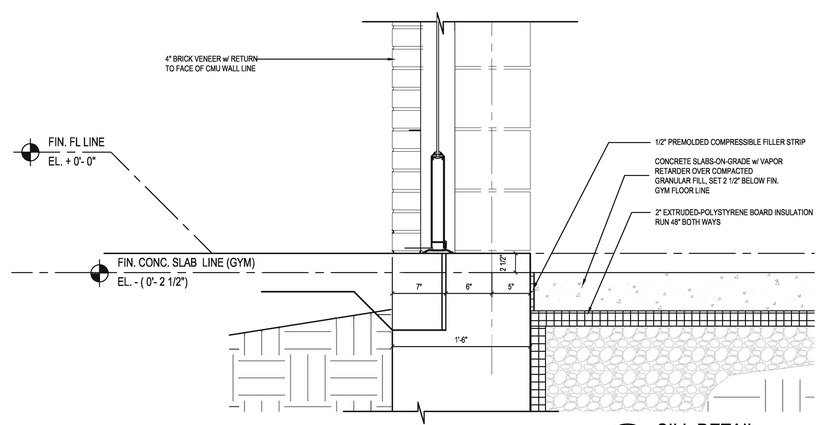
1 WALL SECTION
SCALE: 3/4" = 1'-0"



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

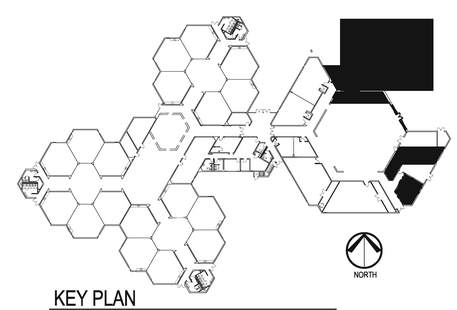


3 CANOPY DETAIL
SCALE: 1 1/2" = 1'-0"



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

GYMNASIUM WALL DETAIL



KEY PLAN
NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

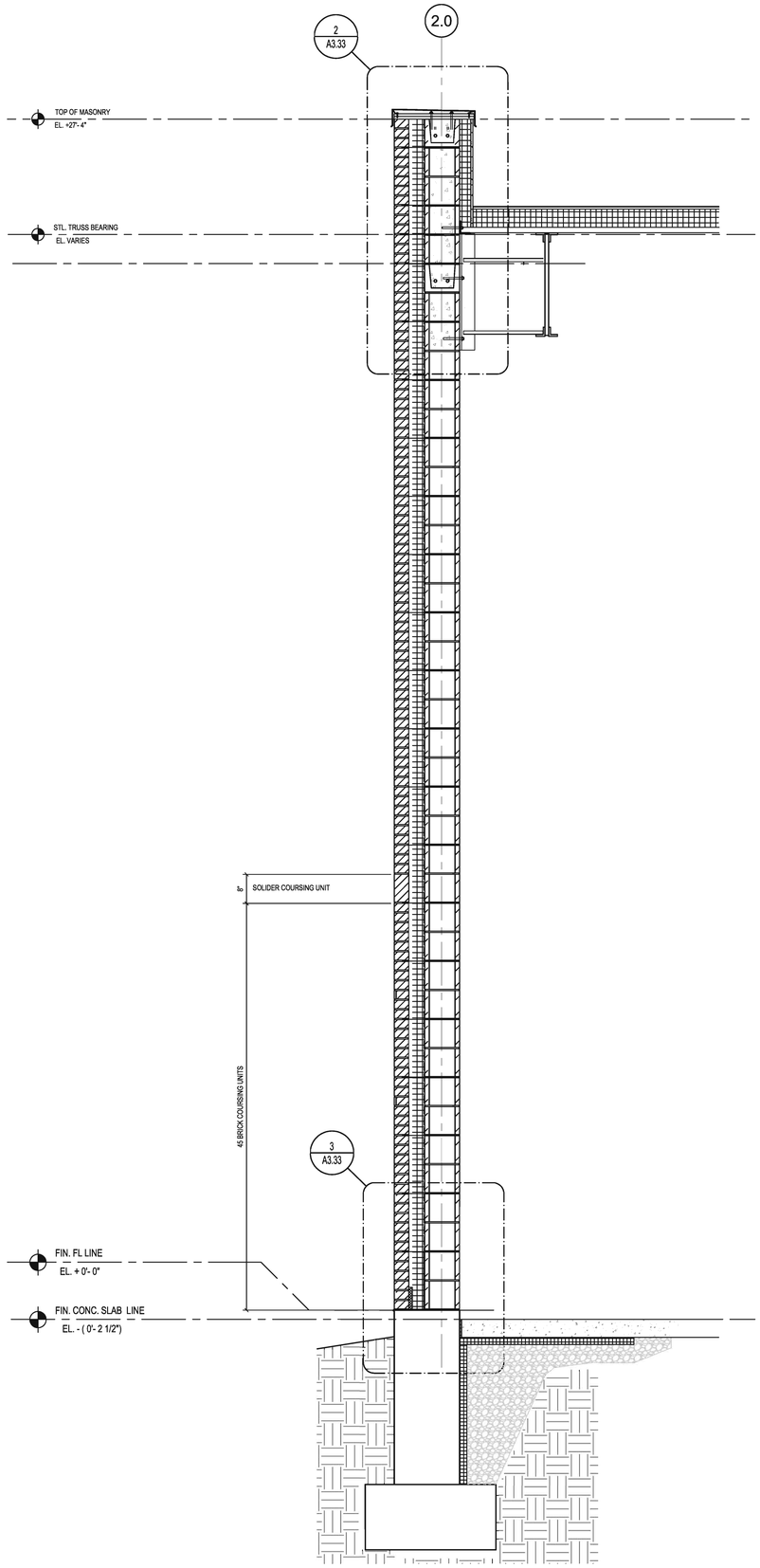
DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

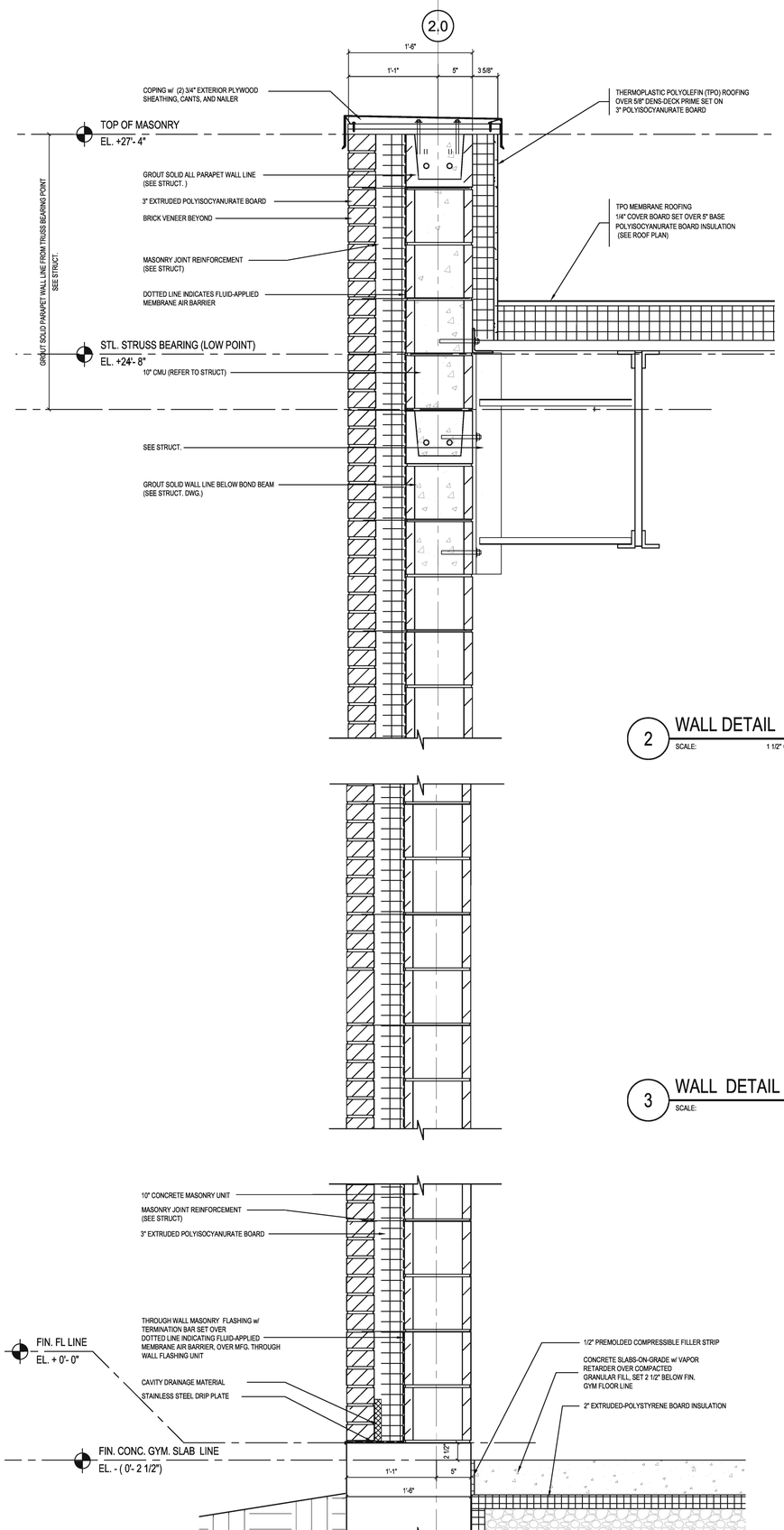
SHEET NO.
A3.32

HAGNEY JOB NO. C1824

FILE: Z:\Acad\Dwg\C1824 Carlson School Gymnasium\CD\VS\C1824_A3.32.dwg
PLOTTED: 4/7/2017 9:46:41 AM PM
(©2014 Hagney Architects)



1 WALL SECTION
SCALE: 3/4" = 1'-0"

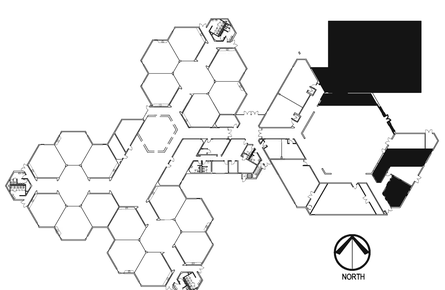


2 WALL DETAIL
SCALE: 1 1/2" = 1'-0"

3 WALL DETAIL
SCALE: 1 1/2" = 1'-0"

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

GYMNASIUM WALL SECTION



KEY PLAN
NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS INC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

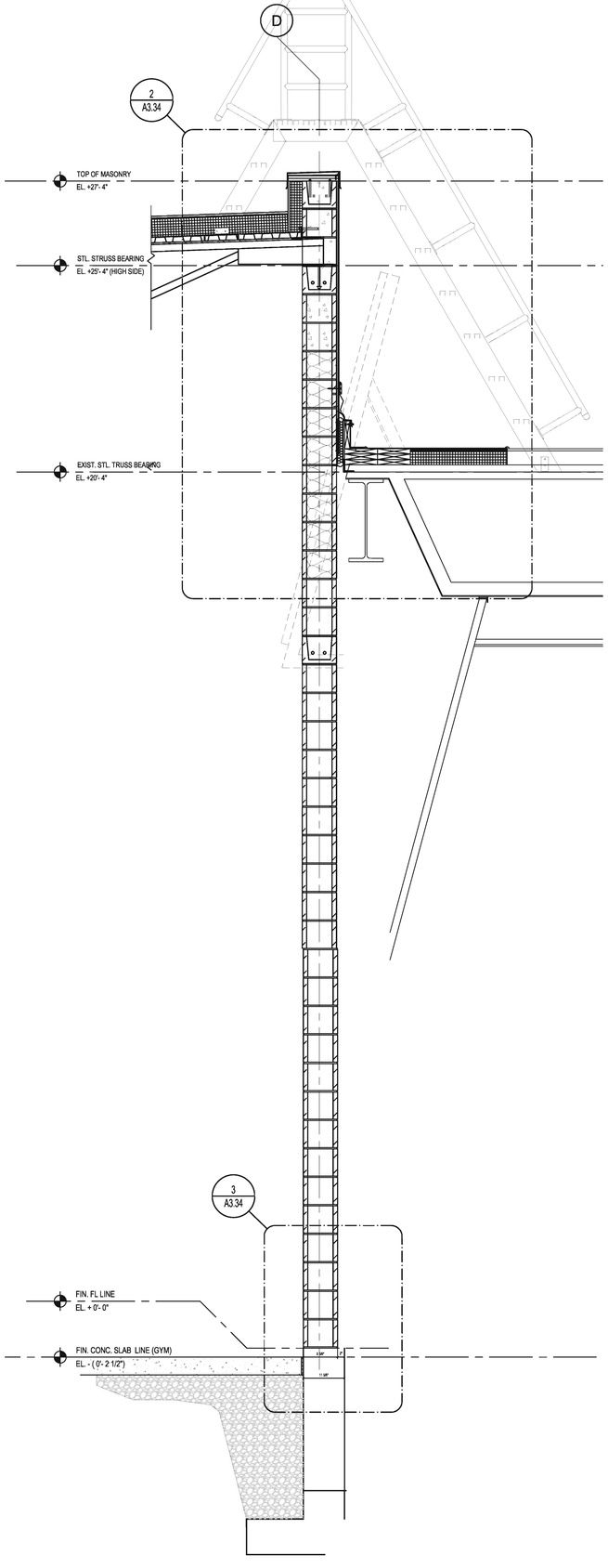
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

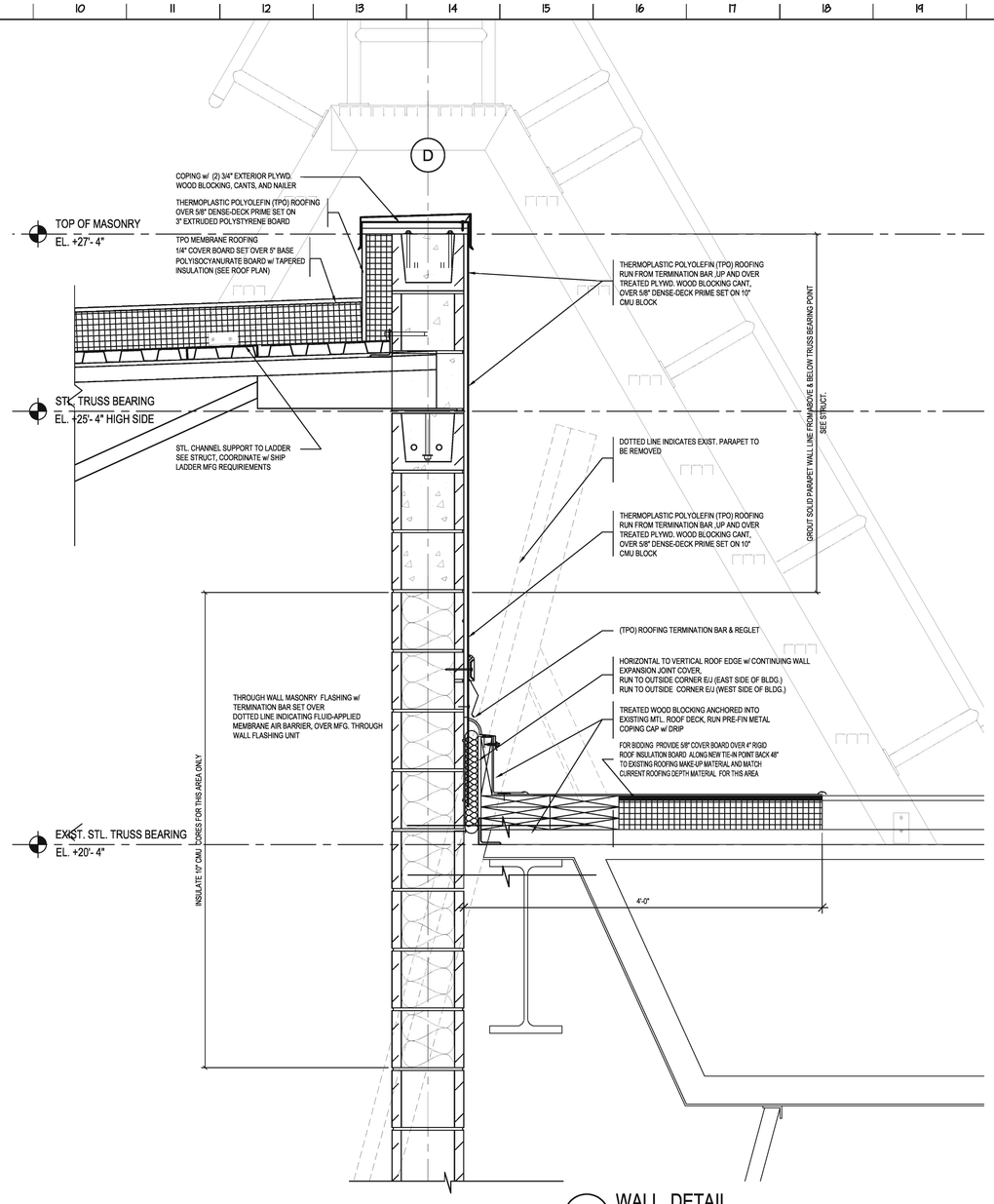
SHEET NO.
A3.33

HAGNEY JOB NO. C1824

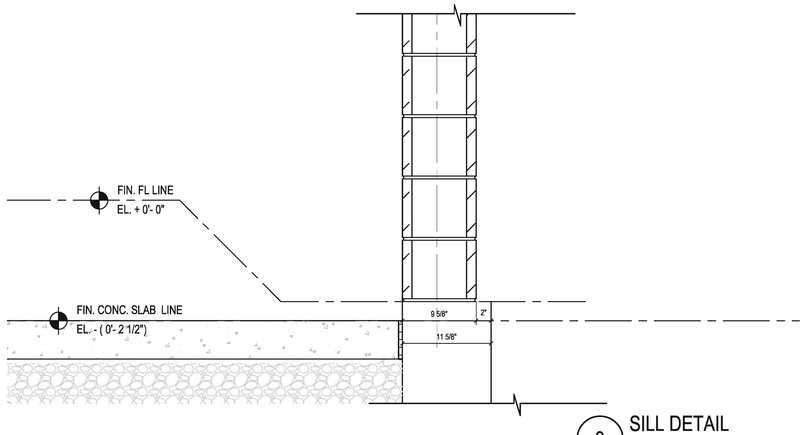
FILE: Z:\Acad\Dwg\C1824 Carlson School Gymnasium\CD's\C1824_A3.33.dwg
PLOTTED: 4/7/2017 9:44 AM
(1:2014 Hagney Architects)



1 WALL SECTION
SCALE: 3/4" = 1'-0"

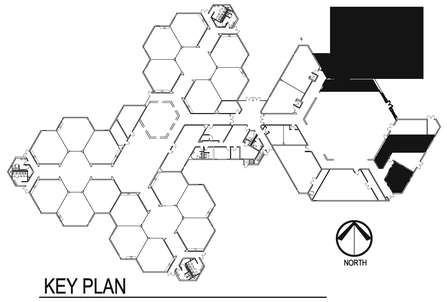


2 WALL DETAIL
SCALE: 1 1/2" = 1'-0"



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

GYMNASIUM WALL SECTION / EXIST. BLDG.



KEY PLAN
NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS INC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

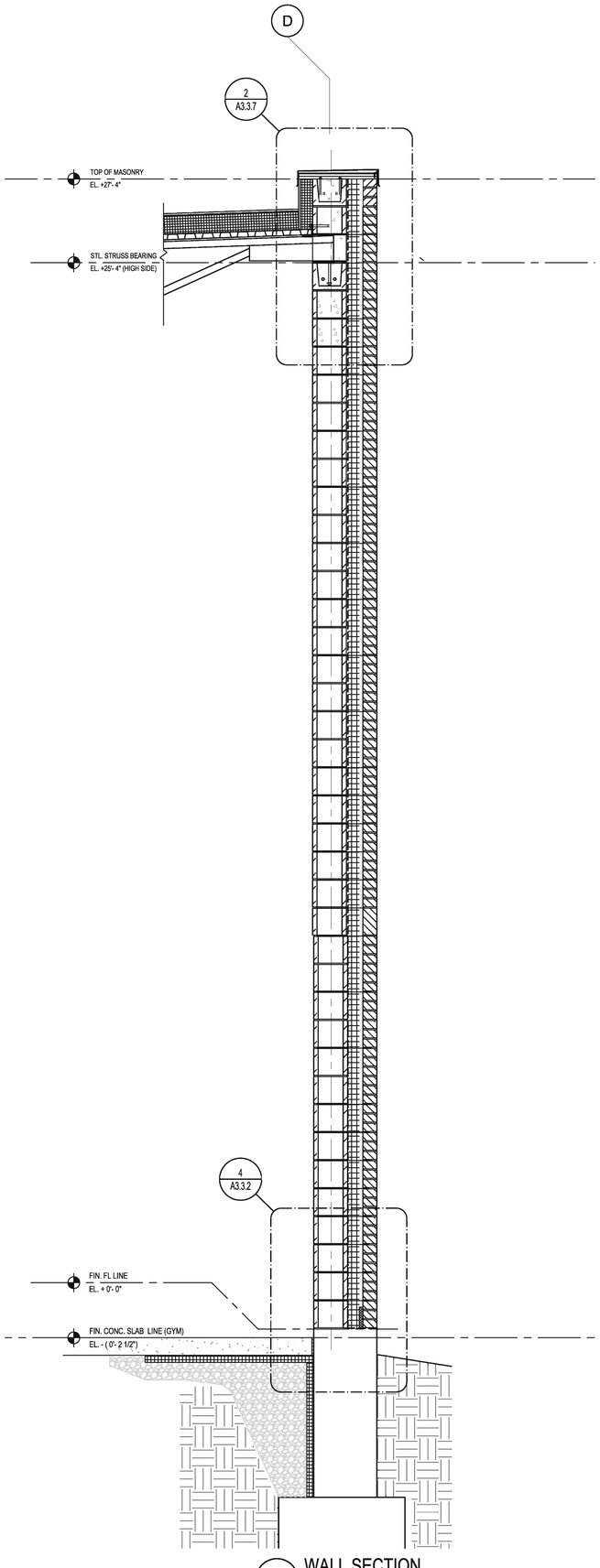
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

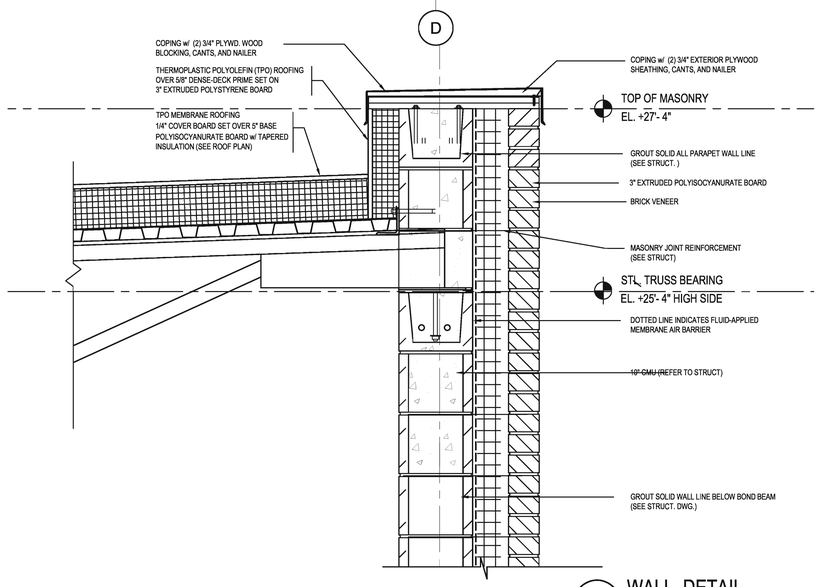
SHEET NO.
A3.34

HAGNEY JOB NO. C1824

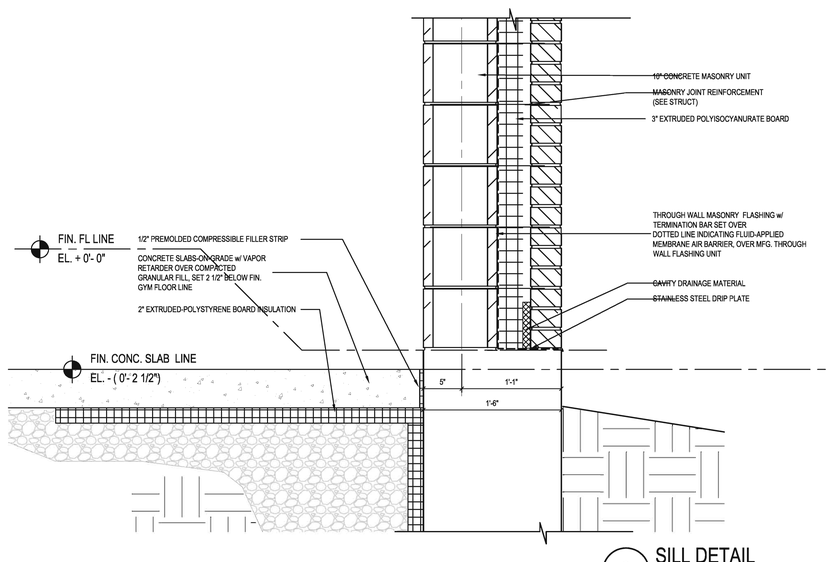
FILE: Z:\Acad\Dwg\C1824 Carlson School Gymnasium\CD's\C1824_A3.34.dwg
PLOTTED: 4/7/2017 4:44 PM
(1:2)



1 WALL SECTION
SCALE: 3/4" = 1'-0"

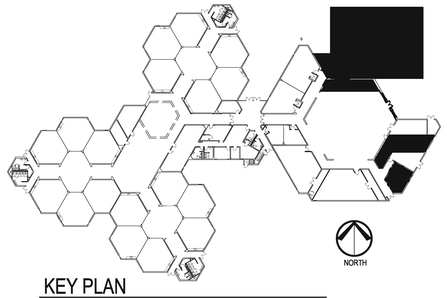


2 WALL DETAIL
SCALE: 1 1/2" = 1'-0"



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

GYMNASIUM WALL SECTION / EXIST. COURT YARD



KEY PLAN
NOT TO SCALE

ISSUANCE		
NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

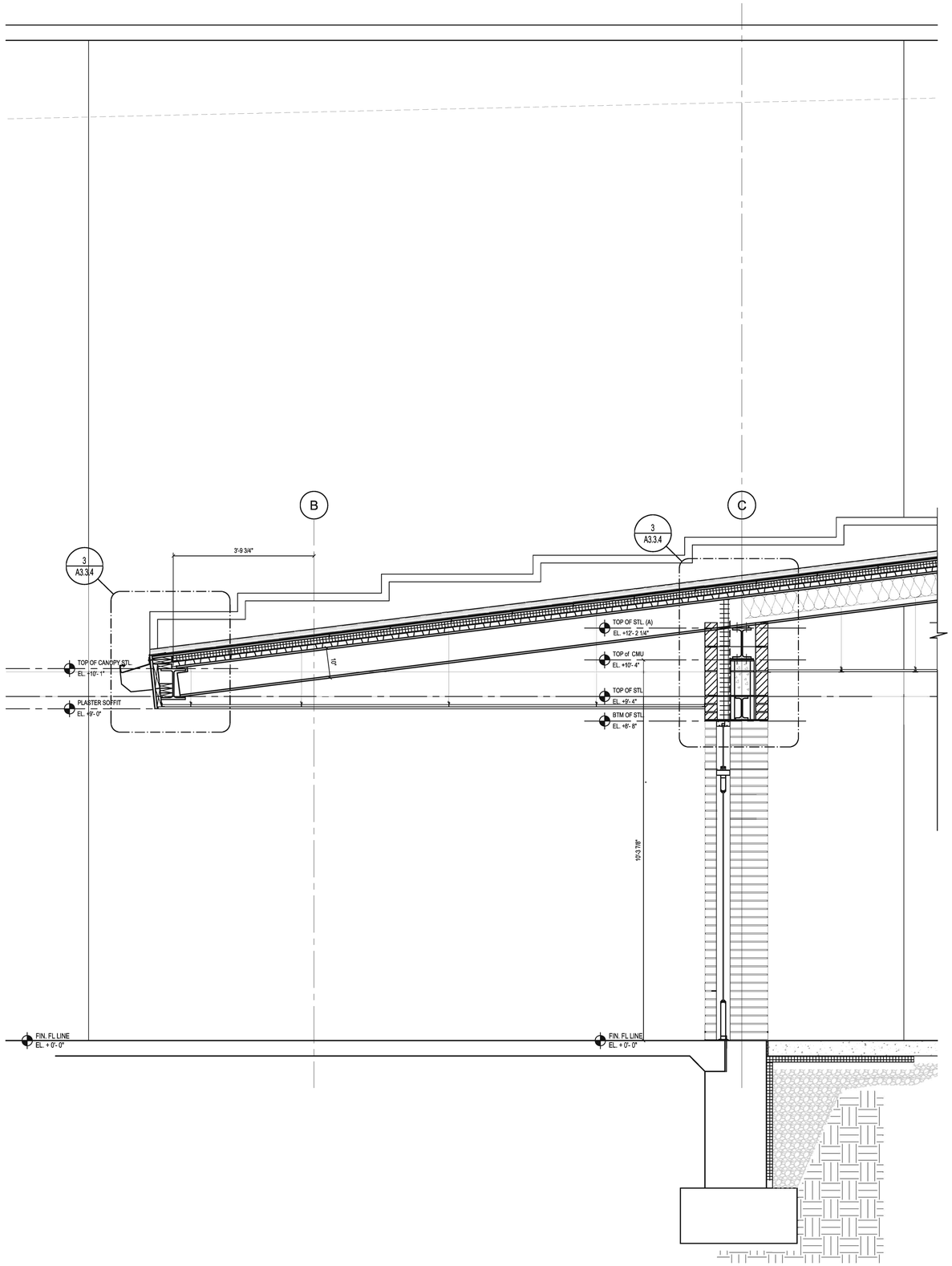
DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

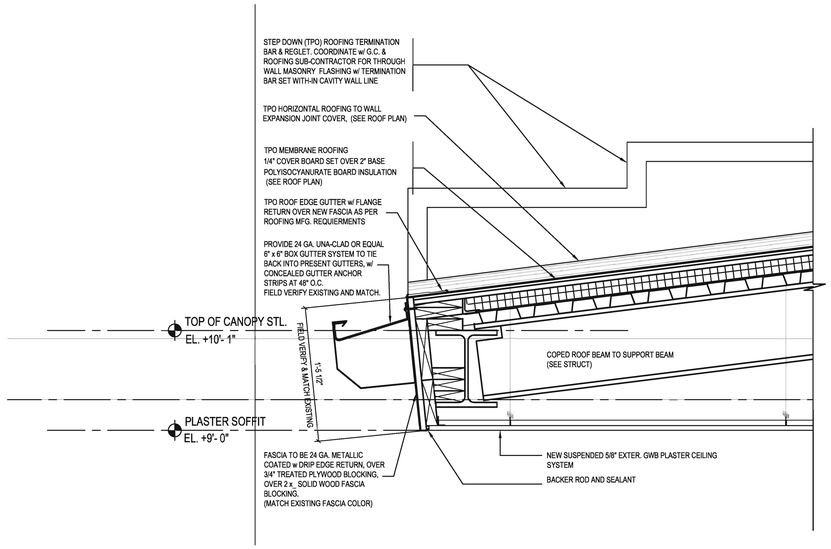
SHEET NO.
A3.35

HAGNEY JOB NO. C1824

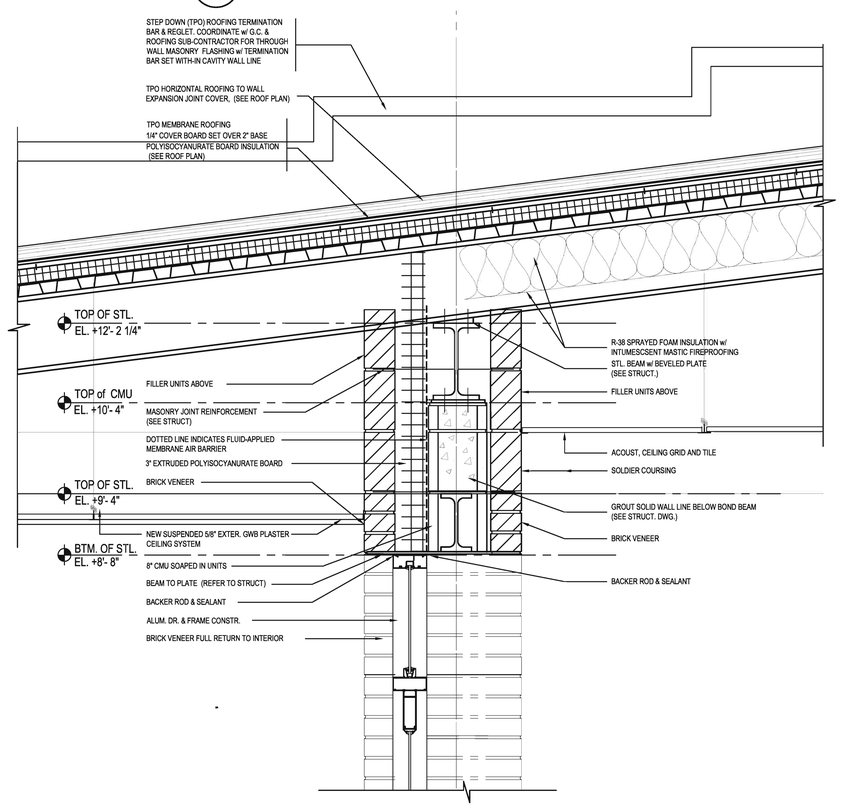
FILE: E:\Autodesk\Dwg\C1824 Carlson School Gymnasium\CD's\C1824_A335.dwg
PLOTTED: 4/6/2017 9:44 AM
(c-2014 Hagney Architects)



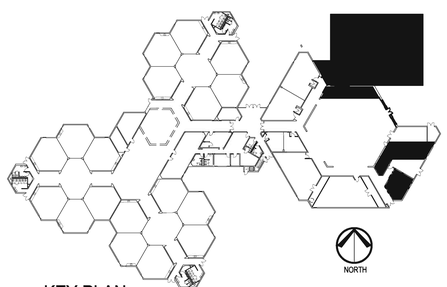
1 WALL SECTION
SCALE: 3/4" = 1'-0"



2 CANOPY SOFFIT DETAIL
SCALE: 1 1/2" = 1'-0"



3 CANOPY SOFFIT DETAIL
SCALE: 1 1/2" = 1'-0"



KEY PLAN
NOT TO SCALE

ISSUANCE		
NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

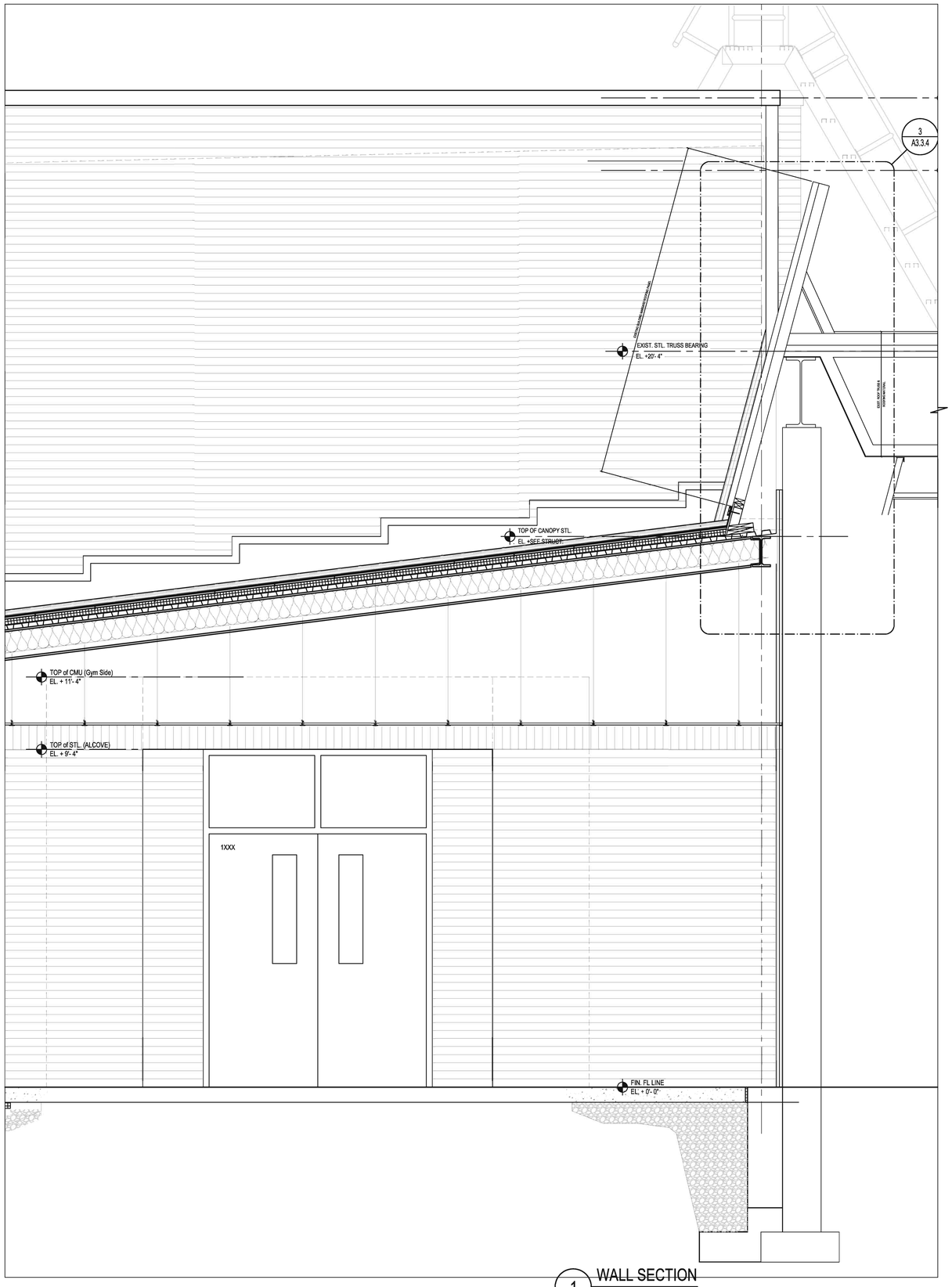
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A3.36

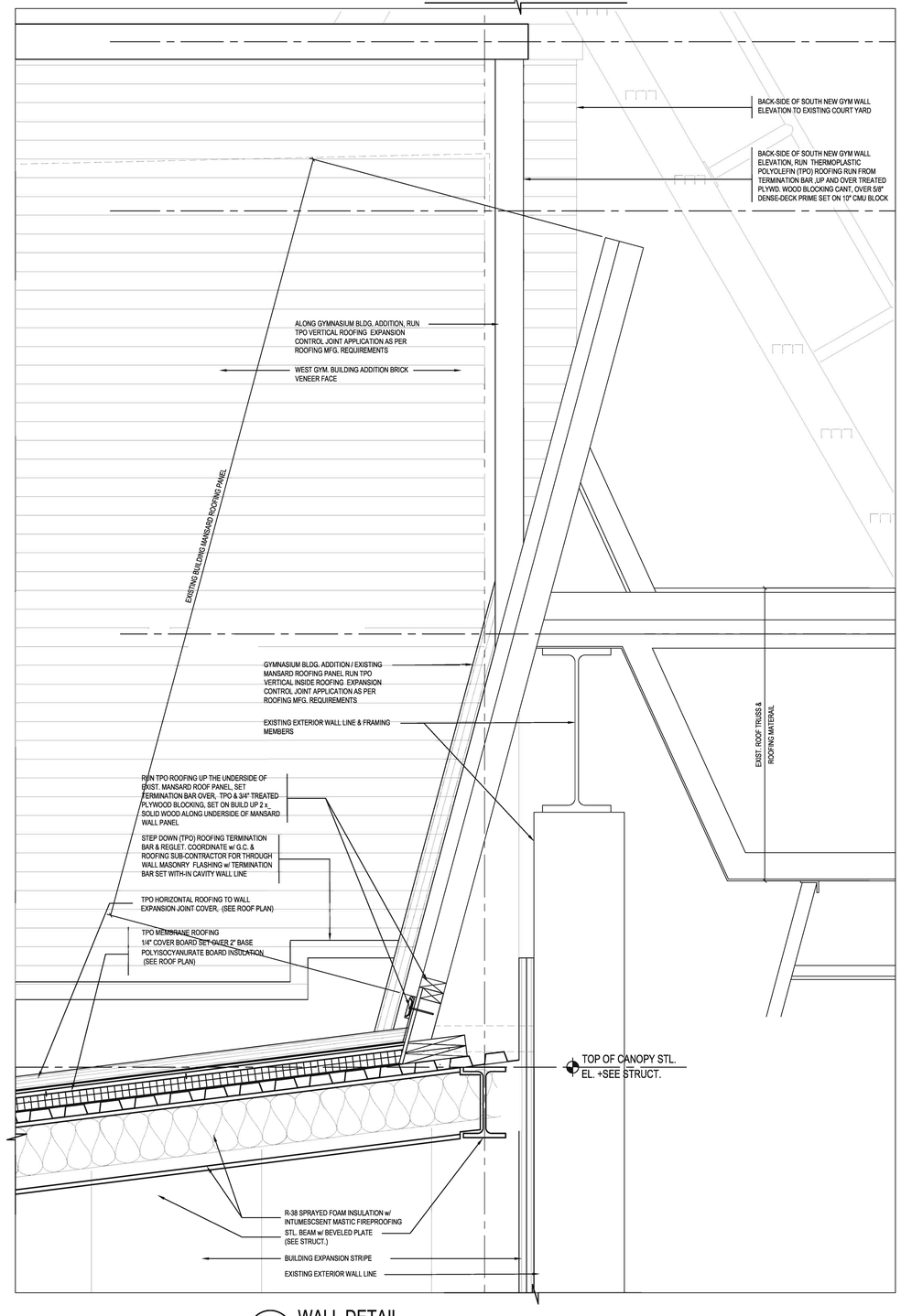
HAGNEY JOB NO. C1824

FILE: Z:\Acad\Dwg\C1824 Carlson School Gymnasium\CD\VS\C1824_A3.36.dwg
PLOTTED: 4/7/2017 3:44:41 PM
(C)2014 Hagney Architects)



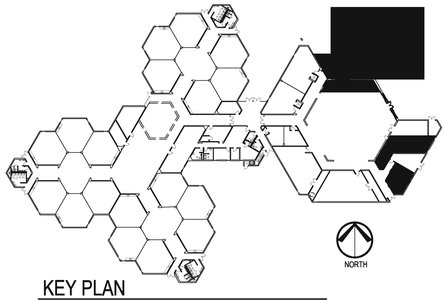
1 WALL SECTION

SCALE: 3/4" = 1'-0"



2 WALL DETAIL

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



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

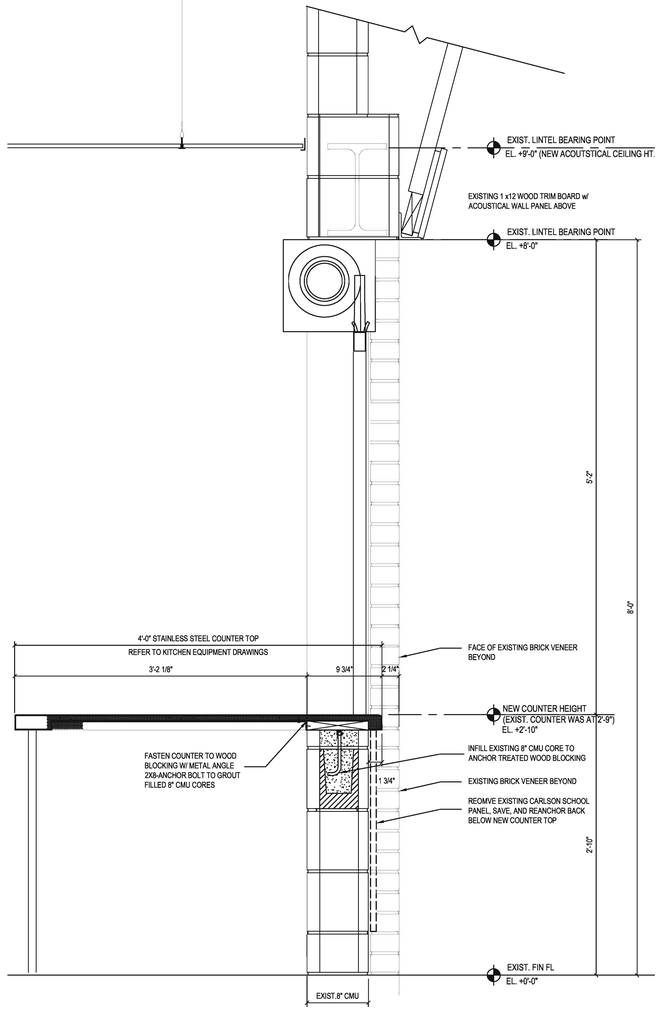
DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

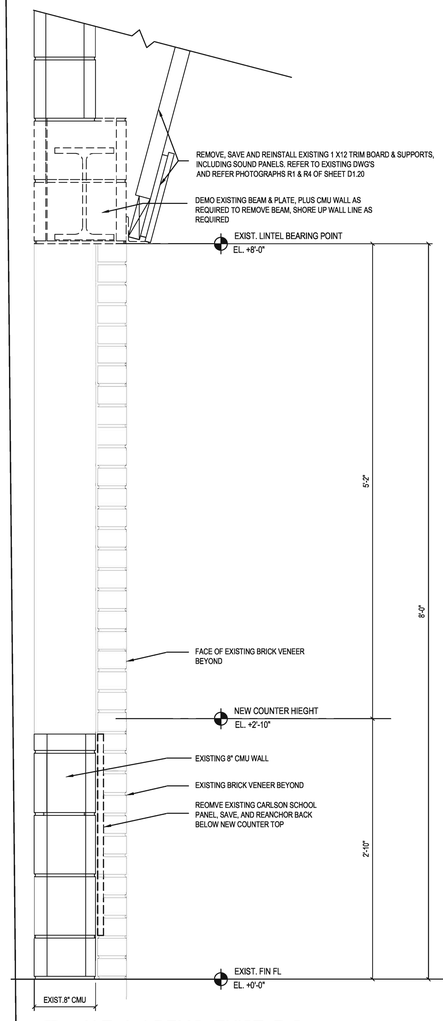
SHEET NO.
A3.37

HAGNEY JOB NO. C1824

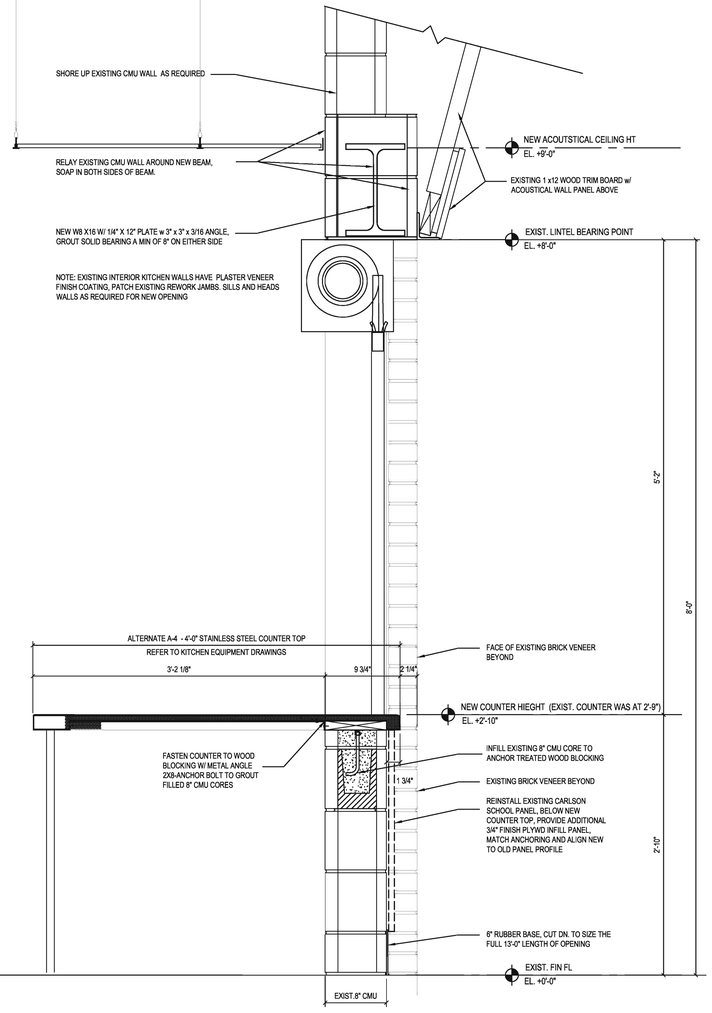
FILE: Z:\Vcadwin\Dwg\C1824 Carlson School Gymnasium\CD\A3\C1824_A3.37.dwg
PLOTTED: 4/6/2016 1:46:14 PM
(C:2014 Hagney Architects)



5 BASE BID KITCHEN COUNTER TOP
SCALE: 1 1/2" = 1'-0"

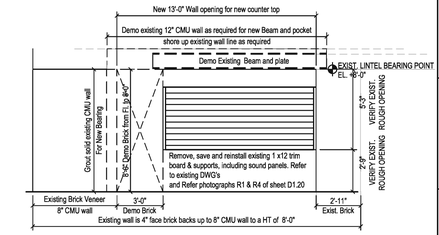


6 ALT. A-4 DEMO EXIST. R.O.
SCALE: 1 1/2" = 1'-0"

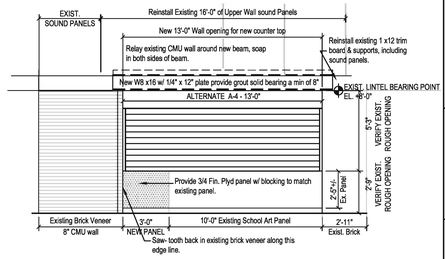


6 ALT. A-4 REVISED KIT. COUNTER TOP
SCALE: 1 1/2" = 1'-0"

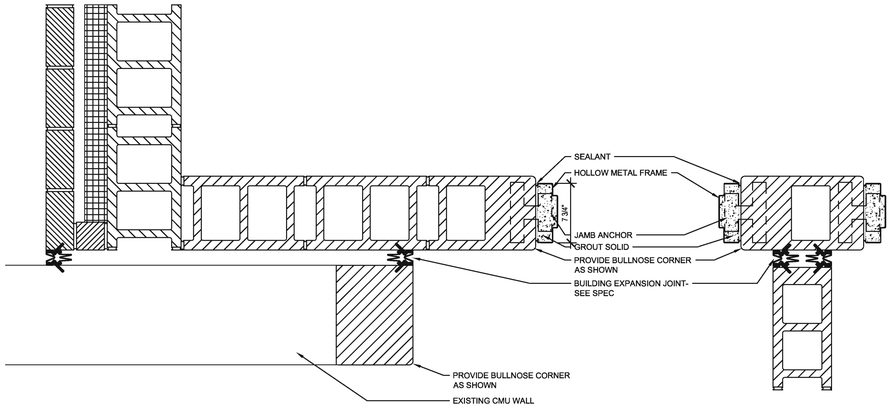
6 ALTERNATE A-4 SCOPE OF WORK FOR LARGER R.O.



6 ALT. A-4 DEMO EXIST. R.O.
SCALE: 1/4" = 1'-0"

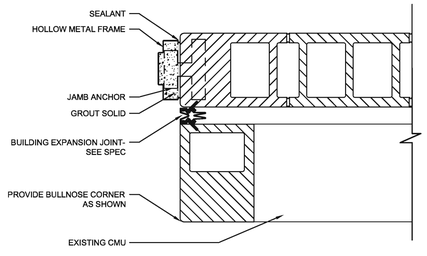


6 ALT. A-4 REVISED KIT. COUNTER TOP
SCALE: 1/4" = 1'-0"



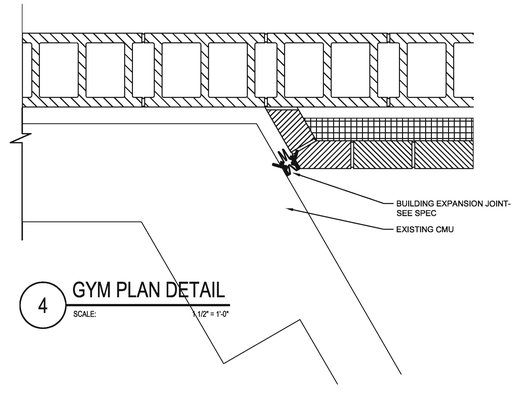
1 GYM PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

5 KITCHEN COUNTER SECTION
SCALE: 1 1/2" = 1'-0"

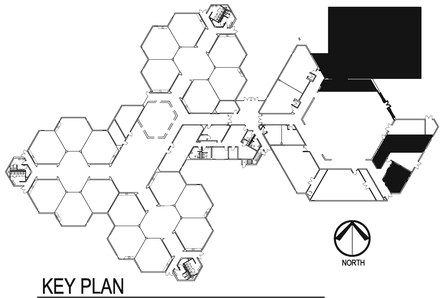


2 GYM PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

3 GYM PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



4 GYM PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



KEY PLAN
NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS INC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

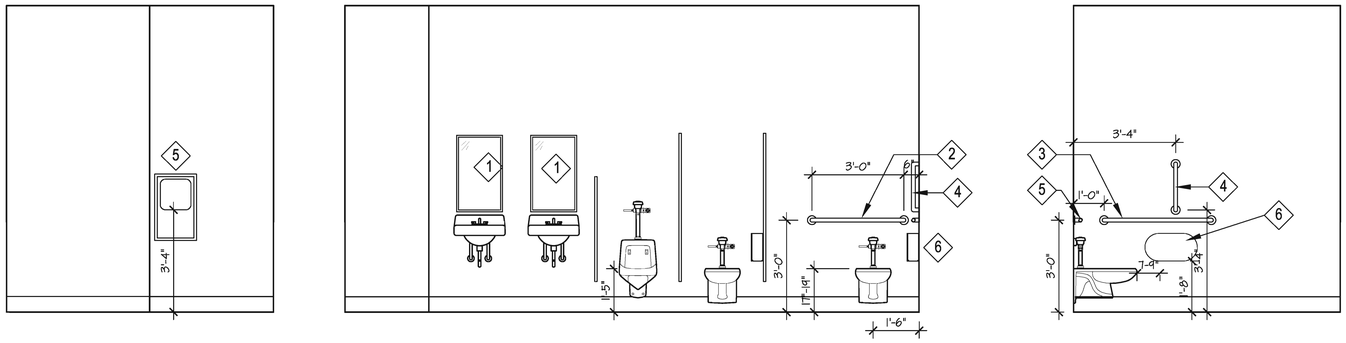
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A3.41

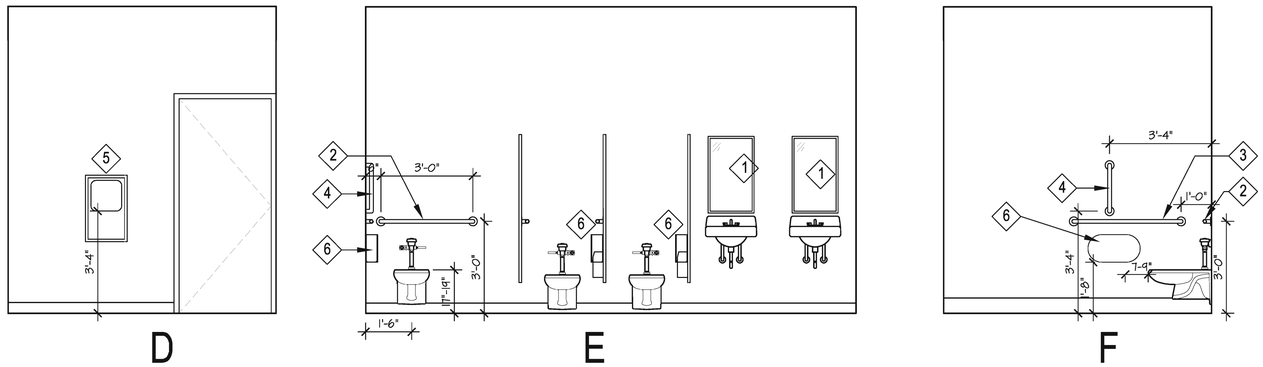
HAGNEY JOB NO. C1824

FILE: Z:\Vcadd\Dwg\C1824 Carlson School Rgmzalm\CD\A3\C1824_A3.41.dwg
PLOTTED: Monday, April 10, 2017 - 9:44 AM
(C)2014 Hagney Architects



BOYS TOILET ROOM ELEVATIONS

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



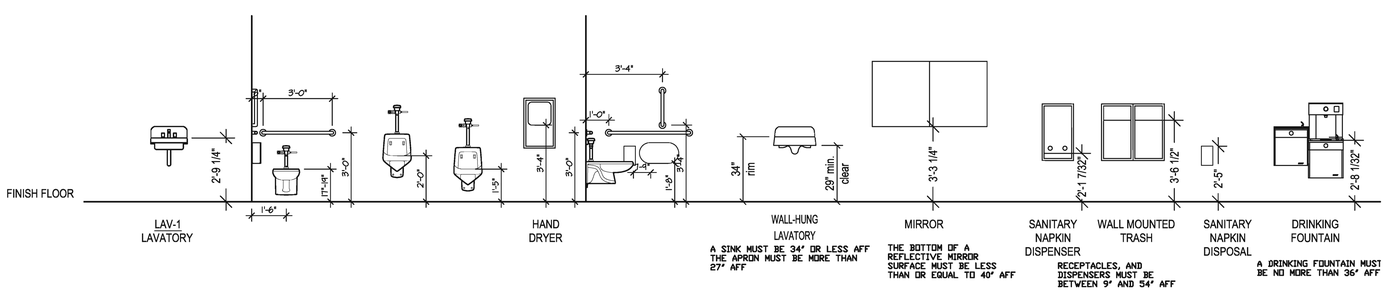
GIRLS TOILET ROOM ELEVATIONS

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

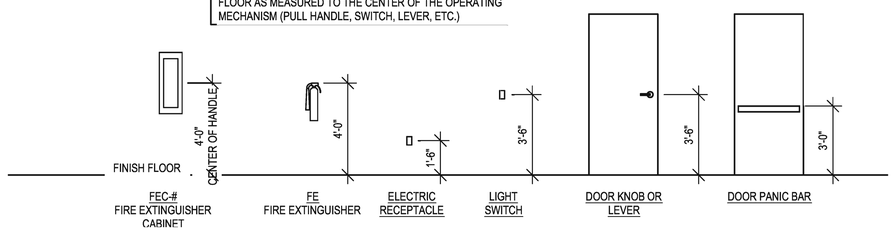
TOILET ACCESSORY SCHEDULE			
MARK	DESCRIPTION	MANUF.	MODEL
1	MIRROR - 30" - FRAMED	-	-
2	36" GRAB BAR	-	-
3	42" GRAB BAR	-	-
4	18" GRAB BAR	-	-
5	HAND DRYER	-	-
6	TOILET TISSUE DISPENSER	-	-

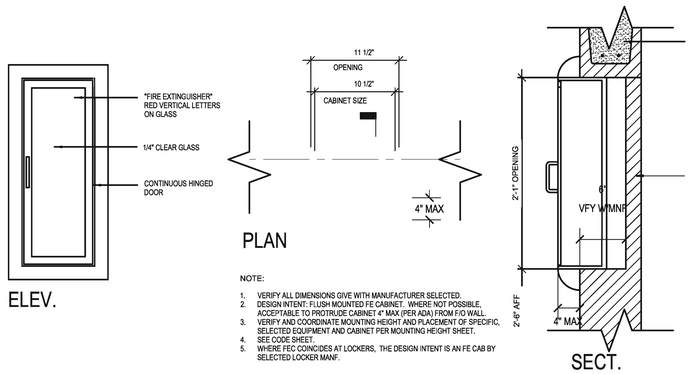
NOTES:

1. SEE SPECIFICATIONS FOR OTHER ACCEPTABLE MANUFACTURERS.
2. IF MOUNTING DIMS ARE NOT SPECIFICALLY SHOWN ON DWGS, MOUNT PER APPLICABLE ACCESSIBILITY CODES.
3. PROVIDE BLOCKING IN WALL FOR ALL ACCESSORIES AS NEEDED. INSTALLATION PER MFR. INSTRUCTIONS.



NOTE: TYPICAL MOUNTING HEIGHT OF ALL PUBLIC ACCESSIBLE EQUIPMENT SHALL BE 48" MAX ABOVE FINISH FLOOR AS MEASURED TO THE CENTER OF THE OPERATING MECHANISM (PULL HANDLE, SWITCH, LEVER, ETC.)



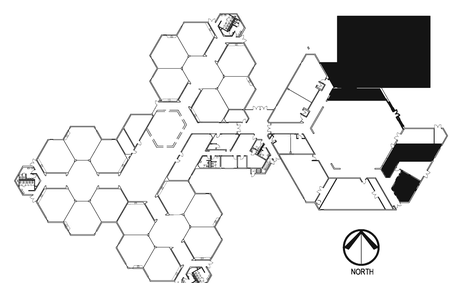


NOTE:

1. VERIFY ALL DIMENSIONS GIVE WITH MANUFACTURER SELECTED.
2. DESIGN INTENT: FLUSH MOUNTED FE CABINET. WHERE NOT POSSIBLE, ACCEPTABLE TO PROTRUDE CABINET 4" MAX (PER ADA) FROM F/O WALL.
3. VERIFY AND COORDINATE MOUNTING HEIGHT AND PLACEMENT OF SPECIFIC, SELECTED EQUIPMENT AND CABINET PER MOUNTING HEIGHT SHEET.
4. SEE CODE SHEET.
5. WHERE FEC COINCIDES AT LOCKERS, THE DESIGN INTENT IS AN FE CAB BY SELECTED LOCKER MANF.

1 FIRE EXTINGUISHER CABINET DETAILS

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



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS INC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

DATE	04-07-17
DRAWN	
CHECKED	
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A4.00

HAGNEY JOB NO. C1824

FILE: Z:\Acadd\DWG\C1824 Carlson School Gymnasium\CD\A\C1824_A4.0.dwg
PLOTTED: 4/7/2017 Mark Fitt
(©2014 Hagney Architects)

FIRST FLOOR REFLECTIVE CEILING PLAN

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

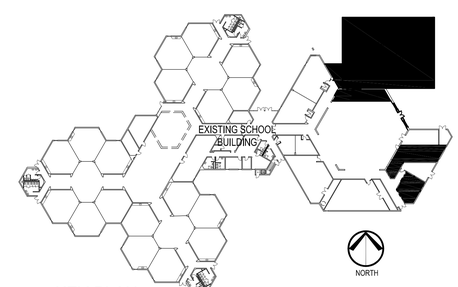
CEILING PLAN KEY NOTES FOR SHEET A6.00 & A6.10

THESE CEIL. PLAN KEY NOTES APPLY TO THIS SHEET ONLY

- X — NOTE TYPICAL FOR THIS SHEET ONLY
- C1 — EXIST. CEMENT PLASTER CEILING ON METAL LATH
- C2 — NEW SUSPENDED GWB PLASTER CEILING SYSTEM
- C3 — EXISTING LIGHTING FIXTURES
- C4 — NEW LIGHTING FIXTURES (SEE ELEC. PLANS)
- C5 — REFER TO MEP DEMO & NEW MEP DWGS FOR ADDITIONAL WORK AREAS REQUIRED ACCESS TO ABOVE EXIST. ACOUST. CEIL.TILE / or GWB CEIL TO GAIN ACCESS TO THESE AREA. REMOVE, SAVE, REINSTALL EXIST. CEILING SYSTEMS, PATCH w/ new 5/8" type "X" GWB COORDINATE w G.C. & MEP SUB-CONTRACTORS
- C6 — ABOVE NEW CEILING ELEV. OF 9'-0" REFER TO MEP DEMO & NEW MEP DWGS FOR ADDITIONAL WORK AREAS REQUIRED ACCESS TO ABOVE EXIST. ACOUST. CEIL.TILE ACCESS TO THESE AREA. REMOVE EXIST. CEILING SYSTEMS, COORDINATE w G.C. & MEP SUB-CONTRACTORS
- C7 — EXISTING ACOUSTICAL CEILING SYSTEM
- C8 — DOTTED LINE INDICATES EXIST. PITCHED ACOUST. WALL PANELS. REFER TO MEP DEMO & NEW MEP DWGS FOR ADDITIONAL WORK AREAS REQUIRED ACCESS BEHIND VERTICAL PITCHED ACOUSTICAL PANELS EXIST. REMOVE, SAVE AND REINSTALL EXIST. SYSTEMS, COORDINATE w G.C. & MEP SUB-CONTRACTORS
- C9 — DOTTED LINE INDICATES ACOUST. WALL PANELS. REFER TO SHT. A1.12 & A1.13.
- C10 — REFER TO SHT. A1.10 & A1.11 FOR GWB LIDS OVER CHASES, NOTE: AT GYM ALCOVE AREA ONLY ADD (2) HR. COR. CEIL. ASSEMBLY BELOW LID (SEE SHT A3.21 BLDG. SECTIONS)
- C11 — REPAIR, REPLACE, TAPE & FIRE CAULK EXIST. GWB CEILING DUE TO NEW CMU WALL LINE RUN 5/8" TPYE "X" GWB
- C12 — REFER TO SHT. A1.12 & A1.13 FOR ACOUSTICAL WALL PANELS
- C13 — SOFFIT ACCESS PANEL (SEE SPECIFICATION)
- C14 — ACOUST. CEIL. TILE SOFFIT AT 8'-0" (MATCH EXIST. BRICK CASED OPNG .
- C15 — FOR BIDDING PURPOSES, SEEING THAT WE ARE DEMO EXIST. GWB CEILING AT 9'-0", BEING EXPOSED TO DECK. PROVIDE 3 5/8" MTL. STUDS 28 GA. @ 24" O.C. w/ 5/8" TYPE "X" GWB BOTH SIDE. RUN FROM TOP OF EXIST. CMU WALL ELEV. AT 9'-4" TO UNDERSIDE OF DECK (SEE PLAN ELEV.) PROVIDE FIRE SEALANT AT ALL NEW AND EXISTING WALL PENETRATIONS, PROVIDE FINISH GWB FOR PAINTING

GENERAL PLAN NOTES

1. VERIFY LOCATION AND CONDITION OF WALLS, CEILINGS, FLOORS, EQUIPMENT, FIXTURES AND ALL INCIDENTAL ACCESSORIES. PRIOR TO DEMOLITION. REPORT DISCREPENCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS TO THE ATCHITECT/ ENGINEER.
2. DO NOT BLOCK EXITS AND EXIST PASSAGE WAYS. MAINTAIN EXISTS AS INDICATED, AND IF NOT INDICATED, MAINTAIN AT LEAST TWO EXISTS OF ALL AREAS IN ACCORDANCE WITH LOCAL JURISDICTION, AT ALL TIMES DURING CONSTRUCTION.
3. PRIOR TO ANY DEMOLITION OPERATION, SHORE AND PROTECT ADJACENT BUILDING AREA SO AS TO MAINTAIN THE STRUCTURAL INTEGRITY AND STABILITY OF THE PORTIONS OF THE BUILDING TO REMAIN.
4. PROTECT ADJACENT SURFACES TO REMAIN. REPAIR DAMAGED SURFACES SCHEDULED TO REMAIN USING MATERIALS AND METHODS TO MATCH EXISTING CONSTRUCTION.
5. REMOVE ALL WALLS AND PARTITIONS SCHEDULED TO BE REMOVED INCLUDING ALL INCIDENTAL ACCESSORIES THEREIN, INCLUDING BUT NOT LIMITED TO ELECTRICAL, MECHANICAL AND PLUMBING APPURTENANCES AND ALL CONDUIT, WIRING AND PIPING.
6. REMOVE CONDUIT, WIRING AND PIPING NOT SCHEDULED TO BE RE-ROUTED, TO NEAREST POINT CONCEALED BEHIND CONSTRUCTION TO REMAIN, AND CAP ENDS.
7. REMOVE ALL DEBRIS FROM SITE ON A DAILY BASIS AND DISPOSE OF LEGALLY.
8. DASHED LINES INDICATE MATERIAL TO BE REMOVED. REMOVE CONSTRUCTION UP TO DEFINED LIMITS. REFER TO SHEET KEYNOTES FOR SPECIFIC INFORMATION.
9. FOR DETAILED MECHANICAL DEMOLITION NOTES, REFER TO MECHANICAL DRAWINGS.
10. FOR DETAILED PLUMBING AND FIRE PROTECTION DEMOLITION NOTES, REFER TO PLUMBING AND FIRE PROTECTION DRAWINGS.
11. FOR DETAILED ELECTRICAL DEMOLITION NOTES, REFER TO ELECTRICAL DRAWINGS.



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
A6.00

HAGNEY JOB NO. C1824

FILE: Z:\Acadm\Dwg\C1824 Carlson School Gymnasium\CA\Current Drawings\CA\A6\C1824_A6.00.dwg
PLOTTED: 4/6/2017 1:44 PM
(© 2014 Hagney Architects)

P.E. OFFICE 102

P.E. STORAGE 103

CAFETERIA 104

ALTERNATE A-2

OPEN COURT YARD EXIST

ALTERNATE A-3

STORAGE EXIST

"Y" CARE STORAGE EXIST

OPENING FOR RANGE HOOD- COORDINATE WITH MECHANICAL

OPENING FOR COOLER / FREEZER UNIT COORDINATE WITH KIT. SUPPLIER

PRODUCTION KITCHEN 105

MECH. / CUSTODIAN EXIST

GIRLS 107

BOYS 108

STOR. 109

EX. CORR 109

ALTERNATE A-1

NEW CANOPY SOFFIT EL. +9'- 0" +/-

EXIST. CANOPY SOFFIT EL. +9'- 0" +/-

New Canopy & Soffit Cover

Existing Canopy & Soffit Cover

Underside of Roof Deck Pitched from 10'-0" to 15'-0"

[EXPOSED TO DECK PITCHED CEIL.]

[PITCHED GWD. CEIL. FROM 8'-6" - 12'-0"]

[EX. GWD CEIL 9'-0"]

[EX 9'-0"]

[EX 16'-0"]

[EX 12'-0"]

[EX 8'-6"]

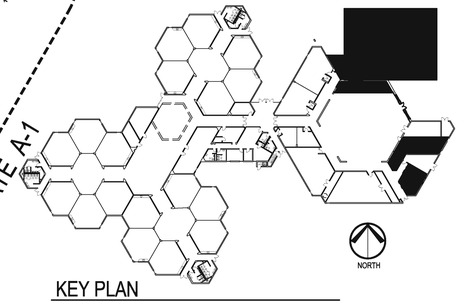
[8'-0"]

[Match Exist. CL. HT.]

FIRST FLOOR REFLECTIVE CEILING PLAN

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

REFERENCE PHOTO



KEY PLAN

NOT TO SCALE

NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

ISSUANCE

HAGNEY ARCHITECTS LLC

Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

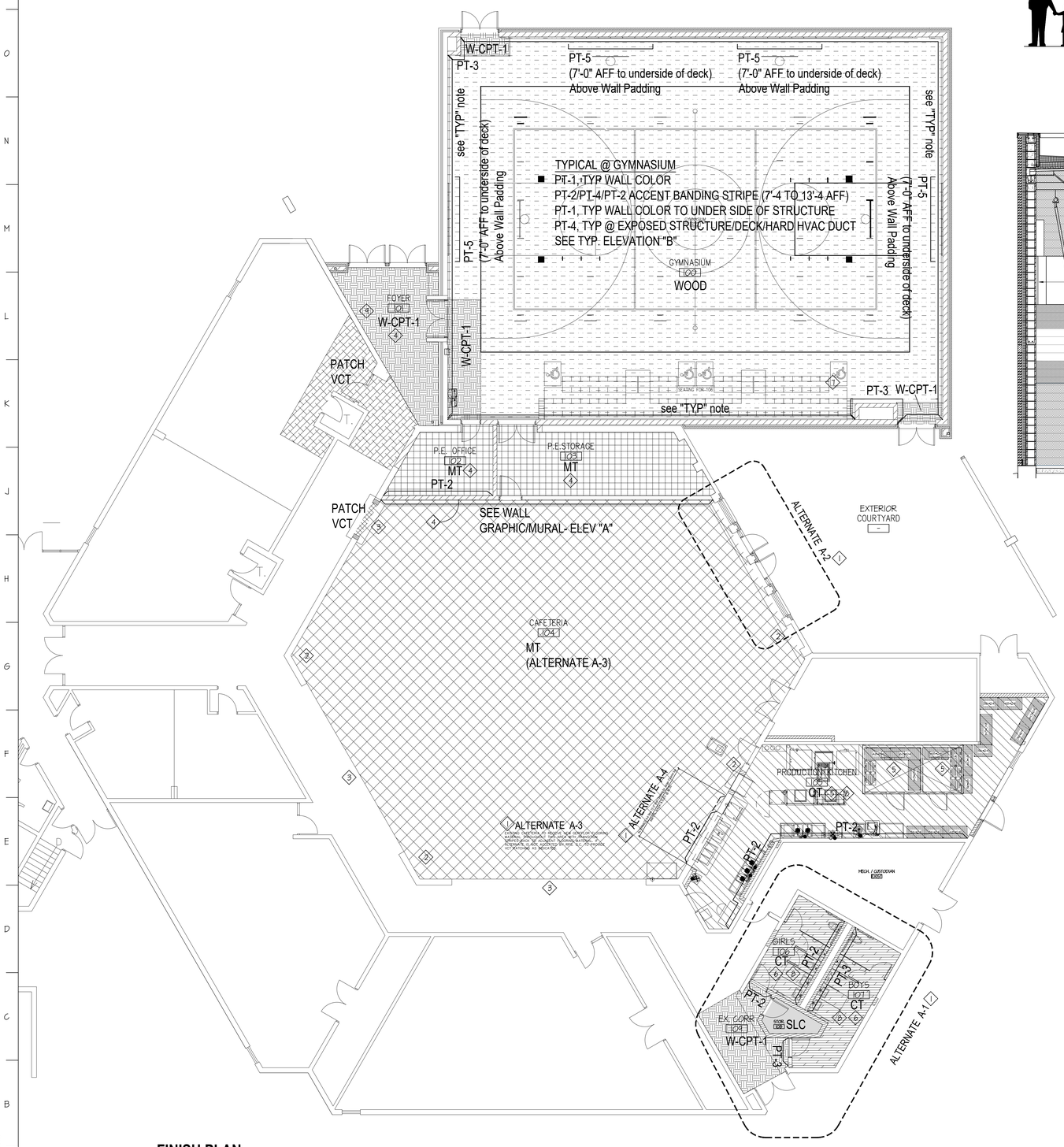
DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO. A6.10

HAGNEY JOB NO. C1824

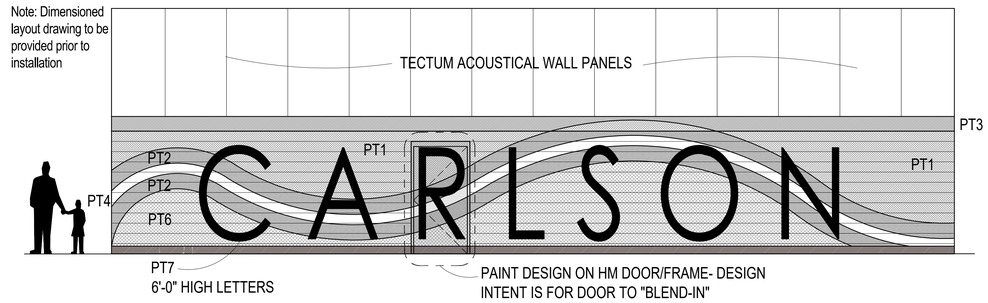
FILE- Z:\Vcadd\Dwg\C1824 Carlson School Gymnasium\CD's\A6\C1824_A6.10.dwg
PLOTTED: 4/05/2016 1:46:14 PM
(C 2014 Hagney Architects)



FINISH PLAN

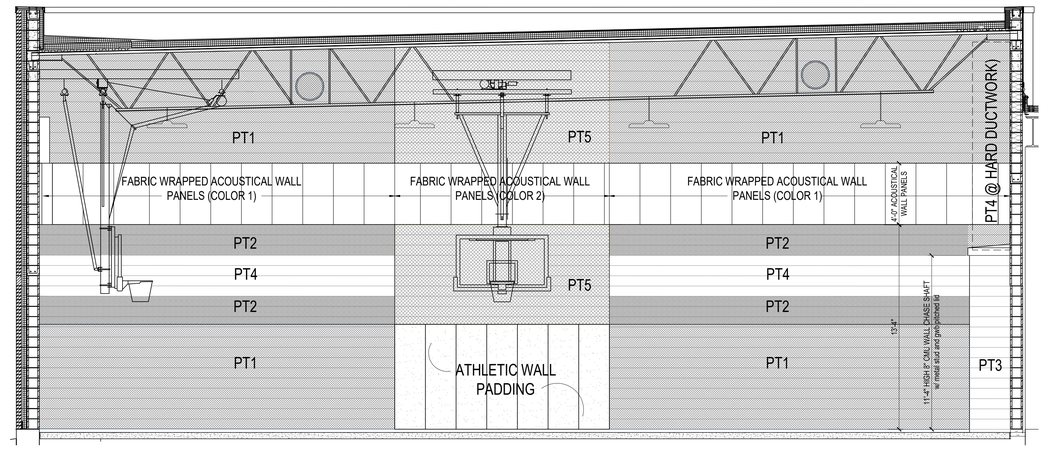
SCALE: 1/8" = 1'-0"

Note: Dimensioned layout drawing to be provided prior to installation



"A" CAFETERIA FOCAL WALL- PAINT LAYOUT (NORTH WALL)

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



"B" TYPICAL GYMNASIUM PAINT LAYOUT (EAST WALL SHOWN)

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

FINISH PLAN KEY NOTES

- X SEE SPECIFICATIONS FOR FLOOR PREP, ADHESIVES AND INSTALLATION GUIDELINES
- 1 INDICATES ALT BID. SEE FLOOR PLAN SHEETS.
- 2 AS PART OF ALTERNATE A-3: CUT MODULAR TILE TIGHT TO EXIST GLAZED BASE AND CAULK WITH COLOR TO MATCH TILE
- 3 AS PART OF ALT A-3: TAPERED TRANSITION STRIP PER MODULAR TILE MFR.
- 4 6" RUBBER BASE (ROPPE "194 Burnt Umber")
- 5 QUARRY TILE BASE
- 6 CERAMIC TILE BASE
- 7 SEE MEP SHTS FOR EXPOSED DUCTWORK & PIPING (PAINTED)
- 8 SEE MEP SHTS FOR FLOOR DRAIN LOCATIONS
- 9 EXISTING BRICK- CLEAN

GENERAL ROOM FINISH SCHEDULE NOTES

A. START POINT FOR ACT CEILINGS TO BE CENTER OF ROOM UNLESS NOTED BY A START POINT.
B. PAINT ALL INTERIOR AND EXTERIOR HOLLOW METAL DOORS, AND FRAMES.
C. PROVIDE TRANSITION STRIP AT ALL LOCATIONS WHERE FLOORING MATERIAL CHANGES
D. EXTEND SCHEDULED PAINT ON WALLS UP TO 1'-0" ABOVE THE FINISHED CEILING. IN ROOMS NOT SCHEDULED TO RECEIVE A CEILING, EXTEND SCHEDULED PAINT UP THE ENTIRE HEIGHT OF THE PARTITION, UNLESS NOTED OTHERWISE
E. AT ALL EXPOSED AREAS, PAINT ALL WALLS, STRUCTURE, INCLUDING CONCRETE, METAL DECK, STEEL BEAMS, COLUMNS, PIPING, CONDUIT, DUCTWORK AND OTHER EQUIPMENT ETC.
F. DO NOT PAINT DOOR AND FRAME FIRE RATING LABELS.
G. SEE PHASING PLAN- FOR SCHEDULED AREAS OF WORK

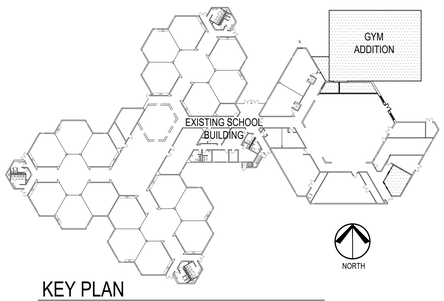
FINISH LEGEND

- QT : AMERICAN OLEAN, SHADOW GRAY, ON46 (FLOOR /BASE)
- PATCHED VCT
- (ALT BID 3) MODULAR TILE : GERFLOR ATTRACTION, 0291 AURARAE
- W-CPT-1: SHAW, ENTREE TILE, BLUE 31400
- WOOD STRIP FLOOR/VENTILATION SYSTEM
- (ALT BID A-1) CT- CERAMIC TILE/BASE: DALTILE- KEYSTONES, URBAN PUTTY SPECKLE D201(2X2)
- SEALED CONCRETE
- MODULAR TILE : GERFLOR ATTRACTION, 0291 AURARAE

PAINT LEGEND

(VERIFY COLORS WITH ARCHITECT PRIOR TO SUBMITTAL/SHOP DRAWINGS)

PT-1: SHERWIN WILLIAMS, SW 7015 REPOSE GRAY (TYP WALLS)
PT-2: SHERWIN WILLIAMS, SW 6796 BLUE PLATE (ACCENT 1)
PT-3: SHERWIN WILLIAMS, SW 7019 GAUNTLET GRAY (ACCENT 2/HM FRAMES)
PT-4: SHERWIN WILLIAMS, SW 7757 HIGH REFLECTIVE WHITE (ACCENT 3/MTL DECK/JOISTS)
PT-5: SHERWIN WILLIAMS, SW 6804 DIGNITY BLUE (ACCENT 4)
PT-6: SHERWIN WILLIAMS, SW 6381 ANJOU PEAR (ACCENT 5)
PT-7: SHERWIN WILLIAMS, SW 7069 IRON ORE (ACCENT 6)



KEY PLAN

NOT TO SCALE

ISSUANCE		
NO.	DATE	DESCRIPTION
1	04-07-17	BID & PERMIT DOCUMENTS

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

PROFESSIONAL SEAL

EXPIRATION DATE

DATE 04-07-17
DRAWN
CHECKED
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

INTERIOR FINISH INFORMATION

SHEET NO. A8.00

HAGNEY JOB NO. C1824

FILE: Z:\Acdata\Dwg\C1824 Carlson School\Gymnasium\CD\A9\C1824_A8.00.dwg
PLOTTED: 4/6/2020 4:44 PM
(C) 2014 Hagney Architects)

DESIGN LOAD CRITERIA:

1. AS REQUIRED BY THE CITY OF ROCKFORD, IL ENGINEERING DESIGN IS BASED ON AND ACCORDANCE WITH THE FOLLOWING CODE(S):
   A. INTERNATIONAL BUILDING CODE - 2015
   B. ASCE7-10
   C. OCCUPANCY CATEGORY III
2. DESIGN LOADS:
   A. SNOW LOAD:
      1) GROUND SNOW LOAD (Pg) .... 30 PSF
      2) SNOW EXPOSURE FACTOR (Ce) 1.0
      3) SNOW IMPORTANCE FACTOR 1.10
      4) THERMAL FACTOR (Ct) 1.0
   B. WIND LOAD:
      1) BASIC WIND SPEED (3 SEC. GUST) .... 120 MPH
      2) WIND IMPORTANCE FACTOR 1.00
      3) WIND EXPOSURE .... B
      4) INTERNAL PRESSURE COEFFICIENTS .... ±0.18
      5) COMPONENTS AND CLADDING, C&C < 60'........ SEE TABLE

ROOF

AREA	SURFACE PRESSURE (psf) 10 sf	100 sf	500 sf
Negative Zone 1	-25.9	-24.4	-23.7
Negative Zone 2	-43.5	-32.7	-28.1
Negative Zone 3	-65.4	-39.3	-28.1
Positive Zone, All Zones	16.0	16.0	16.0

PARAPET

	AREA	SURFACE PRESSURE (psf) 10 sf	100 sf	500 sf
CASE A	Interior Zone	59.3	40.4	38.0
	Corner Zone	81.2	40.4	38.0
CASE B	Interior Zone	-41.5	-34.5	-29.6
	Corner Zone	-47.4	-37.0	-29.6

WALL

AREA	SURFACE PRESSURE (psf) 10 sf	100 sf	500 sf
Negative Zone 4	-25.7	-22.2	-19.8
Negative Zone 5	-31.6	-24.6	-19.8
Positive Zone 4 and 5	23.7	20.2	17.8

   C. SEISMIC:
      1) SEISMIC DESIGN CATEGORY .... B
      2) SEISMIC IMPORTANCE FACTOR 1.25
      3) SPECTRAL RESPONSE ACCELERATIONS AND COEFFICIENTS
         Ss 0.121
         S1 .... 0.057
         Sds 0.129
         Sd1 .... 0.091
         Cs 0.081
      4) SITE CLASS .... D
      5) BASIC SEISMIC FORCE RESISTING SYSTEMS DESCRIPTION:
         ORDINARY REINFORCED MASONRY SHEAR WALLS
         RESPONSE MODIFICATION FACTOR (R) USED 2.0
      6) EQUIVALENT LATERAL FORCE ANALYSIS PROCEDURE USED.
   D. GRAVITY LOADS:

LOCATION	SUPERIMPOSED DEAD LOAD, PSF	LIVE/SNOW LOAD PSF	LIVE LOAD LBS	LIVE LOAD REDUCTION	PARTITION LOAD, PSF	REMARKS
GYM ROOF	23	30 MIN. UNIFORM SNOW LOAD AND DRIFTING SNOW AS NOTED		NO		SNOW DRIFTING CONSIDERED
OTHER ROOFS	18					
LOBBIES, EXIT FACILITIES	10	100		NO		
TYPICAL CLASSROOM FLOORS	10	50	2,000	YES	20	
LIGHT STORAGE	10	125		NO		

NOTE: SUPERIMPOSED DEAD LOAD EXCLUDES STRUCTURE SELF WEIGHT BUT INCLUDES THE WEIGHT OF ALL OTHER PERMANENT MATERIALS SUCH AS CEILINGS, MEP, FINISHES, ROOFING, ETC.

GENERAL REQUIREMENTS:

1. DEFINITIONS:
   A. ENGINEER: REFERENCES OF THE STRUCTURAL DRAWINGS TO "ENGINEER" MEAN THE STRUCTURAL ENGINEER OF RECORD. OTHER ENTITIES ARE SPECIFICALLY NOTED AS "CONTRACTORS ENGINEER", "MECHANICAL ENGINEER", ETC.
2. UNDERGROUND UTILITIES: LOCATE EXISTING UTILITIES, AND NOTIFY ENGINEER OF EXISTING UTILITIES OR SUBGRADE CONDITIONS WHICH INTERFERE WITH WORK.
3. EXISTING STRUCTURES:
   A. CONTRACT DOCUMENTS HAVE BEEN PREPARED USING AVAILABLE DRAWINGS AND SITE OBSERVATION AS PERMITTED BY ACCESS RESTRICTIONS DURING DESIGN.
   B. DURING CONSTRUCTION, THE CONTRACTOR MAY ENCOUNTER EXISTING CONDITIONS WHICH ARE NOT NOW KNOWN OR ARE AT VARIANCE WITH PROJECT DOCUMENTATION (DISCOVERY). CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL CONDITIONS NOT PER THE CONTRACT DOCUMENTS. EXAMPLES INCLUDE:
      - SIZES OR DIMENSIONS OTHER THAN THOSE SHOWN.
      - DAMAGE OR DETERIORATION TO MATERIALS OR COMPONENTS.
      - ITEMS NOTED AS EXISTING ON THE DRAWINGS BUT NOT FOUND IN THE FIELD.
   C. PREPARE DIMENSIONAL DRAWINGS OF ALL DISCOVERED ITEMS.
   D. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRUCTURAL CONDITIONS PRIOR TO SUBMITTING SHOP DRAWINGS.
   E. CONTRACTOR SHALL MAKE ALLOWANCE FOR THE RESOLUTION OF SUCH DISCOVERIES IN THE CONSTRUCTION SCHEDULE.
4. USE OF DRAWINGS:
   A. DO NOT SCALE DRAWINGS.
   B. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS AND GENERAL NOTES, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. DETAILS ON DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. DETAILS NOTED TYPICAL APPLY TO ALL SIMILAR CONDITIONS. WHERE NO SPECIFIC DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ELSEWHERE ON THE PROJECT.
5. TEMPORARY CONDITIONS:
   A. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES.
   B. CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.
6. SUBMITTALS AND SUBSTITUTIONS:
   A. SUBMITTALS:
      1) IF THE CONTRACTOR REQUESTS A CHANGE FROM THE STRUCTURAL DRAWINGS, IT SHALL BE APPROVED AND DESIGNED BY THE ENGINEER OF RECORD PRIOR TO SUBMITTING SHOP DRAWINGS. VARIATION SHALL BE INDICATED ON THE SHOP DRAWINGS.
      2) CONSTRUCTION DOCUMENTS SHALL NOT BE REPRODUCED FOR USE IN SUBMITTALS.
   B. SUBSTITUTIONS: ENGINEER'S APPROVAL SHALL BE SECURED FOR ALL SUBSTITUTIONS.
   C. NON-CONFORMANCE: NOTIFY ENGINEER OF CONDITIONS NOT CONSTRUCTED PER CONTRACT DOCUMENTS PRIOR TO PROCEEDING WITH CORRECTIVE WORK. SUBMIT PROPOSED REPAIR TO THE ENGINEER FOR ACCEPTANCE. CONTRACTOR SHALL COMPENSATE MISSMAN, INC. FOR DESIGN OF THE REPAIR.
7. OSHA STANDARDS:
   A. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. NOTHING SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE CONSTRUED AS ELIMINATION THE NEED FOR THE CONTRACTOR TO COMPLY WITH ALL OSHA REQUIREMENTS. THE CONTRACTOR SHALL ADD ALL NECESSARY BOLTS, ANCHOR BOLTS, STIFFENER PLATES, STABILIZER PLATES, BRIDGING, BRACING, BEARING SEATS, COLUMN SPLICES ETC., AS WELL AS CLOSURES FOR OPENINGS.
   B. WASHERS OR RINGS SHALL BE WELDED TO STEEL COLUMNS TO PROVIDE FOR SAFETY CABLES, DO NOT PLACE HOLES IN COLUMNS WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER.
   C. WHERE THE STRUCTURAL DRAWINGS APPEAR TO CONFLICT WITH OSHA REQUIREMENTS, THE STRUCTURAL DRAWINGS REPRESENT FINAL CONDITIONS ONLY; THE CONTRACTOR SHALL ADD ALL ERECTION FRAMING THAT MAY BE NECESSARY TO COMPLY WITH OSHA.
8. CONSTRUCTION ENGINEERING:
   A. THE STRUCTURE DEFINED IN THE CONTRACT DOCUMENTS HAS BEEN DESIGNED ONLY FOR LOADS ANTICIPATED ON THE STRUCTURE DURING ITS SERVICE LIFE. PROVIDE ALL REQUIRED ENGINEERING AND OTHER MEASURES TO ACHIEVE THE MEANS, METHODS AND SEQUENCES OF WORK. SUCH ENGINEERING MAY INCLUDE, BUT IS NOT LIMITED TO:
      - LAYOUT.
      - DESIGN OF FORMWORK, SHORING AND RESHORING.
      - DESIGN OF CONCRETE MIXES.
      - ERECTION PROCEDURES WHICH ADDRESS STABILITY OF THE FRAME DURING CONSTRUCTION OF STEEL.
      - WELD PROCEDURES.
      - DESIGN OF TEMPORARY BRACING OF WALLS FOR WIND, SEISMIC, OR SOIL LOADS.
      - SURVEYING TO VERIFY CONSTRUCTION TOLERANCES.
      - EVALUATION OF TEMPORARY LOADS ON STRUCTURE DUE TO EQUIPMENT AND MATERIALS DURING CONSTRUCTION.
      - STRUCTURAL ENGINEERING TO RESIST ANY OTHER LOADS NOT IDENTIFIED ON DESIGN DRAWINGS.
9. COORDINATION:
   A. STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO SHOP DRAWINGS AND WORK.
   B. COORDINATE DIMENSIONS OF ALL OPENINGS, BLOCKOUTS, DEPRESSIONS, ETC. WITH DRAWINGS FROM OTHER DISCIPLINES, PROJECT SHOP DRAWINGS, AND FIELD CONDITIONS PRIOR TO SHOP DRAWINGS SUBMITTAL.
10. SPECIAL INSPECTION:
   A. SPECIAL INSPECTION SHALL BE PROVIDED PER IBC 2015 CHAPTER 17. SEE STATEMENT OF INSPECTIONS ON SHEET S1.1 FOR REQUIREMENTS.
11. DEFFERED SUBMITTALS: THE FOLLOWING PORTIONS OF THE STRUCTURAL DESIGN WILL NOT BE SUBMITTED AT THE TIME OF PERMIT APPLICATION. WHEN RECEIVED AND REVIEWED, THESE DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL BY THE CONTRACTOR AS REQUIRED:
   A. STEEL BAR JOISTS

EARTHWORK NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING LOCATION ON THE SITE, FLOOR ELEVATION AND OTHER PERTINENT SITE AND BUILDING INFORMATION.
2. ELEVATIONS GIVEN THUS ARE TO THE TOP OF FOOTINGS, SLABS, BEAMS, JOISTS, ETC. WITH REFERENCE TO THE FINISHED FLOOR ELEVATION = (0'-0") = 836.70'.
3. A GEOTECHNICAL REPORT FOR THIS SITE, DATED OCTOBER 16, 2015, PREPARED BY TESTING SERVICE CORPORATION. IS AVAILABLE FOR THE CONTRACTOR'S USE. THIS REPORT IS NOT GUARANTEED TO REPRESENT ALL CONDITIONS THAT MAY BE ENCOUNTERED. ADDITIONAL TEST BORINGS AND OTHER EXPLORATORY OPERATIONS MY BE MADE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. DESIGN VALUES FORM THIS REPORT ARE AS FOLLOWS:
   A. ALLOWABLE SOIL BEARING PRESSURE FOR FOOTINGS .... 2,000 PSF
4. EXCAVATE FOR STRUCTURE TO ELEVATIONS AND DIMENSIONS SHOWN, EXTENDING EXCAVATION A SUFFICIENT DISTANCE TO PERMIT PLACING AND REMOVAL OF OTHER WORK FOR INSPECTION. TRIM BOTTOM TO REQUIRED LINES AND GRADES TO PROVIDE SOLID BASE TO RECEIVE CONCRETE.
5. UNLESS NOTED OTHERWISE, NEW FOOTINGS SHALL CENTER UNDER THE WALLS, PIERS OR COLUMNS.
6. WATER SHALL NOT BE ALLOWED TO ACCUMULATE IN THE EXCAVATION. PROVIDE PUMPS, IF NECESSARY, AND OPERATE NIGHT AND DAY, WHENEVER REQUIRED.
7. THE BASE OF ALL FOOTING EXCAVATIONS SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE.
8. BACKFILL PLACED WITHIN THE BUILDING AREA SHALL BE WITH SOIL THAT IS APPROVED BY THE GEOTECHNICAL ENGINEER. PLACE IN LIFTS AND COMPACT IN STRICT COMPLIANCE WITH RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. PLACE IN LOOSE LIFTS OF 9 INCHES OR LESS AND COMPACT ACCORDING TO THE COMPACTION CRITERIA SET FORTH IN THE GEOTECHNICAL REPORT.
9. THE GEOTECHNICAL ENGINEER SHALL DETERMINE SUITABILITY OF EXISTING SOIL FOR SUPPORT OF NEW FOOTINGS AND SLABS. WHERE REQUIRED BY THE GEOTECHNICAL ENGINEER, REMOVE AND REPLACE EXISTING SOIL WITH CONTROLLED, COMPACTED FILL.
   A. REMOVE EXISTING UNCONTROLLED FILL. THE DEPTH OF THIS FILL RANGES FROM 6'-0" TO 7'-6" DEEP BELOW ALL FOUNDATIONS, INCLUDING THICKENED SLAB AREAS ACCORDING TO THE GEOTECHNICAL REPORT.
   B. REPLACE EXISTING FILL 1'-0" TO 2'-0" DOWN TO STABLE, INORGANIC FILL WITH GRANULAR ENGINEERED FILL FOR SLAB SUPPORT.

CONCRETE NOTES:

1. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301-10, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, EXCEPT AS MODIFIED BY SUPPLEMENTAL REQUIREMENTS CONTAINED IN THE FOLLOWING NOTES.
2. UNLESS OTHERWISE DETAILED OR NOTED, REINFORCING SHALL BE IN ACCORDANCE WITH "THE ACI DETAILING MANUAL, SP-66".
3. SUBMIT SHOP DRAWINGS FOR FABRICATION AND PLACEMENT OF CONCRETE REINFORCING. SHOW PLAN VIEW OF SLAB, INCLUDE SCHEDULES AND DIAGRAMS OF BENT BARS AND SHOW ARRANGEMENT OF CONCRETE REINFORCING. ENGINEER'S REVIEW OF SHOP DRAWINGS WILL BE FOR COMPLIANCE WITH DESIGN REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING DIMENSIONS AND QUANTITIES RELATIVE TO REINFORCING STEEL.
4. ALL CONCRETE TESTING SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A QUALIFIED ENGINEER WHO IS LICENSED TO PRACTICE IN THE STATE OF ILLINOIS. THE TESTING AGENCY SHALL MEET REQUIREMENTS CONTAINED IN ASTM E329. SEE SPECIFICATIONS FOR TESTING REQUIREMENTS.
5. PREPARE DESIGN MIXES FOR EACH TYPE AND STRENGTH OF CONCRETE BY EITHER LABORATORY TRIAL BATCH OR FIELD EXPERIENCE METHODS AS SPECIFIED IN ACI 301.
6. READY-MIX CONCRETE SHALL BE IN COMPLIANCE WITH REQUIREMENTS OF ASTM C94, AND AS HEREIN SPECIFIED. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
7. COMPRESSIVE STRENGTH: STRENGTH REQUIREMENTS AT 28 DAYS AND THE LOCATION OF EACH TYPE OF CONCRETE REQUIRED FOR THIS PROJECT SHALL BE AS FOLLOWS:

TYPE	INTENDED USE	28 DAY MIN. COMPRESSIVE STRENGTH	MAX. WATER/CEMENT RATIO INCLUDING FLY ASH	MIN. CEMENT MATERIAL INCLUDING FLY ASH	MAX. AGGREGATE SIZE	CEMENT TYPE	SLUMP LIMITS (+1", -2")	TOTAL AIR LIMITS (%) (A)
1	INTERIOR (B) SLAB-ON -GRADE	4 KSI	0.50	517 LB/CU. YD	3/4 IN.	I OR II	4	N
2	FOOTINGS AND WALLS	4 KSI	0.50	517 LB/CU. YD	1 IN.	I OR II	4	6
3	EXTERIOR CONCRETE EXPOSED TO DE-ICERS	5 KSI	0.40	564 LB/CU. YD	3/4 IN.	I	4	6

   A. TOTAL AIR LIMITS INCLUDE BOTH ENTRAINED AND ENTRAPPED AIR +/- 1 1/2%. 'N' IN COLUMN INDICATES ADDITION OF ENTRAINED AIR IS NOT PERMITTED.
8. PROVIDE COMPOSITE FLATNESS (F_F) = 25 AND LEVELNESS (F_L) = 20 FOR CLASS 2 SLABS-ON-GRADE.

REINFORCING STEEL:

1. FOR CAST-IN-PLACE CONCRETE THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT UNLESS NOTED OTHERWISE:
   1) CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH .... 3 INCHES
   2) CONCRETE EXPOSED TO EARTH OR WEATHER.
      NO. 6 BARS OR LARGER .... 2 INCHES
      NO. 5 BARS OR SMALLER .... 1 1/2 INCHES
   3) SLABS, WALLS, JOISTS NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH
      NO. 14 AND NO. 18 BARS .... 1 1/2 INCHES
      NO. 11 BARS OR SMALLER .... 3/4 INCHES
   4) BEAMS AND COLUMNS NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH .... 1 1/2 INCHES
2. DIMENSIONS OF CONCRETE COVER FOR REINFORCEMENT INDICATED ON DRAWINGS ARE TO OUTERMOST REINFORCING BARS. FOR BEAMS OR COLUMNS WITH STIRRUPS OR TIES, CLEAR COVER INDICATED IS TO STIRRUPS OR TIES.
3. BAR SPLICES: SPLICE REINFORCING WHERE INDICATED ON THE DRAWINGS. ALL SPLICES SHALL BE CLASS 'B' AS DEFINED IN ACI 318. IF SPLICE LENGTH IS NOT GIVEN ON THE DRAWINGS, PROVIDE LAP LENGTHS (IN INCHES) AS FOLLOWS:

	3000 PSI CONCRETE		4000 PSI CONCRETE	
BAR SIZE	OTHER	TOP	OTHER	TOP
#3	22	28	19	25
#4	29	38	25	33
#5	36	47	31	41
#6	43	56	37	49
#7	63	81	54	71
#8	72	93	62	81
#9	81	105	70	91

LAP LENGTHS ASSUME CLEAR SPACING BETWEEN BARS OF 2 BAR DIAMETERS, AND A MINIMUM COVER OF 1 BAR DIAMETER. FOR DEVELOPMENT LENGTHS, DIVIDE BY 1.3. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 1'-0" OF FRESH CONCRETE BELOW.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL WORK SHALL CONFORM TO REQUIREMENTS CONTAINED IN "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN", INCLUDING COMMENTARY AND SUPPLEMENTS, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
2. ALL WELDING PROCEDURES, WELDING EQUIPMENT AND WELDER QUALIFICATION SHALL BE IN COMPLIANCE WITH CURRENT AMERICAN WELDING SOCIETY (AWS) CODES. PROVIDE CERTIFICATION THAT WELDERS TO BE EMPLOYED IN THE WORK HAVE SATISFACTORILY PASSED (AWS) QUALIFICATION TESTS.
3. ELEVATIONS AND VERTICAL DIMENSIONS ARE WITH RESPECT TO TOP OF CONCRETE AT MAIN FLOOR LEVEL FINISHED FLOOR = ELEVATION (0'-0").
4. SUBMIT SHOP DRAWINGS MEETING REQUIREMENTS SET FORTH IN THE SPECIFICATIONS.
5. PRIOR TO ERECTING STEEL, EXAMINE THE EXISTING WORK OF OTHER CONTRACTORS ON WHICH THIS WORK IS IN ANY WAY DEPENDENT AND REPORT ANY ERRORS OR DISCREPANCIES, WHICH WILL AFFECT THIS WORK, TO THE GENERAL CONTRACTOR.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO FABRICATION OF THE STEEL MEMBERS. NOTIFY THE ENGINEER (ARCHITECT) OF ANY CONDITIONS THAT CONFLICT WITH INFORMATION CONTAINED IN CONSTRUCTION DOCUMENTS.
7. MATERIAL SPECIFICATIONS:
   A. STRUCTURAL STEEL WIDE FLANGE AND TEE SECTIONS .... ASTM A992-GR.50
   B. STRUCTURAL STEEL CHANNELS, ANGLES, PLATES, ETC. .... ASTM A36
   C. SQUARE, ROUND OR RECTANGULAR TUBING .... ASTM 500-GR.B (46 KSI)
   D. HIGH STRENGTH BOLTS .... ASTM A325
   E. ANCHOR RODS .... ASTM F1554 GR.36 THREADED
   F. WELDING ELECTRODES .... AWS E70
8. HIGH STRENGTH BOLTS MAY BE INSTALLED SNUG TIGHT AS DEFINED BY AISC UNLESS NOTED OTHERWISE.
9. STRUCTURAL STEEL CONNECTIONS NOT OTHERWISE DETAILED OR NOTED SHALL BE FABRICATED AND ERECTED AS STANDARD CONNECTIONS IN ACCORDANCE WITH THOSE SHOWN IN THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION AND STRUCTURAL STEEL DETAILING MANUAL.
10. STEEL CONNECTION DETAILS CONTAINED ON THE STRUCTURAL DRAWINGS ARE INTENDED TO PROVIDE TYPICAL EXAMPLES OF THE VARIOUS CONDITIONS THAT EXIST ON THIS PROJECT. THESE DETAILS ARE TO SERVE AS EXAMPLES FOR CONDITIONS THAT ARE NOT OTHERWISE SPECIFICALLY DESCRIBED, BUT HAVE MEMBER SIZES AND ARRANGEMENTS THAT ARE SIMILAR TO THOSE DETAILED.
11. FABRICATION TOLERANCES SHALL BE IN CONFORMANCE WITH THE AISC.
12. ERECTION INCLUDES THE INSTALLATION OF ALL ITEMS COVERED BY THIS SECTION INCLUDING ALL REQUIRED CONNECTIONS AND FASTENINGS.
13. INSTALL ADHESIVE ANCHORS IN STRICT CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
14. DO NOT USE GAS-CUTTING TORCHES IN THE FIELD FOR CORRECTION OF FABRICATION ERRORS IN THE STRUCTURAL FRAMING.
15. NON-SHRINK GROUT: CONFORM TO ASTM C1107, GRADES B OR C. ACHIEVE 6000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
16. ALL STEEL TO RECEIVE ONE COAT OF RUST INHIBITIVE PRIMER.

MASONRY NOTES:

1. THE MINIMUM 28-DAY COMPRESSIVE STRENGTH OF THE CONCRETE MASONRY UNITS SHALL BE 2000 PSI ON THE NET AREA, PROVIDING A STRUCTURAL DESIGN COMPRESSIVE STRENGTH (F'm) OF 2000 PSI PER THE INTERNATIONAL BUILDING CODE TABLE 2105.2.2.1.2 SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530. 1-13/ASCE6-13/ TM S 602-13, TABLE 2). MASONRY SHALL BE LIGHTWEIGHT OR NORMAL WEIGHT BLOCK.
2. MORTAR FOR UNIT MASONRY SHALL BE TYPE S IN ACCORD WITH THE INTERNATIONAL BUILDING CODE, PROPORTION SPECIFICATION TABLE NO. 2103.8(1), OR PROPERTY SPECIFICATION TABLE NO. 2103.8(2). MORTAR PROPORTIONS FOR UNIT MASONRY, USING CEMENT LIME, OR MORTAR CEMENT MIXES. MASONRY CEMENT IS NOT ACCEPTABLE.
3. MINIMUM 28-DAY COMPRESSIVE STRENGTH OF GROUT SHALL BE THE GREATER OF 2000 PSI OR THE COMPRESSIVE STRENGTH OF THE MASONRY UNITS, TESTED PER ASTM C1019. GROUT SHALL CONFORM TO ASTM C476. GROUT SHALL CONFORM TO THE TABLE NO. 2103.12 OF THE IBC CODE. DO NOT USE AIR ENTRAINMENT AND OTHER ADDITIVES UNLESS ACCEPTABLE IN GROUT MIX. GROUT SHALL HAVE A SLUMP OF 8 TO 11 INCHES.
4. MASONRY REINFORCING STEEL SHALL BE ASTM A615, GRADE 60. REINFORCING STEEL TO BE WELDED SHALL BE ASTM A706, GRADE 60.
5. HORIZONTAL JOINT REINFORCING SHALL COMPLY WITH ASTM A951 AND BE STANDARD LADDER TYPE, GALVANIZED, AT 16 INCHES ON CENTER, UNLESS NOTED OTHERWISE.
6. MINIMUM BOND BEAM REINFORCING SHALL BE 2 - #5 IN 8 AND 10 INCHES WIDE BOND BEAMS. BOND BEAM REINFORCING SHALL BE CONTINUOUS THROUGH CONTROL JOINTS EXCEPT AS NOTED ON TYPICAL MASONRY WALL OPENING DETAIL.
7. SPLICE LENGTHS FOR MASONRY REINFORCEMENT SHALL BE 40 BAR DIAMETERS MECHANICAL CONNECTORS MAY BE PROVIDED IN LIEU OF LAPPING BARS USING AN APPROVED MECHANICAL CONNECTOR DEVELOPING 125% OF THE BAR STRENGTH.
8. PROVIDE BOND BEAMS AT TOP OF ALL WALLS, AT ROOFS, AND WHERE SHOWN ON THE DRAWINGS.
9. REINFORCING SHALL BE HELD IN PLACE PRIOR TO GROUTING WITH WIRE POSITIONERS PLACED AT INTERVALS NOT EXCEEDING 192 BAR DIAMETERS NOR 10 FEET. PROVIDED POSITIONERS AT REINFORCING WITHIN THE WALL.
10. SEE TYPICAL MASONRY WALL REINF. DETAIL FOR PLACEMENT OF VERTICAL MASONRY WALL REINFORCING WITHIN THE WALL.
11. PROVIDE VERTICAL REINFORCING AT JAMB OPENINGS, ENDS AND CORNERS OF ALL WALLS AND EACH SIDE OF CONTROL JOINTS SPECIAL JAMB REINFORCING, WHERE REQUIRED, IS CALLED OUT ON THE PLANS.
12. VERTICAL REINFORCING REQUIRED BY THESE NOTES OR SHOWN ON THE FOUNDATION PLANS SHALL EXTEND FROM FOUNDATION TO TOP OF WALL UNLESS NOTED OTHERWISE.
13. MASONRY CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL AND ELECTRICAL CONTRACTORS AND BUILD IN OPENINGS FOR UTILITIES AND DUCTWORK THAT EXCEEDED 16 INCHES IN WIDTH. OPENINGS THAT ARE CREATED AFTER THE WALL IS CONSTRUCTED MUST BE A MINIMUM OF 8 INCHES FROM ANY CONTROL JOINT.
14. ELECTRICAL PANELS, CONDUITS, PIPES, FIRE EXTINGUISHER CABINETS, ETC., ARE TO BE LOCATED SO AS NOT TO INTERFERE WITH REINFORCED AND/OR GROUTED CELLS, PIPES AND CONDUITS PASSING HORIZONTALLY THROUGH WALLS SHALL BE SLEEVED. MINIMUM SPACING SLEEVES SHALL BE THREE DIAMETERS.
15. GROUT SHALL BE MECHANICALLY CONSOLIDATED IN A MANNER TO FILL THE GROUT SPACE AND RECONSOLIDATED IN ACCORD WITH THE SPECIFICATIONS FOR MASONRY BUILDINGS ACI 530.1-13/ASCE 6-13/TMS602-13, SECTION 3.5E.
16. PROVIDE SCREEN TYPE BLOCKAGE AT BOND BEAM SEPARATION. BOND BREAKER MATERIAL WILL NOT BE ALLOWED.
17. TESTING LABORATORY, IN ACCORD WITH IBC REQUIREMENTS, SHALL INSPECT MASONRY PER THE SPECIAL INSPECTION REQUIREMENTS FOR MASONRY. MORTAR FIN PROJECTION INTO THE GROUT SPACE SHALL NOT EXCEED 1/2 INCH.
18. LOCATE MASONRY CONTROL JOINTS AS SHOWN ON PLANS. WHERE NONE ARE SHOWN LOCATE CONTROL JOINTS AT 24'-0" ON CENTER MAX. SEE TYPICAL CONTROL JOINT DETAIL FOR CONTROL JOINT CONSTRUCTION.
19. SEE MASONRY LINTEL SCHEDULE ON THIS SHEET FOR ALL WALL OPENINGS.
20. OPENINGS 6 INCH DIAMETER AND SMALLER DO NOT REQUIRE A LINTEL AND MAY BE SEALED WITH GROUT FOR THE FULL WALL THICKNESS OR FIRE RATED SEALANT.
21. OPENINGS LARGER THAT 6 INCHES SHALL HAVE LINTEL REINFORCING AND BE SEALED WITH FIRE RATED SEALANT ALL AROUND.

STEEL JOISTS:

1. JOISTS SHALL REQUIRE CONTINUOUS BRIDGING MEMBERS FASTENED DIRECTLY TO EACH JOIST. BRIDGING SHALL BE DESIGNED IN ACCORDANCE WITH THE "STEEL JOIST INSTITUTE SPECIFICATION" AND SHALL BE PROVIDED BY THE JOIST MANUFACTURER.
2. ROUND MEMBERS FOR BOTTOM CHORDS WILL NOT BE ACCEPTABLE FOR JOISTS. USE ONLY DOUBLE ANGLE BOTTOM CHORDS.
3. UNLESS NOTED OTHERWISE, HANGING LOADS FROM JOISTS SHALL BE ONLY FROM DIAGONAL, INTERSECTION POINTS AND ONLY WITH ACCEPTABLE JOIST HANGER DEVICES.
4. THE GENERAL CONTRACTOR SHALL COORDINATE COLUMN CAP PLATES WITH THREADED STUDS AS REQUIRED FOR JOIST SEAT ATTACHMENT WITH THE STEEL FABRICATOR.

STRUCTURAL METAL DECK:

1. METAL DECKING SHALL BE WELDED AT 12 INCHES MAXIMUM ON CENTER TO THE SUPPORTING STEEL, WITH A MINIMUM 5/8-INCH DIAMETER WELD. SIDE LAPS SHALL BE FASTENED AT 24 INCHES MAXIMUM ON CENTER. NO WELD OR FASTENER SPACING SHALL BE GREATER THAN THAT RECOMMENDED BY THE DECK MANUFACTURE.
2. THE METAL DECK SHALL BE DESIGNED TO BE UNSHORED AND TO BE CONTINUOUS OVER THREE (3) SPANS IN THE DIRECTION INDICATED. SINGLE AND DOUBLE SPANS, IF REQUIRED, SHALL SATISFY LOAD AND DEFLECTION REQUIREMENTS.
3. PROVIDE CONTINUOUS 16 GA. MINIMUM SHEET METAL CLOSURES AT SLAB OPENINGS AND SLAB EDGES AND CONTINUOUS DECK CLOSURE AT DECK ENDS.
4. PROVIDE, AS REQUIRED, RIDGE AND VALLEY PLATES, COLUMN CLOSURES, CANT STRIPS, SUMP PLATES AT PIPING PENETRATIONS AND RECESSED SUMP PANS AT ROOF DRAINS. PROVIDE SUPPLEMENTAL FRAMING AT OPENINGS AS REQUIRED FOR SUPPORT OF THE METAL DECK. OPENINGS SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
5. ANY METAL DECK OPENING THAT IS 12-INCH DIAMETER OR LARGER OR ANY GROUP OF OPENINGS THAT PENETRATE MORE THAN ONE METAL DECK RIB SHALL BE FRAMED WITH SUPPLEMENTAL STEEL FRAMING AS ACCEPTABLE TO THE ENGINEER.
6. A 50 LB. MAXIMUM CONCENTRATED LOAD MAY BE HUNG DIRECTLY FROM THE COMPOSITE DECK PROVIDED. NO OTHER DECK SUPPORTED HANGER IS WITHIN A 30" RADIUS. THIS NOTE SUPERSEDES ANY SIMILAR NOTES ON THE MEP/FP DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING AN APPROPRIATE ANCHORING SYSTEM.
7. A 20 LB. MAXIMUM CONCENTRATED LOAD MAY BE HUNG DIRECTLY FROM METAL ROOF DECK OR FORM DECK.

POST-INSTALLED ANCHORS:

1. FOR MECHANICAL (EXPANSION) ANCHORS INSTALLED INTO CONCRETE OR GROUTED CMU, PROVIDE HILTI KWIK BOLT 3 OR ARCHITECT APPROVED EQUAL SEE DRAWINGS FOR ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT DEPTH.
2. FOR ADHESIVE ANCHORS INSTALLED INTO HOLLOW OR SOLID MASONRY, PROVIDE HILTI HIT-HY 70 OR ARCHITECT APPROVED EQUAL. FOR ADHESIVE ANCHORS INSTALLED INTO CONCRETE, PROVIDE HILTI HIT-HY 200 OR ENGINEER APPROVED EQUAL. SEE DRAWINGS FOR ANCHOR SIZE, SPACING, AND EMBEDMENT DEPTH. ANCHORS SHALL BE A36 THREADED ROD OR BETTER.

Missman, Inc.
Professional Engineers & Land Surveyors
Rock Island, IL (309) 788-7644 . Bettendorf, IA (563) 344-0260 . Rockford, IL (815) 965-6400 . DeKalb, IL (815) 748-5543
www.missman.com

ISSUANCE

NO.	DATE	DESCRIPTION
1	04-07-17	Bid and Permit Documents

HAGNEY
ARCHITECTS
LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

CHAD M. CARR
081-006490
PROFESSIONAL SEAL
EXP. DATE: NOVEMBER 30, 2018

DATE 04.04.17
DRAWN JEB
CHECKED CMC
APPROVED

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
S1.0

HAGNEY JOB NO. C1822

FILE: G:\2017\STRUCT\17K011_Hagney_CarlsonSchool\DWG\Structural\S1.0.dwg
PLOTTED: 4/18/2008 1:46:14 PM
(C)2014 Hagney Architects

NOTES: CARLSON ELEMENTARY SCHOOL, ROCKFORD, IL

1. FOR THOSE ITEMS LISTED AS "CONTINUOUS," CONTINUOUS SPECIAL INSPECTION SHALL BE AS DEFINED IN SECTION 1702, IBC-2015.
2. FOR THOSE ITEMS LISTED AS "PERIODIC," PROVIDE THE MINIMUM NUMBER OF TESTS, I.E. 20% OF ALL FIELD WELDS, OR THE AMOUNT OF WORK TO BE INSPECTED (E.G. 10% OF ALL WALL SURFACES).

QUALIFICATION REQUIREMENTS FOR INSPECTORS AND TESTING TECHNICIANS:

PE/SE STRUCTURAL ENGINEER - LICENSED PE OR SE SPECIALIZING IN THE DESIGN OF BUILDINGS AND STRUCTURES.

PE/GE GEOTECHNICAL ENGINEER - LICENSED PE SPECIALIZING IN SOIL MECHANICS AND FOUNDATIONS.

EIT ENGINEER-IN-TRAINING - GRADUATE ENGINEER WHO HAS PASSED THE FUNDAMENTALS OF ENGINEERING EXAMINATION.

AMERICAN CONCRETE INSTITUTE (ACI) CERTIFICATION:

ACI-CCSI CONCRETE CONSTRUCTION SPECIAL INSPECTOR.

ACI-LTT CONCRETE LABORATORY TESTING TECHNICIAN LEVEL 1 OR 2.

ACI-STT CONCRETE STRENGTH TESTING TECHNICIAN.

ACI-FTT CONCRETE FIELD TESTING TECHNICIAN-GRADE I.

AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING (ASNT) CERTIFICATION:

NON-DESTRUCTIVE TESTING TECHNICIAN-LEVEL II OR III.

AMERICAN WELDING SOCIETY (AWS) CERTIFICATION:

AWS-CWI CERTIFIED WELDING INSPECTOR.

INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION:

ICC-RCSI REINFORCED CONCRETE SPECIAL INSPECTOR.

ICC-SSI SOILS SPECIAL INSPECTOR.

ICC-SMSI STRUCTURAL MASONRY SPECIAL INSPECTOR.

ICC-SSBSI STRUCTURAL STEEL AND BOLTING SPECIAL INSPECTOR.

ICC-SWSI STRUCTURAL WELDING SPECIAL INSPECTOR.

NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET) CERTIFICATION:

NICET-CT CONCRETE TECHNICIAN-LEVELS I, II, III, AND IV.

NICET-GET GEOTECHNICAL ENGINEERING TECHNICIAN-LEVELS I, II, III, AND IV.

NICET-ST SOILS TECHNICIAN-LEVELS I, II, III, AND IV.

REQUIRED?	STRUCTURAL TEST OR SPECIAL INSPECTION	REQUIRED QUALIFICATIONS	CONTINUOUS	PERIODIC	FREQUENCY OF PERIODIC TEST OR INSPECTION
	SOILS (REF: 2015 IBC SECTION 1705.6)				
	1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE REQUIRED BEARING CAPACITY.			X	
	2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.			X	
	3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.			X	
	4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.		X		
	5. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.			X	
	LEVEL C MASONRY CONSTRUCTION (REF: TMS 402/ACI 530/ASCE 5 TABLE 1.19.3)				
	1. VERIFY COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND APPROVED SUBMITTALS.			X	
	2. VERIFY:				
	A. PROPORTIONS OF SITE-PREPARED MORTAR, GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.			X	
	B. PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OF MORTAR JOINTS.			X	
	C. PLACEMENT OF REINFORCEMENT, CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES.			X	
	D. GROUT SPACE PRIOR TO GROUTING.		X		
	E. PLACEMENT OF GROUT.		X		
	F. PLACEMENT OF PRESTRESSING GROUT.		X		
	G. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.			X	
	H. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.		X		
	I. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT, ANCHOR BOLTS, PRESTRESSING TENDONS AND ANCHORAGES.			X	
	J. WELDING OR REINFORCING BARS.		X		
	K. PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F).			X	
	3. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS.		X		

REQUIRED?	STRUCTURAL TEST OR SPECIAL INSPECTION	REQUIRED QUALIFICATIONS	CONTINUOUS	PERIODIC	FREQUENCY OF PERIODIC TEST OR INSPECTION
	STEEL CONSTRUCTION (REF: AISC 360.10 CH. N)				
	1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:				
	A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.			X	
	B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.			X	
	2. INSPECTION OF HIGH STRENGTH BOLTING:				
	A. SNUG-TIGHT JOINTS.			X	
	B. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION.			NA	
	C. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITHOUT MATCHMARKING, TWIST-OFF BOLT OR CALIBRATED WRENCH METHODS OF INSTALLATION.		NA		
	3. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
	A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360.			X	
	B. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN CONSTRUCTION DOCUMENTS.			X	
	C. MANUFACTURER'S CERTIFIED TEST REPORTS.			X	
	4. MATERIAL VERIFICATION OF WELD FILLER METALS:				
	A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE CONSTRUCTION DOCUMENTS.			X	
	B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.			X	
	5. INSPECTION OF WELDING:				
	A. STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
	1) COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS.		NA		
	2) MULTI-PASS FILLET WELDS.		NA		
	3) SINGLE-PASS FILLET WELDS > 5/16"		NA		
	4) PLUG AND SLOT WELDS.		NA		
	5) SINGLE-PASS FILLET WELDS $\leq$ 5/16"			X	
	6) FLOOR AND ROOF DECK WELDS.			NA	
	6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE:				
	A. DETAILS SUCH AS BRACING AND STIFFENING.			X	
	B. MEMBER LOCATIONS.			X	
	C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.			X	
	CONCRETE CONSTRUCTION (REF: 2015 IBC TABLE 1705.3)				
	1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.			X	
	2. INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH IS USED.		X		
	3. INSPECTION OF ANCHORS INSTALLED IN HARDENED CONCRETE.			X	
	4. VERIFY USE OF APPROVED DESIGN MIX.			X	
	5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.		X		
	6. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.		X		
	7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.			X	
	8. INSPECTION FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.			X	

ABBREVIATIONS

AE	AIR ENTRAINMENT
APPROX	APPROXIMATE, APPROXIMATLY
ARCH	ARCHITECT, -URAL, -URE
BP	BASE PLATE
BLDG	BUILDING
B.O.	BOTTOM OF
BRG	BEARING
C/C	CENTER TO CENTER
CJ	CONTROL JOINT
CLR	CLEAR, -(ANCE)
CJP	COMPLETE JOINT PENETRATION
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONST	CONSTRUCTION
D	DEPTH
DAS	DEFORMED ANCHOR STUD
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLITION
DIM	DIMENSION
DL	DEAD LOAD
DWG	DRAWING
EA	EACH
EF	EACH FACE
EL	ELEVATION
EMBED	EMBEDDED
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
EQ	EQUAL
EXIST	EXISTING
(E)	EXISTING STRUCTURAL MEMBER
EXP	EXPANSION
EXT	EXTERIOR
f'c	CONCRETE COMPRESSIVE STRENGTH
FND	FOUNDATION
FIN	FINISH
FLR	FLOOR
FR	FRAMING
FT	FOOT
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GB	GRADE BEAM
GC	GENERAL CONTRACTOR
GYP	GYPSUM BOARD
HORIZ	HORIZONTAL
HDAB	HEADED ANCHOR BOLT
HDAS	HEADED ANCHOR STUD
I.F.	INSIDE FACE
IN.	INCH
JST	JOIST
LB	POUND
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
MAX	MAXIMUM
MIN	MINIMUM
MISC	MISCELLANEOUS
(N)	NEW STRUCTURAL MEMBER
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
O.F.	OUTSIDE FACE
O.H.	OPPOSITE HAND
OPNG	OPENING
OPP.	OPPOSITE
PC	PRECAST
PH	PENTHOUSE
PL	PLATE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
R	RADIUS
REINF.	REINFORCING, -ED, -MENT
REQ'D.	REQUIRED
SIM.	SIMILAR
SP	SPACE(S)
SPEC.	SPECIFICATION(S)
SPECD.	SPECIFIED
STD.	STANDARD
STIFF.	STIFFENER
T.O.	TOP OF
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VERT.	VERTICAL
W.W.F.	WELDED WIRE FABRIC
@	AT
Ø OR DIA.	DIAMETER
# OR NO.	NUMBER

SYMBOLS LEGEND

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
STEP UP =		ELEVATION =	T/X (XXX'-X")
SLOPE UP =		REVISION CLOUD =	
MOMENT CONNECTION =		NORTH ARROW =	NORTH
		GRADE =	
DETAIL SECTION CUT =	DETAIL SHEET	STRUCTURAL FILL =	
BUILDING SECTION CUT =	SECTION SHEET	SUBGRADE =	
CONCRETE IN SECTION =		BRACE =	
		WELDED WIRE FABRIC =	
MASONRY =		FOOTING STEP =	(X'-X") (X'-X")

ISSUANCE		
NO.	DATE	DESCRIPTION
1	04-07-17	Bid and Permit Documents

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

STATE OF ILLINOIS — CHAD M. CARR 081-006490 — LICENSED STRUCTURAL ENGINEER

PROFESSIONAL SEAL

EXP. DATE: NOVEMBER 30, 2018

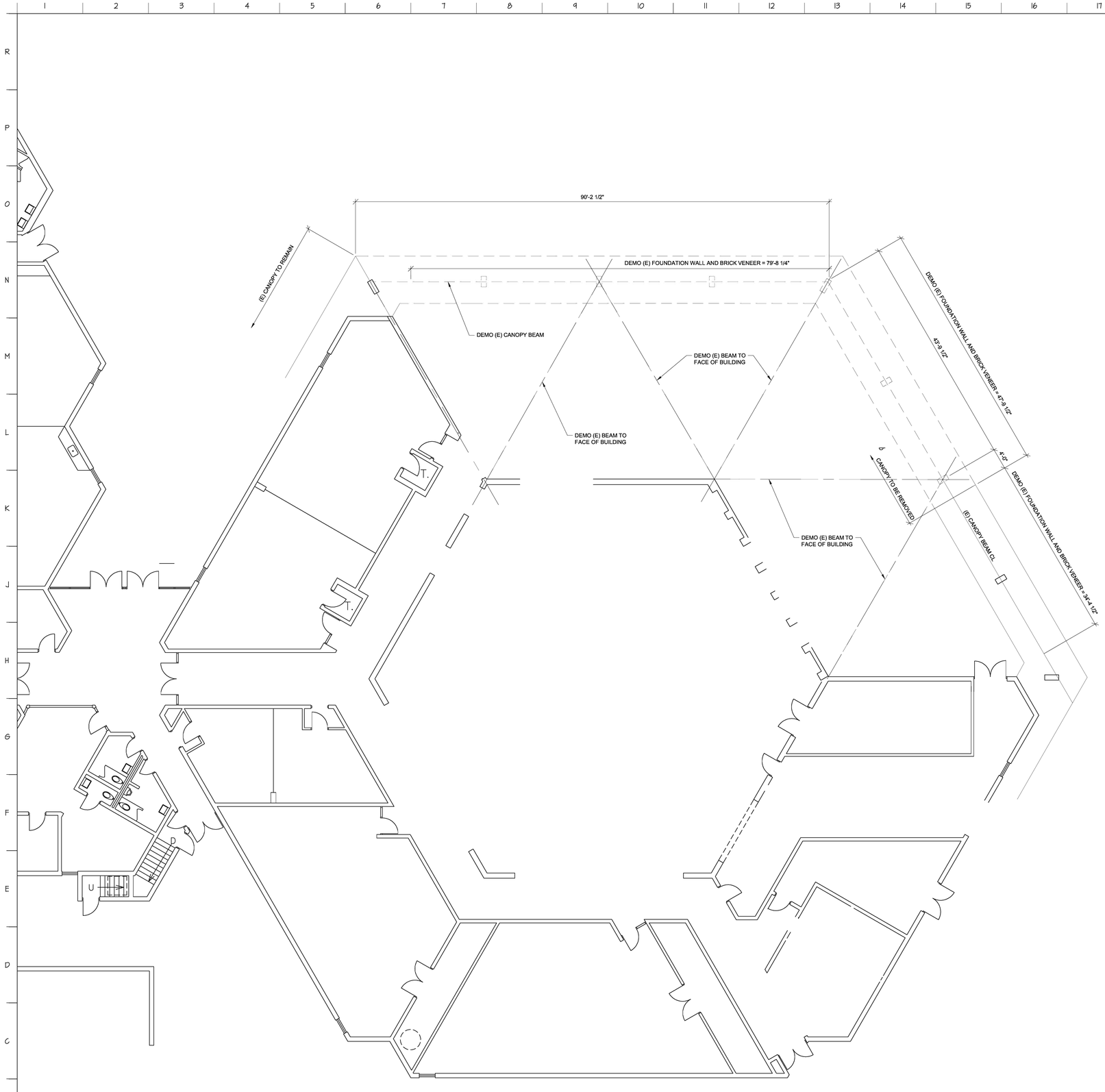
DATE	04.04.17
DRAWN	JJB
CHECKED	CMC
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
S1.1

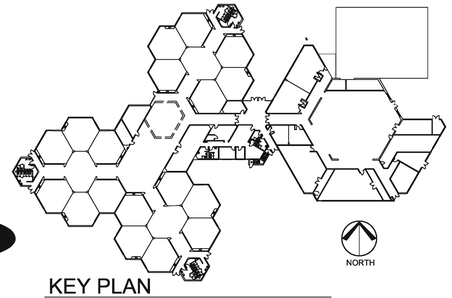
HAGNEY JOB NO. C1822

Missman, Inc.
Professional Engineers & Land Surveyors
Rock Island, IL (309) 788-7644 • Bettendorf, IA (563) 344-0260 • Rockford, IL (815) 965-6400 • DeKalb, IL (815) 748-5543
www.missman.com



DEMOLITION PLAN PLAN
1/8"= 1'-0"

FILE: G:\CONSTRUCTION\2016_Hagney_Carlsonschool\DWG\Structural\SD1.0.dwg
PLOTTED: 4/5/2017 9:50:24 AM, KEITH
(C) 2014 Hagney Architects)



KEY PLAN
NOT TO SCALE

Missman, inc.
Professional Engineers & Land Surveyors
Rock Island, IL (309) 788-7644 • Bettendorf, IA (563) 344-0260 • Rockford, IL (815) 965-6400 • DeKalb, IL (815) 748-5543
www.missman.com

NO.	DATE	DESCRIPTION
1	04-07-17	Bid and Permit Documents

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

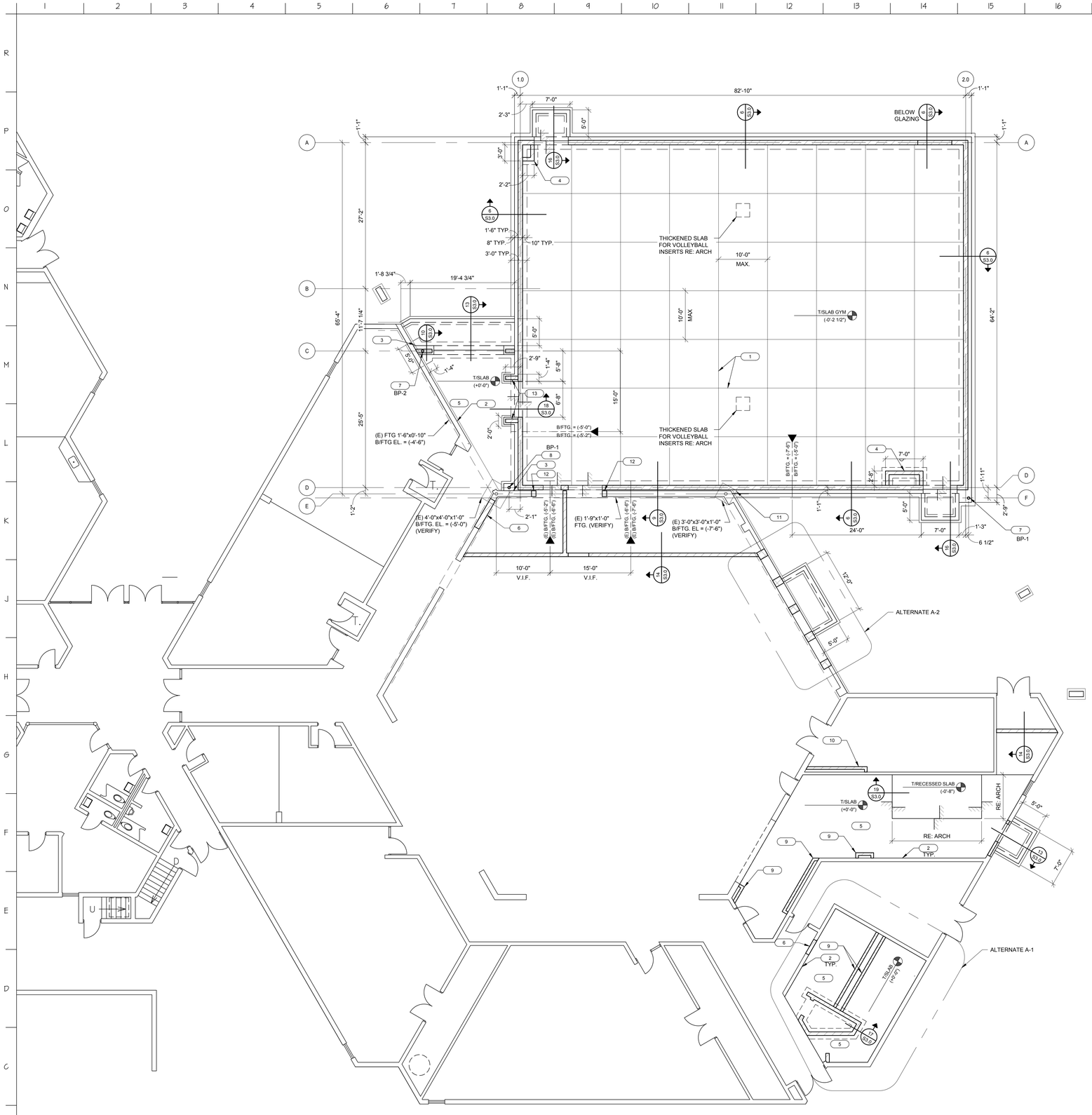
STATE OF ILLINOIS
CHAD M. CARR
081-006490
LICENSED STRUCTURAL ENGINEER
PROFESSIONAL SEAL
EXP. DATE: NOVEMBER 30, 2018

DATE	04.04.17
DRAWN	JEB
CHECKED	CMC
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
SD1.0

HAGNEY JOB NO. C1822



FOUNDATION PLAN
1/8"= 1'-0"

NOTES:

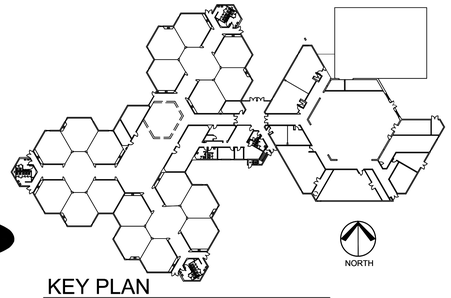
1. SLAB-ON-GRADE:
   A. SLAB-ON-GRADE TO BE 5 INCH THICK U.N.O. NORMAL WEIGHT CONCRETE ON 6 INCH THICK GRANULAR FILL OVER VAPOR BARRIER ON PROPERLY COMPACTED STRUCTURAL FILL. RE: 4/S3.0
   B. REINFORCE SLAB-ON-GRADE WITH #4 BARS EACH WAY@ 12" ON CENTERED, CENTERED IN SLAB THICKNESS.
   C. TOP OF SLAB-ON-GRADE IS AT ELEVATION (0'-0") = 836.70' UNLESS NOTED OTHERWISE.
   D. REFERENCE ARCHITECTURAL DRAWINGS FOR SLAB SLOPES AND DEPRESSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
2. FOOTINGS:
   A. ALL FOOTINGS SHALL BE CENTERED ON WALLS UNLESS DIMENSIONED OTHERWISE.
   B. TOP OF EXTERIOR FOOTINGS TO BE AT ELEVATION (-4'-0") = 832.70' UNLESS NOTED OTHERWISE.
3. BRICK LEDGES:
   A. TOP OF BRICK LEDGE ELEVATION SHALL BE (-0'-0") = 836.70' UNLESS NOTED OTHERWISE IN ARCHITECTURAL DRAWINGS.
4. MASONRY:
   A. EXTERIOR WALLS SHALL BE 10" THICK CMU WITH #5 VERTICAL REINFORCING @ 32" ON CENTER UNLESS NOTED OTHERWISE.
   B. INTERIOR WALLS SHALL BE 6" OR 8" THICK CMU WITH #4 VERTICAL REINFORCING @ 48" ON CENTER UNLESS NOTED OTHERWISE.
   C. VERTICAL DOWELS SHALL BE PLACED IN CENTER OF WALL THICKNESS TO LAP WITH VERTICAL WALL REINFORCEMENT 2'-0" MINIMUM. RE: SHEET S3.0.\
   D. NEW CMU WALLS SHOWN THUS:
5. UTILITIES:
   A. FOR UTILITIES THROUGH FOUNDATION WALLS RE: 5/S3.0.

KEYNOTES:

1. CONTROL OR CONSTRUCTION JOINTS TYPICAL AT SLAB-ON-GRADE. RE: 3/S3.0.
2. 1/2" JOINT MATERIAL AT SLAB-ON-GRADE AT EXISTING WALL.
3. DOWEL NEW FOUNDATION WALL AND FOOTING TO EXISTING. RE: 12/S3.0.
4. 8" BLOCK ON 1'-0" THICKENED SLAB. B.O.W. EL=(-0'-2 1/2").
5. (N) 5" SLAB ON GRADE
6. MASONRY WALL INFILL RE: 1/S4.1
7. 4"Ø PIPE COLUMN ON (N) PIER T/PIER EL = (0'-0")
8. 4"Ø PIPE COLUMN ON (N) 2'-0"x1'-4" PIER. NOTCH (E) FOOTING AS REQUIRED. T/PIER EL = (-0'-8")
9. 6" BLOCK CHASE ON 1'-0" THICKENED SLAB. B.O.W. EL=(0'-0")
10. 6" BLOCK CHASE ON (E) SLAB. RE: 14/S3.0 (SIM.) B.O.W. EL=(0'-0")
11. POUR AROUND (E) COL. FTG. RE: 9/S3.0
12. SOLID GROUT NEW 10" CMU PIERS W/ (1) #6xCONT. VERT.
13. (N) 8" CMU WALL.

PROJECT PHASING

REFER TO THE FOLLOWING DRAWINGS
PH1.00, PH2.00, D1.00 & A1.00 FOR PROJECT PHASING REQUIREMENTS



KEY PLAN
NOT TO SCALE

Missman, inc.
Professional Engineers & Land Surveyors
Rock Island, IL (309) 788-7644 • Bettendorf, IA (563) 344-0260 • Rockford, IL (815) 965-6400 • DeKalb, IL (815) 748-5543
www.missman.com

NO.	DATE	DESCRIPTION
1	04.07.17	Bid and Permit Documents

ISSUANCE

HAGNEY ARCHITECTS LLC
Architecture, Planning, & Interior Design
4615 E. State St. Suite 206
Rockford, Illinois 61108
P: 815.397.3330
F: 815.397.0243
E: Business@HagneyArchitects.com
www.HagneyArchitects.com

STATE OF ILLINOIS
CHAD M. CARR
081-006490
REGISTERED STRUCTURAL ENGINEER

PROFESSIONAL SEAL

EXP. DATE: NOVEMBER 30, 2018

DATE	04.04.17
DRAWN	JFB
CHECKED	CMC
APPROVED	

CARLSON ELEMENTARY SCHOOL
ROCKFORD PUBLIC SCHOOL
ROCKFORD, ILLINOIS

SHEET NO.
S2.0

HAGNEY JOB NO. C1822

FILE: G:\2017\STRUCTURAL\C1822_Hagney_CarlsonSchool\CD\REV\structural\S2.0.dwg
PLOTTED: 4/7/2017 9:40:20 AM PDT
(C.2014 Hagney Architects)