

GENERAL NOTES:

01. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. PROPOSED DIMENSIONS SHALL BE SHOWN ON DRAWINGS. DIMENSIONS SHALL BE SPACING AS CLOSE AS POSSIBLE. EXISTING SKYLIGHT SLOPE MUST MATCH EXISTING EXACTLY DUE TO THE CHANGE IN BRICK COLOR STYLE ALONG THE SCHOOL BUILDING FACE - ONLY.
02. ANY LIMESTONE PANELS, SILLS, ETC. DISCOVERED TO BE CRACKED OR BROKEN DURING FIELD VERIFY SHALL BE REMOVED FOR REPAIR. REPAIRS SHALL BE MADE TO ENSURE THE EXISTING LIMESTONE REMAINS IN TACT. ANY CRACKS, REPAIRS AND SUBSEQUENT LIMESTONE BREAKAGE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
03. INTENTS FOR VERTICAL MULLIONS TO ALIGN WITH THE EXISTING LAYOUT AS CLOSE AS POSSIBLE.
04. INTENTS FOR GREENHOUSE FRAMING TO MATCH COLOR SIMILAR TO PHG DORMANT COAKING #1 COAKING ALUMINUM M1.
05. ALL SEALANTS USED AT GREENHOUSE FRAMING SHALL BE SIMILAR TO THE BRICO DAKRAC 248C COLOR BRIGHT WHITE.
06. MANUFACTURER TO PROVIDE SIZE OF ALL FRAMING MEMBERS, ETC. BASED ON LOADS FROM SPAN. BE SURE TO PROVIDE ALL DIMENSIONS AND SPACING AND SEND BY AIR TO THE ARCHITECT FOR REVIEW IN THE STATE OF MICHIGAN.
07. THE GREENHOUSE STRUCTURE SHALL RELY ON ITS OWN STRUCTURAL INTEGRITY, INDEPENDENT OF THE EXISTING HIGH SCHOOL BUILDING.

EXISTING ITEMS TO REMAIN:

- E1. MASONRY WALL-EXACT CONDITIONS ARE UNKNOWN.
- E2. LIMESTONE BASE PANEL.
- E3. PAINTED CONCRETE FLOOR SLAB.
- E4. CONCRETE SIDEWALK.
- E5. LINE OF ROOF ABOVE.
- E6. DOOR.
- E7. DRAIN PIPE (BELOW GRADE).
- E8. SIDEWALK CONTROL JOINT.

WORK NOTES:

1. REINSTALL EXISTING LIMESTONE SILL/WATER TABLE ABOVE PLUMB AND LEVEL. ATTACH TO BACK-UP MASONRY AS DETAIL IN DRAWING A60.
2. REINSTALL EXISTING LIMESTONE BASE PANEL, PLUMB AND LEVEL, MOVER AS NEEDED TO ATTACH TO BACK-UP MASONRY AS DETAIL IN DRAWING A60.
3. LIMESTONE BASE PANEL, COPY/SET TO FIT EXISTING CONDITIONS. ATTACH TO BACK-UP MASONRY AS DETAIL IN DRAWING A60.
4. RE-BUILD EXISTING BRICK. ANTERIOR FACE AND BACK-UP WITH ECU - MATCH APPROXIMATELY 6 SQUARE FEET.
5. CURVED EAVE GLASS (BASE BID).
6. OPERABLE & REGULATING SKYLIGHT WITH SCREEN, PROVIDE MOTORIZED CONTROL WITH THERMOSTAT AND MANUAL OVERRIDE OPERATION.
7. PREFINISHED METAL GUTTER - SLOPE TO DOWNSPOUT.
8. BEHELED CAP COVER (RAIN IN BELOW).
9. BEHELED CAP COVER (GLAZING BAR BELOW).
10. GLASS MOUNTING (IN BETWEEN OF GLASS). BASE BID. #2.
11. PREFINISHED METAL DOWNSPOUT PROVIDE RECTANGULAR TO ROUND ADAPTER AND TIE INTO EXISTING STORM PIPE (BELOW GRADE). EXACT LOCATION FOR ITEM UNKNOWN. ECU - CPV.
12. CONCRETE SIDEWALK - WHERE REMOVED FOR DOWNSPOUT THEN INSTALL FLUSH TO EXISTING ADJACENT CONCRETE WALK. MATCH EXISTING MINIMUM 6" THICK.
13. PROVIDE 2" INSULATION JOINT FILLER WITH SEALANT.
14. RIDGE CAP.
15. COMPRESSING CAP.
16. AWNING WINDOW WITH SCREEN, ALIGN MULLIONS TO MATCH EXISTING - CPV.

LEGEND:

- NEW CONCRETE SLAB (ASSUMED 6" THICK)
- BRICK RESTORATION (RE-USE EXISTING)
- NEW LIMESTONE
- LOCATION OF CURVED EAVE GLASS
- INDICATES GUTTER SLOPE TOWARD DRAIN

DESIGN LOADING REQUIREMENTS:

- PROPOSED LOAD DATA**
- UNIFORM GROUND SNOW LOAD DATA P_s 30 PSF
 - SNOW EXPOSURE FACTOR C_e 1.0
 - SNOW LOAD IMPORTANCE FACTOR I 1.25
 - SLOPED ROOF: UNIFORM SNOW LOAD P_s 21 PSF
 - SNOW DRIFT LOAD S_d 38 PSF
- SEISMIC LOAD DATA**
- SEISMIC USE GROUP CATEGORY II
 - SPECIAL RESPONSE COEFFICIENTS S_s 0.217
 - SITE CLASS D
- WIND LOAD DATA**
- BASIS WIND SPEED (3 SEC GUST) 90 MPH
 - WIND IMPORTANCE FACTOR I 1.25
 - INTERNAL PRESSURE COEFFICIENT P_i -1.018

Bidding: 22 March 12
 Scale: 1/2" = 1'-0"

Partial Enlarged Plans

Grosse Pointe Public School System
Grosse Pointe South High School
Greenhouse Stabilization

Project No. 5309

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