

W.D. WILLIAMS ELEMENTARY SCHOOL

PROJECT DESCRIPTION:

RETROFIT THE EXISTING WINDOW SYSTEM AT THE AREAS INDICATED.

PROVIDE ALL MATERIALS REQUIRED FOR A COMPLETE RETROFIT WINDOW SYSTEM INSTALLATION INCLUDING REMOVAL AND DISPOSAL OFF SITE OF ALL REMOVED MATERIALS. DISPOSE OF PER REGULATIONS. CONTRACTOR IS ALSO REQUIRED TO PROVIDE ALL WINDOWS CLEANED AND LABELS REMOVED.

PROVIDE NEW INSULATED GLAZING PER SPECIFICATIONS AND FRAMING TO SUPPORT NEW GLAZING.

CONTRACTOR IS RESPONSIBLE FOR ALL PERMIT COSTS.

SHEET SCHEDULE:

COVER ELEVATIONS, FLOOR PLAN, NOTES & OVERALL AND VICINITY PLANS

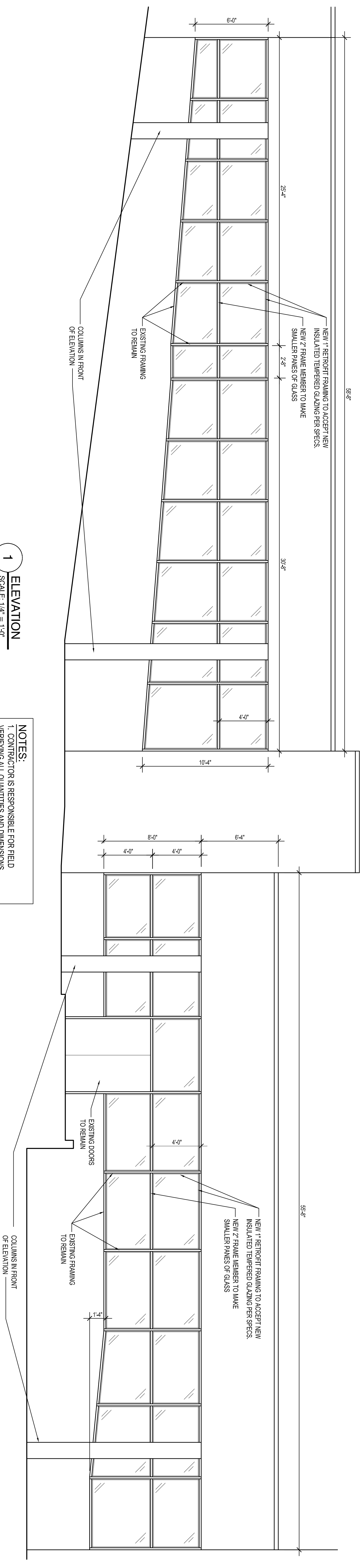
DESIGN AND TECHNICAL CONTACT:

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- NOTES:
- 1) PROVIDE N.C. ENGINEERED SHOP DRAWING FOR NEW COLORED MATCHED ALUMINUM 2" HORIZONTAL DIVIDER IN EXISTING ALUMINUM FRAMING. DIVIDER TO PROVIDE ENHANCED SHEAR STRENGTH TO THE EXISTING WINDOW FRAMING SYSTEM.
 - 2) NEW 1" GLAZING SASH TO ACCEPT NEW INSULATED TEMPERED GLAZING PER SPECS.
 - 3) FILL EXISTING GLAZING POCKET AS REQUIRED TO SECURE NEW GLAZING SASH AND FULLY SEAL.
 - 4) RETROFIT INSTALLATION TO MEET THE DESIGN PRESSURES AND SHGC REQUIRED PER NCBC.
 - 5) MANUFACTURER TO PROVIDE CERTIFICATION OF THE SOLAR HEAT GAIN COEFFICIENT (SHGC) OF .25 OR LESS.
 - 6) INSTALLATION TO BE SIMILAR TO WORK COMPLETED IN PHASE 1 IN THE CAFETERIA.



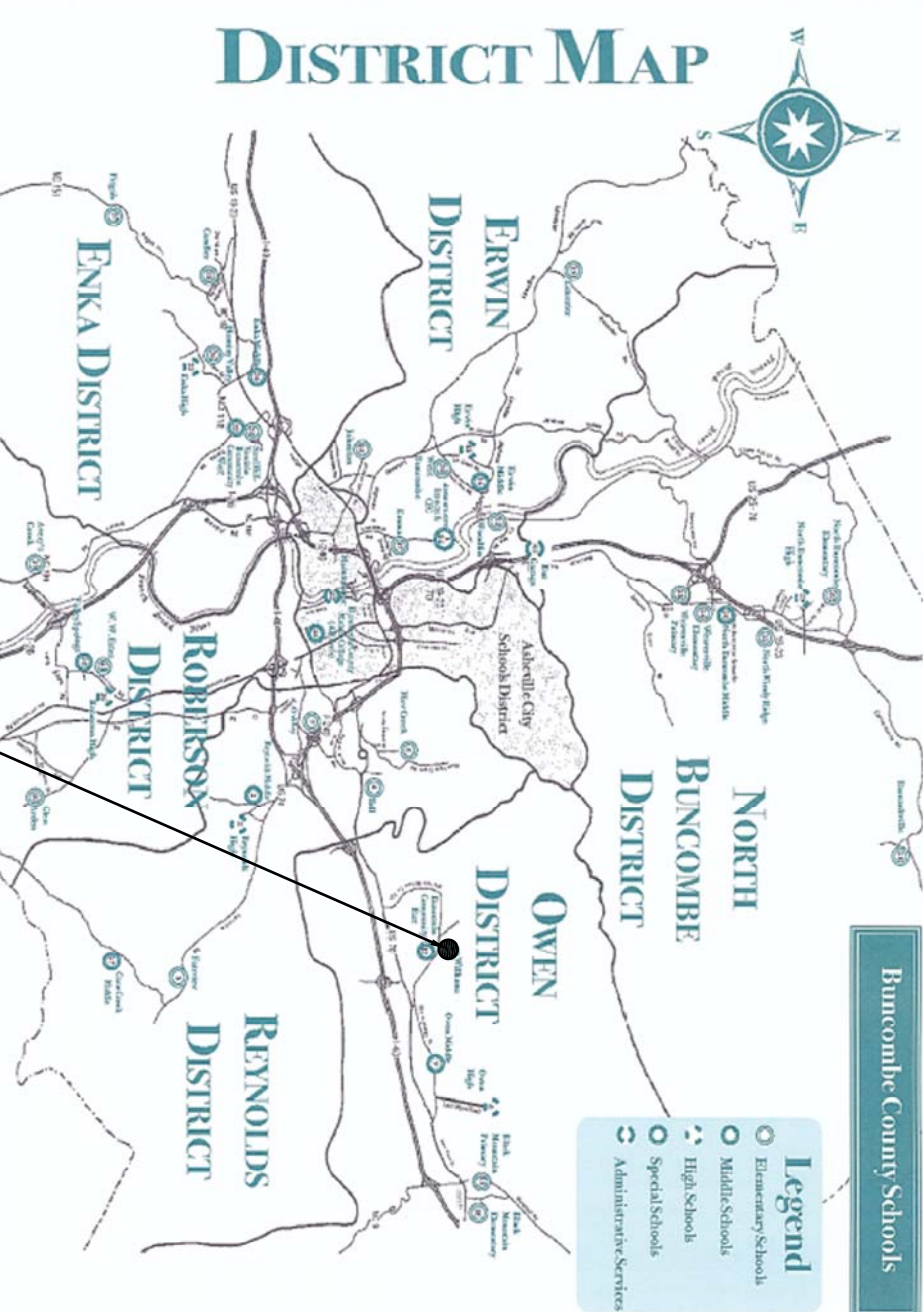
1 ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

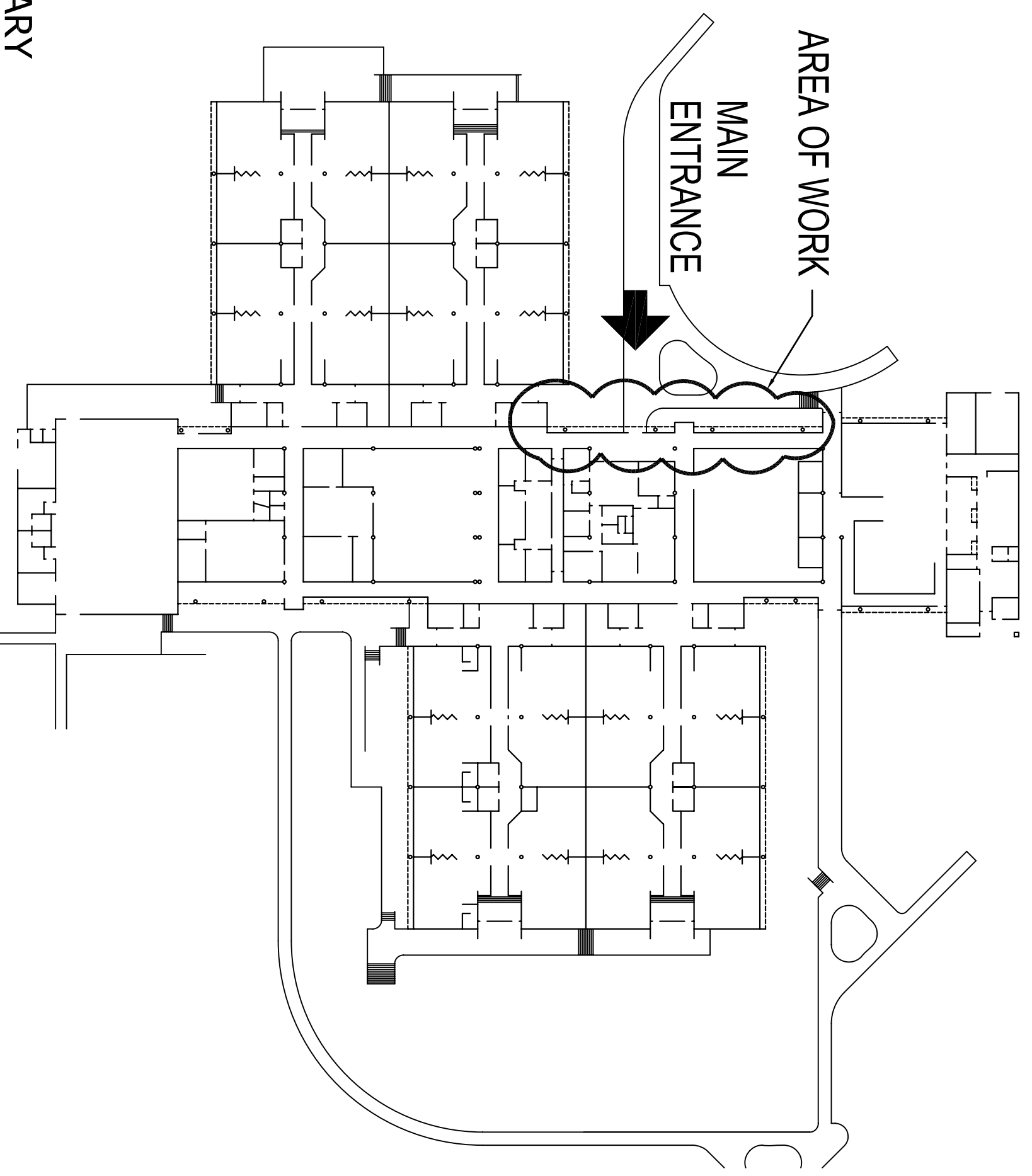
- 1) ALL GLASS TO BE TEMPERED, LOW-E AND FINISH WHETHER NOTED OR NOT.
- 2) VERIFY DIMENSIONS AND OPENINGS IN FIELD & MAKE NECESSARY ACCOMMODATIONS AT NO ADDITIONAL COST TO THE OWNER. MAINTAIN EQUAL SPACING BETWEEN BARS UNLESS OTHERWISE NOTED.
- 3) FRAME MEMBERS SHALL BE MFG. STANDARD DARK BRONZE FINISH.
- 4) INSUL. PANELS SHALL MATCH FRAME COLOR @ EXTERIOR & WHITE INTERIOR WHERE FULLY EXPOSED TO VIEW. OTHER LOCATIONS MAY BE SAME COLOR IN AND OUT.
- 5) THE N ALL EXISTING SUSP. CEILING, WALLS FLOORS AND OTHER EXISTING PERMANENT BLDG ELEMENTS W/ 24 GA. COLOR MATCHED, KYNAR FINISH CLOSURE PANELS, FABRICATED TO EXISTING CONDITIONS.
- 6) SLIDING WINDOWS MUST MEET EGRESS REQUIREMENTS.
- 7) ALL FRAME SYSTEMS SHALL BE 2x4 x 2x4 CURTAIN WALL SYSTEM BY EFCO WITH DURACAST FIBERGLASS PRESSURE BAR.
- 8) FINISH COLOR MATCHED KYNAR 800, 24 GA GALV. STEEL TRIM WALL PANS @ HEAD AND SILES OF ALL WINDOW UNITS. FINISH COLOR OF THE WINDOW FRAME, FINISH TRIMMED EDGES AND DRYS, SHALL CONCEAL JOINTS AND MATERIALS NOT INTENDED TO BE EXPOSED TO VIEW.
- 9) CONTRACTOR TO INCLUDE IN THE PROPOSAL REPLACEMENT OF CEILING TILE AND CEILING GRID MEMBERS IMMEDIATELY ADJACENT TO THE WINDOW UNITS TO ACCOMMODATE DAMAGE DUE TO THIS WORK AND NEW SET LOCATION AND THICKNESS OF THE WINDOW UNIT.
- 10) WHERE THERE IS A SINGLE RECESSED, 120V RECEPTACLE INSTALLED IN THE WALL PANEL, REMOVE AND REINSTALL USING SURFACE MOUNT EMT. NEW SPEC GRADE RECEPTACLE, METAL COVER & SEALED BOX APPROXIMATELY IN SAME LOCATION AS THE EXISTING.
- 11) PROVIDE STEEL INSERTS PER DETAIL S4203 AS REQUIRED FOR WIND LOAD AND DEAD LOAD.
- 12) COORDINATE ALL DIMENSIONS AND COMPONENTS TO CONCEAL INTERIOR WALLS IN ALL OPENINGS.
- 13) PROVIDE ENGINEERS CALCULATIONS DEMONSTRATING COMPLIANCE WITH WIND LOADS FOR THE SPECIFIC CURTAIN WALL FRAMING MEMBERS PROPOSED. IF CALCULATIONS AND DESIGN LOADS ARE NOT FULLY DETAILED IN THE SHOP DRAWINGS, THE CONTRACTOR MAY SUBMIT SEALED N.C. ENGINEERED DRAWINGS IN THEIR PLACE.
- 14) FIELD DRILL WEBS IN HORIZONTAL CURTAIN WALL MEMBERS AS RECOMMENDED BY THE MANUFACTURER.
- 15) CLEAN ALL SURFACES AND GLAZING OF OILS, ADHESIVES, STICKERS, CAULKING AND OTHER CONTAMINANTS TO PROVIDE A NEW, TURNKEY INSTALLATION.
- 16) ADD PVC CAULKING INSERTS 3 SIDES OF ALL FRAMES TO FACILITATE BACKER ROD AND CAULK INSTALLATION.

NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL QUANTITIES AND DIMENSIONS. DIMENSIONS NOTED ARE FOR CONVENIENCE ONLY.
2. PROVIDE INCIDENTAL PAINTING OF SURFACES DAMAGED OR EXPOSED ADJACENT TO WINDOW REPLACEMENT WORK. PAINT TO MATCH TO BE PROVIDED BY BCS.
3. COORDINATE WITH SCHOOL PERSONNEL FOR ACCESS TO BUILDING DURING NORMAL BUSINESS HOURS. ACCESS TO THE SCHOOL FOR THE SUMMER WILL BE 7:00-5:30 MONDAY-THURSDAY.
4. CONTRACTOR TO PROVIDE TEMPORARY PLYWOOD AND PROTECTION OF OPENINGS IN PROGRESS.



2 VICINITY MAP
NOT TO SCALE



3 OVERALL PLAN
NOT TO SCALE

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W.D. WILLIAMS ELEMENTARY SCHOOL
161 BEE TREE ROAD
SWANNANOVA, NC 28778
12-W.D. Williams Windows

GENERAL NOTE:
EFCO WINDOWS:
BASIS FOR DESIGN



COVER PLAN / ELEVATIONS
DESIGNED BY: MKK
DATE: APRIL 10, 2012
PROJECT CODE: