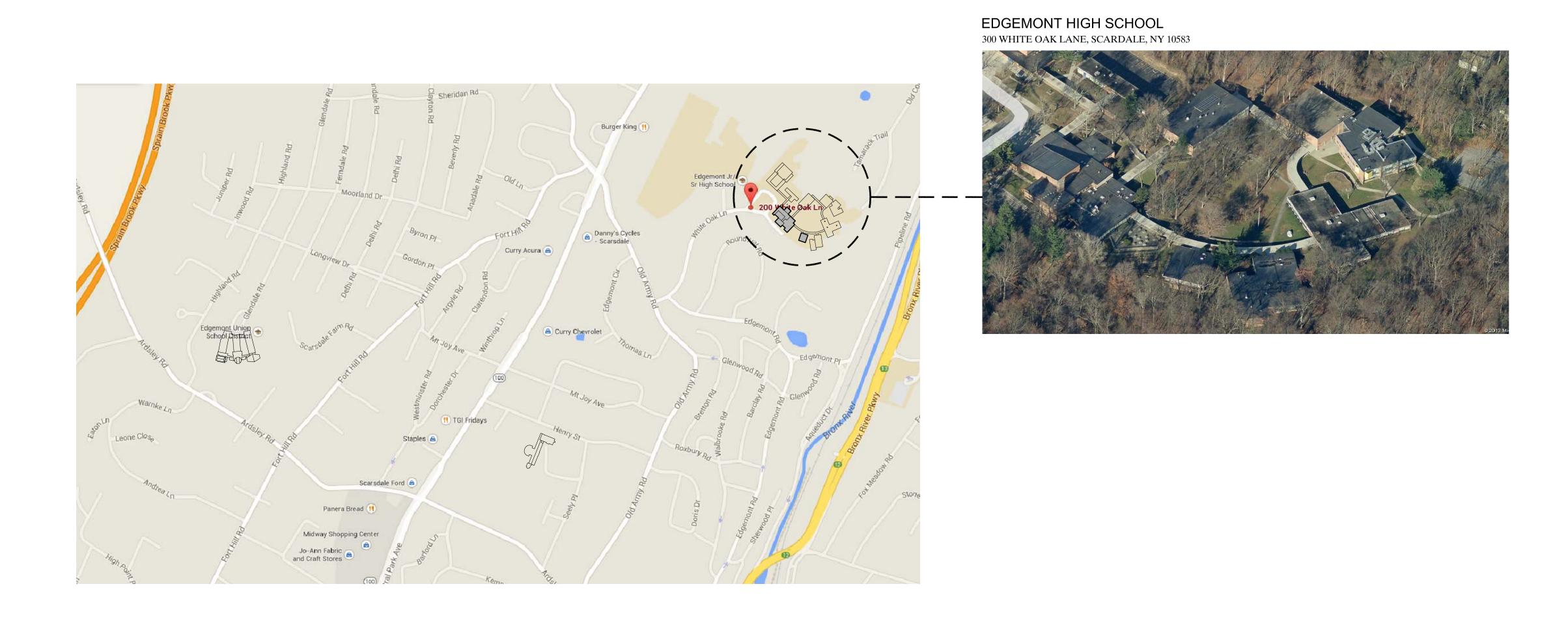
EDGEMONT SCHOOL DISTRICT TOILET RENOVATION AND RELATED WORK AT HIGH SCHOOL ADMINISTRATION BUILDING 300 WHITE OAK LANE, SCARSDALE, NY 10583

SED PROJECT NUMBERS:

HIGH SCHOOL ADMINISTRATION BUILDING: 66-04-06-03-0-011-012





45 KNOLLWOOD ROAD ELMSFORD NEW YORK 10523
TEL 914.592.4444 FAX 914.592.1717

WWW.FULLERDANGELO.COM

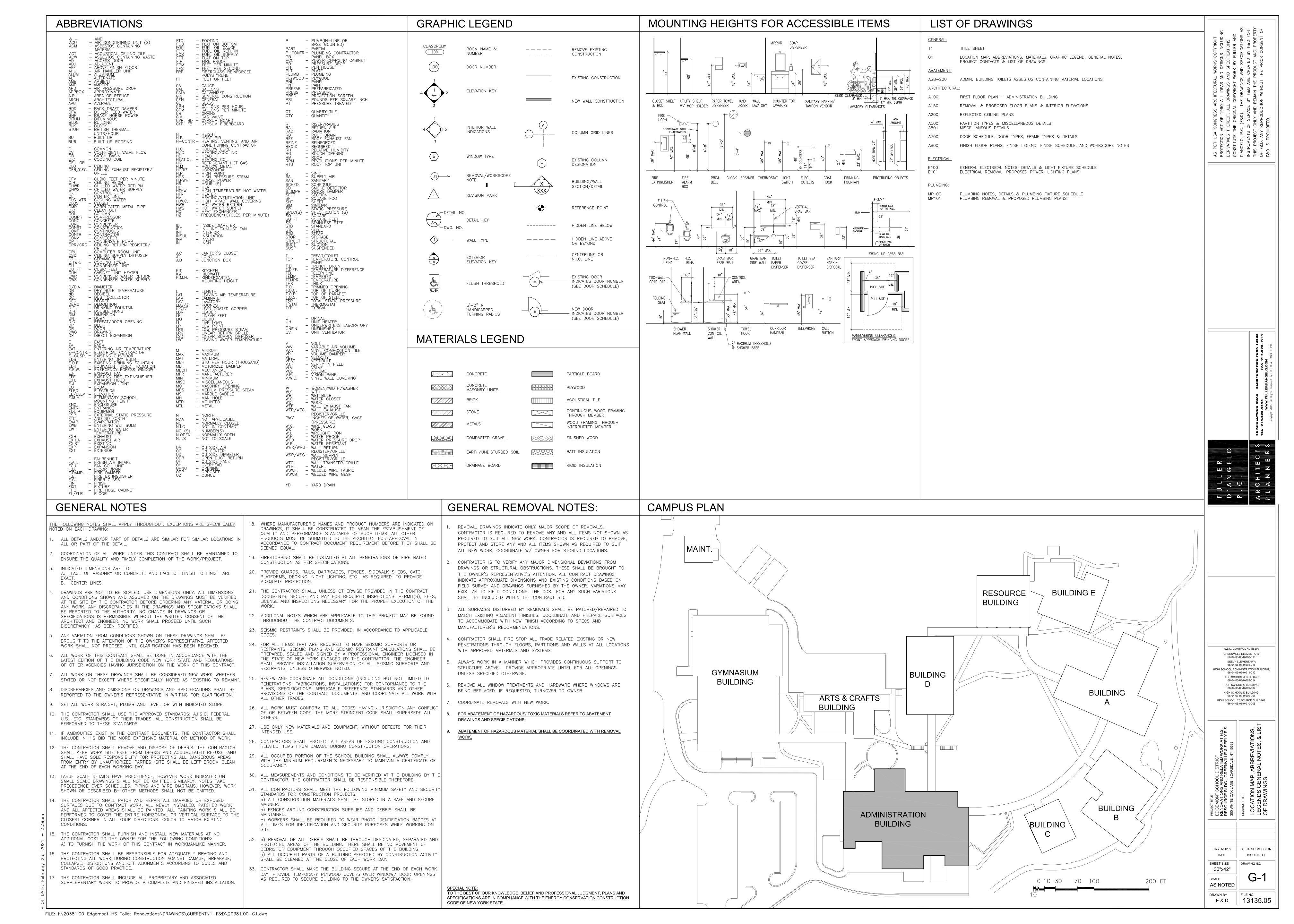
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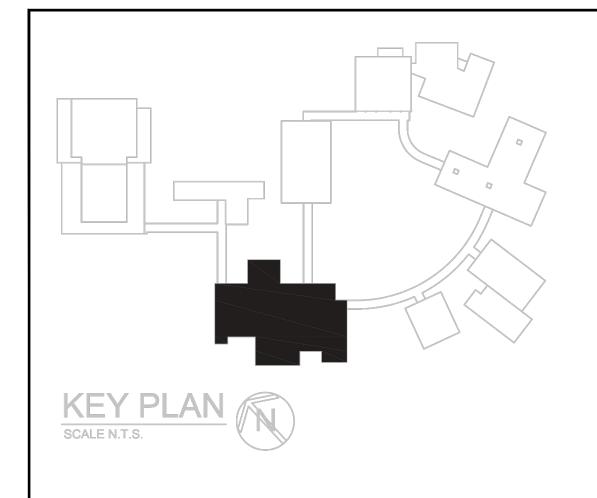
CONSULTANTS:

ENVIRONMENTAL:
WARREN & PANZER
228 EAST 45TH STREET
NEW YORK, NY 10017
phone: 212.922.0077

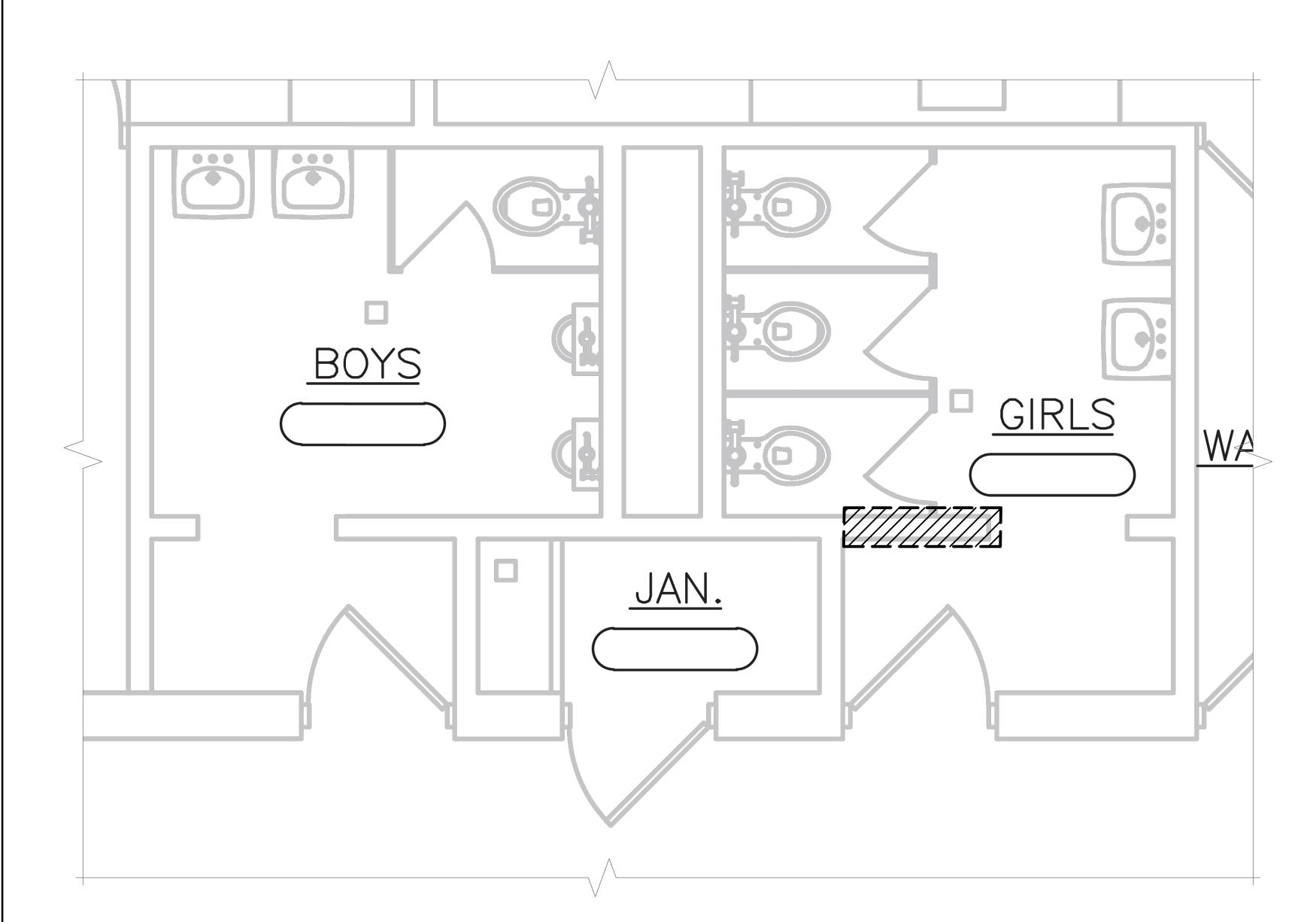
fax: 212.922.0630

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| | | KEY | | |
|---|---------------------------------------|-----------------------|-------------------------|---------|
| | MATERIAL | LOCATION | APPROXIMATE QUANTITY | LEGEND |
| | PLASTER | ENTRY DIVIDER WALL | 120 SF | |
| | LIGHTWEIGHT CONCRETE DECK/ FIBERBOARD | CEILING | 150 SF | |
| · | PIPE INSULATION AND FITTINGS | ABOVE CEILING | 140 LF | 7777777 |

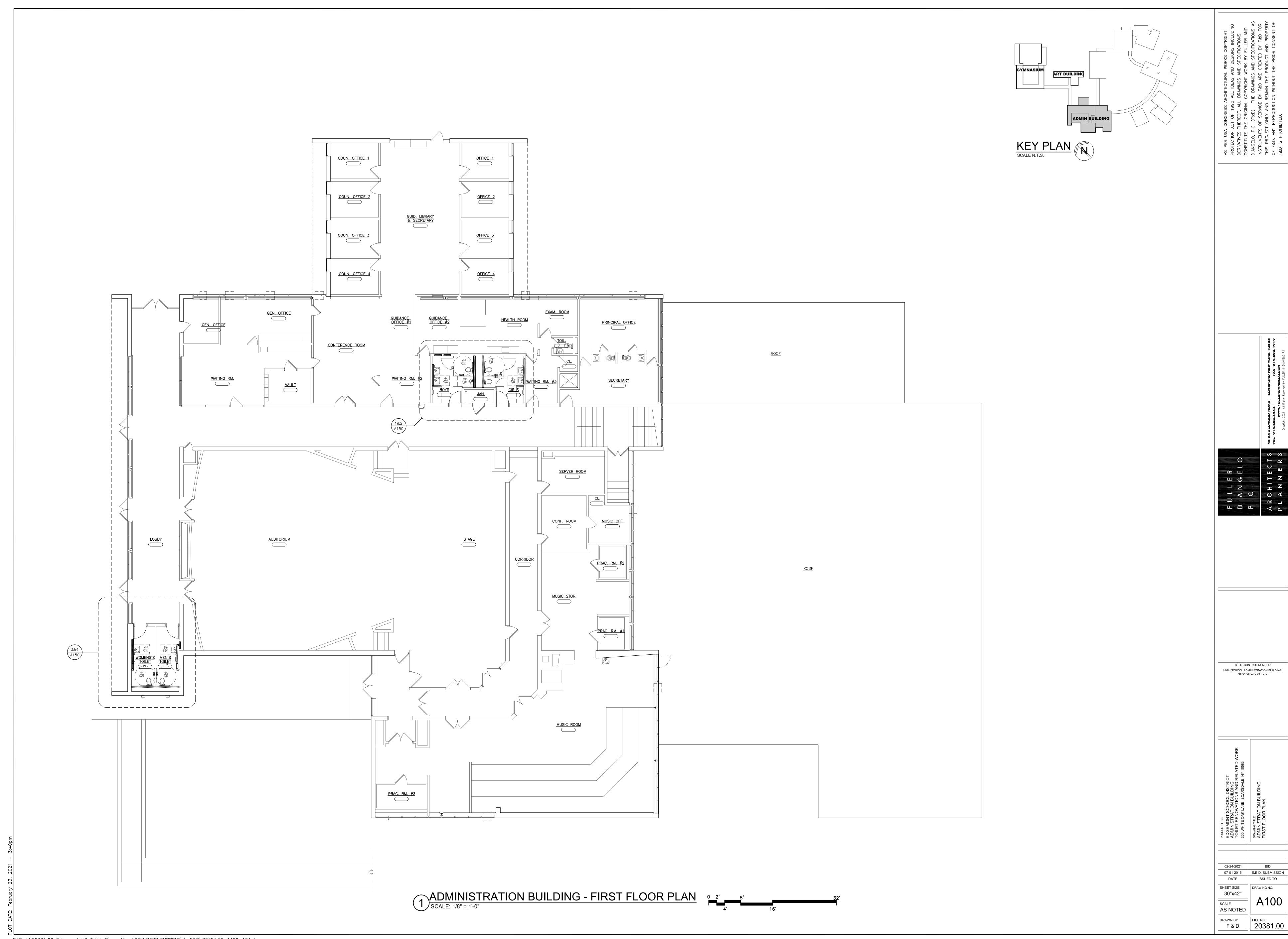


GANG BATHROOMS - FIRST FLOOR PLAN - ADMIN BLDG SCALE: N.T.S.

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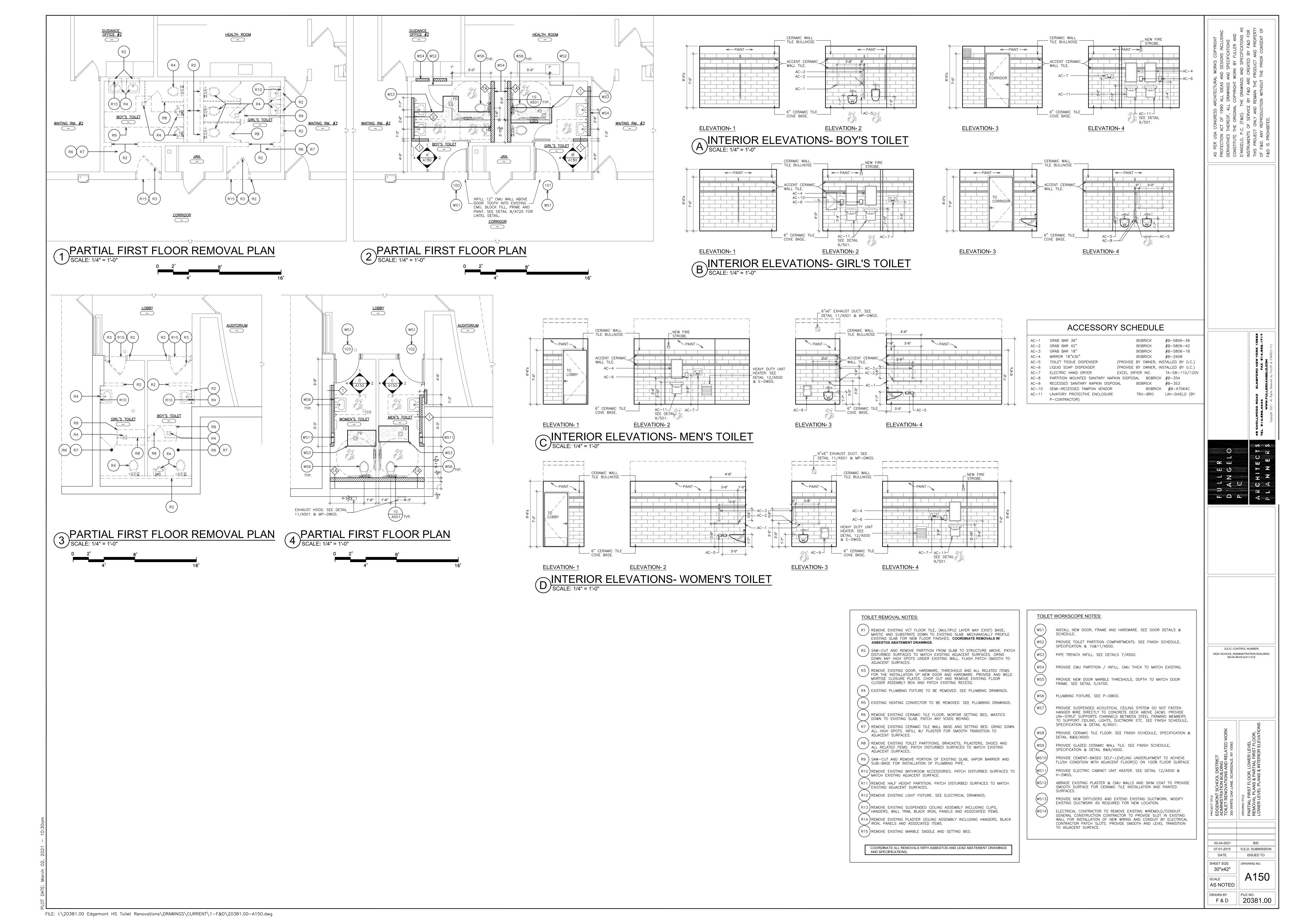
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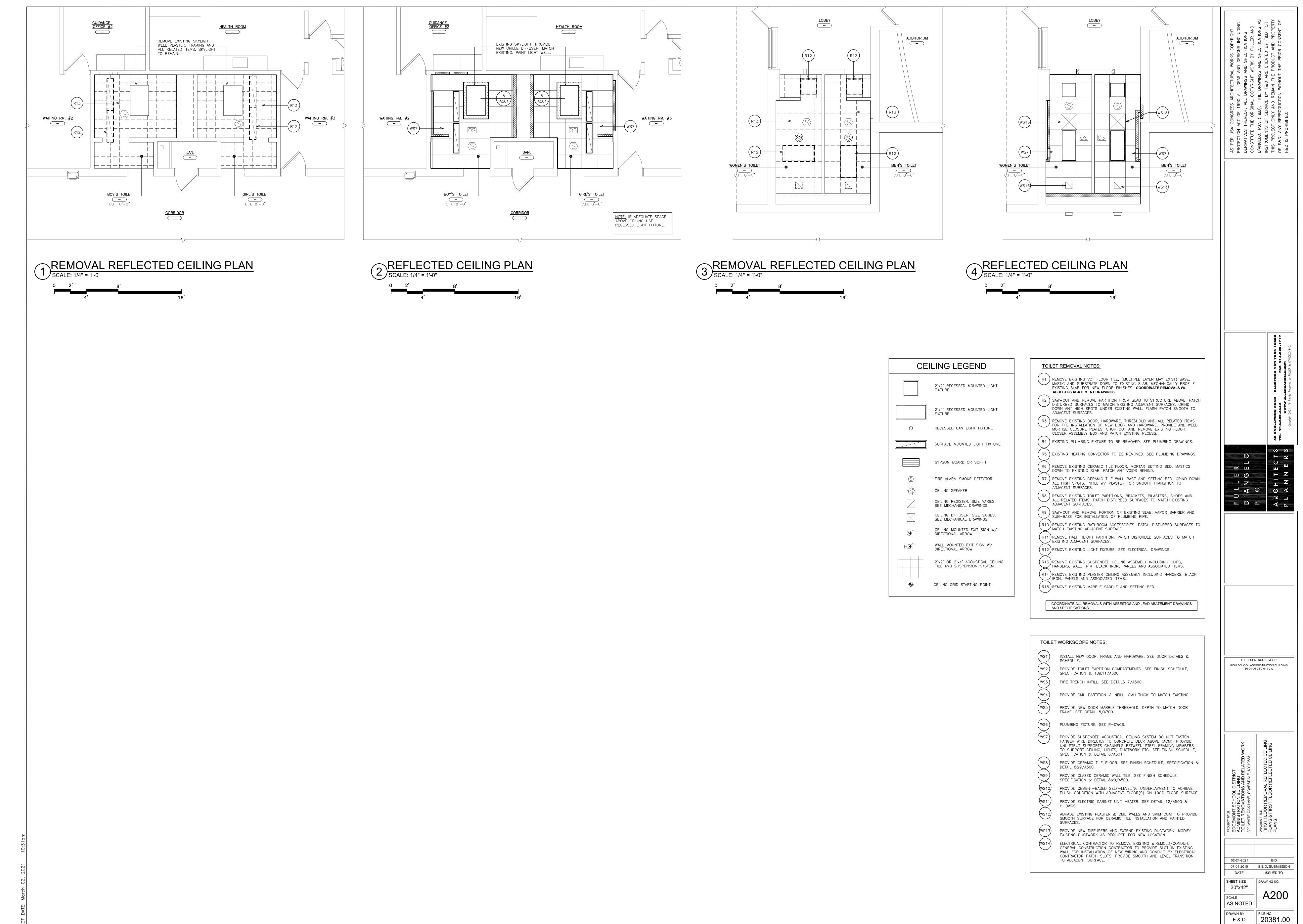
| | P.C. ARCHITECTS PLANNERS |
|--|--|
| SEAL: | |
| HIGH SCHOOL ADI | NTROL NUMBER: MINISTRATION BUILDING: 6-03-0-011-012 |
| EDGEMONT SCHOOL DISTRICT ADMINISTRATION BUILDING TOILET RENOVATIONS AND RELATED WORK 300 WHITE OAK LANE, SCARSDALE, NY 10583 | DRAWING TITLE ADMIN BUILDING TOILETS ASBESTOS CONTAINING MATERIAL LOCATION |
| 02-24-2021 07-01-2015 DATE SHEET SIZE 30"x42" SCALE AS NOTED | BID S.E.D. SUBMISSION ISSUED TO DRAWING NO. ASB-200 |
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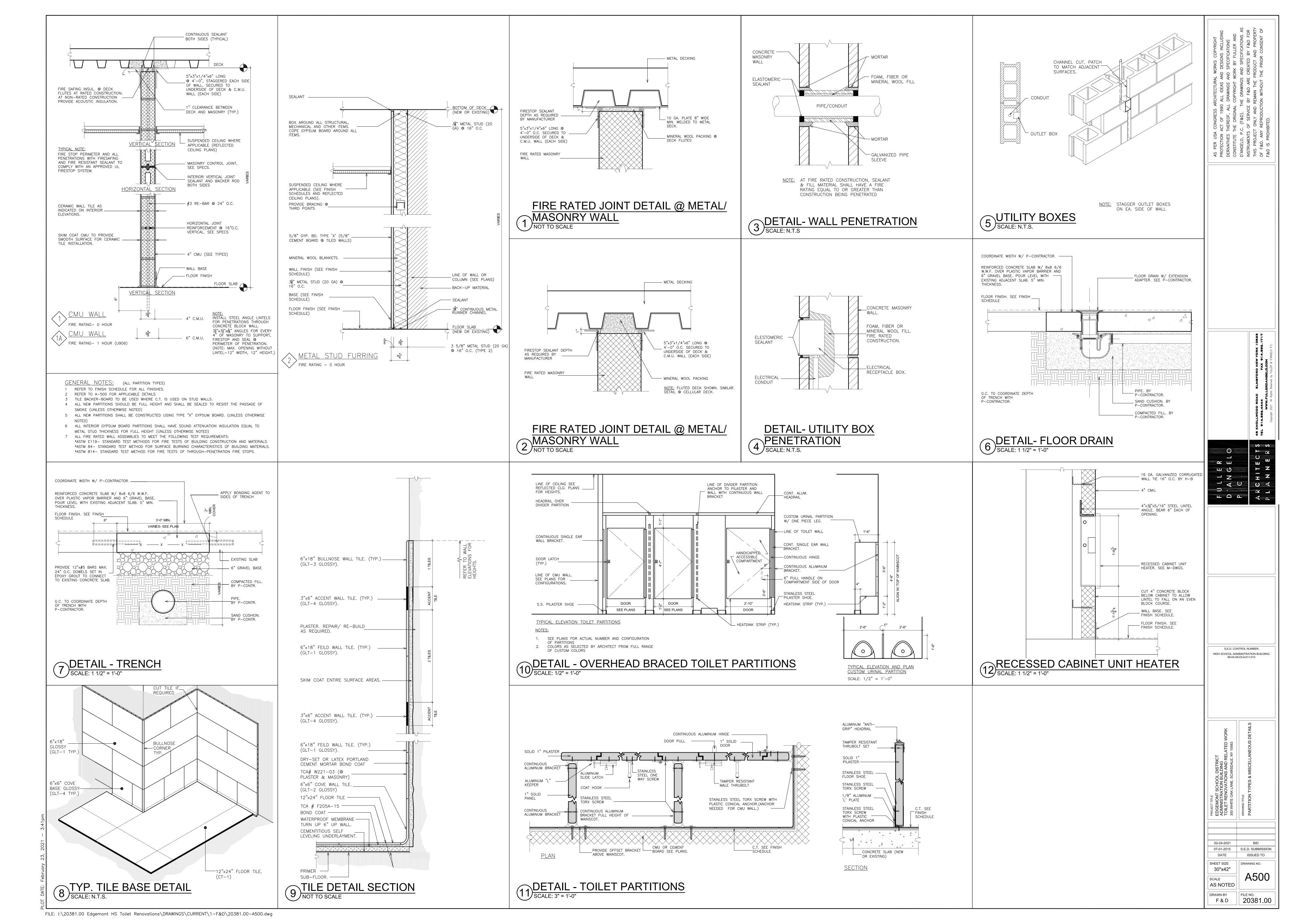
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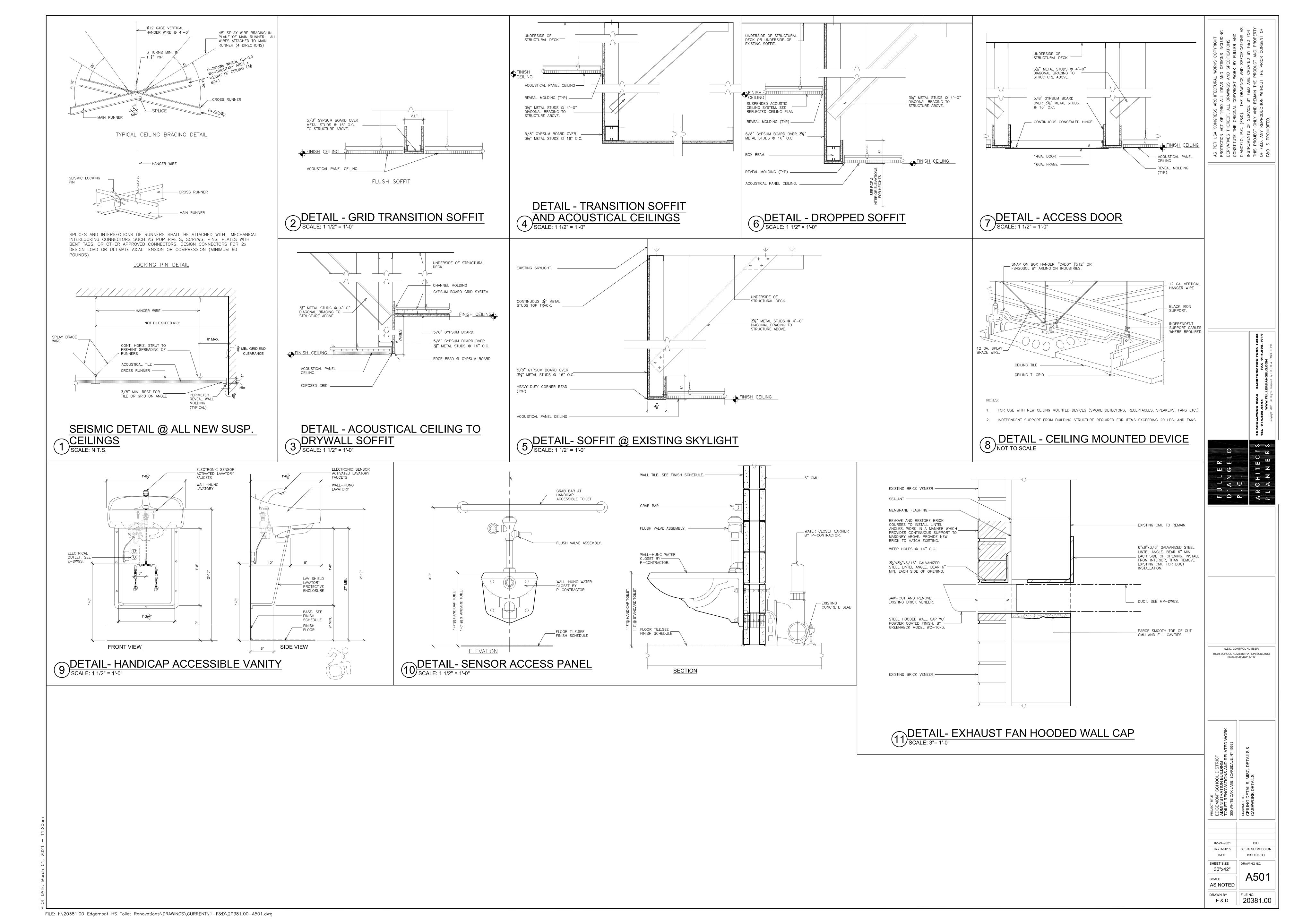
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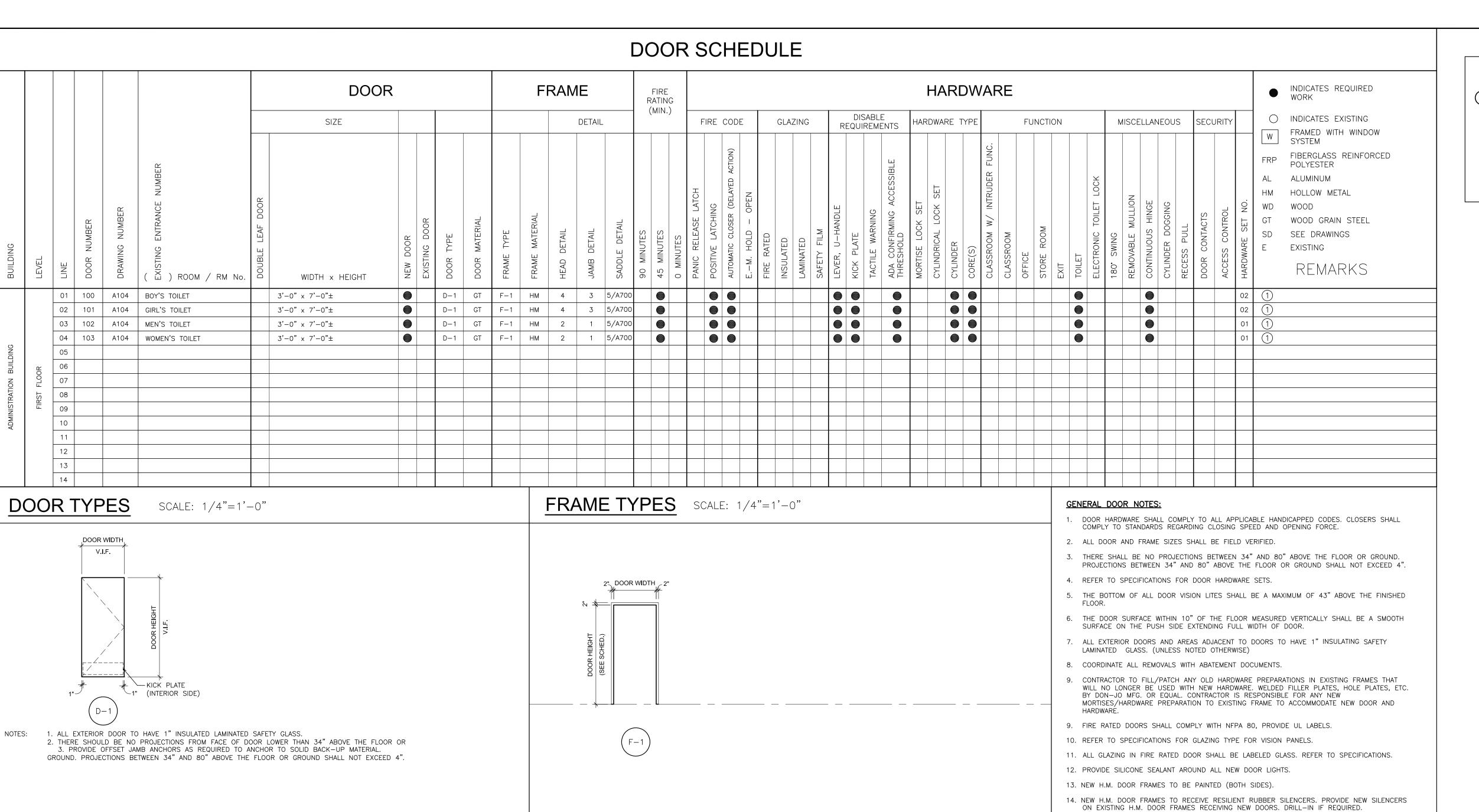


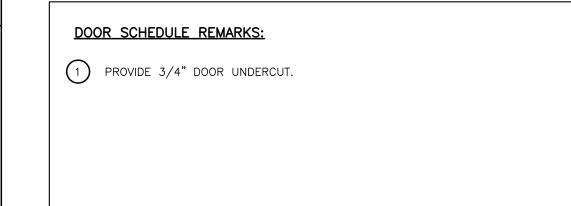


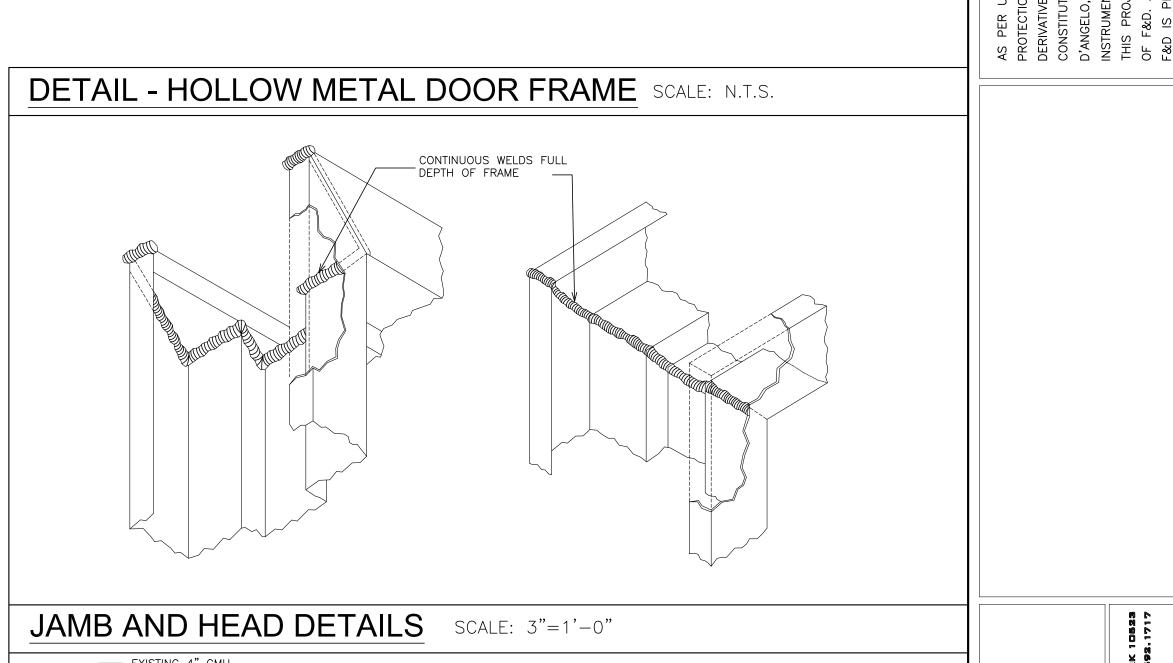
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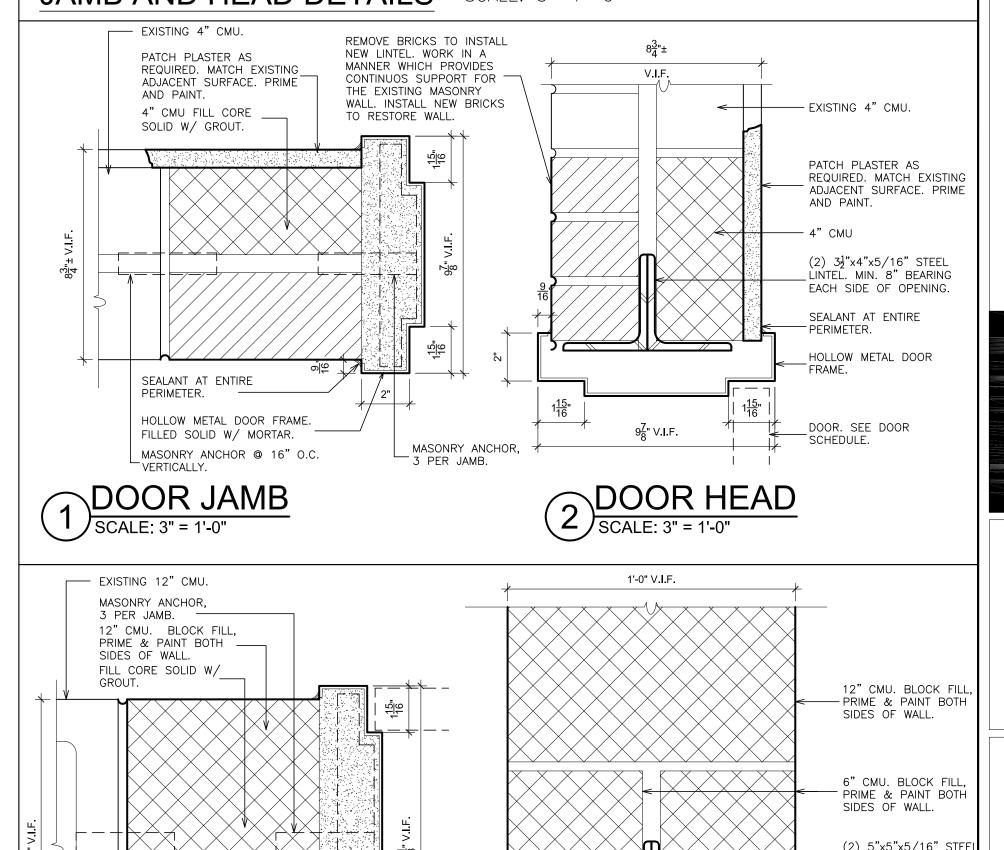


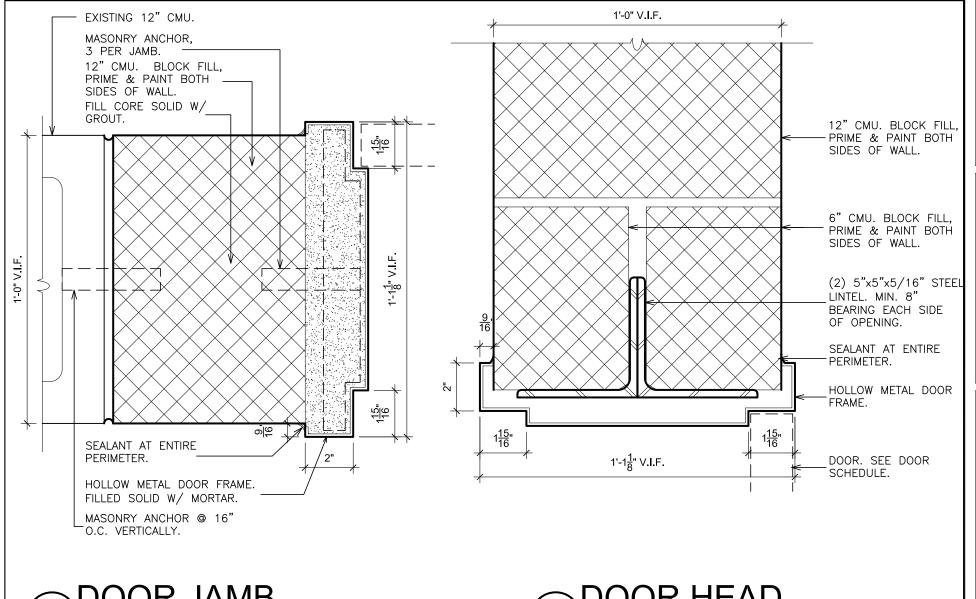


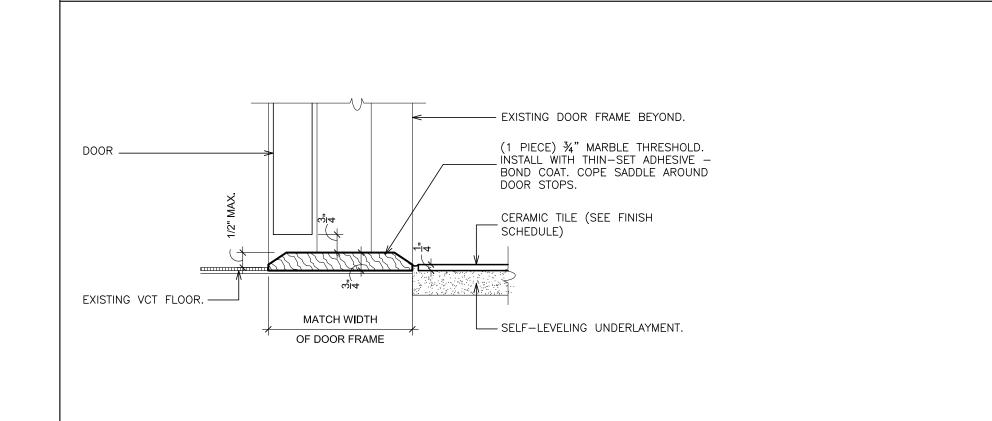












5 MARBLE SADDLE
SCALE: 3" = 1'-0"

| PROJECT TITLE EDGEMONT SCHOOL DISTRICT ADMINISTRATION BUILDING TOILET RENOVATIONS AND RELATED WORK 300 WHITE OAK LANE, SCARSDALE, NY 10583 | DOOR SCHEDULE, DOOR TYPES, FRAME TYPES & DETAILS |
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S.E.D. CONTROL NUMBER:
HIGH SCHOOL ADMINISTRATION BUILDING:

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02-24-2021 BID
07-01-2015 S.E.D. SUBMISSION
DATE ISSUED TO

SHEET SIZE
30"x42"

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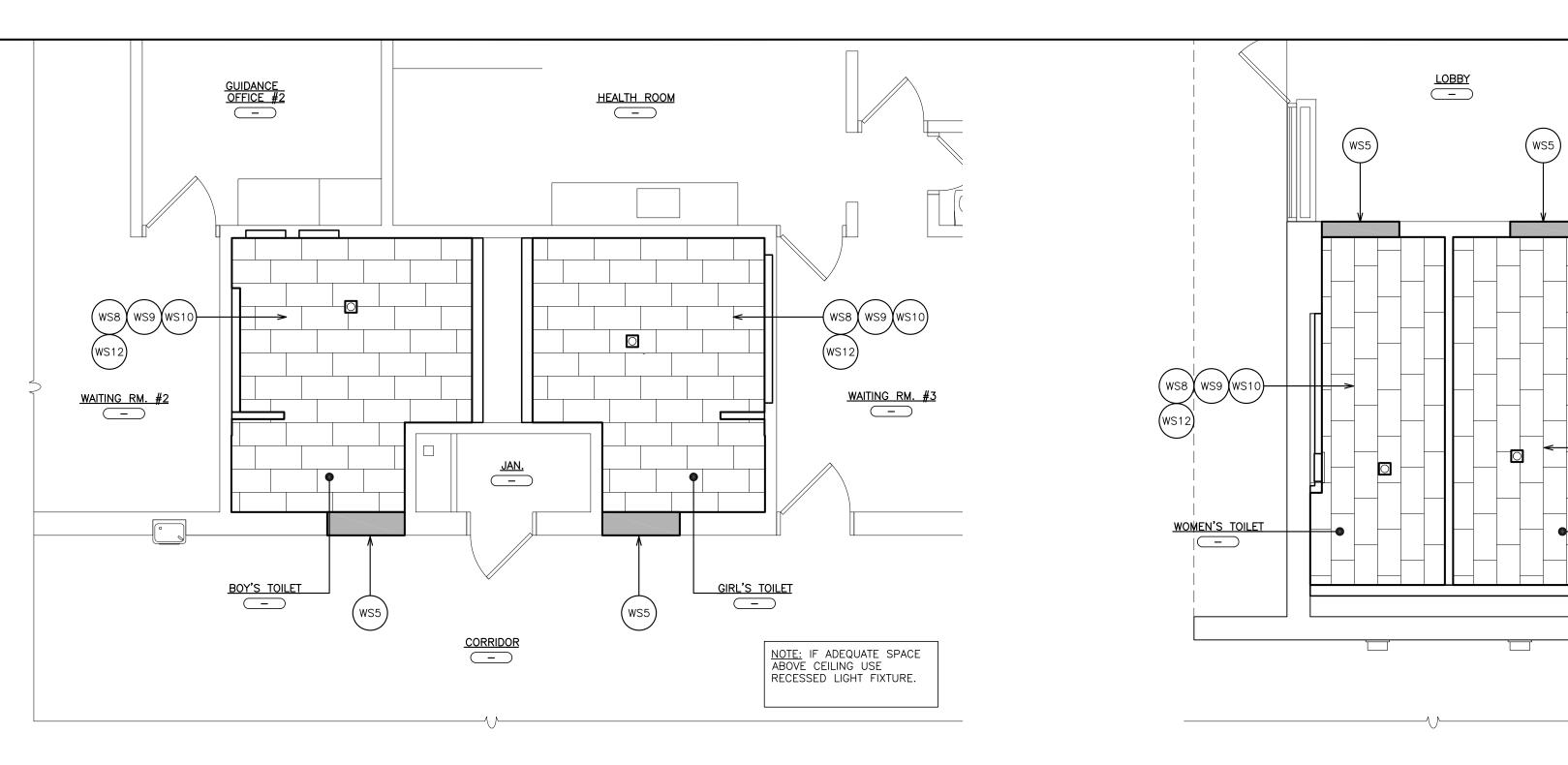
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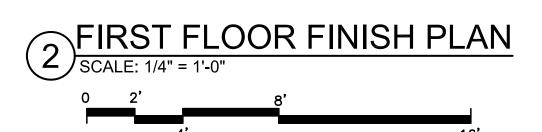
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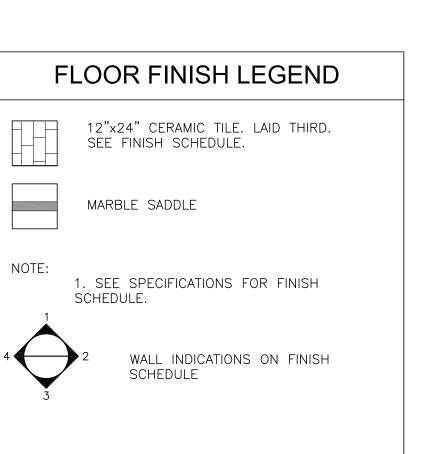
FIRST FLOOR FINISH PLAN

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

16'



| TOILET | WORKSCOPE NOTES: |
|--------|--|
| WS1) | INSTALL NEW DOOR, FRAME AND HARDWARE. SEE DOOR DETAILS & SCHEDULE. |
| (WS2) | PROVIDE TOILET PARTITION COMPARTMENTS. SEE FINISH SCHEDULE, SPECIFICATION & 10&11/A500. |
| (WS3) | PIPE TRENCH INFILL. SEE DETAILS 7/A500. |
| WS4 | PROVIDE CMU PARTITION / INFILL. CMU THICK TO MATCH EXISTING. |
| WS5 | PROVIDE NEW DOOR MARBLE THRESHOLD, DEPTH TO MATCH DOOR FRAME. SEE DETAIL 5/A700. |
| WS6 | PLUMBING FIXTURE. SEE P-DWGS. |
| WS7 | PROVIDE SUSPENDED ACOUSTICAL CEILING SYSTEM DO NOT FASTEN HANGER WIRE DIRECTLY TO CONCRETE DECK ABOVE (ACM). PROVIDE UNI—STRUT SUPPORTS CHANNELS BETWEEN STEEL FRAMING MEMBERS TO SUPPORT CEILING, LIGHTS, DUCTWORK ETC. SEE FINISH SCHEDULE, SPECIFICATION & DETAIL 6/A501. |
| (WS8) | PROVIDE CERAMIC TILE FLOOR. SEE FINISH SCHEDULE, SPECIFICATION & DETAIL 8&9/A500. |
| (WS9) | PROVIDE GLAZED CERAMIC WALL TILE. SEE FINISH SCHEDULE, SPECIFICATION & DETAIL 8&9/A500. |
| (WS10) | PROVIDE CEMENT-BASED SELF-LEVELING UNDERLAYMENT TO ACHIEVE FLUSH CONDITION WITH ADJACENT FLOOR(S) ON 100% FLOOR SURFACE |
| (WS11) | PROVIDE ELECTRIC CABINET UNIT HEATER. SEE DETAIL 12/A500 & H-DWGS. |
| (WS12) | ABRADE EXISTING PLASTER & CMU WALLS AND SKIM COAT TO PROVIDE SMOOTH SURFACE FOR CERAMIC TILE INSTALLATION AND PAINTED SURFACES. |
| (WS13) | PROVIDE NEW DIFFUSERS AND EXTEND EXISTING DUCTWORK. MODIFY EXISTING DUCTWORK AS REQUIRED FOR NEW LOCATION. |
| WS14 | ELECTRICAL CONTRACTOR TO REMOVE EXISTING WIREMOLD/CONDUIT. GENERAL CONSTRUCTION CONTRACTOR TO PROVIDE SLOT IN EXISTING WALL FOR INSTALLATION OF NEW WIRING AND CONDUIT BY ELECTRICAL CONTRACTOR PATCH SLOTS. PROVIDE SMOOTH AND LEVEL TRANSITION TO ADJACENT SURFACE. |
| | |



| | | FI | NOTE: ALL FINISHES SHALL BE CLASS "A" | | |
|----------|-----------------------|-----------------------|--|---------------------------|---|
| LEGEND | SIZE | MANUFACTURER | SERIES/MODEL NO./ COLOR | DESCRIPTION | LOCATION / REMARKS |
| P-1 | - | BENJAMIN MOORE | E-77 / SAIL CLOTH | EGGSHELL PAINT | TOILET WALLS |
| P-2 | - | BENJAMIN MOORE | I-02 / SUPER WHITE | FLAT PAINT | SOFFITS & CEILINGS |
| P-3 | - | BENJAMIN MOORE | COLOR TO BE SELECTED BY ARCHITECT | SEMI-GLOSS DOOR FRAMES | CORRIDOR SIDE DOOR FRAMES |
| P-4 | - | BENJAMIN MOORE | COLOR TO BE SELECTED BY ARCHITECT | SEMI-GLOSS DOOR FRAMES | ROOM SIDE DOOR FRAMES |
| ACT-1 | 2'x2'x 7 " | ARMSTRONG | 563 / CIRRUS HIGH-NRC / LAY-IN | ACOUSTICAL CEILING TILE | TOILETS |
| | | | | | |
| GLT-1 | 6"x18" | UNITED STATE CERAMIC | U761 / TENDER GRAY BRIGHT | GLAZED CERAMIC WALL TILE | TOILET WALLS — FIELD |
| GLT-2 | 6"x6" | UNITED STATES CERAMIC | AT3610 / TENDER GRAY BRIGHT | GLAZED COVE BASE | TOILET WALLS - FIELD |
| GLT-3 | 6"x18" | UNITED STATES CERAMIC | S4618 / TENDER GRAY BRIGHT | GLAZED BULLNOSE | TOILET WALLS — FIELD |
| GLT-4 | 3"x6" | UNITED STATES CERAMIC | U721 / DENIM BRIGHT | GLAZED WALL TILE (GLOSSY) | TOILETS ACCENT |
| CT-1 | 12"x24" | CASALGRANDE PADANA | BASALTINA / STROMBOLI / NATURAL MATT | PORCELAIN FLOOR TILE | TOILET FLOORS FIELD / JOINTS @ 1/3 POINTS OF TI |
| TOILET-1 | - | SCRANTON PRODUCTS | SOLID PLASTIC / STAINLESS / ROTARY BRUSHED | TOILET PARTITION | BOY'S TOILET PARTITIONS |
| | | | | | |
| | | | | | |
| | | | | | |
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| FINISH SCHEDULE 4 ON PLAN WALL INDICATIONS ON PLAN | | | | | | | 2 WALL INDICATIONS ON PLAN | | | | | | | | |
|--|------|----------------|-------|--------|---------------------|-------------------|-------------------------------|-------------------|-------|-------|----------------|----------|-----------------|--------|---------|
| | | | | BASE | | | | | | TF | RIM | | ASEWOR | .K | |
| _EVEL | LINE | DESIGNATION | FLOOR | (MAT.) | WALL 1 | WALL 2 | WALL 3 | WALL 4 | CLG. | DOORS | DOOR FRAMES | CABINETS | COUNTER TOPS | EDGING | REMARKS |
| | 01 | BOY'S TOILET | CT-1 | GLT-2 | GLT-1,3,4 G PT-1 | GLT-1,3,4 PT-1 | GLT-1,3,4 PT-1 | GLT-1,3,4 PT-1 | ACT-1 | _ | PT-3&4 | _ | _ | _ | |
| | 02 | GIRL'S TOILET | CT-1 | GLT-2 | GLT-1,3,4 G PT-1 | GLT-1,3,4 PT-1 | GLT-1,3,4 PT-1 | GLT-1,3,4 PT-1 | ACT-1 | _ | PT-3&4 | _ | _ | _ | |
| χ. | 03 | MEN'S TOILET | CT-1 | GLI-Z | GLT-1,3,4 G PT-1 | GLT-1,3,4 PT-1 | GLT-1,3,4 PT-1 | GLT-1,3,4 PT-1 | ACT-1 | _ | PT-3&4 | _ | _ | _ | |
| | 04 | WOMEN'S TOILET | CT-1 | GLT-2 | GLT-1,3,4 G PT-1 | GLT-1,3,4 PT-1 | GLT-1,3,4 PT-1 | GLT-1,3,4 PT-1 | ACT-1 | _ | PT-3&4 | _ | _ | _ | |
| FIRST FLOOR | 05 | | | | | | | | | | | | | | |
| R R | 06 | | | | | | | | | | | | | | |
| | 07 | | | | | | | | | | | | | | |
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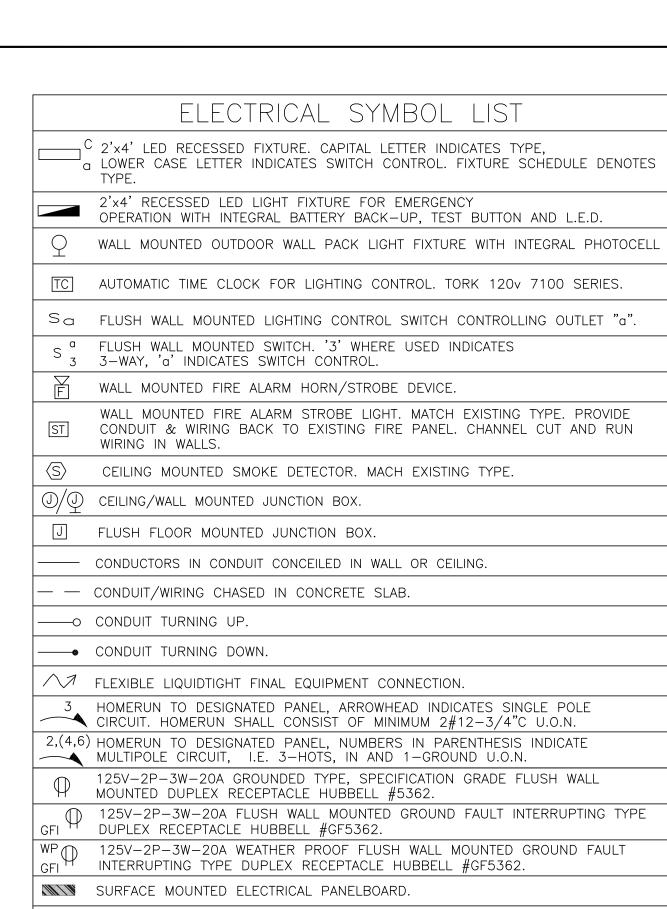
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S.E.D. CONTROL NUMBER:
HIGH SCHOOL ADMINISTRATION BUILDING:
66-04-06-03-0-011-012

| DRAWII FINIS WOR | TOILET RENOVATIONS AND RELATED WORK 300 WHITE OAK LANE, SCARSDALE, NY 10583 | DRAWING TITLE FINISH FLOOR PLANS FINISH LEGEND, FINISH SCHEDULE, AND WORKSCOPE NOTES |
|------------------------|--|--|
| | EDGEMONT SCHOOL DISTRICT ADMINISTRATION BUILDING TOILET RENOVATIONS AND RE 300 WHITE OAK LANE, SCARSDALE, N | PRAWING TITLE FINISH FLO FINISH LEG WORKSCO |

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| 02-24-2021 | BID |
| 07-01-2015 | S.E.D. SUBMISSION |
| DATE | ISSUED TO |
| SHEET SIZE | DRAWING NO. |
| 30"x42" | 4 0 0 0 |
| SCALE | A800 |
| AS NOTED | |
| DRAWN BY | FILE NO. |
| F&D | 20381.00 |



WALL MOUNTED EMERGENCY LIGHT FIXTURE W/ EXIT SIGN

LIGHTING CONTROL. WATTSTOPPER DT-355.

FAN SHUTDOWN.

LINE VOLTAGE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR FOR

NEMA 1 ENCLOSURE. ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING

MINIMUM VENTILATION CONTROL SWITCH. GREENHECK. ASHRAE 62.2.

INTERFACE MODULE CONSISTING OF CONTROL RELAY AND MONITOR MODULES. IN

DISCONNECT/STARTERS DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR

| | \ |
|----------|---|
| <u> </u> | ABBREVIATIONS |
| ABBV. | DESCRIPTION |
| Α | AMP/AMPERE |
| A.F.F. | ABOVE FINISHED FLOOR |
| AWG | AMERICAN WIRE GAUGE |
| С | CONDUIT |
| C.F. | CEILING FAN |
| CU | CONDENSING UNIT |
| (E) | EXISTING TO REMAIN |
| E.C. | ELECTRICAL CONTRACTOR |
| EF | EXHAUST FAN |
| (ER) | EXISTING TO BE RELOCATED |
| EXIST. | EXISTING |
| F.A. | FIRE ALARM |
| F.A.C.P. | FIRE ALARM CONTROL PANEL |
| F.B.O | FURNISHED BY OTHERS |
| G,GRD | GROUND |
| GFI | GROUND FAULT INTERRUPTER |
| kcmil | THOUSAND CIRCULAR MILLS |
| KVA | KILOVOLT AMPERE |
| KW | KILOWATT |
| мсв | MAIN CIRCUIT BREAKER |
| MSB | MAIN SWITCH BOARD |
| M.L.O. | MAIN LUGS ONLY |
| N.T.S. | NOT TO SCALE |
| PNL | ELECTICAL PANELBOARD |
| (R) | REMOVE EXISTING |
| RECPT | RECEPTACLE |
| (RN) | REPLACE EXISTING W/NEW |
| TYP. | TYPICAL |
| U.O.N. | UNLESS OTHERWISE NOTED |
| UVAC | UNIT VENTILATOR |
| W | WATT |
| WG | WHERE INDICATED E.C. SHALL PROVIDE WIRE GUARD AS REQUIRED |
| WP | WEATHERPROOF |

GENERAL REMOVAL ELECTRICAL NOTES:

- 1. BEFORE COMMENCING WORK, EXAMINE ALL ADJOINING AREAS THAT MAY BE AFFECTED BY REMOVAL. REPORT TO THE GENERAL CONTRACTOR ANY CONDITION THAT PREVENTS PERFORMANCE OF THE WORK.
- BECOME THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS WHERE CONNECTIONS MUST BE MADE, CHANGED OR ALTERED. THE INTENT OF THE WORK IS SHOWN ON THE DRAWINGS AND DESCRIBED HEREINAFTER AND NO CONSIDERATION WILL BE GRANTED BY REASON OF LACK OF FAMILIARITY ON THE PART OF THE CONTRACTOR WITH ACTUAL PHYSICAL CONDITIONS AT THE SITE. INSPECT EACH AND EVERY AREA AFFECTED BY THE ALTERATION OF THE SPACE BEFORE SUBMITTAL OF BID.
- 3. ALL ELECTRICAL EQUIPMENT IS EXISTING TO BE REMOVED UNLESS OTHERWISE NOTED. THIS SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: PANEL BOARDS.
- PUBLIC ADDRESS DEVICES. LIGHTING FIXTURES AND SWITCHES.

PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

- CIRCUIT BREAKERS AND DISCONNECT SWITCHES. RECEPTACLES, OUTLETS AND DEVICES.
- FIRE ALARM DEVICES. 4. ALL CONDUCTORS AND CONDUIT ASSOCIATED WITH THE ELECTRICAL EQUIPMENT SHALL BE REMOVED COMPLETELY BACK TO ITS SOURCE OF POWER AND DISCONNECTED.
- 5. ALL POWER CONDUCTORS, CONTROL WIRING AND CONDUIT ASSOCIATED WITH MECHANICAL EQUIPMENT SUCH AS FANS, AIR CONDITIONING UNITS, PUMPS, ETC. DESIGNATED FOR REMOVAL ON THE HVAC AND PLUMBING REMOVAL DRAWINGS SHALL BE REMOVED CLEAR BACK TO THE SOURCE OF POWER AND DISCONNECTED. ALL MOTOR STARTERS, DISCONNECT SWITCHES, CONTROL DEVICES, ETC. SHALL BE REMOVED. REFER TO MECHANICAL AND
- 6. CIRCUIT BREAKERS AND/OR SWITCHES IN PANEL BOARD(S) OR DISTRIBUTION BOARD(S) MADE SPARE DUE TO REMOVAL SHALL BE DESIGNATED AS SUCH ON THE EQUIPMENT SCHEDULE.
- 7. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO TRACE AND RELOCATE ALL EXISTING FEEDERS AND BRANCH CIRCUIT WIRING WHICH PASSES THROUGH THE REMOVAL AREA THAT SERVE EXISTING OCCUPIED SPACES TO REMAIN. COORDINATE WITH BUILDING MANAGER PRIOR TO ANY SHUTDOWNS OR DISRUPTIONS THAT MAY BE REQUIRED TO ACCOMPLISH THIS WORK.
- 8. DISPOSE OF ALL REMOVED EQUIPMENT, WHICH IS NOT INTENDED TO BE REUSED. PRIOR TO DISPOSAL, CONTACT BUILDING MANAGER TO DETERMINE IF ANY REMOVED EQUIPMENT IS
- DESIRED FOR STOCK. 9. EXISTING CIRCUIT BREAKERS IN PANEL(S) ARE TO BE RE-USED. ELECTRICAL CONTRACTOR TO
- 10. ALL FIRE ALARM DEVICES ARE EXISTING TO BE REUSED UNLESS OTHERWISE NOTED. 11. EXISTING EQUIPMENT DESIGNATED FOR REUSE SHALL BE CLEANED, REFURBISHED AND
- OF LIGHT FIXTURES. REPLACEMENT OF INOPERABLE BALLASTS AND LAMPS, RESISTANCE TESTING OF BRANCH CIRCUITRY AND FEEDERS, ETC 12. EXTEND EXISTING CIRCUITRY TO THOSE DEVICES THAT ARE TO BE RELOCATED. MATCH
- DISCONNECT PANEL AND CIRCUIT BREAKÉRS WITH GREAT CARE TO ENSURE AGAINST DAMAGE. THIS CONTRACTOR SHALL PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED.

RESTORED TO OPTIMUM PERFORMANCE. THIS SHALL INCLUDE BUT NOT LIMITED TO CLEANING

EXISTING TYPE AND SIZE. RELOCATION OF EXISTING EQUIPMENT SHALL BE PERFORMED ONLY UPON OWNERS ACCEPTANCE OF EXISTING EQUIPMENT.

ELECTRICAL WORK NOTES

- 1. CONNECT NEW RECEPTACLES TO EXISTING INDICATED PANEL BOARD. PROVIDE NEW 1P-20AMP BREAKER IN EXISTING SPACE AND CIRCUIT WITH 2#12+1#12G IN ₹"C. PROVIDE ALL ACCESSORIES FOR COMPLETE INSTALLATION. CIRCUIT NUMBERS ARE SHOWN FOR CONTRACTORS GUIDANCE ONLY.
- EXISTING ELECTRICAL PANELS WHICH CURRENTLY HAVE NO IDENTIFICATION TAGS HAVE BEEN ARBITRARILY LABELED IN THESE DOCUMENTS FOR IDENTIFICATION PURPOSES.
- 3. CONNECT NEW RECEPTACLE TO EXISTING PANEL BOARD LOCATED IN EXISTING ELECTRICAL ROOM. PROVIDE NEW 1P-20AMP BREAKER IN EXISTING SPACE AND CIRCUIT WITH 2#12+1#12G IN 3"C. PROVIDE ALL ACCESSORIES FOR COMPLETE INSTALLATION. CIRCUIT NUMBERS ARE SHOWN FOR CONTRACTORS GUIDANCE ONLY.
- 4. ELECTRICAL CONTRACTOR SHALL REPLACE EXISTING PANEL BOARD COVER WITH NEW LOCKABLE TYPE PANEL COVER TO MATCH EXISTING. NEW PANEL BOARD COVERS SHALL ALL BE KEYED THE SAME AND PROVIDE THE OWNER WITH 2 KEYS FOR EACH PANEL BOARD.

GENERAL POWER NOTES:

- A. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES AND OUTLETS.
- B. RECEPTACLES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH DEVICE. CIRCUITRY MAY BE SHOWN IN CERTAIN INSTANCES.
- C. ALL RECEPTACLES SPECIFIED FOR PERSONAL COMPUTERS, LASER PRINTERS AND SIMILAR TYPES OF EQUIPMENT SHALL BE PROVIDED WITH A SEPARATE NEUTRAL AND GROUND CONDUCTOR. SHARED NEUTRAL CONDUCTORS FOR THESE HOMERUNS ARE NOT PERMITTED.
- D. THE ELECTRICAL CONTRACTOR SHALL CONFIRM THE CONFIGURATION TYPE FOR ALL SPECIAL RECEPTACLES FOR COPIERS, DATA PROCESSING EQUIPMENT. ETC. WITH OWNER AND ENGINEER PRIOR
- E. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD, TO BALANCE THE CIRCUITS EVENLY ON ALL PHASES.
- F. EXACT LOCATION OF MECHANICAL EQUIPMENT SHALL BE COORDINATED IN THE FIELD.
- G. ALL WIRING SHALL BE RUN IN EMT CONDUIT. FLEXIBLE CABLE IS NOT ALLOWED.
- H. MECHANICAL EQUIPMENT IS LOCATED ABOVE THE HUNG CEILING UNLESS OTHERWISE NOTED. EXACT LOCATION SHALL BE DETERMINED FROM MECHANICAL DRAWINGS. I. ALL RECEPTACLES SHALL BE GROUND FAULT INTERRUPTING TYPE.

GENERAL LIGHTING NOTES:

- A. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF LIGHTING FIXTURES AND
- B. ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE
- UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE. C. PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION
- OBTAIN CLARIFICATION PRIOR TO PROCEEDING. D. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL ADJUST
- ACCORDINGLY IN THE FIELD TO BALANCE THE CIRCUITS EVENLY ON ALL PHASES.
- E. MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACE
- F. ALL LIGHTING FIXTURES CIRCUITS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL. G. ALL WIRING SHALL BE IN EMT CONDUIT, FLEXIBLE CABLE IS NOT ALLOWED EXCEPT FOR FINAL CONNECTIONS TO LIGHT FIXTURES.

| LIGHTING FIXTURE SCHEDULE | | | | | | | | |
|---------------------------|----------|-------------------|--|--|--|--|--|--|
| TYPE | MOUNTING | LAMPS | DESCRIPTION | MANUFACTURER & CAT.# | | | | |
| 'A' | RECESSED | 5000L-35K 120V | 2'x4' RECESSED FLAT PANEL LED LIGHT FIXTURE WITH NOMINAL 2.8" DEEP, HIGH REFLECTIVE, LIGHT STABILIZED .125" FROSTED ACRYLIC LENS. | HE WILLIAMS MODEL#- LP SERIES LP-24-L50/835-UNV | | | | |
| 'A1' | RECESSED | 5000L-35K 120V | SIMILAR TO FIXTURE TYPE 'A' EXCEPT FOR EMERGENCY OPERATION WITH SELF—CONTAINED 90 MINUTE BATTERY BACK—UP | HE WILLIAMS MODEL#- LP SERIES LP-24-L50/835-EM/10WRM-UNV | | | | |
| 'В' | RECESSED | 5000L-35K 120V | 2'x2' RECESSED FLAT PANEL LED LIGHT FIXTURE WITH NOMINAL 2.8" DEEP, HIGH REFLECTIVE, LIGHT STABILIZED .125" FROSTED ACRYLIC LENS. | HE WILLIAMS MODEL#- LP SERIES LP-22-L50/835-UNV | | | | |
| 'B1' | RECESSED | 5000L-35K 120V | SIMILAR TO FIXTURE TYPE 'B' EXCEPT FOR EMERGENCY OPERATION WITH SELF—CONTAINED 90 MINUTE BATTERY BACK—UP | HE WILLIAMS MODEL#- LP SERIES LP-22-L50/835-EM/10WRM-UNV | | | | |
| 'C' | SURFACE | 6200L-35K 120V | 1'x4' SURFACE MOUNTED WRAP LED LIGHT FIXTURE WITH NOMINAL 2-7/8" DEEP, HEAVY DUTY MARINE GRADE ALUMINUM HOUSING, HIGH REFLECTIVE, LIGHT STABILIZED POLYCARBONATE LENS. | HE WILLIAMS MODEL#- AVX SERIES AVX-4-L62/835-WPC-DRV-UNV | | | | |
| 'C1' | SURFACE | 6200L-35K 120V | SIMILAR TO FIXTURE TYPE 'C' EXCEPT FOR EMERGENCY OPERATION WITH SELF—CONTAINED 90 MINUTE BATTERY BACK—UP | HE WILLIAMS MODEL#- AVX SERIES AVX-4-L62/835-WPC-EM/10WLP-DRV-UNV | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

GENERAL NOTES:

MAXIMUM LENGTH 6'-0".

- 1 DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS AND ACCESSORIES TO FULFILL APPLICABLE CODES, REGULATIONS, BUILDING STANDARDS AND THE BEST PRACTICES OF THE TRADE FOR FIRST CLASS ELECTRICAL INSTALLATION.
- 2. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL ELECTRICAL EQUIPMENT SHALL BE COORDINATED IN FIELD WITH RESPECTIVE CONTRACTOR/OWNER.
- 3. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS. UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING OWNER. NO ADDITIONAL COST WILL BE CHARGED TO OWNER FOR WORK PERFORMED OUTSIDE NORMAL BUSINESS HOURS.
- 4. FEEDERS AND BRANCH CIRCUITRY SHALL BE RUN IN CONDUIT MINIMUM $^3\!\!4$ " CONDUIT UNLESS OTHERWISE NOTED. FINAL CONNECTIONS TO MOTORS MAY BE DONE WITH FLEXIBLE METALLIC CONDUIT (NO LONGER THAN 18"). IN UNFINISHED AREA CONDUIT SHALL BE RUN EXPOSED AND IN FINISHED AREAS CONDUIT SHALL BE RUN CONCEALED.
- 5. PROVIDE PANEL NAME PLATE MADE OF BLACK LAMINATED PLASTIC WITH WHITE ENGRAVED LETTERING AND TYPE WRITTEN DIRECTORY FOR ALL NEW AND EXISTING PANEL BEING USED FOR
- 6. ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN INSULATED. ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION UNLESS OTHERWISE NOTED.
- 7. PROVIDE LOCK-ON CIRCUIT BREAKERS FOR CIRCUITS SERVING EXIT SIGN FIXTURES AND EMERGENCY BATTERY PACK FIXTURES.
- LIGHTING FIXTURES AND OTHER CEILING INSTALLED ITEMS. 9. THE USE OF FLEXIBLE CONDUIT FROM LIGHTING FIXTURES TO JUNCTION BOX IS PERMITTED ONLY WHEN A SEPARATE GROUND WIRE IS INSTALLED WITH THE CONDUCTORS INSIDE FLEXIBLE CONDUIT. THE GROUND WIRE MUST BOND THE FIXTURE HOUSING TO THE JUNCTION BOX.

8. REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED

- 10. EXACT LOCATION AND MOUNTING HEIGHTS OF ALL WIRING DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO THE INSTALLATION.
- UNFINISHED AREAS. 12. CONDUIT RUNS SHALL BE PARALLEL WITH OR AT RIGHT ANGLES TO WALLS AND CEILINGS. CONDUIT SHALL BE SUPPORTED BY APPROVED MEANS. SUPPORTS FOR HORIZONTAL RUNS OF

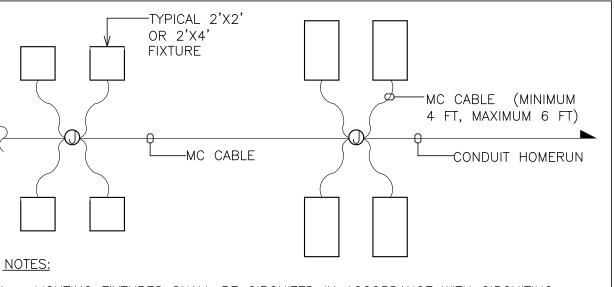
11. WALL MOUNTED EQUIPMENT (SWITCHES, RECEPTACLES, ETC.,) SHALL BE SURFACE MOUNTED IN

- 13. PROVIDE PULL BOXES, JUNCTION BOXES, CONDUIT ELBOWS AND OFFSETS TO SUIT FIELD CONDITIONS AND THE NATIONAL ELECTRICAL CODE.
- 14. CONTRACTOR SHALL COORDINATE WITH THE FIRE DEPARTMENT AND F.A. VENDOR BEFORE PROCEEDING WITH WORK INVOLVING FIRE ALARM SYSTEM.
- 15. ALL EMPTY CONDUIT SHALL BE PROVIDED WITH A DRAGWIRE.

100' IN LENGTH SHALL BE NO. 10 AWG.

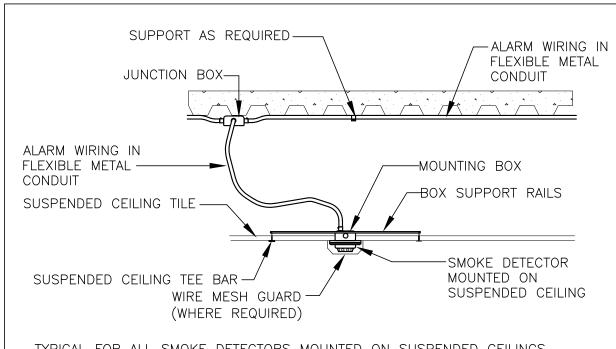
CONDUIT SHALL NOT EXCEED SEVEN FEET ON CENTERS.

- 16. THE MINIMUM WIRE SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE NO. 12 AWG, EXCEPT OVER
- 17. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES (EX. CONNECTORS, ADAPTERS, BUSHINGS, CLAMPS, ETC.) TO FACILITATE COMPLETE INSTALLATION.
- 18. COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT WITH HVAC CONTRACTOR IN FIELD. FUSES FOR ALL MOTOR LOADS SHALL BE DUAL ELEMENT TIME DELAY TYPE.
- 19. ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
- 20. PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO PROCEEDING.
- 21. MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACEPLATE.
- 22. ALL LIGHTING FIXTURES UTILIZING ELECTRONIC BALLASTS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL OR AN OVERSIZED NEUTRAL WHEN SHARED.
- 23. PRIOR TO ANY CHASING, CHOPPING OR CORE DRILLING IS PERFORMED, THE CONTRACTOR SHALL FIELD INVESTIGATE CONDITIONS AND COORDINATE ALL WORK TO ENSURE THAT IT WILL BE IN HARMONY AND NOT AFFECT ANY EXISTING BUILDING SYSTEMS. THIS WORK MUST BE APPROVED BY BUILDING OWNER PRIOR TO PROCEEDING.
- 24. OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS. ALL SLEEVES MUST HAVE BUSHINGS. SEALANT SHALL BE 3 HOUR FIRE BARRIER #CP-25 (NO LESS THAN 3" THICK BACKED UP WITH MINERAL WOOL).
- 25. ALL PANELBOARD COVERS SHALL BE INSTALLED IN PLACE AT THE COMPLETION OF EACH DAYS
- 26. PREPARE 'AS-BUILT' DRAWINGS SHOWING ALL CHANGES IN WIRE SIZE, CIRCUIT NUMBERING, CIRCUIT ROUTING, EQUIPMENT LOCATIONS AND ALL ELECTRICAL WORK AS ACTUALLY INSTALLED.
- 27. LIGHT FIXTURES SHALL BE CONSTRUCTED TO SUIT PARTICULAR TYPE OF CEILING AND WALL CONSTRUCTION AND SHALL BE PROVIDED WITH APPROPRIATE TRIMS, MOUNTING FRAMES AND ADAPTERS AS REQUIRED.



LIGHTING FIXTURES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUITING AS INDICATED ON THE LIGHTING DRAWINGS.



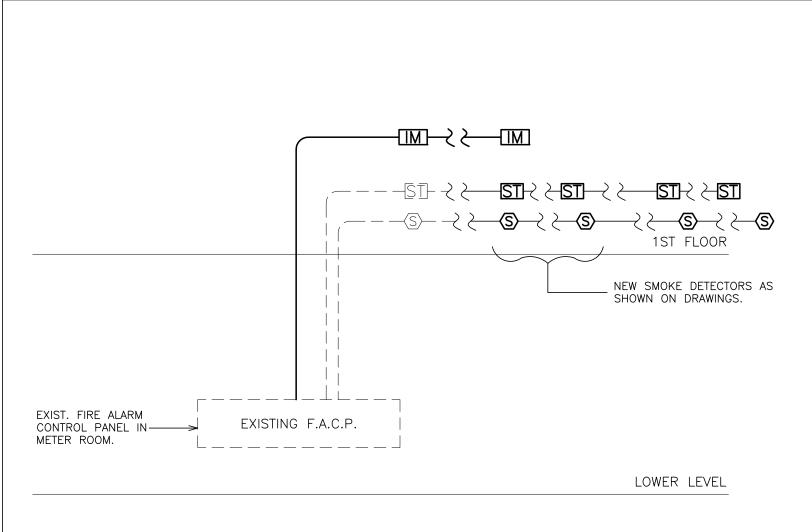


TYPICAL FOR ALL SMOKE DETECTORS MOUNTED ON SUSPENDED CEILINGS



DISPOSAL OF MERCURY CONTAINING LAMPS

- ALL FLUORESCENT AND HID LAMPS WITHIN REMOVED LIGHT FIXTURES ARE CONSIDERED MERCURY CONTAINING AND SHALL BE TREATED AS HAZARDOUS MATERIAL.
- FLUORESCENT AND HID LAMPS SHALL BE REMOVED FROM DEMOLISHED LIGHT FIXTURES AND DISPOSED OF AS PER NEW YORK STATE DEC REGULATIONS AND METHODS
- LAMPS MUST BE BAGGED IN NON-LEACHING PLASTIC BAGS AND SEALED TO PREVENT LEAKING.
- EACH LAMP OR BAGGED CONTAINER IN WHICH THESE LAMPS ARE CONTAINED MUST BE LABELED OR MARKED CLEARLY WITH ONE OF THE FOLLOWING PHRASES; UNIVERSAL WASTE LAMPS, OR WASTE LAMPS, OR USED LAMPS
- . THESE MARKED BAGS MUST BE DELIVERED TO THE PROPER NEW YORK STATE D.E.C. AUTHORIZED LANDFILL OR RECYCLE CENTERS.



FIRE ALARM RISER NOTES:

- FIRE ALARM WIRING DIAGRAMS SHOWN ARE FOR GENERAL ARRANGEMENT ONLY. ELECTRICAL CONTRACTOR SHALL VERIFY AND OBTAIN POINT TO POINT WIRING DIAGRAM PRIOR TO INSTALLATION FROM MANUFACTURER.
- PERMITS AND APPROVALS NECESSARY FOR INSTALLATION OF THE WORK SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS AND INSPECTION FEES SHALL BE INCLUDED AS PART OF THIS CONTRACT. IN AREAS WHERE DUST AND DIRT WILL BE AIRBORNE DURING DEMOLITION AND CONSTRUCTION THE CONTRACTOR SHALL PROVIDE
- PLASTIC WRAP OVER SMOKE DETECTORS AND THEN REMOVE ONCE SPACE IS CLEAN. 4. UNLESS DIRECTED OTHERWISE BY FIRE ALARM SYSTEM MANUFACTURER FIRE ALARM DEVICE WIRING SHALL BE AS FOLLOWS (FOR BIDDING PURPOSES ONLY):
- HORN WIRING #16 AWG TWISTED APPROVED TEFLON CABLE STROBE WIRING - #14 AWG TWISTED APPROVED TEFLON CABLE SIGNAL WIRING - #14 AWG TWISTED/SHIELDED APPROVED TEFLON CABLE
- THE WIRING SHALL HAVE THE FOLLOWING CHARACTERISTICS: A. A MINIMUM TEMPERATURE RATING OF 150 C A MINIMUM AVERAGE INSULATION THICKNESS OF 15 MILS A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS

THE COLOR OF THE CABLE SHALL BE RED

THE CABLE SHALL BE A TYPE FPLP (PLENUM TYPE) THE CABLE SHALL BE VISIBLY MARKED EXTERNALLY THAT IT MEETS THE ABOVE REQUIREMENTS AND IS LISTED BY UL. CONFIRM WIRING TYPE AND QUANTITY WITH FIRE ALARM SYSTEM MANUFACTURER PRIOR TO PURCHASING. PROVIDE MC FIRE ALARM CABLE WITH RED STRIPE AS MANUFACTURED BY AFC SERIES 1800 WHEN CABLE IS CONCEALED OR

ABOVE HUNG CEILING. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN FINISHED AREAS, CABLE SHALL RUN IN WIREMOLD V-700.

- WHEN FIRE ALARM CABLE IS RUN EXPOSED IN UNFINISHED AREAS, PROVIDE PLENUM RATED CABLE IN MIN. 3/4" CONDUIT. 6. STROBES SHALL HAVE A MINIMUM LIGHT OUTPUT OF 75 CANDELA AND A FLASH RATE OF 1-3 HZ.
- WALL MOUNTED HORN/STROBE UNITS SHALL NOT HAVE ANY OTHER DEVICES OR APPURTENANCES WITHIN 5 FEET OF THE DEVICE. THEY SHALL BE A MAXIMUM OF 80 INCHES ABOVE FLOOR OR 6" BELOW THE CEILING, WHICHEVER IS LOWER. DEVICES SHALL BE FLUSH MOUNTED IN ALL FINISHED AREAS. PROVIDE DOUBLE DEEP DEVICE BOX IN WALL.
- 8. AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE
- 9. ALL PULL STATIONS SHALL BE PROVIDED WITH CLEAR PROTECTIVE LEXAN COVER. COVER SHALL BE AS MANUFACTURED BY SAFETY TECHNOLOGY INTERNATIONAL INC. CAT. #STI 1100 STOPPER II. 10. IF CAPACITY EXISTS ON EXISTING CIRCUITS E.C. MAY CONNECT NEW DEVICES TO EXISTING CIRCUITS. IN LIEU OF PROVIDING NEW CIRCUIT. COORDINATE WITH SYSTEM MANUFACTURE / VENDOR PRIOR TO TIE-IN.
- 11. FIRE ALARM SEQUENCE OF OPERATION SEE SPECIFICATIONS. 12. ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE WITH THE BUILDING FIRE ALARM MAINTENANCE VENDOR FOR TYPE OF FIRE ALARM DEVICES TO BE USED. CONTACT BUILDING MANAGEMENT FOR CONTACT INFORMATION. ALL NEW DEVICES INSTALLED SHALL BE COMPATIBLE AND CONSISTENT WITH THE EXISTING BUILDING FIRE ALARM SYSTEM INSTALLATION.
- 13. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO RETAIN AND COORDINATE WITH THE BUILDING FIRE ALARM MAINTENANCE VENDOR FOR PROGRAMMING AND FINAL CONNECTIONS TO THE FIRE ALARM SYSTEM. ELECTRICAL CONTRACTOR SHALL INCLUDE PROGRAMMING AND FINAL CONNECTION COSTS IN THEIR BID.
- 14. THE FIRE ALARM INSTALLATION SHALL COMPLY WITH NEW YORK STATE EDUCATION DEPT, NEC, THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL AUTHORITIES HAVING JURISDICTION. 15. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND PROTECT EXISTING FIRE ALARM SPEAKERS, SMOKE
- SYSTEM IS DISABLED, NOTIFY BUILDING MANAGER IMMEDIATELY. 16. SHUTDOWN OF EXHAUST FANS OF 1,000 CFM OR GREATER, SHALL E PERFORMED VIA INTERFACE SYSTEM. SEND SIGNAL TO BUILDING AUTOMATED TEMPERATURE CONTROL SYSTEM INDICATING SHUTDOWN HAS OCCURRED. EQUIPMENT RESTART SHALL BE BY

BUILDING ATC SYSTEM UPON FIRE ALARM RESET TO NORMAL MODE, RESTART OD EQUIPMENT SHALL BE SEQUENTIAL.

DETECTORS, STATIONS AND OTHER FIRE ALARM SAFETY DEVICES IN OPERATION AT ALL TIMES. IF ANY PORTION OF FIRE ALARM

PART F.A. RISER DIAGRAM SCALE: N.T.S.

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> S.E.D. CONTROL NUMBER: HIGH SCHOOL ADMINISTRATION BUILDING

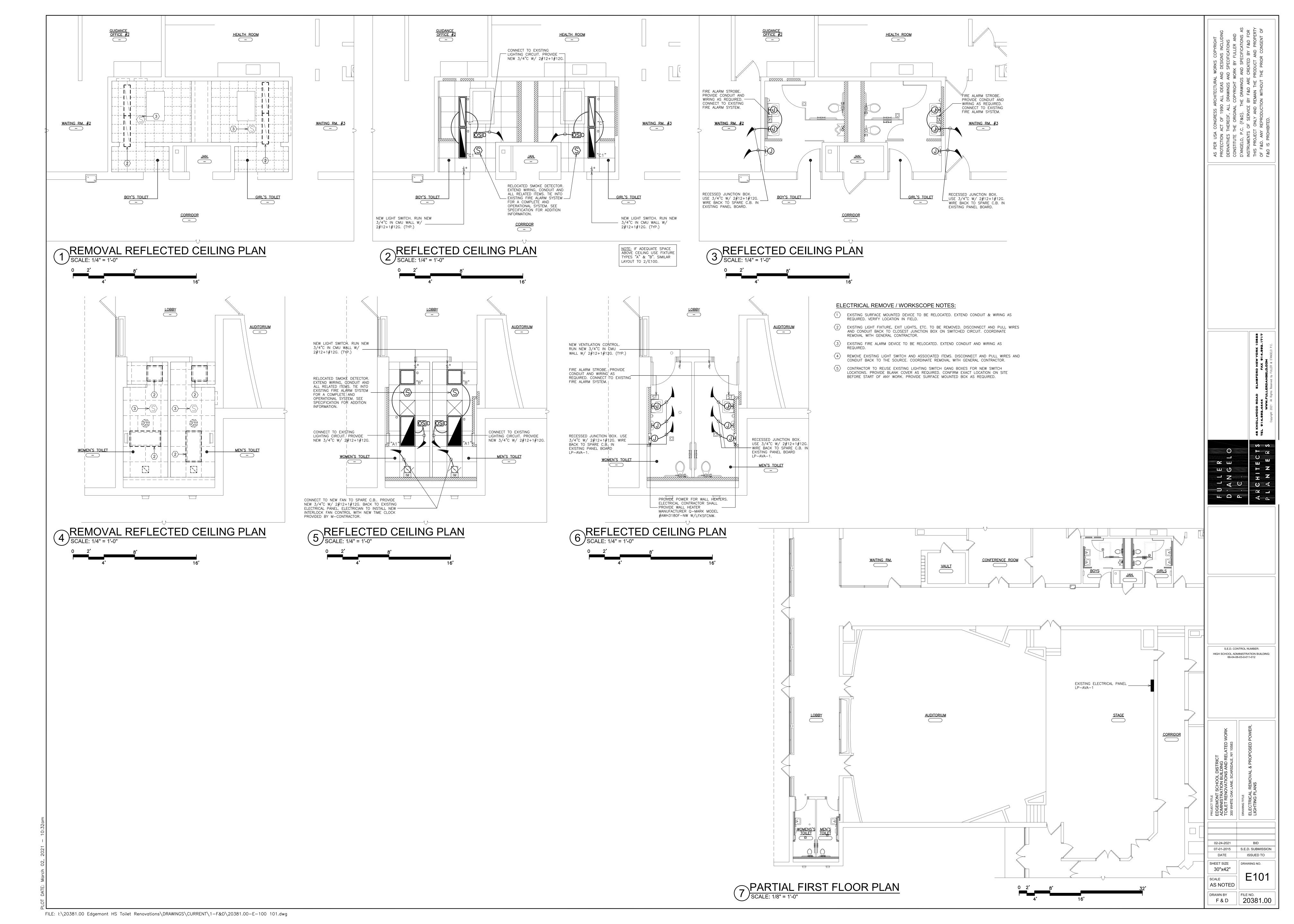
07-01-2015 S.E.D. SUBMISSION DATE ISSUED TO SHEET SIZE DRAWING NO 30"x42" SCALE AS NOTED

| FILE NO.

F&D 20381.00

DRAWN BY

FILE: I:\20381.00 Edgemont HS Toilet Renovations\DRAWINGS\CURRENT\1-F&D\20381.00-E-100 101.dwg



MECHANICAL LEGEND EXISTING DUCTWORK, EQUIPMENT, ETC. TO REMAIN ,,,,,,,,, EXISTING DUCTWORK, EQUIPMENT, ETC. TO BE REMOVED — POINT OF CHANGE IN DUCT SIZE NEW DUCTWORK 1" THERMAL ACOUSTIC LINING (WHERE APPLICABLE) TYPE-SEE SCHEDULE REGISTER/DIFFUSER IDENTIFICATION (*)*** EXISTING REGISTER/DIFFUSER IDENTIFICATION SQUARE DUCT TURN WITH TURNING VANES EXISTING 4-WAY CEILING DIFFUSER EXISTING CEILING REGISTER TYPE -SEE SCHEDULE NEW 4-WAY CEILING DIFFUSER TYPE -SEE SCHEDULE NEW 3-WAY CEILING DIFFUSER YPE -SEE SCHEDULE CEILING EXHAUST/RETURN REGISTER DUCT MTD. MANUAL AIR VOLUME DAMPER (W/LOCKING DEVICE) MOTORIZED AIR VOLUME DAMPER (WITH ACCESS DOOR) ____ ____ FIRE DAMPER (U.L. APPROVED) & ACCESS DOOR — EHWS — EXISTING HOT WATER SUPPLY PIPING — EHWR— EXISTING HOT WATER RETURN PIPING NEW HOT WATER SUPPLY PIPING — HWS — — HWR — NEW HOT WATER RETURN PIPING FLOW DIRECTION WITHIN PIPE **——** $\longrightarrow \bigvee \longleftarrow$ SHUT OFF VALVE EXISTING EXHAUST FAN IDENTIFICATION EXISTING CABINET HEATER IDENTIFICATION NEW CABINET HEATER IDENTIFICATION EXISTING FINNED TUBE RADIATION IDENTIFICATION NEW DDC WALL MTD. (5'-2"+/- A.F.F.) TEMPERATURE SENSOR EXISTING PNEUMATIC THERMOSTAT EXISTING DDC SENSOR POINT OF DISCONNECTION **— -**POINT OF CONNECTION, NEW TO EXISTING *──* DOOR UNDERCUT BY C.C **←** (*LL*) LOW DOOR LOUVER BY C.C. CUBIC FEET PER MINUTE CFMCDCEILING DIFFUSER CRCEILING REGISTER BOTTOM WALL REGISTER TOP WALL REGISTER FULL SIZE CONNECTION AFFABOVE FINISHED FLOOR OUTSIDE AIR INTAKE FLEXIBLE CONNECTION ACCESS DOOR TO ITEM CONTROLLED WALL MOUNTED (5'-2" AFF) TEMPERATURE SENSOR -SECTION/DETAIL/ELEVATION/PART PLAN NUMBER -DRAWING NUMBER SECTION/ELEVATION IDENTIFICATION EXISTING TO REMAIN (ER) EXISTING TO BE RELOCATED (R) REMOVE EXISTING

MECHANICAL REMOVAL NOTES:

- (1) THE SCOPE OF REMOVAL SHOWN ON "REMOVALS" DRAWINGS IS DIAGRAMMATIC ONLY AND INDICATES THE INTENT OF THE WORK TO BE PERFORMED AND NOT THE COMPLETE SCOPE OF DEMOLITION AND/OR REMOVAL WORK. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO REMOVE ANY RELATED MECHANICAL DEVICES EVEN IF NOT SPECIFICALLY INDICATED TO BE REMOVED ON THESE DRAWINGS IN ORDER TO ACCOMMODATE NEW WORK.
- (2) DEVICES SHOWN CROSS HATCHED ON DRAWINGS ARE ITEMS TO BE REMOVED. ANY DEVICES REMOVED SHALL INCLUDE (BUT SHALL NOT BE LIMITED TO) THE REMOVAL OF ALL ASSOCIATED PIPING, CONTROLS, ETC. THAT ARE NOT INCORPORATED IN THE NEW LAYOUT, UNTIL SUCH REMOVAL IS COMPLETE. THIS CONTRACTOR SHALL PERFORM ALL WORK REQUIRED TO INSURE CONTINUITY OF SERVICE TO EXISTING REMAINING EQUIPMENT. NO EXTRAS RELATING TO THE SCOPE OF WORK DESCRIBED WILL BE ALLOWED.
- 3 EQUIPMENT, PIPING, ETC., REQUIRED TO RECONNECT SHALL BE INSTALLED CONCEALED WITHIN THE NEW SUSPENDED CEILINGS, PARTITIONS AND/OR WALLS, FLOORS, NO SURFACE MOUNTED OR EXPOSED EQUIPMENT, PIPING, ETC., SHALL BE PERMITTED, UNLESS SPECIFICALLY
- (4) ALL ITEMS TO BE REMOVED SHALL BE REVIEWED WITH THE OWNER PRIOR TO REMOVAL. OWNER SHALL HAVE FIRST SALVAGE RIGHTS. ITEMS THE OWNER WISHES TO KEEP SHALL BE REMOVED WITH CARE AND STORED AS DIRECTED BY OWNER. ITEMS THE OWNER DOES NOT WISH TO KEEP SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

HVAC CRITERIA:

12 AC/HR TOILETS MIN 75 PER TOILET. INLINE FANS. EXHAUST:

DUCTWORK SIZED ON MAXIMUM 0.1"/100 FEET.

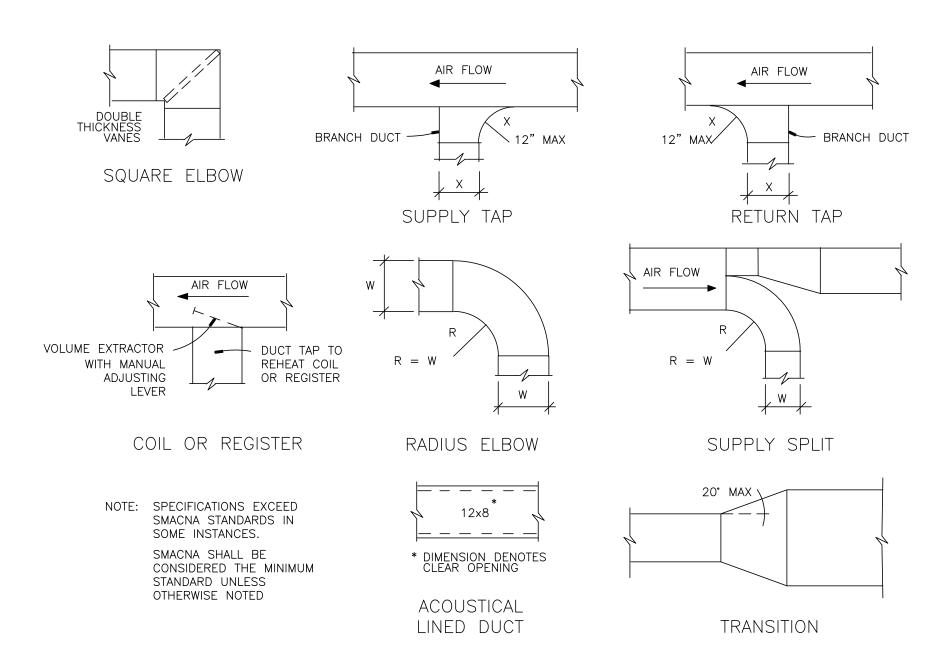
| SCHEDULE OF EXHAUST FAN | | | | | | | | | |
|-------------------------|---------|-------------------|--------|-------------------|-----|-----|----|---------------------|----------------------|
| MARK | SERVICE | LOCATION | TYPE | MODEL No. 1 | CFM | RPM | HP | ELECTRIC SERVICE | REMARKS |
| EF 1 | EXHAUST | MEN'S TOILET | DIRECT | SP-A90- 130-VG | 110 | 960 | _ | 115/1/60 | REFER TO 23456 |
| EF 2 | EXHAUST | WOMEN'S TOILET | DIRECT | SP-A90- 130-VG | 110 | 960 | _ | 115/1/60 | REFER TO (2/3/4/5/6) |
| | | | | | | | | | |

N(1) AS MANUFACTURED BY "GREENHECK."

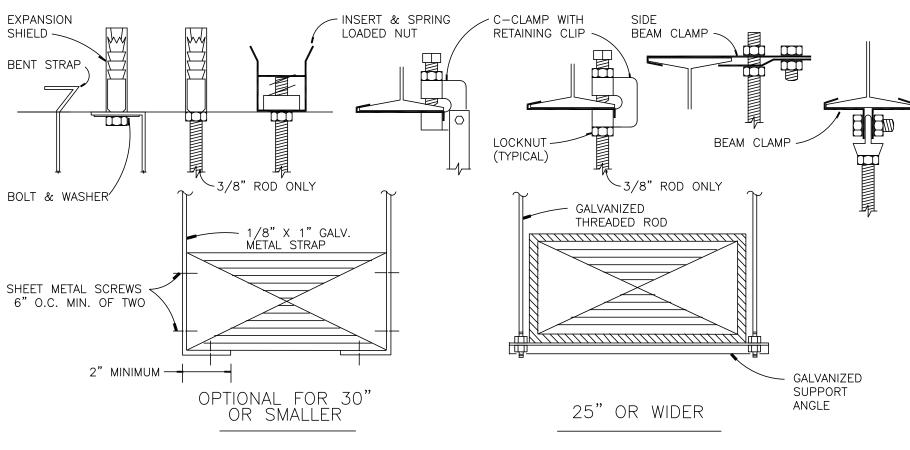
INSTALL PER MANUFACTURERS RECOMMENDATIONS.

PROVIDE MOUNTING HARDWARE, VIBRATION ISOLATORS. $\mathsf{E}\left(4
ight)$ interlock fan control provided by m-contractor & installed e-contractor.

S (5) PROVIDE ON/OFF/DISCONNECT SWITCHES. MINIMUM VENTILATION CONTROL ASHRAE 62.2 BY M-CONTRACTOR & INSTALLED E-CONTRACTOR. PROVIDE HOODED WALL CAP MODEL WC-10x3 W/ POWDER COATED FINISH.



A DUCT CONSTRUCTION DETAILS SCALE: N.T.S.



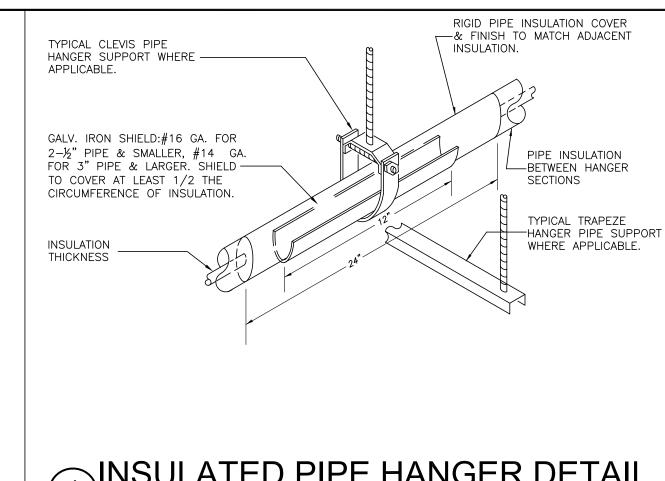
| DUCT WIDTH | ROD DIA. | SUPPORT ANGLE OR EQUIV. CHANNEL | MAXIMUM SPACING | MAXIMUM AREA * | | | |
|--|----------|------------------------------------|--------------------|-------------------|--|--|--|
| 25" TO 30" | 3/8" | 1 1/2" X 1 1/2" X 1/8" | 8'-0" O.C. | 4 SQ. FT. | | | |
| 31" TO 42" | 3/8" | 1 1/2" X 1 1/2" X 1/8" | 6'-0" O.C. | 10 SQ. FT. | | | |
| 43" TO 60" | 1/2" | 1 1/2" X 1 1/2" X 1/8" | 6'-0" O.C. | 10 SQ. FT. | | | |
| 61" TO 84" | 1/2" | 2" X 2" X 1/4" | 4'-0" O.C. | | | | |
| 85" AND UP | 1/2" | 2" X 2" X 1/4" | 4'-0" O.C. | | | | |
| * REDUCE SPACING TO NEXT SMALLER INTERVAL IF DUCT AREA EXCEEDS MAXIMUM | | | | | | | |

| | PLUMBING LEGEND |
|-------------------|---|
| | EXISTING PIPING, FIXTURES, ETC. TO REMAIN |
| \\\\ | EXISTING PIPING, FIXTURES, ETC. TO BE REMOVED |
| | NEW PIPING, FIXTURES, ETC. |
| • | COLD WATER PIPING |
| • • | HOT WATER PIPING |
| • • • <u>-</u> | HOT WATER RETURN PIPING |
| | PLUMBING VENT PIPING |
| — s — | SANITARY PIPING |
| — ES — | EXISTING SANITARY PIPING |
| | |
| ——EW —— | EXISTING WATER PIPING |
| ——EG —— | EXISTING GAS PIPING |
| ——G —— | GAS PIPING |
| | FLOW DIRECTION WITHIN PIPE |
| 1 | CLEANOUT |
| <u> </u> | CLEANOUT DECK PLATE |
| \longrightarrow | SHUT-OFF VALVE |
| \longrightarrow | COMBINATION BALANCING & SHUT-OFF VALVE |
| —Ø— | CHECK VALVE |
| —Ф— | GAS SHUT OFF COCK |
| | PIPE CONNS. (BOTTOM; TOP 45 OR 90; PIPE UP) |
| * | PLUMBING FIXTURE IDENTIFICATION |
| VTR | VENT THRU ROOF |
| EFD | EXISTING FLOOR DRAIN |
| FD | FLOOR DRAIN |
| ECO | EXISTING CLEAN OUT |
| CO | CLEAN OUT |
| G.C. | GENERAL CONTRACTOR |
| P.C. | PLUMBING CONTRACTOR |
| • | POINT OF CONNECTION |
| * | PART PLAN, DETAIL, SECTION NUMBER DRAWING NUMBER SECTION IDENTIFICATION |

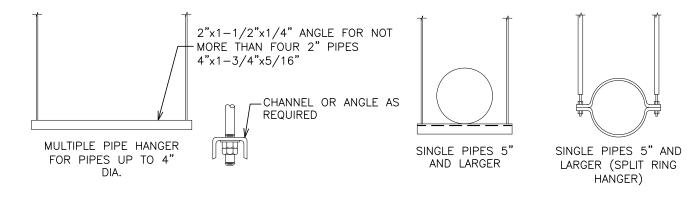
| PLUMBING FIXTURE SCHEDULE | | | | | | | | |
|---------------------------|--|-------------|--------|------|------|--|--|--|
| MARK | DESCRIPTION | BRANCH SIZE | | | | | | |
| 1417 (1 (1 (| BESSIAI TIOIT | W | V | Н | С | | | |
| A1 | WALL MOUNTED WATER CLOSET (FLUSH VALVE) (HANDICAPPED) | 4" | 2" | _ | 1" | | | |
| A2 | FLOOR MOUNTED WATER CLOSET (FLUSH VALVE) (HANDICAPPED) | 4" | 2" | _ | 1" | | | |
| B1 | WALL MOUNTED LAVATORY (FAUCET) (HANDICAPPED) W/ LAVATORY PROTECTIVE ENCLOSURE BY TRU-BRO MODEL: LAV-SHIELD | 1 1/2" | 1-1/2" | 1/2" | 1/2" | | | |
| C1 | WALL MOUNTED URINAL (HANDICAPPED) | 3" | 2" | _ | 3/4" | | | |
| | | | | | | | | |
| | | | | | | | | |
| | HOSE BIB | _ | _ | _ | 1/2" | | | |
| | | | | | | | | |
| R | EXISTING FIXTURE TO REMAIN | _ | _ | _ | _ | | | |
| X | EXISTING FIXTURE TO BE REMOVED | _ | _ | _ | | | | |

PLUMBING REMOVAL NOTES:

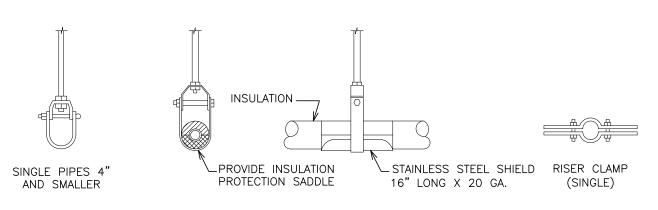
- 1 REMOVE ALL PLUMBING FIXTURES, EQUIPMENT, SPECIALTIES, DRAINS, CONTROLS, HANGERS, BASES, SUPPORTS, PIPING, VALVES, TUBING AND PLUMBING ACCESSORIES THAT ARE NOT INCORPORATED IN THE NEW LAYOUT.
- 2 WHERE REMOVAL IS INDICATED OR IMPLIED OR NOT INCORPORATED IN THE NEW LAYOUT, THE ITEM ITSELF IS TO BE REMOVED COMPLETELY TOGETHER WITH ALL CONNECTING PIPING, SPECIALTIES, SUPPORTS, CONTROLS, ETC. CONNECTING PIPING IS TO BE REMOVED BACK TO MAINS WHERE THE ARE TO BE CAPPED OR DISCONNECTED. THIS INCLUDES ALL GAS, SANITARY, VENT, WATER, ACID WASTE AND PUMP DISCHARGE PIPING. REFER TO DIVISION I OF SPECIFICATION FOR CUTTING AND PATCHING
- 3 WHERE EXISTING PIPING ENTERS INACCESSIBLE TRENCHES, TUNNELS, SHAFTS, WALLS AND CEILINGS INSIDE THE EXISTING BUILDING, IT SHALL BE CUT BACK AT LEAST 2" INTO SUCH INACCESSIBLE SPACES AND SHALL BE SUITABLY CAPPED AND SEALED BY THE CONTRACTOR.
- 4 THE CONTRACTOR SHALL EXERCISE NORMAL CAUTION TO PREVENT UNNECESSARY CUTTING AND DAMAGE TO THE EXISTING BUILDING. ANY EXCESSIVE DAMAGE AS DETERMINED BY THE OWNER SHALL BE REPAIRED AND PAID FOR BY THE CONTRACTOR CAUSING THE DAMAGE.
- 5 ALL DEMOLISHED EQUIPMENT ETC. EXCEPT THOSE ITEMS SPECIFICALLY REQUESTED BY THE OWNER SHALL BECOME THE CONTRACTORS PROPERTY, SHALL BE REMOVED FROM THE PREMISES, AND DISPOSED OF LEGALLY.



INSULATED PIPE HANGER DETAIL SCALE: N.T.S.

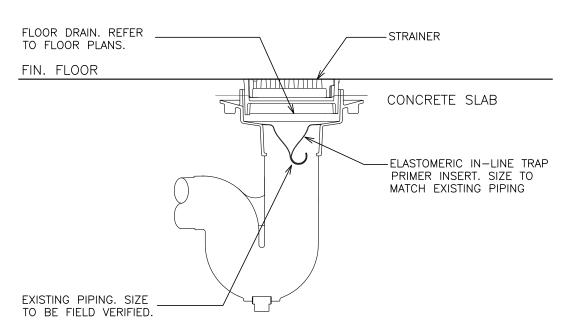


TRAPEZE PIPE HANGERS

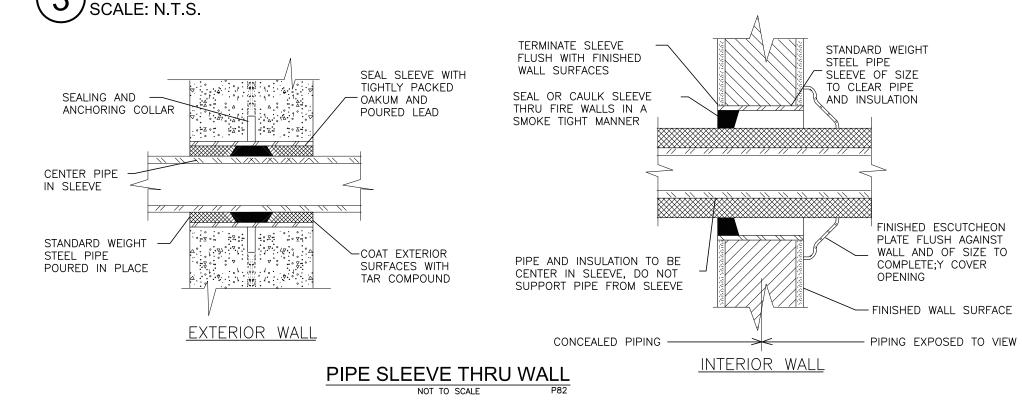


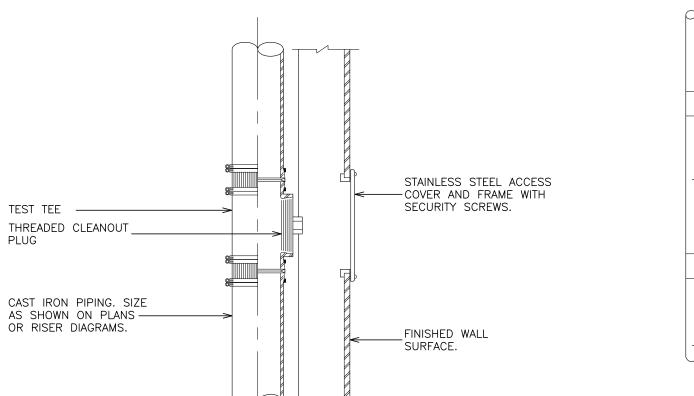
CLEVIS PIPE HANGERS

METHOD OF PIPE SUPPORT

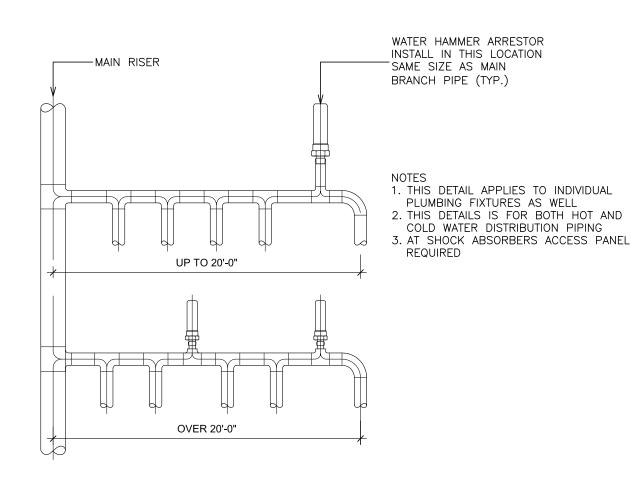


WATERLESS TRAP SEAL DETAIL SCALE: N.T.S.





WALL CLEANOUT DETAIL
SCALE: N.T.S.



AIR CHAMBER & SHOCK ABSORBER LOCATIONS

SCALE: N.T.S.

S.E.D. CONTROL NUMBER: HIGH SCHOOL ADMINISTRATION BUILDING:

02-24-2021 07-01-2015 S.E.D. SUBMISSION DATE ISSUED TO SHEET SIZE 30"x42" SCALE AS NOTED DRAWN BY FILE NO.

F & D

20381.00

