TOILET ROOM RENOVATIONS AT
HADDONFIELD MEMORIAL HIGH SCHOOL

401 Kings Highway East
Haddonfield, NJ 08033
Camden County

12-14-2022 ISSUE FOR BID

NJDOE #1900-050-22-1000

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Abbreviations

A.F.F.	ABOVE FINISHED FLOOR
ALUM.	ALUMINUM
BLDG.	BUILDING
CLG.	CEILING
℄	CENTER LINE
COL.	COLUMN
CONC.	CONCRETE
CONT'D	CONTINUED
E.S.	ELEMENTARY SCHOOL
EQ.	EQUAL
(E)	EXISTING
F.E.C.	FIRE EXTINGUISHER CABINET
F.R.P.	FIBER REINFORCED PANEL
G.C.	GENERAL CONTRACTOR
GYP.	GYPSUM BOARD
HT.	HEIGHT
HM	HOLLOW METAL
H.V.A.C.	HEATING VENTILATING AIR CONDITIONING
MAX.	MAXIMUM
M.O.	MASONRY OPENING
MTL.	METAL
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
Q.C.	QUALITY CONTROL
PTD.	PAINTED
R.O.	ROUGH OPENING
S.F.	SQUARE FOOT (FEET)
S.S.	STAINLESS STEEL
S.T.	STEEL
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
U.N.O.	UNLESS NOTED OTHERWISE
V.C.B.	VINYL COVE BASE
VCT.	VINYL COMPOSITION TILE
V.I.F.	VERIFY IN FIELD
WD	WOOD
W/	WITH

Symbol Legend

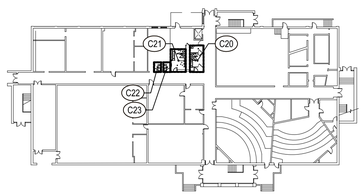
- EXISTING DOOR TO REMAIN
- EXISTING DOOR, FRAME AND HARDWARE TO BE REMOVED IN THEIR ENTIRETY
- NEW DOOR. REFER TO DOOR SCHEDULE FOR MORE INFORMATION
- ITEM TO BE REMOVED IN ITS ENTIRETY
- WALL, PORTION OF WALL OR ITEM TO REMAIN
- WALL OR PORTION OF WALL TO BE REMOVED IN ITS ENTIRETY
- DEMOLITION KEYNOTE
- CONSTRUCTION KEYNOTE
- BREAK LINE
- ENLARGED PLAN/PLAN DETAIL CALLOUT
- INTERIOR ELEVATION TAG
- SECTION CALLOUT
- EXISTING WINDOW SYSTEM TO BE REMOVED
- EXISTING WINDOW SYSTEM TO REMAIN
- NEW MASONRY WALL CONTRUCTION. REFER TO PARTITION TYPES FOR MORE INFORMATION
- NEW WALL MOUNTED SINK. REFER TO FIXTURE SCHEDULE FOR MORE INFORMATION
- REVISION CLOUD

APPLICABLE CODES:

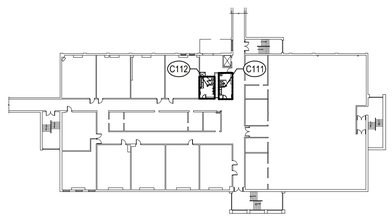
1. JURISDICTION: STATE OF NEW JERSEY

2. APPLICABLE CODES:
   - INTERNATIONAL BUILDING CODE/ 2018 NEW JERSEY EDITION
   - ASHRAE 90.1-2016
   - INTERNATIONAL MECHANICAL CODE/ 2018
   - INTERNATIONAL FUEL GAS CODE/ 2018
   - NATIONAL ELECTRIC CODE/ 2017
   - NATIONAL STANDARD PLUMBING CODE/ 2018
   - N.J.A.C. 5:23-6 REHABILITATION SUB CODE
   - N.J.A.C. 5:23-7 BARRIER FREE SUBCODE AND ICC-ANSI A117.1-2009
   - NEW JERSEY UNIFORM CONSTRUCTION CODE TITLE 6,
   - CHAPTER 23, SUBCHAPTERS 1-12

3. USE GROUP/ OCCUPANCY: IBC/ 2018 NEW JERSEY EDITION, CHAPTER 3: EDUCATION "E"



FIRST FLOOR PLAN - C WING
N.T.S.



SECOND FLOOR PLAN - C WING
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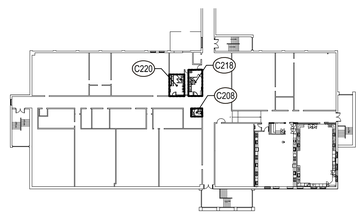

THIRD FLOOR PLAN - C WING
N.T.S.

NJ Certificate of Authorization
Eng'r. Nos. 24GA27937500
Arch. Nos. 21AC00012400
Date 12/14/2022
Checked RS
Drawn DB

RONALD W. SCHWENKE III, R.A.
Title REGISTERED ARCHITECT
License No. NJ21AI02051300

Revisions:

Set Issue:
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LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

COVER SHEET
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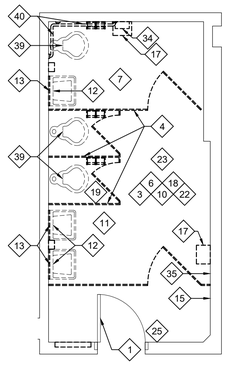
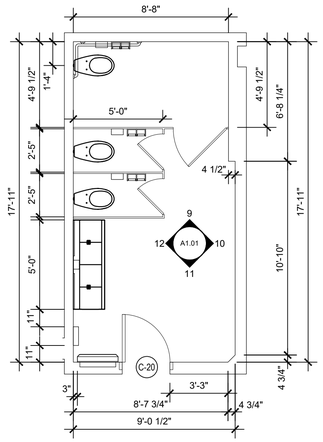
Job No. 20277.14
File No. 202770 T001

T0.01





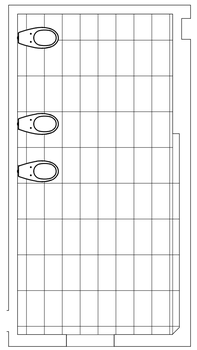
C-20 - GIRLS DEMOLITION PLAN

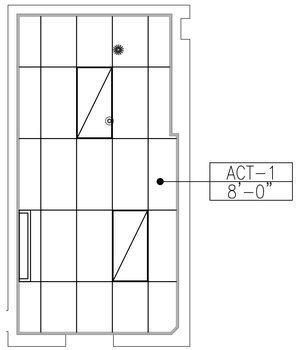
13 / A1.01 — 1/4" = 1'-0"

C-20 - GIRLS PROPOSED WORK PLAN

14 / A1.01 — 1/4" = 1'-0"

NOTE:
ALIGN GROUT JOINT WITH VERTICAL JOINTS, SEE ELEVATIONS, TYPICAL



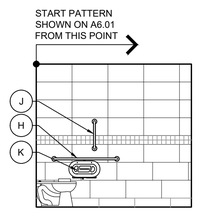


C-20 - GIRLS FINISH FLOOR PLAN

15 / A1.01 — 1/4" = 1'-0"

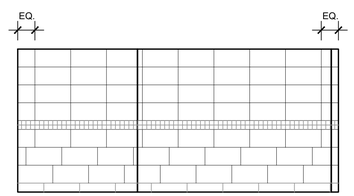
C-20 - GIRLS REFLECTED CEILING PLAN

16 / A1.01 — 1/4" = 1'-0"



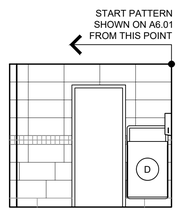
C-20 - GIRLS INTERIOR ELEVATION

9 / A1.01 — 1/4" = 1'-0"



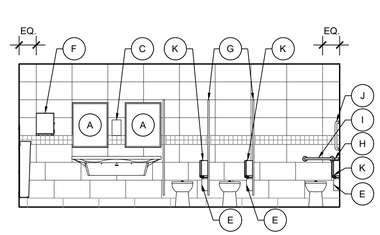
C-20 - GIRLS INTERIOR ELEVATION

10 / A1.01 — 1/4" = 1'-0"



C-20 - GIRLS INTERIOR ELEVATION

11 / A1.01 — 1/4" = 1'-0"



C-20 - GIRLS INTERIOR ELEVATION

12 / A1.01 — 1/4" = 1'-0"

Toilet Accessory Schedule

A	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2436, 24"x36"
A1	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2460, 24"x72"
A2	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-1824,18"x24"
B	"EXCEL" BRUSHED STAINLESS STEEL XLERATOR HAND DRYER, MODEL XL-SB
C	"RENOWN" 1,200 ML NICKEL TOUCH-FREE FOAM HAND SOAP DISPENSER, REN02536
D	"BRADLEY" 12 GALLON RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05
D1	"BRADLEY" 12 GALLON SEMI-RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05-10
E	"BRADLEY" PARTITION MOUNTED SANITARY PRODUCT DISPOSAL UNIT, DIPLOMAT SERIES MODEL 4A11
F	"BOBRICK" CLASSICSERIES SURFACE MOUNTED PAPER TOWEL DISPENSER, B-2620
G	"BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1081 SERIES PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
G1	"BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1085 SERIES WALL-HUNG SCREEN 42" PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
H	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 42" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
M	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 36" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
J	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 18" LENGTH (VERTICAL INSTALLATION), 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
K	"BOBRICK" SURFACE MOUNTED TWIN JUMBO-ROLL TOILET TISSUE DISPENSER, B2892
L	"BROWNLEE" SURFACE MOUNTED FLOW SQ MINI, MODEL 1265

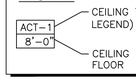
Demolition Key Notes

1. REMOVE EXISTING WOOD DOOR AND ASSOCIATED HARDWARE. EXISTING DOOR FRAME TO REMAIN TYP. CONTRACTOR TO PREPARE DOOR FRAME TO RECEIVE NEW FINISH AND HARDWARE AS SCHEDULED. CONTRACTOR TO REMOVE AND REUSE EXISTING DOOR CORE INTO NEW DOOR.
2. REMOVE EXISTING MARBLE DOOR THRESHOLD TYP.
3. CONTRACTOR TO PREPARE ALL WALL, FLOOR SURFACES, AS NEEDED TO ACCOMMODATE NEW FINISHES SHOWN ON DOCUMENTS.
4. REMOVE EXISTING TOILET PARTITIONS AND ASSOCIATED HARDWARE.
5. REMOVE EXISTING WALL MOUNTED URINALS AND ASSOCIATED HARDWARE. SEE PLUMBING.
6. REMOVE EXISTING SUSPENDED CEILING SYSTEM AND TILE.
7. REMOVE EXISTING CEILING HVAC VENTS. CONTRACTOR TO DOCUMENT SIZES TO MATCH NEW HVAC VENTS IN NEW DESIGN. SEE MECHANICAL.
8. REMOVE, AND REINSTALL EXISTING CEILINGS MOUNTED HEATING UNIT. CONTRACTOR TO INSTALL UNIT INTO NEW SUSPENDED CEILING SYSTEM. SEE MECHANICAL.
9. REMOVE & REPLACE EXISTING RADIATOR COVERS. CONTRACTOR TO COORDINATE FINAL PAINT COLOR WITH ARCHITECT.
10. REMOVE EXISTING TILE FLOOR SYSTEM DOWN TO CONC. PATCH AND PREPARE FLOOR SUBSTRATE TO ACCOMMODATE SCHEDULED FINISH, TYP.
11. REMOVE, REPAIR AND REINSTALL EXISTING CEILING MOUNTED SPEAKER, TYP.
12. REMOVE EXISTING WALL MOUNTED SINK AND ASSOCIATED HARDWARE, TYP. SEE PLUMBING.
13. REMOVE EXISTING WALL MOUNTED MIRROR(S) AND ASSOCIATED HARDWARE.
14. REMOVE EXISTING WALL MOUNTED URINAL PRIVACY SCREEN
15. REMOVE AND REPLACE EXISTING WALL MOUNTED EMERGENCY EXIT STROBE. SEE ELECTRICAL DWGS.
16. REMOVE EXISTING SPEAKER. CONTRACTOR TO COORDINATE REPLACEMENT SPEAKER WITH ARCHITECT.
17. REMOVE WALL MOUNTED PAPER TOWEL DISPENSERS, TYP.
18. REMOVE EXISTING LAY-IN CEILING LIGHTS. SEE ELECTRICAL.
19. REMOVE AND REPLACE EXISTING FLOOR DRAIN COVER, WHERE APPLICABLE. SEE PLUMBING.
20. REMOVE ENTIRE WOOD FRAMED OPENING WITH TRANSOM IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE NEW OPENING AS SHOWN IN DOCUMENTS.
21. REMOVE PARTIAL CEILING SYSTEM AS SHOWN.
22. REMOVE EXISTING CEILING MOUNTED LIGHT FIXTURE, TYP. SEE ELECTRICAL.
23. REMOVE AND RELOCATE EXISTING CEILING MOUNTED SMOKE DETECTORS. SEE ELECTRICAL.
24. REMOVE EXISTING VINYL FLOOR TILE AS NEEDED .PREPARE SUBSTRATE FOR SCHEDULED FINISH.
25. REMOVE EXISTING WALL MOUNTED LIGHT SWITCH. SEE ELECTRICAL.
26. MODIFY EXISTING HARD DUCT AS REQUIRED TO ACCOMMODATE NEW DESIGN PER DOCUMENTS. SEE MECHANICAL.
27. REMOVE AND RECONFIGURE JUNCTION BOX AND CONDUIT AS NEEDED SO FINAL LOCATION RUNS ABOVE SCHEDULED CEILING. SEE ELECTRICAL.
28. REMOVE SURFACE MOUNTED CONDUIT AND REROUTE POWER SUPPLY AS NEEDED TO ACCOMMODATE SCHEDULE FINISHES, TYP. SEE ELECTRICAL
29. EXISTING WOOD DOOR FRAME WITH TRANSOM TO REMAIN. PATCH AS REQUIRED TO ACCOMMODATE SCHEDULED FINISH.
30. REMOVE EXISTING HARD CEILING IN ITS ENTIRETY.
31. REMOVE AND DISCARD EXISTING BASE CABINET SINK IN ITS ENTIRETY.
32. REMOVE EXISTING WALL MOUNTED LIGHT SCONCE.
33. REMOVE EXISTING PIPE INSULATION. CONTRACTOR TO REPLACE WITH PVC WRAPPED INSULATION. SEE MECHANICAL.
34. REMOVE AND DISCARD EXISTING WALL MOUNTED RECESSED WASTE RECEPTACLE. INFILL AND PATCH TO ACCOMMODATE SCHEDULED FINISH.
35. REMOVE AND REINSTALL EXISTING WALL MOUNTED EMERGENCY WALL PACK. SEE ELECTRICAL.
36. REMOVE EXISTING PARTITION AS REQUIRED FOR NEW PLAN. COORDINATE WITH DOCUMENTS.
37. REMOVE AND DISCARD EXISTING WALL MOUNTED SANITARY NAPKIN / TAMPON DISPENSER.
38. REMOVE AND DISCARD EXISTING WALL MOUNTED SIGNAGE. PATCH AREA TO MATCH ADJACENT FINISH.
39. REMOVE FLOOR MOUNTED TOILETS AND SURROUNDING HARDWARE.
40. REMOVE EXISTING WALL MOUNTED GRAB BARS
41. REMOVE WOOD FRAME OPENING IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE FOR NEW OPENING AS SHOWN IN DOCUMENTS.
42. REMOVE PORTION OF WALL TO ACCOMMODATE NEW SEMI-RECESSED TRASH RECEPTACLE.
43. MODIFY ROUGH-IN PLUMBING AS REQUIRED TO ACCOMMODATE NEW FIXTURE. SEE WORK PLAN.

General Notes

1. ALL DIMENSIONS ARE FROM FACE OF FINISH MATERIALS, AND REPRESENT CLEAR AREA.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND PROPOSED DIMENSIONS PRIOR TO INSTALLATION/CONSTRUCTION.
3. WHERE REQUIRED DUE TO DEMOLITION, CONTRACTOR SHALL SATISFACTORILY PATCH, REPAIR AND OR REPLACE EXISTING CONSTRUCTION.
4. G.C. TO PROTECT, REPAIR & CLEAN ALL "EXISTING TO REMAIN" ITEMS AS NEEDED.
5. REMOVE EXISTING DOOR HARDWARE AND STORE FOR RE-USE IN NEW CONSTRUCTION.TYPICAL.
6. REMOVE ALL FLOOR UNDERLAYMENT AND PROPERLY PREPARE SLAB TO A LIKE NEW CONDITION AND PROPERLY PREPARE TO ACCEPT NEW SPECIFIED FLOOR FINISH.
7. WHERE TILE BASE IS REMOVED FROM EXISTING WALL SCHEDULED TO REMAIN, PATCH, REPAIR AND/OR REPLACE WALL AS REQUIRED TO A LIKE-NEW CONDITION.
8. EXISTING FIRE SAFETY DEVICES AT WALLS REMOVED BY DEMOLITION SHALL BE REINSTALLED AT ADA COMPLIANT HEIGHTS.

LEGEND



SYMBOL LEGEND

- NEW 2'x4' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 1'x4' RECESSED LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 2'x2' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW WALL MOUNTED SCONCE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW HVAC DIFFUSER. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPRINKLER AND HEAT DETECTOR. REFER TO SPRINKLER PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPEAKER. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- NEW EXIT SIGN. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (VS) NEW VACANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (OS) NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (DS) NEW DAYLIGHT SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

CEILING TYPES LEGEND

ACT-1 (GENERAL PURPOSE USE)
SQUARE LAY-IN TILE.
TILE SIZE 24"x48"x3/4"
BY ROCKFON OR APP. EQ.

ACT-2 (GENERAL IMPACT RESISTANT)
SQUARE LAY-IN TILE.
TILE SIZE 24"x24"x3/4"
BY ROCKFON OR APP. EQ.

REFLECTED CEILING NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
2. ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
3. IF SHOWN, ARCHITECTURAL DRAWINGS SHALL DICTATE LOCATIONS OF LIGHT FIXTURES, GRILLS/DIFFUSERS, ETC.
4. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEAD, GRILLS AND REGISTERS TO BE PAINTED TO MATCH CEILING FINISHES.
5. FURNISH AND INSTALL ALL NECESSARY ACCESSORIES INCLUDING PERIMETER MOLDINGS, FASTENERS, SUPPORT WIRES, TRIM, ETC., TO INSURE COMPLETE INSTALLATION OF SYSTEM.
6. UNLESS OTHERWISE NOTED, CEILING GRIDS ARE TO BE CENTERED WITHIN THE SPACES SHOWN WITH EQUAL CEILING TILE CUTS ON EACH END.

NJ Certificate of Authorization	
Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	RS
Drawn	CP

RONALD W. SCHWENKE III, R.A.
License No. NJ21AI02051300
Title REGISTERED ARCHITECT

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Job No. 20277.14
File No. 202770 A101

A1.01

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4. REMOVE EXISTING TOILET PARTITIONS AND ASSOCIATED HARDWARE.
5. REMOVE EXISTING WALL MOUNTED URINALS AND ASSOCIATED HARDWARE. SEE PLUMBING.
6. REMOVE EXISTING SUSPENDED CEILING SYSTEM AND TILE.
7. REMOVE EXISTING CEILING HVAC VENTS. CONTRACTOR TO DOCUMENT SIZES TO MATCH NEW HVAC VENTS IN NEW DESIGN. SEE MECHANICAL.
8. REMOVE, AND REINSTALL EXISTING CEILINGS MOUNTED HEATING UNIT. CONTRACTOR TO INSTALL UNIT INTO NEW SUSPENDED CEILING SYSTEM. SEE MECHANICAL.
9. REMOVE & REPLACE EXISTING RADIATOR COVERS. CONTRACTOR TO COORDINATE FINAL PAINT COLOR WITH ARCHITECT.
10. REMOVE EXISTING TILE FLOOR SYSTEM DOWN TO CONC. PATCH AND PREPARE FLOOR SUBSTRATE TO ACCOMMODATE SCHEDULED FINISH, TYP.
11. REMOVE, REPAIR AND REINSTALL EXISTING CEILING MOUNTED SPEAKER, TYP.
12. REMOVE EXISTING WALL MOUNTED SINK AND ASSOCIATED HARDWARE, TYP. SEE PLUMBING.
13. REMOVE EXISTING WALL MOUNTED MIRROR(S) AND ASSOCIATED HARDWARE.
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16. REMOVE EXISTING SPEAKER. CONTRACTOR TO COORDINATE REPLACEMENT SPEAKER WITH ARCHITECT.
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19. REMOVE AND REPLACE EXISTING FLOOR DRAIN COVER, WHERE APPLICABLE. SEE PLUMBING.
20. REMOVE ENTIRE WOOD FRAMED OPENING WITH TRANSOM IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE NEW OPENING AS SHOWN IN DOCUMENTS.
21. REMOVE PARTIAL CEILING SYSTEM AS SHOWN.
22. REMOVE EXISTING CEILING MOUNTED LIGHT FIXTURE, TYP. SEE ELECTRICAL.
23. REMOVE AND RELOCATE EXISTING CEILING MOUNTED SMOKE DETECTORS. SEE ELECTRICAL.
24. REMOVE EXISTING VINYL FLOOR TILE AS NEEDED .PREPARE SUBSTRATE FOR SCHEDULED FINISH.
25. REMOVE EXISTING WALL MOUNTED LIGHT SWITCH. SEE ELECTRICAL.
26. MODIFY EXISTING HARD DUCT AS REQUIRED TO ACCOMMODATE NEW DESIGN PER DOCUMENTS. SEE MECHANICAL.
27. REMOVE AND RECONFIGURE JUNCTION BOX AND CONDUIT AS NEEDED SO FINAL LOCATION RUNS ABOVE SCHEDULED CEILING. SEE ELECTRICAL.
28. REMOVE SURFACE MOUNTED CONDUIT AND REROUTE POWER SUPPLY AS NEEDED TO ACCOMMODATE SCHEDULE FINISHES, TYP. SEE ELECTRICAL
29. EXISTING WOOD DOOR FRAME WITH TRANSOM TO REMAIN. PATCH AS REQUIRED TO ACCOMMODATE SCHEDULED FINISH.
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31. REMOVE AND DISCARD EXISTING BASE CABINET SINK IN ITS ENTIRETY.
32. REMOVE EXISTING WALL MOUNTED LIGHT SCONCE.
33. REMOVE EXISTING PIPE INSULATION. CONTRACTOR TO REPLACE WITH PVC WRAPPED INSULATION. SEE MECHANICAL.
34. REMOVE AND DISCARD EXISTING WALL MOUNTED RECESSED WASTE RECEPTACLE. INFILL AND PATCH TO ACCOMMODATE SCHEDULED FINISH.
35. REMOVE AND REINSTALL EXISTING WALL MOUNTED EMERGENCY WALL PACK. SEE ELECTRICAL.
36. REMOVE EXISTING PARTITION AS REQUIRED FOR NEW PLAN. COORDINATE WITH DOCUMENTS.
37. REMOVE AND DISCARD EXISTING WALL MOUNTED SANITARY NAPKIN / TAMPON DISPENSER.
38. REMOVE AND DISCARD EXISTING WALL MOUNTED SIGNAGE. PATCH AREA TO MATCH ADJACENT FINISH.
39. REMOVE FLOOR MOUNTED TOILETS AND SURROUNDING HARDWARE.
40. REMOVE EXISTING WALL MOUNTED GRAB BARS
41. REMOVE WOOD FRAME OPENING IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE FOR NEW OPENING AS SHOWN IN DOCUMENTS.
42. REMOVE PORTION OF WALL TO ACCOMMODATE NEW SEMI-RECESSED TRASH RECEPTACLE.
43. MODIFY ROUGH-IN PLUMBING AS REQUIRED TO ACCOMMODATE NEW FIXTURE. SEE WORK PLAN.

General Notes

1. ALL DIMENSIONS ARE FROM FACE OF FINISH MATERIALS, AND REPRESENT CLEAR AREA.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND PROPOSED DIMENSIONS PRIOR TO INSTALLATION/CONSTRUCTION.
3. WHERE REQUIRED DUE TO DEMOLITION, CONTRACTOR SHALL SATISFACTORILY PATCH, REPAIR AND OR REPLACE EXISTING CONSTRUCTION.
4. G.C. TO PROTECT, REPAIR & CLEAN ALL "EXISTING TO REMAIN" ITEMS AS NEEDED.
5. REMOVE EXISTING DOOR HARDWARE AND STORE FOR RE-USE IN NEW CONSTRUCTION.TYPICAL.
6. REMOVE ALL FLOOR UNDERLAYMENT AND PROPERLY PREPARE SLAB TO A LIKE NEW CONDITION AND PROPERLY PREPARE TO ACCEPT NEW SPECIFIED FLOOR FINISH.
7. WHERE TILE BASE IS REMOVED FROM EXISTING WALL SCHEDULED TO REMAIN, PATCH, REPAIR AND/OR REPLACE WALL AS REQUIRED TO A LIKE-NEW CONDITION.
8. EXISTING FIRE SAFETY DEVICES AT WALLS REMOVED BY DEMOLITION SHALL BE REINSTALLED AT ADA COMPLIANT HEIGHTS.

LEGEND

ACT–1 / 8'–0" — CEILING TYPE (SEE CEILING TYPES LEGEND); CEILING HEIGHT ABOVE FINISHED FLOOR

SYMBOL LEGEND

- NEW 2'x4' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 1'x4' RECESSED LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 2'x2' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW WALL MOUNTED SCONCE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW HVAC DIFFUSER. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPRINKLER AND HEAT DETECTOR. REFER TO SPRINKLER PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPEAKER. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- NEW EXIT SIGN. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- VS — NEW VACANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- OS — NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- DS — NEW DAYLIGHT SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

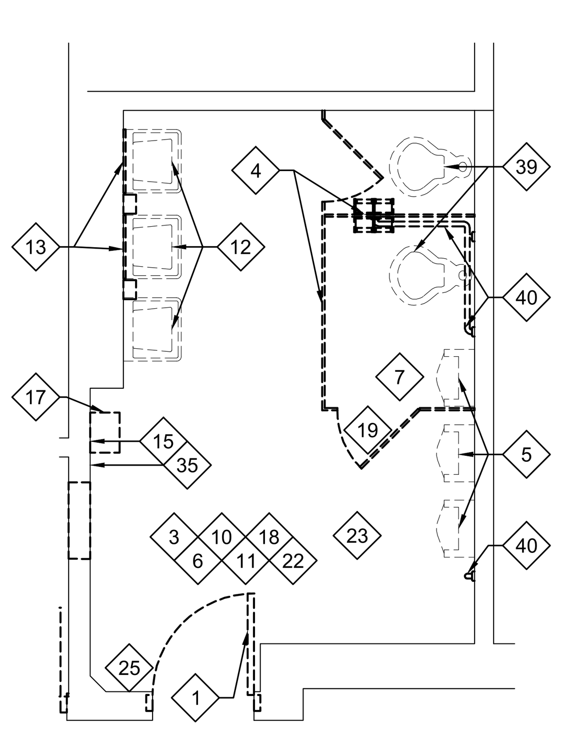
CEILING TYPES LEGEND

ACT-1 (GENERAL PURPOSE USE)
SQUARE LAY-IN TILE.
TILE SIZE 24"x48"x3/4"
BY ROCKFON OR APP. EQ.

ACT-2 (GENERAL IMPACT RESISTANT)
SQUARE LAY-IN TILE.
TILE SIZE 24"x24"x3/4"
BY ROCKFON OR APP. EQ.

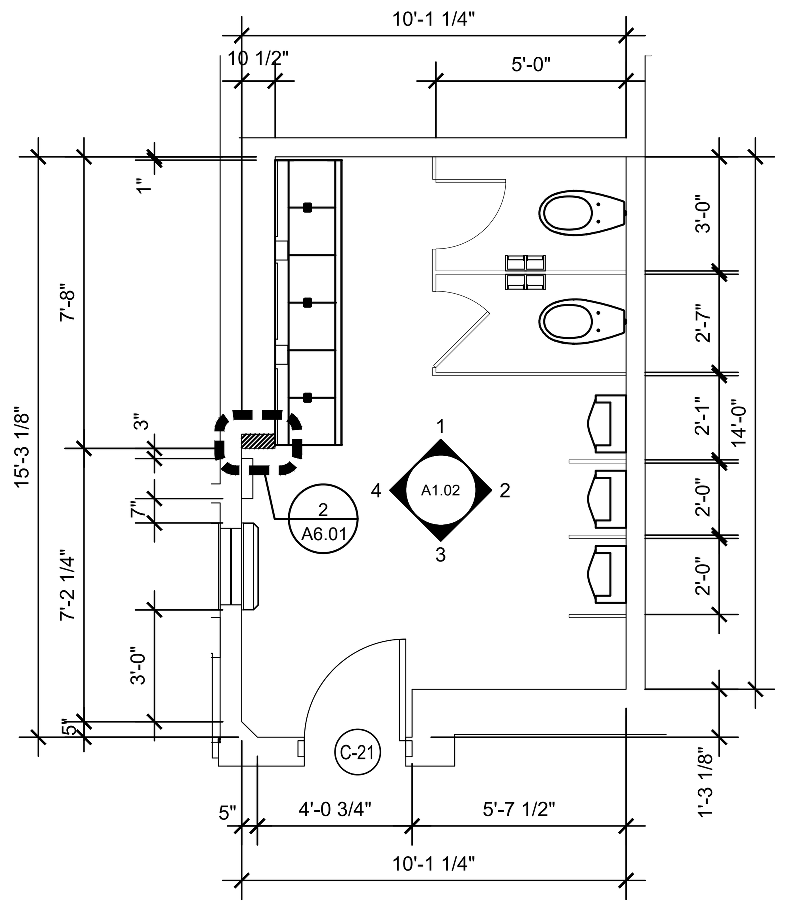
REFLECTED CEILING NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
2. ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
3. IF SHOWN, ARCHITECTURAL DRAWINGS SHALL DICTATE LOCATIONS OF LIGHT FIXTURES, GRILLS/DIFFUSERS, ETC.
4. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEAD, GRILLS AND REGISTERS TO BE PAINTED TO MATCH CEILING FINISHES.
5. FURNISH AND INSTALL ALL NECESSARY ACCESSORIES INCLUDING PERIMETER MOLDINGS, FASTENERS, SUPPORT WIRES, TRIM, ETC., TO INSURE COMPLETE INSTALLATION OF SYSTEM.
6. UNLESS OTHERWISE NOTED, CEILING GRIDS ARE TO BE CENTERED WITHIN THE SPACES SHOWN WITH EQUAL CEILING TILE CUTS ON EACH END.



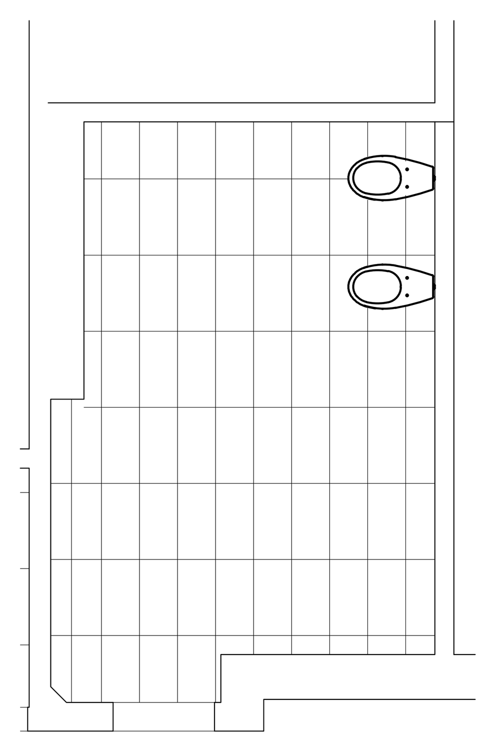
5 A1.02 C-21 - BOYS
DEMOLITION PLAN
1/4" = 1'-0"

NOTE:
EXISTING TOILET ROOM IS NOT ADA COMPLIANT. PROPOSED WORK IS AN IN-KIND REPLACEMENT OF FIXTURES

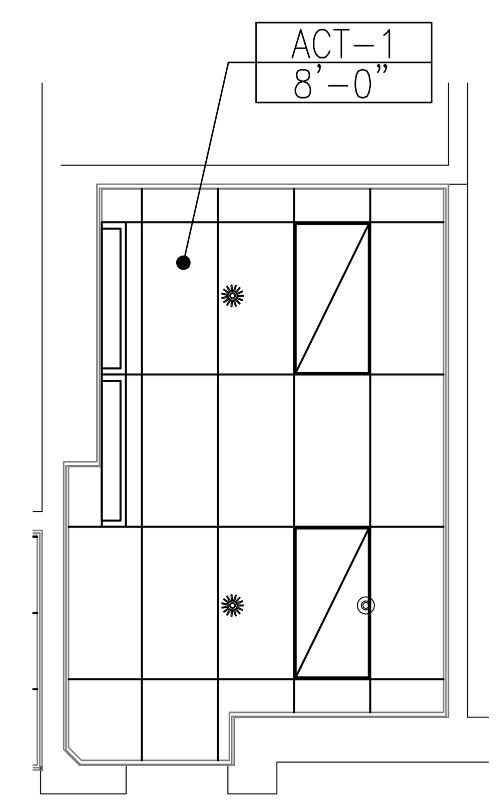


6 A1.02 C-21 - BOYS
PROPOSED WORK PLAN
1/4" = 1'-0"

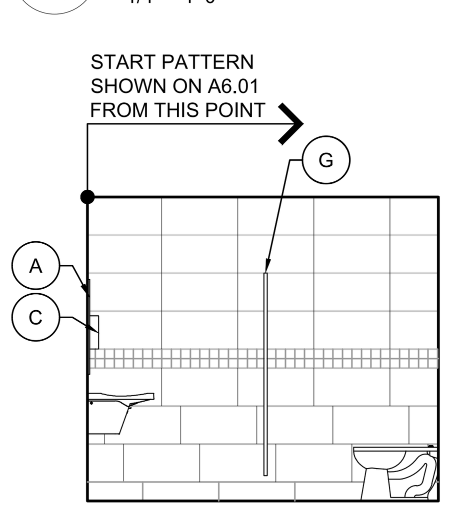
NOTE:
ALIGN GROUT JOINT WITH VERTICAL JOINTS, SEE ELEVATIONS, TYPICAL



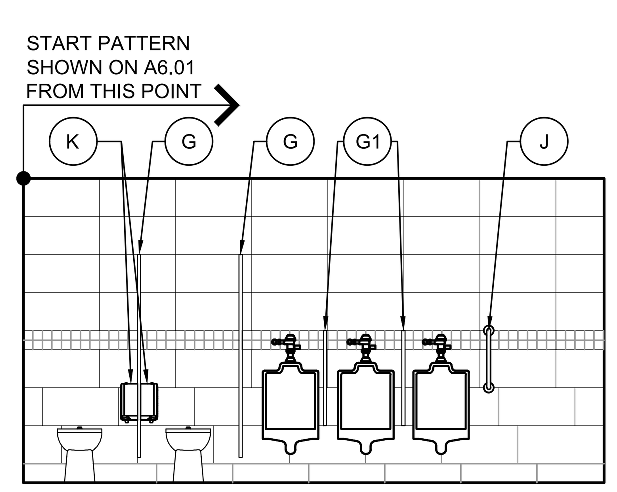
7 A1.02 C-21 - BOYS
FINISH FLOOR PLAN
1/4" = 1'-0"



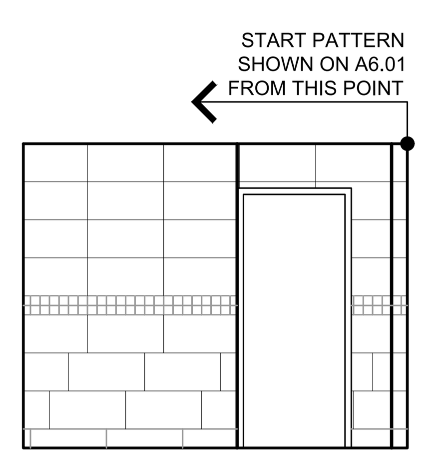
8 A1.02 C-21 - BOYS
REFLECTED CEILING PLAN
1/4" = 1'-0"



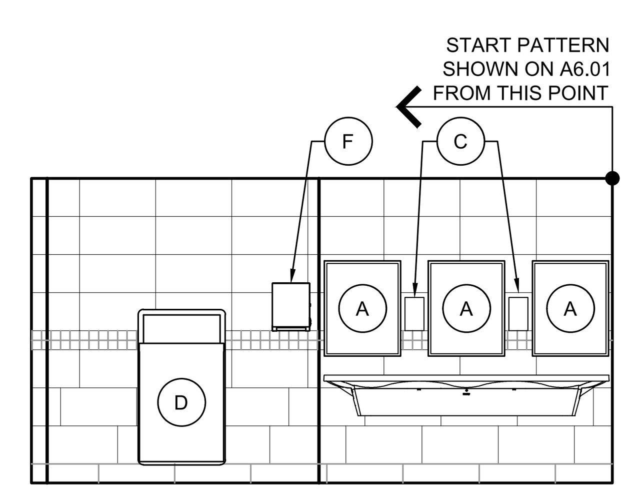
1 A1.02 C-21 - BOYS
1/4" = 1'-0"



2 A1.02 C-21 - BOYS
1/4" = 1'-0"



3 A1.02 C-21 - BOYS
1/4" = 1'-0"



4 A1.02 C-21 - BOYS
1/4" = 1'-0"

NJ Certificate of Authorization
Eng'r. Nos. 24GA27937500
Arch. Nos. 21AC00012400
Date 12/14/2022
Checked RS
Drawn CP

RONALD W. SCHWENKE III, R.A.
License No. NJ21AI02051300
Title REGISTERED ARCHITECT

Revisions:

Set Issue:
12-14-2022
ISSUED FOR BID

LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

PLANS & INTERIOR ELEVATIONS - 1ST FLOOR C-WING

TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

Job No. 20277.14
File No. 202770 A102

A1.02

Toilet Accessory Schedule

A	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2436, 24"x36"
A1	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2460, 24"x72"
A2	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-1824,18"x24"
B	"EXCEL" BRUSHED STAINLESS STEEL XLERATOR HAND DRYER, MODEL XL-SB
C	"RENOWN" 1,200 ML NICKEL TOUCH-FREE FOAM HAND SOAP DISPENSER, REN02536
D	"BRADLEY" 12 GALLON RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05
D1	"BRADLEY" 12 GALLON SEMI-RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05-10
E	"BRADLEY" PARTITION MOUNTED SANITARY PRODUCT DISPOSAL UNIT, DIPLOMAT SERIES MODEL 4A11
F	"BOBRICK" CLASSICSERIES SURFACE MOUNTED PAPER TOWEL DISPENSER, B-2620
G	"BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1081 SERIES PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
G1	"BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1085 SERIES WALL-HUNG SCREEN 42" PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
H	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 42" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
M	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 36" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
J	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 18" LENGTH (VERTICAL INSTALLATION), 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
K	"BOBRICK" SURFACE MOUNTED TWIN JUMBO-ROLL TOILET TISSUE DISPENSER, B2892
L	"BROWNLEE" SURFACE MOUNTED FLOW SQ MINI, MODEL 1265

Demolition Key Notes

1. REMOVE EXISTING WOOD DOOR AND ASSOCIATED HARDWARE. EXISTING DOOR FRAME TO REMAIN TYP. CONTRACTOR TO PREPARE DOOR FRAME TO RECEIVE NEW FINISH AND HARDWARE AS SCHEDULED. CONTRACTOR TO REMOVE AND REUSE EXISTING DOOR CORE INTO NEW DOOR.
2. REMOVE EXISTING MARBLE DOOR THRESHOLD TYP.
3. CONTRACTOR TO PREPARE ALL WALL, FLOOR SURFACES, AS NEEDED TO ACCOMMODATE NEW FINISHES SHOWN ON DOCUMENTS.
4. REMOVE EXISTING TOILET PARTITIONS AND ASSOCIATED HARDWARE.
5. REMOVE EXISTING WALL MOUNTED URINALS AND ASSOCIATED HARDWARE. SEE PLUMBING.
6. REMOVE EXISTING SUSPENDED CEILING SYSTEM AND TILE.
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8. EXISTING FIRE SAFETY DEVICES AT WALLS REMOVED BY DEMOLITION SHALL BE REINSTALLED AT ADA COMPLIANT HEIGHTS.

LEGEND

ACT–1 / 8'–0" — CEILING TYPE (SEE CEILING TYPES LEGEND); CEILING HEIGHT ABOVE FINISHED FLOOR

SYMBOL LEGEND

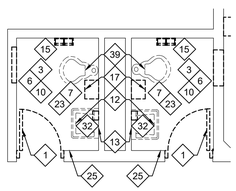
- NEW 2'x4' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 1'x4' RECESSED LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 2'x2' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW WALL MOUNTED SCONCE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW HVAC DIFFUSER. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPRINKLER AND HEAT DETECTOR. REFER TO SPRINKLER PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPEAKER. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- NEW EXIT SIGN. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- VS — NEW VACANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- OS — NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- DS — NEW DAYLIGHT SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

CEILING TYPES LEGEND

- ACT-1 (GENERAL PURPOSE USE) SQUARE LAY-IN TILE. TILE SIZE 24"x48"x3/4" BY ROCKFON OR APP. EQ.
- ACT-2 (GENERAL IMPACT RESISTANT) SQUARE LAY-IN TILE. TILE SIZE 24"x24"x3/4" BY ROCKFON OR APP. EQ.

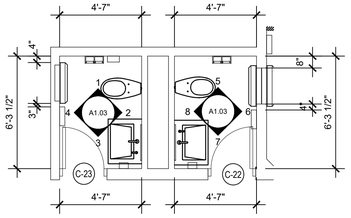
REFLECTED CEILING NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
2. ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
3. IF SHOWN, ARCHITECTURAL DRAWINGS SHALL DICTATE LOCATIONS OF LIGHT FIXTURES, GRILLS/DIFFUSERS, ETC.
4. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEAD, GRILLS AND REGISTERS TO BE PAINTED TO MATCH CEILING FINISHES.
5. FURNISH AND INSTALL ALL NECESSARY ACCESSORIES INCLUDING PERIMETER MOLDINGS, FASTENERS, SUPPORT WIRES, TRIM, ETC., TO INSURE COMPLETE INSTALLATION OF SYSTEM.
6. UNLESS OTHERWISE NOTED, CEILING GRIDS ARE TO BE CENTERED WITHIN THE SPACES SHOWN WITH EQUAL CEILING TILE CUTS ON EACH END.



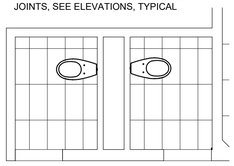
C-22 & C-23 - TOILETS DEMOLITION PLANS

9 / A1.03 — 1/4" = 1'-0"



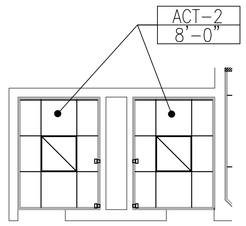
C-22 & C-23 - TOILETS PROPOSED FLOOR PLAN

10 / A1.03 — 1/4" = 1'-0"



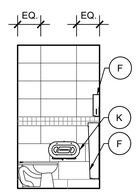
C-22 & C-23 - TOILETS FINISH FLOOR PLAN

11 / A1.03 — 1/4" = 1'-0"



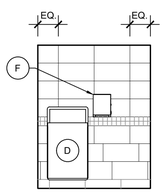
C-22 & C-23 - TOILETS REFLECTED CEILNG PLAN

12 / A1.03 — 1/4" = 1'-0"



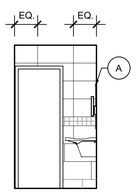
C-22 - TOILET

1 / A1.03 — 1/4" = 1'-0"



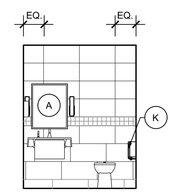
C-22 - TOILET

2 / A1.03 — 1/4" = 1'-0"



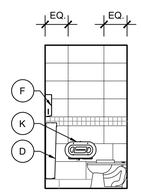
C-22 - TOILET

3 / A1.03 — 1/4" = 1'-0"



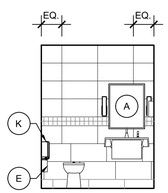
C-22 - TOILET

4 / A1.03 — 1/4" = 1'-0"



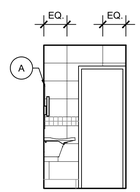
C-23 - TOILET

5 / A1.03 — 1/4" = 1'-0"



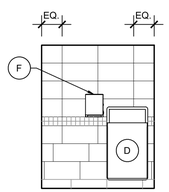
C-23 - TOILET

6 / A1.03 — 1/4" = 1'-0"



C-23 - TOILET

7 / A1.03 — 1/4" = 1'-0"



C-23 - TOILET

8 / A1.03 — 1/4" = 1'-0"

NJ Certificate of Authorization	
Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	RS
Drawn	CP

RONALD W. SCHWENKE III, R.A.
License No. NJ21AI02051300
Title REGISTERED ARCHITECT

Revisions:

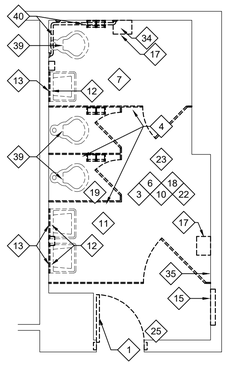
Set Issue:
12-14-2022
ISSUED FOR BID

LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

PLANS & INTERIOR ELEVATIONS - 1ST FLOOR C-WING
TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

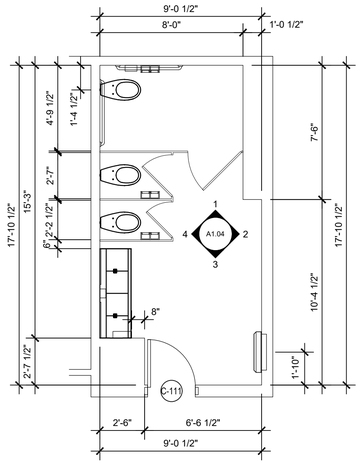
Job No. 20277.14
File No. 202770 A103

A1.03



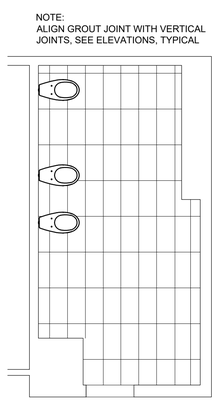
C-111 - GIRLS DEMOLITION PLAN

5 A1.04 — 1/4" = 1'-0"



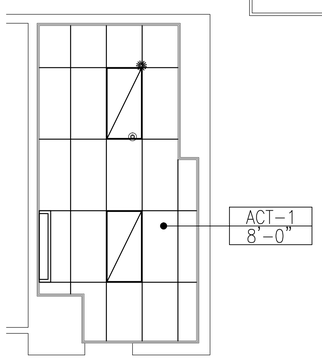
C-111 - GIRLS PROPOSED WORK PLAN

6 A1.04 — 1/4" = 1'-0"



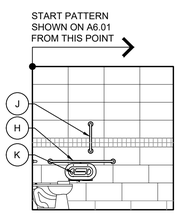
C-111 - GIRLS FINISH FLOOR PLAN

7 A1.04 — 1/4" = 1'-0"



C-111 - GIRLS REFLECTED CEILING PLAN

8 A1.04 — 1/4" = 1'-0"



C-111 - GIRLS

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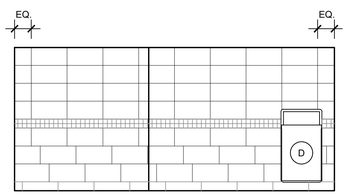

C-111 - GIRLS

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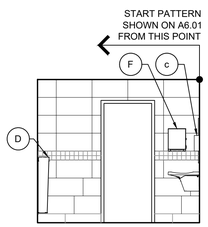

C-111 - GIRLS

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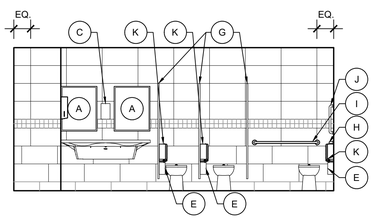

C-111 - GIRLS

4 A1.04 — 1/4" = 1'-0"

Toilet Accessory Schedule

- A — "BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2436, 24"x36"
- A1 — "BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2460, 24"x72"
- A2 — "BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-1824,18"x24"
- B — "EXCEL" BRUSHED STAINLESS STEEL XLERATOR HAND DRYER, MODEL XL-SB
- C — "RENOWN" 1,200 ML NICKEL TOUCH-FREE FOAM HAND SOAP DISPENSER, REN02536
- D — "BRADLEY" 12 GALLON RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05
- D1 — "BRADLEY" 12 GALLON SEMI-RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05-10
- E — "BRADLEY" PARTITION MOUNTED SANITARY PRODUCT DISPOSAL UNIT, DIPLOMAT SERIES MODEL 4A11
- F — "BOBRICK" CLASSICSERIES SURFACE MOUNTED PAPER TOWEL DISPENSER, B-2620
- G — "BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1081 SERIES PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
- G1 — "BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1085 SERIES WALL-HUNG SCREEN 42" PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
- H — "BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 42" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
- M — "BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 36" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
- J — "BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 18" LENGTH (VERTICAL INSTALLATION), 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
- K — "BOBRICK" SURFACE MOUNTED TWIN JUMBO-ROLL TOILET TISSUE DISPENSER, B2892
- L — "BROWNLEE" SURFACE MOUNTED FLOW SQ MINI, MODEL 1265

Demolition Key Notes

1. REMOVE EXISTING WOOD DOOR AND ASSOCIATED HARDWARE. EXISTING DOOR FRAME TO REMAIN TYP. CONTRACTOR TO PREPARE DOOR FRAME TO RECEIVE NEW FINISH AND HARDWARE AS SCHEDULED. CONTRACTOR TO REMOVE AND REUSE EXISTING DOOR CORE INTO NEW DOOR.
2. REMOVE EXISTING MARBLE DOOR THRESHOLD TYP.
3. CONTRACTOR TO PREPARE ALL WALL, FLOOR SURFACES, AS NEEDED TO ACCOMMODATE NEW FINISHES SHOWN ON DOCUMENTS.
4. REMOVE EXISTING TOILET PARTITIONS AND ASSOCIATED HARDWARE.
5. REMOVE EXISTING WALL MOUNTED URINALS AND ASSOCIATED HARDWARE. SEE PLUMBING.
6. REMOVE EXISTING SUSPENDED CEILING SYSTEM AND TILE.
7. REMOVE EXISTING CEILING HVAC VENTS. CONTRACTOR TO DOCUMENT SIZES TO MATCH NEW HVAC VENTS IN NEW DESIGN. SEE MECHANICAL.
8. REMOVE, AND REINSTALL EXISTING CEILINGS MOUNTED HEATING UNIT. CONTRACTOR TO INSTALL UNIT INTO NEW SUSPENDED CEILING SYSTEM. SEE MECHANICAL.
9. REMOVE & REPLACE EXISTING RADIATOR COVERS. CONTRACTOR TO COORDINATE FINAL PAINT COLOR WITH ARCHITECT.
10. REMOVE EXISTING TILE FLOOR SYSTEM DOWN TO CONC. PATCH AND PREPARE FLOOR SUBSTRATE TO ACCOMMODATE SCHEDULED FINISH, TYP.
11. REMOVE, REPAIR AND REINSTALL EXISTING CEILING MOUNTED SPEAKER, TYP.
12. REMOVE EXISTING WALL MOUNTED SINK AND ASSOCIATED HARDWARE, TYP. SEE PLUMBING.
13. REMOVE EXISTING WALL MOUNTED MIRROR(S) AND ASSOCIATED HARDWARE.
14. REMOVE EXISTING WALL MOUNTED URINAL PRIVACY SCREEN
15. REMOVE AND REPLACE EXISTING WALL MOUNTED EMERGENCY EXIT STROBE. SEE ELECTRICAL DWGS.
16. REMOVE EXISTING SPEAKER. CONTRACTOR TO COORDINATE REPLACEMENT SPEAKER WITH ARCHITECT.
17. REMOVE WALL MOUNTED PAPER TOWEL DISPENSERS, TYP.
18. REMOVE EXISTING LAY-IN CEILING LIGHTS. SEE ELECTRICAL.
19. REMOVE AND REPLACE EXISTING FLOOR DRAIN COVER, WHERE APPLICABLE. SEE PLUMBING.
20. REMOVE ENTIRE WOOD FRAMED OPENING WITH TRANSOM IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE NEW OPENING AS SHOWN IN DOCUMENTS.
21. REMOVE PARTIAL CEILING SYSTEM AS SHOWN.
22. REMOVE EXISTING CEILING MOUNTED LIGHT FIXTURE, TYP. SEE ELECTRICAL.
23. REMOVE AND RELOCATE EXISTING CEILING MOUNTED SMOKE DETECTORS. SEE ELECTRICAL.
24. REMOVE EXISTING VINYL FLOOR TILE AS NEEDED .PREPARE SUBSTRATE FOR SCHEDULED FINISH.
25. REMOVE EXISTING WALL MOUNTED LIGHT SWITCH. SEE ELECTRICAL.
26. MODIFY EXISTING HARD DUCT AS REQUIRED TO ACCOMMODATE NEW DESIGN PER DOCUMENTS. SEE MECHANICAL.
27. REMOVE AND RECONFIGURE JUNCTION BOX AND CONDUIT AS NEEDED SO FINAL LOCATION RUNS ABOVE SCHEDULED CEILING. SEE ELECTRICAL.
28. REMOVE SURFACE MOUNTED CONDUIT AND REROUTE POWER SUPPLY AS NEEDED TO ACCOMMODATE SCHEDULE FINISHES, TYP. SEE ELECTRICAL
29. EXISTING WOOD DOOR FRAME WITH TRANSOM TO REMAIN. PATCH AS REQUIRED TO ACCOMMODATE SCHEDULED FINISH.
30. REMOVE EXISTING HARD CEILING IN ITS ENTIRETY.
31. REMOVE AND DISCARD EXISTING BASE CABINET SINK IN ITS ENTIRETY.
32. REMOVE EXISTING WALL MOUNTED LIGHT SCONCE.
33. REMOVE EXISTING PIPE INSULATION. CONTRACTOR TO REPLACE WITH PVC WRAPPED INSULATION. SEE MECHANICAL.
34. REMOVE AND DISCARD EXISTING WALL MOUNTED RECESSED WASTE RECEPTACLE. INFILL AND PATCH TO ACCOMMODATE SCHEDULED FINISH.
35. REMOVE AND REINSTALL EXISTING WALL MOUNTED EMERGENCY WALL PACK. SEE ELECTRICAL.
36. REMOVE EXISTING PARTITION AS REQUIRED FOR NEW PLAN. COORDINATE WITH DOCUMENTS.
37. REMOVE AND DISCARD EXISTING WALL MOUNTED SANITARY NAPKIN / TAMPON DISPENSER.
38. REMOVE AND DISCARD EXISTING WALL MOUNTED SIGNAGE. PATCH AREA TO MATCH ADJACENT FINISH.
39. REMOVE FLOOR MOUNTED TOILETS AND SURROUNDING HARDWARE.
40. REMOVE EXISTING WALL MOUNTED GRAB BARS
41. REMOVE WOOD FRAME OPENING IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE FOR NEW OPENING AS SHOWN IN DOCUMENTS.
42. REMOVE PORTION OF WALL TO ACCOMMODATE NEW SEMI-RECESSED TRASH RECEPTACLE.
43. MODIFY ROUGH-IN PLUMBING AS REQUIRED TO ACCOMMODATE NEW FIXTURE. SEE WORK PLAN.

General Notes

1. ALL DIMENSIONS ARE FROM FACE OF FINISH MATERIALS, AND REPRESENT CLEAR AREA.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND PROPOSED DIMENSIONS PRIOR TO INSTALLATION/CONSTRUCTION.
3. WHERE REQUIRED DUE TO DEMOLITION, CONTRACTOR SHALL SATISFACTORILY PATCH, REPAIR AND OR REPLACE EXISTING CONSTRUCTION.
4. G.C. TO PROTECT, REPAIR & CLEAN ALL "EXISTING TO REMAIN" ITEMS AS NEEDED.
5. REMOVE EXISTING DOOR HARDWARE AND STORE FOR RE-USE IN NEW CONSTRUCTION.TYPICAL.
6. REMOVE ALL FLOOR UNDERLAYMENT AND PROPERLY PREPARE SLAB TO A LIKE NEW CONDITION AND PROPERLY PREPARE TO ACCEPT NEW SPECIFIED FLOOR FINISH.
7. WHERE TILE BASE IS REMOVED FROM EXISTING WALL SCHEDULED TO REMAIN, PATCH, REPAIR AND/OR REPLACE WALL AS REQUIRED TO A LIKE-NEW CONDITION.
8. EXISTING FIRE SAFETY DEVICES AT WALLS REMOVED BY DEMOLITION SHALL BE REINSTALLED AT ADA COMPLIANT HEIGHTS.

LEGEND

ACT–1 / 8'–0" — CEILING TYPE (SEE CEILING TYPES LEGEND); CEILING HEIGHT ABOVE FINISHED FLOOR

SYMBOL LEGEND

- NEW 2'x4' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 1'x4' RECESSED LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 2'x2' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW WALL MOUNTED SCONCE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW HVAC DIFFUSER. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPRINKLER AND HEAT DETECTOR. REFER TO SPRINKLER PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPEAKER. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- NEW EXIT SIGN. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- VS — NEW VACANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- OS — NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- DS — NEW DAYLIGHT SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

CEILING TYPES LEGEND

- ACT-1 (GENERAL PURPOSE USE) SQUARE LAY-IN TILE. TILE SIZE 24"x48"x3/4" BY ROCKFON OR APP. EQ.
- ACT-2 (GENERAL IMPACT RESISTANT) SQUARE LAY-IN TILE. TILE SIZE 24"x24"x3/4" BY ROCKFON OR APP. EQ.

REFLECTED CEILING NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
2. ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
3. IF SHOWN, ARCHITECTURAL DRAWINGS SHALL DICTATE LOCATIONS OF LIGHT FIXTURES, GRILLS/DIFFUSERS, ETC.
4. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEAD, GRILLS AND REGISTERS TO BE PAINTED TO MATCH CEILING FINISHES.
5. FURNISH AND INSTALL ALL NECESSARY ACCESSORIES INCLUDING PERIMETER MOLDINGS, FASTENERS, SUPPORT WIRES, TRIM, ETC., TO INSURE COMPLETE INSTALLATION OF SYSTEM.
6. UNLESS OTHERWISE NOTED, CEILING GRIDS ARE TO BE CENTERED WITHIN THE SPACES SHOWN WITH EQUAL CEILING TILE CUTS ON EACH END.

NJ Certificate of Authorization

Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
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RONALD W. SCHWENKE III, R.A. — License No. NJ21AI02051300 — Title REGISTERED ARCHITECT

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Job No. 20277.14

File No. 202770 A104

A1.04

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38. REMOVE AND DISCARD EXISTING WALL MOUNTED SIGNAGE. PATCH AREA TO MATCH ADJACENT FINISH.
39. REMOVE FLOOR MOUNTED TOILETS AND SURROUNDING HARDWARE.
40. REMOVE EXISTING WALL MOUNTED GRAB BARS
41. REMOVE WOOD FRAME OPENING IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE FOR NEW OPENING AS SHOWN IN DOCUMENTS.
42. REMOVE PORTION OF WALL TO ACCOMMODATE NEW SEMI-RECESSED TRASH RECEPTACLE.
43. MODIFY ROUGH-IN PLUMBING AS REQUIRED TO ACCOMMODATE NEW FIXTURE. SEE WORK PLAN.

General Notes

1. ALL DIMENSIONS ARE FROM FACE OF FINISH MATERIALS, AND REPRESENT CLEAR AREA.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND PROPOSED DIMENSIONS PRIOR TO INSTALLATION/CONSTRUCTION.
3. WHERE REQUIRED DUE TO DEMOLITION, CONTRACTOR SHALL SATISFACTORILY PATCH, REPAIR AND OR REPLACE EXISTING CONSTRUCTION.
4. G.C. TO PROTECT, REPAIR & CLEAN ALL "EXISTING TO REMAIN" ITEMS AS NEEDED.
5. REMOVE EXISTING DOOR HARDWARE AND STORE FOR RE-USE IN NEW CONSTRUCTION.TYPICAL.
6. REMOVE ALL FLOOR UNDERLAYMENT AND PROPERLY PREPARE SLAB TO A LIKE NEW CONDITION AND PROPERLY PREPARE TO ACCEPT NEW SPECIFIED FLOOR FINISH.
7. WHERE TILE BASE IS REMOVED FROM EXISTING WALL SCHEDULED TO REMAIN, PATCH, REPAIR AND/OR REPLACE WALL AS REQUIRED TO A LIKE-NEW CONDITION.
8. EXISTING FIRE SAFETY DEVICES AT WALLS REMOVED BY DEMOLITION SHALL BE REINSTALLED AT ADA COMPLIANT HEIGHTS.

LEGEND

ACT–1 / 8'–0" — CEILING TYPE (SEE CEILING TYPES LEGEND); CEILING HEIGHT ABOVE FINISHED FLOOR

SYMBOL LEGEND

- NEW 2'x4' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 1'x4' RECESSED LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 2'x2' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW WALL MOUNTED SCONCE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW HVAC DIFFUSER. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPRINKLER AND HEAT DETECTOR. REFER TO SPRINKLER PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPEAKER. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- NEW EXIT SIGN. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- VS — NEW VACANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- OS — NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- DS — NEW DAYLIGHT SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

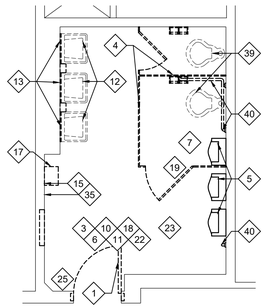
CEILING TYPES LEGEND

ACT-1 (GENERAL PURPOSE USE)
SQUARE LAY-IN TILE.
TILE SIZE 24"x48"x3/4"
BY ROCKFON OR APP. EQ.

ACT-2 (GENERAL IMPACT RESISTANT)
SQUARE LAY-IN TILE.
TILE SIZE 24"x24"x3/4"
BY ROCKFON OR APP. EQ.

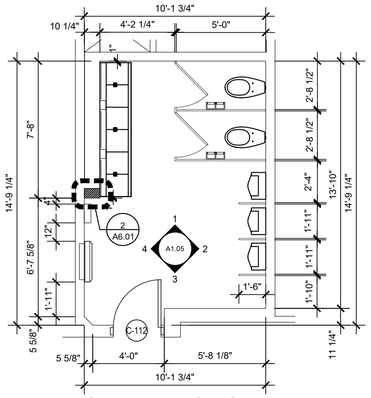
REFLECTED CEILING NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
2. ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
3. IF SHOWN, ARCHITECTURAL DRAWINGS SHALL DICTATE LOCATIONS OF LIGHT FIXTURES, GRILLS/DIFFUSERS, ETC.
4. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEAD, GRILLS AND REGISTERS TO BE PAINTED TO MATCH CEILING FINISHES.
5. FURNISH AND INSTALL ALL NECESSARY ACCESSORIES INCLUDING PERIMETER MOLDINGS, FASTENERS, SUPPORT WIRES, TRIM, ETC., TO INSURE COMPLETE INSTALLATION OF SYSTEM.
6. UNLESS OTHERWISE NOTED, CEILING GRIDS ARE TO BE CENTERED WITHIN THE SPACES SHOWN WITH EQUAL CEILING TILE CUTS ON EACH END.



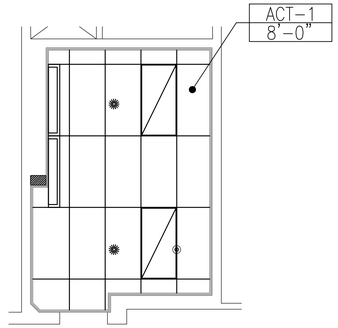
C-112 - BOYS DEMOLITION PLAN

5 / A1.05 — 1/4" = 1'-0"



C-112 - BOYS PROPOSED WORK PLAN

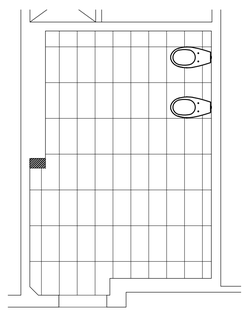
6 / A1.05 — 1/4" = 1'-0"



C-112 - BOYS REFLECTED CEILING PLAN

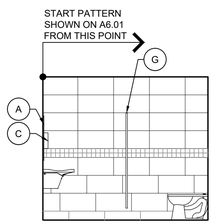
7 / A1.05 — 1/4" = 1'-0"

NOTE:
ALIGN GROUT JOINT WITH VERTICAL JOINTS, SEE ELEVATIONS, TYPICAL



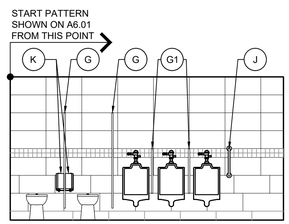
C-112 - BOYS FINISH FLOOR PLAN

8 / A1.05 — 1/4" = 1'-0"



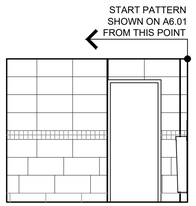
C-112 - BOYS INTERIOR ELEVATION

1 / A1.05 — 1/4" = 1'-0"



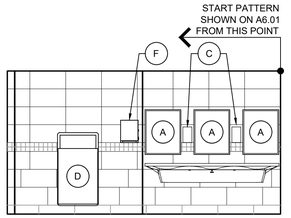
C-112 - BOYS INTERIOR ELEVATION

2 / A1.05 — 1/4" = 1'-0"



C-112 - BOYS INTERIOR ELEVATION

3 / A1.05 — 1/4" = 1'-0"



C-112 - BOYS INTERIOR ELEVATION

4 / A1.05 — 1/4" = 1'-0"

NJ Certificate of Authorization

Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	RS
Drawn	CP

RONALD W. SCHWENKE III, R.A.
License No. NJ21AI02051300
Title REGISTERED ARCHITECT

Revisions:

Set Issue:
12-14-2022
ISSUED FOR BID

LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

PLANS & INTERIOR ELEVATIONS - 2ND FLOOR C-WING
TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

Job No. 20277.14
File No. 202770 A105

A1.05

Toilet Accessory Schedule

A	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2436, 24"x36"
A1	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2460, 24"x72"
A2	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-1824,18"x24"
B	"EXCEL" BRUSHED STAINLESS STEEL XLERATOR HAND DRYER, MODEL XL-SB
C	"RENOWN" 1,200 ML NICKEL TOUCH-FREE FOAM HAND SOAP DISPENSER, REN02536
D	"BRADLEY" 12 GALLON RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05
D1	"BRADLEY" 12 GALLON SEMI-RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05-10
E	"BRADLEY" PARTITION MOUNTED SANITARY PRODUCT DISPOSAL UNIT, DIPLOMAT SERIES MODEL 4A11
F	"BOBRICK" CLASSICSERIES SURFACE MOUNTED PAPER TOWEL DISPENSER, B-2620
G	"BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1081 SERIES PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
G1	"BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1085 SERIES WALL-HUNG SCREEN 42" PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
H	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 42" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
M	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 36" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
J	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 18" LENGTH (VERTICAL INSTALLATION), 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
K	"BOBRICK" SURFACE MOUNTED TWIN JUMBO-ROLL TOILET TISSUE DISPENSER, B2892
L	"BROWNLEE" SURFACE MOUNTED FLOW SQ MINI, MODEL 1265

Demolition Key Notes

1. REMOVE EXISTING WOOD DOOR AND ASSOCIATED HARDWARE. EXISTING DOOR FRAME TO REMAIN TYP. CONTRACTOR TO PREPARE DOOR FRAME TO RECEIVE NEW FINISH AND HARDWARE AS SCHEDULED. CONTRACTOR TO REMOVE AND REUSE EXISTING DOOR CORE INTO NEW DOOR.
2. REMOVE EXISTING MARBLE DOOR THRESHOLD TYP.
3. CONTRACTOR TO PREPARE ALL WALL, FLOOR SURFACES, AS NEEDED TO ACCOMMODATE NEW FINISHES SHOWN ON DOCUMENTS.
4. REMOVE EXISTING TOILET PARTITIONS AND ASSOCIATED HARDWARE.
5. REMOVE EXISTING WALL MOUNTED URINALS AND ASSOCIATED HARDWARE. SEE PLUMBING.
6. REMOVE EXISTING SUSPENDED CEILING SYSTEM AND TILE.
7. REMOVE EXISTING CEILING HVAC VENTS. CONTRACTOR TO DOCUMENT SIZES TO MATCH NEW HVAC VENTS IN NEW DESIGN. SEE MECHANICAL.
8. REMOVE, AND REINSTALL EXISTING CEILINGS MOUNTED HEATING UNIT. CONTRACTOR TO INSTALL UNIT INTO NEW SUSPENDED CEILING SYSTEM. SEE MECHANICAL.
9. REMOVE & REPLACE EXISTING RADIATOR COVERS. CONTRACTOR TO COORDINATE FINAL PAINT COLOR WITH ARCHITECT.
10. REMOVE EXISTING TILE FLOOR SYSTEM DOWN TO CONC. PATCH AND PREPARE FLOOR SUBSTRATE TO ACCOMMODATE SCHEDULED FINISH, TYP.
11. REMOVE, REPAIR AND REINSTALL EXISTING CEILING MOUNTED SPEAKER, TYP.
12. REMOVE EXISTING WALL MOUNTED SINK AND ASSOCIATED HARDWARE, TYP. SEE PLUMBING.
13. REMOVE EXISTING WALL MOUNTED MIRROR(S) AND ASSOCIATED HARDWARE.
14. REMOVE EXISTING WALL MOUNTED URINAL PRIVACY SCREEN
15. REMOVE AND REPLACE EXISTING WALL MOUNTED EMERGENCY EXIT STROBE. SEE ELECTRICAL DWGS.
16. REMOVE EXISTING SPEAKER. CONTRACTOR TO COORDINATE REPLACEMENT SPEAKER WITH ARCHITECT.
17. REMOVE WALL MOUNTED PAPER TOWEL DISPENSERS, TYP.
18. REMOVE EXISTING LAY-IN CEILING LIGHTS. SEE ELECTRICAL.
19. REMOVE AND REPLACE EXISTING FLOOR DRAIN COVER, WHERE APPLICABLE. SEE PLUMBING.
20. REMOVE ENTIRE WOOD FRAMED OPENING WITH TRANSOM IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE NEW OPENING AS SHOWN IN DOCUMENTS.
21. REMOVE PARTIAL CEILING SYSTEM AS SHOWN.
22. REMOVE EXISTING CEILING MOUNTED LIGHT FIXTURE, TYP. SEE ELECTRICAL.
23. REMOVE AND RELOCATE EXISTING CEILING MOUNTED SMOKE DETECTORS. SEE ELECTRICAL.
24. REMOVE EXISTING VINYL FLOOR TILE AS NEEDED .PREPARE SUBSTRATE FOR SCHEDULED FINISH.
25. REMOVE EXISTING WALL MOUNTED LIGHT SWITCH. SEE ELECTRICAL.
26. MODIFY EXISTING HARD DUCT AS REQUIRED TO ACCOMMODATE NEW DESIGN PER DOCUMENTS. SEE MECHANICAL.
27. REMOVE AND RECONFIGURE JUNCTION BOX AND CONDUIT AS NEEDED SO FINAL LOCATION RUNS ABOVE SCHEDULED CEILING. SEE ELECTRICAL.
28. REMOVE SURFACE MOUNTED CONDUIT AND REROUTE POWER SUPPLY AS NEEDED TO ACCOMMODATE SCHEDULE FINISHES, TYP. SEE ELECTRICAL
29. EXISTING WOOD DOOR FRAME WITH TRANSOM TO REMAIN. PATCH AS REQUIRED TO ACCOMMODATE SCHEDULED FINISH.
30. REMOVE EXISTING HARD CEILING IN ITS ENTIRETY.
31. REMOVE AND DISCARD EXISTING BASE CABINET SINK IN ITS ENTIRETY.
32. REMOVE EXISTING WALL MOUNTED LIGHT SCONCE.
33. REMOVE EXISTING PIPE INSULATION. CONTRACTOR TO REPLACE WITH PVC WRAPPED INSULATION. SEE MECHANICAL.
34. REMOVE AND DISCARD EXISTING WALL MOUNTED RECESSED WASTE RECEPTACLE. INFILL AND PATCH TO ACCOMMODATE SCHEDULED FINISH.
35. REMOVE AND REINSTALL EXISTING WALL MOUNTED EMERGENCY WALL PACK. SEE ELECTRICAL.
36. REMOVE EXISTING PARTITION AS REQUIRED FOR NEW PLAN. COORDINATE WITH DOCUMENTS.
37. REMOVE AND DISCARD EXISTING WALL MOUNTED SANITARY NAPKIN / TAMPON DISPENSER.
38. REMOVE AND DISCARD EXISTING WALL MOUNTED SIGNAGE. PATCH AREA TO MATCH ADJACENT FINISH.
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42. REMOVE PORTION OF WALL TO ACCOMMODATE NEW SEMI-RECESSED TRASH RECEPTACLE.
43. MODIFY ROUGH-IN PLUMBING AS REQUIRED TO ACCOMMODATE NEW FIXTURE. SEE WORK PLAN.

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2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND PROPOSED DIMENSIONS PRIOR TO INSTALLATION/CONSTRUCTION.
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8. EXISTING FIRE SAFETY DEVICES AT WALLS REMOVED BY DEMOLITION SHALL BE REINSTALLED AT ADA COMPLIANT HEIGHTS.

LEGEND

ACT–1 / 8'–0" — CEILING TYPE (SEE CEILING TYPES LEGEND); CEILING HEIGHT ABOVE FINISHED FLOOR

SYMBOL LEGEND

- NEW 2'x4' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 1'x4' RECESSED LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 2'x2' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW WALL MOUNTED SCONCE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW HVAC DIFFUSER. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPRINKLER AND HEAT DETECTOR. REFER TO SPRINKLER PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPEAKER. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- NEW EXIT SIGN. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- VS — NEW VACANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- OS — NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- DS — NEW DAYLIGHT SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

CEILING TYPES LEGEND

ACT-1 (GENERAL PURPOSE USE)
SQUARE LAY-IN TILE.
TILE SIZE 24"x48"x3/4"
BY ROCKFON OR APP. EQ.

ACT-2 (GENERAL IMPACT RESISTANT)
SQUARE LAY-IN TILE.
TILE SIZE 24"x24"x3/4"
BY ROCKFON OR APP. EQ.

REFLECTED CEILING NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
2. ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
3. IF SHOWN, ARCHITECTURAL DRAWINGS SHALL DICTATE LOCATIONS OF LIGHT FIXTURES, GRILLS/DIFFUSERS, ETC.
4. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEAD, GRILLS AND REGISTERS TO BE PAINTED TO MATCH CEILING FINISHES.
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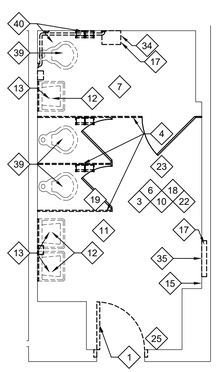
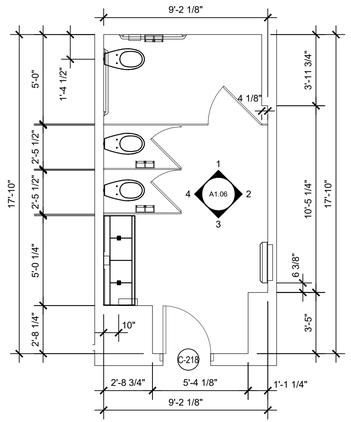
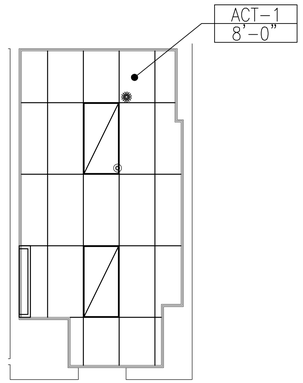
6. UNLESS OTHERWISE NOTED, CEILING GRIDS ARE TO BE CENTERED WITHIN THE SPACES SHOWN WITH EQUAL CEILING TILE CUTS ON EACH END.

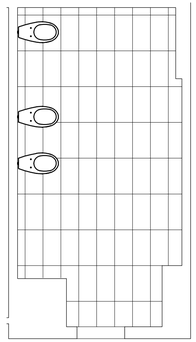




5 A1.06 C-218 - GIRLS DEMOLITION PLAN
1/4" = 1'-0"

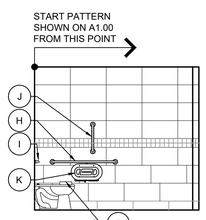


6 A1.06 C-218 - GIRLS PROPOSED WORK PLAN
1/4" = 1'-0"

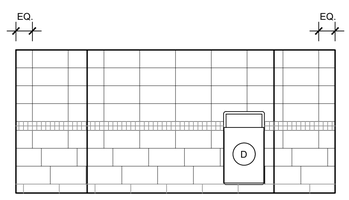


7 A1.06 C-218 - GIRLS REFLECTED CEILING PLAN
1/4" = 1'-0"

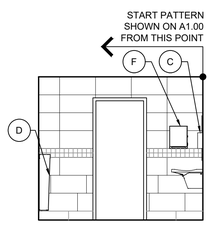
8 A1.06 C-218 - GIRLS FINISH FLOOR PLAN
1/4" = 1'-0"



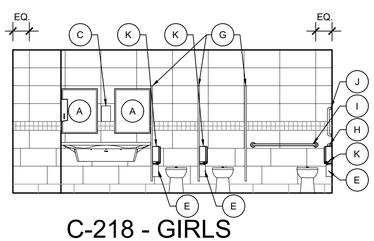
1 A1.06 C-218 - GIRLS INTERIOR ELEVATION
1/4" = 1'-0"



2 A1.06 C-218 - GIRLS INTERIOR ELEVATION
1/4" = 1'-0"



3 A1.06 C-218 - GIRLS INTERIOR ELEVATION
1/4" = 1'-0"



4 A1.06 C-218 - GIRLS INTERIOR ELEVATION
1/4" = 1'-0"

NJ Certificate of Authorization	
Eng'r. Nos.	24GA27937500
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Date	12/14/2022
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RONALD W. SCHWENKE III, R.A.
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Revisions:

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LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

PLANS & INTERIOR ELEVATIONS - 3RD FLOOR C-WING
TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 0803.3

Job No. 20277.14
File No. 202770 A106

A1.06

Toilet Accessory Schedule

A	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2436, 24"x36"
A1	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2460, 24"x72"
A2	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-1824,18"x24"
B	"EXCEL" BRUSHED STAINLESS STEEL XLERATOR HAND DRYER, MODEL XL-SB
C	"RENOWN" 1,200 ML NICKEL TOUCH-FREE FOAM HAND SOAP DISPENSER, REN02536
D	"BRADLEY" 12 GALLON RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05
D1	"BRADLEY" 12 GALLON SEMI-RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05-10
E	"BRADLEY" PARTITION MOUNTED SANITARY PRODUCT DISPOSAL UNIT, DIPLOMAT SERIES MODEL 4A11
F	"BOBRICK" CLASSICSERIES SURFACE MOUNTED PAPER TOWEL DISPENSER, B-2620
G	"BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1081 SERIES PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
G1	"BOBRICK" DURALINESERIES COMPACT GRADE LAMINATE PARTITION, 1085 SERIES WALL-HUNG SCREEN 42" PAINTED "WILSON ART" - NIGHTFALL #502K-19 LENO WEAVE FINISH
H	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 42" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
M	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 36" LENGTH, 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
J	"BOBRICK" WALL MOUNTED STAINLESS STEEL GRAB BAR SERIES B-6806. 18" LENGTH (VERTICAL INSTALLATION), 1½"Ø PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.
K	"BOBRICK" SURFACE MOUNTED TWIN JUMBO-ROLL TOILET TISSUE DISPENSER, B2892
L	"BROWNLEE" SURFACE MOUNTED FLOW SQ MINI, MODEL 1265

Demolition Key Notes

1. REMOVE EXISTING WOOD DOOR AND ASSOCIATED HARDWARE. EXISTING DOOR FRAME TO REMAIN TYP. CONTRACTOR TO PREPARE DOOR FRAME TO RECEIVE NEW FINISH AND HARDWARE AS SCHEDULED. CONTRACTOR TO REMOVE AND REUSE EXISTING DOOR CORE INTO NEW DOOR.
2. REMOVE EXISTING MARBLE DOOR THRESHOLD TYP.
3. CONTRACTOR TO PREPARE ALL WALL, FLOOR SURFACES, AS NEEDED TO ACCOMMODATE NEW FINISHES SHOWN ON DOCUMENTS.
4. REMOVE EXISTING TOILET PARTITIONS AND ASSOCIATED HARDWARE.
5. REMOVE EXISTING WALL MOUNTED URINALS AND ASSOCIATED HARDWARE. SEE PLUMBING.
6. REMOVE EXISTING SUSPENDED CEILING SYSTEM AND TILE.
7. REMOVE EXISTING CEILING HVAC VENTS. CONTRACTOR TO DOCUMENT SIZES TO MATCH NEW HVAC VENTS IN NEW DESIGN. SEE MECHANICAL.
8. REMOVE, AND REINSTALL EXISTING CEILINGS MOUNTED HEATING UNIT. CONTRACTOR TO INSTALL UNIT INTO NEW SUSPENDED CEILING SYSTEM. SEE MECHANICAL.
9. REMOVE & REPLACE EXISTING RADIATOR COVERS. CONTRACTOR TO COORDINATE FINAL PAINT COLOR WITH ARCHITECT.
10. REMOVE EXISTING TILE FLOOR SYSTEM DOWN TO CONC. PATCH AND PREPARE FLOOR SUBSTRATE TO ACCOMMODATE SCHEDULED FINISH, TYP.
11. REMOVE, REPAIR AND REINSTALL EXISTING CEILING MOUNTED SPEAKER, TYP.
12. REMOVE EXISTING WALL MOUNTED SINK AND ASSOCIATED HARDWARE, TYP. SEE PLUMBING.
13. REMOVE EXISTING WALL MOUNTED MIRROR(S) AND ASSOCIATED HARDWARE.
14. REMOVE EXISTING WALL MOUNTED URINAL PRIVACY SCREEN
15. REMOVE AND REPLACE EXISTING WALL MOUNTED EMERGENCY EXIT STROBE. SEE ELECTRICAL DWGS.
16. REMOVE EXISTING SPEAKER. CONTRACTOR TO COORDINATE REPLACEMENT SPEAKER WITH ARCHITECT.
17. REMOVE WALL MOUNTED PAPER TOWEL DISPENSERS, TYP.
18. REMOVE EXISTING LAY-IN CEILING LIGHTS. SEE ELECTRICAL.
19. REMOVE AND REPLACE EXISTING FLOOR DRAIN COVER, WHERE APPLICABLE. SEE PLUMBING.
20. REMOVE ENTIRE WOOD FRAMED OPENING WITH TRANSOM IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE NEW OPENING AS SHOWN IN DOCUMENTS.
21. REMOVE PARTIAL CEILING SYSTEM AS SHOWN.
22. REMOVE EXISTING CEILING MOUNTED LIGHT FIXTURE, TYP. SEE ELECTRICAL.
23. REMOVE AND RELOCATE EXISTING CEILING MOUNTED SMOKE DETECTORS. SEE ELECTRICAL.
24. REMOVE EXISTING VINYL FLOOR TILE AS NEEDED .PREPARE SUBSTRATE FOR SCHEDULED FINISH.
25. REMOVE EXISTING WALL MOUNTED LIGHT SWITCH. SEE ELECTRICAL.
26. MODIFY EXISTING HARD DUCT AS REQUIRED TO ACCOMMODATE NEW DESIGN PER DOCUMENTS. SEE MECHANICAL.
27. REMOVE AND RECONFIGURE JUNCTION BOX AND CONDUIT AS NEEDED SO FINAL LOCATION RUNS ABOVE SCHEDULED CEILING. SEE ELECTRICAL.
28. REMOVE SURFACE MOUNTED CONDUIT AND REROUTE POWER SUPPLY AS NEEDED TO ACCOMMODATE SCHEDULE FINISHES, TYP. SEE ELECTRICAL
29. EXISTING WOOD DOOR FRAME WITH TRANSOM TO REMAIN. PATCH AS REQUIRED TO ACCOMMODATE SCHEDULED FINISH.
30. REMOVE EXISTING HARD CEILING IN ITS ENTIRETY.
31. REMOVE AND DISCARD EXISTING BASE CABINET SINK IN ITS ENTIRETY.
32. REMOVE EXISTING WALL MOUNTED LIGHT SCONCE.
33. REMOVE EXISTING PIPE INSULATION. CONTRACTOR TO REPLACE WITH PVC WRAPPED INSULATION. SEE MECHANICAL.
34. REMOVE AND DISCARD EXISTING WALL MOUNTED RECESSED WASTE RECEPTACLE. INFILL AND PATCH TO ACCOMMODATE SCHEDULED FINISH.
35. REMOVE AND REINSTALL EXISTING WALL MOUNTED EMERGENCY WALL PACK. SEE ELECTRICAL.
36. REMOVE EXISTING PARTITION AS REQUIRED FOR NEW PLAN. COORDINATE WITH DOCUMENTS.
37. REMOVE AND DISCARD EXISTING WALL MOUNTED SANITARY NAPKIN / TAMPON DISPENSER.
38. REMOVE AND DISCARD EXISTING WALL MOUNTED SIGNAGE. PATCH AREA TO MATCH ADJACENT FINISH.
39. REMOVE FLOOR MOUNTED TOILETS AND SURROUNDING HARDWARE.
40. REMOVE EXISTING WALL MOUNTED GRAB BARS
41. REMOVE WOOD FRAME OPENING IN ITS ENTIRETY. CONTRACTOR TO COORDINATE THE DEMOLITION NEEDED TO ACCOMMODATE FOR NEW OPENING AS SHOWN IN DOCUMENTS.
42. REMOVE PORTION OF WALL TO ACCOMMODATE NEW SEMI-RECESSED TRASH RECEPTACLE.
43. MODIFY ROUGH-IN PLUMBING AS REQUIRED TO ACCOMMODATE NEW FIXTURE. SEE WORK PLAN.

General Notes

1. ALL DIMENSIONS ARE FROM FACE OF FINISH MATERIALS, AND REPRESENT CLEAR AREA.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND PROPOSED DIMENSIONS PRIOR TO INSTALLATION/CONSTRUCTION.
3. WHERE REQUIRED DUE TO DEMOLITION, CONTRACTOR SHALL SATISFACTORILY PATCH, REPAIR AND OR REPLACE EXISTING CONSTRUCTION.
4. G.C. TO PROTECT, REPAIR & CLEAN ALL "EXISTING TO REMAIN" ITEMS AS NEEDED.
5. REMOVE EXISTING DOOR HARDWARE AND STORE FOR RE-USE IN NEW CONSTRUCTION.TYPICAL.
6. REMOVE ALL FLOOR UNDERLAYMENT AND PROPERLY PREPARE SLAB TO A LIKE NEW CONDITION AND PROPERLY PREPARE TO ACCEPT NEW SPECIFIED FLOOR FINISH.
7. WHERE TILE BASE IS REMOVED FROM EXISTING WALL SCHEDULED TO REMAIN, PATCH, REPAIR AND/OR REPLACE WALL AS REQUIRED TO A LIKE-NEW CONDITION.
8. EXISTING FIRE SAFETY DEVICES AT WALLS REMOVED BY DEMOLITION SHALL BE REINSTALLED AT ADA COMPLIANT HEIGHTS.

LEGEND

ACT-1 / 8'-0" — CEILING TYPE (SEE CEILING TYPES LEGEND); CEILING HEIGHT ABOVE FINISHED FLOOR

SYMBOL LEGEND

- NEW 2'x4' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 1'x4' RECESSED LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 2'x2' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW WALL MOUNTED SCONCE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW HVAC DIFFUSER. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPRINKLER AND HEAT DETECTOR. REFER TO SPRINKLER PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPEAKER. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- NEW EXIT SIGN. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- VS — NEW VACANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- OS — NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- DS — NEW DAYLIGHT SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

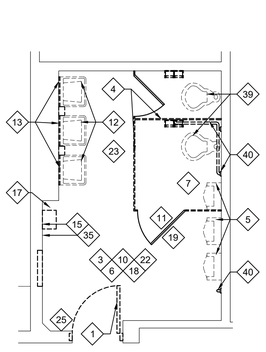
CEILING TYPES LEGEND

- ACT-1 (GENERAL PURPOSE USE) SQUARE LAY-IN TILE. TILE SIZE 24"x48"x3/4" BY ROCKFON OR APP. EQ.
- ACT-2 (GENERAL IMPACT RESISTANT) SQUARE LAY-IN TILE. TILE SIZE 24"x24"x3/4" BY ROCKFON OR APP. EQ.

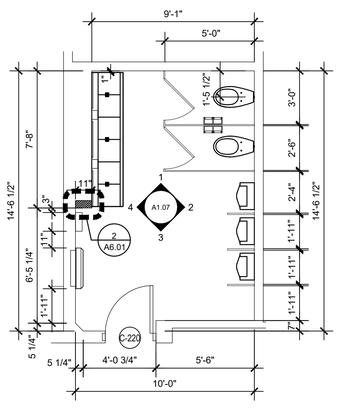
REFLECTED CEILING NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
2. ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
3. IF SHOWN, ARCHITECTURAL DRAWINGS SHALL DICTATE LOCATIONS OF LIGHT FIXTURES, GRILLS/DIFFUSERS, ETC.
4. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEAD, GRILLS AND REGISTERS TO BE PAINTED TO MATCH CEILING FINISHES.
5. FURNISH AND INSTALL ALL NECESSARY ACCESSORIES INCLUDING PERIMETER MOLDINGS, FASTENERS, SUPPORT WIRES, TRIM, ETC., TO INSURE COMPLETE INSTALLATION OF SYSTEM.
6. UNLESS OTHERWISE NOTED, CEILING GRIDS ARE TO BE CENTERED WITHIN THE SPACES SHOWN WITH EQUAL CEILING TILE CUTS ON EACH END.

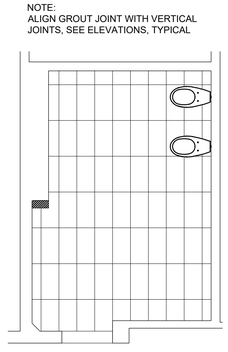
NOTE:
ALIGN GROUT JOINT WITH VERTICAL JOINTS, SEE ELEVATIONS, TYPICAL



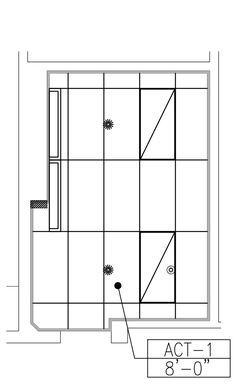
5 A1.07 — C-220 - BOYS DEMOLITION PLAN
1/4" = 1'-0"



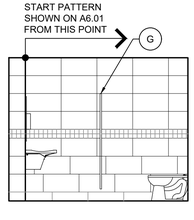
6 A1.07 — C-220 - BOYS PROPOSED WORK PLAN
1/4" = 1'-0"



7 A1.07 — C-220 - BOYS FINISH FLOOR PLAN
1/4" = 1'-0"



8 A1.07 — C-220 - BOYS REFLECTED CEILING PLAN
1/4" = 1'-0"



1 A1.07 — C-220 - BOYS
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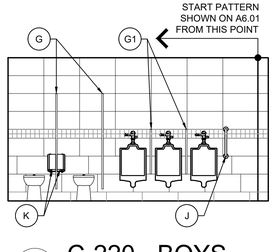

2 A1.07 — C-220 - BOYS
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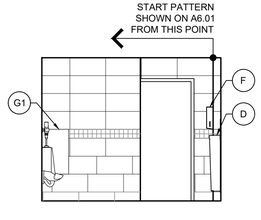
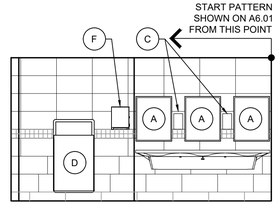


3 A1.07 — C-220 - BOYS
1/4" = 1'-0"



4 A1.07 — C-220 - BOYS
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NJ Certificate of Authorization

Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	RS
Drawn	CP

RONALD W. SCHWENKE III, R.A.
License No. NJ21AI02051300
Title REGISTERED ARCHITECT

Revisions:

Set Issue:
12-14-2022
ISSUED FOR BID

LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

PLANS & INTERIOR ELEVATIONS 3RD FLOOR C-WING
TOILET ROOM RENOVATIONS of
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

Job No. 20277.14
File No. 202770 A107

A1.07

Toilet Accessory Schedule

A	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2436, 24"x36"
A1	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-2460, 24"x72"
A2	"BRADLEY" GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME MODEL 781-1824,18"x24"
B	"EXCEL" BRUSHED STAINLESS STEEL XLERATOR HAND DRYER, MODEL XL-SB
C	"RENOWN" 1,200 ML NICKEL TOUCH-FREE FOAM HAND SOAP DISPENSER, REN02536
D	"BRADLEY" 12 GALLON RECESSED DIPLOMAT WASTE RECEPTACLE, MODEL 3A05
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1. REMOVE EXISTING WOOD DOOR AND ASSOCIATED HARDWARE. EXISTING DOOR FRAME TO REMAIN TYP. CONTRACTOR TO PREPARE DOOR FRAME TO RECEIVE NEW FINISH AND HARDWARE AS SCHEDULED. CONTRACTOR TO REMOVE AND REUSE EXISTING DOOR CORE INTO NEW DOOR.
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General Notes

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LEGEND

ACT-1 / 8'-0" — CEILING TYPE (SEE CEILING TYPES LEGEND); CEILING HEIGHT ABOVE FINISHED FLOOR

SYMBOL LEGEND

- NEW 2'x4' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 1'x4' RECESSED LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW 2'x2' LIGHT FIXTURE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW WALL MOUNTED SCONCE. REFER TO ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION.
- NEW HVAC DIFFUSER. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPRINKLER AND HEAT DETECTOR. REFER TO SPRINKLER PLANS FOR ADDITIONAL INFORMATION.
- EXISTING SPEAKER. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- NEW EXIT SIGN. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (VS) NEW VACANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (OS) NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (DS) NEW DAYLIGHT SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

CEILING TYPES LEGEND

- ACT-1 (GENERAL PURPOSE USE) SQUARE LAY-IN TILE. TILE SIZE 24"x48"x3/4" BY ROCKFON OR APP. EQ.
- ACT-2 (GENERAL IMPACT RESISTANT) SQUARE LAY-IN TILE. TILE SIZE 24"x24"x3/4" BY ROCKFON OR APP. EQ.

REFLECTED CEILING NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
2. ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
3. IF SHOWN, ARCHITECTURAL DRAWINGS SHALL DICTATE LOCATIONS OF LIGHT FIXTURES, GRILLS/DIFFUSERS, ETC.
4. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEAD, GRILLS AND REGISTERS TO BE PAINTED TO MATCH CEILING FINISHES.
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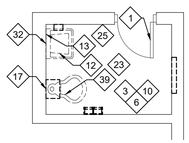
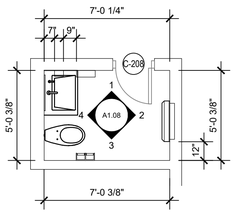
6. UNLESS OTHERWISE NOTED, CEILING GRIDS ARE TO BE CENTERED WITHIN THE SPACES SHOWN WITH EQUAL CEILING TILE CUTS ON EACH END.

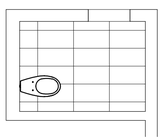


C-208 - TOILET DEMOLITION PLAN
5 A1.08 — 1/4" = 1'-0"

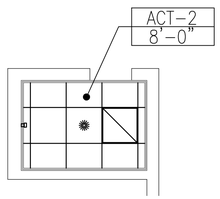


C-208 - TOILET PROPOSED WORK PLAN
6 A1.08 — 1/4" = 1'-0"

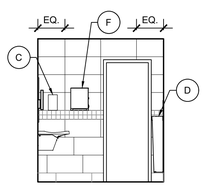
NOTE:
ALIGN GROUT JOINT WITH VERTICAL JOINTS, SEE ELEVATIONS, TYPICAL



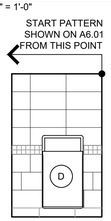
C-208 - TOILET FINISH FLOOR PLAN
7 A1.08 — 1/4" = 1'-0"



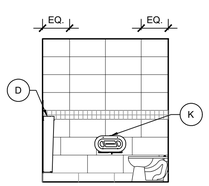
C-208 - TOILET REFLECTED CEILING PLAN
8 A1.08 — 1/4" = 1'-0"



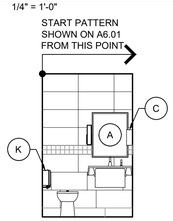
C-208 - TOILET
1 A1.08 — 1/4" = 1'-0"



C-208 - TOILET
2 A1.08 — 1/4" = 1'-0"



C-208 - TOILET
3 A1.08 — 1/4" = 1'-0"



C-208 - TOILET
4 A1.08 — 1/4" = 1'-0"

NJ Certificate of Authorization	
Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	RS
Drawn	CP

RONALD W. SCHWENKE III, R.A.
License No. NJ21AI02051300
Title REGISTERED ARCHITECT

Revisions:

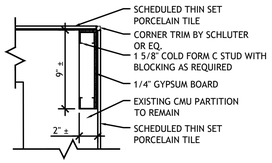
Set Issue:
12-14-2022
ISSUED FOR BID

LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

PLANS & INTERIOR ELEVATIONS - 3RD FLOOR
TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

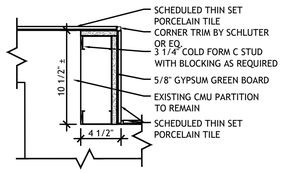
Job No. 20277.14
File No. 202770 A108

A1.08



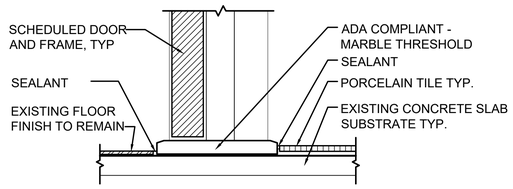
1 A6.01 **PLAN DETAIL**

1 1/2" = 1'-0"



2 A6.01 **PLAN DETAIL**

1 1/2" = 1'-0"

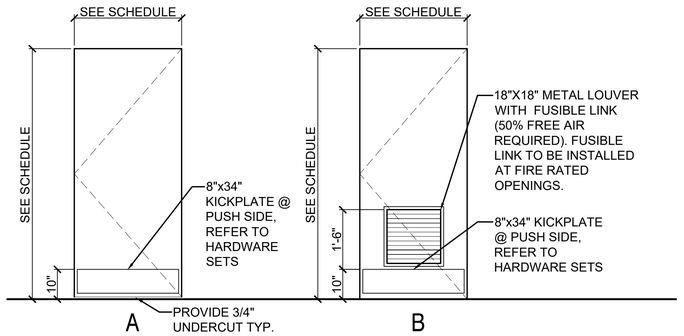


S1

DOOR SILL TYPE

DOOR SCHEDULE

DOOR NO.	ROOM NAME/ NUMBER	DOOR					FRAME			SILL	FIRE RATING LABEL DOOR & FRAME		DOOR FINISH		NOTES
		ELEV. TYPE	ACTION	MATERIAL	DOOR SIZE		DETAIL NO.			DETAIL NO.		HARDWARE SET	PAINT	STAINED WOOD VENEER (TRANS.)	
					WIDTH	HEIGHT	MAT.	HEAD	JAMB						
C-20	C-20 GIRLS	A	SINGLE SWING	WD	2'-8"	7'-0"	(E) HM	--	--	S1	-	SEE SPEC	-	-	PAINT / STAIN TO MATCH ADJACENT, TYP.
C-21	C-21 BOYS	A	SINGLE SWING	WD	2'-8"	7'-0"	(E) HM	--	--	S1	-	SEE SPEC	-	-	PAINT / STAIN TO MATCH ADJACENT, TYP.
C-22	C-22 TOILET	B	SINGLE SWING	WD	2'-4"	7'-0"	(E) HM	--	--	S1	-	SEE SPEC	-	-	PAINT / STAIN TO MATCH ADJACENT, TYP.
C-23	C-23 TOILET	B	SINGLE SWING	WD	2'-4"	7'-0"	(E) HM	--	--	S1	-	SEE SPEC	–	-	PAINT / STAIN TO MATCH ADJACENT, TYP.
C-111	C-111 GIRLS	A	SINGLE SWING	WD	2'-8"	7'-0"	(E) HM	--	--	S1	-	SEE SPEC	-	-	PAINT / STAIN TO MATCH ADJACENT, TYP.
C-112	C-112 BOYS	A	SINGLE SWING	WD	2'-8"	7'-0"	(E) HM	--	--	S1	-	SEE SPEC	-	-	PAINT / STAIN TO MATCH ADJACENT, TYP.
C-218	C-218 GIRLS	A	SINGLE SWING	WD	2'-8"	7'-0"	(E) HM	--	--	S1	-	SEE SPEC	-	-	PAINT / STAIN TO MATCH ADJACENT, TYP.
C-220	C-220 BOYS	A	SINGLE SWING	WD	2'-8"	7'-0"	(E) HM	--	--	S1	-	SEE SPEC	-	-	PAINT / STAIN TO MATCH ADJACENT, TYP.
C-208	C-208 TOILET	B	SINGLE SWING	WD	2'-0"	7'-0"	(E) HM	--	--	S1	-	SEE SPEC	–	–	PAINT / STAIN TO MATCH ADJACENT, TYP.



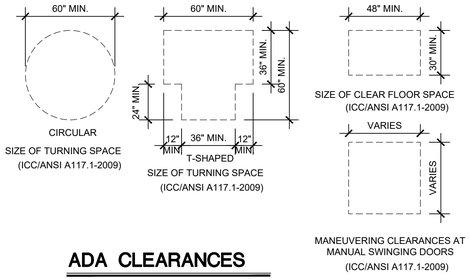
DOOR TYPES

Abbreviations

ALUM.	ALUMINUM
EX.	EXISTING
HM	HOLLOW METAL
ST	STEEL
WD	WOOD

NOTE

CONTRACTOR TO PROVIDE A 20 SQUARE FOOT PARTIAL IN-PLACE MOCKUP OF ALL FINISHES, AT ONE SELECT TOILET ROOM. MOCKUP IS TO DEMONSTRATE UNDERSTANDING OF INTENDED DESIGN. COORDINATE LOCATION WITH ARCHITECT, BEFORE PROCEEDING WITH INSTALLATION OF WORK SHOWN ON CONSTRUCTION DOCUMENTS.



ADA CLEARANCES

PLUMBING HEIGHTS AND CLEARANCES

ADULT HEIGHTS SHALL APPLY AT ALL SPACES PREDOMINANTLY USED BY ADULTS AND STUDENTS OF AGE 13 AND ABOVE

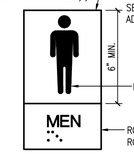
CHILD HEIGHTS SHALL APPLY AT ALL SPACES PREDOMINANTLY USED BY STUDENTS OF AGE 12 AND BELOW

	AGES 5 AND BELOW	AGES 6 THRU 12 BARRIER FREE	AGES 6 THRU 12 NON-BARRIER FREE	ADULT BARRIER FREE
WATER CLOSET - CENTERLINE OF BOWL TO WALL WITH GRAB BAR	1'-0"	12" to 18"	N/A	16" TO 18"
WATER CLOSET - RIM HEIGHT FROM FLOOR	9.5" to 10.5"	11" to 17" (to top of seat)	10.5" to 13.5"	17" TO 19"
GRAB BAR - SIDE WALL FLOOR TO TOP OF BAR	18" TO 20"	20" TO 25"	N/A	33" TO 36"
FLUSH CONTROLS - WATER CLOSET	20" TO 30"	20" TO 30"	20" TO 30"	44" MAX.
URINAL - HEIGHT OF ELONGATED RIM	14" MAX.	14" MAX.	14" MAX.	17" MAX.
URINAL - HEIGHT OF FLUSH CONTROLS	30" MAX.	30" MAX.	30" MAX.	44" MAX.
LAVATORIES & SINKS HEIGHT OF RIM OR COUNTER TOP	30" MAX.	30" MAX.	30" MAX.	34" MAX.
LAVATORIES & SINKS KNEE CLEARANCE	17" MIN. DEEP 30" MIN. WIDE	17" MIN. DEEP 36" MIN. WIDE	N/A	17" MIN. DEEP 30" MIN. WIDE
LAVATORIES & SINKS FLOOR TO BOTTOM OF APRON	27" MIN.	27" MIN.	N/A	27" MIN.
LAVATORIES & SINKS FLOOR TO BOTTOM BOWL	24" MIN.	24" MIN.	N/A	27" MIN.
DRINKING FOUNTAIN SPOUT HEIGHT	30" MAX.	30" MAX.	N/A	36" MAX.

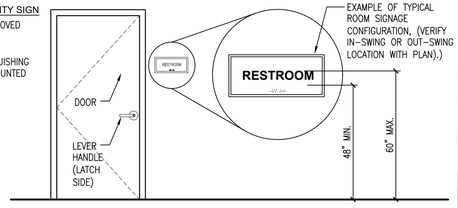
ACCESSIBLE ROOM SIGNAGE

1. LETTERS AND NUMERALS MUST BE RAISED 1/32" FROM SIGN SURFACE.
2. CHARACTER HEIGHT MUST BE AT LEAST 5/8" BUT NOT EXCEED 2".
3. TYPE STYLE FOR LETTERS AND NUMBERS SHALL BE SANS SERIF OR SIMPLE SERIF.
4. WORDS AND NUMBERS MUST BE CONVERTED INTO GRADE 2 BRAILLE, AND BE INCLUDED ON SIGN.
5. PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW PICTOGRAM.

EXAMPLE OF TYPICAL TOILET ROOM SIGNAGE CONFIGURATION, (VERIFY IN-SWING OR OUT-SWING LOCATION WITH PLAN.)

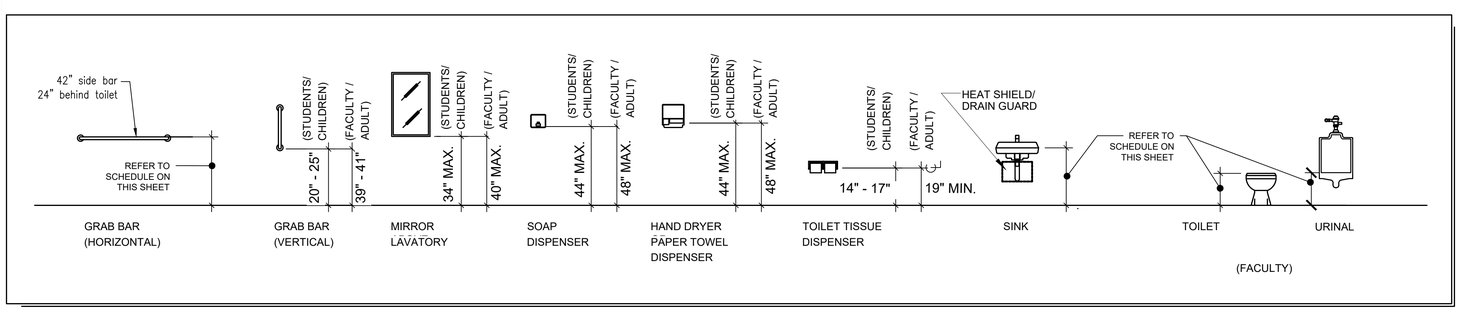


ACCESSIBILITY SIGN
A.N.S.I. APPROVED
E.S. PLASTIC
NEMA RATED
SELF EXTINGUISHING ADHESIVE MOUNTED

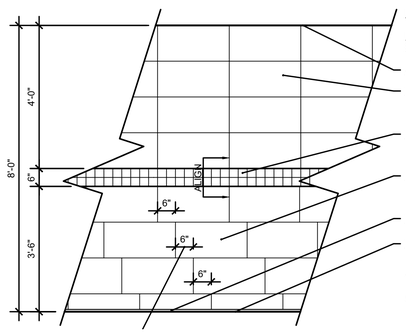


SIGNAGE NOTES:

1. ALL SIGNAGE SHALL CONFORM WITH THE ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES GUIDELINES IN ACCORDANCE WITH ICC/ANSI A117.1-2017
2. CONTRACTOR SHALL INSTALL ALL ROOM SIGNAGE AT RENOVATED TOILET ROOMS. COORDINATE ROOM NAMES AND NUMBERS WITH OWNER'S REQUIREMENTS, TYPICAL.
3. APPROXIMATE SIZE OF SIGNAGE IS 6"X8" WITH PICTOGRAMS. SIZE MAY CHANGE UPON NUMBER OF CHARACTERS REQUIRED.



TYPICAL MOUNTING HEIGHTS



NOTE:

P1 - TYPICAL TOILET PARTITION WILSONART NIGHTFALL - 5023K-19
S1 - GROUP SINKS BRADLEY TERREON SOLID SURFACE POLAR ICE

ACT1 - ROCKFON MOON-10 CEILING GRID AND MOLDING TO MATCH

T2 (WALL) - JAVA JOINT TWO SUGARS (12 X 24)

T3 - MOSAIC MENDOCINO, CANE IRID, HARVEST IRID, TAHOE IRID

T1 (LOWER WALL) - FAMILIAR TERRITORY TAUPE (12 X 24)

TR1 - SCHLUTER DILEX - AHK1S100TSC COLOR TO MATCH ADJACENT TILE

T1 (FLOOR & BASE) - FAMILIAR TERRITORY TAUPE (12 X 24)

ALL GROUT TO BE BOSTIK DELOREAN GRAY H160.

SOLID SURFACE WINDOW SILLS - MEGANITE SMOKEY MOUNTAIN 520A

TYPICAL WALL TILE PATTERN

NJ Certificate of Authorization

Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	RS
Drawn	LR

RONALD W. SCHWENKE III, R.A.
License No. NJ21AI02051300
Title REGISTERED ARCHITECT

Revisions:

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LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

SCHEDULES AND DETAILS

TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

State Project #: 1900-050-22-1000

Job No. 20277.14

File No. 202770 A6.01

A6.01

ABBREVIATIONS

&	=	AND			
@	=	AT	JAN	=	JANITOR
ø	=	DIAMETER OR ROUND			
			MAX	=	MAXIMUM
ABV	=	ABOVE	MD	=	MOTORIZED DAMPER
AD	=	ACCESS DOOR	MECH	=	MECHANICAL
ADD'L	=	ADDITIONAL	MEP	=	MECHANICAL/ ELECTRICAL/ PLUMBING
ADJ	=	ADJUSTABLE			
ALT	=	ALTERNATE	MFR	=	MANUFACTURER
BDD	=	BACK DRAFT DAMPER	MIN	=	MINIMUM
BLDG	=	BUILDING	MISC	=	MISCELLANEOUS
CLG	=	CEILING	N.A.	=	NOT APPLICABLE
CONSTR	=	CONSTRUCTION	NK	=	NECK SIZE
CONT	=	CONTINUOUS	NTS	=	NOT TO SCALE
CORR	=	CORRIDOR			
CV	=	CONVECTOR	OA	=	OUTSIDE AIR
(D)	=	DEMO	RM	=	ROOM
DET	=	DETAIL			
DIM	=	DIMENSION	SA	=	SUPPLY AIR
DN	=	DOWN	SAD	=	SUPPLY AIR DIFFUSER
DWG	=	DRAWING	SAG	=	SUPPLY AIR GRILLE
			SAR	=	SUPPLY AIR REGISTER
EA	=	EACH	SECT	=	SECTION
EAR	=	EXHAUST AIR REGISTER	SPEC	=	SPECIFICATION
EF	=	EXHAUST FAN	STD	=	STANDARD
ELEC	=	ELECTRIC			
ENGR	=	ENGINEER (ING)	TG	=	TRANSFER AIR GRILLE
EQ	=	EQUAL	TX	=	TOILET EXHAUST
EQUIP	=	EQUIPMENT	TYP	=	TYPICAL
(E)/EXIST	=	EXISTING			
			UH	=	UNIT HEATER
FAI	=	FRESH AIR INTAKE			
FC	=	FLEXIBLE CONNECTION	VD	=	VOLUME DAMPER
FD	=	FIRE DAMPER	VFD	=	VARIABLE FREQUENCY DRIVE
GA	=	GAUGE	VIF	=	VERIFY IN FIELD
GALV	=	GALVANIZED			
			W/	=	WITH
HVAC	=	HEAT/VENT/AIR COND	W/O	=	WITHOUT
			WT	=	WEIGHT
INSUL	=	INSULATION			

SYMBOLS

NOT TO SCALE

= RETURN AIR REGISTER (RAR) WITH NECK SIZE AND CFM INDICATED ON PLANS

= EXHAUST AIR REGISTER (EAR); GRAVITY RELIEF GRILLE (GRG) WITH NECK SIZE AND CFM INDICATED ON PLANS

= SUPPLY AIR WALL REGISTER/GRILLE (SAR) WITH NECK SIZE AND CFM INDICATED ON PLANS

= RETURN AIR WALL REGISTER (RAR) WITH NECK SIZE AND CFM INDICATED ON PLAN

= POINT OF CONNECTION OF NEW PIPING/DUCTWORK TO EXISTING

= POINT OF DISCONNECTION OF NEW PIPING/DUCTWORK TO EXISTING

W" X D" = INDICATES HARD DUCT WITH INTERNAL LINING (DIMENSIONS ARE INSIDE CLEAR WIDTH & DEPTH)

W" X D" = INDICATES HARD DUCT (DIMENSIONS ARE INSIDE CLEAR WIDTH & DEPTH)

Ø" = INDICATES FLEXIBLE DUCT (DIMENSIONS ARE INSIDE CLEAR DIAMETER; LENGTH NOT TO EXCEED FOUR (4) FEET)

= DUCT TURN UP (SUPPLY, RETURN, EXHAUST)

= DUCT TURN DOWN (SUPPLY, RETURN, EXHAUST)

FD/AD = FIRE DAMPER WITH ACCESS DOOR

VD = VOLUME DAMPER

BDD = BACK DRAFT DAMPER

M = MOTORIZED DAMPER

= INDICATES EXISTING TO BE REMOVED

NORTH = PROJECT NORTH

CLOSET 101 = ROOM NAME ROOM NUMBER

= REVISION

NUMBER B SHEET A-9 = ELEVATION

NUMBER B SHEET A-9 = SECTION/DETAIL

U = UNDERCUT DOOR (1/2 INCH)

L = LOUVER DOOR

H.V.A.C. GENERAL NOTES

1. PROCURE AND PAY ALL NECESSARY PERMITS AND LICENSES REQUIRED TO CARRY OUT THE WORK SHOWN. OBTAIN AND PAY FOR ALL FEES.
2. COMPLY WITH ALL FEDERAL, STATE AND MUNICIPAL LAWS AND CODES, ORDINANCES, RULES AND REGULATIONS OF HEALTH, PUBLIC OR OTHER AUTHORITIES CONTROLLING OR LIMITING THE METHODS, MATERIALS TO BE USED OR ACTIONS OF THOSE EMPLOYED.
3. GUARANTEE H.V.A.C. SYSTEMS FOR A PERIOD OF TWO YEARS FROM OWNER'S ACCEPTANCE TO BE FREE FROM DEFECTS AND REPAIR OR REPLACE, AT NO COST TO OWNER, FAILURES OR DEFECTS.
4. H.V.A.C. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL HIS DEBRIS.
5. BALANCE AIR SYSTEMS TO QUANTITIES INDICATED. CONTRACTOR TO SUBMIT SIX (6) SETS OF AIR AND UNIT BALANCING REPORT TO ARCH./ENGR./OWNER PRIOR TO FINAL ACCEPTANCE OF THE SYSTEM.
6. BIDDERS FOR THIS WORK SHALL VISIT THE PREMISES AND CAREFULLY EXAMINE ALL EXISTING CONDITIONS BEFORE SUBMITTING BIDS. NOT ALL EXISTING CONDITIONS HAVE BEEN IDENTIFIED ON DRAWINGS. CONTRACTOR SHALL NOTIFY ARCH. & ENGR. OF ALL DISCREPANCIES PRIOR TO SUBMITTING BID.
7. ALL BIDDERS SHALL ALSO FAMILIARIZE THEMSELVES WITH THE MEANS OF ENTRANCE AND EXIT AT THE PROPERTY AND ALL OTHER INFORMATION NECESSARY TO PROPERLY CARRY OUT THE WORK.
8. THE CONTRACTOR SHALL, WITH THE APPROVAL OF THE ENGINEER AND WITHOUT ADDITIONAL COST TO THE OWNER, MAKE ALL NECESSARY CHANGES OR MODIFICATIONS TO LOCATIONS AS MAY BE NECESSARY TO SUIT REQUIREMENTS AND CONDITIONS FOR THE PROPER AND CONVENIENTLY ACCESSIBLE LOCATIONS OF ALL PARTS OF EACH SYSTEM.
9. SMALL DETAILS ARE NOT USUALLY SHOWN OR SPECIFIED BUT ALL MATERIALS & COMPONENTS NECESSARY FOR THE PROPER INSTALLATION AND OPERATION OR WORK SHALL BE FURNISHED AND INSTALLED AT NO ADDITIONAL COST.
10. THE CONTRACTOR SHALL NOTE THAT ALL SERVICE CONNECTIONS MAY NOT BE SHOWN IN TRUE POSITIONS. EACH BIDDER IS CAUTIONED, THEREFORE, TO VERIFY SAME WITH FIELD CONDITIONS.
11. CONTRACTOR SHALL CHECK FOR INTERFERENCE AND VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OR INSTALLATION OF DUCTWORK.
12. IF AN ITEM OF EQUIPMENT OTHER THAN THE ITEM(S) SPECIFIED IS APPROVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ADDITIONAL COST ARISING OUT OF ADDITIONAL OR CHANGED GENERAL CONSTRUCTION AND MECHANICAL WORK REQUIRED TO ACCOMMODATE THE SUBSTITUTED EQUIPMENT.
13. ALL EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS DIRECTIONS AND RECOMMENDATIONS.
14. PROVIDE TWO YEAR MAINTENANCE SERVICE FOR ALL INSTALLED HV/HVAC/MECHANICAL SYSTEMS. THIS INCLUDES A MINIMUM OF THREE PERIODIC SERVICE VISITS TO INSPECT, TEST & CHECK ALL COMPONENTS OF HVAC/HV UNITS AND ANY ADDITIONAL VISITS REQUIRED IF ANY HVAC/HV UNIT FAILS. ALL NECESSARY BELT ALIGNMENTS, PROPER OPERATIONS OF ALL DAMPERS, ETC IS INCLUDED IN THIS SCOPE OF WORK.
15. PROVIDE FIRE DAMPERS/ACCESS DOORS AT ALL DUCT PENETRATIONS THROUGH CORRIDORS, SLABS AND OTHER RATED PARTITIONS, IRRESPECTIVE OF WHETHER IT IS INDICATED ON THE DRAWINGS OR NOT.
16. PROVIDE FIRE STOPPING AROUND ALL OPENINGS FOR DUCT, PIPING, CONDUIT, ETC. PENETRATIONS THROUGH CORRIDORS, SLABS AND OTHER RATED PARTITIONS.
17. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND RESTORATION OF AREAS OF MECHANICAL REMOVALS.
18. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONTAINER SERVICES AND LABOR TO KEEP THE BUILDING FREE OF DEBRIS.
19. CONTRACTOR TO THOROUGHLY CLEAN ALL EXISTING EXHAUST DUCTWORK WHICH IS TO REMAIN. PROVIDE SIX (6) COPIES OF REPORT INCLUDING COLOR PHOTOS INDICATING DUCTWORK CONDITION BEFORE & AFTER CLEANING.
20. PROVIDE NEW VOLUME DAMPERS IN EXISTING DUCTWORK (SUPPLY/RETURN/EXHAUST) WHICH IS TO BE REUSED WHERE THERE ARE NO EXISTING VOLUME DAMPERS (TYPICAL FOR ALL).
21. CONTRACTOR TO NOTE THAT BOTH DWGS. & SPECS. ARE COLLECTIVELY A PART OF BID REQUIREMENTS. IN CASE OF ANY DIFFERENCES BETWEEN VARIOUS DWGS. OR BETWEEN DWGS. & SPECS, THE MOST STRINGENT REQUIREMENT WILL PREVAIL.
22. CONTRACTOR TO SUBMIT SIX (6) SETS OF OPERATION & MAINTENANCE MANUALS, INCLUDING A SUMMARY SHEET OF ALL EQUIPMENT MFRS/MODEL #/SERIAL #'S, SHOP DRAWING SUBMITTALS, WARRANTY INFORMATION, O&M MANUALS, PROJECT INFORMATION, CONTACT DETAILS & AS-BUILT DRAWINGS.
23. CONTRACTOR TO PROVIDE SIX (6) SETS AND AN ELECTRONIC COPY OF AS-BUILT DRAWINGS OF THE ENTIRE SYSTEM.
24. PROVIDE PROPER IDENTIFICATION TAGS, ARROWS, AND LABELS FOR ALL EQUIPMENT INCLUDING EXHAUST FANS.
25. CONTRACTOR TO PROVIDE A MINIMUM OF TWO (2) TRAINING SESSIONS (TWO HOURS EACH) THAT ARE TO BE VIDEOTAPED FOR THE OWNERS USE, TO OWNER'S MAINTENANCE STAFF ON PROPER OPERATION, MAINTENANCE & COMMON TROUBLE-SHOOTING GUIDELINES.

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE NEW JERSEY STATE ENERGY CODE, INTERNATIONAL MECHANICAL CODE, ASHRAE GUIDELINES, SMACNA, CAMDEN COUNTY GUIDELINES, NEC, NATIONAL STANDARD PLUMBING CODE, AND ALL OTHER APPLICABLE CODES, ORDINANCES, ETC. FOR NEW JERSEY STATE AND THE LOCAL AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING HIMSELF WITH THE EXISTING CONDITIONS AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS AND COMMENCING WORK, AND INCLUDE ALL SUCH NECESSARY WORK BASED ON THIS SITE FAMILIARIZATION IN THIS BID.
3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFE WORKING CONDITIONS AND SHALL OBSERVE ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND THE OWNER. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENT SHALL APPLY. CARE SHALL BE EXERCISED TO AVOID ENDANGERING PERSONNEL OR STRUCTURES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEAN & METHODS, PROCEDURES AND JOB SITE CONDITIONS INCLUDING SAFETY. CONSTRUCTION SHALL BE PERFORMED IN SUCH A MANNER TO PROTECT WORKMEN, OCCUPANTS AND THE PUBLIC FROM INJURY AND ADJOINING PROPERTY SHALL BE PROTECTED FROM DAMAGE BY USE OF SCAFFOLDING, UNDERPINNING OR OTHER APPROVED METHOD. THE CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE CAUSED DURING OR RESULTING FROM HIS OPERATIONS IN KIND TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A CLEAN, DEBRIS FREE CONDITION. THE DUST RESULTING FROM REMOVALS SHALL BE CONTROLLED SO AS TO PREVENT ITS SPREAD TO OCCUPIED PORTIONS OF THE BUILDING AND TO AVOID CREATION OF A NUISANCE IN THE SURROUNDING AREA.
6. CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS, FEES, APPROVALS, ETC. PRIOR TO COMMENCING WORK AND SHALL SECURE CERTIFICATE OF OCCUPANCY UPON COMPLETION OF WORK.
7. CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OFF SITE IN AN APPROVED MANNER. THE OWNER SHALL BE CONSULTED PRIOR TO DISPOSAL OF ANY SALVAGED OR EXCESS MATERIALS AT THE COMPLETION OF THE PROJECT.
8. UPON COMPLETION OF WORK, ALL EXCESS MATERIAL, DEBRIS, ETC. SHALL BE REMOVED AND THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION.
9. ALL WORK SHALL BE SCHEDULED IN COMPLIANCE WITH THE OWNER'S REQUIREMENTS FOR THE USE OF THE EXISTING FACILITY.
10. CONTRACTOR SHALL FURNISH ALL EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER, AND AS NECESSARY FOR A PROPER OPERATIONAL SYSTEM.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION AND TEMPORARY SUPPORT OF ANY UTILITIES ENCOUNTERED DURING THE COURSE OF HIS WORK AND TO ENSURE THE OWNER'S FACILITY TO BE OPERATIONAL.
12. CONTRACTOR SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES AND ADDRESS ALL QUESTIONS TO ARCHITECT/ENGINEER PRIOR TO COMMENCING WORK.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, PATCHING, FILLING AND CLEANING UPON COMPLETION OF WORK.
14. CONTRACTOR SHALL NOT SCALE DRAWINGS FOR DIMENSIONS. ALL WRITTEN OR DIMENSIONED INFORMATION TAKES PRECEDENCE OVER THE DRAWING.
15. CONTRACTOR SHALL SUBMIT, WHERE REQUIRED BY THE ARCH/ENGR, SHOP DRAWINGS AND SUBMITTALS FOR APPROVAL PRIOR TO THE START OF FABRICATION OF THOSE ITEMS. THIS INCLUDES ALL EQUIPMENT, SCHEMATIC DUCTWORK LAYOUT, ETC. CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL EQUIPMENT ETC WILL FIT (WITH PROPER MAINTENANCE CLEARANCES) AT ALL LOCATIONS. REVIEW OF SHOP DRAWINGS/SUBMITTALS BY THE ARCH/ENGR DOES NOT RELIEVE THE CONTRACTOR FROM PROVIDING THE CURRENT MODEL NUMBERS, TYPE, & FEATURES OF ALL EQUIPMENT'S & MATERIALS.
16. CONTRACTOR SHALL PROVIDE THE OWNER AND ARCHITECT WITH CERTIFICATES OF INSURANCE PRIOR TO STARTING THE WORK.
17. CONTRACTOR SHALL SHALL BE RESPONSIBLE FOR SHORING AND BRACING OF EXISTING STRUCTURES AS NEEDED TO COMPLETE THE NEW WORK.
18. ALL MANUFACTURER'S MATERIALS, COMPONENTS, FASTENERS, ASSEMBLIES, ETC. SHALL BE HANDLED AND INSTALLED IN ACCORDANCE TO WITH MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS. WHERE BRAND NAMES AND MANUFACTURED PRODUCTS ARE CALLED FOR, APPROVED EQUALS WHICH MEET APPLICABLE STANDARDS AND SPECIFICATIONS MAY BE SUBSTITUTED WITH WRITTEN PERMISSION OF THE ARCHITECT AND THE OWNER. WHENEVER BRAND NAMES OR SPECIFIC PRODUCT SYSTEMS ARE INDICATED IT SHALL BE CLEARLY UNDERSTOOD THAT SUCH IDENTIFICATION IS FOR THE PURPOSE OF ILLUSTRATING THE TYPE OF PRODUCT AND DEGREE OF QUALITY DESIRED. SUCH IDENTIFICATION IN NO WAY PRECLUDES THE CONTRACTOR FROM USING PRODUCTS OF OTHER MANUFACTURERS WHICH CAN BE SHOWN IN ADVANCE TO BE OF LIKE AND OF EQUAL OR BETTER QUALITY.
19. ALL CHANGES SHALL BE REQUESTED IN WRITING AND MAY ONLY BE APPROVED IN WRITING BY THE ARCHITECT/ENGINEER AND THE OWNER PRIOR TO ANY CHANGES BEING MADE.
20. THE ARCHITECT HAS THE RIGHT TO REJECT ANY PORTION OF WORK THAT IS POORLY INSTALLED, DOES NOT MEET INDUSTRY STANDARD, UNAUTHORIZED, OR WORK DONE CONTRARY TO THE THE INTENT OF THE CONTRACT DOCUMENTS. SUCH WORK SHALL BE REPLACED, REPAIRED OR REMOVED AT THE CONTRACTOR'S EXPENSE.
21. CONTRACTOR SHALL GUARANTEE ALL HIS WORK AND THE WORK OF HIS SUBCONTRACTORS FOR A PERIOD TWO (2) YEARS AFTER RECEIVING FINAL ACCEPTANCE AND DO ALL REPAIR WORK AND REPLACEMENT AS NECESSARY DURING THAT PERIOD AT THE CONTRACTOR'S EXPENSE.
22. IN NO EVENT SHALL STRUCTURAL MEMBERS BE CUT OR DRILLED WITHOUT THE WRITTEN APPROVAL OF A LICENSED STRUCTURAL ENGINEER.
23. CONTRACTOR SHALL PROVIDE SAFE AND SANITARY CONDITIONS WHERE DEMOLITION AND WRECKING OPERATIONS ARE BEING CARRIED ON. WORK SHALL BE EXECUTED IN SUCH A MANNER THAT HAZARD FROM FIRE, POSSIBILITY OF INJURY, DANGER TO HEALTH AND CONDITIONS WHICH MAY CONSTITUTE A PUBLIC NUISANCE SHALL BE MINIMIZED.
24. ENGINEER/OWNER MAY ASK THE CONTRACTOR TO PROVIDE DETAILED SHOP DRAWINGS & SUBMITTALS OF ANY/ALL PARTS OF THIS PROJECT WHICH THE ENGINEER/OWNER DEEMS NECESSARY FOR.

H.V.A.C. MATERIALS

EQUIPMENT:

- REFER TO SCHEDULES FOR UNIT MANUFACTURER, SIZE, AND CAPACITY DATA.

DUCTWORK:

- INDOOR SUPPLY, RETURN AND EXHAUST DUCTWORK, EXCEPT AS INDICATED BELOW, SHALL BE GALVANIZED STEEL CONSTRUCTION. WEIGHTS AND CONSTRUCTION DETAIL SHALL BE IN ACCORDANCE WITH THE LATEST ASHRAE GUIDE AND/OR SMACNA STANDARDS.
- FLEXIBLE DUCTWORK: SHALL NOT EXCEED FOUR (4) FEET IN LENGTH. FOR ANY HORIZONTAL FLEX DUCT BRANCH TO A CEILING DIFFUSER, FURNISH A 90° BRACE TO MAINTAIN A LONG RADIUS ELBOW TO THE DIFFUSER ("TITUS" MAKE, MODEL "FLEXRIGHT").
- FIRE DAMPER: GREENHECK MAKE, MODEL FD-150 TYPE B (BLADES OUT OF AIRSTREAM), 1-1/2 HOUR RATED (UNLESS OTHERWISE NOTED) UL-555 LABELED DAMPER WITH STANDARD FRAME OR APPROVED EQUAL. PROVIDE WITH A RETAINING ANGLE AND AN ACCESS DOOR.

AIR DEVICES:

- SAD - TITUS MAKE, MODEL OMNI-AA
- SAR - TITUS MAKE, MODEL 300-RL
- EAR - TITUS MAKE, MODEL 350-RL
- NOTES:
  1. ALL CEILING DIFFUSERS LOCATED IN ACOUSTIC CEILING GRID SHALL BE PROVIDED WITH FRAME TYPE FOR GRID MOUNTING. IF THE TILE IS SMALLER THAN TILE SIZE, THE DIFFUSER SHALL BE PROVIDED WITH FRAME TYPE FOR CEILING TYPE.
  2. ALL CEILING DIFFUSERS LOCATED IN GYPSUM BOARD AND/OR CONCEALED SPLINE CEILINGS SHALL BE PROVIDED WITH FRAME TYPE FOR SURFACE MOUNTING
  3. PROVIDE FACTORY INSTALLED 90° BLANK-OFF PLATE(S) IN ALL 2 AND 3 WAY DIFFUSERS.
  4. COLOR OF AIR OUTLETS/INLETS SHALL MATCH THE CEILING COLOR.
  5. ALL AIR OUTLETS/INLETS TOILETS, CORRIDORS, AND KITCHEN SHALL BE ALUMINUM CONSTRUCTION

ACCESS DOORS

- FURNISH AND INSTALL ACCESS DOORS AT ALL LOCATIONS WHERE VALVES, DAMPERS, CONTROLS, VENTS, DRAINS, ETC. ARE TO BE INSTALLED ABOVE OR BEHIND ANY INACCESSIBLE SURFACE (GYPSUM BOARD, CMU, ETC.), IRRESPECTIVE OF WHETHER THEY ARE INDICATED ON ALL DRAWINGS OR NOT. ACCESS DOORS SHALL BE A SUITABLE SIZE TO MAINTAIN, OPERATE, REPAIR, AND REPLACE ALL EQUIPMENT. ACCESS DOORS SHALL BE FACTORY PRIMED AND PAINTED TO MATCH THE SURFACE IN WHICH THEY ARE INSTALLED.

GENERAL CONSTRUCTION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR THE CUTTING OF ALL WALLS, FLOORS, CEILING ETC. FOR ALL DUCT PENETRATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING HOLES IN ROOF FOR EQUIPMENT AND DUCTWORK AND PROVIDING ROOF/FLOOR/WALL STRUCTURAL SUPPORT. GENERAL CONTRACTOR SHALL PROVIDE BLOCKING, ROOFING, DUNNAGE.
2. CONTRACTOR TO REFER TO MECHANICAL DRAWINGS FOR PAINTING OF DUCTWORK, FURNISHING AND INSTALLING ACCESS PANELS, CUTOUT LOCATIONS, ETC.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING & RELOCATING EXISTING ELECTRICAL, FIRE ALARM & COMMUNICATION DEVICES TO ACCOMMODATE THE INSTALLATION OF NEW UNITS & DUCTWORK. CHECK IN FIELD.
4. CONTRACTOR SHALL REMOVE EXISTING CEILING TILES AND CEILING GRID TO ACCOMMODATE THE INSTALLATION OF NEW UNITS & DUCTWORK. RE-INSTALL ALL CEILING TILES BACK TO MATCH EXISTING. REMOVE & REPLACE ALL DAMAGED TILES & CEILING GRID. CHECK IN FIELD.
5. CONTRACTOR SHALL PROVIDE ROOFING PATCH WORK AND TIE-IN FOR ALL NEW MECHANICAL AND ELECTRICAL EQUIPMENT AND CONDUIT THAT PENETRATES THE EXISTING ROOF.
6. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE EXTENT AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS OR COMMENCING WORK.
7. CONTRACTORS SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO COMMENCING WORK. THE CONTRACTORS SHALL REPORT ANY DISCREPANCIES, AND ADDRESS ALL QUESTIONS TO ARCHITECT/ENGINEER PRIOR TO COMMENCING WORK.
8. THE CONTRACTORS SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS, FEES, AND INSPECTIONS PRIOR TO COMMENCING WORK. UPON COMPLETION OF WORK THE CONTRACTOR SHALL SECURE CERTIFICATE OF OCCUPANCY.
9. CONTRACTORS SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OF SITE IN AN APPROVED MANNER.
10. DOWN-TIME FOR THE TIE-IN OR SWITCHOVER SHALL BE KEPT TO A MINIMUM. COORDINATE SCHEDULE WITH THE OWNER.

State Project #: 1900-050-22-1000

NJ Certificate of Authorization

Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	TW
Drawn	AK

THOMAS WIGHARD, P.E.
License No. NJ24GD04901100
The PROFESSIONAL ENGINEER

Revisions:

Set Issue:
12-14-2022
ISSUED FOR BID

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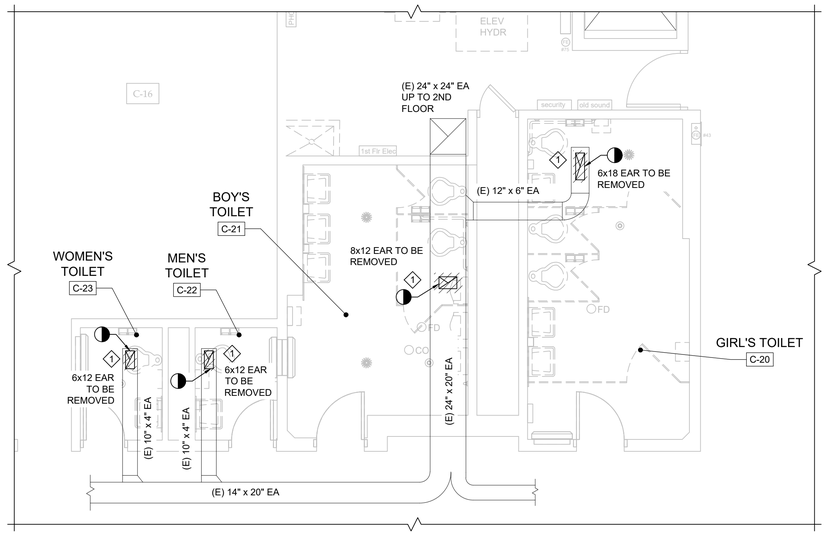
MECH NOTES, SYMBOLS, ABBREVIATIONS

TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

Job No. 20277.14

File No. 20277.14.3M20

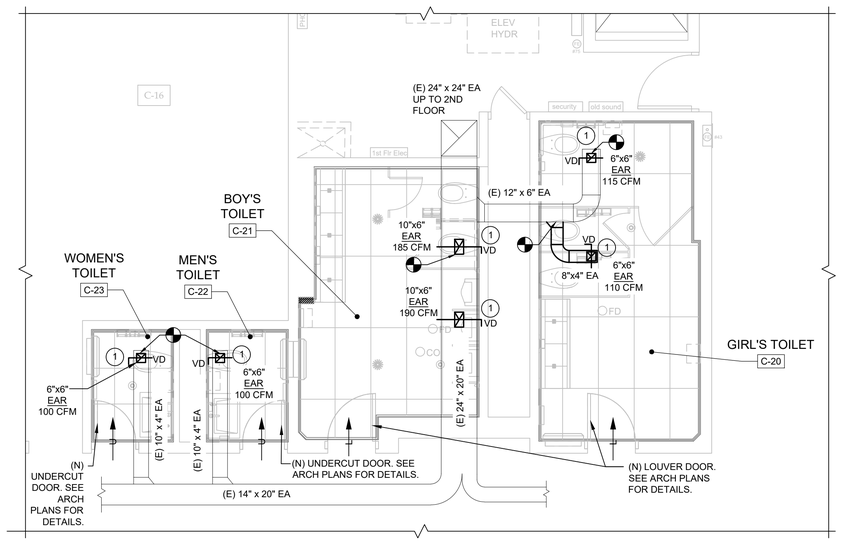
M0.01



1 BOY'S C-21, GIRL'S C-20, MEN'S C-22, WOMEN'S C-23

1/4" = 1'-0"

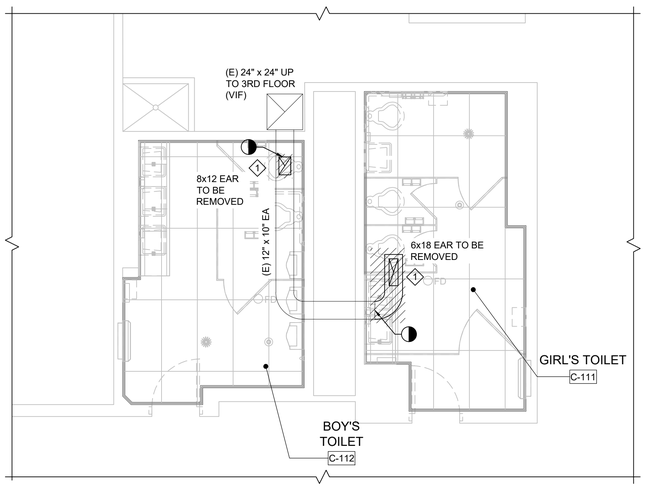
DEMOLITION PLAN



2 BOY'S C-21, GIRL'S C-20, MEN'S C-22, WOMEN'S C-23

1/4" = 1'-0"

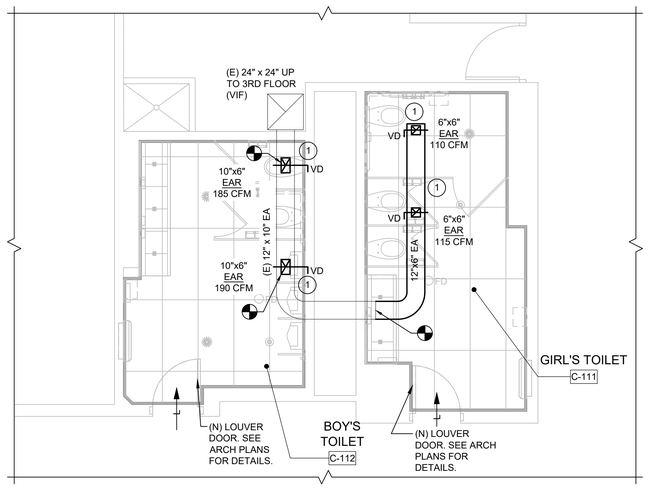
PROPOSED PLAN



3 BOY'S TOILET C-112 & GIRL'S TOILET C-111

1/4" = 1'-0"

DEMOLITION PLAN



4 BOY'S TOILET C-112 & GIRL'S TOILET C-111

1/4" = 1'-0"

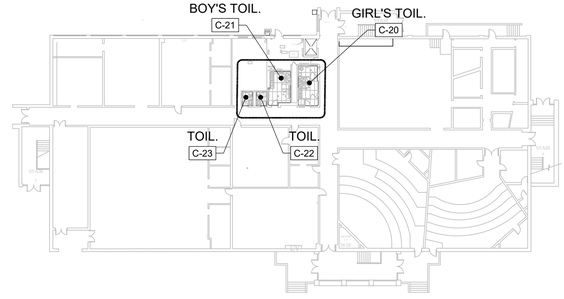
PROPOSED PLAN

DEMOLITION NOTES:

1 DISCONNECT & REMOVE EAR COMPLETE WITH ANY DUCT ABOVE CEILING TO THE EXTENT SHOWN ON THE PLANS. VERIFY EXISTING CONNECTION LOCATION AND SIZE IN FIELD. PREPARE EXISTING DUCT TO INCORPORATE SCOPE OF WORK. CAP AND PATCH DUCT TO BE AIR TIGHT IF THERE IS NO NEW CONNECTION.

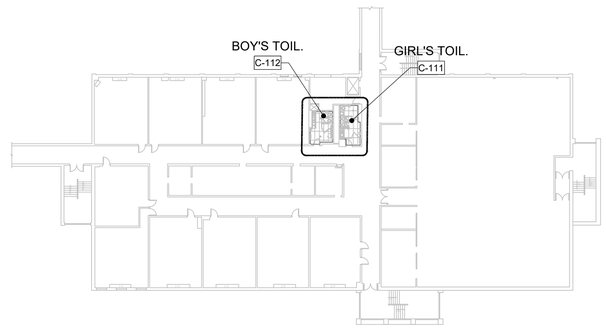
PROPOSED NOTES:

1 INSTALL NEW EAR COMPLETE WITH DUCTWORK ABOVE CEILING AS SHOWN ON THE DRAWINGS. SIZE INDICATED ON DRAWINGS. COORDINATE EAR WITH PROPOSED REFLECTED CEILING PLAN.



KEY PLAN - 1ST FLOOR C -WING

1/4" = 1'-0"



KEY PLAN - 2ND FLOOR C -WING

1/4" = 1'-0"

State Project #: 1900-050-22-1000

NJ Certificate of Authorization

Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	TW
Drawn	AK

THOMAS WIGHARD, P.E.
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License No. NJ24GD04901100

Revisions:

Set Issue:
12-14-2022
ISSUED FOR BID

LAN ASSOCIATES
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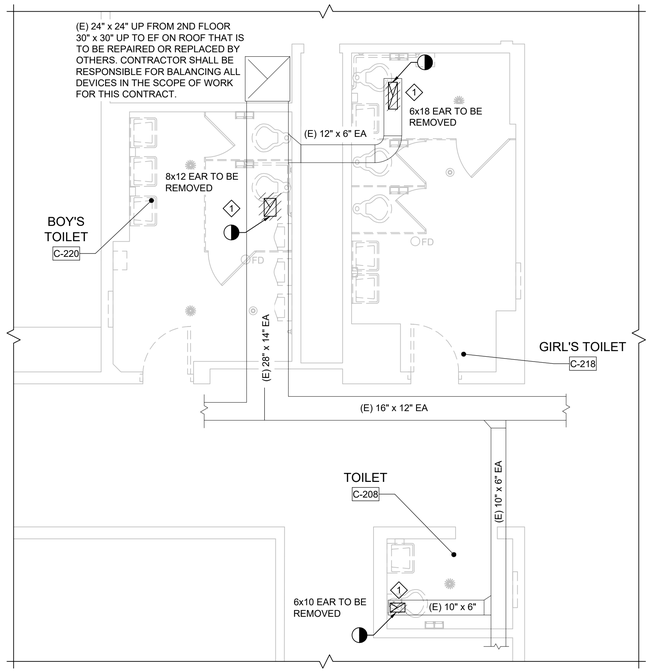
1ST & 2ND FLOOR C-WING MECH PLANS

TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

Job No. 20277.14

File No. 20277.14.3M20

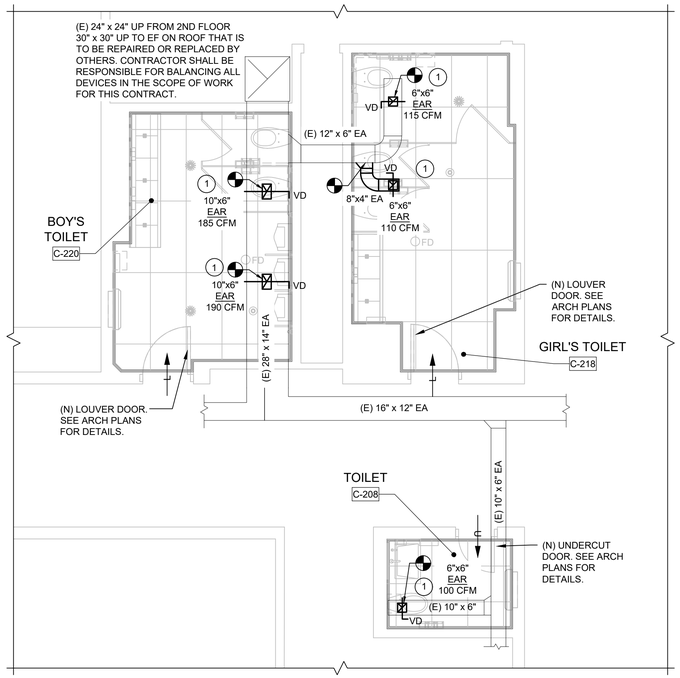
M2.01



1 BOY'S TOILET C-220 & GIRL'S TOILET C-218, TOILET C-208

1/4" = 1'-0"

DEMOLITION PLAN



2 BOY'S TOILET C-220 & GIRL'S TOILET C-218, TOILET C-208

1/4" = 1'-0"

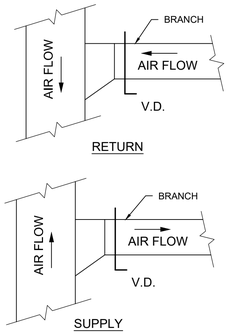
PROPOSED PLAN

DEMOLITION NOTES:

1. DISCONNECT & REMOVE EAR COMPLETE WITH ANY DUCT ABOVE CEILING TO THE EXTENT SHOWN ON THE PLANS. VERIFY EXISTING CONNECTION LOCATION AND SIZE IN FIELD. PREPARE EXISTING DUCT TO INCORPORATE SCOPE OF WORK. CAP AND PATCH DUCT TO BE AIR TIGHT IF THERE IS NO NEW CONNECTION.

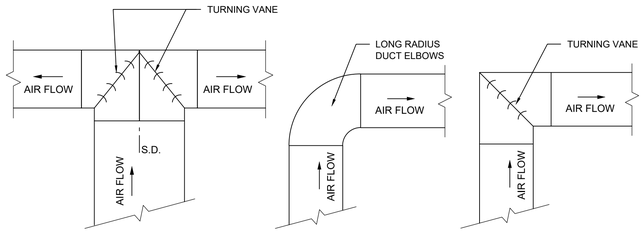
PROPOSED NOTES:

1. INSTALL NEW EAR COMPLETE WITH DUCTWORK ABOVE CEILING AS SHOWN ON THE DRAWINGS. SIZE INDICATED ON DRAWINGS. COORDINATE EAR WITH PROPOSED REFLECTED CEILING PLAN.



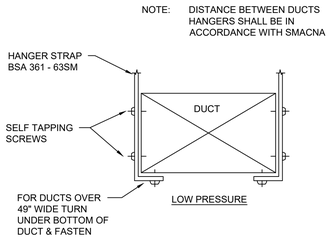
3 DUCT / DIFFUSER TAKE-OFF DETAIL

N.T.S.



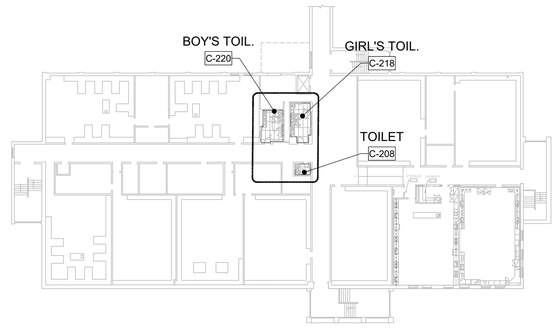
4 DUCT TURN DETAIL

N.T.S.



5 DUCT SUPPORT DETAIL

N.T.S.



KEY PLAN - 3RD FLOOR C -WING

1/4" = 1'-0"

State Project #: 1900-050-22-1000

NJ Certificate of Authorization

Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
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Revisions:

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3RD FLOOR C-WING MECH PLANS
TOILET ROOM RENOVATIONS at
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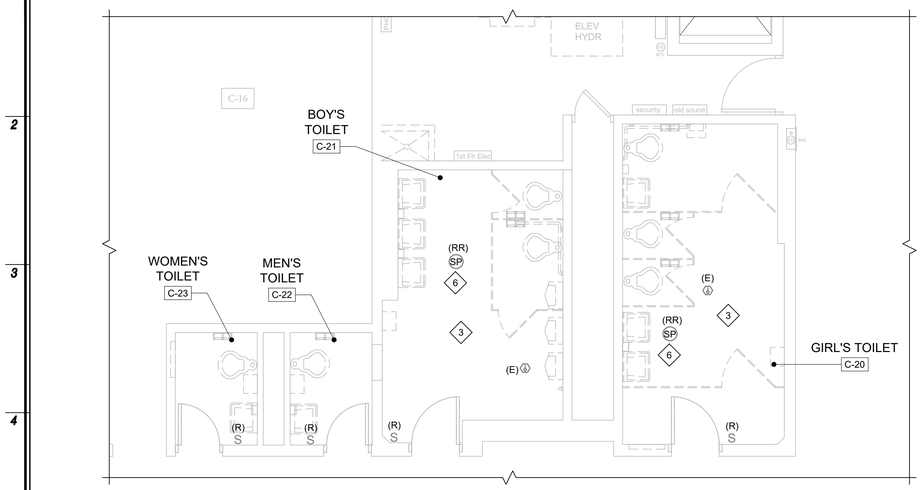
HADDONFIELD NJ, 08033

Job No. 20277.14

File No. 20277.14.3M20

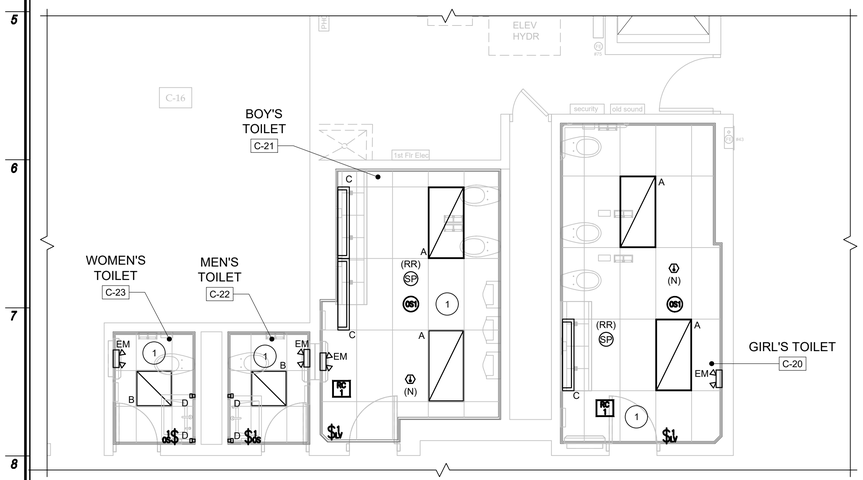
M2.02



1 ELECTRICAL DEMOLITION PLAN

1/4" = 1'-0"

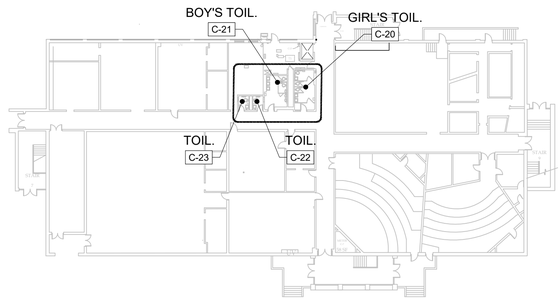
BOY'S C-21, GIRL'S C-20, MEN'S C-22, WOMEN'S C-23



2 ELECTRICAL PROPOSED PLAN

1/4" = 1'-0"

BOY'S C-21, GIRL'S C-20, MEN'S C-22, WOMEN'S C-23



3 1ST FLOOR C - WING

1/4" = 1'-0"

LIGHTING CONTROL NOTES

1. All sensor locations are approximate. Refer to the Manufacture's installation instructions prior to installation.
2. If any questions arise regarding sensor placement, contact SLS Lighting and Controls prior to installation to schedule a field visit.
3. Ceiling mounted sensors require to be located no closer than 6-8' from air supply/return registers.
4. Maximum number of sensors that can be wired in parallel to a single room controller or power pack, depends on sensor model (see individual sheets for mA consumption).
5. Contractor is responsible for field verification of required number of power packs (if apply).
6. One power pack is required for each circuit that is to be controlled.
7. Power packs and/or DLM Room Controllers are shown for zoning purposes only. Contractor is responsible for determining actual location and circuiting to an accessible location.
8. Power packs (if apply) should be mounted at least 6-12 inches from any sensor.
9. Turn off any power at the circuit breaker before wiring any product.
10. Free-topology DLM local network segments may include digital load controllers, switches and sensors; Cat 5e cable, 150' per device to 1,000' max, per each local network.

LIGHTING CONTROL LEGEND LEGRAND WATTSTOPPER

	LMRC-211	120/277 VAC	1-Relay On/Off 0-10V Dimming Room Controller
OS1	LMDC-100	24VDC, 20mA	Dual Technology Ceiling Sensor
$1	LMSW-101	24VDC, 5mA	1-button Digital Wall Switch
$1s	PW-301	120/277 VAC	1-Button PIR On/Off Switch Occ Sensor

LIGHTING CONTROL DESIGN BASED ON ASHRAE 90.1-2016

STAND ALONE ROOM - SEQUENCE OF OPERATION

MULTI-STALL (BOY'S & GIRL'S) TOILET ROOMS.
Auto-on/auto-off operation through ceiling sensor, room controller. Digital switch for local control. Use LMCT-100 Configuration Tool to program digital switch for auto-on operation.

GENERAL NOTES

All occupancy/vacancy sensors shall turn off respective lighting fixtures 20 min after vacancy.

Local override control shall have a maximum override of no more than two hours per activation during scheduled off periods.

EMERGENCY NOTES

All emergency lighting fixtures shall not be interrconnected with lighting control devices.

Device Legend

SYMBOL	DESCRIPTION
(E)	**EXISTING DUPLEX RECEPTACLE (WALL) -** EXISTING WALL MOUNTED RECEPTACLE TO REMAIN.
(R) S	**EXISTING LIGHT SWITCH** - EXISTING TOGGLE SWITCH TO BE REMOVED. BACK BOX AND CONDUIT MAY BE RE-USED IF IN GOOD CONDITION.
(E) A1	**EXISTING HEAT DETECTOR -** EXISTING HEAT DETECTOR TO REMAIN.
(N) A1	**NEW HEAT DETECTOR -** NEW HEAT DETECTOR. CONTACT JAMES SHIELDS AT ADT PRIOR TO ADDING NEW DEVICES TO CURRENT FIRE ALARM CONTROL PANEL.
(E) SP	**EXISTING FLUSH MOUNTED CEILING SPEAKER -** REMOUNT AND RECONNECT EXISTING CEILING SPEAKER INTO NEW CEILING
(RR) SP	**FLUSH MOUNTED CEILING SPEAKER - FOR NEW SPEAKERS PROVIDE MANUFACTURER'S SPECIFIED WIRE TYPE**
(E) PPB	**EXISTING 120/208V OR 120/240V PANELBOARD** - REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION. WHEN SHOWN, DASHED LINES W/ HATCH INDICATE REQUIRED CLEARANCE.

DEVICE ABBREVIATIONS & DESIGNATIONS

ABBR.	DEFINITION
C	**CONDUIT** - NEC COMPLIANT CONDUIT OR RACEWAY FOR CONDUCTORS.
CLG	**CEILING MOUNTED** - DEVICE MOUNTED AT CEILING LEVEL. COORDINATE WITH CEILING TYPE.
CV	**CONVECTOR** - CONVECTION HEATER
EF	**EXHAUST FAN** - ELECTRICAL MOTOR FAN FOR EXHAUST
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TAG LEGEND

(R) EXISTING TO BE DISCONNECTED & REMOVED
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(RR) EXISTING TO BE DISCONNECTED, RELOCATED, & RECONNECTED
(E) EXISTING TO REMAIN
(N) NEW

LUMINAIRE SCHEDULE

SYMBOL/TYPE	MANUF.	MODEL	DESCRIPTION	VOLTAGE	WATT
A	DAY-BRITE CFI - SIGNIFY	2FGX-G-38L-835-4-RS-UNV-DIM	2' x 4' LED LUMINAIRE - GRID LAY-IN	120-277V	27W
B	DAY-BRITE CFI - SIGNIFY	2FGX-G-38L-835-2-RS-UNV-DIM	2' x 2' LED LUMINAIRE - GRID LAY-IN	120-277V	28W
C	FOCAL POINT	FSM4LP-FL-375LF-35K-1C-UNV-LD1-G1-WH-4'	4" x 4' FLUSH MOUNT LED - LINEAR SEEM	120-277V	14W
D	VISA LIGHTING	CB5524-L30K-MVOLT-PTD-DCC	13" LINEAR LED WALL SCONCE	120-277V	11W
EM	CHLORIDE - SIGNIFY	VLLU2	EMERGENCY BATTERY UNIT	120-277V	2W

LUMINAIRE SCHEDULE NOTES:

1. CONFIRM ALL COLOR TEMPERATURES, LENS, REFLECTORS, DIFFUSERS, TRIMS, FINISHES, AND PAINT COLOR WITH ARCHITECT/OWNER PRIOR TO BID/INSTALLATION.
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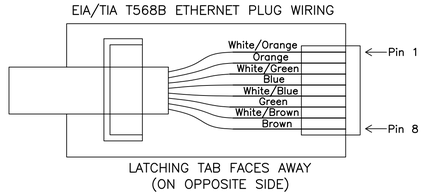
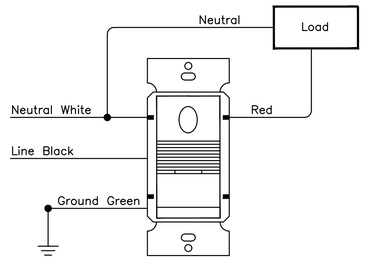


4 CAT5E WIRING DIAGRAM

N.T.S.



5 TYPICAL PW-101 WIRING DIAGRAM

N.T.S.

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2. CONTRACTOR SHALL TAKE READING ON ANY PANEL PRIOR TO ADDING ADDITIONAL LOADS. REPORT FINDINGS TO THE ENGINEER.
3. RE-LABEL PANEL DIRECTORY DESCRIPTION SHEET AS REQUIRED.
4. ALL NEW WIRING/CONDUIT TO BE CONCEALED.
5. ALL FIRE ALARM DEVICES SHALL REMAIN UNLESS NOTED OTHERWISE; PROTECT DEVICES DURING CONSTRUCTION. COORDINATE ALL FIRE ALARM REQUIRED WORK WITH FIRE ALARM VENDOR PRIOR TO WORKING ON THE FIRE ALARM SYSTEM AND/OR MOVING CEILING MOUNTED DEVICES. CONTACT JAMES SHIELDS AT ADT COMMERCIAL VIA PHONE NUMBER 856-912-1768.
6. ALL EMERGENCY LOCK-DOWN ALARM AND SPEAKER SYSTEMS TO REMAIN; PROTECT DEVICES DURING CONSTRUCTION.

Demolition Electrical Key Notes

(#) SYMBOL INDICATES DEMOLITION KEY NOTE

1. EXISTING EXHAUST FAN TO REMAIN. CIRCUIT SERVING FAN TO BE PRESERVED AND PROTECTED DURING DEMOLITION.
2. EXISTING CONVECTORS TO REMAIN.
3. DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES AND CONTROLS. REMOVE WIRING BACK TO SOURCE. CONTRACTOR MAY REUSE CONDUIT WHERE APPLICABLE. SAFE-OFF EXISTING CIRCUIT AND PREPARE TO BE RECONNECTED TO NEW AREA LIGHTING.
4. EXISTING HEAT DETECTOR MOUNTED IN HARD CEILING TO REMAIN. EXISTING HEAT DETECTOR IN SUSPENDED CEILING TO BE RELOCATED TO NEW SUSPENDED CEILING IN SAME APPROXIMATE LOCATION.
5. EXISTING WALL MOUNTED SPEAKER TO BE REPLACED WITH A FLUSH MOUNTED CEILING SPEAKER IN NEW SUSPENDED CEILING. VERIFY EXISTING WIRING CAN BE RE-ROUTED AND WILL WORK WITH NEW CEILING SPEAKER. IF EXISTING WIRING NOT COMPATIBLE, PROVIDE MANUFACTURER'S RECOMMENDED WIRING AND RUN BACK TO HEAD UNIT. VERIFY LOCATION OF HEAD UNIT IN FIELD.
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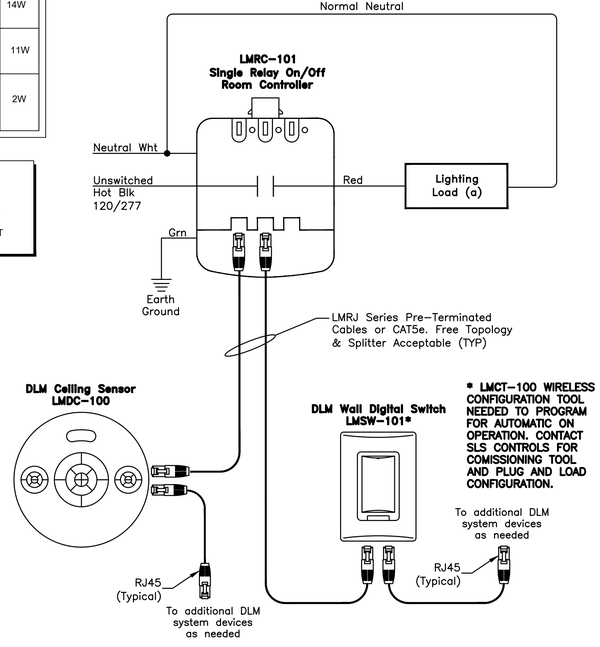


TYPICAL LMRC-101 WIRING DIAGRAM FOR CEILING SENSOR

6 N.T.S.

NJ Certificate of Authorization

Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	JC
Drawn	MP

THOMAS WIGHARD, P.E. — The PROFESSIONAL ENGINEER — License No. NJ24GD04901100

Revisions:

Set Issue:
12-14-2022
ISSUED FOR BID

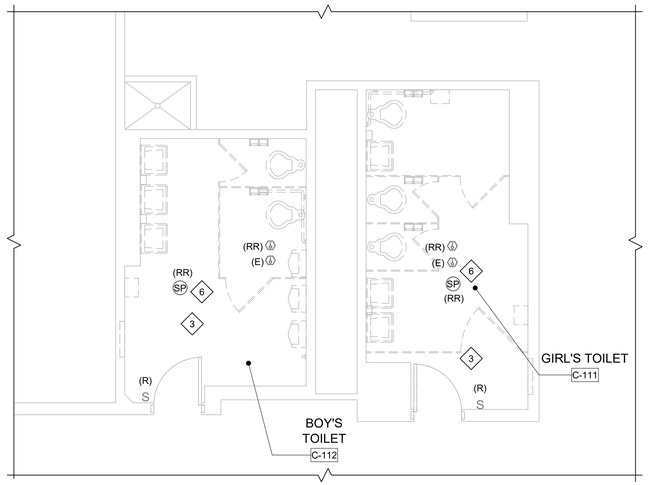
LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

1ST FLOOR C-WING ELECTRICAL PLANS
TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

Job No. 20277.14
File No. 20277.14HMHS_E

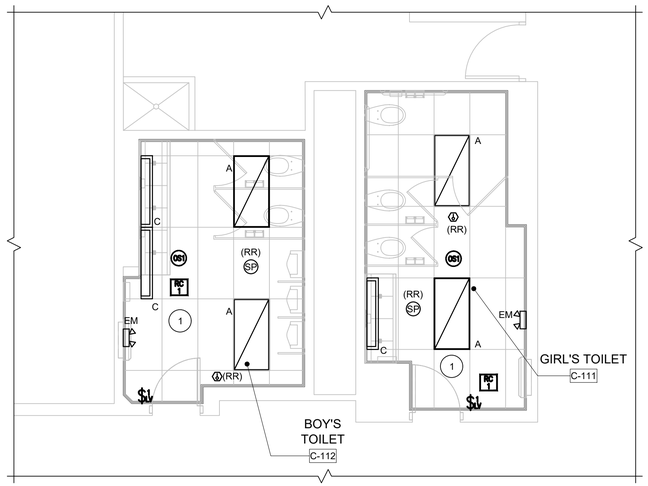
State Project #: 1900-050-22-1000

E2.01



1 ELECTRICAL DEMOLITION PLAN

1/4" = 1'-0" — GIRL'S TOILET C-111 & BOY'S TOILET C-112



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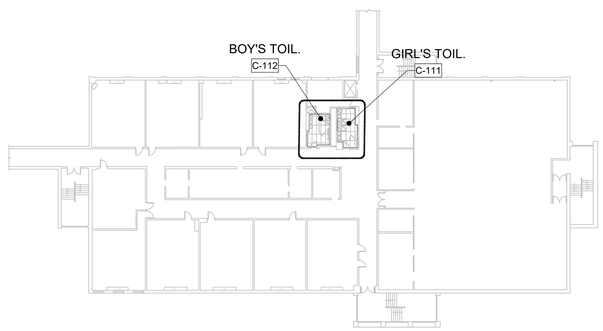

3 2ND FLOOR C - WING

1/4" = 1'-0"

LIGHTING CONTROL NOTES

1. All sensor locations are approximate. Refer to the Manufacture's installation instructions prior to installation.
2. If any questions arise regarding sensor placement, contact SLS Lighting and Controls prior to installation to schedule a field visit.
3. Ceiling mounted sensors require to be located no closer than 6-8' from air supply/return registers.
4. Maximum number of sensors that can be wired in parallel to a single room controller or power pack, depends on sensor model (see individual sheets for mA consumption).
5. Contractor is responsible for field verification of required number of power packs (if apply).
6. One power pack is required for each circuit that is to be controlled.
7. Power packs and/or DLM Room Controllers are shown for zoning purposes only. Contractor is responsible for determining actual location and circuiting to an accessible location.
8. Power packs (if apply) should be mounted at least 6-12 inches from any sensor.
9. Turn off any power at the circuit breaker before wiring any product.
10. Free-topology DLM local network segments may include digital load controllers, switches and sensors; Cat 5e cable, 150' per device to 1,000' max, per each local network.

LIGHTING CONTROL LEGEND LEGRAND WATTSTOPPER

PF	LMRC-211	120/277 VAC	1-Relay On/Off 0-10V Dimming Room Controller
OS1	LMDC-100	24VDC, 20mA	Dual Technology Ceiling Sensor
$LV	LMSW-101	24VDC, 5mA	1-button Digital Wall Switch

LIGHTING CONTROL DESIGN BASED ON ASHRAE 90.1-2016

STAND ALONE ROOM - SEQUENCE OF OPERATION

MULTI-STALL (BOY'S & GIRL'S) TOILET ROOMS.
Auto-on/auto-off operation through ceiling sensor, room controller. Digital switch for local control. Use LMCT-100 Configuration Tool to program digital switch for auto-on operation.

GENERAL NOTES
All occupancy/vacancy sensors shall turn off respective lighting fixtures 20 min after vacancy.

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EMERGENCY NOTES
All emergency lighting fixtures shall not be interconnected with lighting control devices.

Device Legend

SYMBOL	DESCRIPTION
(E)	**EXISTING DUPLEX RECEPTACLE (WALL) -** EXISTING WALL MOUNTED RECEPTACLE TO REMAIN.
(R) S	**EXISTING LIGHT SWITCH -** EXISTING TOGGLE SWITCH TO BE REMOVED. BACK BOX AND CONDUIT MAY BE RE-USED IF IN GOOD CONDITION.
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DEVICE ABBREVIATIONS & DESIGNATIONS

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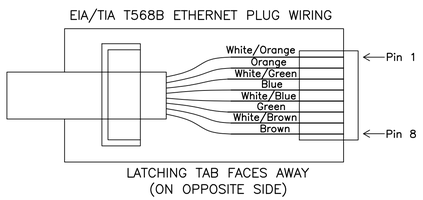
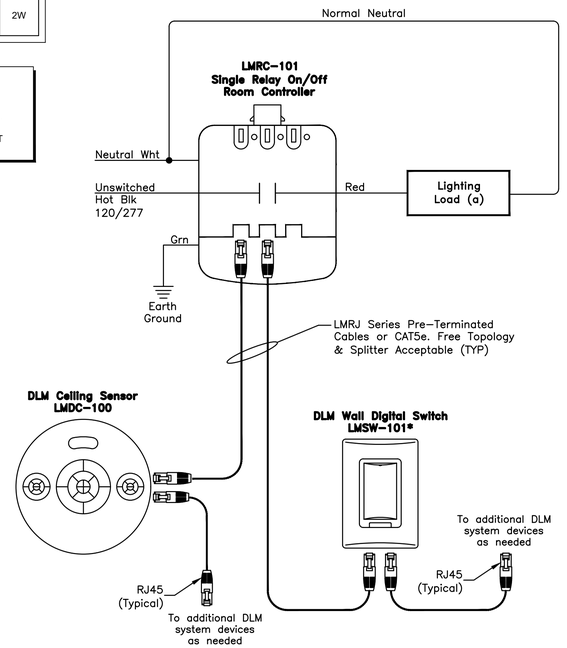


4 CAT5E WIRING DIAGRAM

N.T.S.



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Date 12/14/2022
Checked JC
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THOMAS WIGHARD, P.E.
Title PROFESSIONAL ENGINEER
License No. NJ24GD04901100

Revisions:

Set Issue:
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ISSUED FOR BID

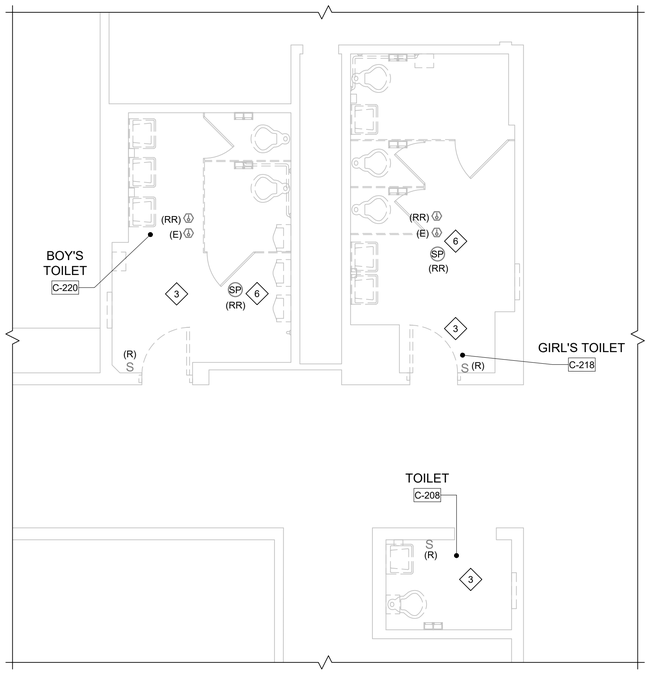
LAN ASSOCIATES
engineering • planning • architecture • surveying
1018 LAUREL OAK ROAD, SUITE 11, VOORHEES, NJ 08043 T. 856-375-2701

2ND FLOOR C-WING ELECTRICAL PLANS
TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

Job No. 20277.14
File No. 20277.14HMHS_E

State Project #: 1900-050-22-1000

E2.02



1 ELECTRICAL DEMOLITION PLAN

1/4" = 1'-0"

TOILET C-208 & GIRL'S TOILET C-218, BOYS TOILET C-220

LIGHTING CONTROL DESIGN BASED ON ASHRAE 90.1-2016

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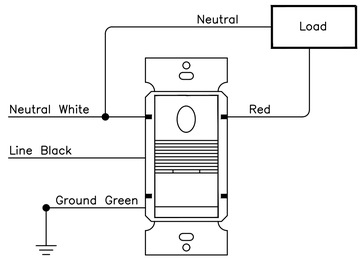

4 TYPICAL PW-101 WIRING DIAGRAM

N.T.S.

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6. ALL EMERGENCY LOCK-DOWN ALARM AND SPEAKER SYSTEMS TO REMAIN; PROTECT DEVICES DURING CONSTRUCTION.

Demolition Electrical Key Notes

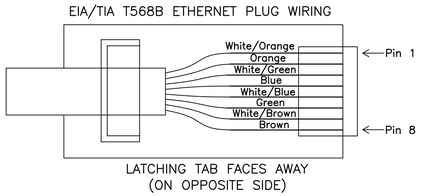
(#) SYMBOL INDICATES DEMOLITION KEY NOTE

1. EXISTING EXHAUST FAN TO REMAIN. CIRCUIT SERVING FAN TO BE PRESERVED AND PROTECTED DURING DEMOLITION.
2. EXISTING CONVECTORS TO REMAIN.
3. DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES AND CONTROLS. REMOVE WIRING BACK TO SOURCE. CONTRACTOR MAY REUSE CONDUIT WHERE APPLICABLE. SAFE-OFF EXISTING CIRCUIT AND PREPARE TO BE RECONNECTED TO NEW AREA LIGHTING.
4. EXISTING HEAT DETECTOR MOUNTED IN HARD CEILING TO REMAIN. EXISTING HEAT DETECTOR IN SUSPENDED CEILING TO BE RELOCATED TO NEW SUSPENDED CEILING IN SAME APPROXIMATE LOCATION.
5. EXISTING WALL MOUNTED SPEAKER TO BE REPLACED WITH A FLUSH MOUNTED CEILING SPEAKER IN NEW SUSPENDED CEILING. VERIFY EXISTING WIRING CAN BE RE-ROUTED AND WILL WORK WITH NEW CEILING SPEAKER. IF EXISTING WIRING NOT COMPATIBLE, PROVIDE MANUFACTURER'S RECOMMENDED WIRING AND RUN BACK TO HEAD UNIT. VERIFY LOCATION OF HEAD UNIT IN FIELD.
6. EXISTING CEILING MOUNTED SPEAKER TO BE RELOCATED TO NEW SUSPENDED CEILING. VERIFY LENGTH OF EXISTING WIRING CAN BE MOVED TO NEW LOCATION AND PROTECT DURING DEMOLITION. IF WIRING IS NOT LONG ENOUGH, THEN REPLACE WITH NEW SPEAKER WIRE RUN BACK TO HEAD UNIT. VERIFY HEAD UNIT LOCATION IN FIELD.

Proposed Electrical Key Notes

(#) SYMBOL INDICATES PROPOSED KEY NOTE

1. RECONNECT NEW LIGHTING TO EXISTING LIGHTING CIRCUIT. PROVIDE NEW WIRE AND CIRCUIT BREAKER(S); MATCH EXISTING. CONTRACTOR MAY REUSE CONDUIT WHERE APPLICABLE.

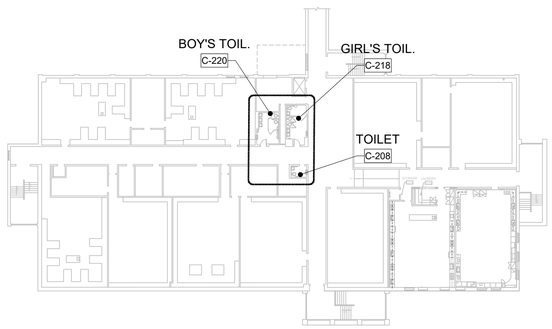


5 CAT5E WIRING DIAGRAM

N.T.S.

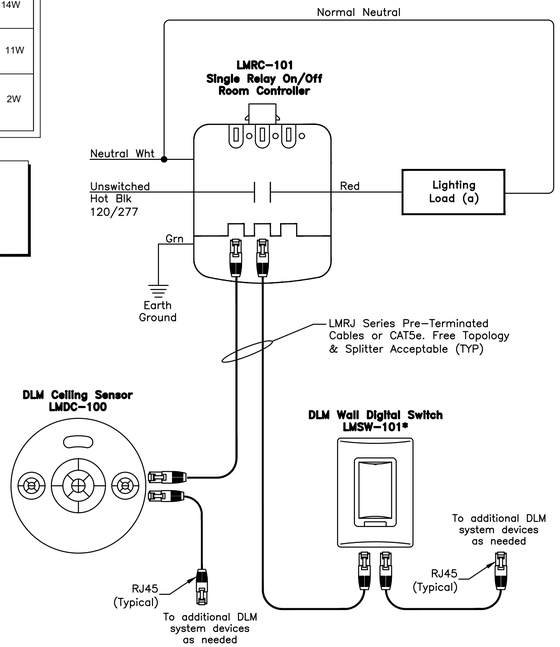
LIGHTING CONTROL LEGEND LEGRAND WATTSTOPPER

PC	LMRC-211	120/277 VAC	1-Relay On/Off 0-10V Dimming Room Controller
OS	LMDC-100	24VDC, 20mA	Dual Technology Ceiling Sensor
$1v	LMSW-101	24VDC, 5mA	1-button Digital Wall Switch
$1 OS	PW-101	120/277 VAC	1-Button PIR On/Off Switch Occ Sensor



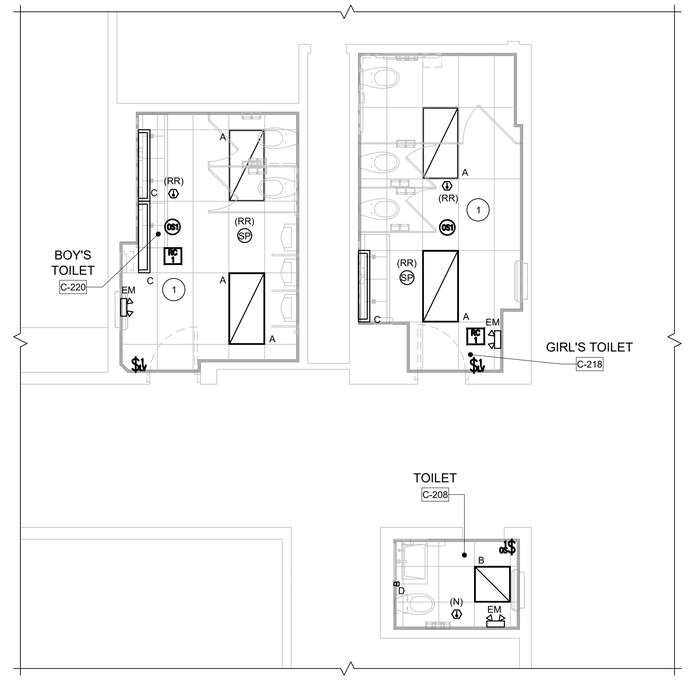
3 3RD FLOOR C - WING

1/4" = 1'-0"



6 TYPICAL LMRC-101 WIRING DIAGRAM FOR CEILING SENSOR

N.T.S.



2 ELECTRICAL PROPOSED PLAN

1/4" = 1'-0"

TOILET C-208 & GIRL'S TOILET C-218, BOYS TOILET C-220

State Project #: 1900-050-22-1000

NJ Certificate of Authorization	
Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	JC
Drawn	MP

THOMAS WIGHARD, P.E. — The PROFESSIONAL ENGINEER — License No. NJ24GD04901100

Revisions:

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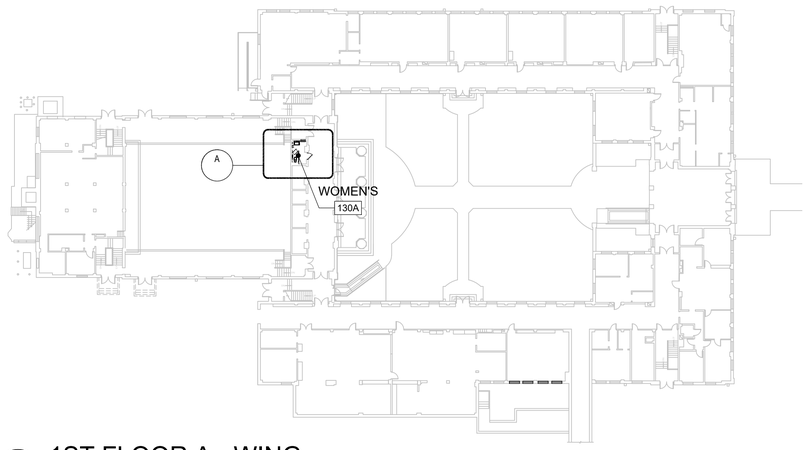
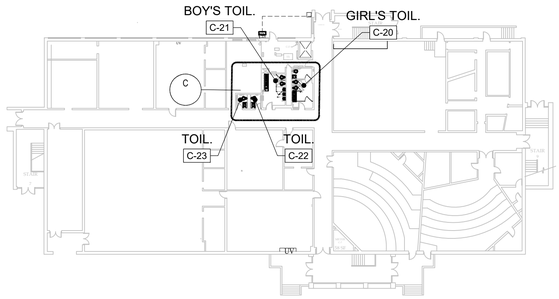
3RD FLOOR C-WING ELECTRICAL PLANS
TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 080.33

Job No. 20277.14
File No. 20277.14HMHS_E

E2.03



1 1ST FLOOR A - WING
1/4" = 1'-0"



3 1ST FLOOR C - WING
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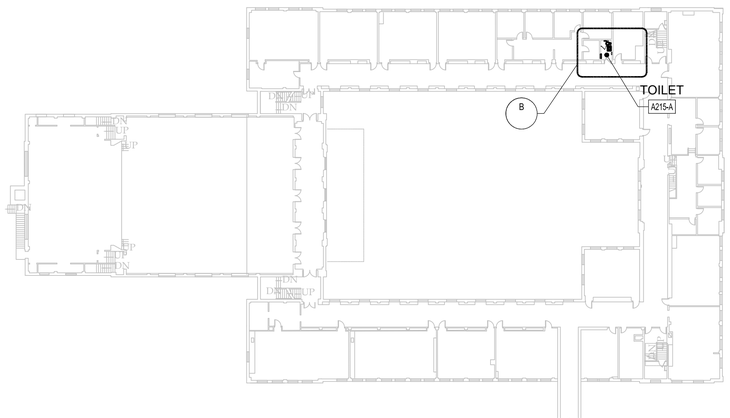
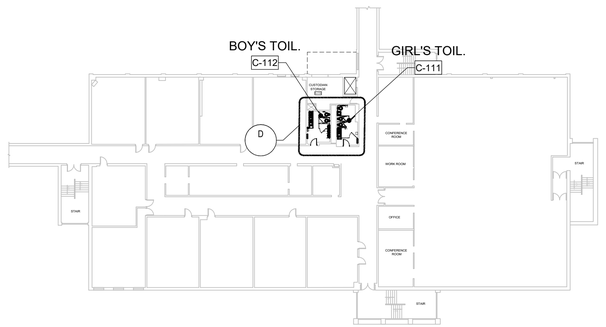


2 2ND FLOOR A - WING
1/4" = 1'-0"



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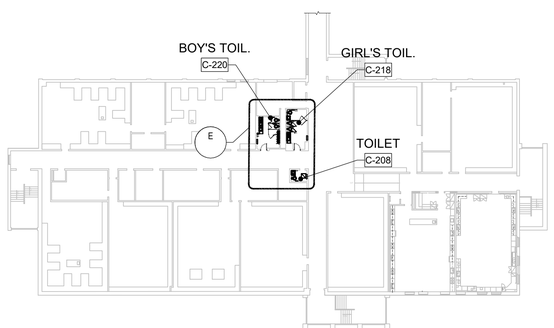

5 3RD FLOOR C - WING
1/4" = 1'-0"

Plumbing General Notes

1. PLUMBING CONTRACTOR SHALL VISIT JOB SITE AND NOTE ALL EXISTING CONDITIONS TO BE MET BEFORE SUBMITTING BID. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND SHOW THE INTENT OF WORK.
2. PLUMBING CONTRACTOR TO PROCURE AND PAY FOR ALL NECESSARY PERMITS AND LICENSES REQUIRED TO CARRY OUT WORK, OBTAIN AND PAY FOR ALL NECESSARY CERTIFICATES OF APPROVAL FOR WORK, AND PAY FOR ANY LEGAL FEES.
3. INSTALLATION TO COMPLY WITH ALL FEDERAL, STATE, MUNICIPAL LAWS, AND ALL CODES, RULES, ORDINANCES, AND REGULATIONS OF HEALTH, PUBLIC OR OTHER AUTHORITIES CONTROLLING OR LIMITING THE METHODS, MATERIALS TO BE USED OR ACTIONS OF THOSE EMPLOYED IN THE WORK.
4. PLUMBING CONTRACTOR TO PROVIDE TEMPORARY WATER. OWNER TO PAY FOR WATER CONSUMED.
5. PIPE INSTALLATION AS FOLLOWS:
   - A. ALL PIPING TO BE PITCHED TO LOW POINTS WITH DRAIN VALVES. SOIL, STORM, AND WASTE TO BE SLOPED @ 1/8" PER FOOT MIN.
   - B. RUN ALL PIPING CONCEALED IN CEILINGS, WALLS AND PARTITIONS.
   - C. SLEEVE PIPING THAT PASSES THROUGH WALLS.
   - D. FLASH ALL PIPING THAT PASSES THROUGH ROOF.
   - E. PROVIDE ROD HANGERS WITH CLEVIS PIPE SUPPORT PER NATIONAL PLUMBING CODE 2003.
   - F. PROVIDE VALVES REQUIRED FOR COMPLETE CONTROL OF ALL SYSTEMS. STOP VALVES FOR SUPPLY TO ALL FIXTURES TO BE CHROME PLATED WHERE EXPOSED.
   - G. PROVIDE ACCESS DOORS FOR ALL CONCEALED VALVES AND CLEANOUTS.
6. PLUMBING CONTRACTOR TO PERFORM ALL TESTING OF THE PLUMBING WORK IN THE PRESENCE OF THE OWNER. PROVIDE ALL APPARATUS, TEMPORARY CONNECTIONS, AND OTHER REQUIREMENTS TO DO SUCH TESTS. ANY DEFECTS, LEAKS, ETC. WILL BE REPLACED AND TEST REPEATED UNTIL TEST REQUIREMENTS ARE MET.
7. SUBMIT SHOP DRAWINGS OF ALL WORK TO BE DONE, EQUIPMENT, AND FIXTURES FURNISHED.
8. PLUMBING CONTRACTOR TO CARRY OUT PERIODIC CLEANING TO REMOVE RUBBISH ETC., TO LEAVE PREMISES FREE FROM DEBRIS, AND DISCARDED MATERIALS. AFTER INSTALLATION, CLEAN FIXTURES, FITTINGS, ETC. AND LEAVE READY FOR USE.

General Notes

1. ALL WORK SHALL CONFORM TO NEW JERSEY STATE ENERGY CODE, NATIONAL STANDARD PLUMBING CODE 2018, AND ALL OTHER APPLICABLE CODES, ORDINANCES, AND LOCAL AUTHORITY HAVING JURISDICTION.
2. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE EXTENT AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS OR COMMENCING WORK.
3. CONTRACTOR SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES, AND ADDRESS ALL QUESTIONS TO ARCHITECT/ENGINEER PRIOR TO COMMENCING WORK.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP WORK AREAS UPON COMPLETION OF WORK.
5. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS, FEES AND INSPECTIONS PRIOR TO COMMENCING WORK. UPON COMPLETION OF WORK THE CONTRACTOR SHALL SECURE CERTIFICATE OF OCCUPANCY.
6. CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OF SITE IN AN APPROVED MANNER.

ENLARGED PLAN DRAWING LIST

MARK	ROOM TYPE / NUMBER	DEMOLITION PLAN	PROPOSED SANITARY & VENTING PLAN	PROPOSED DOMESTIC WATER PLAN
A	WOMEN'S A-130	1 / P2.01	2 / P2.01	3 / P2.01
B	TOILET 215-A	4 / P2.01	5 / P2.01	6 / P2.01
C	BOYS C-21, GIRL'S C-20, TOIL. C-22, TOIL, C-23	1 / P2.02	2 / P2.02	3 / P2.02
D	BOY'S TOIL. C-112, GIRL'S TOIL C-111	1 / P2.03	2 / P2.03	3 / P2.03
E	BOY'S TOIL. C-220, GIRL'S TOIL. C-218, TOIL. C-208	1 / P2.04	2 / P2.04	3 / P2.04
-				

State Project #: 1900-050-22-1000

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Job No. 20277.14
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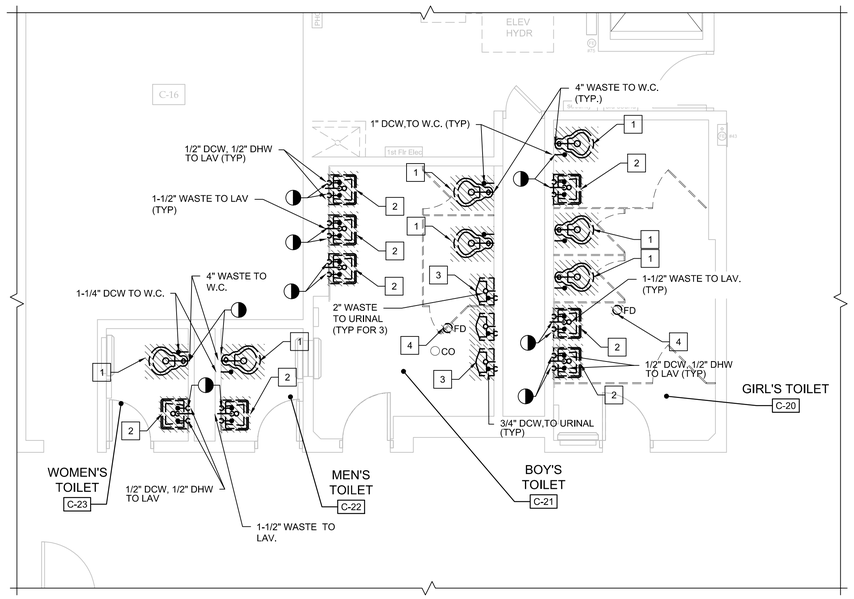
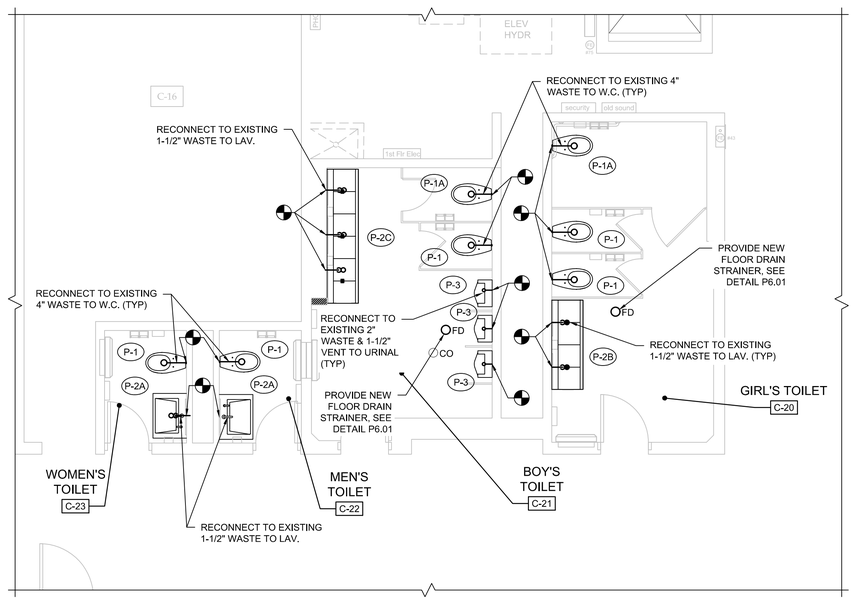
P0.01



1 BOY'S C-21, GIRL'S C-20, MEN'S C-22, WOMEN'S C-23

1/4" = 1'-0" DEMOLITION PLAN



2 BOY'S C-21, GIRL'S C-20, MEN'S C-22, WOMEN'S C-23

1/4" = 1'-0" PROPOSED SANITARY / VENT

	Existing To Remain	Proposed
Domestic Cold Water		
Domestic Hot Water		
Sanitary Waste		
Sanitary Vent		
Point of Connection to Existing		

	Existing To Remain	Demolition
Domestic Cold Water		
Domestic Hot Water		
Sanitary Waste		
Sanitary Vent		
Point of Disconnection from Existing		

PLUMBING DEMOLITION KEY NOTES

1. REMOVE EXISTING WATER CLOSET & ALL RELATED FLUSH VALVE, PIPING, VALVES, FITTINGS, ETC. REMOVE ALL RELATED PIPING WITHIN WALL/CHASE BEING DEMOLISHED. SAWCUT EXISTING MASONRY WALL OR CONCRETE FLOOR AS REQUIRED TO ALLOW REMOVAL OF EXISTING AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AND SANITARY LINES AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK
2. REMOVE EXISTING WALL MOUNTED LAVATORY, ASSOCIATED CARRIER & ALL RELATED FAUCET, PIPING, VALVES, FITTINGS, SUPPORTS, ETC. REMOVE ALL RELATED PIPING WITHIN WALL/CHASE. SAWCUT EXISTING MASONRY WALL AS REQUIRED TO ALLOW REMOVAL OF EXISTING WALL CARRIERS AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AND SANITARY LINES AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK
3. REMOVE EXISTING URINAL & ALL RELATED FLUSH VALVE, PIPING, VALVES, FITTINGS, SUPPORTS, SAWCUT EXISTING MASONRY WALL OR CONCRETE FLOOR AS REQUIRED TO ALLOW REMOVAL OF EXISTING AND INSTALLATION OF NEW SCOPE OF WORK. PATCH WALL/FLOOR SLAB TO MATCH EXISTING
4. REPLACE EXISTING FLOOR DRAIN STRAINER w/ NEW. PATCH WALL/FLOOR SLAB TO MATCH EXISTING

NOTE:
CONTRACTOR SHALL SNAKE, SCOPE, AND TELEVISE ALL EXISTING WASTE LINES THAT ARE TO BE REUSED TO ENSURE THEY ARE CLEAR AND FREE FROM DEBRIS, DEFECTS, CRACKS, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR TELEVISING ALL WASTE LINES FOR A MINIMUM OF FIFTY (50') FEET FROM THE END OF LINE CLEANOUT AT A GROUP OF FIXTURES. CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IF DEFECTS IN THE EXISTING PIPING ARE FOUND.

GENERAL PLUMBING DEMOLITION NOTES

1. CONTRACTOR TO NOTE THAT LOCATIONS & SIZES OF EXIST. PLUMBING PIPING SHOWN (WASTE, VENT, DCW, DHW, DHWR, ETC) ARE BASED ON FIELD OBSERVATIONS AND AVAILABLE BLUEPRINTS AND ARE APPROXIMATE. CONTRACTOR SHALL INVESTIGATE/TRACE (WITH CAMERA OR ELECTRONIC DEVICES) THE EXISTING SANITARY WASTE LINES TO BE REMOVED/REPLACED OR RESCHEDULED TO BE REUSED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. EXISTING VENTING AND WATER LINES ARE SHOWN GRAPHICALLY TO GIVE AN HONEST REPRESENTATION OF THE EXISTING CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL SIZES & LOCATIONS IN FIELD.
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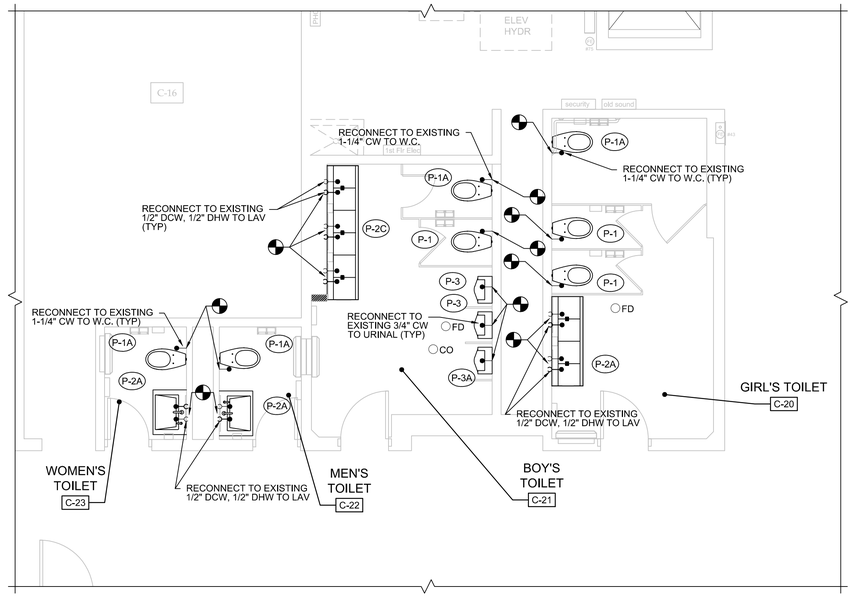
3. REMOVE ALL EXIST. ABANDONED ROUGH-IN PIPING, WHETHER THEY ARE SHOWN OR NOT ON THE DRAWING. PATCH EXISTING FLOOR OPENINGS WHERE ARE NOT REUSED FOR NEW PIPE PENETRATIONS. PAINT TO MATCH EXISTING CEILING FINISH.
4. ANY CUTTING, PATCHING, OR FINISH REPAIR WORK REQUIRED FOR PLUMBING DEMOLITION IS THE RESPONSIBILITY OF THE PLUMBING SUBCONTRACTOR.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR SHUTDOWN AND/OR TO ISOLATE SECTIONS OF PLUMBING SYSTEM, AND DRAIN WATER FROM THE SYSTEM TO ACCOMMODATE FOR DEMOLITION. RESTORE THE SYSTEM AS REQUIRED.
6. ANY SHUT-DOWNS MUST BE COORDINATED WITH THE OWNER MIN 72 HOURS IN ADVANCE. THE CONTRACTOR SHALL NOT SHUT DOWN ENTIRE SECTIONS OF THE BUILDING AT ONE TIME. PROVIDE BYPASS LINES AS NECESSARY TO WORK ON INDIVIDUAL BATHROOMS WHILE MAINTAINING THE INTEGRITY OF THE REST OF THE PLUMBING SYSTEM.
7. SAWCUT EXIST. WALLS/CHASES/FLOOR SLABS/CEILING AS REQUIRED FOR DEMOLITION OF ALL EXIST. PLUMBING FIXTURES & PIPING. PATCH TO MATCH EXISTING.



3 BOY'S C-21, GIRL'S C-20, MEN'S C-22, WOMEN'S C-23

1/4" = 1'-0" PROPOSED DOMESTIC WATER

State Project #: 1900-050-22-1000

NJ Certificate of Authorization

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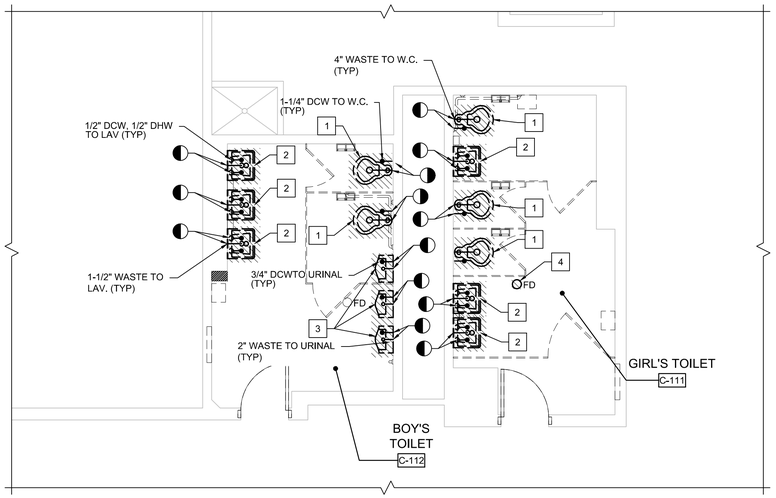
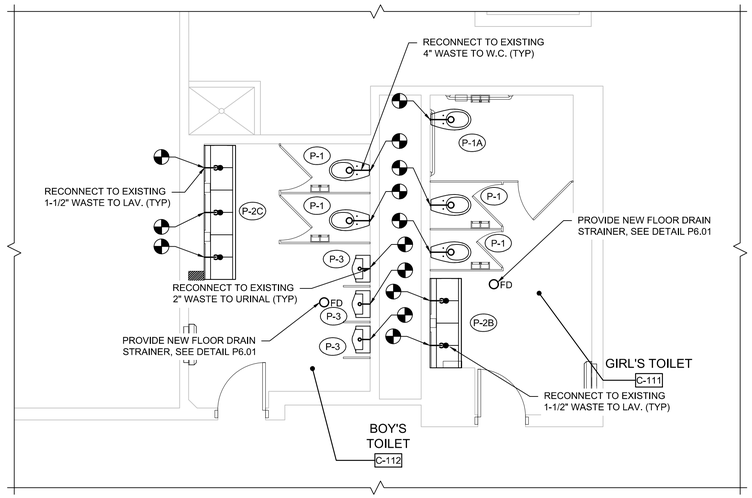


1 BOY'S TOILET C-112 & GIRL'S TOILET C-111

1/4" = 1'-0" — DEMOLITION PLAN



2 BOY'S TOILET C-112 & GIRL'S TOILET C-111

1/4" = 1'-0" — PROPOSED SANITARY / VENT

	Existing To Remain	Proposed
Domestic Cold Water		
Domestic Hot Water		
Sanitary Waste		
Sanitary Vent		
Point of Connection to Existing		

	Existing To Remain	Demolition
Domestic Cold Water		
Domestic Hot Water		
Sanitary Waste		
Sanitary Vent		
Point of Disconnection from Existing		

PLUMBING DEMOLITION KEY NOTES

1. REMOVE EXISTING WATER CLOSET & ALL RELATED FLUSH VALVE, PIPING, VALVES, FITTINGS, ETC. REMOVE ALL RELATED PIPING WITHIN WALL/CHASE BEING DEMOLISHED. SAWCUT EXISTING MASONRY WALL OR CONCRETE FLOOR AS REQUIRED TO ALLOW REMOVAL OF EXISTING AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AND SANITARY LINES AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK
2. REMOVE EXISTING WALL MOUNTED LAVATORY, ASSOCIATED CARRIER & ALL RELATED FAUCET, PIPING, VALVES, FITTINGS, SUPPORTS, ETC. REMOVE ALL RELATED PIPING WITHIN WALL/CHASE. SAWCUT EXISTING MASONRY WALL AS REQUIRED TO ALLOW REMOVAL OF EXISTING WALL CARRIERS AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AND SANITARY LINES AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK
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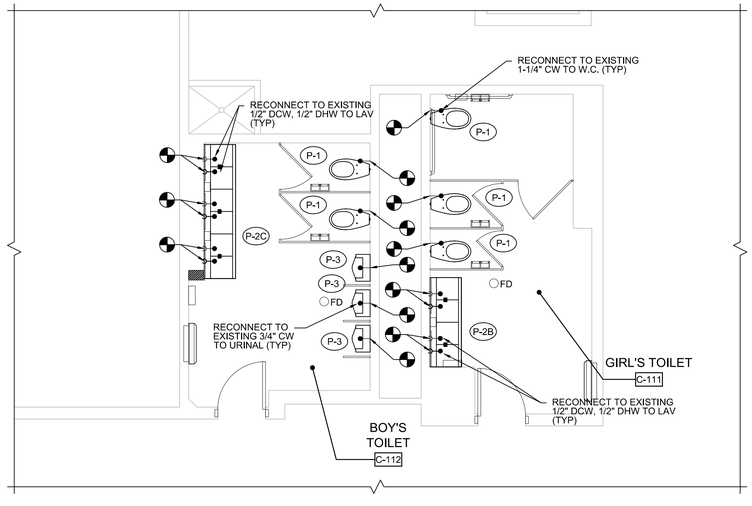

3 BOY'S TOILET C-112 & GIRL'S TOILET C-111

1/4" = 1'-0" — PROPOSED DOMESTIC WATER

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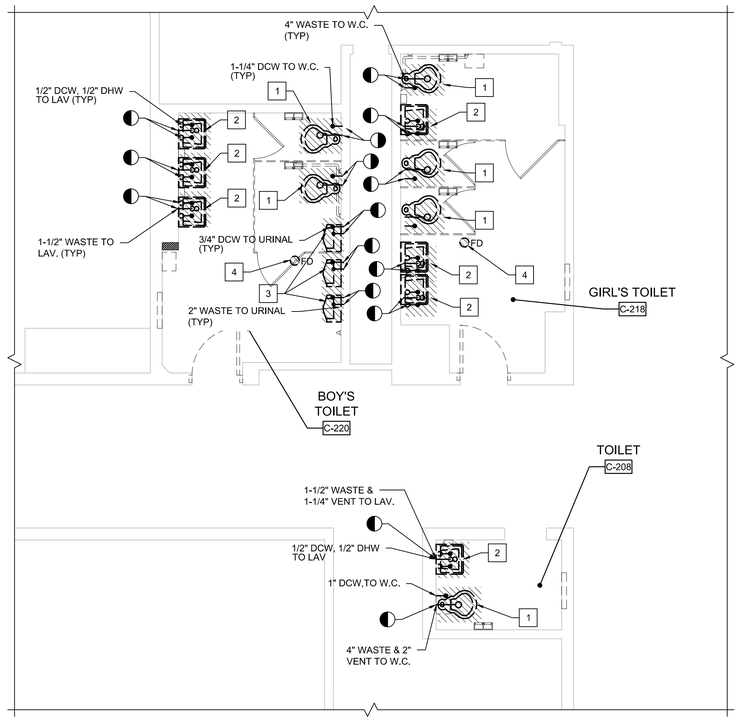
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

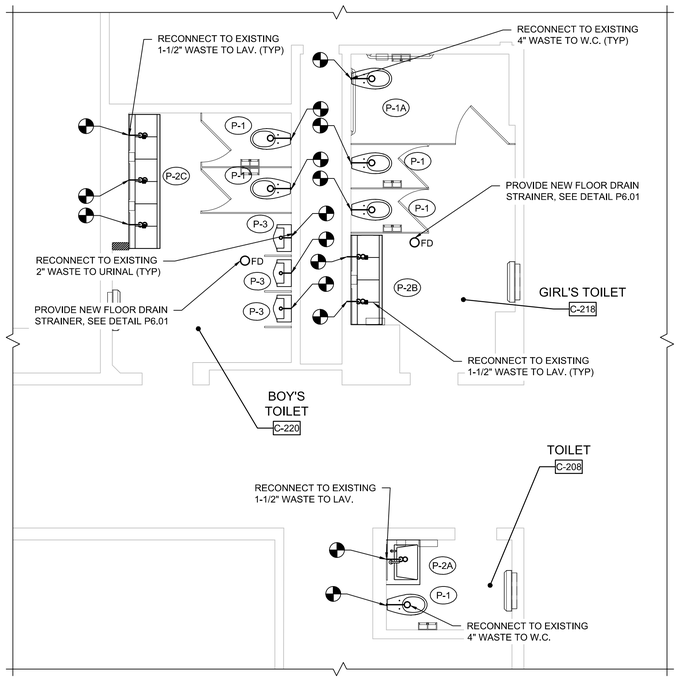
Job No. 20277.14
File No. 20277.14.3

P2.02



1 BOY'S TOILET C-220 & GIRL'S TOILET C-218, TOILET C-208

1/4" = 1'-0" — DEMOLITION PLAN



2 BOY'S TOILET C-220 & GIRL'S TOILET C-218, TOILET C-208

1/4" = 1'-0" — PROPOSED SANITARY / VENT

	Existing To Remain	Proposed
Domestic Cold Water		
Domestic Hot Water		
Sanitary Waste		
Sanitary Vent		
Point of Connection to Existing		

	Existing To Remain	Demolition
Domestic Cold Water		
Domestic Hot Water		
Sanitary Waste		
Sanitary Vent		
Point of Disconnection from Existing		

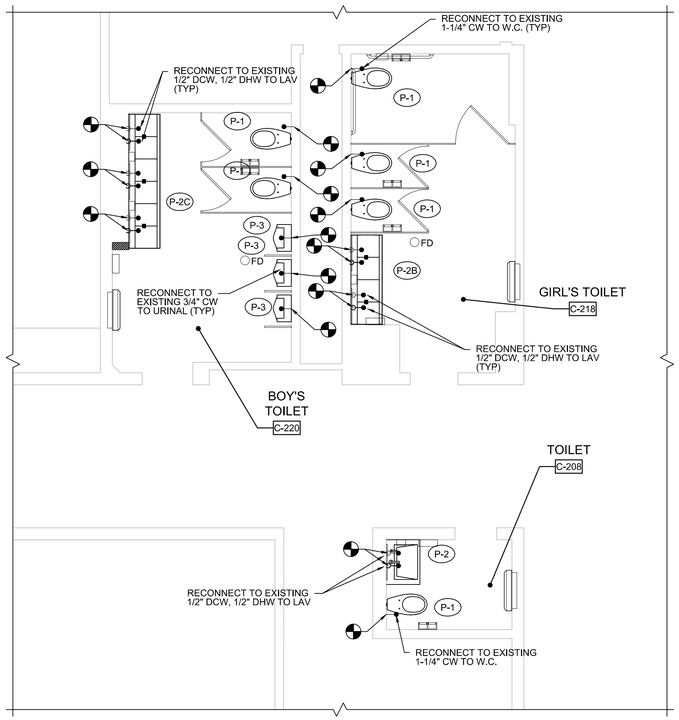
PLUMBING DEMOLITION KEY NOTES

1. REMOVE EXISTING WATER CLOSET & ALL RELATED FLUSH VALVE, PIPING, VALVES, FITTINGS, ETC. REMOVE ALL RELATED PIPING WITHIN WALL/CHASE BEING DEMOLISHED. SAWCUT EXISTING MASONRY WALL OR CONCRETE FLOOR AS REQUIRED TO ALLOW REMOVAL OF EXISTING AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AND SANITARY LINES AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK
2. REMOVE EXISTING WALL MOUNTED LAVATORY, ASSOCIATED CARRIER & ALL RELATED FAUCET, PIPING, VALVES, FITTINGS, SUPPORTS, ETC. REMOVE ALL RELATED PIPING WITHIN WALL/CHASE. SAWCUT EXISTING MASONRY WALL AS REQUIRED TO ALLOW REMOVAL OF EXISTING WALL CARRIERS AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AND SANITARY LINES AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK
3. REMOVE EXISTING URINAL & ALL RELATED FLUSH VALVE, PIPING, VALVES, FITTINGS, SUPPORTS. SAWCUT EXISTING MASONRY WALL OR CONCRETE FLOOR AS REQUIRED TO ALLOW REMOVAL OF EXISTING AND INSTALLATION OF NEW SCOPE OF WORK. PATCH WALL/FLOOR SLAB TO MATCH EXISTING
4. REPLACE EXISTING FLOOR DRAIN STRAINER w/ NEW. PATCH WALL/FLOOR SLAB TO MATCH EXISTING

NOTE:
CONTRACTOR SHALL SNAKE, SCOPE, AND TELEVISE ALL EXISTING WASTE LINES THAT ARE TO BE REUSED TO ENSURE THEY ARE CLEAR AND FREE FROM DEBRIS, DEFECTS, CRACKS, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR TELEVISING ALL WASTE LINES FOR A MINIMUM OF FIFTY (50') FEET FROM THE END OF LINE CLEANOUT AT A GROUP OF FIXTURES. CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IF DEFECTS IN THE EXISTING PIPING ARE FOUND.

GENERAL PLUMBING DEMOLITION NOTES

1. CONTRACTOR TO NOTE THAT LOCATIONS & SIZES OF EXIST. PLUMBING PIPING SHOWN (WASTE, VENT, DCW, DHW, DHWR, ETC) ARE BASED ON FIELD OBSERVATIONS AND AVAILABLE BLUEPRINTS AND ARE APPROXIMATE. CONTRACTOR SHALL INVESTIGATE/TRACE (WITH CAMERA OR ELECTRONIC DEVICES) THE EXISTING SANITARY WASTE LINES TO BE REMOVED/REPLACED OR RESCHEDULED TO BE REUSED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. EXISTING VENTING AND WATER LINES ARE SHOWN GRAPHICALLY TO GIVE AN HONEST REPRESENTATION OF THE EXISTING CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL SIZES & LOCATIONS IN FIELD.
2. ALL SANITARY LINES BEING DEMOLISHED SHALL BE REMOVED BACK TO THE MAINS. DEAD END SHALL NOT EXCEED THE MAXIMUM LENGTH PER LATEST PLUMBING CODE.
3. REMOVE ALL EXIST. ABANDONED ROUGH-IN PIPING, WHETHER THEY ARE SHOWN OR NOT ON THE DRAWING. PATCH EXISTING FLOOR OPENINGS WHERE ARE NOT REUSED FOR NEW PIPE PENETRATIONS. PAINT TO MATCH EXISTING CEILING FINISH.
4. ANY CUTTING, PATCHING, OR FINISH REPAIR WORK REQUIRED FOR PLUMBING DEMOLITION IS THE RESPONSIBILITY OF THE PLUMBING SUBCONTRACTOR.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR SHUTDOWN AND/OR TO ISOLATE SECTIONS OF PLUMBING SYSTEM, AND DRAIN WATER FROM THE SYSTEM TO ACCOMMODATE FOR DEMOLITION. RESTORE THE SYSTEM AS REQUIRED.
6. ANY SHUT-DOWNS MUST BE COORDINATED WITH THE OWNER MIN 72 HOURS IN ADVANCE. THE CONTRACTOR SHALL NOT SHUT DOWN ENTIRE SECTIONS OF THE BUILDING AT ONE TIME. PROVIDE BYPASS LINES AS NECESSARY TO WORK ON INDIVIDUAL BATHROOMS WHILE MAINTAINING THE INTEGRITY OF THE REST OF THE PLUMBING SYSTEM.
7. SAWCUT EXIST. WALLS/CHASES/FLOOR SLABS/CEILING AS REQUIRED FOR DEMOLITION OF ALL EXIST. PLUMBING FIXTURES & PIPING. PATCH TO MATCH EXISTING.



3 BOY'S TOILET C-220 & GIRL'S TOILET C-218, TOILET C-208

1/4" = 1'-0" — PROPOSED DOMESTIC WATER

State Project #: 1900-050-22-1000

NJ Certificate of Authorization
Eng'r. Nos. 24GA27937500
Arch. Nos. 21AC00012400
Date 12/14/2022
Checked TW
Drawn RJS

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Revisions:

Set Issue:
12-14-2022
ISSUED FOR BID

PLUMBING PLANS & NOTES

TOILET ROOM RENOVATIONS at
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

Job No. 20277.14
File No. 20277.14.3

P2.03

PLUMBING FIXTURE SCHEDULE

NUMBER	FIXTURE	MANUFACTURER	MODEL NO.	TRIM NO.	SUPPLY PIPE NO.	TRAP NO.	SUPPORT NO.	PIPE SIZES					DFU	WSFU	NOTES
								TRAP	WASTE	VENT	DCW	DHW			
P-1 P-1A	WATER CLOSET	AMERICAN STANDARD	AFWALL 3351.101	A.S. SELECTRONTIC 6065.121.002	-	-	J.R. SMITH 0210Y-M54	INTEGRAL	4"	2"	1"	-	4	5	WALL-MOUNTED ELONGATED FLUSH VALVE TOILET W/ EVERCLEAN, TOP SPUD & 1.28 GPF. COLOR SHALL BE WHITE. PROVIDE W/ AMERICAN STANDARD #5901.100 HEAVY-DUTY OPEN FRONT SEATLESS COVER, SELECTRONIC EVERCLEAN SENSOR ACTIVATED FLUSHOMETER (BATTERY OPERATED). (P-1A) INSTALL TO MEET ADA REQUIREMENTS.
P-1C P-1D	WATER CLOSET	AMERICAN STANDARD	MADERA 3451.528	A.S. SELECTRONTIC 6065.121.002	-	-	FLOOR MOUNTED	INTEGRAL	4"	2"	1"	-	4	5	FLOOR-MOUNTED ELONGATED FLUSH VALVE TOILET W/ EVERCLEAN, TOP SPUD & 1.28 GPF. COLOR SHALL BE WHITE. PROVIDE W/ AMERICAN STANDARD #5901.100 HEAVY-DUTY OPEN FRONT SEATLESS COVER, SELECTRONIC EVERCLEAN SENSOR ACTIVATED FLUSHOMETER (BATTERY OPERATED). (P-1D) INSTALL TO MEET ADA REQUIREMENTS.
P-1E	KINDERGARTEN WATER CLOSET	AMERICAN STANDARD	BABY DEVERO 2282.001	A.S. SELECTRONTIC 6065.121.002	-	-	FLOOR MOUNTED	INTEGRAL	4"	2"	1"	-	4	5	"KINDERGARTEN HEIGHT" FLOOR-MOUNTED ELONGATED FLUSH VALVE TOILET W/ EVERCLEAN, TOP SPUD & 1.28 GPF. COLOR SHALL BE WHITE. PROVIDE W/ AMERICAN STANDARD #5901.100 HEAVY-DUTY OPEN FRONT SEATLESS COVER, SELECTRONIC EVERCLEAN SENSOR ACTIVATED FLUSHOMETER (BATTERY OPERATED).
P-1F	WATER CLOSET (TANK)	AMERICAN STANDARD	CADET 2467.016.020	-	-	-	FLOOR MOUNTED	INTEGRAL	4"	2"	1"	-	4	5	FLOOR-MOUNTED ELONGATED PRESSURE ASSIST TANK TOILET , COLOR SHALL BE WHITE. PROVIDE W/ AMERICAN STANDARD #5901.100 HEAVY-DUTY OPEN FRONT SEATLESS COVER.
P-2A	SINGLE LAVATORY SINK	BRADLEY	LVSD1	S53-3000 SERIES R-T-3-PC-BA 6-3000 SERIES R-F-T-BA	MCGUIRE LF158	MCGUIRE 8902C	WALL MOUNTED	1-1/4" x 1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	1	1	SNGLE-STATION WALL MOUNTED LAV SYSTEM W/ ENCLOSURE. COLOR SHALL BE ------, & MOUNTING WALL BRACKETS. PROVIDE ADEQUATE STRUCTURAL SUPPORT IN OR BEHIND THE WALL AS REQUIRED. INSTALL TO MEET ADA REQUIREMENTS. INSULATE WATER AND WASTE WITH ADA INSULATION KIT.
P-2B	2-STATION LAVATORY SYSTEM SINK	BRADLEY	LVSD2	S53-3000 SERIES R-T-3-PC-BA 6-3000 SERIES R-F-T-BA	MCGUIRE LF158	MCGUIRE 8902C	WALL MOUNTED	1-1/4" x 1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	2	2	2-STATION WALL MOUNTED LAV SYSTEM W/ ENCLOSURE. COLOR SHALL BE ------, & MOUNTING WALL BRACKETS. PROVIDE ADEQUATE STRUCTURAL SUPPORT IN OR BEHIND THE WALL AS REQUIRED. INSTALL TO MEET ADA REQUIREMENTS. INSULATE WATER AND WASTE WITH ADA INSULATION KIT.
P-2C	3-STATION LAVATORY SYSTEM SINK	BRADLEY	LVSD3	S53-3000 SERIES R-T-3-PC-BA 6-3000 SERIES R-F-T-BA	MCGUIRE LF158	MCGUIRE 8902C	WALL MOUNTED	1-1/4" x 1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	3	3	3-STATION WALL MOUNTED LAV SYSTEM W/ ENCLOSURE. COLOR SHALL BE --------, & MOUNTING WALL BRACKETS. PROVIDE ADEQUATE STRUCTURAL SUPPORT IN OR BEHIND THE WALL AS REQUIRED. INSTALL TO MEET ADA REQUIREMENTS. INSULATE WATER AND WASTE WITH ADA INSULATION KIT.
P-3 P-3A	URINAL	AMERICAN STANDARD	WASHBROOK 6590.001EC	-	.	-	J.R. SMITH 0637	INTERGRAL	2"	2"	3/4"	-	4	4	WALL-HUNG URINAL W/ 3/4" INLET SPUD, EVERCLEAN & 0.5 GPF. COLOR SHALL BE WHITE. PROVIDE W/ SLOAN SENSOR ACTIVATED FLUSHOMETER & TRANSFORMER #EL-154 FOR EACH FIXTURE. (P-2A) INSTALL TO MEET ADA REQUIREMENTS.

PLUMBING SYSTEM MATERIALS

PIPING:

WASTE & VENT PIPING BELOW GRADE SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH GASKETS. ABOVE GRADE SHALL BE NO-HUB SERVICE WEIGHT CAST IRON PIPE WITH STAINLESS STEEL SHIELDED COUPLINGS.

DOMESTIC HOT AND COLD WATER PIPING ABOVE GRADE SHALL BE TYPE "L" COPPER WITH WROUGHT COPPER SOLDERED FITTINGS (LEAD-FREE SOLDER). BELOW GRADE SHALL BE TYPE "K" COPPER WITH NO FITTINGS. PROPRESS TYPE OR GROOVED TYPE FITTINGS ARE NOT ACCEPTABLE.

INSULATION:

ALL HOT AND COLD WATER PIPING SHALL BE INSULATED WITH FIBERGLASS PIPE INSULATION WITH ASJ JACKET. REFER TO SPECIFICATIONS FOR INSULATION THICKNESS.

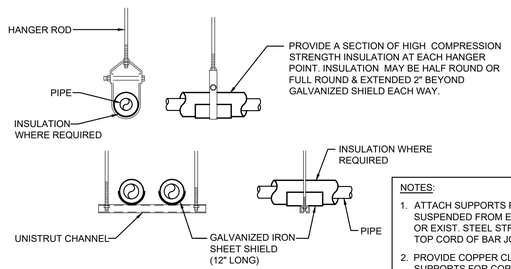
CLEANOUTS:

FLOOR: J.R. SMITH #4020 W/ ROUND NICKEL-BRONZE TOP.

WALL: J.R. SMITH #4532 W/ ROUND STAINLESS STEEL TOP.

WATER HAMMER ARRESTORS:

J.R. SMITH SERIES 5000 "HYDROTROL" W/ ALL STAINLESS STEEL CONSTRUCTION OR APPROVED EQUAL. REFER TO BELOW CHART FOR SIZING & PLACEMENT.

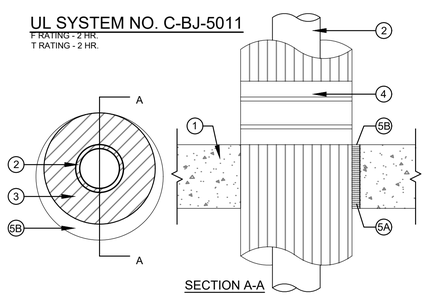


NOTES:

1. ATTACH SUPPORTS FOR ALL PIPING SUSPENDED FROM EXIST. STRUCTURES OR EXIST. STEEL STRUCTURE TO THE TOP CORD OF BAR JOISTS OR BEAMS.
2. PROVIDE COPPER CLAMP HANGER SUPPORTS FOR COPPER PIPING.
3. ALL SUPPORTS SHALL BE GALVANIZED.

6 PIPE SUPPORT HANGERS

NOT TO SCALE



1. Floor or Wall Assembly - Min 5-½ in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max dia. of opening is 14 in. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Through Penetrants - One metallic pipe or tubing to be installed either concentrically or eccentrecally within the firestop system. Pipe or tubing to be rigidly supported on both sides of floor or wall assembly.
3. Pipe Covering* - Cellular Glass Insulation - Max 3 in. thick cellular glass units sized to the outside diam. of the steel pipe and supplied in nom 24 in. long half sections or nom 18 in. long segments. The annular space shall be min 0 in. (point contact) to max 2 in. Pipe insulation installed on pipe in accordance with the manufacturer's instructions.
   PITTSBURGH CORING CORP - FOAMGLAS
4. Metal Jacket - Min. 12 in. long jacket formed on min. 0.010 in. thick steel or aluminum sheet cut to wrap tightly around the pipe insulation with a min. 2 in. lap. Jacket secured with min. ½ in. wide stainless steel hose clamps or bands located within 2 in. of each end of the jacket and spaced a max. of 10 in. O.C.

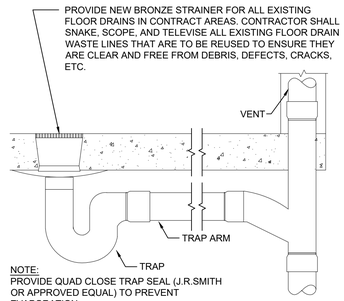
   Jacket to be installed with edges abutting surface of caulk fill material (Item 5) on both surfaces of wall. Metal jacket to be used in addition to any other jacketing material which may be required to or desired on the pipe insulation.
5. Firestop System - The firestop system shall consist of the following:
   A Packaging Material - Min 5 in. thickness of min. 4 pcf mineral woll batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of fill material.
   B Fill, Void or Cavity Material* - Sealant - Min. ¾ in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. At point contact location between penetrant and periphery of opening, a min. ½ in. diam. bead of fill material shall be applied at the periphery of opening/pipe covering interface on top surface of floor assembly or both surfaces of wall assembly.
   JOHNS MANVILLE INTERNATIONAL INC - Firetemp

*Bearing the UL Classification Mark

TYPICAL PIPE PENETRATION (ALL LOCATIONS)

NOT TO SCALE

2-HOUR RATED



NOTE:
PROVIDE QUAD CLOSE TRAP SEAL (J.R.SMITH OR APPROVED EQUAL) TO PREVENT EVAPORATION

FLOOR DRAIN ALTERATIONS

NOT TO SCALE

State Project #: 1900-050-22-1000

NJ Certificate of Authorization

Eng'r. Nos.	24GA27937500
Arch. Nos.	21AC00012400
Date	12/14/2022
Checked	TW
Drawn	RJS

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Revisions:

Set Issue:
12-14-2022
ISSUED FOR BID

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PLUMBING SCHEDULE AND DETAILS

TOILET ROOM RENOVATIONS of
HADDONFIELD MEMORIAL HIGH SCHOOL
401 KINGS HIGHWAY EAST
HADDONFIELD NJ, 08033

Job No. 20277.14

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