

DUNELAND SCHOOL CORPORATION

2021 TOILET RENOVATIONS AT:

LIBERTY ELEMENTARY SCHOOL, 50-1 W 900 N, CHESTERTON, INDIANA 46304
WESTCHESTER INTERMEDIATE SCHOOL (GROUNDS BUILDING), 1050 S. 5TH STREET, CHESTERTON, INDIANA 46304
TRIA PROJECT#: 21-011

GENERAL BUILDING CODE REQUIREMENTS

BUILDING CODES REFERENCED:
2012 INTERNATIONAL BUILDING CODE WITH 2014 INDIANA AMENDMENTS
2006 INTERNATIONAL PLUMBING CODE 2ND EDITION AMENDED INDIANA 2012
2008 NATIONAL ELECTRICAL CODE WITH 2009 INDIANA AMENDMENTS
2012 INTERNATIONAL MECHANICAL CODE WITH 2014 INDIANA AMENDMENTS
INDIANA ENERGY CONSERVATION CODE 2010
2012 INTERNATIONAL FIRE CODE WITH 2014 INDIANA AMENDMENTS
2012 INTERNATIONAL FUEL GAS CODE 2ND EDITION WITH 2014 INDIANA AMENDMENTS

OCCUPANCY CLASSIFICATION:
EDUCATIONAL GROUP E

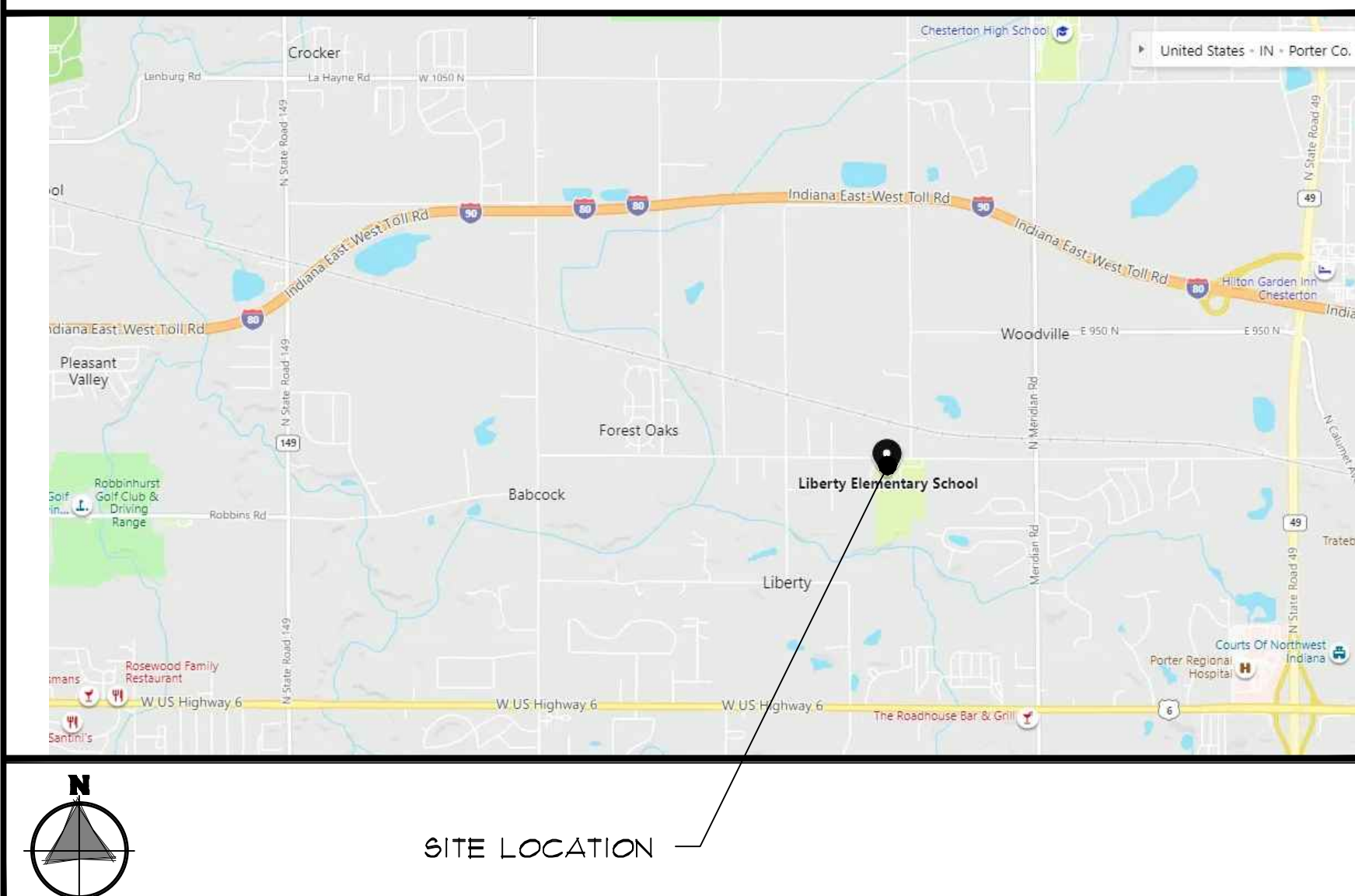
TYPE OF CONSTRUCTION:
EXISTING: II-B

DESIGN FIRM REGISTRATION:
THOMAS R. SZURGOT
INDIANA LICENSE NUMBER: *A10800173

SCHOOL BOARD

PRESIDENT	BRANDON KROFT
VICE PRESIDENT	ALAYNA LIGHTFOOT FOL
BOARD SECRETARY	TOM SCHNABEL
BOARD MEMBER	RONALD STONE
BOARD MEMBER	TIM MCGINTY
SUPERINTENDENT	DR. CHIP PETTIT

SITE LOCATION MAP



SET 1 OF 2 - DRAWING INDEX FOR LIBERTY ELEMENTARY SCHOOL

T1.00 TITLE SHEET, SITE LOCATION MAP, INDEX, AND GENERAL BUILDING CODE REQUIREMENTS

ARCHITECTURAL

A00.00 SYMBOLS AND ABBREVIATIONS AND TYPICAL MOUNTING HEIGHTS
A01.0 PARTIAL EXISTING PLANS
A11.0 PARTIAL FLOOR PLAN, ROOM FINISH SCHEDULE, AND NOTES
A111 PARTIAL REFLECTED CEILING PLAN, DOOR AND FRAME SCHEDULE, WALL TYPES, AND NOTES

ELECTRICAL

E11.0 PARTIAL FLOOR PLANS - ELECTRICAL

PLUMBING

P11.0 PARTIAL FLOOR PLANS - PLUMBING
P4.00 NOTES, DETAILS AND ABBREVIATIONS - PLUMBING

ARCHITECT:

TRIA ARCHITECTURE, INC.

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Chesterton, Indiana 46304

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www.TriaArchitecture.com

M.E.P. CONSULTANT:

OAS, LLC.

769 Heartland Dr., Unit A
Sugar Grove, Illinois 60554

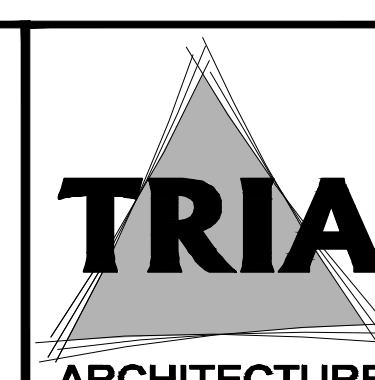
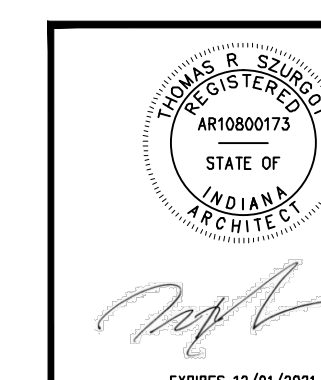
Phone: 630.538.1996
www.oasllc.net

ISSUED FOR PROPOSAL:

MAY 7, 2021

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REVISIONS:

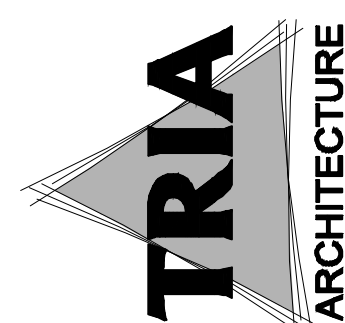
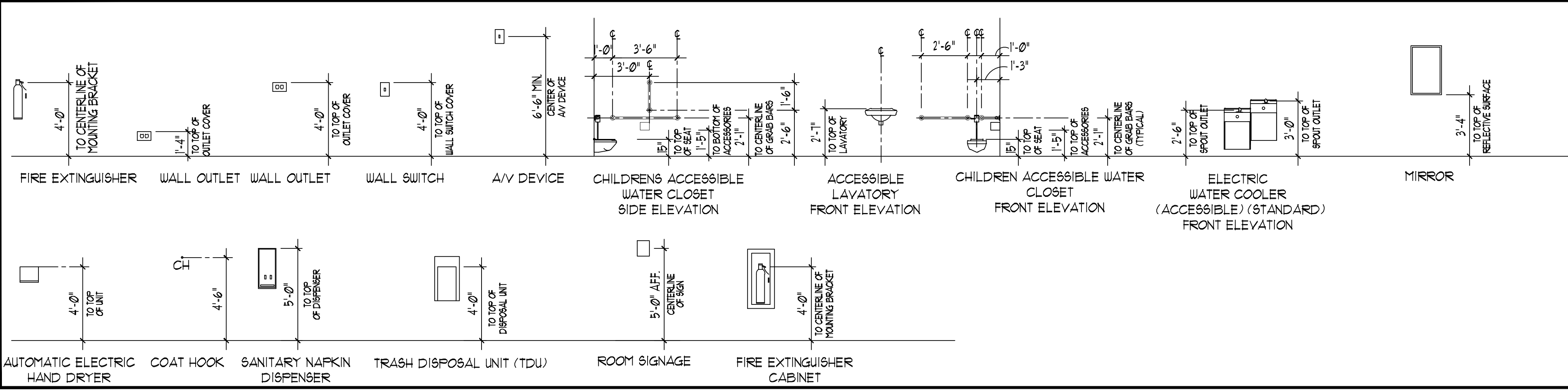
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SET 1 OF 2

ARCHITECTURAL SYMBOLS AND ABBREVIATIONS

<div><div>X</div><div>X</div></div> <div>EXIT X</div>	SAFETY REFERENCE ROOM INFORMATION TAG	<div></div> <div>2'x4' RECESSED FLUORESCENT FIXTURE</div>	CJ	CONTROL JOINT	PTD	PAPER TOWEL DISPENSER
<div><div>EXIT X</div><div>X</div><div>X</div></div>	SAFETY REFERENCE EXIT INFORMATION TAG	<div>○</div> <div>RECESSED DOWNLIGHT</div>	CT	CERAMIC TILE	PTTD	PAPER TOWEL TRASH DISPOSAL
<div><div>-----></div><div>100'</div></div>	SAFETY REFERENCE EGRESS PATH	<div>⊠</div> <div>HVAC SUPPLY</div>	CMU	CONCRETE MASONRY UNIT	RBR	RUBBER
<div><div>└─┐</div></div>	BREAK LINE	<div>⊠</div> <div>HVAC RETURN</div>	CP	CONDENSATE PIPE	RBB	RUBBER BASE
<div><div>⬢</div><div>X</div></div>	WINDOW TAG	<div><div>▢</div><div>▢</div></div> <div>S.A.T. CEILING</div>	CPT	CARPET	RBT	RUBBER TILE FLOORING
<div><div>○</div><div>X</div></div>	DOOR TAG	<div><div>▢</div><div>▢</div></div> <div>PLASTER OR GYP. BD.</div>	CU	CONDENSING UNIT	RD	ROOF DRAIN
<div><div>⬆</div><div>N</div></div>	NORTH ARROW		DF	DRINKING FOUNTAIN	RH	ROOF HATCH
<div><div>⬆</div><div>X</div><div>XXXX</div></div>	SECTION TAG		DS	DOWNSPOUT	RTU	ROOFTOP UNIT
<div><div>⬆</div><div>X</div><div>XXXX</div></div>	ELEVATION TAG		EF	EXHAUST FAN	RST	RUBBER STAIR TREADS AND RISERS
<div><div>⬆</div><div>X</div><div>TITLE</div><div>1'-0" = 1'-0"</div></div>	DETAIL TAG / DRAWING TITLE		EP	ELECTRICAL PENETRATION	REF	REFRIGERATOR
<div><div>──</div><div>XX</div></div>	WALL TYPE TAG		EQ	EQUAL	SAT	SUSPENDED ACOUSTICAL TILE
<div><div>○</div><div>---</div></div>	COLUMN LINE TAG		ETR	EXISTING TO REMAIN	SD	SOAP DISPENSER
<div><div>---</div><div>---</div></div>	ELEVATION TAG (HEIGHT)		EWC	ELECTRIC WATER CHILLER	SGT	STRUCTURAL GLAZED TILE
<div><div>⬢</div><div>X</div></div>	REMODELING NOTE TAG		EX	EXISTING	SIM	SIMILAR
<div><div>⬢</div><div>X</div></div>	DEMOLITION NOTE TAG		EXP	EXPOSED	SND	SANITARY NAPKIN DISPOSAL
<div><div>▢</div><div>X</div></div>	ROOF INSULATION TAGS		FD	FLOOR DRAIN	SNP	SANITARY NAPKIN DISPENSER
<div><div>X</div><div>X</div><div>X</div><div>X</div></div>	ROOM NAME TAG		F.E.	FIRE EXTINGUISHER	STL	STEEL
			F.E.C.	FIRE EXTINGUISHER CABINET	TDU	TRASH DISPOSAL UNIT
			FP	FIRE PROTECTION	TRZ	TERRAZZO
			GB	GRAB BAR	TTD	TOILET TISSUE DISPENSER
			GP	GAS PIPING	TV	TELEVISION
			GYP.	GYPSUM BOARD	TYP	TYPICAL
			HC	HANDICAPPED ACCESSIBLE	UR	URINAL
			HM	HOLLOW METAL	VCT	VINYL COMPOSITE TILE
			LAV	LAVATORY	V.I.F.	VERIFY IN FIELD
			M.E.	MATCH EXISTING	VP	VENT PIPE
			M	MIRROR	WC	WATER CLOSET
			MO	MASONRY OPENING	WD	WOOD
			MTL	METAL	WF	WASH FOUNTAIN
			MUA	MAKE-UP AIR		
			N.I.C.	NOT IN CONTRACT		
			OH	OPPOSITE HAND		
			PL	PLASTER		
			PRT	PORCELAIN TILE		
			PT	PAINT		

TYPICAL MOUNTING HEIGHTS



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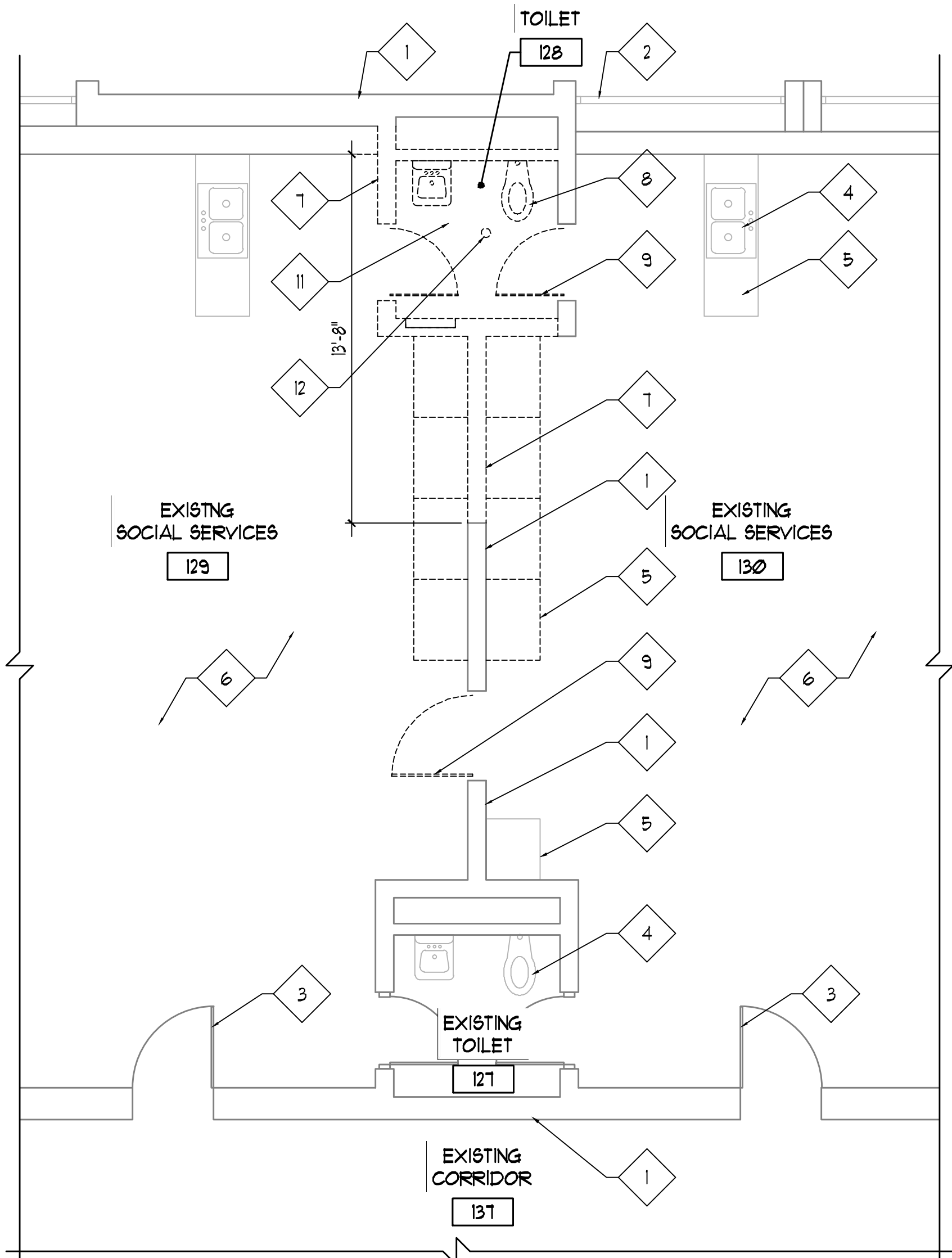
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PROJECT NUMBER: 21-01	REVISIONS:
PROJECT MANAGER: TBS	1
DRAWN BY: JTB	2
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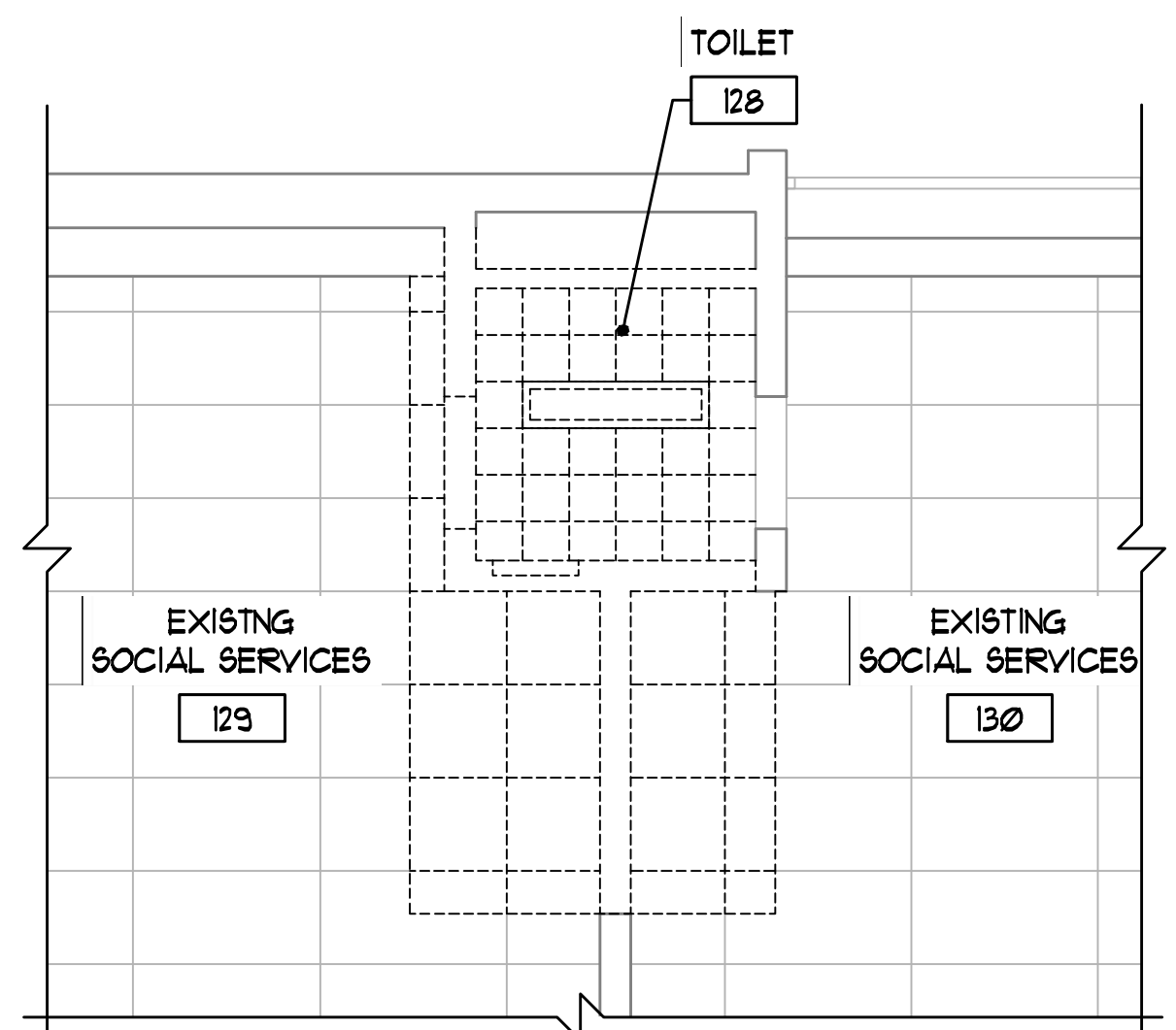
ARCHITECTURAL SYMBOLS AND ABBREVIATIONS AND TYPICAL MOUNTING HEIGHTS



AG0.00



1 PARTIAL EXISTING FLOOR PLAN
1/4" = 1'-0"



2 PARTIAL EXISTING REFLECTED CEILING PLAN
1/4" = 1'-0"

EXISTING PLAN REFERENCED NOTES

- EXISTING WALL CONSTRUCTION TO REMAIN - PROTECT DURING CONSTRUCTION.
- EXISTING WINDOW SYSTEM TO REMAIN - PROTECT DURING CONSTRUCTION.
- EXISTING DOOR AND FRAME TO REMAIN - PROTECT DURING CONSTRUCTION.
- EXISTING PLUMBING FIXTURE TO REMAIN - PROTECT DURING CONSTRUCTION.
- EXISTING CASEWORK TO REMAIN - PROTECT DURING CONSTRUCTION.
- EXISTING FLOOR FINISH TO REMAIN - PROTECT DURING CONSTRUCTION.
- EXISTING WALL TO BE REMOVED.
- EXISTING PLUMBING FIXTURE TO BE REMOVED - REFER TO PLUMBING DRAWINGS.
- EXISTING DOOR AND FRAME SYSTEM TO BE REMOVED.
- EXISTING CASEWORK TO BE REMOVED.
- EXISTING FLOOR FINISH AND ASSOCIATED WALL BASE TO BE REMOVED.
- EXISTING FLOOR DRAIN TO RECEIVE NEW GRATE.

EXISTING PLAN GENERAL NOTES

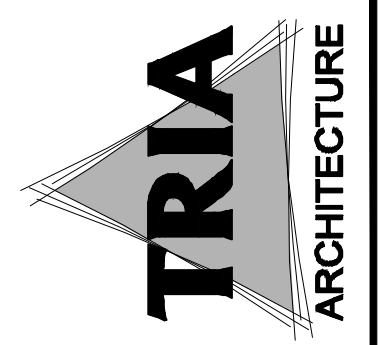
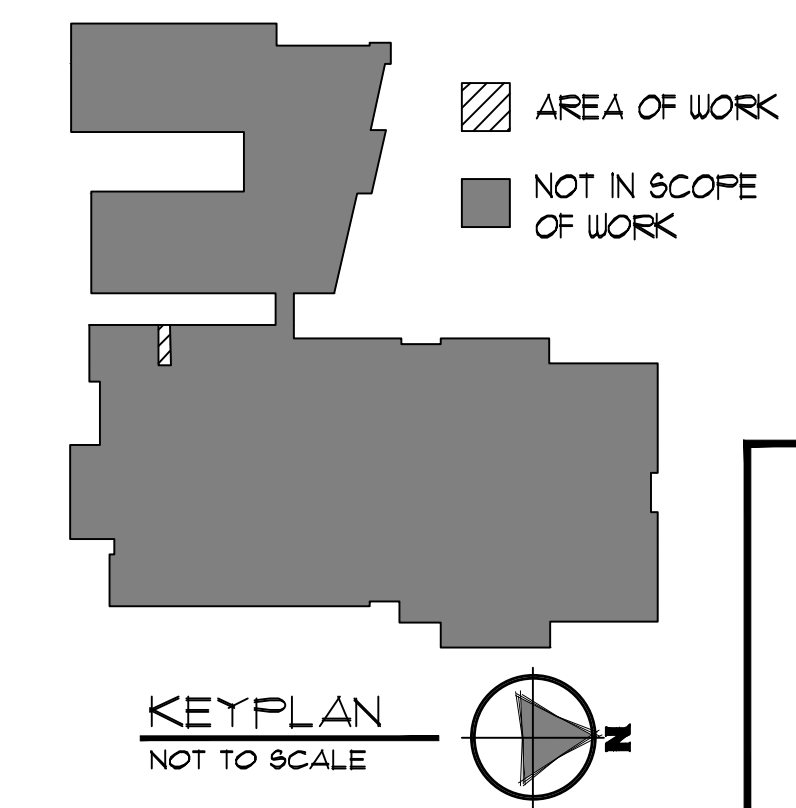
- REFER TO FLOOR PLANS FOR SCOPE OF NEW WORK.
- FIELD VERIFY ALL EXISTING CONDITIONS. IN THE EVENT THAT AN ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM. ITEMS SHOWN ARE INDICATED TO GIVE A GENERAL SCOPE OF WORK. ANY ITEMS REQUIRING REMOVAL/DEMOLITION TO PROPERLY PERFORM CONTRACT WORK BUT NOT SPECIFICALLY SHOWN, SHALL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST, PROVIDING THE CONDITION WAS VISIBLE DURING BIDDING.
- SHORE OR BRACE ALL EXISTING CONSTRUCTION AS REQUIRED TO PERFORM WORK.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING, CUTTING, PATCHING, INFILLING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT OF BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. ALL PATCHING, REPAIRING, AND REFINISHING SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION.
- REMOVE ALL EQUIPMENT LOCATED ON OR WITHIN WALL CONSTRUCTION SCHEDULED TO BE REMOVED, SO AS TO NOT DISRUPT EXISTING BUILDING OPERATIONS. DISCONNECT ALL ELECTRICAL WIRING, PULL WIRE BACK TO NEAREST JUNCTION BOX OR TO SERVICE.
- PROTECT ALL EXISTING FINISHES, EQUIPMENT, AND ADJACENT WORK NOT SCHEDULED TO BE REMOVED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED FINISHES, EQUIPMENT, OR ADJACENT SURFACES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL, EQUIPMENT OR FIXTURE TO BE REMOVED.
- WHERE POSSIBLE - RUN NEW ELECTRICAL WORK INSIDE WALL AND CEILING CONSTRUCTION (NEW AND EXISTING) - REMOVE EXISTING WALL/CEILING CONSTRUCTION SCHEDULED TO REMAIN AS REQUIRED TO PERFORM WORK INDICATED - PATCH ALL CONSTRUCTION TO PROVIDE A FINISHED CONDITION.
- REMOVE/RELOCATE ALL ACCESSORIES ON WALL CONSTRUCTION TO BE REMOVED.
- GENERAL CONTRACTOR TO COORDINATE ALL ARCHITECTURAL WORK WITH INDICATED MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION WORK - NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PERFORMING WORK.
- PATCH ALL EXISTING OPENINGS AT ALL EQUIPMENT SCHEDULED TO BE REMOVED, INCLUDING ABOVE CEILING- MATCH EXISTING WALL CONSTRUCTION IN MATERIAL THICKNESS, SIZE AND COLOR, UNLESS NOTED OTHERWISE - REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS.
- ALL EXISTING FLOOR FINISH SCHEDULED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION - CONTRACTOR TO PROVIDE FLYWOOD, MDF AND/OR PLASTIC AS REQUIRED TO PROTECT FLOORING FROM DAMAGE DURING CONSTRUCTION - ANY DAMAGE TO BE REPAIRED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- OWNER TO REMOVE AND REINSTALL ALL LOOSE FURNITURE AND ELECTRONIC EQUIPMENT UNLESS OTHERWISE NOTED - CONTRACTOR TO COORDINATE MOVING SCOPE AND STORAGE LOCATIONS WITH OWNER PRIOR TO BEGINNING ANY WORK.

LEGEND

- SUSPENDED ACOUSTICAL TILE CEILING TO REMAIN - PROTECT DURING CONSTRUCTION.
- SUSPENDED ACOUSTICAL TILE CEILING TO BE REMOVED IN ITS ENTIRETY. REMOVE ALL LIGHTS, LOUVERS, AND OTHER DEVICES.
- LIGHT FIXTURE TO BE REMOVED - REFER TO ELECTRICAL DRAWINGS
- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING CONSTRUCTION TO REMAIN

EXISTING REFLECTED CEILING PLAN
GENERAL NOTES

- ALL EXISTING CEILING SYSTEMS, LIGHTS, EQUIPMENT AND CEILING MOUNTED SPEAKERS TO BE REMOVED IN THEIR ENTIRETY WHERE INDICATED - REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS.
- REFER TO ELECTRICAL PLANS FOR ADDITIONAL CEILING MOUNTED DEVICES AND EQUIPMENT TO BE REMOVED.
- CONTRACTOR TO VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO BEGINNING WORK ON ANY CEILING SCHEDULED TO RECEIVE WORK.
- FIELD VERIFY ALL EXISTING CONDITIONS. IN THE EVENT THAT AN ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM. ITEMS SHOWN ARE INDICATED TO GIVE A GENERAL SCOPE OF WORK. ANY ITEMS REQUIRING REMOVAL/DEMOLITION TO PROPERLY PERFORM CONTRACT WORK BUT NOT SPECIFICALLY SHOWN, SHALL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST, PROVIDING THE CONDITION WAS VISIBLE DURING BIDDING.
- SHORE OR BRACE ALL EXISTING CONSTRUCTION AS REQUIRED TO PERFORM DEMOLITION WORK.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING, CUTTING, PATCHING, INFILLING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT OF BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. ALL PATCHING, REPAIRING, AND REFINISHING SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION.
- PROTECT ALL EXISTING FINISHES, EQUIPMENT, AND ADJACENT WORK NOT SCHEDULED TO BE REMOVED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED FINISHES, EQUIPMENT, OR ADJACENT SURFACES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED.



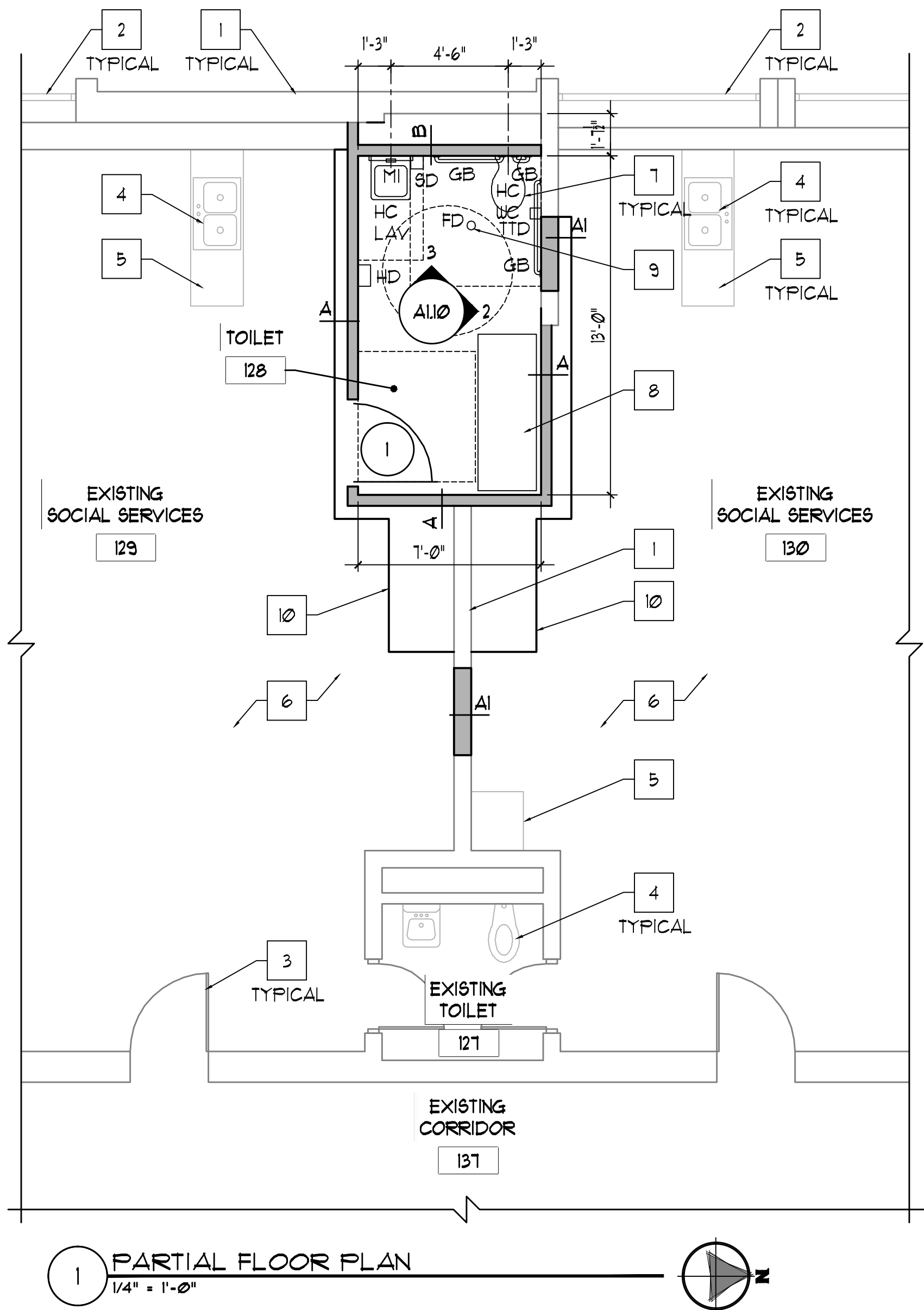
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7601 FERRIS DR., SUITE 100, ELK GROVE, ILLINOIS 60120 (630) 530-1996

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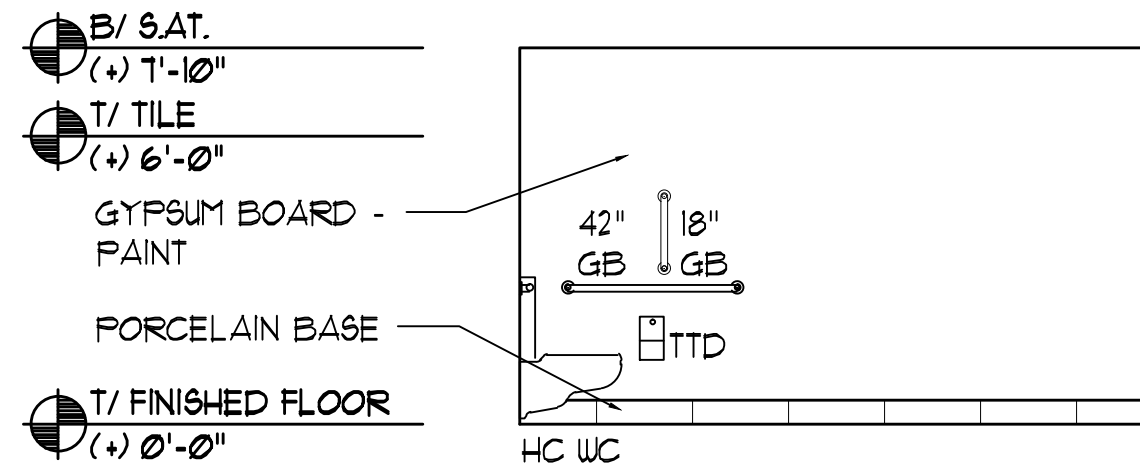
PROJECT NUMBER: 21-01	DATE: 05/10/2021
PROJECT MANAGER: TBS	DATE: 05/10/2021
DRAWN BY: JBT	DATE: 05/10/2021
ISSUED FOR PROPOSAL: 5/10/21	DATE: 05/10/2021
PARTIAL EXISTING PLANS	

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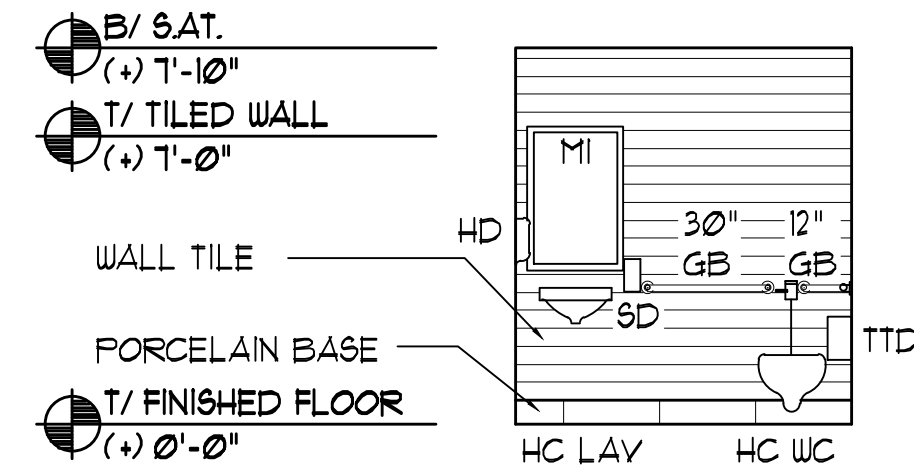
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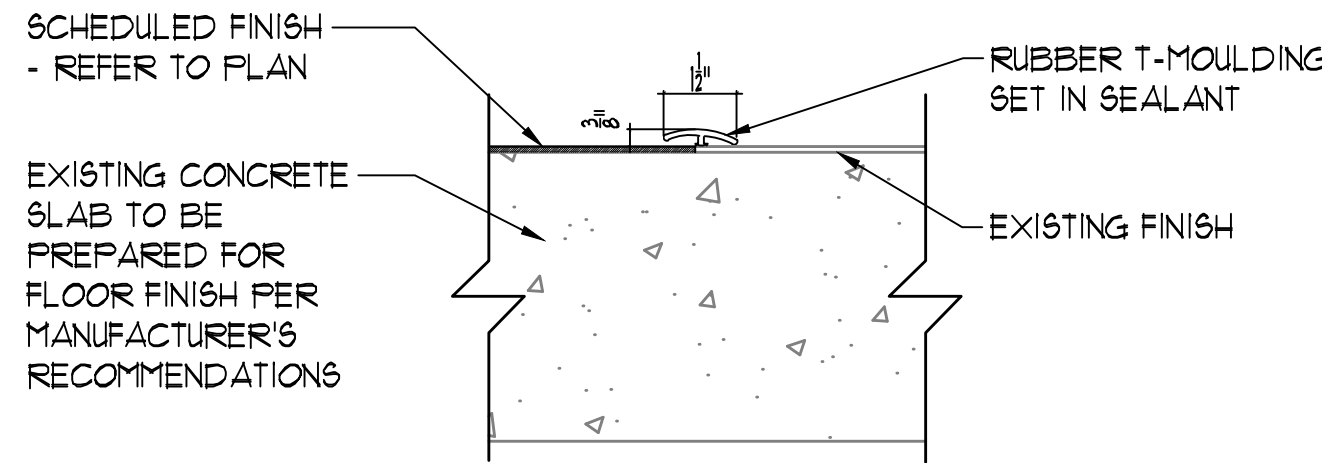
1 PARTIAL FLOOR PLAN
1/4" = 1'-0"



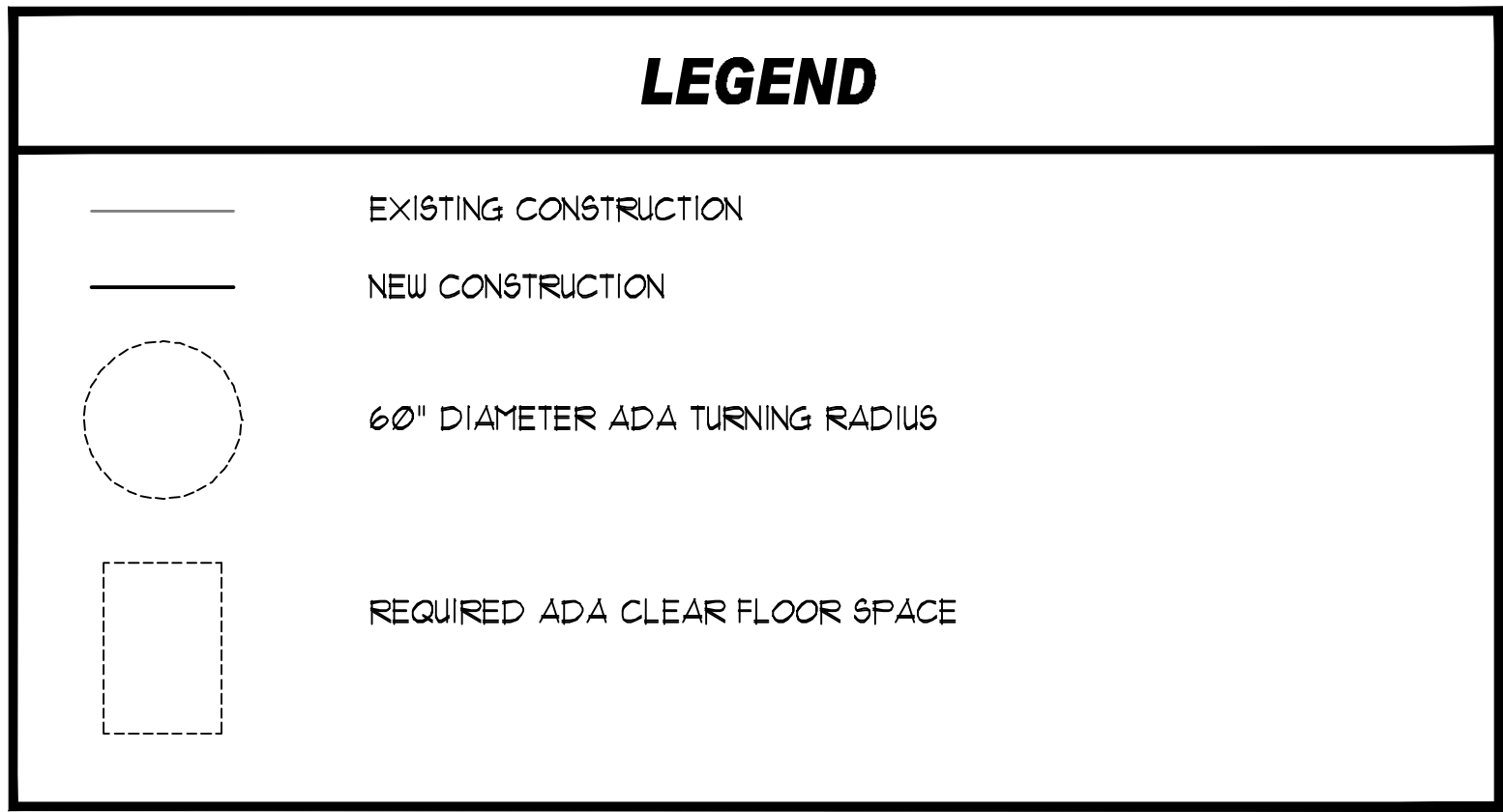
2 INTERIOR ELEVATION
1/4" = 1'-0"



3 INTERIOR ELEVATION
1/4" = 1'-0"



4 TRANSITION DETAIL
3/4" = 1'-0"



FLOOR PLAN GENERAL NOTES

- VERIFY EXACT DIMENSIONS OF ALL EXISTING CONDITIONS IN FIELD. GENERAL CONTRACTOR TO VERIFY AND COORDINATE ALL LAY OUTS AMONG ALL TRADES AFFECTED - NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION BY ANY TRADE.
- REFER TO PROJECT MANUAL FOR PRODUCTS, MATERIALS, PROCEDURES AND ADDITIONAL INFORMATION NOT COVERED IN DRAWINGS.
- PROTECT ALL EXISTING FINISHES, EQUIPMENT, AND ADJACENT WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED FINISHES, EQUIPMENT, OR ADJACENT SURFACES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- PATCH EXISTING CONSTRUCTION AT ALL LOCATIONS OF ITEMS SCHEDULED TO BE REMOVED. FINISH TO MATCH ADJACENT SURFACES IN MATERIAL AND TEXTURE. TOOTH-IN ALL MASONRY IN WHOLE UNITS.
- PATCH AND SMOOTH EXISTING FLOOR TO MATCH ADJACENT SURFACES AS REQUIRED TO INSTALL NEW FLOOR FINISH.
- AT ALL FLOOR SLABS TO RECEIVE FLOOR FINISH, CONTRACTOR SHALL GRIND HIGH SPOTS, FILL DEPRESSIONS AND INFILL ANY UNUSED PENETRATIONS IN THE FLOOR SLAB WITH A MATERIAL SUITABLE TO THE FLOORING MANUFACTURER. ALL CRACKS LARGER THAN 1/8" ARE TO BE GROUND OUT AND FILLED AS PER THE MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE LINTELS ABOVE ALL DOORS, PENETRATIONS, LOUVERS, ETC. IN MASONRY WALLS - REFER TO LINTEL SCHEDULE ON STRUCTURAL DRAWINGS - REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL LINTEL LOCATIONS REQUIRED DUE TO DUCT PENETRATIONS, ETC.
- PATCH, PAINT, AND CLEAN EXISTING WALLS, FLOORS, AND CEILINGS AT ITEMS SCHEDULED TO BE REMOVED.
- REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING WALL CONSTRUCTION AS REQUIRED TO INSTALL MECHANICAL, PLUMBING, AND ELECTRICAL WORK - PATCH WALLS AT REMOVED MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT TO BE REMOVED.
- CUT, CORE, AND PATCH CONCRETE SLABS AS REQUIRED TO INSTALL PLUMBING, MECHANICAL, AND ELECTRICAL WORK.
- OWNER TO REMOVE AND REINSTALL ALL LOOSE FURNITURE AND ELECTRONIC EQUIPMENT UNLESS OTHERWISE NOTED - CONTRACTOR TO COORDINATE MOVING SCOPE AND STORAGE LOCATIONS WITH OWNER PRIOR TO BEGINNING ANY WORK.

FLOOR PLAN REFERENCED NOTES

- EXISTING WALL CONSTRUCTION - PROTECT DURING CONSTRUCTION.
- EXISTING WINDOW SYSTEM - PROTECT DURING CONSTRUCTION.
- EXISTING DOOR AND FRAME - PROTECT DURING CONSTRUCTION.
- EXISTING PLUMBING FIXTURE - PROTECT DURING CONSTRUCTION.
- EXISTING CASEWORK - PROTECT DURING CONSTRUCTION.
- EXISTING FLOOR FINISH - PROTECT DURING CONSTRUCTION.
- PLUMBING EQUIPMENT - REFER TO PLUMBING DRAWINGS.
- CHANGING STATION (BY OWNER).
- NEW GRATE AT EXISTING FLOOR DRAIN - ADJUST AS REQUIRED FOR NEW FLOOR.
- PATCH FLOORING AT NEW WALLS AND REMOVED CASEWORK.

ABBREVIATIONS

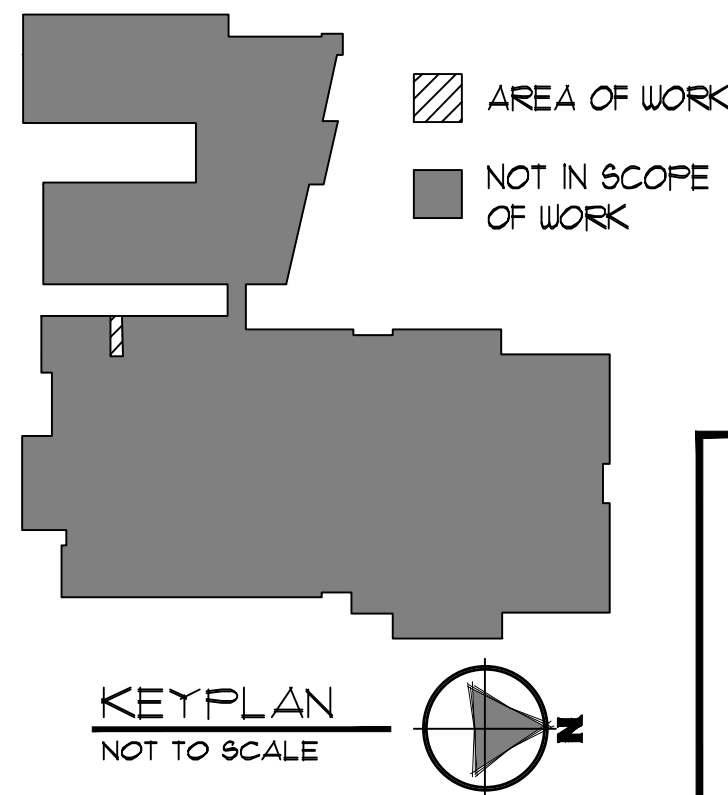
FD	- FLOOR DRAIN
GB	- GRAB BAR
HC LAV	- HANDICAPPED ACCESSIBLE LAVATORY
MI	- ADA MIRROR
TTD	- TOILET TISSUE DISPENSER
SD	- SOAP DISPENSER
HC WC	- HANDICAPPED ACCESSIBLE WATER CLOSET
UR	- URINAL

FLOOR FINISH PLAN GENERAL NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL PRODUCT INFORMATION.
- MAKE EXISTING FLOOR SLAB SMOOTH AND FLAT TO FLOOR FINISH MANUFACTURER'S TOLERANCE WITH MATERIAL SUITABLE TO FLOOR FINISH MANUFACTURER PRIOR TO INSTALLATION.
- ALL TRANSITIONS BETWEEN DISSIMILAR FLOORING MATERIALS ARE TO RECEIVE A NEW TRANSITION STRIP - REFER TO TRANSITION DETAIL 4/A1.10.
- PROVIDE WALL BASE AT LOCATIONS OF NEW FLOORING OR NEW WALL CONSTRUCTION.
- AREAS OF RESILIENT FLOORING ARE TO RECEIVE RUBBER COVERED BASE - VERIFY WITH BUILDING STANDARD.
- AT AREAS WHERE PATCHING OF WALL BASE IS REQUIRED - FINISH TO MATCH ADJACENT IN MATERIAL, COLOR, HEIGHT, FINISH AND PROFILE.
- DO NOT PAINT PREFINISHED ITEMS.
- FLOOR DRAINS AND CLEANOUT COVERS ARE TO BE FLUSH WITH FINISHED FLOORING.
- AT AREAS WHERE MECHANICAL EQUIPMENT HAS BEEN REMOVED - PATCH AND PAINT EXISTING EXPOSED CONSTRUCTION - MATCH ADJACENT EXISTING CONSTRUCTION IN MATERIAL, TEXTURE, SIZE, FINISH AND COLOR.
- FLOORING SHALL BE STABLE, FIRM AND SLIP-RESISTANT.
- TRANSITIONS IN FLOOR FINISHES, COLORS, OR PATTERNS ARE TO OCCUR AT THE CENTER OF DOORS UNLESS NOTED OTHERWISE.
- CONTRACTOR TO VERIFY CONDITIONS AT EACH TRANSITION AND SIZE REDUCERS ACCORDINGLY.
- PAINT NEW WALL CONSTRUCTION WHERE EXPOSED TO VIEW.

ROOM FINISH SCHEDULE LEGEND

PT-1	PAINT COLOR 1 - GENERAL FIELD COLOR
PT-2	PAINT COLOR 2 - INTERIOR METAL FRAMES
PRT-1	PORCELAIN TILE - REFER TO SPECIFICATIONS FOR PATTERN AND COLOR
SAT-1	SUSPENDED ACOUSTICAL TILE CEILING



A1.10

SET 1 OF 2

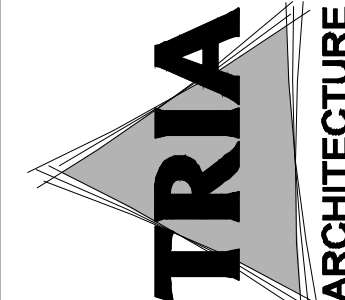
DUNELAND SCHOOL CORPORATION

2021 TOILET RENOVATIONS AT:

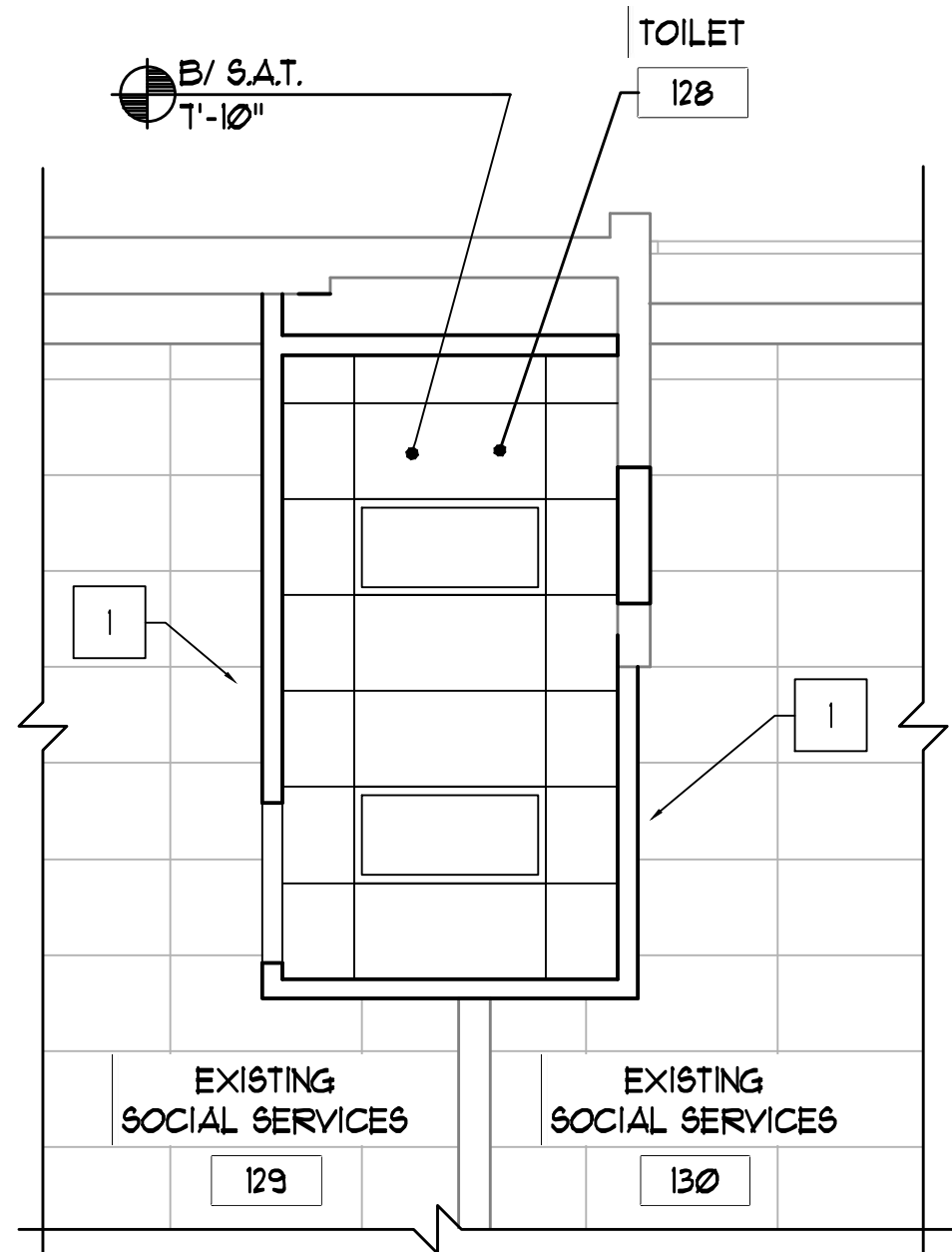
LIBERTY ELEMENTARY SCHOOL

50-1 W 900 N, CHESTERTON, INDIANA 46304

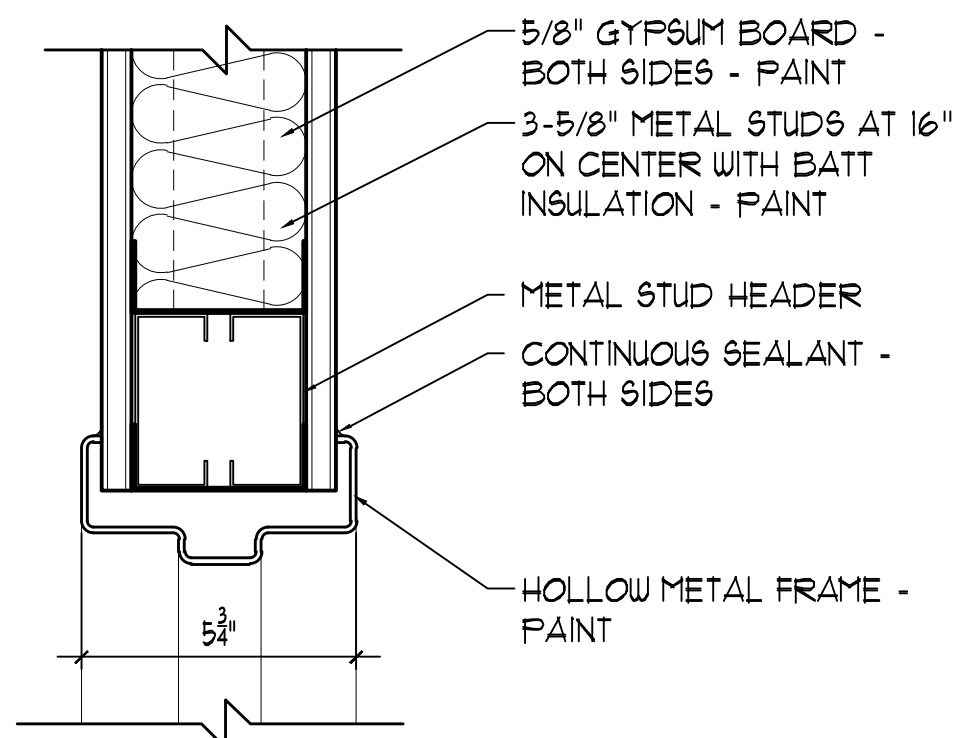
PROJECT NUMBER: 21-01	DATE: 12/01/2021
PROJECT MANAGER: TBS	PROJECT MANAGER: TBS
DRAWN BY: JBT	DRAWN BY: JBT
ISSUED FOR PROPOSAL: 5/1/21	ISSUED FOR PROPOSAL: 5/1/21
PARTIAL FLOOR PLAN, ROOM FINISH SCHEDULE AND NOTES	PARTIAL FLOOR PLAN, ROOM FINISH SCHEDULE AND NOTES



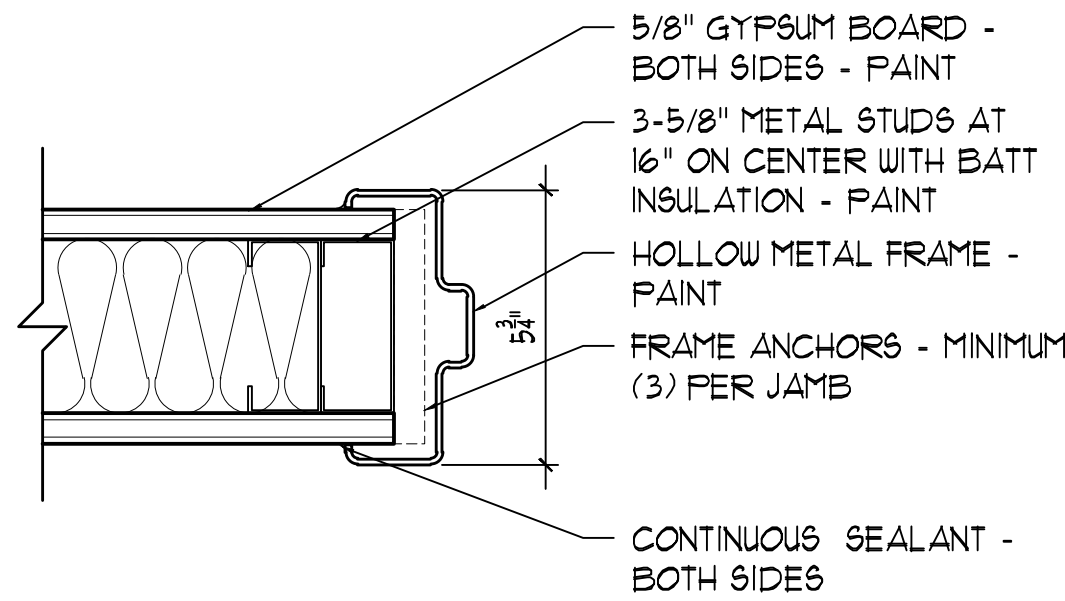
NEEPE CONSULTANT:
DAS
700 PEARSON DR., UNIT A, SUITE 100, LINDSAY, ONTARIO L4S 1P6



1 PARTIAL REFLECTED CEILING PLAN
1/4" = 1'-0"

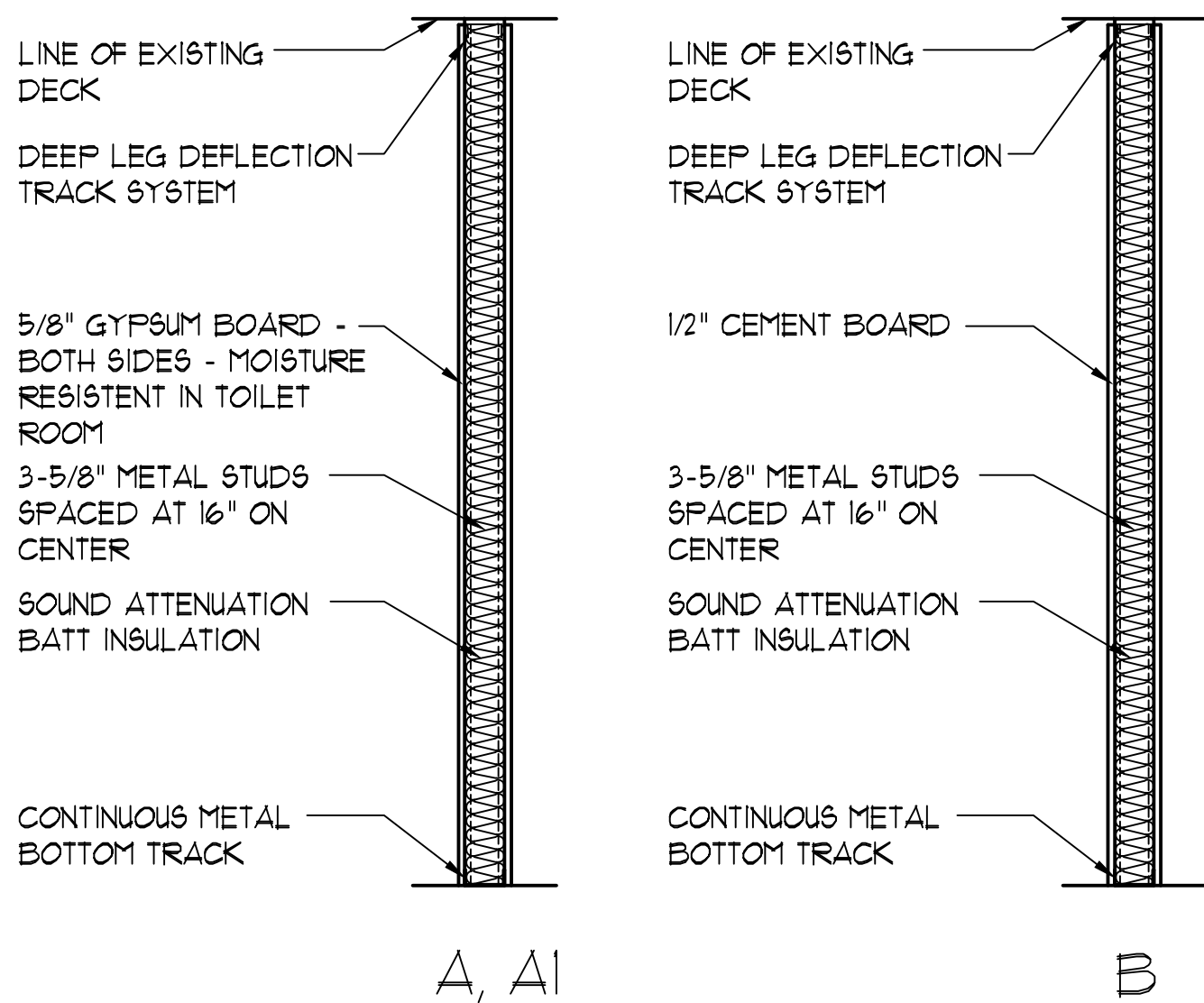


2 HEAD DETAIL
3" = 1'-0"



3 JAMB DETAIL
3" = 1'-0"

NOTE:
AT A1 - MATCH EXISTING
WALL THICKNESS



WALL TYPES
NOT TO SCALE

DOOR AND FRAME GENERAL NOTES

- CONTRACTOR TO VERIFY DIMENSIONS, QUANTITIES AND CONDITIONS OF ALL ROUGH OPENINGS IN FIELD.
- REFER TO WALL TYPES FOR WALL CONSTRUCTION AT DOOR LOCATIONS.
- REFER TO SPECIFICATIONS FOR DESCRIPTIONS OF HARDWARE SETS.
- ALL EXPOSED ANCHORS ON HOLLOW METAL FRAMES ARE TO BE COUNTERSUNK INTO FRAMES, COVERED IN BONDO, SANDED SMOOTH, AND PAINTED TO MATCH FRAME.
- HEIGHT OF DOOR OPERATING HARDWARE SHALL BE NO LESS THAN 34" AND NO MORE THAN 48" ABOVE FINISHED FLOOR. COORDINATE EXACT HEIGHT WITH OWNER AND ARCHITECT.
- DOOR HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, FINCHING, OR TWISTING OF THE WRIST TO OPERATE.
- DOOR OPERATING FORCE SHALL NOT EXCEED:
EXTERIOR HINGED DOORS: 8.5 LB
INTERIOR HINGED DOORS: 5 LB

WALL TYPE GENERAL NOTES

- WALL TYPES TO EXTEND ABOVE AND BELOW OPENINGS AND PENETRATIONS.
- WALL TYPES TO EXTEND UP AND AROUND INTERFERENCES TO UNDERSIDE OF ROOF DECK ABOVE

LEGEND

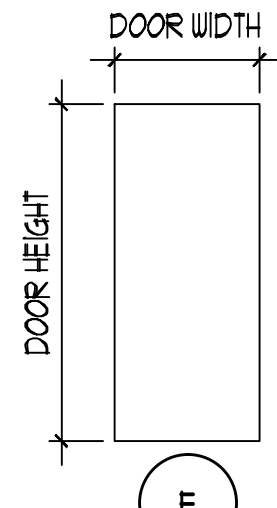
- SUSPENDED ACOUSTICAL TILE CEILING TO REMAIN - PROTECT DURING CONSTRUCTION.
- 2'x4' SUSPENDED ACOUSTICAL TILE CEILING SYSTEM
- 2' X 4' EXISTING RECESSED LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- 2' X 4' RECESSED LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- EXISTING MECHANICAL SUPPLY DIFFUSER - REFER TO MECHANICAL DRAWINGS
- EXISTING MECHANICAL RETURN/EXHAUST GRILLE - REFER TO MECHANICAL DRAWINGS
- MECHANICAL SUPPLY DIFFUSER - REFER TO MECHANICAL DRAWINGS
- MECHANICAL RETURN/EXHAUST GRILLE - REFER TO MECHANICAL DRAWINGS

REFLECTED CEILING PLAN GENERAL NOTES

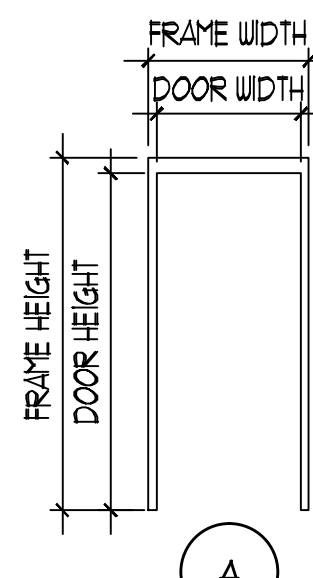
- REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL AREAS OF ABOVE CEILING WORK. REMOVE AND PATCH /OR RE-INSTALL EXISTING CEILINGS IN THESE LOCATIONS ONLY AS REQUIRED TO PROVIDE WORK INDICATED TO OCCUR PRIOR TO PHASE OF CEILING WORK.
- CONTRACTOR TO VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO BEGINNING WORK ON ANY CEILING SCHEDULED TO RECEIVE WORK.
- FIELD VERIFY ALL EXISTING CONDITIONS. IN THE EVENT THAT AN ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM. ITEMS SHOWN ARE INDICATED TO GIVE A GENERAL SCOPE OF WORK. ANY ITEMS REQUIRING REMOVAL/DEMOLITION TO PROPERLY PERFORM CONTRACT WORK BUT NOT SPECIFICALLY SHOWN, SHALL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST, PROVIDING THE CONDITION WAS VISIBLE DURING BIDDING.
- SHORE OR BRACE ALL EXISTING CONSTRUCTION AS REQUIRED TO PERFORM WORK.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING, CUTTING, PATCHING, INFILLING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT OF BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. ALL PATCHING, REPAIRING, AND REFINISHING SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION.
- PROTECT ALL EXISTING FINISHES, EQUIPMENT, AND ADJACENT WORK NOT SCHEDULED TO BE REMOVED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED FINISHES, EQUIPMENT, OR ADJACENT SURFACES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED.

REFLECTED CEILING PLAN REFERENCED NOTES

- MODIFY EXISTING GRID AND REPLACE CEILING TILES TO FIT NEW WORK. PROVIDE NEW EDGE ANGLES TO MATCH EXISTING AT NEW WALL CONSTRUCTION.



DOOR TYPES
NOT TO SCALE



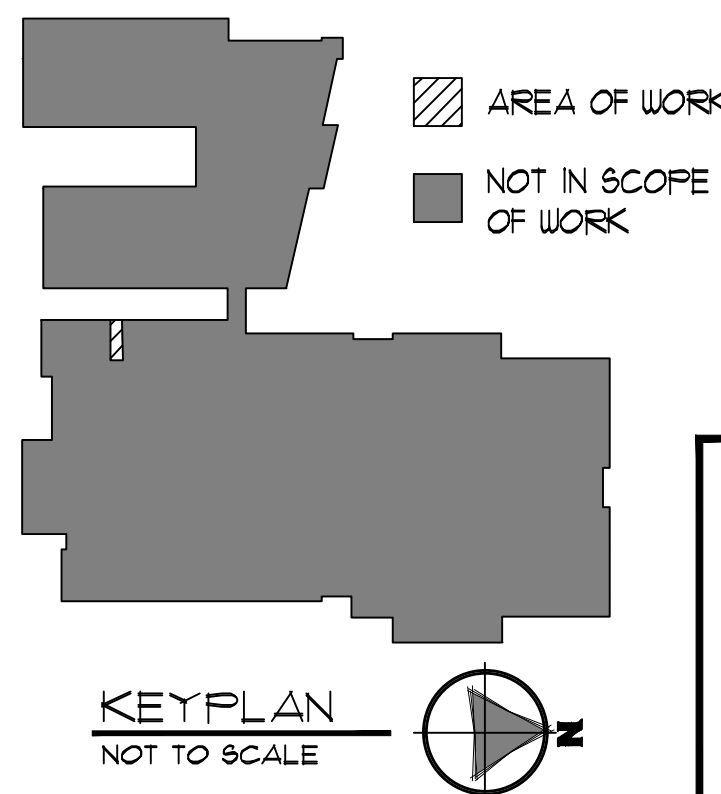
FRAME TYPES
NOT TO SCALE

DOOR AND FRAME SCHEDULE

OP'NG NO.	DOOR					FRAME					FRAME DETAILS				ROOM
	SIZE	TYPE	MAT'L	HW SET	PROT. RATING HOURS	SIZE	TYPE	MAT'L	PROT. RATING HOURS	REF. NOTES	HEAD	JAMB	JAMB	SILL	
1	3'-0" x 7'-0"	F	WD	2	-	3'-4" x 7'-2"	A	HM	-	-	2/A1.10	3/A1.10	3/A1.10	-	TOILET

DOOR AND FRAME ABBREVIATIONS

HM HOLLOW METAL
WD WOOD
TYP TYPICAL



KEYPLAN
NOT TO SCALE

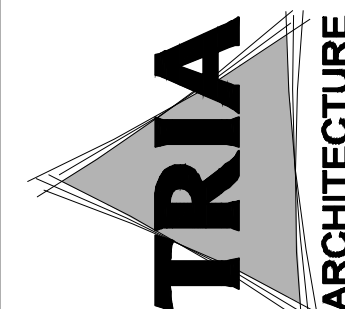


A1.11

SET 1 OF 2

DUNELAND SCHOOL CORPORATION
2021 TOILET RENOVATIONS AT:
LIBERTY ELEMENTARY SCHOOL
50-1 W 900 N, CHESTERTON, INDIANA 46304

PROJECT NUMBER: 21-01
PROJECT MANAGER: TBS
DESIGNER: JTB
DATE: 05/10/21
PARTIAL REFLECTED CEILING PLAN,
DOOR AND FRAME SCHEDULE, WALL TYPES,
AND NOTES



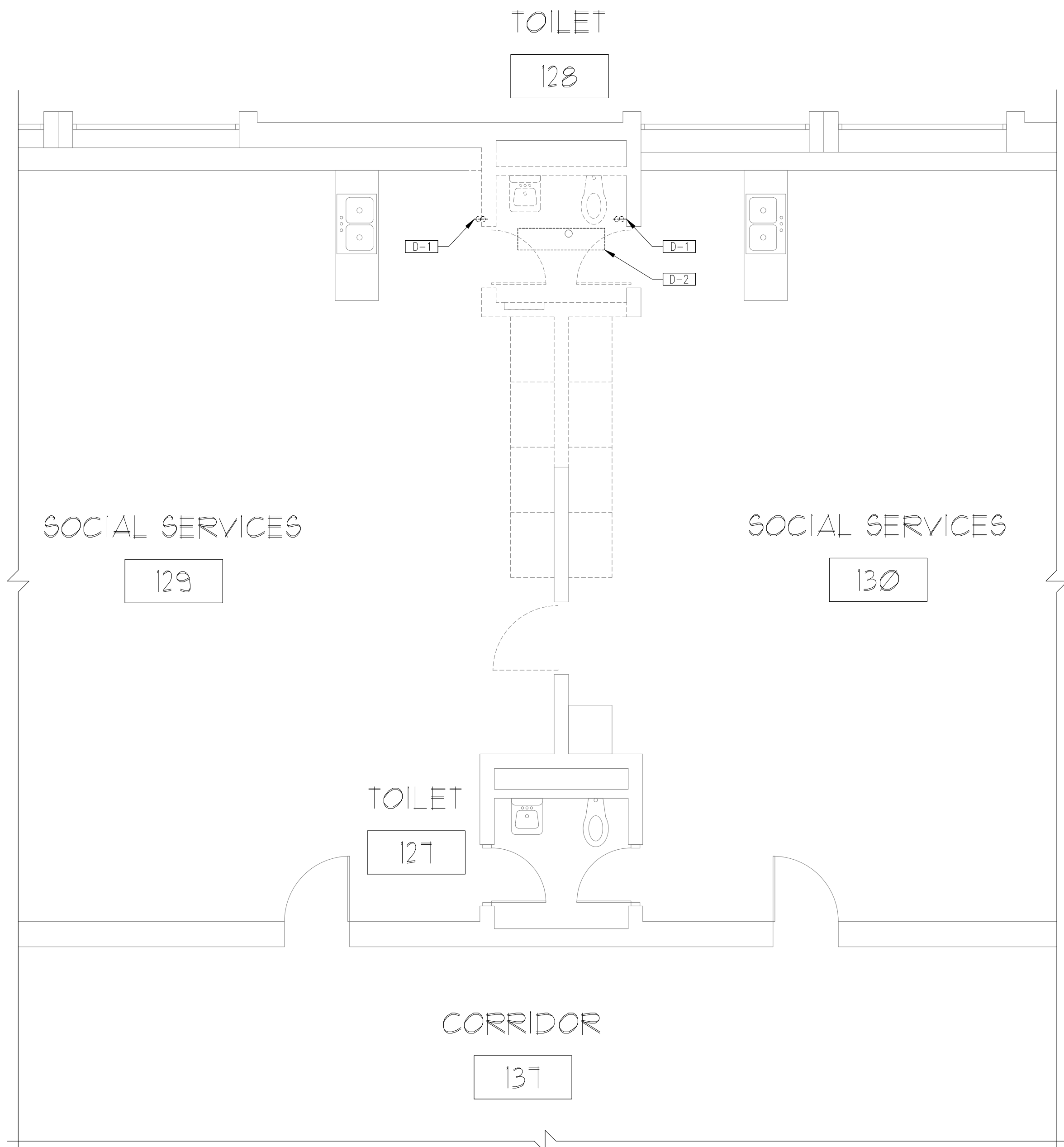
NEEPE CONSULTANT:
DAS
760 FERRIS BLVD, SUITE 100, ELK GROVE, ILLINOIS 60120 (815) 536-1996

DEMOLITION NOTES

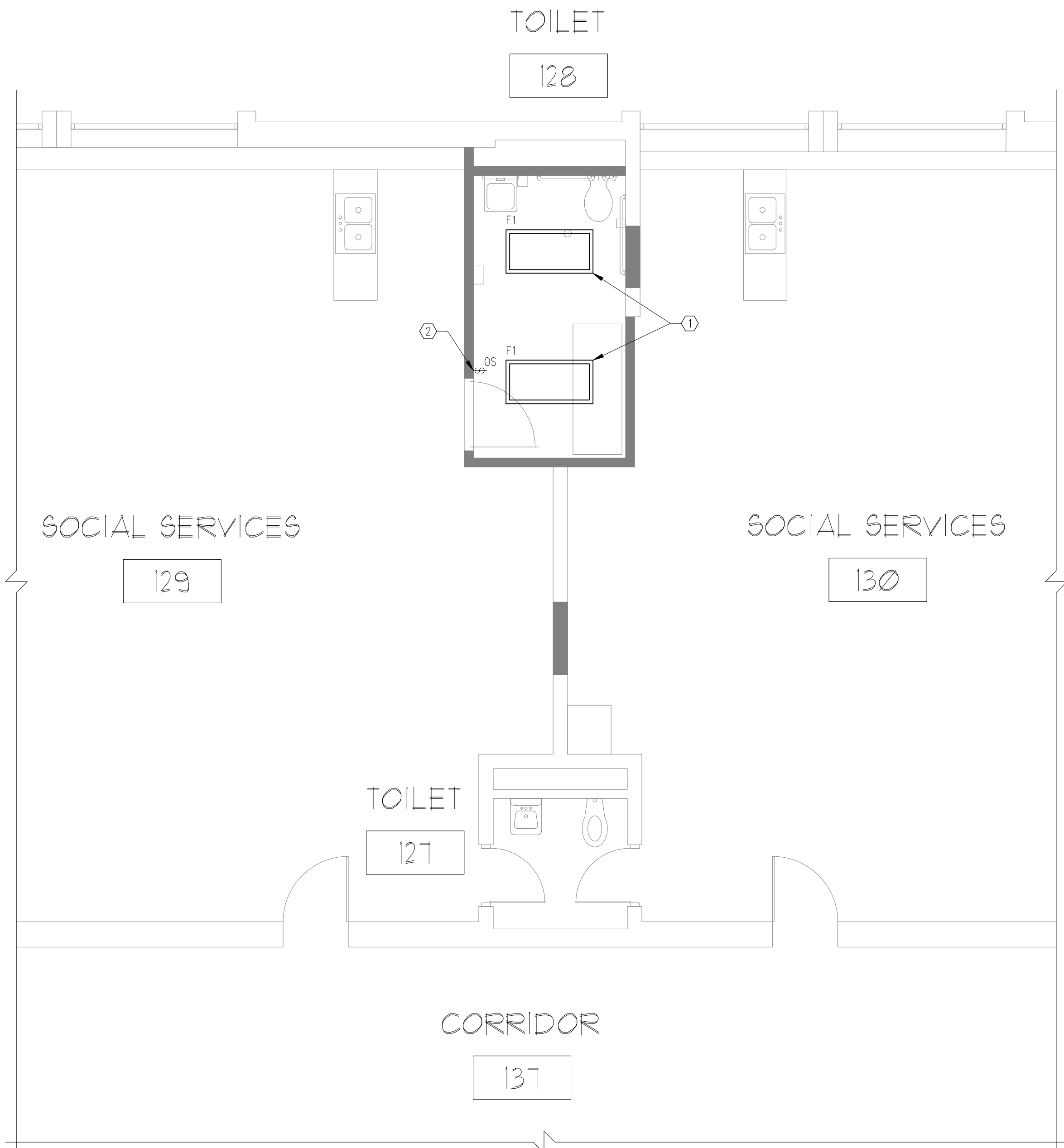
- D-1 REMOVE SWITCH. PULL WIRE UP TO NEAREST BOX. PULL BOX AND CONDUIT TO BE ABANDONED IN PLACE. WALL BOX TO BE PREPARED FOR NEW WALL COVERING.
- D-2 REMOVE LIGHT FIXTURE. EXISTING WIRING TO REMAIN FOR NEW LIGHTING FIXTURES.

NEW WORK NOTES

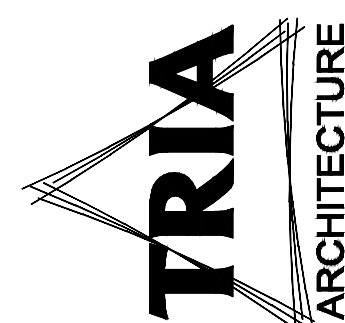
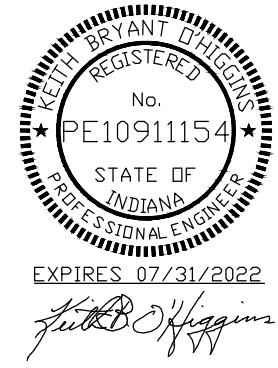
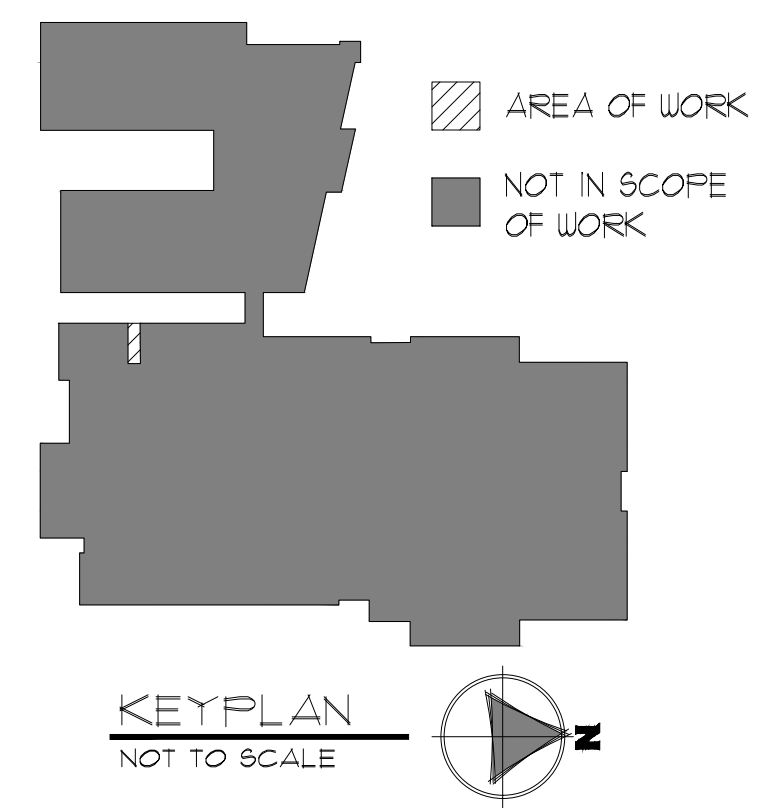
- 1 FURNISH AND INSTALL 2x4 RECESSED LAY-IN FIXTURE; LITHONIA 2BLT4 40L ADP G210 LP840UNV; 3500K, NO SUBSTITUTIONS. TIE INTO EXISTING CIRCUITING.
- 2 FURNISH AND INSTALL NEW SWITCH LEG WITH OCCUPANCY SENSOR SWITCH.



1 EXISTING PARTIAL FLOOR PLAN - ELECTRICAL
1/4" = 1'-0"



2 PARTIAL FLOOR PLAN - ELECTRICAL
1/4" = 1'-0"



MEFFERT CONSULTANT
MEFFERT CONSULTANT
700 HARRISON AVE., SUITE 100
CHICAGO, IL 60642 (312) 538-1800

DUNELAND SCHOOL CORPORATION
2021 TOILET RENOVATIONS AT:
LIBERTY ELEMENTARY SCHOOL
50-1 W 900 N, CHESTERTON, INDIANA 46304

PROJECT NUMBER: 21-01	SE/10/03
PROJECT MANAGER: TSS	
DESIGN BY: OAS	
ISSUED FOR PROPOSAL: 5/10/21	
PARTIAL FLOOR PLANS - ELECTRICAL	

E1.10

SET 1 OF 2

DEMOLITION NOTES

D-1

REMOVE EXISTING WATER CLOSET AND CW CONNECTION.

D-2

REMOVE LAVATORY, WASTE, CW AND HW.

D-3

EXISTING FLOOR DRAIN TO REMAIN.

NEW WORK NOTES

1

FURNISH AND INSTALL NEW WALL HUNG WATER CLOSET:

A.

BOWL: ANSI A112.19.2; WALL HUNG, HANDICAP HEIGHT, MANUAL LEVER, SIPHON JET WHITE VITREOUS CHINA CLOSET BOWL, WITH ELONGATED RIM, 1-1/2" SPUD, CHINA BOLT CAPS; MODEL AFWALL 2257.001 MANUFACTURED BY AMERICAN STANDARD.

B.

FLUSH VALVE: ANSI A112.19.6; EXPOSED CHROME PLATED, DIAPHRAGM TYPE WATER CLOSET FLUSH VALVE ASSEMBLY. VALVE BODY, TAILPIECE AND CONTROL STOP WILL BE IN CONFORMANCE WITH ASTM ALLOY CLASSIFICATION FOR SEMI-RED BRASS. FLUSH VALVE ASSEMBLY TO BE CONSTRUCTED WITH DUAL FILTERED DIAPHRAGM FOR FLUSH VALVE ACCURACY, SKIRTED HIGH BACK PRESSURE VACUUM BREAKER WITH BOTTOM HEX COUPLING NUT, HAND WHEEL ANGLE CHECKSTOP, SWEAT SOLDER ADAPTER KIT, AND CAST WALL FLANGE WITH SET SCREW; MODEL REGAL 111-1.28XL MANUFACTURED BY SLOAN VALVE CO.

C.

SEAT: ANTI-MICROBIAL SOLID WHITE PLASTIC, OPEN FRONT, EXTENDED, SELF-SUSTAINING CONTINUOUS STAINLESS STEEL HINGE, BRASS BOLTS, WITHOUT COVER.

D.

WALL MOUNTED CARRIER: ANSI A112.6.1; ADJUSTABLE CAST IRON FRAME, INTEGRAL DRAIN HUB AND VENT, ADJUSTABLE SPUD. LUGS FOR FLOOR AND WALL ATTACHMENT, THREADED FIXTURE STUDS WITH NUTS AND WASHERS.

2

FURNISH AND INSTALL NEW WALL HUNG LAVATORY:

A.

Basin: ANSI A 112.19.2; WHITE VITREOUS CHINA; HANDICAPPED WALL-HUNG LAVATORY 21x18 INCH MINIMUM, WITH 4-INCH HIGH BACK, DRILLINGS ON 4-INCH CENTERS, OVERFLOW AND SOAP DEPRESSION, MODEL LUCERNE 0355.012A AMERICAN STANDARD, NO SUBSTITUTIONS.

B.

TRIM: ANSI A112.18.1; CHROME PLATED, VANDAL RESISTANT COMBINATION SUPPLY FITTING WITH OFFSET OPEN GRID STRAINER AND TAILPIECE, 1.2 GPM WATER AERATOR, VANDAL PROOF PUSH TILT SELF-CLOSING METERING HANDLES. TMV WATTS LFUSG-B-M2, CHROME PLATED 17 GAUGE BRASS P-TRAP (INSTALLED PARALLEL WITH WALL) AND ARM WITH ESCUTCHEON; MANUFACTURED Y MOEN. PROVIDE UNDER SINK PROTECTIVE PIPE COVERING FOR P-TRAP, TAILPIECE, ANGLE VALVES, SUPPLY TUBING, AND TMV MODEL 103 AS MANUFACTURED BY TRUEBRO, INC. TRIM TO BE MOEN FAUCET MODEL 8210F12, NO SUBSTITUTIONS.

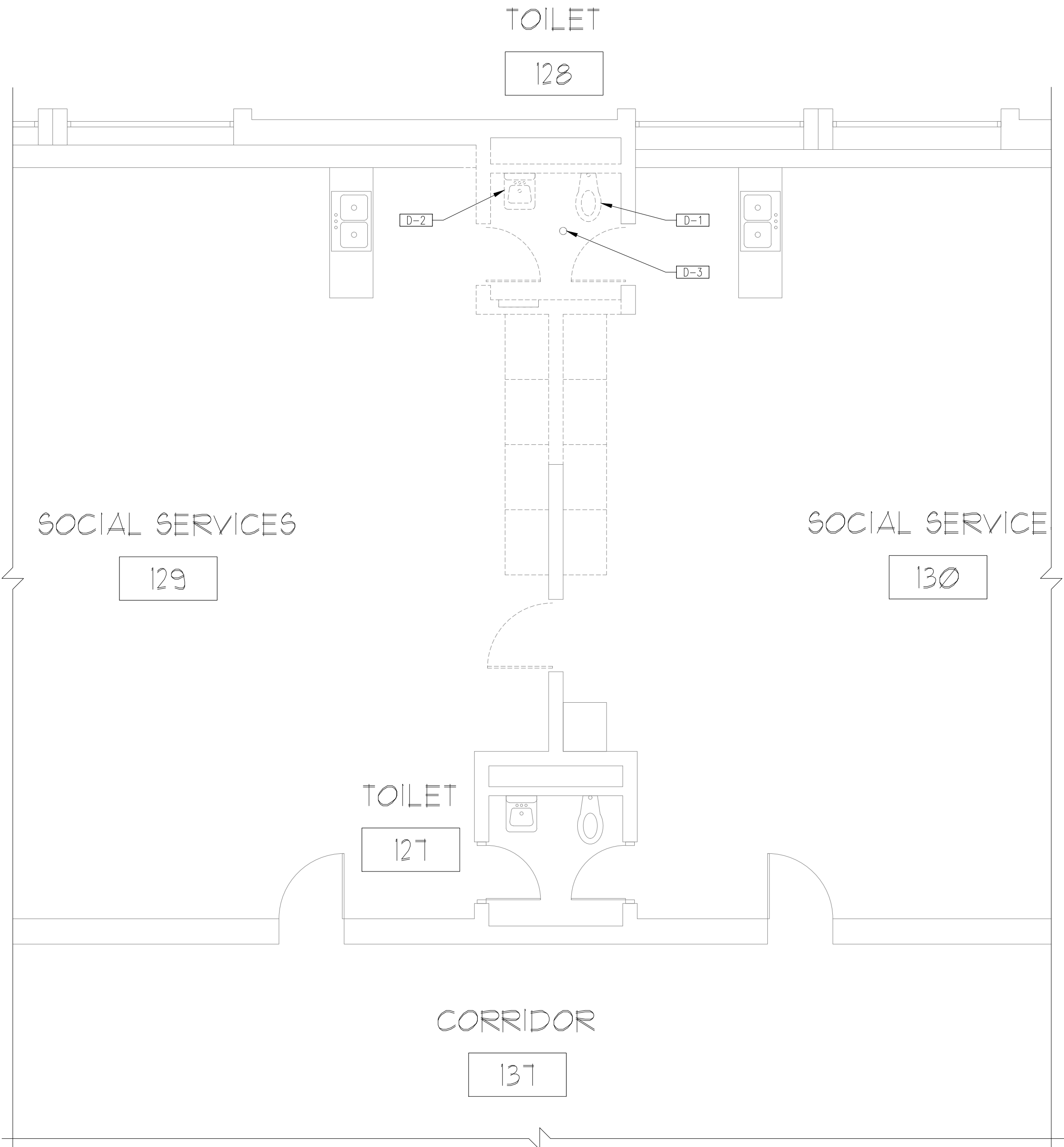
C.

WALL MOUNTED CARRIER: ANSI A112.6.1; CAST IRON AND STEEL FRAME, LUGS FOR WALL ATTACHMENT, EXPOSED BRACKET SUPPORTS, BEARING PLATE AND STUDS.

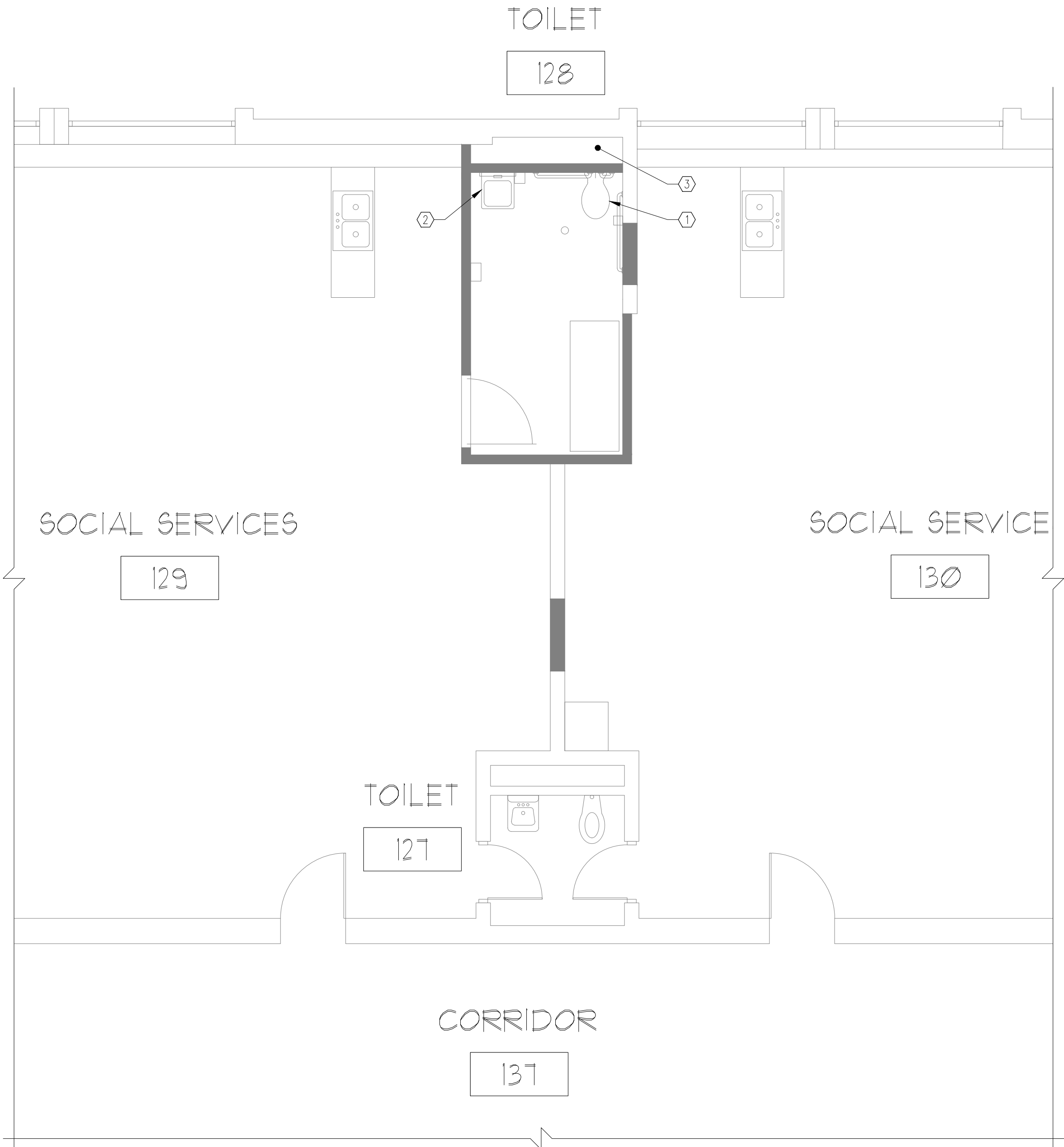
D.

STOPS: CHROME PLATED BRASS QUARTER TURN STOP, 3/4 INCH O.D. FLEXIBLE RISER AND FEMALE COMPRESSION INLET.

3

TIE NEW FIXTURES INTO EXISTING CW, HW PIPING AND SANITARY WASTE AND VENT. ADJUST EXISTING PIPING TO MEET NEW FIXTURE LOCATION REQUIREMENTS.

1

EXISTING PARTIAL FLOOR PLAN - PLUMBING
1/4" = 1'-0"

2

PARTIAL FLOOR PLAN - PLUMBING
1/4" = 1'-0"

AREA OF WORK
NOT IN SCOPE OF WORK

KEYPLAN
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
No. PE10911154
STATE OF INDIANA
EXPIRES: 07/31/2022



MEP/CV CONSULTANT:
IDAS
DESIGN & CONSTRUCTION
700 HARRISON AVE., SUITE 400
CHICAGO, IL 60644 (312) 538-1996

DUNELAND SCHOOL CORPORATION
2021 TOILET RENOVATIONS AT:
LIBERTY ELEMENTARY SCHOOL
50-1 W 900 N, CHESTERTON, INDIANA 46304

PROJECT NUMBER: 21-01	DATE: 08/16/20
PROJECT MANAGER: TSS	DATE: 08/16/20
DESIGN BY:	DATE: 08/16/20
ISSUED FOR PROPOSAL: 5/1/21	DATE: 5/1/21
PARTIAL FLOOR PLANS - PLUMBING	

P1.10

SET 1 OF 2

SPECIFICATIONS - PLUMBING

I. SCOPE

THE WORK COVERED BY THIS SPECIFICATION INCLUDES THE COMPLETE PLUMBING SYSTEM.

THE WORK TO BE PERFORMED UNDER THE PLUMBING SPECIFICATIONS AND DRAWINGS CONSISTS OF FURNISHING ALL LABOR AND MATERIAL FOR THE COMPLETE INSTALLATION OF THESE SYSTEMS, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

- A. ABOVE GROUND PIPING, FIXTURES, VALVES, ETC.
- B. PLUMBING SPECIALTIES

II. GENERAL

THIS SPECIFICATION IS INCLUSIVE FOR EACH ITEM REQUIRING ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO PROPERLY INSTALL, ALTER, ADJUST AND PUT IN OPERATION, THE COMPLETE PLUMBING AND FIRE PROTECTION SYSTEM.

THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER LAYOUT AND CONSTRUCTION OF THE WORK INCLUDED IN THIS CONTRACT.

THE DRAWINGS AND SPECIFICATIONS SHALL BE UNDERSTOOD TO COVER, ACCORDING TO THEIR INTENT AND MEANING, COMPLETE SYSTEMS AS DESCRIBED HEREIN.

MINOR ITEMS, ACCESSORIES AND DEVICES REASONABLY INFERRABLE AS NECESSARY FOR THE COMPLETE AND PROPER OPERATION OF ANY SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR FOR SUCH SYSTEM(S) WHETHER THEY ARE SPECIFICALLY CALLED FOR BY THE DRAWINGS AND/OR SPECIFICATIONS OR NOT.

DRAWINGS ARE GENERALLY DIAGRAMMATIC. ROUTING OF PIPING ARE SHOWN, BUT DO NOT INTEND TO SHOW EVERY RISE, DROP, OFFSET, FITTING, NOR EVERY STRUCTURAL ELEMENT THAT MAY BE ENCOUNTERED DURING THE INSTALLATION OF THIS WORK. CONTRACTOR SHALL MAKE ANY REQUIRED CHANGES FROM THE GENERAL ROUTING SHOWN ON THESE DRAWINGS, SUCH AS OFFSETS, BENDS OR CHANGES IN ELEVATION DUE TO COORDINATION WITH THE WORK OF THE OTHER TRADES AND BUILDING CONSTRUCTION. ALL CHANGES SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER OR DELAY IN COMPLETION DATE OF THE PROJECT.

IT IS INTENDED THAT EQUIPMENT SHALL BE LOCATED SYMMETRICALLY WITH THE ARCHITECTURAL ELEMENTS OF THE BUILDING, NOTWITHSTANDING THE FACT THAT LOCATIONS INDICATED BY THESE DRAWINGS MAY BE DISTORTED FOR CLARNESS OF PRESENTATION.

CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL CORING, CUTTING, PATCHING, REPAIRING AND REFINISHING OF BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OF THEIR WORK. ALL PATCHING, REPAIRING AND REFINISHING WORK SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE NEW CONSTRUCTION AS CLOSELY AS POSSIBLE. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE ANY EXISTING BUILDING CONSTRUCTION OR ITEMS THAT ARE TO REMAIN. ANY EXISTING FINISHES THAT ARE DAMAGED DURING THE INSTALLATION OF NEW WORK SHALL BE REPAIRED, REPLACED AND PAID FOR BY THE INSTALLING CONTRACTOR, TO THE SATISFACTION OF THE ARCHITECT AND OWNER.

REFER TO THE ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING CONSTRUCTION THAT IS TO REMAIN AND, THEREFORE, SUBJECT TO PATCHING, REPAIRING, AND REFINISHING.

CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN CLEAN-UP DURING CONSTRUCTION. IF CONTRACTOR FAILS TO PROVIDE SUCH CLEAN-UP, THE ARCHITECT/ENGINEER WILL DIRECT ANOTHER CONTRACTOR TO PERFORM THE CLEAN-UP AND THE NEGLIGENT CONTRACTOR SHALL PAY THE ASSOCIATED BACK-CHARGES AS DEEMED APPROPRIATE BY THE ARCHITECT/ENGINEER.

CONTRACTOR SHALL FURNISH MATERIALS AND USE INSTALLATION METHODS SUITABLE FOR THE ENVIRONMENTAL CONDITIONS OF THE AREA IN WHICH EQUIPMENT, FIXTURES AND DEVICES ARE INSTALLED.

THE LOCATIONS SHOWN FOR ALL FIXTURES ARE DIAGRAMMATIC. EXACT LOCATION SHALL BE DETERMINED FROM THE PLANS, REFLECTED CEILING PLANS AND/OR ON THE JOB SITE BY THE ARCHITECT/ENGINEER REPRESENTATIVES.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CODE REQUIRED SPACING FOR ITEMS SUCH AS SPRINKLER HEADS.

CONTRACTOR SHALL PROVIDE SLEEVES IN BEAMS, FLOORS, COLUMNS AND WALLS AS SHOWN ON THE DRAWINGS, AS REQUIRED BY JOB SITE CONDITIONS, AND/OR AS SPECIFIED, WHEN INSTALLING THEIR WORK. ALL BEAMS AND COLUMNS WHICH ARE REQUIRED TO BE SLEEVED SHALL BE CUT AND REINFORCED AS REQUIRED BY FIELD CONDITIONS AND LOCATIONS AND SIZES SHALL BE CHECKED AND APPROVED BY ARCHITECT BEFORE CONTRACTOR CUTS ANY STRUCTURAL BUILDING MEMBER.

CONTRACTOR SHALL REFER TO THE ARCHITECTURAL AND STRUCTURAL CONTRACT DRAWINGS (BEFORE SUBMITTING THEIR BIDS) TO FAMILIARIZE THEMSELVES WITH THE EXTENT OF THE GENERAL CONTRACTOR'S WORK, CEILING HEIGHTS AND CLEARANCE FOR INSTALLING THEIR WORK.

SYSTEM INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES.

III. VISIT TO SITE

ATTENTION IS DIRECTED TO THE NECESSITY FOR CONTRACTOR TO VISIT THE SITE AND EXAMINE ALL CONDITIONS AFFECTING THE PROPER EXECUTION OF THIS CONTRACT. SUBMISSION OF PROPOSALS SHALL BE CONSIDERED EVIDENCE THAT THE CONTRACTOR HAS VISITED AND EXAMINED THE SITE.

NO EXTRA PAYMENT WILL BE ALLOWED THE CONTRACTOR FOR EXTRA WORK CAUSED BY FAILURE TO VISIT, EXAMINE AND CLARIFY.

IV. LAWS, ORDINANCES AND REGULATIONS

ALL SYSTEMS SHALL CONFORM IN FULL AND/OR PART SHALL CONFORM TO ALL PERTINENT LAWS, ORDINANCES AND REGULATIONS OF ALL BODIES HAVING JURISDICTION AT ALL GOVERNING LEVELS, NOTWITHSTANDING ANYTHING IN THESE DRAWINGS OR SPECIFICATIONS.

TO THE CONTRARY, IN CASE OF CONFLICT BETWEEN GOVERNING LEVELS, THE MORE STRINGENT LAWS SHALL APPLY.

THE CONTRACTOR SHALL PAY ALL FEES AND OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED BY ANY AUTHORITY HAVING JURISDICTION IN CONNECTION WITH HIS WORK.

WHERE APPLICABLE, ALL NEW MATERIAL SHALL BEAR THE UNDERWRITER'S SEAL OF APPROVAL, AS WELL AS THOSE SEALS OF ALL MUNICIPALITIES HAVING JURISDICTION. CERTIFICATES TO THIS AFFECT TO BE FURNISHED TO ARCHITECT UPON REQUEST.

V. WORKMANSHIP

ALL WORK TO BE PERFORMED SHALL BE DONE BY QUALIFIED MECHANICS. ALL MECHANICS IN THE EMPLOY OF THIS CONTRACTOR ON THIS PROJECT SHALL BE SKILLED IN THE PHASES OF THE WORK TO WHICH THEY ARE USED.

ALL WORK MUST BE DONE IN WORKMANLIKE MANNER TO THE COMPLETE SATISFACTION OF THE ARCHITECT. ALL MATERIAL SHALL BE NEW, OF THE QUALITY SPECIFIED, FREE FROM DEFECTS AND IN FIRST-CLASS CONDITION. ALL VERTICAL PIPE SHALL BE PLUMB.

VI. MATERIALS AND EQUIPMENT

ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM TO THE GRADE, QUALITY AND STANDARD SPECIFIED HEREIN. ALL EQUIPMENT OFFERED UNDER THESE SPECIFICATIONS SHALL BE LIMITED TO PRODUCTS REGULARLY PRODUCED AND RECOMMENDED FOR SERVICE, IN ACCORDANCE WITH ENGINEERING DATA, RATINGS OR OTHER COMPREHENSIVE LITERATURE MADE AVAILABLE TO THE PUBLIC AND IN EFFECT AT THE TIME OF OPENING OF BIDS.

EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS FOR THE TYPE AND CAPACITY OF EACH PIECE OF EQUIPMENT USED.

UNLESS INDICATED OTHERWISE, THE ARCHITECT/ENGINEER MAKES NO REPRESENTATION AS TO WHETHER OR NOT ANY HAZARDOUS OR CONTAMINATED MATERIALS (INCLUDING BUT NOT LIMITED TO ASBESTOS, PCB'S, CONTAMINATED SOILS, ETC.) ARE PRESENT WITHIN THE EXISTING BUILDING OR ON THE SITE. WORK SHOWN ON THE DRAWINGS AND/OR INDICATED IN THE SPECIFICATIONS SHALL NOT BE CONSTRUED TO CALL FOR CONTACT WITH ANY OF THESE MATERIALS. IF THESE MATERIALS ARE ENCOUNTERED OR SUSPECTED THE CONTRACTOR SHALL NOT DISTURB THEM AND SHALL CONTACT THE ARCHITECT/ENGINEER IMMEDIATELY.

SYSTEM INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES.

VII. COORDINATION WITH OTHER TRADES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THAT WORK OF THE OTHER TRADES. CONTRACTOR IS COMPLETELY RESPONSIBLE IF FAILURE ON HIS PART TO COORDINATE EFFORTS RESULTS IN EXTRA WORK HAVING TO BE DONE TO COMPLETE A TASK. AS SUCH, HIS FAILURE SHALL NOT BE THE BASIS FOR ANY EXTRA CHARGE AGAINST THE OWNER.

CONTRACTOR SHALL CHECK DRAWINGS OF OTHER TRADES TO VERIFY THAT SPACES IN WHICH THEIR WORK WILL BE INSTALLED IS CLEAR OF OBSTRUCTIONS. WORK SHALL BE INSTALLED TO MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITION AT ALL POINTS IN THE BUILDING. WHERE HEADROOM OR SPACE CONDITIONS APPEAR INADEQUATE, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE INSTALLATION OF THEIR WORK.

CONTRACTOR SHALL FURNISH OTHER TRADES ADVANCE INFORMATION AND/OR SHOP DRAWINGS ON LOCATIONS AND SIZES OF PIPING, EQUIPMENT, FRAMES, BOXES, SLEEVES AND OPENINGS, ETC., NEEDED FOR THEIR WORK TO PERMIT OTHER TRADES AFFECTED TO INSTALL THEIR WORK PROPERLY AND WITHOUT DELAY.

WHERE THERE IS EVIDENCE THAT WORK OF ONE TRADE WILL INTERFERE WITH WORK OF OTHER TRADES, ALL TRADES SHALL MEET ON JOB SITE TO WORK OUT SPACE CONDITIONS, AND MAKE SATISFACTORY ADJUSTMENTS TO INSTALLATION OF THE NEW WORK. CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL PLUMBING AND FIRE PROTECTION DEVICES AND EQUIPMENT PRIOR TO ROUGH-IN WITH FIELD CONDITIONS, SHOP DRAWINGS AND WORK OF OTHER TRADES. EACH CONTRACTOR SHALL BE RESPONSIBLE, AT THEIR OWN EXPENSE, FOR THE REMOVAL AND REINSTALLATION OF ANY PART OF THEIR WORK IF SAME WAS INSTALLED WITHOUT CONSULTING WITH OTHER TRADES BEFORE INSTALLING THEIR WORK.

VIII. SHOP DRAWINGS

THE CONTRACTOR IS REQUIRED TO SUBMIT FIVE (5) SETS OF SHOP DRAWINGS FOR MATERIAL ITEMS SPECIFICALLY DESIGNATED IN THIS SPECIFICATION AND/OR CALLED OUT FOR ON THE DRAWINGS. CONTRACTOR IS CAUTIONED THAT ANY MATERIAL ITEMS PURCHASED PRIOR TO APPROVAL OF SHOP DRAWINGS ARE PURCHASED AT CONTRACTOR'S OWN RISK AND MAY BE SUBJECT TO REJECTION BY THE ARCHITECT/ENGINEER. SHOP DRAWINGS ARE TO BE SUBMITTED TO THE GENERAL CONTRACTOR FOR HIS FORWARDING.

PRODUCT SUBMITTAL SHALL BE PREPARED IN AN ORGANIZED, LEGIBLE FORMAT WITH COVER SHEET INDICATING PROJECT, LOCATION, DATE, CONTRACTOR(S) AND ENGINEER. INDIVIDUAL BLANK SPACES OF MINIMUM 5 INCH BY 5 INCH SIZE FOR APPROVAL STAMPS FROM GENERAL CONTRACTOR, ARCHITECT AND ENGINEER.

ALL PRODUCTS SPECIFIED HEREIN OR ON THE DRAWINGS SHALL BE SUBMITTED WITH THE SAME PRODUCT TAG THAT IS USED IN THE CONSTRUCTION DOCUMENTS. WHERE A PRODUCT TAG IS NOT USED, THE SUBMITTAL SHALL REFERENCE THE PARAGRAPH OF THIS SPECIFICATION FOR WHICH THE PRODUCT IS BEING SUBMITTED.

REPRODUCTION OF THE CONTRACT DOCUMENTS FOR SUBMITTAL PURPOSES IS NOT ACCEPTABLE.

ALL SUBMITTALS WHICH ARE NOT SUBMITTED IN ACCORDANCE WITH THESE REQUIREMENTS WILL BE REJECTED WITHOUT ANY ALLOWANCES MADE FOR DELAYS THAT MAY BE INCURRED.

IX. PIPING INSULATION

PIPING INSULATION ON DOMESTIC HOT WATER AND COLD WATER PIPING TO BE RIGID MOLDED FIBERGLASS WITH "K" VALUE OF .24 AT 75 DEGREES F. WITH VAPOR BARRIER JACKET WHITE KRAFT PAPER WITH FIBER YARN ON ALUMINIZED FILM. INSULATION THICKNESS TO BE 1/2 INCH.

ALL INSULATION TO HAVE MAXIMUM 25/50 FLAME SPREAD/SMOKE DEVELOPED, SAME COMPONENT RATING FOR ACCESSORIES (ADHESIVES, MASTIC AND CEMENTS FOR FITTINGS).

X. PLUMBING PIPING

DOMESTIC WATER PIPING: ASTM B88 HARD DRAWN, TYPE-L, COPPER WITH SOLDER JOINT WROUGHT COPPER FITTINGS; OPTION TO USE CLASS 52 DUCTILE IRON FOR UNDERGROUND WATER SUPPLY MAIN.

SANITARY AND SANITARY VENT PIPING: ASTM A74, SERVICE WEIGHT CAST IRON WITH HUB AND SPIGOT COMPRESSION JOINING; OPTION FOR NO-HUB MECHANICAL CLAMP JOINT SHALL BE AVAILABLE FOR ABOVE GROUND APPLICATIONS. SCHEDULE 40 PVC MAY BE USED IF PVC PIPING IS EXISTING.

DIELECTRIC UNIONS OR COUPLINGS SHALL BE USED WHERE JOINING PIPING OF DISSIMILAR METALS.

VALVES:

BALL VALVES (BV) UP TO 2 INCHES: 600 PSI WOG, BRONZE BODY, STAINLESS STEEL FULL PORT BALL, TEFLON SEATS AND STUFFING BOX RING, LEVER HANDLE AND SOLDER ENDS.

DOMESTIC WATER PIPING DISINFECTION: CHLORINATION OF PIPING SYSTEM IN ORDER TO COMPLY WITH STATE OF ILLINOIS SAFE DRINKING WATER STANDARDS.

PIPING TESTING: PNEUMATIC AND HYDROSTATIC TESTING REQUIRED FOR THE ABOVE REFERENCED SYSTEMS.

WATER HAMMER ARRESTORS: FIT WATER SUPPLY TO EACH FIXTURE OR GROUP OF FIXTURES WITH AIR CHAMBER; AIR CHAMBERS SAME SIZE AS SUPPLY LINE OR 3/4 INCH MINIMUM 18 INCHES LONG.

XII. PLUMBING FIXTURES

SEE SCHEDULE ON DRAWINGS

PROVIDE LOOSE KEY STOPS AND P-TRAPS FOR EACH FIXTURE. P-TRAPS WILL BE REQUIRED TO BE INSTALLED PARALLEL WITH WALL IN ORDER TO ACCOMMODATE OFF-SET TAILPIECES ON HANDICAP LAVATORIES.

XIII. PLUMBING EQUIPMENT

SEE SCHEDULE ON DRAWINGS

XIV. FIRE STOPPING

CONTRACTOR SHALL FIRE STOP ALL PENETRATIONS THRU FIRE RATED WALLS, PARTITIONS, ROOFS AND/OR FLOORS SO THAT THE INTEGRITY OF THE FIRE RATING IS NOT COMPROMISED BY THE CONTRACTOR'S INSTALLATION OF ANY PIPE. FIRE STOPPING METHODS AND MATERIALS SHALL CONFORM TO LOCAL CODE AUTHORITY REQUIREMENTS. AS A MINIMUM, CONTRACTOR SHALL GROUT PIPES IN PENETRATION RATED PARTITION/FLOOR CONSTRUCTION WITH NON-SHRINK GROUT SO THAT ALL OPEN SPACES ARE FILLED IN SOLIDLY. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR THE LOCATION OF ALL FIRE RATED CEILINGS, PARTITIONS AND WALLS.

XV. GUARANTEE

THIS CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE IN WRITING ALL MATERIAL, EQUIPMENT AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL PROVIDE FREE SERVICE FOR ALL EQUIPMENT INVOLVED IN HIS CONTRACT DURING THIS GUARANTEE PERIOD.

THE GUARANTEE SHALL INCLUDE RESTORATION TO ITS ORIGINAL CONDITION OF ALL ADJACENT WORK THAT MUST BE DISTURBED IN FULFILLING THIS GUARANTEE.

ALL SUCH REPAIRS AND/OR REPLACEMENTS SHALL BE MADE WITHOUT DELAY AND AT THE CONVENIENCE OF THE DEVELOPER AND TENANT.

XVI. SUBSTITUTIONS

APPROVALS OF SUBSTITUTIONS, FOR "APPROVED EQUAL", MUST BE MADE IN WRITING AND SUBSTITUTIONS MUST BE APPROVED BEFORE INSTALLATION. INSTALLATION WITHOUT PRIOR APPROVAL MAY RESULT IN CONTRACTOR REMOVING SUBSTITUTION AND REPLACING IT WITH SPECIFIED ITEM AT HIS EXPENSE.

APPROVAL MAY BE GIVEN BY ENGINEER ONLY.

GENERAL NOTES - ALL CONTRACTORS

A. DRAWINGS ARE GENERALLY DIAGRAMMATIC. ROUTING OF PIPING, DUCTWORK, CONDUITS, RACEWAYS, ETC., AS SHOWN ON DRAWINGS, DOES NOT INTEND TO SHOW EVERY RISE, DROP, OFFSET, FITTING, NOR EVERY STRUCTURAL ELEMENT THAT MAY BE ENCOUNTERED DURING THE INSTALLATION OF THIS WORK. EACH CONTRACTOR SHALL MAKE ANY REQUIRED CHANGES FROM THE GENERAL ROUTING SHOWN ON THESE DRAWINGS, SUCH AS OFFSETS, BENDS OR CHANGES IN ELEVATION DUE TO COORDINATION WITH THE WORK OF OTHER TRADES AND BUILDING CONSTRUCTION. ALL CHANGES SHALL BE MADE WITHOUT ADDITIONAL COST TOT HE OWNER OR DELAY IN COMPLETION DATE OF THE PROJECT.

B. IT IS INTENDED THAT EQUIPMENT SHALL BE LOCATED SYMMETRICALLY WITH THE ARCHITECTURAL ELEMENTS OF THE BUILDING, NOTWITHSTANDING THE FACT THAT LOCATIONS INDICATED BY THESE DRAWINGS MAY BE DISTORTED FOR CLARNESS OF PRESENTATION.

C. CONTRACTOR SHALL CHECK DRAWINGS OF OTHER TRADES TO VERIFY THAT SPACES IN WHICH THEIR WORK WILL BE INSTALLED ARE CLEAR OF OBSTRUCTIONS. WORK SHALL BE INSTALLED TO MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITION AT ALL POINTS IN THE BUILDING. WHERE HEADROOM OR SPACE CONDITIONS APPEAR INADEQUATE, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE INSTALLATION OF THEIR WORK.

D. CONTRACTOR SHALL FURNISH OTHER TRADES ADVANCE INFORMATION AND/OR SHOP DRAWINGS ON LOCATIONS AND SIZES OF PIPING, DUCTWORK, CONDUIT, RACEWAYS, EQUIPMENT, FRAMES, BOXES, SLEEVES AND OPENINGS, ETC. NEEDED FOR THEIR WORK TO PERMIT OTHER TRADES AFFECTED TO INSTALL THEIR WORK PROPERLY AND WITHOUT DELAY.

E. WHERE THERE IS EVIDENCE THAT WORK OF ONE TRADE WILL INTERFERE WITH WORK OF OTHER TRADES, ALL TRADES SHALL MEET ON JOB SITE TO WORK OUT SPACE CONDITIONS AND MAKE SATISFACTORY ADJUSTMENTS TO INSTALLATION OF THE NEW WORK. CONTRACTORS SHALL VERIFY EXACT LOCATIONS OF ALL DEVICES AND EQUIPMENT WITH FIELD CONDITIONS, SHOP DRAWINGS, AND WORK OF OTHER TRADES PRIOR TO ROUGH-IN. EACH CONTRACTOR SHALL BE RESPONSIBLE, AT THEIR OWN EXPENSE, FOR THE REMOVAL AND REINSTALLATION OF ANY PART OF THEIR WORK IF SAME WAS INSTALLED WITHOUT CONSULTING WITH OTHER TRADES BEFORE INSTALLING THEIR WORK.

F. CONTRACTOR SHALL PROVIDE SLEEVES IN BEAMS, FLOORS, COLUMNS AND WALLS AS SHOWN ON THE DRAWINGS, AS REQUIRED BY JOB SITE CONDITIONS, AND/OR AS SPECIFIED, WHEN INSTALLING THEIR WORK. ALL BEAMS AND COLUMNS WHICH ARE REQUIRED TO BE SLEEVED SHALL BE CUT AND REINFORCED AS REQUIRED BY FIELD CONDITIONS AND LOCATIONS AND SIZES SHALL BE CHECKED AND APPROVED BY ARCHITECT BEFORE CONTRACTOR CUTS AND STRUCTURAL BUILDING MEMBER.

G. THE SEQUENCE FOR THE INSTALLATION OF ALL WORK SHALL BE COORDINATED BETWEEN ALL CONTRACTORS ON THE PROJECT AND IN STRICT ACCORDANCE WITH ARCHITECT/ENGINEER AND OWNERS STIPULATION AS CALLED FOR IN THE SPECIFICATION AND/OR AS DIRECTED.

H. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL AND STRUCTURAL CONTRACT DRAWINGS (BEFORE SUBMITTING THEIR BIDS) TO FAMILIARIZE THEMSELVES WITH THE EXTENT OF THE GENERAL CONTRACTORS WORK, CEILING HEIGHTS AND CLEARANCE FOR INSTALLING THEIR WORK.

I. CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL CORING, CUTTING, PATCHING, REPAIRING, REFINISHING AND REMOVAL/REPLACEMENT OF NEW OR EXISTING BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. ALL PATCHING, REPAIRING AND REFINISHING WORK SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION AS CLOSELY AS POSSIBLE. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE ANY EXISTING BUILDING CONSTRUCTION OR ITEMS THAT ARE TO REMAIN. ANY EXISTING BUILDING CONSTRUCTION OR ITEMS THAT ARE TO REMAIN. ANY EXISTING FINISHES THAT ARE DAMAGED DURING THE INSTALLATION OF NEW WORK OR REMOVAL OF EXISTING WORK SHALL BE REPAIRED, REPLACED AND PAID FOR BY THE INSTALLING CONTRACTOR, TO THE SATISFACTION OF THE ARCHITECT AND OWNER. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING CONSTRUCTION THAT IS TO REMAIN AND, THEREFORE, SUBJECT TO PATCHING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT.

J. SOME OF THE EXISTING ITEMS AND EQUIPMENT SCHEDULED TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER. ANY ITEMS THAT THE OWNER WANTS TO RETAIN SHALL BE REMOVED CAREFULLY SO AS NOT TO DAMAGE THEM. ALL OTHER ITEMS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE.

K. CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN CLEAN-UP DURING CONSTRUCTION. IF CONTRACTOR FAILS TO PROVIDE SUCH CLEAN-UP, THE ARCHITECT/ENGINEER WILL DIRECT ANOTHER CONTRACTOR TO PERFORM THE CLEAN-UP AND THE NEGLIGENT CONTRACTOR SHALL PAY THE ASSOCIATED BACK-CHARGES AS DEEMED APPROPRIATE BY THE ARCHITECT/ENGINEER.

L. CONTRACTOR SHALL INSTALL ALL AUXILIARY SUPPORTING STEEL AS REQUIRED FOR THE SUPPORTING OF THEIR PIPING, DUCTWORK, CONDUIT, TANKS, EQUIPMENT, ETC. ALL SUPPORTING STEEL FOR ITEMS ABOVE A SUSPENDED CEILING SHALL BE FROM BUILDING STRUCTURAL MEMBERS ONLY.

M. IT IS MANDATORY THAT THE COMPLETE EXISTING BUILDING REMAIN IN CONTINUOUS AND NON-INTERRUPTED OPERATION DURING REMODELING/ALTERING OF SAID EXISTING BUILDING. THE SPECIFIC AREA(S) BEING REMODELED/ALTERED AT ANY SCHEDULED TIME ARE OBVIOUSLY EXCLUSIVE OF THIS STATEMENT. SERVICES TO EXISTING BUILDING SHALL BE KEPT IN CONTINUOUS OPERATION INCLUDING POWER, SIGNAL SYSTEMS, LIGHTING, TELEPHONE, HEATING, COOLING, VENTILATING, TEMPERATURE CONTROL, SEWERS AND HOT AND COLD WATER. ANY ABSOLUTELY NECESSARY INTERRUPTION OF THESE SERVICES TO ACCOMPLISH CONTRACT WORK SHALL BE ARRANGED THROUGH THE ARCHITECT WITH THE OWNER A MINIMUM OF TEN (10) WORKING DAYS IN ADVANCE. SUCH INTERRUPTIONS SHALL BE KEPT TO AN ABSOLUTE MINIMUM AS FAR AS TIME INTERVAL IS INVOLVED AND TEMPORARY SERVICES SHALL BE FURNISHED AND INSTALLED UNDER THIS CONTRACT WHERE NECESSARY TO ACCOMPLISH THIS PURPOSE. TEMPORARIES SHALL BE REMOVED BY THE CONTRACTOR ONLY AFTER NEW PERMANENT SERVICES ARE INSTALLED AND FULLY OPERATIONAL.

N. UNLESS INDICATED OTHERWISE, THE ARCHITECT/ENGINEER MAKES NO REPRESENTATION AS TO WHETHER OR NOT ANY HAZARDOUS OR CONTAMINATED MATERIALS (INCLUDING BUT NOT LIMITED TO ASBESTOS, PCB'S, CONTAMINATED SOILS, ETC.) ARE PRESENT WITHIN THE EXISTING BUILDING OR ON THE SITE. WORK SHOWN ON THE DRAWINGS AND/OR INDICATED IN THE SPECIFICATIONS SHALL NOT BE CONSTRUED TO CALL FOR CONTACT WITH ANY OF THESE MATERIALS. IF THESE MATERIALS ARE ENCOUNTERED OR SUSPECTED, THE CONTRACTOR SHALL NOT DISTURB THEM AND SHALL CONTACT THE ARCHITECT/ENGINEER IMMEDIATELY.

O. CONTRACTOR SHALL STORE ALL MATERIALS AND EQUIPMENT SHIPPED TO THE SITE IN A PROTECTED AREA. IF MATERIAL IS STORED OUTSIDE OF THE BUILDING, IT MUST BE STORED OFF THE GROUND A MINIMUM OF SIX INCHES (6") SET ON 6 X 6 PLANKS AND/OR WOOD PALLETS. ALL MATERIAL AND EQUIPMENT MUST BE COMPLETELY COVERED WITH WATERPROOF TARPS OR VISQUIN. ALL PIPING AND DUCTWORK WILL HAVE THE ENDS CLOSED TO KEEP OUT DIRT AND OTHER DEBRIS. NO EQUIPMENT WILL BE ALLOWED TO BE STORED ON THE SITE UNLESS IT IS SITTING ON WOOD PLANKS AND COMPLETELY PROTECTED WITH WEATHERPROOF COVERS.

P. THE DRAWINGS, SCHEDULES AND SPECIFICATIONS HAVE BEEN PREPARED USING ONE MANUFACTURER FOR EACH PIECE OF EQUIPMENT AS THE BASIS FOR DIMENSIONAL DESIGN. IF THE CONTRACTOR PURCHASES EQUIPMENT LISTED AS A SPECIFIED **ACCEPTABLE MANUFACTURER** BUT IS NOT THE SCHEDULED MANUFACTURER USED FOR THE BASE DESIGN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL THE DIMENSIONS OF THE EQUIPMENT TO VERIFY THAT IT WILL FIT IN THE SPACE SHOWN ON THE DRAWINGS. MINOR DEVIATIONS IN DIMENSIONS WILL BE PERMITTED, PROVIDED THE RATINGS MEET THOSE SHOWN ON THE DRAWINGS AND EQUIPMENT WILL PHYSICALLY FIT INTO THE SPACE ALLOCATED WITH SUITABLE ACCESS AROUND EQUIPMENT FOR OPERATION AND MAINTENANCE ON THE EQUIPMENT.

Q. CONTRACTOR AND/OR MANUFACTURER SHALL VERIFY THAT THE CHARACTERISTICS OF THE EQUIPMENT HE SUBMITS FOR REVIEW MEETS THE CAPACITY AND DUTY SPECIFIED.

R. WHEN EQUIPMENT IS SUBMITTED FOR REVIEW AND DOES NOT MEET THE PHYSICAL SIZE OR ARRANGEMENT OF THAT SCHEDULED AND SPECIFIED, CONTRACTOR SHALL PAY FOR ALL ALTERATIONS REQUIRED TO ACCOMMODATE SUCH EQUIPMENT AT NO ADDITIONAL COST TO OWNER. CONTRACTOR WILL ALSO PAY ALL COSTS FOR ADDITIONAL WORK REQUIRED BY OTHER CONTRACTORS, OWNER, ARCHITECT OR ENGINEER TO MAKE CHANGES WHICH WOULD ALLOW THE EQUIPMENT TO FIT IN THE SPACE AND FUNCTION AS INTENDED.

S. CONTRACTOR SHALL FIELD VERIFY THE SIZE OF EXISTING OPENINGS, WINDOWS, DOORS, CORRIDORS, ROOMS, ETC. FOR ACCESS OF THE NEW EQUIPMENT INTO OR REMOVAL OF EXISTING EQUIPMENT FROM THE BUILDING. IF OPENINGS ARE TOO SMALL FOR ACCESS THEN CONTRACTOR SHALL, AT HIS OWN EXPENSE, PROVIDE NEW OR ENLARGED OPENINGS AND RESTORE SAME TO ORIGINAL SIZE AND CONDITION. CONTRACTOR MAY ELECT TO ORDER THE EQUIPMENT DISASSEMBLED AND/OR WITH SPLIT HOUSING FOR ENTRANCE INTO THE EXISTING SPACE OR BUILDING. CONTRACTOR SHALL REASSEMBLE EQUIPMENT AFTER IT IS IN THE SPACE AT HIS OWN EXPENSE.

GENERAL NOTES - PLUMBING

A. ALL WATER SUPPLY AND RETURN PIPING SHALL BE SUSPENDED WITH CLEVIS AND/OR TRAPEZE PIPE HANGERS. INSULATED PIPING SHALL REST ON STEEL OR WOOD. PIPE COVERING PROTECTION SADDLES OR SHEET METAL INSULATION SHIELDS AS CALLED FOR IN THE SPECIFICATIONS AND/OR DETAILED ON THE DRAWING.

B. ALL WATER SUPPLY AND RETURN PIPING SHALL BE INSULATED, INCLUDING ALL PIPING ABOVE CEILINGS, INSIDE EQUIPMENT, CABINETS, PIPE CHASES AND IN WALLS. SEE SPECIFICATIONS FOR TYPE AND THICKNESS OF INSULATION.

C. ALL HOT WATER SUPPLY AND RECIRCULATING PIPING SHALL BE INSTALLED TO COMPENSATE FOR EXPANSION OF THE PIPE BY INSTALLING PIPE ANCHORS, GUIDES, EXPANSION JOINTS OR LOOPS AND PIPE OFFSETS AS REQUIRED BY FIELD CONDITIONS OR AS SHOWN ON THE DRAWINGS.

D. ALL PIPING PASSING THRU FLOOR CONSTRUCTION SHALL HAVE A SCHEDULE 40 STEEL PIPE SLEEVE INSTALLED AROUND PIPE ONLY. ALL PIPE PASSING THRU WALLS SHALL HAVE A GALVANIZED SHEET METAL OR SCHEDULE 40 STEEL SLEEVE INSTALLED AROUND THE PIPE AND PIPE INSULATION. SEE SLEEVE DETAILS THESE DRAWINGS.

E. PITCH ALL SUPPLY AND RETURN WATER LINES TO DRAIN COMPLETELY THROUGH LOWER EQUIPMENT FIXTURES, UNIONS, OR DRAIN VALVES. INSTALL A 1/2" DRAIN VALVE WITH 3/4" HOSE THREAD AND VACUUM BREAKER OUTLET IN ALL MAIN PIPING RUNS WHICH WOULD NOT BE ABLE TO DRAIN THRU A LOWER PIECE OF EQUIPMENT.

F. ALL VENT AND WASTE PIPING SIZES ARE MINIMUM. ADDITIONAL VENTS SHALL BE ADDED AND/OR PIPE SIZE INCREASED AS REQUIRED BY APPLICABLE CODES, STATUTES AND REGULATIONS, ETC. WITHOUT ADDITIONAL COST TO THE OWNER.

G. UNUSED OPENINGS IN SEWERS, MANHOLES, ETC. SHALL BE CAPPED; THOSE IN PIPING SHALL BE CAPPED OR PLUGGED; STRUCTURAL MEMBERS AND SUPPORTS SHALL NOT BE CUT UNLESS AUTHORIZED BY ARCHITECT IN WRITING.

H. CERTAIN ABBREVIATIONS OR SYMBOLS, WHEN APPLIED TO PRESENT (OR EXISTING) LINE, DEVICE OR EQUIPMENT, SHALL HAVE THE FOLLOWING MEANINGS:

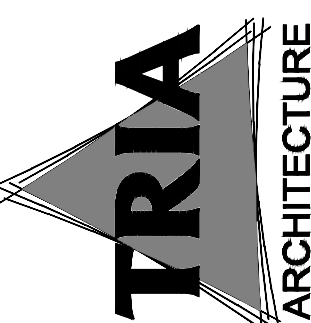
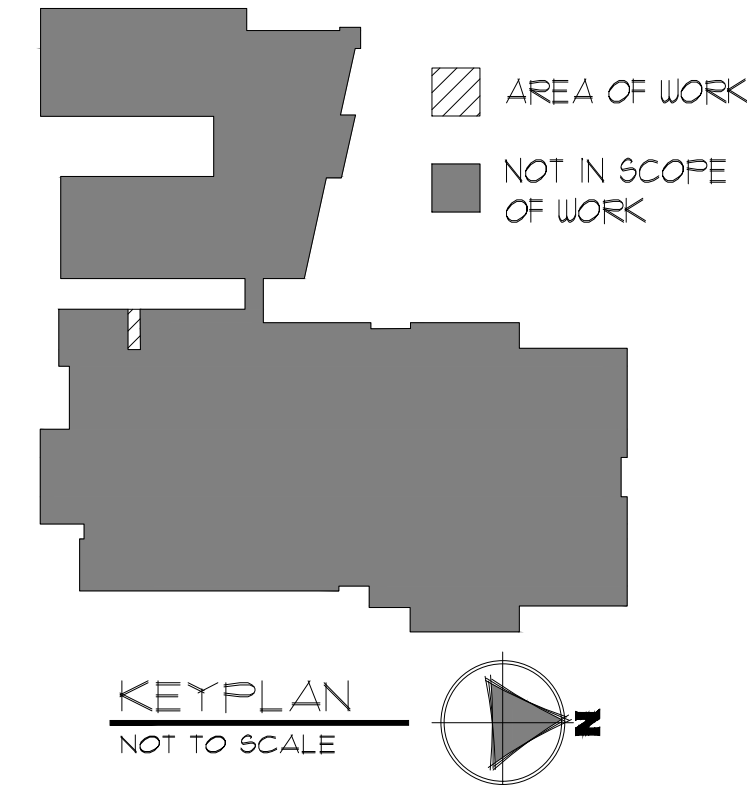
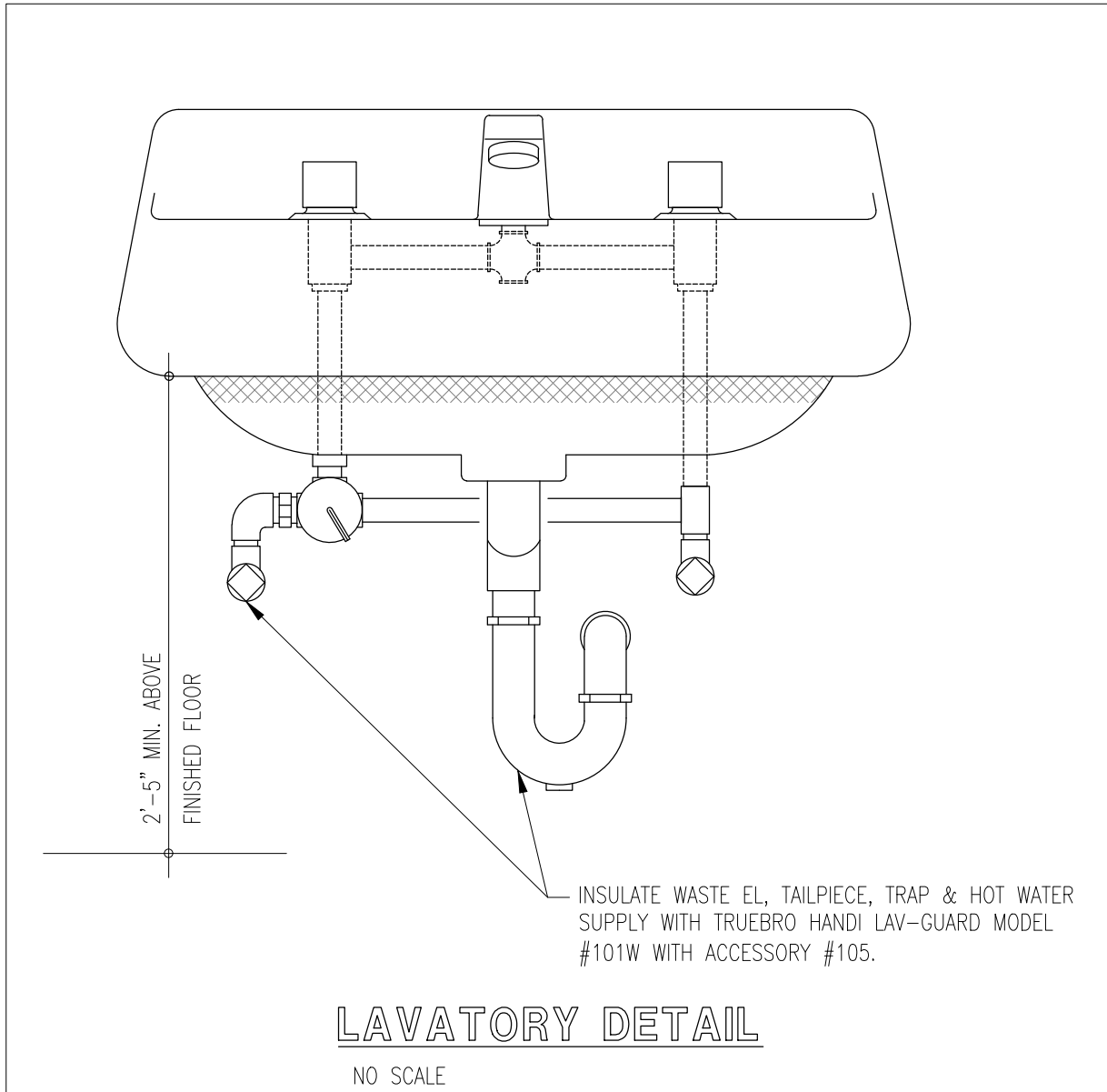
NC NEW CONNECTION TO PRESENT PIPING, DEVICE, MANHOLE, SEWER, DUCT, WIRING, EQUIPMENT, ETC. INSTALL, TEST, COVER, PAINT, ETC. SAME AS NEW WORK. IF IN SEWER MANHOLE, PROVIDE FLOW CHANNEL IN BOTTOM.

VL VERIFY EXACT LOCATION, SIZE, INVERT, ETC. IN FIELD. THIS NOTE APPLIES TO ALL PRESENT OR EXISTING UTILITIES AND CONSTRUCTION WHETHER CALLED FOR OR NOT.

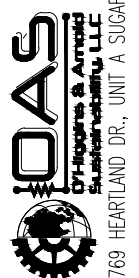
PLUMBING ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS SHOWN MAY BE REQUIRED FOR THIS PROJECT.

LAV	LAVATORY
SA	SANITARY
SK	SINK
UR	URINAL
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
FD	FLOOR DRAIN (ROUND)



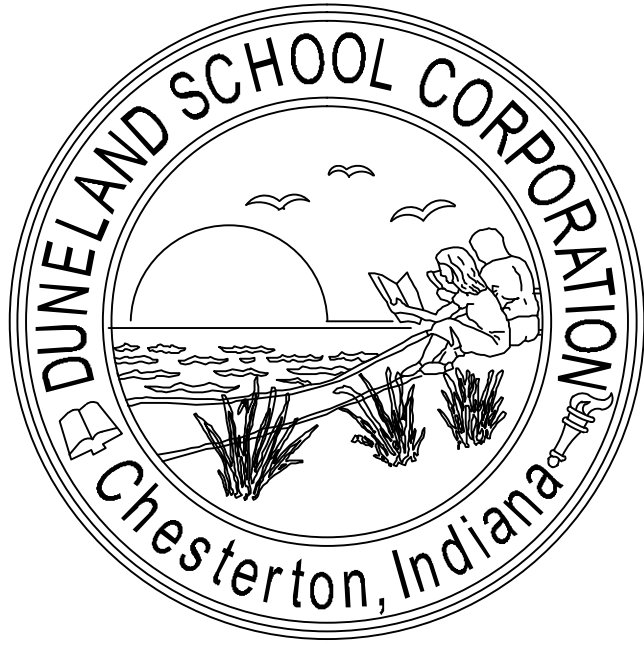
NEE/FF CONSULTANT:
780 HARRISON AVE., SUITE 8
CHICAGO, ILLINOIS 60654 (800) 538-1866



DUNELAND SCHOOL CORPORATION
2021 TOILET RENOVATIONS AT:
LIBERTY ELEMENTARY SCHOOL
50-1 W 900 N, CHESTERTON, INDIANA 46304

PROJECT NUMBER: 21-01	RF#6006
PROJECT MANAGER: TSS	1/1
DRAWN BY: OAS	1/1
ISSUED FOR PROPOSAL: 5/1/21	1/1
NOTES: DETAILS AND ABBREVIATIONS - PLUMBING	

P4.00



DUNELAND SCHOOL CORPORATION

2021 TOILET RENOVATIONS AT:

LIBERTY ELEMENTARY SCHOOL, 50-1 W 900 N, CHESTERTON, INDIANA 46304
WESTCHESTER INTERMEDIATE SCHOOL (GROUNDS BUILDING), 1050 S. 5TH STREET, CHESTERTON, INDIANA 46304
TRIA PROJECT#: 21-011

GENERAL BUILDING CODE REQUIREMENTS

BUILDING CODES REFERENCED:
2012 INTERNATIONAL BUILDING CODE WITH 2014 INDIANA AMENDMENTS
2006 INTERNATIONAL PLUMBING CODE 2ND EDITION AMENDED INDIANA 2012
2008 NATIONAL ELECTRICAL CODE WITH 2009 INDIANA AMENDMENTS
2012 INTERNATIONAL MECHANICAL CODE WITH 2014 INDIANA AMENDMENTS
INDIANA ENERGY CONSERVATION CODE 2010
2012 INTERNATIONAL FIRE CODE WITH 2014 INDIANA AMENDMENTS
2012 INTERNATIONAL FUEL GAS CODE 2ND EDITION WITH 2014 INDIANA AMENDMENTS

OCCUPANCY CLASSIFICATION:
STORAGE GROUP S-1
EXISTING BUILDING = 8,862 SF GROSS / 300 = 30 OCCUPANTS

TYPE OF CONSTRUCTION:
EXISTING: II-B

DESIGN FIRM REGISTRATION:
THOMAS R. SZURGOT
INDIANA LICENSE NUMBER: *A10800173

SCHOOL BOARD

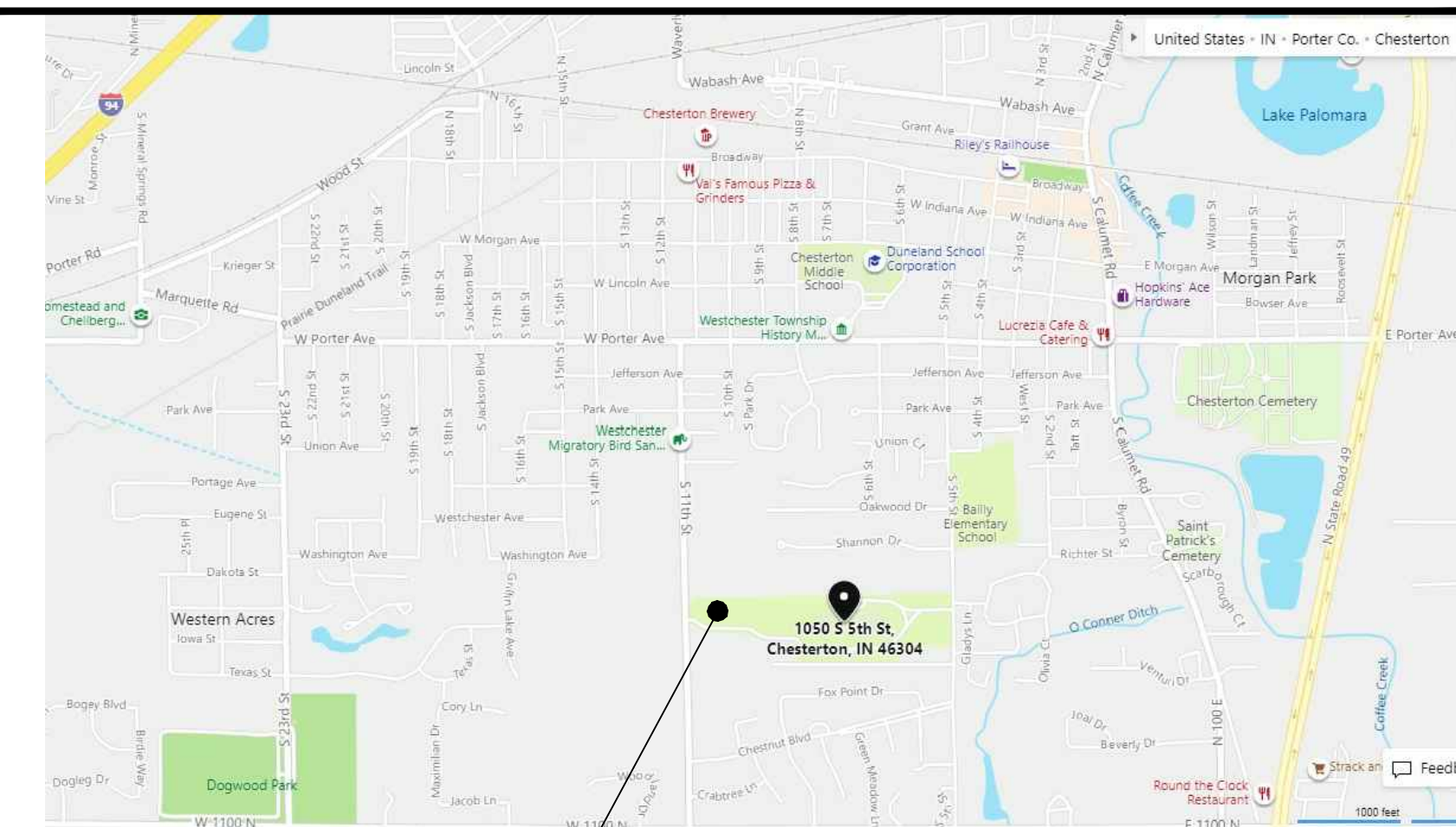
PRESIDENT
VICE PRESIDENT
BOARD SECRETARY
BOARD MEMBER
BOARD MEMBER

BRANDON KROFT
ALAYNA LIGHTFOOT FOL
TOM SCHNABEL
RONALD STONE
TIM MCGINTY

SUPERINTENDENT

DR. CHIP PETTIT

SITE LOCATION MAP



SITE LOCATION

SET 2 OF 2 - DRAWING INDEX FOR WESTCHESTER INTERMEDIATE SCHOOL

T1.00 TITLE SHEET, SITE LOCATION MAP, INDEX, AND GENERAL BUILDING CODE REQUIREMENTS

ARCHITECTURAL

A0.00 SYMBOLS AND ABBREVIATIONS AND TYPICAL MOUNTING HEIGHTS
A0.10 PARTIAL EXISTING FLOOR PLAN
A1.10 PARTIAL FLOOR PLAN, INTERIOR ELEVATIONS, ROOM FINISH SCHEDULE, AND NOTES
A2.00 DOOR AND FRAME SCHEDULE, DOOR TYPES, DETAILS, WALL TYPES, AND NOTES

MECHANICAL

M1.10 PARTIAL FLOOR PLANS - MECHANICAL

ELECTRICAL

E1.10 PARTIAL FLOOR PLANS - ELECTRICAL

PLUMBING

P1.10 PARTIAL FLOOR PLANS - PLUMBING

PLUMBING FIXTURE COUNT

MALE	FEMALE
REQUIRED: 1 WATER CLOSET 1 LAVATORY PROVIDED: 1 WATER CLOSET 1 URINAL 1 LAVATORY	REQUIRED: 1 WATER CLOSET 1 LAVATORY PROVIDED: 1 WATER CLOSET 1 LAVATORY
DRINKING FOUNTAIN: REQUIRED: 1 PROVIDED: 1	

BASED ON 30 OCCUPANTS
(15 MALE AND 15 FEMALE)

ARCHITECT:

TRIA ARCHITECTURE, INC.

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Burr Ridge, Illinois 60521

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M.E.P. CONSULTANT:

OAS, LLC.

769 Heartland Dr., Unit A
Sugar Grove, Illinois 60554

Phone: 630.538.1996

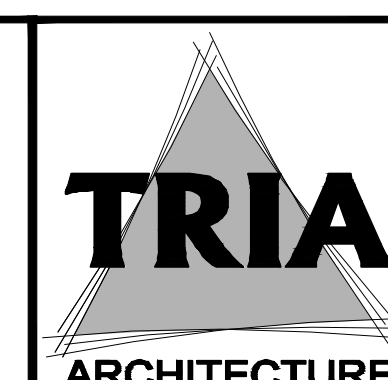
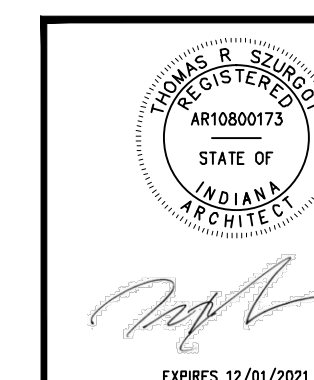
www.oasllc.net

ISSUED FOR PROPOSAL:

MAY 7, 2021

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REVISIONS:

T1.00

SET 2 OF 2

	SAFETY REFERENCE ROOM INFORMATION TAG		2'x4' RECESSED FLUORESCENT FIXTURE	CJ	CONTROL JOINT	PTD	PAPER TOWEL DISPENSER
	EXIT X		RECESSED DOWNLIGHT	CT	CERAMIC TILE	PTTD	PAPER TOWEL TRASH DISPOSAL
	SAFETY REFERENCE EXIT INFORMATION TAG		HVAC SUPPLY	CMU	CONCRETE MASONRY UNIT	RBR	RUBBER
	SAFETY REFERENCE EGRESS PATH		HVAC RETURN	CP	CONDENSATE PIPE	RBB	RUBBER BASE
	BREAK LINE		S.A.T. CEILING	CPT	CARPET	RBT	RUBBER TILE FLOORING
	WINDOW TAG		PLASTER OR GYP. BD.	CU	CONDENSING UNIT	RD	ROOF DRAIN
	DOOR TAG			DF	DRINKING FOUNTAIN	RH	ROOF HATCH
	NORTH ARROW			DS	DOWNSPOUT	RTU	ROOFTOP UNIT
	SECTION TAG			EF	EXHAUST FAN	RST	RUBBER STAIR TREADS AND RISERS
	ELEVATION TAG			EP	ELECTRICAL PENETRATION	REF	REFRIGERATOR
	DETAIL TAG / DRAWING TITLE			EQ	EQUAL	SAT	SUSPENDED ACOUSTICAL TILE
	WALL TYPE TAG			ETR	EXISTING TO REMAIN	SD	SOAP DISPENSER
	COLUMN LINE TAG			EWC	ELECTRIC WATER CHILLER	SGT	STRUCTURAL GLAZED TILE
				EX	EXISTING	SIM	SIMILAR
				EXP	EXPOSED	SND	SANITARY NAPKIN DISPOSAL
				FD	FLOOR DRAIN	SNP	SANITARY NAPKIN DISPENSER
				F.E.	FIRE EXTINGUISHER	STL	STEEL
				F.E.C.	FIRE EXTINGUISHER CABINET	TDU	TRASH DISPOSAL UNIT
				FP	FIRE PROTECTION	TRZ	TERRAZZO
				GB	GRAB BAR	TTD	TOILET TISSUE DISPENSER
				GP	GAS PIPING	TV	TELEVISION
				GYP.	GYP SUM BOARD	TYP	TYPICAL
				HC	HANDICAPPED ACCESSIBLE	UR	URNAL
				HM	HOLLOW METAL	VCT	VINYL COMPOSITE TILE
				LAV	LAVATORY	V.I.F.	VERIFY IN FIELD
				M.E.	MATCH EXISTING	VP	VENT PIPE
				M	MIRROR	WC	WATER CLOSET
				MO	MASONRY OPENING	WD	WOOD
				MTL	METAL	WF	WASH FOUNTAIN
				MUA	MAKE-UP AIR		
				N.I.C.	NOT IN CONTRACT		
				OH	OPPOSITE HAND		
				PL	PLASTER		
				FRT	FORCELAIN TILE		
				PT	PAINT		

Figure 1: Clearances for Restrooms and Public Toilets. The diagram illustrates the required clearances for various fixtures in restrooms and public toilets, categorized into accessible and standard fixtures.

Accessible Fixtures:

- Accessible Water Closet (Side Elevation):** Clearances include 1'-6" to the top of the seat, 1'-1" to the center of the bowl, 2'-10" to the centerline of grab bars, and 1'-6" to the centerline of the grab bars.
- Accessible Lavatory (Front Elevation):** Clearances include 2'-11" to the top of the lavatory and 1'-6" to the bottom of the accessories.
- Accessible Water Closet (Front Elevation):** Clearances include 1'-6" to the top of the seat, 1'-3 1/4" to the bottom of the accessories, 2'-10" to the centerline of grab bars, and 2'-10" to the centerline of grab bars (typical).
- Standard Urinal (Side Elevation):** Clearance is 2'-0" to the top of the rim.

Standard Fixtures:

- Standard Water Closet (Front Elevation):** Clearances include 2'-6" to the top of the spout outlet, 3'-0" to the top of the spout outlet, and 3'-4" to the top of the reflective surface.
- Standard Urinal (Side Elevation):** Clearance is 2'-0" to the top of the rim.

Other Fixtures:

- Fire Extinguisher:** Clearance is 4'-0" to the centerline of the mounting bracket.
- Wall Outlet:** Clearance is 1'-4" to the top of the outlet cover.
- Wall Switch:** Clearance is 4'-0" to the top of the wall switch cover.
- A/V Device:** Clearance is 6'-6 1/2" minimum to the centerline of the A/V device.
- Automatic Electric Hand Dryer:** Clearance is 4'-0" to the top of the unit.
- Coat Hook:** Clearance is 4'-6" to the top of the unit.
- Sanitary Napkin Dispenser:** Clearance is 5'-0" to the top of the dispenser.
- Trash Disposal Unit (TDU):** Clearance is 4'-0" to the top of the disposal unit.
- Room Signage:** Clearance is 5'-0" to the centerline of the sign.
- Fire Extinguisher Cabinet:** Clearance is 4'-0" to the centerline of the mounting bracket.
- Electric Water Cooler (Accessible/Standard):** Clearance is 2'-6" to the top of the spout outlet, 3'-0" to the top of the spout outlet, and 3'-4" to the top of the reflective surface.
- Mirror:** Clearance is 3'-4" to the top of the reflective surface.



DUNELAND SCHOOL CORPORATION
2021 TOILET RENOVATIONS AT:
WESTCHESTER INTERMEDIATE SCHOOL (GROUNDS)
1050 S. 5TH STREET, CHESTERTON, INDIANA 46304

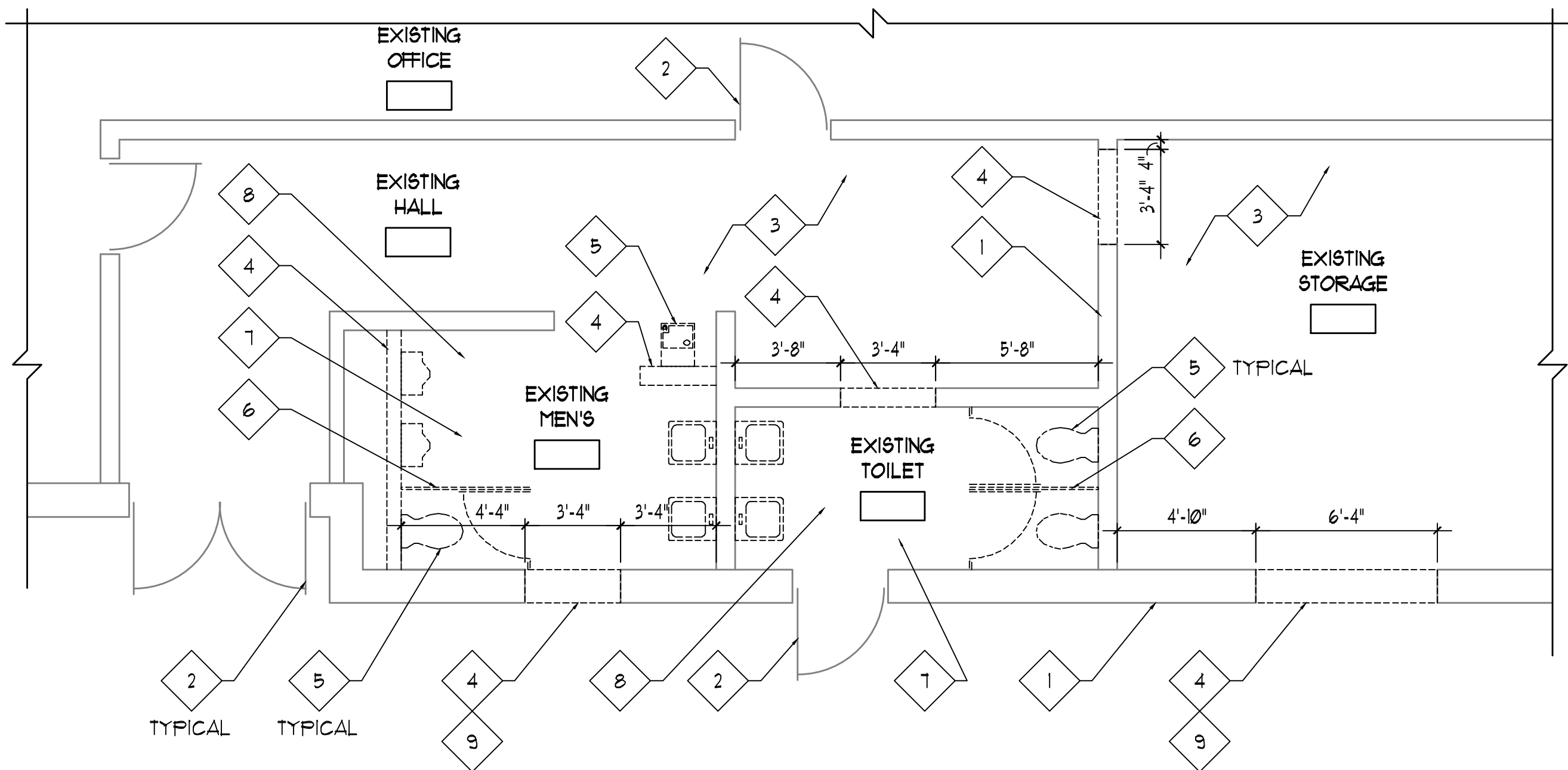
PROJECT MANAGER: HBS	△
DRAWN BY:	△
	△
	△
	△
ISSUED FOR PROPOSAL: 5/1/21	△

ARCHITECTURAL SYMBOLS AND ABBREVIATIONS AND TYPICAL MOUNTING HEIGHTS



AG0.00

SET 2 OF 2



1 PARTIAL EXISTING FLOOR PLAN
1/4" = 1'-0"

LEGEND

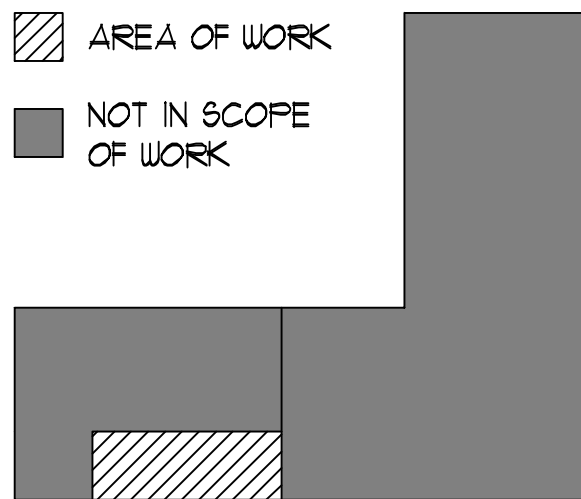
- EXISTING CONSTRUCTION TO BE REMOVED.
- EXISTING CONSTRUCTION TO REMAIN.

EXISTING PLAN GENERAL NOTES

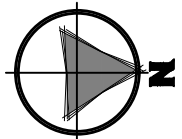
- REFER TO FLOOR PLANS FOR SCOPE OF NEW WORK.
- FIELD VERIFY ALL EXISTING CONDITIONS. IN THE EVENT THAT AN ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM. ITEMS SHOWN ARE INDICATED TO GIVE A GENERAL SCOPE OF WORK. ANY ITEMS REQUIRING REMOVAL/DEMOLITION TO PROPERLY PERFORM CONTRACT WORK BUT NOT SPECIFICALLY SHOWN, SHALL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST, PROVIDING THE CONDITION WAS VISIBLE DURING BIDDING.
- SHORE OR BRACE ALL EXISTING CONSTRUCTION AS REQUIRED TO PERFORM WORK.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING, CUTTING, PATCHING, INFILLING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT OF BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. ALL PATCHING, REPAIRING, AND REFINISHING SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION.
- REMOVE ALL EQUIPMENT LOCATED ON OR WITHIN WALL CONSTRUCTION SCHEDULED TO BE REMOVED, SO AS TO NOT DISRUPT EXISTING BUILDING OPERATIONS. DISCONNECT ALL ELECTRICAL WIRING, PULL WIRE BACK TO NEAREST JUNCTION BOX OR TO SERVICE.
- PROTECT ALL EXISTING FINISHES, EQUIPMENT, AND ADJACENT WORK NOT SCHEDULED TO BE REMOVED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED FINISHES, EQUIPMENT, OR ADJACENT SURFACES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL, EQUIPMENT OR FIXTURE TO BE REMOVED.
- WHERE POSSIBLE - RUN NEW ELECTRICAL WORK INSIDE WALL AND CEILING CONSTRUCTION (NEW AND EXISTING) - REMOVE EXISTING WALL/CEILING CONSTRUCTION SCHEDULED TO REMAIN AS REQUIRED TO PERFORM WORK INDICATED - PATCH ALL CONSTRUCTION TO PROVIDE A FINISHED CONDITION.
- REMOVE/RELOCATE ALL ACCESSORIES ON WALL CONSTRUCTION TO BE REMOVED.
- GENERAL CONTRACTOR TO COORDINATE ALL ARCHITECTURAL WORK WITH INDICATED MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION WORK - NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PERFORMING WORK.
- PATCH ALL EXISTING OPENINGS AT ALL EQUIPMENT SCHEDULED TO BE REMOVED, INCLUDING ABOVE CEILING- MATCH EXISTING WALL CONSTRUCTION IN MATERIAL THICKNESS, SIZE AND COLOR, UNLESS NOTED OTHERWISE - REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS.
- ALL EXISTING FLOOR FINISH SCHEDULED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION - CONTRACTOR TO PROVIDE PLYWOOD, MDF AND/OR PLASTIC AS REQUIRED TO PROTECT FLOORING FROM DAMAGE DURING CONSTRUCTION - ANY DAMAGE TO BE REPAIRED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- OWNER TO REMOVE AND REINSTALL ALL LOOSE FURNITURE AND ELECTRONIC EQUIPMENT UNLESS OTHERWISE NOTED - CONTRACTOR TO COORDINATE MOVING SCOPE AND STORAGE LOCATIONS WITH OWNER PRIOR TO BEGINNING ANY WORK.

EXISTING PLAN REFERENCED NOTES

- EXISTING MASONRY WALL CONSTRUCTION TO REMAIN - PROTECT DURING CONSTRUCTION.
- EXISTING DOOR AND FRAME TO REMAIN - PROTECT DURING CONSTRUCTION.
- EXISTING FLOOR FINISH TO REMAIN - PROTECT DURING CONSTRUCTION.
- EXISTING MASONRY WALL CONSTRUCTION TO BE REMOVED.
- EXISTING PLUMBING FIXTURE TO BE REMOVED.
- EXISTING METAL TOILET PARTITION TO BE REMOVED.
- REMOVE EXISTING LIGHT FIXTURES.
- EXISTING PAINTED CONCRETE FLOOR - PREPARE FOR NEW FINISH.
- GRIND TOP OF EXISTING FOUNDATION SMOOTH.



KEYPLAN
NOT TO SCALE



EXPIRES 12/01/2021

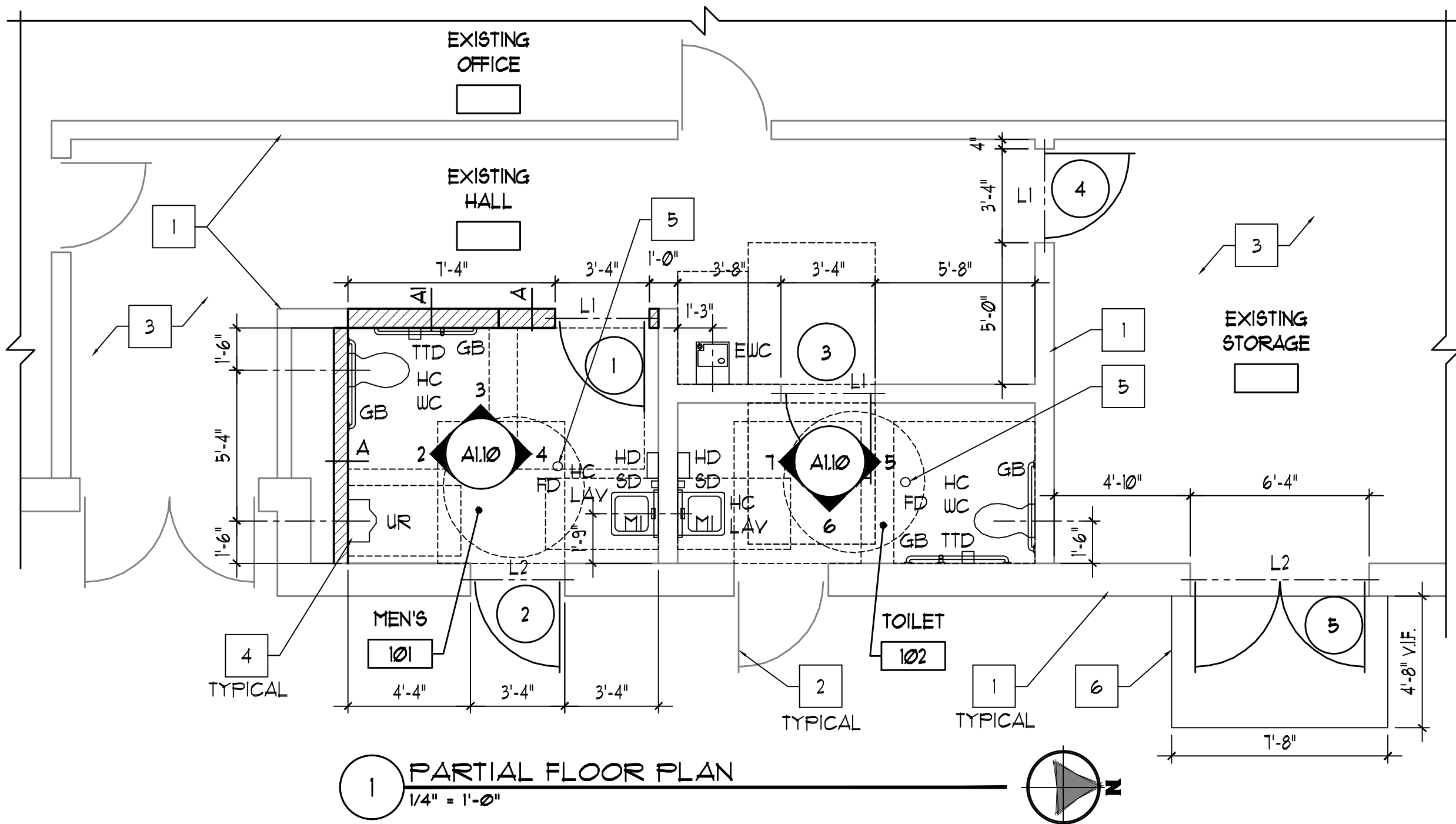
DUNELAND SCHOOL CORPORATION

2021 TOILET RENOVATIONS AT:
WESTCHESTER INTERMEDIATE SCHOOL (GROUNDS)
1050 S. 5TH STREET, CHESTERTON, INDIANA 46304

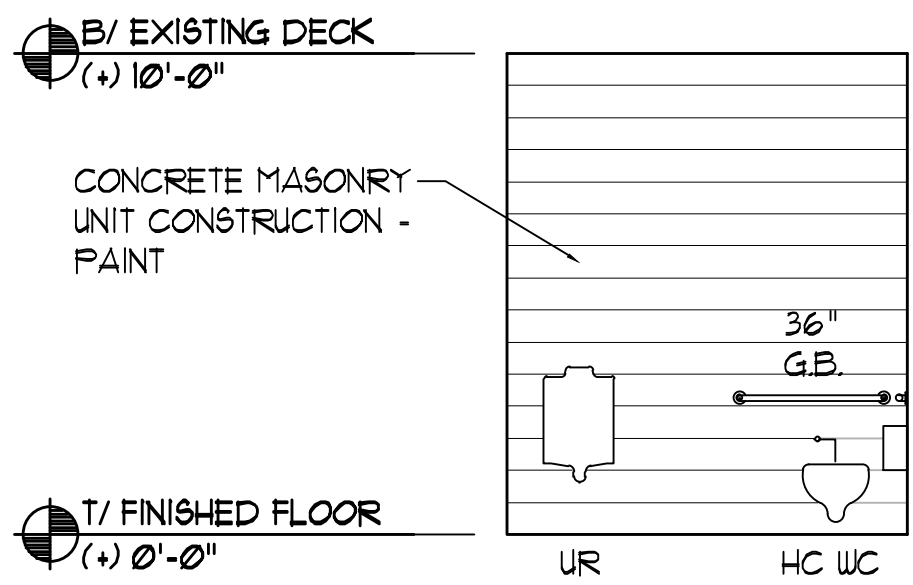
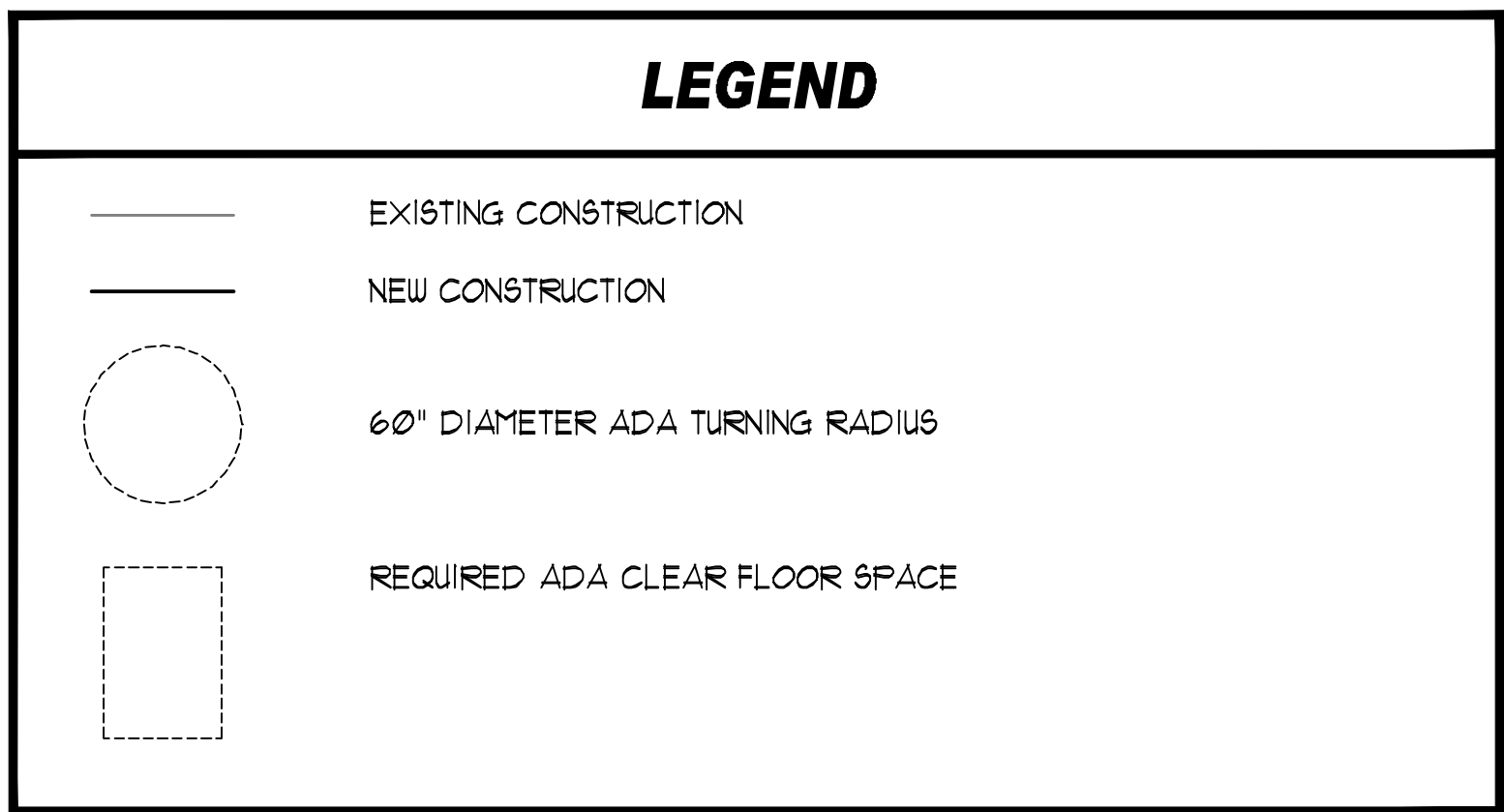
PROJECT NUMBER: 21-01	DATE: 05/16/2021
PROJECT MANAGER: TBS	
DRAWN BY: JBT	
ISSUED FOR PROPOSAL: 5/17/21	
PARTIAL EXISTING FLOOR PLAN	

A0.10

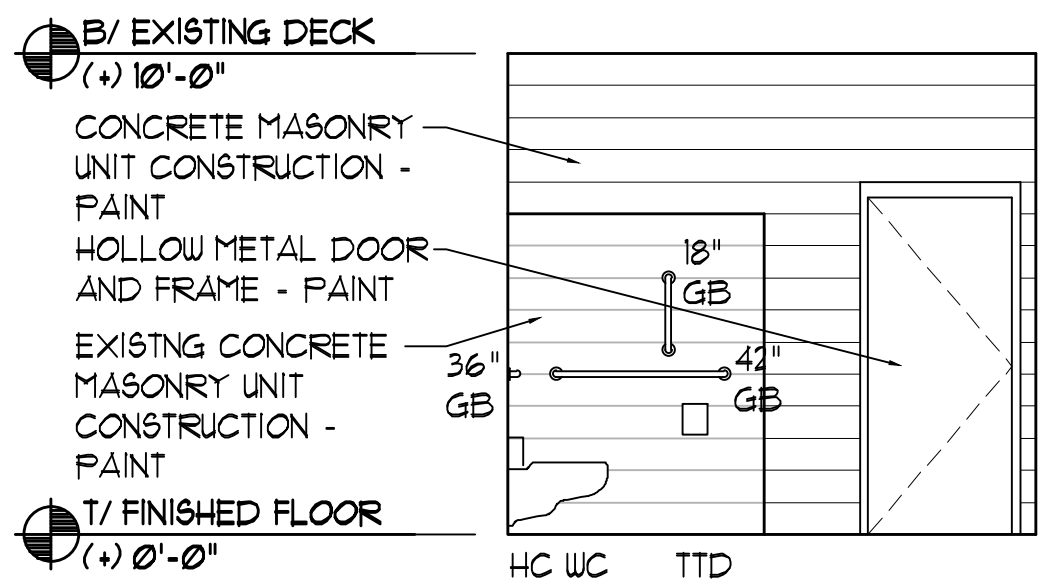
SET 2 OF 2



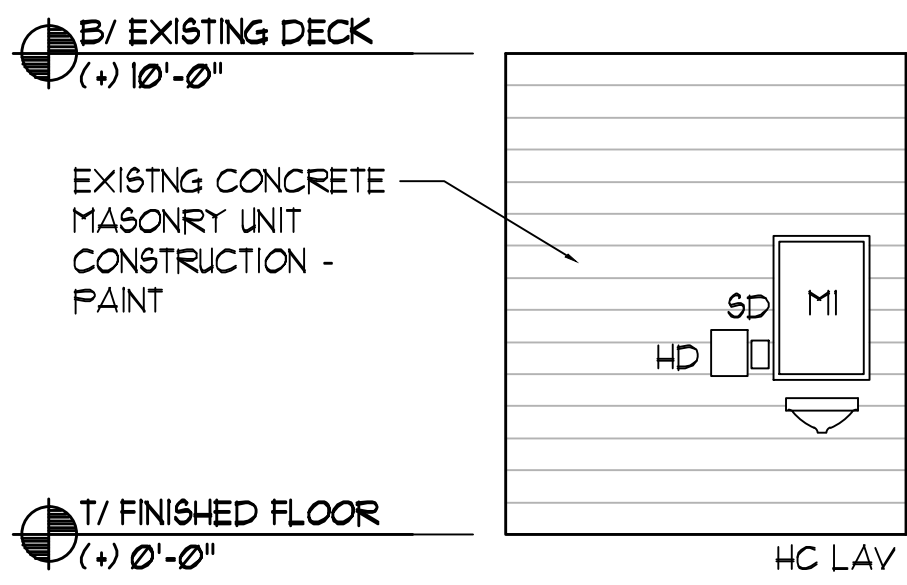
1 PARTIAL FLOOR PLAN
1/4" = 1'-0"



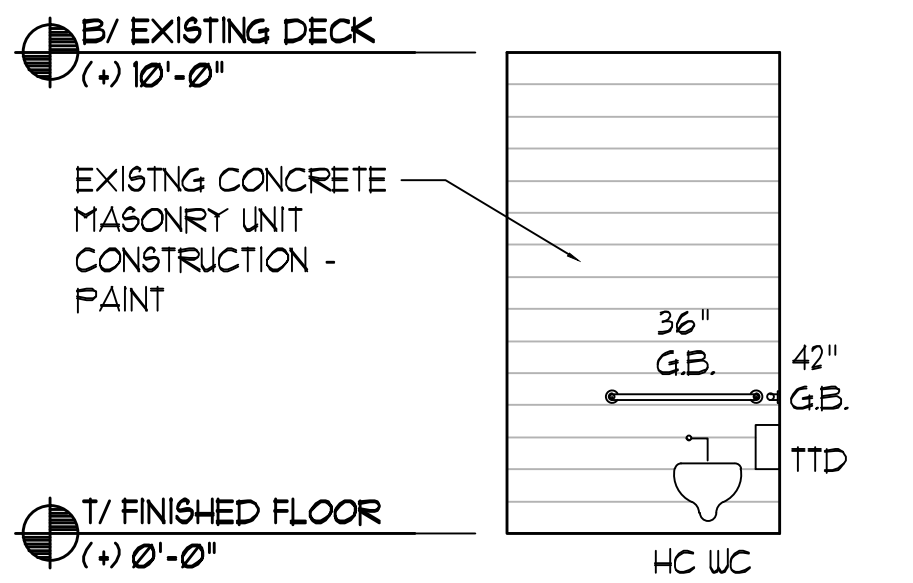
2 INTERIOR ELEVATION
1/4" = 1'-0"



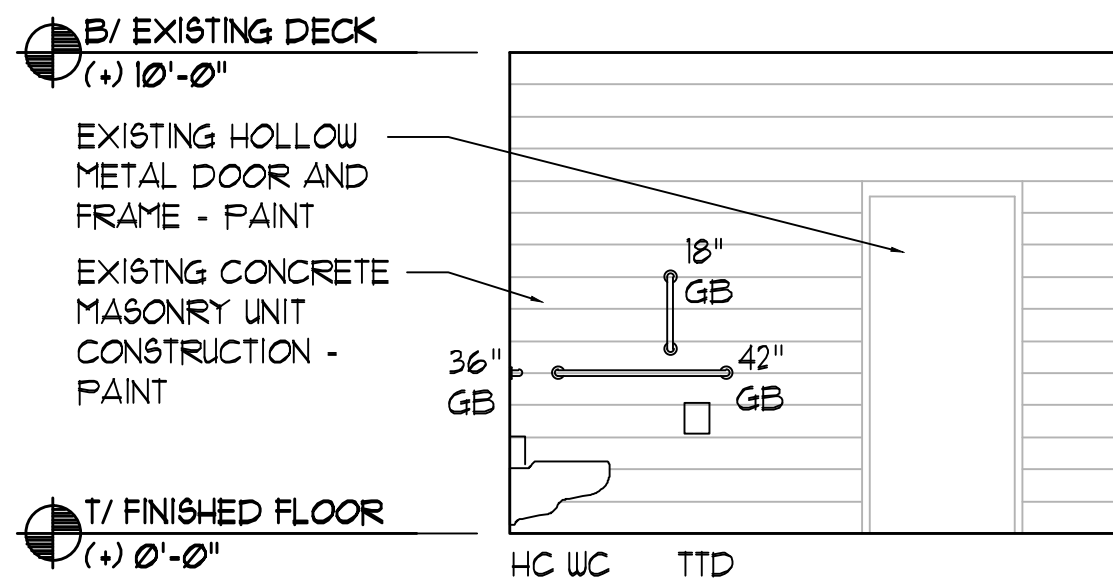
3 INTERIOR ELEVATION
1/4" = 1'-0"



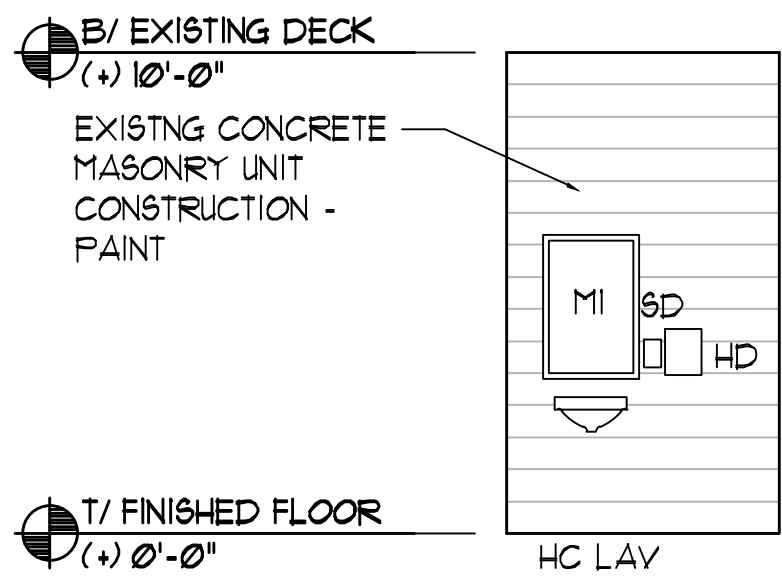
4 INTERIOR ELEVATION
1/4" = 1'-0"



5 INTERIOR ELEVATION
1/4" = 1'-0"



6 INTERIOR ELEVATION
1/4" = 1'-0"



7 INTERIOR ELEVATION
1/4" = 1'-0"

ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING	FLOORING	REF. NOTES
		WALL FINISH	WALL BASE	WALL FINISH	WALL BASE	WALL FINISH	WALL BASE	WALL FINISH	WALL BASE			
101	MEN'S	PT-1	-	PT-1	-	PT-1	-	PT-1	-	-	SC	-
102	TOILET	PT-1	-	PT-1	-	PT-1	-	PT-1	-	-	SC	-

FLOOR FINISH PLAN GENERAL NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL PRODUCT INFORMATION.
- AT AREAS WHERE PATCHING OF WALL BASE IS REQUIRED - FINISH TO MATCH ADJACENT IN MATERIAL, COLOR, HEIGHT, FINISH AND PROFILE.
- DO NOT PAINT PREFINISHED ITEMS.
- ALL FLOOR DRAINS AND CLEANOUT COVERS ARE TO BE FLUSH WITH FINISHED FLOORING.
- AT ALL AREAS WHERE MECHANICAL EQUIPMENT HAS BEEN REMOVED - PATCH AND PAINT EXISTING EXPOSED CONSTRUCTION - MATCH ADJACENT EXISTING CONSTRUCTION IN MATERIAL, TEXTURE, SIZE, FINISH AND COLOR.
- ALL FLOORING SHALL BE STABLE, FIRM AND SLIP-RESISTANT.
- TRANSITIONS IN FLOOR FINISHES, COLORS, OR PATTERNS ARE TO OCCUR AT THE CENTER OF DOORS UNLESS NOTED OTHERWISE.

ROOM FINISH SCHEDULE LEGEND

- PT-1 PAINT COLOR 1 - GENERAL FIELD COLOR
PT-2 PAINT COLOR 2 - DOORS AND FRAMES
SC SEALED CONCRETE

FLOOR PLAN GENERAL NOTES

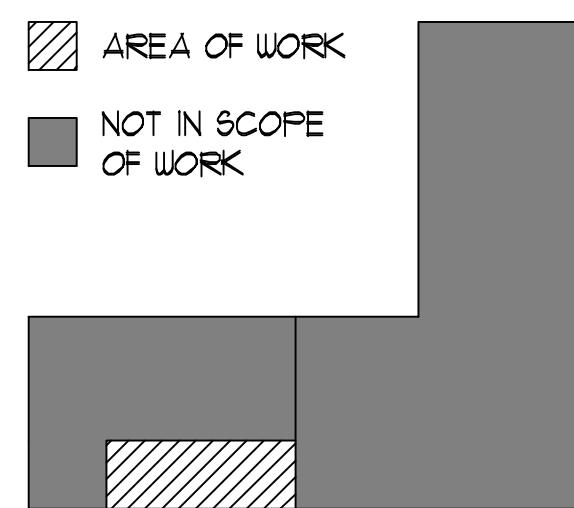
- VERIFY EXACT DIMENSIONS OF ALL EXISTING CONDITIONS IN FIELD. GENERAL CONTRACTOR TO VERIFY AND COORDINATE ALL LAY OUTS AMONG ALL TRADES AFFECTED - NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION BY ANY TRADE.
- REFER TO PROJECT MANUAL FOR PRODUCTS, MATERIALS, PROCEDURES AND ADDITIONAL INFORMATION NOT COVERED IN DRAWINGS.
- PROTECT ALL EXISTING FINISHES, EQUIPMENT, AND ADJACENT WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED FINISHES, EQUIPMENT, OR ADJACENT SURFACES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- PATCH EXISTING CONSTRUCTION AT ALL LOCATIONS OF ITEMS SCHEDULED TO BE REMOVED. FINISH TO MATCH ADJACENT SURFACES IN MATERIAL AND TEXTURE. TOOTH-IN ALL MASONRY IN WHOLE UNITS.
- PATCH AND SMOOTH EXISTING FLOOR TO MATCH ADJACENT SURFACES AS REQUIRED TO INSTALL NEW FLOOR FINISH.
- AT ALL FLOOR SLABS TO RECEIVE FLOOR FINISH, CONTRACTOR SHALL GRIND HIGH SPOTS, FILL DEPRESSIONS AND INFILL ANY UNUSED PENETRATIONS IN THE FLOOR SLAB WITH A MATERIAL SUITABLE TO THE FLOORING MANUFACTURER. ALL CRACKS LARGER THAN 1/8" ARE TO BE GROUND OUT AND FILLED AS PER THE MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE LINTELS ABOVE ALL DOORS, PENETRATIONS, LOUVERS, ETC. IN MASONRY WALLS - REFER TO LINTEL SCHEDULE ON STRUCTURAL DRAWINGS - REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL LINTEL LOCATIONS REQUIRED DUE TO DUCT PENETRATIONS, ETC.
- PATCH, PAINT, AND CLEAN EXISTING WALLS, FLOORS, AND CEILINGS AT ITEMS SCHEDULED TO BE REMOVED.
- REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING WALL CONSTRUCTION AS REQUIRED TO INSTALL MECHANICAL, PLUMBING, AND ELECTRICAL WORK - PATCH WALLS AT REMOVED MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT TO BE REMOVED.
- CUT, CORE, AND PATCH CONCRETE SLABS AS REQUIRED TO INSTALL PLUMBING, MECHANICAL, AND ELECTRICAL WORK.
- OWNER TO REMOVE AND REINSTALL ALL LOOSE FURNITURE AND ELECTRONIC EQUIPMENT UNLESS OTHERWISE NOTED - CONTRACTOR TO COORDINATE MOVING SCOPE AND STORAGE LOCATIONS WITH OWNER PRIOR TO BEGINNING ANY WORK.
- REMOVE EXISTING WALL CONSTRUCTION AS REQUIRED TO INSTALL MECHANICAL, PLUMBING, AND ELECTRICAL WORK - PATCH WALLS AT REMOVED MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT - TOOTH-IN ALL MASONRY.
- CUT, CORE AND PATCH CONCRETE SLAB AS REQUIRED TO INSTALL PLUMBING, MECHANICAL, AND ELECTRICAL WORK.
- AT ALL NEW WINDOW AND DOOR OPENINGS, TOOTH-IN NEW MASONRY UNITS AT JAMB CONDITIONS IN WHOLE UNITS TO PROVIDE A FINISHED APPEARANCE.

FLOOR PLAN REFERENCED NOTES

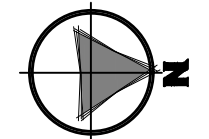
- EXISTING WALL CONSTRUCTION - PROTECT DURING CONSTRUCTION.
- EXISTING DOOR AND FRAME - PROTECT DURING CONSTRUCTION.
- EXISTING FLOOR FINISH - PROTECT DURING CONSTRUCTION.
- PLUMBING EQUIPMENT - REFER TO PLUMBING DRAWINGS - REMOVE AND REPAIR EXISTING MASONRY WALL AND CONCRETE FLOOR AS REQUIRED TO TIE INTO EXISTING PLUMBING SYSTEMS.
- NEW GRATE AT EXISTING FLOOR DRAIN.
- CONCRETE STOOP - REFER TO DETAIL 6/A2.00.

ABBREVIATIONS

- FD - FLOOR DRAIN
GB - GRAB BAR
HC LAV - HANDICAPPED ACCESSIBLE LAVATORY
MI - ADA MIRROR
TTD - TOILET TISSUE DISPENSER
SD - SOAP DISPENSER
HC WC - HANDICAPPED ACCESSIBLE WATER CLOSET
UR - URINAL
EWC - ELECTRIC WATER CHILLER



KEYPLAN
NOT TO SCALE



A1.10

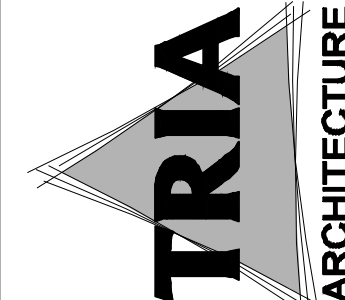
SET 2 OF 2

DUNELAND SCHOOL CORPORATION

2021 TOILET RENOVATIONS AT:

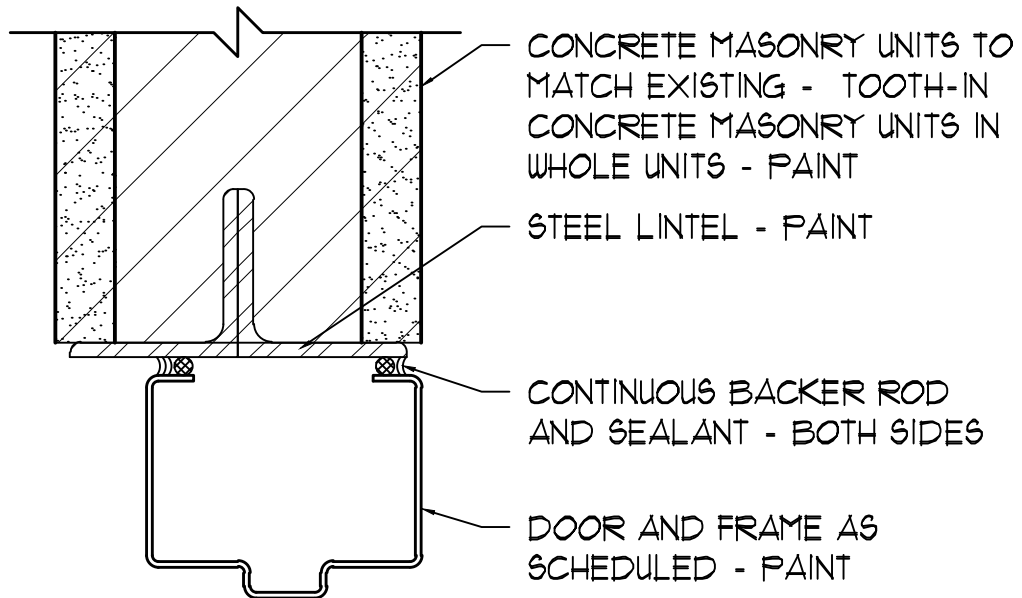
WESTCHESTER INTERMEDIATE SCHOOL (GROUNDS)
1050 S. 5TH STREET, CHESTERTON, INDIANA 46304

PROJECT NUMBER: 21-01	DATE: 05/16/2021
PROJECT MANAGER: TBS	PROJECT MANAGER: TBS
DRAWN BY: JTB	DRAWN BY: JTB
ISSUED FOR PROPOSAL: 5/17/21	ISSUED FOR PROPOSAL: 5/17/21
PARTIAL FLOOR PLAN, INTERIOR ELEVATIONS, ROOM FINISH SCHEDULE, AND NOTES	

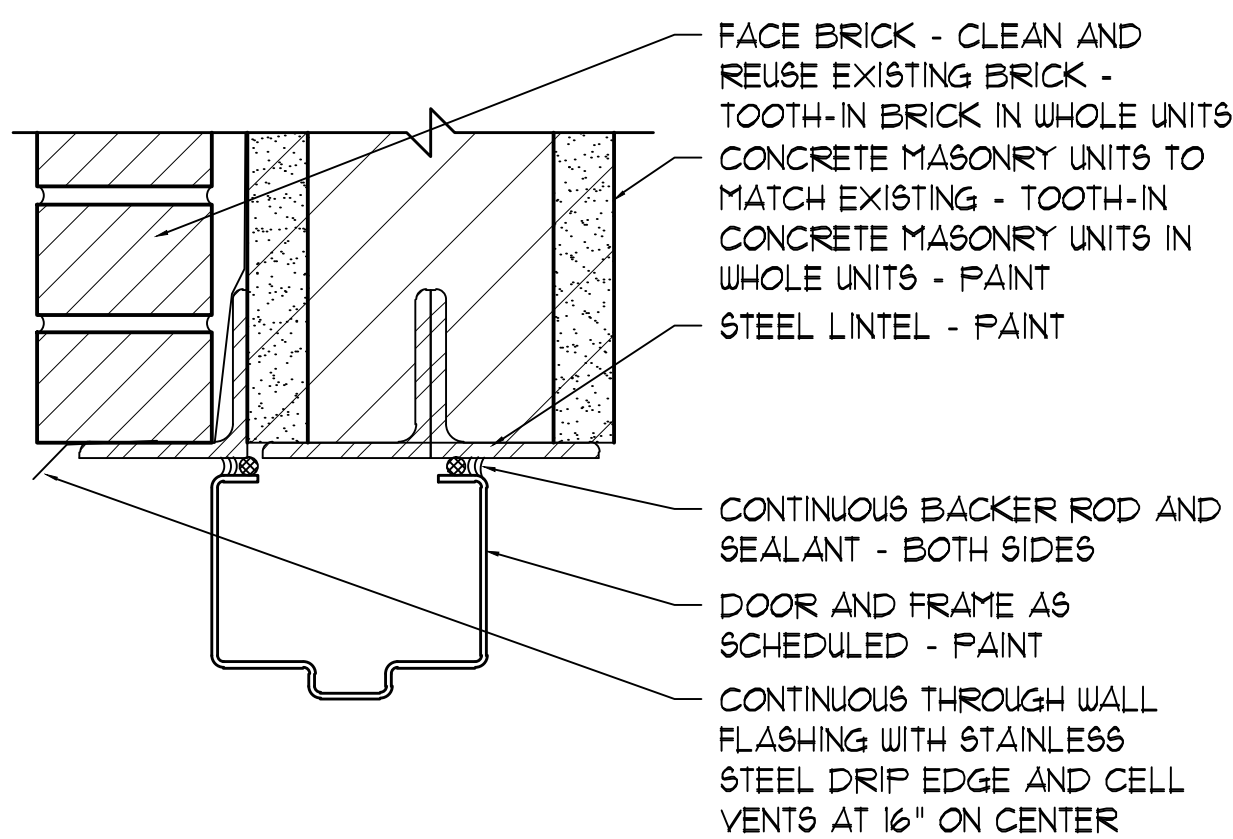


NEEPEE CONSULTANT:
OAS Professional Services, Inc.
700 FERRIS BLVD., SUITE 100, ELK GROVE, ILLINOIS 60054 (847) 539-1996

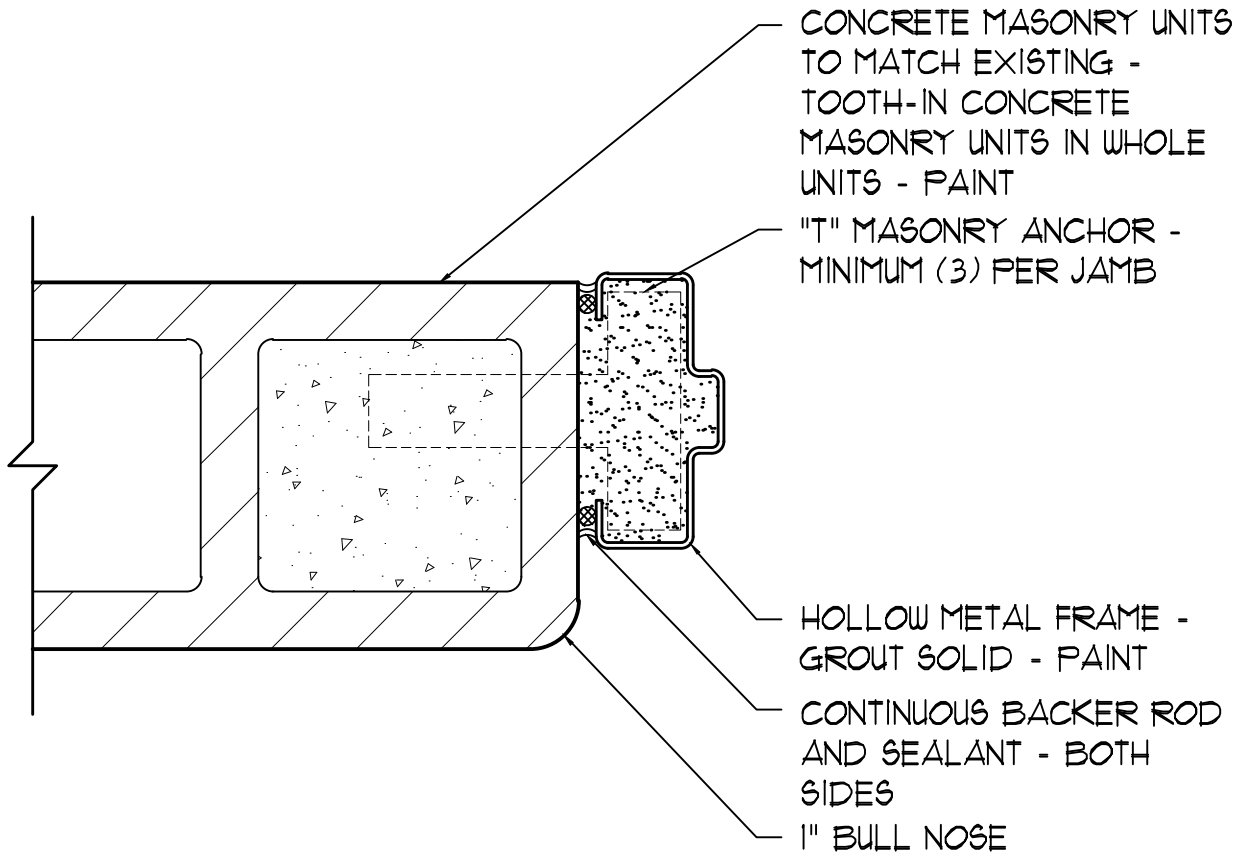
DOOR AND FRAME SCHEDULE																	
OPN'G NO.	DOOR						FRAME						FRAME DETAILS				ROOM
	SIZE		TYPE	MAT'L	HWR SET	PROT. RATING HOURS	SIZE		TYPE	MAT'L	PROT. RATING HOURS	REF. NOTES	HEAD	JAMB	JAMB	SILL	
	WIDTH	HEIGHT					WIDTH	HEIGHT									
1	3'-0"	7'-0"	F	HM	2	-	3'-4"	7'-4"	A	HM	-		1/A2.00	3/A2.00	3/A2.00	-	MEN'S
2	3'-0"	7'-0"	F	HM	3	-	3'-4"	7'-4"	A	HM	-		2/A2.00	4/A2.00	4/A2.00	5/A2.00	EXTERIOR
3	3'-0"	7'-0"	F	HM	2	-	3'-4"	7'-4"	A	HM	-		1/A2.00	3/A2.00	3/A2.00	-	TOILET
4	3'-0"	7'-0"	F	HM	1	-	3'-4"	7'-4"	A	HM	-		1/A2.00	3/A2.00	3/A2.00	-	STORAGE
5	PAIR 3'-0"	7'-0"	F	HM	4	-	6'-4"	7'-4"	A	HM	-	1	2/A2.00	4/A2.00	4/A2.00	5/A2.00	EXTERIOR



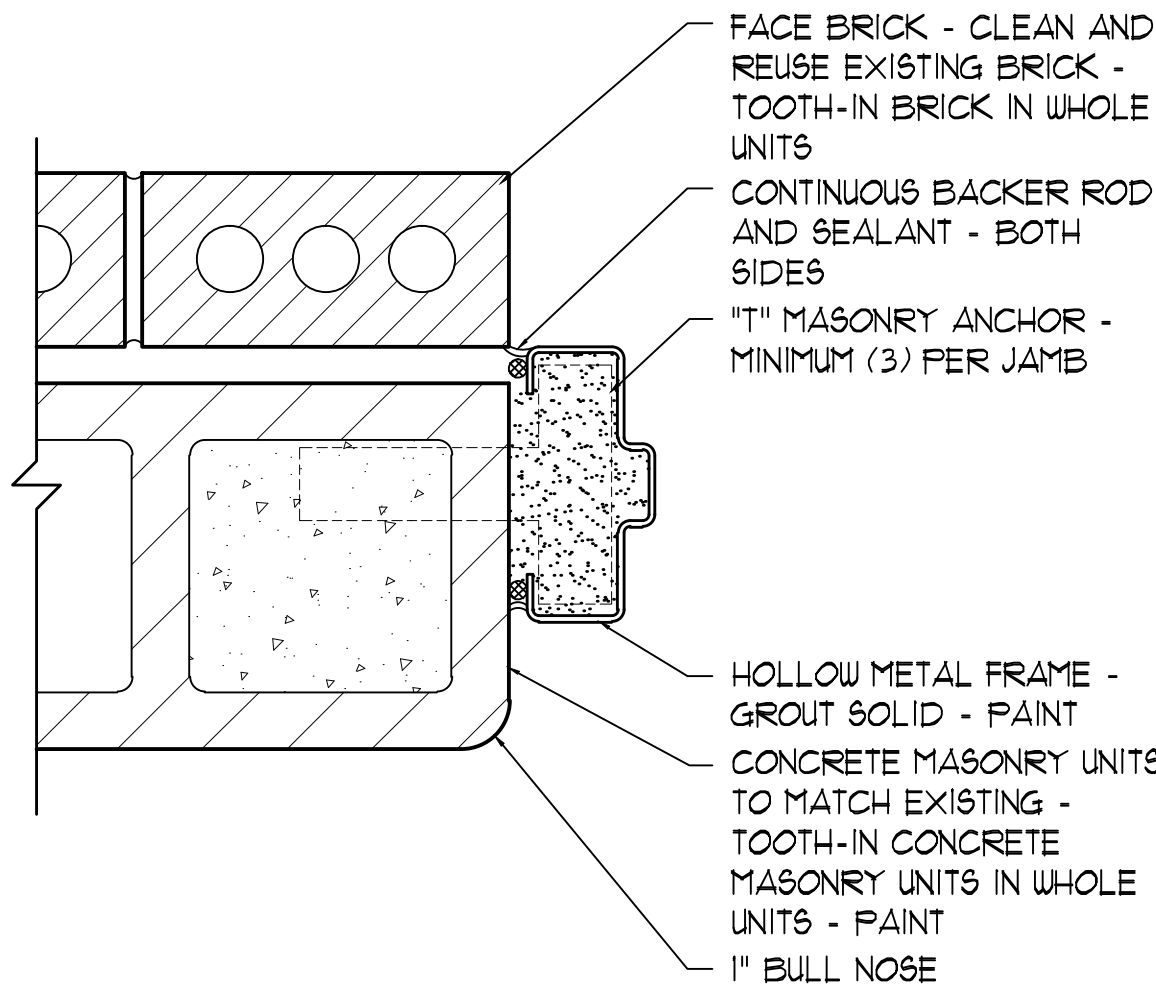
1 HEAD DETAIL
3" x 1'-0"



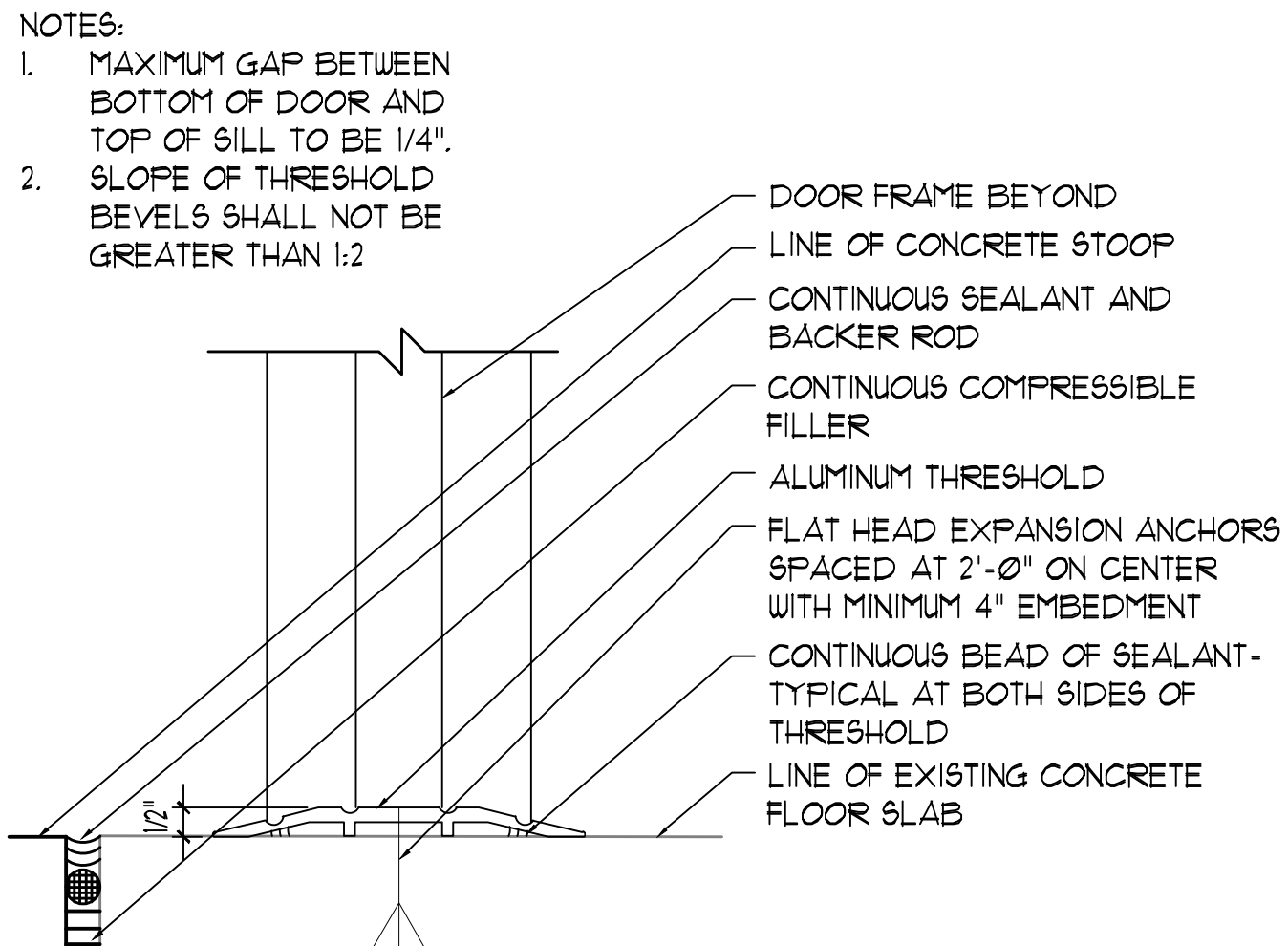
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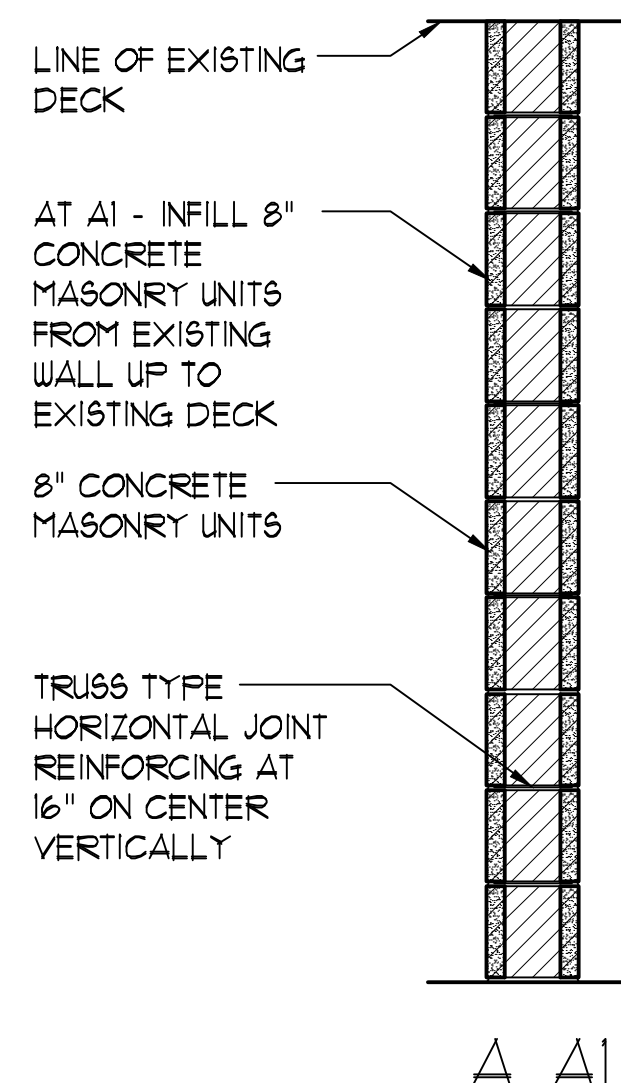
3 JAMB DETAIL
3" x 1'-0"



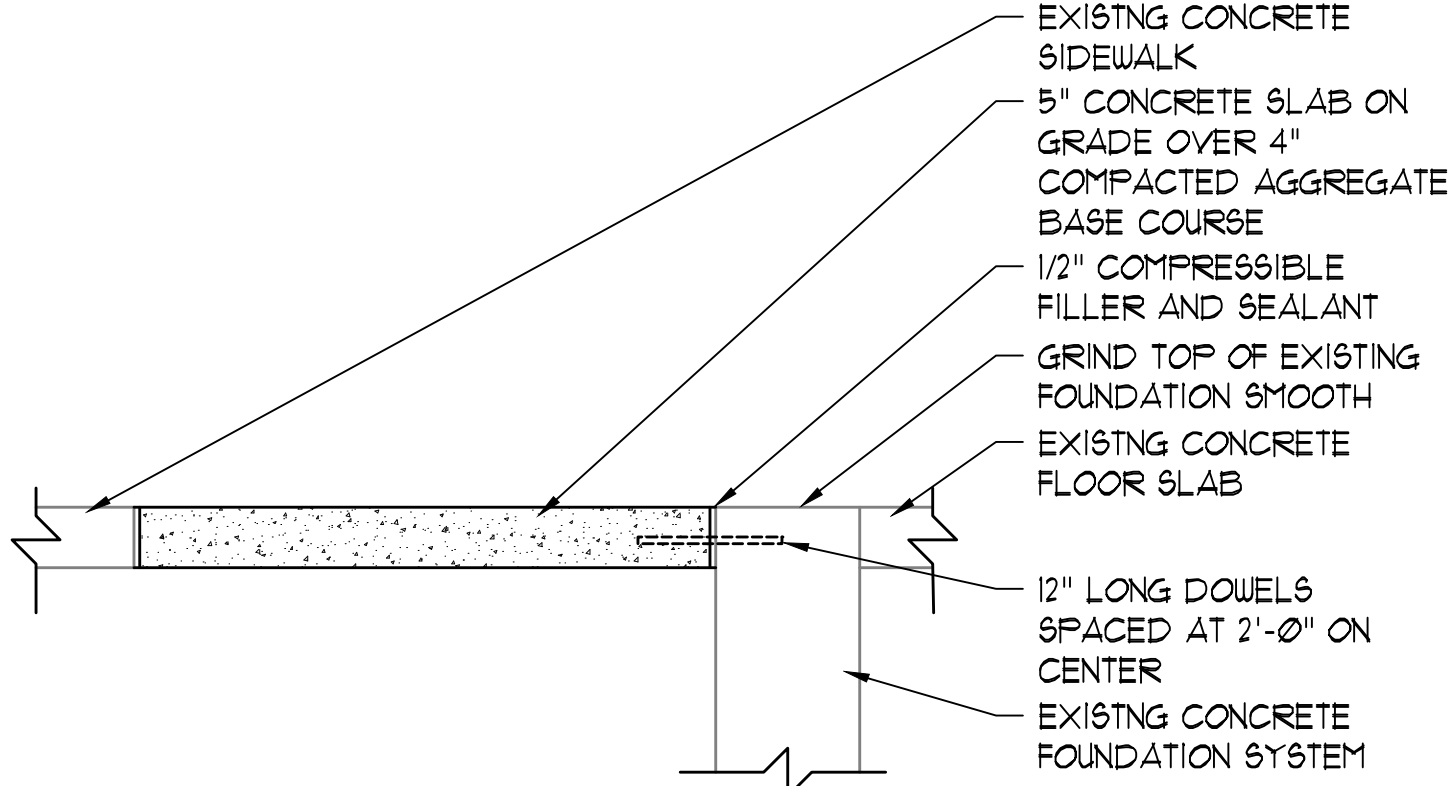
4 JAMB DETAIL
3" x 1'-0"



5 SILL DETAIL
3" x 1'-0"



6 STOOP DETAIL
3/4" x 1'-0"



7 SILL DETAIL
3/4" x 1'-0"

DOOR AND FRAME GENERAL NOTES

- CONTRACTOR TO VERIFY DIMENSIONS, QUANTITIES AND CONDITIONS OF ALL ROUGH OPENINGS IN FIELD.
- GROUT JAMBS SOLID AT ALL FRAMES INSTALLED IN MASONRY OPENINGS.
- REFER TO WALL TYPES FOR WALL CONSTRUCTION AT DOOR LOCATIONS.
- REFER TO SPECIFICATIONS FOR DESCRIPTIONS OF HARDWARE SETS.
- ALL EXPOSED ANCHORS ON HOLLOW METAL FRAMES ARE TO BE COUNTERSUNK INTO FRAMES, COVERED IN BONDO, SANDED SMOOTH, AND PAINTED TO MATCH FRAME.
- HEIGHT OF DOOR OPERATING HARDWARE SHALL BE NO LESS THAN 34" AND NO MORE THAN 48" ABOVE FINISHED FLOOR. COORDINATE EXACT HEIGHT WITH OWNER AND ARCHITECT.
- DOOR HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE.
- DOOR OPERATING FORCE SHALL NOT EXCEED:
EXTERIOR HINGED DOORS: 85 LB
INTERIOR HINGED DOORS: 5 LB
- ALL EGRESS DOORS ARE TO UTILIZE KEYLESS LOCKETS ON THE EGRESS SIDE. NO FLUSH BOLTS, DEAD OR DRAW BOLTS, ETC. WILL BE ALLOWED.
- REFER TO MECHANICAL DRAWINGS FOR ANY 1" DOOR UNDERCUTS OR DOOR VENTILATION LOUVERS REQUIRED.

DOOR AND FRAME ABBREVIATIONS

HM	HOLLOW METAL
TYP	TYPICAL

DOOR AND FRAME REFERENCED NOTES

- REMOVABLE MULLION.

LOOSE LINTEL SCHEDULE

MARK	SIZE	END BEARING	SHAPE	REMARKS
L1	L3-1/2"x3-1/2"x5/16"	8" MIN		---
L2	L5"x3-1/2"x5/16"	8" MIN		---

- NOTES:
- PROVIDE 1 ANGLE FOR EACH 4" OF WALL THICKNESS
 - PLATES ON LINTELS SHALL BE SHOP WELDED TO MEMBER W/ 1/4"x2" FILLET WELDS AT 12" O.C. STAGGERED. PLATES TO BE 1/2" LESS THAN NOMINAL WIDTH OF WALL.
 - WELD TOGETHER ALL BACK-TO-BACK ANGLES.
 - CONTRACTOR TO FIELD VERIFY EXISTING WALL CONSTRUCTION PRIOR TO FABRICATING LINTELS.

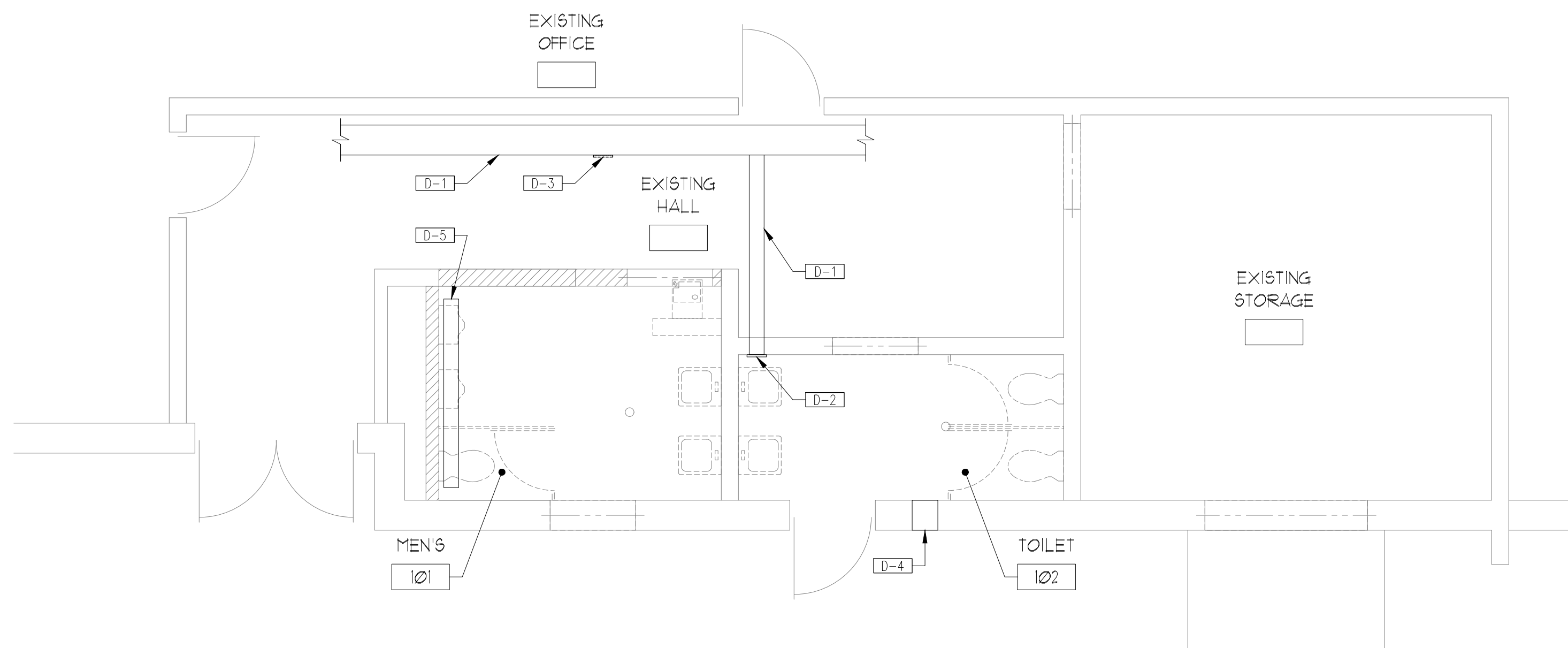
WALL TYPE GENERAL NOTES

- PROVIDE HORIZONTAL JOINT REINFORCING AT FIRST TWO COURSES AT TOP AND BOTTOM OF MASONRY WALLS AND ABOVE AND BELOW MASONRY OPENINGS.
- WALL TYPES TO EXTEND ABOVE AND BELOW OPENINGS AND PENETRATIONS.
- WALL TYPES TO EXTEND UP AND AROUND ALL INTERFERENCES TO UNDERSIDE OF DECK ABOVE.
- TOOTH-IN MASONRY INTO EXISTING WALLS IN WHOLE UNITS.

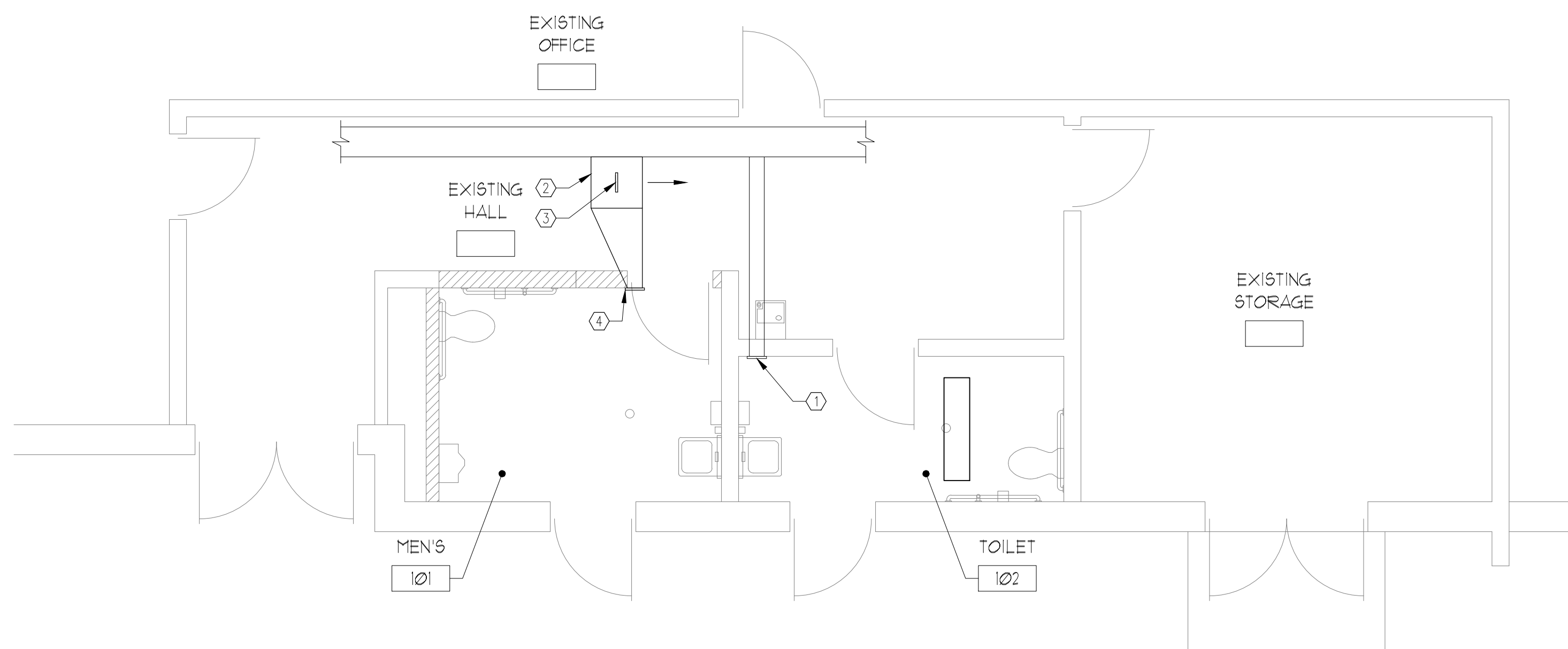
DUNELAND SCHOOL CORPORATION
2021 TOILET RENOVATIONS AT:
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PROJECT MANAGER: TBS	PROJECT MANAGER: TBS
DRAWN BY: TBS	DRAWN BY: TBS
ISSUED FOR PROPOSAL: 5/17/21	ISSUED FOR PROPOSAL: 5/17/21
DOOR AND FRAME SCHEDULE, DOOR TYPES, DETAILS, WALL TYPES, AND NOTES	





1 EXISTING PARTIAL FLOOR PLAN - MECHANICAL
1/4" = 1'-0"



2 PARTIAL FLOOR PLAN - MECHANICAL
1/4" = 1'-0"

DEMOLITION NOTES

EXISTING SUPPLY DUCT TO REMAIN.
EXISTING SUPPLY GRILLE TO REMAIN.

REMOVE EXISTING 24x6 (V.I.F.) SUPPLY REGISTER. CONTRACTOR TO MEASURE AIR FLOW PRIOR TO DEMO WORK.

EXISTING EXHAUST FAN TO REMAIN. CLEAN AND REPAIR AS REQUIRED.

EXISTING EXHAUST AND DUCT WORK TO REMAIN. CLEAN AND REPAIR AS REQUIRED. PAINT DUCT TO MATCH NEW WALL COLOR.

NEW WORK NOTES

1 PAINT EXISTING REGISTER TO MATCH NEW WALL COLOR. CONTRACTOR TO BALANCE IN FLOW TO EXISTING MEASURED.

2 TIE NEW 24x6 (V.I.F.) DUCT EXTENSION TO EXISTING SUPPLY DUCT.

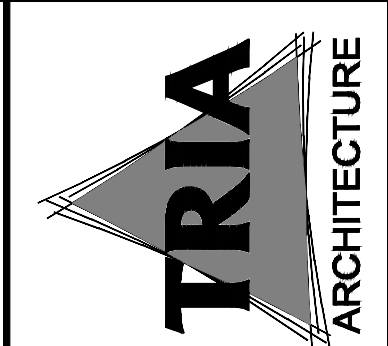
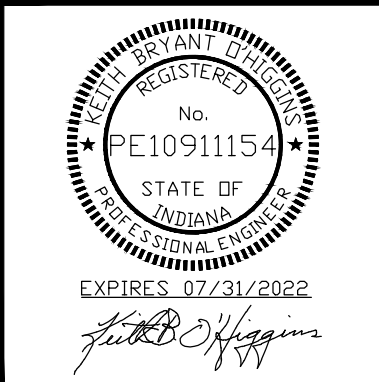
3 FURNISH AND INSTALL NEW 10"x6" REGISTER IN BOTTOM OF NEW DUCT. TWO WAY THROW 200CFM. PRICE 5200 OR EQUAL.

4 FURNISH AND INSTALL NEW 10"x6" WALL MOUNTED SUPPLY REGISTER. TWO WAY THROW 200 CFM. PAINT REGISTER TO MATCH NEW WALL COLOR. PRICE 5200 OR EQUAL.

AREA OF WORK

NOT IN SCOPE OF WORK

KEYPLAN
NOT TO SCALE

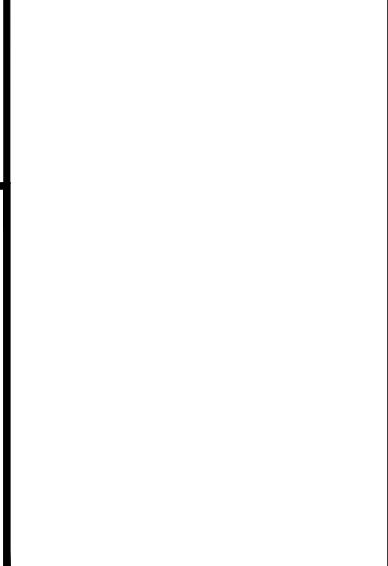


MEP/FF CONSULTANT:

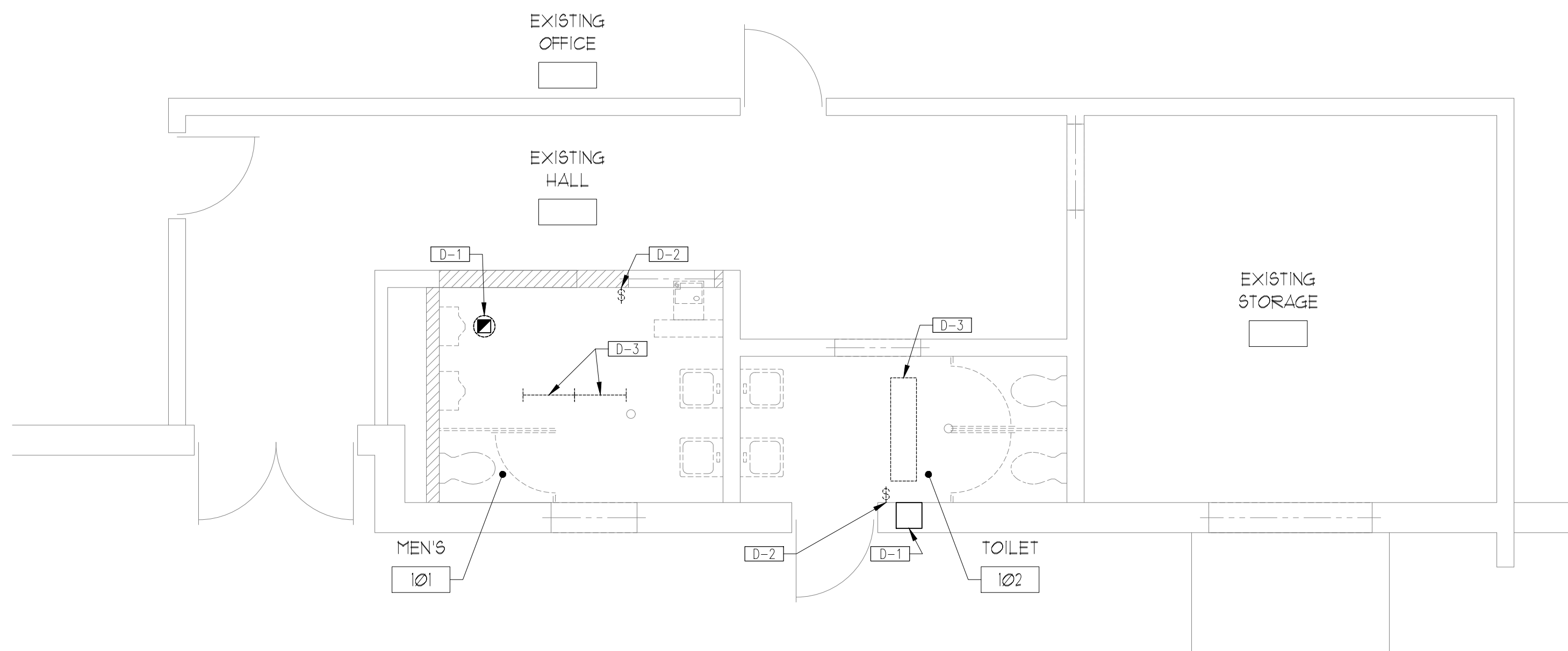
IDAS
INDIANA DESIGN AND ARCHITECTURAL SERVICES, LLC
709 HARRISON AVE., SUITE 100, CHESTERTON, INDIANA 46304

DUNELAND SCHOOL CORPORATION
2021 TOILET RENOVATIONS AT:
WESTCHESTER INTERMEDIATE SCHOOL (GROUNDS)
1050 S. 5TH STREET, CHESTERTON, INDIANA 46304

PROJECT NUMBER: 21-01	SE 1603
PROJECT MANAGER: TSS	1/1
DRAWN BY: OAS	1/1
ISSUED FOR PROPOSAL: 5/1/21	1/3
PARTIAL FLOOR PLANS - MECHANICAL	



M1.10
SET 2 OF 2



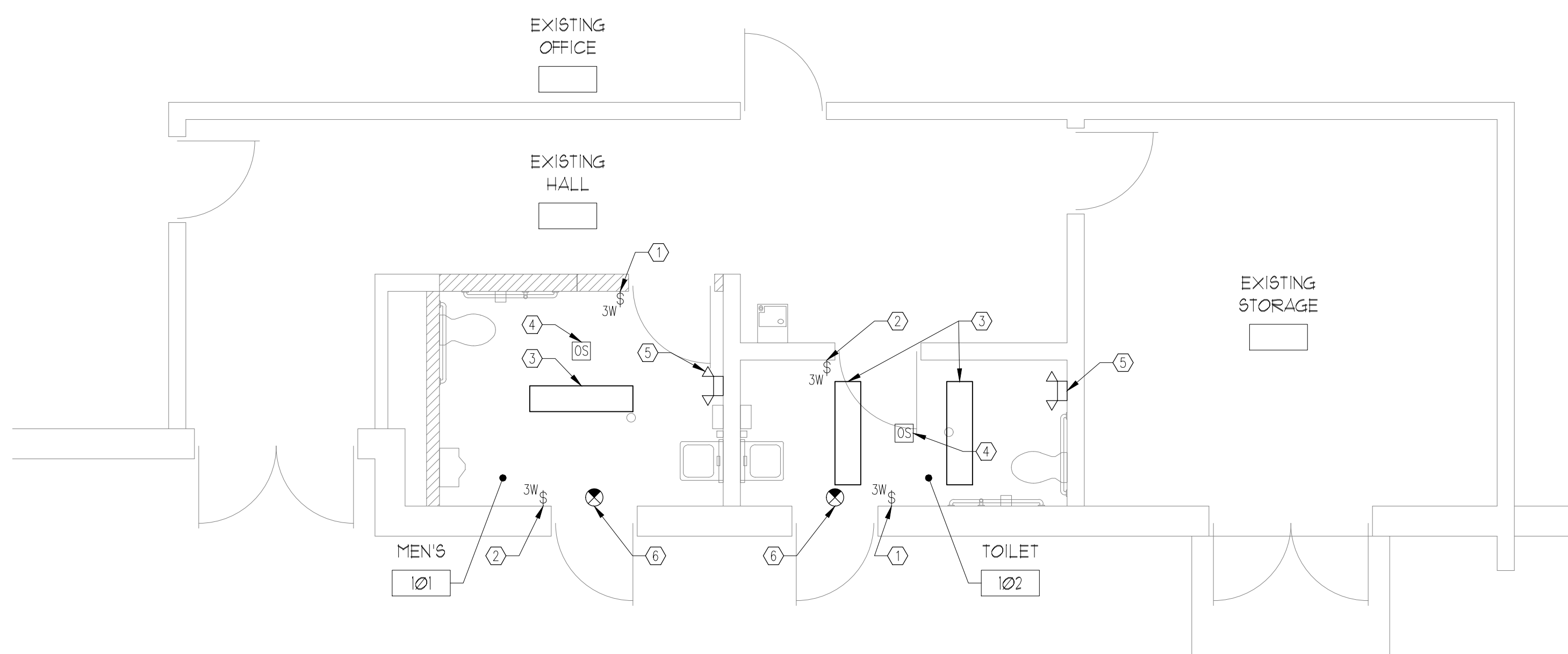
1 EXISTING PARTIAL FLOOR PLAN - ELECTRICAL
1/4" = 1'-0"

DEMOLITION NOTES

EXISTING FAN TO REMAIN.

EXISTING SWITCH BOX TO REMAIN. REMOVE SWITCH AND WIRING.

REMOVE EXISTING SURFACE MOUNTED LIGHTING CIRCUIT AND CONDUIT TO REMAIN.



2 PARTIAL FLOOR PLAN - ELECTRICAL
1/4" = 1'-0"

NEW WORK NOTES

① REWIRE SWITCH LEG AND INSTALL NEW 3-WAY SWITCH.

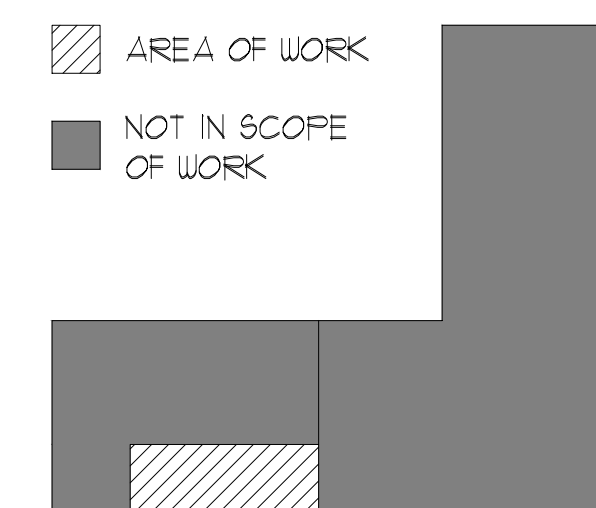
② INSTALL SURFACE MOUNTED CONDUIT AND BOX FOR NEW SWITCH LEG AND 3-WAY SWITCH.

③ FURNISH AND INSTALL NEW SURFACE MOUNTED FIXTURE, TIE INTO EXISTING CIRCUIT. LITHONIA VAP 4000LM FSTMDMVOLT 35K80CRI.

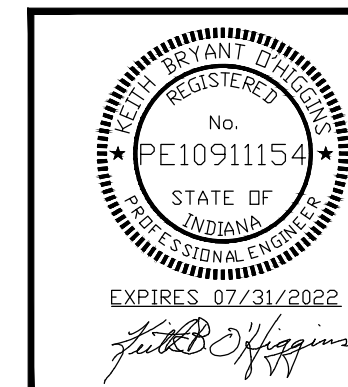
④ FURNISH AND INSTALL OCCUPANCY SENSOR TO BE TIED INTO LIGHTING CIRCUIT AND SHALL ALSO BE TIED INTO EXHAUST FAN POWER TO START AND STOP FAN.

⑤ FURNISH AND INSTALL EMERGENCY LIGHT. TIE INTO NEAREST UNSWITCHED POWER. LITHONIA ELM2L WPVS. PROVIDE WIRE GUARD.

⑥ FURNISH AND INSTALL EXIT LIGHT. TIE INTO NEAREST UNSWITCHED POWER. LITHONIA LQMWRELNSD. PROVIDE WIRE GUARD.



KEYPLAN
NOT TO SCALE

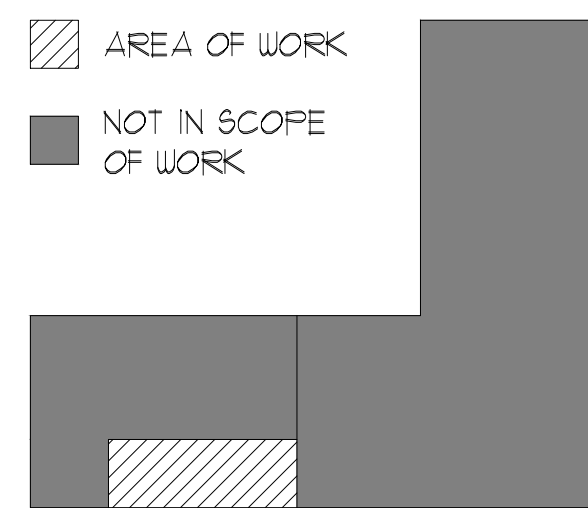


DEMOLITION NOTES

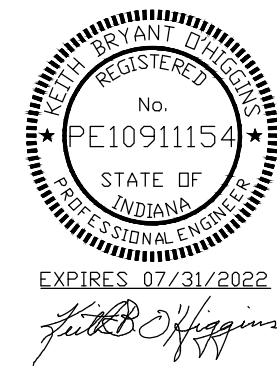
- EXISTING 1/2" HW TO REMAIN. REMOVE INSULATION.
- EXISTING 1-1/2" CW TO REMAIN. REMOVE INSULATION.
- REMOVE CW PIPING AND INSULATION TO WALL AT LAV'S AND WC'S.
- REMOVE HW PIPING AND INSULATION TO WALL AT LAV'S.
- REMOVE VENT ON CEILING. CAP IN WALL AT EACH END.
- REMOVE EXISTING WALL HUNG WATER CLOSET AND CW CONNECTION.
- REMOVE EXISTING WALL HUNG LAVATORY'S, WASTE AND CW, HW CONNECTIONS. CAP WEST SANITARY IN WALL. CAP WEST HW & CW PIPING IN WALL.
- REMOVE EXISTING WALL HUNG URINAL, WASTE AND CW CONNECTION.
- REMOVE FLOOR MOUNTED WATER CLOSET AND CW CONNECTION. CAP WASTE IN FLOOR AND SEAL.
- REMOVE DRINKING FOUNTAIN, WASTE, VENT AND CW CONNECTION IN THEIR ENTIRETY.
- EXISTING FLOOR DRAIN TO REMAIN.

NEW WORK NOTES

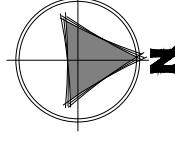
- ① FURNISH AND INSTALL NEW WALL HUNG WATER CLOSET:
 - A. BOWL: ANSI A112.19.2; WALL HUNG, HANDICAP HEIGHT, MANUAL LEVER, SIPHON JET WHITE VITREOUS CHINA CLOSET BOWL, WITH ELONGATED RIM, 1-1/2" SPUD, CHINA BOLT CAPS, MODEL AFWALL 2257.001 MANUFACTURED BY AMERICAN STANDARD.
 - B. FLUSH VALVE: ANSI A112.19.6; EXPOSED CHROME PLATED, DIAPHRAGM TYPE WATER CLOSET FLUSH VALVE ASSEMBLY. VALVE BODY, TAILPIECE AND CONTROL STOP WILL BE IN CONFORMANCE WITH ASTM ALLOY CLASSIFICATION FOR SEMI-RED BRASS. FLUSH VALVE ASSEMBLY TO BE CONSTRUCTED WITH DUAL FILTERED DIAPHRAGM FOR FLUSH VALVE ACCURACY, SKIRTED HIGH BACK PRESSURE VACUUM BREAKER WITH BOTTOM HEX COUPLING NUT, HAND WHEEL ANGLE CHECKSTOP, SWEAT SOLDER ADAPTER KIT, AND CAST WALL FLANGE WITH SET SCREW; MODEL REGAL 111-1.28XL MANUFACTURED BY SLOAN VALVE CO.
 - C. SEAT: ANTI-MICROBIAL SOLID WHITE PLASTIC, OPEN FRONT, EXTENDED, SELF-SUSTAINING CONTINUOUS STAINLESS STEEL HINGE, BRASS BOLTS, WITHOUT COVER.
 - D. WALL MOUNTED CARRIER: ANSI A112.6.1; ADJUSTABLE CAST IRON FRAME, INTEGRAL DRAIN HUB AND VENT, ADJUSTABLE SPUD. LUGS FOR FLOOR AND WALL ATTACHMENT, THREADED FIXTURE STUDS WITH NUTS AND WASHERS.
- ② FURNISH AND INSTALL NEW WALL HUNG LAVATORY:
 - A. BASIN: ANSI A 112.19.2; WHITE VITREOUS CHINA; HANDICAPPED WALL-HUNG LAVATORY 21x18 INCH MINIMUM, WITH 4-INCH HIGH BACK, DRILLINGS ON 4-INCH CENTERS, OVERFLOW AND SOAP DEPRESSION, MODEL LUCERNE 0355.012A AMERICAN STANDARD, NO SUBSTITUTIONS.
 - B. TRIM: ANSI A112.18.1; CHROME PLATED, VANDAL RESISTANT COMBINATION SUPPLY FITTING WITH OFFSET OPEN GRID STRAINER AND TAILPIECE, 1.2 GPM WATER AERATOR, VANDAL PROOF PUSH TILT SELF-CLOSING METERING HANDLES. TMV WATTS LFUSC-B-M2, CHROME PLATED 17 GAUGE BRASS P-TRAP (INSTALLED PARALLEL WITH WALL) AND ARM WITH ESCUTCHEON, MANUFACTURED BY MOEN. PROVIDE UNDER SINK PROTECTIVE PIPE COVERING FOR P-TRAP, TAILPIECE, ANGLE VALVES, SUPPLY TUBING, AND TMV; MODEL 103 AS MANUFACTURED BY TRUEBRO, INC. TRIM TO BE MOEN FAUCET MODEL 8210F12, NO SUBSTITUTIONS.
 - C. WALL MOUNTED CARRIER: ANSI A112.6.1; CAST IRON AND STEEL FRAME, LUGS FOR WALL ATTACHMENT, EXPOSED BRACKET SUPPORTS, BEARING PLATE AND STUDS.
 - D. STOPS: CHROME PLATED BRASS QUARTER TURN STOP, 3/4 INCH O.D. FLEXIBLE RISER AND FEMALE COMPRESSION INLET.
- ③ INSTALL NEW LAVATORIES WHERE OLD WERE REMOVED.
- ④ EXISTING 1/2" HW TO BE REINSULATED.
- ⑤ TIE INTO EXISTING 1/2" HW AND EXTEND NEW 1/2" HW INTO WOMEN'S TOILET ROOM.
- ⑥ EXISTING 1-1/2" CW TO BE REINSULATED.
- ⑦ TIE INTO EXISTING 1-1/2" CW AND EXTEND NEW 1-1/2" CW DOWN CORRIDOR.
- ⑧ NEW 1-1/2" AS TIGHT TO CEILING AS POSSIBLE.
- ⑨ DROP TO NEW WATER CLOSET.
- ⑩ 1/2" CW INTO WOMEN'S TOILET ROOM.
- ⑪ FURNISH AND INSTALL METAL PIPING CHASE AT WALL AND CEILING TO CONCEAL AND PROTECT PIPING.
- ⑫ TIE NEW 1/2" HW AND CW INTO EXISTING 1/2" HW AND CW PIPING IN WALL TO SERVE NEW LAVATORIES.
- ⑬ 3" SANITARY WASTE FROM WATER CLOSET, THROUGH WALL AND DOWN UNDERGROUND. TIE INTO EXISTING WASTE ON TOILET ROOM SIDE OF WALL.
- ⑭ RECONFIGURE SANITARY, VENT AND CW PIPING IN CLOSET AS REQUIRED TO MEET NEW FIXTURE LOCATIONS. ALL CW PIPING TO BE NEWLY INSULATED.
- ⑮ TIE NEW 2" VENT INTO EXISTING VENT AT WALL.
- ⑯ NEW 2" VENT TO BE RUN TIGHT TO WALL AND CEILING.
- ⑰ TIE NEW 2" VENT INTO EXISTING RECONFIGURED VENT IN CHASE.
- ⑱ URINAL
 - A. ANSI A112.19.2, WHITE VITREOUS CHINA, WALL HUNG HANDICAPPED WASHOUT URINAL WITH SHIELDS, INTEGRAL TRAP, REMOVABLE STAINLESS-STEEL STRAINER, 3/4 INCH TOP INLET SPUD, WALL MOUNTED STEEL SUPPORTING HANGER AND 2 INCH BRASS FEMALE THREADED OUTLET WITH GASKET AND HANGER BOLTS; MODEL 6590.001EC MANUFACTURED BY AMERICAN STANDARD.
 - B. FLUSH VALVE: ANSI A112.19.6; EXPOSED CHROME PLATED, SENSOR ACTIVATED, DIAPHRAGM TYPE URINAL FLUSH VALVE ASSEMBLY WITH TRUE MECHANICAL OVERRIDE BUTTON AND HARD WIRED IN WALL SENSOR AND TRANSFORMER AND ELECTRICAL BOX POSITIONING AND SUPPORT KIT. STAINLESS STEEL VANDAL RESISTANT SENSOR PANEL AND FRAME WITH COURTESY FLUSH OVERRIDE BUTTON. VALVE BODY, TAILPIECE AND CONTROL STOP WILL BE IN CONFORMANCE WITH ASTM ALLOY CLASSIFICATION FOR SEMI-RED BRASS-FLUSH VALVE ASSEMBLY TO BE CONSTRUCTED WITH DUAL FILTERED DIAPHRAGM FOR FLUSH VALVE ACCURACY, SKIRTED HEIGHT BACK PRESSURE VACUUM BREAKER WITH BOTTOM HEX COUPLING NUT, HAND WHEEL ANGLE CHECKSTOP, SWEAT SOLDER ADAPTER KIT, AND CAST WALL FLANGE WITH SET SCREW; MODEL REGAL 186-0.125 MANUFACTURED BY SLOAN VALVE CO.
 - C. WALL MOUNTED CARRIER: ANSI A112.18.1; STEEL FRAME WITH TUBULAR LEGS, LUGS FOR FLOOR AND WALL ATTACHMENT, THREADED FIXTURE STUDS FOR FIXTURE HANGER AND BEARING PLATE.



KEYPLAN
NOT TO SCALE



1 EXISTING PARTIAL FLOOR PLAN - PLUMBING
1/4" = 1'-0"



2 PARTIAL FLOOR PLAN - PLUMBING
1/4" = 1'-0"

