### PROJECT GENERAL NOTES

I. These notes are intended for general reference and information and to augment the Contract and Specification information provided under separate cover. Refer to those Specifications for detailed information and requirements.

2. All Work included in this Contract shall conform to all national, state, and local Codes, Ordinances and Agency requirements including, but not limited to: hazardous material removal, solid waste disposal, seismic design, and life-safety.

#### B. Definitions:

New: May be used to indicate items which shall be furnished and installed by this Contract. Typically used to ensure clarity between various components of the drawings. Not all items are labeled as "new" when it is obvious by other indication **Existing:** Existing building or site components which are in place at the start of Construction.

Architect for clarification. **Repair:** Restore to proper operating and aesthetic condition.

Not all items are labeled as "existing" when it is obvious by other indication. Consult the

**Restore:** Bring back to former condition, by repairing or patching as required. **Patch:** Restore to condition matching existing adjacent construction, surface texture and finish. **N.I.C.** (Not In Contract): Work which is not included in this Contract, but which may require

Contractor coordination. **Remove:** Dismantle and/or extract from the premises entirely. Dispose of off site unless noted Replace: Dismantle and/or extract from the premises entirely. Dispose of off site unless noted

otherwise. Provide new material as indicated. Damages: Existing building or site components, not scheduled for work, which are damaged. Such elements and components shall be replaced or restored to original condition by methods approved by the Architect.

**Demolish:** Dismantle and/or extract from the premises entirely. Dispose of off site unless noted **Salvage:** Remove and reinstall or remove and deliver to the Owner, as indicated. Salvaged

components may be for limited reuse, to match existing conditions or to patch and repair as

4. It is the intent of the drawings and specifications to have the Contractor provide a complete, fully operational building. Provide all labor, materials and incidentals necessary to achieve this intent. Failure of the Drawings or Specifications to indicate each incidental shall not relieve the Contractor from providing the necessary items as part of this Contract. The Drawings show the design and layout, describe the quality level and construction techniques in a general sense only. All details are typical. What is shown in one condition applies to all other similar conditions, unless noted otherwise.

5. Verify the following items and report any discrepancies to the Architect prior to proceeding with Work, and proceed with the Work only after such discrepancies are resolved by the

building appearance

Existing conditions The size and location of all existing utilities.

Discrepancies between or within the Contract Documents. Unsuitable soils: report the location of all unsuitable soil materials below anticipated levels of footings or slabs prior to setting forms. Mechanical, electrical and plumbing coordination having potential impact on ceiling heights or

Dimensional discrepancies 6. Provide bond-outs, blocking, sleeves and pipes as required for all wall, floor, roof, and ceiling penetrations through structure. Coordinate installation of all structural, mechanical, plumbing and electrical components. Seal all penetrations in fire rated assemblies and smoke assemblies to conform to U.L. rated assemblies and all NFPA and BOCA building Code

requirements. All penetrations shall also comply with the acoustical assembly rating required for each wall or floor assembly. Refer to the Code Plans for specific Code references. Mechanical, electrical and plumbing coordination: ceiling heights and duct sizes are given. Coordinate the Work to achieve the given visual and performance requirements, and the

requirement of including mechanical, electrical and plumbing systems within the indicated

8. Do not penetrate structural beams, columns, or shear walls unless specifically detailed

9. Coordinate the Work of all Subcontractors.

**10.** Provide work holes and access holes to install new systems in concealed spaces, as required or indicated.

## **GENERAL DEMOLITION AND REMOVAL NOTES**

1. The demolition drawings provide general coordination information only, and are schematic in nature. They do not identify all individual items to be removed. In instances where walls are indicated for removal, remove all doors, windows, and miscellaneous hardware, electrical and mechanical items contained within the wall. Remove any existing construction which logically is in the way of new construction or prohibits the new construction shown on the Architectural floor plans. NOTE: Some demolition work is indicated on the Building Elevations.

2. Where existing CMU walls are scheduled for removal, remove the wall to 4 inches minimum below the existing slab. Infill the slab with concrete as indicated on the Structural drawings.

**3.** Verify existing structural conditions prior to demolition or removals.

**4.** Protect from damage and weather any existing building components, which are exposed as a result of demolition or removals.

5. Coordinate and schedule all work in existing occupied portions of the building with the

**6.** The Owner has conducted an asbestos survey and has conducted asbestos abatement. However, some asbestos-containing material may be encountered, and should be anticipated. The Contractor may discover miscellaneous undiscovered pieces of asbestos which need to be removed by the Owner's asbestos abatement Contractor. Notify the Architect and Owner immediately upon discovery of potentially asbestos

containing material. 7. Concrete slab removals may be required throughout the existing building and may not be shown on the demolition drawings. Coordinate the extent of slab removals with Structural, Mechanical and Electrical plans.

**8.** Refer to Civil, Plumbing, Mechanical, Structural and Electrical plans for additional demolition information. Coordinate the information on drawings and shall report any discrepancies to the Architect prior to proceeding with the work.

9. Removal of the materials as indicated shall be done without disturbing adjacent surfaces to remain or the current condition of the building elements.

10. The Owner shall remove furniture and other movable and/or fixed equipment prior to new work in any area, except for mechanical, electrical or minor work not requiring the Owner to completely vacate the premises. Notify the Owner of schedule for new work and extent of Owner removals necessary.

11. Remove all damaged and/or discarded building construction material from concealed spaces. Prior to closing- or sealing-off concealed spaces, the Contractor shall allow for an inspection of components which will not be visible when the spaces have been sealed.

**12.** Cut trenches in existing concrete floors with no more than a 1:2 slope. Patch concrete to match adjacent thickness and finish prior to the installation of underlayment or

13. Provide metal cover plates at all abandoned electrical devices, finished to match wall. 14. All demolition/removal debris is the property of the Contractor, unless noted

15. The Contractor may replace salvaged items with new and identical materials only with the Architect's prior approval.

#### **PLAN GENERAL NOTES**

1. The Drawings use a system of keyed notes on plans, elevations and details. Instructions for specific components of the Work are keyed to the Drawings. Building systems (partitions, roof &

foundation) are keyed to floor plans, wall sections, roof plan and other details as appropriate.

2. Work from given dimensions. In general, large-scale details take precedence over smaller scale plans, elevations and building sections. Notify the Architect of any dimensional discrepancies prior to commencing the Work, and do not begin work until such discrepancies are resolved by the Architect. Do not scale drawings. Dimensions indicated as "clear" shall be maintained in cases of discrepancy.

3. Dimensional Control:

• Exterior dimensions are from: Centerline of column to outside face of masonry

 Face of masonry to face of masonry Face of concrete to face of concrete Centerline of column to centerline of window opening

 Masonry opening to masonry opening Center line of column to face of masonry

 Interior dimensions are from: Face of stud to face of stud Face of masonry to face of masonry

Face of stud to face of masonry Centerline column to face of stud or masonry

wall/storefront sizes and requirements.

Existing dimensions are shown enclosed in square brackets [ ] and shall be verified.

**4.** Verify all existing conditions and dimensions and report any discrepancies to the Architect. Proceed with the work only after discrepancy has been resolved with the Architect.

5. Masonry Opening or Rough Opening dimensions indicated are nominal dimensions only. Coordinate all Masonry Openings or Rough Openings with actual window unit, doorframe, or curtain

**6.** All new openings into existing CMU walls for mechanical or electrical penetrations shall receive a lintel. Refer to the structural plans for lintel type. Refer to Mechanical plans for number, location, and size of all penetrations.

7. Flooring and floor finishes shall be installed to a maximum differential of 1/16" between dissimilar materials. Provide transition strips or thresholds (1/2" maximum) of same material as flooring and/or as noted on the drawings.

## 8. Typical Details:

The following details are typical throughout this project and apply in all cases unless specifically noted otherwise. Please note that these details may not be directly referenced from the plans or other details: All GWB partitions intersecting masonry partitions, either new or existing, shall be finished with a "J

bead and sealant. See Sheet A002 for typical. All new openings into existing masonry walls for either windows or doors shall be toothed in at the jambs. See Sheet A002 for typical. All columns located adjacent to or integral with GWB partition or walls shall be enclosed within the wall construction. See Sheet A002 for typical.

 All columns located integral with CMU partitions or walls shall be enclosed within the wall construction unless noted otherwise. See Sheet A002 for typical. All columns located adjacent to CMU partitions shall be enclosed within the wall construction. See Sheet A002. All roof leaders, heat piping, sprinkler risers or miscellaneous piping shall be enclosed within the wall

construction. All duct penetrations through floors shall be enclosed in a chase All top-of-wall conditions shall be sealed to deck above as indicated on the systems sheet to maintain the required smoke-or fire-rating. See sheet A002 typical details for top-of-wall conditions at intersections with structural members. Coordinate top of wall construction with framing plans.

1. Where new construction either infills or abuts existing construction, the finished faces shall

After removal of building components, any resulting holes shall be patched. Maintain existing

2. Patch and level existing floors to receive new finishes as indicated in the room finish

fire- or smoke-ratings as indicated. Such patches shall be flush with adjacent surfaces and

• Unless noted otherwise, the location of doorframes shall be: 8" from adjacent wall to the hinge side in CMU partitions. 4" from adjacent wall to the hinge side in metal stud partitions.

**GENERAL PATCHING AND REPAIRING NOTES** 

align, and the surfaces shall be finished to match.

Maintain a **clear** dimension of 1'-6" from all adjacent construction to the latch (pull) side of the door. Maintain other <u>clear</u> dimensions in accordance with the latest version of the ADA Accessibility Guidelines (ADAAG).

See Sheet A002 for typical details.

finished to match.

## WALL GENERAL NOTES

1. Fill all CMU voids with mortar or grout at all door jambs and masonry ties. Refer to Structural Drawings for notes on masonry reinforcement.

2. All partitions shall extend from sub-floor or slab to underside of floor or roof deck above,

unless noted otherwise. 3. Install one bead of acoustical sealant under each layer of GWB at intersection with floor at

4. Fill CMU solid with grout at all surface-applied fixtures, trim, grab bars, shelves, chair rails, picture rails, base moldings, tack or marker boards, window treatment, wall or base cabinets or counters, and miscellaneous accessories mounted on CMU walls.

6. Install moisture resistant GWB in toilets, janitor's closets, showers, locker rooms, kitchens,

5. Install blocking behind all surface-applied fixtures, trim, grab bars, shelves, chair rails, picture rails, base moldings, tack or marker boards, window treatment, wall or base cabinets or counters, and miscellaneous accessories mounted on stud walls. See detail Sheet A500.

each side of wall. Cover with wall base.

darkrooms, wall areas within 8 feet of sinks, and other high humidity areas. 7. All exterior wood framing in contact with concrete or ground or exposed to the weather shall be pressure treated.

8. Verify all metal cold-formed metal framing and connection requirements with engineer of exterior framing system.

**9.** All metal stud framing is 3-5/8", unless noted otherwise.

10. All CMU is 7-5/8" (8" Nominal), unless noted otherwise. **11.** New equipment mounted on existing walls: verify wall type prior to the work to determine appropriate type of anchor unless indicated otherwise. Consult Architect for clarification if

12. Locate control joints in Masonry as shown, or if not shown, in accordance with ACI 530/ACI 530.1, unless noted otherwise. 13. Typical Details:

The following details are typical throughout this project and apply in all cases unless specifically noted otherwise. Please note that these details may not be directly referenced from the plans or

## All cold-formed metal framing shall be fire stopped at each floor level.

Fill all interior hollow metal frames adjacent to CMU with mortar. Fill all new exterior metal doorframes with grout. Coat inside of all hollow metal frames with asphalt emulsion.

**2.** Unless noted otherwise, the location of doorframes shall be: • 8" from adjacent wall to the hinge side in CMU partitions.

4" from adjacent wall to the hinge side in metal stud partitions. Maintain a <u>clear</u> dimension of 1'-6" from all adjacent construction to the latch (pull) side of the Maintain other <u>clear</u> dimensions in accordance with the latest version of the ADA Accessibility

Guidelines (ADAAG) **3.** Refer to Specifications for locations of Tempered, Wired, or Insulating Glass, unless

4. See also TYPICAL WALL NOTES.

DOOR AND WINDOW GENERAL NOTES

## **CEILING GENERAL NOTES**

1. Ceiling plans do not show every fixture or component. Refer to electrical, plumbing, mechanical and structural drawings for extent of all ceiling penetrations and installations and coordinate prior to

**2.** Center grid layout in all rooms unless noted otherwise.

3. All components mounted in or below a suspended acoustic ceiling shall be centered in the ceiling tile or in the 2x2 portion of tegular tiles. This shall include, but not be limited to, light fixtures, diffusers, speakers, and sprinkler heads.

4. Prior to the installation of ceilings, allow for an above-ceiling inspection of components that will not

be visible when the ceilings have been installed.

**INTERIOR GENERAL NOTES** 1. All mounting heights and clearances at Toilet rooms and elsewhere shall comply with the latest version of the ADA Accessibility Guidelines (ADAAG).

Barrier-Free clearances are given. These <u>clear</u> dimensions shall be maintained in cases of discrepancy.

 All dimensions given for fixture and accessory locations are <u>clear</u> dimensions from finished surfaces, unless noted otherwise. Coordinate actual dimensions with wall construction and finishes.

 Locate all controls, flush valves, shutoffs and similar items in accordance with the latest version of the ADA Accessibility Guidelines (ADAAG).

A range of mounting heights may be given for some items. Maintain a consistent mounting height,

within the given range, throughout the Project, unless noted otherwise. 2. Install blocking behind all surface-applied fixtures, trim, grab bars, shelves, chair rails, picture rails, base moldings, tack or marker boards, window treatment, wall or base cabinets or counters, and miscellaneous accessories mounted on stud walls.

3. Fill CMU solid with grout at all surface-applied fixtures, trim, grab bars, shelves, chair rails, picture rails, base moldings, tack or marker boards, window treatment, wall or base cabinets or counters, and

miscellaneous accessories mounted on CMU walls. **4.** Install transition strips between dissimilar flooring materials.

**5.** All wood not indicated to be painted shall be natural finish (clear).

6. All grab bar components shall be able to withstand a horizontal load of 250lbs at any point.

## **VERTICAL CIRCULATION GENERAL NOTES**

1. All handrail and guardrail components shall be able to withstand a horizontal load of 250 pounds at any point.

**2.** Guardrails shall not allow the passage of a 4-inch sphere between members.

3. All ramp, stair, ladder, alternating tread device, handrail and guardrail components shall comply with the applicable provisions of the latest version(s) IBC, NFPA 101, and the ADA.

## **ABBREVIATIONS**

**ALUMINUM** 

**BOARD** 

BUILDING

BRICK

**BEARING** 

COURSE

**CABINET** 

**CLEANOUT** 

CONCRETE

CONTRACTOR

COUNTERSINK

**CERAMIC TILE** 

CERAMIC WALL TILE

CABINET UNIT HEATER

**DEMOLISH. DEMOLITION** 

**DEMOUNTABLE PARTITION** 

ELECTRO MAGNETIC HOLD OPEN

**EXTERIOR INSULATION FINISH SYSTEM** 

**DRINKING FOUNTAIN** 

CASEMENT

**CUBIC YARD** 

DISPLAY CASE

**DOUBLE** 

DIAMETER

DETAIL

DRAWING

DRAWER

**EXHAUST FAN** 

**ELEVATION** 

**ELEVATOR** 

**EMERGENCY** 

**EQUIPMENT** 

**EXHAUST** 

**EXISTING** 

**EXTERIOR** 

**FYFWASH** 

**FIRE BLANKET** 

FI OOR DRAIN

**FIBERGLASS** 

**FINISH GRADE** 

FLOOR(ING)

FOUNDATION

FACE OF

FRAME(ING)

**FIREPROOFING** 

**EPOXY PAINT** FI FCTRICAL

**EXPANSION JOINT** 

ENCLOSED/ENCLOSURE

**ELECTRIC WATER COOLER** 

**FURNISHED BY OWNER** 

FIRE EXTINGUISHER

FLOOR COATING SYSTEM

FIRE EXTINGUISHER AND CABINET

FIRE HOSE AND VALVE CABINET

**FINISHED FLOOR ELEVATION** 

FIBER REINFORCED PLASTIC

FIRE RETARDANT TREATED

**FLEXIBLE SHEET ROOFING** 

FIN TUBE RADIATION

**GROUND FACE CMU** 

**GYPSUM WALLBOARD** 

**HIGH DENSITY OVERLAY** 

HEATING/VENTILATION/AIR CONDITIONING

**INSTALLED BY CONTRACTOR** 

GLASS, GLAZING

**FABRIC WALL COVERING** 

FURRED(ING)

FIELD VERIFY

**GAUGE** 

**GALVINIZED** 

GRAB BAR

**HARDENER** 

**HOSE BIBB** 

HARDWOOD

HARDWARE

HAND RAII

HEATING

**HOLLOW METAL** HORIZONTAL

**HIGH SCHOOL** 

**INSIDE DIAMETER** INCH (ES)

INCLUDE (D), (ING) **INFORMATION** 

INSULATED

**INTERIOR** 

KITCHEN

**LABORATORY** 

LAMINATE (D) LAVATORY POUND (S)

I INFAR FOOT

LOCATION

**LEAD COATED COPPER** 

LIGHTWEIGHT (CMU)

INVERT

**JOINT** 

**HOLLOW CORE** 

DIMENSION

COLORED CONCRETE

**CONTINUOUS OR CONTINUE** 

COLUMN

**BLOCKING** 

**AOR** 

**BSMT** 

C, CRS

CMU

COL

CONC

CONTR

CPT

CSMT

CT

CWI

CY

DTL

DWG

**EMER** 

EXH

**EXIST** 

EXT

FCS

FFE

**FHVC** 

**FIN GR** 

FNDN

FRT

FTG

FTR

FWC

GFB

HD

НМ

HDO

HDWD

**HDWR** 

**HVAC** 

INSUL

INT

INV

LAM

FIN

DIA. DIAM

CONC/C

MATERIALS LEGEND MASONRY **ANCHOR BOLT** MATL **MATERIAL AIR BARRIER** MAXIMUM **AIR CONDITIONING** MAX MEDICINE CABINET MCWF MULTI COLOR WALL FINISH ADJUSTABLE CONCRETE MASONRY UNIT AUTOMATIC DOOR OPENER **MEDIUM DENSITY OVERLAY** ABOVE FINISHED FLOOR **MECHANICAL** AIR HANDLER MEDIUM **MEMBRANE FLASHING** AIR INFILTRATION BARRIER **ALTERNATE** MANUFACTURER MANHOLE **AREA OF REFUGE** MINIMIIM MISCELLANEOUS **APPROXIMATE** MOULDING, MOULDING ARCHITECT(URAL) **MASONRY OPENING ACOUSTICAL WALL PANEL** MOISTURE RESISTANT MOISTURE RESISTANT GYPSUM BOARD MS MOP SINK **BARRIER FREE METAL STUD FRAMING BITUMINOUS** NOT APPLICABLE **BENCHMARK NOT IN CONTRACT** WOOD FRAMING **BOTTOM OF** NUMBER NOISE REDUCTION COEFFICIENT NOT TO SCALE **BRICK SHELF** WOOD BLOCKING BASEMENT OVER ON CENTER **OUTSIDE DIAMETER** CATCH BASIN **OVERFLOW SCUPPER** GYPSUM BOARD **CENTER TO CENTER** OPAQUE OVERHEAD CUBIC FOOT **COLD FORMED METAL FRAMING** OPPOSITE HAND PLYWOOD **CONTROL JOINT** OPENING CENTERLINE OPPOSITE **OPERABLE PANEL SYSTEM** RIGID INSULATION P, PTD CERAMIC MOSAIC TILE PRECAST CONC. **CONCRETE MASONRY UNIT** PERFORATED PERIM PERIMETER

PRKG

PARKING

PLYWOOD

PARTITION

**PAVEMENT** 

PLASTIC LAMINATE

PRESSURE TREATED

POLYVINYL CHLORIDE

QUARTER ROUND

**QUARRY TILE** 

REFERENCE

RAIN LEADER

RIGHT HAND

REQUIRED

**REFRIGERATOR** 

**RUBBER FLOOR** 

**ROUGH OPENING** 

RIGHT OF WAY

SOLID CORE

SCHEDULE

SQUARE FOOT

SHOWER

SIMILAR

SEALANT

SPEAKER

STANDARD

STORAGE

SUPPORT

**STRUCTURAL** 

SUSPENDED

SHEET VINYL

**TOWEL BAR** 

**TACKBOARD** 

THICK(NESS)

TELEVISION

**VALVE CABINET** 

**TYPICAL** 

VERTICAL

**TONGUE AND GROOVE** 

**TOILET PAPER DISPENSER** 

**UNLESS NOTED OTHERWISE** 

**VAPOR BARRIER/VINY BASE** 

**VINYL COMPOSITION TILE** 

**UNDER COUNTER REFRIGERATOR** 

TEMPERED GLASS

**TOILET PARTITION** 

SQUARE

**SHEATHING** 

SHTHG

SPEC

STC

STRUCT

SUPT

SUSP

TPD

UCR

VERT

WGL

SIM

**SAFETY GLASS** 

SPECIAL PAINT

SPECIFICATION

**STAINLESS STEEL** 

**REVISION (S), REVISED** 

SUSPENDED ACOUSTICAL TILE

STORM DRAIN, SOAP DISPENSER

SANITARY NAPKIN RECEPTOR

SOUND TRANSMISSION CLASS

STRUCTURE/STRUCTURAL

POUNDS PER SQUARE FOOT

**POUNDS PER SQUARE INCH** 

PAPER TOWEL DISPENSER

PLATE

# SYMBOLS

Room 1i SPECIALTY EQUIPMENT\ 101 **ROOM TAG** TOILET ACCESSORY TAG 1i CASEWORK TAG

WINDOW\GLAZING TAG WALL TAG

**BUILDING SECTION** 

BATT INSULATION

WALL SECTION

PLAN OR SECTION DETAIL

**EXTERIOR ELEVATION** INTERIOR ELEVATION

FLOOR LEVEL\VERTICAL ELEVATION

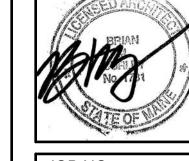
**COLUMN CENTERLINE** 

**VENEER PLYWOOD** VINYL WALL COVERING WEST WITH **WATER CLOSET** WOOD WIRE GLASS WATER HEATER WITHOUT WATERSTOP WATERPROOF **WELDED WIRE FABRIC** 

**WELDED WIRE MESH** ZINC-COATED COPPER FIRE RATINGS \_\_\_\_\_ SMOKE

1 HOUR FIRE & SMOKE RATED PARTITION ----2 HOUR FIRE & SMOKE RATED PARTITION

1/2 HOUR FIRE & SMOKERATED PARTITION \_\_ \_ \_ \_ \_ \_



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CHK: Author Checke SCALE:

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GENERAL NOTES, SYSTEMS & MATERIAL LEGEND

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Revision Schedule

No. Date Description