Architect’s Supplemental Instruction (ASI)

Date: November 11, 2021  ASI No.: 1
Project: The Burnham  LHB Project No.: 180039
Owner: New Burnham LLC  Architect: LHB, Inc.
Contractor: Gardner Builders  Contract For: General Construction

The following work shall be provided in accordance with the Contract Documents and these Supplemental Instructions. The Contractor acknowledges that by proceeding with the Work, there will be no change to the Contract Sum or the Contract Time.

Reason: ☒ Owner Request  ☐ Unforeseen Condition  ☒ Code  ☐ Contractor / CM  ☐ Other

1. Replace Sheet G0.00 in its entirety
   a. Plan review response – Code references updated
   b. Sheet A4.07 added to the sheet index

2. Replace Sheet G0.01 in its entirety
   a. Plan review response – Egress travel/common travel path, travel distances, occupant load calculations, and exit signage have been added to the life safety plan

3. Replace Sheet G0.02 in its entirety
   a. Plan review response - All known incorrect code references have been modified and are either bubbled or indicated with red text.

4. Replace Sheet G0.03 in its entirety
   a. Plan review response - All known incorrect code references have been modified and are either bubbled or indicated with red text. Basement means of egress sizing calculation is provided in the code summary

5. Replace Sheet D1.10 in its entirety.
   a. New/revised demo notes have been added to several window openings
   b. Drawing reference modified

6. Replace Sheet D1.20 in its entirety.
   a. New/revised demo notes have been added to several window openings

7. Replace Sheet D1.40 in its entirety.
   a. New/revised demo notes have been added to several window openings

8. Replace Sheet A1.10 in its entirety.
   a. Plan review response – An L2-2 type wall with a 2-hour rating has been added to the plan south side of Stair A to provide the 2 hour fire rating
   b. Clear opening at corridor near mailboxes modified.
   a. Plan review response – Wall type L2-1 has been added at the location between room 209 and the bedroom at unit 201

    a. Spiral stairs have been removed from the project at the 4th/5th floor 2-story units. 3’ wide stairs have been added in their place.
    b. Plan review response – The east and south walls of Unit 402 have been corrected to show the continuity of the 1-hour rating

11. Replace Sheet A1.50 in its entirety.
    a. Stair changes - see note above at A1.40

12. Replace Sheet A1.70 in its entirety.
    a. Floor material transitions at unit bathroom doors removed

    a. Floor material transitions at unit bathroom doors removed
    b. Detail 1 – Kitchen and kitchen wall location moved plan north to locate new structural column within wall.

    a. Stair changes - see note above at A1.40
    b. Kitchen types L and J have been modified to avoid conflict between refrigerator and fin tube radiation

15. Replace Sheet A1.73 in its entirety.
    a. Stair changes - see note above at A1.40
    b. Detail 1A – towel bar added to bath
    c. Detail 3 – additional information added to unit plan

16. Replace Sheet A1.82 in its entirety.
    a. Detail 1 – Note ‘Open to above’ removed from corridor area

17. Replace Sheet A2.01 in its entirety.
    a. 4th floor east elevation windows are now to be fixed type instead of casement type

18. Replace Sheet A2.10 in its entirety.
    a. Kitchen type M elevations have been added to sheet
    b. Kitchen types L and J have been modified to avoid conflict between refrigerator and fin tube radiation
    c. Kitchen type K has been removed from the project
    d. Unit 406 now has a type L kitchen
    e. Detail 21 – Dimension string added

19. Replace Sheet A4.01 in its entirety.
    a. Plan review response – An existing wall at the 5th floor in section 8/A4.01 was not shown correctly and has now been added to further indicate the sealed off shaft

20. Add sheet A4.07 in its entirety.
    a. Unit stair details are added to the project

21. Replace Sheet A4.30 in its entirety.
    a. Plan review response – Detail 7/A4.30 has been removed from the set. All other references to U wall types have been switched to V wall types.
22. Replace Sheet A5.00 in its entirety.
   a. **Plan review response** – 1st and 4th floor existing corridor wall types have been added to the sheet and show compliance with IEBC 1203.7. Wall type M6 has been added to the wall types.

23. Replace Sheet A5.01 in its entirety
   a. **Plan review response** - Existing floor/ceiling assemblies 7/A5.01 (basement ceiling) and 11/A5.01 (first floor ceiling) have been changed to 2-hour fire ratings due to this relationship with Stair A. MSBC Table 722.2.2.1 shows compliance that regardless of concrete type, these assemblies have well over a 2 hour fire-resistance rating. In regard to 5 and 9/A5.01 (4th floor ceiling), MSBC Table 722.2.2.1 shows compliance that as Siliceous concrete, the 4" of concrete in these assemblies achieves the 2 hour rating without consideration for the clay tile and steel formwork (which would only add to the fire resistive rating for the assemblies). Item code F/C-HT-13 in Table 3.4 of Resource A of the existing building code also provides support that these assemblies have a minimum of a 2 hour rating.

24. Replace Sheet A5.20 in its entirety
   a. **Plan review response** - Code reference for door SA1A updated

25. Replace Sheet A5.30 in its entirety
   a. Note added to window types W1 and W3 to use fixed windows at 4th floor east elevation
   b. Note regarding WOCD fall protection removed from notes
   c. Interior window frames have been removed from the project as the 5th floor corridor has been deleted from the project.

26. Replace Sheet A5.31 in its entirety
   a. Window details have been modified related to the treatment of the bars (demo vs. retaining)

27. Replace Sheet A6.02 in its entirety
   a. Details 1 and 5/A6.02 have been removed from the project

28. Replace Sheet A7.10 in its entirety.
   a. Modification to the stair signs to indicate appropriate ‘roof access’ and basement level for both stairs have been made.

**Attachments:**

- G0.00
- G0.01
- G0.02
- G0.03
- D1.10
- D1.20
- D1.40
- A1.10
- A1.20
- A1.40
- A1.50
- A1.70
- A1.71
- A1.72
- A1.73
- A1.82
- A2.01
- A2.10
- A4.01
- A4.07
- A4.30
- A5.00
- A5.01
- A5.20
- A5.30
- A5.31
- A6.02
- A7.10

**Issued By:** Andy Madson, Architect

LHB File No. 180039
Chapter 3: Procedures for all Compliance Methods

Section 301 Scope

301.1.1 This chapter shall apply to the installation, alteration, addition or extension of any electrical work, systems or components of any system, or the installation of any additional equipment.

4.2 In addition to the requirements of Section 301.1.1, the installation of any additional equipment shall comply with the requirements of Section 301.1.2.

Chapter 6: Classification of Work

Section 601 Scope

601.1 The requirements of this chapter shall apply to any existing building or structure that is being remodeled or altered in any manner.

601.1.1 Existing buildings or structures shall comply with the requirements of this chapter and the applicable provisions of the International Building Code (IBC) and the International Fuel gas Code (IFGC).

Chapter 7: Alterations—Level 1

Section 702.1.1 All existing buildings shall comply with the requirements of this chapter and the applicable provisions of the IBC.

Chapter 8: Alterations—Level 2

Section 803.2.1.1 All existing buildings shall comply with the requirements of this chapter and the applicable provisions of the IBC.

Chapter 9: Historic Buildings

Section 901.1 The provisions of this chapter shall apply to all new construction, alteration, addition or extension of any existing building or structure.

Chapter 10: Change of Occupancy

Section 1001 Scope

1001.1 The provisions of this chapter shall apply where a change of occupancy occurs, as defined in Section 202.

Section 1002 General

1002.1 Every historic building that does not conform to the construction requirements specified in this code for the occupancy or classification for which it is proposed to be used shall be treated as a new building.

Section 1003 Scope

1003.1 Every historic building that does not conform to the construction requirements specified in this code for the occupancy or classification for which it is proposed to be used shall be treated as a new building.

Section 1004.1 General

1004.1 All existing finishes of walls and ceiling shall be accepted when it is demonstrated that they are the historic finishes of the building and that they are in compliance with the applicable provisions of this chapter.

Section 1005 General

1005.1 The provisions of this chapter shall apply to all existing finishes of walls and ceiling.

Chapter 12: Historic Buildings

Section 1201 Scope

1201.1 This chapter shall apply to any existing building or structure that is being remodeled or altered in any manner.

Section 1202 Repairs

1202.1 Any repairs to a historic building shall comply with the requirements of this chapter.

Chapter 802 Building elements and materials

Section 802.1 Alterations—Level 3

802.1.3 Historic buildings shall comply with the construction requirements specified in this chapter for the occupancy or classification for which they are proposed to be used.

Section 802.4 shall also apply to the interior finish in exits and corridors serving the work area throughout the floor.

Chapter 10: Change of Occupancy

Section 1001 General

1001.1 The provisions of this chapter shall apply where a change of occupancy occurs, as defined in Section 202.

Section 1002 General

1002.1 Every historic building that does not conform to the construction requirements specified in this code for the occupancy or classification for which it is proposed to be used shall be treated as a new building.

Section 1003 Scope

1003.1 Every historic building that does not conform to the construction requirements specified in this code for the occupancy or classification for which it is proposed to be used shall be treated as a new building.

Section 1004.1 General

1004.1 All existing finishes of walls and ceiling shall be accepted when it is demonstrated that they are the historic finishes of the building and that they are in compliance with the applicable provisions of this chapter.

Section 1005 General

1005.1 The provisions of this chapter shall apply to all existing finishes of walls and ceiling.

Chapter 12: Historic Buildings

Section 1201 Scope

1201.1 This chapter shall apply to any existing building or structure that is being remodeled or altered in any manner.

Section 1202 Repairs

1202.1 Any repairs to a historic building shall comply with the requirements of this chapter.

Section 802 Building elements and materials

Section 802.1 Alterations—Level 3

802.1.3 Historic buildings shall comply with the construction requirements specified in this chapter for the occupancy or classification for which they are proposed to be used.

Section 802.4 shall also apply to the interior finish in exits and corridors serving the work area throughout the floor.
The basement corridor is not rated due to the small occupancy count.

\section*{SECTION 1006 \ NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

1006.1 Minimum number of required exits

In the absence of a life-safety system, multiple story residential occupancies shall have two required exits, each of which shall comply with Chapter 10.

1006.2 Maximum common path of egress travel distance

(a) General

The maximum common path of egress travel distance to an exterior exit shall not exceed the values given in Table 1006.2.1 for each story shown in Table 1006.2.1.1.

(b) Emergency exit stairways

The maximum common path of egress travel distance to an emergency exit stairway shall not exceed the values given in Table 1006.2.1.

\section*{SECTION 1009 \ TWO-WAY COMMUNICATION SYSTEMS

The project will reuse the existing hoistway and a custom elevator will be sized to fit.
DEMOLITION KEYNOTES:

- REMOVE ALL EXISTING SHELVING
- REMOVE ALL DUMB WAITER
- REMOVE ALL KITCHEN EQUIPMENT
- REMOVE REFRIGERATION ROOM INCLUDING FLOOR
- REMOVE ELECTRICAL/LOW VOLTAGE EQUIPMENT
- REMOVE ALL EXISTING ELEVATOR DOORS AND SALVAGE
- PRESERVE BARS AT THIS WINDOW LOCATION
- REMOVE OH GARAGE DOOR AND TRACK
- PRESERVE HISTORIC COUNTER AND CASEWORK IN PLACE
- REMOVE Gypsum board and metal stud walls
- REMOVE MECHANICAL EQUIPMENT
- REMOVE STAIR
- ENLARGE WINDOW OPENING TO ACCOMMODATE NEW DOOR OPENING
- REMOVE CMU TO WIDEN OPENING TO ORIGINAL WIDTH
- REMOVE RAISED FLOOR AREA
- SALVAGE AND PROTECT EXISTING HISTORIC RIOT DOORS
- REMOVE FIRE EXTINGUISHER BOX
- REMOVE PAINT FROM BOTH SIDES OF WIRE GLASS TO RESTORE TRANSPARENCY, SEE CREATE NEW OPENING
- REMOVE MECHANICAL DISTRIBUTION SYSTEM
- EXISTING CONCRETE CURB, TO REMAIN
- ACCESSORIES, DOORS ARE TO BE SALVAGED
- TRANSPLANT BOTTOM TIER OF BARS FROM A SIM. DEMOLISHED FIRST FLOOR OPENING TO THIS
- NOT USED
- EXISTING RAMP
- EXISTING SINK, TO REMAIN
- EXIST. AREA WELL, COVER ANY PENETRATIONS THROUGH BASEMENT WALL, REMOVE EXIST. WALLS
- EXIST. AREA WELL TO REMAIN, CLEAN OUT DEBRIS
- REMOVE EXISTING PIPE RAILING
- REMOVE CELL DOOR OPERATING DEVICE, SALVAGE AND PROTECT
- REMOVE GATE
- DOORS TO BE REUSED:
  - X'-XX" = INDICATES SPOT ELEVATION
  - TO 4" BELOW FINISH GRADE, BACKFILL
  - ACCESSORIES, DOORS ARE TO BE SALVAGED
  - COLUMNS THAT ARE TO REMAIN
  - WALL OR BARS TO BE REMOVED, PROTECT WALLS AND OPENINGS U.N.O.
  - EXISTING WALL OR BARS TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMAIN
  - EXISTING CONCRETE CURB TO REMA...
OUTLINE OF EXISTING ADDITION

A4.00

SA1B

STAIR A

SA1C

SA1

FIRST FLOOR PLAN

8' - 2 1/4" 10' - 2 5/8" 18' - 11 1/4" 10' - 8 3/8" 9' - 5 1/2" 12' - 0" 12' - 0" 12' - 0" 12' - 0" 12' - 0" 12' - 0" 12' - 0" 12' - 0"

3/16" = 1'-0"
UNIT STAIR DETAILS

1. See G0.01, G0.02, and G0.03 for code information.
2. See G0.10 for project notes including:
   - General Building Plan Notes
   - Historical Approval Information
   - General Unit Plan Notes
   - General Kitchen Notes
   - General Bathroom Notes
   - General Elevator Notes
   - General Detail Notes
   - General Public Stair Notes
   - General Cutting and Patching Notes
3. See G0.03 for typical mounting heights.

New Burnham, LLC
575 9th Street Southeast, Unit 215
Minneapolis, MN 55414
COPYRIGHT 2018 BY LHB, INC. ALL RIGHTS RESERVED.

General Sheet Notes
1. See G0.01, G0.02, and G0.03 for code information.
2. See G0.10 for project notes including:
   - General Building Plan Notes
   - Historical Approval Information
   - General Unit Plan Notes
   - General Kitchen Notes
   - General Bathroom Notes
   - General Elevator Notes
   - General Detail Notes
   - General Public Stair Notes
   - General Cutting and Patching Notes
3. See A6.03 for typical mounting heights.

See historic approval section on sheet G0.10

ANDREW MADSON
1/10/20 100% Construction Documents
A4.07

1/4" = 1'-0"
1" = 1'-0"
3" = 1'-0"
1 1/2" = 1'-0"

### Corridor 1st Flr. Corridor Wall - Existing

- **Stud Cavity:** Lath and Plaster Surface (IBC 1203.7)
- **Wall Type:** C Series
- **BIM:** 11/9/2021 4:45:37 PM
- **Revision:** A20.rvt

#### Details:
- **Stud Size:** 2 1/2" x 4 1/2" 51 KG-18
- **Fire Resistance:** 1 HR PER TABLE 721.1(2), ITEM 1-1
- **Door Jamb:** 3/8" Gyp. Board, Screwed 12"OC
- **Door Frame:** 3" Insulation
- **Cavity Insulation:** 3.5" Insulation one side only
- **Interior Cavity Insulation:** 1/4" Steel plate of cell walls
- **Gypsum Board:** 5/8" Gyp. Board
- **Sound Test:** STC Rating
- **Fire TestComments:** W/ Insul

#### Notes:
- **Appurtenances:** Steel Stud - 2 Layers of Gypsum Board Each Side
- **Temperature Rating:** 7. PROVIDE WATER RESISTANT GYPSUM BOARD IN AREAS THAT SURROUND JANITORIAL SINKS AND 5. WHERE PARTITIONS AND/OR WALLS ALIGN WITH FURRING, POSITION FURRING TO MAINTAIN A 1" SHAFT LINER
- **Wall and Partition Standards:** SHOWN ARE CONSIDERED MINIMUM STANDARDS. WHERE
- **Walls and Partitions:** WALLS ARE TO BE DESIGNED TO MEET THE REQUIREMENTS OF THE CODE. THE MANUFACTURER'S RECOMMENDED LIMITS. REINFORCE THE FOLLOWING NOTES APPLY TO ALL WALL TYPES.
- **For Panels:** PROVIDE PANELS TO MEET THE REQUIREMENTS OF THE CODE.
- **Walls:** WALLS ARE TO BE DESIGNED TO MEET THE REQUIREMENTS OF THE CODE.
- **Reinforcement:** THE FOLLOWING NOTES APPLY TO ALL WALL TYPES.

#### Performance Criteria:
- **Fire Resistance:** MAXIMUM FIRE RESISTANCE: 1 HR
- **Sound Transmission Class (STC):** WALL TYPE A SERIES
- **Wall Type B Series:**.
- **Wall Type C Series:**.
- **Wall Type D Series:**.
- **Wall Type E Series:**.
- **Wall Type F Series:**.
- **Wall Type G Series:**.
- **Wall Type H Series:**.
- **Wall Type I Series:**.
- **Wall Type J Series:**.
- **Wall Type K Series:**.
- **Wall Type L Series:**.
- **Wall Type M Series:**.
- **Wall Type N Series:**.
- **Wall Type O Series:**.
- **Wall Type P Series:**.
- **Wall Type Q Series:**.
- **Wall Type R Series:**.
- **Wall Type S Series:**.
- **Wall Type T Series:**.
- **Wall Type U Series:**.
- **Wall Type V Series:**.
- **Wall Type W Series:**.
- **Wall Type X Series:**.
- **Wall Type Y Series:**.
- **Wall Type Z Series:**.

### M+P Construction Document

575 9th Street Southeast, Unit 215
Minneapolis, MN 55414

The Burnham - Historic St. Louis County Jail

321 W. 2ND STREET
Duluth, MN 55802

### New Burnham, LLC

701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029

New Burnham, LLC
1. ALL JOINTS SHALL BE FINISHED RATED WALL FRAMING

NOTES:

2HR RATED LINER PANEL CEILING RATING

REFERENCE ASSEMBLIES

3 1/2" RATED CLG AT 24" O.C. ASSEMBLY - SEE SPANNING HORIZONTALLY TYPE 'C' METAL C-H STUD WALL LINER PANEL 2-HR RATED 1" GYPSUM

STC:

N/A

N/A

IIC:

1

14

13

4 1/4"

1' - 0"

CONCRETE OVER STEEL PLATE - NEW 1 1/2" = 1'-0"

1ST FLOOR (HISTORIC LOBBY) 2ND FLOOR 3RD FLOOR 4TH FLOOR 5TH FLOOR

RATING REFERENCE ASSEMBLIES STC: IIC:

MNSBC TABLE 722.2.2.1, CONCRETE

REFERENCE ASSEMBLIES STC: IIC:

MNSBC TABLE 722.2.2.1, SILICEOUS CONCRETE

REFERENCE ASSEMBLIES STC: IIC:

EXISTING PLASTER CEILING BEAMS EXISTING CONCRETE STRUCTURAL OVERLAP AT ALL EDGES - LOCATED EVERY 3' OC TYPICAL HEIGHTS PLATE FORMWORK FROM ABOVE WITH EXISTING 1/4" STEEL PLATE EXISTING ADJACENT CONCRETE FLOOR PATCH ALL EXISTING HOLES IN STEEL FINISH SCHEDULE EXISTING 3" METAL DECKING EXISTING 4" CONCRETE CONCRETE OVER CONCRETE BEAMS 12" CONCRETE OVER STEEL PLATE/BEAMS 1 1/2" = 1'-0"

3RD FLOOR

4TH FLOOR

2-HR

1-HR

REFERENCE ASSEMBLIES STC: IIC:

REFERENCE ASSEMBLIES STC: IIC:

REFERENCE ASSEMBLIES STC: IIC:

CONCRETE OVER STEEL PLATE - EXIST. 1 1/2" = 1'-0"

2-HR

1-HR

REFERENCE ASSEMBLIES STC: IIC:

REFERENCE ASSEMBLIES STC: IIC:

REFERENCE ASSEMBLIES STC: IIC:

NEW BURKHAM, LLC

575 9TH STREET S. ST. PAUL, MN 55101

1/10/2021

ANDREW MADSON

A5.01

THE BURNHAM - HISTORIC ST. LOUIS COUNTY JAIL

521 W. 2ND STREET DULUTH, MN 55802

FLOOR/CEILING ASSEMBLIES

NEW BURKHAM, LLC

575 9TH STREET S. ST. PAUL, MN 55101

1/10/2021

ANDREW MADSON

A5.01

THE BURNHAM - HISTORIC ST. LOUIS COUNTY JAIL

521 W. 2ND STREET DULUTH, MN 55802

FLOOR/CEILING ASSEMBLIES
**ADDITIONAL INFORMATION FOR HISTORIC DOORS - SLC Jail 1**

**Transom**: YES

**Door**: 36" x 84" 1 ¾", to be demo'd, use door from opening E106

**Frame**: to remain

**Transom**: YES, remove and install at opening E105

**Door**: 36" x 84" 1 ¾", Missing, do not install new door

**Transom**: Missing, provide new transom to match others

**Door**: 36" x 84" 1 ¾"  
**Frame**: to remain  
**Transom**: YES

**Door**: 36" x 84" 1 ¾", missing, provide new door to match door E105

**Transom**: YES

**Unit Entry**

**Toilet Room**

**Door Types**

- BARN
- D-09

**Schedule**

SEE SCHEDULE

**Doors**

- FLUSH RATED LITE
- UNRATED LITE
- HALF LITE
- FULL LITE
- FULL LITE - DIVIDED

**St. Floor Doors**

<table>
<thead>
<tr>
<th>Door Type</th>
<th>LEAF QTY</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>MATL</th>
<th>TYPE</th>
<th>HEAD</th>
<th>JAMS</th>
<th>GLAZING</th>
<th>FIRE RATING</th>
<th>MINUTES</th>
<th>COMMENT</th>
<th>LAST REVISED</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-09</td>
<td>1</td>
<td>3'-0&quot;</td>
<td>6'-8&quot;</td>
<td>WHM</td>
<td>F10</td>
<td>11/A5.21</td>
<td>90</td>
<td>07</td>
<td>FIRE-RATED GLAZING MARKING = D-H-T-W-90 PER</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fifth Floor**

<table>
<thead>
<tr>
<th>Door Type</th>
<th>LEAF QTY</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>MATL</th>
<th>TYPE</th>
<th>HEAD</th>
<th>JAMS</th>
<th>GLAZING</th>
<th>FIRE RATING</th>
<th>MINUTES</th>
<th>COMMENT</th>
<th>LAST REVISED</th>
</tr>
</thead>
<tbody>
<tr>
<td>U52</td>
<td>2</td>
<td>4'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U51</td>
<td>2</td>
<td>3'-6&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U45</td>
<td>1</td>
<td>2'-10&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U44</td>
<td>1</td>
<td>2'-8&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U43</td>
<td>1</td>
<td>2'-6&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U41</td>
<td>1</td>
<td>2'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U31</td>
<td>1</td>
<td>3'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U30</td>
<td>1</td>
<td>2'-10&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U22</td>
<td>1</td>
<td>2'-6&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U21</td>
<td>1</td>
<td>3'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fourth Floor**

<table>
<thead>
<tr>
<th>Door Type</th>
<th>LEAF QTY</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>MATL</th>
<th>TYPE</th>
<th>HEAD</th>
<th>JAMS</th>
<th>GLAZING</th>
<th>FIRE RATING</th>
<th>MINUTES</th>
<th>COMMENT</th>
<th>LAST REVISED</th>
</tr>
</thead>
<tbody>
<tr>
<td>309</td>
<td>1</td>
<td>3'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HM</td>
<td>D10</td>
<td>DW</td>
<td>7/A5.21</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>409</td>
<td>1</td>
<td>3'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HM</td>
<td>D10</td>
<td>DW</td>
<td>7/A5.21</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4E</td>
<td>1</td>
<td>3'-6&quot;</td>
<td>7'-10&quot;</td>
<td>HM</td>
<td>D10</td>
<td>KD</td>
<td>13/A5.21</td>
<td>45</td>
<td>MHO</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Second Floor**

<table>
<thead>
<tr>
<th>Door Type</th>
<th>LEAF QTY</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>MATL</th>
<th>TYPE</th>
<th>HEAD</th>
<th>JAMS</th>
<th>GLAZING</th>
<th>FIRE RATING</th>
<th>MINUTES</th>
<th>COMMENT</th>
<th>LAST REVISED</th>
</tr>
</thead>
<tbody>
<tr>
<td>U52</td>
<td>2</td>
<td>4'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U51</td>
<td>2</td>
<td>3'-6&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U45</td>
<td>1</td>
<td>2'-10&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U44</td>
<td>1</td>
<td>2'-8&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U43</td>
<td>1</td>
<td>2'-6&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U41</td>
<td>1</td>
<td>2'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U31</td>
<td>1</td>
<td>3'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U30</td>
<td>1</td>
<td>2'-10&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U22</td>
<td>1</td>
<td>2'-6&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U21</td>
<td>1</td>
<td>3'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HC</td>
<td>D10</td>
<td>DW</td>
<td>5/A5.21</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**First Floor**

<table>
<thead>
<tr>
<th>Door Type</th>
<th>LEAF QTY</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>MATL</th>
<th>TYPE</th>
<th>HEAD</th>
<th>JAMS</th>
<th>GLAZING</th>
<th>FIRE RATING</th>
<th>MINUTES</th>
<th>COMMENT</th>
<th>LAST REVISED</th>
</tr>
</thead>
<tbody>
<tr>
<td>4E</td>
<td>1</td>
<td>3'-6&quot;</td>
<td>7'-10&quot;</td>
<td>HM</td>
<td>D10</td>
<td>KD</td>
<td>13/A5.21</td>
<td>45</td>
<td>06</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Garage**

<table>
<thead>
<tr>
<th>Door Type</th>
<th>LEAF QTY</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>MATL</th>
<th>TYPE</th>
<th>HEAD</th>
<th>JAMS</th>
<th>GLAZING</th>
<th>FIRE RATING</th>
<th>MINUTES</th>
<th>COMMENT</th>
<th>LAST REVISED</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA0</td>
<td>1</td>
<td>3'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HM</td>
<td>D11</td>
<td>WHM</td>
<td>11/A5.21</td>
<td>90</td>
<td>28</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Upper Basement**

<table>
<thead>
<tr>
<th>Door Type</th>
<th>LEAF QTY</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>MATL</th>
<th>TYPE</th>
<th>HEAD</th>
<th>JAMS</th>
<th>GLAZING</th>
<th>FIRE RATING</th>
<th>MINUTES</th>
<th>COMMENT</th>
<th>LAST REVISED</th>
</tr>
</thead>
<tbody>
<tr>
<td>006</td>
<td>1</td>
<td>3'-0&quot;</td>
<td>6'-8&quot;</td>
<td>HM</td>
<td>D11</td>
<td>KD</td>
<td>13/A5.21</td>
<td>0</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Lower Basement**

<table>
<thead>
<tr>
<th>Door Type</th>
<th>LEAF QTY</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>MATL</th>
<th>TYPE</th>
<th>HEAD</th>
<th>JAMS</th>
<th>GLAZING</th>
<th>FIRE RATING</th>
<th>MINUTES</th>
<th>COMMENT</th>
<th>LAST REVISED</th>
</tr>
</thead>
</table>
**GENERAL SHEET NOTES**

1. See G0.01, G0.02, and G0.03 for code information.
2. See G0.10 for project notes including:
   - General building plan notes
   - Historic approval information
   - General unit plan notes
   - General kitchen notes
   - General bathroom notes
   - General elevator notes
   - Interior details notes
   - General public stair notes
   - General cutting and patching notes
3. See A6.03 for typical mounting heights.

**New Burnham, LLC**

575 9th Street Southeast, Unit 215
Minneapolis, MN  55414

COPYRIGHT 2018 BY LHB, INC. ALL RIGHTS RESERVED.

521 W. 2ND STREET
Duluth, MN  55802

INTERIOR DETAILS

1. See G0.01, G0.02, and G0.03 for code information.
2. See G0.10 for project notes including:
   - General building plan notes
   - Historic approval information
   - General unit plan notes
   - General kitchen notes
   - General bathroom notes
   - General elevator notes
   - Interior details notes
   - General public stair notes
   - General cutting and patching notes
3. See A6.03 for typical mounting heights.