



ADDENDUM TO THE CONTRACT

for the

Bartlett Regional Hospital (BRH) Medical Surgical East Wing Renovation Contract No. E10-221

ADDENDUM NO.: THREE

CURRENT DEADLINE FOR BIDS:
August 10, 2010

PREVIOUS ADDENDA: TWO

ISSUED BY: City and Borough of Juneau
ENGINEERING DEPARTMENT
155 South Seward Street
Juneau, Alaska 99801

DATE ADDENDUM ISSUED: August 4, 2010

The following items of the contract are modified as herein indicated. All other items remain the same. This is a faxed addendum. A confirming copy will not be mailed to you. If this fax is incomplete, please call (907) 586-0490, and we will re-send it. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at:
<http://www.juneau.org/engineering ftp/contracts/Contracts.php>

ADDITIONAL INFORMATION

Bidder Question: In the event of delays caused by Emergency surgery work shutdowns, will it be possible to get job extension days to compensate for the lost time?

Response: It shall be recorded in daily reports and brought up for coordination in weekly construction progress meetings when shut downs of WORK occur due to the surgery schedule. Contract extension will be possible on case by case basis; however, coordination with BRH operations shall not be used as an excuse to delay the project schedule.

PROJECT MANUAL

VOLUME I

- Item No. 1 SECTION 012300 – ALTERNATES, 3.1 SCHEDULE OF ALTERNATES, A. ADDITIVE Alternate No. 1: Level 2 –Existing Corridors. **Change** Subparagraph 1 to **omit** Corridor 2401 from the description of Base Bid Work.
- Item No. 2 SECTION 012300 – ALTERNATES, 3.1 SCHEDULE OF ALTERNATES, A. ADDITIVE Alternate No. 1: Level 2 –Existing Corridors. **Delete** Subparagraph 2 and **replace with** the following:
- “2. Alternate: Abatement from grid lines 1 through 8 and B through approximately C; and demolition and renovation of the Building Corridor 2217 (E, F & G), Corridor 2225 and Alcove 263 as indicated on the Architectural, Abatement, Mechanical, Plumbing, and Electrical sheets.”
- Item No. 3 SECTION 013201 – SCHEDULE OF VALUES, **delete** and **replace with** SECTION 013201 – SCHEDULE OF VALUES labeled Addendum No. 3 and included with this addendum.

- Item No. 4 SECTION 013211 – CPM CONSTRUCTION SCHEDULE, **delete** and **replace with** SECTION 013211 – CPM CONSTRUCTION SCHEDULE labeled Addendum No. 3 and included with this addendum.
- Item No. 5 SECTION 013300 – SUBMITTAL PROCEDURES, **delete** and **replace with** SECTION 013300 – SUBMITTAL PROCEDURES labeled Addendum No. 3 and included with this addendum.
- Item No. 6 SECTION 015000 – TEMPORARY FACILITIES AND CONTROLS, 2.2 TEMPORARY FACILITIES, C. Owner. **Delete** subparagraphs C.4 and C.5 in their entirety.
- Item No. 7 SECTION 015000 – TEMPORARY FACILITIES AND CONTROLS, 3.4 SECURITY AND PROTECTION FACILITIES INSTALLATION, H. Temporary Partitions. **Add** the following to Subparagraph 1:
- a. Occupied hospital side to have Level 2 painted finish with surface free of excess joint compound. DO NOT SAND JOINT COMPOUND.
 - b. Unoccupied construction WORK side to have Level 0 finish.
- Item No. 8 SECTION 015010 – TEMPORARY UTILITIES, 3.1 INSTALLATION OF TEMPORARY UTILITY SERVICES. **Delete** paragraph A and **replace with** the following:
- A. CONTRACTOR to make connections for Temporary Utilities for Field Offices and Sheds, to OWNER provided utility pedestal in Staging Area, which has the following utilities available.
 - 1. Power – AEL&P
 - 2. Water
 - 3. Waste
 - 4. Phone - ACS
 - 5. Internet- GCI
- Item No. 9 SECTION 017823 – OPERATION AND MAINTENANCE DATA, Article 1.4 CLOSEOUT SUBMITTALS, **delete** subparagraph B.2 in its entirety.
- Item No. 10 SECTION 076200 – SHEET METAL FLASHING AND TRIM. **Add** in its entirety Article 1.8 WARRANTY to read as follows:
- 1.8 WARRANTY
- A. Special Warranty on Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace sheet metal flashing and trim that shows evidence of deterioration of factory-applied finishes within 10 years from date of Substantial Completion.

Item No. 11 SECTION 076200 – SHEET METAL FLASHING AND TRIM. **Delete** Article 2.1 SHEET METALS and **replace with** the following:

2.1 SHEET METALS

A. Aluminum Sheet: ASTM B 209, alloy as standard with manufacturer for finish required, with temper as required to suit forming operations and performance required.

1. Surface: Smooth, flat.
2. Exposed Coil-Coated Finishes:

a. Two-Coat Fluoropolymer: AAMA 620. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in color coat.

a) Color: as selected by Architect from manufacturer's full range.

Item No. 12 SECTION 085113 – ALUMINUM WINDOWS, 1.2 PERFORMANCE REQUIREMENTS, **Delete** in its entirety Paragraph C - Windborne Debris Resistance

VOLUME II

Item No. 13 SECTION 099123 – INTERIOR PAINTING, 2.2 PAINT, GENERAL. **Delete** Paragraph C and **replace with** the following:

C. Colors: Up to (10) ten colors as selected by ARCHITECT from manufacturer's full range.

1. Four (4) accent colors.
 - a. Patient Rooms and Bariatric Patient Rooms, one wall.
 - b. Corridors and Solarium, below handrail.
 - c. Conference Room.

Item No. 14 SECTION 224000 – PLUMBING FIXTURES, 2.4 SHOWERS (P-32, P-33). **Delete** in its entirety Paragraph B - Cabinet.

DRAWINGS – VOLUME III

Item No. 1 Sheet A002 INTERIOR PARTITION & NOTES, ABBREVIATIONS, SYMBOLS

♦ PARTITION NOTES, **Change** note 2 as follows:

2. ALL STUDS FOR INTERIOR PARTITIONS TO 12' HIGH TO BE NON LOAD BEARING 20 GAGE MIN, 16 INCHES OC UON. STUD ABOVE 12' HIGH TO BE 18 GAGE MIN.

♦ PARTITION NOTES, **Add** in its entirety note no. 12 as follows:

12. STUDS FOR TEMPORARY PARTITIONS TO BE 20 GA LOAD BEARING (COLD FORMED METAL FRAMING).

- Item No. 2 Sheet A004 FINISH SCHEDULE
- ◆ **Change** name of Room 3380 **from** CAMP/CONFERENCE **to** CONFERENCE.
 - ◆ **Change** FINISH SCHEDULE, WAINSCOT, HT for room 3380 CONFERENCE ROOM **from** 36" **to** 34".
- Item No. 3 Sheet A1203 DEMOLITION OVERALL FLOOR PLAN LEVEL 2, Note 20 **Change** "5" to read "W5" in the hexagonal symbol.
- Item No. 4 Sheet A201 OVERALL FLOOR PLAN LEVEL 2
- ◆ **Add** section cut 1/A305 parallel to and between grids 1&2 looking east.
 - ◆ **Change** elevation symbol between grid 6&7 to read "3/A301".
- Item No. 5 Sheet A202 OVERALL FLOOR PLAN LEVEL 3
- ◆ **Change** section cut parallel to and between grids 1&2 to read "1/A305".
 - ◆ **Change** elevation symbol 2/A301 between grids M & M' to read 1/A301.
- Item No. 6 Sheet A204 PARTIAL FLOOR PLAN LEVEL 3, **Add** Keynote 3 at Patient Toilet/Shower Rooms 3323B & 3335B in location of Interior Partition call out A2 near exterior wall.
- Item No. 7 Sheet A205 PARTIAL FLOOR PLAN LEVEL 3
- ◆ BARIATRIC PATIENT RM 3337 **Change** interior elevation symbols as follows: view 1 to the left, view 2 up view 3 to the right and view 4 down on the page.
 - ◆ PATIENT TOILET/SHOWER 3336B, after Keynote 3 **Add** "typical for bariatric toilet shower rooms."
 - ◆ CORRIDOR 3300K, **Change** interior elevation symbol at grid E to read "1/A507".
 - ◆ CORRIDOR 3300K, **Add** interior elevation symbol at grid H to read 2/A507 with 2 pointing west.
 - ◆ CORRIDOR 3300K, **Change** interior elevation symbol 1/505 between grid H&J to read "2/A508".
- Item No. 8 Sheet A306 BUILDING SECTION, **Change** detail call out 2/A902 adjacent to grid "C" near Level 3 floor slab to 6/A902 as added with Addendum No. 2.
- Item No. 9 Sheet A401 ENLARGED FLOOR PLAN-TYPICAL PATIENT ROOM
- ◆ PATIENT RM 4 3334, **Change** interior elevation symbol sheet number to "A501" and **add** "sim opp".
 - ◆ PATIENT TOILET SHWR 3334B, **Add** interior elevation symbols 1-4/ A503 with 1 at the top and other views continuing clockwise.
 - ◆ PATIENT TOILET SHWR 3335B, **Add** interior elevation symbols 1-4/ A503 with 1 at the bottom and other views continuing clockwise.

- Item No. 10 Sheet A404 CORRIDOR FLOOR FINISH PLAN LEVEL 2 & 3, originally added by Addendum No. 2, **delete** and **replace with** Sheet A404 "CORRIDOR FLOOR FINISH PLAN LEVEL 2 & 3", labeled Addendum 3. This sheet has been revised to indicate additional corner guard locations in the CONFERENCE ROOM 3380 and all PATIENT ROOMS.
- Item No. 11 Sheet A501- A508 INTERIOR ELEVATIONS
- ◆ **Add** the following general notes:
 - "1. For dimensions and callouts not included in specific details refer to sheet A500. Unless otherwise noted toilets and grab bars must meet dimensions shown on Accessible water closet/toilet side and rear wall details and shower wall details.
 2. See 2/A901 for backing at wall mounted items.
 3. See 3/A901 for typical casework details"
- Item No. 12 Sheet A501 INTERIOR ELEVATIONS
- ◆ Detail 1: On right side of detail two notes were cut off. **Change** both to say "solid surface counter top with integral back splash".
 - ◆ Detail 3: **Add** note "no door at sim".
- Item No. 13 Sheet A502 INTERIOR ELEVATIONS
- ◆ Detail 1: On right side of detail two notes were cut off. **Change** both to say "solid surface counter top with integral back splash".
 - ◆ Detail 2-4: On detail titles **Add** "Bariatric" after "Typical".
- Item No. 14 Sheet A503 INTERIOR ELEVATIONS, Detail 4 & 5: **Change** "SND" to read "SNR".
- Item No. 15 Sheet A504 INTERIOR ELEVATIONS
- ◆ Detail 2 & 8: **Add** "SNR" to device shown on wall behind toilet.
 - ◆ Detail 1-8: **Add** note "FRP wainscot typical all walls".
- Item No. 16 Sheet A505 INTERIOR ELEVATIONS
- ◆ Detail 1: **Add** two shelves in both wall cabinets.
 - ◆ Detail 3: **Add** note "base cabinet 30" deep".
 - ◆ Details 7-9: **Add** note "provide 2 rows of backing (2/A901) for full length of wall at 48" above the floor and 68" above the floor or locate as requested by Owner for Owner installed wall hung devices".
- Item No. 17 Sheet A506 INTERIOR ELEVATIONS
- ◆ Details 1-4: **Delete** "Camp" from room titles.
 - ◆ Detail 2: **Add** line to left of fireplace at 34" AFF, so as to indicate that there will be wainscot on both sides of the fireplace on 2/A506 CONFERENCE.
- Item No. 18 Sheet A507 INTERIOR ELEVATIONS, Details 1-4: **Delete** room numbers from room titles.
- Item No. 19 Sheet A508 INTERIOR ELEVATIONS. Details 1-4: **Delete** room numbers from room titles.
- Item No. 20 Sheet A901 INTERIOR DETAILS, Detail 3: **Change** "2/A901" to read "2/A905".

- Item No. 21 Sheet A908 INTERIOR DETAILS, **Replace** in its entirety Detail 4/A908 FLUSH CORNER GUARD with the attached Detail 4/A908 SURFACE MOUNTED CORNER GUARD. This detail is for both full height and partial height guards, which notes that **all** PATIENT ROOM corner guards are 48" partial height UON.
- Item No. 22 Sheet ASB1201 LEVEL 2 ABATEMENT WALLS, FLOORS & CEILING, **Delete** and **replace with** Sheet ASB1201 "LEVEL 2 ABATEMENT WALLS, FLOORS & CEILING," labeled Addendum No. 3. This sheet indicates revisions to the delineation of Base Bid and Additive Alternate 2 WORK described at the bottom of Detail 1 – Level 2 Abatement, Walls, Floors & Ceiling.

By: 

Jennifer Mannix,
Contract Administrator

Total number of pages contained within this Addendum: 29

SECTION 013201 - SCHEDULE OF VALUES

PART 1 - GENERAL

1.1 THE REQUIREMENT

- A. This Section defines the process whereby the Schedule of Values (Lump Sum Pay Unit price breakdown) shall be developed and ultimately incorporated into the cost loading function of the CPM Schedule as specified in Section 013211 - CPM Construction Schedules. Monthly progress payment amounts shall be determined from the monthly progress updates of the CPM Schedule activities.

1.2 RELATED WORK SPECIFIED ELSEWHERE

- A. Section 011000 - Summary.
- B. Section 013211 - CMP Construction Schedule.

1.3 PRELIMINARY SCHEDULE OF VALUES

- A. The Schedule of Values shall be developed in two (2) steps independent but parallel with the development of the CPM Schedule activities and logic. The steps shall be as follows:
 - 1. The CONTRACTOR shall submit a preliminary Schedule of Values for the major components of the WORK in PDF format prior to the Preconstruction Conference as specified and referenced in Section 01010 -Summary of WORK. The listing shall include, at a minimum, the proposed value for the major WORK components listed by specification section.
 - 2. The CONTRACTOR and ARCHITECT shall meet and jointly review the preliminary Schedule of Values and make any adjustments in value allocations necessary, if in the opinion of the ARCHITECT, allocation adjustments are necessary to establish fair and reasonable allocation of values for the major WORK components. Front end loading will not be permitted. The ARCHITECT may require inclusion of other major WORK components not included in the above listing if, in the opinion of the ARCHITECT, such additional components are appropriate. This review and any necessary revisions shall be completed within 15 Days from the date of Notice to Proceed.

1.4 DETAILED SCHEDULE OF VALUES

- A. The CONTRACTOR shall prepare and submit in PDF format a detailed Schedule of Values to the ARCHITECT within 30 Days from the date of the Notice to Proceed. The detailed Schedule of Values shall be based on the accepted preliminary Schedule of Values for major WORK components. Because the ultimate requirement is to develop a detailed Schedule of Values sufficient to determine appropriate monthly progress payment amounts through cost loading of the CPM Schedule activities, sufficient detailed breakdown shall be provided to meet this requirement. The ARCHITECT shall be the sole judge of acceptable numbers, details and description of values

SECTION 013201 - SCHEDULE OF VALUES

established. If, in the opinion of the ARCHITECT, a greater number of Schedule of Values items than proposed by the CONTRACTOR is necessary, the CONTRACTOR shall add the additional items so identified by the ARCHITECT.

1. Major WORK components shall be, at a minimum, be broken down by specification section, and as indicated below. Greater detail shall be provided as directed by the ARCHITECT. The CONTRACTOR and ARCHITECT shall meet and jointly review the detailed Schedule of Values within 35 Days from the Notice to Proceed. The value allocations and extent of detail shall be reviewed to determine any necessary adjustments to the values and to determine if sufficient detail has been proposed to provide cost loading of the CPM Schedule activities. Any adjustments deemed necessary to the value allocation or level of detail shall be made by the CONTRACTOR and a revised detailed Schedule of Values shall be submitted within 40 Days from the date of Notice to Proceed.
2. Following acceptance of the detailed Schedule of Values, the CONTRACTOR shall incorporate the values into the cost loading portion of the CPM Schedule. The CPM activities and logic shall have been developed concurrent to the development of the detailed Schedule of Values; however, it shall be necessary to adjust the detailed Schedule of Values to correlate to individual schedule activities. It is anticipated that instances will occur, due to the independent but parallel development of the Schedule of Values and the CPM Schedule activities, where interfacing these two documents will require changes to each document, Schedule activities may need to be added to accommodate the detail of the Schedule of Values. Schedule of Values items may need to be added to accommodate the detail of the CPM Schedule activities. Where such instances arise, the CONTRACTOR shall propose changes to the Schedule of Values and to the CPM Schedule activities to satisfy the CPM Schedule cost loading requirements.

1.5 CROSS REFERENCE LISTING

- A. To assist in the correlation of the Schedule of Values and the CPM Schedule, the CONTRACTOR shall provide a Cross Reference Listing which shall be furnished in two parts. The first part shall list each scheduled activity with the breakdown of the respective valued items making up the total cost of the activity. The second part shall list the valued items with the respective scheduled activity or activities that make up the total cost for a valued item (shown in the Schedule of Values). The total cost for each scheduled item should be indicated.
- B. These listings shall be updated and submitted in conjunction with the CPM monthly submittals as stated in Section 013211 - CMP Construction Schedule.
- C. Approved change orders reflected in the CPM Schedule shall be incorporated into the Schedule of Values as a single unit identified by the Change Order number.

SECTION 013201 - SCHEDULE OF VALUES

1.6 CHANGES TO SCHEDULE OF VALUES

- A. Changes to the CPM Schedule which add activities not included in the original schedule but included in the original WORK (schedule omissions) shall have values assigned as approved by the ARCHITECT. Other activity values shall be reduced to provide equal value adjustment increases for added activities as approved by the ARCHITECT.
- B. In the event that the CONTRACTOR and ARCHITECT agree to make adjustments to the original Schedule of Values because of inequities discovered in the original accepted detailed Schedule of Values, increases and equal decreases to values for activities may be made.

1.7 LIQUIDATED DAMAGES

- A. If any submittal that is required by this Section is determined by the ARCHITECT to be incomplete or is submitted later than set out herein, the OWNER will suffer financial loss and the CONTRACTOR will be assessed liquidated damages as required by Article 4 of the Section 00500 - Agreement.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 013201

SECTION 013211 - CPM CONSTRUCTION SCHEDULE

PART 1 - GENERAL

1.1 GENERAL

- A. The scheduling of the WORK under the contract shall be performed by the CONTRACTOR in accordance with the requirements of this Section. The development of the schedule, the cost loading of the schedule, monthly payment request requisitions and Project status reporting requirements of the contract shall employ computerized Critical Path Method (CPM) scheduling. The CPM Schedule shall be cost loaded based on the schedule of values as approved by the ARCHITECT in accordance with the requirements of Section 013201 - Schedule of Values. The CPM Schedule and all reports should be prepared with Primavera, MS Project 2003, or other software approved by the ARCHITECT with substantially similar functions.

1.2 QUALIFICATIONS

- A. Within 14 calendar days after the date of the Notice of Intent to Award letter, the CONTRACTOR shall provide a statement which verifies that the CONTRACTOR has in-house capability qualified to use CPM technique and the approved software, or that the CONTRACTOR will employ a CPM consultant so qualified. In either event the statement shall identify the individual who will perform the CPM scheduling. Capability shall be verified by description of construction Projects on which the individual has successfully applied computerized CPM and shall include at least two projects of similar nature, scope and valued at not less than one-half the expected cost of this Project.

1.3 INITIAL SCHEDULE SUBMITTALS

- A. The CONTRACTOR shall submit a project overview bar chart schedule in PDF format prior to the Pre-Construction Conference as specified below:
 - 1. Project Overview Bar Chart: The overview bar chart shall indicate the major components of the Project WORK and the sequence relations between major components and subdivisions of major components. The overview bar chart shall indicate the relationships and time frames in which the various components of the WORK will be made substantially complete and placed into service in order to meet the Project milestones. Planned durations and start dates shall be indicated for each WORK item.

1.4 CPM SCHEDULE SUBMITTALS

- A. Original CPM Schedule Submittal: Within 15 days after the Notice to Proceed letter, the CONTRACTOR shall submit for review by the ARCHITECT in PDF format with one hard copy of the CPM Network Schedule. The CONTRACTOR's attention is directed to the requirement that the schedule shall contain sufficient detail and information to cost load the CPM schedule in accordance with the approved schedule of values as specified under Section 013201 - Schedule of Values. Each installation and side WORK activity shall have been cost loaded as specified.

SECTION 013211 - CPM CONSTRUCTION SCHEDULE

- B. Acceptance: The acceptance of the CONTRACTOR's schedule by the ARCHITECT and OWNER will be based solely upon the schedules compliance with the contract requirements. By way of the CONTRACTOR assigning activity durations and proposing the sequence of the WORK, the CONTRACTOR agrees to utilize sufficient and necessary management and other resources to perform the WORK in accordance with the schedule. Upon submittal of a schedule update, the updated schedule shall be considered the "current" Project schedule.
- C. Submission of a CONTRACTOR's Progress Schedule to the OWNER or ARCHITECT shall not relieve the CONTRACTOR of its total responsibility for scheduling sequencing and pursuing the WORK to comply with the requirements of the Contract Documents, including adverse effects such as delays resulting from ill-timed WORK.
- D. Monthly Updates and Periodic CPM Schedule Submittals: Following the acceptance of the CONTRACTOR's Initial Construction Schedule, the CONTRACTOR shall monitor the progress of the WORK and adjust the schedule each month to reflect actual progress and any changes in planned future activities. Each schedule update submitted in PDF format with one hard copy to the Architect must be complete including all information requested in the original CPM schedule. Each update should continue to show all WORK activities including those already completed. These computer activities should accurately reflect the "As Built" information by indicating when the WORK was actually started and completed.
- E. Neither the submission nor the updating of the CONTRACTOR's original schedule submittal nor the submission, updating, change or revision of any other report, curve, schedule or narrative submitted to the OWNER by the CONTRACTOR under this contract, nor the OWNER's review or acceptance of any such report, curve, schedule or narrative shall have the effect of amending, or modifying, in any way, the contract completion date or milestone dates or of modifying or limiting in any way the CONTRACTOR's obligations under this contract. Only a signed, fully executed Change Order can modify these contractual obligations.

1.5 CHANGE ORDERS

- A. Upon approval of a Change Order, or upon receipt by the CONTRACTOR of authorization to proceed with additional WORK, the change shall be reflected in the next submittal of the CPM schedule by the CONTRACTOR. The CONTRACTOR shall utilize a sub-network in the schedule depicting the changed WORK and its effect on other activities. This sub-network shall be tied to the main network with the appropriate logic so that a true analysis of the Critical Path can be made.

1.6 CPM SCHEDULE FLOAT

- A. Float Time: Float time shall be as follows:
 - 1. Definition: Unless otherwise provided herein, float as referenced in these documents is total float. Total float is the period of time measured by the number of working days each noncritical path activity may be delayed before it and its succeeding activities become part of the critical path. If a noncritical path activity is delayed beyond its float period, that activity then becomes part of the critical path and controls the end date of the Project. Thus, the delay of a noncritical path activity beyond its float period will cause delay to the Project itself.

SECTION 013211 - CPM CONSTRUCTION SCHEDULE

2. Float Ownership. Neither the OWNER nor the CONTRACTOR own the float time. The Project owns the float time. As such, liability for delay for the Project completion date rests with the party actually causing delay to the Project completion date. For example, if Party A uses some, but not all of the float time and Party B later uses the remainder of the float time as well as additional time beyond the float time, then Party B shall be liable for the costs associated with the time that represents a delay to the Project's completion date. Party A would not be responsible for any costs since it did not consume all of the float time and additional float time remained, therefore, the Project's completion date was unaffected.

1.7 SCHEDULE REPORTS (FORMAT)

- A. Schedule Reports: Schedule Reports shall be prepared based on the Construction Schedule, and shall include the following minimum data for each activity:

1. Activity Numbers, and Responsibility Codes.
2. Estimated Activity Duration.
3. Activity Description.
4. Activity's Percent Complete.
5. Early Start Date (Calendar Dated).
6. Early Finish Date (Calendar Dated).
7. Late Start Date (Calendar Dated).
8. Late Finish Date (Calendar Dated).
9. Status (Whether Critical).
10. Total Float for Each Activity.
11. Free Float for Each Activity.
12. Cost Value for Each Activity.

- B. Project Information: Each Schedule Report shall be prefaced with the following summary data.

1. Project Name.
2. CONTRACTOR.
3. Type of Tabulation.
4. Project Duration.
5. Contract Completion Date (revised to reflect time extensions).
6. The Commencement Date Stated in the Noticed to Proceed.
7. The Data Date and Plot Date of the Network Diagram.
8. If an update, cite the new schedule completion date.

1.8 PROJECT STATUS REPORTING

- A. In addition to the submittal requirements for the CPM scheduling identified in this Section, the CONTRACTOR shall provide monthly Project status reports (Overview Bar Chart and a written narrative report) to be submitted in conjunction with the revised CPM Schedules as specified in paragraph 1.5(D). Status reporting shall be in the form specified below.
- B. The CONTRACTOR shall prepare and submit monthly an Overview Bar Chart schedule of the major Project components. The overview bar chart schedule shall be a summary of the current

SECTION 013211 - CPM CONSTRUCTION SCHEDULE

CPM schedule (original and as updated and adjusted throughout the entire construction period). It shall be limited to not more than four sheets which shall not exceed 36-inch by 60-inch. The CONTRACTOR shall submit also an electronic copy of the schedule in PDF format. The major Project components shall be represented as time bars which shall be subdivided into various types of WORK including but not limited to demolition, excavation and earthwork, yard piping, concrete construction, mechanical, electrical and instrumentation installations. Major components shall include each new structure by area designation, sitework, modifications to existing structures, tie-ins to existing facilities and plant start-ups.

- C. Each major component and subdivision shall be accurately time scale plotted consistent with the Project overview bar chart specified in Article 1.4 above. It shall represent the same status indicated by early start and finish activity information contained in the latest update of the CPM schedule. In addition, a percent complete shall be indicated for each major component and subdivision. The initial submittal of the overview bar chart schedule shall be made at the time that the revised original CPM schedule is submitted to the ARCHITECT (65 days from the commencement date stated in the Notice to Proceed). The CONTRACTOR shall amend the overview schedule to include any additional detail required by the ARCHITECT. The CONTRACTOR shall include any additional information requested by the ARCHITECT at any time during the construction of the WORK.
- D. The CONTRACTOR shall provide written narrative reports of the status of the Project for submission to the ARCHITECT as noted in paragraph 1.9.(A) of this Section. Written status reports shall include:
 - 1. The status of major Project components (percent complete, amount of time, ahead or behind schedule) and an explanation of how the Project will be brought back on schedule if delays have occurred.
 - 2. The progress made on critical activities indicated on the CPM schedule.
 - 3. Explanations for any lack of WORK on critical path activities planned to be progressed during the last month.
 - 4. Explanations for any schedule changes, including changes to the logic or to activity durations.
 - 5. A list of the critical activities scheduled to be performed in the next two month period.
 - 6. The status of major material and equipment procurement.
 - 7. The value of materials and equipment properly stored at the site but not yet incorporated into the WORK-in-place.
 - 8. Any delays encountered during the reporting period.
 - 9. An assessment of inclement weather delays and impacts to the progress of the WORK.
- E. The CONTRACTOR may include any other information pertinent to the status of the Project. The CONTRACTOR shall include additional status information required by the ARCHITECT.

SECTION 013211 - CPM CONSTRUCTION SCHEDULE

1.9 INCLEMENT WEATHER PROVISIONS OF THE SCHEDULE

- A. CONTRACTOR's construction schedule shall include at least 100 lost normal WORK days on the CPM schedule's critical path due to inclement weather. Lost normal WORK days shall be determined as specified in Section 00800 - Supplemental General Conditions.

1.10 LIQUIDATED DAMAGES

- A. If any submittal required by this Section is determined by the ARCHITECT to be incomplete or is submitted later than required, the OWNER will suffer financial loss and accordingly liquidated damages will be assessed against the CONTRACTOR in accordance with Article 4 in Section 00500 - Agreement.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 013211

SECTION 013300 – SUBMITTAL PROCEDURES

PART 1 - GENERAL

1.1 GENERAL

- A. Wherever submittals are required hereunder, all such submittals by the CONTRACTOR shall be submitted to the ARCHITECT.
- B. Prior to the Pre-Construction Conference, the CONTRACTOR shall submit the following items to the ARCHITECT for review:
 - 1. A submittal schedule for Shop Drawings, Samples, Product Data, and proposed Substitutes or "Or-Equal" items.
 - 2. A Schedule of Values.
 - 3. A complete progress schedule for all phases of the Project.
 - 4. A list of all permits and licenses the CONTRACTOR shall obtain indicating the agency required to grant the permit and the expected date of submittal for the permit and required date for receipt of the permit. CBJ shall apply for the Building Permit.
 - 5. Material Safety Data Sheets on products used on the Project.
 - 6. A traffic maintenance plan, as required.
 - 7. A letter designating the CONTRACTOR's Superintendent, defining that person's responsibility and authority.
 - 8. A letter designating the CONTRACTOR's safety representative and the EEO Officer and that person's responsibility and authority.
- C. No payments shall be made to the CONTRACTOR until the above-listed items are submitted in their entirety, as determined by the ARCHITECT.
- D. The CONTRACTOR shall coordinate submittal preparation with performance of construction activities, and with purchasing or fabrication, delivery, other submittals and related activities. Transmit in advance of performance of related activities to avoid delay. Coordinate transmittal of different submittals for related elements so processing will not be delayed by the need to review concurrently for coordination. The ARCHITECT reserves the right to withhold action on a submittal requiring coordination until related submittals are received. No extension of time will be authorized because of failure to transmit submittals sufficiently in advance of the WORK to permit processing.
- E. The CONTRACTOR shall distribute an electronic copy in PDF format of the Construction Schedule, Schedule of Values, and the Submittal Schedule to the ARCHITECT, Subcontractors, and other parties required to comply with scheduled dates. Post paper copies of the above listed in the temporary field office. When revisions are made, distribute to the same parties and post in the same locations. Revise and update each Schedule after each meeting or activity, where revisions have been made. Issue the updated Schedules concurrently with report of each meeting.
- F. DEFINITIONS:
 - 1. File Transfer Protocol (FTP): Communications protocol that enables transfer of files to and from another computer over a network and that serves as the basis for standard Internet

SECTION 013300 – SUBMITTAL PROCEDURES

protocols. An FTP site is a portion of a network located outside of network firewalls within which internal and external users are able to access files.

2. Portable Document Format (PDF): An open standard file format licensed by Adobe Systems used for representing documents in a device-independent and display resolution-independent fixed-layout document format.

1.2 SUBMITTAL PROCESS

- A. Architect's Digital Data Files: Electronic digital data files of the Contract Drawings will be provided by ARCHITECT for CONTRACTOR's use in preparing submittals.
 1. Architect will furnish Contractor one set of digital data drawing files of the Contract Drawings for use in preparing Shop Drawings.
 - a. Architect makes no representations as to the accuracy or completeness of digital data drawing files as they relate to the Contract Drawings.
 - b. Digital Drawing Software Program: The Contract Drawings are available in AutoCAD 2010
 - c. Contractor has permission to use the digital data files solely for this Project. Any other use of the digital data files without the express written consent of the Architect is prohibited. .
- B. Processing Time: Allow time for submittal review, including time for resubmittals, as follows. Time for review shall commence on ARCHITECT's receipt of submittal. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.
 1. Initial Review: Allow 14 days for initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. ARCHITECT will advise Contractor when a submittal being processed must be delayed for coordination.
 2. Intermediate Review: If intermediate submittal is necessary, process it in same manner as initial submittal.
 3. Resubmittal Review: Allow 14 days for review of each resubmittal.
 4. Sequential Review: Where sequential review of submittals by ARCHITECT's consultants, Owner, or other parties is indicated, allow 14 days for initial review of each submittal.
 5. Concurrent Consultant Review: CONTRACTOR may transmit submittals simultaneously to ARCHITECT, Architect of Record and to Architect of Record's consultants when specifically allowed by ARCHITECT. Allow 14 days for review of each submittal. Submittal will be returned to ARCHITECT before being returned to Contractor.
- C. Electronic Submittals: Identify and incorporate information in each electronic submittal file as follows:
 1. Assemble complete submittal package into a single indexed file incorporating submittal requirements of a single Specification Section and transmittal form with links enabling navigation to each item.
 2. Name file with submittal number or other unique identifier, including revision identifier.

SECTION 013300 – SUBMITTAL PROCEDURES

- a. File name shall use project identifier and Specification Section number followed by a decimal point and then a sequential number (e.g., LNHS-061000.01). Resubmittals shall include an alphabetic suffix after another decimal point (e.g., LNHS-061000.01.A).
3. Provide means for insertion to permanently record Contractor's review and approval markings and action taken by ARCHITECT.
4. Transmittal Form for Electronic Submittals: Use electronic form acceptable to ARCHITECT, containing the following information:
 - a. Project name.
 - b. Date.
 - c. Name and address of Architect.
 - d. Name of Contractor.
 - e. Names of subcontractor, manufacturer, and supplier.
 - f. Specification Section number and title.
 - g. Drawing number and detail references, as appropriate.
 - h. Location(s) where product is to be installed, as appropriate.
 - i. Related physical samples submitted directly.
 - j. Indication of full or partial submittal.
 - k. Transmittal number or identifier.
 - l. Submittal and transmittal distribution record.
 - m. Other necessary identification.
 - n. Remarks.
- D. Options: Identify options requiring selection by ARCHITECT.
- E. Resubmittals: Make resubmittals in same form and number of copies as initial submittal.
 1. Note date and content of previous submittal.
 2. Note date and content of revision in label or title block and clearly indicate extent of revision.
 3. Resubmit submittals until they are marked with approval notation from ARCHITECT's action stamp.
- J. Use for Construction: Retain complete copies of submittals on Project site. Use only final action submittals that are marked with approval notation from Architect's action stamp.
- K. Post electronic submittals as PDF electronic files directly to ARCHITECT's FTP site specifically established for Project. Send e-mail notification to ARCHITECT, Architect of Record, Architect of Record's Consultants and Owner as appropriate.
 - a. ARCHITECT will return annotated file and send e-mail notification to CONTRACTOR. Annotate and retain one copy of file as an electronic Project record document file.
- L. Qualification Data: Prepare written information that demonstrates capabilities and experience of firm or person. Include lists of completed projects with project names and addresses, contact information of architects and owners, and other information specified.
- M. Welding Certificates: Prepare written certification that welding procedures and personnel comply with requirements in the Contract Documents. Submit record of Welding Procedure Specification

SECTION 013300 – SUBMITTAL PROCEDURES

and Procedure Qualification Record on AWS forms. Include names of firms and personnel certified.

- N. Installer Certificates: Submit written statements on manufacturer's letterhead certifying that Installer complies with requirements in the Contract Documents and, where required, is authorized by manufacturer for this specific Project.
- O. Manufacturer Certificates: Submit written statements on manufacturer's letterhead certifying that manufacturer complies with requirements in the Contract Documents. Include evidence of manufacturing experience where required.
- P. Product Certificates: Submit written statements on manufacturer's letterhead certifying that product complies with requirements in the Contract Documents.
- Q. Material Certificates: Submit written statements on manufacturer's letterhead certifying that material complies with requirements in the Contract Documents.
- R. Material Test Reports: Submit reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting test results of material for compliance with requirements in the Contract Documents.
- S. Product Test Reports: Submit written reports indicating that current product produced by manufacturer complies with requirements in the Contract Documents. Base reports on evaluation of tests performed by manufacturer and witnessed by a qualified testing agency, or on comprehensive tests performed by a qualified testing agency.
- T. If submittal is returned to the CONTRACTOR marked "NO EXCEPTIONS TAKEN," formal revision and resubmission of said submittal will not be required.
- U. If submittal is returned to the CONTRACTOR marked "MAKE CORRECTIONS NOTED," formal revision shall be made, and resubmission of said submittal will not be required.
- V. If submittal is returned to the CONTRACTOR marked "AMEND-RESUBMIT," the CONTRACTOR shall revise said submittal and resubmit to the ARCHITECT.
- W. If submittal is returned to the CONTRACTOR marked "REJECTED-RESUBMIT" the CONTRACTOR shall revise said submittal and resubmit to the ARCHITECT.
- X. Fabrication of an item may be commenced only after the ARCHITECT has reviewed the pertinent submittal and returned copies to the CONTRACTOR marked either "NO EXCEPTIONS TAKEN" or "MAKE CORRECTIONS NOTED." Corrections indicated on submittal shall be considered as changes necessary to meet the requirements of the Contract Documents and shall not be taken as the basis for changes to the Contract requirements. Only a change order can alter the contract price, time, or requirements.
- Y. All CONTRACTOR submittals shall be carefully reviewed by an authorized representative of the CONTRACTOR, prior to submission to the ARCHITECT. Each submittal shall be dated, signed, and certified by the CONTRACTOR, as being correct and in strict conformance with the Contract Documents. No consideration for review by the ARCHITECT of any CONTRACTOR submittal will be made for any items which have not been so certified by the CONTRACTOR. All non-certified submittals will be returned to the CONTRACTOR without action taken by the

SECTION 013300 – SUBMITTAL PROCEDURES

ARCHITECT, and any delays caused thereby shall be the total responsibility of the CONTRACTOR.

- Z. The ARCHITECT's review of CONTRACTOR submittals shall not relieve the CONTRACTOR of the entire responsibility for the correctness of details and dimensions. The CONTRACTOR shall assume all responsibility and risk for any misfits due to any errors in CONTRACTOR submittals. The CONTRACTOR shall be responsible for the dimensions and the design of adequate connections and details.

1.3 SUBMITTAL SCHEDULE

- A. Submittal Schedule shall be submitted electronically in PDF format along with one hard copy. The CONTRACTOR shall coordinate the Submittal Schedule with the list of subcontracts, Schedule of Values and list of products as well as the Construction Schedule. Prepare the Submittal Schedule in chronological order. Identify all submittals required for the completion of the Work. Provide the following information in the Submittal Schedule:
 - 1. Scheduled date for the first submittal.
 - 2. Related Section number.
 - 3. Name of Subcontractor.
 - 4. Description of the construction element covered.
 - 5. Anticipated date of the ARCHITECT's final release or approval.

1.4 SHOP DRAWING SUBMITTALS

- A. Shop Drawings shall be submitted electronically in PDF format. The CONTRACTOR shall submit shop Drawings as required with new information, drawn to accurate scale. Indicate deviations from Contract Documents. Do not reproduce Contract Documents or copy standard information as the basis of Shop Drawings.
- B. The Shop Drawings shall include the following information:
 - 1. Dimensions.
 - 2. Identification of products and materials included.
 - 3. Notation of coordination requirements.
 - 4. Notation of dimensions established by field measurement.
 - 5. Shop Drawings shall include bar scale where appropriate.
 - 6. Seal and signature of professional Engineer if specified.
- C. The term "Shop Drawings" as used herein shall be understood to include detail design calculations, shop Drawings, fabrication, and installation Drawings, section Drawings, lists, graphs, operating instructions, catalog sheets, data sheets, and similar items.
- D. Do not use shop Drawings without a final stamp indicating action taken in connection with construction.

SECTION 013300 – SUBMITTAL PROCEDURES

1.5 SAMPLE SUBMITTALS

- A. Whenever in the Specifications samples are required, the CONTRACTOR shall submit not less than 3 samples of each such item or material to the ARCHITECT for acceptance at no additional cost to the OWNER. Provide corresponding electronic submittal of Sample transmittal, digital image file illustrating Sample characteristics, and identification information for record.
- B. Samples, as required herein, shall be submitted for acceptance a minimum of 14 days prior to ordering such material for delivery to the job site, and shall be submitted in an orderly sequence so that dependent materials or equipment can be assembled and reviewed without causing delays in the WORK.
- C. The CONTRACTOR shall submit full-size samples, cured and finished as specified, and identical to the product proposed. Mount, display, or package samples to facilitate review. Include the following:
 - 1. Generic description.
 - 2. Source.
 - 3. Product name or name of manufacturer.
 - 4. Compliance with recognized standards.
 - 5. Availability and delivery time.
 - 6. Submit samples for review of kind, color, pattern, and texture, for a final check of these characteristics, and a comparison of these characteristics between the final submittal and the component as delivered and installed. Where variations are inherent in the product, submit multiple units that show limits of the variations.
 - 7. Preliminary Submittals. Where samples are for selection of characteristics from a range of choices, submit a full set of choices for the product. Preliminary submittals will be reviewed and returned indicating selection and other action.
 - 8. Submittals. Except for samples illustrating assembly details, quality of WORK, fabrication techniques, connections, operation and similar characteristics, submit 3 sets; one will be returned marked with the action taken. Maintain a sample set at the Project site, for quality comparisons. Sample sets may be used to obtain final acceptance of the construction associated with each set.
 - 9. Prepare additional sets for Subcontractors, manufacturers, fabricators, installers, and others as required for performance. Show distribution on transmittal forms.
- D. All samples shall be individually and indelibly labeled or tagged, indicating thereon all specified physical characteristics and Supplier's names for identification and submitted to the ARCHITECT for acceptance. Upon receiving acceptance of the ARCHITECT, one set of the samples will be stamped and dated by the ARCHITECT and returned to the CONTRACTOR, and one set of samples will be retained by the ARCHITECT, and one set of samples shall remain at the job site until completion of the WORK.
- E. Unless clearly stated otherwise, it is assumed that all colors and textures of specified items presented in sample submittal are from the manufacturer's standard colors and standard materials, products, or equipment lines. If the samples represent non-standard colors, materials, products or equipment lines, and their selection will require an increase in Contract Time or Price, the CONTRACTOR will clearly indicate this on the transmittal page of the submittal.

SECTION 013300 – SUBMITTAL PROCEDURES

1.6 PRODUCT DATA SUBMITTALS

- A. Product Data Submittal shall be submitted electronically in PDF format. The CONTRACTOR shall collect all the Product Data into a single submittal for each element or system. Mark each copy to show applicable choices and options. Where Product Data includes information on several products, some of which are not required, mark copy to indicate the applicable information. Include the following information:
1. Manufacturer's printed recommendations.
 2. Compliance with recognized trade association standards.
 3. Compliance with recognized testing agency standards.
 4. Application of testing agency labels and seals.
 5. Notation of dimensions verified by field measurement.
 6. Notation of coordination requirements.
 7. Preliminary Submittal: Submit a preliminary copy where selection of options is required.
 8. Furnish copies of final submittal to installers, and others required for performance of construction activities. Show distribution on transmittal forms. Do not proceed with installation until an approved copy of Product Data is in the installer's possession. Do not permit use of unmarked copies of Product Data in connection with construction.

1.7 PROPOSED SUBSTITUTE OR "OR EQUAL" ITEM SUBMITTALS

- A. Substitute or "Or Equal" submittals shall be submitted electronically in PDF format. Whenever materials or equipment are specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the naming of the item is intended to establish the type, function, and quality required. If the name is followed by the words "or-equal" indicating that a substitution is permitted, materials or equipment of other Suppliers may be accepted by the ARCHITECT if sufficient information is submitted by the CONTRACTOR to allow the ARCHITECT to determine that the material or equipment proposed is equivalent or equal to that named, subject to the following requirements:
1. The burden of proof as to the type, function, and quality of any such substitute material or equipment shall be upon the CONTRACTOR.
 2. The ARCHITECT will be the sole judge as to the type, function, and quality of any such substitute material or equipment and the ARCHITECT's decision shall be final.
 3. The ARCHITECT may require the CONTRACTOR, to furnish at the CONTRACTOR's expense, additional data about the proposed substitute.
 4. The OWNER may require the CONTRACTOR to furnish at the CONTRACTOR's expense a special performance guarantee or other surety with respect to any substitute.
 5. Acceptance by the ARCHITECT of a substitute item proposed by the CONTRACTOR shall not relieve the CONTRACTOR of the responsibility for full compliance with the Contract Documents and for adequacy of the substitute item.
 6. The CONTRACTOR shall be responsible for resultant changes and all additional costs which the accepted substitution requires in the CONTRACTOR's WORK, the WORK of its Subcontractors and of other contractors, and shall effect such changes without cost to the OWNER. This shall include the cost for redesign and claims of other contractor(s) affected by the resulting change.
- B. The procedure for review by the ARCHITECT will include the following:

SECTION 013300 – SUBMITTAL PROCEDURES

1. If the CONTRACTOR wishes to furnish or use a substitute item of material or equipment, the CONTRACTOR shall make written application to the ARCHITECT on the "Substitution Request Form" for acceptance thereof.
 2. Unless otherwise provided by law or authorized in writing by the ARCHITECT, the "Substitution Request Form(s)" shall be submitted within the 14-day period after Notice of Award/Notice To Proceed.
 3. Wherever a proposed substitute material or equipment has not been submitted within said 14-day period, or wherever the submission of a proposed substitute material or equipment has been judged to be unacceptable by the ARCHITECT, the CONTRACTOR shall provide material or equipment named in the Contract Documents.
 4. The CONTRACTOR shall certify that the proposed substitute will perform adequately the functions and achieve the results called for by the general design, be similar and of equal substance to that specified, and be suited to the same use as that specified.
 5. The ARCHITECT will be allowed a reasonable time within which to evaluate each proposed substitute. In no case will this reasonable time period be less than 14 days.
 6. As applicable, no shop Drawing submittals will be made for a substitute item nor will any substitute item be ordered, installed, or utilized without the ARCHITECT's prior written acceptance of the CONTRACTOR's "Substitution Request Form" which will be evidenced by a Change Order.
- C. The CONTRACTOR's application using the "Substitution Request Form" shall contain the following statements and/or information which shall be considered by the ARCHITECT in evaluating the proposed substitution when one or more of the following conditions are satisfied, as determined by the ARCHITECT; otherwise, requests will be returned without action except to record non-compliance with these requirements.
1. Extensive revisions to the Contract Documents are not required.
 2. Proposed changes are in keeping with the general intent of the Contract Documents.
 3. The request is timely, fully documented, and properly submitted.
 4. The request is directly related to an "or equal" clause or similar language in the Contract Documents.
 5. The specified product or method of construction cannot be provided within the contract time. The request will not be considered if the product or method cannot be provided as a result of the CONTRACTOR's failure to pursue the WORK promptly, or to coordinate activities properly.
 6. The specified product or method of construction cannot receive necessary approval by a governing authority, and the requested substitution can be approved.
 7. A substantial advantage is offered to the OWNER, in terms of cost, time, energy conservation, or other considerations of merit, after deducting off-setting responsibilities the OWNER may be required to bear. Additional responsibilities for the OWNER may include additional compensation to the Architect of Record for redesign and evaluation services, increased cost of other construction by the OWNER, or separate contractors, and similar considerations.
 8. The specified product or method of construction cannot be provided in a manner that is compatible with other materials, and where the CONTRACTOR certifies that the substitution will overcome the incompatibility.
 9. The specified product or method of construction cannot be coordinated with other materials, and where the CONTRACTOR certifies that the proposed substitution can be coordinated.
 10. The specified product or method of construction cannot provide a warranty required by the

SECTION 013300 – SUBMITTAL PROCEDURES

contract documents and where the CONTRACTOR certifies that the proposed substitution provide the required warranty.

11. The evaluation and acceptance of the proposed substitute will not prejudice the CONTRACTOR's achievement of substantial completion on time.
12. Available maintenance, repair, and replacement service and its estimated cost will be indicated.
13. Whether or not incorporation or use of the substitute in connection with the WORK is subject to payment of any license fee or royalty.
14. Itemized estimate of all costs that will result directly or indirectly from acceptance of such substitute, including cost of redesign and claims of other contractors affected by the resulting change.

- D. The CONTRACTOR's submittal and ARCHITECT's acceptance of Shop Drawings, Product Data or Samples that relate to construction activities not complying with the contract documents does not constitute an acceptable or valid request for substitution, nor does it constitute approval.

1.8 SCHEDULE OF VALUES

- A. For Lump Sum Pay Unit contracts, the CONTRACTOR shall submit a Schedule of Values to the ARCHITECT. The Schedule of Values shall be submitted electronically in PDF format with one hard copy. The Schedule of Values shall list the cost breakdown of the Lump Sum Pay Unit contract and shall be coordinated with the construction schedule.
1. Correlate line items in the Schedule of Values with other schedules and forms.
 2. Use the Contract Document's Table of Contents as a guide to establish the format for the Schedule of Values.
 3. Include Record Drawings as a line item.

1.9 PROGRESS SCHEDULE

- A. Progress Schedule shall be submitted electronically in PDF format with one hard copy. The progress schedule shall be in Bar Chart or Critical Path Method (CPM) form, as required by the ARCHITECT.
- B. The progress schedule shall show the order in which the CONTRACTOR proposes to carry out the WORK and the contemplated date on which the CONTRACTOR and its Subcontractors will start and finish each of the salient features of the WORK, including any scheduled periods of shutdown. The schedule shall also indicate any anticipated periods of multiple-shift work.
- C. Upon substantial changes to the CONTRACTOR's progress schedule of WORK or upon request of the ARCHITECT, the CONTRACTOR shall submit a revised progress schedule(s) in the form required. Such revised schedule(s) shall conform with the Contract Time and take into account delays which may have been encountered in the performance of the WORK. In submitting a revised schedule, the CONTRACTOR shall state specifically the reason for the revision and the adjustments made in the schedule or methods of operation to ensure the completion of all the WORK within the Contract Time.

SECTION 013300 – SUBMITTAL PROCEDURES

1.10 RECORD DRAWING SUBMITTAL

- A. The CONTRACTOR shall keep and maintain, at the job site, one record set of CONTRACT Drawings and Shop Drawings, incorporating new and revised drawings as modifications are issued.
1. Preparation: Mark record prints to show the actual installation where installation varies from that shown originally. Require individual or entity who obtained record data, whether individual or entity is Installer, subcontractor, or similar entity, to provide information for preparation of corresponding marked-up record prints.
 - a. Give particular attention to information on concealed elements that would be difficult to identify or measure and record later.
 - b. Accurately record information in an acceptable drawing technique.
 - c. Record data as soon as possible after obtaining it.
 - d. Record and check the markup before enclosing concealed installations.
 - e. Cross-reference record prints to corresponding archive photographic documentation.
 2. Content: Types of items requiring marking include, but are not limited to, the following:
 - a. Dimensional changes to Drawings.
 - b. Revisions to details shown on Drawings.
 - c. Revisions to routing of piping and conduits.
 - d. Revisions to electrical circuitry.
 - e. Actual equipment locations.
 - f. Duct size and routing.
 - g. Locations of concealed internal utilities.
 - h. Retain second option in first subparagraph below if using EJCDC Document C-700.
 - i. Changes made by Change Order or Construction or Work Change Directive.
 - j. Changes made following ARCHITECT'S written orders.
 - k. Details not on the original CONTRACT Drawings.
 - l. Field records for variable and concealed conditions.
 - m. Record information on the Work that is shown only schematically.
 3. Mark the Contract Drawings and Shop Drawings completely and accurately. Use personnel proficient at recording graphic information in production of marked-up record prints.
 4. Mark record sets with erasable, red-colored pencil. Use other colors to distinguish between changes for different categories of the Work at same location.
 5. Mark important additional information that was either shown schematically or omitted from original Drawings.
 6. Note Construction Change Directive numbers, alternate numbers, Change Order numbers, and similar identification, where applicable.
- B. Said record Drawings shall be supplemented by any detailed sketches as necessary or directed to indicate, fully, the WORK as actually constructed.

- C. These master record Drawings of the CONTRACTOR's representation of as-built conditions,

SECTION 013300 – SUBMITTAL PROCEDURES

including all revisions made necessary by Addenda, Change Orders, and the like shall be maintained up-to-date during the progress of the WORK.

- B. Copies of the record Drawings shall be submitted to the ARCHITECT prior to the Notice of Substantial Completion by the ARCHITECT.
- C. Final payment will not be acted upon until the CONTRACTOR prepared record Drawings have been delivered to the ARCHITECT.

1.11 RECORD SPECIFICATIONS SUBMITTAL

- A. Preparation: Mark Specifications to indicate the actual product installation where installation varies from that indicated in Specifications, addenda, and contract modifications.
 - 1. Give particular attention to information on concealed products and installations that cannot be readily identified and recorded later.
 - 2. Mark copy with the proprietary name and model number of products, materials, and equipment furnished, including substitutions and product options selected.
 - 3. Record the name of manufacturer, supplier, Installer, and other information necessary to provide a record of selections made.
 - 4. For each principal product, indicate whether record Product Data has been submitted in operation and maintenance manuals instead of submitted as record Product Data.
 - 5. Note related Change Orders, record Product Data, and record Drawings where applicable.
- B. Copies of the record Specifications shall be submitted to the ARCHITECT prior to the Notice of Substantial Completion by the ARCHITECT.
- C. Final payment will not be acted upon until the CONTRACTOR prepared record Specifications have been delivered to the ARCHITECT.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

(Substitution Request Form – Next Page)

SECTION 013300 – SUBMITTAL PROCEDURES

CBJ Engineering Department SUBSTITUTION REQUEST FORM

TO: _____ Project: _____

Contract No. _____

SPECIFIED ITEM: _____

Section	Page	Paragraph	Description
---------	------	-----------	-------------

The undersigned requests consideration of the following: **PROPOSED SUBSTITUTION:**

Attached data includes product description, Specifications, Drawings, photographs, performance and test data adequate for evaluation of the request. Applicable portions of the data are clearly identified.

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

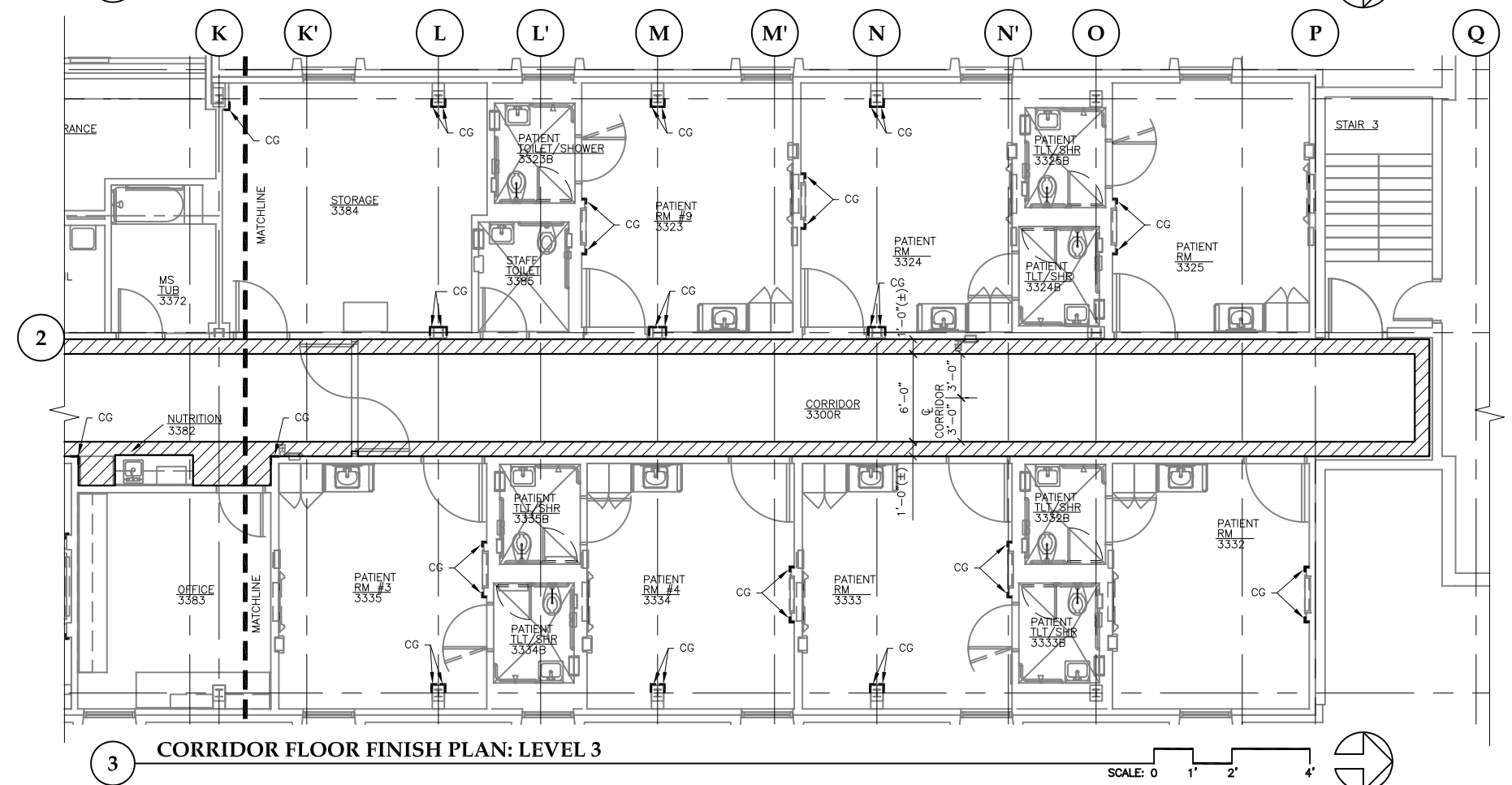
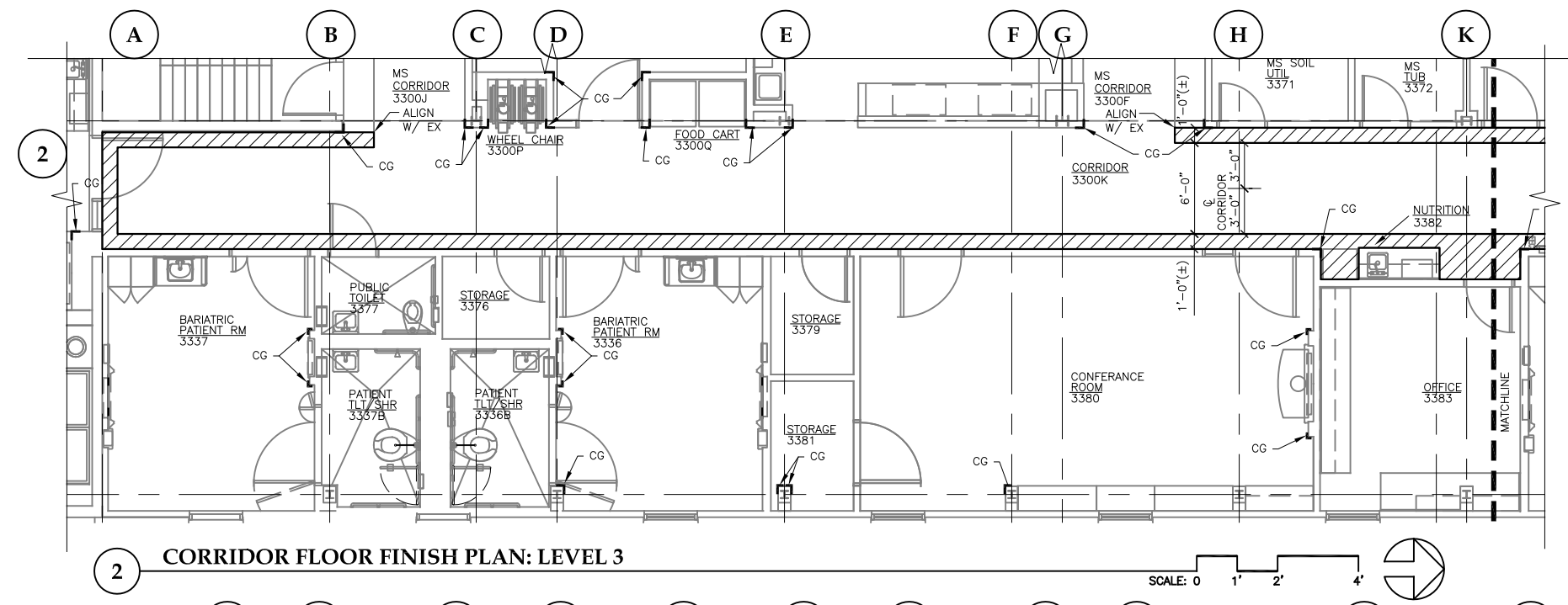
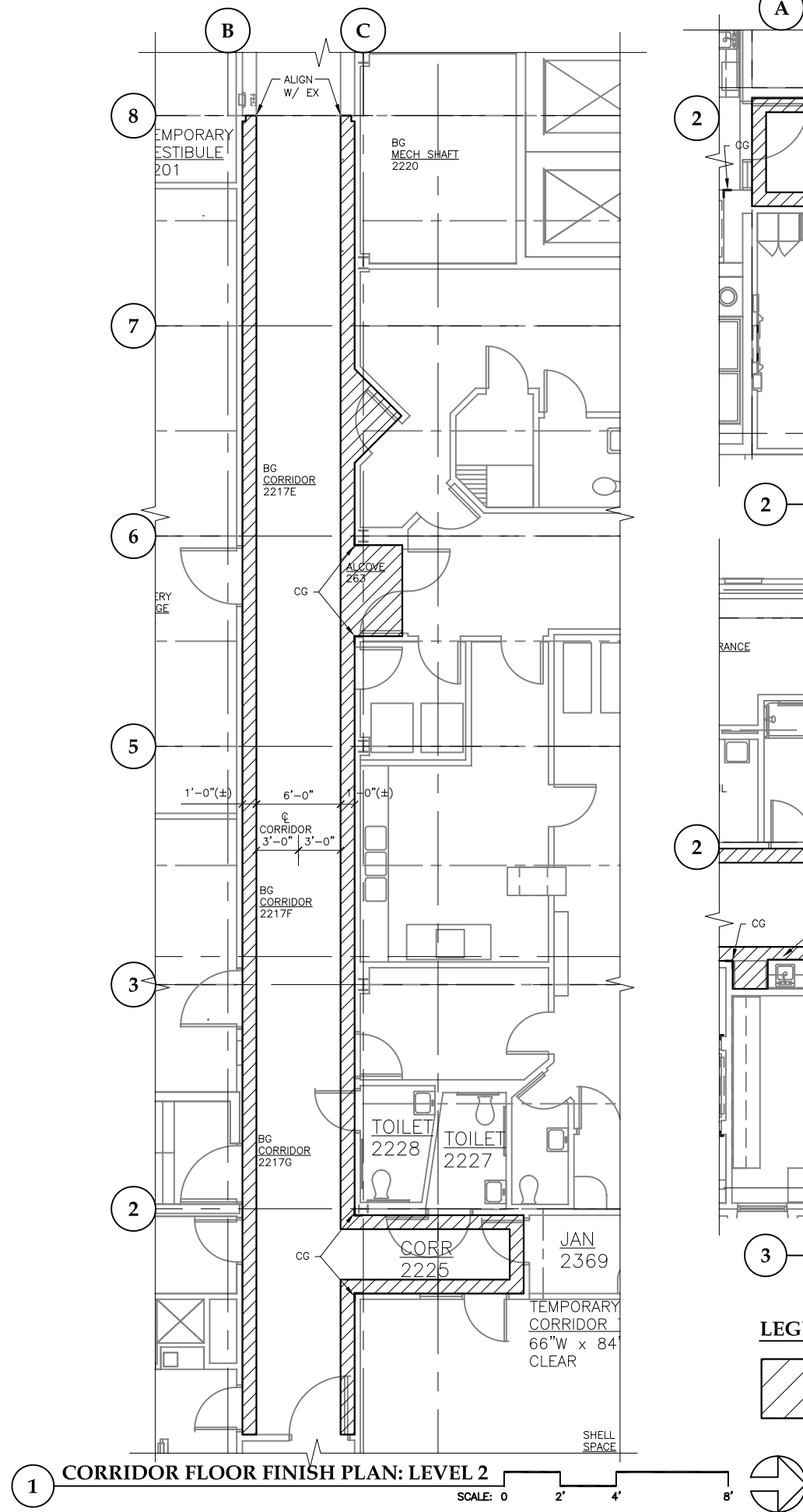
1. The proposed substitution does not affect dimensions shown on Drawings and will not require a change in any of the Contract Documents.
2. The undersigned will pay for changes to the design, including engineering design, detailing, and construction costs caused by the requested substitution which is estimated to be \$_____.
3. The proposed substitution will have no adverse affect on other contractors, the construction schedule (specifically the date of substantial completion), or specified warranty requirements.
4. Maintenance and service parts will be locally available for the proposed substitution.
5. The incorporation or use of the substitute in connection with the WORK is not subject to payment of any license fee or royalty.

The undersigned further states that the function, appearance, and quality of the Proposed Substitution are equivalent or superior to the specified item.

Submitted by CONTRACTOR (date): _____	ARCHITECT Review (date): _____
Signature: _____	By: _____
Print Name: _____	Decision by CBJ:
Firm: _____	____Accepted ____Accepted as Noted
Title: _____	____Not Accepted ____Received Too Late
Telephone: _____	
Attachments: _____	Signature: _____

The use of this substitution is not authorized until accepted by the ARCHITECT.

END OF SECTION 013300



LEGEND

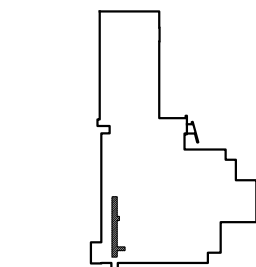


SV - COLOR A

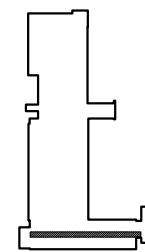


SV - COLOR B

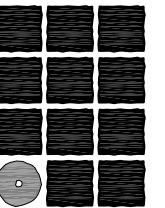
CG L CONNER GUARD



KEY PLAN : LEVEL 2



KEY PLAN : LEVEL 3



**Jensen
Yorba
Lott
Inc.**

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Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com



**City & Borough of Juneau
Bartlett Regional Hospital
Medical / Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska**

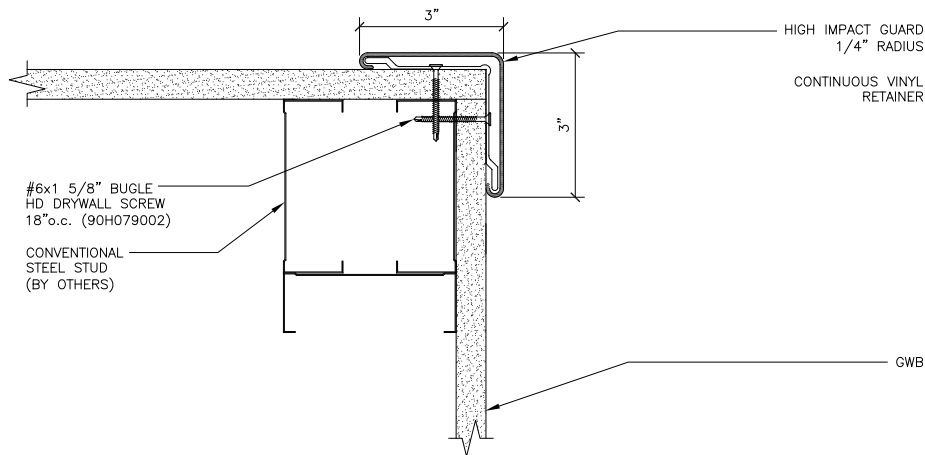
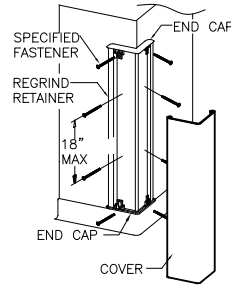
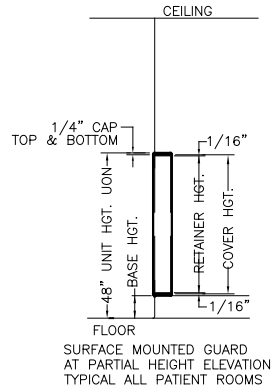
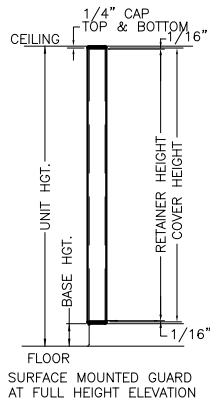
**ADDENDUM
NO. 3**

REVISIONS
△
△
△

**SHEET TITLE
CORRIDOR
FLOOR FINISH
PLAN
LEVEL 2 & 3**

DATE: July 29, 2010
FILE: 0859

A404



4 SURFACE MOUNTED CORNER GUARD

0859/X_A908-4

SCALE: 0 3" 6"

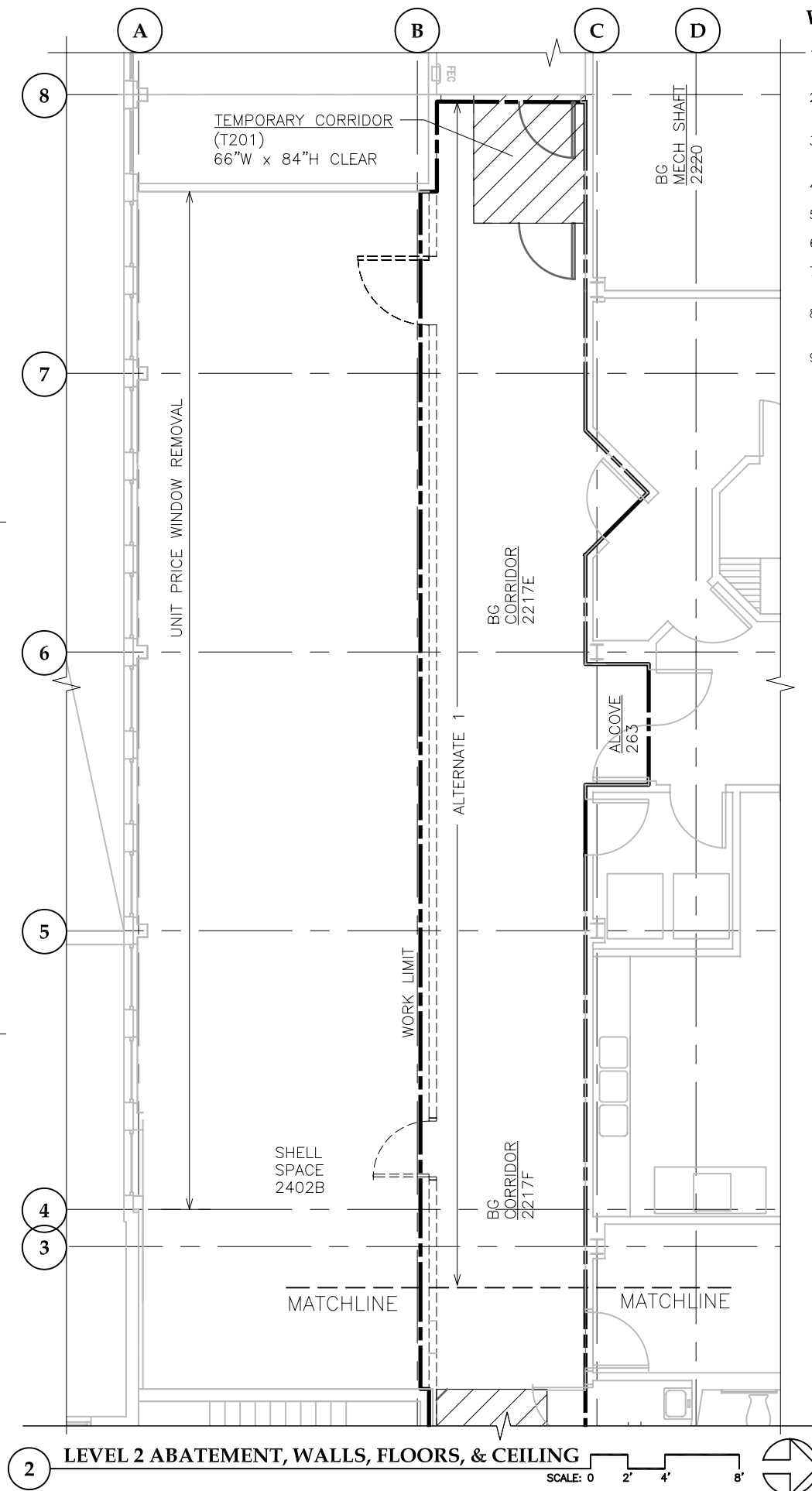
Jensen
Yorba
Lott
Inc.

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com

ADD NO. 3: SUFRACE MOUNTED CORNER GUARD

BARTLETT REGIONAL HOSPITAL
MEDICAL SURGICAL EAST WING RENO
Contract No. E10-221 - File No. 1648
JUNEAU, AK

4/A908

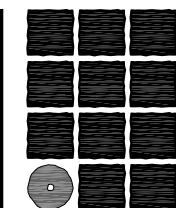
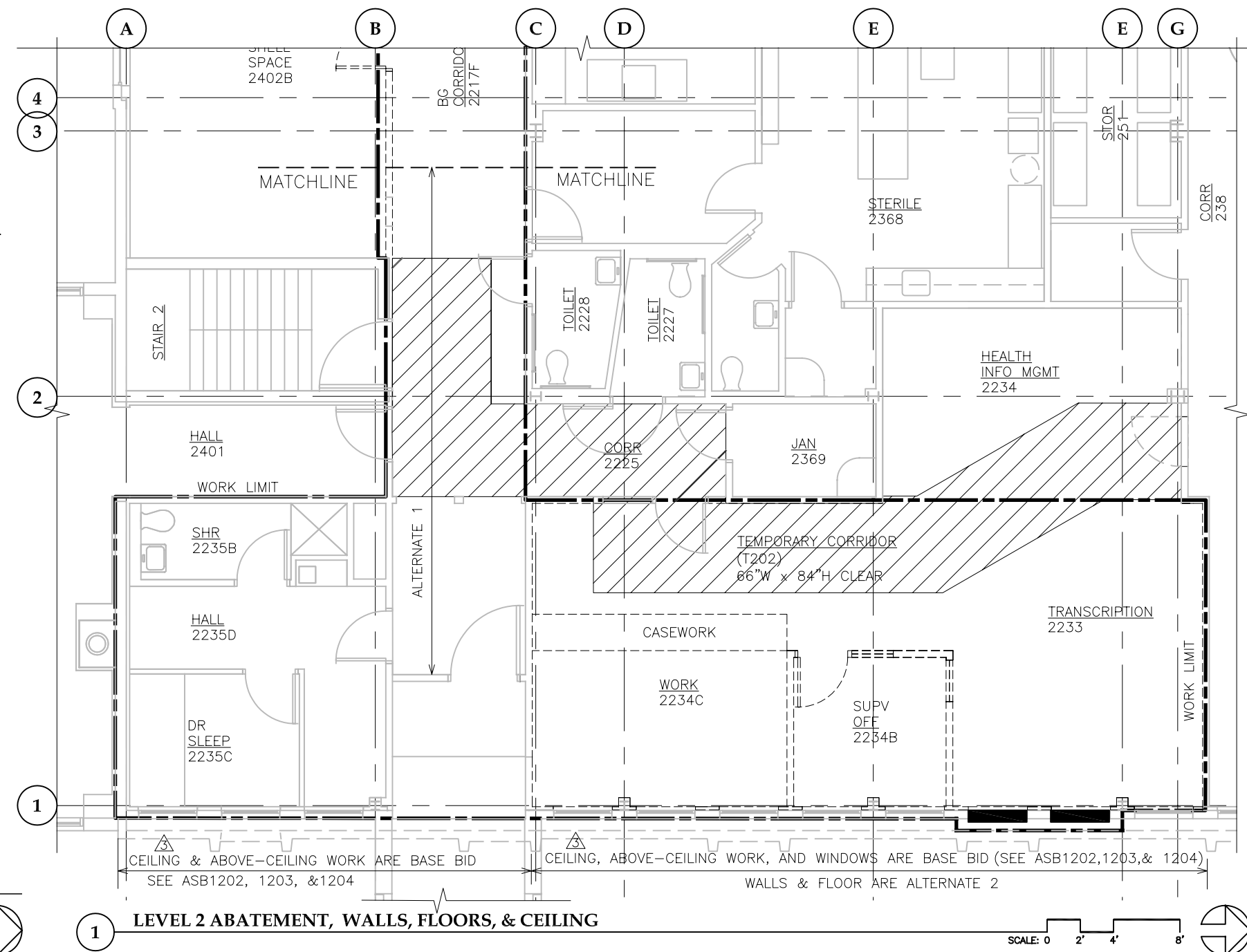


WORK THIS SHEET:

1. REMOVE AND DISPOSE OF ALL CEILING FINISHES OF WHATEVER NATURE, INCLUDING ANY FRAMING.
2. REMOVE AND DISPOSE OF WALL FINISHES OF WHATEVER NATURE WHERE SHOWN. ALSO REMOVE INTERIOR FRAMING WHERE SHOWN.
3. REMOVE FLOOR FINISHES OF WHATEVER NATURE, INCLUDING MASTICS, DOWN TO CLEAN CONCRETE.
4. REMOVE AND DISPOSE OF DOORS AND WINDOWS AS SHOWN.
5. REMOVE AND DISPOSE OF CABINETS, FIXTURES, AND OTHER INTERIOR ELEMENTS AS SHOWN.
6. REMOVE AND DISPOSE OF ALL FLUORESCENT FIXTURES INCLUDING TUBES AND BALLASTS.
7. REMOVE, CLEAN, AND PRESERVE WINDOWS WHERE SHOWN. PRIME CONTRACTOR TO RE-INSTALL WINDOWS AT END OF PROJECT.
8. REMOVE ALL EXISTING SIGNS WITHIN WORK LIMIT AND DELIVER, UNDAMAGED, TO PRIME CONTRACTOR.
9. REMOVE WINDOWS ALONG GRID LINE A ON A UNIT PRICE BASIS UNDER ALTERNATE 5.

NOTES:

1. CEILING FINISHES: ALL AREAS HAVE GWB CEILINGS, USUALLY WITH GLUED-ON ACOUSTIC TILE.
2. WALL FINISHES: GWB EXISTS ON ALL WALLS TO BE ABATED.
3. FLOOR FINISHES: FLOORS CONSIST OF CARPET, VAT, OR SHEET VINYL, SOMETIMES LAYERED IN VARIOUS COMBINATIONS. THE UNDERLYING MASTIC IN ALL CASES IS ASSUMED TO BE ACM.
4. INDICATED FIREDOORS ARE FILLED WITH ACM.
5. EXISTING SPRINKLER PIPING SHALL REMAIN IN PLACE AND FUNCTIONAL. TEMPORARY SUPPORTS SHALL BE PROVIDED AND MAINTAINED AS NECESSARY. COORDINATE WITH PRIME CONTRACTOR AND APPROPRIATE TRADES.
6. ALL BALLASTS ARE ASSUMED TO CONTAIN PCB.
7. TEMPORARY CORRIDORS AND BARRIERS SHALL BE OF NON-COMBUSTIBLE CONSTRUCTION, HAVE IBC APPROVED LIGHTING, SIGNAGE, AND SMOKE DETECTION, AND BE DOUBLE-WRAPPED WITH 6 MIL POLY TO PROVIDE LEAK-PROOF ACCESS. MINIMUM INSIDE WIDTH 66" AND MINIMUM INSIDE HEIGHT 84". COORDINATE WITH PRIME CONTRACTOR.



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**City & Borough of Juneau
Bartlett Regional Hospital
Medical / Surgical East Wing Renovation
CBJ Contract No. E10-221
Juneau, Alaska**

Construction
Documents

REVISIONS
 ADDENDUM #3

SHEET TITLE
**LEVEL 2 ABATEMENT
WALLS, FLOORS,
& CEILING**

DATE: July 1, 2010
FILE: 0859

ASB1201