This is an Clarification issued by **Tellepsen Builders**

TELLEPSEN

**From:** Ezra Wilson
**Phone:**
**Fax:**

---

**ATTN:**
(or Estimating Department)
**Company Name:**
**Address:**

**Fax:**
**Phone:**
**Trade Codes:**

# CLARIFICATION for site logistics plan, concrete, precast, steel and glass

**Title:**
HCC Coleman Package 2

**Location:**

**Bid Due Date:** November 19, 2015 02:00 PM (CT)

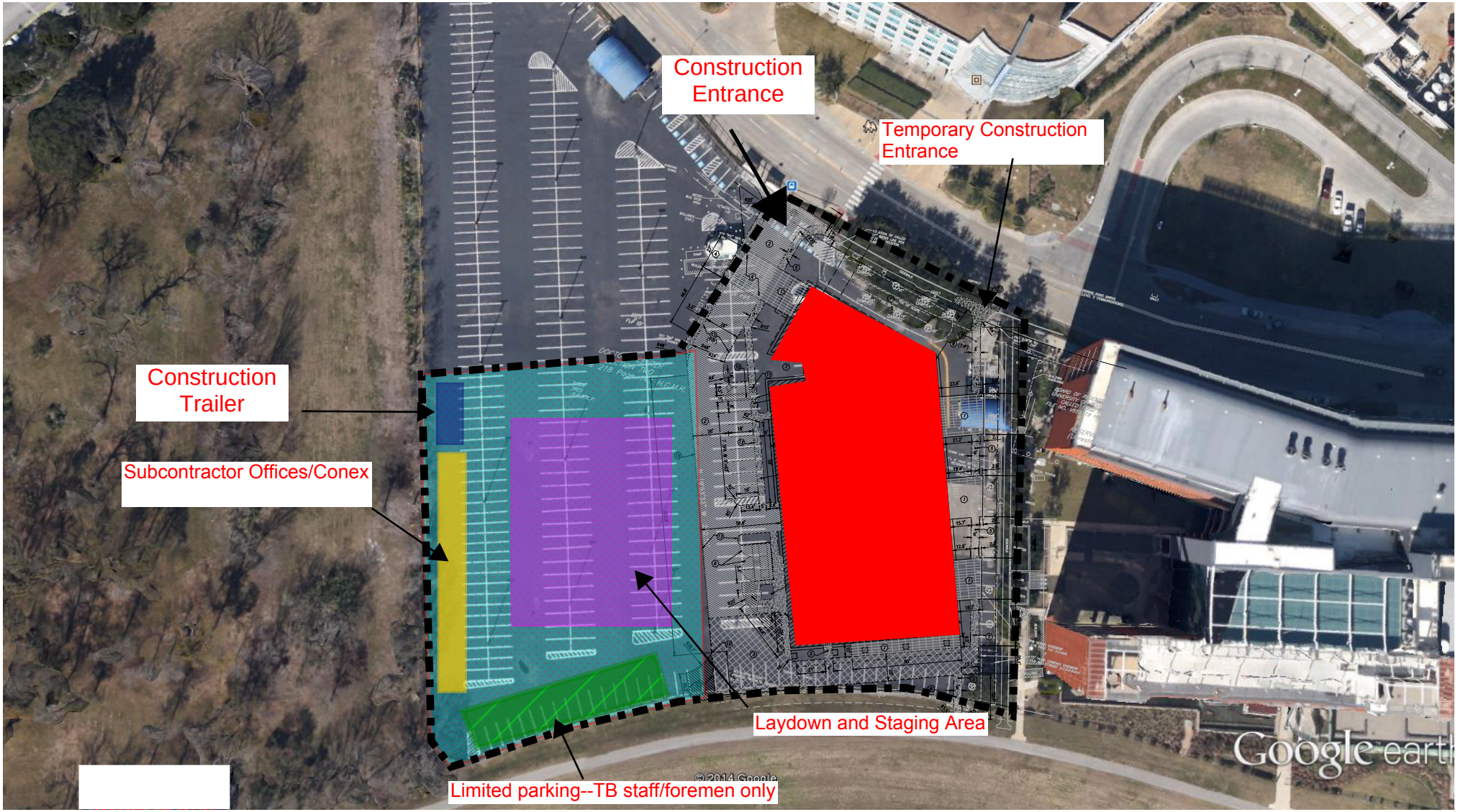
| **Contact:** Ezra Wilson | **Phone:** | **Fax:** |
|---|---|---|

| **Architect:** | **Owner:** | **Bid Project Status:** Open to Bid |
|---|---|---|

**ISSUE OF THESE CLARIFICATIONS DOES NOT CHANGE PROPOSAL DATE AND TIME, which remains 2:00 PM, CST, Thursday, November 19,2015.**
**Under General Documents folder: Site Logistics Plan has been posted**
**All other clarifications have been posted under General Documents/Clarification and RFI Responses folder.**
**Tower Crane Requirements**
**Exterior Glass Type 11-13-15**
**Concrete Clarification 11-17-15**
**Steel Clarification 11-17-15**
**Precast Clarification 11-17-15**
**All proposers to read the clarifications and provide unit cost or add alternate pricing as requested.**
**All proposers are to acknowledge receipt of the clarifications in their proposal.**

TELLEPSEN

# HCC Coleman Site Logistics



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**Trade Codes:**

# CLARIFICATION -Tower Crane

**Title:**
HCC Coleman Package 2

**Location:**

**Bid Due Date:** November 19, 2015 02:00 PM (CT)

| **Contact:** Ezra Wilson | **Phone:** | **Fax:** |
|---|---|---|

| **Architect:** | **Owner:** | **Bid Project Status:** Open to Bid |
|---|---|---|

**Clarification Description: Please see the Tower Crane requirements sheet and Tower Crane location drawing under the General Documents/Clarification and RFI Responses folder in Smartbid. The Tower Crane for the project is to be included in your proposals. The Tower Crane requirements sheet is to be attached as part of your proposal. Complete the responses, fill in the blanks and provide the requested information, initial each page, and sign.**
**If you have any questions, please advise via email or call at your convenience.**
**Failure to complete this Tower Crane requirements sheet and include as an attachment may be considered non-responsive and dis-qualify your proposal from consideration.**

# HCC Coleman Package 2

**November 11,2015**

## Tower Crane Requirements

**Concrete Proposals for the superstructure are to include the tower crane to complete the concrete work.**
**In addition, the tower crane will need to stay operational after completion of the concrete work for the precast erection, steel erection, and general support of the other trades for a duration as required for unloading materials, stocking of MEP equipment, roofing materials, etc.**

**A Tower Crane Location:**

**1** See Tower Location plan
**2** Gas line will be re-routed by others to miss tower crane footing location.
**3** Aerial Rights over adjacent buildings to the east will be provided by HCC (Owner).

**B Tower Crane Footing & Foundation:**

**1** Proposal to include engineering cost for design of footing and foundation .
**2** Tower crane footing & foundation is to be independent of building foundation.
**3** Minimum clearance between tower crane footing and building pile caps is 2 foot clear.
**4** Geotech Report Tulonay Wong, No 14.13.134, Aug 2014 is posted in Smartbid documents
**5** Proposal to include installation of footing & foundation.
**6** Assume top of footing will be 3 foot below finished concrete paving and walks.
**7** Provide alternate price to remove concrete footing (leaving foundation in place) after tower crane removed.

**C Tower Crane Loads: maximum loads are anticipated to be precast panel loads.**

**1** Tower crane should have capacity to pick 16,760 lbs at 202 feet hook reach.

**D Tower Crane Hook Reach:**

**1** Hook reach is minimum 202 feet based on tower crane location indicated.

**E Tower Crane Height under hook:**

**1** Minimum height under hook to be 221 ft from top of tower crane footing.

**F Tower Crane Inclusions**

**1** Provide a fully operated crane
- a including trained operator, provide proof of training for equipment included
- b crane equipment to meet all code and safety requirements
- c monthly repair agreements for tower crane
- d tower crane insurance cost based on value of crane equipment, proof of insurance required
- e tower crane is to be based on a free-standing tower, no connections to building required
- f include foundation anchors
- g include freight in and freight out
- h include assist crane for unloading/loading and assembly/disassembly of the tower crane
- i include erection, retorque of tower bolts, and dismantle
- j include tech support during erection/retorque/dismantle
- k include applicable taxes on equipment rentals
- l include test weights as required
- m include all cost for operation, including overtime hours for crane rental and operator for duration of the complete concrete scope

**G Tower Crane for Precast**

**1** Precast erection will commence as a second shift sequence.
**2** An operated tower crane will be required during the second shift.
**3** Assume second shift will be a minimum of 10 hours of operated crane time, 5 days a week.
**4** Cost for operated tower crane for precast erection will be an added cost to proposal at rates quoted below.

**H Tower Crane for unloading materials and stocking materials/equipment to building.**

**1** Material deliveries will occur typically during the first shift and tower crane will need to be available for use.
**2** As the concrete work draws to a completion, other trades will begin delivery of materials. There will be the need for tower crane use during this transition period. All deliveries will be scheduled through Tellepsen superintendent in order to achieve concrete scope as a priority but tower crane use during first shift for other trades will be necessary. Your cooperation will be required. No additional crane cost is expected since crane time during first shift is included in concrete proposals. If material handling for other trades is scheduled after or before typical first shift, an hourly rate add would be applicable.

Initial Page



_____

## HCC Coleman Package 2

**November 11,2015**

### Tower Crane Requirements

**I Tower Crane cost in Proposal (Identify cost included in proposal by circling YES or NO)**

| | | INCLUDED | |
|---|---|---|---|
| **1** | Complete cost for tower crane | | |
| | installed and ready to work by April 21, 2016 | YES | NO |
| | thru concrete scope duration of November 2, 2016 | YES | NO |
| **2** | Use of tower crane during first shift for pre-scheduled unloading materials of other trades | YES | NO |
| **3** | Use of tower crane during first shift for pre-scheduled steel erection | YES | NO |
| **4** | Use of tower crane during first shift for pre-scheduled stocking materials for other trades | YES | NO |

**J Tower Crane Unit Rates**

| | | | |
|---|---|---|---|
| **1** | Monthly crane equipment rate without operator based on 240 hrs/month | $ _____ | per month |
| **2** | Hourly crane equipment rate without operator for overtime over 240 hrs | $ _____ | per hour |
| **3** | 2nd Shift operated crane (crane & operator) for straight time based on 40 hr week | $ _____ | per hour |
| **4** | 2nd Shift operated crane (crane & operator) for overtime after 40 hr week | $ _____ | per hour |
| **5** | 1st Shift operated crane (crane & operator) for straight time based on 40 hr week | $ _____ | per hour |
| **6** | 1st Shift operated crane (crane & operator) for overtime after 40 hr week | $ _____ | per hour |

**K Tower Crane Equipment (fill in the blanks).**

**1** Tower Crane Equipment provider included in proposal is: _____

**2** Tower Crane Equipment model number included in proposal is _____

**3** Tower Crane height under hook included in proposal is: _____ feet above top of tower crane footing.

**4** Tower Crane capacity included in proposal is _____ pounds at hook reach of _____ feet.

**5** Crane power requirements for equipment in proposal.

| | voltage | phase | Hz | Amps | kVA |
|---|---|---|---|---|---|
| Static | | | | | |
| Traveling | | | | | |

Electrical service to tower crane location and panel will be provided by others. Power usage cost by others.

**6** Tower Crane brochure, capacity charts, proof of operator training, and sample certificate for crane insurance will be required before award.

**Name of Company** **Date: November ___, 2015**

_____

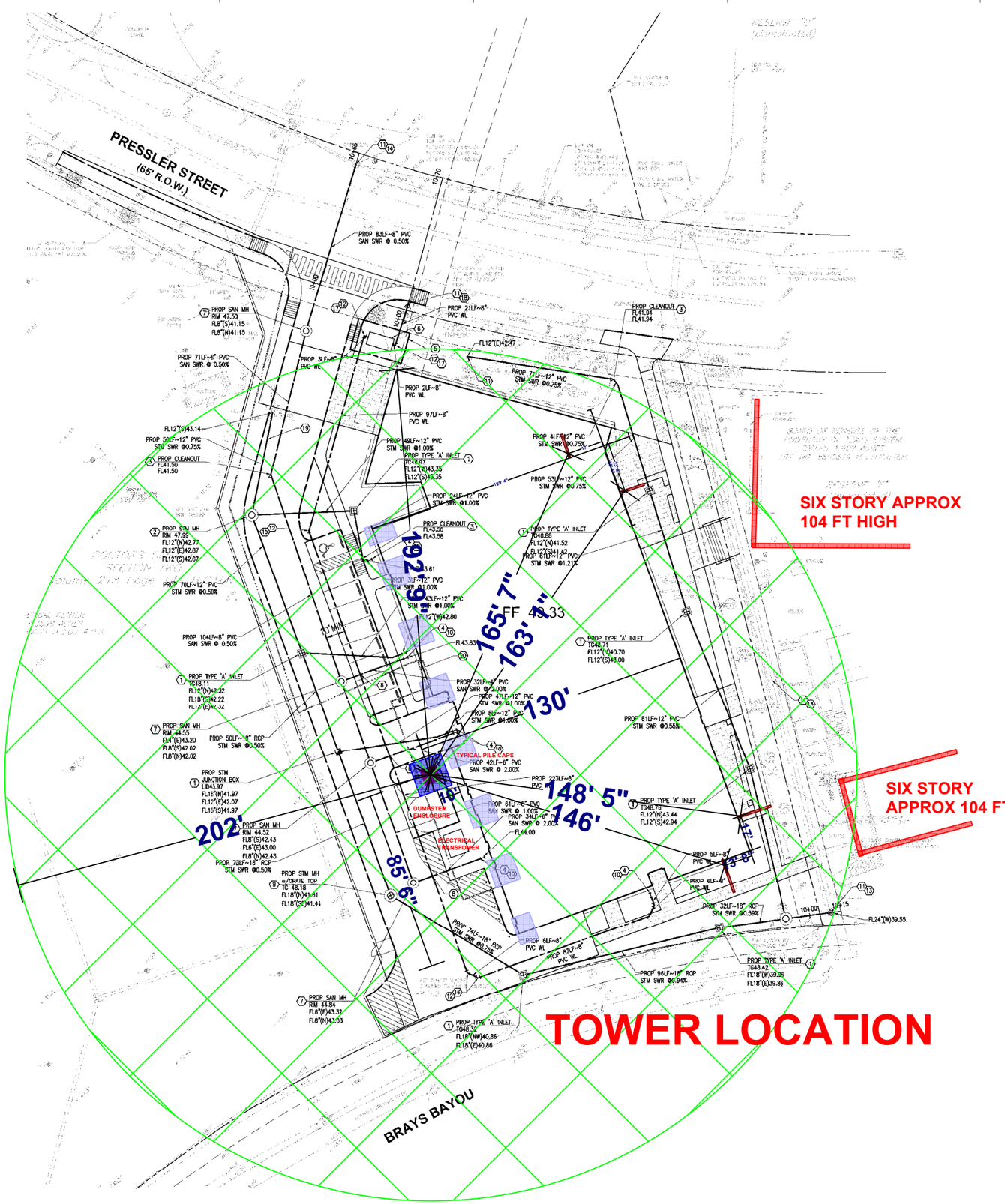
**Signed by** _____
print name

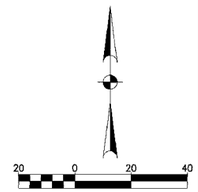
**Signature** _____
sign name

**The Tower Crane requirements sheet (Page 1 & 2) is to be turned in with proposals to verify cost included in proposal and provide unit rates as requested. Proposers are required to initial both pages.**

Initial Page

_____




**Project Benchmark:**

TSARP MONUMENT NO. 040115 ELEV. 45.11
A BRASS DISK SET IN THE SIDEWALK ON THE DOWNSTREAM SIDE OF THE BRIDGE OVER BRAYS BAYOU ON GREENBRIAR STREET.

TBM NO. 1 ELEV. 44.68
"o" CUT IN THE TOP OF THE CURB INLET LOCATED ON THE NORTH SIDE OF PRESSLER STREET AT MAIN STREET.

TBM NO. 2 ELEV. 46.98
"o" CUT IN THE TOP OF THE CURB INLET LOCATED ON THE NORTH SIDE OF PRESSLER STREET IN THE WEST CURB LINE OF THE METRO TRANSIT CENTER DRIVEWAY, APPROXIMATELY 60' NORTH OF THE SIDEWALK.

TBM NO. 3 ELEV. 46.88
SOUTH RIM OF ELECTRIC MANHOLE LOCATED JUST OUTSIDE THE FENCE NEAR THE SOUTHEASTERLY CORNER OF THE LEASE TRACT. MANHOLE IS STAMPED "2687"

TBM NO. 4 ELEV. 43.04
"o" CUT IN THE TOP OF THE INLET LOCATED IN THE BRAYS BAYOU R.O.W., JUST WEST OF THE SOUTHWESTERLY CORNER OF UNRESTRICTED RESERVE "F".

**LEGEND**

| | EXISTING | PROPOSED |
|---|---|---|
| Curb | | |
| Edge of Pavement | | |
| R.O.W. | | |
| Curve Number | | C1 |
| Storm Sewer/MH | | |
| Large Diam Storm Sewer/MH | | |
| Curb Inlet/Grate Inlet | | |
| Sanitary Sewer/MH/Cleanout | | |
| Large Diam Sanitary Sewer/MH | | |
| Water Line/Fire Hydrant/Valve | | |
| Gas | | |
| Electric | | |
| Phone | | |
| Fence | | |
| Contour | 90 | 90 |
| Slope | | 1% |
| Top of Pavement | | TP 42.25 |
| Top of Wall | | TW 42.25 |
| Finished Grade | | FG 42.25 |
| Top of Grade | | TG 42.25 |
| Flow Line | | FL 42.25 |
| Detail Number | | 5 |
| Detail Sheet Number | | C5.0 |

**Utility Notes:**

1. PROPOSED TYPE "A" INLET/ JUNCTION BOX. RE: DETAIL 1/CU-5001
2. PROPOSED STORM MANHOLE. RE: DETAIL 9/CU-5001
3. PROPOSED CLEAN OUT. RE: DETAIL 3/CU-5001
4. SEE MEP PLANS FOR CONTINUATION
5. PROPOSED 15' X 25' WATER METER EASEMENT
6. PROPOSED 8" FRCM
7. PROPOSED SANITARY SEWER MANHOLE. RE: DETAIL 4/CU-5001
8. MINIMUM 2' VERTICAL CLEARANCE BETWEEN PROPOSED WATER AND SANITARY LINES AT CROSSING; PLACE FULL SECTION OF WATER LINE AND SANITARY SEWER LINE CENTERED AT CROSSING, MINIMUM 18 FOOT PIPE SECTIONS; RE: CITY OF HOUSTON DETAILS FOR BACKFILL REQUIREMENTS.
9. PROPOSED STORM MANHOLE WITH GRATE TOP. RE: DETAIL 11/CU-5001
10. CLAY PLUG. RE: DETAIL 9/CU-5001
11. FIELD VERIFY SIZE AND LOCATION OF EXISTING UTILITIES
12. THRUST BLOCK. RE: DETAIL 6/CU-5001
13. TIE IN TO EXISTING STORM SYSTEM
14. TIE IN TO EXISTING SANITARY SYSTEM
15. 22.5° WATERLINE BEND
16. 45° WATERLINE BEND
17. 90° WATERLINE BEND
18. TAPPING SLEEVE AND VALVE; RE: CITY OF HOUSTON DETAILS.
19. COORDINATE WITH CENTERPOINT ENERGY FOR PROPOSED GAS LINE. RE: MEP PLANS FOR PROPOSED SIZE AND MATERIAL
20. RE: MEP PLANS FOR PROPOSED GAS METER DETAILS

**Sheet Notes:**

1. ALL SANITARY SEWER TO BE PVC DR-26.
2. ALL STORM SEWER LESS THAN 15" TO BE PVC SDR-35.
3. ALL STORM SEWER WITHIN CITY OF HOUSTON RIGHT-OF-WAY OR EASEMENT TO BE 24" RCP.

HDR Architecture, Inc.
1801 Main Street Suite 1000 | Houston, Texas 77002

PROJECT FOR:

# HOUSTON COMMUNITY COLLEGE

Coleman College for Health Sciences Building Expansion Project

1900 Pressler St
Houston, TX 77030

HOUSTON COMMUNITY COLLEGE

| MARK | DATE | DESCRIPTION |
|---|---|---|
| | | |

| | |
|---|---|
| PROJECT NUMBER | 228419 |
| ORIGINAL ISSUE | 09/18/2015 - 75% Construction Documents |
| PROJECT MANAGER | Robert Cline (HDR) |
| PROJECT DESIGNER | Dan Rase (HDR) |
| PROJECT ARCHITECT | Steven Minor (HDR) |
| CONSULTING ARCHITECT | Michael Sieburg (AUTOARCH) |
| LANDSCAPE ARCHITECT | Rich Prakopcyk (HDR) |
| CIVIL ENGINEER | Elaine Rogers (RME)/ Daniel Falkenstine (WPM) |
| STRUCTURAL ENGINEER | Elaine Rogers (RME)/ Kristi Grizzle (WPM) |
| MECHANICAL ENGINEER | Don Nye (E&C) |
| ELECTRICAL ENGINEER | William Clifford (E&C) |
| INTERIOR DESIGNER | Dallas Felder (HDR) |
| DRAWN BY | Daniel Falkenstine (WPM) |

**INTERIM REVIEW ONLY**
Document Incomplete; Not intended for permit or construction.
Engineer: DANIEL E. FALKENSTINE, P.E.
P.E. Serial No.: 109860
Date: 09/18/2015
Walter P. Moore and Associates, Inc
TBPE Firm Registration No. 1856

Civil Site Utility Plan

| SCALE | AS NOTED |
|---|---|

**CU-1000**

75% Construction Documents

This is an Clarification issued by **Tellepsen Builders**

TELLEPSEN

**From:** Ezra Wilson
**Phone:**
**Fax:**

---

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**Trade Codes:**

# CLARIFICATION - Glass Types Revised

**Title:**
HCC Coleman Package 2

**Location:**

**Bid Due Date:** November 19, 2015 02:00 PM (CT)

| **Contact:** Ezra Wilson | **Phone:** | **Fax:** |
|---|---|---|

| **Architect:** | **Owner:** | **Bid Project Status:** Open to Bid |
|---|---|---|

**Clarification Description: See the revised 2.3 Glass Types Schedule November 13, 2015 Revision 1 in General Documents/Clarifications and RFI Responses folder in Smartbid. Architect has provided glass selection for EX-1, EX-2 and EX-3. Note EX-4 is for glass canopy at main entrance.**

HCC Coleman Package 2/75% CD November 13, 2015 Rev 1

Glass Type Clarification

Specification Section 08 81 12 Exterior Glass and Glazing

Delete Paragraph 2.3 Glass Types Schedule

Replace with the following revised paragraph

**2.3 GLASS TYPES SCHEDULE**

A. Glass Type EX-1: (Low-E)
   1. Insulating glass; two sheets of 6 mm thick glass, hermetically sealed together at edges with spacers and sealant, with 1/2 IN dehydrated air space. Class 1-clear with anti-reflective low-e coating on No.2 surface (inside surface of exterior pane), Quality q3-glazing select conforming to ASTM C 1036. Exterior glass performance shall be U-Value/Winter Nightime 0.29, shading coefficient 0.29.
      a. Basis of Design: VNE 1-63 Insulating by Viracon.
   2. Outside glass: Type; Clear.
   3. Inside glass: Type; Clear.

B. Glass Type EX-2:
   1. Insulated Spandrel Glass; 2 sheets of 6 mm thick heat strengthened float glass hermetically sealed together at edges with spacers and sealant, with 1/2 IN dehydrated air space. Class 1-clear with anti-reflective low-e coating on No.2 surface (inside surface of exterior pane), Quality q3-glazing select, conforming to ASTM C 1036. Exterior glass performance shall be U-Value/Winter Nighttime 0.030, shading coefficient 0.33. Interior glass panes shall be Spandrel Glass with ceramic-opacifier on No.4 surface (outside surface of interior pane).
      a. Basis of Design: VE1-63 Insulating Spandrel (VNE1-63 on No. 2 surface, V933 – Warm Gray Viraspan on No. 4 surface, by Viracon.
   2. Outside glass: Clear.
   3. Inside glass: 6 mm thick, third or fourth face ceramic frit.

C. Glass Type EX-3: (Low-E)
   1. Tempered Insulating glass; two sheets of 6 mm thick glass, hermetically sealed together at edges with spacers and sealant, with 1/2 IN dehydrated air space. Class 1-clear with anti-reflective low-e coating on No.2 surface (inside surface of exterior pane), Quality q3-glazing select conforming to ASTM C 1036. Exterior glass performance shall be U-Value/Winter Nighttime 0.29, shading coefficient 0.29.
      a. Basis of Design: VNE 1-63 Insulating by Viracon.
   2. Outside glass: Type; Clear.
   3. Inside glass: Type; Clear.

D. Glass Type EX-4, Tempered monolithic and/or laminated:

   **FOR GLASS CANOPY AT MAIN ENTRANCE – YOUR PROPOSAL TO INCLUDE ALL DESIGN, ENGINEERING AND CONNECTIONS AS NECESSARY TO COMPLETE THE CANOPY, AS SHOWN ON A-102 A, APPROX 26'3" x 12'0" AND DETAIL A1/A513. STEEL SUPPORT TUBES BY OTHERS.**
   1. Clear, tempered tongless float, 6 mm thick (manufacturer to verify). Decorative silkscreen pattern.
      a. Ceramic Frit Paint: High Opacity White, V175 by Viracon.
      b. Pattern: 40% dot pattern, Screen #5006 by Viracon.
      c. Location: 2nd face, or as recommended by fabricator.
      d. All edges ground flat with frosted appearance unless otherwise noted on drawings.
   2. New glass to match existing Coleman Building for color, not performance.

This is an Clarification issued by **Tellepsen Builders**

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**Trade Codes:**

# CLARIFICATION - STEEL 11-17-15

**Title:**
HCC Coleman Package 2

**Location:**

**Bid Due Date:** November 19, 2015 02:00 PM (CT)

| **Contact:** | **Phone:** | **Fax:** |
|---|---|---|
| Ezra Wilson | | |

| **Architect:** | **Owner:** | **Bid Project Status:** |
|---|---|---|
| | | Open to Bid |

**Clarification Description: Clarification for Steel Proposers 11-17-15 for steel fabrication and steel erectors is issued showing response to drawing questions. All proposers are to include scope as required and acknowledge receipt in their proposals. Pay special attention to 0.25 lbs/sf allowance question and response(s) from Structural Engineer. Do not include the 32 ton allowance in your proposals. Provide a unit cost/ton for steel fabricated or steel erected for the allowance as an add to your proposal. Issuance of this clarification does not change the proposal date or time, which is due 2:00 PM, CST, Thursday, November 19,2015.**

TELLEPSEN
Cornerstone of the Community

11-Nov-15

HDR Architecture, Inc.
1801 Main Street Suite 1000
Houston, Texas 77002

Attn: Mr. Robert Cline, AIA, Senior Project Manager

Ref: HCC Coleman –
**Bid Document Review - Items 1 thru 12**

We are in the process of reviewing the Package 2 and 75% CD documents in preparation for a GMP 2 effort, and have the following comments for your review and timely response:

| ITEM | DESCRIPTION | STATUS | RESPONSE |
|---|---|---|---|
| 1 | STRUCTURAL: On October 22, 2015 we received an email issued by Kristi Grizzle at WP Moore, forwarded from Robert Cline at HDR. Email read as follows: *Please provide the following to Tellepsen to accompany our Super-Structure package issued on 10/20 for areas that are not yet fully detailed.*<br>*In addition to the steel shown on drawings, a steel tonnage allowance of 0.25 psf (based on floor and roof areas) should be provided for pricing. This will include the following miscellaneous steel:*<br>• *Exterior Canopy connections/details (HSS tubes, angles)*<br>• *Monumental Stair stringers (HSS tubes), posts (HSS tubes), connections/details*<br>• *Hangdown steel and connections for fins/brows (channels, angles)*<br>• *Embeds for fins/brows (galvanized)*<br>• *Embeds for metal pan stairs (galvanized)*<br>Based on direction in email we should include an Allowance of approx 32 tons (256,310 sf X 0.25psf) for the items listed to allow for steel not fully detailed. Please confirm our interpretation of the allowance calculation. Since this Allowance of 0.25 psf is not on the plans, it needs to formalized via addenda or response to this RFI item. | | Allowance calculation confirmed. |
| 2 | STRUCTURAL: Levels 2, 3 & Penthouse have numerous tube steel outlookers and the Levels 4 – 10 have one (1) tube steel outlooker. Are there embed details for these outlookers and dimensions and section cuts/details showing the outlooker steel? | | Yes, there will be embeds for this steel, but the final details and connections are net yet shown. The allowance of 0.25 psf of steel (mentioned in Item #1 above) is meant to cover those items not yet fully detailed. For pricing the length of outlookers, please use 4 feet. |
| 3 | STRUCTURAL: Drawings S-111A & S-111B are actually roof plan drawings not penthouse drawings, correct? | | Sheets S-111A and S-111B show a level that is partly the building roof and partly the penthouse floor in the area where the penthouse extends up. |
| 4 | STRUCTURAL: Are there embeds for the elevator divider beams? | | There will be. The 0.25 psf allowance mentioned in Item #1 above will count for that steel tonnage. |
| 5 | STRUCTURAL: Are there embeds for the horizontal tube steel girts on S102A? | | There will be. The 0.25 psf allowance mentioned in Item #1 above will count for that steel tonnage. |
| 6 | STRUCTURAL: Are there embeds associated with the future connector bridge that should be cast in place in this package? | | Most likely there will not be. The bridge will cantilever over to this building and will not be hard connected to it. |
| 7 | STRUCTURAL: Are there embeds associated with the steel columns at the penthouse? | | There will be. The 0.25 psf allowance mentioned in Item #1 above will count for that steel tonnage. |
| 8 | STRUCTURAL: Will the tube steel outlookers require any connecting steel angles to frame the eyebrow? | | They will. The 0.25 psf allowance mentioned in Item #1 above will count for that steel tonnage. |
| 9 | STRUCTURAL: Will the tube steel outlookers be field welded to embeds or bolted? | | Field welded to embeds |

| | | | |
|---|---|---|---|
| 10 | STRUCTURAL: In review of 75% CD, on AC-502 Detail A2, we see a steel channel supporting folding partitions. Call out note says "Support structure - Refer to Structural Document." We see no detail on structural for this steel. Looks to be vertical steel and a brace angle holding the steel channel. Is this steel in addition to Allowance of 0.25 psf? Will there be embeds in concrete for connection of vertical steel and brace angle, or will these be drilled/epoxy expansion anchors? | | The steel to support operable partitions is included in the 0.25 psf allowance. |
| 11 | STRUCTURAL: Several details in 75% CD - A1 thru A3/A520 relating to decorative handrial and steel supports in drywall indicate a 3 1/2 X 5 steel angle, embeds and a C6X8.2 channel. Is this steel to be part of the Allowance 0.25 psf? | | Yes, this steel will be part of the 0.25 psf allowance. |
| 12 | STRUCTURAL: at edge of floor opening at Stair No. 4, see details A4 & A5/A520 there is a steel tube and embeds to support the glass decorative rails at floor level. Is this steel to be part of the Allowance 0.25 psf? | | Yes, this steel will be part of the 0.25 psf allowance. |

**Tellepsen Builders, L.P.**

Ezra Wilson, Senior Estimator

Copy: Sam Hopkins, Guy Cooke, estimating file

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**Trade Codes:**

# CLARIFICATION - Concrete 11-17-15

**Title:**
HCC Coleman Package 2

**Location:**

**Bid Due Date:** November 19, 2015 02:00 PM (CT)

| **Contact:** Ezra Wilson | **Phone:** | **Fax:** |
|---|---|---|

| **Architect:** | **Owner:** | **Bid Project Status:** Open to Bid |
|---|---|---|

**Clarification Description: Clarification for Concrete Proposers 11-17-15 is posted in Smartbid.net under General Documents/Clarification and RFI Responses folder. All concrete proposers are to include scope as required and acknowledge receipt and inclusion in their proposals. Clarification includes answers to proposer questions, Note: Issuance of this clarification does not extend the proposal date or time, which remains 2:00 PM CST, Thursday, November 19,2015. CM at Risk will submit proposal 24 hours prior to published date and time, direct to the Owner (HCC).**

TELLEPSEN
Cornerstone of the Community

17-Nov-15

Ref: HCC Coleman –
**Concrete Proposer Questions 1 thru 13**

| ITEM | DESCRIPTION | STATUS | RESPONSE |
|---|---|---|---|
| 1 | The scope for this package does not include the ACP and pile caps. | | CORRECT |
| 2 | Does this extend to the perimeter grade beams as well? | | NO, GRADE BEAMS ARE TO BE INCLUDED IN YOUR PROPOSAL |
| 3 | Documents indicate top of grade beam to equal top of pile cap (see plan note #6 on S101A). If we are to include this in our scope, who will have the dowels that extend out from the pile caps to the grade beam? | | DOWELS WILL BE CONTINUOUS THRU PILE CAP AS DETAILED 4/S301, AND PROVIDED BY PILE CAP SUBCONTRACTOR. |
| 4 | Will we be responsible to cold-bend the ACP dowels that project into the SOG? Detail 12/S300 indicates they'll be hooked. | | AUGERCAST PILE REINFORCING WILL BE FURNISHED BY OTHERS WITH HOOKS, NO COLD-BEND REQUIRED IN YOUR PROPOSAL AT THIS DETAIL. |
| 5 | Is parking provided? | | A SITE LOGISTICS PLAN WILL BE POSTED TO SMARTBID. PARKING ON SITE WILL BE LIMITED TO FOREMAN AS DIRECTED BY TELLEPSEN SUPERINTENDENT. PARKING FOR YOUR WORKERS WILL BE OFFSITE AT YOUR EXPENSE AND SHOULD BE INCLUDED IN YOUR PROPOSAL. |
| 6 | Specifications indicate only a dumbbell type PVC waterstop. Is Synchoflex (or equal) OK? | | QUOTE PER PLANS & SPECS, AND OFFER A SAVINGS IF SYNCHOFLEX IS APPROVED AFTER THE PROPOSALS ARE RECEIVED. IF YOU HAVE A PARTICULAR PRODUCT IN MIND, SUBMIT A SUBSTITUTION, SEE SPEC 00 26 00 AND USE 01 60 00a FORM IN THE SPECS. |
| 7 | Do you have a preliminary count of pre-cast embeds? | | Include setting of precast embeds in proposal. Preliminary count is 1,644 ea. Provide a unit cost in your proposal for add/deduct if count is revised for setting embed. See S401 for typical embeds at floor edge and concrete beams. See 15/S300 for Panel Anchor Sleeve at first floor edge at precast panels. There will be two sleeve locations per panel, total of 52, sleeve is to be formed as a blockout in concrete in your proposal. Assume sleeve blockout is 2 inch X 6 inch deep X 10 inches long. Panel achor plate will be minimum 1/2 inch plate and set into sleeve approx 5 inches. Grout fill of sleeve after setting of precast is to be included in your proposal. |
| 8 | Do you have a preliminary count of curtainwall embeds? | | Include setting of curtainwall embeds in proposal. Preliminary count is 263 ea. Provide a unit cost in your proposal for add/deduct if count is revised for setting embed. Assume embed is a 4 inch X 4 inch steel angle set at edge of slab/beams, either at top edge of slab or bottom edge of concrete beam. |
| 9 | When can we anticipate the site concrete to commence? | | ASSUME 4 MOBILIZATIONS FOR SITE CONCRETE WORK. INCLUDING 4$^{TH}$ QUARTER, 2015 OR EARLY 1$^{ST}$ QUARTER, 2016 FOR NEW APPROACH AT PRESSLER STREET AND ELECTRICAL TRANSFORMER PAD, THEN 2 MOBS FOR SITE PAVING, DUMPSTER ENCLOSURE AND LIGHT POLE BASES ( MOST LIKELY 2$^{ND}$ OR 3$^{RD}$ QUARTER, 2016), THEN 1 MOB FOR WALKS, MOW STRIP AND SITE CONCRETE BENCHES IN 1$^{ST}$ QUARTER 2017. |
| 10 | Are there any work hour or noise restrictions? Can we do pours early in morning, erect tower crane over a weekend, etc.? | | NO RESTRICTIONS HAVE BEEN NOTED BY HCC (OWNER) OR TEXAS MEDICAL CENTER (TMC) FOR THIS PROEJCT. CITY OF HOUSTON ORDINANCES ARE TO BE RECOGNIZED WHERE APPLICABLE. QUALIFY YOUR PROPOSAL IF YOU FEEL IT IS NECESSARY. |

| | | | |
|---|---|---|---|
| 11 | Under Tower Crane Requirements, seems certain specific limits were called out for crane reach, capacity at crane reach and height under hook. To meet these specific limits would limit crane selection to one crane supplier. Was that the intent? | | No, the intent is not to limit crane supplier to one company. These limits were meant as a guideline or parameters to size the crane to meet the project requirements. Crane reach minimum is to enable crane at its shown location to reach northwest corner of building for erection of steel and placement of concrete, and to unload precast staged in west staging area as shown on logistics plan. Crane capacity at its maximum reach should be minimum 16,000 lbs. Height under hook should be a minmum of 40 ft above highest point of building. Your response to the tower crane requirements is to provide the information on the tower crane included in your proposal "fill in the blanks" on the form and attach to your proposal. |
| 12 | We see on CS-5021 in the 75% CD drwgs, Detail 1 Precast Seat Wall, is the concrete shown to be part of the site concrete scope. | | Yes, include the concrete footing and concrete seat wall in your proposal. The cast stone coping and precast concrete panel on sides are not in your scope. The excavation, crushed stone base and compacted subgrade is by others. Assume full face forms will be required. See CS-1001 in 75% CD drwgs for typical location, see Note 26. There are six (6) locations shown. Dimensions are not shown, scale from CS-1001. |
| 13 | On CS-1001, Transformer Pad is called out as Note 12 RE: MEP for transformer pad detail. Is this pad to be 12 inches thick? | | 75% CD MEP plans do not show transformer pad detail. Use detail 6/CS-5020 for a 12 inch concrete utility pad with reinforcing as shown. Include this pad in your site concrete scope. Crushed stone base and compacted subgrade by others. Dimensions are not shown, use 9ft X 11ft. |

**Tellepsen Builders, L.P.**

Ezra Wilson, Senior Estimator

Copy: Sam Hopkins, Guy Cooke, estimating file

This is an Clarification issued by **Tellepsen Builders**

TELLEPSEN

**From:** Ezra Wilson
**Phone:**
**Fax:**

**ATTN:**
(or Estimating Department)
**Company Name:**
**Address:**

**Fax:**
**Phone:**
**Trade Codes:**

# CLARIFICATION -PRECAST 11-17-15

**Title:**
HCC Coleman Package 2

**Location:**

**Bid Due Date:** November 19, 2015 02:00 PM (CT)

| **Contact:** | **Phone:** | **Fax:** |
|---|---|---|
| Ezra Wilson | | |

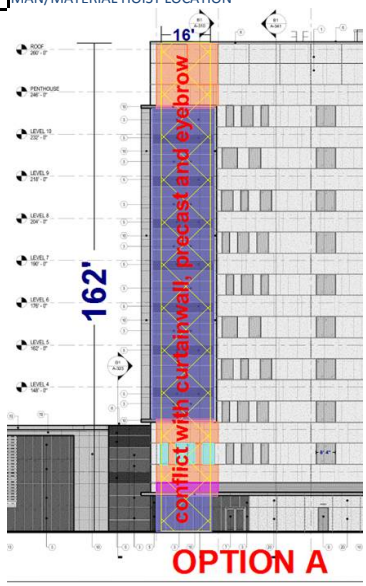
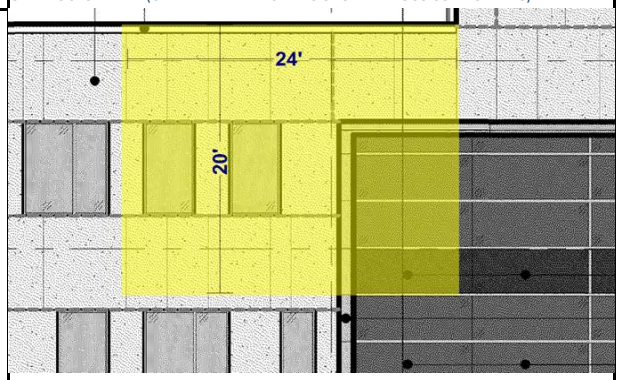
| **Architect:** | **Owner:** | **Bid Project Status:** |
|---|---|---|
| | | Open to Bid |

**Clarification Description: Clarification for Precast Proposers 11-17-15 is posted in Smartbid.net under General Documents/Clarification and RFI Responses folder. All precast fabrication and precast erector proposers are to include scope as required and acknowledge receipt in their proposals. Clarification includes answers to proposer questions, add alternate for re-mobilization at man/material hoist location and add allternate for site mockup wall.**
**Note: Issuance of this clarification does not extend the proposal date or time, which remains 2:00 PM CST, Thursday, November 19,2015.**

TELLEPSEN
Cornerstone of the Community

17-Nov-15

Ref: HCC Coleman –
**Precast Proposer Questions 1 thru 8**

| ITEM | DESCRIPTION | STATUS | RESPONSE |
|---|---|---|---|
| 1 | Will there be a Material Hoist Bay on this? If so, do we need an add to come back and erect those panels? | | YES BTWN COLUMNN LINE 7 & 8 ON WEST SIDE, We plan to have man/material hoist dismantle crane upsized to allow you to erect the top panels and lower panels after hoist removed, assuming two days for this. Provide an add cost to re-mobilize precast erection crew and deliver the panels. Assume precast panels for this location will be held at precast plant until needed. No room to leave a trailer on site. See sketch showing location below. |
| 2 | How do you plan on PRECAST being erected, By Elevation or Floor by Floor? | | With the schedule proposed we will be at say 7th floor pouring concrete, in two sequences, north half, south half, we had hoped you would be hanging panels below on an elevation, formworks will stick out about 3 to 5 feet, so you should be able to swing panels in to erect |
| 3 | Is there any perimeter netting we need to be aware of that needs to be coordinated with our precast install? If so, we do not typically get involved in the removal or reinstall of this netting. | | No netting is planned, typically will have steel safety cables thru columns and toe boards |
| 4 | At the stairway areas, all treads, risers, and landings need to be completely constructed in order for our erectors to safely work off of to erect the panels in this area. Is there any issue with this? | | Need to coordinate stair install and pouring treads and landings to meet your request here. Can you give us an add for scaffold if stairs are not in place? |
| 5 | Can we get a mix design on this? We drove by the site and took pictures, but our QC manager would like to make sure he is matching it exactly. | | Mix design not available. Qualify what your are quoting if need be, bottom line is match existing, usually a trial and error at 12"x12" then make'em bigger as you get it close to acceptance. Ultimately we will want to do a site mock-up wall (usually an add from you) say a top and bottom spandrel, and a few vertical fill-ins, so we can set windows in them. Mock-up panels would need to be erected by you on a steel frame by others. This wall will be on site and stay for reference till end of job. Demo and removal by others at end of job. See partial sketch showing possible mockup configuration, say 24 ft wide X 20 ft tall. Provide an add alternate for precast in this site mockup wall. |
| | MAN/MATERIAL HOIST LOCATION   | | SITE MOCKUP WALL (OVERALL 24 FT x 20 FT TO SHOW VARIOUS COMPONENTS)   |

**Tellepsen Builders, L.P.**

Ezra Wilson, Senior Estimator

Copy: Sam Hopkins, Guy Cooke, estimating file