



Board of County
Commissioners
Pete Gerken
President
Tina Skeldon Wozniak
Carol Contrada

Office of Support Services
Kelly Roberts
Director
Lynn DiPierro
Manager

Addendum #2 - Issued on October 23, 2012

Regarding Bids for **Engineer Road Maintenance Building Shell and Site Work (ITB 12-030P)** for Lucas County Engineer Road Maintenance, bid opening scheduled for October 26, 2012 at 2:00 P.M. (local time).

This document becomes a fully incorporated part of the specifications, and this letter constitutes legal notice of this requirement.

The entire original Bid Packet including this addendum must be submitted prior to the Bid Opening Date and Time.

Please see attached documentation:

- 12-030P - Addendum 02 - Question/Answer
- 12-030P - Addendum 02 - Revised Pricing Sheet
- 12-030P - Addendum 02 - Drawing and Spec Write-Up
- 12-030P - Addendum 02 - Drawing Update and Sketches
- 12-030P - Addendum 02 - Pre-Bid Meeting Sign-In Sheet

ADDENDUM NO. 02

Lucas County Road Maintenance Building
Bid Package #12-030P – Shell & Site Work Packages
Dated 10/23/2012

Bidders on the above bid package shall note and respond to the following:

1. Questions:

- a) (SHELL) Question: In the Instructions to the Bidders 11.2.1 states that the owner will buy the Builder's Risk Insurance but 11.5.1 states that the contractor is to buy the Builder's Risk Insurance. Please Clarify?

Answer: The Owner is to furnish the Builders Risk Insurance.

- b) (SHELL and SITE WORK) Question: In the Scope of Work 1.32 is states "this subcontractor shall provide all hangers, "unistrut", rods, raceways supports and secondary structural support steel per the project specifications, as required to meet the project specifications or as required by the equipment manufacturer including all peripheral materials necessary to support the items included in this scope of work from the building structural steel." Which contract is this for the shell or the site work?

Answer: This statement is located under the General Section of the Scope of Work. The General Section applies to All Packages. The statement above states that if your scope of work requires any hangers, "unistrut", rods, etc. it is that subcontractor's requirement to furnish and install any other pertinent items required for a complete installation or as required by the manufacturer. If your scope of work does not require (as per the construction documents or manufacturer's requirements) the items stated above then this statement does not apply.

- c) (SHELL) Question: In the Scope of Work 2.0 Shell Package it states that the Shell Package provides 072100 Thermal Insulation. Please clarify if the Thermal Insulation provided by this package is for the below grade rigid insulation at the concrete footings only or if the Shell Package is providing all the insulation for the building.

Answer: The Shell Package is responsible to furnish and install all rigid insulation below grade (Reference Item 2.1.10), rigid insulation between the 8" CMU wall and 4" CMU wall at the Wash Bay (Reference Item 2.2.15) and the Foam Insulation at the Wash Bay CMU Wall (Reference A4.11 Detail A6).

- d) (SHELL) Question: With the salt building now part of the shell package. Are there doors on it? Masonry? Windows? Etc.

Answer: No Doors, Masonry or Windows are included in the Salt Barn. The Salt Barn design is as per the drawings and specifications included in Addendum 01 and as noted in the Bid Package documents.

- e) (SITE WORK) Clarification: Section 3.1.5 (Site Work Package – Site Clearing Section) SWPPP clarifications.

Answer: The Site Work Subcontractor shall perform the mandated weekly SWPPP inspections and inspections after each precipitation event as required by SWPPP. The Site Work Subcontractor shall turn copies of the above stated inspections and all other required inspections for the SWPPP to the Owner and the Lathrop Company within 24 hours of the inspection.

- f) (SHELL) Question: Need Lintel Schedule.

Answer: Lintel schedule is included as a sketch with this addendum.

- g) (SHELL) Question: Need Trench Grating Specification.

Answer: Refer to clarification on written narrative from Architect for specification for all trench gratings.

- h) (SHELL) Question: Verify that all mezzanines are part of shell package.

Answer: Yes, all mezzanines are part of the Shell Package.

- i) (SHELL) Question: Need details for stairs and platforms in wash bay.

Answer: Stairs and platforms in Wash Bay design criteria as included in this addendum. Note that this fabrication is a delegated-design to comply with the criteria on the included sketches.

- j) (SHELL) Question: Verify that all channel jambs for OH Doors in exterior wall are by PEMB.

Answer: As per the Metal Building System Specification, the Pre-Engineered Metal Building System Subcontractor is to furnish the frame head and jamb of door openings.

- k) (SHELL) Question: OH Door 122A is in an interior wall. I believe this should be an 8" channel door frame with lintel for a 14' M.O. Verify details.

Answer: In reviewing the drawings, the Door Schedule indicates OH Door 122A to have an 8" steel channel door jamb. This addendum contains a sketch detailing the head condition and the steel beam and plate lintel size for the opening.

- l) (SHELL and SITE WORK) Question: We assume that there is no Misc. Steel in Site Package.

Answer: The Site Work Scope of Work does not include furnishing any misc. metal items, but the Site Work package does include installation only of some misc. metals items (example Pipe Bollards located in the site paving areas).

- m) (SHELL) Question: Sheet A1.01 – Highway Guardrail – Plan calls for posts to be 12'-6" on center. Detail A5 says posts are to be 8'0" on center. Verify

Answer: Detail A5 has been revised to required posts at 12'-6" on center.

- n) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.2, B calls for 20 psf windload which would require a factory certification. Is this required?

Answer: This is the required wind load by the 2011 Ohio Building Code and is the sectional doors must meet this requirement for this project.

- o) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.2, B, #4 calls for operability under windload. This is not possible with sectional doors. Please clarify.

Answer: This requirement has been deleted.

- p) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.2, D. calls for seismic performance. This is not available. Please clarify.

Answer: This requirement has been deleted.

- q) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.6, A, #3 calls for slotted vertical track for door-drop safety device. The basis of design model from Overhead Door Corp. is the only listed manufacturer that offers this option. Should this be omitted or is this required? If not required are the cable safety devices found under section 2.8, D required?

Answer: This section has been revised to delete the reference to slotted vertical track for door-drop safety device. Refer to the Architectural Narrative for more information.

- r) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.9, D, #1 calls for polyphase motor which means multiple phases, typically 3 phase. Please verify.

Answer: This has been clarified to a 3-phase electric motor.

- s) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.9, D, #2 calls for 115 or 208V. Overhead Door makes an operator that can accommodate 115, 208, or 230 single phase only all off the same board. Is this what is required or is this because the electrical is unknown at this time and it may be either 115 or 208?

Answer: This has been clarified to 208 V.

- t) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.9, G, deals with control stations, however, since there are no electrical drawings available can you clarify how many stations are required and if they are interior or exterior units?

Answer: Control station locations have been added to sheet A1.01.

- u) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.9, K calls for audible and visual signals. Again without electrical drawings for reference can you please clarify if these are required and if so how many?

Answer: This requirement has been deleted.

- v) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.9, L calls for remote controls with sustained pressure close which is not available. Momentary contact ok?

Answer: Remote controls will not be required for any overhead door. This requirement has been deleted.

- w) (SHELL) Question: Specification 083613 (Sectional Doors) – Section 2.9, L does not make reference to how many remote controls are required, nor how many functions (how many different doors that each remote can operate) can you please clarify?

Answer: This requirement has been deleted. No remote controls are required.

- x) (SHELL) Question: (Salt Barn) What is the required spacing of the concrete wall construction joints?

Answer: Refer to attached sketch for required construction joint spacing.

- y) (SHELL) Question: (Salt Barn) Note #13 on Sheet F1.04 calls for a salt resistant cutting compound. Is this just for the slab or do the walls to receive this also? If so, both sides or just the inside?

Answer: Salt resistant sealer is required on all interior concrete surfaces of the salt barn. The sealer is specified and the responsibility of the General Trades package to be issued later.

- z) (SHELL) Question: (Salt Barn) Note #6 on sheet F1.04 calls for maximum control joint spacing of 25' o/c but the plan view appears to show spacing at 15' to 16' o/c. Which is correct?

Answer: The general note was for any locations not shown. The spacing shown on the drawings is correct and should be followed.

- aa) (SHELL) Question: (Maintenance Building) Note #6 on Sheet F1.01 calls for maximum control joint spacing of 25' o/c but the plan view appears to show spacing at 12' to 16' o/c. Which is correct?

Answer: The general note was for any locations not shown. The spacing shown on the drawings is correct and should be followed.

- bb) (SHELL) Question: (Maintenance Building) Regarding the mandatory shell alternate, Detail 3/F1.03A and 4/F1.03A show "earth-formed" grade beams. Please clarify which foundations are required to be formed under the mandatory shell Alternate and which can be earth-formed.

Answer: All Base Bid Footings, Piers (except the top portion of the piers), Grade Beams shall be considered Earth-Formed. The Mandatory Alternate Foundations shall be all Formed foundations.

- cc) (SITE WORK) Question: On sheet S02 the Road Extension detail appears to show an 18" undercut and replacement, however, this section is noted as 304 aggregate. Please clarify if this section is to have 24" of 304 (i.e. the 18" and 6" as shown) or 6" of 304 and 18" of re-compacted material.

Answer: The typical section shows 18" of 304, below the 6" 304 and asphalt layers. This is required of the road extension pavement.

- dd) (SITE WORK) Question: In the area where the underground fuel tanks are to be installed will the fueling system contractor bring the tank backfill material up to the top of subgrade (i.e. no additional fill will be needed except for the specified subbase).

Answer: The Fueling Station Subcontractor will be responsible to bring the backfill material back to the original grade conditions.

- ee) (SITE WORK) Question: On sheet S08 the description for item 204, Subgrade Compaction, as per plan states the following three quantities.
- 350 CY Excavation of Subgrade, APP
 - 350 CY Granular Material, Type D
 - 1000 SY Geogrid

It is our understanding that these quantities (and associated pricing) are not to be included in the bid, please confirm.

Answer: Confirmed, Reference the Revised Pricing Sheet with added Mandatory Alternate Unit Pricing.

- ff) (SITE WORK) Question: The scope of work for site work lists parking blocks. The plan does not show any parking blocks. Are they required?

Answer: No

- gg) (SITE WORK) Question: The schedule shows site lighting in the site package. This is not shown on the drawings or listed in the scope. Is lighting to be included? If so is there a lighting plan.

Answer: No, Site Lighting is not included in the Site Work Package.

- hh) (SITE WORK) Question: Is an internal drop for the sanitary connection at Sta 33+00.86 allowed?

Answer: No

- ii) (SITE WORK) Question: Is the 3/4" service shown on sheet S07 part of the site package? Is there a detail or description of the limits of this work?

Answer: Yes Provide 3/4" service from within 2 foot of building where shown to the edge of the concrete pad, mark ends. The building plumbing contractor will hook to interior shutoff valve, the end at concrete pad will be extended for use when facilities at pad are placed.

- jj) (SITE WORK) Question: Is the 18" undercut shown on the roadway extension detail on sheet S02 to be included in the base bid or will this be handled by allowance if required?

Answer: Include in Base Bid Proposal.

- kk) (SHELL) Question: Drawing F1.03 – Base Bid – Section 1 calls for 2 #5 – Top and Bottom with #5 dowels at 24" o/c – section 3 on this sheet calls for 3 #5 top and bottom with #5 at 48" o/c. Clarify which detail to use for the grade beam.

Answer: Section 3 is correct and should be used for the grade wall information.

- ll) (SHELL) Question: Drawing F1.01 calls for WWG 16 x 16 x D8.0 x D8.0 – mesh not available. We are assuming that this is a typo. This should read 6 x 6 – x D8.0 x D8.0. Supplier would like to use 6 x 6 – 7.5 x 7.5 – Please confirm.

Answer: This is a deformed bar mesh basically equivalent to #3's @ 16" c/c. Mesh has been used in the past and should be available. Any deformed bar mesh that meets this requirement is acceptable.

mm) (SHELL) Question: After the prebid meeting, I am under the assumption that the base bid foundations are to be figured as banked poured with approximately 10% waste. The alternate foundations are to be figured all formed as shown on the alternate drawings. Please confirm. Also please confirm that the trench footing for the alternate is to be formed as discussed at the pre-bid meeting not per the section 3 and 4 / F101 as shown on the drawings or 3 and 4 / F101A which only shows the top 8" being formed.

Answer: All Base Bid Footings, Piers (except the top portion of the piers), Grade Beams shall be considered Earth-Formed. The Mandatory Alternate Foundations shall be all Formed foundations.

nn) (SHELL and SITE WORK) Question: I would like to have a copy of the sign-in sheet for the mandatory pre-bid meeting held yesterday for the above project sent to me.

Answer: Reference the attached Sign-In Sheet for your information.

oo) (SHELL and SITE WORK) Question: Scope of Work Specification Scope of Work – Shell Package (Masonry) 2.2.2 states "The dumpster required for the wet trades scope of work shall be provided by the Mason for the duration of the project. Coordination for the dumpster location and maintenance / dumping requirements is a project requirement and included in this scope of work." Please explain which trades are 'wet trades' and which contractors besides the shell contractor will be using this dumpster. Will this dumpster need to be provided after the shell contract has left the site (4/15/2013)?

Answer: Wet Trades consist of concrete subcontractors (site or building) and masonry contractors. The site work subcontractor will have wet trades that will need to utilize the Mason's wet trades dumpster. Reference the project schedule for required duration of the wet trade dumpster.

pp) (SHELL) Question: Is there a window on the 9' wall in vestibule 101? If so please provide details.

Answer: The entrance door 101 and adjacent storefront was intended to be a single unit and the vestibule associated with 101A as storefront framing, also. This has been revised to reflect construction intended. See attached written narrative and re-issued sheet A1.01.

qq) (SHELL) Question: Currently the door hardware schedule shows an Automatic Door Operator at door 101 but not 101A is this correct?

Answer: Door Hardware Set No. 013 has been revised. See written narrative provided by Architect for revised hardware set information.

rr) (SHELL) Question: In the Washbay 123 there appears to be 2 platforms with stairs. Details on drawing E4/401 says this is precast plank, while A1.02 seems to be some type of grating. Please clarify. We will also need the columns that are needed any any footings that go underneath them, stairs details and details on the platform and connection to the walls/columns.

Answer: Refer to answer given to question "i" above. Section E4/401 has been revised to correctly reflect the materials for the wash bay platform.

ss) (SHELL) Question: Is the Metal Pan Stair part of the Shell Package? This specification is not listed in addendum 1 table of contents. Also, who is responsible to fill the Pan stairs with concrete?

Answer: Yes, The metal Pan Stairs are part of the Shell Package to furnish and install. Yes, the Shell Subcontractor is responsible to furnish and install the concrete for the Metal Pan Stair.

tt) (SHELL) Question: Are there windows at the top of the wall on column line 4 of the Garage 121 between column lines A and E? Are these by the shell contractor? Which specification are the exterior windows in? What details do we use for the interior and exterior windows?

Answer: There are windows as indicated on sheet A3.01 Exterior Elevations. These are the responsibility of the Pre-engineered Metal Building contractor and ARE NOT included under the Shell Contractor's responsibilities.

uu) (SHELL) Question: Door 110B on Drawing A1.11 says ADA on it but the hardware schedule does not call for an Automatic Door Operator. Please Clarify.

Answer: Automatic Door Operator has been added to the hardware set 005 for Door110B. See written narrative for additional information.

vv) (SITE WORK and SHELL) Question: The schedule provides 24 calendar days between the start of the site work on December 7th and the start of foundations on December 31st. If the Site Contractor's start date is delayed for weather or other reasons beyond the control of the site contractor, will this 24-day period be maintained?

Answer: The schedule is based on weather conditions within 20% of the average weather conditions (for past 5 years) for the Holland, Ohio area based on the national weather service. Conditions that exceed the above stated conditions may be considered for schedule adjustments to accommodate these out of the norm conditions. If the weather conditions will be is within the above stated conditions, it is assumed that the site contractor has included the appropriate man hours to meet the construction schedule. This logic applies to ALL scopes of work. The contract documents will be followed for any potential extension of time (Reference General Conditions Article 8.3 of the Bid Documents).

ww) (SITE WORK and SHELL) Question: Is the building slab going to be graded to 6" below finish floor elevation of 636.0' or is the site contractor going to grade the slab to slope to the trench drain and catch basins elevation found on sheet F1.01?

Answer: The Site Work Subcontractor shall provide a level Stone Building Pad to the elevation of 99'6 (based on 100'0 being finished floor elevation) for all rooms of the Maintenance Building. The Shell Subcontractor shall provide the balance of the required stone base to provide the slab on grade slopes as per the drawings. The Shell Subcontractor shall provide necessary additional compaction of the stone base as per the drawings and specifications.

xx) (SITE WORK and SHELL) Question: Is the tolerance of the stone base course for the building pads the standard +/- 1"?

Answer: Yes, Net Average for the building pad shall meet the +/- 1" tolerance.

yy) (SITE WORK) Question: The Site Contractor is to provide the stone building pads by late December. The slabs are scheduled to be poured in March. Scope of Work item 3.2.5 provides for proof rolling of the building pads prior to SOG pours. Can the site contractor proof roll the stone pads immediately after their installation and turn the pads over to the shell contractor?

Answer: The Site Contractor shall proof roll the subgrade prior to stone placement and stone pads immediately after installation. The Site Contractor shall proof roll the subgrade and stone base to the satisfaction of the testing agency. The building pad will be turned over to the Shell Subcontractor after this point in time.

zz) (SITE WORK) Question: Geoblock 5150 has different design and construction options for different applications. What material and thickness do you want for the engineered base? Will any geotextile separator be required?

Answer: Design for Heavy fire truck & H2O loading, CBR >4, engineered material meeting manufactures requirements, no geotextile separator.

aaa) (SITE WORK) Clarification: Site Drawing Clarification.

Answer: we have changed the C2 sheet number to C3 on the note "vent pipe & push button support assembly, see FS C1 & C2" that exists on most of the site plan sheets

bbb) (SITE WORK & SHELL) Clarification: Below is the revised Estimated Budget for both packages.

<i>Revised Shell Package Estimate:</i>	<i>\$1,284,336</i>
<i>Site Work Package Estimate:</i>	<i>No Change from Addendum #1</i>

2. Due Date:

a) No change to the Original Bid Package Due Date

3. Attachments Included in Addendum:

- a) BP-02 – Revised Pricing Sheet – 10-23-2012
- b) BP-02 – Drawing and Spec Write-up
- c) BP-02 – Drawing Update and Sketches – C-007
- d) BP-02 – Pre-Bid Meeting Sign In Sheet - 10-18-2012

All other terms and conditions of to the original bid package remain in effect. Please sign and submit this addendum with the Pricing Sheet on the Bid Package Due Date.

ACCEPTED BY:

Name of Contractor:

By (Signature):

Date

PRICING SHEET

Lucas County Road Maintenance Building

Company Name _____

Street Address _____

City, State, Zip _____

Mailing Address _____
(If Different)

Contact Name _____

Phone No. _____

Fax No. _____

Email Address _____

DUE: October 26, 2012 @ 2:00 PM LOCAL TIME

TO: Lucas County Commissioners
One Government Center, Suite 480
Toledo OH 43604-2259

We, the undersigned, having carefully examined the Bid Documents agree to perform all work required by these documents heretofore submitted to bidder, as modified by any addenda listed herein.

1.0 **BASE BID**

Provide all necessary labor, material, supervision, taxes, insurance, cartage, storage, temporary protection, tools, equipment, layout, field engineering, and all things necessary or incidental to furnish, deliver and install complete in every detail the Work as defined by the drawings and specifications for the lump sum price of:

BID ITEM:

1.1 Lucas County Road Maintenance Building – Shell Package:

Base Bid Amount: _____

_____ Dollars \$: _____

1.2 Lucas County Road Maintenance Building – Site Work Package:

Base Bid Amount: _____

_____ Dollars \$: _____

Cubic Yards of Berm Mix in Base Bid: _____ CY

1.3 **COMBINED BID** – Lucas County Road Maintenance Building – Site Work and Shell Packages:

Base Bid Amount: _____

_____ Dollars \$: _____

Cubic Yards of Berm Mix in Base Bid: _____ CY

2.0 **MANDATORY ALTERNATES**

2.1 Shell Package – Formed Foundations - Furnish an Alternate Price to form the Foundations in lieu of earth-formed foundations as described in the base bid. The Drawings included in this Bid Package includes both the Base Bid Design of earth-formed foundations and the alternate design of formed foundations (Reference Title Blocks).

2.1 Alternate Bid Amount: _____

_____ Dollars \$: _____

2.2 Site Work Package – 304 Stone - Furnish a Unit Price to add 304 stone compacted in place per cubic yard.

2.1 Alternate Bid Amount: _____

_____ Dollars \$: _____ per CY (Add)

2.3 Site Work Package – Onsite Material - Furnish a Unit Price to excavate and haul offsite existing material onsite per cubic yard.

2.1 Alternate Bid Amount: _____

_____ Dollars \$: _____ per CY (Add)

2.4 Site Work Package – Berm Mix Add - Furnish a Unit Price to add Berm Mix compacted in place per cubic yard.

2.1 Alternate Bid Amount: _____

_____ Dollars \$: _____ per CY (Add)

2.5 Site Work Package – Berm Mix Deduct - Furnish a Unit Price to Deduct Berm Mix compacted in place per cubic yard.

2.1 Alternate Bid Amount: _____
_____ Dollars \$: _____ per CY (Deduct)

3.0 CONTRACTOR'S FEE

After the signing of the contracts for the work included for this project, in the event it becomes necessary to authorize changes to the Scope of Work included in the Base Bid, the following "fees" shall apply.

- a. For additional work performed by your own forces, a fee of eight percent (8) of the approved cost of the work.
- b. For additional work performed by Subcontractors, a fee of five percent (5) of Subcontractor's approved cost of the work.

The "fee" stated above shall be the total amount to be added to the "approved cost" of the extra work and shall include "Profit and Overhead".

Cost shall be limited to the following: Cost of materials, including applicable tax and cost of delivery, cost of labor and applicable fringe benefits including Social Security, and Unemployment Insurance (labor cost may include a pro rata share of foreman's time; Workmen's Compensation and other applicable insurance); rental value of power tools and equipment.

Profit and Overhead shall include the following: travel, supervision, wages of timekeepers, watchmen and clerks, small tools, incidentals, general office expense and all other expenses not included in "Cost". The cost as used herein shall include all items of labor, materials, and equipment.

Fee shall include all profit and overhead and shall include the following: Travel other than required by Labor Agreement for trades directly involved in the work, supervision, wages of timekeepers, field engineers and clerks, small tools, incidentals, general field and main office expense and all other expenses not included in "Cost".

4.0 ADDENDA

In the event that addenda have been received during the bidding period covering changes to the bid documents, the undersigned bidder subscribes to the following statement:

The work described in the following addenda is included in this proposal:

Addendum No. _____, Dated _____ Addendum No. _____, Dated _____
Addendum No. _____, Dated _____ Addendum No. _____, Dated _____

5.0 TIME OF COMPLETION

The undersigned bidder agrees to complete the work in accordance with the project schedule, as outlined in the Bid Documents.

6.0 REJECTION OF BIDS

The undersigned bidder acknowledges that the Owner reserves the right to reject any or all proposals and to award the work to other than the low bidder.

All bids will be opened publicly.

7.0 SITE INSPECTION

The undersigned bidder acknowledges that bidder has been afforded the opportunity to inspect the jobsite to arrive at a clear understanding of the conditions under which the work is to be done; to compare the site with the drawings and specifications; to satisfy bidder as to the condition of the premises; existing obstructions; condition, location, and size and configuration of buildings and areas allocated for construction purposes; location and availability of roads; location and availability of utilities, including the electrical characteristics of the available power; proximity and nature of Owner's existing operations; and any other conditions affecting the performance of the work.

No allowances or extra consideration on behalf of the undersigned bidder will be allowed by Owner by reason of additional costs, damages or other difficulties incurred by the undersigned bidder that could have been avoided had an adequate site inspection been undertaken by him.

8.0 EEO AND MBE

The undersigned bidder agrees to comply with all applicable local, state, and federal EEO and MBE goals and additional goals as set forth in the bid documents. See attached MBE Affidavit of Compliance and Bidder MBE Utilization Forms.

9.0 PRICE GUARANTEE

The undersigned bidder agrees that this proposal will remain firm for a period of not less than sixty (60) days and a maximum of _____ days.

10.0 LEGAL STATUS AND SIGNATURE OF BIDDER

Check one of the following:

- a. Bidder is an individual _____.
- b. Bidder is a corporation _____.
- c. Bidder is a partnership _____.

- 1) If Corporation -
State of Corporation _____

States in which qualified to do business -

- 2) If partnership, list names of all partners.

Name of Contractor

By (Signature)

Title

Address of Bidder

October 23, 2012

ADDENDUM NO. 002

To the Drawings and Specifications for:

Lucas County Road Maintenance Building Shell Package

106049

Lucas County Board of Commissioners

Prepared By:

THE COLLABORATIVE INC
Architects
Landscape Architects
Interior Designers
500 Madison Avenue
Toledo, Ohio 43604
Telephone: (419) 242-7405
Fax: (419) 242-7400

TO ALL BIDDERS:

This addendum supplements and amends the original drawings and specifications, and shall be taken into account in preparing proposals, and shall become a part of the contract documents. Receipt of this Addendum must be acknowledged in the Bid Form.

GENERAL

Questions:

1. Refer to attached list of contractor questions and the answers to those questions.

Clarifications

1. All trench drain grating for this project shall be McNichols 1 ½"x3/16" GW-150, hot dipped galvanized or equivalent.
2. All exterior wall sections should indicate a single (1) vertical #5 bar spaced 48-inches on center. Refer to structural drawings for additional information.

Specifications

Section 08 3613 SECTIONAL DOORS (Not Re-Issued)

- Item #1 Article 2.2, Paragraph B, Item 4: Delete this item in its entirety.
- Item #2 Article 2.2, Paragraph D: Delete this paragraph in its entirety.
- Item #3 Article 2.3, Paragraph A, Item 1: Delete words "Basis-of-Design Product: "Thermacore® 529" as manufactured by Overhead Door Corporation" and replace with the following:
"Basis-of-Design Product: "**Thermacore® 592**" as manufactured by Overhead Door Corporation."
- Item #4 Article 2.3, Paragraph D: Add ", minimum" at the end of the paragraph.
- Item #5 Article 2.3, Paragraph F: Add ", unless noted otherwise" to the end of the paragraph.
- Item #6 Article 2.6, Paragraph A, Item B: Delete words "Slot vertical sections of track spaced 2 inches (51 mm) apart for door-drop safety device." at end of paragraph.
- Item #7 Article 2.9, Paragraph D, Item 1A: Delete word "polyphase" and replace with "3-phase".
- Item #8 Article 2.9, Paragraph D, Item 1B: Delete words "115 or 208 V" and replace with "208 V".
- Item #9 Article 2.9, Paragraph K: Delete this paragraph in its entirety.
- Item #10 Article 2.9, Paragraph L: Delete this paragraph and subsections in its entirety.

Section 08 7000 DOOR HARDWARE (Not Re-Issued)

- Item #1 Revise Hardware Set No. 005 to read as follows:

HARDWARE SET NO. 005
DOOR NUMBERS: 107, 108A, 110A, 110B

3 ea Butts BB1168 4 ½ x 4 ½ - 26D
1 Lockset L9010xLx03Lx626
1 Closer 4041xPA – Alum (Excluding Door 110B)
1 Automatic Door Operator 9142 with Full Cover (Door 110B only)
1 Kickplate K1050 10 x 2" L.D.W. x B4E – 626
3 Silencers GJ64
1 Stop WS401CVX – US26D

- Item #2 Revise Hardware Set No. 013 to read as follows:

HARDWARE SET NO. 013

ADDENDUM NO. 002
Lucas County Road Maintenance Building
Lucas County Board of Commissioners

BID PACKAGE 002
Shell Package

DOOR NUMBERS: 101A

4 ea Butts BB1199 5 x 4 ½ - 26D

1 Automatic Door Operator 9142 with Full Cover

1 Closer 4041xPA – Alum

Balance of door hardware and seals by door manufacturer.

Drawings

Structural Drawings

Sketch SKF-01 “LINTEL SCHED. & WALL CONTROL JT.” – New Issue

Item #1 Typical masonry lintel schedule for sized openings indicated.

Item #2 Typical control joint detail for salt barn wall construction.

Sketch SKF-02 “LIFT PIT PLAN” – New Issue

Item #1 Plan layout for recessed pit in room Repair 115 for vehicle lift equipment.

Sketch SKF-03 “LIFT PIT SECTIONS” – New Issue

Item #1 Section details for the recessed vehicle lift equipment pit.

Sketch SKF-04 “LIFT PIT SECTIONS” – New Issue

Item #1 Section details for the recessed vehicle lift equipment pit.

Sketch SKF-05 “SALT BUILDING PLAN” – New Issue

Item #1 Salt Building plan indicating locations of wall control joints.

Architectural Drawings

Drawing A1.01 “First Floor Plan” – Re-Issued

Item #1 Added floor recess for vehicle lift equipment in Repair 115.

Item #2 Deleted hollow metal door 115E.

Item #3 Added insulated overhead door 115E.

Item #4 Reduced width of metal pan stair in Repair 115.

Item #5 Revised entrance, storefront framing and vestibule framing associated with doors 101 and 101A.

Item #6 Added accessible push pad locations to doors 101, 101A, 110 and 110B.

Drawing A1.02 “Mezzanine Floor Plan” – Re-Issued

Item #1 Reduced width of metal pan stair in Repair 115.

Drawing A2.01 “Door Schedules” – Re-Issued

Item #1 Revised jamb detail “J2” bollard dimensions to agree with structural drawings.

Item #2 Added head detail “H-1” to drawing related to interior OH door 122A.

Item #3 Revised information related to door 115E; changed to OH sectional door.

Item #4 Added layout and information for delegated-design Wash Bay walkway platforms including design load criteria.

Drawing A3.01 “Exterior Elevations” – Re-Issued

Item #1 Deleted viewing ports (glazing) from all overhead door elevations.

Item #2 Revised aluminum storefront framing at Door 101 on West Elevation.

Drawing A4.11 "Wall Sections" – Re-Issued

Item #1 Corrected wash bay platform material references on Section E4.

(04 written pages, 10 Drawings or Sketches Re-Issued or Newly Issued, and 00 Specification Sections Issued or Re-Issued)

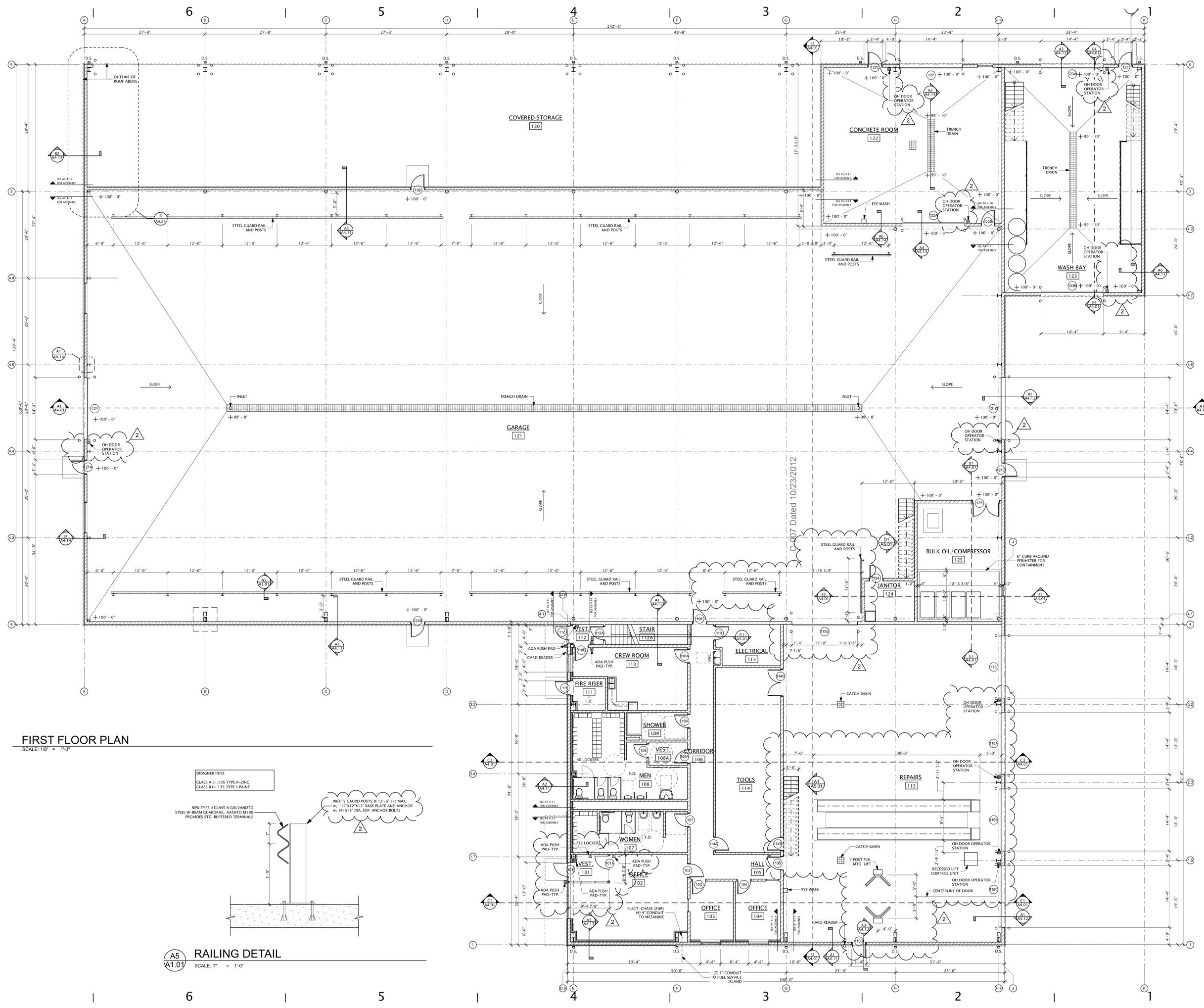
10.23.2012	ADD - 002
10.11.2012	ADD - 001
09.28.2012	BIDDING
BID PACKAGE:	
SHELL PACKAGE	

CHECKED ARB
 APPROVED AB

TCI JOB NO. 106049

SHEET TITLE
First Floor Plan

SHEET NO.
A1.01



FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

DESIGNER INFO:
 CLASS A 1-105 TYPE II-ZINC
 CLASS B 1-135 TYPE I-PAINT

NEW TYPE II CLASS A GALVANIZED
 STEEL W-BEAM GUARDRAIL, AASHTO M 183
 PROVIDES STD. BUFFERED TERMINALS

WEX15 GUARD POSTS @ 12'-6" C/C MAX.
 W/ 1/2"x1 27"x12" BASE PLATE AND ANCHOR
 W/ (4) 3/8" DIA. EXP. ANCHOR BOLTS

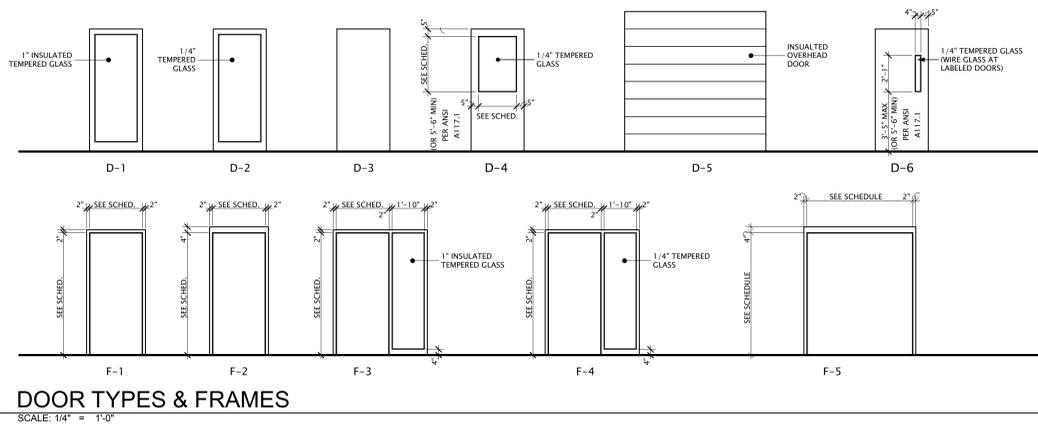
A5 RAILING DETAIL
 A1.01 SCALE: 1" = 1'-0"

C-007 Dated 10/23/2012

E
D
C
B
A

10/23/2012

E



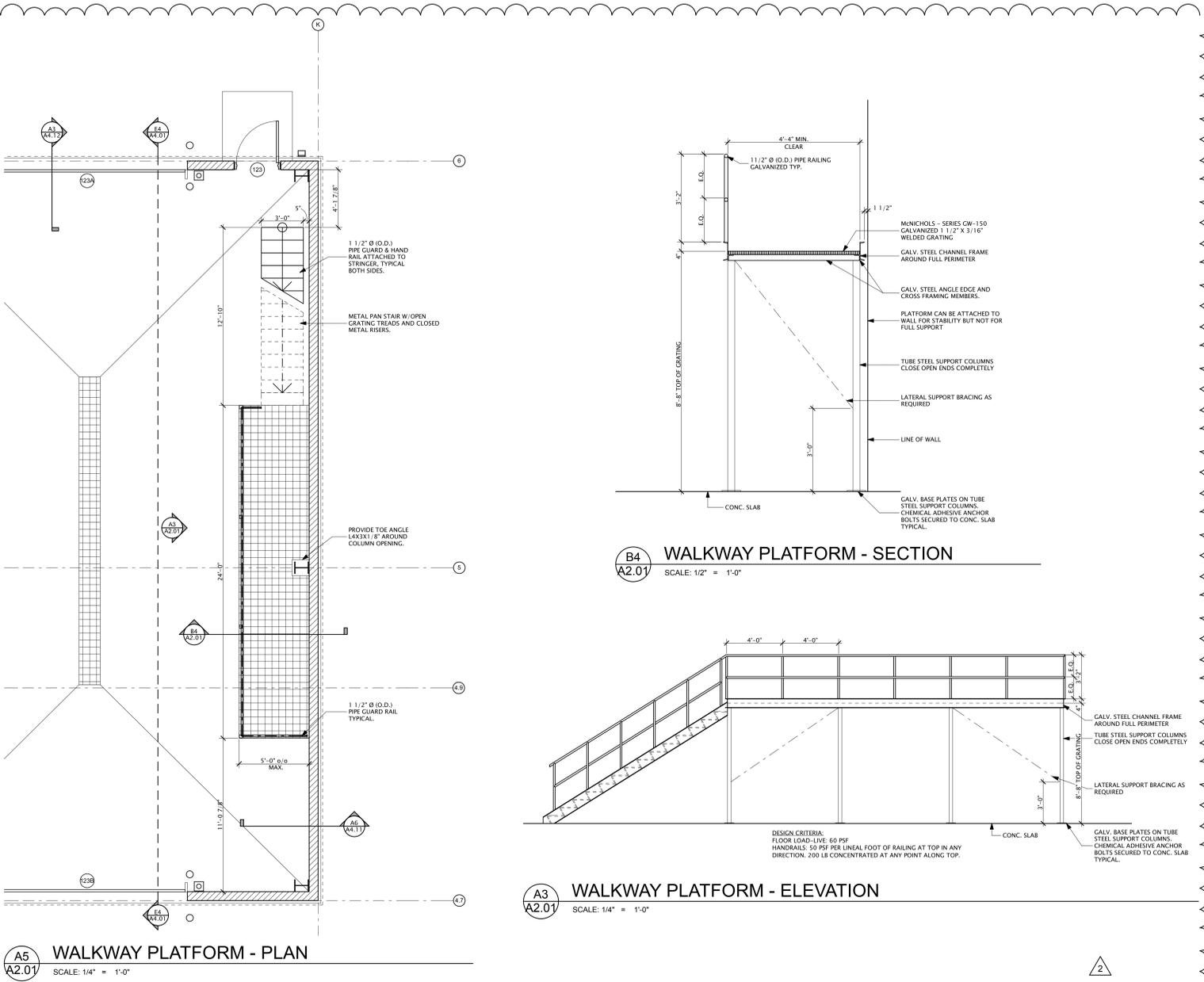
No.	SIZE		Door			FRAME				HWD SET	FIRE RATING	REMARKS
	W	HT	EL	MATL	FN	EL	H	J	MATL			
101	3'-0"	7'-0"	D-1	ALUM		F-2	J-4	ALUM		011		
101A	3'-0"	7'-0"	D-1	ALUM		F-2	J-4	ALUM		013		
102	3'-0"	7'-0"	D-6	HM	PT	F-2	J-1	HM	PT	004		
103	3'-0"	7'-0"	D-3	HM	PT	F-2	J-3	HM	PT	001		
104	3'-0"	7'-0"	D-3	HM	PT	F-2	J-3	HM	PT	001		
105	3'-0"	7'-0"	D-4	HM	PT	F-2	J-1	HM	PT	004		
106	3'-0"	7'-0"	D-6	HM	PT	F-2	J-1	HM	PT	004		
107	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	005		
108	3'-0"	7'-0"	D-3	HM	PT	F-2	J-3	HM	PT	012		
108A	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	005		
109	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	006		
110A	3'-0"	7'-0"	D-4	HM	PT	F-2	J-1	HM	PT	005		
110B	3'-0"	7'-0"	D-4	HM	PT	F-2	J-1	HM	PT	005		
111	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	008		
112	3'-0"	7'-0"	D-1	ALUM		F-2	J-4	ALUM		009		
112A	3'-0"	7'-0"	D-3	HM	PT	F-2	J-3	HM	PT	002		
113	3'-0"	7'-0"	D-3	HM	PT	F-2	J-3	HM	PT	003		
114A	3'-0"	7'-0"	D-3	HM	PT	F-2	J-3	HM	PT	002		
114B	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	002		
114C	6'-0"	7'-0"	D-3	HM	PT	F-3	J-1	HM	PT	007		
115	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
115A	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
115B	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
115C	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
115D	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	010		
115E	15'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
121	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
121A	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	008		
121B	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	008		
121C	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
121D	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	008		
122	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
122A	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
122B	3'-0"	7'-0"	D-6	HM	PT	F-2	J-1	HM	PT	004		
122C	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	008		
123	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	008		
123A	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
123B	14'-0"	14'-0"	-	-	-	D-5	J-2	MTL	PT			INSULATED OVERHEAD DOOR
124	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	003		
125	6'-0"	7'-0"	D-3	HM	PT	F-5	J-1	HM	PT	007		
130	3'-0"	7'-0"	D-3	HM	PT	F-2	J-1	HM	PT	008		
201	3'-0"	7'-0"	D-3	HM	PT	F-2	J-3	HM	PT	002		
203A	3'-0"	7'-0"	D-3	HM	PT	F-2	J-3	HM	PT	002		
203B	3'-0"	7'-0"	D-3	HM	PT	F-2	J-3	HM	PT	002		

D

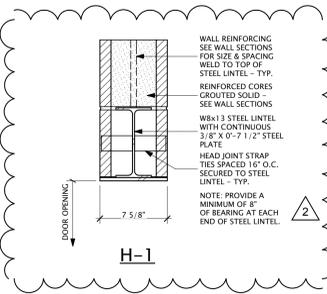
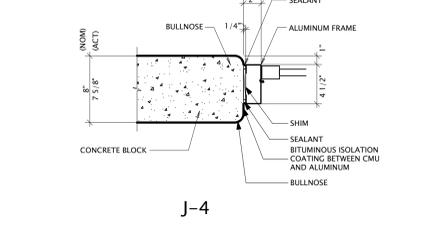
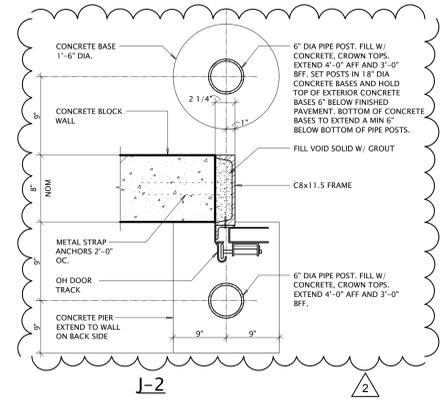
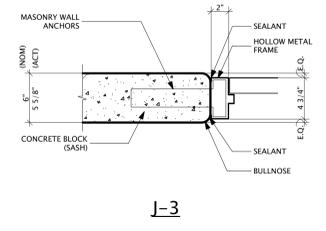
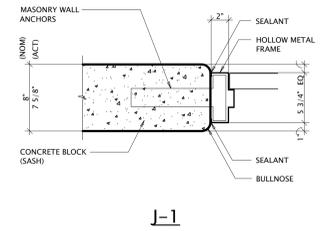
C

B

A



C-007 Dated 10/23/2012



500 Madison Ave
Toloso, OH 43004
419.242.7405 tel
419.242.7400 fax
www.thecollaborativeinc.com
tc@thecollaborativeinc.com

the COLLABORATIVE inc

ARCHITECTS
LANDSCAPE ARCHITECTS
INTERIOR DESIGNERS
PLANNERS

PROJECT TITLE
Lucas County Road Maintenance Building
1049 S. McCord Rd.
Holland, Ohio

Prepared for the
Lucas Co. Board of Commissioners

10.23.2012 ADD - 002
10.11.2012 ADD - 001
09.28.2012 BIDDING

BID PACKAGE:
SHELL PACKAGE

CHECKED ARB
APPROVED AB

TCI JOB NO. 106049

SHEET TITLE
Door Schedules

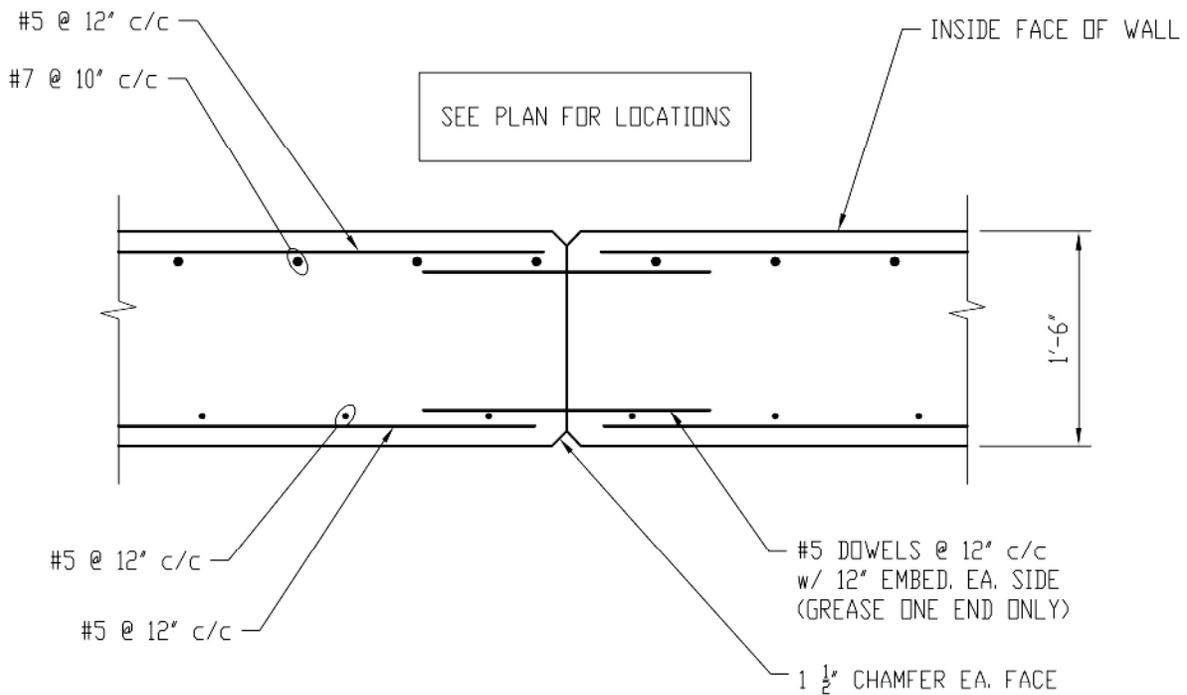
SHEET NO.
A2.01

DELEGATED - DESIGN WALKWAY PLATFORM: TYPICAL OF TWO

TYPICAL MASONRY LINTEL SCHEDULE		
MASONRY OPENING	ANGLE SIZE	BEARING EACH END
4'-0" OR LESS	L3 1/2x3 1/2x5/16	4"
4'-0" TO 6'-0"	L4x3 1/2x5/16	6"
6'-0" TO 8'-0"	L5x3 1/2x5/16	8"

NOTES:

1. ALL LINTELS SHALL HAVE A MINIMUM END BEARING OF 1" FOR EACH FOOT OF OPENING WIDTH.
2. LINTELS SHALL CONSIST OF A SINGLE ANGLE WITH A 3 1/2" LEG HORIZONTAL FOR EACH FOUR INCHES OF WALL THICKNESS U.N.D. PLACE EVERY TWO ANGLES BACK TO BACK AND WELD TOGETHER.
3. ALL EXTERIOR LINTELS SHALL BE GALVANIZED.



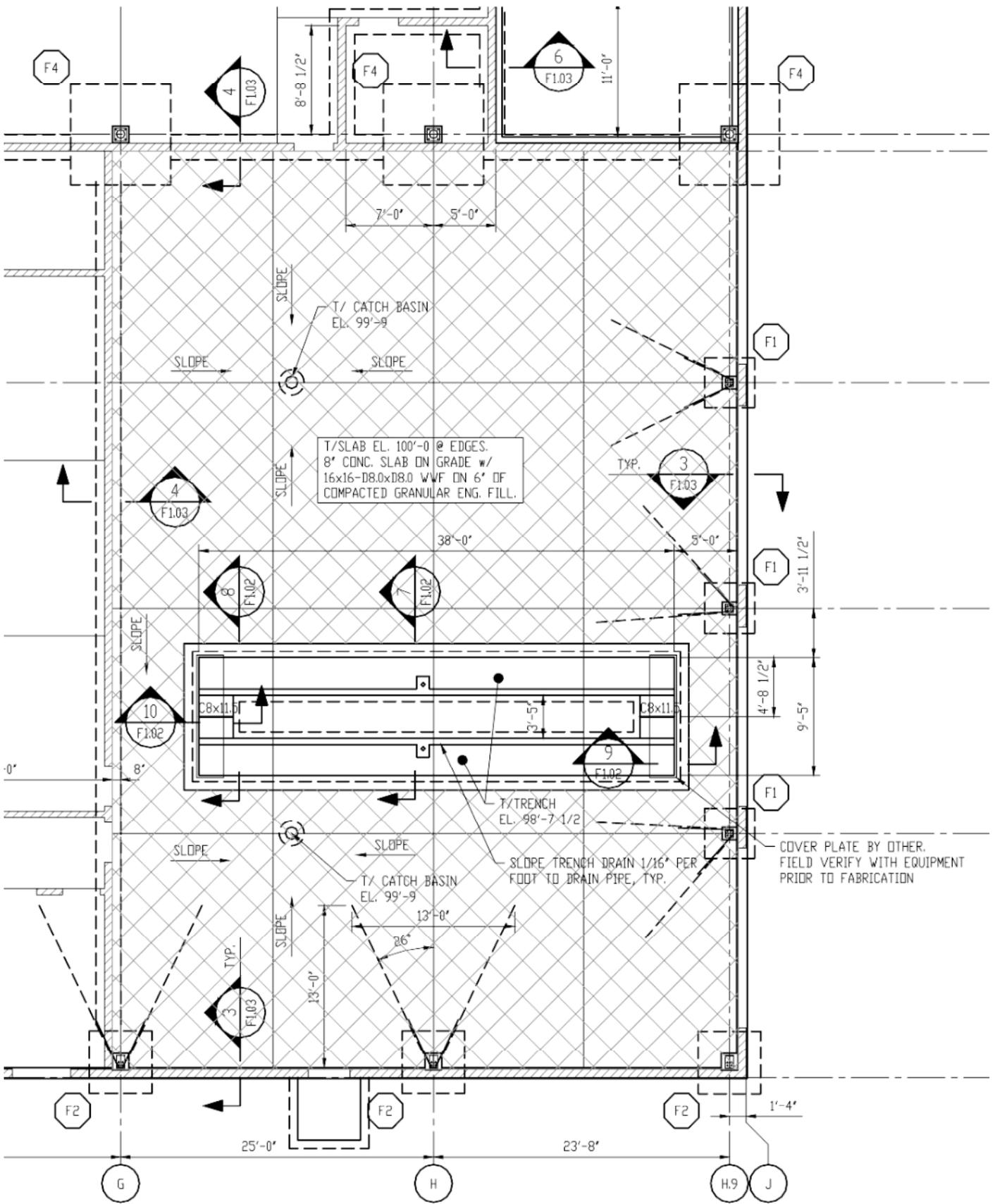
TYPICAL CONTROL JOINT DETAIL

SCALE: 3/4" = 1'-0"

Printed 10/22/2012

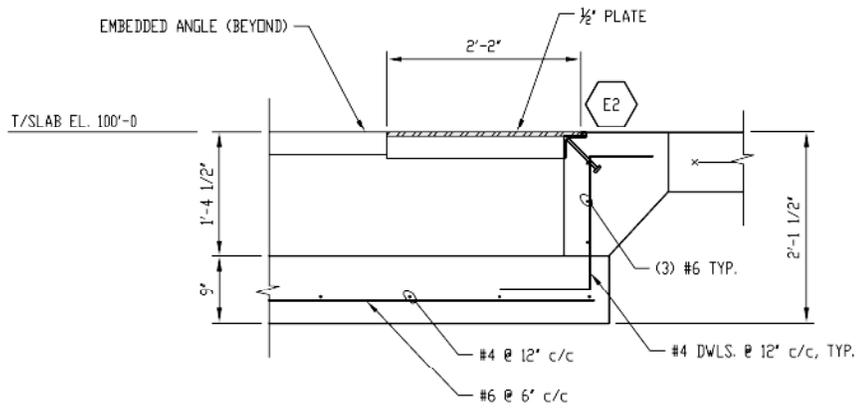
<p>SHEET NO. SKF-01</p>	<p>SHEET TITLE LINTEL SCHED. & WALL CONTROL JT.</p>	<p>PROJECT TITLE Lucas Co Engineer Shell Pkg - Add 002</p>	 <p>the COLLABORATIVE inc</p> <p>300 Madison Ave Toledo, OH 43604 419.242.7405 tel 419.242.7400 fax www.thecollaborativeinc.com to@thecollaborativeinc.com</p> <p>ARCHITECTS LANDSCAPE ARCHITECTS INTERIOR DESIGNERS PLANNERS</p>
------------------------------------	--	--	---

C-007 Dated 10/23/2012



Printed 10/22/2012

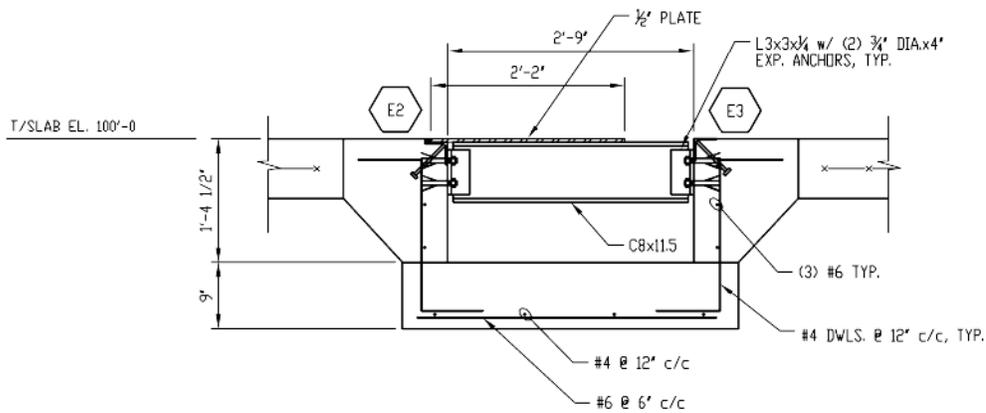
<p>SHEET NO. SKF-02</p>	<p>SHEET TITLE LIFT PIT PLAN</p>	<p>PROJECT TITLE Lucas Co Engineer</p> <p>Shell Pkg - Add 002</p>	 <p>THE COLLABORATIVE, INC.</p> <p>500 Madison Ave Toledo, OH 43604 419.242.7405 tel 419.242.7400 fax www.thecollaborativeinc.com td@thecollaborativeinc.com</p> <p>ARCHITECTS LANDSCAPE ARCHITECTS INTERIOR DESIGNERS PLANNERS</p>
------------------------------------	---	--	---



SECTION

SCALE: 3/4"=1'-0"

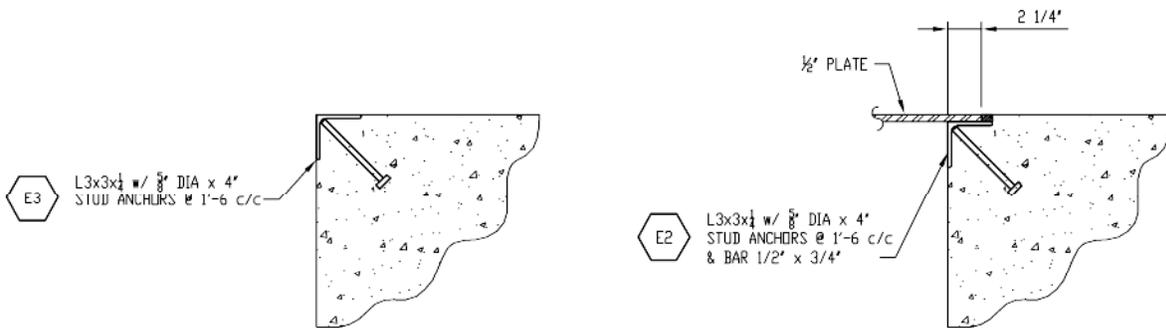
9
F1.01



SECTION

SCALE: 3/4"=1'-0"

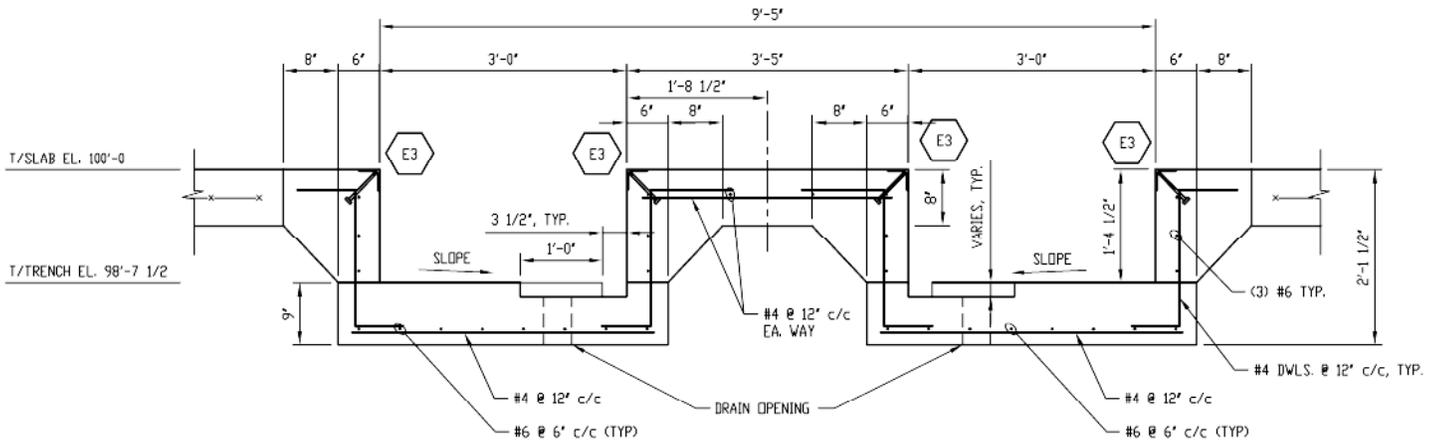
10
F1.01



C-007 Dated 10/23/2012

Printed 10/22/2012

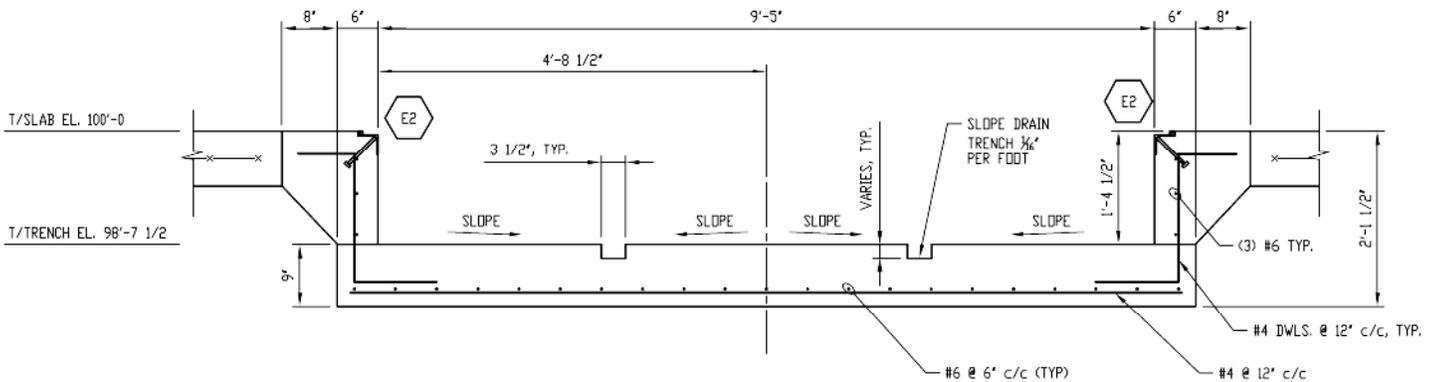
<p>SHEET NO. SKF-03</p>	<p>SHEET TITLE LIFT PIT SECTIONS</p>	<p>PROJECT TITLE Lucas Co Engineer Shell Pkg - Add 002</p>	 <p>THE COLLABORATIVE, INC. 500 Madison Ave Toledo, OH 43604 419.242.7405 tel 419.242.7400 fax www.thecollaborativeinc.com td@thecollaborativeinc.com</p> <p>ARCHITECTS LANDSCAPE ARCHITECTS INTERIOR DESIGNERS PLANNERS</p>
------------------------------------	---	--	--



NOTE: ALL SLOPES ARE 1/16" PER FOOT

SECTION 7
SCALE: 3/4"=1'-0

7
F1.01



NOTE: ALL SLOPES ARE 1/16" PER FOOT

SECTION 8
SCALE: 3/4"=1'-0

8
F1.01

Printed 10/22/2012

SHEET NO.

SKF-04

SHEET TITLE

LIFT PIT SECTIONS

PROJECT TITLE

Lucas Co
Engineer

Shell Pkg - Add 002

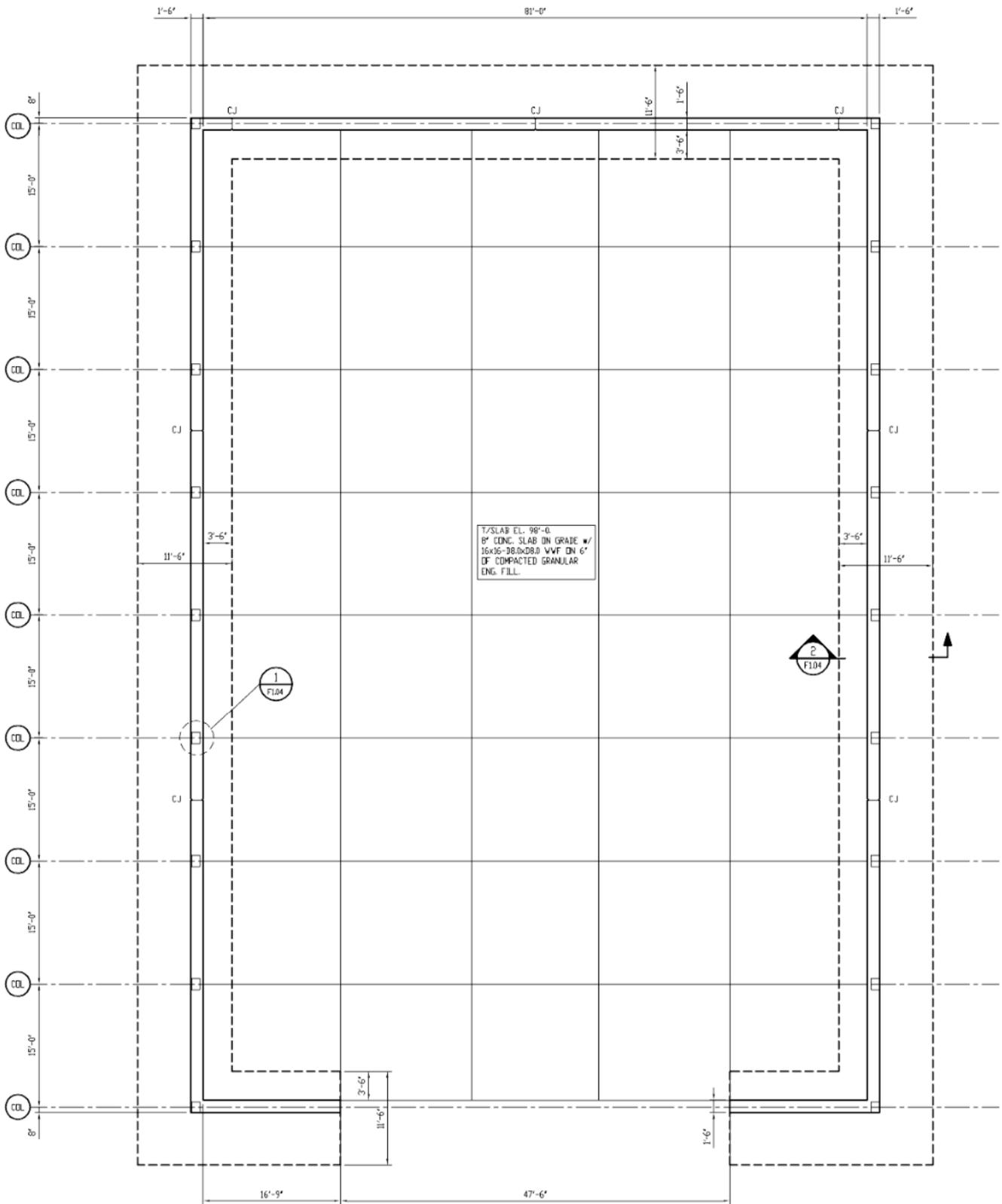


the COLLABORATIVE inc

500 Madison Ave
Toledo, OH 43604
419.242.7405 tel
419.242.7400 fax
www.thecollaborativeinc.com
td@thecollaborativeinc.com

ARCHITECTS
LANDSCAPE ARCHITECTS
INTERIOR DESIGNERS
PLANNERS

C-007 Dated 10/23/2012



7" SLAB EL. 98'-0"
 8" CONC. SLAB ON GRADE w/
 16x16-28.0x28.0 WVF ON 6"
 OF COMPACTED GRANULAR
 ENG. FILL.

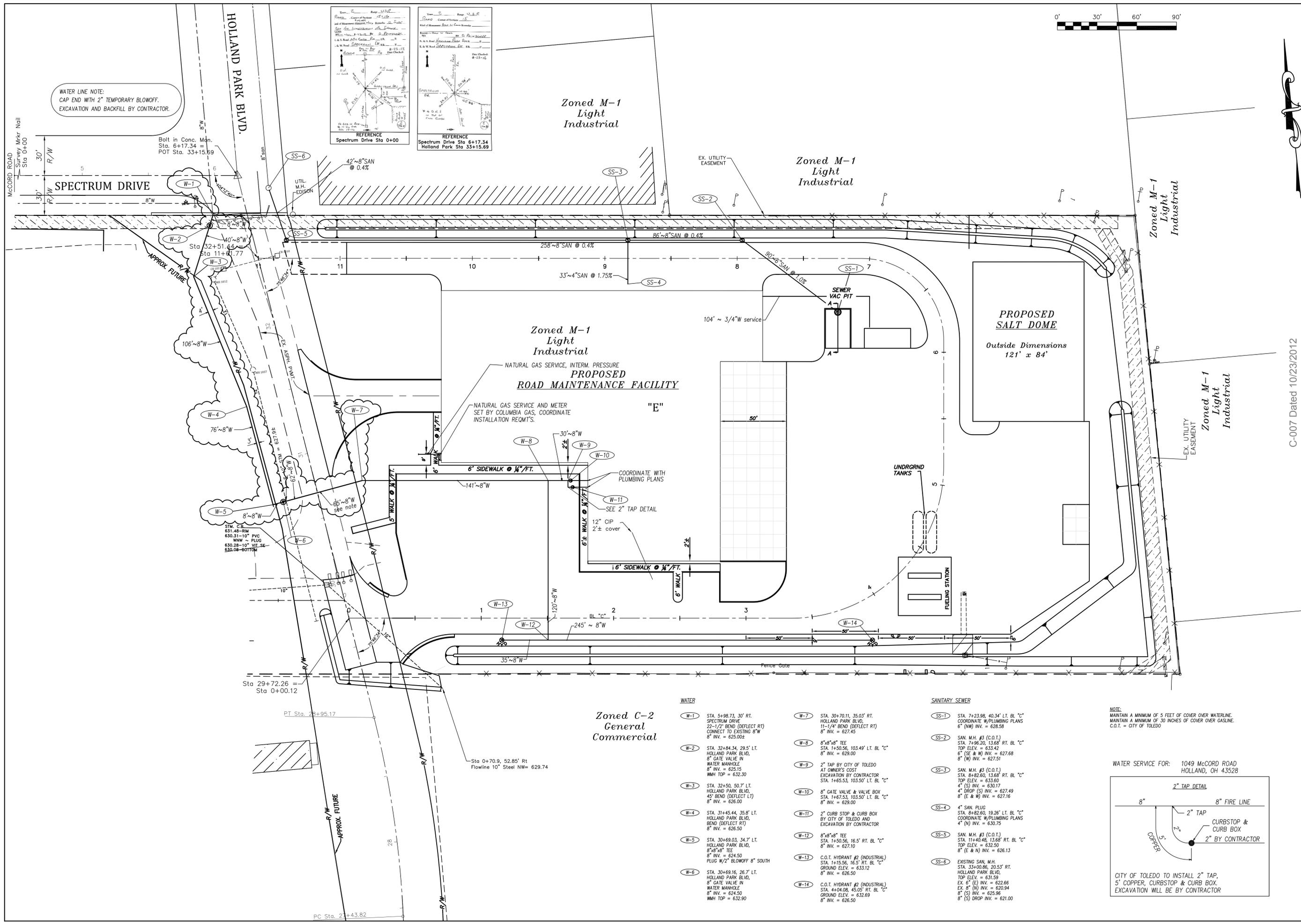
FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"



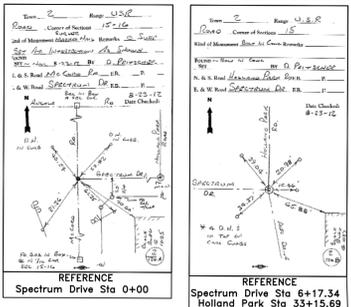
C-007 Dated 10/23/2012

Printed 10/22/2012

<p>SHEET NO. SKF-05</p>	<p>SHEET TITLE SALT BUILDING PLAN</p>	<p>PROJECT TITLE Lucas Co Engineer Shell Pkg - Add 002</p>	 <p>the COLLABORATIVE</p> <p>500 Madison Ave Toledo, OH 43604 419.242.7405 tel 419.242.7400 fax www.thecollaborativeinc.com to@thecollaborativeinc.com</p> <p>ARCHITECTS LANDSCAPE ARCHITECTS INTERIOR DESIGNERS PLANNERS</p>
------------------------------------	--	--	---



WATER LINE NOTE:
CAP END WITH 2" TEMPORARY BLOWOFF.
EXCAVATION AND BACKFILL BY CONTRACTOR.



Zoned M-1
Light
Industrial

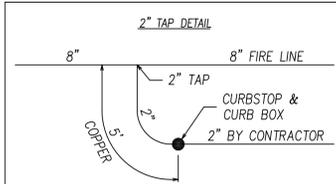
Zoned C-2
General
Commercial

PROPOSED
SALT DOME
Outside Dimensions
121' x 84'

- | WATER | | SANITARY SEWER | |
|-------|---|----------------|---|
| W-1 | STA. 5+98.73, 30' RT. SPECTRUM DRIVE 22-1/2" BEND (DEFLECT RT) CONNECT TO EXISTING 8" W 8" INV. = 625.00± | SS-1 | STA. 7+23.98, 40.34' LT. BL "C" COORDINATE W/PLUMBING PLANS 6" (N) INV. = 628.58 |
| W-2 | STA. 32+84.34, 29.5' LT. HOLLAND PARK BLVD, 8" GATE VALVE IN WATER MANHOLE, 8" INV. = 625.15 MMH TOP = 632.30 | SS-2 | SAN. M.H. #3 (C.O.T.) STA. 8+82.60, 13.68' RT. BL "C" 6" (SE & W) INV. = 627.68 8" (W) INV. = 627.51 |
| W-3 | STA. 32+50, 50.7' LT. HOLLAND PARK BLVD, 45" BEND (DEFLECT LT) 8" INV. = 626.00 | SS-3 | SAN. M.H. #3 (C.O.T.) STA. 1+50.56, 16.5' RT. BL "C" TOP ELEV. = 633.60 4" (S) INV. = 630.17 4" DROP (S) INV. = 627.49 8" (E & W) INV. = 627.16 |
| W-4 | STA. 31+45.44, 35.8' LT. HOLLAND PARK BLVD, BEND (DEFLECT RT) 8" INV. = 626.50 | SS-4 | 4" SAN. PLUG STA. 8+82.60, 13.68' RT. BL "C" COORDINATE W/PLUMBING PLANS 4" (N) INV. = 630.75 |
| W-5 | STA. 30+69.03, 34.7' LT. HOLLAND PARK BLVD, 8" GATE VALVE IN WATER MANHOLE, 8" INV. = 624.50 PLUG W/2" BLOWOFF 8" SOUTH | SS-5 | SAN. M.H. #3 (C.O.T.) STA. 1+40.48, 13.68' RT. BL "C" TOP ELEV. = 632.50 8" (E & N) INV. = 626.13 |
| W-6 | STA. 30+69.16, 26.7' LT. HOLLAND PARK BLVD, 8" GATE VALVE IN WATER MANHOLE, 8" INV. = 624.50 MMH TOP = 632.90 | SS-6 | EXISTING SAN. M.H. STA. 33+00.86, 20.53' RT. HOLLAND PARK BLVD, TOP ELEV. = 631.59 EX. 8" (E) INV. = 622.66 EX. 8" (N) INV. = 620.94 8" (S) INV. = 625.96 8" (S) DROP INV. = 621.00 |
| W-7 | STA. 30+70.11, 35.03' RT. HOLLAND PARK BLVD, 11-1/4" BEND (DEFLECT RT) 8" INV. = 627.45 | | |
| W-8 | 8"x8"x8" TEE STA. 1+50.56, 103.49' LT. BL "C" 8" INV. = 629.00 | | |
| W-9 | 2" TAP BY CITY OF TOLEDO AT OWNER'S COST EXCAVATION BY CONTRACTOR STA. 1+65.53, 103.50' LT. BL "C" | | |
| W-10 | 8" GATE VALVE & VALVE BOX STA. 1+67.53, 103.50' LT. BL "C" 8" INV. = 629.00 | | |
| W-11 | 2" CURB STOP & CURB BOX BY CITY OF TOLEDO AND EXCAVATION BY CONTRACTOR | | |
| W-12 | 8"x8"x8" TEE STA. 1+50.56, 16.5' RT. BL "C" 8" INV. = 627.10 | | |
| W-13 | C.O.T. HYDRANT #2 (INDUSTRIAL) STA. 4+14.08, 45.05' RT. BL "C" GROUND ELEV. = 633.12 8" INV. = 626.50 | | |
| W-14 | C.O.T. HYDRANT #2 (INDUSTRIAL) STA. 4+14.08, 45.05' RT. BL "C" GROUND ELEV. = 632.89 8" INV. = 626.50 | | |

NOTE:
MAINTAIN A MINIMUM OF 5 FEET OF COVER OVER WATERLINE.
MAINTAIN A MINIMUM OF 30 INCHES OF COVER OVER GASLINE.
C.O.T. = CITY OF TOLEDO

WATER SERVICE FOR: 1049 McCORD ROAD
HOLLAND, OH 43528



CITY OF TOLEDO TO INSTALL 2" TAP, 5' COPPER, CURBSTOP & CURB BOX. EXCAVATION WILL BE BY CONTRACTOR

C-007 Dated 10/23/2012



Lucas County Road Maintenance Building
Pre-Bid Meeting

Bid Package #12-030P – Shell & Site Work Packages
 Dated 10/18/2012 – 10:00 AM

NAME	COMPANY	PHONE	EMAIL	BIDDING ON PACKAGE (SHELL OR SITE WORK)
Barbette Bennett	The Spiker Company	517-231-4636	Barbette@spikercompany.com	
Hans Hartkopf	Danmussen Doors	419-478-1700	Danmussen@socad.com	
Matt Otermat	Mosser Construction	419 334 3801	MOTERNAT@MOSSERGRP.COM	
Chris Carry	Miller Brothers East	419.445.1015	chriscarry@mlbrhdg.com	Site
Ruben Furst	Midwest Concrete	419-866-4540	RUBEN.FURST@MIDWEST-CONCRETE.COM	
Matt McHugh	Crestline Paving	(419) 536-8229	mcmhugh@crestlinepaving.com	Site
Nancy Nowakowski	Impressu Concrete Works	(419) 843-2222	nph1@impressu.com	SHELL & SITE
Tom Allen	Genies Paving	419-877-2904	tom@geniespaving.com	Site
JOE SCHOEN	SCHOEN, INC	419-536-3624	schoenisc@bex.net	site
Kurt Rasmussen	Graddis Paving	419-536-8501	KRasmussen@graddispaving.com	site
Paul Thatcher	DeVere Const.	(919) 6249423	estimating@deverec.us p Thatcher@deverec.us	