



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

F. KEITH STEPAN
Director

ADDENDUM #3

Date: May 7, 2007

To: Contractors

From: Craig Wessman, Project Manager, DFCM

Reference: Utility Tunnel Expansion – Redwood Road Campus
Salt Lake Community College – Salt Lake City, Utah
DFCM Project No. 06163660

Subject: **Addendum No. 3**

Pages	Addendum	1	page
	Invitation to Re-bid	1	page
	Revised Project Schedule	1	page
	Revised Bid Form	2	pages
	HFS Specifications	7	pages
	Total	12	pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

- 1.1 **SCHEDULE CHANGES – There has been a change to the Project Schedule.**
The revised Project Schedule dated May 7, 2007, reflects changes to the Project Bid Date. The new Project Bid Date is **Tuesday, May 15, 2007 at 1:00 PM.**
- 1.2 **GENERAL –** See attached, Invitation to Re-bid, Revised Project Schedule, Revised Bid Form, and HFS Specifications.

End of Addendum #3

INVITATION TO REBID

Only firms that have been invited to submit bids on this project are allowed to bid on this project.

Sealed bids will be received by the Division of Facilities Construction and Management (DFCM) for:

UTILITY TUNNEL EXTENSION – REDWOOD ROAD CAMPUS
SALT LAKE COMMUNITY COLLEGE – SALT LAKE CITY, UTAH
DFCM PROJECT NO: 06313660

<u>Company</u>	<u>Contact</u>	<u>Fax</u>
Bowen Construction	Jim Bowen	936-3530
Chad Husband Construction	Andrew Johnson	886-1784
Garff Construction	William Garff	972-1928
McCullough Engineering and Contracting	James McCullough	466-4989

Bids will be in accordance with the revised Contract Documents that will be available at 2:00 PM on Monday, May 7, 2007 as Addendum No. 3 on the DFCM web page at <http://dfcm.utah.gov>. For questions regarding this project, please contact Craig Wessman, DFCM, at 801-673-2107. No others are to be contacted regarding this bidding process. The construction budget for this project is \$1,900,000.

Bids will be received until the hour of 1:00 PM on Tuesday, May 15, 2007 at the Wasatch Building at the Utah State Fairpark, approximately 155 North 1000 West, Salt Lake City, Utah. Refer to the map on the DFCM website for directions (http://dfcm.utah.gov/downloads/fairpark_map.pdf). Bids will be opened and read aloud in the Wasatch Building at the Utah State Fairpark. NOTE: Bids must be received at the Wasatch Building at the Utah State Fairpark by the specified time.

A bid bond in the amount of five percent (5%) of the bid amount, made payable to the Division of Facilities Construction and Management on DFCM's bid bond form, shall accompany the bid.

The Division of Facilities Construction and Management reserves the right to reject any or all bids or to waive any formality or technicality in any bid in the interest of DFCM.

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

Marla Workman, Contract Coordinator
4110 State Office Building, Salt Lake City, Utah 84114



**PROJECT SCHEDULE – REVISED
PER ADDENDUM NO. 3 ISSUED MAY 7, 2007
REBID**

PROJECT NAME:		UTILITY TUNNEL EXTENSION – REDWOOD ROAD CAMPUS SALT LAKE COMMUNITY COLLEGE – SALT LAKE CITY, UTAH		
DFCM PROJECT NO.		06163660		
Event	Day	Date	Time	Place
Bidding Documents Available	Thursday	April 5, 2007	10:00 AM	Wasatch Building Utah State Fairpark Approx 155 North 1000 West Salt Lake City, UT or DFCM web site *
Mandatory Pre-bid Site Meeting	Wednesday	April 18, 2007	10:30 AM	Room 202 Construction Trades Bldg. Redwood Road Campus Salt Lake Community College 4500 South Redwood Road Salt Lake City, UT
Last Day to Submit Questions	Tuesday	April 24, 2007	4:00 PM	Craig Wessman – DFCM e-mail cwessman@utah.gov Fax 801-538-8487
Rebid Addendum Issued	Monday	May 7, 2007	2:00 PM	DFCM web site *
Prime Contractors Turn In RebiBid and Bid Bond	Tuesday	May 15, 2007	1:00 PM	Wasatch Building Utah State Fairpark Approx 155 North 1000 West Salt Lake City, UT **
Sub-contractor List Due	Wednesday	May 16, 2007	1:00 PM	DFCM 4110 State Office Bldg SLC, UT Fax 801-538-3677
Substantial Completion Date	Friday	November 16, 2007		

* **NOTE:** DFCM's web site address is <http://dfcm.utah.gov>

** **Due to the ongoing construction on Capitol Hill and the anticipated shortage of parking during 2007, all bids will be received and opened at the Wasatch Building at the Utah State Fairpark. Refer to map on the DFCM web site for directions (http://dfcm.utah.gov/downloads/fairpark_map.pdf)**



STATE OF UTAH - DEPARTMENT OF ADMINISTRATIVE SERVICES

Division of Facilities Construction and Management

DFCM

**BID FORM – REVISED PER
ADDENDUM NO. 3 ISSUED MAY 7, 2007
REBID**

NAME OF BIDDER _____ DATE _____

To the Division of Facilities Construction and Management
4110 State Office Building
Salt Lake City, Utah 84114

The undersigned, responsive to the "Notice to Contractors" and in accordance with the "Instructions to Bidders", in compliance with your invitation for bids for the **UTILITY TUNNEL EXTENSION – REDWOOD ROAD CAMPUS - SALT LAKE COMMUNITY COLLEGE – SALT LAKE CITY, UTAH - DFCM PROJECT NO: 06313660** and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: _____

For all work shown on the Drawings and described in the Specifications and Contract Documents, I/we agree to perform for the sum of:

_____ DOLLARS (\$ _____)

(In case of discrepancy, written amount shall govern)

I/We guarantee that the Work will be Substantially Complete by **November 16, 2007**, should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **\$275.00** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of _____

The undersigned Contractor's License Number for Utah is _____.

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in the Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract.

The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable 100% Performance and Payment bonds are not delivered within the time set forth.

Type of Organization: _____ (Corporation, Partnership, Individual, etc.)

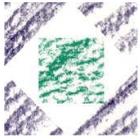
Any request and information related to Utah Preference Laws: _____

Respectfully submitted,

Name of Bidder

ADDRESS:

Authorized Signature

**HFSARCHITECTS**

1484 South State Street
 Salt Lake City, Utah 84115
 801-596-0691 • Fax: 596-0693 • www.hfsa.com

Addendum No. 3

Project:	Utility Tunnel Expansion - Redwood Road Campus	Date:	07 May 2006
Address:	4600 South Redwood Road	Project No.:	0647.01
City, State:	Salt Lake City, Utah 84130-0808	Owner No.:	06163660
Owner:	DFCM	Agency:	Salt Lake Community College

To all Bidders of Record:

This addendum forms a part of the contract documents and modifies the original specifications and drawings as noted below. Items of general information are included without reference to the plans and specifications. Revisions to the specifications are referenced by page number and paragraph heading on that page. Revisions to the drawings are reference by the drawing number. Unless otherwise stated, any changes herein offset only the specific drawings, words, or paragraphs mentioned, and the balance of the drawings and specifications remain in full force. Acknowledge receipt of this addendum in the space provided on the Bid form. Failure to do so will subject the Bidder to disqualification.

Item No.	Section or Sheet No.	Description
General Items:		
3 -1	Addendum 1	Item 1-20: Delete entire note. Clarification: All new stainless steel guardrails have been deleted from the project.
3 -2	Addendum 1	Item 1-24: Delete 18"X18" metal bar grate with frame. Provide 2'-0"x2'-0"x1/8" tread plate cover, anchor with (2) 1/4" expansion anchors.
Specification Items:		
3 -3	01230	Delete entire section. Clarification: All Alternates have been deleted from the project.
3 -4	02836	Delete entire section. Clarification: The stabilized earthen retaining wall has been deleted from the project. See the attached revised detail A1/AE301.
3 -5	05700	Part 2.1: Delete entire section and all references to fabricators.
3 -6	15083	Delete all references to Alternate 2 - PVC and Metal Insulation Jackets. Clarification: All Alternates have been deleted from the project.
3 -7	15182	Delete entire section.

Item No.	Section or Sheet No.	Description
3 -8	15446	Delete entire section. Clarification: All sump pumps and related piping and controls have been deleted from the project.
Drawing Items:		
3 -9	AD101	Keyed Note 13: Revise the reference to fencing to read "REMOVE & SALVAGE FENCING & POSTS FOR REINSTALLATION."
3 -10	AE101	Keyed Note 8: Replace "NEW STAINLESS STEEL GUARDRAIL" with "REINSTALL SALVAGED FENCING & POSTS."
3 -11	AE301	Delete all references to the "CONCRETE TOPPING SLAB." Clarification: The concrete topping slab in the tunnel has been deleted from the project.
3 -12	AE301	Detail A1: Replace 'A1/Pre-Cast Tunnel Section @ (E) Ret. Wall' with the attached detail A1/AE301 Revised Pre-Cast Tunnel Section @ (E) Ret. Wall.
3 -13	AE301	Details A1, A3 and A5: Delete all cross bars except for the one for the water piping. See the attached revised detail A1/AE301 for clarification.
3 -14	AE302	Detail A5: Delete all cross bars except for the one for the water piping. See the attached revised detail A1/AE301 for clarification.
3 -15	AE302	Delete all references to the "CONCRETE TOPPING SLAB." Clarification: The concrete topping slab in the tunnel has been deleted from the project.
3 -16	AE401	Detail A3: Delete cast-in-place concrete tunnel T-section. Replace with pre-cast concrete tunnel sections.
3 -17	AE401	Detail C3: Replace cast-in-place concrete tunnel T-section with pre-cast concrete tunnel sections.
3 -18	AE401	Detail C3: Revise note "(N) STAINLESS STEEL GUARDRAIL" to read "REINSTALLED SALVAGED FENCING & POSTS."
3 -19	AE402	Detail A5: Delete cast-in-place concrete tunnel T-section. Replace with pre-cast concrete tunnel sections.
3 -20	AE402	Detail C5: Delete detail.
3 -21	MD101	Replace sheet MD101 with the attached revised sheet MD101.
3 -22	MD101	Remove section of buried chilled water piping, only where it

Item No.	Section or Sheet No.	Description
		will interfere with new tunnel. Field verify exact location of existing buried piping. Remove existing, only after new piping is in place to minimize the change-over shut-down time. Protect existing buried transite piping during excavation.
3 -23	ME101	Replace sheet ME101 with the attached revised sheet ME101.
3 -24	ME101	Provide new direct buried 6" schedule 40 pressure rated PVC chilled water supply and return piping from existing tunnel, to existing direct buried piping. Provide coupling for connecting PVC to transite, and tie into existing direct buried piping. Field verify exact location of existing. Protect existing transite piping during construction. Provide mechanical sleeve seals (Link seal or equal) where chilled water piping penetrates tunnel wall.
3 -25	ME101	Delete sump pumps and associated piping, controls, etc. Sump pits shall remain, and floor sink shall remain for use with future or portable sump pumps and hoses if necessary.
3 -26	ME101	Delete temporary chiller, and all associated new chilled water piping in building. Existing buried piping shall be re-used. New buried piping connection shall be coordinated to minimize cooling shut-down at construction trades building. Install new piping, then shut down building after hours to connect new piping to existing. Once new piping is up and running, remove existing piping where shown.
3 -27	ME101	Louver damper shall be a stand-alone cooling only thermostat. No integration with building management system shall be required.
3 -28	ME101	Sheet Note 1: Clarification: The new 6" CHWS and CHWR piping and associated anchors, supports, and rollers shown in the tunnel have been deleted from the project.
3 -29	ME101	Sheet Note 1: Delete all references to Alternate 1. Clarification: All Alternates have been deleted from the project.
3 -30	ME101	Sheet Note 6: Delete note.
3 -31	ME101	Sheet Note 7: Delete note. Clarification all anchors, supports and rollers for the steam and condensate piping are not part of the base bid.
3 -32	ME101	Sheet Note 8: Delete note.
3 -33	ME101	Sheet Note 9: Delete note.

Item No.	Section or Sheet No.	Description
Prior Approvals:		
3 -34		None this addendum.
Attachments:		
3 -35	1 Detail	A1/AE301 Revised Pre-Cast Tunnel Section @ (E) Ret. Wall.
3 -36	1 Drawing	MD101 Mechanical Demolition Site Plan.
3 -37	1 Drawing	ME101 Mechanical Site Plan.

End of Addendum No. 3

(N) 3" ASPHALT SURFACE COURSE

(N) 8" ASPHALT BASE COURSE

(N) 5" CONC. SIDEWALK

LIGHT FIXTURE, SEE ELEC. DWGS.

(4) - 3/8" Ø X 4" SLEEVE ANCHORS

SEE MECH. FOR SADDLES, ROLLER ASSEMBLIES & CLAMPS

PI000T UNI-STRUT @ 10'-0"

WATER PIPING

PI001 UNI-STRUT

PI026 ANGLE

F20 PU-5853 BASE

PRE-CAST TUNNEL ON 2" SAND LEVELING BED & 6" GRAVEL BASE, TYP.

2" RIGID INSULATION, TYP.

#6 @ 12-1/2" O.C. FULL HEIGHT

NOTE: PROVIDE SUMP PITS AS SHOWN. SLOPE FLOOR IN THE DIRECTION OF TRAVEL TO THESE SUMP BOXES. SEE DETAILS B6 & C6/AE501.

(E) RETAINING WALL

(E) #6 @ 6-1/4" O.C. TO 3'-0" ABOVE FTG.

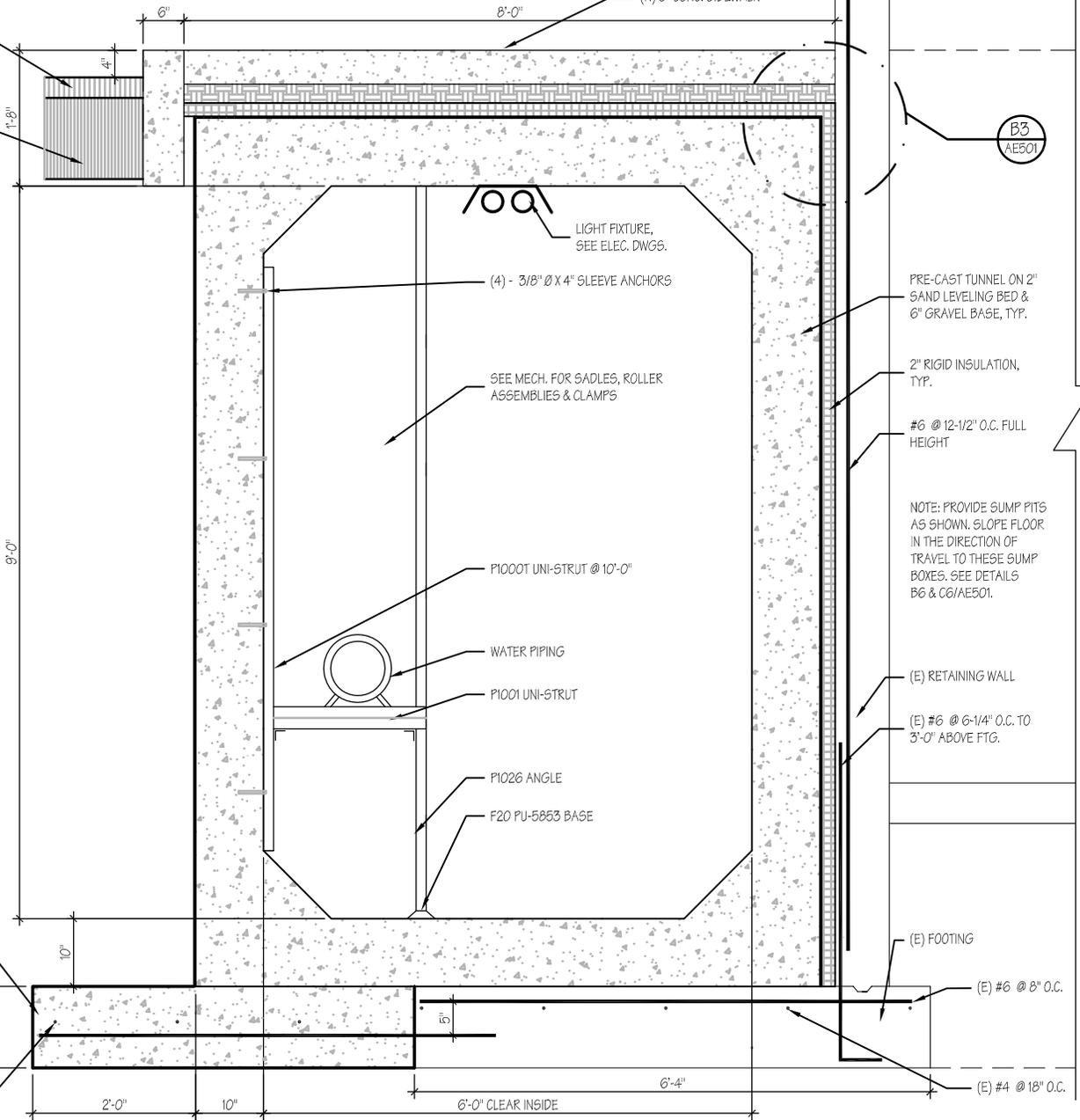
(E) FOOTING

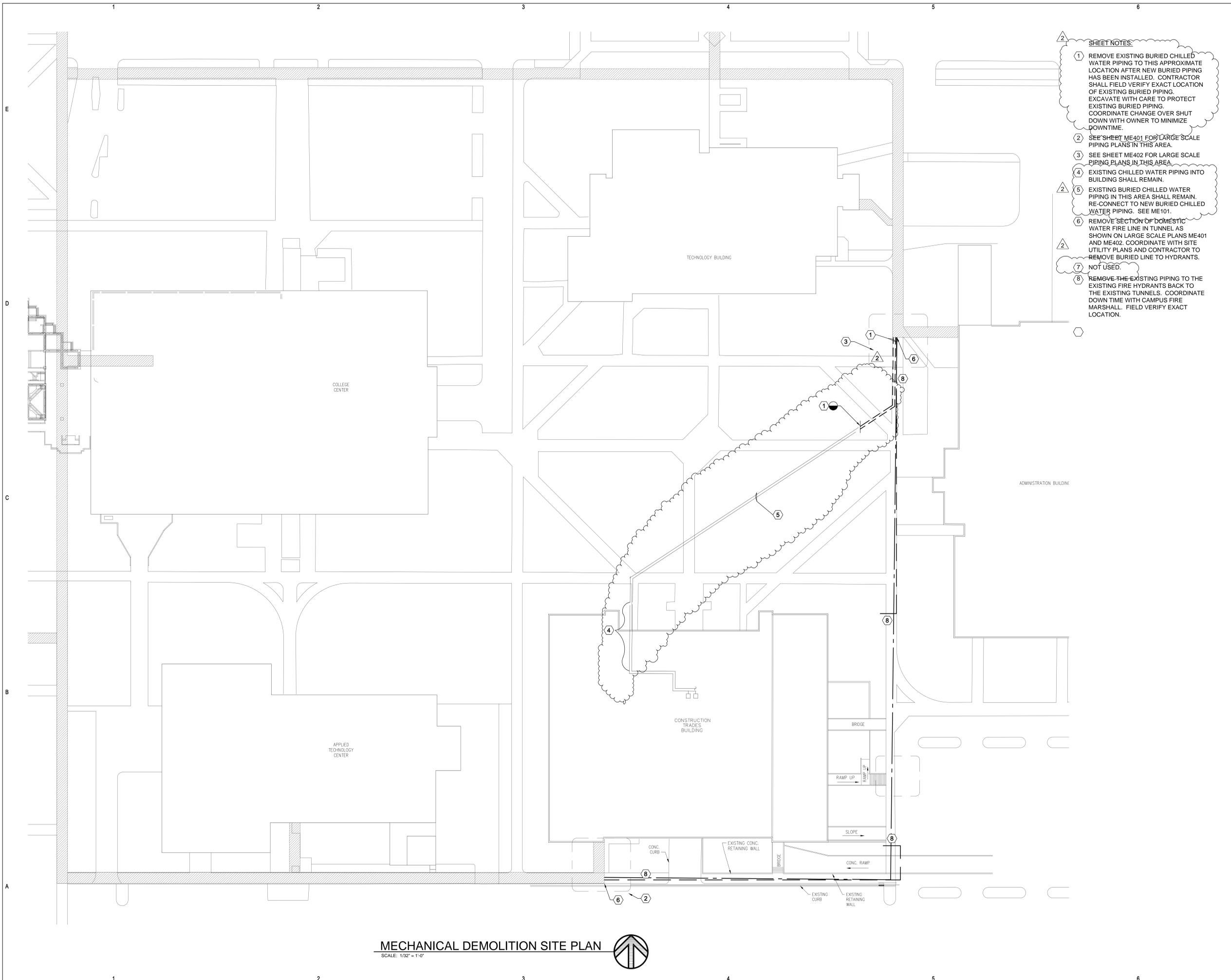
(E) #6 @ 8" O.C.

(E) #4 @ 18" O.C.

#6 @ 8" O.C. EPOXY 10" INTO EXIST. FOOTING

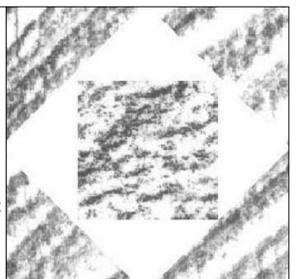
#4 @ 18" O.C.





- SHEET NOTES:**
- ① REMOVE EXISTING BURIED CHILLED WATER PIPING TO THIS APPROXIMATE LOCATION AFTER NEW BURIED PIPING HAS BEEN INSTALLED. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF EXISTING BURIED PIPING. EXCAVATE WITH CARE TO PROTECT EXISTING BURIED PIPING. COORDINATE CHANGE OVER SHUT DOWN WITH OWNER TO MINIMIZE DOWNTIME.
 - ② SEE SHEET ME401 FOR LARGE SCALE PIPING PLANS IN THIS AREA.
 - ③ SEE SHEET ME402 FOR LARGE SCALE PIPING PLANS IN THIS AREA.
 - ④ EXISTING CHILLED WATER PIPING INTO BUILDING SHALL REMAIN.
 - ⑤ EXISTING BURIED CHILLED WATER PIPING IN THIS AREA SHALL REMAIN. RE-CONNECT TO NEW BURIED CHILLED WATER PIPING. SEE ME101.
 - ⑥ REMOVE SECTION OF DOMESTIC WATER FIRE LINE IN TUNNEL AS SHOWN ON LARGE SCALE PLANS ME401 AND ME402. COORDINATE WITH SITE UTILITY PLANS AND CONTRACTOR TO REMOVE BURIED LINE TO HYDRANTS.
 - ⑦ NOT USED.
 - ⑧ REMOVE THE EXISTING PIPING TO THE EXISTING FIRE HYDRANTS BACK TO THE EXISTING TUNNELS. COORDINATE DOWN TIME WITH CAMPUS FIRE MARSHALL. FIELD VERIFY EXACT LOCATION.

MECHANICAL DEMOLITION SITE PLAN
 SCALE: 1/32" = 1'-0"



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CONSULTANT

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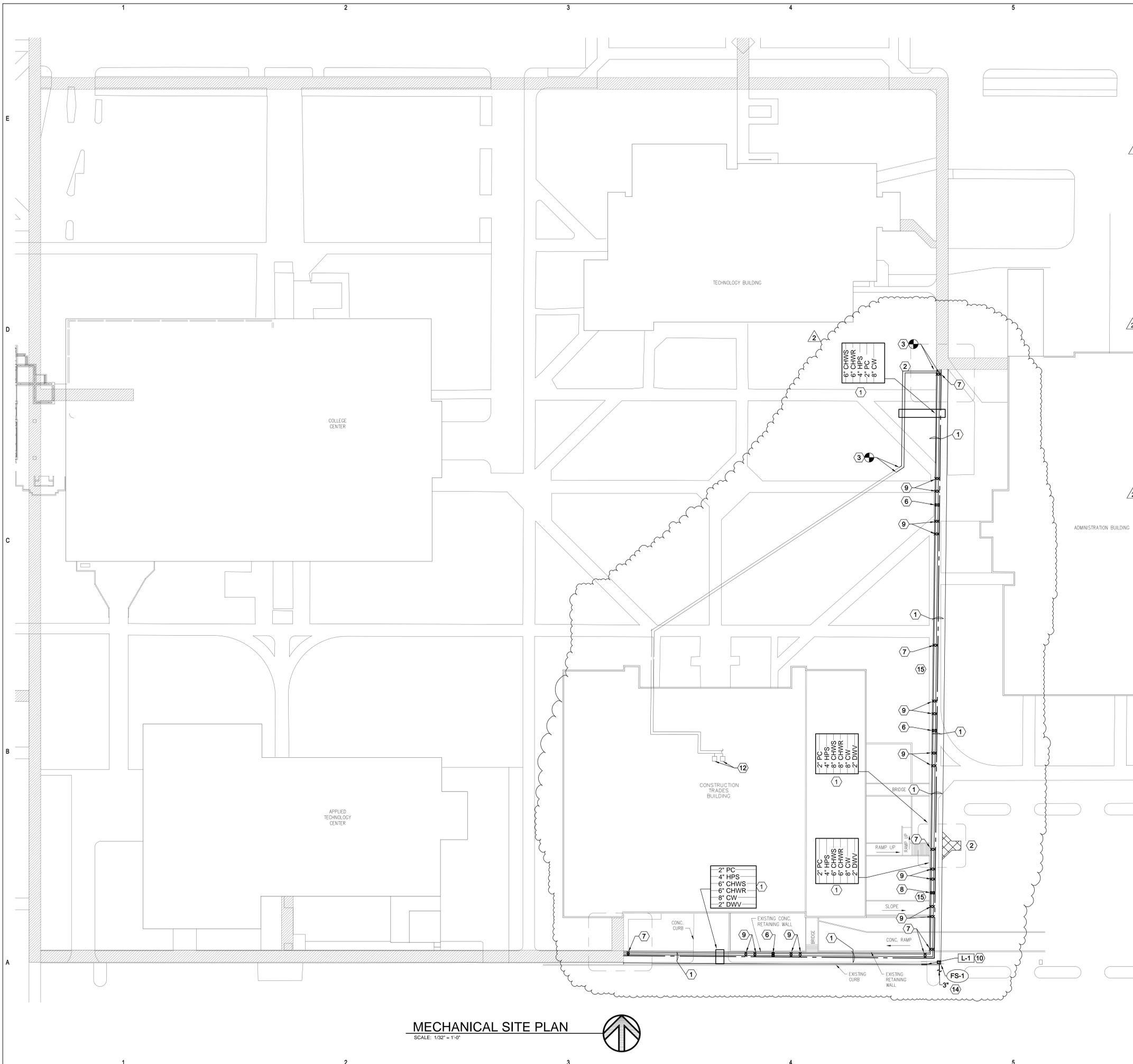
**UTILITY TUNNEL EXPANSION
 REDWOOD ROAD CAMPUS**

**SALT LAKE COMMUNITY COLLEGE
 REDWOOD CAMPUS
 SALT LAKE CITY, UTAH**

MARK	DATE	DESCRIPTION
①	04-26-07	ADDENDUM
②	05-07-07	ADDENDUM

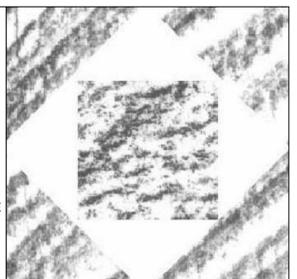
DATE:	16 MARCH 2007
PROJECT NO:	06163660
HFSA PROJECT NO:	0647.01
CAD DWG FILE NO:	
DRAWN BY:	RB
CHECKED BY:	SW
DESIGNED BY:	WP
DWG TYPE:	MECHANICAL
ARCHITECTURAL PHASE:	CONSTRUCTION DOCUMENTS
SHEET TITLE	

**MECHANICAL
 DEMOLITION SITE
 PLAN**
MD101
 SHEET 18 OF 27

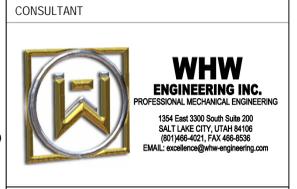


- SHEET NOTES:**
- PROVIDE NEW 6" CHWS AND CHWR BURIED PRESSURE RATED SCHEDULE 40 PVC PIPING AND TIE INTO EXISTING BURIED TRANSITE PIPING. 4" HIGH PRESSURE STEAM AND 2" PUMPED CONDENSATE PIPING SHALL BE BID AS ADDITIVE ALTERNATE #1. SEE ARCHITECTURAL DETAILS FOR PIPING SUPPORTS.
 - FUTURE STUB OUT. SEE SHEET ME401 FOR LARGE SCALE PIPING PLANS AND ISOMETRICS OF THIS AREA. PROVIDE AT BEGINNING OF PROJECT. PROVIDE STUBOUTS FOR TEMPORARY CONSTRUCTION.
 - PROVIDE NEW BURIED 6" CHWS AND 6" CHWR PRESSURE RATED SCHEDULE 40 PVC PIPING FROM EXISTING TUNNEL TO EXISTING BURIED TRANSITE PIPING. PROVIDE NEW PIPING BEFORE SHUTTING DOWN EXISTING PIPING. COORDINATE SHUT DOWN WITH OWNER. FIELD VERIFY EXACT LOCATION OF EXISTING PIPING. PROVIDE PRESSURE RATED PVC TO TRANSITE COUPLING. PROVIDE MECHANICAL SLEEVE SEALS (LINK-SEAL OR EQUAL) WHERE PIPING PENETRATES TUNNEL WALL.
 - NOT USED.
 - NOT USED.
 - PROVIDE INLINE SLIP TYPE EXPANSION JOINT WITH 8" COMPRESSION TRAVEL IN STEAM AND CONDENSATE PIPING. INSTALL PER MANUFACTURERS RECOMMENDATIONS. ALL STEAM AND CONDENSATE PIPING, INCLUDING EXPANSION JOINTS, SHALL BE PART OF ALTERNATE #1.
 - PROVIDE STEAM AND CONDENSATE PIPING ANCHORS AS PART OF ADDITIVE ALTERNATE #1. SEE DETAIL. COORDINATE WITH EXPANSION JOINT MANUFACTURERS FOR RECOMMENDED DISTANCE BETWEEN ANCHOR AND EXPANSION JOINT. COORDINATE EXACT DIMENSION AND LOCATION WITH ARCHITECTURAL. STEAM AND CONDENSATE ANCHORS, UNISTRUT, AND ROLLERS SHALL ONLY BE INCLUDED IN ADDITIVE ALTERNATE.
 - PROVIDE INLINE SLIP TYPE EXPANSION JOINT WITH 4" COMPRESSION TRAVEL IN STEAM AND CONDENSATE PIPING. INSTALL PER MANUFACTURERS RECOMMENDATIONS. ALL STEAM AND CONDENSATE PIPING, INCLUDING EXPANSION JOINTS SHALL BE PART OF ALTERNATE #1.
 - PROVIDE PIPE GUIDES AT EXPANSION JOINTS. SEE DETAIL. INSTALL PER MANUFACTURERS RECOMMENDATIONS. GUIDES AND EXPANSION JOINTS SHALL BE PART OF ALTERNATE #1.
 - PROVIDE REMOVABLE 24"x24" FRESH AIR COVER AT TUNNEL WALL. COORDINATE WITH ARCHITECTURAL. PROVIDE WITH AUTO DAMPER AND STAND ALONE COOLING ONLY THERMOSTAT. NOT USED.
 - NOT USED.
 - EXISTING CHILLED WATER PIPING AND PUMPS IN BUILDING SHALL REMAIN.
 - NOT USED.
 - PROVIDE FLOOR SINK IN CORNER OF TUNNEL. PROVIDE 3" SANITARY SEWER LINE AND STUBOUT OF TUNNEL. COORDINATE WITH SITE UTILITY PLAN FOR CONNECTION TO EXISTING SANITARY MAIN.
 - PROVIDE STUB-OUT, VALVE, AND MECHANICAL SLEEVE SEAL FOR NEW FIRE LINE FEEDING EXISTING HYDRANTS. COORDINATE EXACT SIZE AND LOCATION OF STUB-OUT WITH SITE UTILITY PLAN. COORDINATE WITH SITE UTILITY CONTRACTOR TO PROVIDE PIPING FROM NEW STUBOUT TO EXISTING HYDRANT.

- GENERAL NOTES:**
- SLOPE STEAM PIPING IN DIRECTION OF FLOW TO FUTURE STUB OUT. PROVIDE END OF MAIN STEAM TRAP AT FUTURE STUB OUT. PROVIDE STEAM TRAPS AT EVERY ELEVATION CHANGE.
 - SLOPE CONDENSATE PIPING FROM FUTURE STUB OUT TO EXISTING TUNNELS.
 - SLOPE DRAINAGE PIPING TO FLOOR SINK.



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**UTILITY TUNNEL EXPANSION
REDWOOD ROAD CAMPUS**

**SALT LAKE COMMUNITY COLLEGE
REDWOOD CAMPUS
SALT LAKE CITY, UTAH**

MARK	DATE	DESCRIPTION
2	05-07-07	ADDENDUM

DATE: 16 MARCH 2007
PROJECT NO: 06163660
HFSA PROJECT NO: 0647.01
CAD DWG FILE NO:
DRAWN BY: RB
CHECKED BY: SW
DESIGNED BY: WP
DWG TYPE: MECHANICAL
ARCHITECTURAL PHASE:
CONSTRUCTION DOCUMENTS

**MECHANICAL
SITE PLAN**

ME101
SHEET 19 OF 27