



CONSTRUCTION SCOPE OF WORK

Project Title: Tidehaven ISD Old High School Demolition -
Building Demolition Portion
Project Location: TISD Old High School, El Maton, TX
Document No.: CSOW-1438.025-BD
Date / Revision: February 2, 2018 / 0

Summary Scope of Work

This construction scope of work is for the demolition of several existing buildings at the existing TISD Old High School campus. The buildings to be demolished consist of the following:

1. Existing Old TISD High School
2. Existing Old TISD Administration Building
3. Existing Maintenance Shop
4. Existing Parking Garage
5. Existing Classroom Trailer

Detailed Scope of Work

1. Demolish existing Old TISD High School

1a. There are existing back-to-back walls between the existing library building and the existing old high school. The wall associated with the library will remain, and the wall associated with the old high school will be removed. Prior to starting demolition of the wall associated with the old high school, the door/door frame that connects the existing library to the old high school is to be removed, and the door opening closed (walled in). Any other openings (i.e. conduits, cabling) between the library and the old high school are to be closed/sealed. The method, materials, and finish for the closing the door openings and any other openings shall match the existing library construction.

Ref. Exhibits #1A-1, #1A-2, #1A-3

1b. Disconnect the existing potable water feed to the old high school. Disconnection shall consist of installing a blind flange at the existing potable water tank in the piping section that feeds the old high school.

Ref. Exhibit #1B

1c. Saw cut the concrete walkway at the old high school to existing Boy's Gym connection point, such that the existing concrete walkway in front of the Boy's Gym will remain.

Ref. Exhibit #1C

1d. Remove the portion of canopy cover that exists between the old high and the Boy's Gym. The remainder of the canopy will remain. Removal of the canopy portion will require temporary support of the existing gym hvac ductwork during removal and re-installing a permanent ductwork support after canopy removal is complete.

Ref. Exhibit #1D, #1D-2

NOTE: Prior to commencing demolition of the old high school confirm with TISD staff that the necessary electrical power relocations / disconnections have been completed.

NOTE: There are existing electrical ductbank that run below grade under the Old High School. Several of these ductbanks will remain in service and not be removed, specifically the electrical power feed to the Boy's Gym and the electrical power feed to the Girl's Gym (ref. dwg. G1.1).

2. Demolish existing old TISD Administration Building

2a. Prior to starting demolition confirm with TISD staff that relocation of sanitary sewer controls has been completed. Sewer control relocation is not part of this scope and will be performed by others.

3. Demolish existing Maintenance Shop

3a. Prior to commencing demolition of the existing maintenance shop confirm with TISD staff that the necessary electrical power relocations / disconnections have been completed.

Exhibit #3

4. Demolish existing Parking Garage

4a. Prior to commencing demolition of the existing parking garage confirm with TISD staff that the necessary electrical power relocations / disconnections have been completed.

Ref. Exhibit #4

5. Remove existing Trailer Classroom

5a. Prior to commencing demolition of the existing classroom trailer confirm with TISD staff that the necessary electrical power disconnections have been completed. The classroom trailer be moved (vs. demolished) if so desired.

Ref. Exhibit #5

Reference Design Documentation

Drawing 025-G1.1 – Building Demolition Site Plan

Specification: Division 2 – Site Work, Section 02050 – Demolition

Exhibits #1A-1, #1A-2, #1A-3, #1B, #1C, #1D, #1D-2, #3, #4, #5

Equipment/Material to Be Furnished by Contractor

1. All required equipment / material required

Equipment/Material to Be Furnished by Others

1. None

Submittal Requirements

Provide manufacturer's product catalog information, specification, and data sheets for the following:

None

Work by Others (Not Included Within This Scope of Work)

Electrical power redistribution

Sanitary sewer controls relocation

Insurance Requirements
Per contract requirements

Bonding Requirements
Per contract requirements

End of Document

**BACK-TO-BACK
WALLS**

OLD HIGH SCHOOL

**LIBRARY
TO REMAIN**

EXHIBIT #1A-1



**BACK-TO-BACK WALL
JOINT**

LIBRARY - TO REMAIN

**OLD HIGH SCHOOL - TO
BE DEMOLISHED**

EXHIBIT #1A-2



**DOUBLE DOOR FRAME / DOUBLE DOORS
BETWEEN LIBRARY AND EXISTING OLD
HIGH SCHOOL - TO REMOVED AND
OPENING CLOSED-IN**

LOOKING FROM OLD HIGH SCHOOL SIDE

**PLATE COVERING BACK TO-BACK
WALL JOINT SPACE**

EXIST. WATER SUPPLY TO OLD
HIGH SCHOOL

INSTALL BLIND FLANGE

OLD HIGH SCHOOL

CONCRETE ON THIS SIDE OF
SAW CUT TO BE REMOVED

SAW CUT LINE

CONCRETE WALKWAY BETWEEN OLD HIGI
SCHOOL & BOY'S GYM TO REMAIN

EXHIBIT #1C

**HVAC DUCTWORK TO BE TO BE
RESUPORTED DURING AND AFTER
CANOPY SECTION REMOVAL**

**BOY'S GYM
THIS PORTION OF CANOPY TO REMAIN**

**CANOPY SECTION BETWEEN
OLD HIGH SCHOOL AND GYM
TO BE REMOVED**

**OLD HIGH SCHOOL
TO BE DEMOLISHED**



CANOPY THIS SIDE TO REMAIN

CANOPY BETWEEN OLD HIGH SCHOOL AND GYM TO BE REMOVED

BOY'S GYM

OLD HIGH SCHOOL

EXHIBIT #1D-2



**MAINTENANCE SHOP -
TO BE DEMOLISHED**

EXHIBIT #3



THIS BUILDING TO REMAIN

PARKING GARAGE TO BE DEMOLISHED



**CLASSROOM TRAILER TO
BE MOVED**

**MAINT. SHOP TO BE
DEMOLISHED**

EXHIBIT #5



DIVISION 2 - SITE WORK

SECTION 02050 - DEMOLITION

.01 GENERAL:

The Work covered under this Section shall be as indicated on the Project Drawings and as specified herein. Demolition required for this Work includes, but is not limited to:

- a. Constructing temporary barriers around objects designated to remain.
- b. Demolition and removal of structures.
- c. Disconnecting and removing existing utility lines on the site except those designated to remain.
- d. Removal of debris.

.02 JOB CONDITIONS:

a. Burning:

On-site burning will not be permitted.

b. Protection:

Use all means necessary to protect existing objects designed to remain and, in the event of damage, immediately make all repairs and replacements necessary to the approval of OWNER'S REPRESENTATIVE at no additional cost to OWNER.

c. Restrictions:

1. Do not sell or burn removed materials on-site.
2. Do not use explosives.

d. Summary:

1. The demolition drawings do not necessary indicate all the conditions, details, or work required. CONTRACTOR shall examine the building to determine the actual conditions and extent of the work. Any details not clear to CONTRACTOR shall be referred for clarification prior to bidding.
2. CONTRACTOR shall provide a list with the bid/proposal documentation listing any and all exceptions, clarifications, and/or work scope limitations.

.03 MATERIALS:

All materials, required for proper completion of the Work of this Section, shall be selected by CONTRACTOR subject to the approval of OWNER'S REPRESENTATIVE.

.04 PREPARATION:

a. Notification:

Notify OWNER'S REPRESENTATIVE at least one week prior to commencing the Work of this Section.

b. Site Inspection:

1. Prior to all Work of this Section, carefully inspect the entire site and all objects designated to be removed and to be preserved.
2. Locate all existing utility lines and determine requirements for disconnecting and capping.
3. Locate existing active utility lines traversing the site and determine the requirements for their protection.

c. Clarification:

1. The Drawings do not purport to show the various objects existing on the site, CONTRACTOR shall take caution and verify conditions prior to removing any objects.
2. Before commencing the Work of this Section, verify with OWNER'S REPRESENTATIVE all objects to be removed and all objects to be preserved.

d. Scheduling:

1. Schedule all Work in a careful manner with all necessary consideration for neighbors and the public.
2. Avoid interference with the use of, and passage to and from, adjacent buildings and facilities.

e. Disconnection of Utilities:

Before starting site operations, disconnect and/or confirm the disconnection of all utility services designated to be removed; performing all such Work in accordance with the requirements of the utility company or agency involved.

f. Protection of Utilities:

Preserve in operating condition all active utilities traversing the site and designated to remain.

g. Submittals:

Submit demolition plan for approval. Indicate methods to be employed, sequence, equipment, procedures, disposal sites and proposed haul routes. Indicate safety measures in accordance with applicable codes, including signs, barriers and temporary walkways.

f. Preparation:

1. Where an abutting structure or a part of a structure is to be left in place, make clean, smooth, vertical cuts with a saw or other approved cutting device to lines indicated. If not indicated or otherwise required, demolish structure to a minimum of 18 inches below subgrade.
2. Verify that structures to be removed are cleared of utilities.

g. Hazardous Materials: It is unknown whether hazardous materials will be encountered in the Work.

If materials suspected of containing hazardous materials are encountered, do not disturb; immediately notify OWNER. OWNER will remove hazardous materials under a separate contract.

h. Quality Assurance:

CONTRACTOR shall verify the extent of the demolition work. Any questions as to which systems are to be removed versus which systems are to remain shall be referred to the OWNER'S REPRESENTATIVE for clarification prior to commencing demolition work.

i. Coordination:

CONTRACTOR shall be responsible for coordinating demolition of all affected systems (electrical, mechanical, utilities, etc.) to prevent disruption to OWNER and minimize downtime.

.05 DEMOLITION OF STRUCTURES:

- a. Demolish all buildings designated for demolition, pulling out all foundations and concrete slabs; remove all existing pavement designated to be removed.

- b. No structure or accessory building shall be removed from the premises as a whole, or in a substantially whole condition, but all such structures and accessory buildings shall be demolished on the premises. Exceptions would be modular, mobile or skid-based buildings or containers.
- c. Demolition and disposal of rubbish and debris shall proceed simultaneously.
- d. Once the demolition is started, it shall be continued until completed.
- e. CONTRACTOR shall be responsible for all damage to private or public property as a result of his fault or negligence in connection with the prosecution of the work and shall be responsible for the proper care and protection of all work performed until completion and final acceptance.
- f. CONTRACTOR shall comply with applicable laws and ordinances governing the disposal of materials, debris, rubbish and trash off or on the project area; and shall commit no trespass on any private property in the disposal of the materials without permission of the property owners involved.
- g. Saw cut concrete or asphalt pavement to 3 inches depth, with saw designed for cutting pavements, prior to pavement removal. Cuts shall be straight and free of ragged edges.
- h. Clean adjacent structures and improvements of dust, dirt and debris caused by deconstruction operations. Return adjacent areas to condition existing before deconstruction operations began.

.06 OTHER DEMOLITION:

- a. Pull out all existing utility lines designated for abandonment, and all other objects designated to be removed.
- b. Electrical power conductors (cabling) that continue outside the boundary of the structure to be demolished are to be removed in their entirety up to the respective circuit breaker/disconnecting means.
- c. Communication conductors (cabling) that continue outside the boundary of the structure to be demolished are to be removed in their entirety up the point of utility demarcation or nearest support structure.
- d. Embedded and/or underground electric conduits/ductbanks that are uncovered with unknown origination or destination shall not be removed until confirmed by TISD staff.
- e. Prior to touching, cutting or removing any electrical conductor(s), the subject conductor(s) shall be confirmed to be de-energized using a voltage detector probe (first) and multimeter (confirmation).

.07 REMOVAL OF DEBRIS:

- a. CONTRACTOR shall be responsible for removal and disposal of all debris from the site, and leave the site in a neat and orderly condition to the approval of OWNER'S REPRESENTATIVE.
- b. Unless otherwise indicated, deconstruction waste becomes property of CONTRACTOR.
- c. Demolition areas shall be finished free of all debris, obstruction, and level without any mounds or ruts. Areas shall be left in suitable condition to allow the use of riding lawn mowing equipment.

**END OF SECTION
END OF DIVISION**

02050-5

