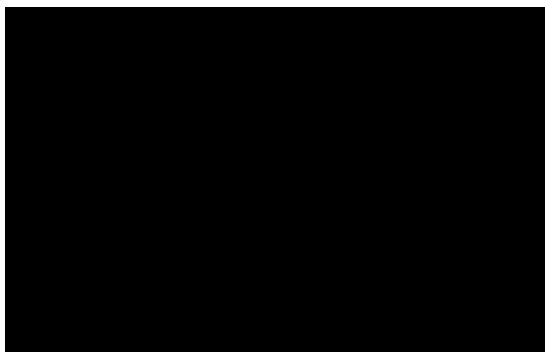




Facility Name: [REDACTED]
Building Number: [REDACTED]
Project Name: [REDACTED]
c/a Project No.: [REDACTED]

Facility Number: [REDACTED]
Building Name: [REDACTED]
HCAI No.: [REDACTED]

Summary

Project Summary: The existing Emergency Department was built in 2013 under OSHPD project number [REDACTED]. The scope of work consists of remodeling one of the two existing X-Ray rooms and developing the existing shell space within the Emergency Department to be converted into a CT Scanner Room.

Project Size: [REDACTED].

No. Stories: First floor of an existing 5-story building plus a basement.

No. Beds: 348 existing beds to remain. There are no proposed new beds associated with this project.

Construction Type: I-B, fully sprinklered

Occupancy: I-2

Functional Program

1. Purpose of the project: The purpose of the project is to add a new CT scanner room to serve the Emergency Department.

2. Project components and scope: The project scope of construction consists of remodeling one of the two existing X-Ray rooms and existing Shell Space 1060 located within the Emergency Department to add the CT Scanner room, control room, support services, storage room, storage cabinets, and project components that are required for the project to function.

3. Indirect support functions: There is no effect on indirect support functions including workloads, staffing, etc. as the existing radiological staff will cover the new CT scanner room.

4. Operational requirements: Other than adding radiological staff, there will be no operational effect, operational use, or demand loading for adjacent departments. Operational circulation patterns will remain unchanged. Departmental relationships and required adjacencies will not be changed by this project.

5. Environment of care requirements: Adding a CT to the Emergency Department will improve the capacity and shorten the time for diagnosing emergent patients.

[REDACTED]

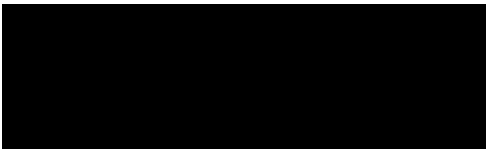
Light and views are not affected by this project. Wayfinding is not affected by this project. The control of the environment by users is not affected by this project. Privacy and confidentiality are not affected by this project. Security is not affected by this project. Architectural details, surfaces and furnishing characteristics proposed match the existing building standards within the Emergency Department. This project does not respond to local or regional cultural considerations. Views of and access to nature are not affected by this project.

5A. Delivery of care model: Currently the [REDACTED] is a licensed 348 bed hospital which contains an Emergency Department on the [REDACTED]. Patients in need of CT Scanner services will be transferred into the CT Scanner room by the hospital's staff. The following is a list a complete list of the exams and procedures to be performed at the new CT Scanner Room:

- CT CERVICAL SPINES
- CT DORSAL SPINES
- CT FACIAL BONES WITH CONTRAST PROTOCOL
- CT FACIAL BONES WITHOUT PROTOCOL
- CT HEAD WITH AND WITHOUT CONTRAST PROTOCOL
- CT HEAD WITHOUT CONTRAST PROTOCOL
- CT HI RESOLUTION CHEST
- CT LOWER EXTREMITIES WITH CONTRAST
- CT LOWER EXTREMITIES WITHOUT CONTRAST
- CT LUMBAR SPINES
- CT MULTIPHASE LIVER PROTOCOL
- CT ORBITS BONES WITH CONTRAST PROTOCOL
- CT ORBITS BONES WITHOUT PROTOCOL
- CT ROUTINE NECK
- CT ROUTINE ABD AND PELVIS
- CT ROUTINE ABD PELVIS WITH/WITHOUT R
- CT ROUTINE ABDOMEN PELVIS STONES
- CT ROUTINE CHEST
- CT ROUTINE CYSTOGRAM PELVIS
- CT SINUSES WITH CONTRAST PROTOCOL
- CT SINUSES WITHOUT PROTOCOL
- CT TEMPORAL BONES PROTOCOL
- CT UPPER ABDOMEN
- CT UPPER EXTREMITIES WITH CONTRAST
- CT UPPER EXTREMITIES WITHOUT CONTRAST
- CTA ABD AND PELVIS
- CTA BILAT LOWER EXTREMITIES
- CTA BRAIN PROTOCOL
- CTA CHEST ABDOMEN AND PELVIS
- CTA CHEST
- CTA NECK CAROTIDS
- CTA UNILATERAL LOWER EXTREMITIES
- CTA UPPER EXTREMITIES
- SPECIAL INSTRUCTIONS ETA EXTREMITIES

5B. Patient, visitors, physicians, and staff accommodations and flow: With the addition of the CT, patient and staff flow now remains within the ED and removes the need to transit to Radiology. Other flows

[REDACTED] [REDACTED]



are unaffected. This project has no effect on patients, visitors or staff accommodations and flow outside of the ED. Travel path is significantly shortened by locating the CT within the ED. Desired amenities and separation of users and workflow is unaffected as the patients using this room shall be escorted by staff through accessible public corridors.

5C. Building infrastructure and systems design criteria:

Structural Systems: Existing structural system remains unaffected. Project is interior renovation.

Plumbing Systems: Existing zone valve serving the x-ray room to remain. A new medical gas zone valve will be provided for the new CT Scanner room. Sink utilities will connect to existing utilities in ceiling space. Drainage piping will connect to the existing drain in the ceiling space of the floor below.

Mechanical Systems: The existing constant-volume air-handling unit (AH-1) provides 100% outside air for the areas within the floor. Supply air is distributed to the various rooms through existing pressure-independent constant air volume boxes (CAV's). Exhaust air is discharged in an independent system by an existing exhaust fan. The air-handling unit, exhaust fan, CAV, and related controls system are on the equipment branch of the Essential Electrical System.

Electrical Systems: The hospital currently has a compliant segregated EES system. The normal, critical and equipment branch circuits will be fed from existing panelboards, which have adequate capacity to accommodate the new loads. Normal power circuits in the space will be reused. New critical branch circuits for receptacles in the space will be fed from Panel 1PCC in the nearby electrical room. The CT scan equipment will be fed from Panel XR-1 in the hallway electrical closet. To accommodate the added load, the transformer and feeder conductors serving Panel XR-1 will be increased. The conductors will be run in the existing conduit from the transformer in the basement electrical room to Panel XR-1.

Lighting levels are to be based on IESNA standards and provide:

- 50-foot candles at the CT Scan Room (for imaging use only, no invasive procedures)

- 50-foot candles at the Control Room

- 15-foot candles at the Patient Toilet

Fire Protection Systems: The existing fire sprinkler and alarm systems will be modified to provide compliance with NFPA 13 and CBC Chapter 9 in the remodeled areas of work.

5D. Physical environment: The existing hospital building and building systems can accommodate the code mandated physical environment design criteria, and any demand placed upon it by its patients who require CT scanner services.

6. Architectural Space and Equipment Requirements:

6A. Space List: CBC 1224.18.3 Computerized Tomography (CT) Scanning

Room	Number	Room Area	Code Section	Comments
CT Scan Room	1060	474	1224.18.3.1	New improvements
Control Room	1061	121	1224.18.3.1(1)	New improvements
Patient Toilet (Readily accessible)	1098	65	1224.18.3.1 (2)	Existing improvements

6B. (1) Department Gross Square Footage (DGSF): 17,200 s.f.

6B. (2) Building Gross Square Footage (BGSF): 123,207 s.f.

7. Technology requirements: All admitting, accessing, recording and filing of patient medical records are currently supported by the existing Electronic Medical Records (EMR) system. The remodeled areas will be provided with new nurse call devices connected to the existing master station.

8. Short and long-term planning considerations: This project has no impact on future growth, impact on existing adjacent facilities, operations and departments, nor does it limit any flexibility the Emergency Department needs or desires.

End of Statement

