CONDUIT KEYNOTE LEGEND:

- (x) 3/8" CONDUIT TO 1/2" CONDUIT TO ACCESSIBLE CEILING
- (x) 1/2" CONDUIT TO AV BOX IN ROOM
- (x) 1/2" CONDUIT TO ACCESSIBLE CEILING

ELECTRICAL WALL SYMBOLS:

- ELECTRICAL WALL SYMBOLS:
  - ELEC. WALL SYMBOLS:
    - DRAWING NO. REV.
    - GENERAL NOTES:
      - 1. REFER TO ELECTRICAL CONSULTANTS DRAWINGS FOR ACCESS TOハード pharmacist INSTRUCTIONS ON PLUMBING.
      - 2. METAL ELECTRICAL BOXES AND CONDUITS SHALL BE FIRE RATED.
      - 3. WHERE ACCESSIBLE BOXES ARE TO BE PULLED, ELECTRICAL BOXES ARE TO BE FIRE RATED.
      - 4. COORDINATE WALL BOX LOCATION AND ENLARGEMENTS WITH ELECTRICAL CONSULTANTS AND BUILDING MANAGEMENT.
      - 5. COORDINATE ELECTRICAL, MECHANICAL, AND FIRE PROTECTION INSTALLATIONS FOR LOCATION OF ALL ELECTRICAL BOXES.
      - 6. INSTALL CONDUIT FOR ELECTRICAL WIRING TO MAINTAIN A MINIMUM OF 1" SEPARATION FROM PLUMBING CONDUIT.
      - 7. PROVIDE ACCESS PANELS IN CABLE ENTRANCES TO ALLOW INSTALLATION OF ADDITIONAL SYSTEMS.
      - 8. COORDINATE RACK BOX LOCATIONS WITH ARCHITECT.
      - 6. ELECTRICAL CONSULTANTS' PLANS.

- ELECTRICAL WALL SYMBOLS:
  - DRAWING NO. REV.
  - GENERAL NOTES:
    - 1. REFER TO ELECTRICAL INSTALLATION INSTRUCTIONS FOR PLUMBING, AIR SYSTEMS, CEILING, WALL, AND TILES.
    - 2. METAL ELECTRICAL BOXES AND CONDUITS SHALL BE FIRE RATED.
    - 3. WHERE ACCESSIBLE BOXES ARE TO BE PULLED, ELECTRICAL BOXES ARE TO BE FIRE RATED.
    - 4. COORDINATE WALL BOX LOCATION AND ENLARGEMENTS WITH ELECTRICAL CONSULTANTS AND BUILDING MANAGEMENT.
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    - 8. COORDINATE RACK BOX LOCATIONS WITH ARCHITECT.
    - 6. ELECTRICAL CONSULTANTS' PLANS.
PROJECTOR " EXACT LOCATION TBD

MOTORIZED PROJECTION SCREEN FLUSH MOUNTED IN CEILING
145"L x 9.25" H x 12.5" D

SHEET NOTES:
SPEAKER LOCATIONS SHOWN FOR COORDINATION BETWEEN TRADES.
ELECTRICAL, SPRINKLER, AND HVAC TO INSURE NO CONDUIT PIPE OR DUCT INSTALLED THAT WILL OBSTRUCT SPEAKER INSTALLATION.
MAINTAIN 14" CLEARANCE AROUND AND ABOVE PLANNED LOCATIONS.

SPEAKERS PROVIDED AND INSTALLED BY AV CONTRACTOR.
PLENUM CABLING PER SPEC.
ELECTRICAL TO PROVIDE 3/4" CONDUIT THRU FIREWALLS AND ALL WALLS TO STRUCTURE AT DIRECTION WHEN REQUIRED FOR SPEAKER CABLING PASS "THRU.
AV CONTRACTOR TO FIRE SEAL CONDUIT AFTER CABLE INSTALL.
**NOTE:**

- PROJECTOR DETAIL
- PROJECTION SCREEN DETAIL

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**SCREEN ASSEMBLY HOUSING**

- OPENING COVER
- BLACK SIDE MASKING
- IMAGE WIDTH
- IMAGE AREA

---

**PROJECTION SCREEN DETAIL**

**IMAGE AREA**

- HEIGHT OF IMAGE
- EXTRA SCREEN DROP

---

**LOW VOLTAGE SCREEN CONTROL BOX**

- POWER SOURCE
- UP
- DOWN
- COMMON
- GND

---

**HIGH VOLTAGE SECTION**

**LOW VOLTAGE SECTION**

**CONTROL SYSTEM**

- UP
- DOWN
- COMMON
- STOP
- PS BOX

---

**NOTE:**

- PROJECTION SCREEN IS MOTORIZED AND FLUSH MOUNTED IN CEILING.
- ATTACH SCREEN ASSEMBLY TO STRUCTURE ABOVE VIA THREADED ROD.

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**NOTE:**

- LOW VOLTAGE AV INTERFACE CONTROL IS AN OPTION THAT MUST BE SPECIFIED WHEN ORDERING THE PROJECTION SCREEN.
- WIRING DETAILS WILL VARY AMONG MANUFACTURERS. REFER TO MANUFACTURER'S DOCUMENTATION FOR CONNECTION DETAILS.

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**LOW VOLTAGE/POWER SOURCE**

- UP
- DOWN
- COMMON
- GND

---

**HIGH VOLTAGE SECTION**

- UP
- DOWN
- COMMON

---

**CONTROL SYSTEM**

- UP
- DOWN
- STOP
- COMMON
JUNCTION BOX LOCATION
(SINGLE PANEL)

- 6" BOLLARD
- 6" BOLLARD
- 6" BOLLARD

NEW WORK INSTALLATION
WALL OPENING: 11" X 5" 1/4"

(2) SURFACE MOUNTING IN"STOP BRACKET (3 " #6"32 x 6.35mm UNDERCUT FLAT HEAD SCREWS) COVER
(4) PAINTED #6"32 x 19mm OVAL HEAD SCREWS)

OLD WORK INSTALLATION
WALL OPENING: 11" X 5" 1/4"

(2) BLOCK OFF PANEL
(2 " #6"32 x 6.35mm PAN HEAD SCREWS)

AC OUTLET BOX
(4 " #6"32 x 6.35mm PAN HEAD SCREWS)

(2) MADISON CLIP COVER CENTER SECTION
(2 " #6"32 x 12.7mm UNDERCUT FLAT HEAD SCREWS)

SHOWN WITH ACCESSORY LOW"VOLTAGE CONDUIT ENTRY BOX (2 " #6"32 x 6.35mm PAN HEAD SCREWS)

WALL MOUNTED SURFACE COVER CENTER SECTION
(2 " #6"32 x 12.7mm UNDERCUT FLAT HEAD SCREWS)

MOUNTING HOLES
FOR 1/2" DRYWALL
MOUNTING HOLES
FOR 5/8" DRYWALL
DIRECT"TO"STUD MOUNTING HOLES

COVER (4 PAINTED #6"32 x 19.05 OVAL HEAD SCREWS)

1/2" " 5/8" WALL THICKNESS

STUD MOUNTING HARDWARE BY CUSTOMER (#6 SCREW, 12.7mm x 25.4mm STAPLE, OR NAIL)

LOW"VOLTAGE ENTRY BOX (1 INCLUDED)

TOP VIEW

AC OUTLET BOX
(1 INCLUDED)

7.4" 5.2"

0.6" 1.0"

VIEW "A"

7.0" 3.6" 10.9"

WALL MOUNTED SURFACE 1.4"

31_2" FROM WALL MOUNTED SURFACE 2.2" 1.8"

LC

OPPOSITE SIDE IS MIRROR IMAGE

PWB"100 BOX CAN BE ROTATED 180° TO POSITION AC OPENING ON LEFT OR RIGHT SIDE

AC OUTLET BOX
(1 INCLUDED)

LOW"VOLTAGE ENTRY BOX AND AC OUTLET BOX MAY BE MOUNTED ON TOP OR BOTTOM

JUNCTION BOX LOCATION
(DUAL PANEL)

- 6" BOLLARD

NEW WORK INSTALLATION
WALL OPENING: 11" X 5" 1/4"

(2) BLOCK OFF PANEL
(2 " #6"32 x 6.35mm PAN HEAD SCREWS)

SHOWN WITH ACCESSORY LOW"VOLTAGE CONDUIT ENTRY BOX (2 " #6"32 x 6.35mm PAN HEAD SCREWS)

STUD BRACKET (2 " #6"32 x 6.35mm PAN HEAD SCREWS)

STUD MOUNTING HARDWARE BY CUSTOMER (#6 SCREW, 12.7mm x 25.4mm STAPLE, OR NAIL)

LOW"VOLTAGE ENTRY BOX (1 INCLUDED)

TOP VIEW

AC OUTLET BOX
(1 INCLUDED)

4.8" 4.4"

JUNCTION BOX LOCATION
(SINGLE PANEL)

- 6" BOLLARD
- 6" BOLLARD
- 6" BOLLARD

NEW WORK INSTALLATION
WALL OPENING: 11" X 5" 1/4"

(2) SURFACE MOUNTING IN"STOP BRACKET (3 " #6"32 x 6.35mm UNDERCUT FLAT HEAD SCREWS) COVER
(4) PAINTED #6"32 x 19mm OVAL HEAD SCREWS)

OLD WORK INSTALLATION
WALL OPENING: 11" X 5" 1/4"

(2) BLOCK OFF PANEL
(2 " #6"32 x 6.35mm PAN HEAD SCREWS)

AC OUTLET BOX
(4 " #6"32 x 6.35mm PAN HEAD SCREWS)

(2) MADISON CLIP COVER CENTER SECTION
(2 " #6"32 x 12.7mm UNDERCUT FLAT HEAD SCREWS)

SHOWN WITH ACCESSORY LOW"VOLTAGE CONDUIT ENTRY BOX (2 " #6"32 x 6.35mm PAN HEAD SCREWS)

WALL MOUNTED SURFACE COVER CENTER SECTION
(2 " #6"32 x 12.7mm UNDERCUT FLAT HEAD SCREWS)

MOUNTING HOLES
FOR 1/2" DRYWALL
MOUNTING HOLES
FOR 5/8" DRYWALL
DIRECT"TO"STUD MOUNTING HOLES

COVER (4 PAINTED #6"32 x 19.05 OVAL HEAD SCREWS)

1/2" " 5/8" WALL THICKNESS

STUD MOUNTING HARDWARE BY CUSTOMER (#6 SCREW, 12.7mm x 25.4mm STAPLE, OR NAIL)

LOW"VOLTAGE ENTRY BOX (1 INCLUDED)

TOP VIEW

AC OUTLET BOX
(1 INCLUDED)

4.8" 4.4"

JUNCTION BOX LOCATION
(DUAL PANEL)

- 6" BOLLARD

NEW WORK INSTALLATION
WALL OPENING: 11" X 5" 1/4"

(2) BLOCK OFF PANEL
(2 " #6"32 x 6.35mm PAN HEAD SCREWS)

SHOWN WITH ACCESSORY LOW"VOLTAGE CONDUIT ENTRY BOX (2 " #6"32 x 6.35mm PAN HEAD SCREWS)

STUD BRACKET (2 " #6"32 x 6.35mm PAN HEAD SCREWS)

STUD MOUNTING HARDWARE BY CUSTOMER (#6 SCREW, 12.7mm x 25.4mm STAPLE, OR NAIL)

LOW"VOLTAGE ENTRY BOX (1 INCLUDED)

TOP VIEW

AC OUTLET BOX
(1 INCLUDED)
42" FLAT PANEL DISPLAY (NIC)

**ATTACHMENT SPEAKER**

**FLAT PANEL SCREEN MONITOR**

**FLAT PANEL SWING ARM WALL MOUNT**

**INSULATION AS SCHEDULED**

**AC JUMPER BOX & PULL BOX**

**LOCATION REFER TO DRAWING**

**METAL STUDS**

**16" MASONRY SUPPORT BLOCK**

**AC POWER LOCATION**

**SIDE VIEW**

**42" FLAT PANEL DISPLAY (EXTENDED)**

**PLAN VIEW (FULLY EXTENDED 90°)**

**SIDE VIEW**

**42" FLAT PANEL DISPLAY (COLLAPSED)**

**PLAN VIEW (PARTIALLY EXTENDED)**

**PLAN VIEW (FULLY EXTENDED)**

**PLAN VIEW (PARTIALLY EXTENDED)**

**NOTE:** ENSURE THAT THE STRUCTURAL MEMBERS CAN SUPPORT A REDUNDANT WEIGHT FACTOR FIVE TIMES THE COMBINED TOTAL WEIGHT OF THE AUDIOVISUAL EQUIPMENT AND ALL ASSOCIATED HARDWARE AND COMPONENTS.

**PROVIDE SUPPORT BLOCKING FOR FLAT PANEL DISPLAY MONITOR.**

**REFERENCES:**

- FLAT PANEL SWING ARM WALL MOUNT
- PLATE PANEL DISPLAY WALL MOUNT

**DRAWING TITLE:**

- TECHNOLOGY AUDIOVISUAL

**DRAWING NO.:**

- TA404

**SCALE:**

- 1/4" = 1'-0" (ACCUDRAW® 2000)

**DATE:**

- 4/2/2012

**CHECKED BY:**

- BR

**DRAWN BY:**

- JEM

**APPROVED BY:**

- PROJECT MGR.

**OFFICE JOB NO.:**

- 446431

**PROJECT TITLE:**

- TECHNOLOGY AUDIOVISUAL

**DESCRIPTION:**

- AUDIOVISUAL DETAILS

**PROJECT MGR.:**

- WILLIAMSON COUNTY EMERGENCY SERVICES OPERATIONS CENTER