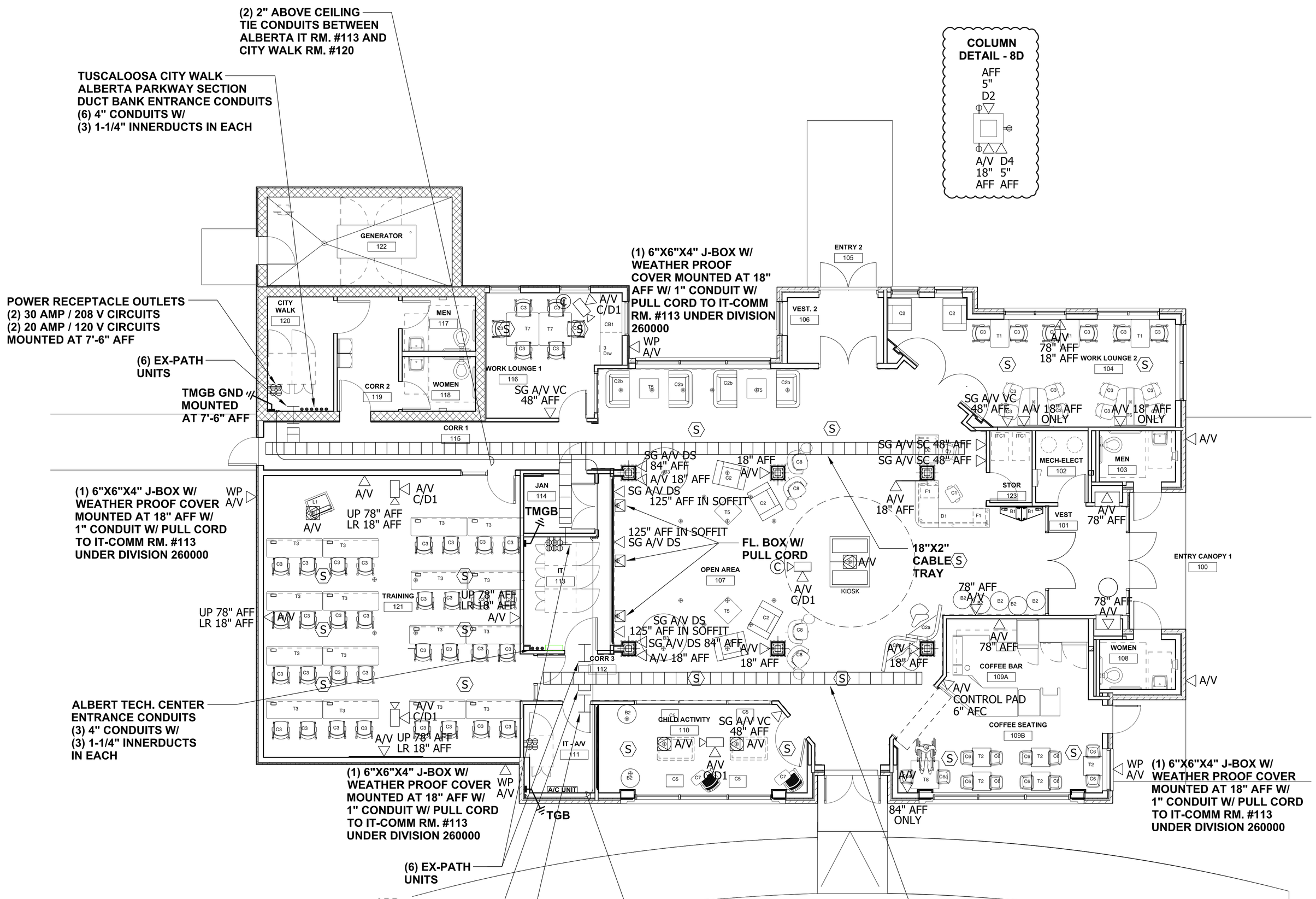

FINAL ISSUED 10/23/15
REVISED A/V FLOOR PLAN DWG - TD101.1

ALBERTA TECH CENTER MAIN LEVEL / IT/DATA

SCALE: 1/4" = 1'

CONTRACTOR NOTE:
1. THE CONTRACTOR SHALL INSTALL ALL DATA 1- 8, CAMERA, ACCESS CONTROL/ DA, CARD READER/ CR, AND WIRELESS ACCESS POINT/ WAP STATION CABLES TO IT/AV- ROOM #113.
2. THE CONTRACTOR SHALL INSTALL ALL AV AND SPEAKER STATION CABLES TO IT/AV- ROOM #113.

CONTRACTOR NOTE:
1. THE CONTRACTOR SHALL PROVIDE/LEAVE ADDITIONAL SLACK ON STATION CABLES AT ALL FLOOR OUTLETS BOXES FOR MODULAR FURNITURE INSTALLATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNDERSTANDING AND COORDINATING THE REQUIRED AMOUNT OF SLACK AT ALL LOCATIONS WITH THE OWNERS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ROUTING THE STATION CABLING THROUGH THE MODULAR FURNITURE AT ALL LOCATIONS.
2. THE CONTRACTOR SHALL INSTALL OSP TYPE CABLE IN UNDERGROUND, AND IN-SLAB CONDUITS. THESE TYPES OF INSTALLATIONS ARE CONSIDERED WET CONDITION LOCATIONS.
3. THE CONTRACTOR SHALL INSTALL TP/TRANSITION POINTS TO CHANGE FROM PLENUM CABLE TYPE TO OSP CABLE TYPE AT ALL LOCATIONS AS REQUIRED.

LEGEND/SYMBOLS

C CR A/V C/D1	A/V - PENDENT MOUNT CAMERA IN CEILING AREA C/D1 125" AFF (1) CAT 6 CABLE / GREEN PLN.
S	- SPEAKER
CR	- CARD READER
RS	- ROOM SCHEDULER SYSTEM
A/V JB	- A/V JUNCTION BOX
A/V	- AUDIO/VISUAL
V/CAB.-CNTL	- VOICE CAB. CONTROL
C/D1	- CAMERA (1) CAT 6 CABLE / GREEN PLN.
WP C/D1	- WEATHER PROOF BOX CAMERA (1) CAT 6 CABLE / GREEN PLN.
W/ D1	- WALL PHONE (1) CAT 6 CABLE / BLUE PLENUM
D2	- DATA (2) CAT 6 CABLES / BLUE PLENUM
D4	- DATA (4) CAT 6 CABLES / BLUE PLENUM
D6	- DATA (6) CAT 6 CABLES / BLUE PLENUM
D8	- DATA (8) CAT 6 CABLES / BLUE PLENUM
C A/V	- AUDIO/VISUAL CEILING MOUNT BOX OTHER A/V CA.'S & (1) CAT 6 CA. / GRAY PLENUM
C D1	- DATA CEILING MOUNT BOX (1) CAT 6 CABLE / GRAY PLENUM
C D2	- DATA CEILING MOUNT BOX (2) CAT 6 CABLES / BLUE PLENUM
D4 A/V	- AUDIO/VISUAL FLOOR BOX OTHER A/V CABLES & (4) CAT 6 CABLE / BLACK OSP.
D6 A/V	- AUDIO/VISUAL FLOOR BOX OTHER A/V CABLES & (6) CAT 6 CABLE / BLACK OSP.
D8 A/V	- AUDIO/VISUAL FLOOR BOX OTHER A/V CABLES & (8) CAT 6 CABLE / BLACK OSP.
D2	- DATA FLOOR BOX (2) CAT 6 CABLES / BLACK OSP.
D4	- DATA FLOOR BOX (4) CAT 6 CABLES / BLACK OSP.
D6	- DATA FLOOR BOX (6) CAT 6 CABLES / BLACK OSP.
D8	- DATA FLOOR BOX (8) CAT 6 CABLES / BLACK OSP.
WAP	- WIRELESS ACCESS POINT (1) CAT 6 CABLE / ORANGE PLENUM
DA/D1	- DOOR ACCESS (1) CAT 6 CABLE / WHITE PLENUM
GB/C 36"	- GLASS BREAKAGE 36" FROM WALL IN CEILING AREA (1) OUTLET BOX & 1" CONDUIT W/PULL CORD TO CABLE TRAY
MD/96" AFF	- MOTION DETECTOR MOUNTED 96" AFF (1) OUTLET BOX & 1" CONDUIT W/PULL CORD TO CABLE TRAY
SG A/V VC 48" AFF	- SINGLE GANG A/V VOLUME CONTROL MOUNTED 48" AFF (1) CAT 6 CABLE / WHITE PLENUM
SG A/V SC 48" AFF	- SINGLE GANG A/V SHADE CONTROL MOUNTED 48" AFF (1) CAT 6 CABLE / WHITE PLENUM
SG-A/V-DS 84" AFF IN SAFIT	- SINGLE GANG A/V DIRECTIONAL SPEAKER MOUNTED 84" AFF IN SAFIT (1) CAT 6 CABLE / WHITE PLENUM
SG-A/V-DS 125" AFF IN SAFIT	- SINGLE GANG A/V DIRECTIONAL SPEAKER MOUNTED 125" AFF IN SAFIT (1) CAT 6 CABLE / WHITE PLENUM
ITCT1	- 18" X 2" CABLE TRAY SYSTEM SOLID BOTTOM (PAINTED WHITE)
	- EZ-PATH UNITS
WL	WIRING LIMIT LINE FOR DATACOM ROOM
TP	- TRANSITION POINT CHANGE FROM NON-PLENUM / PLENUM CABLE TO OSP PLENUM CABLE IN SLAB
	- 12" CABLE RUNWAY (COMM. ROOM)
	- GROUND
TMGB	- TELECOMM. MAIN GROUNDING BUSBAR
TGB	- TELECOMM. GROUNDING BUSBAR
C	- PROPOSED COMMUNICATION CONDUIT SYSTEM, ROUTE AS INDICATED
	- TELECOMM. MAIN GROUNDING BUSBAR
CA	- PROPOSED COPPER CABLE ROUTE
F	- PROPOSED FIBER OPTIC CABLE ROUTE MULTIMODE AND SINGLE-MODE FIBER

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FOR THE CITY OF TUSCALOOSA
2600 University Blvd E,
Tuscaloosa, Alabama

CONSTRUCTION DOCUMENTS

DATE: 06/22/15
PROJ NO: 14-028

REVISIONS
1 ASI - #004 10/07/15

DataCom/Telecom. A/V Floor Plan Drawing

TD102.1
SHEET 3.1 OF 8

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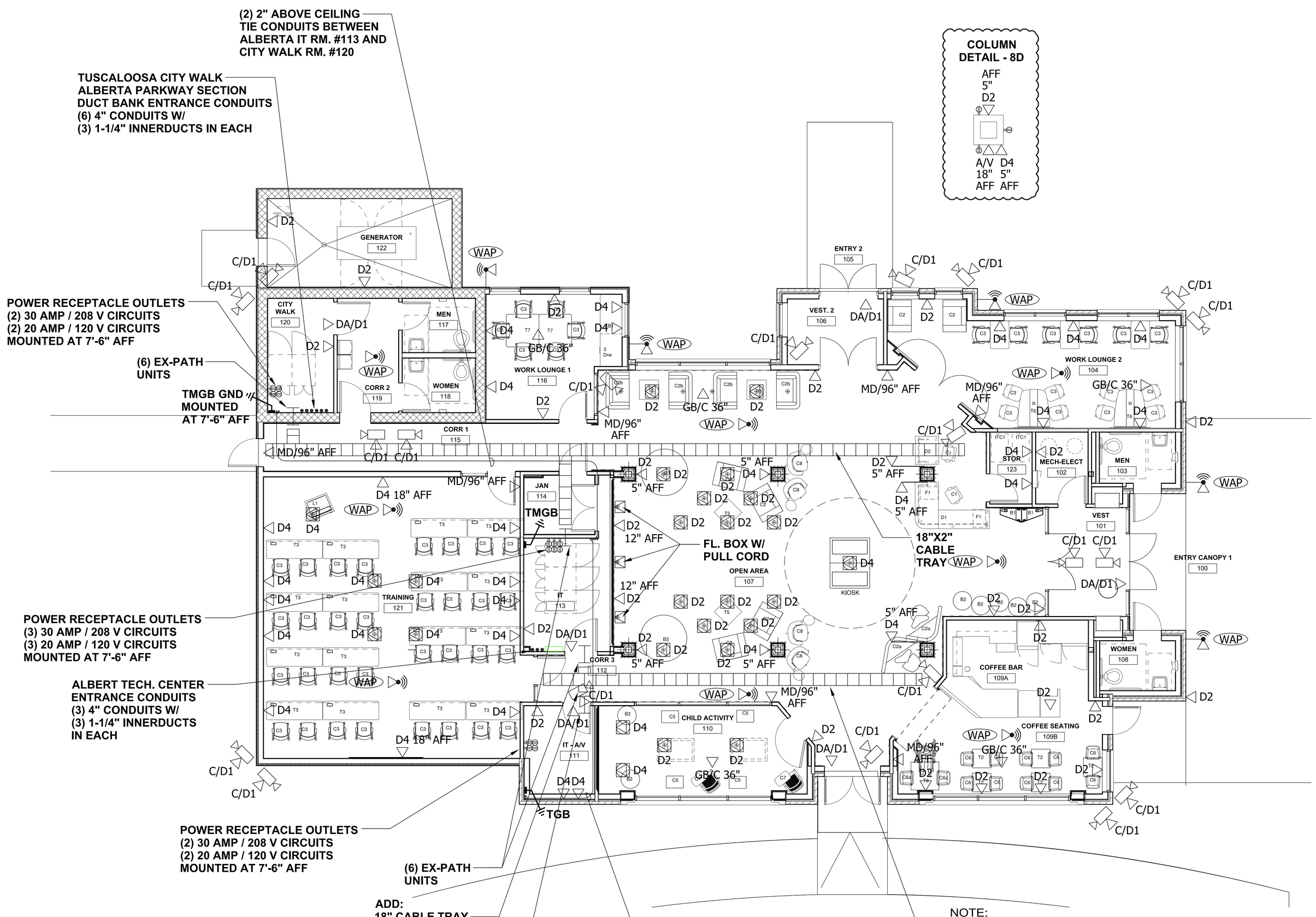
REVISIONS

NO.	DATE	DESCRIPTION	CHKD. APRD.
1	10/07/15	ASI - #004	TSW

•TERRY S. WEAVER•



FINAL ISSUED 10/23/15
REVISED DATA FLOOR PLAN DWG - TD101.1

ALBERTA TECH CENTER MAIN LEVEL / IT/DATA

SCALE: 1/4" = 1'

NOTE:
CABLE TRAY SHALL BE 18"X2" SOLID BOTTOM / POWDER COATED (PAINTED TO MATCH CEILING AREA COLOR AND ARCHITECT'S INSTRUCTION) INSTALLED UNDER DIVISION 26000. DATACOM STATION CONDUITS SHALL BE 1" ROUTED FROM OUTLET BOX TO CABLE TRAY, TERMINATED AND GROUNDED TO THE TRAY (PAINTED WHITE TO MATCH CEILING AREA COLOR) INSTALLED UNDER DIVISION 26000.

CONTRACTOR NOTE:
1. THE CONTRACTOR SHALL INSTALL ALL DATA 1- 8, CAMERA, ACCESS CONTROL/ DA, CARD READER/ CR, AND WIRELESS ACCESS POINT/ WAP STATION CABLES TO IT/AV- ROOM #113.
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3. THE CONTRACTOR SHALL INSTALL TP/TRANSITION POINTS TO CHANGE FROM PLENUM CABLE TYPE TO OSP CABLE TYPE AT ALL LOCATIONS AS REQUIRED.

LEGEND/SYMBOLS

- C / D1 — A/V - PENDENT MOUNT CAMERA IN CEILING AREA C/D1 125" AFF (1) CAT 6 CABLE / GREEN PLN.
- S — SPEAKER
- CR — CARD READER
- RS — ROOM SCHEDULER SYSTEM
- A/V JB — A/V JUNCTION BOX
- A/V — AUDIO/VISUAL
- V/CAB.-CNTL — VOICE CAB. CONTROL
- C/D1 — CAMERA (1) CAT 6 CABLE / GREEN PLN.
- WP C/D1 — WEATHER PROOF BOX CAMERA (1) CAT 6 CABLE / GREEN PLN.
- W/ D1 — WALL PHONE (1) CAT 6 CABLE / BLUE PLENUM
- D2 — DATA (2) CAT 6 CABLES / BLUE PLENUM
- D4 — DATA (4) CAT 6 CABLES / BLUE PLENUM
- D6 — DATA (6) CAT 6 CABLES / BLUE PLENUM
- D8 — DATA (8) CAT 6 CABLES / BLUE PLENUM
- C A/V — AUDIO/VISUAL CEILING MOUNT BOX OTHER A/V CA.'S & (1) CAT 6 CA. / GRAY PLENUM
- C D2 — DATA CEILING MOUNT BOX (1) CAT 6 CABLE / GRAY PLENUM
- C D2 — DATA CEILING MOUNT BOX (2) CAT 6 CABLES / BLUE PLENUM
- D4 A/V — AUDIO/VISUAL FLOOR BOX OTHER A/V CABLES & (4) CAT 6 CABLE / BLACK OSP.
- D6 A/V — AUDIO/VISUAL FLOOR BOX OTHER A/V CABLES & (6) CAT 6 CABLE / BLACK OSP.
- D8 A/V — AUDIO/VISUAL FLOOR BOX OTHER A/V CABLES & (8) CAT 6 CABLE / BLACK OSP.
- D2 — DATA FLOOR BOX (2) CAT 6 CABLES / BLACK OSP.
- D4 — DATA FLOOR BOX (4) CAT 6 CABLES / BLACK OSP.
- D6 — DATA FLOOR BOX (6) CAT 6 CABLES / BLACK OSP.
- D8 — DATA FLOOR BOX (8) CAT 6 CABLES / BLACK OSP.
- WAP — WIRELESS ACCESS POINT (1) CAT 6 CABLE / ORANGE PLENUM
- DA/D1 — DOOR ACCESS (1) CAT 6 CABLE / WHITE PLENUM
- GB/C 36" — GLASS BREAKAGE 36" FROM WALL IN CEILING AREA (1) OUTLET BOX & 1" CONDUIT W/PULL CORD TO CABLE TRAY
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- ITC1 ITC1 — 18" X 2" CABLE TRAY SYSTEM SOLID BOTTOM (PAINTED WHITE)
- EZ-PATH UNITS
- WL — WIRING LIMIT LINE FOR DATACOM ROOM
- TP — TRANSITION POINT CHANGE FROM NON-PLENUM / PLENUM CABLE TO OSP PLENUM CABLE IN SLAB
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1	10/07/15	ASI - #004	TSW

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