






DEVICE AND WIRING LEGEND MISCELLANEOUS (FOR REFERENCE ONLY - ALL F.B.O.)					
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	BACK BOX	WIRING	NOTES
	COMBINATION VOICE/DATA OUTLET	18" AFF U.O.N.	4S BOX W/ 1 GANG RING	(2) X CATEGORY 6 UTP	
	TV OUTLET	REFER TO ARCHITECTURAL PLANS	REFER TO ARCHITECTURAL PLANS	REFER TO ARCHITECTURAL PLANS	
SEC 	SECURITY DATA OUTLET	ABOVE CEILING (REFER TO SECURITY DETAIL SHEETS)	4S BOX W/ 1 GANG TRIM	(1) X CATEGORY 6 UTP	A
	J-HOOK PATHWAY	ABOVE CEILING	N/A	N/A	
WAP 	WIRELESS ACCESS POINT	ABOVE CEILING	SEE NOTE B	(1) X CATEGORY 6UTP	B

FIBER CABLING		
TYPE	COUNT	PART NUMBER
MULTIMODE OM3	12 STRANDS	CORNING 012TU4-T4780D20
SINGLE MODE	12 STRANDS	CORNING 012EU4-T4701D20
LC CONNECTOR		LEVITON 49990-MDL
CABLE STORAGE RING		LEVITON 48900-OFR

DEVICE WIRING COLORS		
DEVICE	CABLE	COLOR
SECURITY CAMERA	CAT6	YELLOW
DATA	CAT6	BLUE
VOICE	CAT6	BLUE
WIRELESS ACCESS POINT	CAT6	GREEN
TELEPHONE	ANALOG	WHITE

INSTALLATION NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. THE CONTRACTOR SHALL NOT INTERMIX ANY HIGH VOLTAGE POWER WIRES (120 VAC) WITH ANY LOW VOLTAGE SIGNAL OR CONTROL WIRES IN ANY CONDUIT.
2. VERIFY ALL FIELD DIMENSIONS AND CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND. VERIFY DIMENSIONS OF ALL OWNER FURNISHED EQUIPMENT & SERVICES TO ENSURE PROPER COORDINATION WITH CONSTRUCTION.
3. SCHEDULE ALL WORK, INCLUDING CONSTRUCTION ACCESS AND STORAGE, WITH THE OWNER OR THOSE DESIGNATED BY THE OWNER. THE CONSTRUCTION SCHEDULE SHALL BE APPROVED BY THE OWNER PRIOR TO THE START OF CONSTRUCTION.
4. ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL EXISTING FACILITIES MUST BE MAINTAINED IN SERVICE AT ALL TIMES (IF APPLICABLE).
5. CONTRACTOR SHALL PROVIDE DUST PROTECTION AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA, BROOM CLEAN ALL AREAS EACH DAY.
6. WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISRUPTION TO THE PUBLIC AND OCCUPANTS OF EXISTING BUILDINGS. INTERRUPTING PERSONNEL AT WORK AS A RESULT OF THIS UNDERTAKING SHALL ALWAYS BE KEPT TO A MINIMUM. CONTRACTOR SHALL PROVIDE TRAFFIC AND SAFETY SIGNS AND BARRIERS WHERE NECESSARY, NO POWER LINE IN THE BUILDING SHALL BE SHUT DOWN AND APPLIED BY THE OWNER IN AVOIDAY.
7. THE CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK ON PREMISES SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING A REASONABLE AND PRUDENT SAFETY PROGRAM INCLUDING, BUT NOT LIMITED TO, THE ISOLATION OF WORK AREAS AND THE PROMPT REMOVAL OF ANY DEBRIS OR TOOLS WHICH MIGHT ENDANGER VISITORS EMPLOYEES OF OTHER TRADESMEN IN THE BUILDING. ALL ROADS AND WALKWAYS SHALL REMAIN CLEAR AND UNOBTSTRUCTED. WHEN NECESSARY ALTERNATE ROUTES MUST BE MAINTAINED, SHOULD UNSAFE CONDITIONS OCCUR.
8. COORDINATE WITH OTHER CONTRACTORS:
IF ANY PART OF THE CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR, THE CONTRACTOR SHALL COORDINATE WITH THAT OTHER CONTRACTOR TO THE MAXIMUM EXTENT POSSIBLE. THE CONTRACTOR SHALL NOT UNDERTAKE SUCH OTHER WORK THAT RENDER IT UNSUITABLE TO RECEIVE THE WORK OF THIS CONTRACTOR, FAILURE TO INSPECT AND REPORT SHALL CONSTITUTE AN ACCEPTANCE OF THE OTHER CONTRACTOR'S WORK EXCEPT AS TO DEFECTS WHICH DEVELOP IN OTHER CONTRACTOR'S WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK.
9. THE CONTRACTORS SHALL ALWAYS MAINTAIN, AT THE JOB SITE, UPDATED "RECORD" DRAWINGS. THESE DRAWINGS SHALL BE AVAILABLE TO THE ARCHITECTS, INSPECTORS OR THE OWNERS UPON REQUEST.
10. ALL CABLES AND HANGERS SHALL BE INSTALLED AND SHALL BE CONNECTED IN A UNIFORM MANNER. TRANSPOSING OR CHANGING OF COLOR CODES SHALL NOT BE PERMITTED. WIRE AND CABLE SIZES, NUMBER OF CONDUCTORS, SHIELDING OF OTHER ITEMS LISTED ON THESE DRAWINGS ARE A GUIDE TO THE CORRECT PRODUCT REQUIRED TO ACHIEVE A WORKING SYSTEM AND REPRESENT THE MINIMUM REQUIREMENTS. STANDARDS FOR THE CABLES AND WIRING SHALL BE IN ACCORDANCE WITH THE REQUIREMENT FOR CABLEING AND USE WHICHEVER IS GREATER IN QUANTITY, QUALITY, GAUGE, SHIELDING AND NUMBER OF CONDUCTORS.
11. VERIFY THE EXACT LOCATION OF ALL EQUIPMENT FURNISHED BY OTHERS PRIOR TO INSTALLING OUTLETS.
12. COORDINATE ALL MODULAR FURNITURE TELEDATA WORK WITH FURNITURE SUPPLIER. CONTRACTOR TO PROVIDE APPROPRIATE TERMINATION PRODUCTS.
13. A PRE PRINTED WIRELY MATERIAL, MARK WRAPPED IN ADHESIVE CLEAR PLASTIC SHALL BE PROVIDED TO THE FOLLOWING:
A. ALL WIRE LEADES WITHIN 2' FROM ANY THERMAL BLOCK.
B. THE CONTRACTOR SHALL SUBMIT SAMPLES OF MARKERS AND ANY NUMBERING OR MARKING SYSTEM FOR REVIEW PRIOR TO IMPLEMENTATION.
14. ALL ROUTING OF WIRING IS DIAGRAMMATIC. CONTRACTOR SHALL FIELD VERIFY EXACT ROUTING PRIOR TO INSTALLATION.
15. ALL CABLE PATHS SHALL RUN PARALLEL WITH OR AT RIGHT ANGLES TO THE WALLS, IF MORE THAN THREE 90 DEGREE BENDS ARE TO BE USED IN THE CONDUIT RUN, INSERT A PULL BOX. CONTRACTOR SHALL SIZE THE BOX ACCORDINGLY. CONDUITS SHALL BE SIZED AS INDICATED ON THE DRAWINGS. CONDUITS SHALL BE INSTALLED TO COMPLY WITH CODE. MINIMUM ALLOWABLE CONDUIT SIZE SHALL BE 1".
16. THE CONTRACTOR SHALL CLEAN AND THOROUGHLY CHECK ALL INSTALLED WORK PRIOR TO CONCEALING OF ARCHITECTURAL FINISHING. CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT AFTER COMPLETION. THE CONTRACTORS SHALL ALSO REPAIR OR CLEAN ALL SOILED SURFACES, PAINTED SURFACES OR DAMAGED ARCHITECTURAL FINISHES TO MATCH THE ADJACENT AREA, WHERE REQUIRED, INCLUDING PATCHING OR PAINTING TO BRING THE AFFECTED SURFACE OR FINISH BACK TO ITS ORIGINAL CONDITION SHALL BE RESPONSABILITY OF THE CONTRACTOR.
17. WHERE THE CONTRACTOR HAS TO CHANGE ANY DEVICE TYPE OR MOUNTING TO SUIT ACTUAL CONDITIONS, THIS SHALL BE DONE WITHOUT EXTRA COST TO THE OWNERS. THIS INCLUDES ANY ADDITIONAL PART TO BE SUPPLIED BY THE CONTRACTOR TO ACCOMPLISH PROPER MOUNTING OF A DEVICE. HOWEVER, IT SHALL BE REQUESTED, SUBMITTED AND APPROVED IN WRITING BEFORE COMMENCING THE WORK.
18. COORDINATE ALL TELEPHONE AND DATA (LAN/WAN) INSTALLATION AND CONNECTION REQUIREMENTS WITH THE OWNERS IT DEPARTMENT REPRESENTATIVE AND THE GENERAL CONTRACTOR.
19. THE CONTRACTOR SHALL UNDERTAKE THIS WORK IN ITS ENTIRETY IN ACCORDANCE WITH ITS DESIGN AND PURPOSE. ALL WORK SHALL BE CARRIED OUT IN A PROFESSIONAL MANNER WITH THE MAXIMUM EFFICIENCY AND EXCELLENT WORKMANSHIP.
20. IN THE EVENT OF A DISCREPANCY BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, WHICHEVER IS MORE STRINGENT OR CALLS FOR THE HIGHEST QUANTITY OR QUALITY OF MATERIALS HAS PRECEDENCE.
21. THE USE OF THE WORD "PROVIDE" IN CONNECTION WITH ANY ITEM SPECIFIED, IS INTENDED TO MEAN THAT SUCH SHALL BE FURNISHED, INSTALLED AND CONNECTED, WHERE SO REQUIRED, EXCEPT AS NOTED OTHERWISE.
22. PRIOR TO SUBMITTAL OF BID, NOTIFY IN WRITING, SPECIFIED MATERIALS OR EQUIPMENT WHICH ARE EITHER UNAVAILABLE OR WILL CAUSE A DELAY IN CONSTRUCTION COMPLETION SCHEDULE.
23. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS FOR ALL DEVICES.
24. REFER TO SECURITY ELECTRONICS DRAWINGS FOR CAMERA LOCATIONS AND COORDINATE ASSOCIATED DATA OUTLETS WITH SECURITY DRAWINGS, ARCHITECTURAL PLANS, AND SITE CONDITIONS.

TELEDATA SHEET LIST




SHEET NUMBER	SHEET NAME
TD001	TELEDATA COVER SHEET
TD021	TELEDATA LEVEL 1 NORTH WING
TD002	TELEDATA LEVEL 1 WEST WING
TD401	TELEDATA ENLARGED PLANS
TD501	TELEDATA DETAILS
TD000	TELEDATA DETAILS

DEVICE LEGEND NOTES

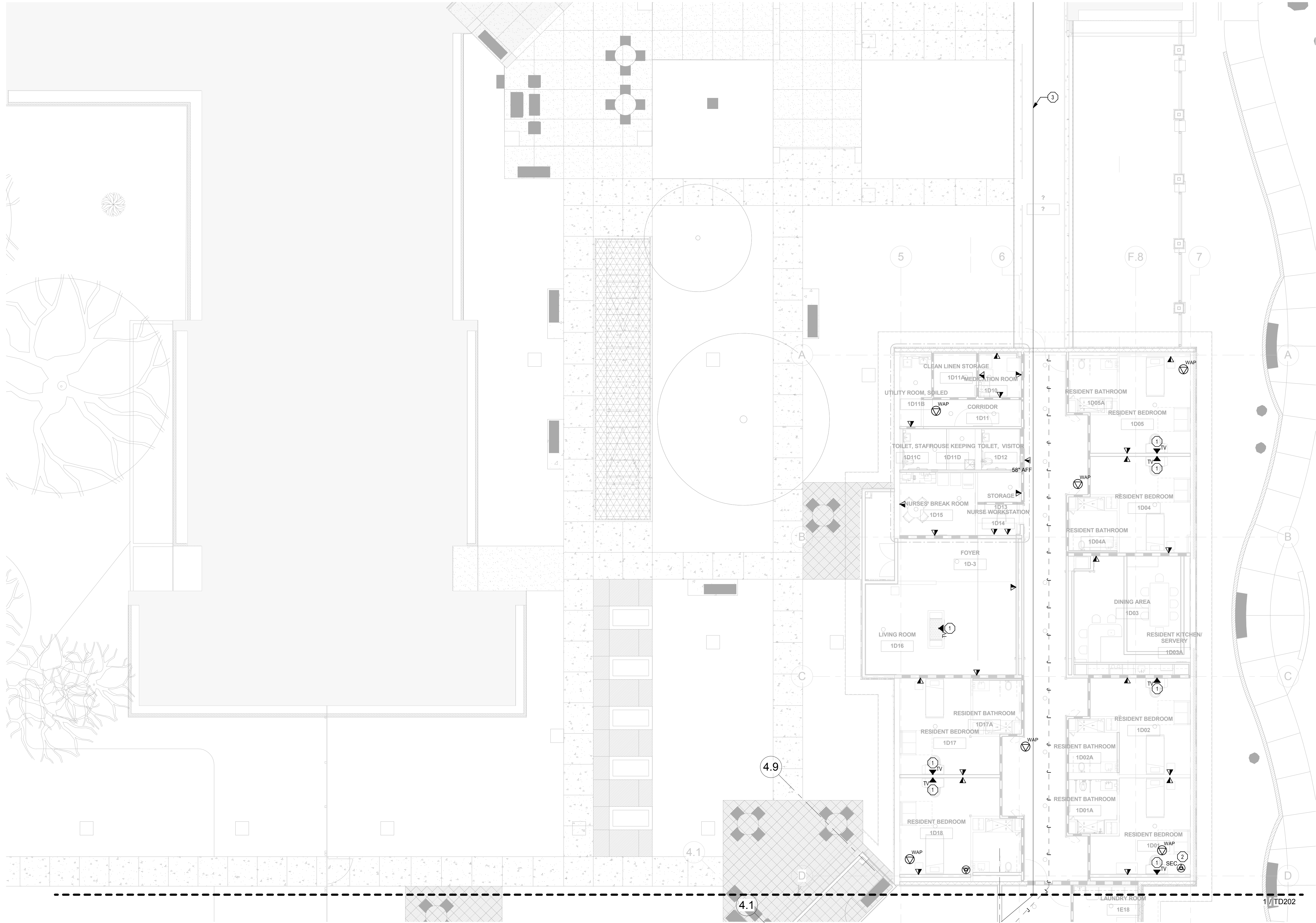
- A. CEILING MOUNTED OUTLET FOR SECURITY CAMERA WITH 6' SLACK LOOP.
- B. WIRELESS ACCESS POINTS BY OTHERS. CONTRACTOR TO PROVIDE AND INSTALL CABLING TERMINATED ON A BISCUIT, WITH 20' SLACK LOOP ABOVE CEILING UNLESS OTHERWISE NOTED.

ABREVIATIONS

A.F.F. - ABOVE FINISHED FLOOR	U.O.N. - UNLESS OTHERWISE NOTES
T.B.D. - TO BE DETERMINED	F.O.V. - FIELD OF VIEW
N/A - NOT APPLICABLE	A.C.P. - ACCESS CONTROL PANEL
SH - SHIELDED	I.A.P. - INTRUSION ALARM PANEL
TW - TWISTED	V.I.F. - VERIFY IN FIELD
WP - WEATHER PROOF	(E) - EXISTING
S.O.C. - SECURITY OPERATIONS CENTER	(N) - NEW
RECP - RECEPTION	(E/R) - EXISTING/REPLACE

		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title TELEDATA COVER SHEET		Project Title EXPAND COMMUNITY LIVING CENTER PHASE 1		Project Number 570-218		Office of Construction and Facilities Management			
						 POLYTECH ASSOCIATES INC. 235 Pine Street, 17th Floor San Francisco, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517		Approved: Project Director		Location 2615 E. CLINTON AVE. FRESNO, CA 93703-2223		Building Number 31					
ADDENDUM NO. 1 Revisions:		01/06/2016 Date								Date 11/19/2015		Checked TW		Drawn AK/KE		 Department of Veterans Affairs	
														Drawing Number TD001 Dwg. of			

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



KEYNOTES - TD201

- SEE ELECTRICAL SHEET EP101
- SECURITY CAMERA DATA DROP FOR EXTERIOR CAMERA. COORDINATE MOUNTING WITH SECURITY CONTRACTOR AND ARCHITECT.
- NEW COPPER AND FIBER BACKBONE CONNECTION TO EXISTING MAIN COMPUTER/SWITCH ROOM. FIBER SHALL BE 12 STRAND MM OM3 AND 12 STRAND SM FIBER ON LC CONNECTORS.

GENERAL NOTES - TD201

- NEW COPPER AND FIBER BACKBONE CONNECTION FROM MAIN COMPUTER/SWITCH ROOM TO TR 1E17 SHALL BE PROVIDED. COORDINATE QUANTITY WITH VA-IT FIELD COORDINATE FINAL ROUTING.
- NEW COPPER AND FIBER BACKBONE SHALL BE PROPERLY ROUTED AND TAGGED TO NOT BE REMOVED DURING SUBSEQUENT CONSTRUCTION PHASES.
- WIRELESS ACCESS POINTS SHOWN FOR CABLING REQUIREMENTS ONLY. CONTRACTOR SHALL PULL (1) CAT 6 CABLE TO EACH LOCATION AND LEAVE ABOVE CEILING WITH 20' SLACK LOOP. TERMINATE CABLE ON BISCUIT.

1 TELEDATA - NORTH WING
1/8" = 1'-0"

CONSULTANTS:

ARCHITECT/ENGINEERS:

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San Francisco, CA 94104
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Drawing Title
TELEDATA LEVEL 1
NORTH WING

Approved: Project Director

Project Title
EXPAND COMMUNITY LIVING CENTER
PHASE 1

Location
2615 E. CLINTON AVE. FRESNO, CA 93703-2223

Date
11/19/2015

Checked
TW

Drawn
AK/KE

Project Number
570-218

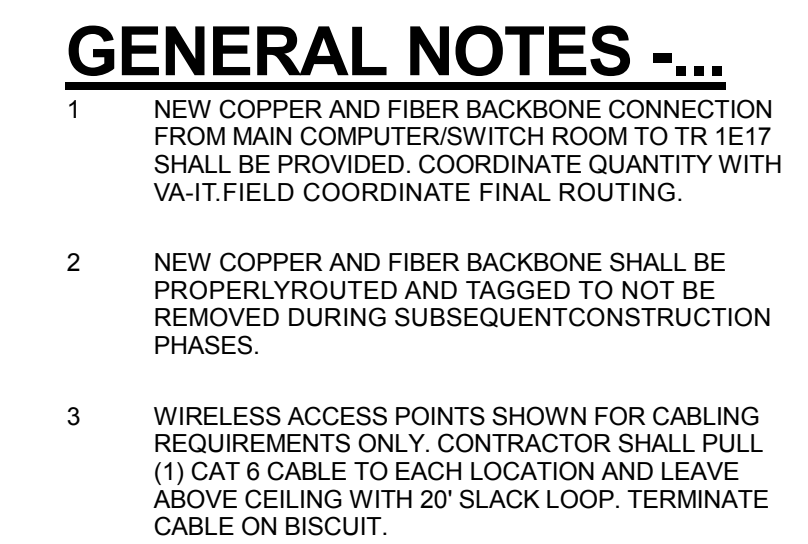
Building Number
31


Drawing Number
TD201

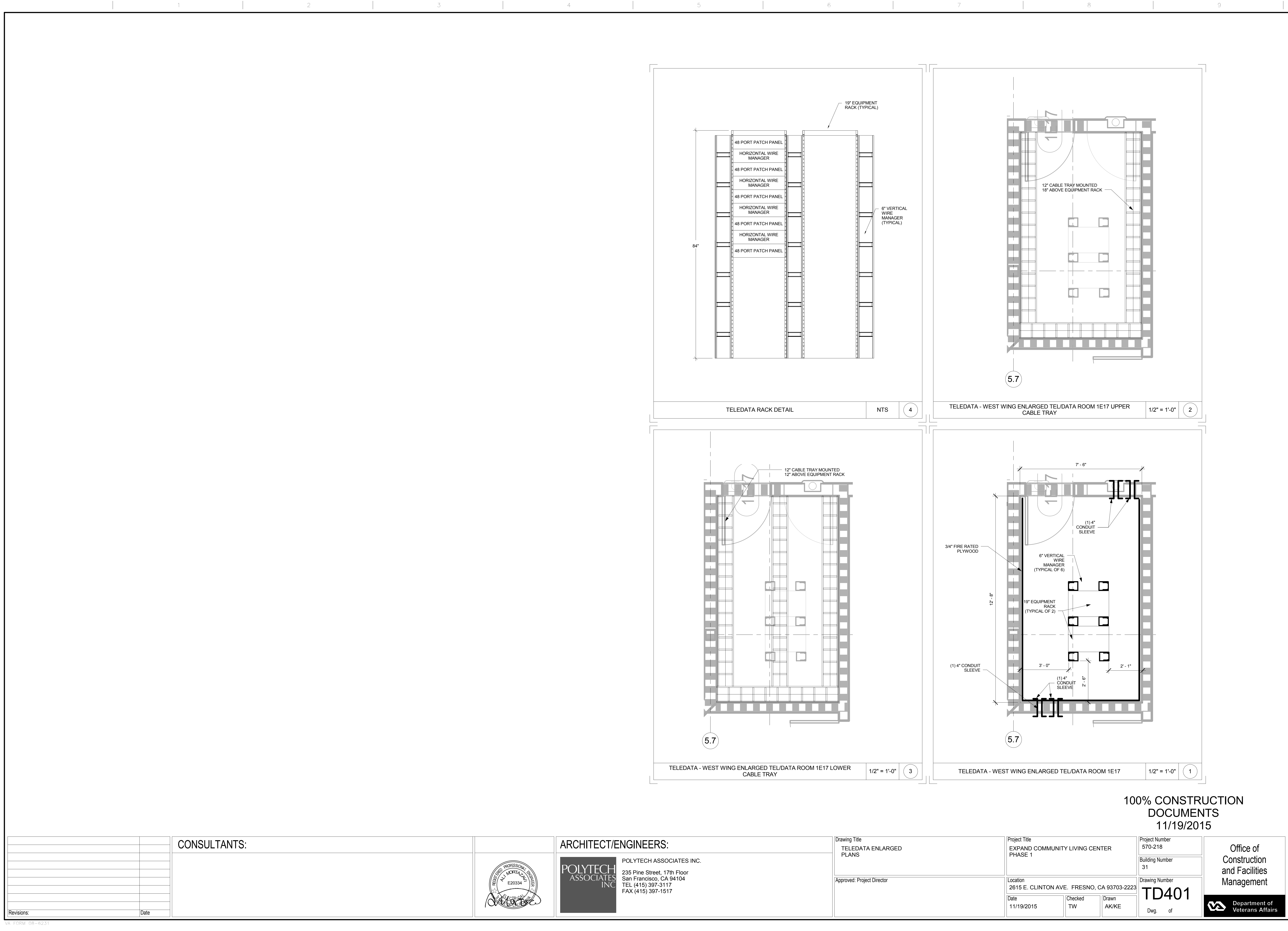
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Office of
Construction
and Facilities
Management

Department of
Veterans Affairs



Project Title EXPAND COMMUNITY LIVING CENTER PHASE 1			Project Number 570-218		<div>Office of Construction and Facilities Management</div> <div>  <div>Department of Veterans Affairs</div> </div>
			Building Number 31		
Location 2615 E. CLINTON AVE. FRESNO, CA 93703-2223			Drawing Number TD202		
Date 11/19/2015	Checked TW	Drawn AK/KE	Dwg. of		



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ALL DETAILS ARE DIAGRAMMATIC IN NATURE. REFER TO FLOOR PLANS AND MANUFACTURERS INSTALLATION MANUALS FOR FURTHER INFORMATION.

PATCH PANEL FOR HORIZONTAL CABLES - FOR TERMINATING COPPER HORIZONTAL CABLES

NTS

H

GENERAL NOTES:

1. TEXT ON LABEL MUST FACE THE SAME DIRECTION ON ALL CORDS.

PATCH CORD LABEL EXAMPLE - TYPICAL FOR ALL DATA EQUIPMENT CORDS

NTS

G

ALL DETAILS ARE DIAGRAMMATIC IN NATURE. REFER TO FLOOR PLANS AND MANUFACTURERS INSTALLATION MANUALS FOR FURTHER INFORMATION.

CABLE RUNWAY AT WALL & TYP. INTERSECTION

NTS

F

"FILL CAPACITY" FOR LOW VOLTAGE APPLICATIONS

2" CRADLE: UP TO 95 EA. 4-PAIR UTP OR 2-STRAND FIBER OPTIC CABLE OR 70 EA. CAT6.

3-1/2" CRADLE: UP TO 280 EA. 4-PAIR UTP OR 2-STRAND FIBER OPTIC CABLE OR 225 EA. CAT6. (SUBJECT TO LOAD LIMITATIONS ABOVE)

ALL DETAILS ARE DIAGRAMMATIC IN NATURE. REFER TO FLOOR PLANS AND MANUFACTURERS INSTALLATION MANUALS FOR FURTHER INFORMATION.

J-HOOK WALL MOUNT FOR LOW VOLTAGE CABLE

NTS

E

NOTE:

MAXIMUM SUPPORT SPACING: 6 FEET O.C. MAXIMUM TOTAL UNIFORM LOAD, 10 LBS/LF. MAXIMUM LOAD PER "CLIP-ON": 25 LBS MAXIMUM TOTAL PER HANGER, 45 LBS MAY BE LIMITED BY FASTENER TENSION DESIGN VALUE (BELOW).

J-HOOK CEILING FOR LOW VOLTAGE CABLE

NTS

D

GENERAL NOTES:

1. CONFIGURATION IS STANDARD FOR ALL IN-WALL COMMUNICATION OUTLETS U.O.N.

TYPICAL COMMUNICATIONS OUTLET BACKBOX & CONDUIT DETAIL

NTS

C

ALL DETAILS ARE DIAGRAMMATIC IN NATURE. REFER TO FLOOR PLANS AND MANUFACTURERS INSTALLATION MANUALS FOR FURTHER INFORMATION.

TYPICAL TELECOMMUNICATIONS RACEWAY AND OUTLET BOX

NTS

B

GENERAL NOTE:

1. FOR SECURITY CAMERA CABLING, TERMINATE ONE CABLE IN BACKBOX. REFER TO SECURITY DETAIL SHEETS.

TYPICAL DUAL VOICE/DATA OUTLET DETAIL

NTS

A

Revisions:		Date:	
CONSULTANTS:			
ARCHITECT/ENGINEERS:			
Drawing Title TELEDATA DETAILS		Project Title EXPAND COMMUNITY LIVING CENTER PHASE 1	
Approved: Project Director		Location 2615 E. CLINTON AVE. FRESNO, CA 93703-2223	
Date 11/19/2015		Checked TW	Drawn AK/KE
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Department of
Veterans Affairs

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