SUNDAR APARTMENTS

DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

*THIS TECHNOLOGY DRAWING SET IS PENDING THE JOINT TRENCH DESIGN FROM THE SERVICE PROVIDER(S) TO COMPLETE CONDUIT ROUTING ON SITE - NOT FINALIZED FOR CONSTRUCTION

TECHNOLOGY SET DRAWING INDEX				
Sheet		In annual Tible	Janua Data	
Number	Sheet Description	Issuance Title	Issue Date	
Technology S	et - General Information Sheet			
TG-000	BUILDING TECHNOLOGY PROJECT COVER SHEET	IFC SET	06.11.2021	
TG-001	PROJECT SCOPE OF WORK SCHEDULE	IFC SET	06.11.2021	
Technology So	et - DataComm/Network System Sheets			
TD-000	DATACOMM/NETWORK SYSTEM COVER SHEET	IFC SET	06.11.2021	
TD-010	SITE PLAN - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021	
TD-101	LEVEL 1 - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021	
TD-102	LEVEL 2 - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021	
TD-103	LEVEL 3 - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021	
TD-200	DATACOMM IDF ELEVATION	IFC SET	06.11.2021	
TD-400	DATACOMM SYSTEM UNIT PLANS	IFC SET	06.11.2021	
TD-401	DATACOMM SYSTEM UNIT PLANS	IFC SET	06.11.2021	
TD-500	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021	
TD-501	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021	
Technology So	et - CCTV Camera System Sheets			
TC-000	CCTV SYSTEM COVER SHEET	IFC SET	06.11.2021	
TC-010	SITE PLAN - CCTV SYSTEM LAYOUT	IFC SET	06.11.2021	
TC-101	BUILDING 2 - LEVEL 1 - CCTV SYSTEM LAYOUT	IFC SET	06.11.2021	
TC-500	CCTV SYSTEM SCHEDULE & DETAIL	IFC SET	06.11.2021	

PROJECT CODE SUMMARY:

APPLICABLE CODE SERIES: 2015 INTERNATIONAL BUILDING CODE

2017 NATIONAL ELECTRIC CODE 2015 INTERNATIONAL FIRE CODE

OCCUPATION GROUP: R2 RESIDENTIAL AT LEVELS 1 THRU 3

CONSTRUCTION TYPE: TYPE VA AT RESIDENTIAL LEVELS 1 THRU 3

PRIMARY BUILDING USE: RESIDENTIAL

BUILDING FLOORS: 3 LEVELS ABOVE GRADE

UNITS PER BUILDING: 36 UNITS PER RESIDENTIAL BUILDING (9 OCCURANCES)

PROJECT UNIT TOTALS:

81 STUDIO UNITS IN PROJECT
135 1-BED UNITS IN PROJECT

108 2-BED UNITS IN PROJECT 324 TOTAL UNITS IN PROJECT

ABBREVIATIONS:

AC - ABOVE COUNTER-TOP AFF - ABOVE FINISH FLOOR

BDA - BI-DIRECTIONAL AMPLIFICATION BLDG - BUILDING

HDWR - HARDWARE POE - POWER OVER ETHERNET

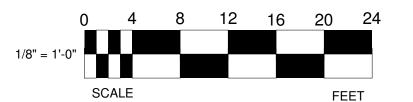
REX - REQUEST TO EXIT

UPS - UNINTERRUPTIBLE POWER SUPPLY

WAP - WIRELESS ACCESS POINT

ANNOTATION LEGEND:

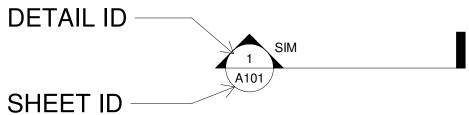
GRAPHIC SCALE



NORTH ARROW REFERENCE

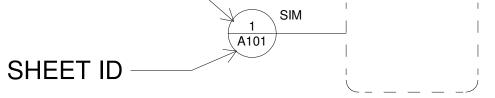


SECTION REFERENCE

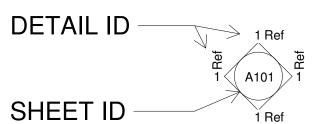


DETAIL ID

DETAIL REFERENCE



ELEVATION REFERENCE



PROJECT DIRECTORY:

DEVELOPER:
MILESTONE DEVELOPMENT GROUP
1400 16TH STREET
DENVER, CO 80202
P: 303.298.7270

ARCHITECT: KEPHART ARCHITECTS 2555 WALNUT STREET DENVER, CO 80205 P: 303.832.4474

ELECTRICAL ENGINEER:
RG ENGINEERING CONSULTANTS INC
8811 EAST HAMPDEN AVENUE
SUITE 200
DENVER, CO 80231
P: 303.355.5534

CIVIL ENGINEER: JEHN ENGINEERING 5690 WEBSTER STREET ARVADA, CO 80002 P: (303) 423-6036

LANDSCAPE ARCHITECT: THE HENRY DESIGN GROUP 1501 WAZEE STREET SUITE 1-C DENVER, CO 80202 P: (303) 446-2368

TECHNOLOGY CONSULTANT: EVERBASE CONSULTING SOLUTIONS DENVER | CO P: 720-930-7775 O: 885-255-5521 TECHNOLOGY CONSULTANT

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SUNDAR APARTMENTS
DILLON ROAD & SOUTH 122TH STREET
LAFAYETTE, COLORADO

ORIGINAL ISSUANCE: DATE:

IFC SET

REVISIONS

REVISION DATE DELTA

SYSTEM DESIGNER:

SYSTEM REVIEWER:

Checker

ECS JOB NUMBER:

EC-1023

SHEET INFORMATION

SHEET TITLE:

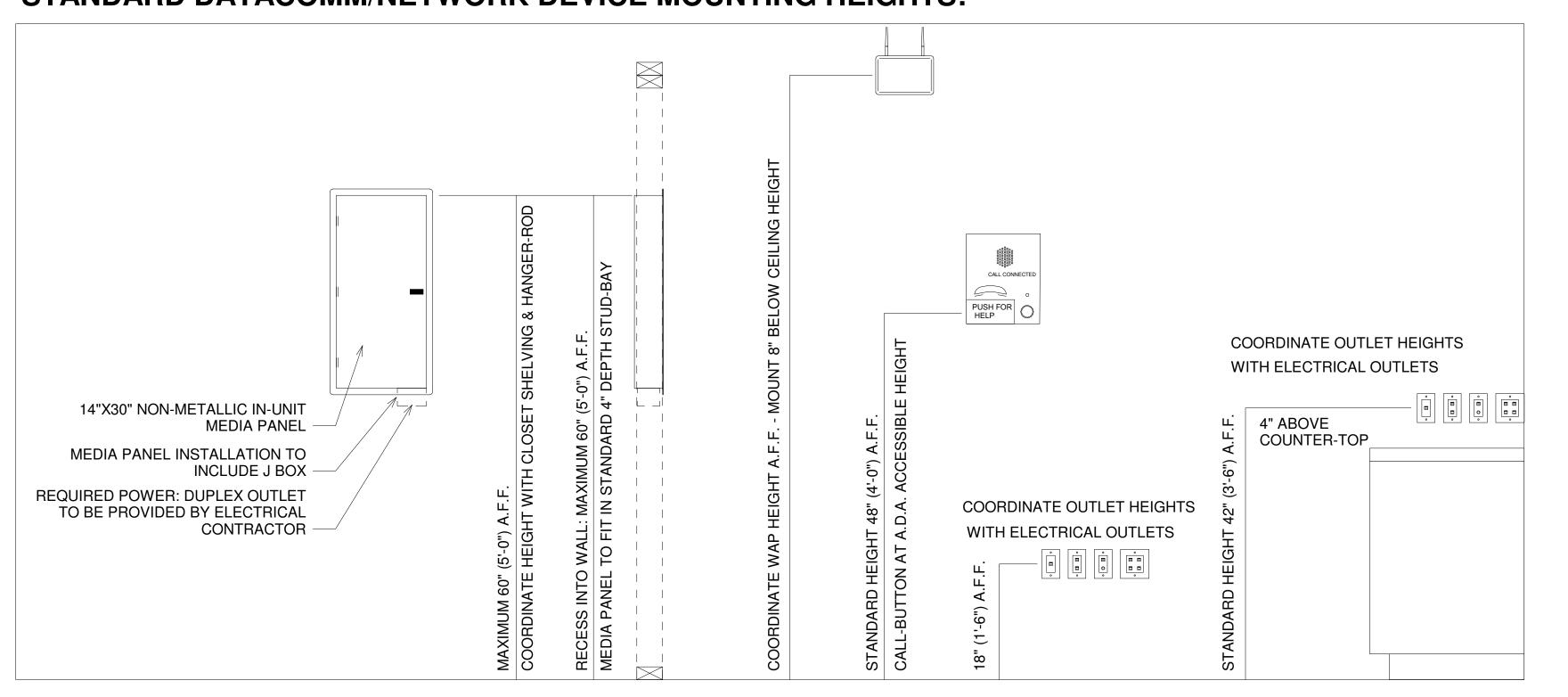
BUILDING TECHNOLOGY
PROJECT COVER SHEET

TG-000

DATA COMM/NETWORK SYSTEM DRAWING INDEX				
Sheet Number	Sheet Description	Issuance Title	Issue Date	
Technology S	et - DataComm/Network System Sheets			
TD-000	DATACOMM/NETWORK SYSTEM COVER SHEET	IFC SET	06.11.2021	
TD-010	SITE PLAN - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021	
TD-101	LEVEL 1 - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021	
TD-102	LEVEL 2 - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021	
TD-103	LEVEL 3 - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021	
TD-200	DATACOMM IDF ELEVATION	IFC SET	06.11.2021	
TD-400	DATACOMM SYSTEM UNIT PLANS	IFC SET	06.11.2021	
TD-401	DATACOMM SYSTEM UNIT PLANS	IFC SET	06.11.2021	
TD-500	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021	
TD-501	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021	

	DATACON	MM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	ELEVATION	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
NS	°	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK)	1-CAT6 TO PRIMARY NETWORK PATCH PANEL - REQUIRED POWER: 1 DUPLEX OUTLET (REFER TO SHEET TD-600 FOR NETWORK DETAIL)
PP		NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)	CAT6 TO NETWORK SWITCH - REQUIRED POWER: 1 DUPLEX OUTLET (REFER TO SHEET TD-600 FOR NETWORK DETAIL)
FS	000000	NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK)	1-CAT6 TO PRIMARY NETWORK PATCH PANEL - REQUIRED POWER: 1 DUPLEX OUTLET (REFER TO SHEET TD-600 FOR NETWORK DETAIL)
WAP		WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS	1-CAT6 TO POE PATCH PANEL IN ASSOCIATED IDF ROOM - T-568B RJ-45 TERMINATION
E	PUSH FOR HELE	EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)	1-CAT6 TO PATCH PANEL IN ASSOCIATED IDF ROOM - T-568B RJ-45 TERMINATION
WM FM	0	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	0	DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	2-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	0	DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)	2-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	•	QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	4-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	0	DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)	4-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM TV	© 0 0	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-RG6 & 1-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM TV	0	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-RG6 & 2-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
	SEE BELOW	IN-UNIT NON-METALLIC MEDIA PANEL (RECESS MOUNTED IN-WALL)	SEE UNIT SHEETS FOR REQUIRED WIRING FROM UNIT TO ASSOCIATED IDF - REQUIRED POWER: 1 DUPLEX OUTLET IN BASE OF ENCLOSURE

STANDARD DATACOMM/NETWORK DEVICE MOUNTING HEIGHTS:



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SUNDAR APARTMENTS
DILLON ROAD & SOUTH 122TH STREET
LAFAYETTE, COLORADO

IFC SET	06.11.20
	00.1.1120
REVISION: DATE	: DELTA:
SYSTEM DESIGNER:	
SYSTEM REVIEWER:	
	Checker
ECS JOB NUMBER:	E0 1000
OUEET INFORMATION	EC-1023
SHEET INFORMATION SHEET TITLE:	
SHEET HILL.	



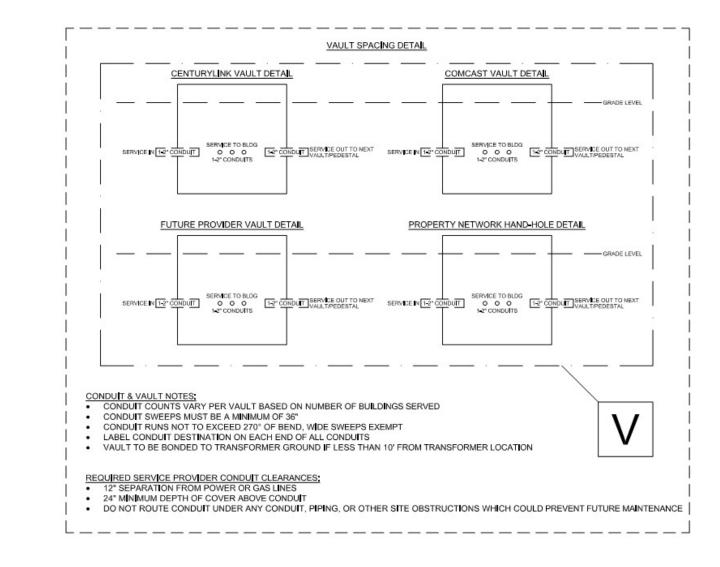
APPROXIMATE JOINT-TRENCH 4-2" CONDUIT RUN-LENGTH: 2957 APPROXIMATE BUILDING LATERAL 4-2" CONDUIT RUN-LENGTH: 1931 APPROXIMATE TOTAL 4-2" CONDUIT RUN-LENGTH: 13888

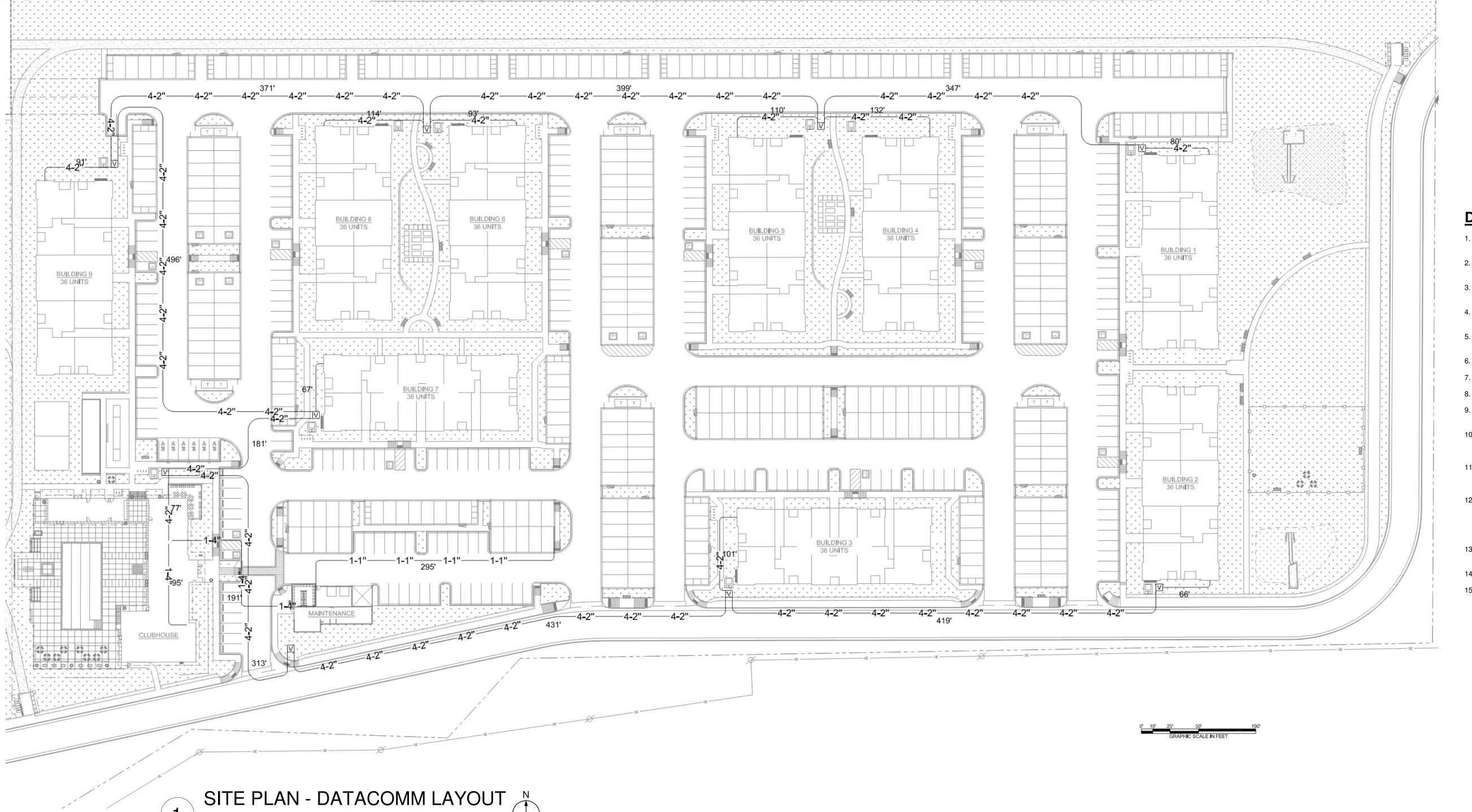
APPROXIMATE PROVIDER ENTRY 1-4" CONDUIT RUN-LENGTH: TBD

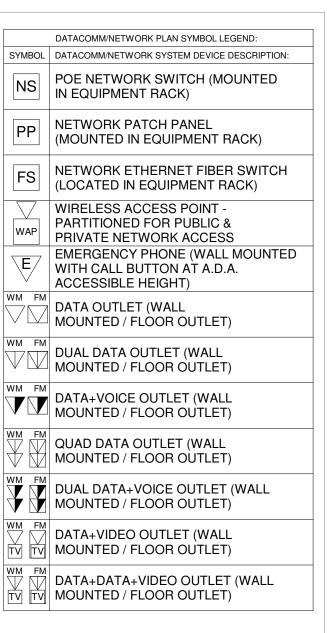
APPROXIMATE BUILDING TECHNOLOGY SYSTEM INTERCONNECTION 1-4" CONDUIT RUN-LENGTH: '286'

1/48" = 1'-0"

RESIDENTIAL BUILDINGS: 36-PLEX (9 OCCURRENCES)
TOTAL UNITS IN PROJECT: 324 UNITS







CONDUIT LEGEND

LINE TYPE DESCRIPTION

1-4" CONDUIT FOR SERVICE
PROVIDER ENTRY (PROVIDER
ALLOCATION DESIGNATED
WITH KEYNOTE)

-2"----4-2"

SERVICE & SYSTEM BACKBONE
CONDUIT - CEILING MOUNTED:
1-2" WITH METERED
PULL STRING FOR

CENTURYLINK SERVICE
DISTRIBUTION

1-2" WITH METERED
PULL STRING FOR
COMCAST SERVICE
DISTRIBUTION

1-2" FOR FUTURE
SERVICE DISTRIBUTION

1-2" FOR PROPERTY

NETWORK CONNECTION

DATACOMM/NETWORK NOTES

 REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING

REQUIREMENTS & MOUNTING HEIGHTS
2. REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK

DEVICE LAYOUT

3. REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL

REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT

DATACOMM/NETWORK DEVICE LAYOUT
REFER TO DATACOMM/NETWORK DETIAL SHEETS
FOR DATACOMM/NETWORK SYSTEM DETAILS &

DIAGRAMS
CABLE & CONDUIT ROUTING SUBJECT TO CHANGE

BASED ON FIELD CONDITIONS
ELECTRICAL CONTRACTOR TO PROVIDE POWER AS

SPECIFIED
ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS
SPECIFIED

ALL CABLING IS TO BE ROUTED THROUGH
DESIGNATED CONDUIT, SLEEVING & PULL BOX BY
INSALLING CONTRACTOR

SERVICE PROVIDER & SYSTEMS NETWORK
BACKBONE CONDUIT TO BE LIMITED TO 270° OF
BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO
BE 36" MINIMUM RADIUS

1. ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER TERMINATIONS

2. UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE

PROVIDERS DESIGN

13. WIRELESS ACCESS POINTS TO PROVIDE
PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR

SECURE STAFF-ONLY NETWORK ACCESS

14. BLOCKING REQUIRED AT ALL COMMON AREA TV
LOCATIONS

COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

NDAR APARTMENTS

LLON ROAD & SOUTH 122TH STREET

LAFAYETTE, COLORADO

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

EVERBASE

DENVER | CO

P: 720-930-7775

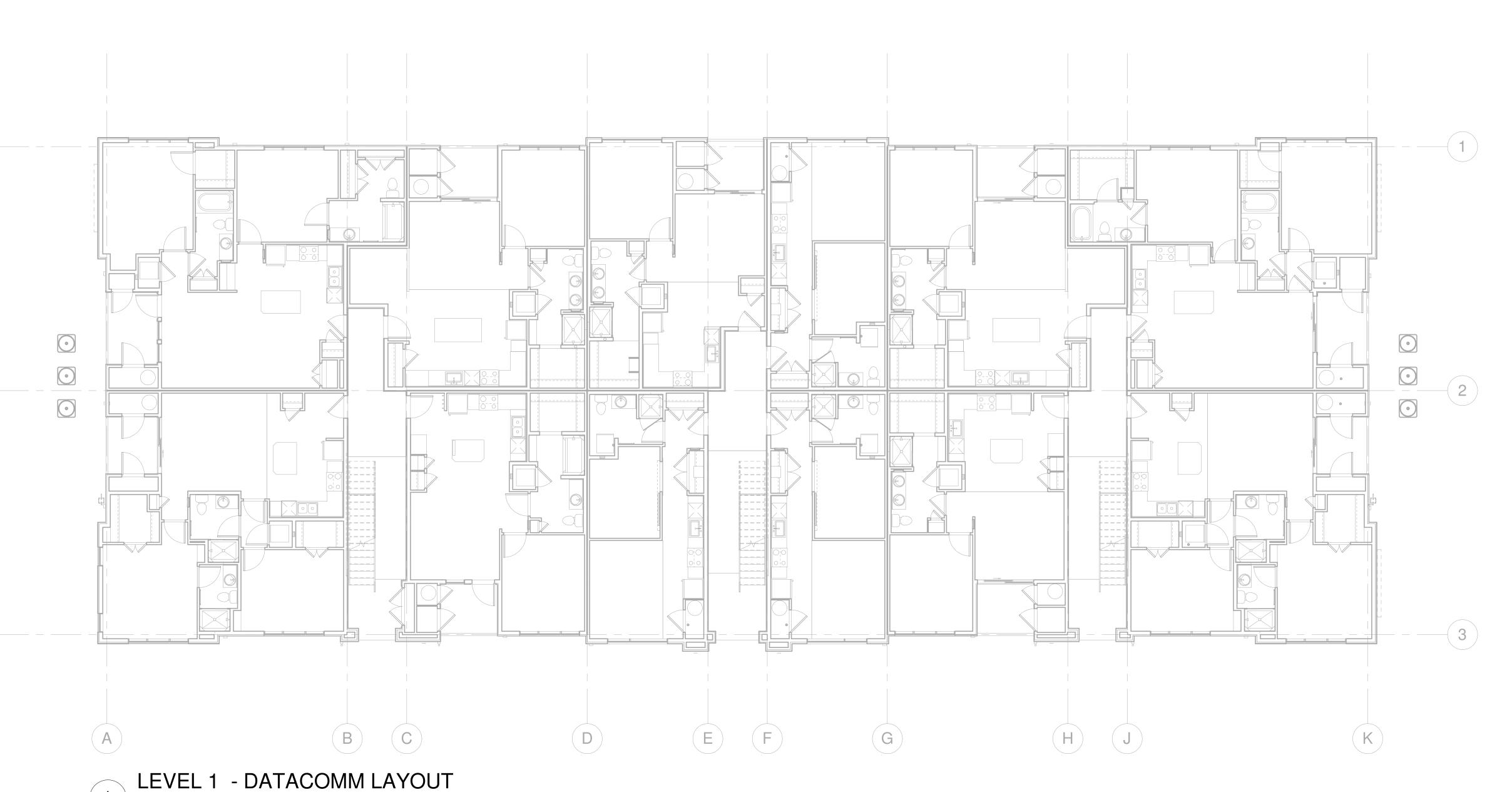
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O: 855-255-5521

RIGINAL ISSUANCE:		DATE:
FC SET		06.11.202
REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
YSTEM REVIEWER:		
131EW REVIEWER.		OI 1
CS JOB NUMBER:		Checker
CO JOB NOMBER.		EC-1023
HEET INFORMATION		
HEET TITLE:		
SITE PLAN	$D\Lambda T\Lambda$	
SHEFLAN	- DATA	

TD-010

SYSTEM LAYOUT



1/8" = 1'-0"

DATACOMM/NETWORK PLAN SYMBOL LEGEND: SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) WIRELESS ACCESS POINT -PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DATA OUTLET (WALL MOUNTED / FLÒOR OUTLET) DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+VIDEO OUTLET (WALL |m mounted / floor outlet) DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

DATACOMM/NETWORK NOTES

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK
- DEVICE LAYOUT REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT &
- RISER ROUTING DETAIL REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT
- DATACOMM/NETWORK DEVICE LAYOUT REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS &
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY
- INSALLING CONTRACTOR SERVICE PROVIDER & SYSTEMS NETWORK
- BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO BE 36" MINIMUM RADIUS 11. ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER
- GROUND AT EACH MDF/IDF ROOM TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER **TERMINATIONS** 12. UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED. PER THIS DESIGN. * SHOULD UNITS BE
- WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE PROVIDERS DESIGN
- WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE STAFF-ONLY NETWORK ACCESS
- BLOCKING REQUIRED AT ALL COMMON AREA TV
- LOCATIONS COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

EVERBASE

DENVER | CO

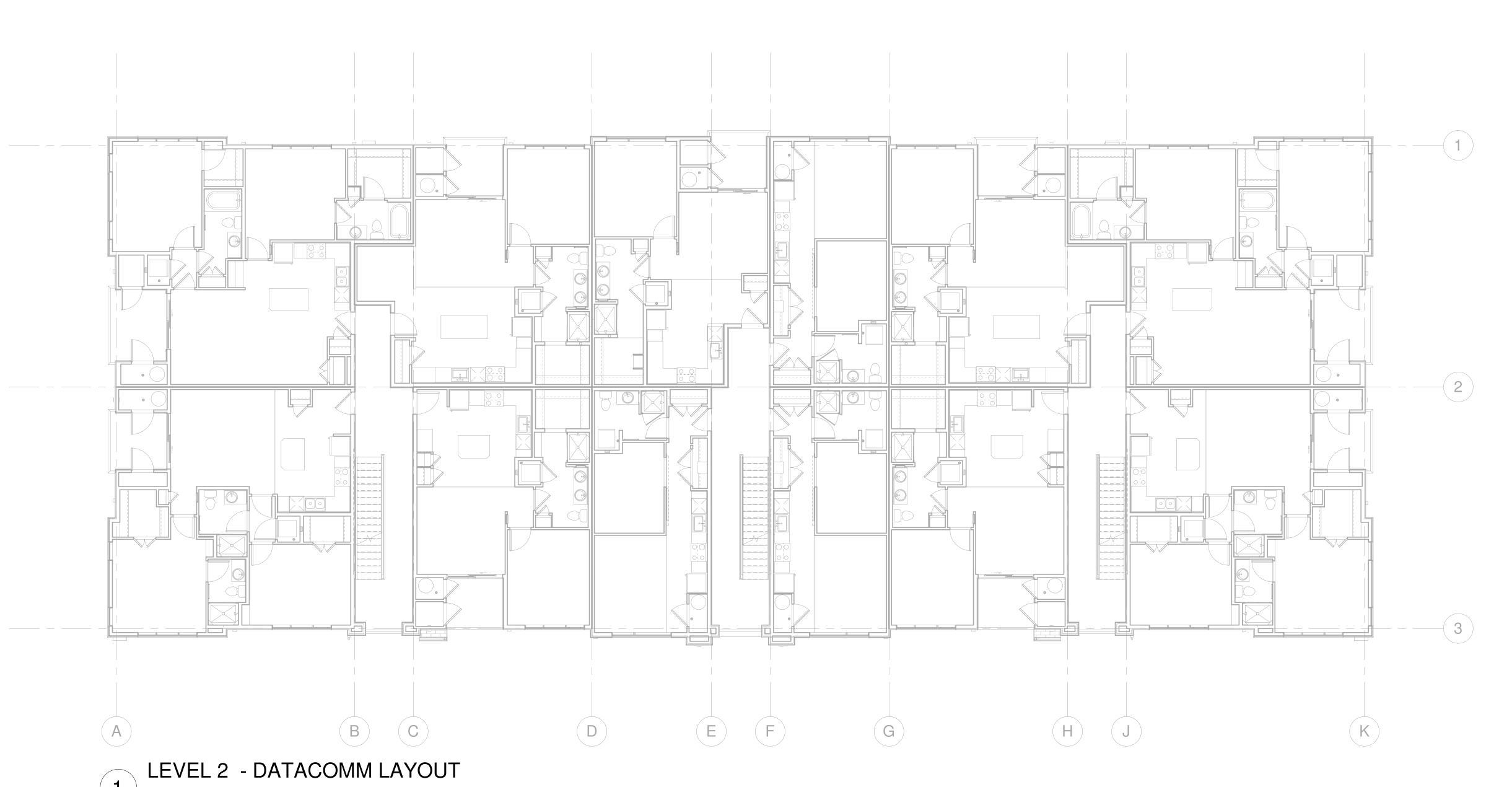
P: 720-930-7775

O: 855-255-5521 WWW.EVERBASECONSULTING.COM

ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: Checker ECS JOB NUMBER: EC-1023 SHEET INFORMATION SHEET TITLE:

TD-101

LEVEL 1 - DATACOMM SYSTEM LAYOUT



1/8" = 1'-0"

DATACOMM/NETWORK PLAN SYMBOL LEGEND: SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) WIRELESS ACCESS POINT -PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

DATACOMM/NETWORK NOTES

- REFER TO SHEET TD-000 FOR STANDARD
 DATACOMM/NETWORK DEVICE CABLING
 REQUIREMENTS & MOUNTING HEIGHTS
 REFER TO DATACOMM/NETWORK FLOORPLAN
- SHEETS FOR BUILDING DATACOMM/NETWORK DEVICE LAYOUT

 3. REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT &
- RISER ROUTING DETAIL

 4. REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT
- DATACOMM/NETWORK DEVICE LAYOUT
 5. REFER TO DATACOMM/NETWORK DETIAL SHEETS
 FOR DATACOMM/NETWORK SYSTEM DETAILS &
- 6. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
 7. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS

DIAGRAMS

- SPECIFIED

 8. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS
- SPECIFIED

 9. ALL CABLING IS TO BE ROUTED THROUGH
 DESIGNATED CONDUIT SUFEVING & PULL BOX BY
- DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR

 10. SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF
- BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO BE 36" MINIMUM RADIUS

 11. ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER CROUND AT FACH MDE/IDE BOOM. TO BE LOCATED
- GROUND AT EACH MDF/IDF ROOM TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER TERMINATIONS

 12. UNIT TERMINATIONS MUST BE WIRED TO IDF AS
- 12. UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE
- PROVIDERS DESIGN

 13. WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE STAFF-ONLY NETWORK ACCESS
- SECURE STAFF-ONLY NETWORK ACCESS

 14. BLOCKING REQUIRED AT ALL COMMON AREA TV
 LOCATIONS
- 15. COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

SUNDAR APARTMENTS
DILLON ROAD & SOUTH 122TH STREET
I AFAVETTE COLORADO

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

EVERBASE

DENVER | CO

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O: 855-255-5521 WWW.EVERBASECONSULTING.COM

ORIGINAL ISSUANCE:

IFC SET

06.11.202

REVISION:

DATE:

DELTA:

SYSTEM DESIGNER:

Designer

SYSTEM REVIEWER:

Checker

ECS JOB NUMBER:

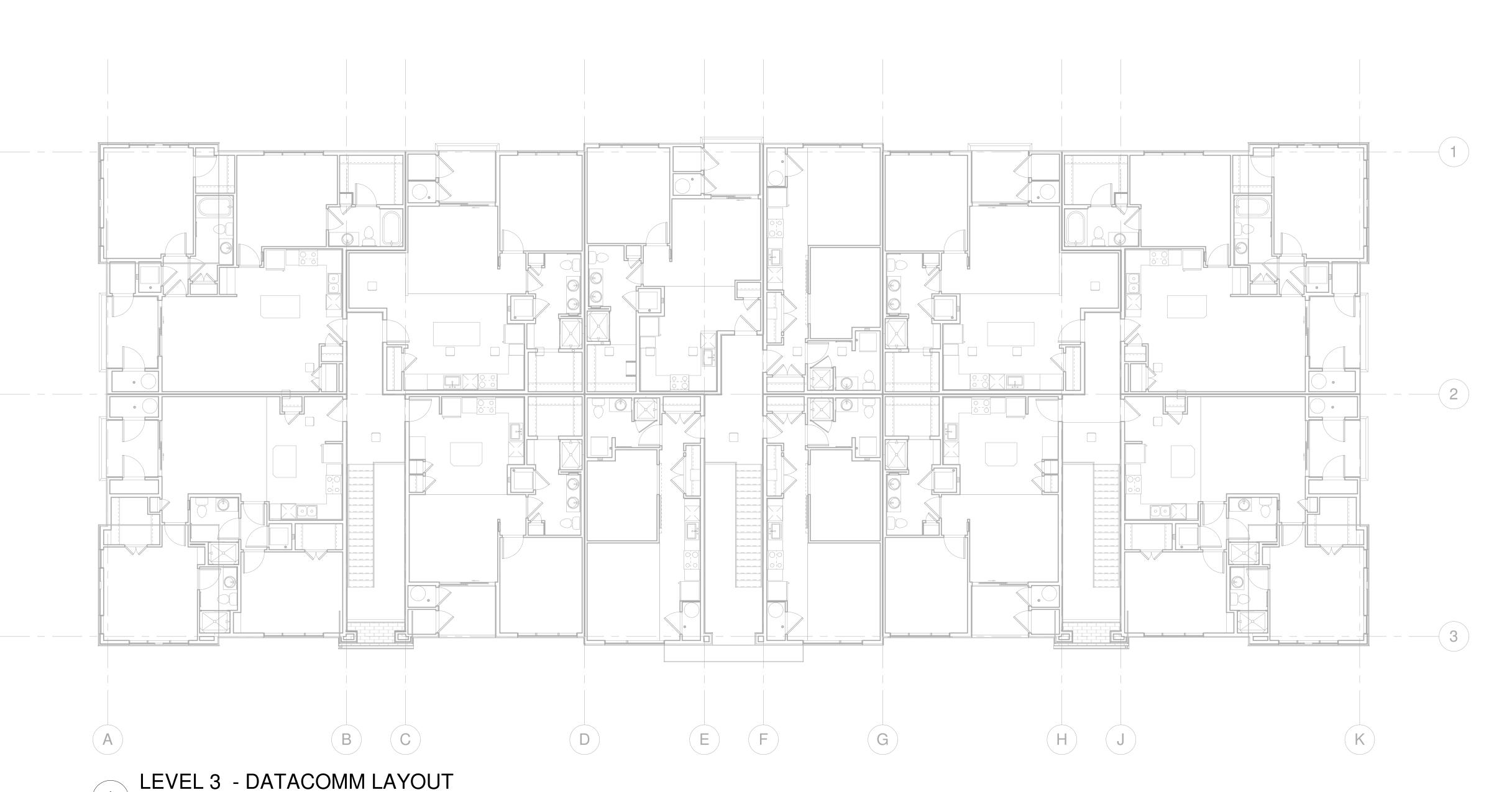
EC-1023

LEVEL 2 - DATACOMM SYSTEM LAYOUT

SHEET INFORMATION
SHEET TITLE:

TD-102

0 4 8 12 16 20 24 1/8" = 1'-0" SCALE FEET



1/8" = 1'-0"

DATACOMM/NETWORK PLAN SYMBOL LEGEND: SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: NS POE NETWORK SWITCH (MOUNTED IN EQUIPMENT BACK) IN EQUIPMENT RACK) PP NETWORK PATCH PANEL

(MOUNTED IN EQUIPMENT RACK)

NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK)

WIRELESS ACCESS POINT -PARTITIONED FOR PUBLIC &

PRIVATE NETWORK ACCESS EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A.

DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)

ACCESSIBLE HEIGHT)

DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)

DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)

QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)

DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)

DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

WM FM DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

DATACOMM/NETWORK NOTES

REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS

REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK

DEVICE LAYOUT REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT &

RISER ROUTING DETAIL REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT

REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS &

CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS

ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS

SPECIFIED ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY

INSALLING CONTRACTOR SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO

BE 36" MINIMUM RADIUS ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER

TERMINATIONS 12. UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE

PROVIDERS DESIGN WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR

SECURE STAFF-ONLY NETWORK ACCESS
BLOCKING REQUIRED AT ALL COMMON AREA TV

LOCATIONS COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

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DENVER | CO

P: 720-930-7775

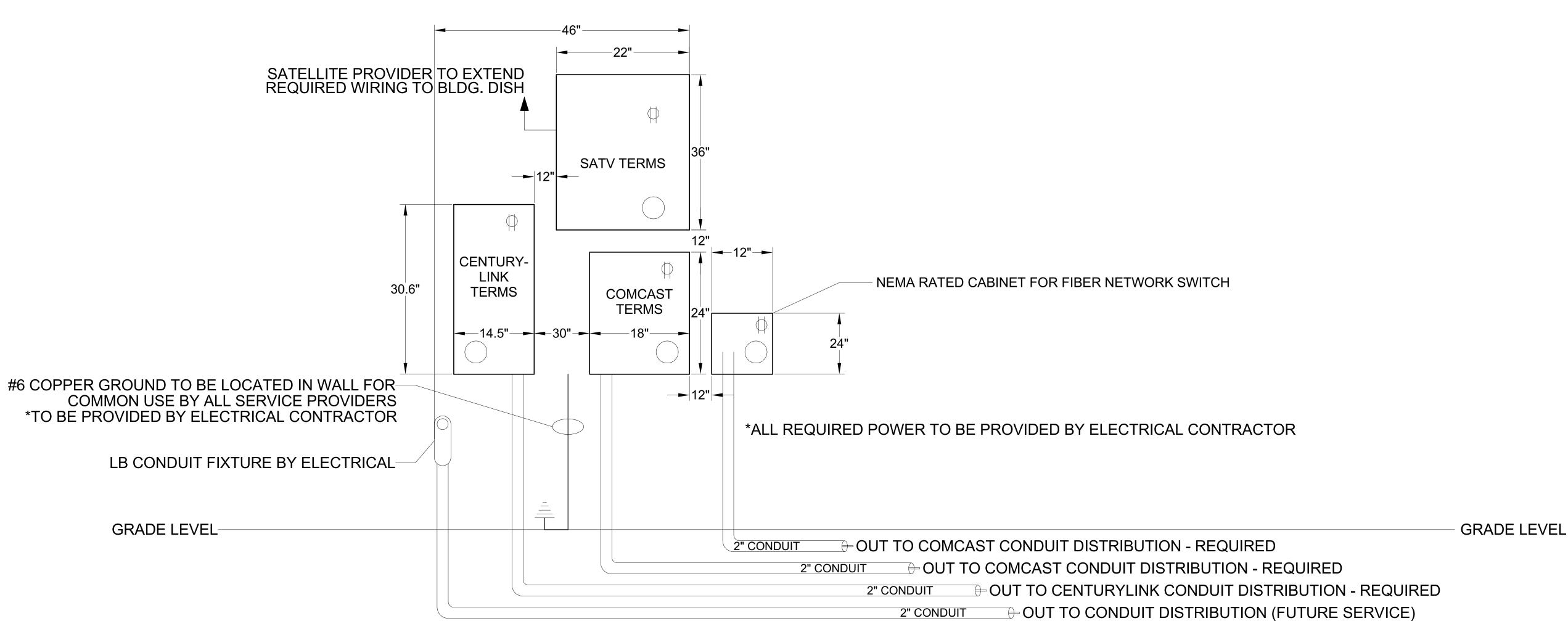
O: 855-255-5521 WWW.EVERBASECONSULTING.COM

DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER: EC-1023 SHEET INFORMATION SHEET TITLE:

ORIGINAL ISSUANCE:

IFC SET

LEVEL 3 - DATACOMM SYSTEM LAYOUT



TYPICAL EXTERIOR BUILDING ENTRY PANEL DETAIL

NTS

DATACOMM/NETWORK SYSTEM PLAN SYMBOL LEGEND SYMBOL DESCRIPTION NS POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET NETWORK ETHERNET FIBER SWITCH (LOCATED IN FS | EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) $|\mathsf{NVR}|$ (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET AV EQUIPMENT RACK (SEE ZONE DESCRIPTION FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET ON DEDICATED CIRCUIT IDC INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET ACCESS CONTROL PANEL & POWER SUPPLY (WALL AP# | MOUNTED) - COORDINATE REQUIRED POWER WITH ELECTRICAL CONTRACTOR

DATACOMM/NETWORK NOTES

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- DEVICE LAYOUT
- REFER TO DATACOMM/NETWORK ELEVATION & RISER ROUTING DETAIL REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR
- REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT
- FOR DATACOMM/NETWORK SYSTEM DETAILS &
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS
- SPECIFIED
- DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR
- BE 36" MINIMUM RADIUS ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER
- UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE
- WIRELESS ACCESS POINTS TO PROVIDE
- BLOCKING REQUIRED AT ALL COMMON AREA TV
- LOCATIONS COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS, ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

- REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK
- SECTION SHEETS FOR MDF/IDF ROOM LAYOUT &
- REFER TO DATACOMM/NETWORK DETIAL SHEETS
- BASED ON FIELD CONDITIONS
- ALL CABLING IS TO BE ROUTED THROUGH
- SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO
- GROUND AT EACH MDF/IDF ROOM TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER **TERMINATIONS**
- PROVIDERS DESIGN
- PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE STAFF-ONLY NETWORK ACCESS

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

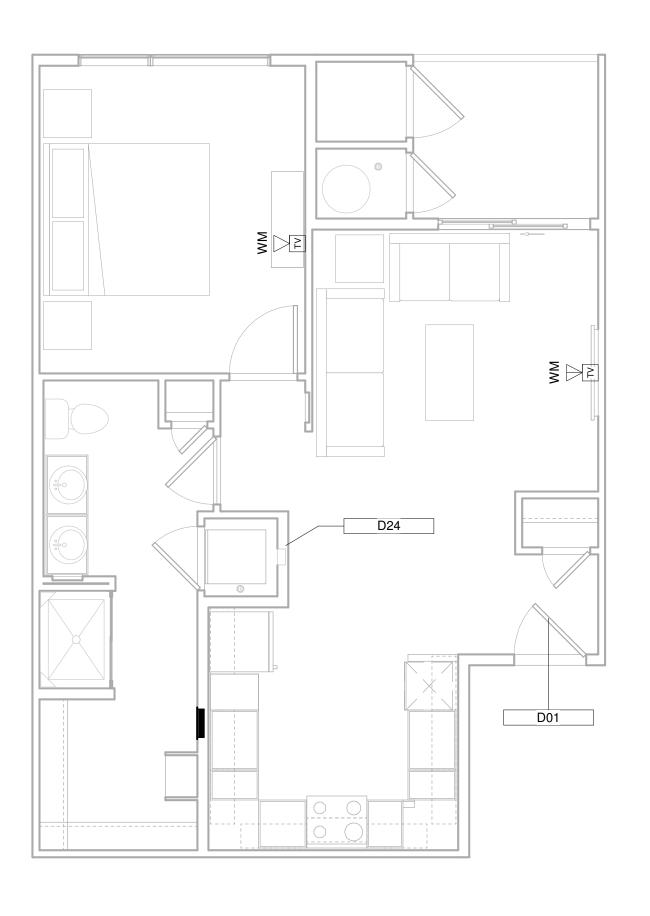
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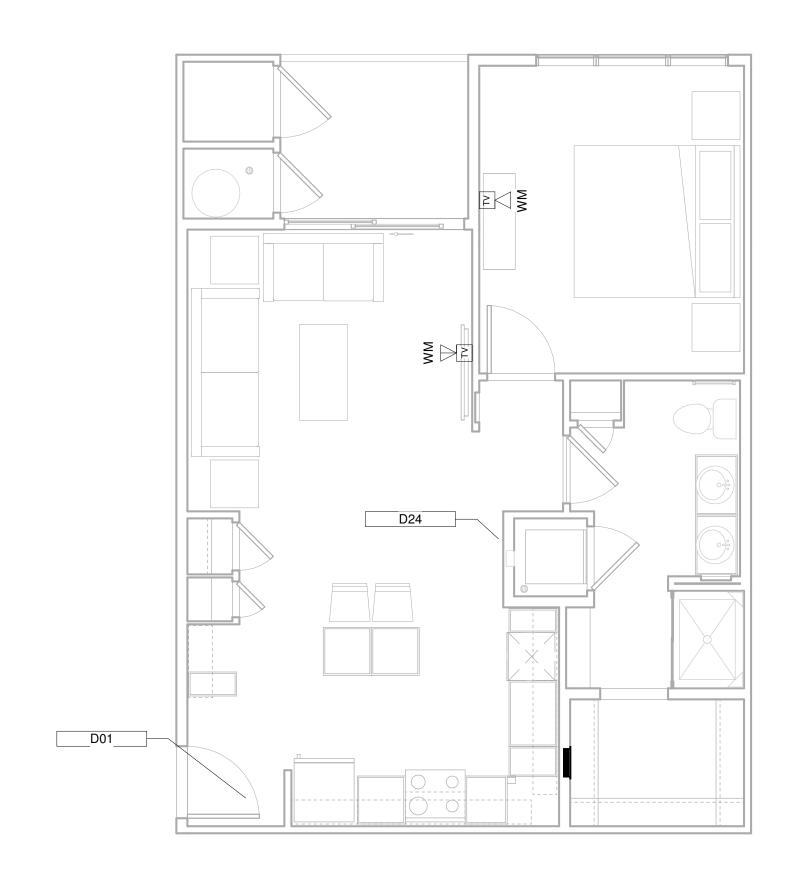
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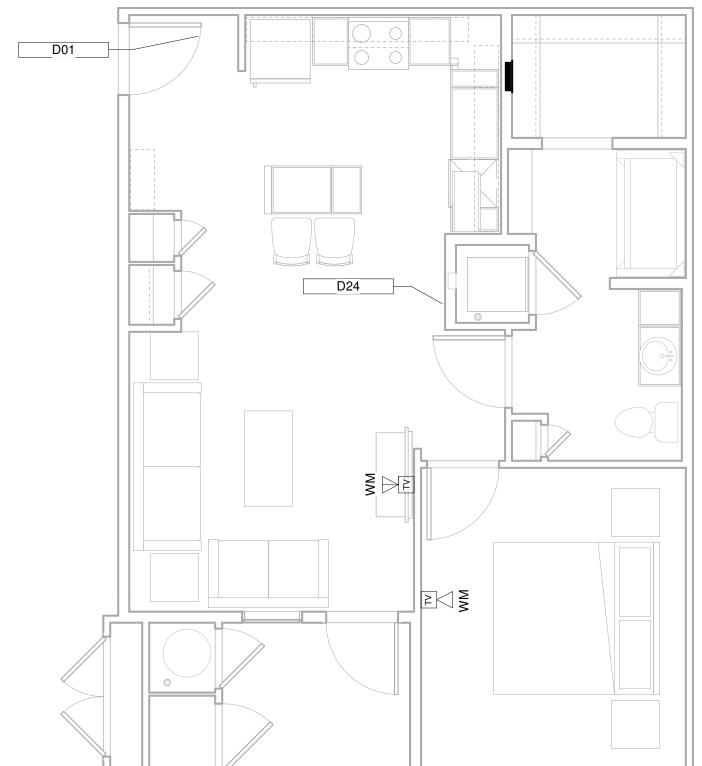
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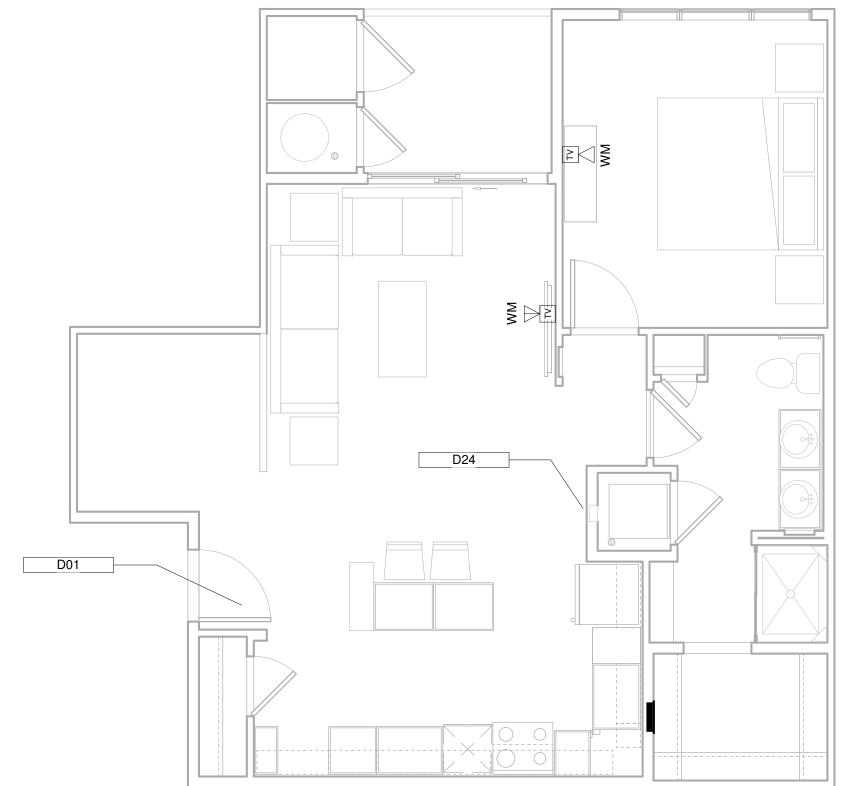


UNIT A1 - DATACOMM LAYOUT 27 OCCURENCES IN PROJECT

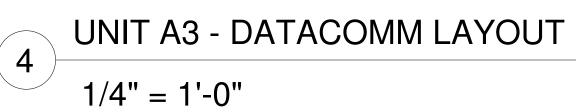
1/4" = 1'-0"



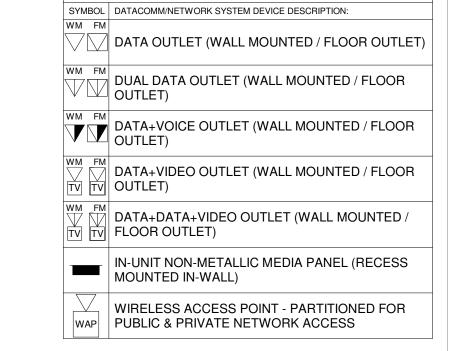
UNIT A2 - DATACOMM LAYOUT 45 OCCURENCES IN PROJECT 1/4" = 1'-0"



UNIT A2A - DATACOMM LAYOUT 9 OCCURENCES IN PROJECT 1/4" = 1'-0"



54 OCCURENCES IN PROJECT



DATACOMM/NETWORK PLAN SYMBOL LEGEND:

Keynote Legend		
Key Value	Keynote Text	
D01	SALTO STAND-ALONE ELECTRONIC UNIT LOCK WITH MOBILE CREDENTIAL CAPABILITY & SHARED CREDENTIAL WITH COMMON AREA ACCESS CONTROL SYSTEM	
D24	SMART THERMOSTAT - COORDINATE LOCATION WITH MECHANICAL PLANS	

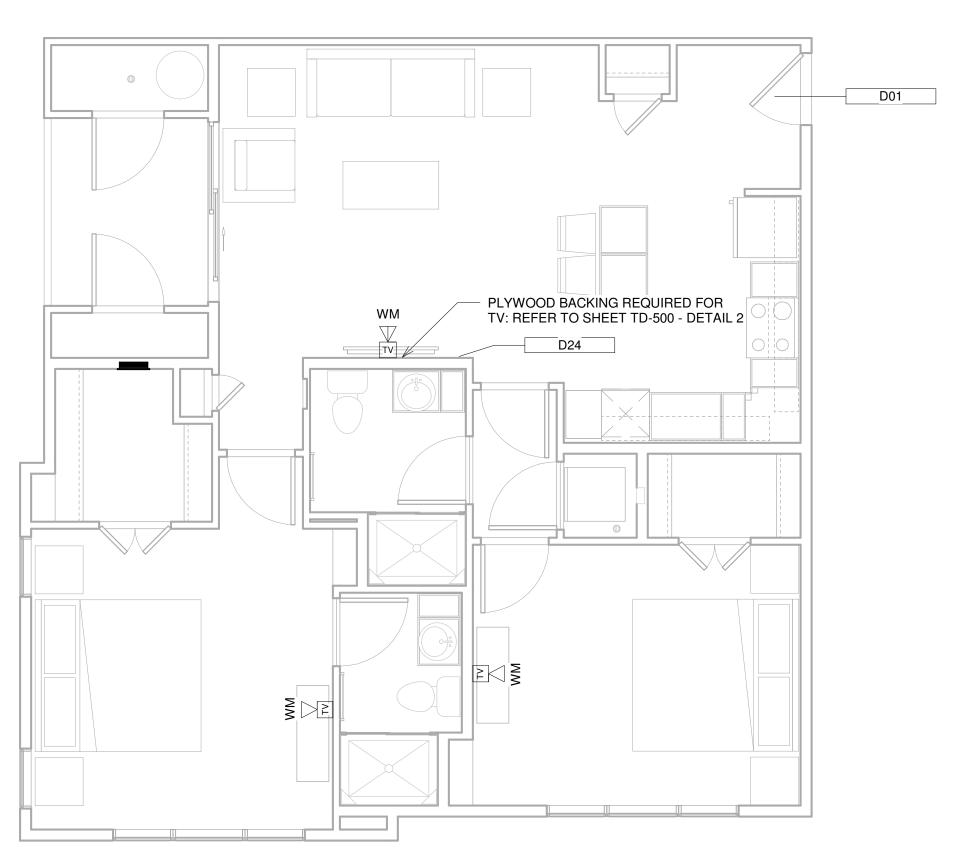
DATACOMM/NETWORK NOTES

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING
- REQUIREMENTS & MOUNTING HEIGHTS
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL
- REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS &
- **DIAGRAMS** CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS
 ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- UNIT HOMERUNS FROM EACH UNIT MEDIA PANEL TO ASSOCIATED IDF ROOMTO BE CONSISTENT WITH SERVICE PROVIDER CONTRACTS. UNIT HOMERUN WIRING TO INCLUDE:
 - 1-OPTICAL FIBER CABLE IN MICRODUCT CONDUIT AS PER SERVICE PROVIDER A **SPECIFICATIONS**
- 7. COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.



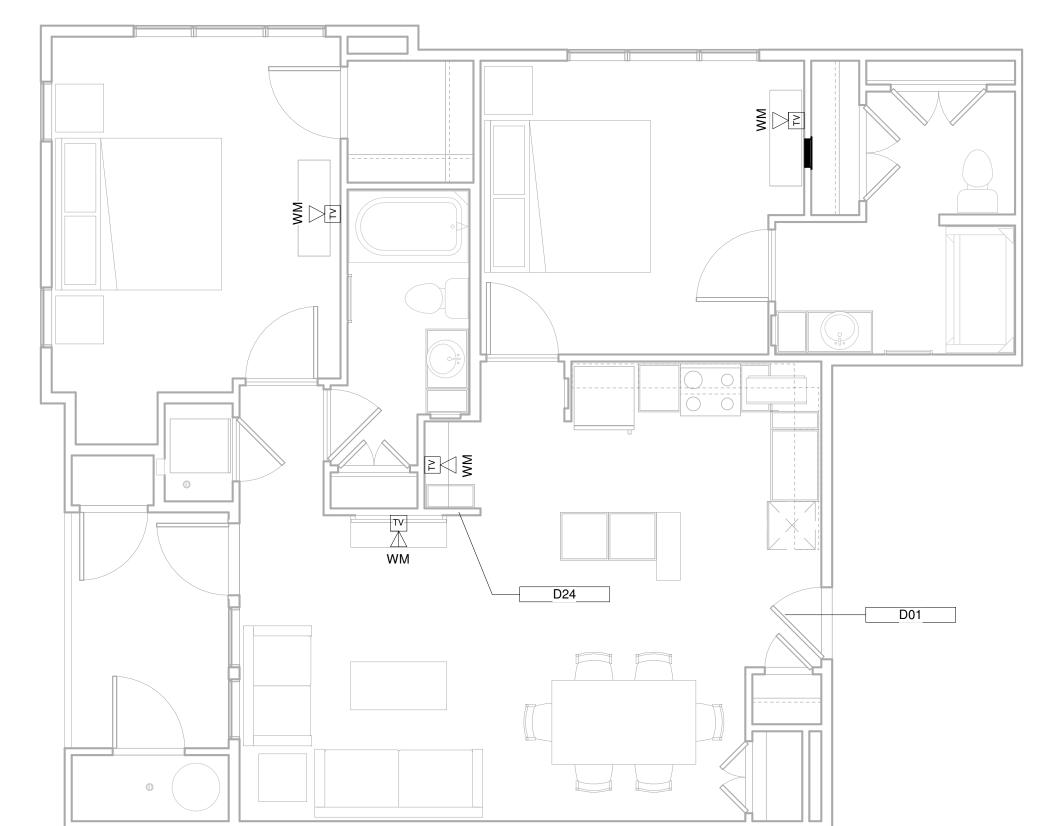
EVERBASE CONSULTING SOLUTIONS

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REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
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ECS JOB NUMBER:		FC 1000
CHEET INFORMATION		EC-1023
SHEET INFORMATION SHEET TITLE:		
SHEET TITLE.		



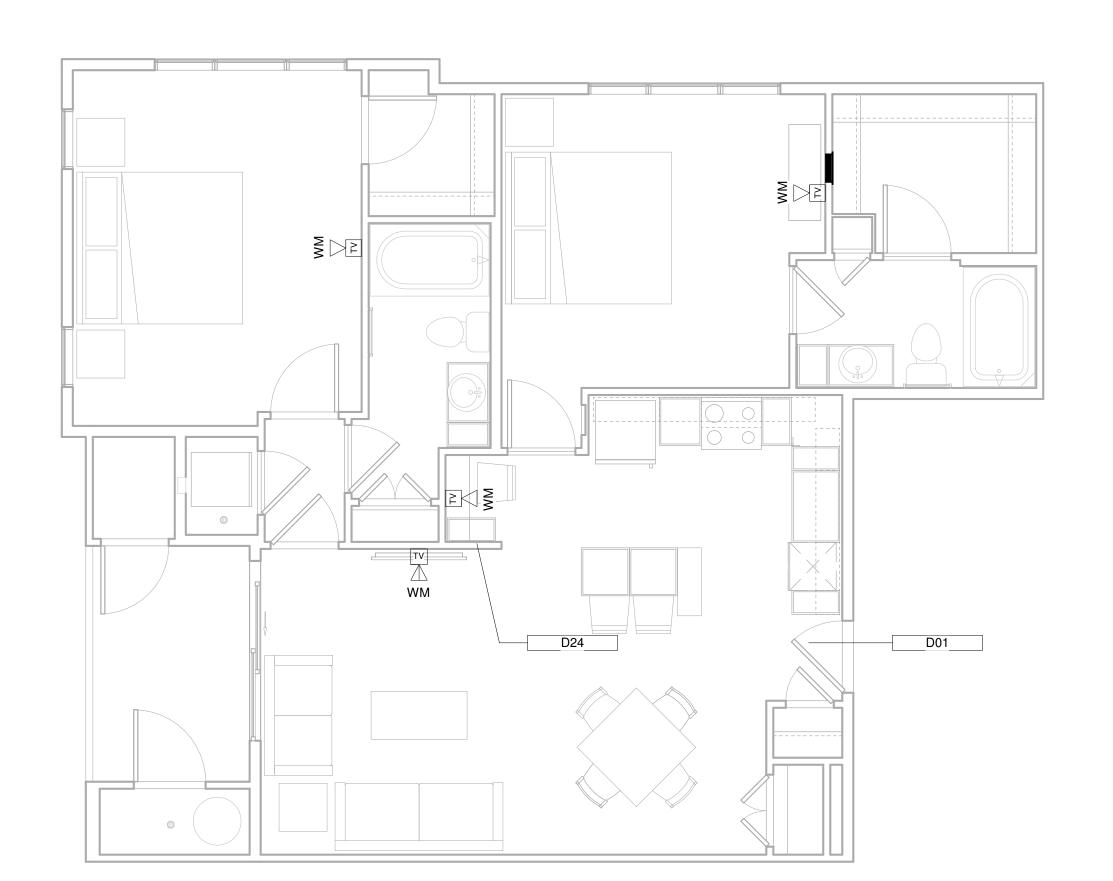
UNIT B1 - DATACOMM LAYOUT

54 OCCURANCES IN PROJECT

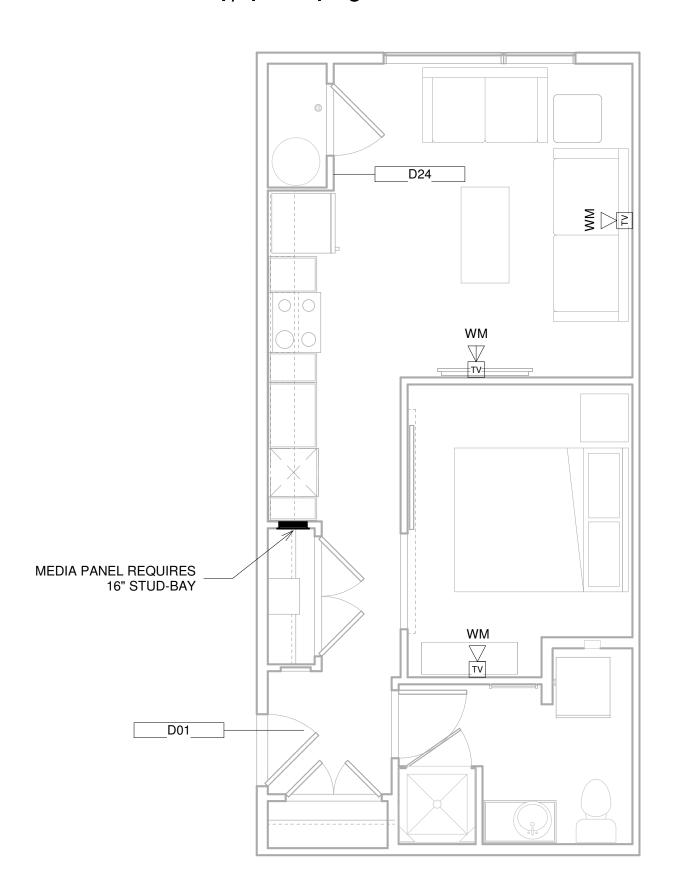


UNIT B2A - DATACOMM LAYOUT 1/4" = 1'-0"

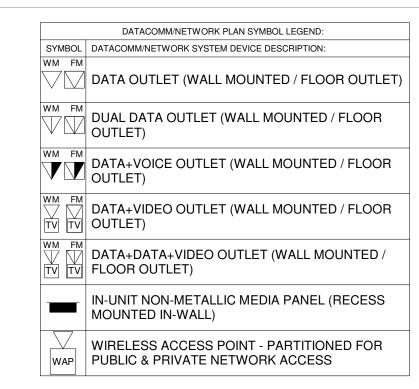
9 OCCURANCES IN PROJECT



UNIT B2 - DATACOMM LAYOUT 45 OCCURANCES IN PROJECT 1/4" = 1'-0"



UNIT S1 1/4" = 1'-0" 81 OCCURANCES IN PROJECT



Keynote Legend

Roynote Logena		
Key Value	Keynote Text	
D01	SALTO STAND-ALONE ELECTRONIC UNIT LOCK WITH MOBILE CREDENTIAL CAPABILITY & SHARED CREDENTIAL WITH COMMON AREA ACCESS CONTROL SYSTEM	
D24	SMART THERMOSTAT -	

COORDINATE LOCATION WITH MECHANICAL PLANS

DATACOMM/NETWORK NOTES

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING
- REQUIREMENTS & MOUNTING HEIGHTS
- RISER ROUTING DETAIL

- BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- UNIT HOMERUNS FROM EACH UNIT MEDIA PANEL TO SERVICE PROVIDER CONTRACTS. UNIT HOMERUN
- 1-OPTICAL FIBER CABLE IN MICRODUCT CONDUIT AS PER SERVICE PROVIDER A
- COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT &
- REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS &

- WIRING TO INCLUDE:
- **SPECIFICATIONS**

TECHNOLOGY CONSULTANT

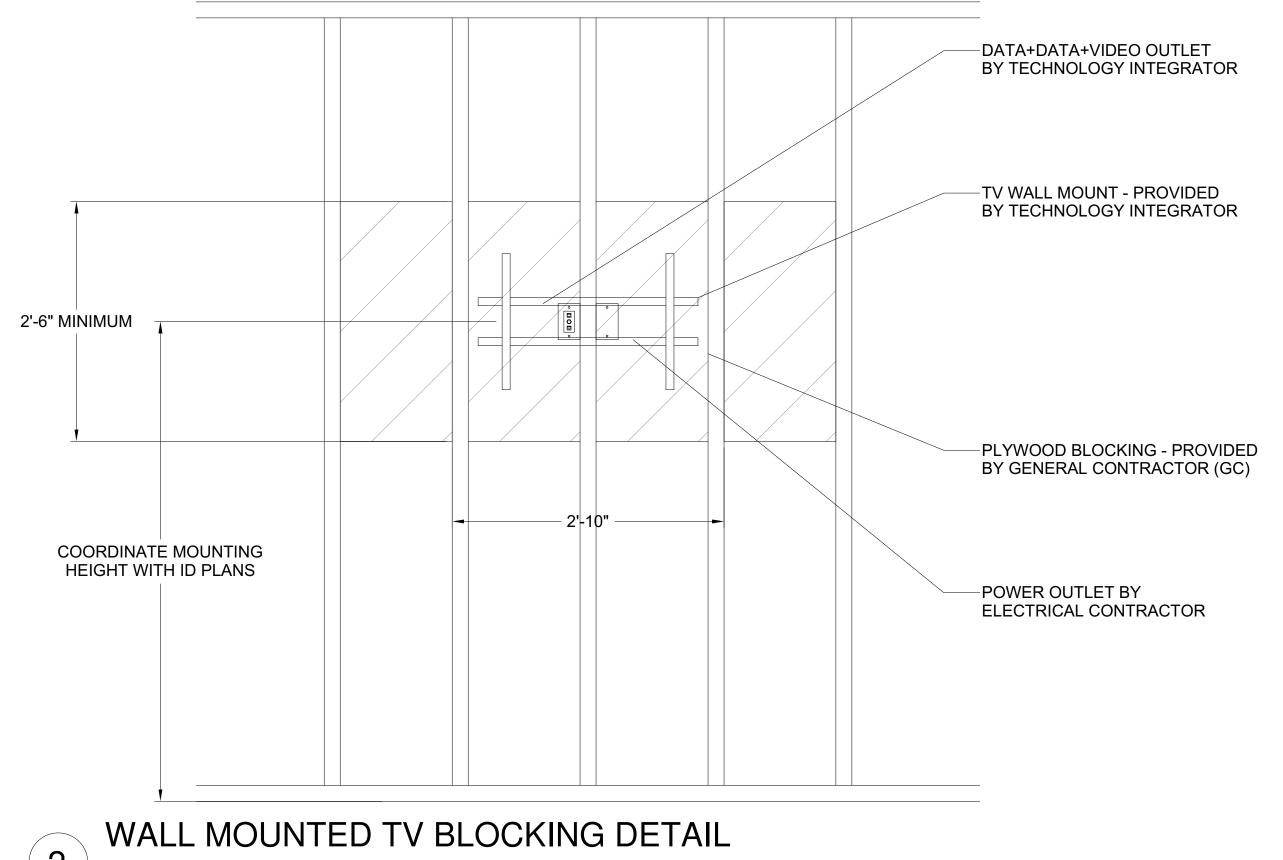
PROJECT INFORMATION

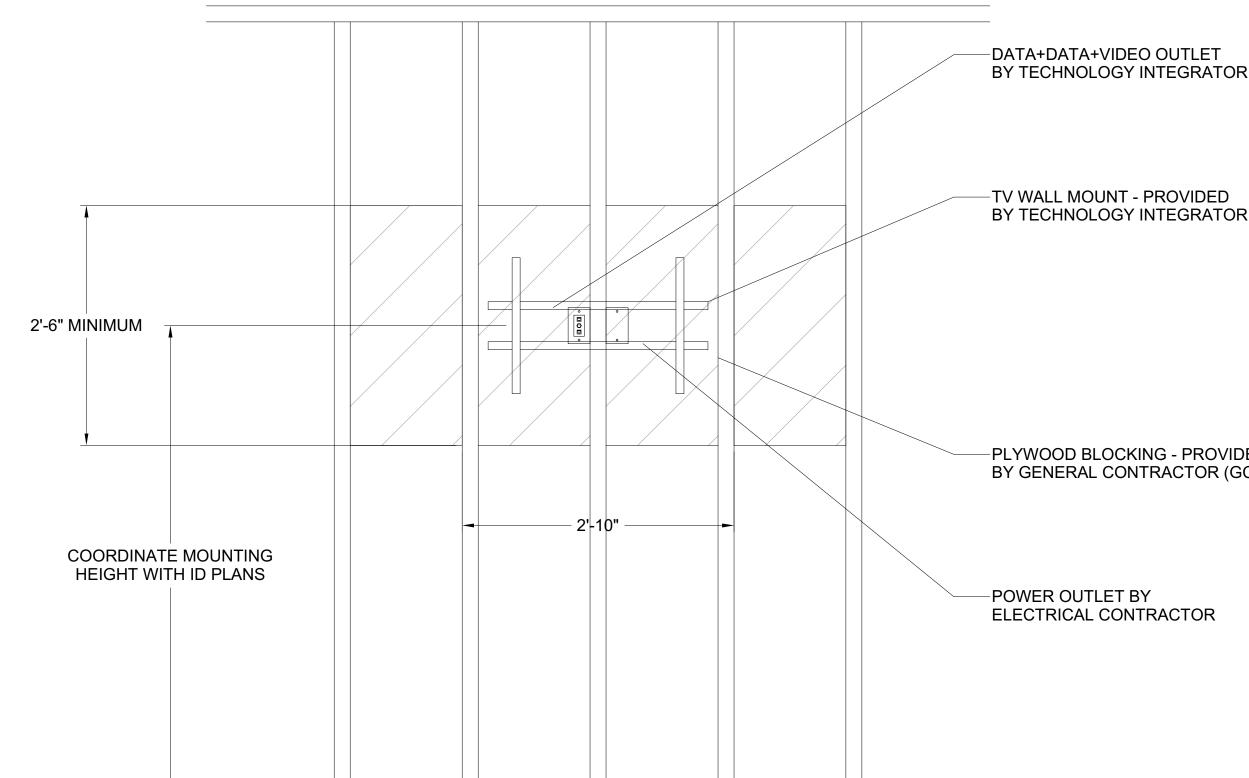
EVERBASE CONSULTING SOLUTIONS

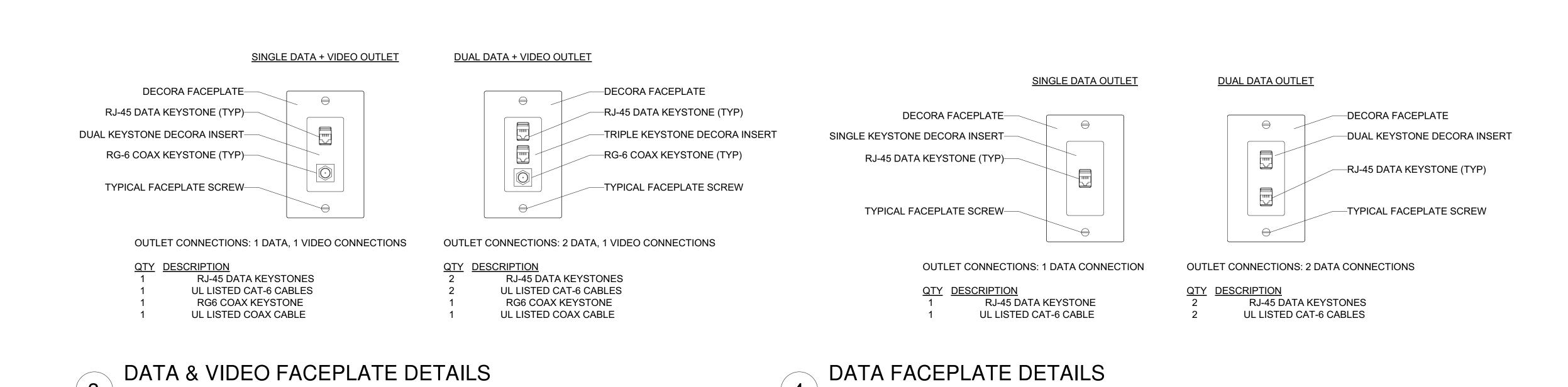
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O: 855-255-5521 WWW.EVERBASECONSULTING.COM

ORIGINAL ISSUANCE:		DATE:
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REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
		Designer
SYSTEM REVIEWER:		
ECS JOB NUMBER:		Checker
ECS JOB NUMBER.		EC-1023
SHEET INFORMATION		
SHEET TITLE:		
DATACOMM PL	SYSTE .ANS	M UNIT







NTS

T-568B RJ-45 PINOUT (TOP VIEW)

T-568B RJ-45 TERMINATIONS TO

BE USED IN COMMON AREAS

PIN#

WHITE ORANGE

WHITE GREEN

WHITE BROWN

WHITE BLUE

ORANGE

BLUE

GREEN

BROWN

RJ-45 PINNING & LABELING DETAIL

CABLE ID/LABELING GUIDE

LEVEL#-

PORT#

ROOM NUMBER #-

PATCH PANEL #-

DATACOMM/NETWORK SYSTEM PLAN SYMBOL LEGEND SYMBOL DESCRIPTION NS POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET NETWORK ETHERNET FIBER SWITCH (LOCATED IN FS | EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) NVR (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: DUPLEX OUTLET AV EQUIPMENT RACK (SEE ZONE DESCRIPTION FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET ON DEDICATED CIRCUIT IDC | INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET ACCESS CONTROL PANEL & POWER SUPPLY (WALL AP# | MOUNTED) - COORDINATE REQUIRED POWER WITH ELECTRICAL CONTRACTOR

DATACOMM/NETWORK NOTES

REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL

REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR

DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS

ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED

ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS SPECIFIED

ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR

ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL OUTLES IN MDF/IDF ROOMS AS SPECIFIED & LOCATE PER DETAIL DIMENSIONS

SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO BE 36" MINIMUM

ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER TERMINATIONS GENERAL CONTRACTOR TO PROVIDE FIRE-RATED

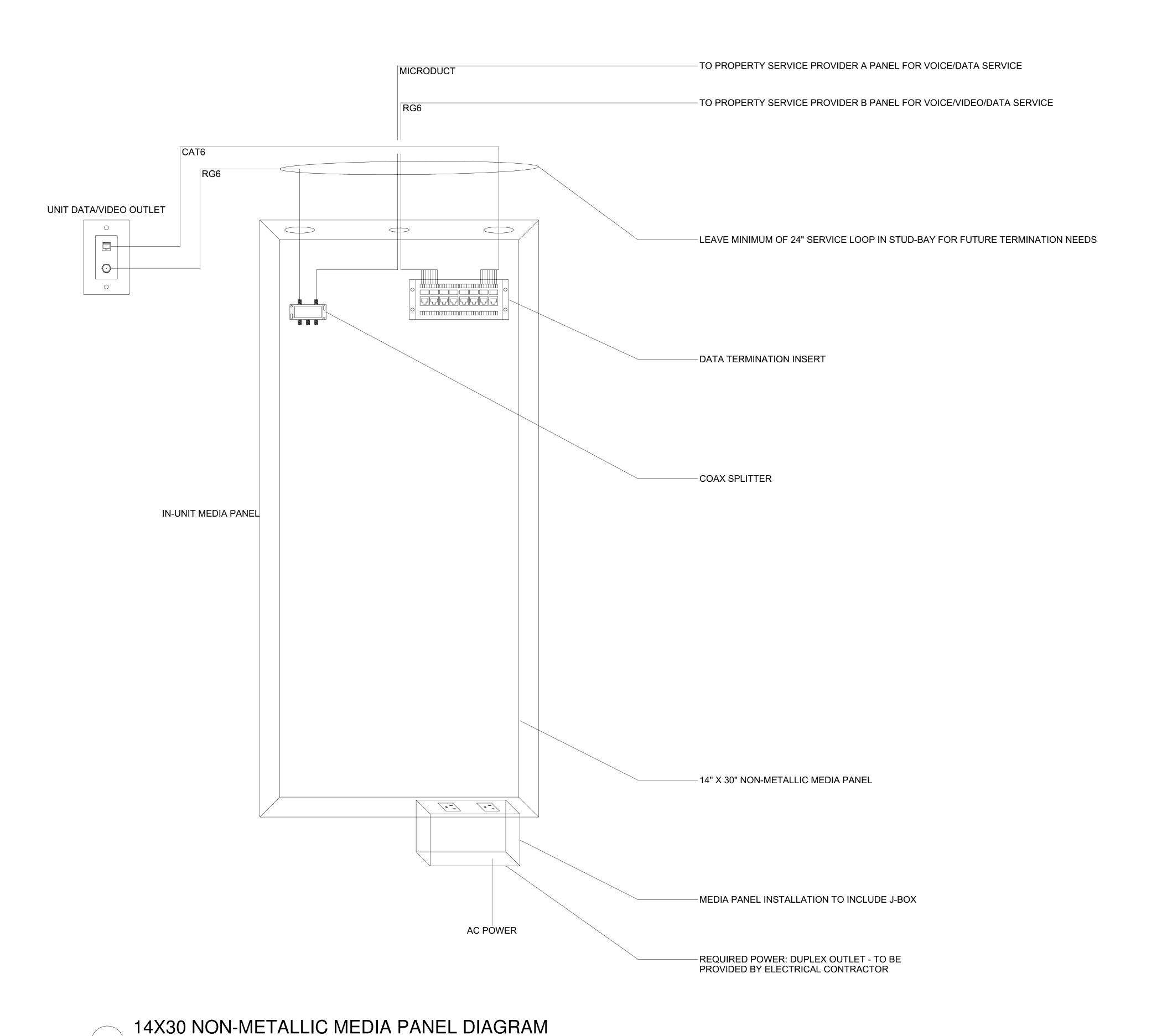
PLYWOOD BACK-BOARD SHOWN UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE PROVIDERS DESIGN

TECHNOLOGY CONSULTANT **EVERBASE** DENVER | CO P: 720-930-7775 O: 855-255-5521 WWW.EVERBASECONSULTING.COM PROJECT INFORMATION

PROJECT ARCHITECT

ORIGINAL ISSUANCE:	DA
IFC SET	06.1
REVISION: DA	ATE: DEL
SYSTEM DESIGNER:	
SYSTEM REVIEWER:	
500 IOD NUMBER	Check
ECS JOB NUMBER:	FC 10
CHEET INCODMATION	EC-10
SHEET INFORMATION SHEET TITLE:	

TD-500



DATACOMM/NETWORK SYSTEM PLAN SYMBOL LEGEND SYMBOL DESCRIPTION NS POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET NETWORK ETHERNET FIBER SWITCH (LOCATED IN FS | EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX NVR CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET AV EQUIPMENT RACK (SEE ZONE DESCRIPTION FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET ON DEDICATED CIRCUIT IDC | INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET ACCESS CONTROL PANEL & POWER SUPPLY (WALL AP# | MOUNTED) - COORDINATE REQUIRED POWER WITH ELECTRICAL CONTRACTOR

CABLE LEGEND

LINE TYPE DESCRIPTION

1-CAT6 CABLE FOR DATA/NETWORK DEVICE

INTERCONNECT & NETWORK DEVICE INTERCONNECT 2-CAT6 CABLES (1-PAIR 2-CAT6-TO EACH LEVEL) FOR NETWORK DEVICE INTERCONNECT 1-MULTIMODE FIBER FOR NETWORK DEVICE MMFIBER-INTERCONNECT - 4" DARK FIBERS TO BE INCLUDED FOR FUTURE NETWORK EXPANSION 1-RG6 CABLE FOR VIDEO DEVICE INTERCONNECT

DATACOMM/NETWORK NOTES

- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL
- REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT
- REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR
- ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL OUTLES IN MDF/IDF ROOMS AS SPECIFIED & LOCATE PER DETAIL DIMENSIONS
- SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO BE 36" MINIMUM
- ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER TERMINATIONS
- GENERAL CONTRACTOR TO PROVIDE FIRE-RATED PLYWOOD BACK-BOARD SHOWN UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE

IMMEDIATELY NOTIFIED AS THIS AFFECTS THE

PROVIDERS DESIGN

TECHNOLOGY CONSULTANT WWW.EVERBASECONSULTING.COM

PROJECT INFORMATION

EVERBASE

DENVER | CO

P: 720-930-7775 O: 855-255-5521

ORIGINAL ISSUANCE:		DATE:
IFC SET		06.11.20
REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
		Designer
SYSTEM REVIEWER:		011
ECS JOB NUMBER:		Checker
		EC-1023
OUEET INCODMATION		
SHEET INFORMATION		

TD-501

CCTV CAMERA SYSTEM DRAWING INDEX						
Sheet Number	Sheet Description	Issuance Title	Issue Date			
Technology Set - CCTV Camera System Sheets						
TC-000	CCTV SYSTEM COVER SHEET	IFC SET	06.11.2021			
TC-010	SITE PLAN - CCTV SYSTEM LAYOUT	IFC SET	06.11.2021			
TC-101	BUILDING 2 - LEVEL 1 - CCTV SYSTEM LAYOUT	IFC SET	06.11.2021			
TC-500	CCTV SYSTEM SCHEDULE & DETAIL	IFC SET	06.11.2021			

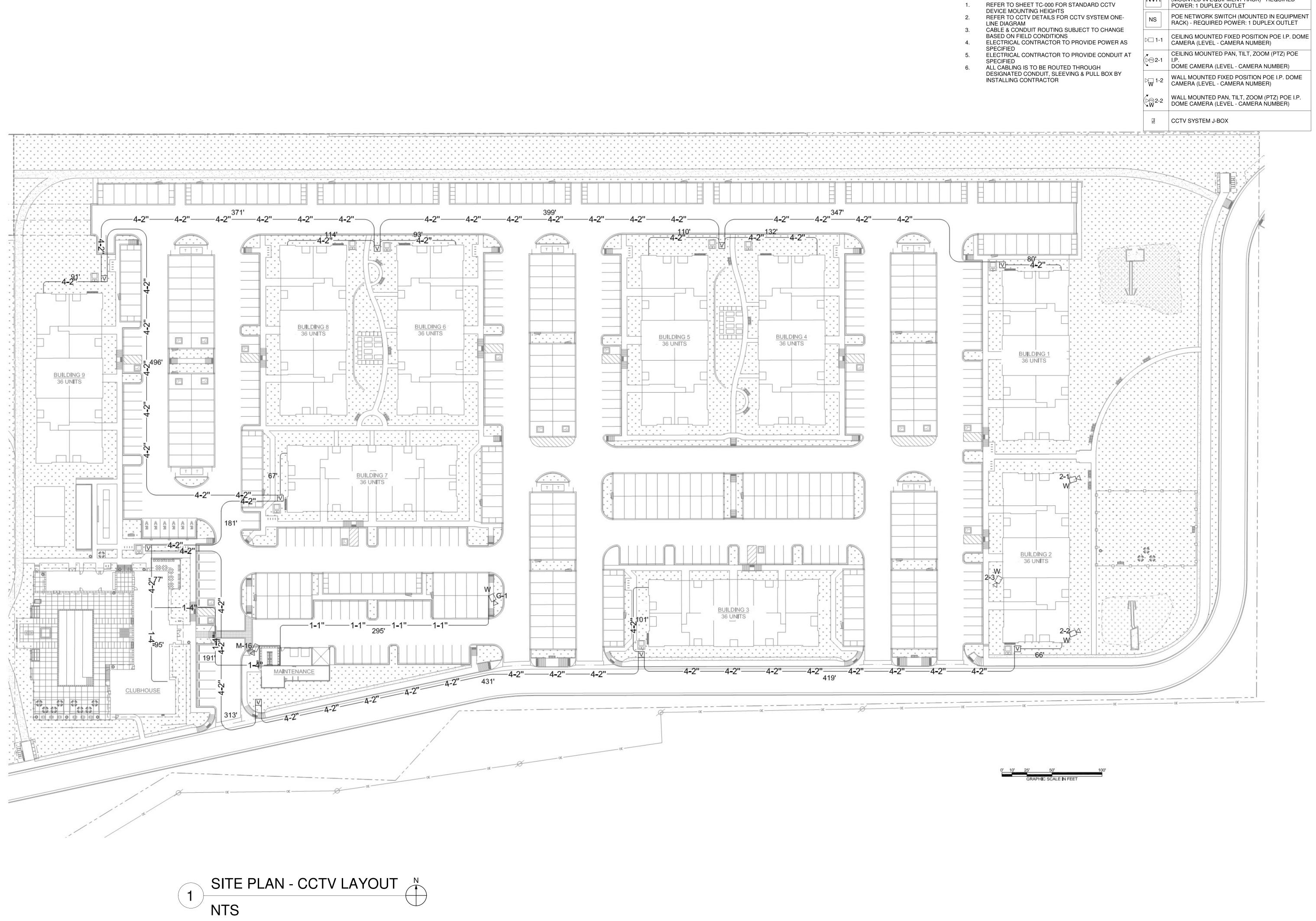
CCTV PLA	N SYMBOL LEGEND:		
SYMBOL	ELEVATION	CCTV SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
NVR	SEE DETAIL ON SHEET TD-600	CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET	1-CAT6 TO NETWORK PATCH PANEL
▶ 1-1		CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL
PTZ 2-1		CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-16/2 STRANDED FOR POWER & 1-CAT6 TO ASSOCIATED POE PATCH PANEL
 ₩ 1-2		WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL
Y 2-2		WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-16/2 STRANDED FOR POWER & 1-CAT6 TO ASSOCIATED POE PATCH PANEL
J	SIZING AS NEEDED	CCTV SYSTEM J-BOX	2-GANG BOX FOR ACCESS TO CCTV DEVICE FROM CONDUIT

MOUNT TO CEILING: COORDINATE HEIGHT WITH CEILING HEIGHT MOUNT TO CEILING: COORDINATE HEIGHT WITH CEILING HEIGHT COORDINATE DISTANCE BELOW CEILING HEIGHT STANDARD HEIGHT 122" (12" 0") A.F.F.



SUNDAR APARTMENTS DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

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IFC SET		06.11.2
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SYSTEM DESIGNER:		
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SYSTEM REVIEWER:		Checke
ECS JOB NUMBER:		Onecke
		EC-102
SHEET INFORMATION		
SHEET TITLE:		
CCTV SYS	STEM CO	OVER



CCTV PLAN SYMBOL LEGEND: **CCTV SYSTEM PLAN NOTES** SYMBOL CCTV SYSTEM DEVICE DESCRIPTION: NVR CCTV SYSTEM NETWORK VIDEO RECORDER (NVR)
(MOUNTED IN EQUIPMENT RACK) - REQUIRED
POWER: 1 DUPLEX OUTLET POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET

TECHNOLOGY CONSULTANT EVERBASE CONSULTING SOLUTIONS DENVER | CO P: 720-930-7775 O: 855-255-5521

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PROJECT INFORMATION

ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: ECS JOB NUMBER: SHEET INFORMATION SHEET TITLE: SITE PLAN - CCTV SYSTEM LAYOUT

TC-010



BUILDING 2 - LEVEL 1 - CCTV LAYOUT

1/8" = 1'-0"

CCTV PLAN SYMBOL LEGEND: SYMBOL CCTV SYSTEM DEVICE DESCRIPTION: NVR CCTV SYSTEM NETWORK VIDEO RECORDER (NVR)
(MOUNTED IN EQUIPMENT RACK) - REQUIRED
POWER: 1 DUPLEX OUTLET POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) □ CCTV SYSTEM J-BOX

CCTV SYSTEM PLAN NOTES

- REFER TO SHEET TC-000 FOR STANDARD CCTV DEVICE MOUNTING HEIGHTS REFER TO CCTV DETAILS FOR CCTV SYSTEM ONE-
- LINE DIAGRAM
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT

ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

EVERBASE CONSULTING SOLUTIONS

DENVER | CO

P: 720-930-7775 O: 855-255-5521

WWW.EVERBASECONSULTING.COM

ORIGINAL ISSUANCE:		DAT
IFC SET		06.11.2
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SYSTEM REVIEWER:		Designe
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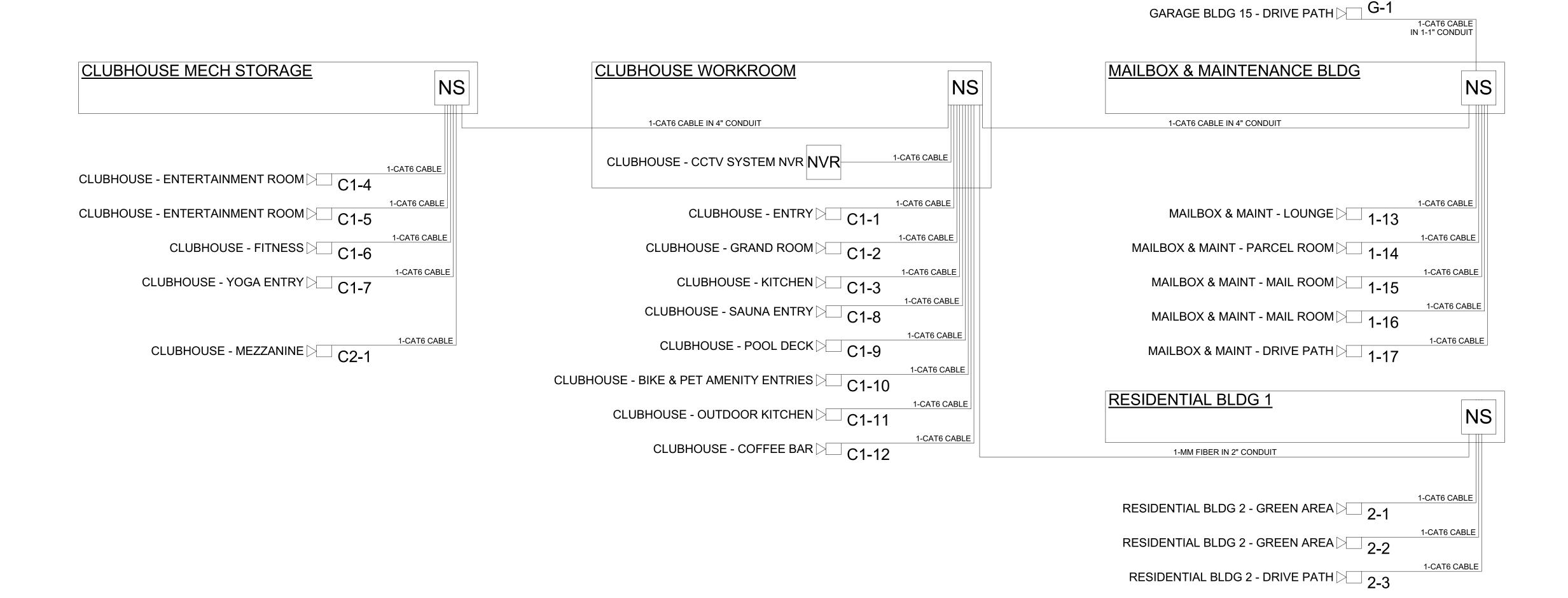
TC-101

BUILDING 2 - LEVEL 1 -CCTV SYSTEM LAYOUT

SHEET TITLE:

CCTV DEVICE SCHEDULE								
BLDG + LEVEL	CAMERA LOCATION	NETWORK SWITCH IN ROOM	VC	-ID	CAMERA MOUNTING	CAMERA RESOLUTION	LENSE TYPE	NOTES
BLDG 2 - LEVEL 1	RESIDENTIAL BUILDING 2	BLDG 2	2	1	WALL MOUNTED - FIXED POSITION	4K / 8 MP (3840 X 2160)	2.8 - 9 mm Varifocal	WIDE DYMANIC RANGE
BLDG 2 - LEVEL 1	RESIDENTIAL BUILDING 2	BLDG 2	2	2	WALL MOUNTED - FIXED POSITION	4K / 8 MP (3840 X 2160)	2.8 - 9 mm Varifocal	WIDE DYMANIC RANGE
BLDG 2 - LEVEL 1	RESIDENTIAL BUILDING 2 DRIVE PATH	BLDG 2	2	3	WALL MOUNTED - FIXED POSITION	4K / 8 MP (3840 X 2160)	2.8 - 9 mm Varifocal	WIDE DYMANIC RANGE
GARAGE 15 - LEVEL 1	GARAGE 15 BUILDING - DRIVE PATH	MAIL/MAINT ROOM	G	1	WALL MOUNTED - FIXED POSITION	4K / 8 MP (3840 X 2160)	2.8 - 9 mm Varifocal	WIDE DYMANIC RANGE

CCTV SYSTEM CONNECTIVITY DIAGRAM NTS



CCTV PLAN SYMBOL LEGEND: SYMBOL CCTV SYSTEM DEVICE DESCRIPTION: CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) NVR (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWÈR: 1 DUPLEX OUTLET CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) ☑ CCTV SYSTEM J-BOX

CCTV CABLE LEGEND

LINE TYPE DESCRIPTION 1-CAT6 CABLE FOR CCTV DEVICE INTERCONNECT \$ CAT6-

> 1-MULTIMODE FIBER FOR NETWORK DEVICE INTERCONNECT *4 DARK

FIBERS TO BE INCLUDED FOR FUTURE NETWORK **EXPANSION**

NETWORK DEVICE INTERCONNECT

CCTV SYSTEM PLAN NOTES

- REFER TO SHEET TC-000 FOR STANDARD CCTV DEVICE MOUNTING HEIGHTS
- REFER TO CCTV DETAILS FOR CCTV SYSTEM ONE-LINE DIAGRAM
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT
- SPECIFIED ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY

INSTALLING CONTRACTOR

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

EVERBASE

DENVER | CO

P: 720-930-7775 O: 855-255-5521

WWW.EVERBASECONSULTING.COM

ORIGINAL ISSUANCE:		DATE
IFC SET		06.11.2
REVISION:	DATE:	DELTA
SYSTEM DESIGNER:		
OTOTEW DEGIGNERY.		Designer
SYSTEM REVIEWER:		
		Checker
ECS JOB NUMBER:		EC-1023
SHEET INFORMATION		
SHEET INFORMATION		

TC-500

CCTV SYSTEM ONE-LINE DIAGRAM NTS

SUNDAR CLUBHOUSE

DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

*THIS TECHNOLOGY DRAWING SET IS PENDING THE JOINT TRENCH DESIGN FROM THE SERVICE PROVIDER(S) TO COMPLETE CONDUIT ROUTING ON SITE - NOT FINALIZED FOR CONSTRUCTION

Sheet			
Number	Sheet Description	Issuance Title	Issue Date
Technology S	et - General Information Sheet		
TG-000	BUILDING TECHNOLOGY PROJECT COVER SHEET	IFC SET	06.11.2021
TG-001	PROJECT SCOPE OF WORK SCHEDULE	IFC SET	06.11.2021
Technology S	et - DataComm/Network System Sheets		
TD-000	DATACOMM/NETWORK SYSTEM COVER SHEET	IFC SET	06.11.2021
TD-010	SITE PLAN - DATACOMM LAYOUT	IFC SET	06.11.2021
TD-101	LEVEL 1 - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021
TD-102	MEZZANINE - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021
TD-200	DATACOMM/NETWORK MDF/IDF ELEVATIONS	IFC SET	06.11.2021
TD-500	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021
TD-501	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021
TD-600	NETWORK ONE-LINE DIAGRAM	IFC SET	06.11.2021
Technology S	et - CCTV Camera System Sheets		
TC-000	CCTV SYSTEM COVER SHEET	IFC SET	06.11.2021
TC-101	LEVEL 1 - CCTV SYSTEM LAYOUT	IFC SET	06.11.2021
TC-102	MEZZANINE - CCTV SYSTEM LAYOUT	IFC SET	06.11.2021
TC-500	CCTV SYSTEM SCHEDULE & DETAIL	IFC SET	06.11.2021
Technology S	et - Audio System Sheets		,
TA-000	AUDIO SYSTEM COVER SHEET	IFC SET	06.11.2021
TA-101	LEVEL 1 - AUDIO SYSTEM LAYOUT	IFC SET	06.11.2021
TA-102	MEZZANINE - AUDIO SYSTEM LAYOUT	IFC SET	06.11.2021
Technology S	et - Intrusion Detection System		,
TS-000	INTRUSION DETECTON SYSTEM COVER SHEET	IFC SET	06.11.2021
TS-101	LEVEL 1 - INTRUSION DETECTION SYSTEM LAYOUT	IFC SET	06.11.2021
TS-600	INTRUSION DETECTION SYSTEM ONE-LINE DIAGRAM	IFC SET	06.11.2021
Technology S	et - Access Control System		
TR-000	ACCESS CONTROL SYSTEM COVER SHEET	IFC SET	06.11.2021
TR-101	LEVEL 1 - ACCESS CONTROL SYSTEM LAYOUT	IFC SET	06.11.2021
TR-102	MEZZANINE - ACCESS CONTROL SYSTEM LAYOUT	IFC SET	06.11.2021
TR-500	ACCESS CONTROL SYSTEM DOOR & LOCK SCHEDULE	IFC SET	06.11.2021
TR-501	ACCESS CONTROL SYSTEM DOOR DETAILS	IFC SET	06.11.2021
TR-600	ACCESS CONTROL SYSTEM ONE-LINE DIAGRAM	IFC SET	06.11.2021

PROJECT CODE SUMMARY:

APPLICABLE CODE SERIES: 2015 INTERNATIONAL BUILDING CODE

2017 NATIONAL ELECTRIC CODE 2015 INTERNATIONAL FIRE CODE

OCCUPATION GROUP: R2 RESIDENTIAL AT LEVELS 1 THRU 3

CONSTRUCTION TYPE: TYPE VA AT RESIDENTIAL LEVELS 1 THRU 3

PRIMARY BUILDING USE: RESIDENTIAL

BUILDING FLOORS: 3 LEVELS ABOVE GRADE

UNITS PER BUILDING: 36 UNITS PER RESIDENTIAL BUILDING (9 OCCURANCES)

PROJECT UNIT TOTALS:

81 STUDIO UNITS IN PROJECT
135 1-BED UNITS IN PROJECT

108 2-BED UNITS IN PROJECT 324 TOTAL UNITS IN PROJECT

ABBREVIATIONS:

AC - ABOVE COUNTER-TOP AFF - ABOVE FINISH FLOOR

BDA - BI-DIRECTIONAL AMPLIFICATION

BLDG - BUILDING HDWR - HARDWARE

POE - POWER OVER ETHERNET

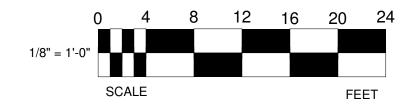
REX - REQUEST TO EXIT

UPS - UNINTERRUPTIBLE POWER SUPPLY

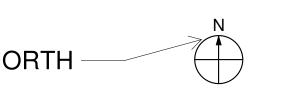
WAP - WIRELESS ACCESS POINT

ANNOTATION LEGEND:

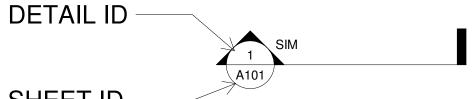
GRAPHIC SCALE



NORTH ARROW REFERENCE



SECTION REFERENCE



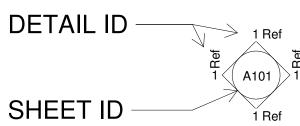
SHEET ID



DETAIL REFERENCE



ELEVATION REFERENCE



PROJECT DIRECTORY:

DEVELOPER:
MILESTONE DEVELOPMENT GROUP
1400 16TH STREET
DENVER, CO 80202
P: 303.298.7270

ARCHITECT: KEPHART ARCHITECTS 2555 WALNUT STREET DENVER, CO 80205 P: 303.832.4474

ELECTRICAL ENGINEER:
RG ENGINEERING CONSULTANTS INC
8811 EAST HAMPDEN AVENUE
SUITE 200
DENVER, CO 80231
P: 303.355.5534

CIVIL ENGINEER: JEHN ENGINEERING 5690 WEBSTER STREET ARVADA, CO 80002 P: (303) 423-6036

LANDSCAPE ARCHITECT: THE HENRY DESIGN GROUP 1501 WAZEE STREET SUITE 1-C DENVER, CO 80202 P: (303) 446-2368

TECHNOLOGY CONSULTANT: EVERBASE CONSULTING SOLUTIONS DENVER | CO P: 720-930-7775 O: 885-255-5521 SUNDAR CLUBHOUSE
DILLON ROAD & SOUTH 122TH STREET
LAFAYETTE, COLORADO

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

EVERBASE CONSULTING SOLUTIONS

DENVER | CO

P: 720-930-7775

WWW.EVERBASECONSULTING.COM

O: 855-255-5521

ORIGINAL ISSUANCE: DATE:

IFC SET 06.11.202

REVISIONS

REVISION DATE DELTA

SYSTEM DESIGNER:

SYSTEM REVIEWER:

Checker
ECS JOB NUMBER:

EC-1023

SHEET INFORMATION
SHEET TITLE:

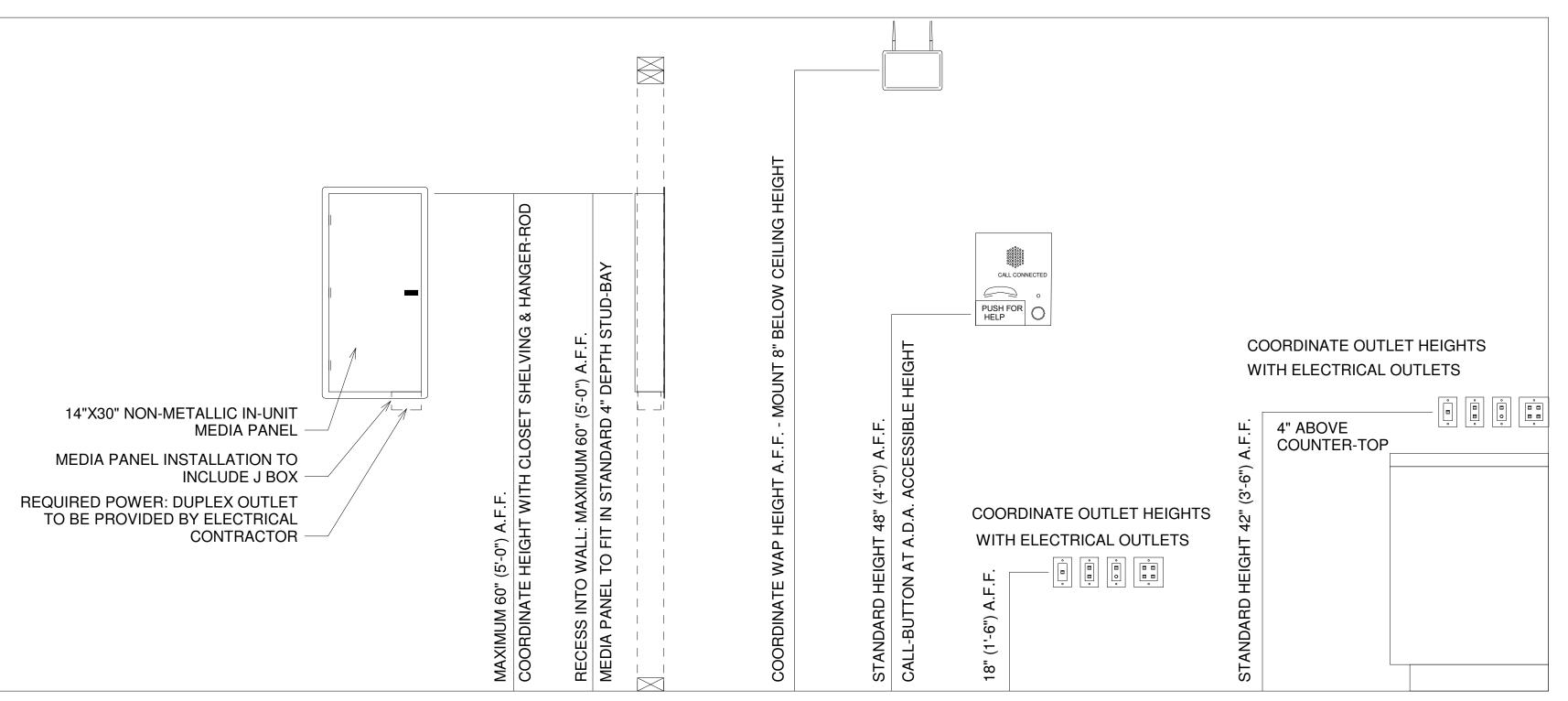
BUILDING TECHNOLOGY
PROJECT COVER SHEET

TG-000

DATA COMM/NETWORK SYSTEM DRAWING INDEX **Sheet** Number **Sheet Description Issuance Title Issue Date** Technology Set - DataComm/Network System Sheets DATACOMM/NETWORK SYSTEM COVER SHEET IFC SET 06.11.2021 IFC SET SITE PLAN - DATACOMM LAYOUT 06.11.2021 TD-101 LEVEL 1 - DATACOMM SYSTEM LAYOUT IFC SET 06.11.2021 IFC SET TD-102 MEZZANINE - DATACOMM SYSTEM LAYOUT 06.11.2021 TD-200 DATACOMM/NETWORK MDF/IDF ELEVATIONS IFC SET 06.11.2021 TD-500 DATACOMM/NETWORK SYSTEM DETAILS IFC SET 06.11.2021 TD-501 DATACOMM/NETWORK SYSTEM DETAILS IFC SET 06.11.2021 IFC SET 06.11.2021 TD-600 NETWORK ONE-LINE DIAGRAM

	DATACON	MM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	ELEVATION	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
NS	©	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK)	1-CAT6 TO PRIMARY NETWORK PATCH PANEL - REQUIRED POWER: 1 DUPLEX OUTLET (REFER TO SHEET TD-600 FOR NETWORK DETAIL)
PP	° 6000000000000000000000000000000000000	NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)	CAT6 TO NETWORK SWITCH - REQUIRED POWER: 1 DUPLEX OUTLET (REFER TO SHEET TD-600 FOR NETWORK DETAIL)
FS		NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK)	1-CAT6 TO PRIMARY NETWORK PATCH PANEL - REQUIRED POWER: 1 DUPLEX OUTLET (REFER TO SHEET TD-600 FOR NETWORK DETAIL)
WAP		WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS	1-CAT6 TO POE PATCH PANEL IN ASSOCIATED IDF ROOM - T-568B RJ-45 TERMINATION
E	Push FOR HELE	EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)	1-CAT6 TO PATCH PANEL IN ASSOCIATED IDF ROOM - T-568B RJ-45 TERMINATION
WM FM	0 0	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	0	DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	2-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	0 0	DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)	2-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM		QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	4-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM		DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)	4-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM TV	○ □ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-RG6 & 1-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM TV	○ ○ □ ○	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-RG6 & 2-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
	SEE BELOW	IN-UNIT NON-METALLIC MEDIA PANEL (RECESS MOUNTED IN-WALL)	SEE UNIT SHEETS FOR REQUIRED WIRING FROM UNIT TO ASSOCIATED IDF - REQUIRED POWER: 1 DUPLEX OUTLET IN BASE OF ENCLOSURE

STANDARD DATACOMM/NETWORK DEVICE MOUNTING HEIGHTS:



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O: 855-255-5521
WWW.EVERBASECONSULTING.COM

PROJECT ARCHITECT

SUNDAR CLUBHOUSE DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

ORIGINAL ISSUANCE:		DAT
IFC SET		06.11.
REVISION:	DATE:	DELT
SYSTEM DESIGNER:		
SYSTEM REVIEWER:		
ECS JOB NUMBER:		Checke
		EC-102
SHEET INFORMATION		
SHEET TITLE:		
DATACOM SYSTEM C		

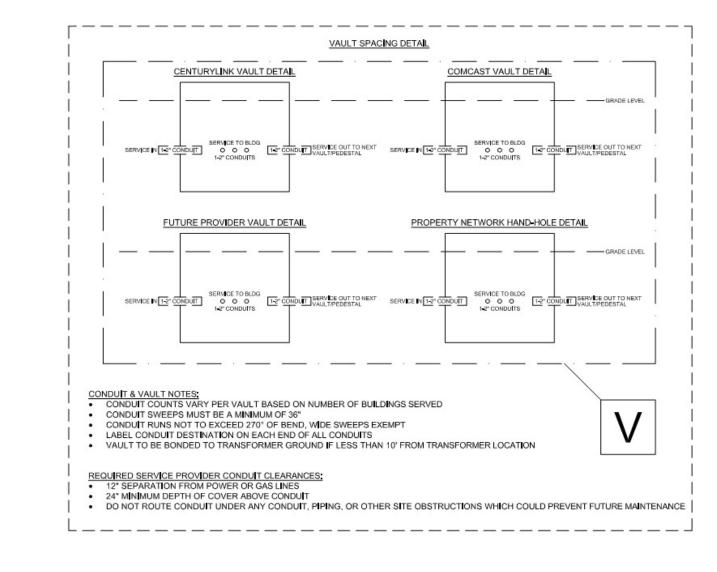
V = SERVICE PROVIDER VAULT GROUPING: SEE VAULT SPACING DETAIL

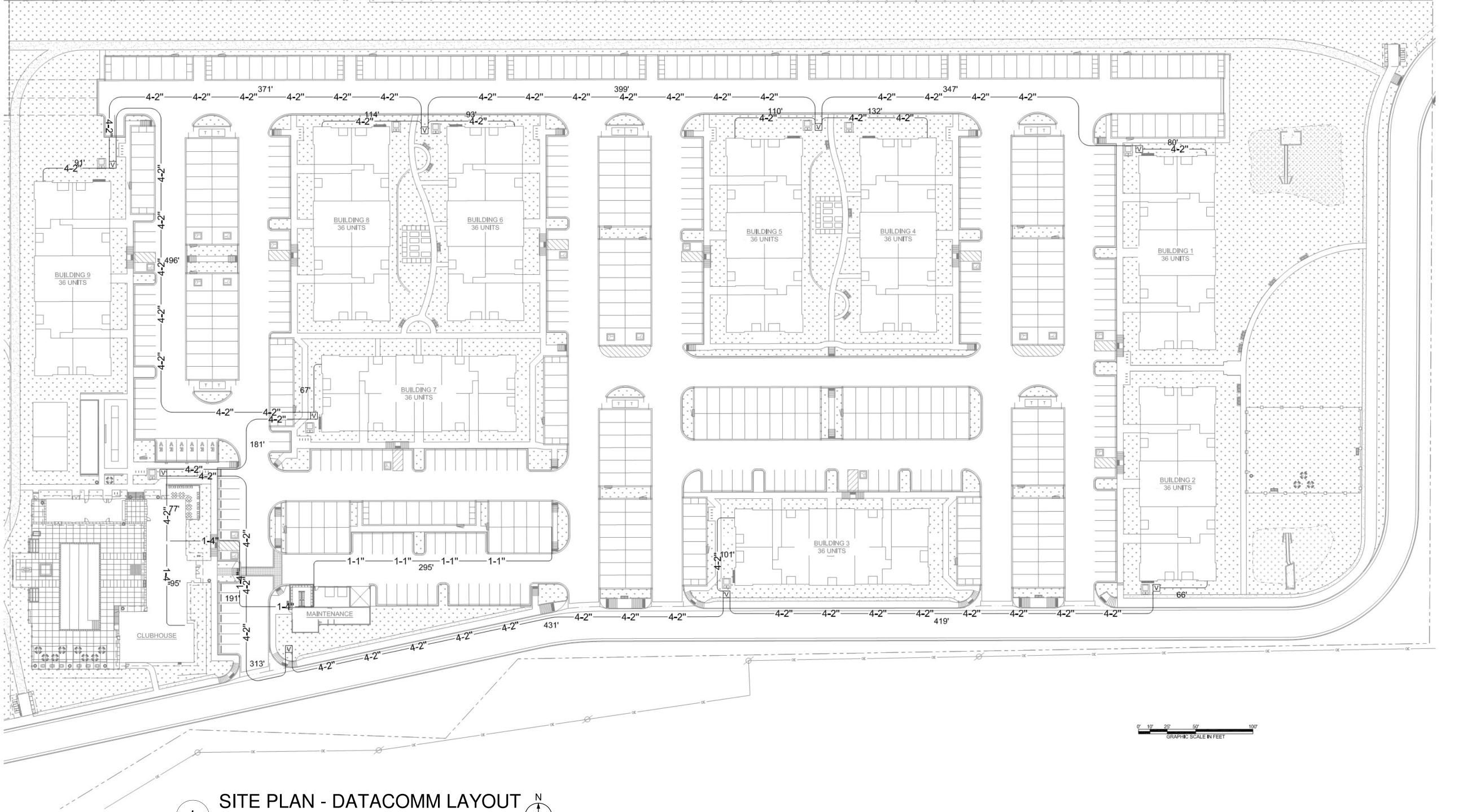
APPROXIMATE JOINT-TRENCH 4-2" CONDUIT RUN-LENGTH: 2957 APPROXIMATE BUILDING LATERAL 4-2" CONDUIT RUN-LENGTH: \[1931 \] APPROXIMATE TOTAL 4-2" CONDUIT RUN-LENGTH: \(\)3888

APPROXIMATE PROVIDER ENTRY 1-4" CONDUIT RUN-LENGTH: 'TBD'

APPROXIMATE BUILDING TECHNOLOGY SYSTEM INTERCONNECTION 1-4" CONDUIT RUN-LENGTH: '286'

RESIDENTIAL BUILDINGS: 36-PLEX (9 OCCURRENCES) TOTAL UNITS IN PROJECT: 324 UNITS





PROJECT ARCHITECT DATACOMM/NETWORK PLAN SYMBOL LEGEND: SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) TECHNOLOGY CONSULTANT WIRELESS ACCESS POINT -PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA OUTLET (WALL WWW.EVERBASECONSULTING.COM DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) PROJECT INFORMATION QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA+VOICE OUTLET (WALL

CONDUIT LEGEND LINE TYPE DESCRIPTION

MOUNTED / FLOOR OUTLET)

DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

TV TV MOUNTED / FLOOR OUTLET)

DATA+DATA+VIDEO OUTLET (WALL

1-4" CEILING MOUNTED CONDUIT FOR SERVICE PROVIDER ENTRY (PROVIDER ALLOCATION DESIGNATED WITH KEYNOTE)

SERVICE & SYSTEM BACKBONE CONDUIT - CEILING MOUNTED: 1-2" WITH METERED PULL STRING FOR CENTURYLINK SERVICE

DISTRIBUTION 1-2" WITH METERED PULL STRING FOR COMCAST SERVICE DISTRIBUTION 1-2" FOR FUTURE SERVICE DISTRIBUTION 1-2" FOR PROPERTY

NETWORK CONNECTION

REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS

REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK DEVICE LAYOUT REFER TO DATACOMM/NETWORK ELEVATION &

DATACOMM/NETWORK NOTES

SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR

REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT REFER TO DATACOMM/NETWORK DETIAL SHEETS

FOR DATACOMM/NETWORK SYSTEM DETAILS & CABLE & CONDUIT ROUTING SUBJECT TO CHANGE

BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS

ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS

ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY

INSALLING CONTRACTOR SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO

BE 36" MINIMUM RADIUS ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER **TERMINATIONS**

UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE

PROVIDERS DESIGN 13. WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR

SECURE STAFF-ONLY NETWORK ACCESS BLOCKING REQUIRED AT ALL COMMON AREA TV LOCATIONS

COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

ORIGINAL ISSUANCE:

EVERBASE

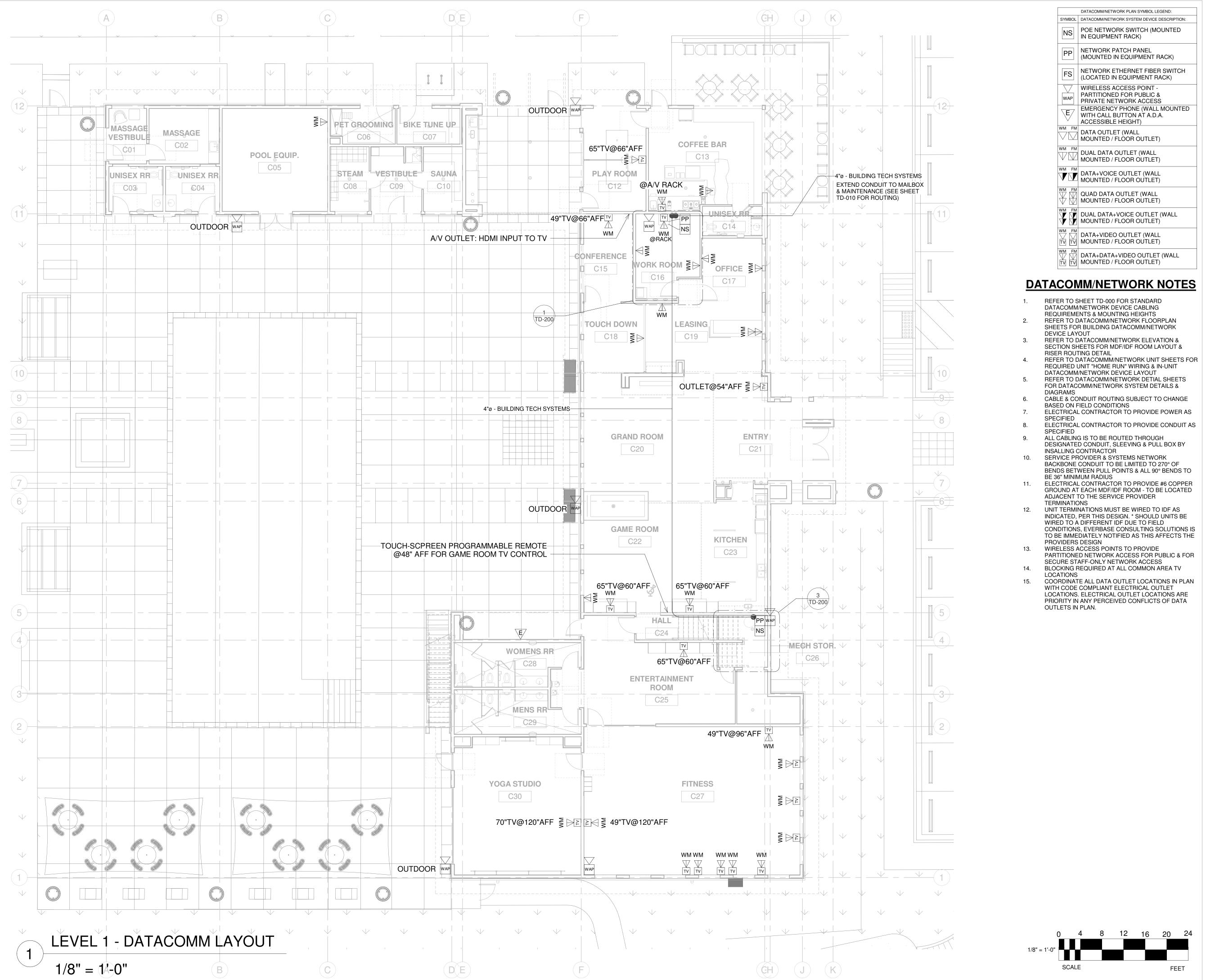
DENVER | CO

P: 720-930-7775

O: 855-255-5521

IFC SET		06.11.2021
REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
SYSTEM REVIEWER:		
		Checker
ECS JOB NUMBER:		
		EC-1023
SHEET INFORMATION		
SHEET TITLE:		
SITE PLAN	- DATA /OUT	СОММ

TD-010



PROJECT ARCHITECT TECHNOLOGY CONSULTANT **EVERBASE**

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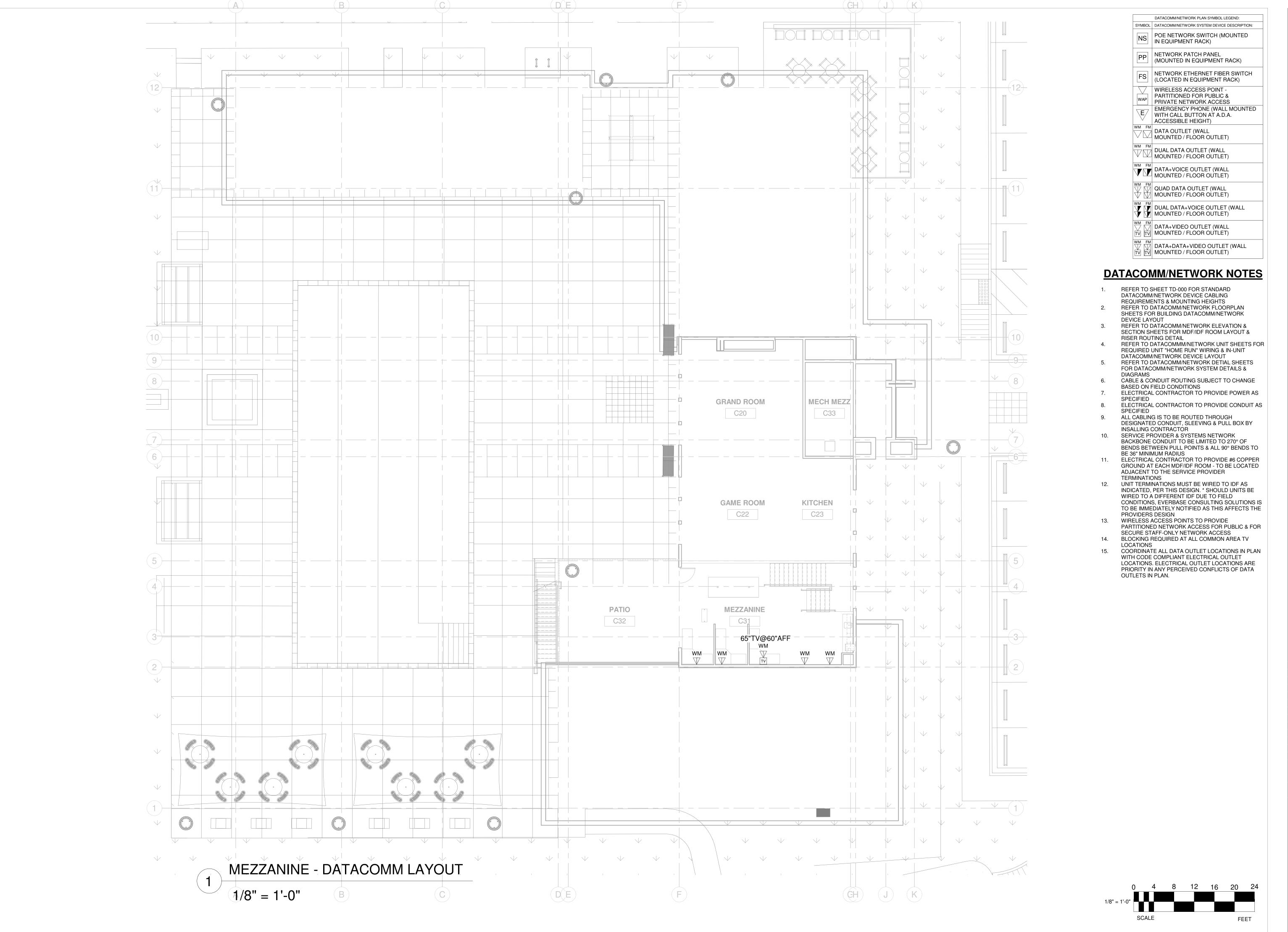
122TH ORAD

PROJECT INFORMATION

ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: Checker ECS JOB NUMBER: EC-1023 SHEET INFORMATION SHEET TITLE:

TD-101

LEVEL 1 - DATACOMM SYSTEM LAYOUT



PROJECT ARCHITECT TECHNOLOGY CONSULTANT **EVERBASE**

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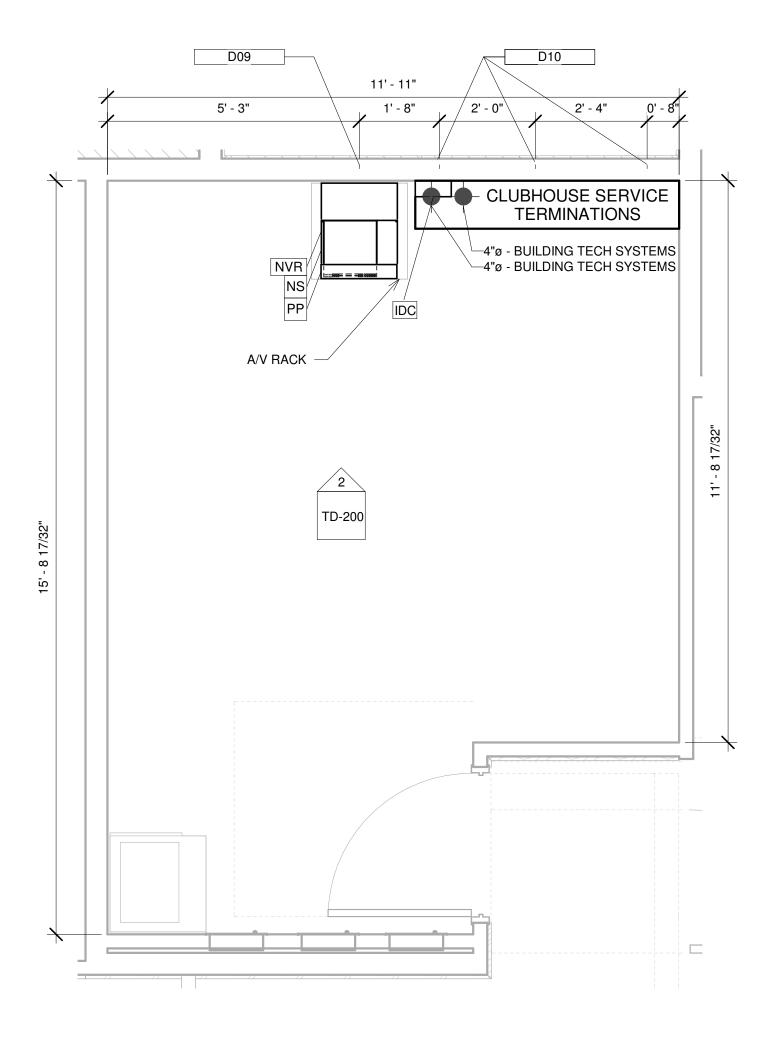
122TH ORAD

PROJECT INFORMATION

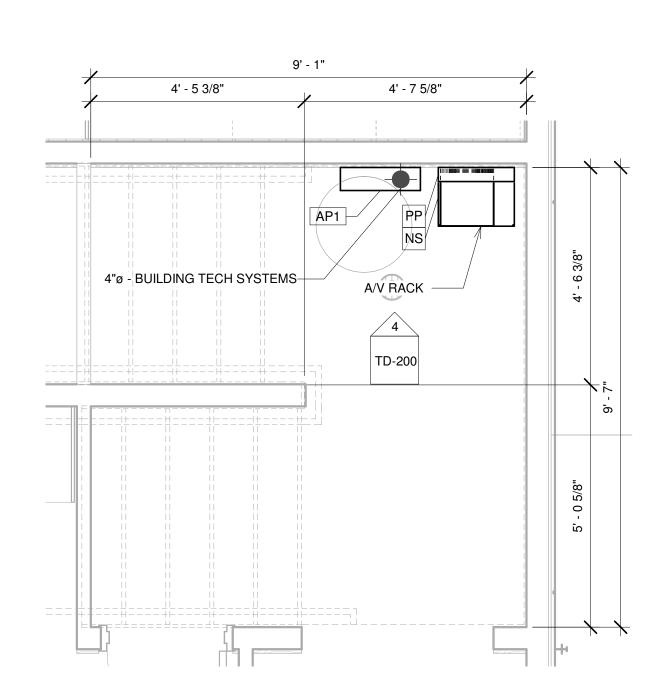
ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: Checker ECS JOB NUMBER: EC-1023 SHEET INFORMATION SHEET TITLE: MEZZANINE - DATACOMM

TD-102

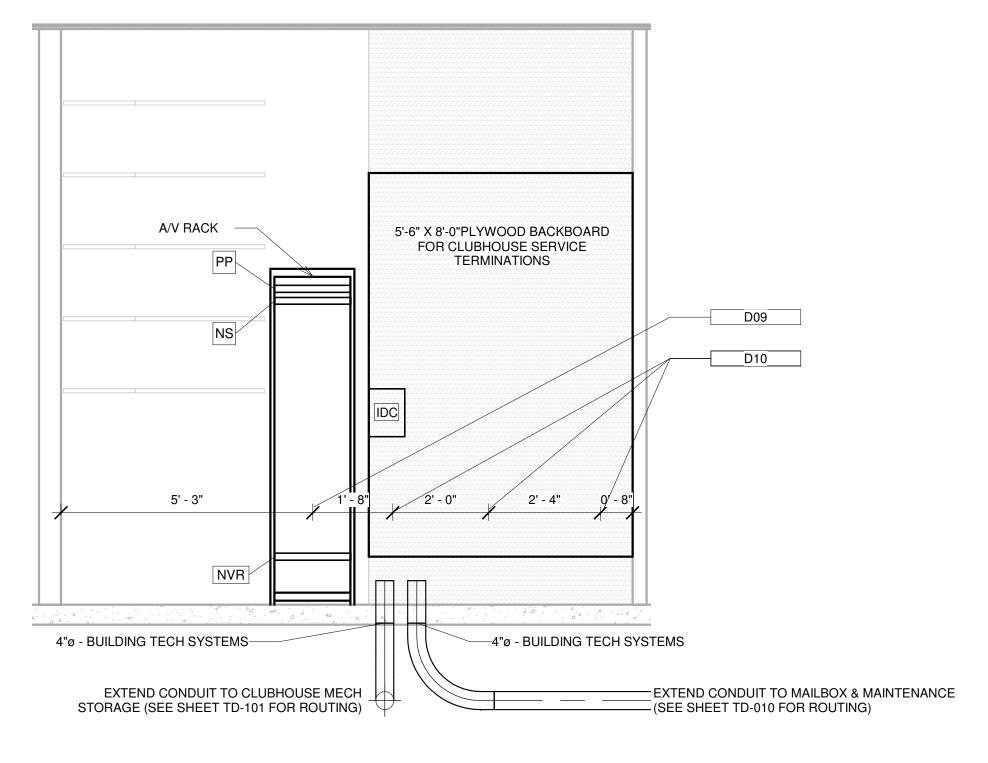
SYSTEM LAYOUT



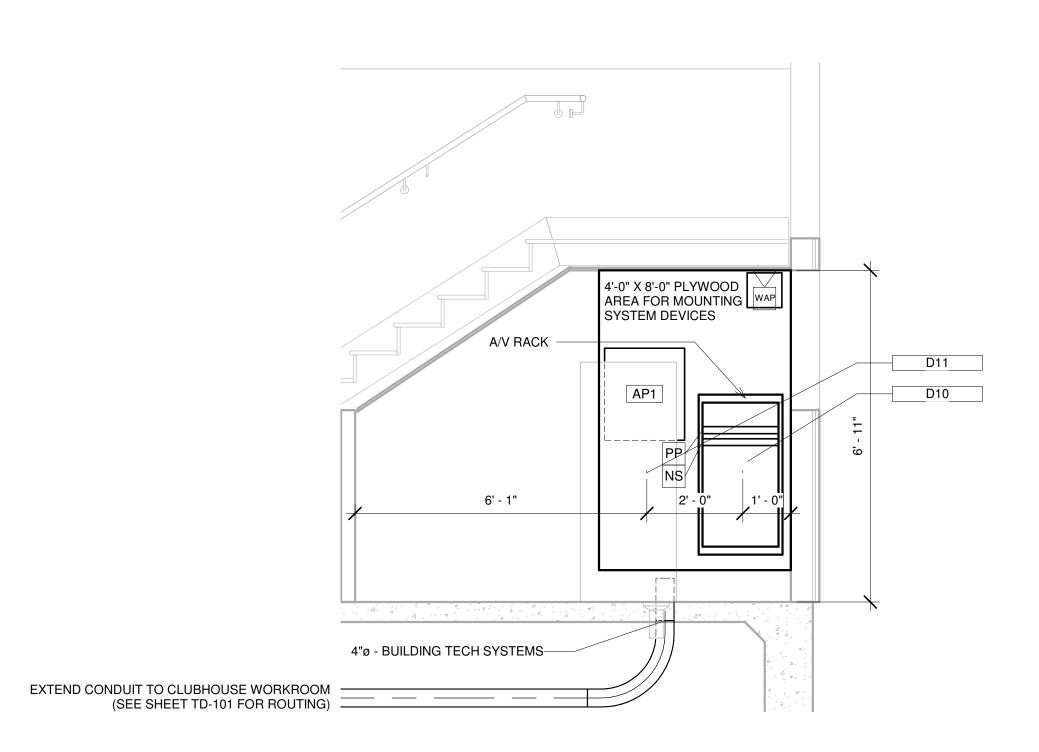
WORKROOM - DATACOMM LAYOUT 1/2" = 1'-0"



MECH STORAGE - DATACOMM LAYOUT



WORKROOM - RIGHT ELEVATION 1/2" = 1'-0"



MECH STORAGE - BACK ELEVATION

DATACOM	IM/NETWORK SYSTEM PLAN SYMBOL LEGEND				
SYMBOL	IBOL DESCRIPTION				
NS	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET				
PP	NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET				
FS	NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET				
NVR	CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET				
AV	AV EQUIPMENT RACK (SEE ZONE DESCRIPTION FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET ON DEDICATED CIRCUIT				
IDC	INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET				
AP#	ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - COORDINATE REQUIRED POWER WITH FLECTRICAL CONTRACTOR				

	Keynote Legend		
Key Value	Keynote Text		
D09	POWER REQUIREMENT: FOUR-PLEX RECEPTACLE ON DEDICATED 20 AMP CIRCUIT		
D10	POWER REQUIREMENT: DUPLEX RECEPTACLE		
D11	POWER REQUIREMENT: DUPLEX RECEPTACLE & J-BOX WITH 2 WHIPS FOR POWER SUPPLIES ON DEDICATED 20 AMP CIRCUITS		

DATACOMM/NETWORK NOTES

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK
- DEVICE LAYOUT
- SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT
- DATACOMM/NETWORK DEVICE LAYOUT REFER TO DATACOMM/NETWORK DETIAL SHEETS
- BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS SPECIFIED
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR
- SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO
- BE 36" MINIMUM RADIUS 11. ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER
- **TERMINATIONS** UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE
- PROVIDERS DESIGN 13. WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR
- SECURE STAFF-ONLY NETWORK ACCESS BLOCKING REQUIRED AT ALL COMMON AREA TV LOCATIONS
- COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

TECHNOLOGY CONSULTANT WWW.EVERBASECONSULTING.COM PROJECT INFORMATION

PROJECT ARCHITECT

EVERBASE CONSULTING SOLUTIONS

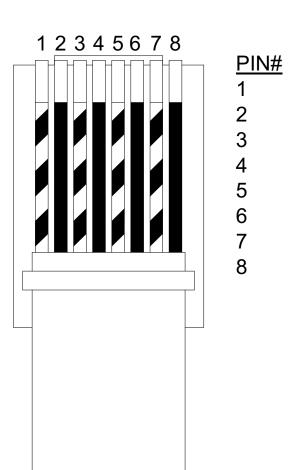
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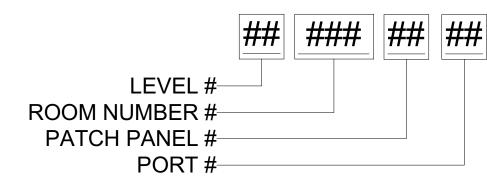
ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: Checker ECS JOB NUMBER: EC-1023 SHEET INFORMATION SHEET TITLE: DATACOMM/NETWORK MDF/IDF ELEVATIONS

TD-200

T-568B RJ-45 PINOUT (TOP VIEW)



CABLE ID/LABELING GUIDE



T-568B RJ-45 TERMINATIONS TO BE USED IN COMMON AREAS

RJ-45 PINNING & LABELING DETAIL

SINGLE DATA OUTLET

<u>COLOR</u>

ORANGE

BLUE

GREEN

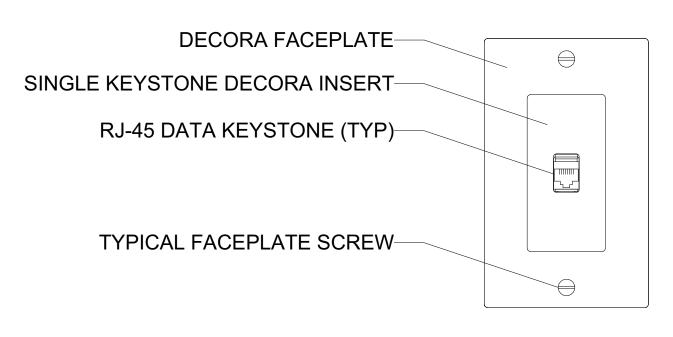
BROWN

WHITE ORANGE

WHITE GREEN

WHITE BLUE

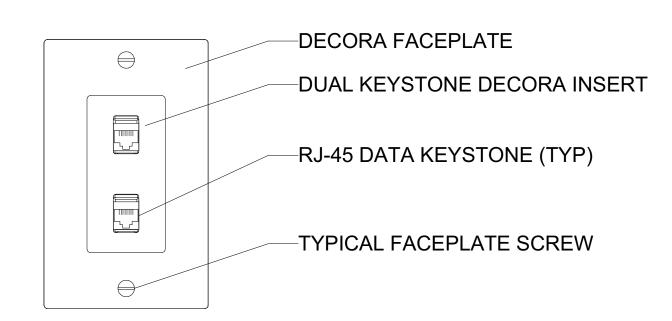
WHITE BROWN



OUTLET CONNECTIONS: 1 DATA CONNECTION

QTY DESCRIPTION
 1 RJ-45 DATA KEYSTONE
 1 UL LISTED CAT-6 CABLE

DUAL DATA OUTLET



OUTLET CONNECTIONS: 2 DATA CONNECTIONS

QTY DESCRIPTION

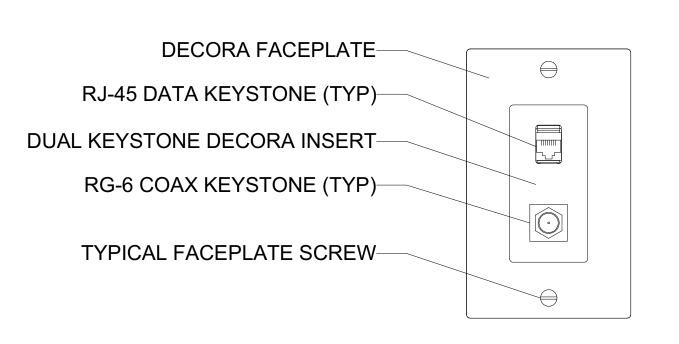
2 RJ-45 DATA KEYSTONES2 UL LISTED CAT-6 CABLES

DATA FACEPLATE DETAILS

NTS

NTS

SINGLE DATA + VIDEO OUTLET

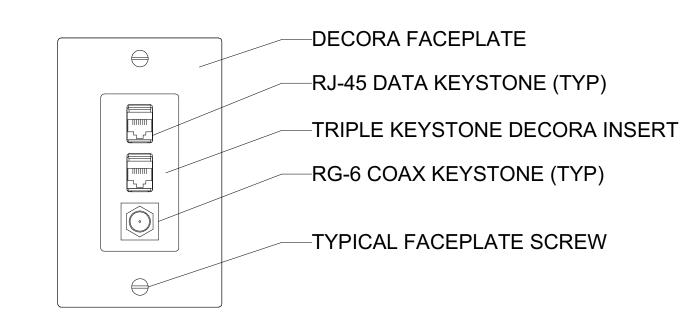


OUTLET CONNECTIONS: 1 DATA, 1 VIDEO CONNECTIONS

QTY DESCRIPTION

RJ-45 DATA KEYSTONES
UL LISTED CAT-6 CABLES
RG6 COAX KEYSTONE
UL LISTED COAX CABLE

DUAL DATA + VIDEO OUTLET



OUTLET CONNECTIONS: 2 DATA, 1 VIDEO CONNECTIONS

QTY DESCRIPTION

2 RJ-45 DATA KEYSTONES
2 UL LISTED CAT-6 CABLES
1 RG6 COAX KEYSTONE
1 UL LISTED COAX CABLE

DATACOMM/NETWORK PLAN SYMBOL LEGEND:

SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION:

NS POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK)

PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)

FS (MOUNTED IN EQUIPMENT RACK)

NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK)

WIRELESS ACCESS POINT PARTITIONED FOR PUBLIC &
PRIVATE NETWORK ACCESS

EMERGENCY PHONE (WALL MOUNTED

EMERGENCY PHONE (WALL MOUNTH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)

DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)

DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)

DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)

QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)

WM FM DUAL DATA+VOICE OUTLET (WALL

MOUNTED / FLOOR OUTLET)

DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

DATA+DATA+VIDEO OUTLET (WALL TV) TV MOUNTED / FLOOR OUTLET)

DATACOMM/NETWORK NOTES

1. REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS

2. REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK DEVICE LAYOUT

3. REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL

4. REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT

5. REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS

 6. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
 7. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS

8. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS SPECIFIED
9. ALL CABLING IS TO BE ROUTED THROUGH

DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR

SERVICE PROVIDER & SYSTEMS NETWORK

BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO BE 36" MINIMUM RADIUS

11. ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER

11. ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER TERMINATIONS

12. UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE PROVIDERS DESIGN

13. WIRELESS ACCESS POINTS TO PROVIDE
PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR

SECURE STAFF-ONLY NETWORK ACCESS

14. BLOCKING REQUIRED AT ALL COMMON AREA TV
LOCATIONS

LOCATIONS
15. COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

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PROJECT INFORMATION

PROJECT ARCHITECT

SUNDAR CLUBHOUS

DILLON ROAD & SOUTH 122TH STREET

LAFAYETTE, COLORADO

ORIGINAL ISSUANCE: DATE:

IFC SET 06.11.202

REVISION: DATE: DELTA:

SYSTEM DESIGNER:

SYSTEM REVIEWER:

Checker

ECS JOB NUMBER:

EC-1023

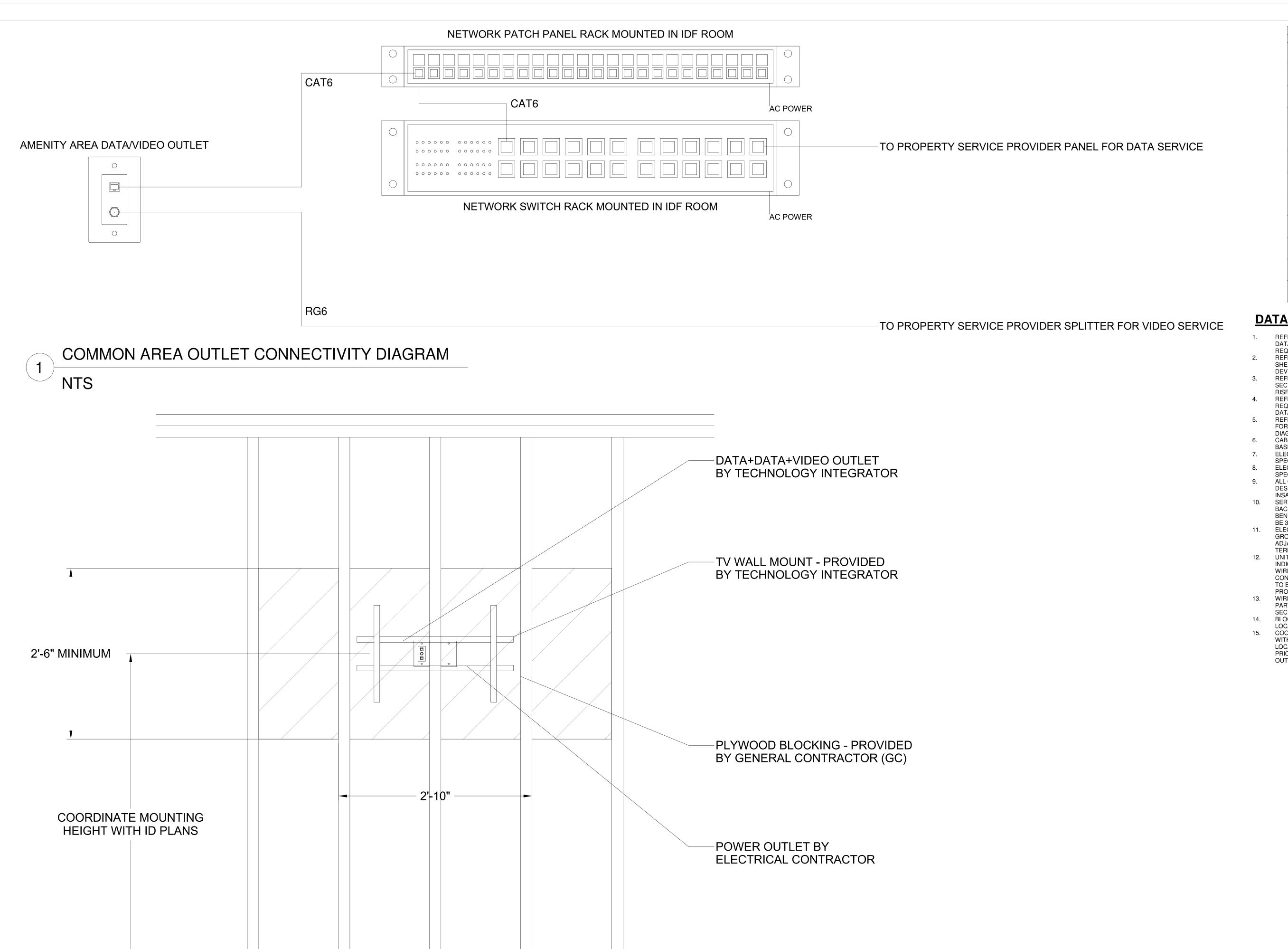
SHEET INFORMATION

SHEET TITLE:

DATACOMM/NETWORK

SYSTEM DETAILS

TD-500



WALL MOUNTED TV BLOCKING DETAIL

NTS

DATACOMM/NETWORK PLAN SYMBOL LEGEND: SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) WIRELESS ACCESS POINT -PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA OUTLET (WALL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET) WM FM DATA+DATA+VIDEO OUTLET (WALL | TV | TV | MOUNTED / FLOOR OUTLET)

DATACOMM/NETWORK NOTES

- 1. REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- 2. REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK DEVICE LAYOUT
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL
- RISER ROUTING DETAIL
 REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR
 REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT
- DATACOMM/NETWORK DEVICE LAYOUT

 REFER TO DATACOMM/NETWORK DETIAL SHEETS
 FOR DATACOMM/NETWORK SYSTEM DETAILS &
- DIAGRAMS
 6. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS
 ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- SPECIFIED

 8. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS SPECIFIED
- 9. ALL CABLING IS TO BE ROUTED THROUGH
 DESIGNATED CONDUIT, SLEEVING & PULL BOX BY
- INSALLING CONTRACTOR

 10. SERVICE PROVIDER & SYSTEMS NETWORK

 BACKBONE CONDUIT TO BE LIMITED TO 270° OF
- BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO BE 36" MINIMUM RADIUS

 11. ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM TO BE LOCATED
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PROJECT INFORMATION

SUNDAR CLUBHOUSE
DILLON ROAD & SOUTH 122TH STREET
LAFAYETTE, COLORADO

ORIGINAL ISSUANCE:

IFC SET

06.11.2021

REVISION:

DATE:

DELTA:

SYSTEM DESIGNER:

Designer

SYSTEM REVIEWER:

Checker

ECS JOB NUMBER:

EC-1023

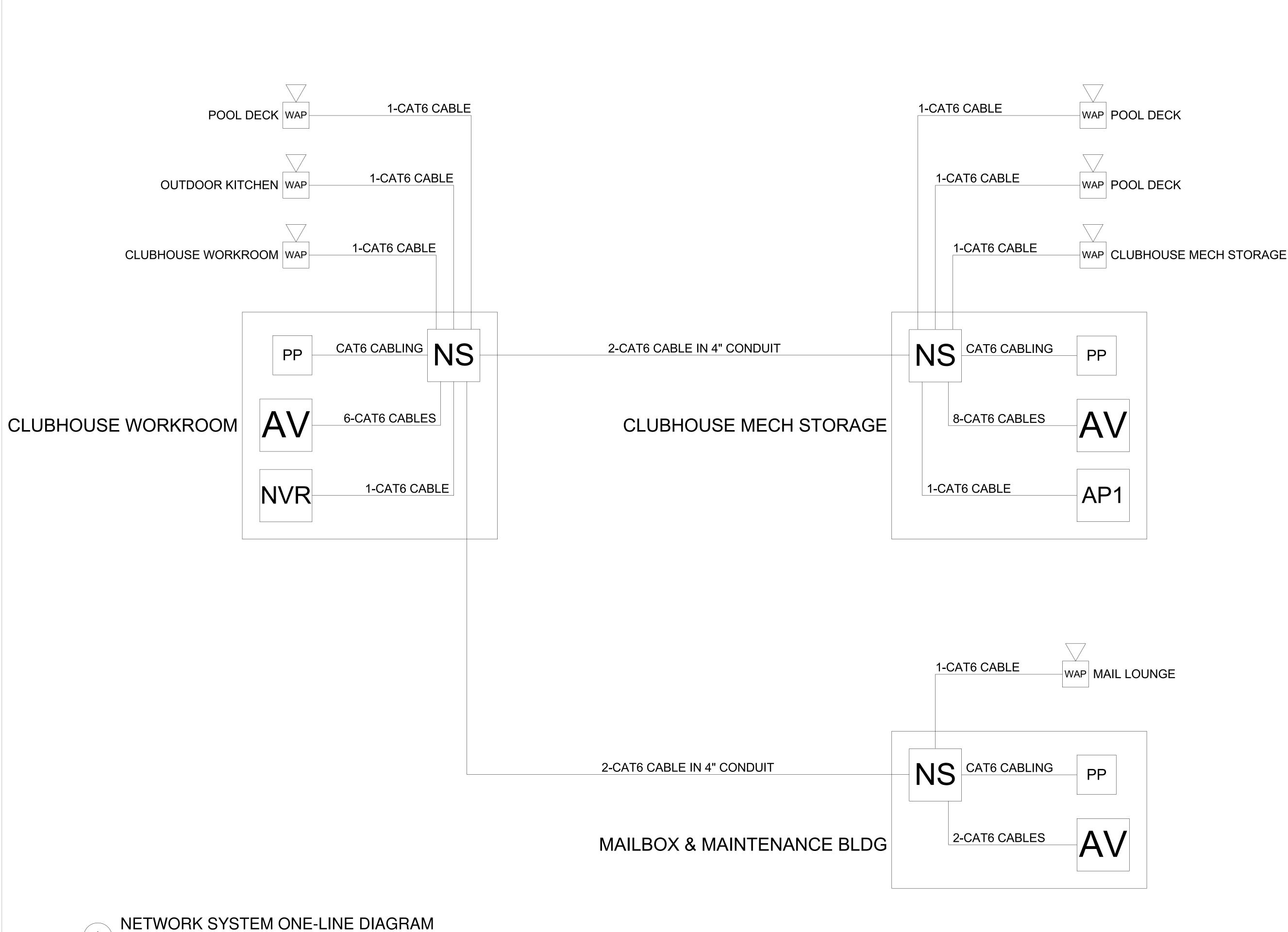
SHEET INFORMATION

SHEET TITLE:

DATE:

06.11.2021

TD-501



DATACOMM/NETWORK SYSTEM PLAN SYMBOL LEGEND SYMBOL DESCRIPTION NS POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET NETWORK ETHERNET FIBER SWITCH (LOCATED IN FS | EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX NVR CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET AV EQUIPMENT RACK (SEE ZONE DESCRIPTION FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET
ON DEDICATED CIRCUIT IDC | INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET ACCESS CONTROL PANEL & POWER SUPPLY (WALL AP# | MOUNTED) - COORDINATE REQUIRED POWER WITH ELECTRICAL CONTRACTOR

DATACOMM/NETWORK NOTES

- REFER TO SHEET TD-000 FOR STANDARD
 DATACOMM/NETWORK DEVICE CABLING
 REQUIREMENTS & MOUNTING HEIGHTS
 REFER TO DATACOMM/NETWORK FLOORPLAN
 SHEETS FOR BUILDING DATACOMM/NETWORK
 DEVICE LAYOUT
 REFER TO DATACOMM/NETWORK ELEVATION &
- SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL
 . REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR
- REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT

 5. REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS &
- 6. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- 7. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED
- 8. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS SPECIFIED
 - ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR
- SERVICE PROVIDER & SYSTEMS NETWORK
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 ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER
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 TERMINATIONS

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- CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE PROVIDERS DESIGN
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- 14. BLOCKING REQUIRED AT ALL COMMON AREA TV LOCATIONS
 15. COORDINATE ALL DATA OUTLET LOCATIONS IN PLANTING OF COMPLIANT ELECTRICAL OUTLET.

COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

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ORIGINAL ISSUANCE:

IFC SET

06.11.202

REVISION:

DATE:

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SYSTEM DESIGNER:

SYSTEM REVIEWER:

Checker

ECS JOB NUMBER:

EC-1023

SHEET INFORMATION

SHEET TITLE:

TD-600

NETWORK ONE-LINE DIAGRAM

CCTV CAMERA SYSTEM DRAWING INDEX Sheet Number Sheet Description Issuance Title Issue Date Technology Set - CCTV Camera System Sheets TC-000 CCTV SYSTEM COVER SHEET IFC SET 06.11.2021 TC-101 LEVEL 1 - CCTV SYSTEM LAYOUT IFC SET 06.11.2021

IFC SET

IFC SET

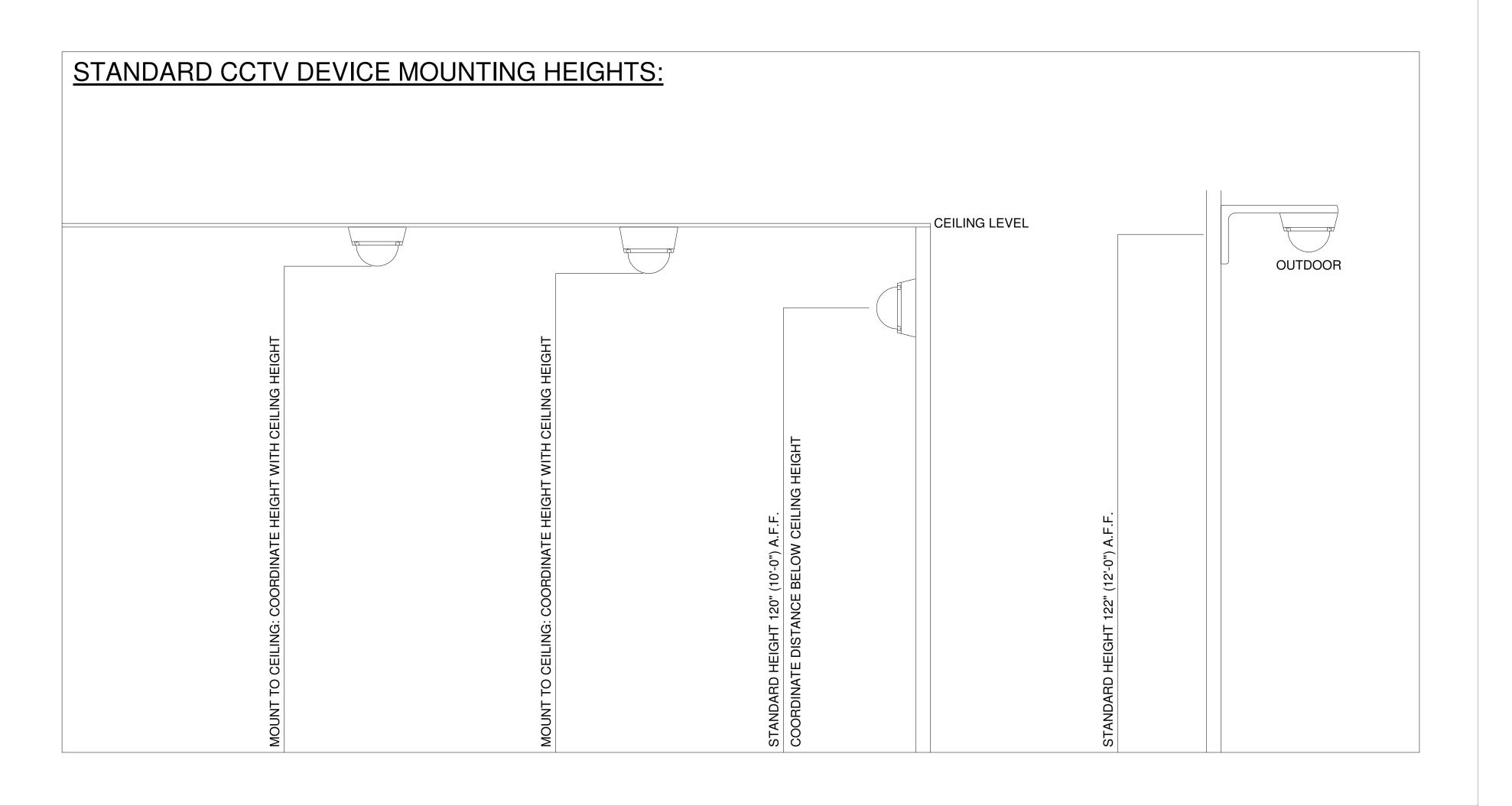
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06.11.2021

MEZZANINE - CCTV SYSTEM LAYOUT

CCTV SYSTEM SCHEDULE & DETAIL

CCTV PLA	CCTV PLAN SYMBOL LEGEND:					
SYMBOL	ELEVATION	CCTV SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:			
NVR	SEE DETAIL ON SHEET TD-600	CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET	1-CAT6 TO NETWORK PATCH PANEL			
□ 1-1		CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL			
PTZ 2-1		CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-16/2 STRANDED FOR POWER & 1-CAT6 TO ASSOCIATED POE PATCH PANEL			
 		WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL			
PTZ 2-2		WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-16/2 STRANDED FOR POWER & 1-CAT6 TO ASSOCIATED POE PATCH PANEL			
J	SIZING AS NEEDED	CCTV SYSTEM J-BOX	2-GANG BOX FOR ACCESS TO CCTV DEVICE FROM CONDUIT			



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PROJECT INFORMATION

SUNDAR CLUBHOUSE DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

ORIGINAL ISSUANCE:		DATE:
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SYSTEM REVIEWER:		
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SHEET NUMBER:		

TC-000



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PROJECT INFORMATION

SUNDAR CLUBHOUSE DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

ORIGINAL ISSUANCE:

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06.11.2021

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SYSTEM REVIEWER:

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ECS JOB NUMBER:

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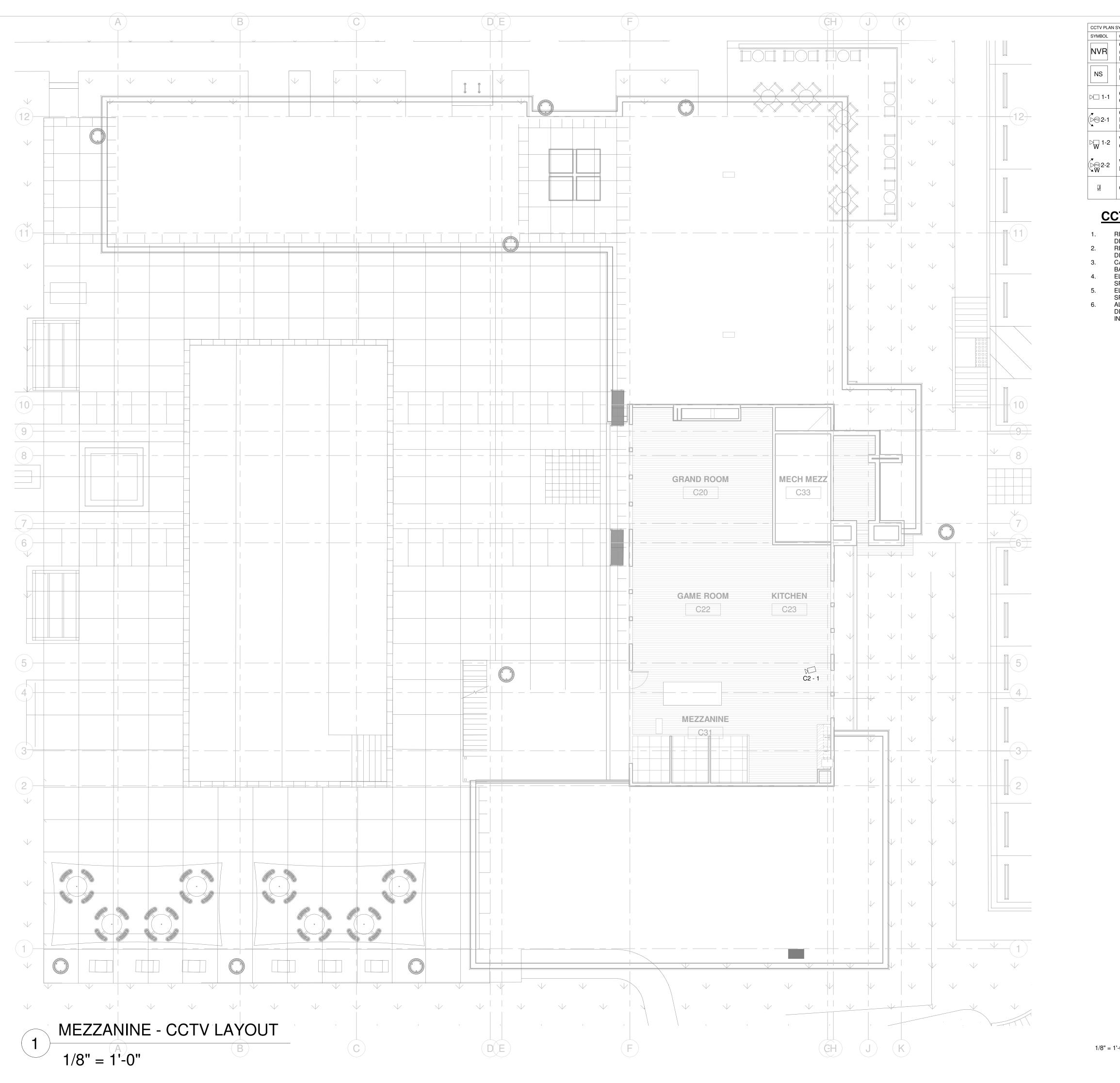
SHEET INFORMATION

SHEET TITLE:

LEVEL 1 - CCTV SYSTEM

LAYOUT

TC-101



CCTV PLAN SYMBOL LEGEND: SYMBOL CCTV SYSTEM DEVICE DESCRIPTION: NVR CCTV SYSTEM NETWORK VIDEO RECORDER (NVR)
(MOUNTED IN EQUIPMENT RACK) - REQUIRED
POWER: 1 DUPLEX OUTLET POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) TECHNOLOGY CONSULTANT CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE EVERBASE CONSULTING SOLUTIONS DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) DENVER | CO P: 720-930-7775 O: 855-255-5521 ☑ CCTV SYSTEM J-BOX WWW.EVERBASECONSULTING.COM

CCTV SYSTEM PLAN NOTES

- . REFER TO SHEET TC-000 FOR STANDARD CCTV DEVICE MOUNTING HEIGHTS
- 2. REFER TO CCTV DETAILS FOR CCTV SYSTEM
- 3. CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS
 4. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- SPECIFIED

 5. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT
- SPECIFIED
- ALL CABLING IS TO BE ROUTED THROUGH
 DESIGNATED CONDUIT, SLEEVING & PULL BOX BY
 INSTALLING CONTRACTOR

SUNDAR CLUBHOUSE
DILLON ROAD & SOUTH 122TH STREET
LAFAYETTE, COLORADO

PROJECT INFORMATION

ORIGINAL ISSUANCE:		DATE:
IFC SET		06.11.202
REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
OTOTEW BEOTOTIES.		Designer
SYSTEM REVIEWER:		2 00.90.
		Checker
ECS JOB NUMBER:		EC-1023
SHEET INFORMATION		LO-1023
SHEET TITLE:		

MEZZANINE - CCTV SYSTEM LAYOUT

TC-102

FEET

CCTV DEVICE SCHEDULE								
LEVEL	CAMERA LOCATION	NETWORK SWITCH IN ROOM	VC	-ID	CAMERA MOUNTING	CAMERA RESOLUTION	LENSE TYPE	NOTES
LEVEL 1	CLUBHOUSE ENTRY	WORKROOM	C1	1	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	WIDE DYNAMIC RANGE
LEVEL 1	GRAND ROOM	WORKROOM	C1	2	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	
LEVEL 1	KITCHEN	WORKROOM	C1	3	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	
LEVEL 1	ENTERTAINMENT ROOM	MECH STORAGE	C1	4	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	
LEVEL 1	ENTERTAINMENT ROOM	MECH STORAGE	C1	5	WALL MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	
LEVEL 1	FITNESS	MECH STORAGE	C1	6	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	
LEVEL 1	YOGA ENTRY	MECH STORAGE	C1	7	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	WIDE DYNAMIC RANGE
LEVEL 1	SAUNA ENTRY	WORKROOM	C1	8	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	WIDE DYNAMIC RANGE
LEVEL 1	POOL DECK	WORKROOM	C1	9	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	WIDE DYNAMIC RANGE
LEVEL 1	BIKE & PET AMENITY ENTRIES	WORKROOM	C1	10	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	
LEVEL 1	OUTDOOR KITCHEN	WORKROOM	C1	11	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	WIDE DYNAMIC RANGE
LEVEL 1	COFFEE BAR	WORKROOM	C1	12	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	
MEZZANINE	MEZZANINE	MECH STORAGE	C2	1	CEILING MOUNTED - FIXED POSITION	2 MP (1920 x 1080)	2.8 - 9 MM VARIFOCAL	WIDE DYNAMIC RANGE

NS 1-CAT6 CABLE 1-CAT6 CABLE

CCTV SYSTEM CONNECTIVITY DIAGRAM

CLUBHOUSE MECH STORAGE CLUBHOUSE WORKROOM NS NS 1-CAT6 CABLE IN 4" CONDUIT 1-CAT6 CABLE CLUBHOUSE - CCTV SYSTEM NVR NVR 1-CAT6 CABLE CLUBHOUSE - ENTERTAINMENT ROOM C1-4 1-CAT6 CABLE 1-CAT6 CABLE CLUBHOUSE - ENTERTAINMENT ROOM C1-5 CLUBHOUSE - ENTRY C1-1 1-CAT6 CABLE 1-CAT6 CABLE CLUBHOUSE - FITNESS C1-6 CLUBHOUSE - GRAND ROOM C1-2 1-CAT6 CABLE 1-CAT6 CABLE CLUBHOUSE - KITCHEN C1-3 CLUBHOUSE - YOGA ENTRY C1-7 1-CAT6 CABLE CLUBHOUSE - SAUNA ENTRY C1-8 1-CAT6 CABLE 1-CAT6 CABLE CLUBHOUSE - POOL DECK C1-9 CLUBHOUSE - MEZZANINE C2-1 1-CAT6 CABLE CLUBHOUSE - BIKE & PET AMENITY ENTRIES C1-10 1-CAT6 CABLE CLUBHOUSE - OUTDOOR KITCHEN C1-11 1-CAT6 CABLE CLUBHOUSE - COFFEE BAR C1-12

CCTV PLAN SYMBOL LEGEND: SYMBOL | CCTV SYSTEM DEVICE DESCRIPTION: CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) NVR (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE DOME CAMERA (LEVEL - CAMERA NUMBER WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) CCTV SYSTEM J-BOX

CCTV SYSTEM PLAN NOTES

- REFER TO SHEET TC-000 FOR STANDARD CCTV
- DEVICE MOUNTING HEIGHTS REFER TO CCTV DETAILS FOR CCTV SYSTEM
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT SPECIFIED
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR

122TH S-ORADO SUNICON

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

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ORIGINAL ISSUANCE:		DATE
IFC SET		06.11.2
REVISION:	DATE:	DELTA
SYSTEM DESIGNER:		
		Designe
SYSTEM REVIEWER:		
500 IOD NUMBER		Checke
ECS JOB NUMBER:		EC-1023
SHEET INFORMATION		

TC-500

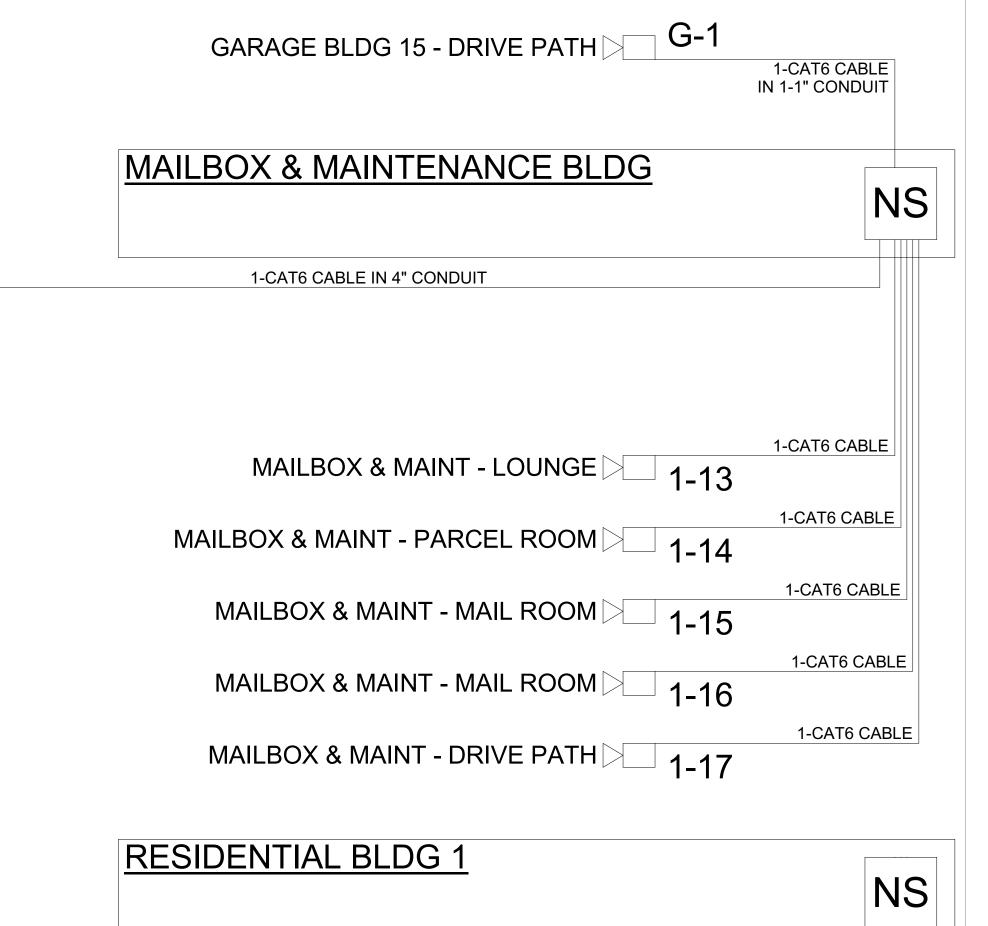
1-CAT6 CABLE

1-CAT6 CABLE

1-CAT6 CABLE

CCTV SYSTEM ONE-LINE DIAGRAM

NTS



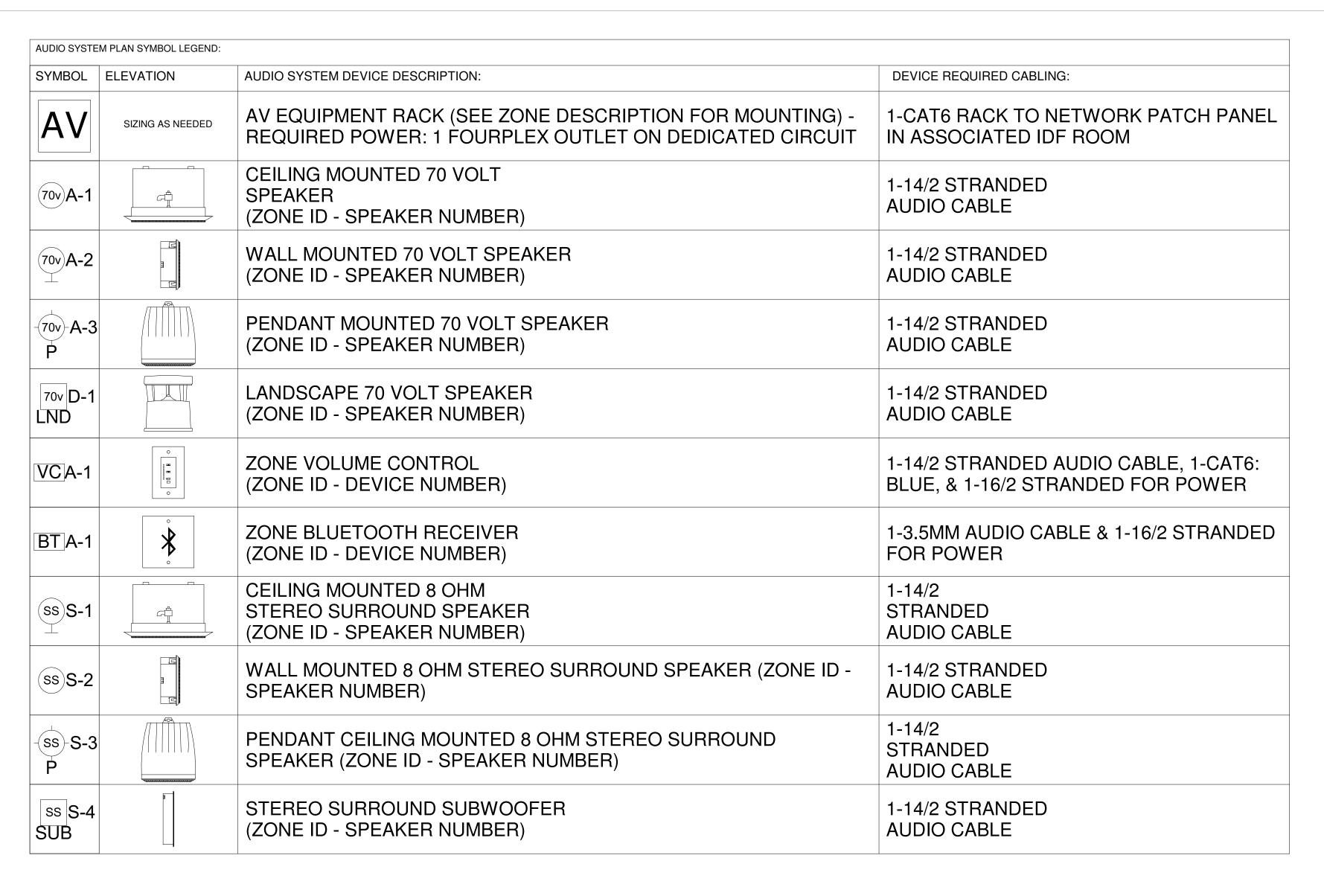
1-MM FIBER IN 2" CONDUIT

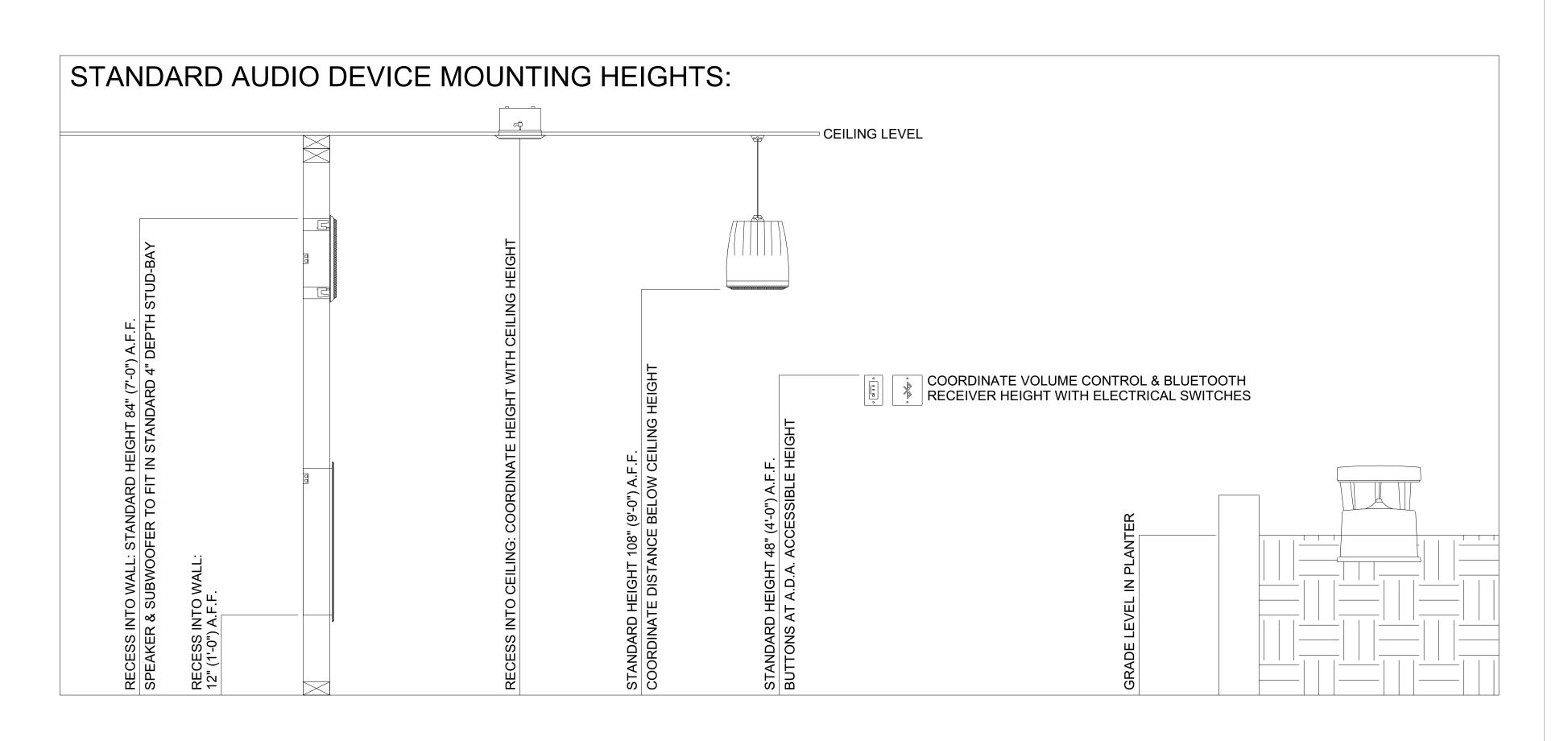
RESIDENTIAL BLDG 2 - GREEN AREA 2-1

RESIDENTIAL BLDG 2 - GREEN AREA 2-2

RESIDENTIAL BLDG 2 - DRIVE PATH 2-3

AUDIO SYSTEM DRAWING INDEX				
Sheet Number	Sheet Description	Issuance Title	Issue Date	
Technology S	et - Audio System Sheets	,		
TA-000	AUDIO SYSTEM COVER SHEET	IFC SET	06.11.2021	
TA-101	LEVEL 1 - AUDIO SYSTEM LAYOUT	IFC SET	06.11.2021	
TA-102	MEZZANINE - AUDIO SYSTEM LAYOUT	IFC SET	06.11.2021	





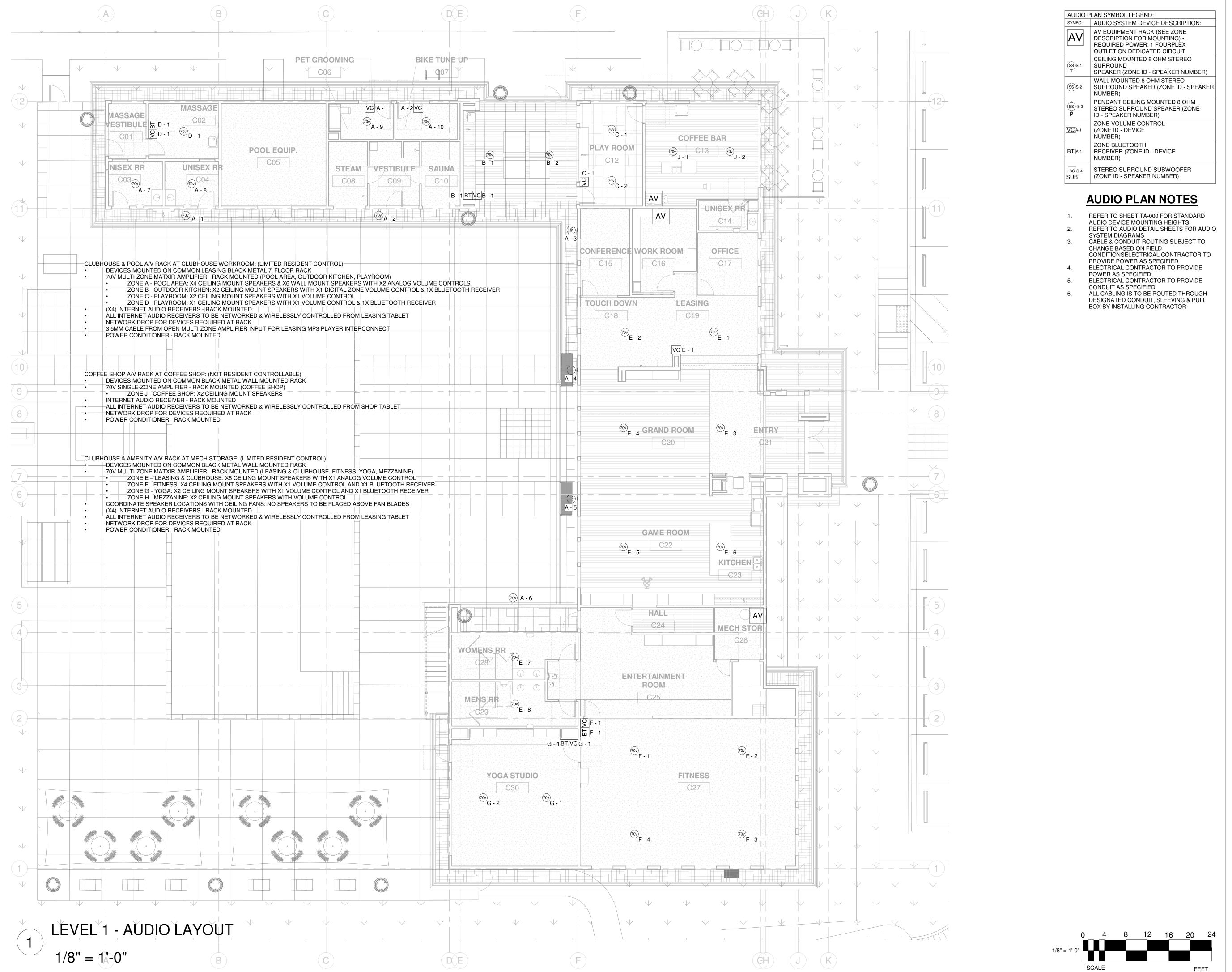
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PROJECT ARCHITECT

SUNDAR CLUBHOUSE DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

		DATE
IFC SET		06.11.2
REVISION:	DATE:	DELTA
SYSTEM DESIGNER:		
SYSTEM REVIEWER:		
EGG TOD MUMDED		Checke
ECS JOB NUMBER:		EC-1023
SHEET INFORMATION		

TA-000



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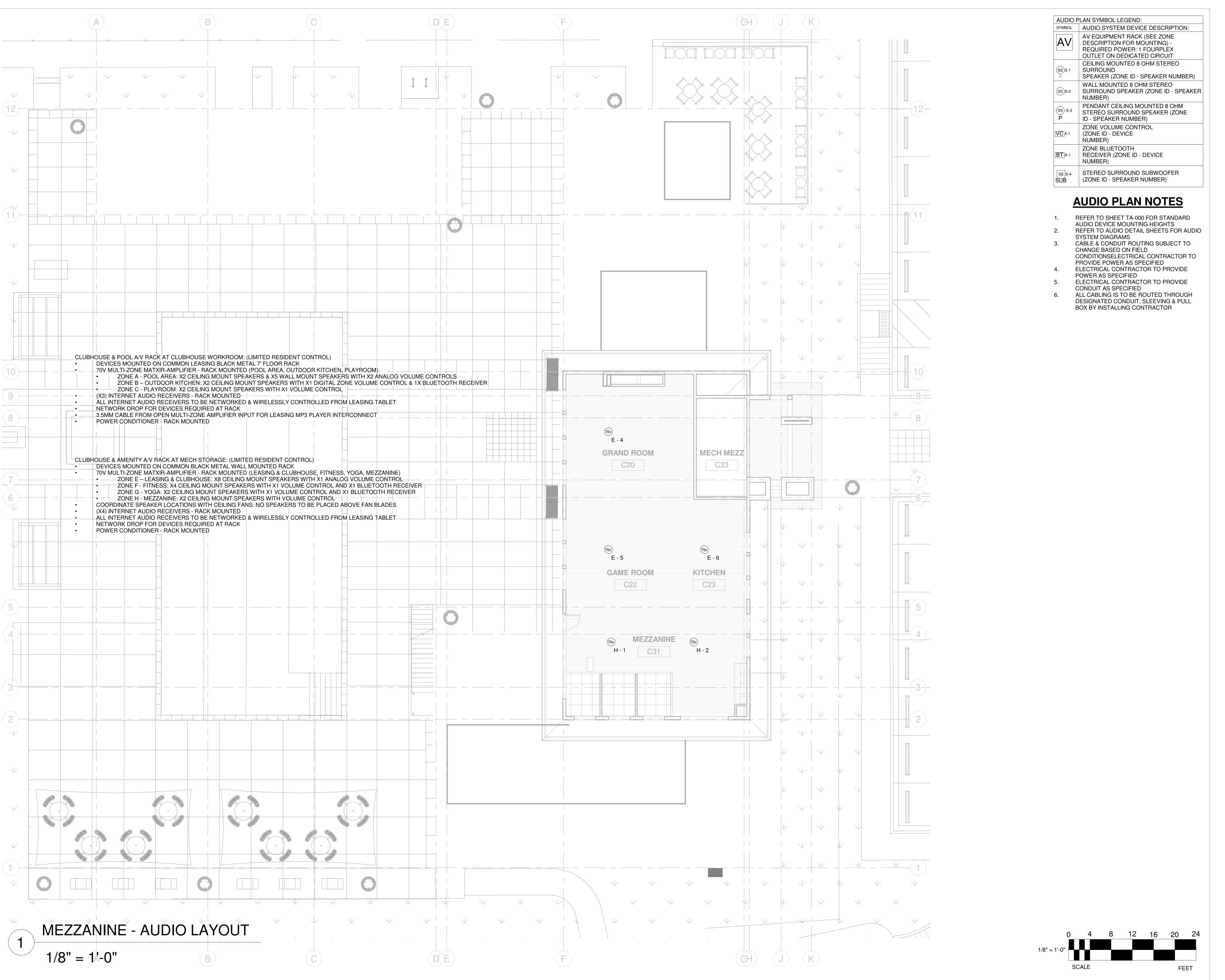
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ECS JOB NUMBER:		EO 1000
SHEET INFORMATION		EC-1023
SHEET TITLE:		
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TA-101



PROJECT ARCHITECT

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PROJECT INFORMATION

SUNDAR CLUBHOUS

DILLON ROAD & SOUTH 122TH STREET

I AFAYETTE COLORADO

ORIGINAL ISSUANCE: DATE:

IFC SET 06.11.202

REVISION: DATE: DELTA:

SYSTEM DESIGNER:

Designer

SYSTEM REVIEWER:

Checker

ECS JOB NUMBER:

EC-1023

SHEET INFORMATION

SHEET TITLE:

MEZZANINE - AUDIO
SYSTEM LAYOUT

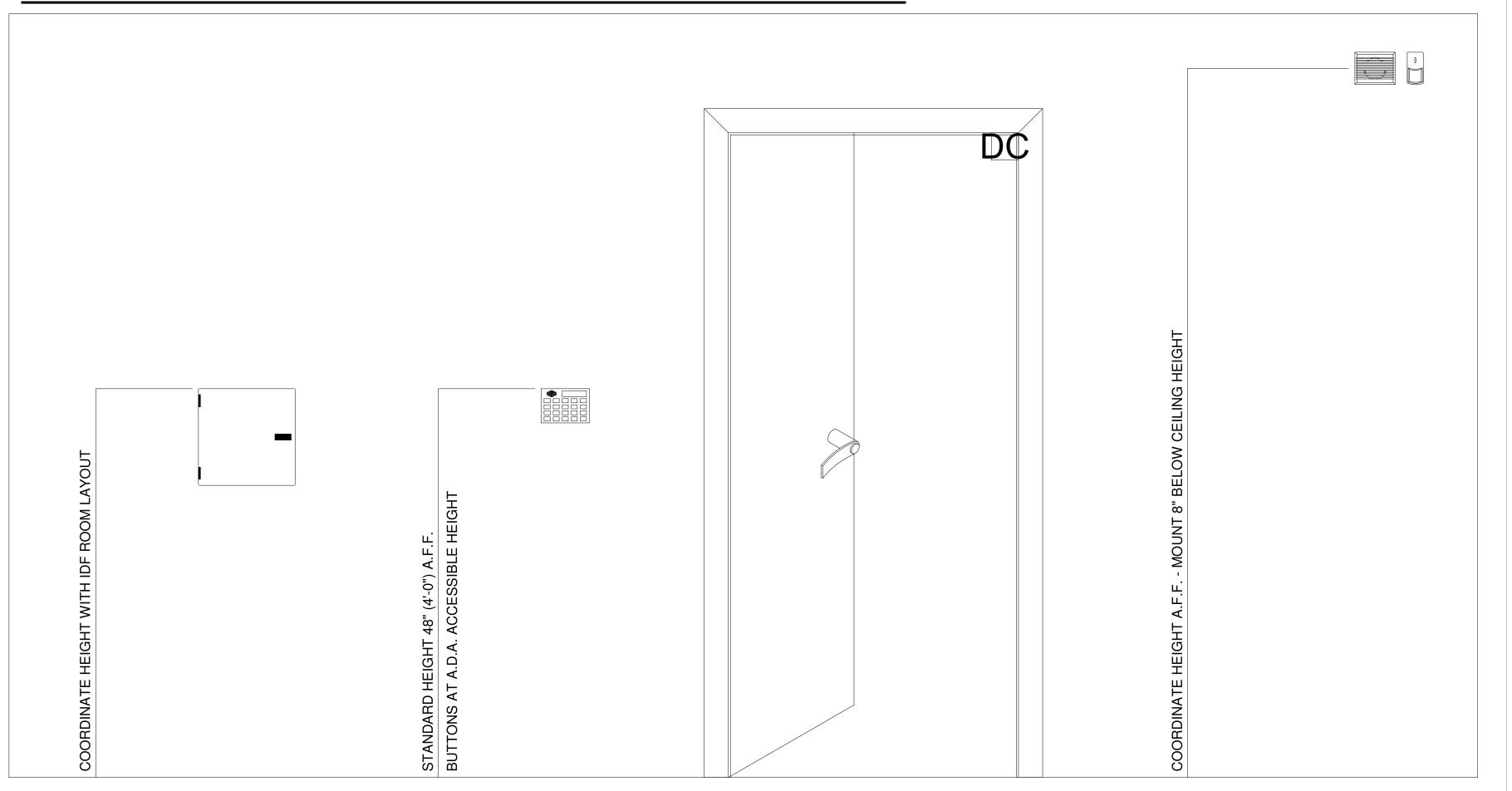
T NUMBER:

TA-102

INTRUTION DETECTION SYSTEM DRAWING INDEX					
Sheet Number	Sheet Description	Issuance Title	Issue Date		
Technology S	et - Intrusion Detection System				
TS-000	INTRUSION DETECTON SYSTEM COVER SHEET	IFC SET	06.11.2021		
TS-101	LEVEL 1 - INTRUSION DETECTION SYSTEM LAYOUT	IFC SET	06.11.2021		
TS-600	INTRUSION DETECTION SYSTEM ONE-LINE DIAGRAM	IFC SET	06.11.2021		

INTRUSIO	INTRUSION DETECTION PLAN SYMBOL LEGEND:					
SYMBOL	ELEVATION	INTRUSION DETECTION SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:			
IDC	_	INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED)	1-CAT6 TO PHONE BLOCK IN ASSOCIATED IDF ROOM - REQUIRED POWER: 1 DUPLEX OUTLET			
KP		INTRUSION DETECTION KEYPAD (WALL MOUNTED WITH BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER			
DC	0 0	DOOR CONTACT (MOUNTED TO DOOR FRAME)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER			
MS		MOTION SENSOR (WALL MOUNTED)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER			
VS		MOTION SENSOR (WALL MOUNTED)	1-22/4 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER			
		INTRUSION DETECTION SIREN (AT KEYPAD OR WALL MOUNTED)	1-16/2 STRANDED TO INTRUSION DETECTION SYSTEM CONTROLLER			

STANDARD INTRUSION DETECTION DEVICE MOUNTING HEIGHTS:



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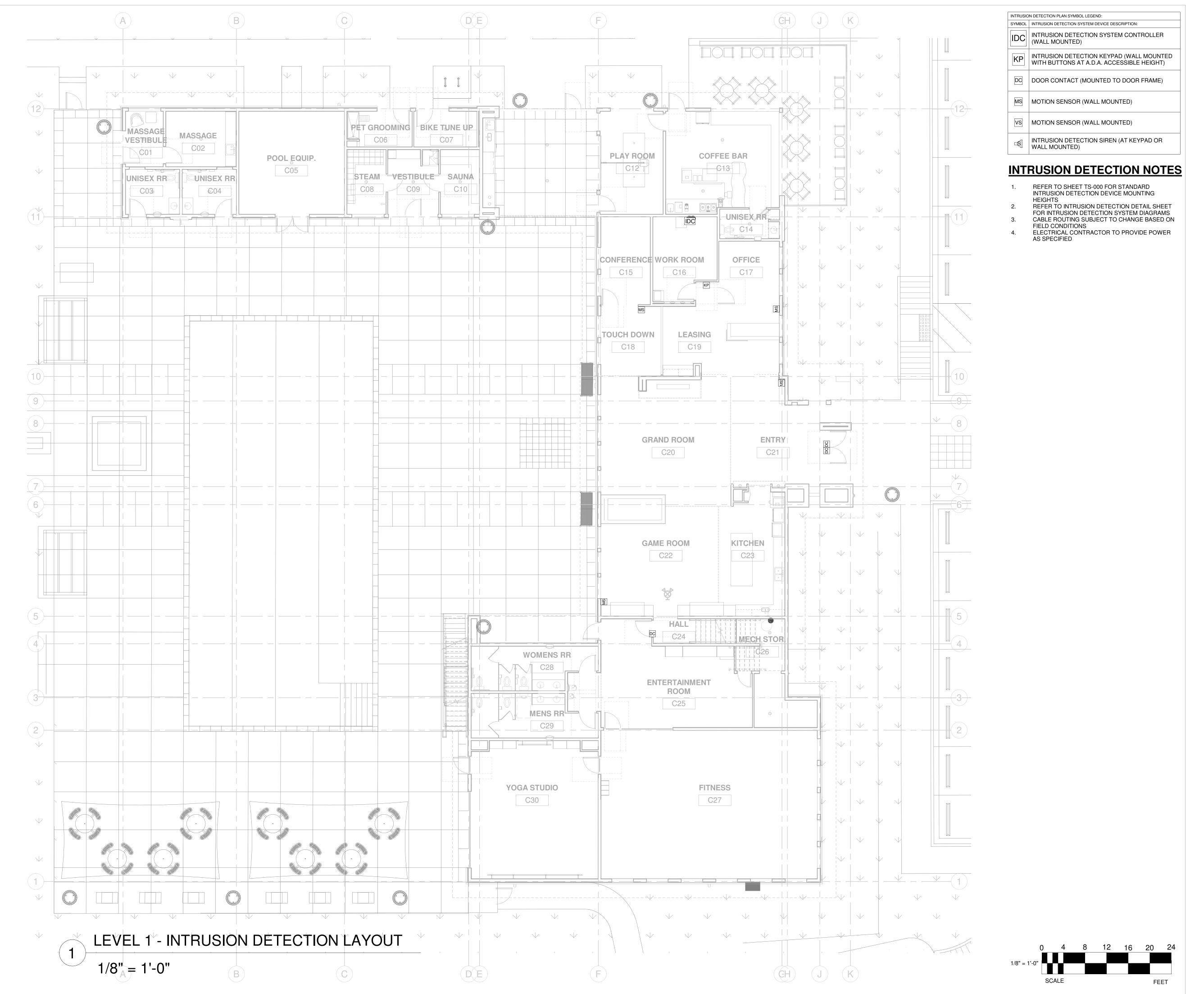
DENVER | CO
P: 720-930-7775
O: 855-255-5521
WWW.EVERBASECONSULTING.COM

PROJECT INFORMATION

SUNDAR CLUBHOUSE DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

ORIGINAL ISSUANCE:		DATE
IFC SET		06.11.2
REVISION:	DATE:	DELTA
SYSTEM DESIGNER:		
SYSTEM REVIEWER:		
		Checke
ECS JOB NUMBER:		EC-1023
SHEET INFORMATION		
SHEET TITLE:		

TS-000



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PROJECT INFORMATION

SUNDAR CLUBHOUSE
DILLON ROAD & SOUTH 122TH STREET
LAFAYETTE, COLORADO

REVISION: DATE: DELTA:

REVISION: DATE: DELTA:

SYSTEM DESIGNER:

SYSTEM REVIEWER:

Checker

ECS JOB NUMBER:

EC-1023

SHEET INFORMATION

SHEET TITLE:

LEVEL 1 - INTRUSION

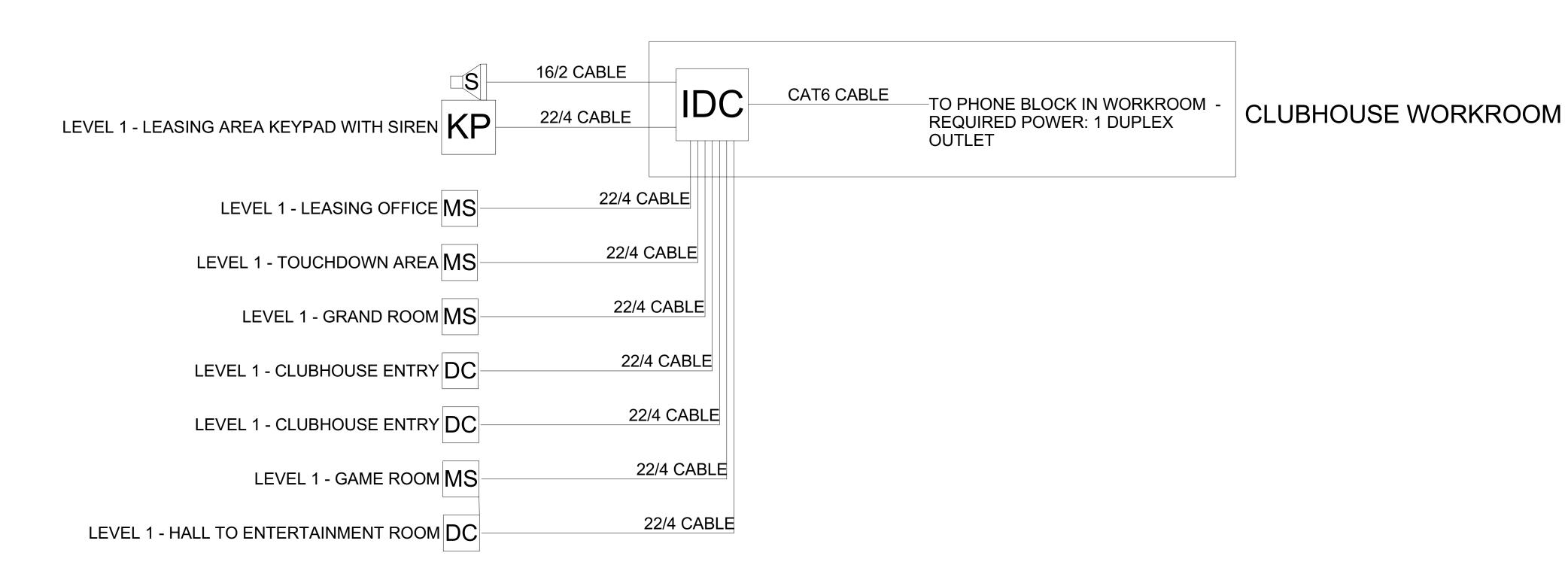
DETECTION SYSTEM

LAYOUT

SHEET NUMBER:

ORIGINAL ISSUANCE:

TS-101



INTRUTION DETECTION SYSTEM ONE-LINE DIAGRAM
NTS

INTRUSION DETECTION PLAN SYMBOL LEGEND:

SYMBOL INTRUSION DETECTION SYSTEM DEVICE DESCRIPTION:

INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED)

INTRUSION DETECTION KEYPAD (WALL MOUNTED WITH BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)

DC DOOR CONTACT (MOUNTED TO DOOR FRAME)

MS MOTION SENSOR (WALL MOUNTED)

VS MOTION SENSOR (WALL MOUNTED)

INTRUSION DETECTION SIREN (AT KEYPAD OR WALL MOUNTED)

CABLE LEGEND

LINE TYPE DESCRIPTION

CAT6—CAT6

CAT6

CAT6

CAT6

CAT6 CABLE FOR INTRUSION DETECTION DEVICE INTERCONNECT & NETWORK DEVICE INTERCONNECT

1-16/2 STRANDED TO INTRUSION DETECTION

22/4 — 22/4 STRANDED TO INTRUSION DETECTION

22/4 — 22/4 INTRUSION DETECTION SYSTEM CONTROLLER

INTRUSION DETECTION NOTES

- REFER TO SHEET TS-000 FOR STANDARD
 INTRUSION DETECTION DEVICE MOUNTING
 HEIGHTS
- 2. REFER TO INTRUSION DETECTION DETAIL SHEET FOR INTRUSION DETECTION SYSTEM DIAGRAMS
 3. CABLE ROUTING SUBJECT TO CHANGE BASED ON
- FIELD CONDITIONS

 4. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED

PROJECT ARCHITECT

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ME)

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EVE
CONSULT

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PROJECT INFORMATION

SUNDAR CLUBHOUSE
DILLON ROAD & SOUTH 122TH STREET
LAFAYETTE, COLORADO

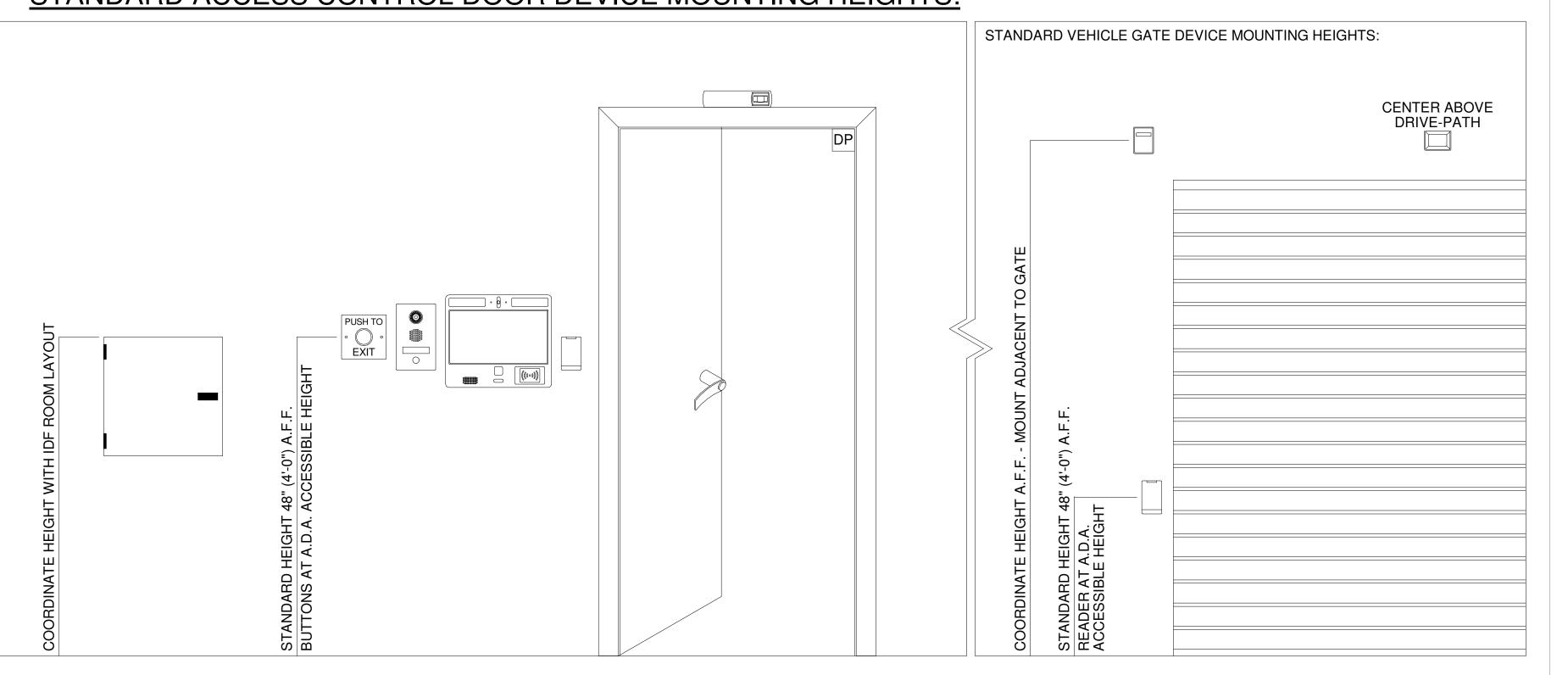
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IFC SET		06.11.202
REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
SYSTEM REVIEWER:		
ECS JOB NUMBER:		Checker
LOG GOD NOMBER.		EC-1023
SHEET INFORMATION		
SHEET TITLE:		
INTRUSION SYSTEM		

TS-600

ACCESS CONTROL SYSTEM DRAWING INDEX				
Sheet Number	Sheet Description	Issuance Title	Issue Date	
Technology S	et - Access Control System	-		
TR-000	ACCESS CONTROL SYSTEM COVER SHEET	IFC SET	06.11.2021	
TR-101	LEVEL 1 - ACCESS CONTROL SYSTEM LAYOUT	IFC SET	06.11.2021	
TR-102	MEZZANINE - ACCESS CONTROL SYSTEM LAYOUT	IFC SET	06.11.2021	
TR-500	ACCESS CONTROL SYSTEM DOOR & LOCK SCHEDULE	IFC SET	06.11.2021	
TR-501	ACCESS CONTROL SYSTEM DOOR DETAILS	IFC SET	06.11.2021	
TR-600	ACCESS CONTROL SYSTEM ONE-LINE DIAGRAM	IFC SET	06.11.2021	

ACCESS (CONTROL PLAN SYMBO	L LEGEND:	
SYMBOL	ELEVATION	ACCESS CONTROL SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
AP#		ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET	1-CAT6 RACK TO NETWORK SWITCH IN ASSOCIATED IDF ROOM, 1-2 CONDUCTOR STRANDED CABLE TO FIRE ALARM RELAY
DP	RECESSED IN FRAME	DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME)	1-22/2 STRANDED TO ASSOCIATED ACCESS CONTROL PANEL
EB	PUSH TO EXIT	REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT)	1-18/4 STRANDED TO LOCK POWER
IC		INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)	TYPICAL: 1-CAT6, 1-16/2, 2-16/4 TO RECEPTION LOCATION (CONFIRM WITH PRODUCT LITERATURE)
PS	SIZING AS NEEDED	DOOR HARDWARE POWER SUPPLY - COORDINATE REQUIRED POWER & MOUNTING WITH ELECTRICAL CONTRACTOR (MUST BE ACCESSIBLE FOR MAINTENANCE)	COORDINATE REQUIRED CABLING WITH DOOR HARDWARE VENDOR & ELECTRICAL CONTRACTOR
REX		REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR)	1-22/4 STRANDED TO ASSOCIATED ACCESS CONTROL PANEL
RF		RADIO FREQUENCY (RF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH)	1-22/8 STRANDED TO ASSOCIATED ACCESS CONTROL PANEL/GATE OPERATOR
TE		DIGITAL TELE-ENTRY (WALL MOUNTED WITH CALL BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)	TYPICAL: 1-CAT6, 1-16/2, 2-16/4 TO RECEPTION LOCATION (CONFIRM WITH PRODUCT LITERATURE)
UHF		ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH)	1-22/8 STRANDED TO ASSOCIATED ACCESS CONTROL PANEL/GATE OPERATOR
CR-1-01		CREDENTIAL READER (WALL MOUNTED) — CR-LEVEL-READER NUMBER — ACCESS CONTROL PANEL NUMBER — READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA) — ARCHITECTURAL DOOR NUMBER — DOOR HARDWARE GROUP NUMBER	ACCESS CONTROL COMPOSITE CABLE (18/4,22/4,22/2,22/3PR) SHIELDED
J	SIZING AS NEEDED	ACCESS CONTROL SYSTEM J-BOX	SINGLE-GANG BOX FOR ACCESS TO ACCESS CONTROL DEVICE FROM CONDUIT

STANDARD ACCESS CONTROL DOOR DEVICE MOUNTING HEIGHTS:



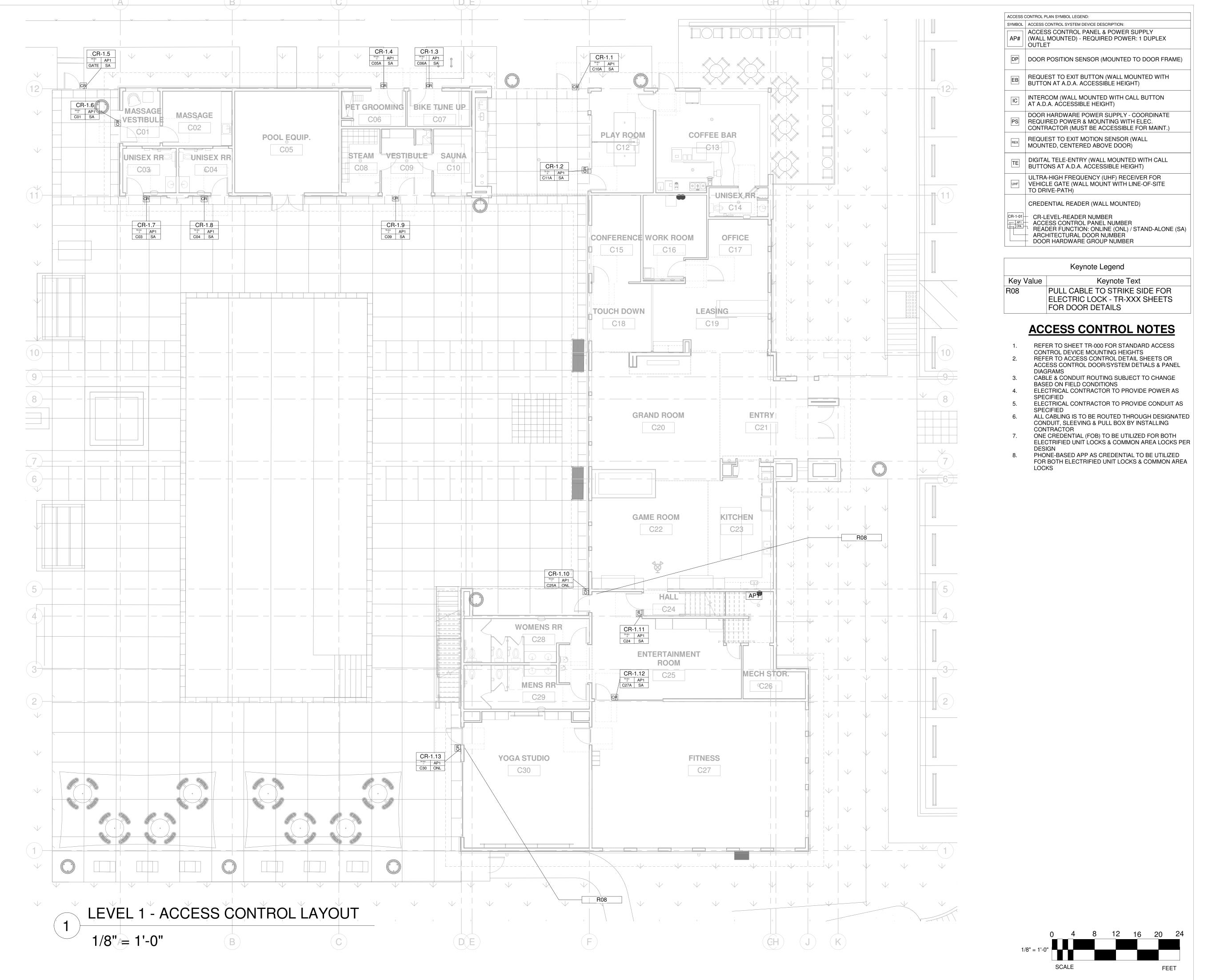
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SUNDAR CLUBHOUSE DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

ORIGINAL ISSUANCE:		DATE:
IFC SET		06.11.20
REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
SYSTEM REVIEWER:		01 1
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		EC-1023
SHEET INFORMATION		
SHEET TITLE:		
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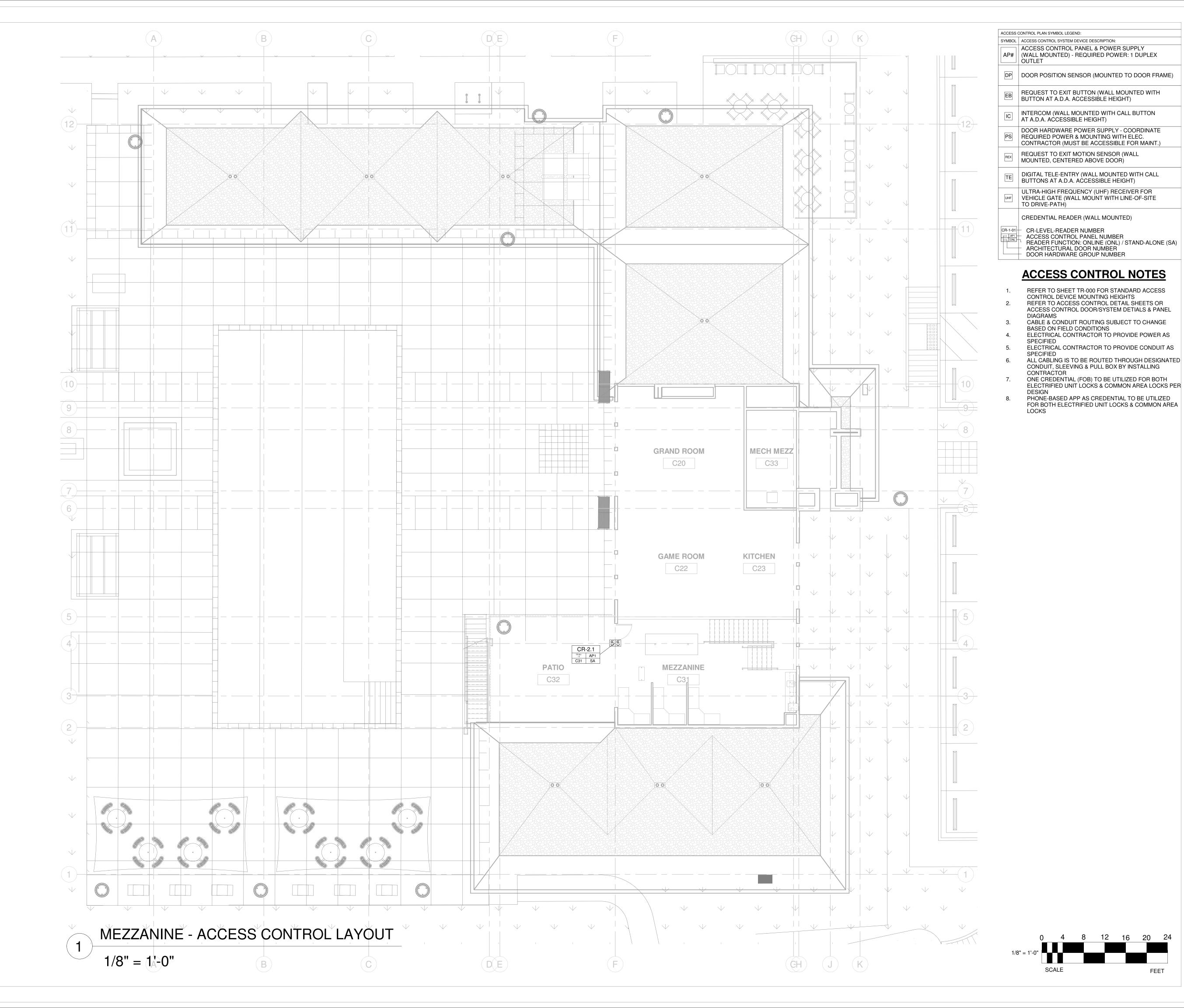
122TH ORAD

ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: ECS JOB NUMBER:

LEVEL 1 - ACCESS CONTROL SYSTEM LAYOUT

SHEET INFORMATION

TR-101



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PROJECT INFORMATION

ORIGINAL ISSUANCE: IFC SET DATE: EC-1023 SHEET INFORMATION

MEZZANINE - ACCESS CONTROL SYSTEM LAYOUT

ACCESS CONTROL DOOR & LOCK SCHEDULE

LEVEL	ARCH DOOR NUMBER	DOOR DESCRIPTION	CREDENTIAL READER ID	PANEL NUMB ER	LOCKING DEVICE	LOCK FUNCTION	READER FUNCTIO N	DOOR TYPE	DOOR HARDWARE DETAIL (TR SHEET# - DETAIL #)	NOTES
LEVEL 1	C10A	OUTDOOR KITCHEN GATE	CR-1.1	AP1	STAND-ALONE BATTERY OPERATED LEVER WITH EXIT DEVICE	FAIL SECURE	SA	SINGLE GATE	TR-501 - 3	
LEVEL 1	C11A	PLAY ROOM	CR-1.2	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 2	
LEVEL 1	C06A	BIKE TUNE-UP	CR-1.3	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 2	
LEVEL 1	C05A	PET GROOMING	CR-1.4	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 2	
LEVEL 1	GATE	POOL GATE	CR-1.5	AP1	STAND-ALONE BATTERY OPERATED LEVER WITH EXIT DEVICE	FAIL SECURE	SA	SINGLE GATE	TR-501 - 3	
LEVEL 1	C01	SAUNA VESTIBULE	CR-1.6	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 2	
LEVEL 1	C03	SAUNA VESTIBULE	CR-1.7	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 2	
LEVEL 1	C04	SAUNA VESTIBULE	CR-1.8	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 2	
LEVEL 1	C09	SAUNA VESTIBULE	CR-1.9	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 2	
LEVEL 1	C25A	ENTERTAINMENT ROOM FROM POOL DECK	CR-1.10	AP1	ELECTRIC STRIKE WITH EXIT DEVICE	FAIL SECURE	ONL	SINGLE	TR-501 - 1	CREDENTIAL UPDATE READER
LEVEL 1	C24	CLUBHOUSE HALL FROM ENTERTAINMENT ROOM	CR-1.11	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 2	
LEVEL 1	C27A	FITNESS FROM ENTERTAINMENT ROOM	CR-1.12	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 2	
LEVEL 1	C30	YOGA STUDIO FROM POOL DECK	CR-1.13	AP1	ELECTRIC STRIKE WITH EXIT DEVICE	FAIL SECURE	ONL	SINGLE	TR-501 - 1	CREDENTIAL UPDATE READER
MEZZANINE	C31	MEZZANINE TO/FROM PATIO	CR-2.1	AP1	STAND-ALONE BATTERY OPERATED LEVER SET	FAIL SECURE	SA	SINGLE	TR-501 - 4	READ-IN/READ-OUT LOCATION

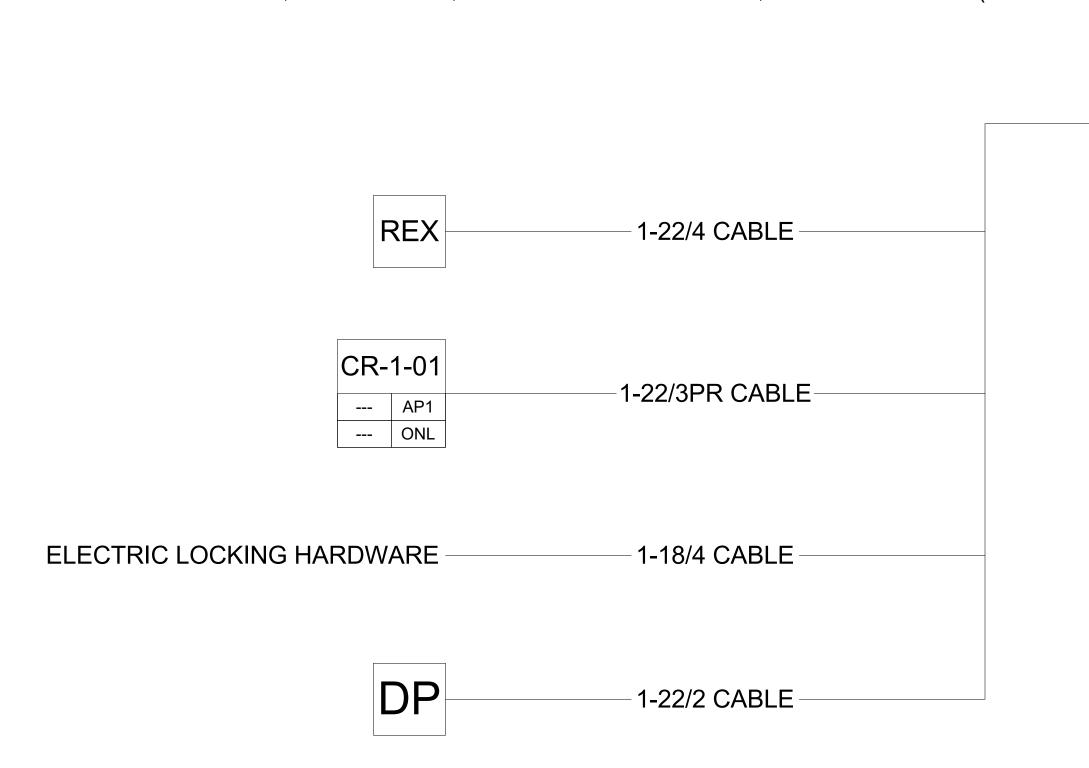
- R.A. COMPOSITE -

TECHNOLOGY CONTRACTOR PROVIDES:

CREDENTIALS, CREDENTIAL READER, DOOR POSITION SENSOR, REQUEST TO EXIT SENSOR, ACCESS CONTROL PANEL, NETWORK SWITCH

DOOR HARDWARE CONTRACTOR PROVIDES:

ELECTRONIC LOCK, EXIT DEVICE, LEVER TRIM/LEVER SET, POWER SUPPLY (IF APPLICABLE PER CONDITION)



ACCESS CONTROL SYSTEM CONNECTIVITY DIAGRAM NTS

ACCESS CONTROL PLAN SYMBOL LEGEND: SYMBOL | ACCESS CONTROL SYSTEM DEVICE DESCRIPTION: ACCESS CONTROL PANEL & POWER SUPPLY AP# | (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX DP DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME) REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT) INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DOOR HARDWARE POWER SUPPLY - COORDINATE REQUIRED POWER & MOUNTING WITH ELEC. CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.) REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR) DIGITAL TELE-ENTRY (WALL MOUNTED WITH CALL BUTTONS AT A.D.A. ACCESSIBLE HEIGHT) ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH) CREDENTIAL READER (WALL MOUNTED) CR-1-01 CR-LEVEL-READER NUMBER ACCESS CONTROL PANEL NUMBER READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA)

ACCESS CONTROL NOTES

REFER TO SHEET TR-000 FOR STANDARD ACCESS

ARCHITECTURAL DOOR NUMBER DOOR HARDWARE GROUP NUMBER

- REFER TO ACCESS CONTROL DETAIL SHEETS OR
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS

- CONDUIT, SLEEVING & PULL BOX BY INSTALLING
- FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA

- CONTROL DEVICE MOUNTING HEIGHTS
- ACCESS CONTROL DOOR/SYSTEM DETIALS & PANEL
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED
- ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS PER
- PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED

NS

2 CONDUCTOR STRANDED CABLE

TO FIRE ALARM RELAY

1-CAT6 CABLE

AP#

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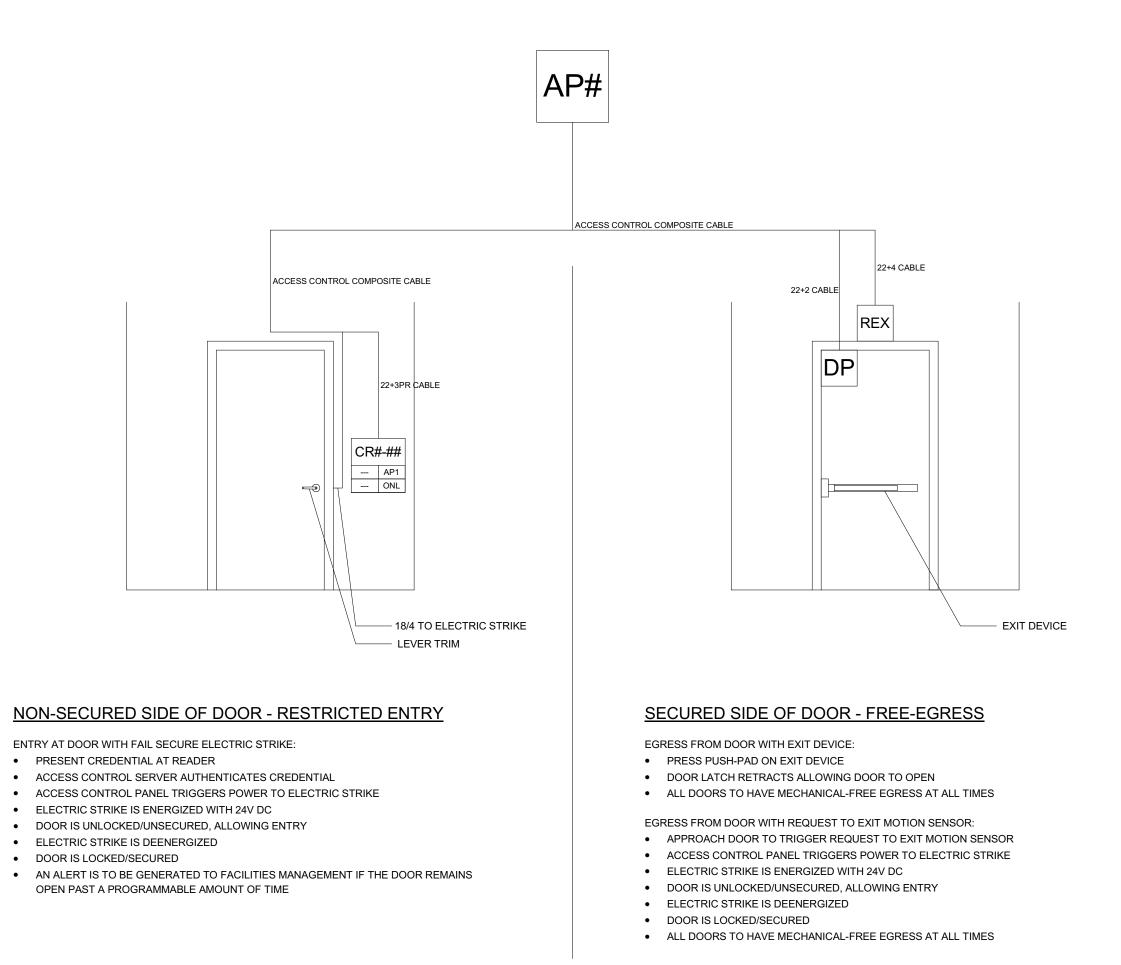
WWW.EVERBASECONSULTING.COM

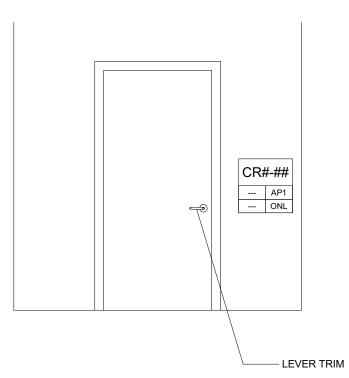
REVISION:	DATE:	06.11.20 DELTA:
REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
		Designer
SYSTEM REVIEWER:		
ECS JOB NUMBER:		Checker

TR-500

ACCESS CONTROL SYSTEM DOOR & LOCK SCHEDULE

SHEET INFORMATION SHEET TITLE:





NON-SECURED SIDE OF DOOR - RESTRICTED ENTRY

ENTRY AT DOOR WITH FAIL SECURE BATTERY OPERATED ELECTRIFIED LEVER SET: PRESENT CREDENTIAL AT READER

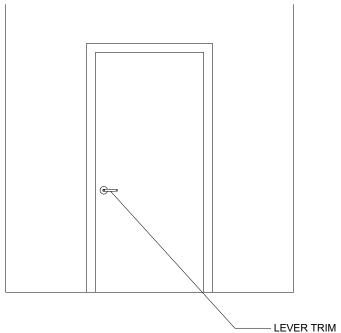
READER AUTHENTICATES DATA ON CREDENTIAL

ELECTRIFIED LEVER SET IS ENERGIZED, LEVER SET ENGAGES LATCH

 DOOR IS UNLOCKED/UNSECURED, ALLOWING ENTRY ELECTRIFIED LEVER SET IS DEENERGIZED WITH 24V DC, LEVER SET DISENGAGES LATCH

DOOR IS LOCKED/SECURED

DATA ON CARD IS UPDATED AT ONLINE READERS AT CLUBHOUSE

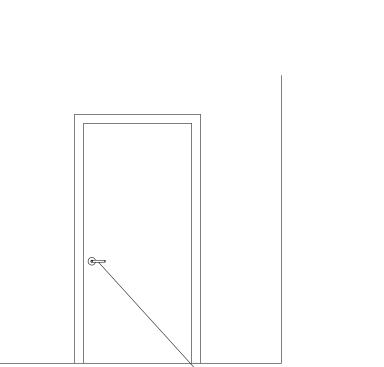


SECURED SIDE OF DOOR - FREE-EGRESS

EGRESS FROM DOOR WITH EXIT DEVICE:

 PRESS PUSH-PAD ON EXIT DEVICE EXIT DEVICE RETRACTS VERTICAL RODS, ALLOWING DOOR TO OPEN

ALL DOORS TO HAVE MECHANICAL-FREE EGRESS AT ALL TIMES



REFER TO ACCESS CONTROL DETAIL SHEETS OR ACCESS CONTROL DOOR/SYSTEM DETIALS & PANEL

BASED ON FIELD CONDITIONS

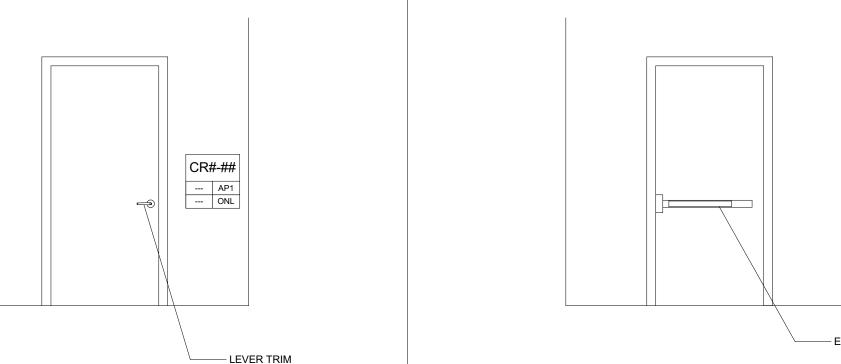
ELECTRICAL CONTRACTOR TO PROVIDE POWER AS

SPECIFIED ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED

CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR

PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA

ELECTRIC STRIKE WITH EXIT DEVICE

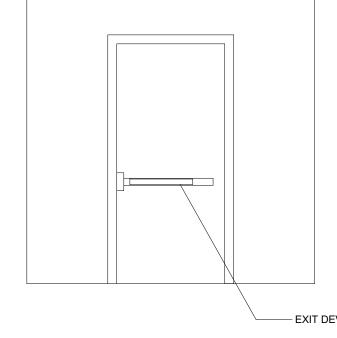


NON-SECURED SIDE OF DOOR - RESTRICTED ENTRY

ENTRY AT DOOR WITH FAIL SECURE BATTERY OPERATED ELECTRIFIED LEVER SET:

- PRESENT CREDENTIAL AT READER
- READER AUTHENTICATES DATA ON CREDENTIAL ELECTRIFIED LEVER SET IS ENERGIZED, LEVER SET ENGAGES LATCH
- DOOR IS UNLOCKED/UNSECURED, ALLOWING ENTRY ELECTRIFIED LEVER SET IS DEENERGIZED WITH 24V DC, LEVER SET DISENGAGES LATCH
- DOOR IS LOCKED/SECURED
- DATA ON CARD UPDATE:

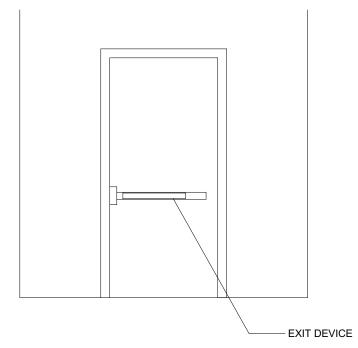
DATA ON CARD IS UPDATED AT ONLINE READERS AT CLUBHOUSE



SECURED SIDE OF DOOR - FREE-EGRESS

- PRESS PUSH-PAD ON EXIT DEVICE
- EXIT DEVICE RETRACTS VERTICAL RODS, ALLOWING DOOR TO OPEN
- ALL DOORS TO HAVE MECHANICAL-FREE EGRESS AT ALL TIMES

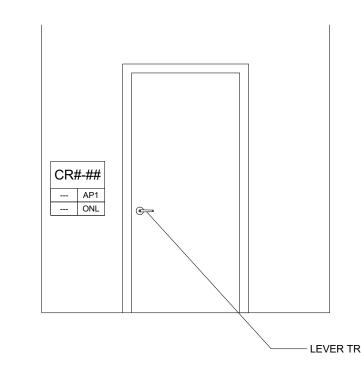
STAND-ALONE BATTERY OPERATED ELECTRIFIED LEVER WITH EXIT DEVICE



EGRESS FROM DOOR WITH EXIT DEVICE:

DOOR IS LOCKED/SECURED

DATA ON CARD IS UPDATED AT ONLINE READERS AT CLUBHOUSE



NON-SECURED SIDE OF DOOR - RESTRICTED ENTRY

LEVER TRIM

ENTRY AT DOOR WITH FAIL SECURE BATTERY OPERATED ELECTRIFIED LEVER SET:

- PRESENT CREDENTIAL AT READER READER AUTHENTICATES DATA ON CREDENTIAL
- ELECTRIFIED LEVER SET IS ENERGIZED, LEVER SET ENGAGES LATCH
- DOOR IS UNLOCKED/UNSECURED, ALLOWING ENTRY ELECTRIFIED LEVER SET IS DEENERGIZED WITH 24V DC, LEVER SET DISENGAGES LATCH

DATA ON CARD UPDATE:

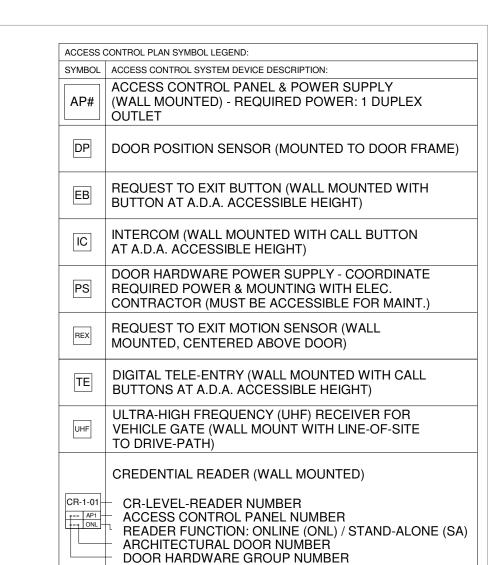
SECURED SIDE OF DOOR - RESTRICTED EGRESS

- EGRESS FROM DOOR WITH FAIL SECURE BATTERY OPERATED ELECTRIFIED LEVER SET: PRESENT CREDENTIAL AT READER
- READER AUTHENTICATES DATA ON CREDENTIAL ELECTRIFIED LEVER SET IS ENERGIZED, LEVER SET ENGAGES LATCH
- DOOR IS UNLOCKED/UNSECURED, ALLOWING ENTRY
- ELECTRIFIED LEVER SET IS DEENERGIZED WITH 24V DC, LEVER SET DISENGAGES LATCH
- DOOR IS LOCKED/SECURED

DATA ON CARD UPDATE: DATA ON CARD IS UPDATED AT ONLINE READERS AT CLUBHOUSE

STAND-ALONE BATTERY OPERATED ELECTRIFIED LEVER SET -READ-IN/READ-OUT

STAND-ALONE BATTERY OPERATED ELECTRIFIED LEVER SET



ACCESS CONTROL NOTES

REFER TO SHEET TR-000 FOR STANDARD ACCESS

CONTROL DEVICE MOUNTING HEIGHTS

CABLE & CONDUIT ROUTING SUBJECT TO CHANGE

ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS

ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS PER

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DENVER | CO

P: 720-930-7775 O: 855-255-5521

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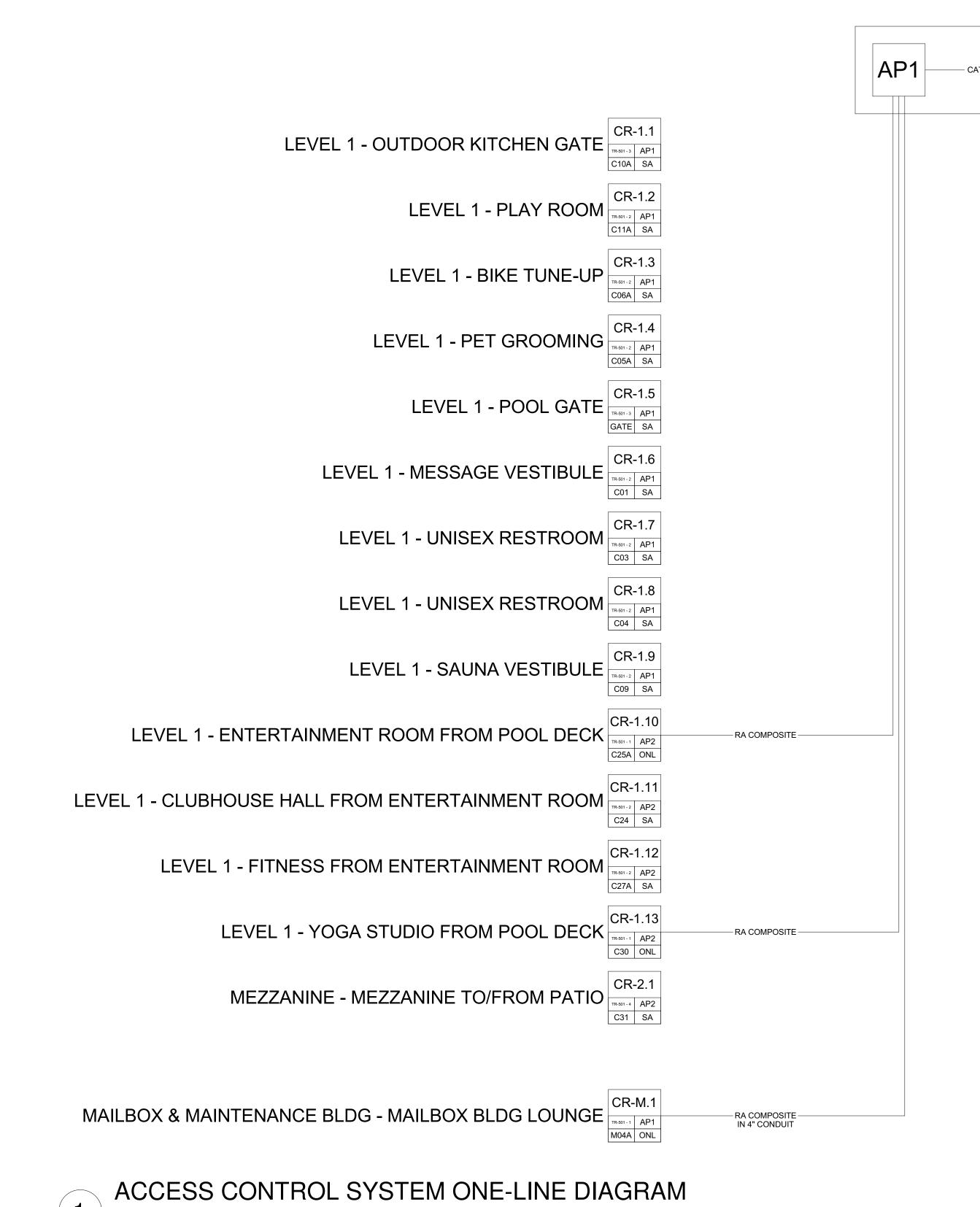
ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: Checker ECS JOB NUMBER:

> ACCESS CONTROL SYSTEM DOOR DETAILS

SHEET INFORMATION

SHEET TITLE:

SHEET NUMBER:



ACCESS CONTROL PLAN SYMBOL LEGEND: SYMBOL | ACCESS CONTROL SYSTEM DEVICE DESCRIPTION: ACCESS CONTROL PANEL & POWER SUPPLY AP# | (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX DP DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME) REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT) INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DOOR HARDWARE POWER SUPPLY - COORDINATE REQUIRED POWER & MOUNTING WITH ELEC. CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.) REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR) DIGITAL TELE-ENTRY (WALL MOUNTED WITH CALL BUTTONS AT A.D.A. ACCESSIBLE HEIGHT) ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH) CREDENTIAL READER (WALL MOUNTED) CR-1-01

← CR-LEVEL-READER NUMBER ACCESS CONTROL PANEL NUMBER
READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA) ARCHITECTURAL DOOR NUMBER DOOR HARDWARE GROUP NUMBER

CLUBHOUSE WORKROOM

CABLE LEGEND

LINE 7	ГҮРЕ	DESCRIPTION
CAT6——	CAT6	1-CAT6 CABLE FOR DATA/NETWORK DEVICE INTERCONNECT & NETWORK DEVICE INTERCONNECT
MMFIBER-	MMFIBER	1-MULTIMODE FIBER FOR NETWORK DEVICE INTERCONNECT - 4" DARK FIBERS TO BE INCLUDED FOR FUTURE NETWORK EXPANSION
R.A. COMP—	-R.A. COMP	1-ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
18/4 ———	18/4	1-18/4 CABLE TO ELECTRIFIED DOOR HARDWARE - PART OF ACCESS CONTROL CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/2 ———	22/2	1-22/2 CABLE TO DOOR POSITION SENSON - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/4	22/4	1-22/4 CABLE TO EXIT SENSON - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/8 ———	22/8	1-22/8 SHIELDED CABLE TO UHF RECEIVER/ELEVATOR CONTROLLER INTERFACE PANEL
22/3PR	22/3PR	1-22/3PR CABLE TO CREDENTIAL READER - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
16AWG	——16AWG	1-16 AWG STRANDED CABLE CUT 3/16" INTO PAVEMENT TO EXIT LOOP DETECTOR MODULE - TO BE PROVIDED BY GATE CONTRACTOR

ACCESS CONTROL NOTES

- REFER TO SHEET TR-000 FOR STANDARD ACCESS CONTROL DEVICE MOUNTING HEIGHTS
- REFER TO ACCESS CONTROL DETAIL SHEETS OR ACCESS CONTROL DOOR/SYSTEM DETIALS & PANEL DIAGRAMS
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS SPECIFIED
- ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH
- ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS PER

PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA

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PROJECT INFORMATION

IFC SET		06.11.202
DEVICE ON THE PROPERTY OF THE	DATE	DELTA
REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
SYSTEM REVIEWER:		
OTOTEWINE VIEWER.		Checker
ECS JOB NUMBER:		Official
		EC-1023
SHEET INFORMATION		
SHEET TITLE:		
SYSTE	SS CONTR M ONE-LI AGRAM	
SHEET NUMBER:		

ORIGINAL ISSUANCE:

SUNDAR MAILBOX & MAINT

DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

*THIS TECHNOLOGY DRAWING SET IS PENDING THE JOINT TRENCH DESIGN FROM THE SERVICE PROVIDER(S) TO COMPLETE CONDUIT ROUTING ON SITE - NOT FINALIZED FOR CONSTRUCTION

Sheet			
Number	Sheet Description	Issuance Title	Issue Date
Technology S	et - General Information Sheet		
TG-000	BUILDING TECHNOLOGY PROJECT COVER SHEET	IFC SET	06.11.2021
TG-001	PROJECT SCOPE OF WORK SCHEDULE	IFC SET	06.11.2021
Technology S	et - DataComm/Network System Sheets	,	1
TD-000	DATACOMM/NETWORK SYSTEM COVER SHEET	IFC SET	06.11.2021
TD-010	SITE PLAN - DATACOMM LAYOUT	IFC SET	06.11.2021
TD-101	LEVEL 1 - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021
TD-500	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021
TD-501	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021
TD-600	NETWORK ONE-LINE DIAGRAM	IFC SET	06.11.2021
Technology S	et - CCTV Camera System Sheets		
TC-000	CCTV SYSTEM COVER SHEET	IFC SET	06.11.2021
TC-101	LEVEL 1 - CCTV SYSTEM LAYOUT	IFC SET	06.11.2021
TC-500	CCTV SYSTEM SCHEDULE & DETAIL	IFC SET	06.11.2021
Technology S	et - Audio System Sheets	·	
TA-000	AUDIO SYSTEM COVER SHEET	IFC SET	06.11.2021
TA-101	LEVEL 1 - AUDIO SYSTEM LAYOUT	IFC SET	06.11.2021
Technology S	et - Access Control System	·	
TR-000	ACCESS CONTROL SYSTEM COVER SHEET	IFC SET	06.11.2021
TR-101	LEVEL 1 - ACCESS CONTROL SYSTEM LAYOUT	IFC SET	06.11.2021
TR-500	ACCESS CONTROL SYSTEM DOOR & LOCK SCHEDULE	IFC SET	06.11.2021
TR-501	ACCESS CONTROL SYSTEM DOOR DETAILS	IFC SET	06.11.2021
TR-600	ACCESS CONTROL SYSTEM ONE-LINE DIAGRAM	IFC SET	06.11.2021

PROJECT CODE SUMMARY:

APPLICABLE CODE SERIES: 2015 INTERNATIONAL BUILDING CODE

2017 NATIONAL ELECTRIC CODE 2015 INTERNATIONAL FIRE CODE

OCCUPATION GROUP: R2 RESIDENTIAL AT LEVELS 1 THRU 3

CONSTRUCTION TYPE: TYPE VA AT RESIDENTIAL LEVELS 1 THRU 3

PRIMARY BUILDING USE: RESIDENTIAL

BUILDING FLOORS: 3 LEVELS ABOVE GRADE

UNITS PER BUILDING: 36 UNITS PER RESIDENTIAL BUILDING (9 OCCURANCES)

PROJECT UNIT TOTALS:

81 STUDIO UNITS IN PROJECT
135 1-BED UNITS IN PROJECT

135 1-BED UNITS IN PROJECT 108 2-BED UNITS IN PROJECT 324 TOTAL UNITS IN PROJECT

ABBREVIATIONS:

AC - ABOVE COUNTER-TOP AFF - ABOVE FINISH FLOOR

BDA - BI-DIRECTIONAL AMPLIFICATION

BLDG - BUILDING HDWR - HARDWARE

POE - POWER OVER ETHERNET

REX - REQUEST TO EXIT UPS - UNINTERRUPTIBLE POWER SUPPLY

WAP - WIRELESS ACCESS POINT

ANNOTATION LEGEND:

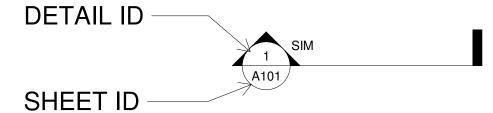
GRAPHIC SCALE

0 4 8 12 16 20 24

NORTH ARROW REFERENCE



SECTION REFERENCE



FEET

DETAIL ID

DETAIL REFERENCE

SHEET ID

DETAIL ID —

ELEVATION REFERENCE

SHEET ID

PROJECT DIRECTORY:

DEVELOPER: MILESTONE DEVELOPMENT GROUP 1400 16TH STREET DENVER, CO 80202 P: 303.298.7270

ARCHITECT: KEPHART ARCHITECTS 2555 WALNUT STREET DENVER, CO 80205 P: 303.832.4474

ELECTRICAL ENGINEER:
RG ENGINEERING CONSULTANTS INC
8811 EAST HAMPDEN AVENUE
SUITE 200
DENVER, CO 80231
P: 303.355.5534

CIVIL ENGINEER: JEHN ENGINEERING 5690 WEBSTER STREET ARVADA, CO 80002 P: (303) 423-6036

LANDSCAPE ARCHITECT: THE HENRY DESIGN GROUP 1501 WAZEE STREET SUITE 1-C DENVER, CO 80202 P: (303) 446-2368

TECHNOLOGY CONSULTANT: EVERBASE CONSULTING SOLUTIONS DENVER | CO P: 720-930-7775 O: 885-255-5521 SUNDAR MAILBOX & MAINT DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

TECHNOLOGY CONSULTANT

EVERBASE CONSULTING SOLUTIONS

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O: 855-255-5521

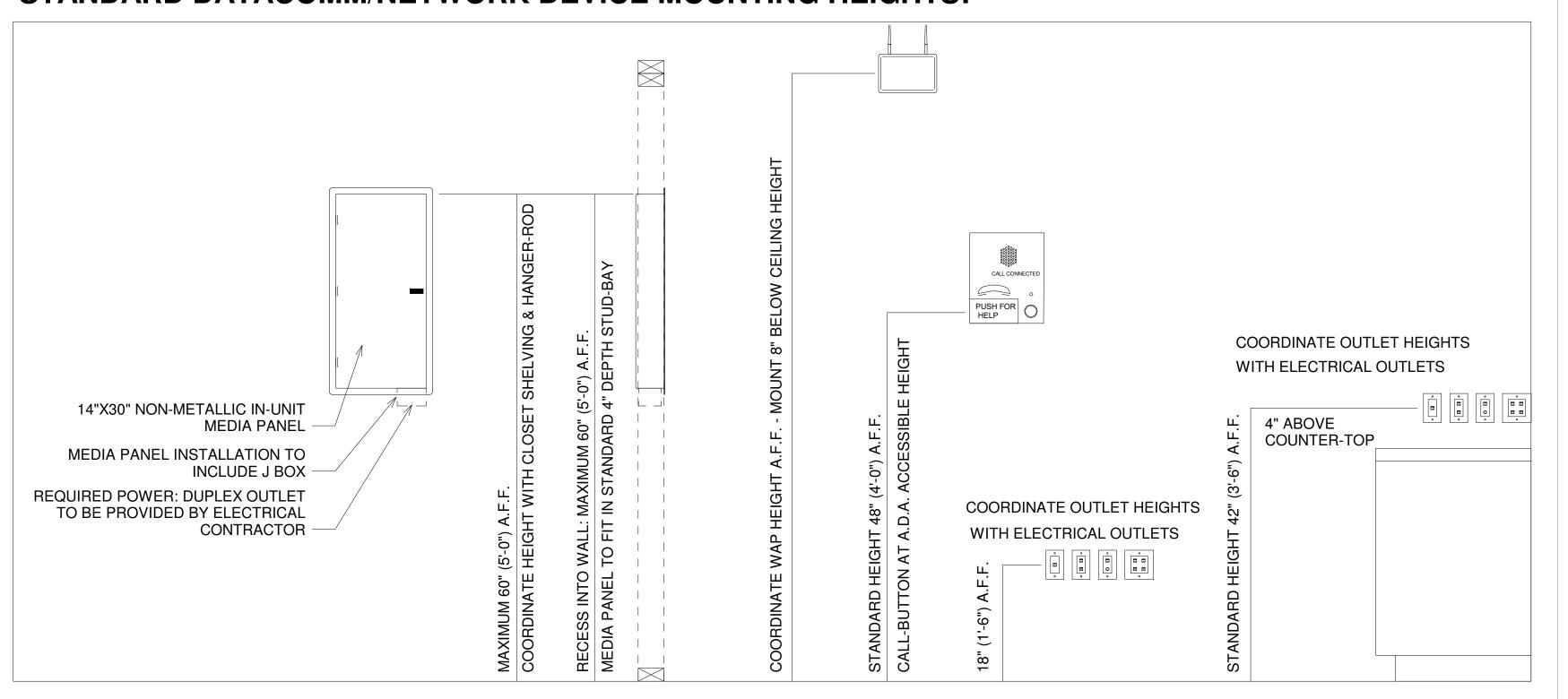
ORIGINAL ISSUANC	E:	DATE
IFC SET		06.11.20
R	EVISION	NS
REVISION	DATE	DELTA
	·	·
SYSTEM DESIGNER	 :	
SYSTEM REVIEWER	<u>.</u>	
		Checker
ECS JOB NUMBER:		3301
		EC-1023
SHEET INFORMATIO	DN	
SHEET TITLE:		

TG-000

DATA COMM/NETWORK SYSTEM DRAWING INDEX						
Sheet Number	Sheet Description	Issuance Title	Issue Date			
Technology Se	et - DataComm/Network System Sheets					
TD-000	DATACOMM/NETWORK SYSTEM COVER SHEET	IFC SET	06.11.2021			
TD-010	SITE PLAN - DATACOMM LAYOUT	IFC SET	06.11.2021			
TD-101	LEVEL 1 - DATACOMM SYSTEM LAYOUT	IFC SET	06.11.2021			
TD-500	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021			
TD-501	DATACOMM/NETWORK SYSTEM DETAILS	IFC SET	06.11.2021			
TD-600	NETWORK ONE-LINE DIAGRAM	IFC SET	06.11.2021			

	DATACON	MM/NETWORK PLAN SYMBOL LEGEND:	
SYMBOL	ELEVATION	DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
NS	°	POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK)	1-CAT6 TO PRIMARY NETWORK PATCH PANEL - REQUIRED POWER: 1 DUPLEX OUTLET (REFER TO SHEET TD-600 FOR NETWORK DETAIL)
PP	° (1994)	NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK)	CAT6 TO NETWORK SWITCH - REQUIRED POWER: 1 DUPLEX OUTLET (REFER TO SHEET TD-600 FOR NETWORK DETAIL)
FS		NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK)	1-CAT6 TO PRIMARY NETWORK PATCH PANEL - REQUIRED POWER: 1 DUPLEX OUTLET (REFER TO SHEET TD-600 FOR NETWORK DETAIL)
WAP		WIRELESS ACCESS POINT - PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS	1-CAT6 TO POE PATCH PANEL IN ASSOCIATED IDF ROOM - T-568B RJ-45 TERMINATION
E	PUSH FOR HELO	EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)	1-CAT6 TO PATCH PANEL IN ASSOCIATED IDF ROOM - T-568B RJ-45 TERMINATION
WM FM	0	DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	0	DUAL DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	2-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	0	DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)	2-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	0	QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET)	4-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM		DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET)	4-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	о О О	DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-RG6 & 1-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
WM FM	©	DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)	1-RG6 & 2-CAT6 - T-568B RJ-45 TERMINATION (T-568A IN UNITS)
	SEE BELOW	IN-UNIT NON-METALLIC MEDIA PANEL (RECESS MOUNTED IN-WALL)	SEE UNIT SHEETS FOR REQUIRED WIRING FROM UNIT TO ASSOCIATED IDF - REQUIRED POWER: 1 DUPLEX OUTLET IN BASE OF ENCLOSURE

STANDARD DATACOMM/NETWORK DEVICE MOUNTING HEIGHTS:



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06.11.20 DELTA:
DELTA:
Checker
EC-1023



BUILDING 6

36 UNITS

·

BUILDING 5

BUILDING 8

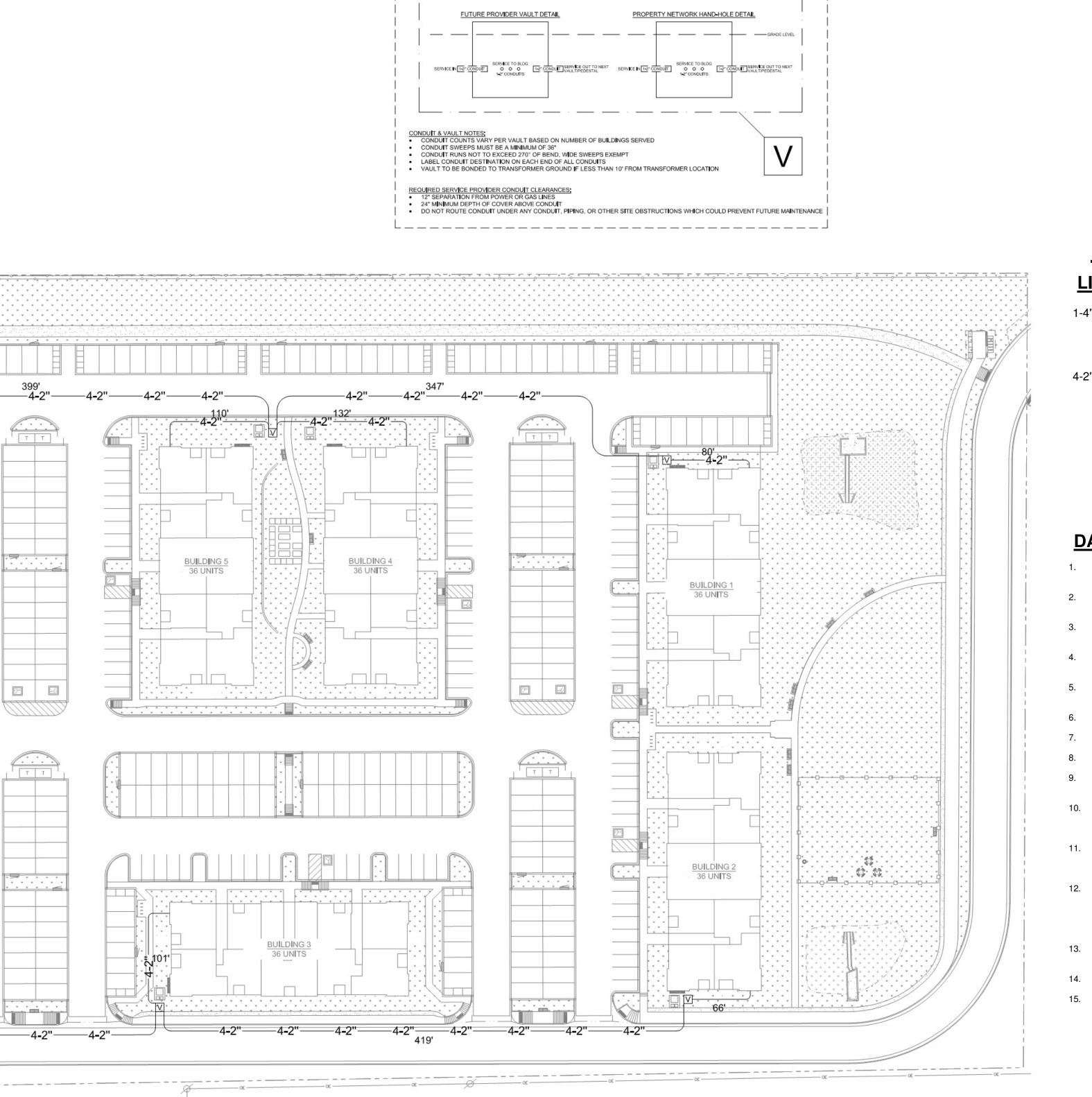
36 UNITS

SITE PLAN - DATACOMM LAYOUT N

0

CLUBHOUSE

F



VAULT SPACING DETAIL

COMCAST VAULT DETAIL

DATACOMM/NETWORK PLAN SYMBOL LEGEND SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) WIRELESS ACCESS POINT -PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS **EMERGENCY PHONE (WALL MOUNTED** WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DATA OUTLET (WALL MOUNTED / FLÒOR OUTLET) DUAL DATA OUTLET (WALL $|\vee|$ MOUNTED / FLOOR OUTLET) DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

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CONDUIT LEGEND

LINE TYPE DESCRIPTION

1-4" CEILING MOUNTED CONDUIT FOR SERVICE PROVIDER ENTRY (PROVIDER ALLOCATION DESIGNATED WITH KEYNOTE)

SERVICE & SYSTEM BACKBONE CONDUIT - CEILING MOUNTED: 1-2" WITH METERED PULL STRING FOR CENTURYLINK SERVICE

DISTRIBUTION 1-2" WITH METERED PULL STRING FOR COMCAST SERVICE DISTRIBUTION 1-2" FOR FUTURE

SERVICE DISTRIBUTION 1-2" FOR PROPERTY NETWORK CONNECTION

DATACOMM/NETWORK NOTES

REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS

REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK DEVICE LAYOUT

REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL
REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR

REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS &

DIAGRAMS CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS

ELECTRICAL CONTRACTOR TO PROVIDE POWER AS SPECIFIED

ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS ALL CABLING IS TO BE ROUTED THROUGH

DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR SERVICE PROVIDER & SYSTEMS NETWORK

BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO BE 36" MINIMUM RADIUS ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER

GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER **TERMINATIONS** UNIT TERMINATIONS MUST BE WIRED TO IDF AS

INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE PROVIDERS DESIGN WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED

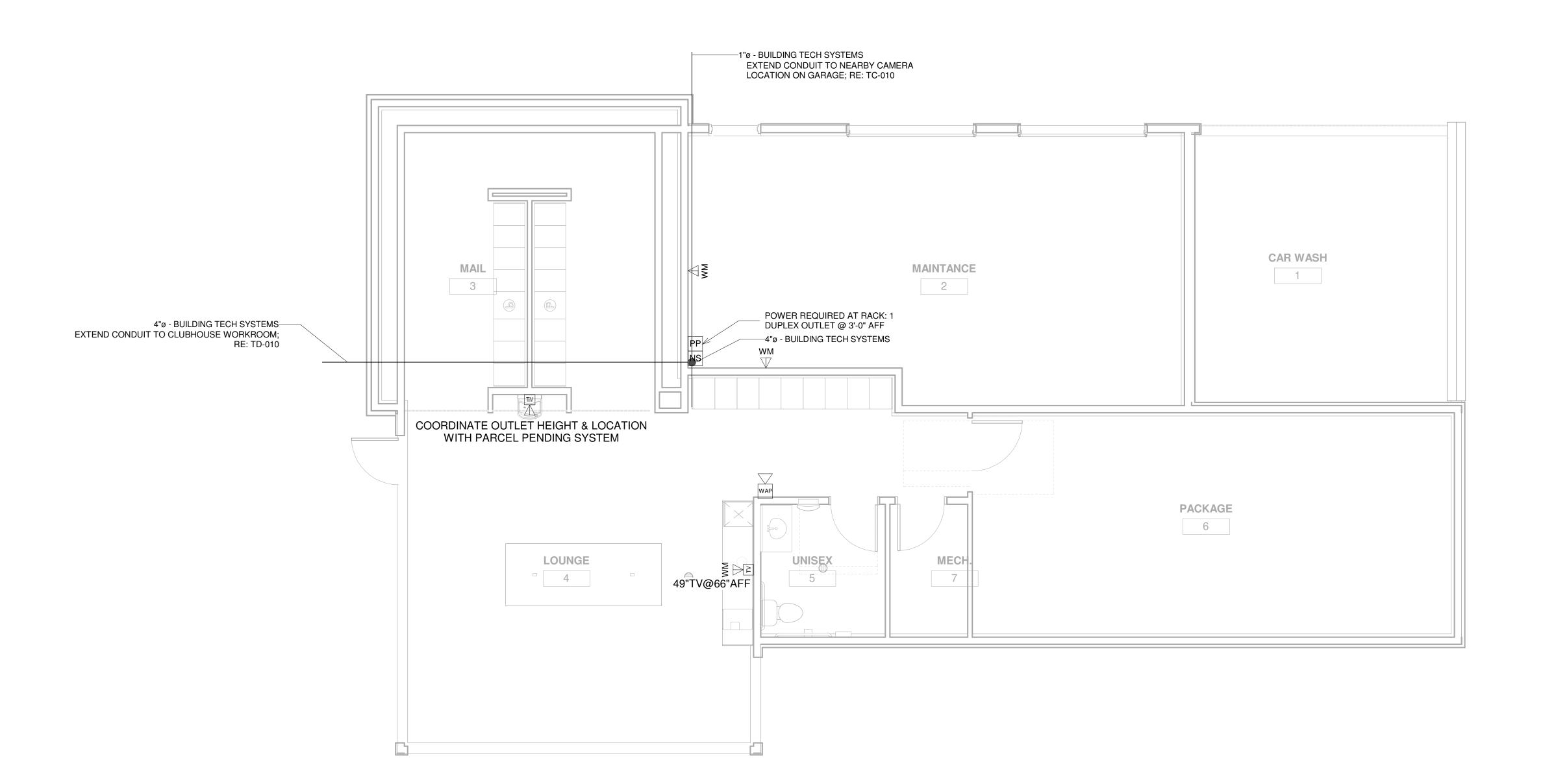
NETWORK ACCESS FOR PUBLIC & FOR SECURE STAFF-ONLY NETWORK ACCESS BLOCKING REQUIRED AT ALL COMMON AREA TV

LOCATIONS PLEASE COORDINATE ALL DATA OUTLET LOCATIONS

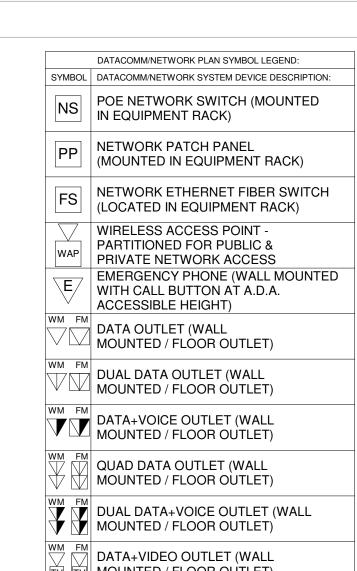
IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: Checker ECS JOB NUMBER: EC-1023 SHEET INFORMATION SHEET TITLE: SITE PLAN - DATACOMM LAYOUT

TD-010



LEVEL 1 - DATACOMM LAYOUT

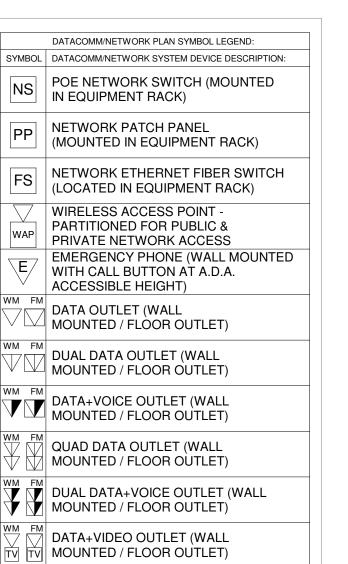


DATACOMM/NETWORK NOTES

WM FM DATA+DATA+VIDEO OUTLET (WALL MOUNTED / FLOOR OUTLET)

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK DEVICE
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL
- REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT
- DATACOMM/NETWORK DEVICE LAYOUT REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- SPECIFIED ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS
- SPECIFIED ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR
- SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO
- BE 36" MINIMUM RADIUS ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER **TERMINATIONS**
- 12. UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE
- PROVIDERS DESIGN

 13. WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE
- STAFF-ONLY NETWORK ACCESS BLOCKING REQUIRED AT ALL COMMON AREA TV LOCATIONS
- PLEASE COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.



PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

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ORIGINAL ISSUANCE: IFC SET DATE:

SYSTEM DESIGNER:

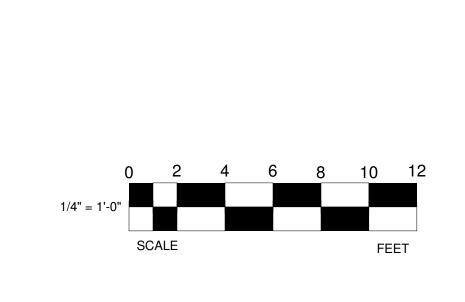
SYSTEM REVIEWER: Checker ECS JOB NUMBER: EC-1023

LEVEL 1 - DATACOMM SYSTEM LAYOUT

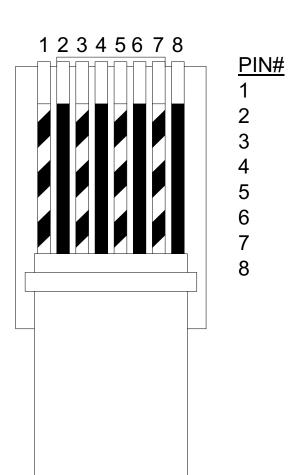
SHEET NUMBER:

SHEET INFORMATION SHEET TITLE:

TD-101

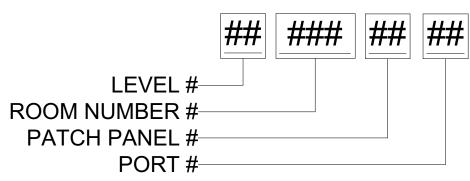


T-568B RJ-45 PINOUT (TOP VIEW)



<u>COLOR</u> WHITE ORANGE ORANGE WHITE GREEN BLUE WHITE BLUE GREEN WHITE BROWN **BROWN**

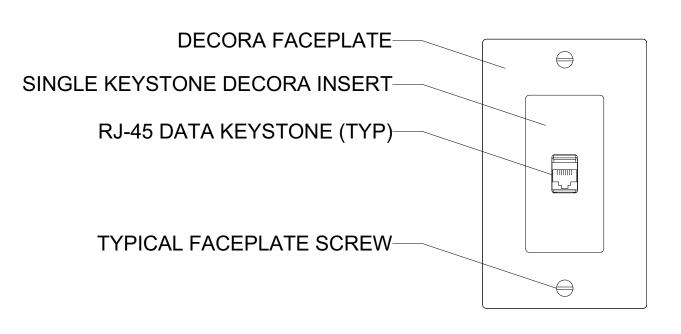
CABLE ID/LABELING GUIDE



T-568B RJ-45 TERMINATIONS TO BE USED IN COMMON AREAS

RJ-45 PINNING & LABELING DETAIL

SINGLE DATA OUTLET



OUTLET CONNECTIONS: 1 DATA CONNECTION

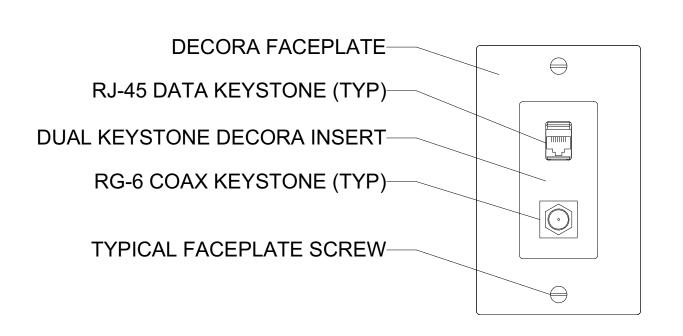
QTY DESCRIPTION **RJ-45 DATA KEYSTONE** UL LISTED CAT-6 CABLE

DATA FACEPLATE DETAILS

NTS

NTS

SINGLE DATA + VIDEO OUTLET

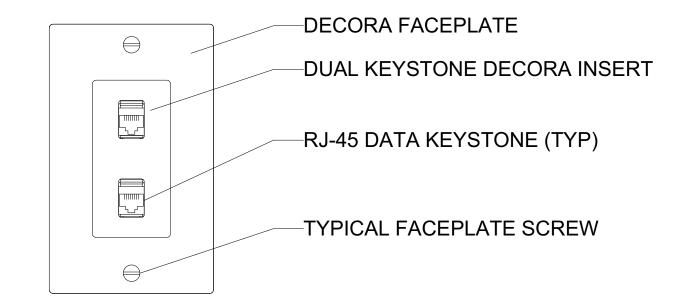


OUTLET CONNECTIONS: 1 DATA, 1 VIDEO CONNECTIONS

QTY DESCRIPTION **RJ-45 DATA KEYSTONES UL LISTED CAT-6 CABLES RG6 COAX KEYSTONE** UL LISTED COAX CABLE DATA & VIDEO FACEPLATE DETAILS

RJ-45 DATA KEYSTONES UL LISTED CAT-6 CABLES RG6 COAX KEYSTONE UL LISTED COAX CABLE

DUAL DATA OUTLET

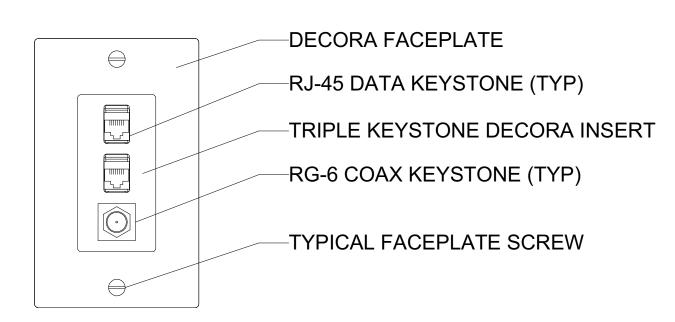


OUTLET CONNECTIONS: 2 DATA CONNECTIONS

QTY DESCRIPTION

RJ-45 DATA KEYSTONES UL LISTED CAT-6 CABLES

DUAL DATA + VIDEO OUTLET



OUTLET CONNECTIONS: 2 DATA, 1 VIDEO CONNECTIONS

QTY DESCRIPTION

DATACOMM/NETWORK PLAN SYMBOL LEGEND: SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) WIRELESS ACCESS POINT -PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA OUTLET (WALL $\bigvee |\bigvee|$ MOUNTED / FLOOR OUTLET) DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+VIDEO OUTLET (WALL TV TV MOUNTED / FLOOR OUTLET) WM FM DATA+DATA+VIDEO OUTLET (WALL TV TV MOUNTED / FLOOR OUTLET)

DATACOMM/NETWORK NOTES

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS
- REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK DEVICE
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT &
- RISER ROUTING DETAIL REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT
- DATACOMM/NETWORK DEVICE LAYOUT REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS & **DIAGRAMS**
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- **ELECTRICAL CONTRACTOR TO PROVIDE POWER AS ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS**
- SPECIFIED ALL CABLING IS TO BE ROUTED THROUGH
- DESIGNATED CONDUIT, SLEEVING & PULL BOX BY **INSALLING CONTRACTOR** SERVICE PROVIDER & SYSTEMS NETWORK
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- ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER **TERMINATIONS**
- UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE
- PROVIDERS DESIGN WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE
- STAFF-ONLY NETWORK ACCESS BLOCKING REQUIRED AT ALL COMMON AREA TV
- LOCATIONS PLEASE COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA OUTLETS IN PLAN.

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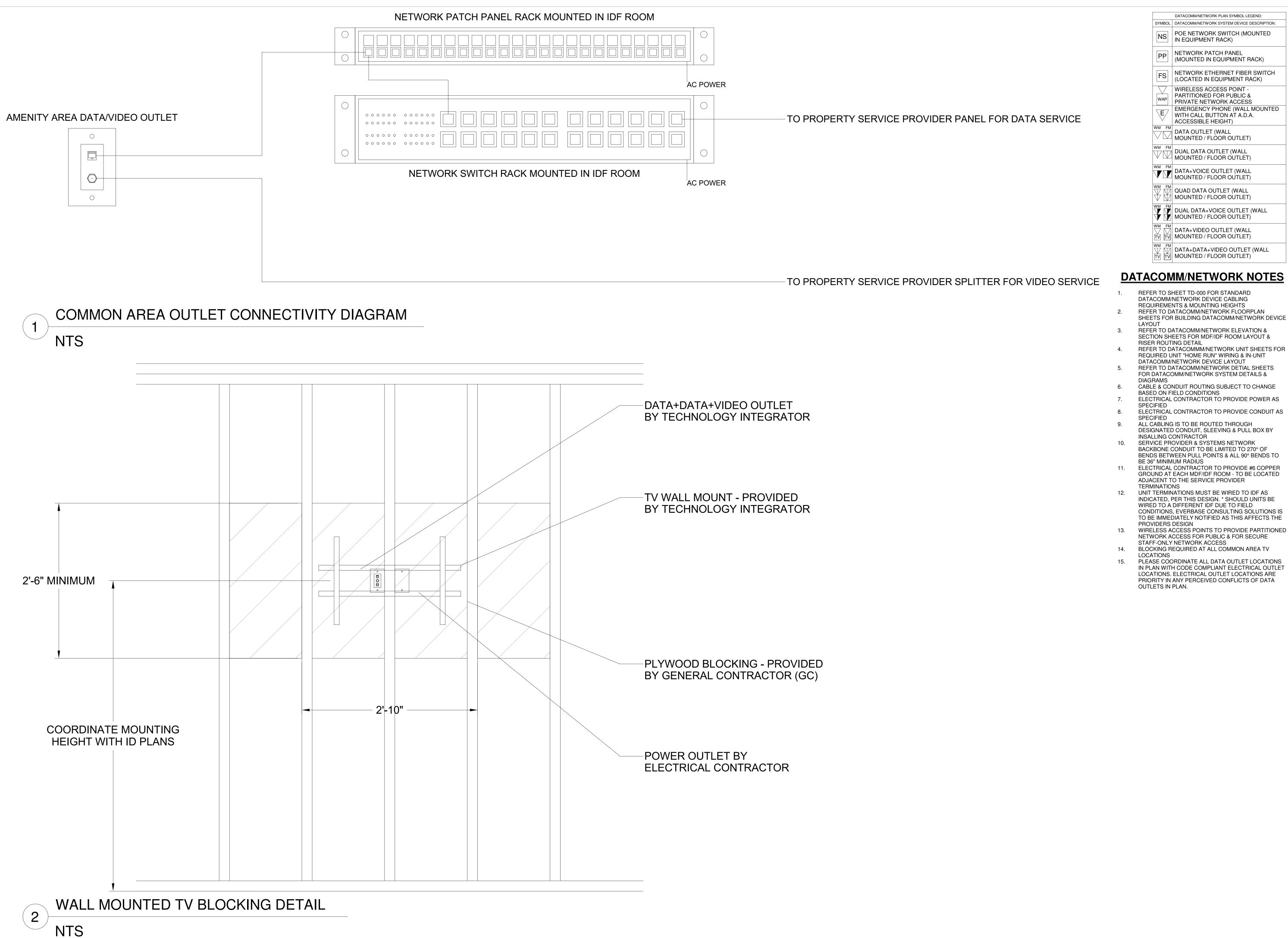
TECHNOLOGY CONSULTANT

PROJECT ARCHITECT

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ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: Checker ECS JOB NUMBER: EC-1023 SHEET INFORMATION SHEET TITLE: DATACOMM/NETWORK SYSTEM DETAILS

TD-500



DATACOMM/NETWORK PLAN SYMBOL LEGEND: SYMBOL DATACOMM/NETWORK SYSTEM DEVICE DESCRIPTION: POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) NETWORK ETHERNET FIBER SWITCH (LOCATED IN EQUIPMENT RACK) WIRELESS ACCESS POINT PARTITIONED FOR PUBLIC & PRIVATE NETWORK ACCESS EMERGENCY PHONE (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA OUTLET (WALL $\bigvee \bigsqcup$ MOUNTED / FLOOR OUTLET) DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) QUAD DATA OUTLET (WALL MOUNTED / FLOOR OUTLET) DUAL DATA+VOICE OUTLET (WALL MOUNTED / FLOOR OUTLET) DATA+VIDEO OUTLET (WALL TO MOUNTED / FLOOR OUTLET) DATA+DATA+VIDEO OUTLET (WALL

DATACOMM/NETWORK NOTES

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING REQUIREMENTS & MOUNTING HEIGHTS REFER TO DATACOMM/NETWORK FLOORPLAN
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT &
- RISER ROUTING DETAIL REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR
- DATACOMM/NETWORK DEVICE LAYOUT REFER TO DATACOMM/NETWORK DETIAL SHEETS FOR DATACOMM/NETWORK SYSTEM DETAILS &
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS
- ELECTRICAL CONTRACTOR TO PROVIDE POWER AS ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS
- SPECIFIED ALL CABLING IS TO BE ROUTED THROUGH
- DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR
- SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO BE 36" MINIMUM RADIUS
- ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED ADJACENT TO THE SERVICE PROVIDER **TERMINATIONS**
- 12. UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE PROVIDERS DESIGN
- WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED NETWORK ACCESS FOR PUBLIC & FOR SECURE STAFF-ONLY NETWORK ACCESS
- BLOCKING REQUIRED AT ALL COMMON AREA TV LOCATIONS
- PLEASE COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA

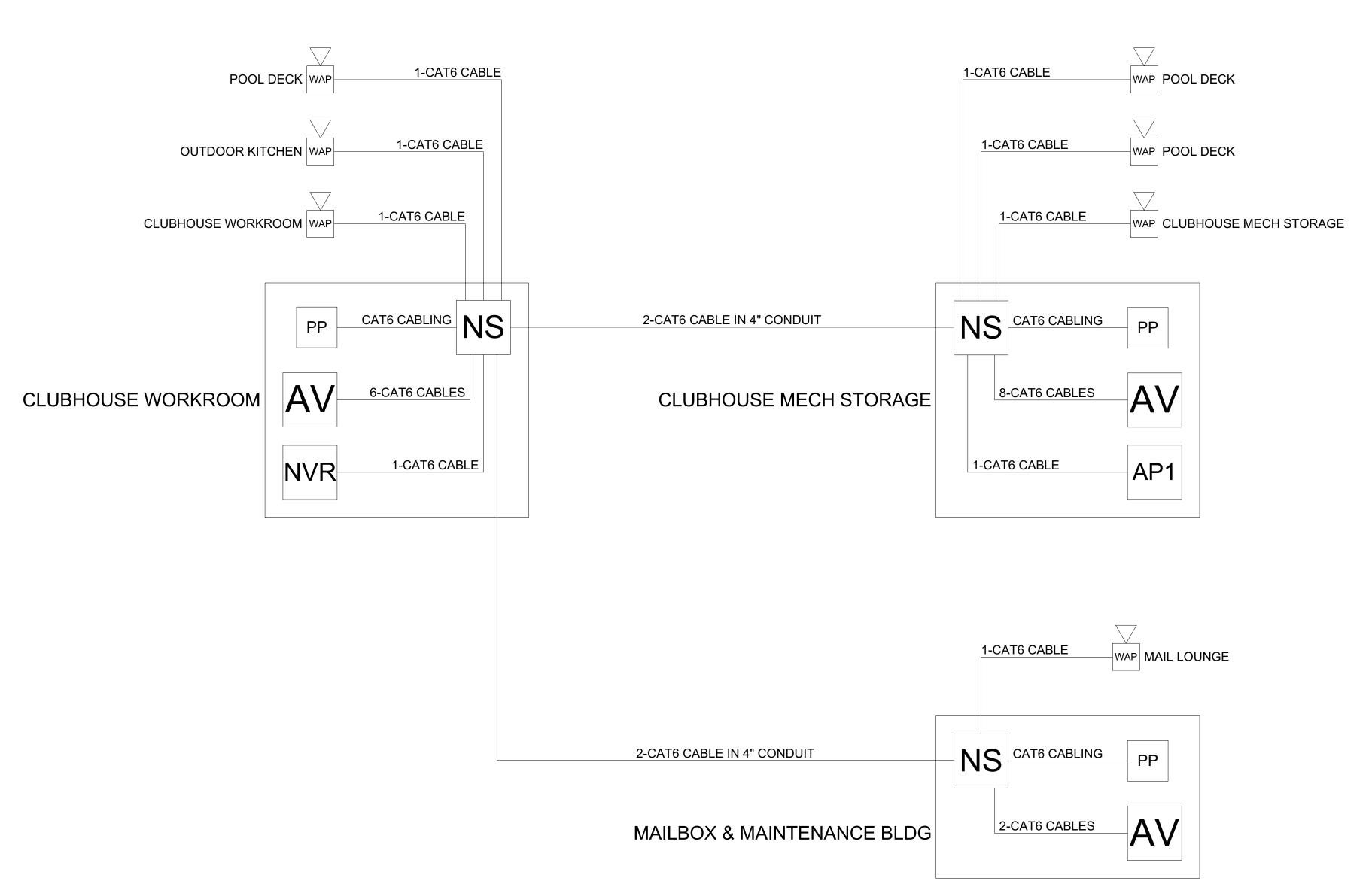
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PROJECT INFORMATION

IFC SET	
	06.11.20
REVISION: DATE	E: DELTA:
SYSTEM DESIGNER:	
	Designer
SYSTEM REVIEWER:	
	Checker
ECS JOB NUMBER:	
	EC-1023
SHEET INFORMATION	
SHEET TITLE:	

TD-501



NETWORK SYSTEM ONE-LINE DIAGRAM

DATACOMM/NETWORK SYSTEM PLAN SYMBOL LEGEND SYMBOL DESCRIPTION NS POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET PP NETWORK PATCH PANEL (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET NETWORK ETHERNET FIBER SWITCH (LOCATED IN FS | EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) NVR (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 AV EQUIPMENT RACK (SEE ZONE DESCRIPTION FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET ON DEDICATED CIRCUIT IDC | INTRUSION DETECTION SYSTEM CONTROLLER (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET ACCESS CONTROL PANEL & POWER SUPPLY (WALL AP# | MOUNTED) - COORDINATE REQUIRED POWER WITH ELECTRICAL CONTRACTOR

- REFER TO SHEET TD-000 FOR STANDARD DATACOMM/NETWORK DEVICE CABLING
- REQUIREMENTS & MOUNTING HEIGHTS REFER TO DATACOMM/NETWORK FLOORPLAN SHEETS FOR BUILDING DATACOMM/NETWORK DEVICE
- REFER TO DATACOMM/NETWORK ELEVATION & SECTION SHEETS FOR MDF/IDF ROOM LAYOUT & RISER ROUTING DETAIL
- REFER TO DATACOMMM/NETWORK UNIT SHEETS FOR REQUIRED UNIT "HOME RUN" WIRING & IN-UNIT DATACOMM/NETWORK DEVICE LAYOUT
- FOR DATACOMM/NETWORK SYSTEM DETAILS & DIAGRAMS
- BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS SPECIFIED
- DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSALLING CONTRACTOR
- BENDS BETWEEN PULL POINTS & ALL 90° BENDS TO BE 36" MINIMUM RADIUS ELECTRICAL CONTRACTOR TO PROVIDE #6 COPPER GROUND AT EACH MDF/IDF ROOM - TO BE LOCATED
- **TERMINATIONS** UNIT TERMINATIONS MUST BE WIRED TO IDF AS INDICATED, PER THIS DESIGN. * SHOULD UNITS BE WIRED TO A DIFFERENT IDF DUE TO FIELD CONDITIONS, EVERBASE CONSULTING SOLUTIONS IS
- PROVIDERS DESIGN WIRELESS ACCESS POINTS TO PROVIDE PARTITIONED
- LOCATIONS PLEASE COORDINATE ALL DATA OUTLET LOCATIONS IN PLAN WITH CODE COMPLIANT ELECTRICAL OUTLET LOCATIONS. ELECTRICAL OUTLET LOCATIONS ARE PRIORITY IN ANY PERCEIVED CONFLICTS OF DATA

DATACOMM/NETWORK NOTES

- LAYOUT
- REFER TO DATACOMM/NETWORK DETIAL SHEETS
- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- ALL CABLING IS TO BE ROUTED THROUGH
- SERVICE PROVIDER & SYSTEMS NETWORK BACKBONE CONDUIT TO BE LIMITED TO 270° OF
- ADJACENT TO THE SERVICE PROVIDER
- TO BE IMMEDIATELY NOTIFIED AS THIS AFFECTS THE
- NETWORK ACCESS FOR PUBLIC & FOR SECURE
- STAFF-ONLY NETWORK ACCESS BLOCKING REQUIRED AT ALL COMMON AREA TV
- OUTLETS IN PLAN.

PROJECT ARCHITECT TECHNOLOGY CONSULTANT **EVERBASE**

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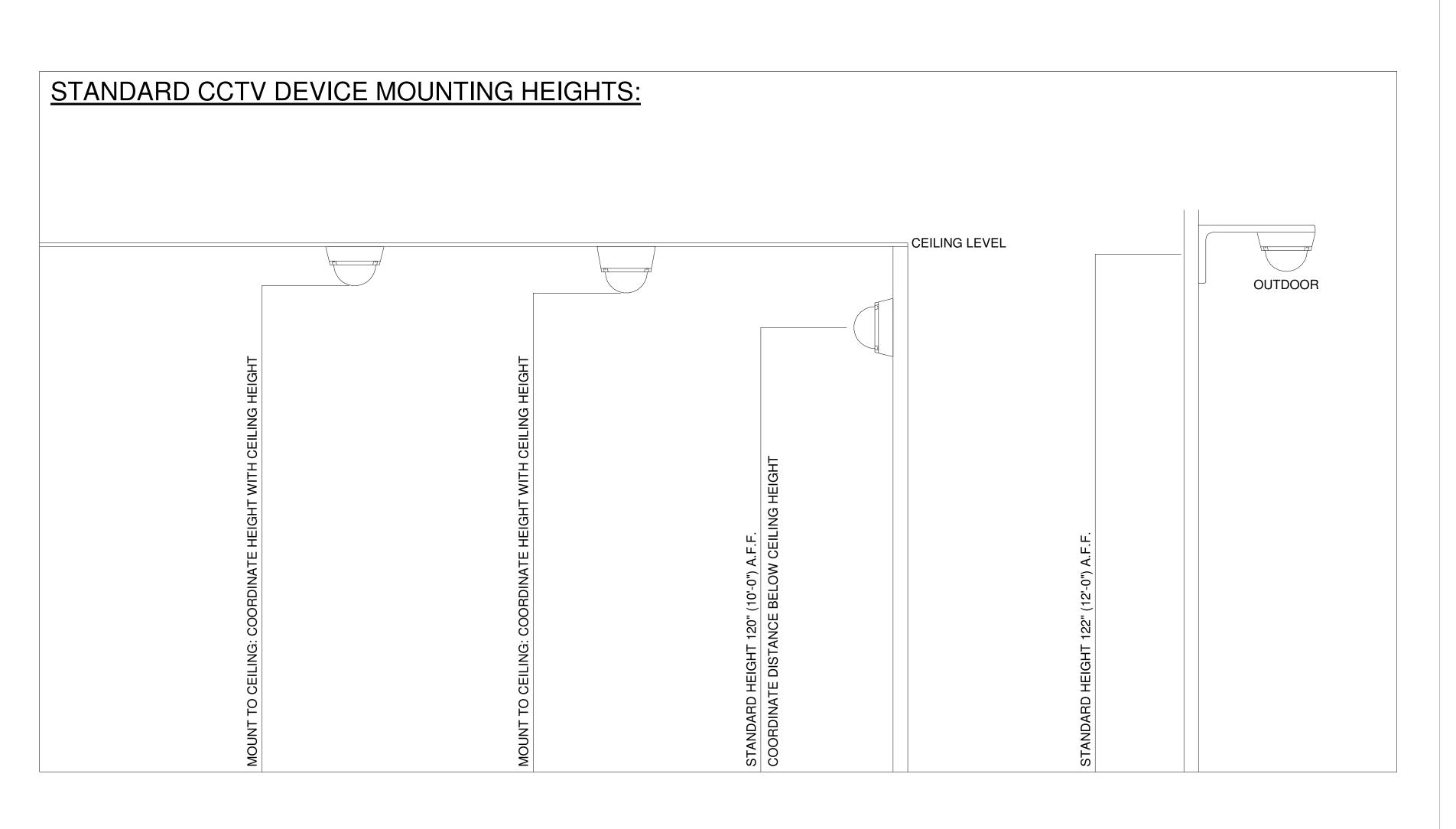
PROJECT INFORMATION

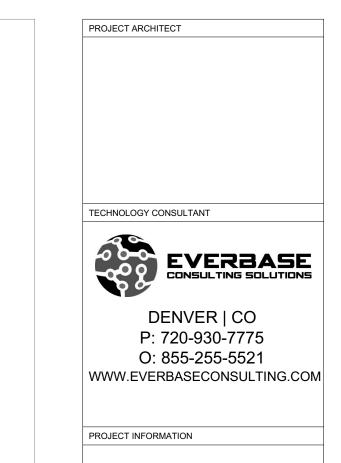
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SHEET INFORMATION		
SHEET TITLE:		
NETWOR	K ONE-	LINE
	GRAM	
SHEET NUMBER:		
OFFICE INDIVIDER.		

TD-600

CCTV CAMERA SYSTEM DRAWING INDEX						
Sheet Number	Sheet Description	Issuance Title	Issue Date			
Technology Set - CCTV Camera System Sheets						
TC-000	CCTV SYSTEM COVER SHEET	IFC SET	06.11.2021			
TC-101	LEVEL 1 - CCTV SYSTEM LAYOUT	IFC SET	06.11.2021			
TC-500	CCTV SYSTEM SCHEDULE & DETAIL	IFC SET	06.11.2021			

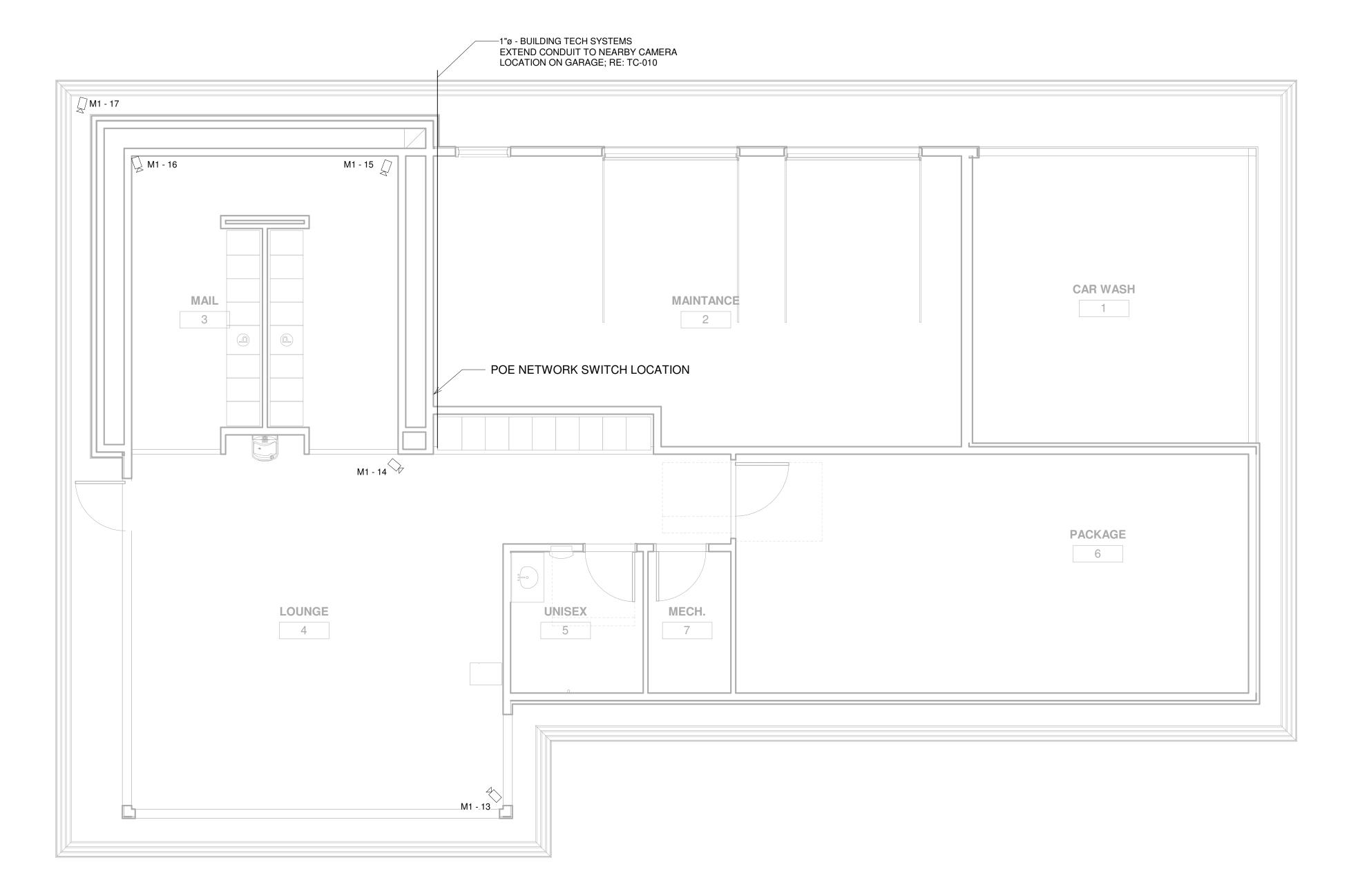
CCTV PLA	N SYMBOL LEGEND:		
SYMBOL	ELEVATION	CCTV SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
NVR	SEE DETAIL ON SHEET TD-600	CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET	1-CAT6 TO NETWORK PATCH PANEL
□ 1-1		CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL
PTZ) 2-1		CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-16/2 STRANDED FOR POWER & 1-CAT6 TO ASSOCIATED POE PATCH PANEL
⊳ _W 1-2		WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-CAT6 TO ASSOCIATED POE PATCH PANEL
PTZ 2-2 W		WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER)	1-16/2 STRANDED FOR POWER & 1-CAT6 TO ASSOCIATED POE PATCH PANEL
J	SIZING AS NEEDED	CCTV SYSTEM J-BOX	2-GANG BOX FOR ACCESS TO CCTV DEVICE FROM CONDUIT





SUNDAR MAILBOX & MAINT DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

ORIGINAL ISSUANCE:		DATE
IFC SET		06.11.2
REVISION:	DATE:	DELTA
SYSTEM DESIGNER:		
SYSTEM REVIEWER:		Checker
ECS JOB NUMBER:		
SHEET INFORMATION		EC-1023
SHEET TITLE:		
CCTV SYS	STEM CO	OVER



LEVEL 1 - CCTV LAYOUT 1/4" = 1'-0"

CCTV PLAN SYMBOL LEGEND: SYMBOL CCTV SYSTEM DEVICE DESCRIPTION: NVR CCTV SYSTEM NETWORK VIDEO RECORDER (NVR)
(MOUNTED IN EQUIPMENT RACK) - REQUIRED
POWER: 1 DUPLEX OUTLET POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE DOME CAMERA (LEVEL - CAMERA NUMBER)

CCTV SYSTEM PLAN NOTES

- REFER TO SHEET TC-000 FOR STANDARD CCTV DEVICE MOUNTING HEIGHTS REFER TO CCTV DETAILS FOR CCTV SYSTEM

☑ CCTV SYSTEM J-BOX

- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- SPECIFIED
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT SPECIFIED
- ALL CABLING IS TO BE ROUTED THROUGH
 DESIGNATED CONDUIT, SLEEVING & PULL BOX BY
 INSTALLING CONTRACTOR

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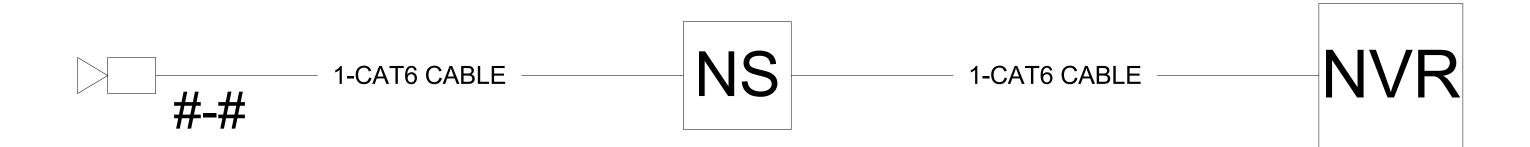
PROJECT ARCHITECT

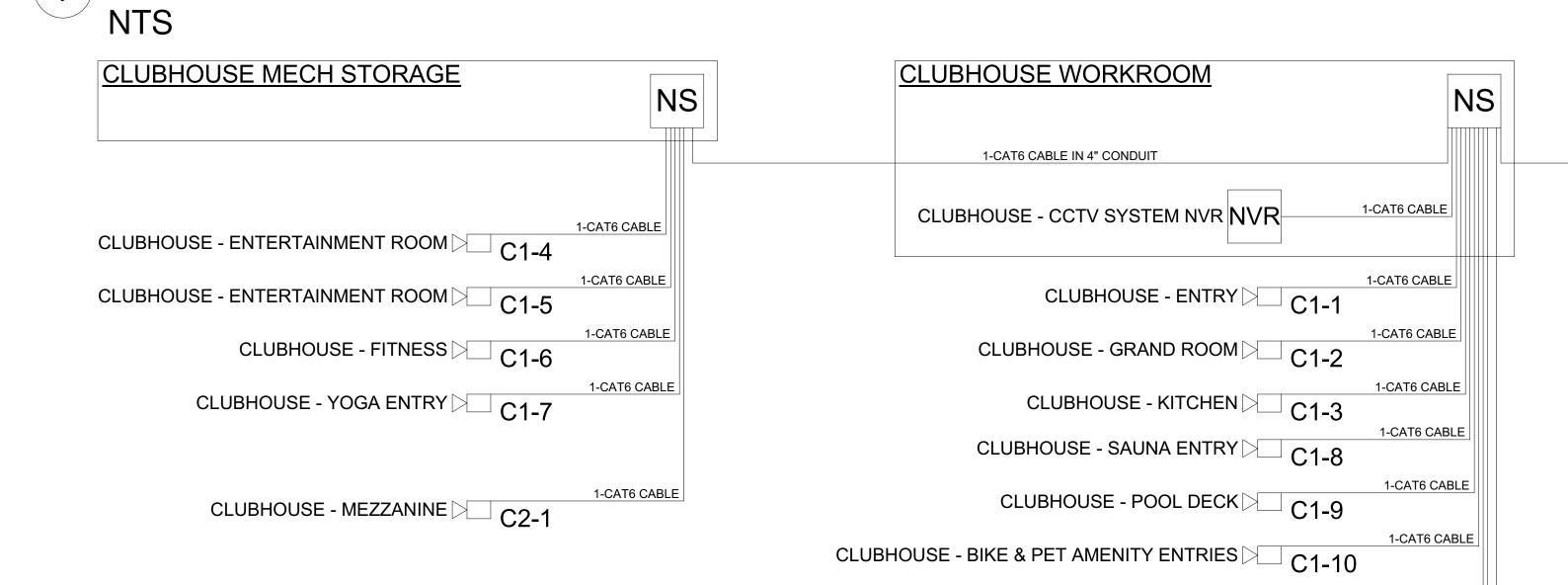
PROJECT INFORMATION

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SHEET INFORMATION		

TC-101

	CCTV DEVICE SCHEDULE							
LEVEL	CAMERA LOCATION	NETWORK SWITCH IN ROOM	VC	-ID	CAMERA MOUNTING	CAMERA RESOLUTION	LENSE TYPE	NOTES
LEVEL 1	LOUNGE	MAINTENCE	M1	13	CEILING MOUNTED - FIXED POSITION	2 MP (1920 X 1080)	2.8 - 9MM VARIFOCAL	
LEVEL 1	MAIL ROOM	MAINTENCE	M1	14	CEILING MOUNTED - FIXED POSITION	2 MP (1920 X 1080)	2.8 - 9MM VARIFOCAL	
LEVEL 1	MAIL ROOM	MAINTENCE	M1	15	CEILING MOUNTED - FIXED POSITION	2 MP (1920 X 1080)	2.8 - 9MM VARIFOCAL	
LEVEL 1	MAIL ROOM	MAINTENCE	M1	16	CEILING MOUNTED - FIXED POSITION	2 MP (1920 X 1080)	2.8 - 9MM VARIFOCAL	
LEVEL 1	DRIVE-PATH FROM MAIL BLDG	MAINTENCE	M1	17	CEILING MOUNTED - FIXED POSITION	2 MP (1920 X 1080)	2.8 - 9MM VARIFOCAL	





CLUBHOUSE - OUTDOOR KITCHEN C1-11

CLUBHOUSE - COFFEE BAR C1-12

GARAGE BLDG 15 - DRIVE PATH G-1	1-CAT6 CABLE
	IN 1-1" CONDUIT
MAILBOX & MAINTENANCE BLDG	NO
	NS
1-CAT6 CABLE IN 4" CONDUIT	
MAILBOX & MAINT - LOUNGE 1-13	1-CAT6 CABLE
MAILBOX & MAINT - PARCEL ROOM 1-14	1-CAT6 CABLE
MALL DOV 9 MAINT MALL DOOM	1-CAT6 CABLE
1-13	1-CAT6 CABLE
MAILBOX & MAINT - MAIL ROOM 1-16	1 CATE CARLE
MAILBOX & MAINT - DRIVE PATH 1-17	1-CAT6 CABLE
RESIDENTIAL BLDG 1	NS
1-MM FIBER IN 2" CONDUIT	
I-IVIIVI FIBER IIV 2 CONDUIT	
DESIDENTIAL BLOG 2 CDEEN ADEA VIII.	1-CAT6 CABLE
RESIDENTIAL BLDG 2 - GREEN AREA 2-1	1-CAT6 CABLE
RESIDENTIAL BLDG 2 - GREEN AREA 2-2	
RESIDENTIAL BLDG 2 - DRIVE PATH 2-3	1-CAT6 CABLE

CCTV PLAN SYMBOL LEGEND: SYMBOL CCTV SYSTEM DEVICE DESCRIPTION: CCTV SYSTEM NETWORK VIDEO RECORDER (NVR) (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET POE NETWORK SWITCH (MOUNTED IN EQUIPMENT RACK) - REQUIRED POWER: 1 DUPLEX OUTLET CEILING MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) CEILING MOUNTED PAN, TILT, ZOOM (PTZ) POE DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED FIXED POSITION POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) WALL MOUNTED PAN, TILT, ZOOM (PTZ) POE I.P. DOME CAMERA (LEVEL - CAMERA NUMBER) □ CCTV SYSTEM J-BOX

CCTV SYSTEM PLAN NOTES

- REFER TO SHEET TC-000 FOR STANDARD CCTV DEVICE MOUNTING HEIGHTS
- REFER TO CCTV DETAILS FOR CCTV SYSTEM
- BASED ON FIELD CONDITIONS
- ALL CABLING IS TO BE ROUTED THROUGH

- CABLE & CONDUIT ROUTING SUBJECT TO CHANGE ELECTRICAL CONTRACTOR TO PROVIDE POWER AS
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AT SPECIFIED
- DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR

PROJECT ARCHITECT

TECHNOLOGY CONSULTANT

PROJECT INFORMATION

EVERBASE CONSULTING SOLUTIONS

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ORIGINAL ISSUANCE:		DATI
IFC SET		06.11.2
REVISION:	DATE:	DELTA
SYSTEM DESIGNER:		
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ECS JOB NUMBER:		EC-102
SHEET INFORMATION		20 .02
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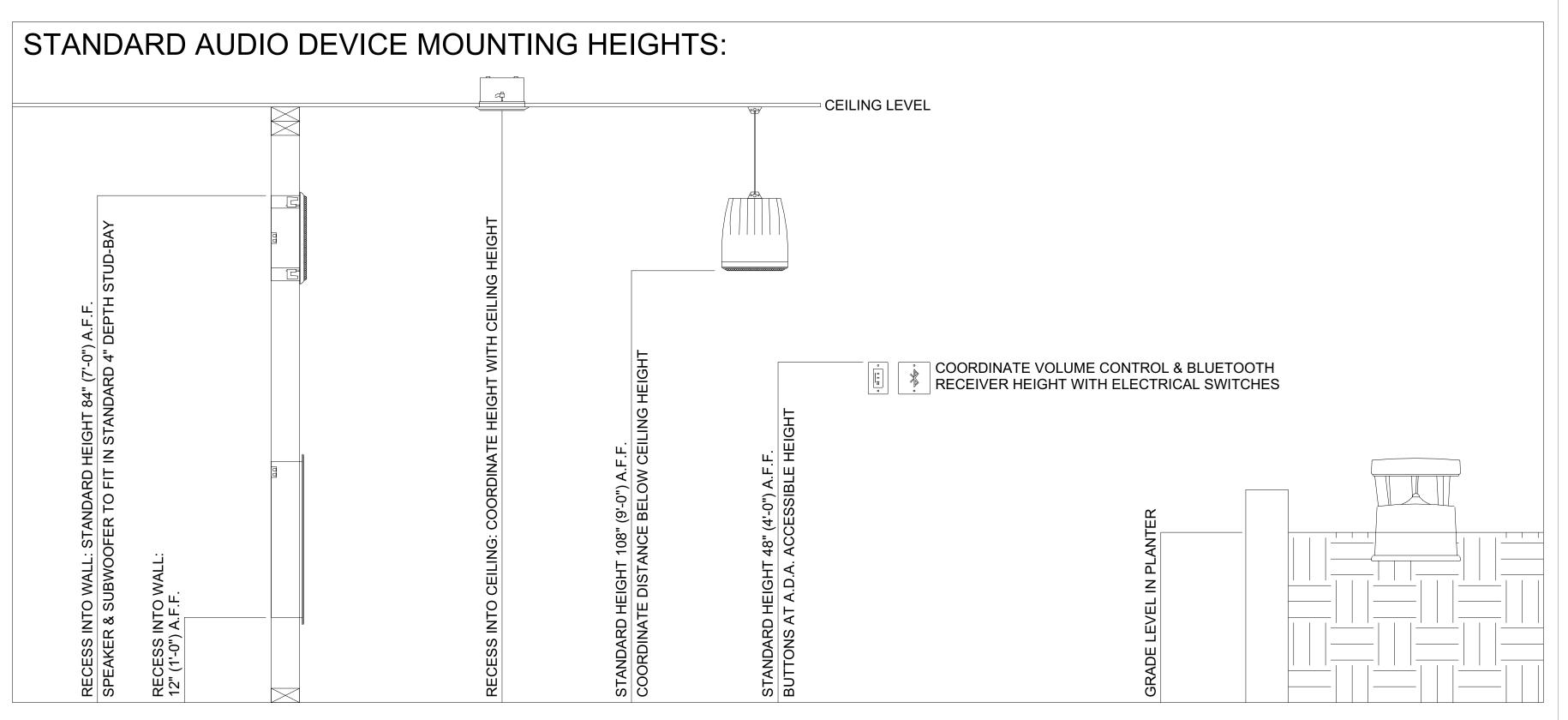
TC-500

2	CCTV SYSTEM ONE-LINE DIAGRAM
2	NTS

CCTV SYSTEM CONNECTIVITY DIAGRAM

AUDIO	SYSTEM DRAWING INDEX						
Sheet Number	Sheet Description	Issuance Title	Issue Date				
Technology Se	Technology Set - Audio System Sheets						
TA-000	AUDIO SYSTEM COVER SHEET	IFC SET	06.11.2021				
TA-101	LEVEL 1 - AUDIO SYSTEM LAYOUT	IFC SET	06.11.2021				

AUDIO SYS	STEM PLAN SYMBOL L	EGEND:	
SYMBOL	ELEVATION	AUDIO SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:
AV	SIZING AS NEEDED	AV EQUIPMENT RACK (SEE ZONE DESCRIPTION FOR MOUNTING) - REQUIRED POWER: 1 FOURPLEX OUTLET ON DEDICATED CIRCUIT	1-CAT6 RACK TO NETWORK PATCH PANEL IN ASSOCIATED IDF ROOM
70v)A-1		CEILING MOUNTED 70 VOLT SPEAKER (ZONE ID - SPEAKER NUMBER)	1-14/2 STRANDED AUDIO CABLE
70v A-2		WALL MOUNTED 70 VOLT SPEAKER (ZONE ID - SPEAKER NUMBER)	1-14/2 STRANDED AUDIO CABLE
70v-A-3		PENDANT MOUNTED 70 VOLT SPEAKER (ZONE ID - SPEAKER NUMBER)	1-14/2 STRANDED AUDIO CABLE
70v D-1 LND		LANDSCAPE 70 VOLT SPEAKER (ZONE ID - SPEAKER NUMBER)	1-14/2 STRANDED AUDIO CABLE
VCA-1	· · · · · · · · · · · · · · · · · · ·	ZONE VOLUME CONTROL (ZONE ID - DEVICE NUMBER)	1-14/2 STRANDED AUDIO CABLE, 1-CAT6: BLUE, & 1-16/2 STRANDED FOR POWER
BT A-1		ZONE BLUETOOTH RECEIVER (ZONE ID - DEVICE NUMBER)	1-3.5MM AUDIO CABLE & 1-16/2 STRANDED FOR POWER
SS S-1		CEILING MOUNTED 8 OHM STEREO SURROUND SPEAKER (ZONE ID - SPEAKER NUMBER)	1-14/2 STRANDED AUDIO CABLE
ss S-2		WALL MOUNTED 8 OHM STEREO SURROUND SPEAKER (ZONE ID - SPEAKER NUMBER)	1-14/2 STRANDED AUDIO CABLE
SS-S-3		PENDANT CEILING MOUNTED 8 OHM STEREO SURROUND SPEAKER (ZONE ID - SPEAKER NUMBER)	1-14/2 STRANDED AUDIO CABLE
ss S-4 SUB		STEREO SURROUND SUBWOOFER (ZONE ID - SPEAKER NUMBER)	1-14/2 STRANDED AUDIO CABLE

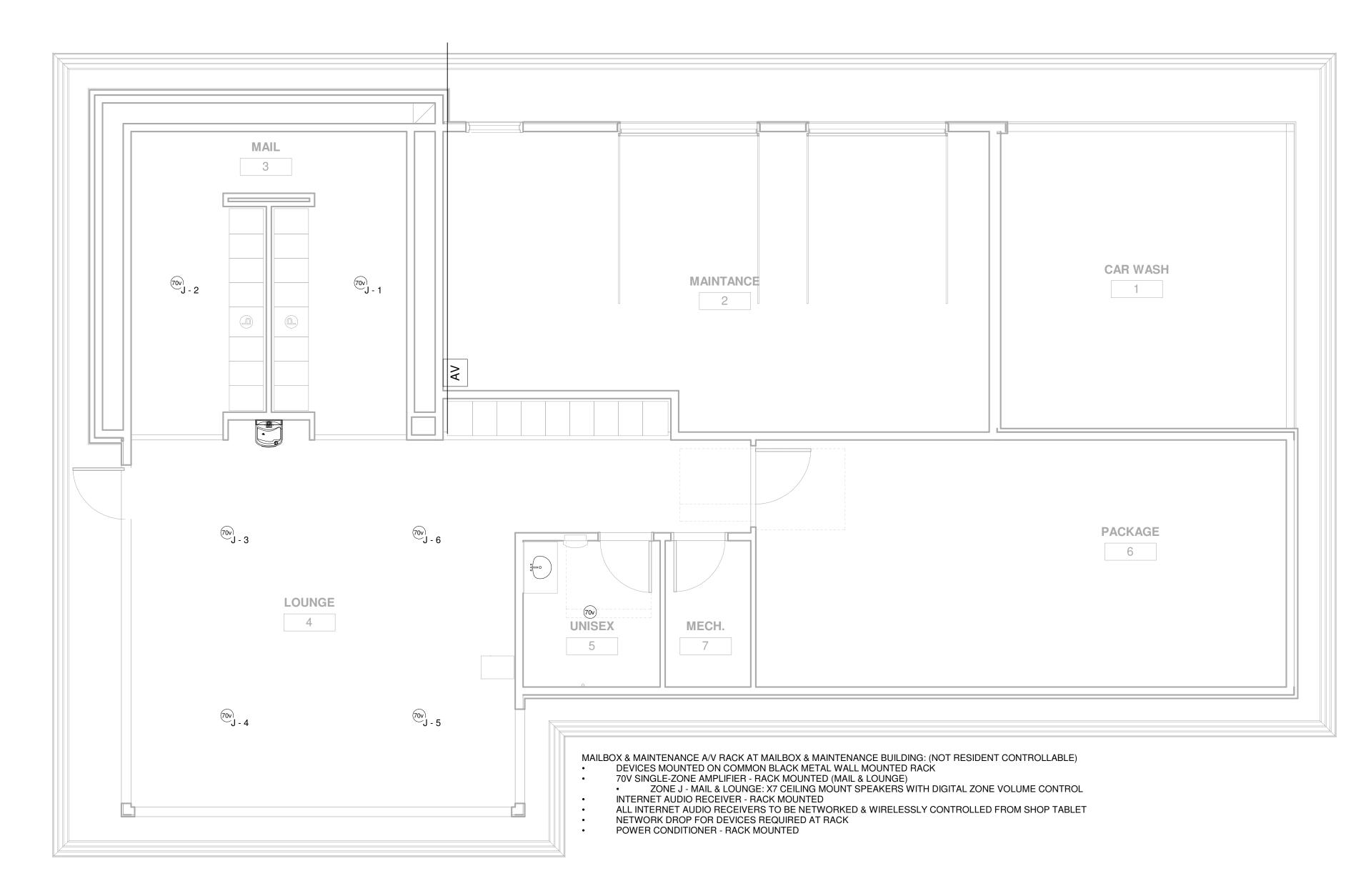




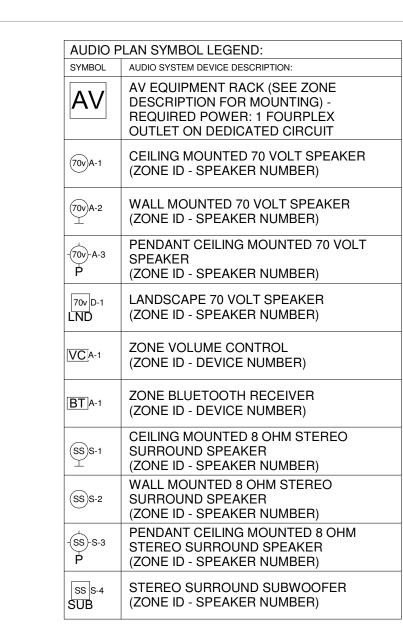
SUNDAR MAILBOX & MAINT DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

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ECS JOB NUMBER:		EC-102
SHEET INFORMATION		
SHEET TITLE:		
AUDIO SY	STEM C HEET	OVER
SHEET NUMBER:		

TA-000



LEVEL 1 - AUDIO LAYOUT



AUDIO PLAN NOTES

- 1. REFER TO SHEET TA-000 FOR STANDARD
- AUDIO DEVICE MOUNTING HEIGHTS

 2. REFER TO AUDIO DETAIL SHEETS FOR AUDIO
 SYSTEM DIAGRAMS
- SYSTEM DIAGRAMS
 3. CABLE & CONDUIT ROUTING SUBJECT TO
- CHANGE BASED ON FIELD
 CONDITIONSELECTRICAL CONTRACTOR TO
- PROVIDE POWER AS SPECIFIED

 4. ELECTRICAL CONTRACTOR TO PROVIDE
- POWER AS SPECIFIED

 5. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS SPECIFIED

 6. ALL CABLING IS TO BE ROUTED THROUGH
- 6. ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR

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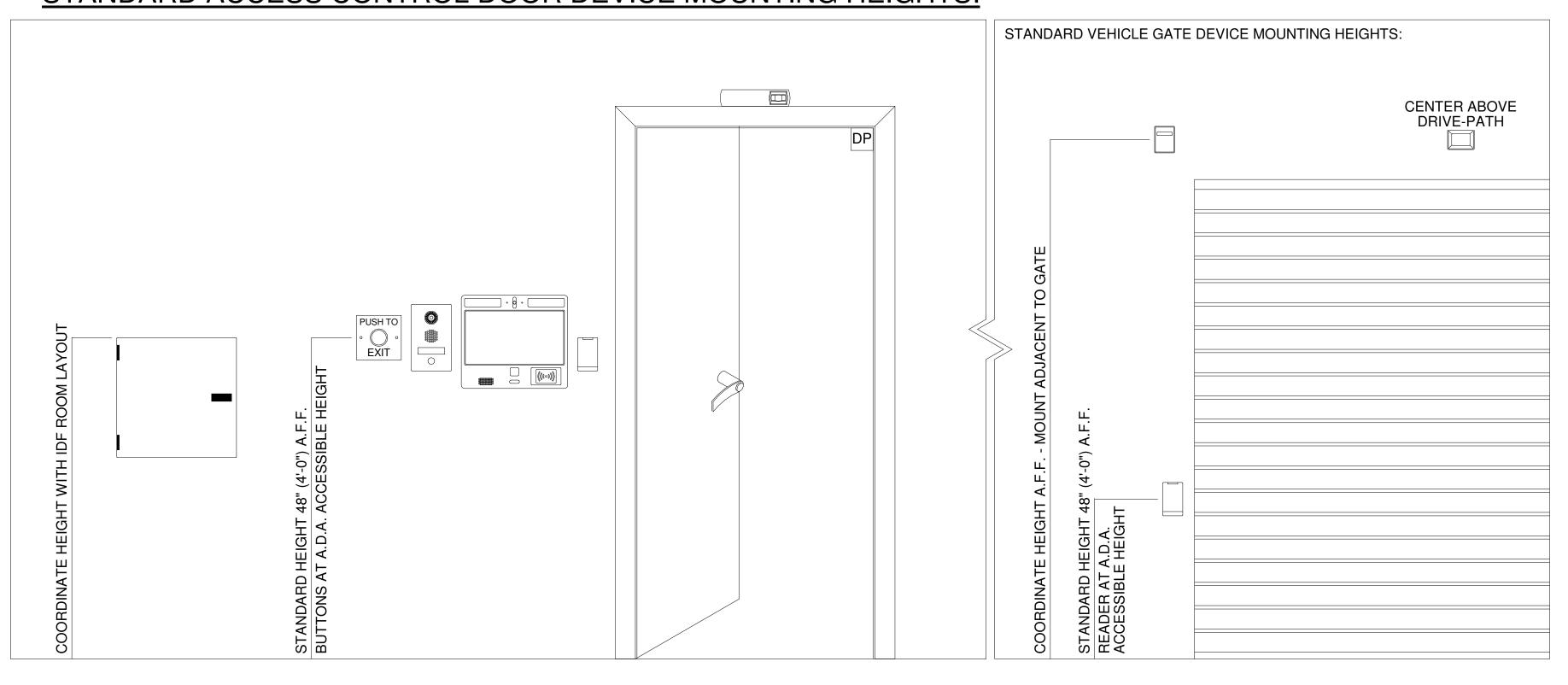
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SHEET TITLE:		

TA-101

ACCESS CONTROL SYSTEM DRAWING INDEX							
Sheet Number	Sheet Description	Issuance Title	Issue Date				
Technology Se	et - Access Control System	1					
TR-000	ACCESS CONTROL SYSTEM COVER SHEET	IFC SET	06.11.2021				
TR-101	LEVEL 1 - ACCESS CONTROL SYSTEM LAYOUT	IFC SET	06.11.2021				
TR-500	ACCESS CONTROL SYSTEM DOOR & LOCK SCHEDULE	IFC SET	06.11.2021				
TR-501	ACCESS CONTROL SYSTEM DOOR DETAILS	IFC SET	06.11.2021				
TR-600	ACCESS CONTROL SYSTEM ONE-LINE DIAGRAM	IFC SET	06.11.2021				

ACCESS CONTROL PLAN SYMBOL LEGEND:								
SYMBOL	ELEVATION	ACCESS CONTROL SYSTEM DEVICE DESCRIPTION:	DEVICE REQUIRED CABLING:					
AP#		ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET	1-CAT6 RACK TO NETWORK SWITCH IN ASSOCIATED IDF ROOM, 1-2 CONDUCTOR STRANDED CABLE TO FIRE ALARM RELAY					
DP	RECESSED IN FRAME	DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME)	1-22/2 STRANDED TO ASSOCIATED ACCESS CONTROL PANEL					
ЕВ	REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT)		1-18/4 STRANDED TO LOCK POWER					
IC		INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)	TYPICAL: 1-CAT6, 1-16/2, 2-16/4 TO RECEPTION LOCATION (CONFIRM WITH PRODUCT LITERATURE)					
PS	SIZING AS NEEDED	DOOR HARDWARE POWER SUPPLY - COORDINATE REQUIRED POWER & MOUNTING WITH ELECTRICAL CONTRACTOR (MUST BE ACCESSIBLE FOR MAINTENANCE)	COORDINATE REQUIRED CABLING WITH DOOR HARDWARE VENDOR & ELECTRICAL CONTRACTOR					
REX		REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR)	1-22/4 STRANDED TO ASSOCIATED ACCESS CONTROL PANEL					
RF		RADIO FREQUENCY (RF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH)	1-22/8 STRANDED TO ASSOCIATED ACCESS CONTROL PANEL/GATE OPERATOR					
TE		DIGITAL TELE-ENTRY (WALL MOUNTED WITH CALL BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)	TYPICAL: 1-CAT6, 1-16/2, 2-16/4 TO RECEPTION LOCATION (CONFIRM WITH PRODUCT LITERATURE)					
UHF		ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH)	1-22/8 STRANDED TO ASSOCIATED ACCESS CONTROL PANEL/GATE OPERATOR					
		CREDENTIAL READER (WALL MOUNTED)						
CR-1-01		CR-LEVEL-READER NUMBER ACCESS CONTROL PANEL NUMBER READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA) ARCHITECTURAL DOOR NUMBER DOOR HARDWARE GROUP NUMBER	ACCESS CONTROL COMPOSITE CABLE (18/4,22/4,22/2,22/3PR) SHIELDED					
J	SIZING AS NEEDED	ACCESS CONTROL SYSTEM J-BOX	SINGLE-GANG BOX FOR ACCESS TO ACCESS CONTROL DEVICE FROM CONDUIT					

STANDARD ACCESS CONTROL DOOR DEVICE MOUNTING HEIGHTS:



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PROJECT INFORMATION

SUNDAR MAILBOX & MAINT DILLON ROAD & SOUTH 122TH STREET LAFAYETTE, COLORADO

ORIGINAL ISSUANCE: DATE:

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SYSTEM REVIEWER:

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ECS JOB NUMBER:

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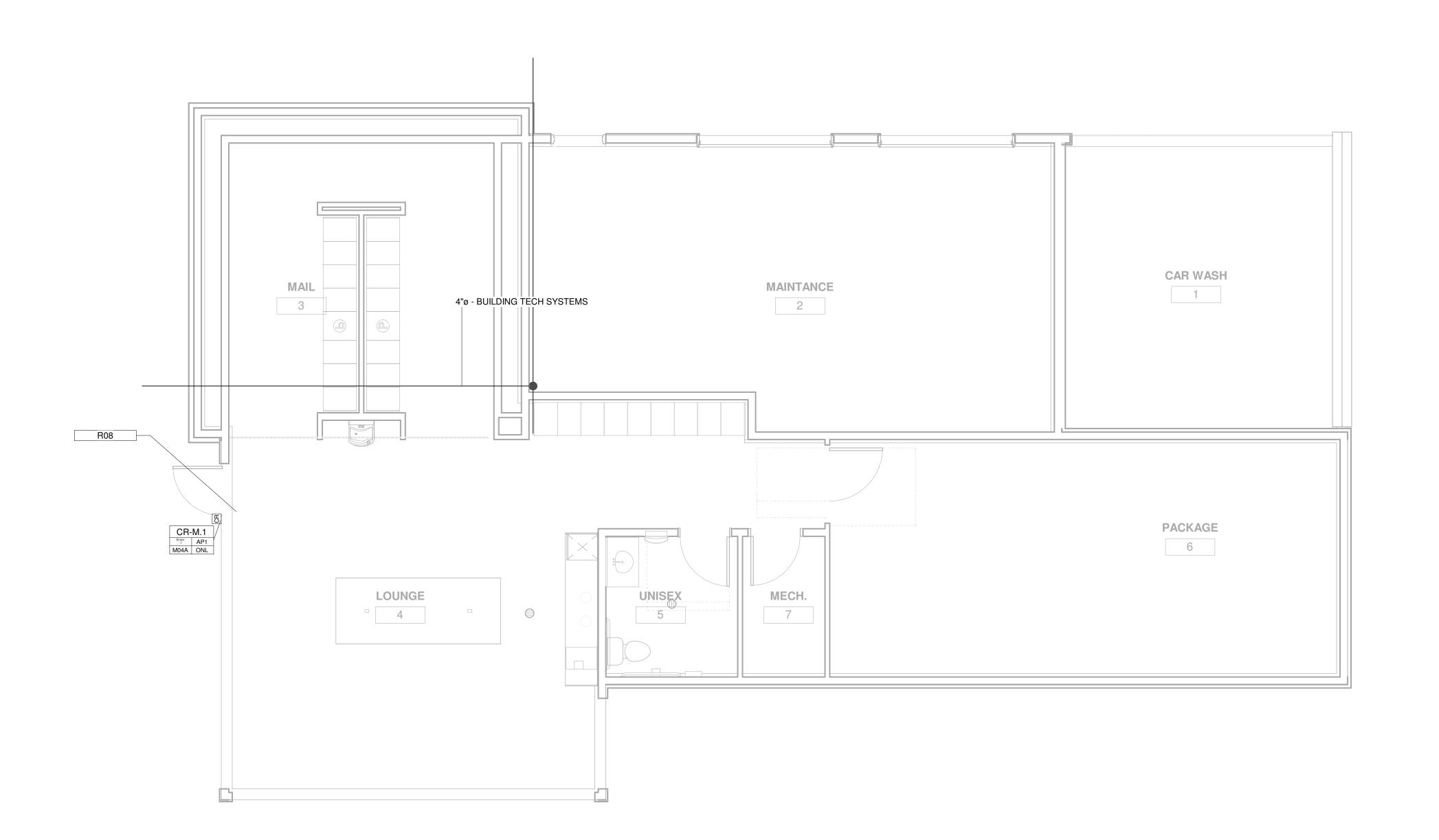
SHEET INFORMATION

SHEET TITLE:

ACCESS CONTROL

SYSTEM COVER SHEET

SHEET NUMBER:



LEVEL 1 - ACCESS CONTROL LAYOUT 1/4" = 1'-0"

ACCESS CONTROL PLAN SYMBOL LEGEND: SYMBOL | ACCESS CONTROL SYSTEM DEVICE DESCRIPTION:

AP# ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX OUTLET

DP DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME)

REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A D A ACCESSIBLE LIE OUT) BUTTON AT A.D.A. ACCESSIBLE HEIGHT) INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)

DOOR HARDWARE POWER SUPPLY - COORDINATE PS REQUIRED POWER & MOUNTING WITH ELEC. CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.)

REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED CENTERED APOVE DOOR) MOUNTED, CENTERED ABOVE DOOR)

DIGITAL TELE-ENTRY (WALL MOUNTED WITH CALL BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)

ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH)

CREDENTIAL READER (WALL MOUNTED)

CR-1-01 CR-LEVEL-READER NUMBER

ACCESS CONTROL PANEL NUMBER
READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA)
ARCHITECTURAL DOOR NUMBER DOOR HARDWARE GROUP NUMBER

Keynote Legend

Key Value

Keynote Text PULL CABLE TO STRIKE SIDE FOR ELECTRIC LOCK - TR-XXX SHEETS FOR DOOR DETAILS

ACCESS CONTROL NOTES

REFER TO SHEET TR-000 FOR STANDARD ACCESS CONTROL DEVICE MOUNTING HEIGHTS

REFER TO ACCESS CONTROL DETAIL SHEETS OR ACCESS CONTROL DOOR/SYSTEM DETIALS & PANEL

CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS ELECTRICAL CONTRACTOR TO PROVIDE POWER AS

SPECIFIED ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AS

SPECIFIED ALL CABLING IS TO BE ROUTED THROUGH DESIGNATED

CONDUIT, SLEEVING & PULL BOX BY INSTALLING CONTRACTOR ONE CREDENTIAL (FOB) TO BE UTILIZED FOR BOTH

ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS PER PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS

PROJECT ARCHITECT TECHNOLOGY CONSULTANT

EVERBASE

P: 720-930-7775 O: 855-255-5521 WWW.EVERBASECONSULTING.COM

DENVER | CO

PROJECT INFORMATION

	ORIGINAL ISSUANCE:		DATI
	IFC SET		06.11.2
	REVISION:	DATE:	DELTA
	SYSTEM DESIGNER:		
	CVCTEM DEVIEWED.		
	SYSTEM REVIEWER:		Obselve
	ECS JOB NUMBER:		Checke
			EC-102
	SHEET INFORMATION		
	SHEET TITLE:		
	LEVEL	1 - ACCES	SS
	CONTR	OL SYSTI	EM
		AYOUT	
l .			

TR-101

ACCESS CONTROL DOOR & LOCK SCHEDULE

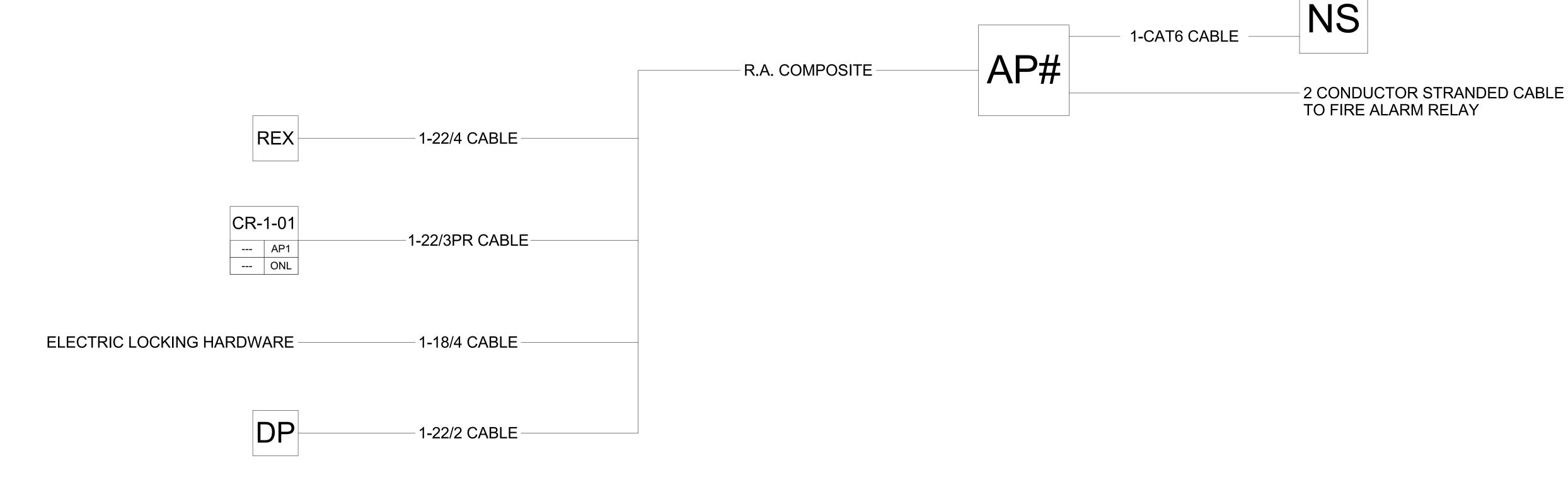
LEVEL	ARCH DOOR	DOOR DESCRIPTION	CREDENTIAL READER ID	PANEL NUMBER	LOCKING DEVICE	LOCK READER			DOOR HARDWARE DETAIL	
	NUMBER					FUNCTION	FUNCTION	DOOR TYPE	(TR SHEET# - DETAIL #)	NOTES
LEVEL 1	M04A	MAILBOX BLDG LOUNGE	CR-M.1	AP1	ELECTRIC STRIKE WITH EXIT DEVICE	FAIL SECURE	ONL	SINGLE	TR-501 - 1	CREDENTIAL UPDATE READER

TECHNOLOGY CONTRACTOR PROVIDES:

CREDENTIALS, CREDENTIAL READER, DOOR POSITION SENSOR, REQUEST TO EXIT SENSOR, ACCESS CONTROL PANEL, NETWORK SWITCH

DOOR HARDWARE CONTRACTOR PROVIDES:

ELECTRONIC LOCK, EXIT DEVICE, LEVER TRIM/LEVER SET, POWER SUPPLY (IF APPLICABLE PER CONDITION)



ACCESS CONTROL SYSTEM CONNECTIVITY DIAGRAM

ACCESS CONTROL PLAN SYMBOL LEGEND: SYMBOL | ACCESS CONTROL SYSTEM DEVICE DESCRIPTION: ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX

INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT)

DOOR HARDWARE POWER SUPPLY - COORDINATE PS | REQUIRED POWER & MOUNTING WITH ELEC. CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.)

REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR)

DIGITAL TELE-ENTRY (WALL MOUNTED WITH CALL BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)

ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH)

CREDENTIAL READER (WALL MOUNTED)

CR-1-01 CR-LEVEL-READER NUMBER
ACCESS CONTROL PANEL NUMBER

READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA)
ARCHITECTURAL DOOR NUMBER
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ACCESS CONTROL NOTES

REFER TO SHEET TR-000 FOR STANDARD ACCESS CONTROL DEVICE MOUNTING HEIGHTS

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CABLE & CONDUIT ROUTING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS

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DP DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME) REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT)

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PROJECT ARCHITECT

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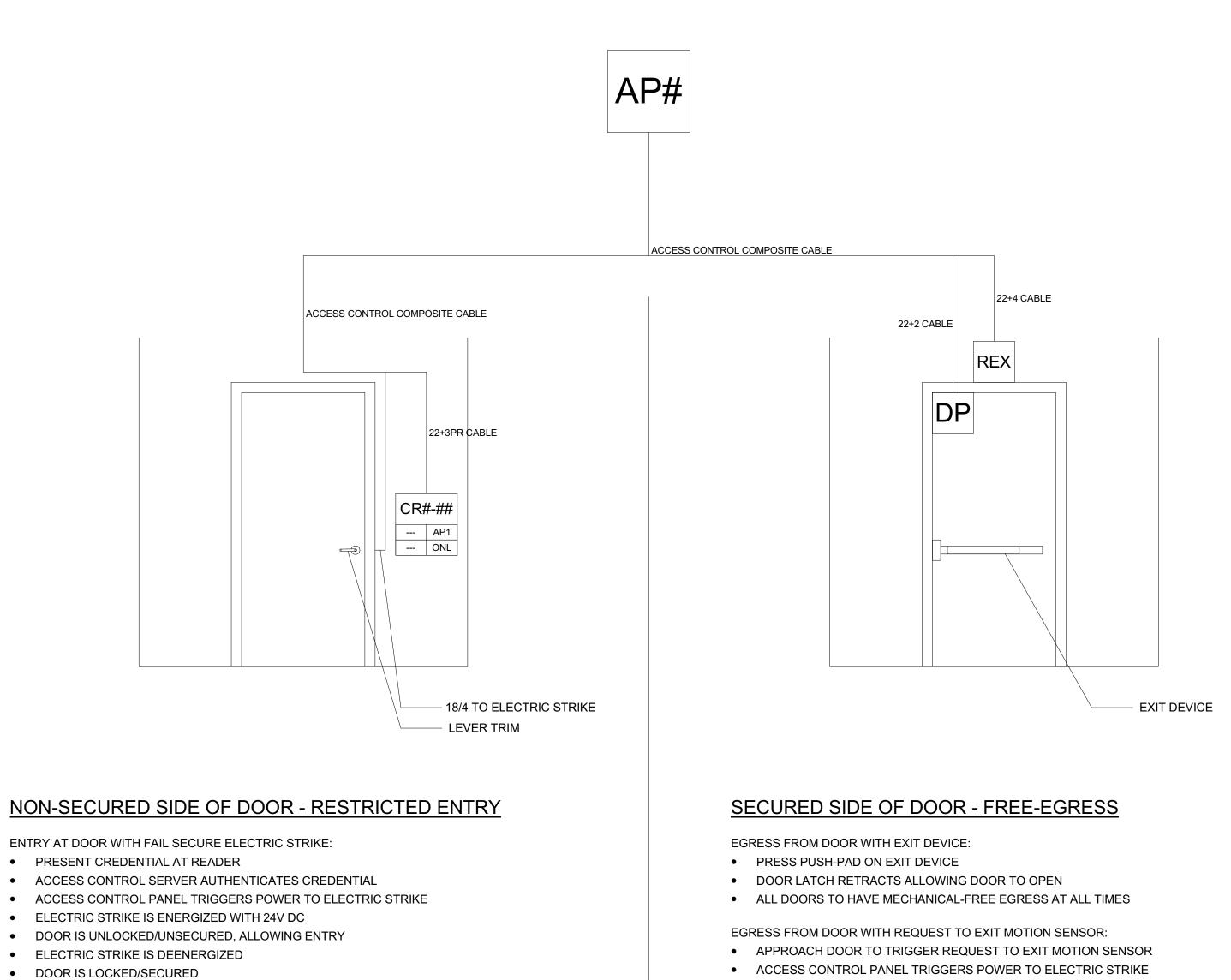
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PROJECT INFORMATION

IEO CET		06.11.2
IFC SET		00.11.2
REVISION:	DATE:	DELT
SYSTEM DESIGNER:		
		Designe
SYSTEM REVIEWER:		
		Checke
ECS JOB NUMBER:		
		EC-102
SHEET INFORMATION		
SHEET TITLE:		

TR-500

SCHEDULE



ELECTRIC STRIKE IS ENERGIZED WITH 24V DC

ELECTRIC STRIKE IS DEENERGIZED

DOOR IS LOCKED/SECURED

DOOR IS UNLOCKED/UNSECURED, ALLOWING ENTRY

ALL DOORS TO HAVE MECHANICAL-FREE EGRESS AT ALL TIMES

ELECTRIC STRIKE WITH EXIT DEVICE

AN ALERT IS TO BE GENERATED TO FACILITIES MANAGEMENT IF THE DOOR REMAINS

OPEN PAST A PROGRAMMABLE AMOUNT OF TIME

ACCESS CONTROL PLAN SYMBOL LEGEND: SYMBOL ACCESS CONTROL SYSTEM DEVICE DESCRIPTION: PS REQUIRED POWER & MOUNTING WITH ELEC. CR-1-01 CR-LEVEL-READER NUMBER ACCESS CONTROL PANEL NUMBER

OUTLET

ACCESS CONTROL NOTES

READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA)

REFER TO SHEET TR-000 FOR STANDARD ACCESS CONTROL DEVICE MOUNTING HEIGHTS

ARCHITECTURAL DOOR NUMBER DOOR HARDWARE GROUP NUMBER

AT A.D.A. ACCESSIBLE HEIGHT)

TO DRIVE-PATH)

DOOR HARDWARE POWER SUPPLY - COORDINATE

CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.)

DIGITAL TELE-ENTRY (WALL MOUNTED WITH CALL

ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE

REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR)

BUTTONS AT A.D.A. ACCESSIBLE HEIGHT)

CREDENTIAL READER (WALL MOUNTED)

- REFER TO ACCESS CONTROL DETAIL SHEETS OR ACCESS CONTROL DOOR/SYSTEM DETIALS & PANEL DIAGRAMS CABLE & CONDUIT ROUTING SUBJECT TO CHANGE
- BASED ON FIELD CONDITIONS
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- PHONE-BASED APP AS CREDENTIAL TO BE UTILIZED FOR BOTH ELECTRIFIED UNIT LOCKS & COMMON AREA LOCKS

PROJECT ARCHITECT ACCESS CONTROL PANEL & POWER SUPPLY AP# | (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX DP DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME) REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT) TECHNOLOGY CONSULTANT INTERCOM (WALL MOUNTED WITH CALL BUTTON

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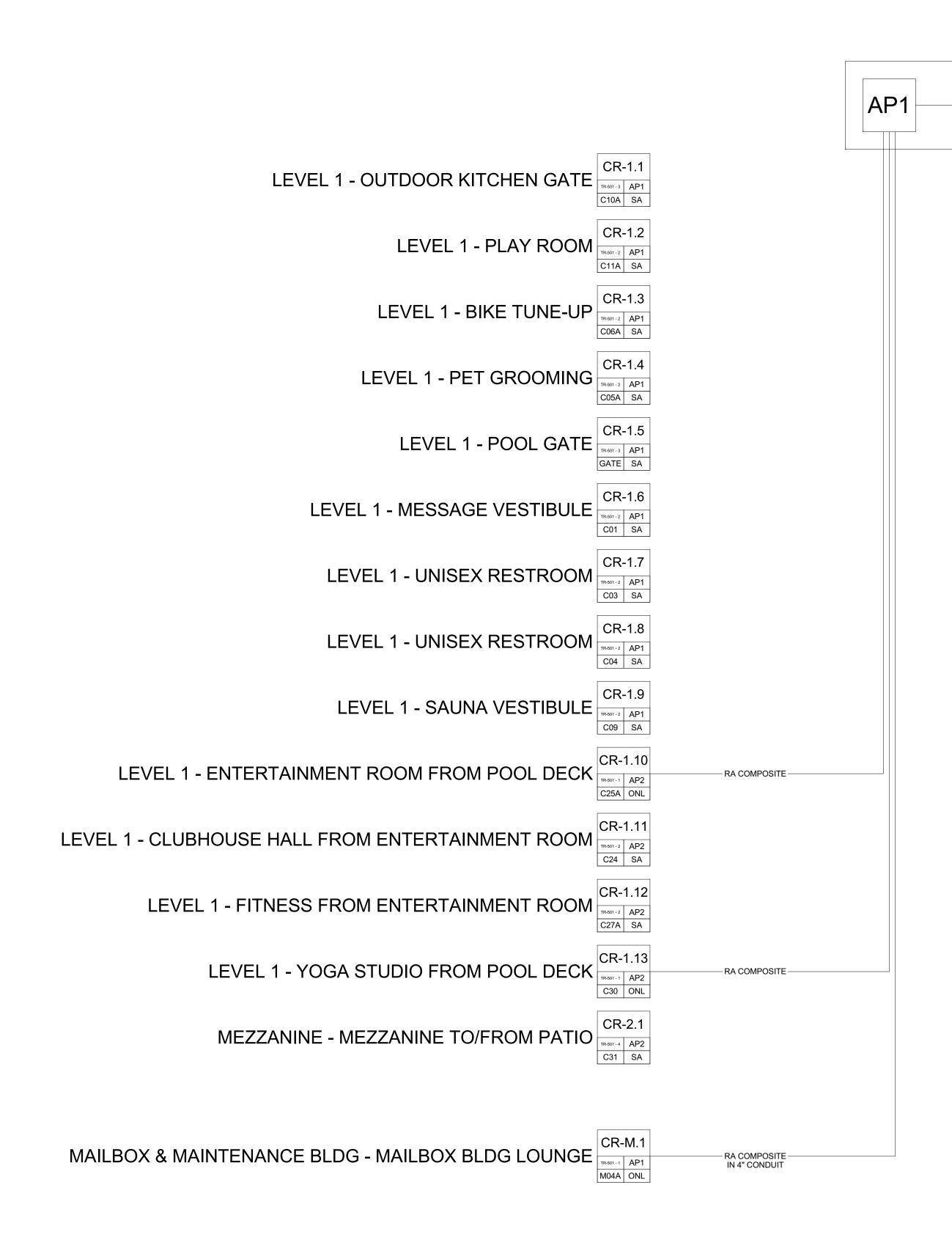
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PROJECT INFORMATION

ORIGINAL ISSUANCE: IFC SET DATE: SYSTEM DESIGNER: SYSTEM REVIEWER: Checker ECS JOB NUMBER: EC-1023 SHEET INFORMATION SHEET TITLE:

> ACCESS CONTROL SYSTEM DOOR DETAILS

SHEET NUMBER:



ACCESS CONTROL SYSTEM ONE-LINE DIAGRAM NTS

ACCESS CONTROL PLAN SYMBOL LEGEND: AP# ACCESS CONTROL PANEL & POWER SUPPLY (WALL MOUNTED) - REQUIRED POWER: 1 DUPLEX DP DOOR POSITION SENSOR (MOUNTED TO DOOR FRAME) REQUEST TO EXIT BUTTON (WALL MOUNTED WITH BUTTON AT A.D.A. ACCESSIBLE HEIGHT) INTERCOM (WALL MOUNTED WITH CALL BUTTON AT A.D.A. ACCESSIBLE HEIGHT) DOOR HARDWARE POWER SUPPLY - COORDINATE REQUIRED POWER & MOUNTING WITH ELEC. CONTRACTOR (MUST BE ACCESSIBLE FOR MAINT.) REQUEST TO EXIT MOTION SENSOR (WALL MOUNTED, CENTERED ABOVE DOOR) DIGITAL TELE-ENTRY (WALL MOUNTED WITH CALL BUTTONS AT A.D.A. ACCESSIBLE HEIGHT) ULTRA-HIGH FREQUENCY (UHF) RECEIVER FOR VEHICLE GATE (WALL MOUNT WITH LINE-OF-SITE TO DRIVE-PATH) CREDENTIAL READER (WALL MOUNTED) CR-1-01 CR-LEVEL-READER NUMBER
ACCESS CONTROL PANEL NUMBER READER FUNCTION: ONLINE (ONL) / STAND-ALONE (SA)
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DOOR HARDWARE GROUP NUMBER

CLUBHOUSE WORKROOM

CABLE LEGEND

LINE TYPE	DESCRIPTION
CAT6———CA	AT6 1-CAT6 CABLE FOR DATA/NETWORK DEVICE INTERCONNECT & NETWORK DEVICE INTERCONNECT
MMFIBERMMFIE	3ER 1-MULTIMODE FIBER FOF NETWORK DEVICE INTERCONNECT - 4" DARK FIBERS TO BE INCLUDED FOR FUTURE NETWORK EXPANSION
R.A. COMP—R.A. CO	MP 1-ACCESS CONTROL COMPOSITE CABLE (18/4) 22/4, 22/2, 22/3PR) SHIELDED
18/4 — 1	8/4 1-18/4 CABLE TO ELECTRIFIED DOOR HARDWARE - PART OF ACCESS CONTROL CABL (18/4, 22/4, 22/2, 22/3PR) SHIELDED
22/2 ———— 2	22/2 1-22/2 CABLE TO DOOR POSITION SENSON - PAR OF ACCESS CONTROL COMPOSITE CABLE (18/4 22/4, 22/2, 22/3PR) SHIELDED
22/4 ———— 2	
22/8 — 2	22/8 1-22/8 SHIELDED CABLE TO UHF RECEIVER/ELEVATOR CONTROLLER INTERFACE PANEL
22/3PR22/3	3PR 1-22/3PR CABLE TO CREDENTIAL READER - PART OF ACCESS CONTROL COMPOSITE CABLE (18/4, 22/4, 22/2, 22/3PR) SHIELDED
16AWG16A	WG 1-16 AWG STRANDED CABLE CUT 3/16" INTO PAVEMENT TO EXIT LOOP DETECTOR MODULE - TO BE PROVIDED BY GATE CONTRACTOR

ACCESS CONTROL NOTES

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PROJECT INFORMATION

EVERBASE CONSULTING SOLUTIONS

ORIGINAL ISSUANCE:		DATE:
IFC SET		06.11.202
REVISION:	DATE:	DELTA:
SYSTEM DESIGNER:		
SYSTEM REVIEWER:		
ECS JOB NUMBER:		Checker
ECG JOB NOWBEN.		EC-1023
SHEET INFORMATION		
SHEET TITLE:		
ACCESS SYSTEM DIA		
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