ALLEGANY COLLEGE OF MARYLAND
DR. ROBERT S. ZIMMER COLLEGE THEATRE
STAGE RIGGING SYSTEM & AUDITORIUM
UPGRADES CUMBERLAND, MD 21502

ARCHITECT:
THE EADS GROUP
450 ABERDEEN DRIVE
SOMERSET, PA 15501

THEATRE EQUIPMENT CONSULTANT:
J-4 DESIGN
9385 GERWIG LANE,
SUITE D COLUMBIA ,
MD 21046

THEATRE EQUIPMENT STRUCTURAL ENGINEER:
SCHAEFER, INC
537 EAST PETE ROSE WAY,
SUITE 400 CINCINNATI, OH
45202
NOTES:

(1) BELDEN #1583A

CONTROL WIRING LEGEND

(90 NETERS). ALL NETWORK CONNECTIONS TO BE TIA/EIA568B.

(1) PANIC

ION Xe :a:l 10K CONTROL CONSOLE

HOUSE LEFT

HOUSELIGHTS

HOUSELIGHTS

D

N5

N5 N6

N9 N10

N13

FRONT OF HOUSE 1

SURFACE

NETWORKJACK

NET/NET/AC PLUG-IN

NET/NET/AC PLUG-IN

NET/AC PLUG-IN

FRONT OF HOUSE 2

CKTS 2

20A CKTS CSR25-12A0/6-1 N COLOR SOURCE RACEWAY 25'-0" LONG WITH:

(6) 20A CKTS CSR25-12A0/6-1 N COLOR SOURCE RACEWAY 25'-0"

FRONT OF HOUSE 2

CKTS 19, 20

CKTS 15, 17

CKTS 37 - 42

PRODIGY FLYPIPE

(ATTACHED)

8'-0" 3-PHASE POWER CABLE

8'-0" 9-PIN CONTROL CABLE

8'-0" 3-PHASE POWER CABLE

(ATTACHED)

PRODIGY FLYPIPE

BOTHS

POWERHEAD DISTRIBUTION BOX

POWERNET

PCD-F

REMOTE CONTROL

RIGGING CONTROLLER

NETWORK JACKS SHALL READ "TET X".

NOTES:

7.) ALL ETCNet RUNS SHALL BE CONTINUOUS UNSPLICED RUNS LESS THAN 300 FEET (90 METERS).

6.) HOIST CONTROL AND EMERGENCY STOP WIRING MUST BE IN GROUNDED
NOTES:

1.) FACE PANEL IS OF ALUMINUM FINISHED IN A BLACK, FINE-TEXTURED FORMICA COAT.

2.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.
   CIRCUIT NUMBER TO BE ENGRAVED ON LAMINATE ADDED.

3.) LENGTH FOR ALL WIRING TO BE NOTED AFTER COMMISSIONING.

4.) BACK BOX IS CONSTRUCTION OF 16 GA.
    STEEL AND IS FINISHED IN A BLACK
    FINE-TEXTURED POWDER COAT.

5.) BACK BOX MEETS OR EXCEEDS REQUIREMENTS
    FOR THE FOLLOWING WARNING:

UL
NOTES:

1.) FACE PANEL IS BR ALUMINUM FINISHED IN A BLACK FINISH TEXTURED POWDER COAT

2.) ALL LEGENDS ARE ENGRAVED IN WHITE

3.) LEADS FOR ALL NIT RUNS TO BE TERMINATED ON FACE PANEL

4.) BACK BOX IS CONSTRUCTED OF 16 GA.

5.) BACK BOX MEETS OR EXCEEDS REQUIREMENTS FOR THE FOLLOWING:

FOR THE FOLLOWING MARKING:

METAL VOLTAGE BARRIER

CONTROL BOOTH

ELECTRICAL DIAGRAM

FRONT VIEW

SIDE VIEW

REAR VIEW

(BACK BOX REMOVED)
NOTES:
1. THEATRE LIGHT PLOT FOR REFERENCE ONLY, NOT FOR CONSTRUCTION.
2. FIXTURE LOCATIONS, LENSING, AND FOCUS ARE INTENDED AS EXAMPLE ONLY.
3. FIXTURE ADDRESSING IS INTENDED AS AN EXAMPLE ONLY.
4. HOUSE LIGHTS ARE IN UNIVERSE 4.
5. FIXTURE MANUFACTURERS NOTED IN LEGEND ARE THE BASIS OF DESIGN.
6. SEE SECTION 11.01.02 FOR FURTHER INFORMATION.
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STAGE RIGGING SYSTEM & AUDITORIUM UPGRADES
CUMBERLAND, MD 21502

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537 EAST PETE ROSE WAY, SUITE 400
CINCINNATI, OH 45202

MISC BID NOTES:
1. BASE BID FOR THEATRICAL EQUIPMENT CONTRACTOR (TEC) INCLUDES ALL STATICALLY SUSPENDED RIGGING EQUIPMENT (PIPE BATTENS, TRACKS, DRAPERIES, GENERAL PURPOSE BATTENS)
2. ALTERNATE PKG INCLUDES SUPPLY AND INSTALLATION OF ETC FLYPIPES AS NOTED.
3. ROOF JOIST BOTTOM CHORDS OVER STAGE AREA WILL BE USED FOR ATTACHMENT OF NEW STAGE RIGGING, ELECTRICAL, & LIGHTING EQUIPMENT. ALL EXISTING ELECTRICAL FIXTURES, CONDUITS, BOXES, FITTINGS, CABLES, AND RELATED SHALL BE REMOVED FROM THAT AREA. ALL NEW AND REPLACED SHALL BE INSTALLED ABOVE THE ROOF JOIST BOTTOM CHORD ELEVATION, AND JOIST BOTTOM CHORD SHALL REMAIN UNOBSTRUCTED.

GENERAL PROJECT NOTES - SCOPE COORDINATION
1. IF CONFLICTS BETWEEN THEATRICAL RIGGING DRAWINGS, ARCHITECTURAL DRAWINGS, AND SPECIFICATIONS OCCUR, CONTRACTOR SHALL SEEK CLARIFICATION FROM CONSULTANT.
2. GENERAL CONTRACTOR OR DIVISION 5 CONTRACTOR IS RESPONSIBLE FOR DEMO OF CATWALK AS NOTED ON DWGS, DEMO OF ALL NON-STRUCTURAL MATERIAL FROM ABOVE STAGE, AND REMOVAL/REPLACEMENT OF CATWALK RAILINGS AS NOTED ON DRAWINGS.
3. GENERAL CONTRACTOR OR DIVISION 5 CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF SMOKE HATCHES, INCLUDING ALL SUPPLEMENTAL STEEL REQUIRED FOR SMOKE HATCH ROOF OPENINGS.
4. DIVISION 11 (THEATRICAL EQUIPMENT CONTRACTOR) IS RESPONSIBLE FOR INSTALLATION & TESTING OF ALL STATICALLY SUSPENDED RIGGING; ALL TRACK AND DRAPERY ELEMENTS; INSTALLATION OF OWNER PROVIDED ELECTRICAL DISTRIBUTION EQUIPMENT ATTACHED TO RIGGING EQUIPMENT, AS SPECIFIED IN 116100; INSTALL AND TEST MOTORIZED RIGGING IF ALTERNATE BIDS ARE ACCEPTED.
5. DIVISION 26 (ELECTRICAL CONTRACTOR) IS RESPONSIBLE FOR CONDUITS, PATHWAYS, WIRING, CABLE, CONDUIT BOXES, FITTINGS, AND HIGH-VOLTAGE TERMINATION OF OWNER PROVIDED ELECTRICAL DISTRIBUTION UNDER 116100; HIGH & LOW VOLTAGE WIRING, CABLE, CONDUITS BOXES AND FITTINGS FOR HOISTS, IF ALTERNATES ARE ACCEPTED.
6. DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR ALL CONDUITS, PATHWAYS WIRING, CABLE, CONDUIT BOXES, FITTINGS, TERMINATION OF SMOKE HATCH ACTUATOR POWER AND CONTROL.
7. FIELD VERIFY ALL DIMENSIONS, IF UNCLEAR ON ANY SCOPE ELEMENT, ASK FOR GUIDANCE FROM THE CONSULTANT.

TABLE
SET LOCATION DESCRIPTION MOTORIZED PANELS SIZE MATERIAL COLOR FULLNESS LINING TRACK NOTES
1 -4" VALANCE NO 1 4'-0" x 48'-0" 25oz IFR PRESTIGE TBD 1 Yes None
2 1'-0" MAIN CURTAIN NO 2 18'-4" x 26'-0" 25oz IFR PRESTIGE TBD 1 Yes ADC 280 BIPARTING
3 2'-6" GENERAL PURPOSE NO N/A 52'-0" N/A
4 4'-0" 1ST ELECTRIC NO N/A 52'-0" N/A
5 5'-0" BORDER 1 NO 1 4'-0" x 48'-0" 20oz IFR CRESCENT Black 0.5 No None
6 6'-0" LEGS NO 2 18'-0" x 10'-0" 20oz IFR CRESCENT Black 0.5 No ADC 173 WALKALONG
7 7'-6" 2ND ELECTRIC NO N/A 52'-0" N/A
8 8'-6" GENERAL PURPOSE NO N/A 52'-0" N/A
9 9'-6" GENERAL PURPOSE NO N/A 52'-0" N/A
10 10'-6" MID-TRAVELER NO 2 18'-4" x 26'-0" 20oz IFR CRESCENT Black 0.5 No ADC 173 BIPARTING
11 12'-0" BORDER 2 NO 1 4'-0" x 48'-0" 20oz IFR CRESCENT Black 0.5 No None
12 13'-0" LEGS NO 2 19'-6" x 10'-0" 20oz IFR CRESCENT Black 0.5 No ADC 173 WALKALONG
13 14'-0" GENERAL PURPOSE NO N/A 52'-0" N/A
14 15'-0" 3RD ELECTRIC NO N/A 52'-0" N/A
15 16'-2" REAR TRAVELER NO 2 19'-6" x 26'-0" 20oz IFR CRESCENT Black 0.5 No ADC 173 BIPARTING
16 20'-6" CYCLORAMA NO 1 19'-6" x 52'-0" IFR POLY MUSLIN White None No ADC 173 PIPE POCKET
17 22'-0" GENERAL PURPOSE NO N/A 52'-0" N/A

STANDARD ABBREVIATIONS
AFF = ABOVE FINISHED FLOOR
B/ = BOTTOM OF
BOH = BACK OF HOUSE
CL = CENTERLINE
CLR = CLEAR
CONC = CONCRETE
CWT = COUNTERWEIGHT
CXN = CONNECTION
DS = DOWNSTAGE
EL = ELEVATION
FLG = FLANGE
FLR = FLOOR
FOH = FRONT OF HOUSE
FR = FLAME RETARDANT
GA = GAUGE
GC = GENERAL CONTRACTOR
GR = GRADE
HGR = HANGER
ID = INSIDE DIAMETER
IFR = INHERENTLY FLAME RETARDANT
LGMF = LIGHT GAUGE METAL FRAMING
MAX = MAXIMUM
MIN = MINIMUM
NIC = NOT IN CONTRACT
NOM = NOMINAL
OD = OUTSIDE DIAMETER
OPP = OPPOSITE
REF = REFERENCE
SL = STAGE LEFT
SPA = SCREW PIN ANCHOR
SR = STAGE RIGHT
STL = STEEL
SUSP = SUSPENSION
T/ = TOP OF
TYP = TYPICAL
UNO = UNLESS NOTED OTHERWISE
US = UPSTAGE
AUDITORIUM & STAGE MAIN FLOOR PLAN

REMOVE EXIST CATWALK
ACCESS LADDER

PROJECT NAME
ALLEGANY COLLEGE OF MARYLAND
DR. ROBERT S. ZIMMER COLLEGE THEATRE
CUMBERLAND, MD 21502

ISSUE SHEET
0
TR-1
OF 9

REVISION HISTORY

REV
DATE
DESCRIPTION
APPROVED

-PRELIMINARY-
NOT FOR CONSTRUCTION
NOTES:
1. DEMOUNT ALL SUSPENDED ACOUSTICAL PANELS
2. REMOVE/DISPOSE ALL ACOUSTICAL PANEL SUSPENSION WIRES, CABLES & CONNECTIONS TO STRUCTURE
3. REFINISH EXIST ACOUSTIC PANELS PER SPEC
4. RE-HANG REFINISHED ACOUSTICAL PANELS WITH NEW SUSPENSIONS, AT ORIGINAL LOCATIONS AND ELEVATIONS MARKED ON TR-4

REMOVE EXIT CATWALK ACCESS LADDER
SECTION A/TR-4

1/4" = 1'-0"

ISSUE SHEET 0

TR-4 OF 9

SHEET NAME

PROJECT NAME

ACOUSTICAL PANEL ARRAY REINSTALL

ALLEGANY COLLEGE OF MARYLAND

DR. ROBERT S. ZIMMER COLLEGE THEATRE

CUMBERLAND, MD 21502

REVISION HISTORY

REV

DATE

DESCRIPTION

APPROVED

17'-11"

VERIFY EXIST AND FINAL EL @ +1'-0"

18'-11"

16"

VERIFY EXIST & FINAL EL @ +2'-0"

19'-4"

7"

VERIFY EXIST & FINAL EL @ +2'-0"

20'-5"

8"

VERIFY EXIST PANELS & REFINSISHED PANELS

2'-0"

2'-0"

1'-0"

2'-0"

2'-0"
REMOVE OVERSTAGE CATWALK TO NEAREST HANGER @ THIS LOCATION (TYP OPP HAND, FIELD VERIFY LOCATIONS), CLOSE END OF EXIST CATWALK PER SECTION A-A THIS SHEET

REMOVE EXIST CATWALK ACCESS LADDER

EXIST CMU WALL

EXIST CATWALK HANGER

AFTER DEMO OF OVERSTAGE CATWALK, INSTALL 1-1/2" SCH 40 MIDRAIL & TOP RAIL TO CLOSE OPEN END OF EXIST CATWALK (TYP OPP HAND) SUBMIT DETAILS FOR APPROVAL PRIOR TO INSTALLATION

REMOVE ALL EXIST 5/8" ROD RAILINGS @ ALL CATWALK LOCATIONS, REPLACE WITH 1-1/2" SCH 40 PIPE (TYP ALL CATWALK LOCATIONS)

CLOUD DENOTES CATWALK DEMOLITION AREA
SECTION THROUGH CATWALKS

1/4"=1'-0"

DETAL A

REMOVE EXIST CATWALK @ STAGE, COORDINATE DEMO WITH AREA SHOWN ON TR-6
EXIST OVERSTAGE CATWALK
FVK 1 CATWALK
FVK 2 CATWALK
FVK 3 CATWALK
EXIST CATWALK HGR (TYP)
EXIST ROD RAILING (TYP)
REMOVE & REPLACE PER SPEC (SEE B-B/TR-6, TYP ALL Ø5/8"

REVISION HISTORY

REV
DATE
DESCRIPTION
APPROVED

EXIST HVAC DUCT
-PRELIMINARY-
NOT FOR CONSTRUCTION

PROJECT NAME
SECTION @ CATWALK FOR DEMOLITION & REMEDIATION
ALLEGANY COLLEGE OF MARYLAND
DR. ROBERT S. ZIMMER COLLEGE THEATRE
CUMBERLAND, MD 21502

SECTION THROUGH CATWALKS

EXIST CATWALK HGR (TYP)
EXIST ROD RAILING (TYP)
PREVIOUSLY DESIGNATED HGR, REPLACE WITH TYPICAL CATWALK DETAIL

SHEET NAME
TR-6
OF 9
ISSUE SHEET

0

NOTE: SEE COVER SHEET FOR LINESET SCHEDULE
DET A IL B

1 1/2"=1'-0"

D ET A IL C

1 1/2"=1'-0"

D ET A IL D

TYP BATTEN SUSP PT

1 1/2"=1'-0"

ISSUE SHEET

0 OF 9

PROJECT NAME

ALLEGANY COLLEGE OF MARYLAND

DR. ROBERT S. ZIMMER COLLEGE THEATRE

CUMBERLAND, MD 21502

REVISION HISTORY

REV

DATE

DESCRIPTION

APPROVED

- PRELIMINARY -

NOT FOR CONSTRUCTION

VERIFY JOIST SPACING

ADJUST BATTEN LOCATIONS w/ CONSULTANT APPROVAL

P1000 RIGGING STRUT
w/ 2785 CLAMPS (TYP)

RIGGING STRUT (TYP)
BENT PL CLIP, STRUT NUT,
STRUT WASHER,
" BOLT (TYP)

MASONRY ANCHOR @ END OF STRUT
(TYP ALL STRUT-WALL LOCATIONS)

EXIST JOIST BOT CHORD (TYP)

P1000 STRUT (TYP)
"x2 FORGED MACHINERY EYEBOLT
w/ STRUT NUT, STRUT WASHER (TYP)

3 8"x6x FORGED JAW-JAW TURNBUCKLE (TYP)

NOTE: MOUSE JAW AND BODY AFTER FINAL ADJ

FINISHED LENGTH VARIES

VERIFY BATTEN TRIM AND FINAL SET ACCORDINGLY

ABUT ENDS OF STRUT SECTIONS
ONLY @ JOIST OR @ US WALL,
SUPPORT ENDS OF ALL STRUT SEGMENTS MIN 2" BEYOND U-BOLT (TYP)

EQ

EQ

FINISHED LENGTH VARIES
VERIFY BATTEN TRIM AND FINAL SET ACCORDINGLY

ABUT ENDS OF STRUT SECTIONS
ONLY @ JOIST OR @ US WALL,
SUPPORT ENDS OF ALL STRUT SEGMENTS MIN 2" BEYOND U-BOLT (TYP)
NOTE TO ROOFING CONTRACTOR AND GC:
1. ROOFING CONTRACTOR WILL TEAR OFF EXIST ROOF DOWN TO EXIST 3" TECTUM SUBSTRATE
2. COORDINATE SMOKE VENT LOCATIONS, & PENETRATIONS THROUGH EXISTING TECTUM,
3. COORDINATE SUPPLEMENTAL ROOF SUPPORT FOR EXIST TECTUM PANELS, WHERE REQ'D
4. COORDINATE SMOKE VENT FRAMING, AND INTERACTION WITH ROOF LAYERS AND OPENING

SMOKE VENTS (TYP 2 UNO)
7'-8"x1'-4"
12'-0"
5'-6"
<table>
<thead>
<tr>
<th>Group</th>
<th>Function</th>
<th>Description</th>
<th>Type Make</th>
<th>Model</th>
<th>Rating</th>
<th>OD IN &quot;</th>
<th>Type Make</th>
<th>Model</th>
<th>Rating</th>
<th>OD</th>
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<tbody>
<tr>
<td>1</td>
<td>AUDIO CABLE, MIC LEVEL</td>
<td>MANUFACTURER'S CUSTOM CABLE ASSEMBLY</td>
<td>M6</td>
<td>Belden</td>
<td>87074</td>
<td>Ø0.178</td>
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<td>AUDIO CABLE, MIC LEVEL</td>
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</tbody>
</table>

**NOT FOR CONSTRUCTION**

**AVC**

- **CONTROL CABLE**
  - AUDIO CABLE, MIC LEVEL
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- **DATA CABLE**
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- **NETWORK CABLE**
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- **VIDEO CABLE**
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**ACOUSTIC PANELS**

- **CONTROL CABLE**
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- **DATA CABLE**
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**BUILT IN FURNITURE**

- **CONTROL CABLE**
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- **NETWORK CABLE**
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- **VIDEO CABLE**
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1. Two new 12,000 lumen laser projectors will be installed on either side of the auditorium. The video desk will have accommodations for video monitors to be connected to the majority of events in the auditorium. Six handheld and two lapel microphones will be permanently mounted with room for expansion. The new desk will be custom installed countertops.

2. The Speaker system will be comprised of two line arrays. The arrays will each have four main speakers and two sub speakers. A line array will be flown from the building proscenium wall to fill in the gap of coverage in the front center seating area.

3. The lighting desk will have a large area for the lighting console with vertical screen on position. This will allow the students to view the images being used in a lecture hall.

4. The projector will be mounted with a 1.5" schedule 40 pipe that is black in color. All cabling will be fed thru the pipe to keep the installation clean. A 20 amp receptacle will be supplied by the EC to power the projector. All equipment feeding the projector will be mounted above the pipe in the ceiling as not to be seen sitting on the projector.

5. AV CONTRACTOR TO PROVIDE BLANK COVER PLATES FOR ALL WALL/ FLOOR BOXES THAT ARE NOT UTILIZED.

6. ALL AV CABLE TRAY IS 3/4" UNLESS OTHERWISE NOTED.

7. ANY LOW VOLTAGE CONTROLLERS FOR PROJECTION SCREENS REQUIRE CONDUIT PROVIDED BY ELECTRICAL CONTRACTOR FROM LOW VOLTAGE CONTROLLER TO PROJECTION SCREEN FOR POWER.

8. AV CONTRACTOR TO PROVIDE BLANK COVER PLATES FOR ALL WALL/ FLOOR BOXES THAT ARE NOT UTILIZED.

9. ALL FLOOR BOX/ POKE-THRU COVER PLATES, BOTH TEMPORARY AND PERMANENT, SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.

10. PULL BOXES SHALL NOT BE USED IN-LIEU OF CONDUIT BENDS. PULL BOXES ARE FOR STRAIGHT-THROUGH CABLE ROUTING ONLY.

11. ALL AV PLATES PROVIDED AND INSTALLED BY AUDIOVISUAL CONTRACTOR UNLESS OTHERWISE NOTED.

12. DEVICE ICONS ARE NOT SCALED. DEVICE WILL BE CENTERED WHERE THE SYMBOL IS LOCATED AT EACH FLOOR, CEILING AND WALL LOCATION.

13. ALL MOTEORIZES PROJECTOR SCREENS SHALL HAVE A NOT FOR CONSTRUCTION.

14. ALL MOTORIZED LIFTS AND PROJECTION SCREENS TO BE ON A BUILDING STANDARD POWER 20 AMP CIRCUIT SEPARATE FROM OTHER AV EQUIPMENT.

15. 40 pipe that is black in color. All cabling will be fed thru the pipe to keep the installation clean. A 20 amp receptacle will be supplied by the EC to power the projector. All equipment feeding the projector will be mounted above the pipe in the ceiling as not to be seen sitting on the projector.

16. ALL DEDICATED AV CABLE TRAY FOR AV RACKS SHALL BE PROVIDED AND INSTALLED BY AV CONTRACTOR UNLESS OTHERWISE NOTED.

17. WHERE CABLE TRAY/ LADDER IS NOT UTILIZED, MAKE CONTINUOUS RUNS FROM BOX TO BOX WITH ISOLATION FROM BUILDING SYSTEMS AS REQUIRED.

18. ALL J-HOOKS REQUIRED TO SUPPORT AV CABLE TO BE INSTALLED BY GENERAL CONTRACTOR.

19. ALL AV CONTRACT REQUIRED TO PROVIDE BLANK COVER PLATES FOR ALL WALL/ FLOOR BOXES THAT ARE NOT UTILIZED.

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ALL NETWORK CABLES SHALL BE N6AS CAT 6 A SHIELDED.
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