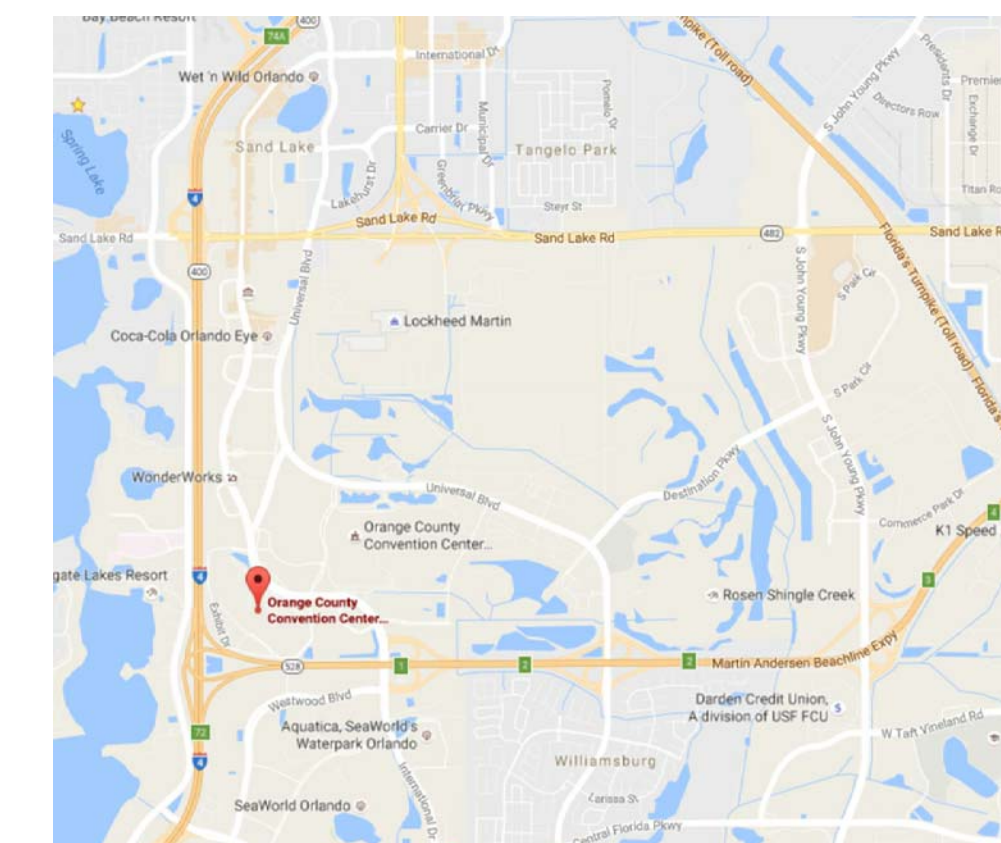




OCCC WEST BUILDING CURTAIN WALL REPLACEMENT

ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE,
ORLANDO, FL 32819



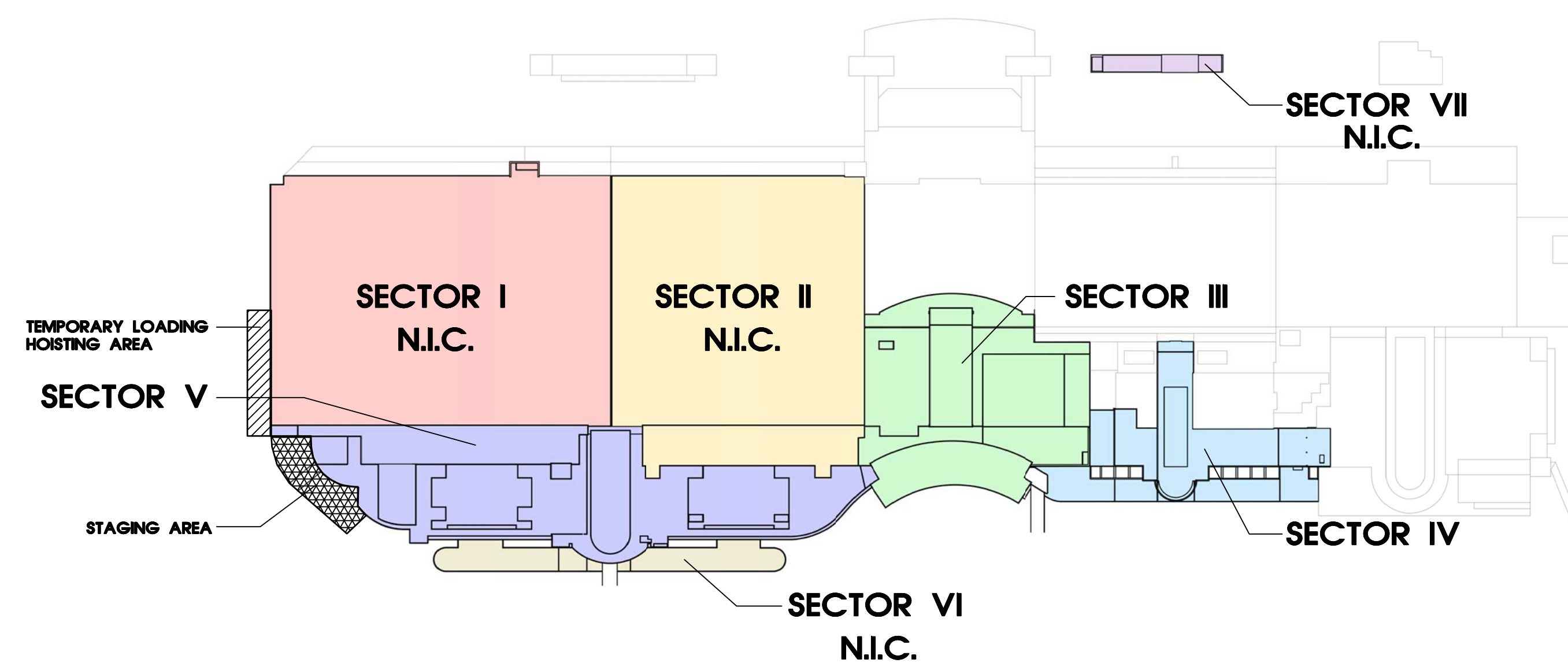
☀ SITE VICINITY MAP



BOARD OF COUNTY COMMISSIONERS

- | | |
|-------------------|------------|
| Teresa Jacobs | Mayor |
| Betsy Vanderley | District 1 |
| Bryan Nelson | District 2 |
| Pete Clarke | District 3 |
| Jennifer Thompson | District 4 |
| Emily Bonilla | District 5 |
| Victoria Siplin | District 6 |

DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
CS	COVER SHEET, SITE VICINITY MAP, SECTOR AND STAGING MAP, AND DRAWING INDEX
G01	OVERALL ROOF PLANS, GLAZING SCHEDULE AND GENERAL NOTES
D01	GLAZING DEMOLITION AT ROOFS 3/G, 5/I AND 5/K
D02	GLAZING DEMOLITION AT ROOFS 4/C, 5/I, AND 5/T
D03	GLAZING DEMOLITION AT ROOFS 5/F AND 5/G
D04	EXISTING GLAZING SYSTEMS 3.1, 3.2 & 4.1
D05	EXISTING GLAZING SYSTEMS 5.1, 5.2 AND 5.3
A01	GLAZING REPLACEMENT AT ROOFS 3/G, 5/I AND 5/K
A02	GLAZING REPLACEMENT AT ROOFS 4/C, 5/I, AND 5/T
A03	GLAZING REPLACEMENT AT ROOFS 5/F AND 5/G
A04	NEW CURTAIN WALL GLAZING SYSTEMS 3.1, 3.2 & 4.1
A05	NEW CURTAIN WALL GLAZING SYSTEMS 5.1, 5.2 AND 5.3
A06	DETAILS 2.094 THRU 2.093
A07	DETAILS 2.094 THRU 2.131
A08	DETAILS 2.132 THRU 2.321
A09	DETAILS 2.322 THRU 2.42
A10	DETAILS 2.43 THRU 2.48
A11	DETAILS 2.49 THRU 2.54
A12	DETAILS 2.55 THRU 2.60
A13	DETAILS 3.13 THRU 3.43
S00	OVERALL ROOF PLAN, WIND PRESSURES, AND GENERAL NOTES
S01	GLAZING REPLACEMENT AT ROOFS 3/G, 5/I, AND 5/K
S02	GLAZING REPLACEMENT AT ROOFS 4/C, 5/I, AND 5/T
S03	GLAZING REPLACEMENT AT ROOFS 5/F AND 5/G
S04	DETAILS I
S05	DETAILS II



SECTOR AND STAGING I.D. MAP
SCALE: NTS

A/R/C Associates Incorporated
Architecture
Roof Consulting
Construction Technology
LIC. NBR AAC000932
601 North Fern Creek Avenue
Suite 100 Orlando, FL 32803-4899
Tel. (407) 896-7875
Fax. (407) 898-8043
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JAMES W. REPLEY AR-001788
JOSEPH J. WILLIAMS AR-007984

REVISIONS		
NO.	DATE	BY:

BASE CONSULTANTS
1521662
REGISTERED PROFESSIONAL ENGINEER
1314 EAST CHANDLER STREET
ORLANDO, FLORIDA 32807
(407) 921-1127

COVER SHEET, SITE VICINITY MAP, SECTOR AND STAGING MAP, AND DRAWING INDEX

DESIGNATED REPAIRS FOR:
OCCC WEST BUILDING CURTAIN WALL REPLACEMENT
ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 1603200
DRAWN BY: TAH
CHECKED BY: JJW
DATE: 09-01-2017
SCALE: NTS
PLOT SCALE:

SHEET NO.:
1 OF 26 SHEET(S)

GENERAL ROOFING NOTES

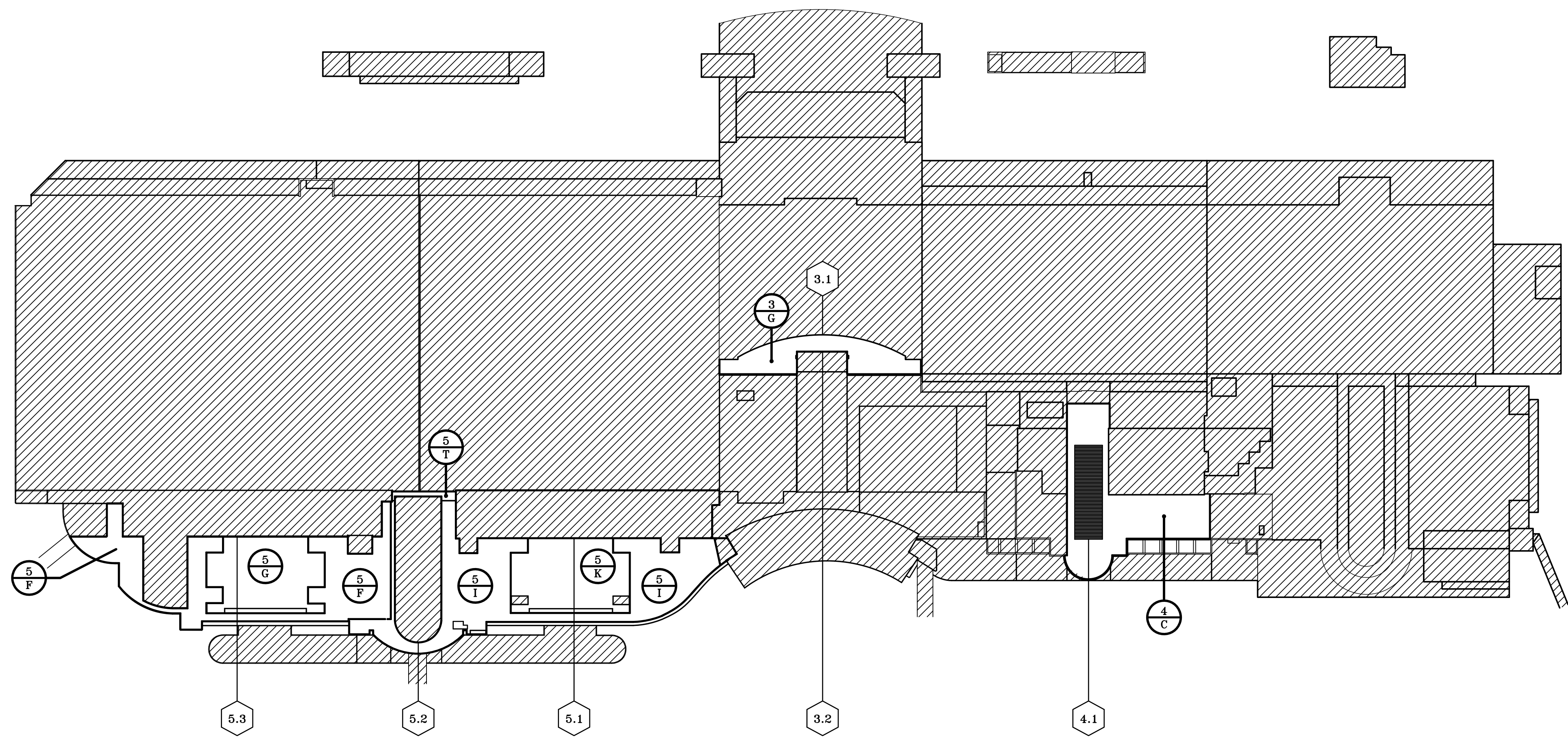
- THE DIMENSIONS SHOWN ON THE ROOF AND ELEVATION PLANS OF THIS PROJECT WERE TAKEN FROM THE OWNER'S AS-BUILT ARCHITECTURAL DOCUMENTS OR ARE THE RESULT OF FIELD MEASUREMENTS TAKEN BY A/R/C ASSOCIATES. THIS INFORMATION IS GIVEN TO ASSIST PROSPECTIVE BIDDERS IN ESTABLISHING THE SCOPE OF THE PROJECT. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY EACH BIDDER SO THAT THE DIMENSIONS UTILIZED IN BIDDING THE PROJECT WILL BE THOSE DIMENSIONS TAKEN, CONFIRMED OR CORRECTED BY THE BIDDER. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DETAILS AND SYSTEMS NOTED AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
- THE PLANS ARE GENERAL IN NATURE AND INDICATE APPROXIMATE EXISTING CONDITIONS AT THE PROJECT SITE. ALL BUILDINGS ON THE SITE ARE INCLUDED IN THE PROJECT UNLESS SPECIFICALLY NOTED OTHERWISE (N.C.). THE CONTRACTOR SHALL BE RESPONSIBLE FOR A VISUAL FIELD SURVEY (PRIOR TO BID) IN REGARD TO QUANTITIES AND VERIFICATION OF GENERAL CONFORMANCE WITH THE 2014 FLORIDA BUILDING CODE (5TH EDITION).
- PRIOR TO THE START OF ANY WORK, THE CONTRACTOR WITH THE PROJECT ARCHITECT AND OWNER'S REPRESENTATIVE SHALL VISIT THE SITE AND VIDEO TAPE GLAZING AND ALL OTHER SPACES THAT MAY BE AFFECTED BY THIS GLAZING PROJECT IN ORDER TO DETERMINE THE CONTRACTOR'S RESPONSIBILITY IN KEEPING THOSE ITEMS IN THEIR CURRENT STATUS. SPECIAL ATTENTION SHALL BE GIVEN TO CEILING TILES, EXISTING LIGHT FIXTURES, EXTERIOR AND INTERIOR WALL FINISHES, AND CONCOURSE FLOORING, ETC. PARTICULARLY IN THOSE AREAS WHERE EXISTING LEAKS ARE PRESENT, BELOW WINDOW SILLS AND SPECIAL CONDITIONS.
- CONTRACTOR SHALL EXERCISE CARE DURING DEMOLITION AND REMOVAL TO ASSURE THAT ITEMS SCHEDULED FOR DEMOLITION ARE PROPERLY REMOVED AND ITEMS TO REMAIN ARE PROTECTED FROM DAMAGE. ALL SALVAGEABLE ITEMS REMOVED THAT ARE NOT TO BE REUSED SHALL BE DISPOSED IN A LEGAL MANNER.
- CONTRACTOR SHALL CAREFULLY EXECUTE ALL WORK TO AVOID ANY UNNECESSARY DAMAGE AND CARRY OUT ALL DEMOLITION AND REPAIRS REQUIRED TO MEET THE INTENT OF THE DRAWINGS AND TECHNICAL SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE SECURITY BARRIERS ACCORDING TO THE PROJECT MANUAL AND/OR AS REQUIRED IN CONSTRUCTION PHASING SCHEME DEVELOPED BY CONTRACTOR AND AS AGREED WITH ARCHITECT AND OWNER PRIOR TO COMMENCING WORK. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE COMPLIANCE WITH ALL PERTINENT LOCAL, STATE, AND FEDERAL REGULATIONS GOVERNING THIS WORK.
- CONTRACTOR SHALL PROVIDE ALL REQUIRED BARRIERS TO PROTECT EXISTING ROOFING, WALL, SYSTEMS AND INTERIOR OF BUILDING FROM WEATHER ELEMENTS AND CONSTRUCTION MATERIALS.
- IN THE EVENT OF WATER DAMAGE TO THE INTERIOR OF STRUCTURES, A DAMAGE REPORT WITH PHOTOGRAPHS SHALL BE COMPLETED BY THE PROJECT ARCHITECT. THE REPORT SHALL BE SUBMITTED TO THE OWNER AND THE CONTRACTOR FOR THEIR RECORDS.
- NOTIFY THE LOCAL POLICE OFFICIALS, THE OWNER OR ARCHITECT BY TELEPHONE IN EACH INSTANCE OF PROPERTY DAMAGE RESULTING FROM FIRE, WATER DAMAGE, ILLEGAL ENTRY, VANDALISM, THEFT OR BURGLARY, OR VEHICLE DAMAGE THAT OCCURS ON SITE WITHIN 24 HOURS OF DISCOVERING THE INCIDENT.
- THE EXISTING FACILITY SHALL BE OCCUPIED DURING REMODELING OR RENOVATION. ALL EXISTING EXITS AND ANY EXISTING FIRE PROTECTION SYSTEMS ARE TO BE CONTINUOUSLY MAINTAINED, OR IN LIEU THEREOF OTHER MEASURES ARE TAKEN WHICH PROVIDE EQUIVALENT SAFETY, AND AUTHORIZED BY THE OWNER.
- ANY UNANTICIPATED CONDITIONS BENEATH THE EXISTING GLAZING ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING FOR PROPER COORDINATION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR COORDINATION OF PLACEMENT OF NEW SCREW ANCHORS AND OTHER SIMILAR FASTENERS. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS OF RESTORATION OF SERVICE ASSOCIATED WITH THE REPAIR OF UTILITIES, CONDUITS, WIRING, ETC. THAT MAY BE DAMAGED AS A RESULT OF THIS WORK.
- CONTRACTOR SHALL NOT USE ANY HEAVY DESTRUCTIVE MACHINERY ON THE ROOF (BOBCATS, ETC.)
- DETAILS REFERENCED ON THE CONTRACT DRAWINGS ARE 'TYPICAL' AND MAY NOT CUT AT EVERY LOCATION WHERE THE CONDITION OCCURS. BID AND EXECUTE A COMPLETE PROJECT AS IF DETAILS WERE 'CUT' AT EVERY LOCATION UNLESS OTHERWISE NOTED BY A TRANSITION OR NEW DETAIL REFERENCE.
- SHEET METAL DETAILS AND TRANSITIONS NOT SHOWN SHALL BE REQUIRED AS IF SHOWN. PREPARE, AND SUBMIT SHOP DRAWINGS OF THESE REQUIREMENTS TO THE ARCHITECT FOR APPROVAL PRIOR TO SHOP FABRICATION.
- CONTRACTOR SHALL PROVIDE ALL SUPPLEMENTAL MATERIALS REQUIRED TO PROPERLY INSTALL, SUPPORT AND BRACE ALL ITEMS AND COMPONENTS WITHIN THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY MISCELLANEOUS MATERIALS FOR COMPLETE AND FINISHED INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND PAINTING / FINISHING OF ALL SURFACES EXPOSED OR DAMAGED AS A RESULT OF NEW GLAZING INSTALLATION. WORK NOT COVERED BY NEWLY INSTALLED WORK. REPAIRS AND FINISHES SHALL MATCH EXISTING ADJACENT CONDITIONS TO REMAIN UNCHANGED.
- CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE, REINSTALL, OR REPLACE ALL CEILING PANELS AND/OR CEILING GRIDS OR DRYWALL CEILING WHICH MAY HAVE BEEN DISTURBED OR DAMAGED IN THE CONSTRUCTION PROCESS.
- PLYWOOD SHEATHING AND BLOCKING IN THE KNEE WALL HEADER OR JAMB CONSTRUCTION SHALL BE FIRE-RETARDANT-TREATED WOOD IN ACCORDANCE WITH 2014 FLORIDA BUILDING CODE, 609.3.
- CONTRACTOR IS RESPONSIBLE FIELD VERIFY ALL GLAZING COMPONENTS DIMENSIONS PRIOR TO ORDERING METALS OR INSTALLING.

MASTER SYMBOLS LEGEND

- NEW OVERFLOW SCUPPER
- ROOF DRAIN W/ SUMP
- OVERFLOW DRAIN
- LIGHTNING PROTECTION DOWN LEAD
- SANITARY VENT
- PIPE PENETRATION
- POWER VENT
- GRAVITY VENT
- HOT STACK
- HYDRANT
- WALKPAD
- ROOF HATCH
- LADDER
- WINDOW PANE IDENTIFICATION
- WINDOW SYSTEM IDENTIFICATION
- SPECIFIC NOTE
- GOOSENECK
- SMOKE RELIEF VENT
- SKYLIGHT
- ROOF AREA IDENTIFICATION
- DETAIL NUMBER
- DEMO NOTE

GLAZING SYSTEM SCHEDULE

SYSTEM	TOTAL ELEVATION S.F.		ROOF AREA LOCATION	EXISTING SYSTEM		PROPOSED SYSTEM		PROPOSED SYSTEM SIZES	
	EXIST.	NEW		SYSTEM TYPE	MATERIALS	SYSTEM TYPE	MATERIALS	MULLION WIDTH	FRAME DEPTH
3.1	2,410	2,010							
3.1A	198	165	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.1B	261	218	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.1C	253	211	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.1D	179	149	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.1E	314	262	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.1F	314	262	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.1G	179	149	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.1H	253	211	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.1I	261	218	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.1J	198	165	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
3.2	323	211							
3.2A	323	211	3/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1	2,872	2,331							
4.1A	108	70	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1B	108	70	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1C	108	70	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1D	79	52	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1E	108	70	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1F	108	70	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1G	811	751	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1H	108	76	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1I	79	76	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1J	108	52	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1K	108	71	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1L	108	70	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1M	811	70	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
4.1N	108	751	4/C	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.1	3,446	2,798							
5.1A	371	331	5/I	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.1B	371	331	5/I	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.1C	371	331	5/I	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.1D	244	203	5/K	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.1E	244	203	5/K	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.1F	244	203	5/K	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.1G	244	203	5/K	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.1H	244	203	5/K	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.1I	371	331	5/I	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.1J	371	331	5/I	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.1K	371	331	5/I	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.2	5,300	4,385							
5.2A	2,000	1,674	5/I	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.2B	956	800	5/I	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.2C	2,000	1,674	5/I	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.2D	344	231	5/T	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.3	5,620	4,456							
5.3A	249	208	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3B	249	208	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3C	121	86	5/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.3D	121	86	5/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.3E	121	86	5/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.3F	121	86	5/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.3G	121	86	5/G	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	6"
5.3H	249	208	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3I	249	208	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3J	249	83	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3K	1167	516	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3L	632	521	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3M	1,064	890	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3N	119	100	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3O	249	208	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3P	111	93	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
5.3Q	379	311	5/F	CURTAINWALL	ANODIZED BRONZE ALUM.	CURTAINWALL	ANODIZED BRONZE ALUM.	2 1/2"	8 1/2"
TOTAL 9F	EXIST: 19,952	NEW: 16,751							



OVERALL SITE PLAN
SCALE: 1/16" = 1'-0"

OVERALL ROOF PLANS, GLAZING SCHEDULE AND GENERAL NOTES

DESIGNATED REPAIRS FOR:

OCCC WEST BUILDING CURTAIN WALL REPLACEMENT
ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 16032.00
DRAWN BY: TAH
CHECKED BY: JJW
DATE: 09-01-2017
SCALE: NTS
PLOT SCALE:

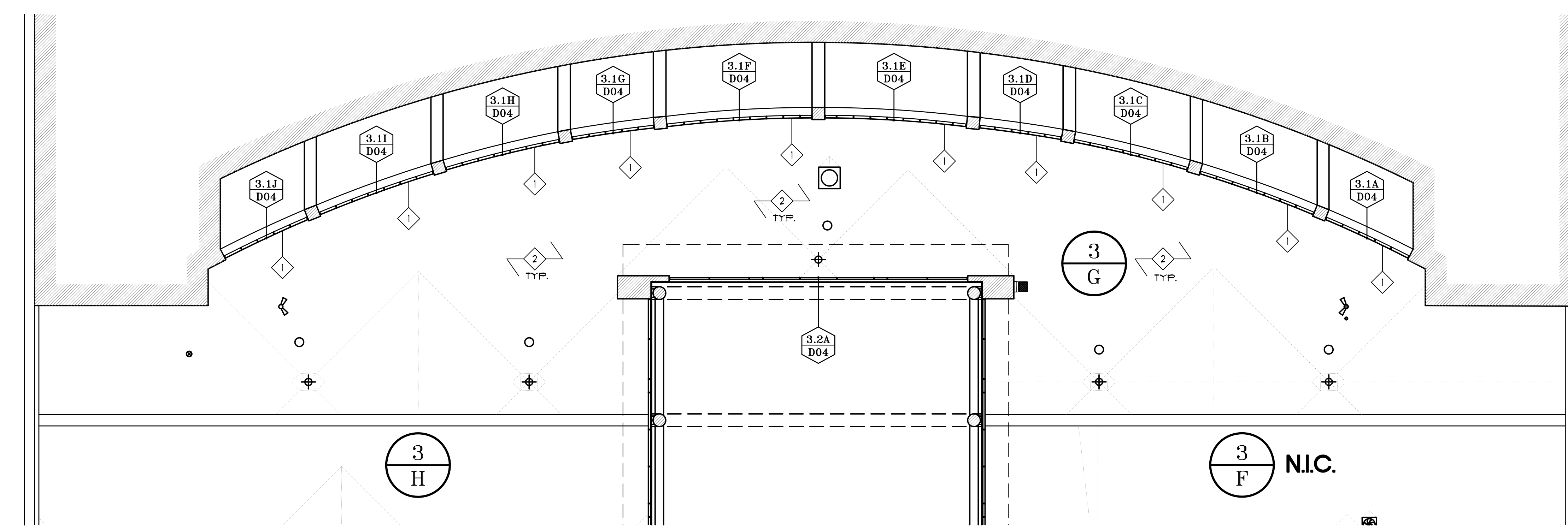
G01
SHEET NO.:
2 OF 28 SHEET(S)

JAMES W. REPLEY AR-0017780
JOSEPH J. WILLIAMS AR-0077964

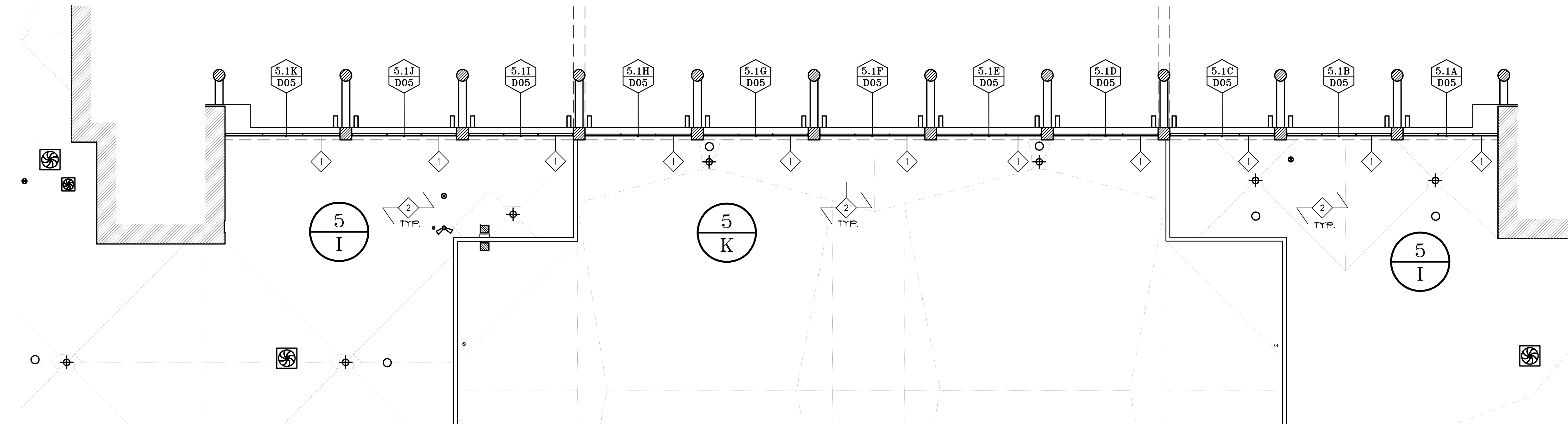
REVISIONS
NO. DATE BY:

BASE CONSULTANTS
CONSULTANTS
1521662
UNIVERSITY OF AUTHORITY INTERNATIONAL
LAUREN BARNERCHI/PTA, P.E. No. 10077
1714 EAST CHANDLER STREET
ORLANDO, FL 32809

A/R/C Associates Incorporated
Architecture
Roof Consulting
Construction Technology
LIC. NBR AAC00932
601 North Fern Creek Avenue
Suite 100 Orlando, FL
32805-4899
Tel. (407) 898-7875
Fax. (407) 898-8043
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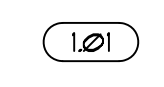
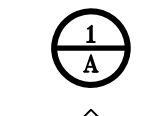
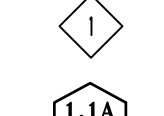



D01.1 GLAZING DEMOLITION FOR SYSTEMS 3.1 AND 3.2 AT ROOF 3/G
 SCALE: 1/16" = 1'-0"

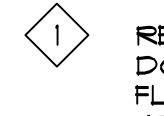
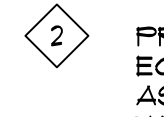


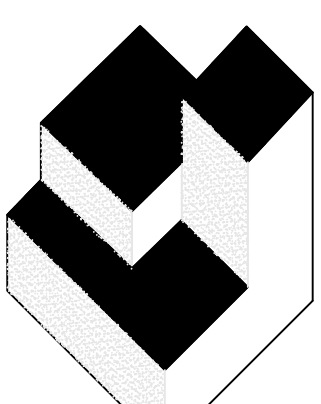
D01.2 GLAZING DEMOLITION FOR SYSTEM 5.1 AT ROOFS 5/I AND 5/K
 SCALE: 1/16" = 1'-0"

SYMBOLS LEGEND

-  DETAIL NUMBER
-  ROOF AREA IDENTIFICATION
-  SPECIFIC NOTE
-  WINDOW IDENTIFICATION

SPECIFIC NOTES

-  REMOVE EXISTING GLAZING SYSTEM DOWN TO SUBSTRATE, REMOVE ALL FLASHINGS, GILLS, SCREW ATTACHMENTS, AND SEALANTS
-  PROTECT ALL ROOFING, ROOFTOP EQUIPMENT AND PENETRATIONS AS SPECIFIED, COORDINATE WITH N.I.C. RE-ROOF SCOPE OF WORK. PRIOR TO ANY WORK COMMENCING IN THESE AREAS



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 Architecture
 Roof Consulting
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 LIC. NBR. AAC000932
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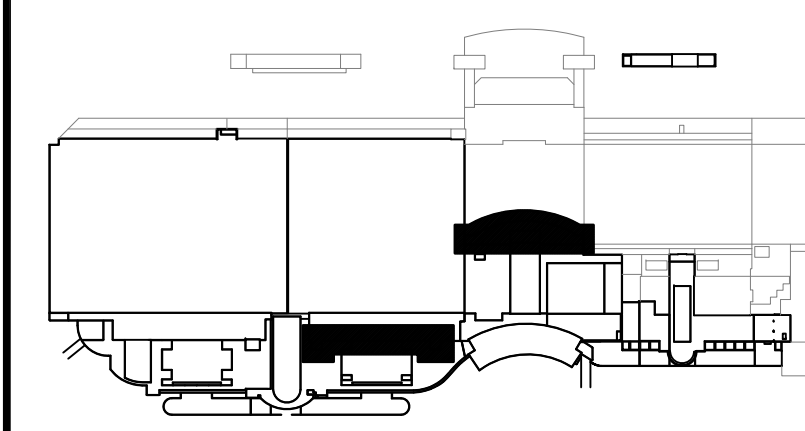
JAMES W. REPLEY AR-0018758
 JOSEPH J. WILLIAMS AR-0079564

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 1014 EAST CONCORD STREET
 ORLANDO, FL 32817
 P. 407.321.7227

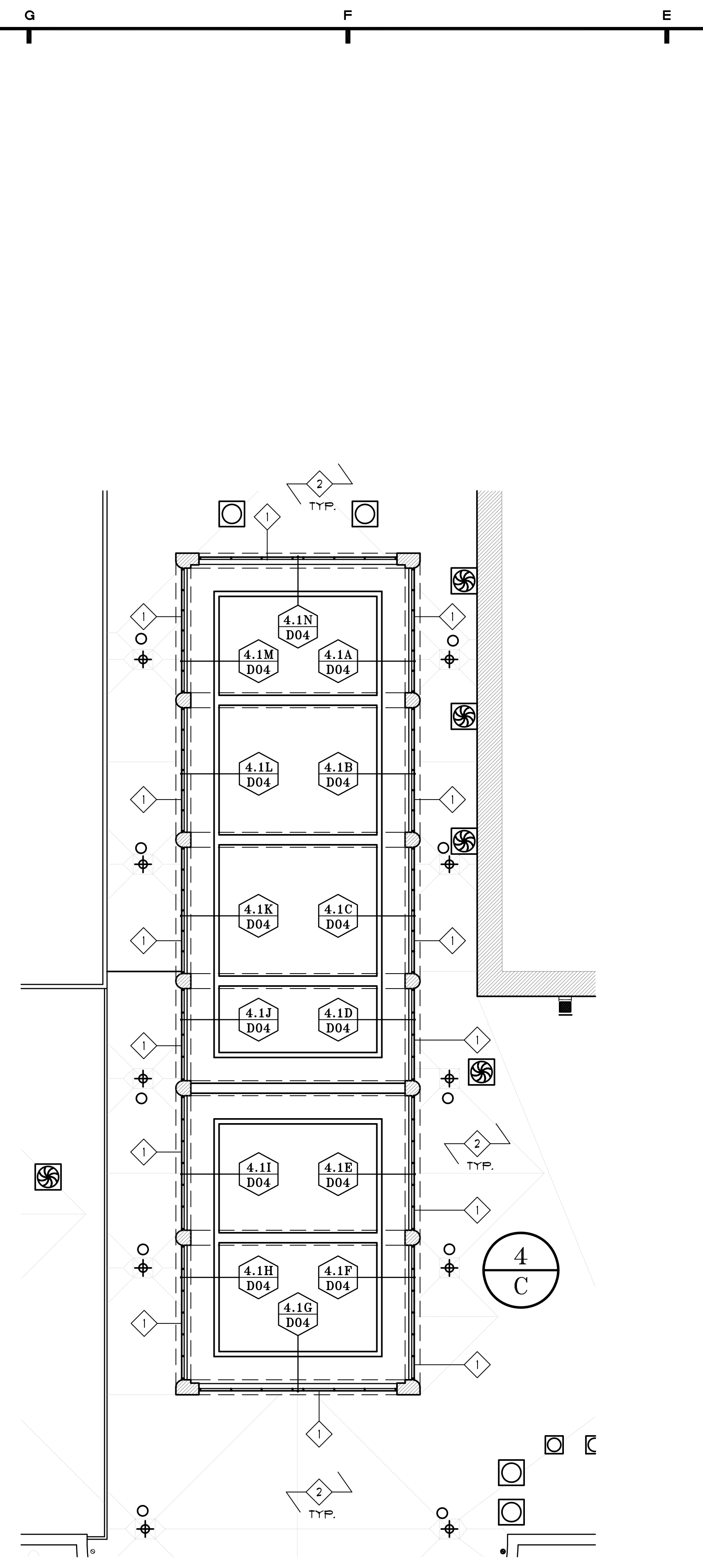
DESIGNATED REPAIRS FOR:
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 ORANGE COUNTY CONVENTION CENTER
 9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819



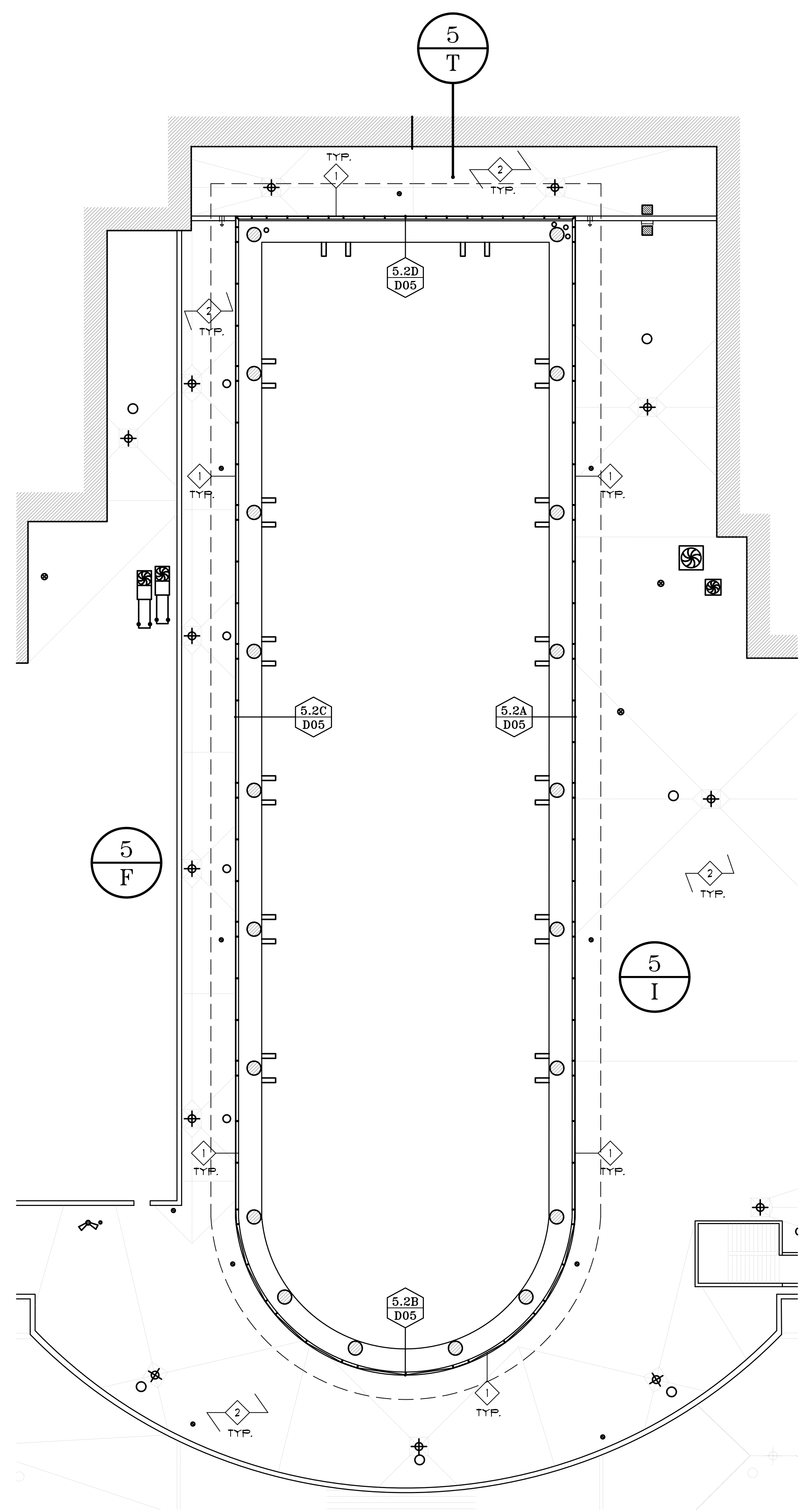
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JOB NO.: 1603200
 DRAWN BY: TAH
 CHECKED BY: JMW
 DATE: 09-01-2017
 SCALE: NTS
 PLOT SCALE:

D01
 SHEET NO.:
 3 OF 26 SHEET(S)



**D02.1 GLAZING DEMOLITION
FOR SYSTEM 4.1 AT ROOF 4/C**
SCALE: 1/16" = 1'-0"



**D02.2 GLAZING DEMOLITION FOR
SYSTEM 5.2 AT ROOFS 5/I AND 5/T**
SCALE: 1/16" = 1'-0"

SYMBOLS LEGEND

	DETAIL NUMBER
	ROOF AREA IDENTIFICATION
	SPECIFIC NOTE
	WINDOW IDENTIFICATION

- SPECIFIC NOTES**
- 1 REMOVE EXISTING GLAZING SYSTEM DOWN TO SUBSTRATE. REMOVE ALL FLASHINGS, BILLS, SCREW ATTACHMENTS, AND SEALANTS
 - 2 PROTECT ALL ROOFING, ROOFTOP EQUIPMENT AND PENETRATIONS AS SPECIFIED. COORDINATE WITH N.I.C. RE-ROOF SCOPE OF WORK. PRIOR TO ANY WORK COMMENCING IN THESE AREAS

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Construction Technology
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Suite 100 Orlando, FL
32803-4899
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Engineering & Construction
152160
REGISTRARS OF AUTHORITY No. 27543
LAURA BAMBROSCUZZA, P.E. No. 74027
101 EAST CONCORD STREET
ORLANDO, FL 32803
P. 407.277.2227

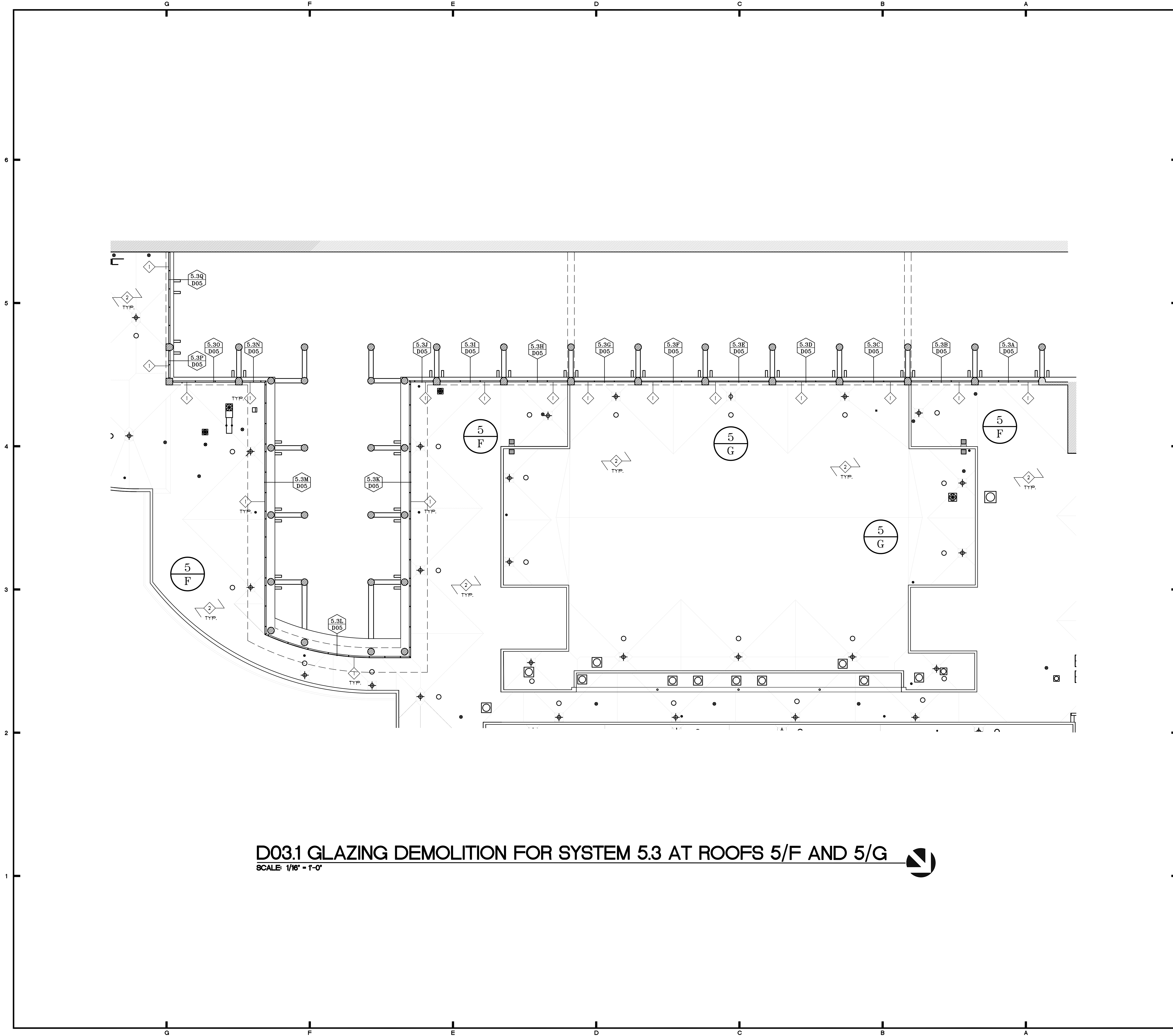
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KEY PLAN
SCALE: NTS

D02
SHEET NO.:
4 OF 26 SHEET(S)

GLAZING DEMOLITION AT ROOFS 4/C, 5/I, AND 5/T



D03.1 GLAZING DEMOLITION FOR SYSTEM 5.3 AT ROOFS 5/F AND 5/G

SCALE: 1/16" = 1'-0"

SYMBOLS LEGEND

	DETAIL NUMBER
	ROOF AREA IDENTIFICATION
	SPECIFIC NOTE
	WINDOW IDENTIFICATION

SPECIFIC NOTES

1 REMOVE EXISTING GLAZING SYSTEM DOWN TO SUBSTRATE. REMOVE ALL FLASHINGS, SILLS, SCREW ATTACHMENTS, AND SEALANTS

2 PROTECT ALL ROOFING, ROOFTOP EQUIPMENT AND PENETRATIONS AS SPECIFIED. COORDINATE WITH N.I.C. RE-ROOF SCOPE OF WORK. PRIOR TO ANY WORK COMMENCING IN THESE AREAS

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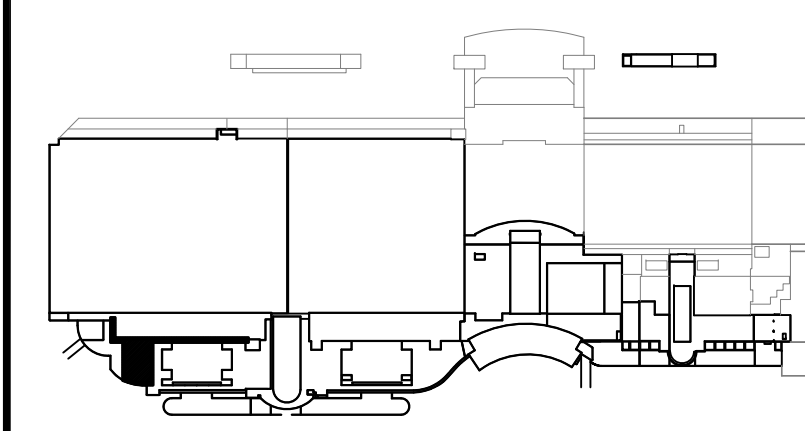
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 JOSEPH J. WILLIAMS AR-0079694

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 ENGINEERING & ARCHITECTURE
 152160
 CERTIFICATE OF AUTHORIZATION NO. 27543
 LAURA BARBERO-BUFFA, P.E., No. 74027
 101 EAST CONCORD STREET
 ORLANDO, FL 32817
 P. 407.277.2227

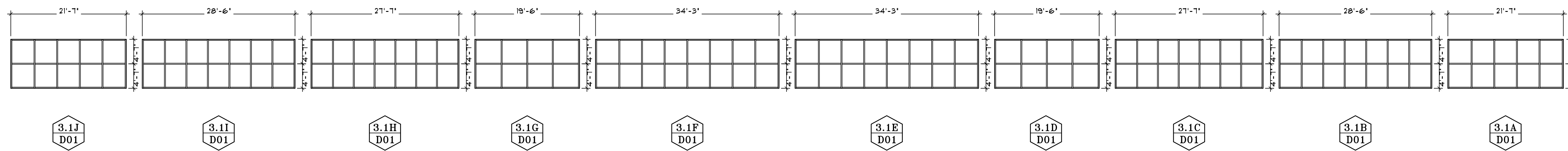
GLAZING DEMOLITION AT ROOFS 5/F AND 5/G
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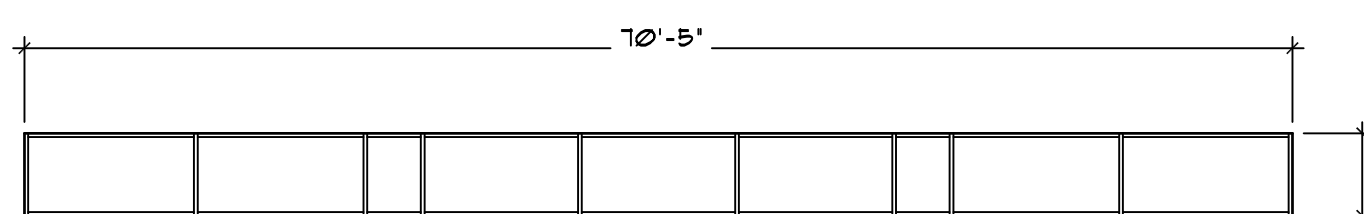
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JOB No.: 1603200
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 DATE: 09-01-2017
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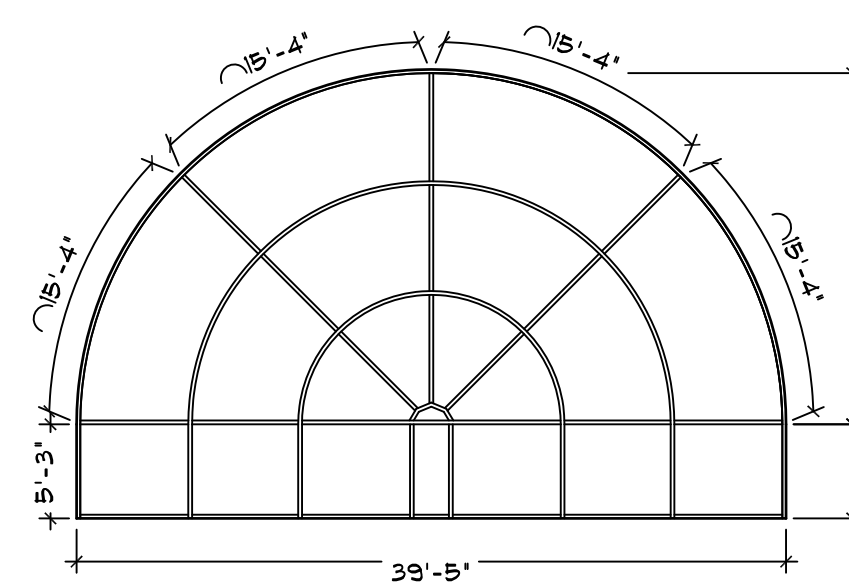
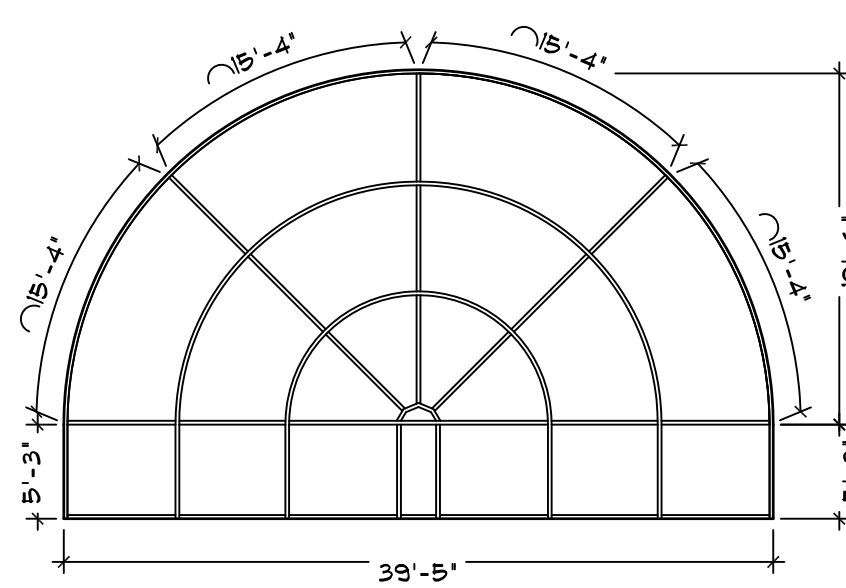
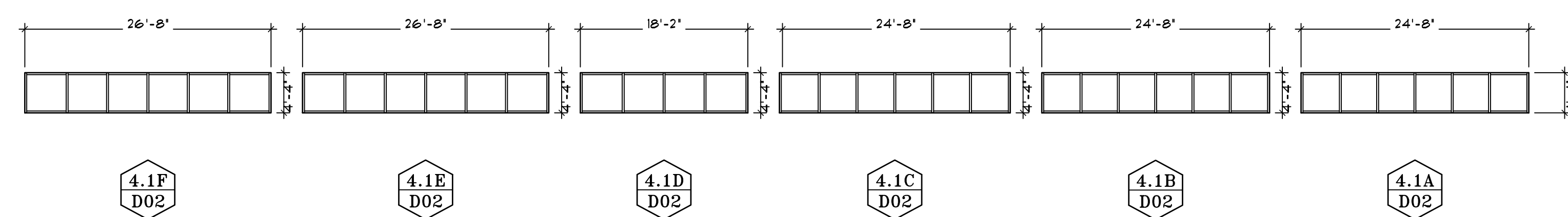
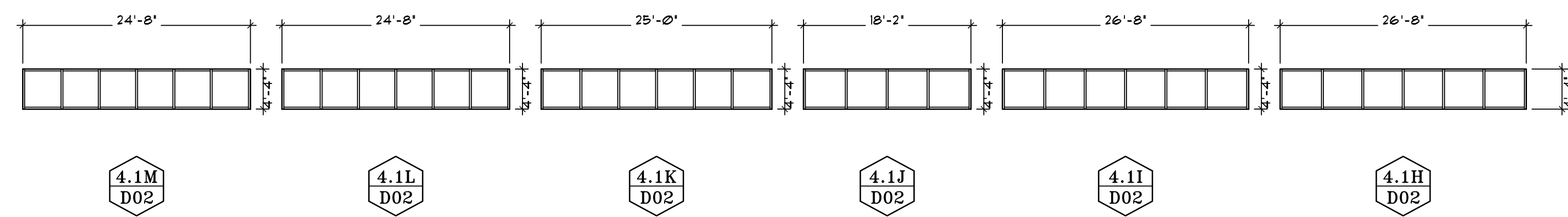
D03
 SHEET No.:
 5 OF 26 SHEET(S)



D04.1 EXISTING CURTAIN WALL SYSTEM 3.1
SCALE: 3/32" = 1'-0"



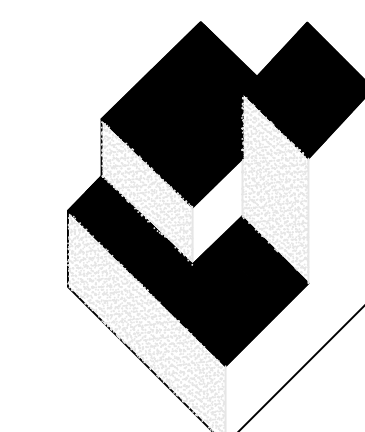
D04.2 EXISTING CURTAIN WALL SYSTEM 3.2
SCALE: 3/32" = 1'-0"



SYMBOLS LEGEND

- WINDOW SYSTEM IDENTIFICATION
- WINDOW PANE IDENTIFICATION

D04.3 EXISTING CURTAIN WALL SYSTEM 4.1
SCALE: 3/32" = 1'-0"



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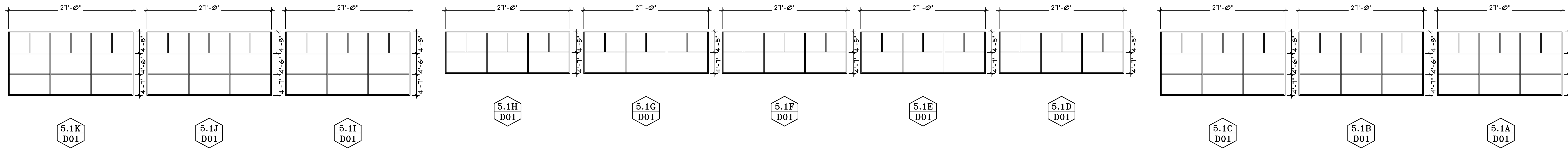


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ORLANDO, FL 32817

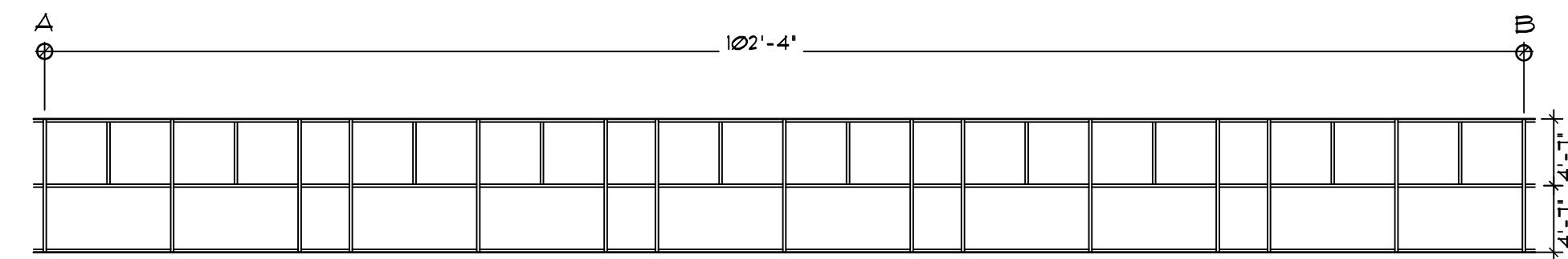
EXISTING GLAZING SYSTEMS 3.1, 3.2 AND 4.1
 DESIGNATED REPAIRS FOR
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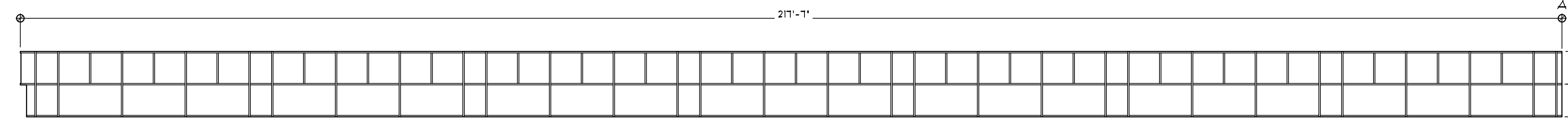
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SHEET NO.:
6 OF 28 SHEET(S)



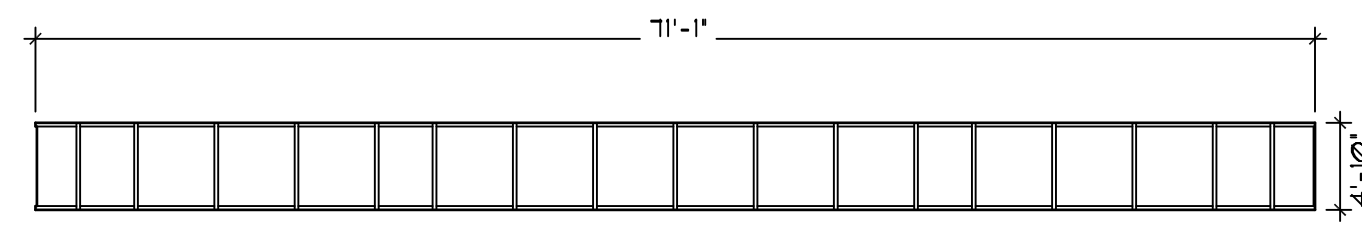
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SCALE: 3/32" = 1'-0"



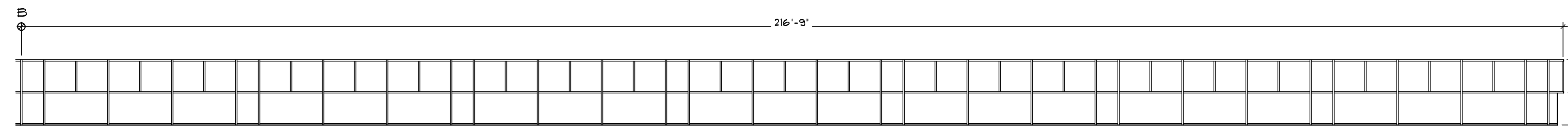
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D02



5.2A
D02

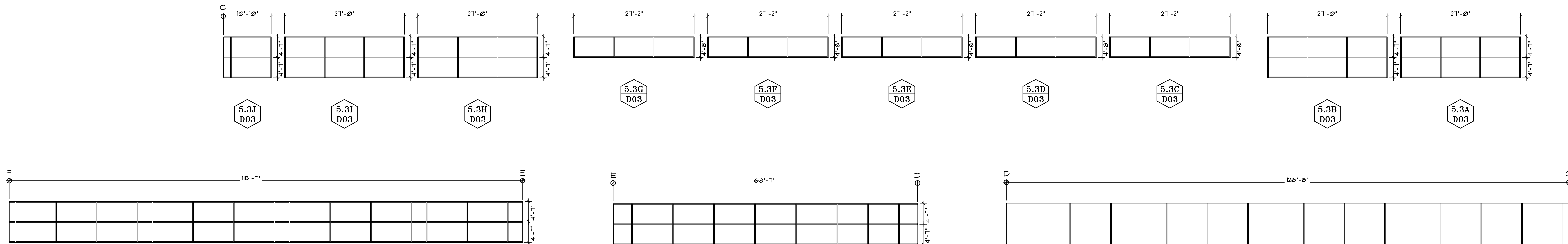


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D02



5.2C
D02

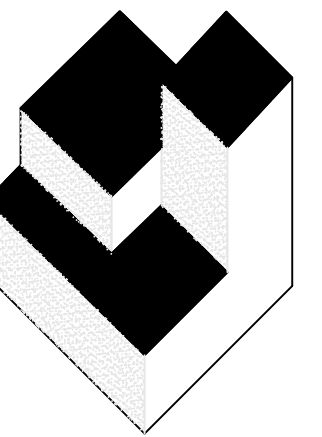
D05.2 EXISTING CURTAIN WALL SYSTEM 5.2
SCALE: 3/32" = 1'-0"



SYMBOLS LEGEND

- WINDOW SYSTEM IDENTIFICATION
- WINDOW PANE IDENTIFICATION

D05.3 EXISTING CURTAIN WALL SYSTEM 5.3
SCALE: 3/32" = 1'-0"



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Roof Consulting
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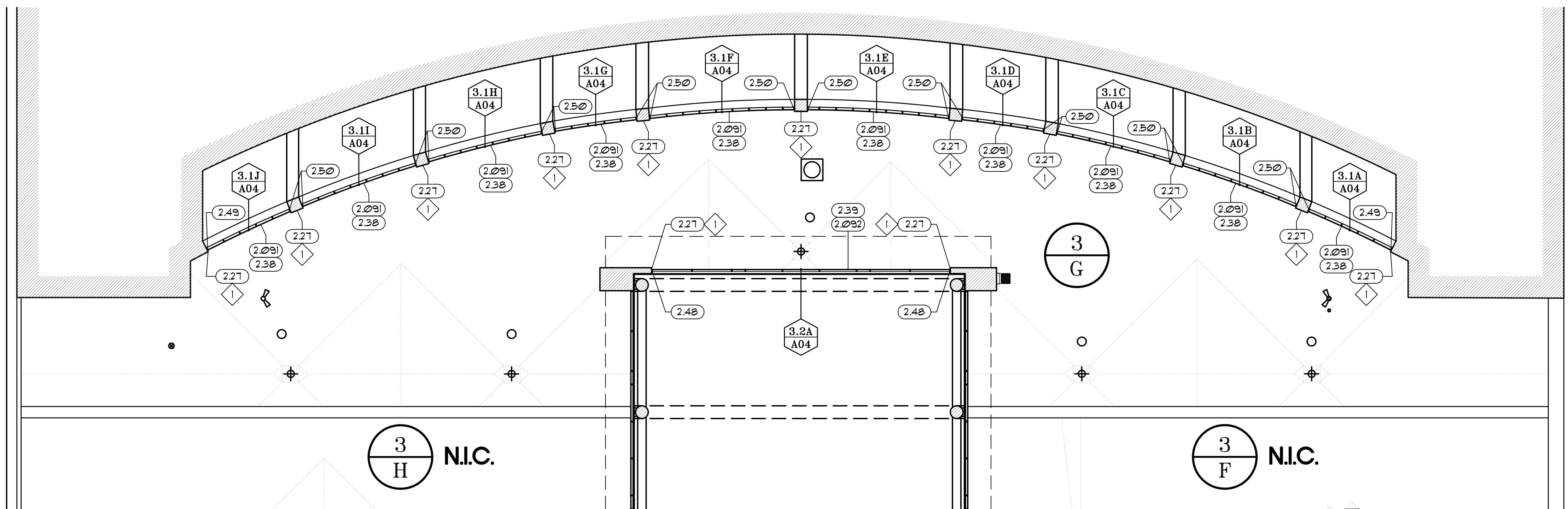
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1521662
CORPORATE OF ARCHITECTURE, P.L.L.C.
LAURA BARBEROBUZZA, P.E. No. 10027
1314 EAST COLUMBIA STREET
ORLANDO, FL 32807
(407) 851-3333

EXISTING GLAZING SYSTEMS 5.1, 5.2 AND 5.3
 DESIGNATED REPAIRS FOR
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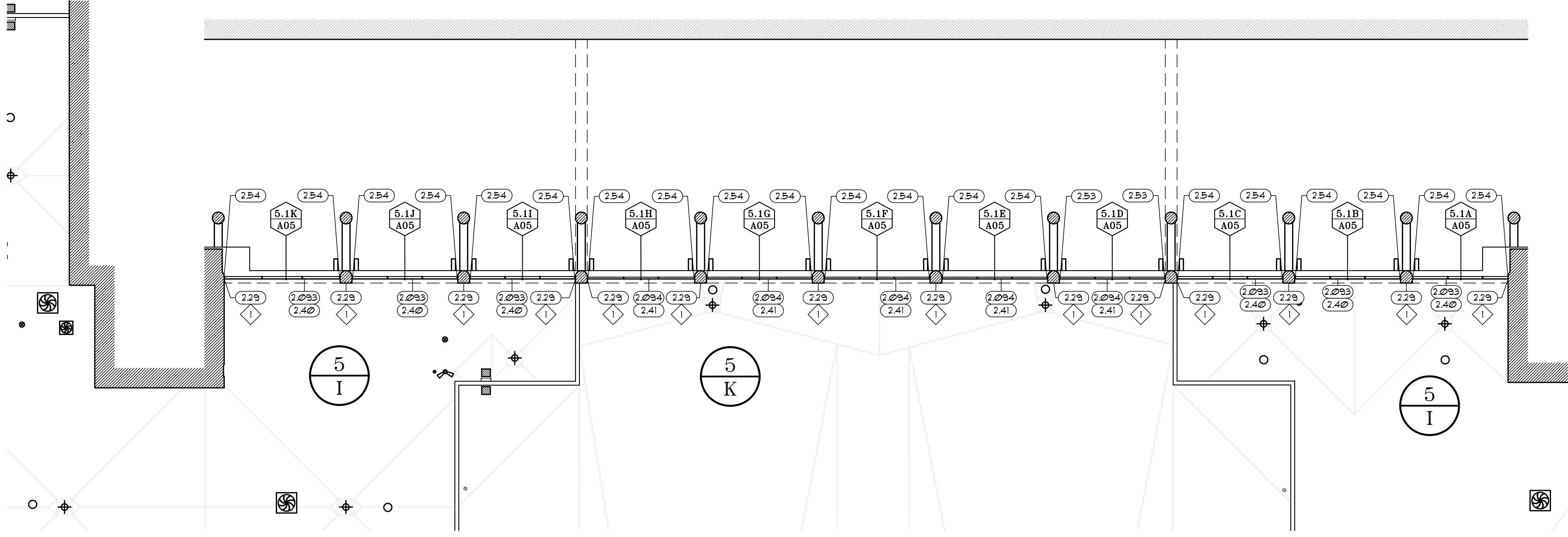
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CHECKED BY: JJW
DATE: 09-01-2017
SCALE: NTS
PLOT SCALE:

D05

SHEET NO.:
7 OF 28 SHEET(S)



A01.1 GLAZING REPLACEMENT FOR SYSTEMS 3.1 AND 3.2 AT ROOF 3/G
 SCALE: 1/16" = 1'-0"



A01.2 GLAZING REPLACEMENT FOR SYSTEM 5.1 AT ROOFS 5/I AND 5/K
 SCALE: 1/16" = 1'-0"

SYMBOLS LEGEND

	DETAIL NUMBER
	ROOF AREA IDENTIFICATION
	SPECIFIC NOTE
	WINDOW IDENTIFICATION

SPECIFIC NOTES

CORNER FLASHING INSTALLATION DIRECTLY CORRELATES WITH A BASE FLASHING DETAIL FROM N.I.C. RE-ROOFING SCOPE OF WORK. COORDINATE WITH INSTALLATION

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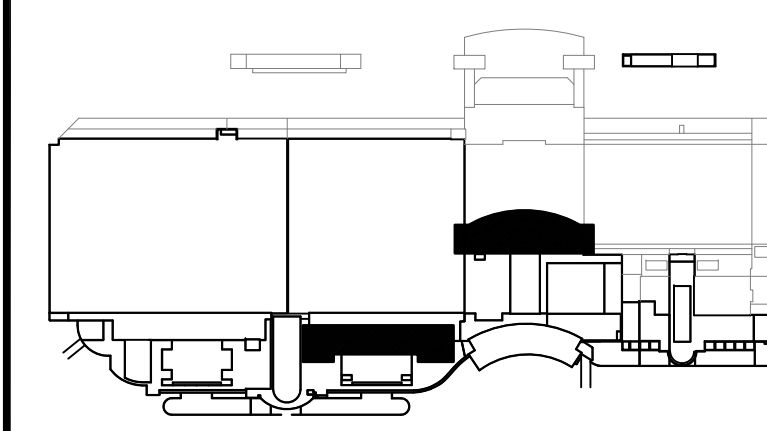
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 STATE OF AUTHORIZATION No. 27543
 LAURA BARBERO-BUYTA, P.E., No. 74027
 1014 EAST CONCORD STREET
 ORLANDO, FL 32817
 P. 407.227.2227

DETAIL SHEET INDEX

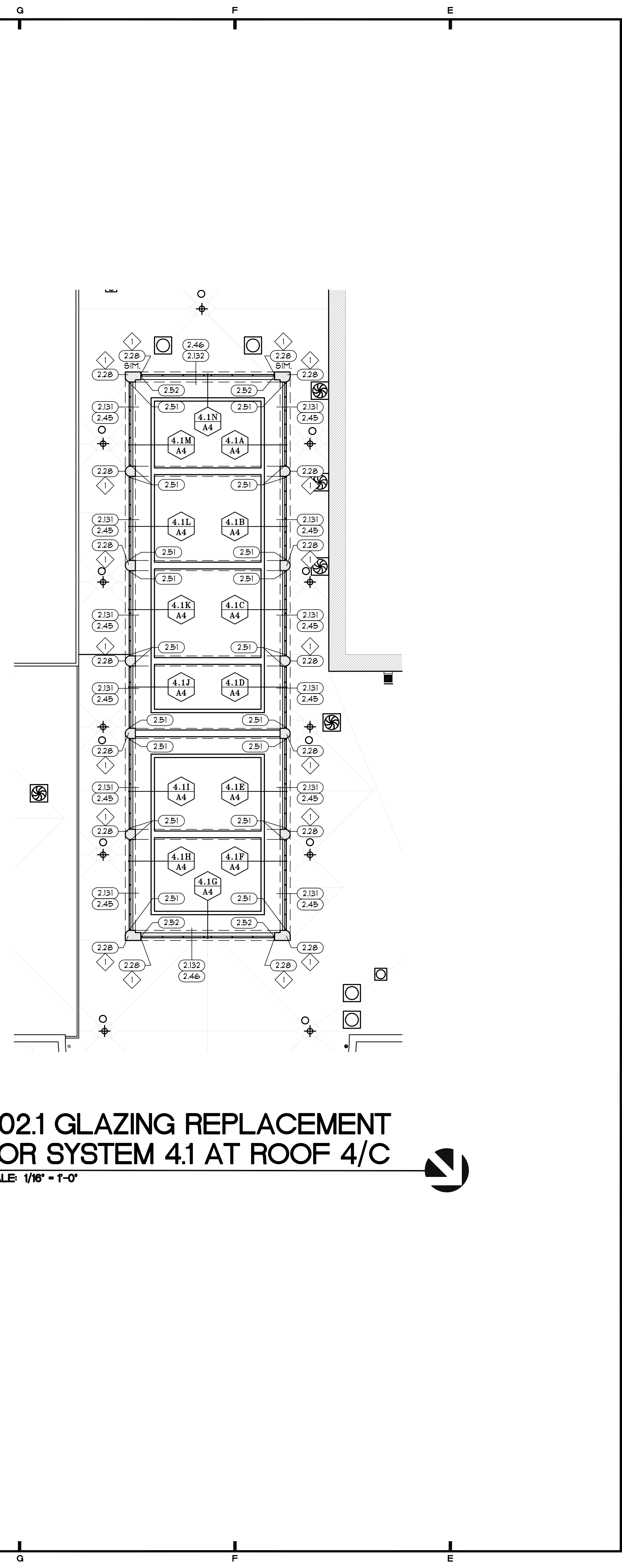
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A07	DETAILS 2.09.4 THRU 2.131
A08	DETAILS 2.132 THRU 2.321
A09	DETAILS 2.322 THRU 2.42
A10	DETAILS 2.43 THRU 2.48



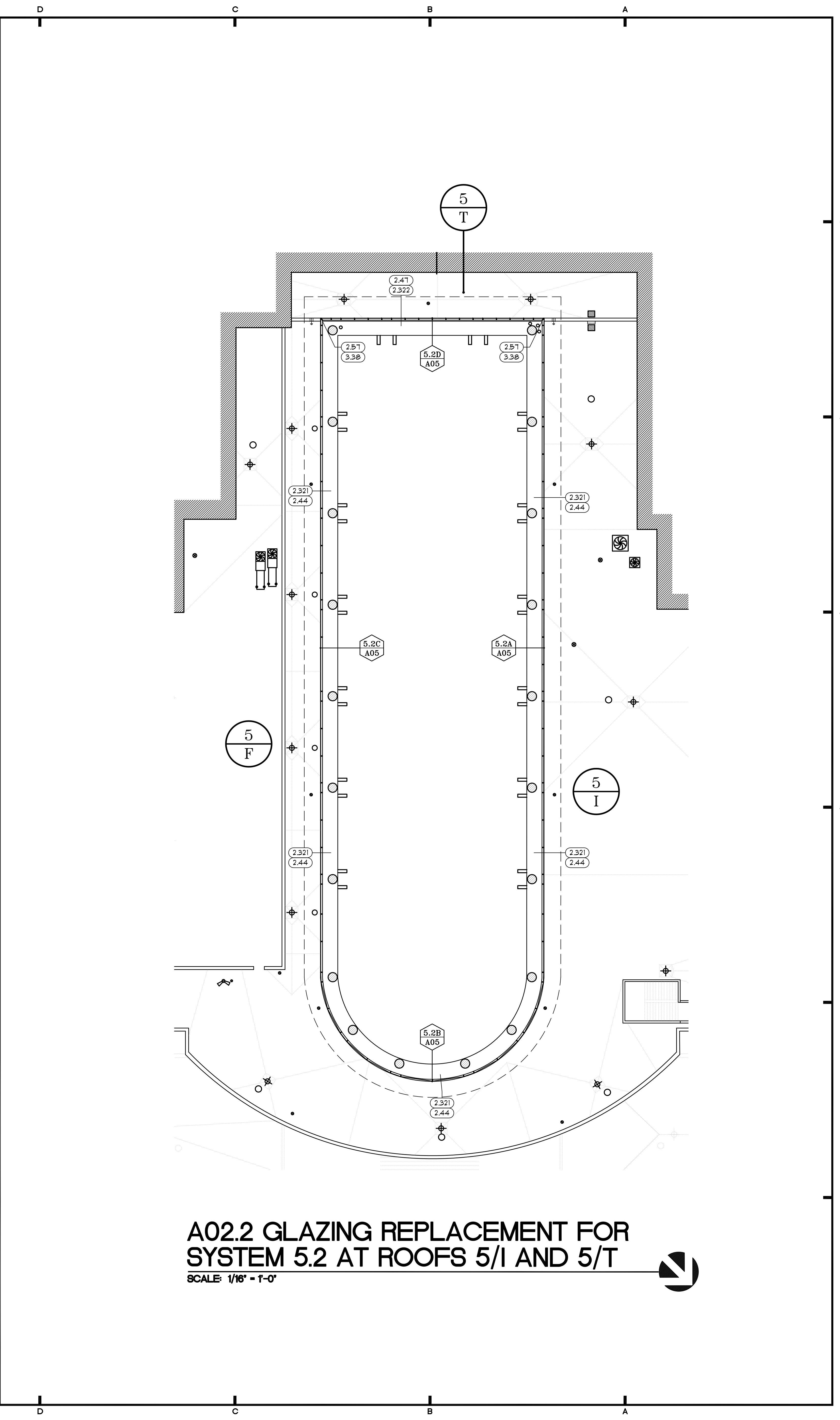
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 SCALE: NTS
 PLOT SCALE:

A01
 SHEET NO.:
 8 OF 26 SHEET(S)



A02.1 GLAZING REPLACEMENT FOR SYSTEM 4.1 AT ROOF 4/C
 SCALE: 1/16" = 1'-0"



A02.2 GLAZING REPLACEMENT FOR SYSTEM 5.2 AT ROOFS 5/I AND 5/T
 SCALE: 1/16" = 1'-0"

SYMBOLS LEGEND

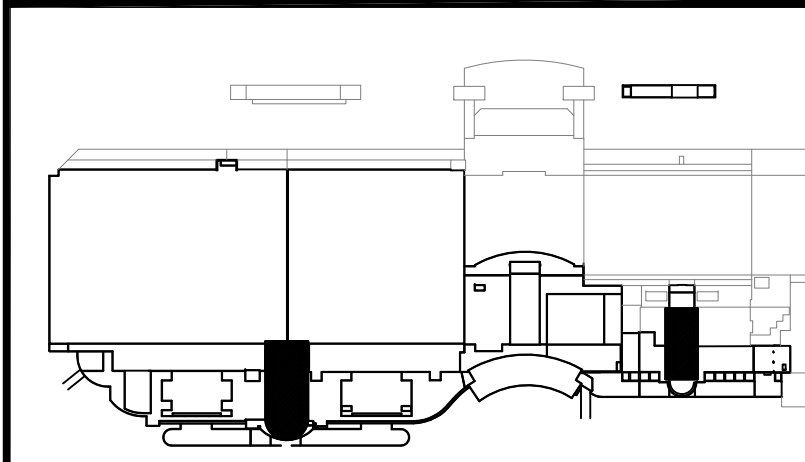
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	ROOF AREA IDENTIFICATION
	SPECIFIC NOTE
	WINDOW IDENTIFICATION

SPECIFIC NOTES

CORNER FLASHING INSTALLATION DIRECTLY CORRELATES WITH A BASE FLASHING DETAIL FROM N.I.C. RE-ROOFING SCOPE OF WORK. COORDINATE WITH INSTALLATION.

DETAIL SHEET INDEX

SHEET NUMBER	SHEET TITLE
A06	DETAILS 2.04 THRU 2.09.3
A07	DETAILS 2.09.4 THRU 2.131
A08	DETAILS 2.132 THRU 2.321
A09	DETAILS 2.322 THRU 2.42
A10	DETAILS 2.43 THRU 2.48



KEY PLAN
 SCALE: NTS

A/R/C Associates Incorporated
 Architecture
 Roof Consulting
 Construction Technology
 LLC. NBR AAC000932
 601 North Fern Creek Avenue
 Suite 100 Orlando, FL
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 CERTIFICATE OF AUTHORIZATION No. 27543
 LAURA BARBERO-SHUFFA, P.E., No. 74027
 1114 EAST CONCORD STREET
 ORLANDO, FL 32804
 P. 407.277.2727

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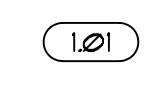
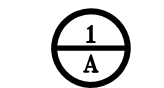


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A02
 SHEET NO.:
 9 OF 26 SHEET(S)


GLAZING REPLACEMENT AT ROOFS 4/C, 5/I, AND 5/T

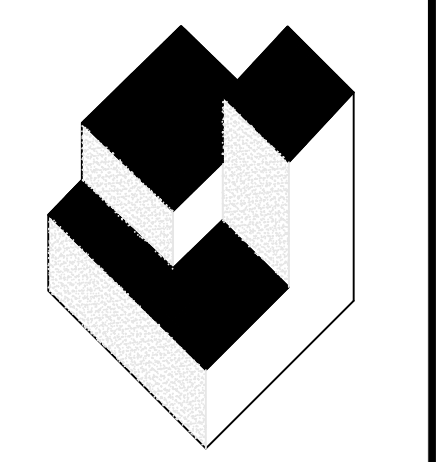
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SYMBOLS LEGEND

-  DETAIL NUMBER
-  ROOF AREA IDENTIFICATION
-  SPECIFIC NOTE
-  WINDOW IDENTIFICATION

SPECIFIC NOTES

-  CORNER FLASHING INSTALLATION DIRECTLY CORRELATES WITH A BASE FLASHING DETAIL FROM N.I.C. RE-ROOFING SCOPE OF WORK. COORDINATE WITH INSTALLATION.



A/R/C Associates Incorporated

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601 North Fern Creek Avenue
Suite 100 Orlando, FL
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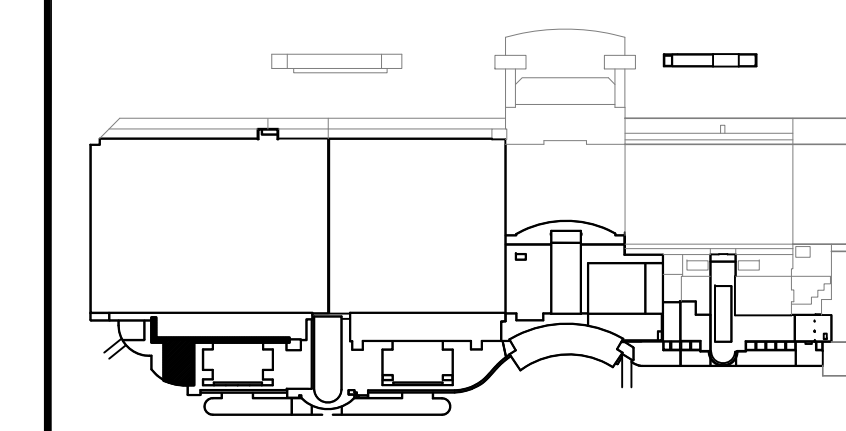


BASE CONSULTANTS
1521605
REGISTERED PROFESSIONAL ENGINEER
100 EAST CONCORD STREET
ORLANDO, FL 32801
P. 407.277.2227

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— DETAIL SHEET INDEX —

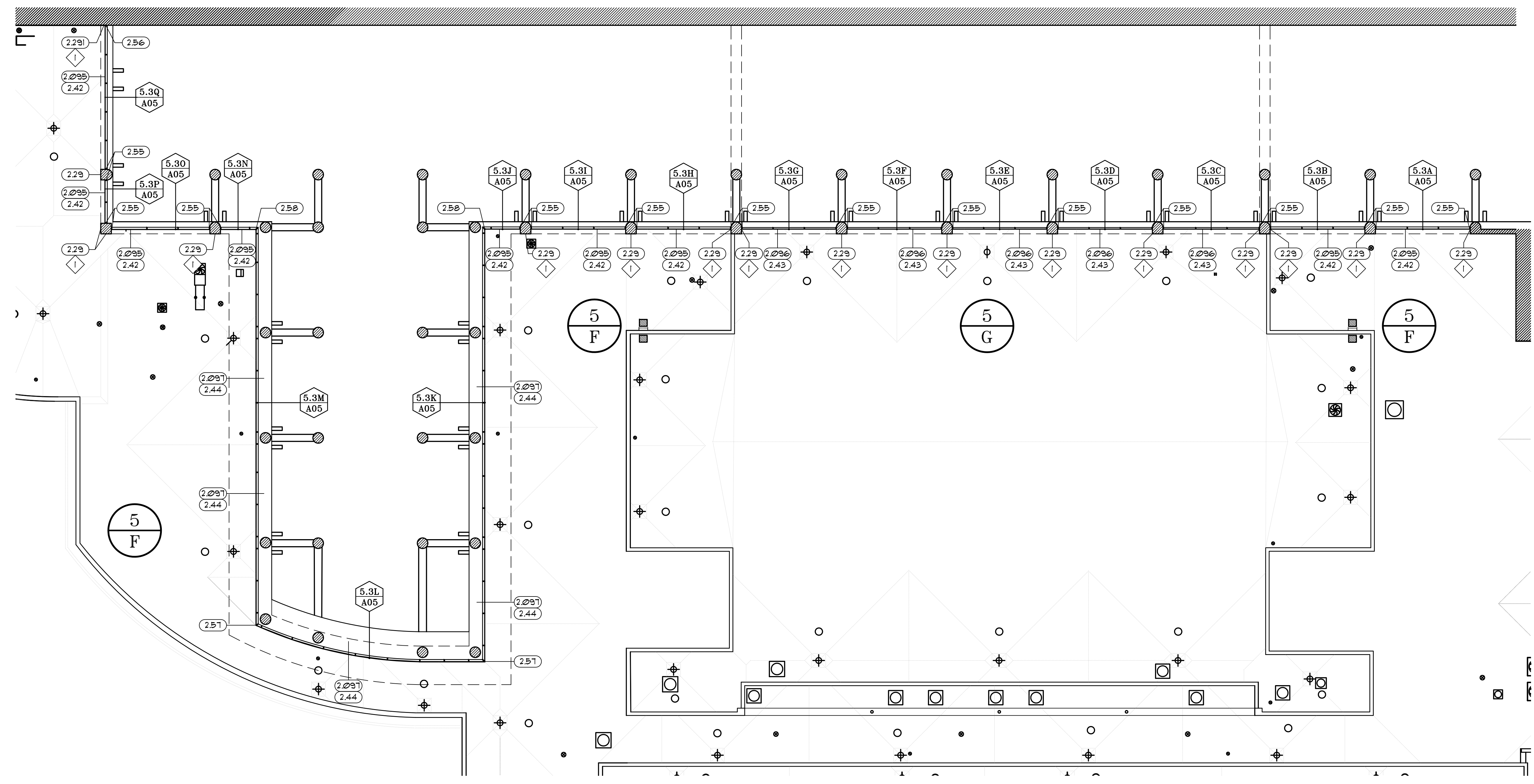
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KEY PLAN
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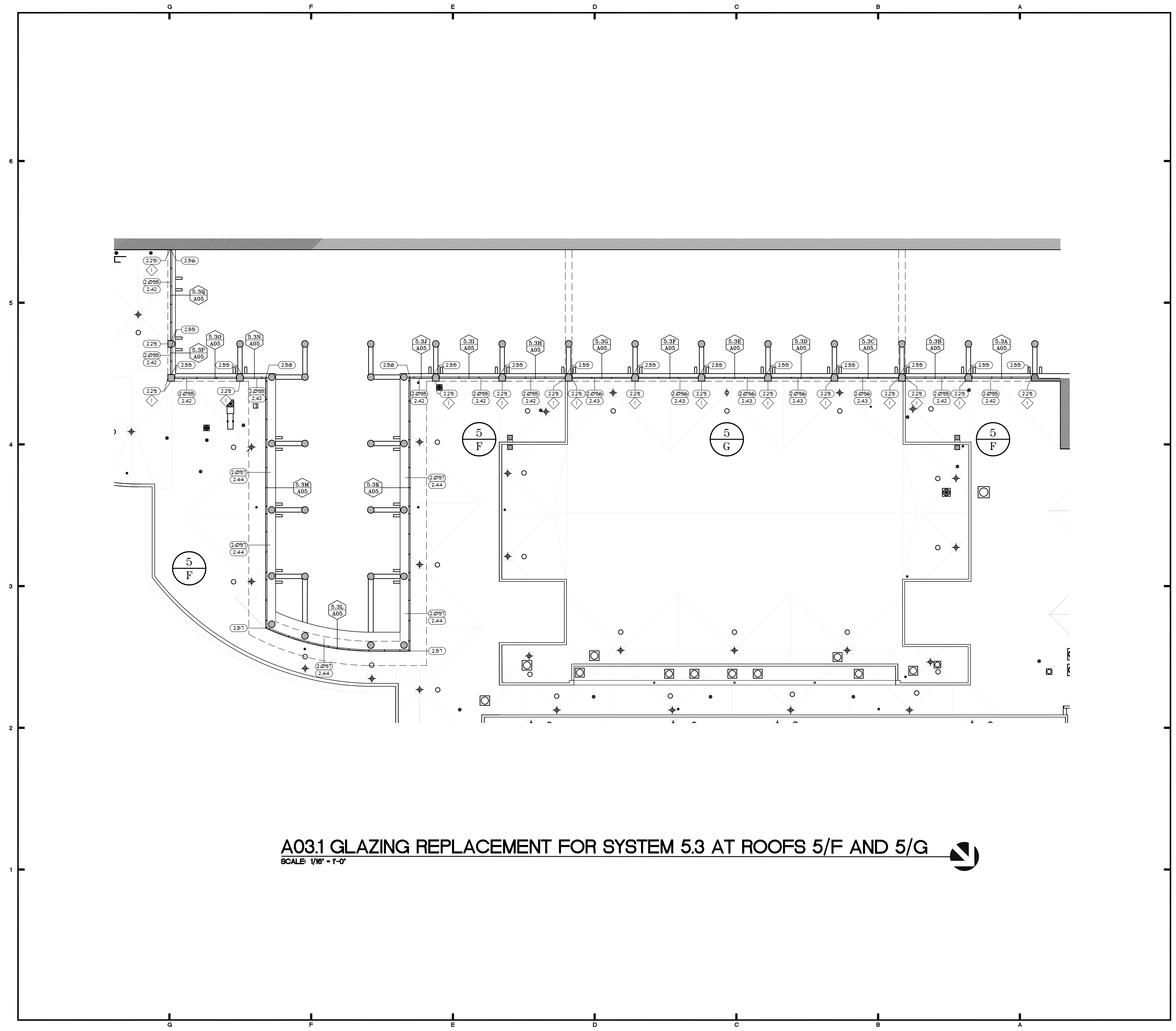
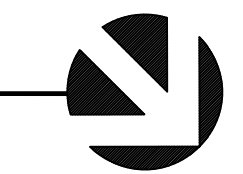
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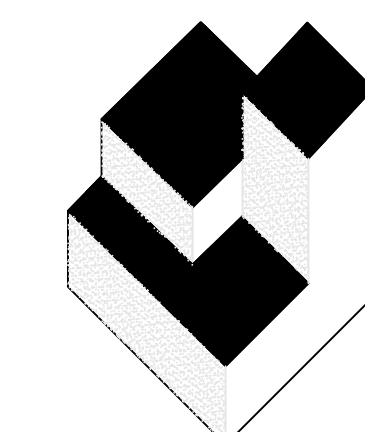
A03
SHEET NO.:
OF 26 SHEET(S)



A03.1 GLAZING REPLACEMENT FOR SYSTEM 5.3 AT ROOFS 5/F AND 5/G

SCALE: 1/16" = 1'-0"





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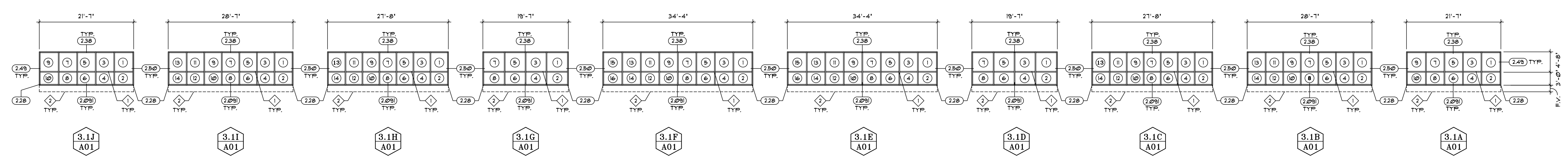


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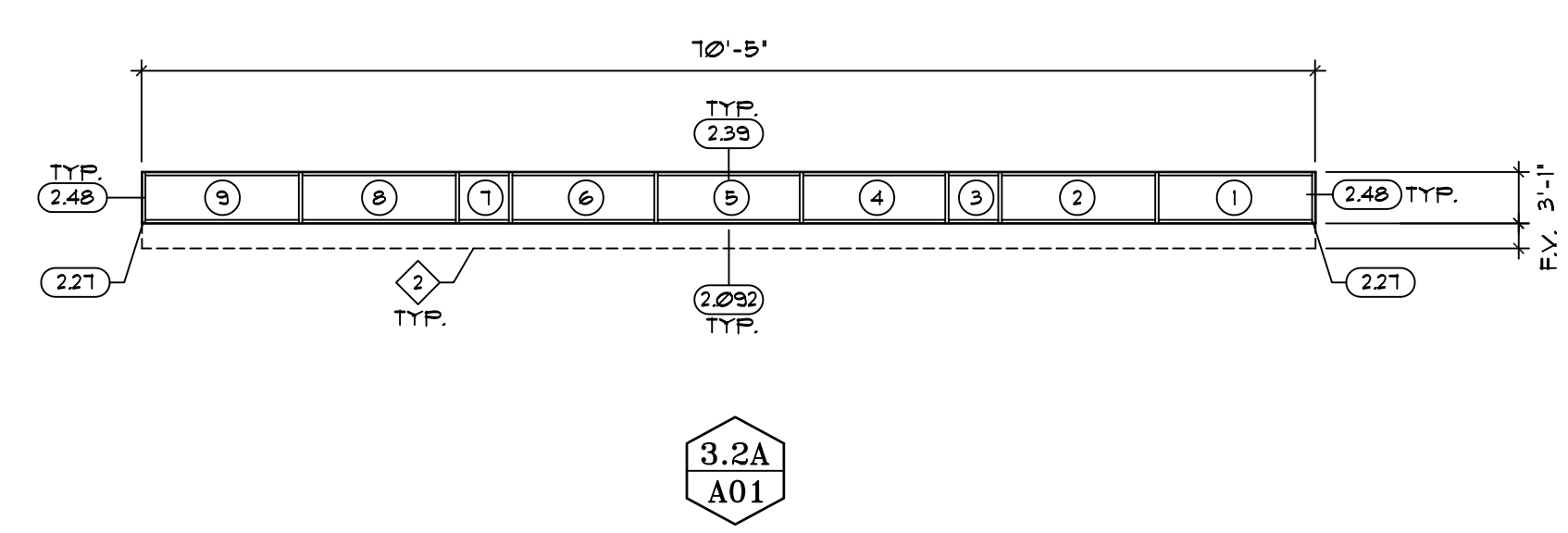
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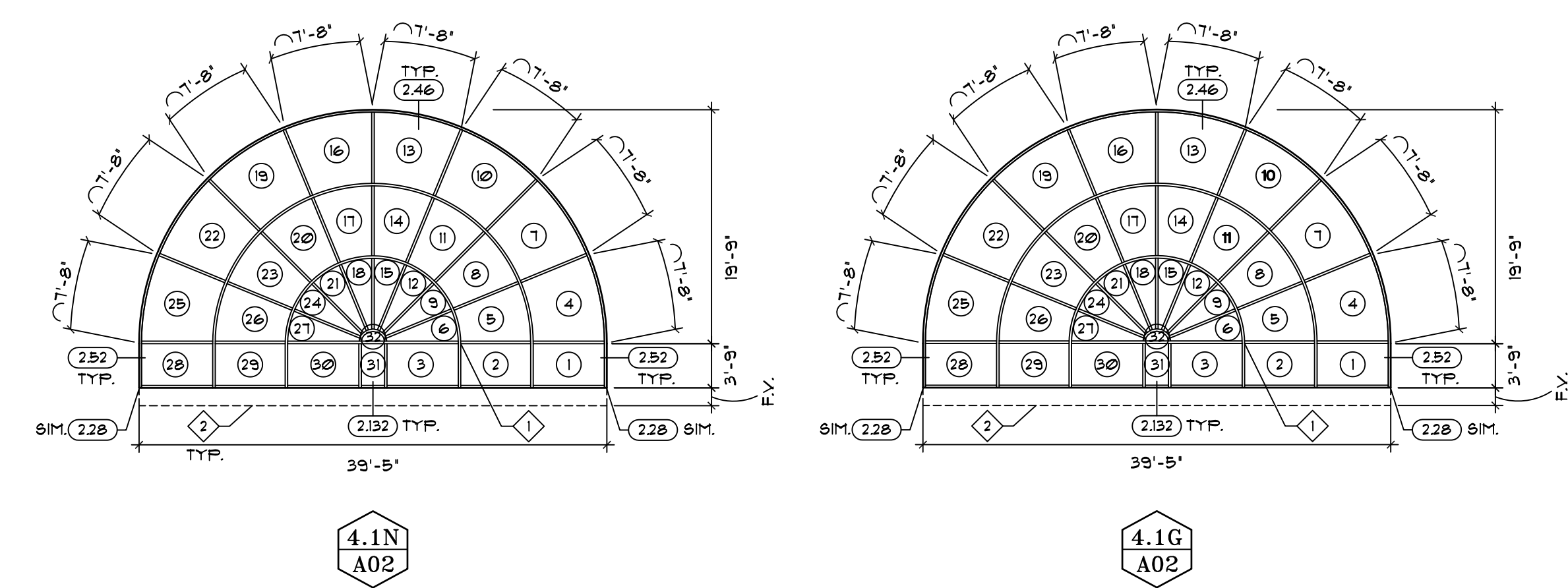
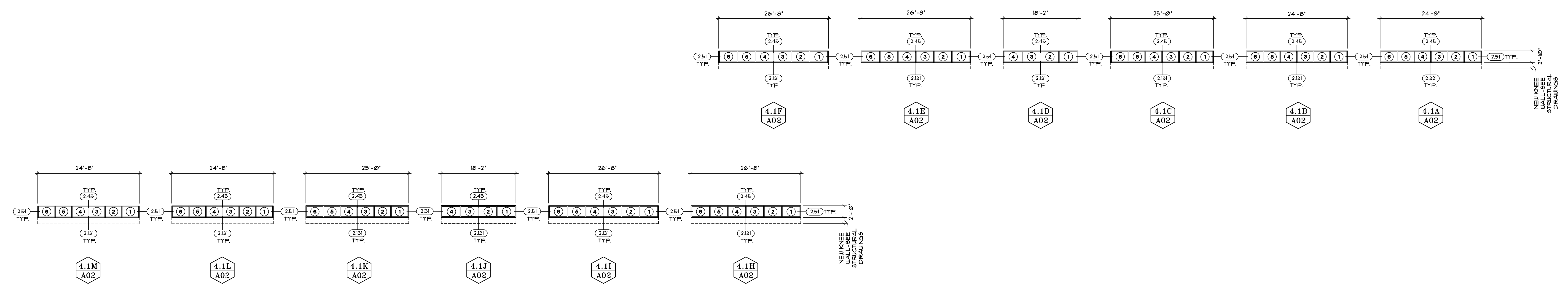
A04
SHEET NO.:
1 OF 26 SHEET(S)



A04.1 - NEW CURTAIN WALL SYSTEM 3.1
SCALE: 3/32" = 1'-0"



A04.2 - NEW CURTAIN WALL SYSTEM 3.2
SCALE: 3/32" = 1'-0"



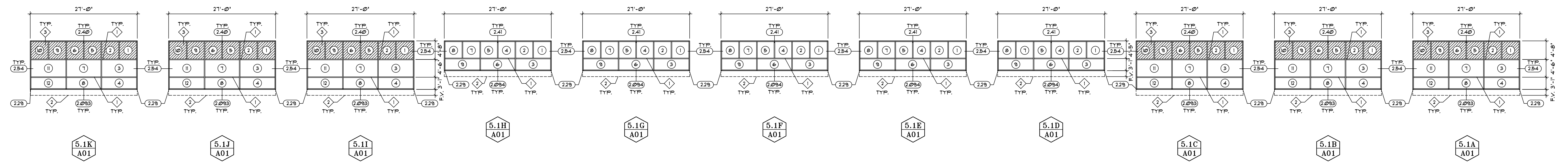
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SPECIFIC NOTES

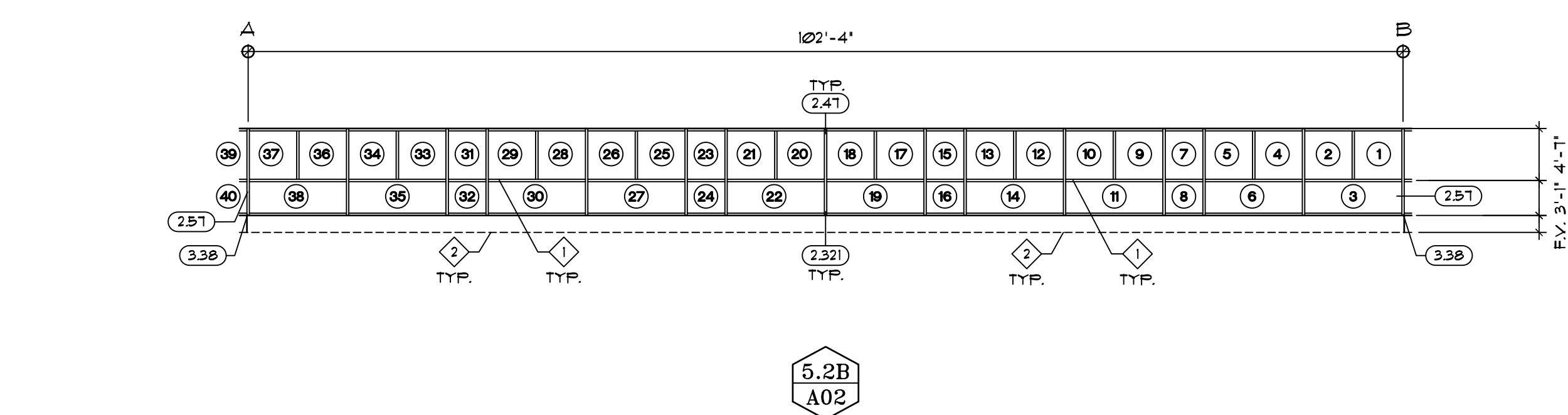
- ◇ HORIZONTAL MULLION IS TO ALIGN WITH EXISTING REVEAL IN METAL WALL PANEL SYSTEM SIMILAR TO THE EXISTING SYSTEM BEING REMOVED
- ◇ INSTALL NEW KNEE-WALL AS SHOWN AND DIMENSIONED IN THE STRUCTURAL DRAWINGS. ENSURE BASE FLASHING HEIGHTS WILL BE 10" MINIMUM. FIELD VARIETY ACTUAL OF LOWER PANEL AFTER KNEE-WALL INSTALLATION
- ◇ SPANDREL PANEL WHERE IDENTIFIED BY HATCH PATTERN. CERAMIC PRIT FLOOD COAT ON SURFACE #4. INSTALL FOIL FACED MINERAL WOOL INSULATION ON INTERIOR FACE OF GLAZING FOR THERMAL BREAK.

SYMBOLS LEGEND

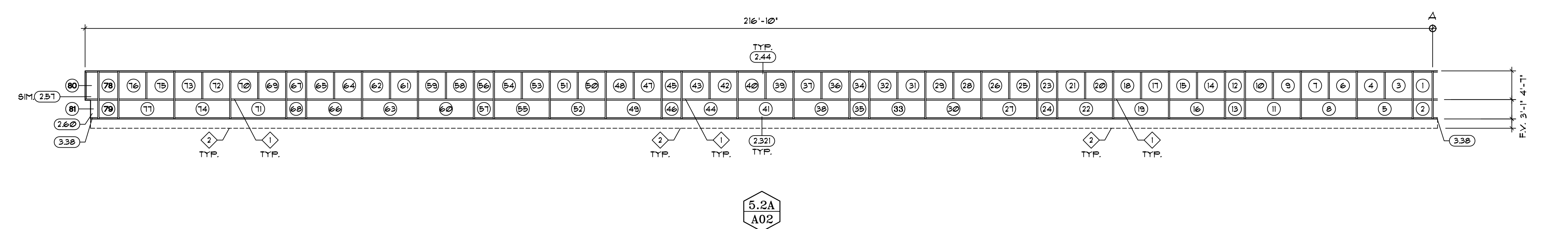
- 3.3M A03 WINDOW SYSTEM IDENTIFICATION
- (7) WINDOW PANE IDENTIFICATION



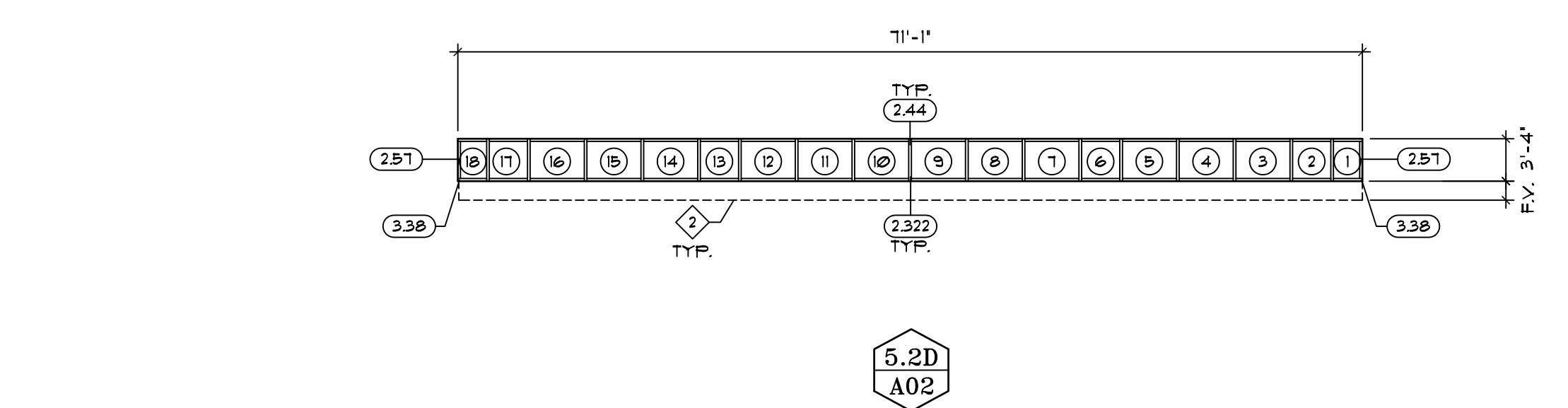
A05.1 - NEW CURTAIN WALL SYSTEM 5.1
SCALE: 3/32" = 1'-0"



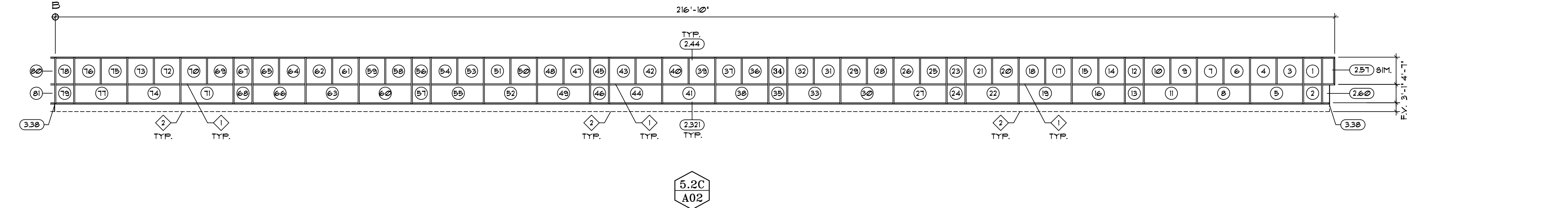
5.2B
A02



5.2A
A02

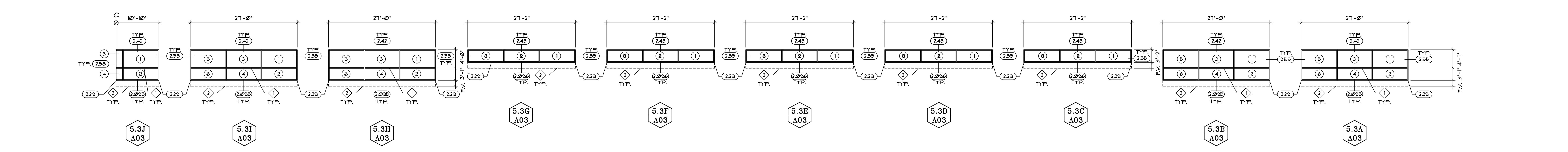


5.2D
A02



5.2C
A02

A05.2 - NEW CURTAIN WALL SYSTEM 5.2
SCALE: 3/32" = 1'-0"



5.3J
A03

5.3I
A03

5.3H
A03

5.3G
A03

5.3F
A03

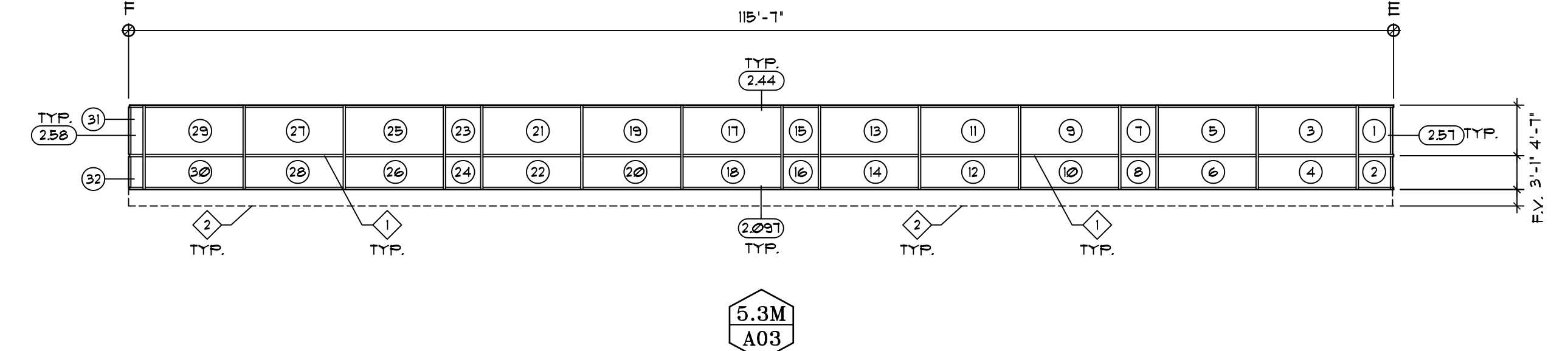
5.3E
A03

5.3D
A03

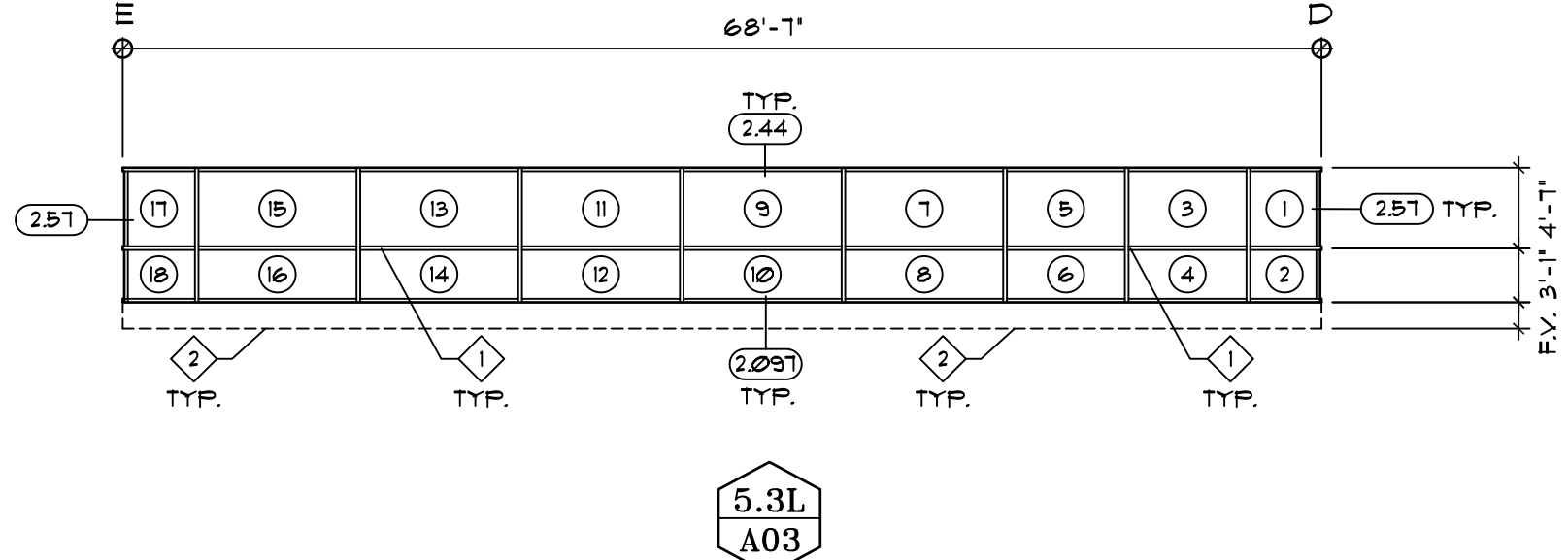
5.3C
A03

5.3B
A03

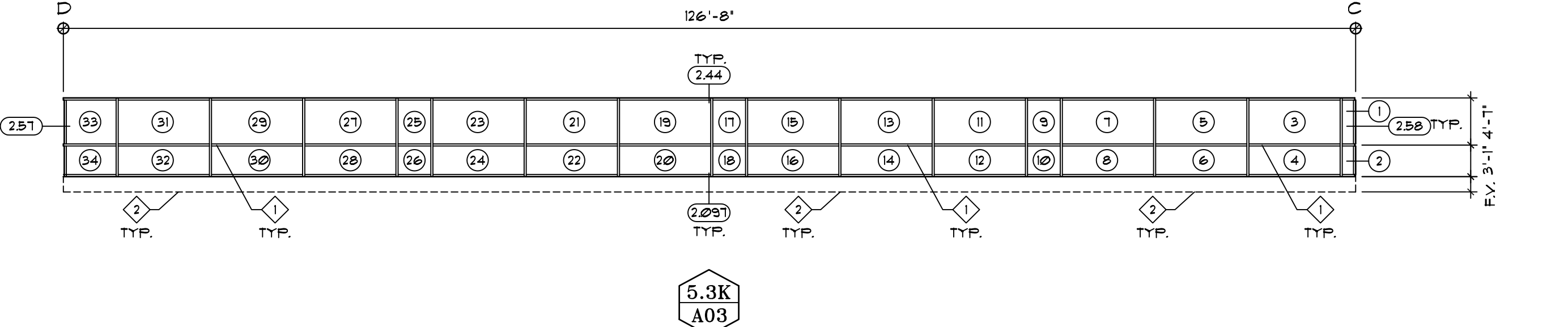
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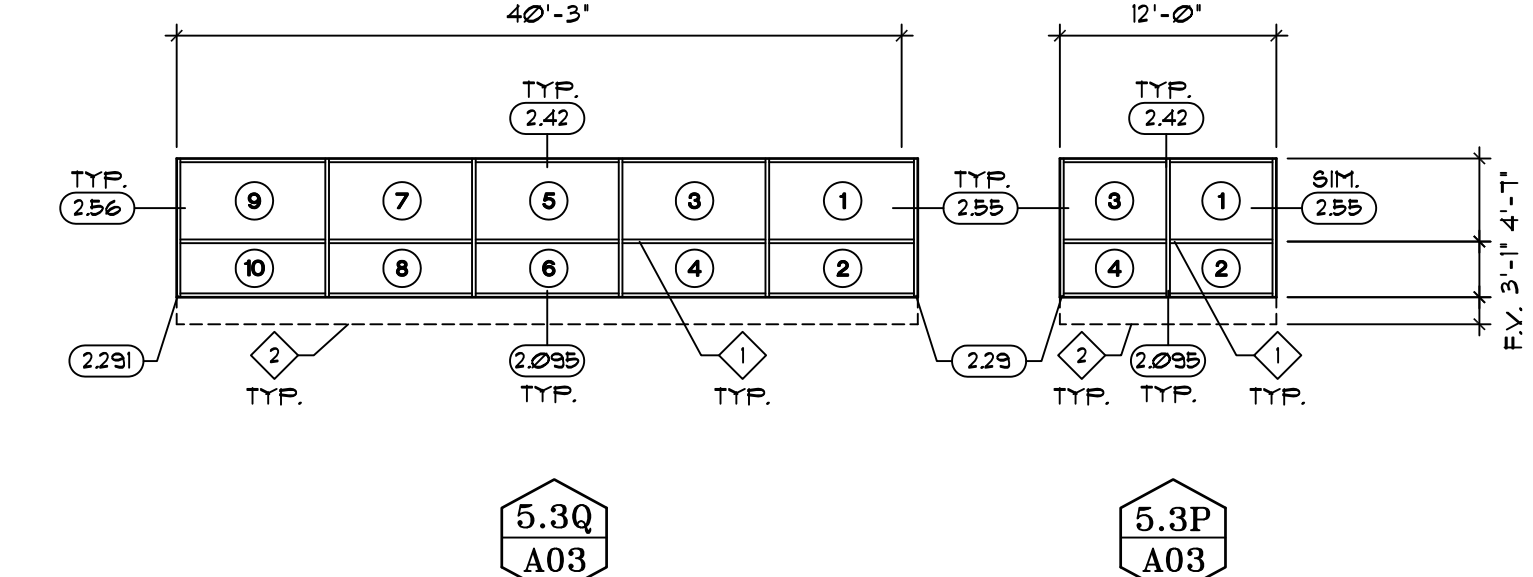
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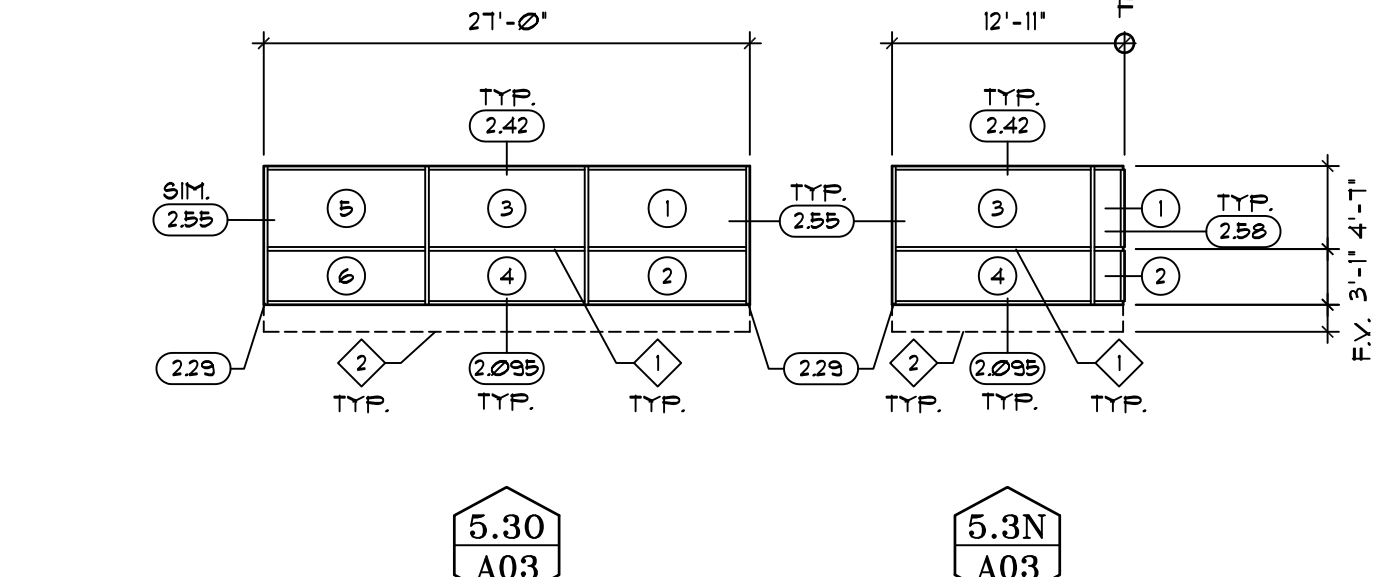
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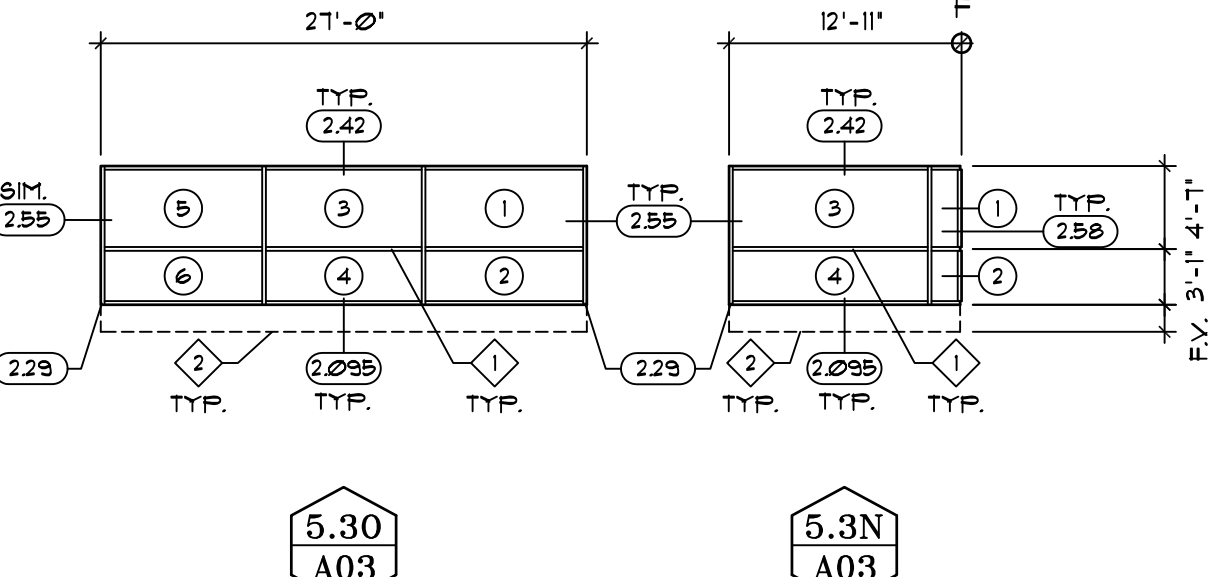
5.3K
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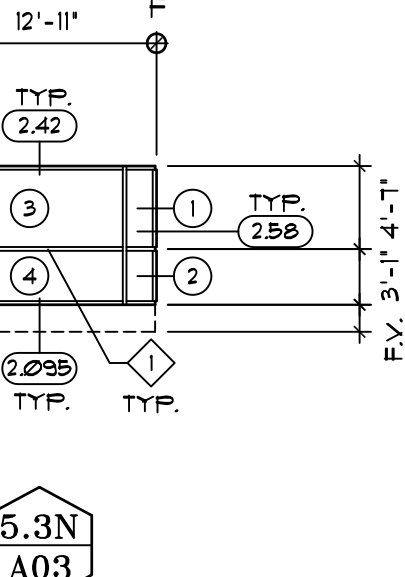
5.3Q
A03



5.3P
A03



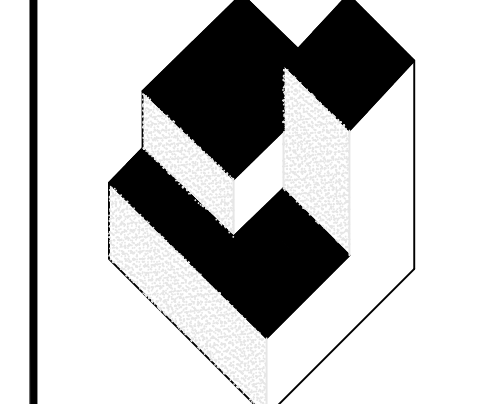
5.3O
A03



5.3N
A03

A05.3 - NEW CURTAIN WALL SYSTEM 5.3
SCALE: 3/32" = 1'-0"

- SPECIFIC NOTES**
- ◇ HORIZONTAL MULLION IS TO ALIGN WITH EXISTING REVEAL IN METAL WALL PANEL SYSTEM SIMILAR TO THE EXISTING SYSTEM BEING REMOVED
 - ◇ INSTALL NEW KNEE-WALL AS SHOWN AND DIMENSIONED IN THE STRUCTURAL DRAWINGS. ENSURE BASE FLASHING HEIGHTS WILL BE 10" MINIMUM. FIELD VARIETY ACTUAL OF LOWER PANEL AFTER KNEE-WALL INSTALLATION
 - ◇ SPANDREL PANEL WHERE IDENTIFIED BY HATCH PATTERN. CERAMIC FRIT FLOOD COAT ON SURFACE *4. INSTALL FOIL FACED MINERAL WOOL INSULATION ON INTERIOR FACE OF GLAZING FOR THERMAL BREAK.
- SYMBOLS LEGEND**
- 5.3M A03 WINDOW SYSTEM IDENTIFICATION
 - ⑪ WINDOW PANE IDENTIFICATION



A/R/C Associates Incorporated
Architecture
Roof Consulting
Construction Technology
LIC. NBR AAC000932
601 North Fern Creek Avenue
Suite 100 Orlando, FL
32805-4899
Tel. (407) 896-7875
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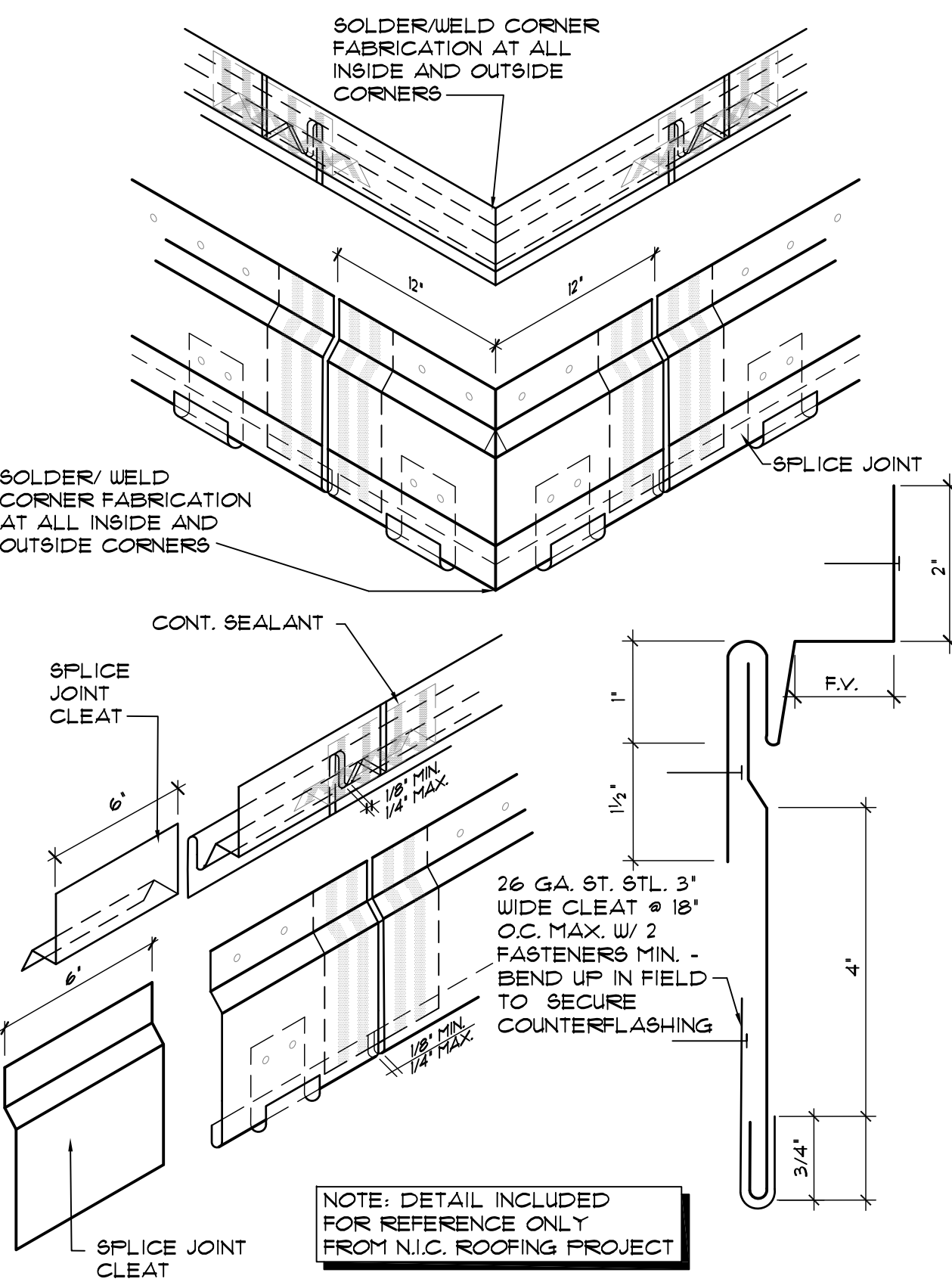
JAMES W. REPLEY AR-0018788
JOSEPH J. WILLIAMS AR-007984

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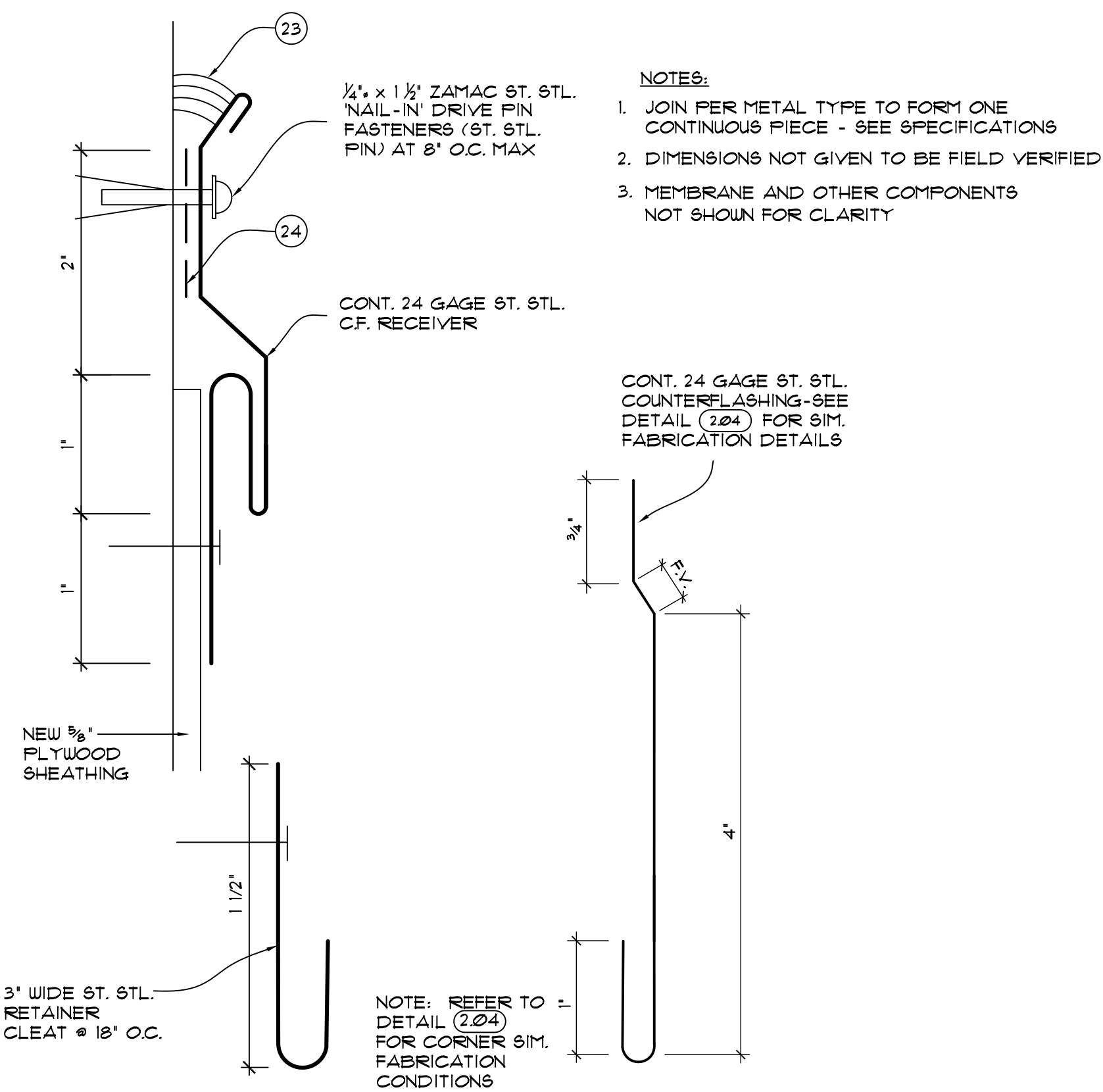


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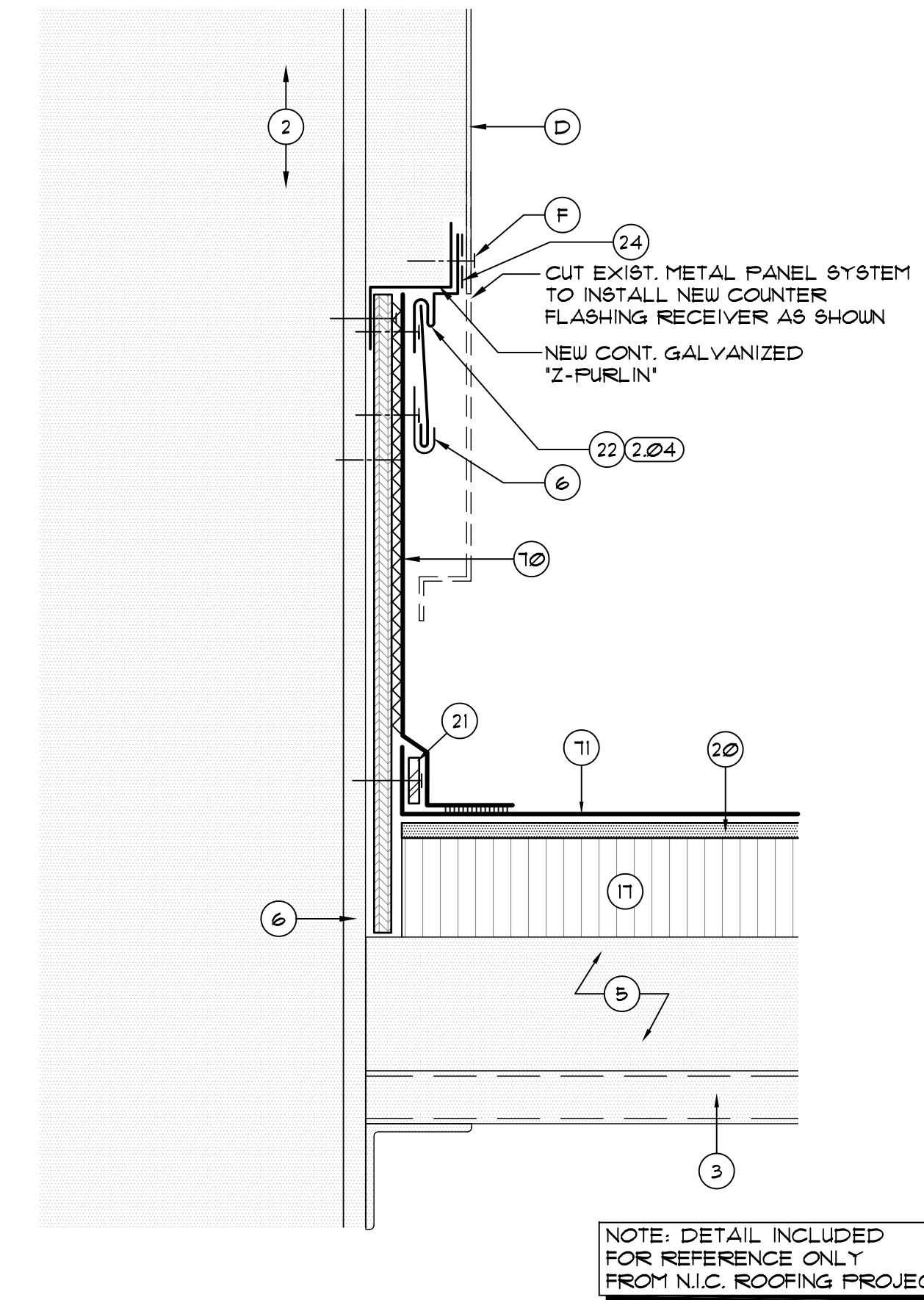
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JOB NO.: 16032.00
DRAWN BY: TAH
CHECKED BY: JJW
DATE: 09-01-2017
SCALE: NTS
PLOT SCALE:
A05
SHEET NO.:
12 OF 26 SHEET(S)



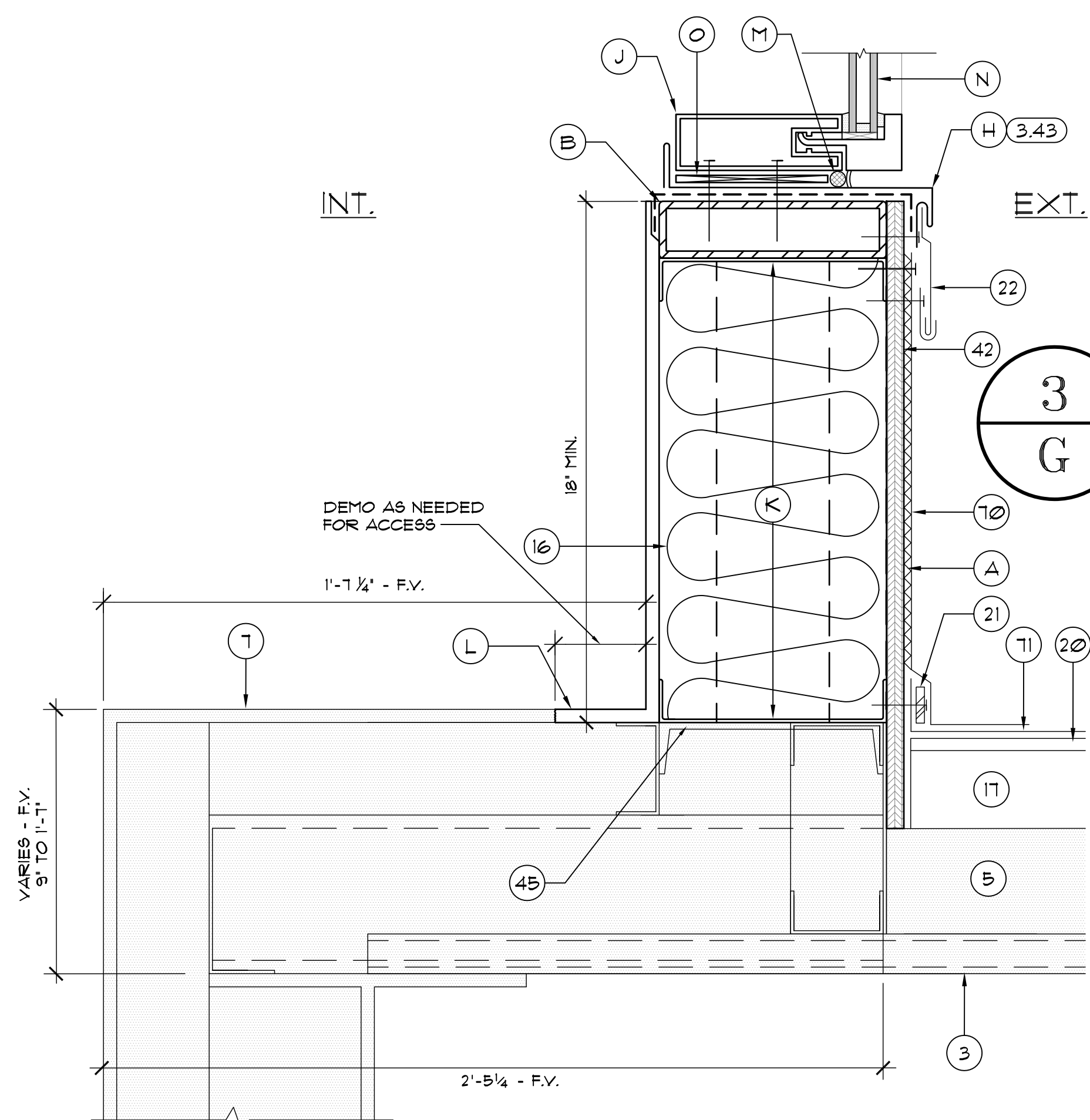
2.04 N.I.C. COUNTERFLASHING FABRICATION DETAIL - INCLUDED FOR REFERENCE
SCALE: 3"=1'-0"



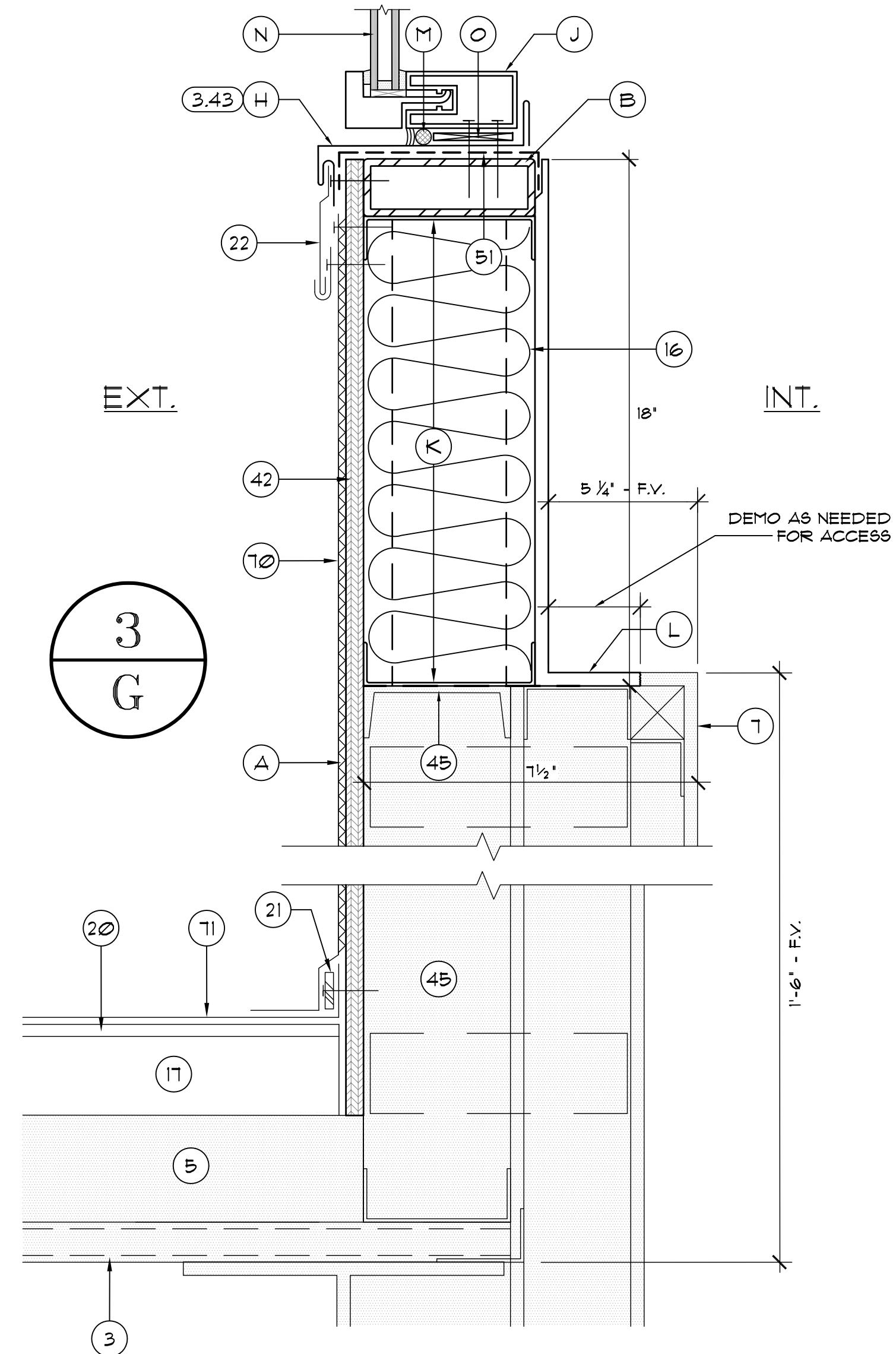
2.05 NEW TWO-PIECE COUNTERFLASHING FABRICATION DETAIL
SCALE: 3"=1'-0"



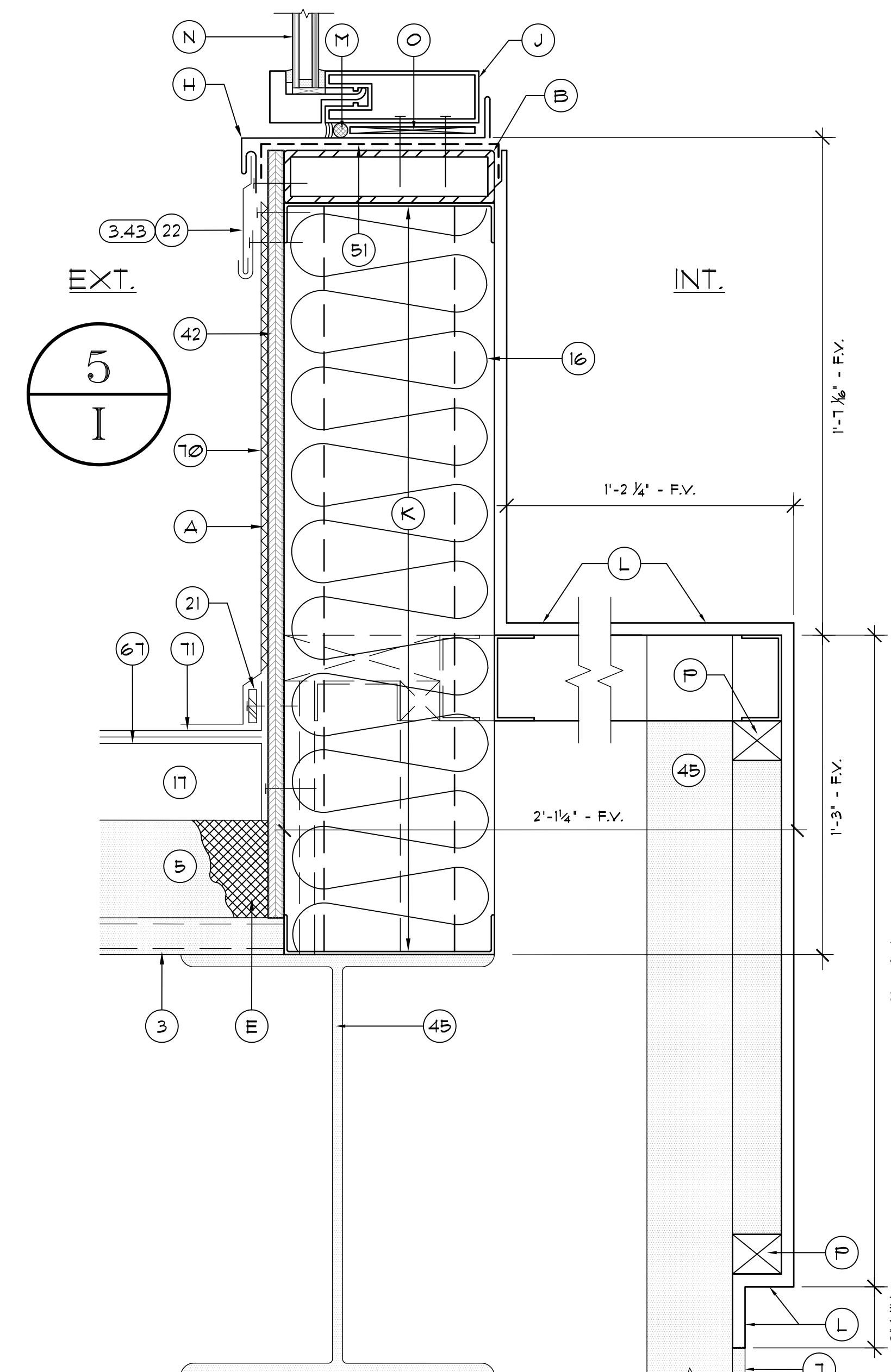
2.07 N.I.C. BASE FLASHING DETAIL - INCLUDED FOR REFERENCE
SCALE: 3"=1'-0"



2.091 NEW SILL FLASHING AT GLAZING SYSTEM (3.1)
SCALE: 3"=1'-0"



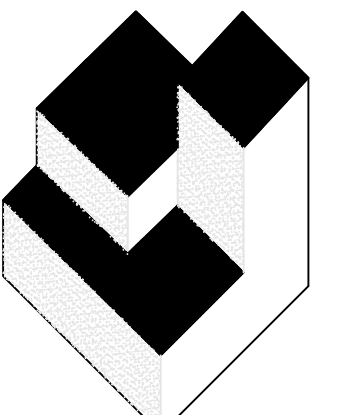
2.092 NEW SILL FLASHING AT GLAZING SYSTEM (3.2)
SCALE: 3"=1'-0"



2.093 NEW SILL FLASHING AT GLAZING SYSTEM (5.1) AT ROOF 5/1
SCALE: 3"=1'-0"

DETAILS NOTES

2. EXISTING METAL STUD WALL
3. EXISTING METAL DECK
4. EXISTING PRECAST CONC. PANEL PARAPET
5. EXISTING RIGID INSULATION TO REMAIN
6. EXISTING SHEATHING TO REMAIN
7. EXISTING PAINTED AND FINISHED INTERIOR DRYWALL TO REMAIN
8. EXISTING LIGHTWEIGHT INSULATING CONCRETE
11. EXISTING CONCRETE/CMU BLOCK WALL
16. BATT INSULATION
17. NON-TAPERED RIGID INSULATION BY OTHERS
18. TAPERED RIGID INSULATION BY OTHERS
20. 1/2" GYPSUM ROOF BOARD BY OTHERS
21. SURFACE APPLIED TERMINATION BAR BY OTHERS
22. TWO-PIECE SURFACE APPLIED COUNTERFLASHING
23. SEALANT
24. FLASHING TAPE
41. P.T. WOOD BLOCKING TO BE FASTENED AT 12" O.C. (MAX.) AND STAGGER - COUNTERSINK HEADS
42. 3/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP & BOTTOM & STAGGER - COUNTERSINK HEADS
45. EXISTING STRUCTURE
51. DRY-IN MEMBRANE
59. 24 GA ST. STL. SKIRT METAL
10. FLEXIBLE SHEET FLASHING BY OTHERS
11. FLEXIBLE SHEET MEMBRANE BY OTHERS
133. EXISTING WOOD BLOCKING TO REMAIN
- A. MFR. APPROVED ADHESIVE BY OTHERS
- B. NEW KNEE WALL - SEE STRUCTURAL DRAWINGS
- C. NEW ST. STL. FASTENER W/ NEOPRENE BACKED WASHER - BACK OUT EXIST. FASTENER AND REPLACE WITH ONE SIZE LARGER AT EXIST. LOCATIONS
- D. EXIST. METAL PANEL WALL SYS. TO REMAIN
- E. INFILL AREA AS NEEDED W/ FOAM OR RIGID INSULATION PRIOR TO INSTALLATION OF N.I.C. ROOFING PROJECT
- F. ST. STL. DRIVE PIN FASTENER W/ NEOPRENE BACKED METAL WASHER @ 8" O.C.
- G. 3" WIDE 26 GA. ST. STL. RETAINER CLEATS @ 18" O.C. - ANCHOR W/ 2 FASTENERS EACH - BEND UP IN FIELD TO SECURE SKIRT METAL
- H. NEW SILL PAN FOR CURTAIN WALL SYSTEM
- I. NEW CURTAIN WALL FRAMING BEYOND
- J. NEW CURTAIN WALL FRAMING
- K. NEW STUD WALL - SEE STRUCTURAL
- L. NEW DRYWALL, PAINT, AND FINISH TO MATCH EXIST. PRIOR TO DEMOLITION
- M. CLOSED CELL POLYURETHANE TUBING
- N. NEW CURTAIN WALL GLAZING PANELS
- O. NEW MANUFACTURER'S APPROVED PLASTIC SHIM
- P. INSTALL NEW FURRING AS NEEDED TO MATCH AND SUPPORT TO MATCH DEPTH OF NEW DRYWALL TO MATCH EXIST.
- Q. INSTALL NEW BLOCKING AROUND GLAZING PERIMETER TO SUPPORT NEW GLAZING SYSTEM. ADD SHIMS BENEATH BLOCKING AS NEEDED TO REDUCE DEFLECTION. INSTALL ALUMINUM CAP TO MATCH CURTAIN WALL FRAME COLOR. @240' MIN. FABRICATION TO COVER WOOD BLOCKING AS SHOWN.
- R. EXISTING PAINTED STUCCO TO REMAIN



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Architecture
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Suite 100 Orlando, FL
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CONSULTANTS
ENGINEERS & ARCHITECTS
1521662
CERTIFICATE OF AUTHORIZATION NO. 12743
LAURA BARBERO/ARCHITECT, P.E. No. 74327
1514 EAST CHANDLER STREET
ORLANDO, FLORIDA 32813
P.O. BOX 1071

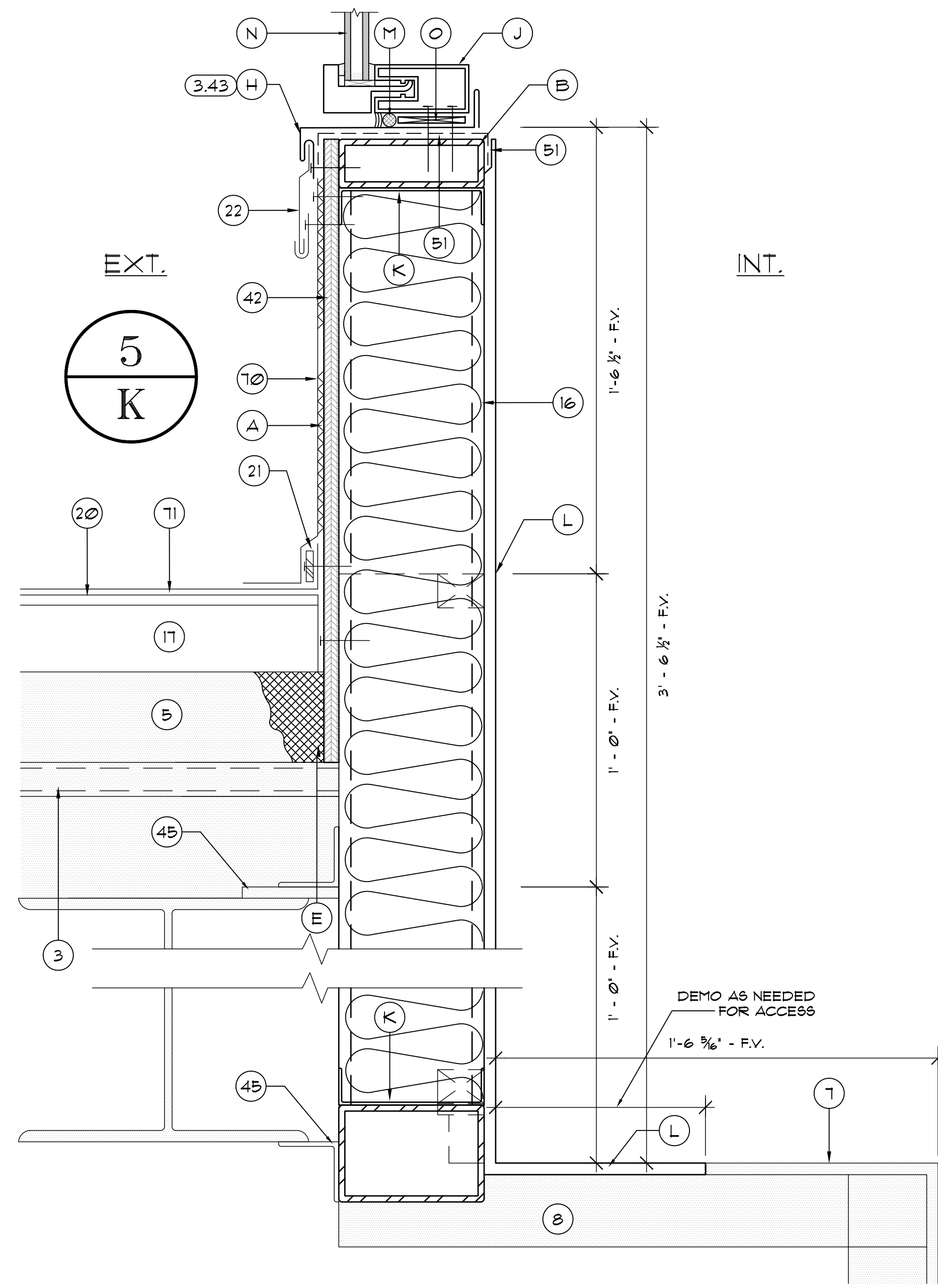
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ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

DETAILS 2.04 THRU 2.093

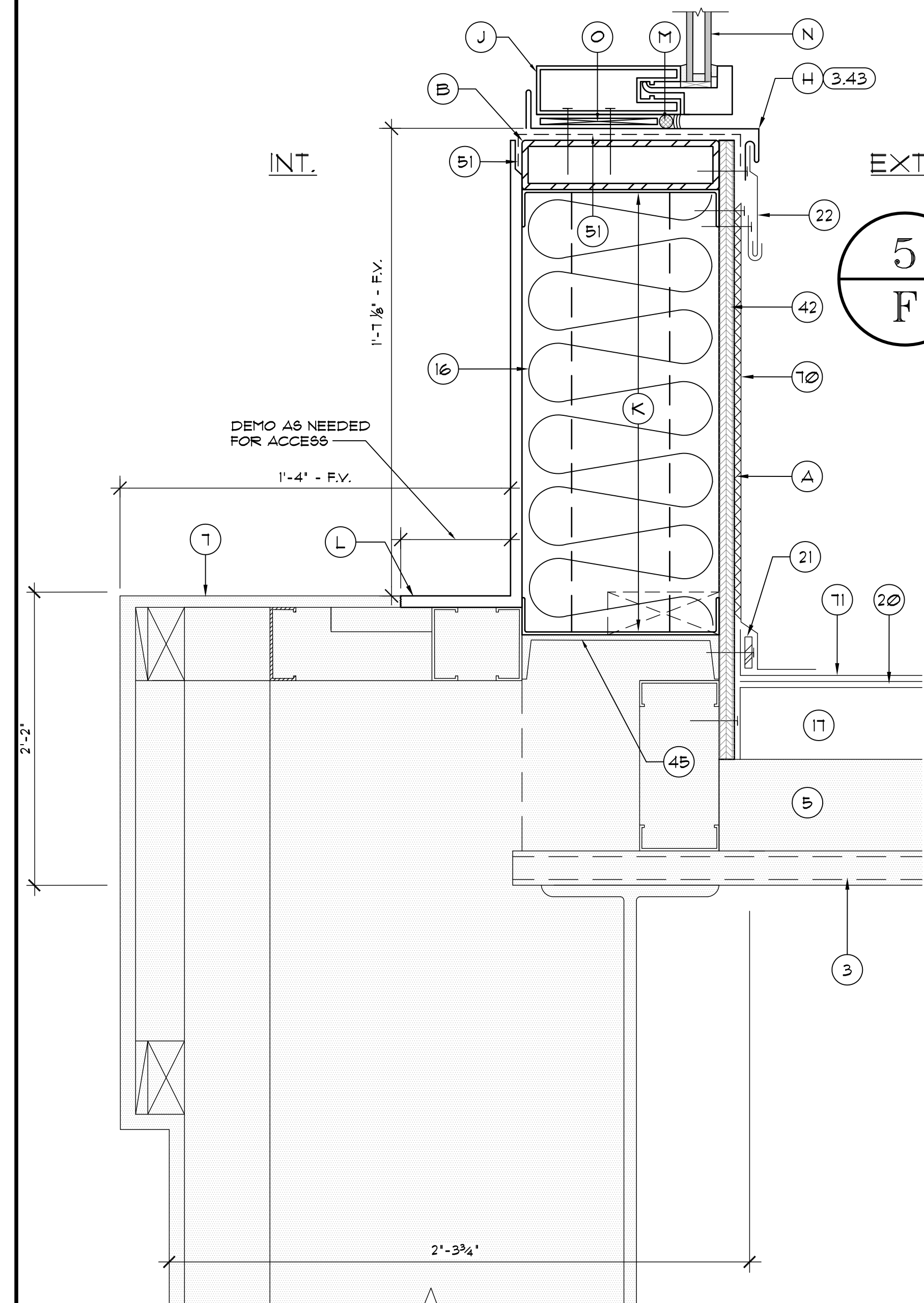
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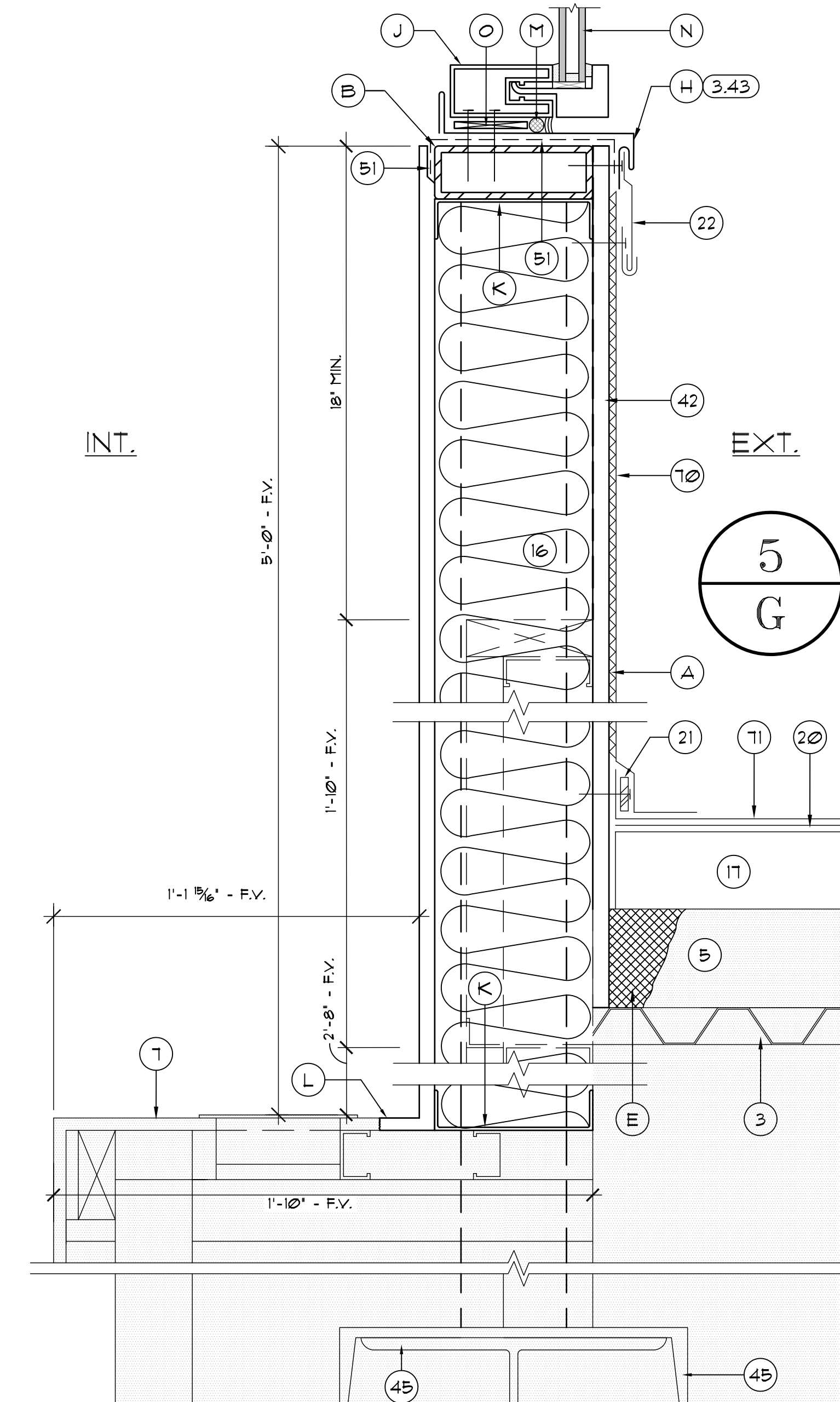
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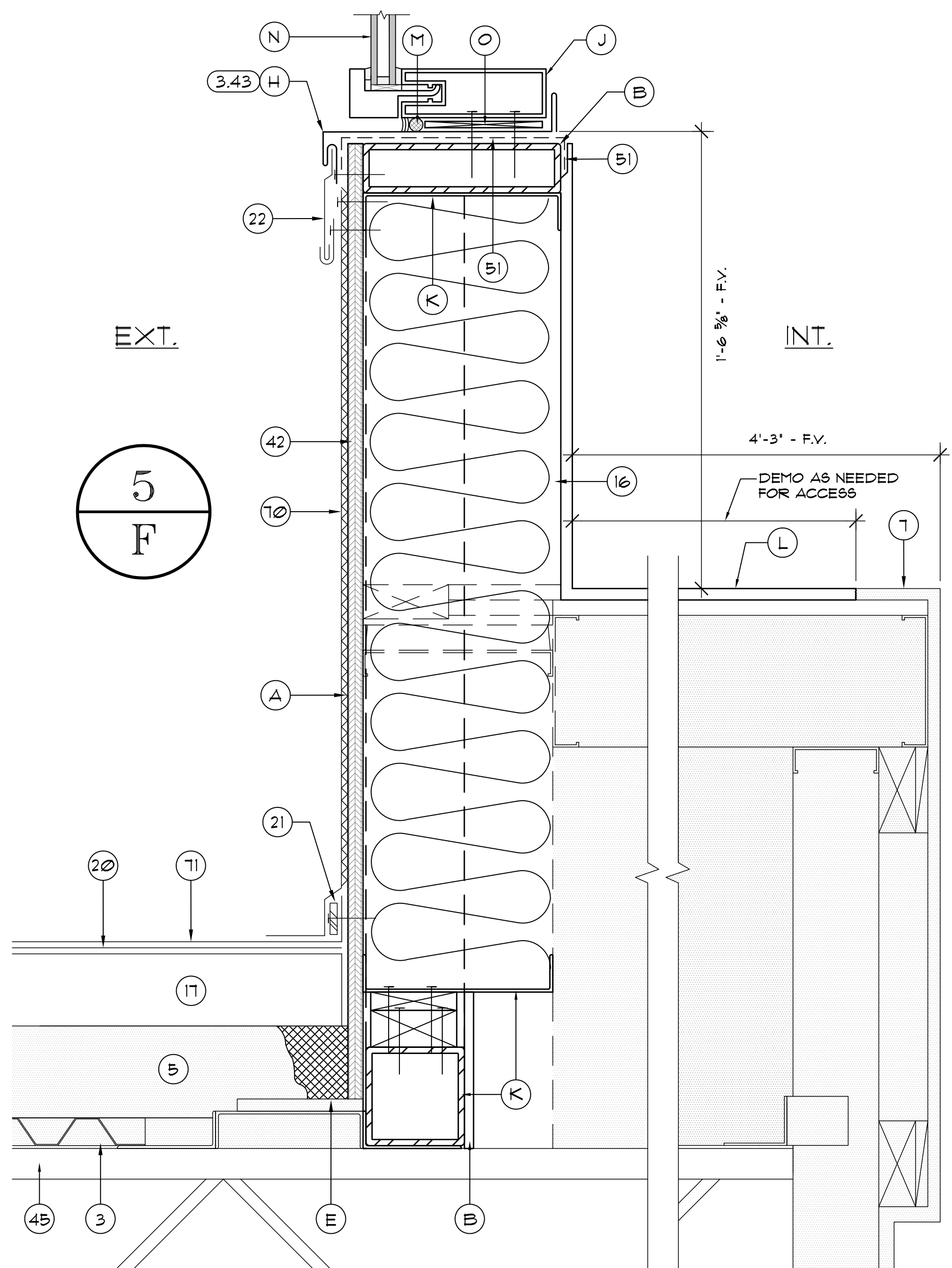
2.094 NEW SILL FLASHING AT GLAZING SYSTEM (5.1) AT ROOF 5/K
SCALE: 3/4\"/>



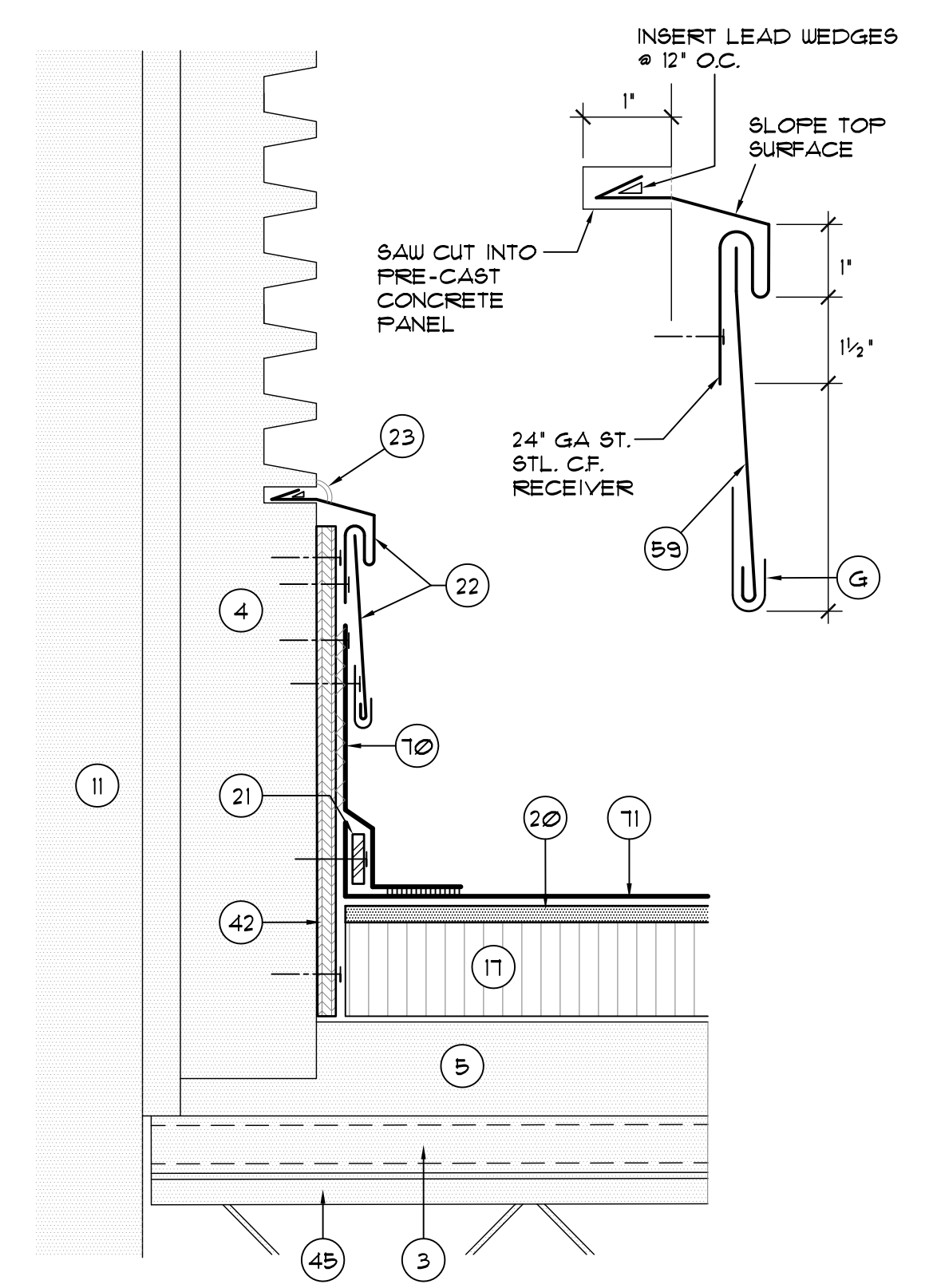
2.095 NEW SILL FLASHING AT GLAZING SYSTEM (5.3) AT ROOF 5/F
SCALE: 3/4\"/>



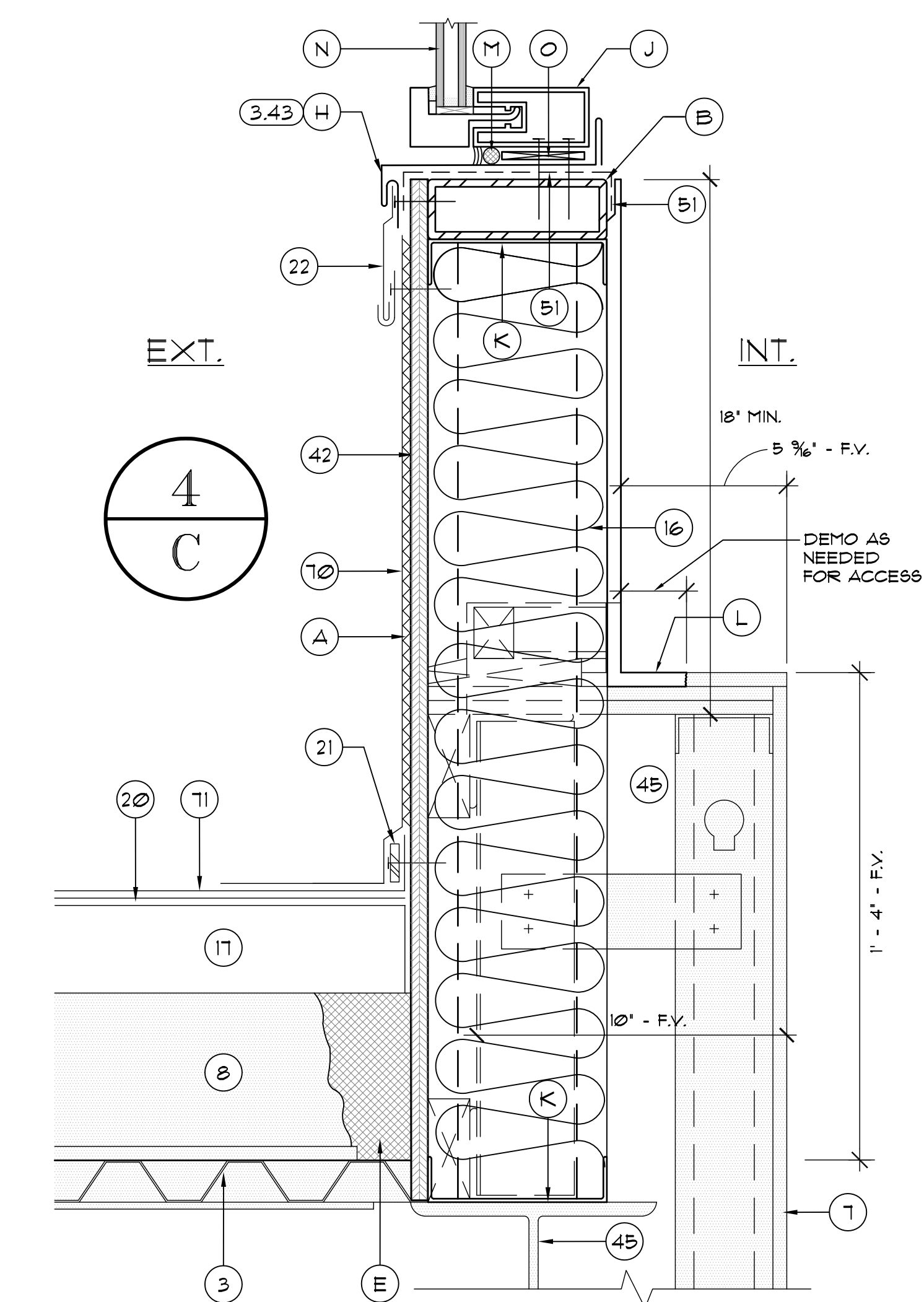
2.096 NEW SILL FLASHING AT GLAZING SYSTEM (5.3) AT ROOF 5/G
SCALE: 3/4\"/>



2.097 NEW SILL FLASHING AT GLAZING SYSTEM (5.3) AT ROOF AREA 5/F
SCALE: 3/4\"/>



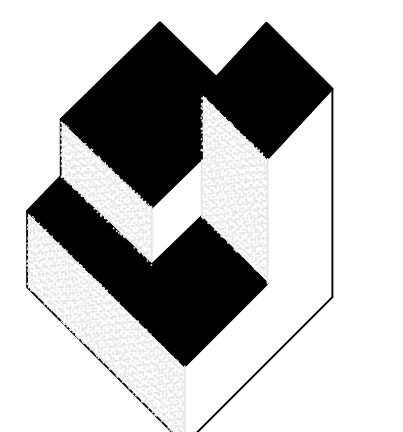
2.11 N.I.C. BASEFLASHING DETAIL AT CONC. PANEL - INCLUDED FOR REFERENCE
SCALE: 3/4\"/>



2.131 NEW SILL FLASHING AT GLAZING SYSTEM (4.1) AT ROOF 4/C BARREL VAULT SIDE
SCALE: 3/4\"/>

DETAILS NOTES

2. EXISTING METAL STUD WALL
3. EXISTING METAL DECK
4. EXISTING PRECAST CONC. PANEL PARAPET
5. EXISTING RIGID INSULATION TO REMAIN
6. EXISTING SHEATHING TO REMAIN
7. EXISTING PAINTED AND FINISHED INTERIOR DRYWALL TO REMAIN
8. EXISTING LIGHTWEIGHT INSULATING CONCRETE
11. EXISTING CONCRETE/CMU BLOCK WALL
16. BATT INSULATION
17. NON-TAPERED RIGID INSULATION BY OTHERS
18. TAPERED RIGID INSULATION BY OTHERS
20. 1/2\"/>
- 21. SURFACE APPLIED TERMINATION BAR BY OTHERS
- 22. TWO-PIECE SURFACE APPLIED COUNTERFLASHING
- 23. SEALANT
- 24. FLASHING TAPE
- 41. P.T. WOOD BLOCKING TO BE FASTENED AT 12\"/>
- 42. 3/8\"/>
- 45. EXISTING STRUCTURE
- 51. DRY-IN MEMBRANE
- 59. 24 GA ST. SKIRT METAL
- 10. FLEXIBLE SHEET FLASHING BY OTHERS
- 11. FLEXIBLE SHEET MEMBRANE BY OTHERS
- 133. EXISTING WOOD BLOCKING TO REMAIN
- A. MFR APPROVED ADHESIVE BY OTHERS
- B. NEW KNEE WALL - SEE STRUCTURAL DRAWINGS
- C. NEW ST. STL. FASTENER W/ NEOPRENE BACKED WASHER - BACK OUT EXIST. FASTENER AND REPLACE WITH ONE SIZE LARGER AT EXIST. LOCATIONS
- D. EXIST. METAL PANEL WALL SYS. TO REMAIN
- E. INFILL AREA AS NEEDED W/ FOAM OR RIGID INSULATION PRIOR TO INSTALLATION OF N.I.C. ROOFING PROJECT
- F. ST. STL. DRIVE PIN FASTENER W/ NEOPRENE BACKED METAL WASHER # 8\"/>
- G. 3\"/>
- H. NEW SILL PAN FOR CURTAIN WALL SYSTEM
- I. NEW CURTAIN WALL FRAMING BEYOND
- J. NEW CURTAIN WALL FRAMING
- K. NEW STUD WALL - SEE STRUCTURAL
- L. NEW DRYWALL, PAINT, AND FINISH TO MATCH EXIST. PRIOR TO DEMOLITION
- M. CLOSED CELL POLYURETHANE TUBING
- N. NEW CURTAIN WALL GLAZING PANELS
- O. NEW MANUFACTURER'S APPROVED PLASTIC SHIM
- P. INSTALL NEW FURRING AS NEEDED TO MATCH AND SUPPORT TO MATCH DEPTH OF NEW DRYWALL TO MATCH EXIST.
- Q. INSTALL NEW BLOCKING AROUND GLAZING PERIMETER TO SUPPORT NEW GLAZING SYSTEM. ADD SHIMS BENEATH BLOCKING AS NEEDED TO REDUCE DEFLECTION. INSTALL ALUMINUM CAP TO MATCH CURTAIN WALL FRAME COLOR. @ 24\"/>
- R. EXISTING PAINTED STUCCO TO REMAIN



A/R/C Associates Incorporated

Architecture
Roof Consulting
Construction Technology
LIC. NBR AAC000932
601 North Fern Creek Avenue
Suite 100 Orlando, FL
32805-4899
Tel. (407) 896-7875
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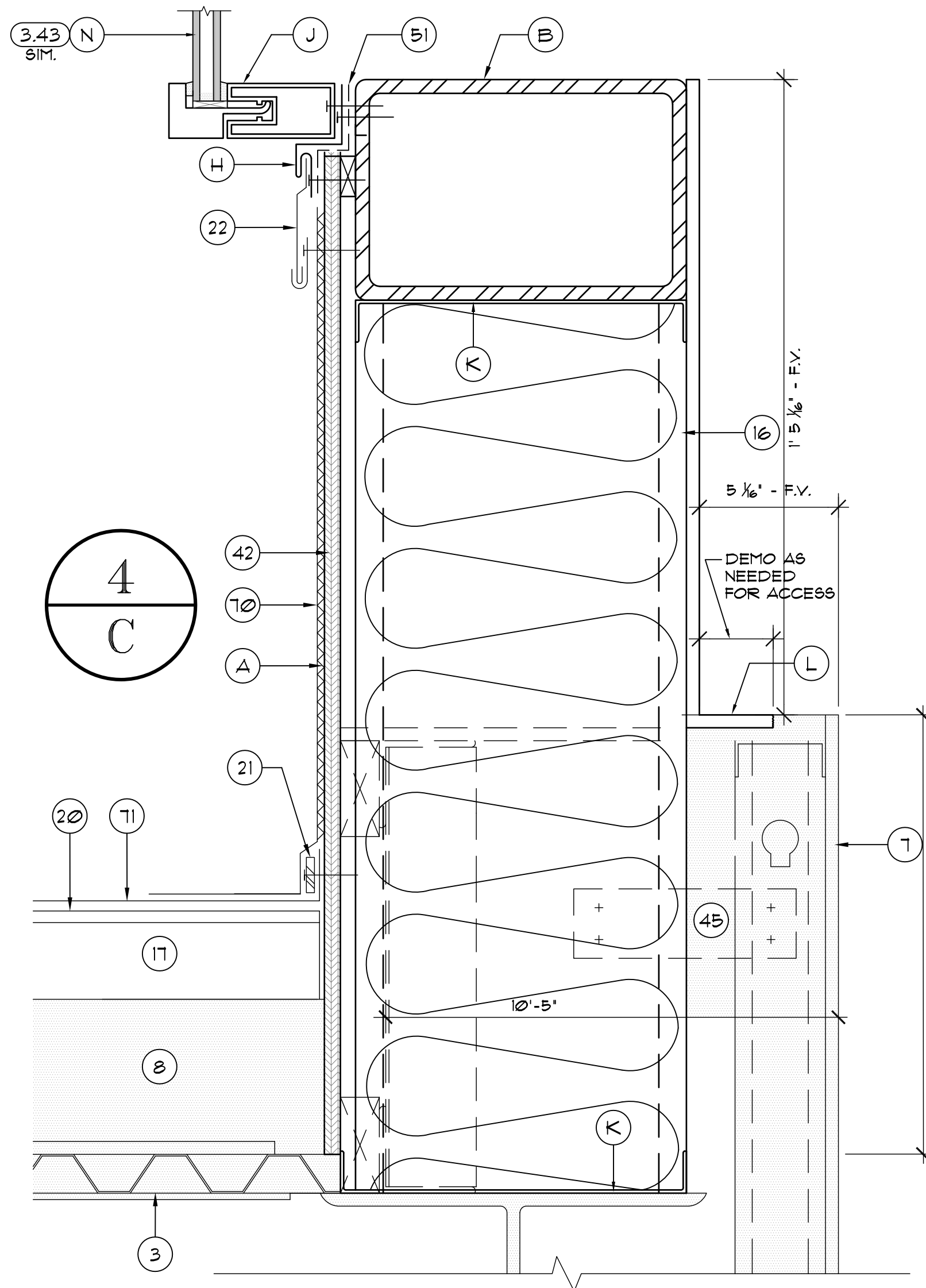
BASE CONSULTANTS
Engineers & Constructors, LLC
1021662
CERTIFICATE OF AUTHORIZATION NO. 12764
LAURA BARBERO/PRPA, P.E., N.L. 74377
1714 EAST CHICAGO STREET
ORLANDO, FLORIDA 32813
P. 407.837.9727

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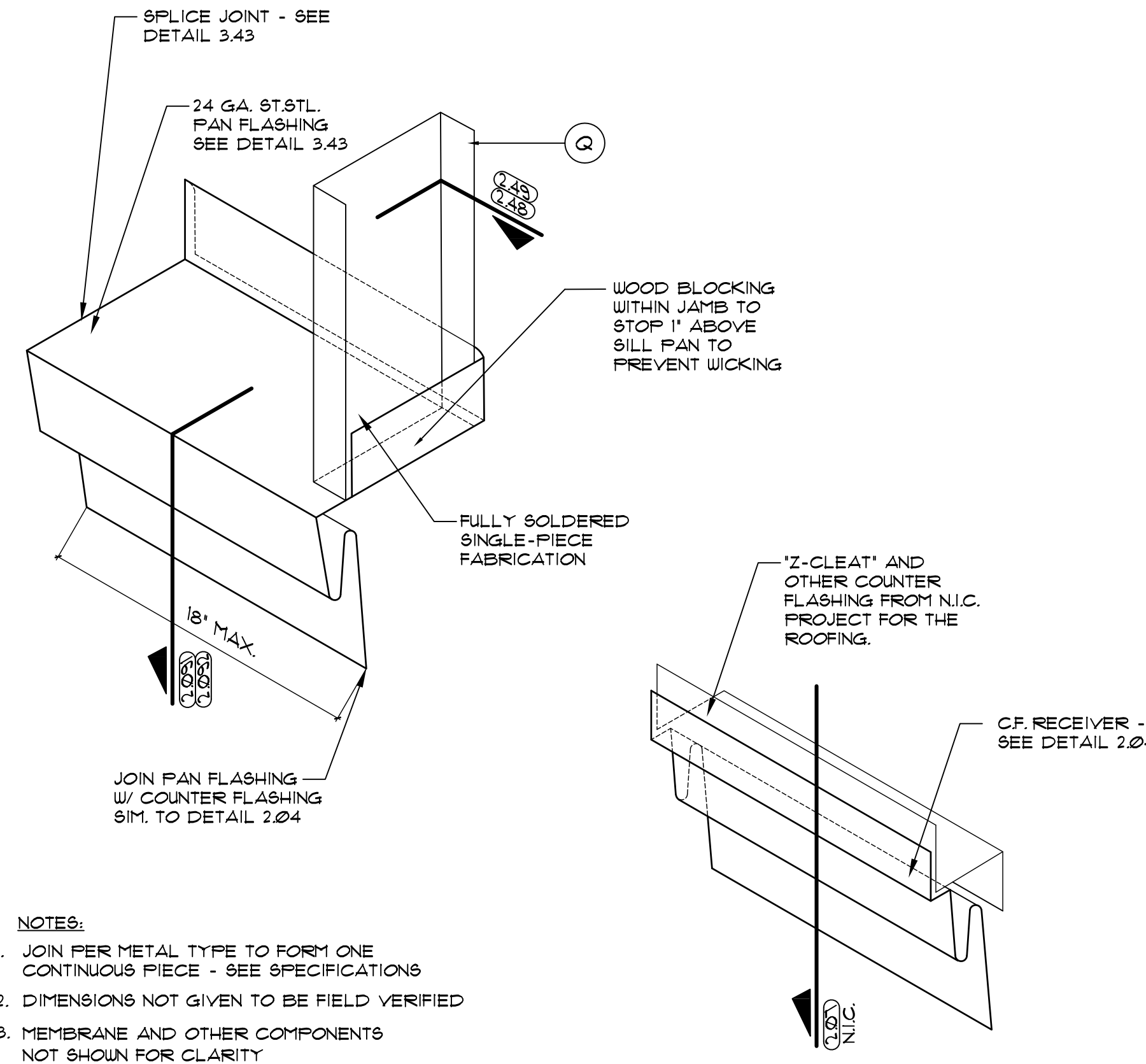
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DETAILS 2.094 THRU 2.131
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 CHECKED BY: JJW
 DATE: 09-01-2017
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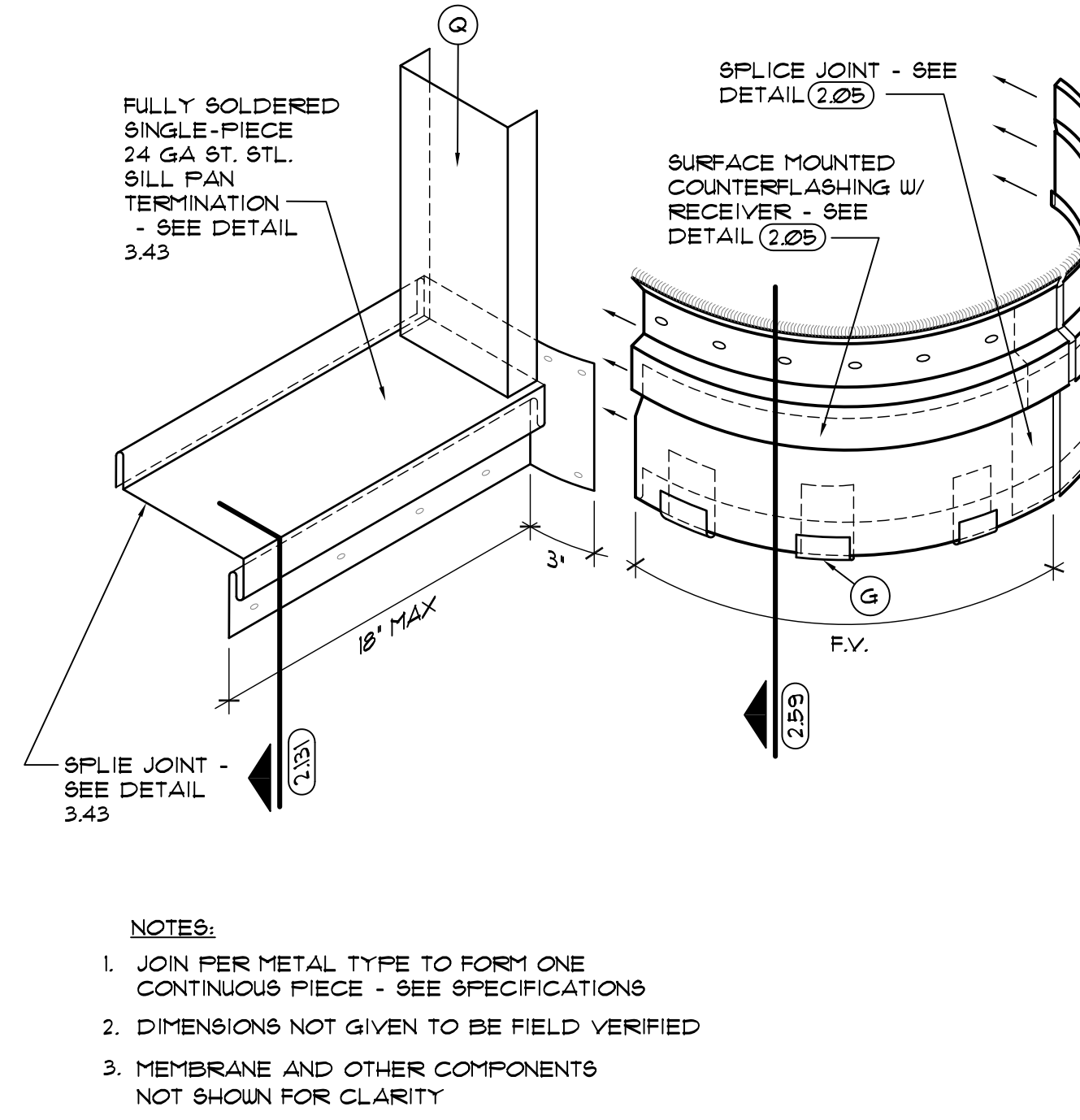
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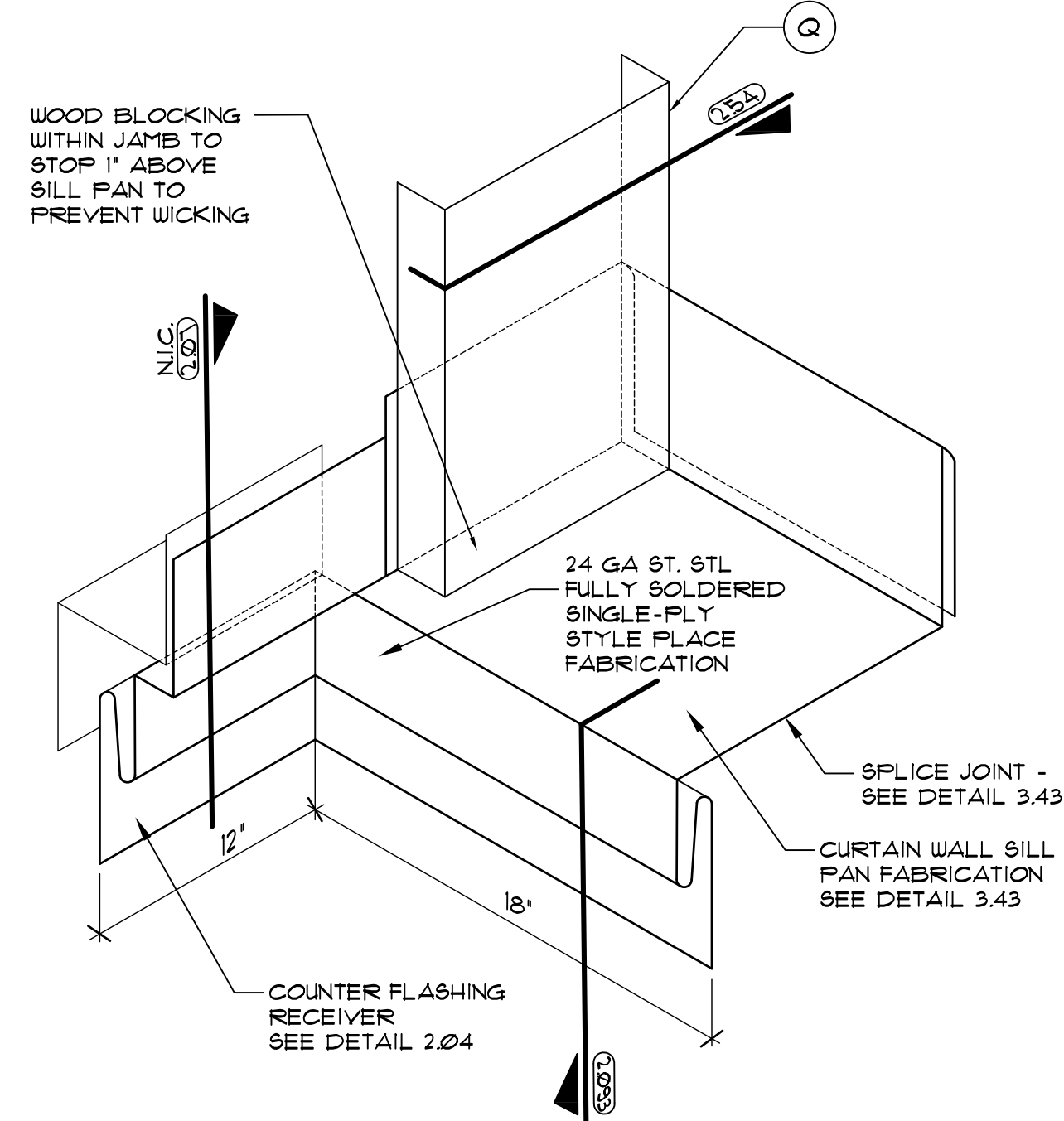
2.132 NEW SILL FLASHING AT GLAZING SYSTEM (4.1) AT ROOF 4/C BARREL VAULT END
SCALE: 3/4"=1'-0"



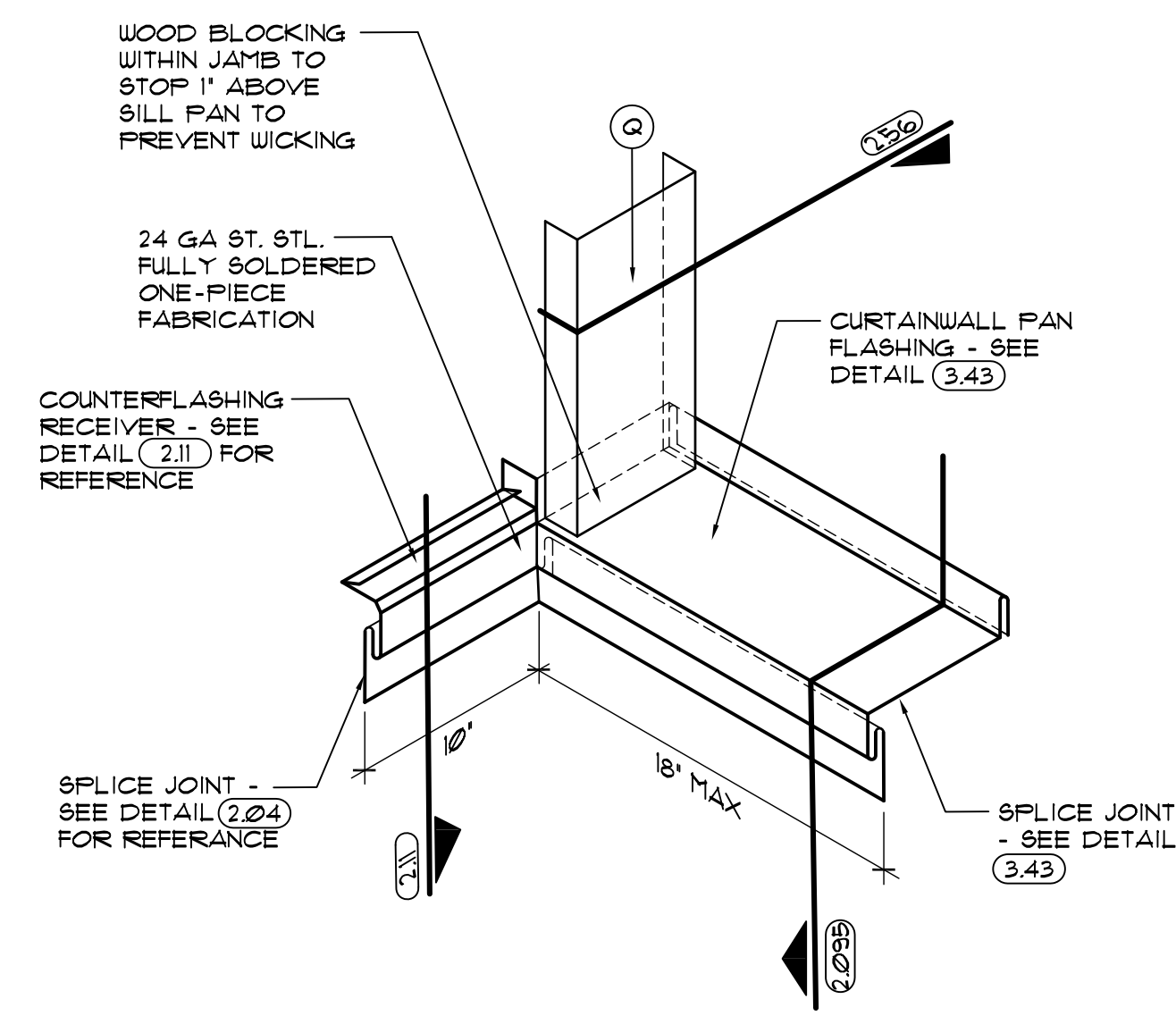
2.21 TYP. PAN FLASHING TERMINATION DETAIL AT FLUSH PANEL
SCALE: 3/4"=1'-0"



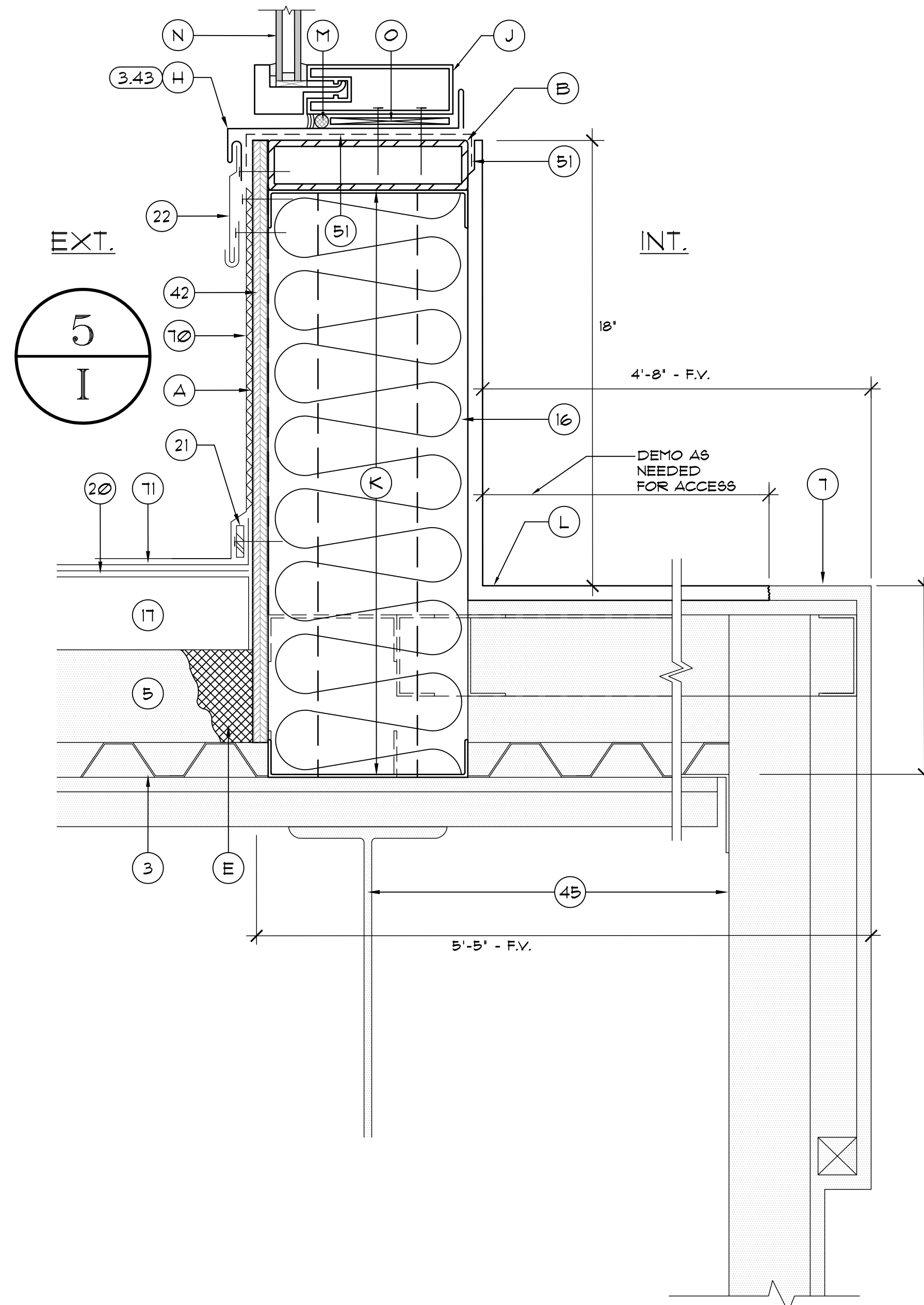
2.22 SILL PAN CORNER TERMINATION DETAIL AT SYSTEM 4.1
SCALE: 3/4"=1'-0"



2.23 TYP. SILL PAN TERMINATION AT PERPENDICULAR WALL
SCALE: 3/4"=1'-0"



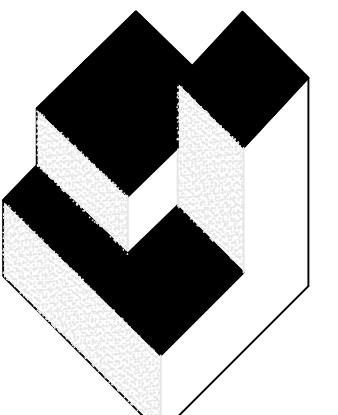
2.231 SILL PAN CORNER TERMINATION AT CONCRETE PANEL WALL
SCALE: 3/4"=1'-0"



2.321 NEW SILL FLASHING AT GLAZING SYSTEM (5.2) AT ROOF 5/I
SCALE: 3/4"=1'-0"

DETAILS NOTES

2. EXISTING METAL STUD WALL
3. EXISTING METAL DECK
4. EXISTING PRECAST CONC. PANEL PARAPET
5. EXISTING RIGID INSULATION TO REMAIN
6. EXISTING SHEATHING TO REMAIN
7. EXISTING PAINTED AND FINISHED INTERIOR DRYWALL TO REMAIN
8. EXISTING LIGHTWEIGHT INSULATING CONCRETE
11. EXISTING CONCRETE/CMU BLOCK WALL
16. BATT INSULATION
17. NON-TAPERED RIGID INSULATION BY OTHERS
18. TAPERED RIGID INSULATION BY OTHERS
20. 1/2\"/>
- 21. SURFACE APPLIED TERMINATION BAR BY OTHERS
- 22. TWO-PIECE SURFACE APPLIED COUNTERFLASHING
- 23. SEALANT
- 24. FLASHING TAPE
- 41. P.T. WOOD BLOCKING TO BE FASTENED AT 12\"/>
- 42. 3/8\"/>
- 45. EXISTING STRUCTURE
- 51. DRY-IN MEMBRANE
- 59. 24 GA ST. STL. SKIRT METAL
- 10. FLEXIBLE SHEET FLASHING BY OTHERS
- 11. FLEXIBLE SHEET MEMBRANE BY OTHERS
- 133. EXISTING WOOD BLOCKING TO REMAIN
- A. MFR. APPROVED ADHESIVE BY OTHERS
- B. NEW KNEE WALL - SEE STRUCTURAL DRAWINGS
- C. NEW ST. STL. FASTENER W/ NEOPRENE BACKED WASHER - BACK OUT EXIST. FASTENER AND REPLACE WITH ONE SIZE LARGER AT EXIST. LOCATIONS
- D. EXIST. METAL PANEL WALL SYS. TO REMAIN
- E. INFILL AREA AS NEEDED W/ FOAM OR RIGID INSULATION PRIOR TO INSTALLATION OF N.I.C. ROOFING PROJECT
- F. ST. STL. DRIVE PIN FASTENER W/ NEOPRENE BACKED METAL WASHER # 8\"/>
- G. 3\"/>
- H. NEW SILL PAN FOR CURTAIN WALL SYSTEM
- I. NEW CURTAIN WALL FRAMING BEYOND
- J. NEW CURTAIN WALL FRAMING
- K. NEW STUD WALL - SEE STRUCTURAL
- L. NEW DRYWALL, PAINT, AND FINISH TO MATCH EXIST. PRIOR TO DEMOLITION
- M. CLOSED CELL POLYURETHANE TUBING
- N. NEW CURTAIN WALL GLAZING PANELS
- O. NEW MANUFACTURER'S APPROVED PLASTIC SHIM
- P. INSTALL NEW FURRING AS NEEDED TO MATCH AND SUPPORT TO MATCH DEPTH OF NEW DRYWALL TO MATCH EXIST.
- Q. INSTALL NEW BLOCKING AROUND GLAZING PERIMETER TO SUPPORT NEW GLAZING SYSTEM. ADD SHIMS BENEATH BLOCKING AS NEEDED TO REDUCE DEFLECTION. INSTALL ALUMINUM CAP TO MATCH CURTAIN WALL FRAME COLOR. @240\"/>
- R. EXISTING PAINTED STUCCO TO REMAIN



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Suite 100 Orlando, FL
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JOSEPH J. WILLIAMS AR-0079864

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NO.	DATE	BY:



CONSULTANTS
12519602
CORPORATE OF AUTHORIZATION NO. 1254
LAURA BARBERO/DRUPPA, P.E. No. 74327
1714 EAST CHANDLER STREET
ORLANDO, FLORIDA 32813
P. 407.357.0527

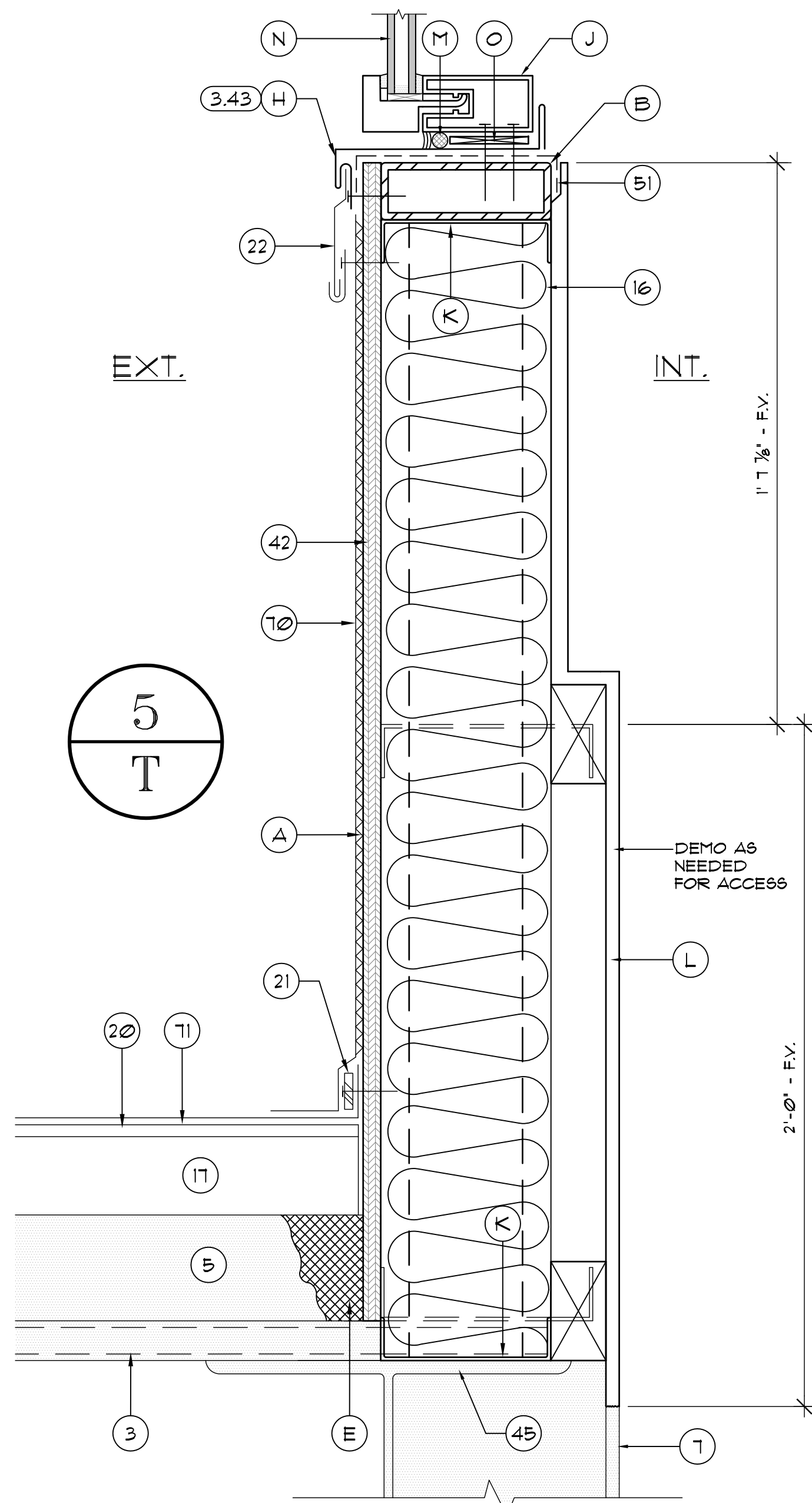
DESIGNATED REPAIRS OF:
OCCC WEST BUILDING CURTAIN WALL REPLACEMENT
ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 16032.00
DRAWN BY: TAH
CHECKED BY: JJW
DATE: 09-01-2017
SCALE: NTS
PLOT SCALE:

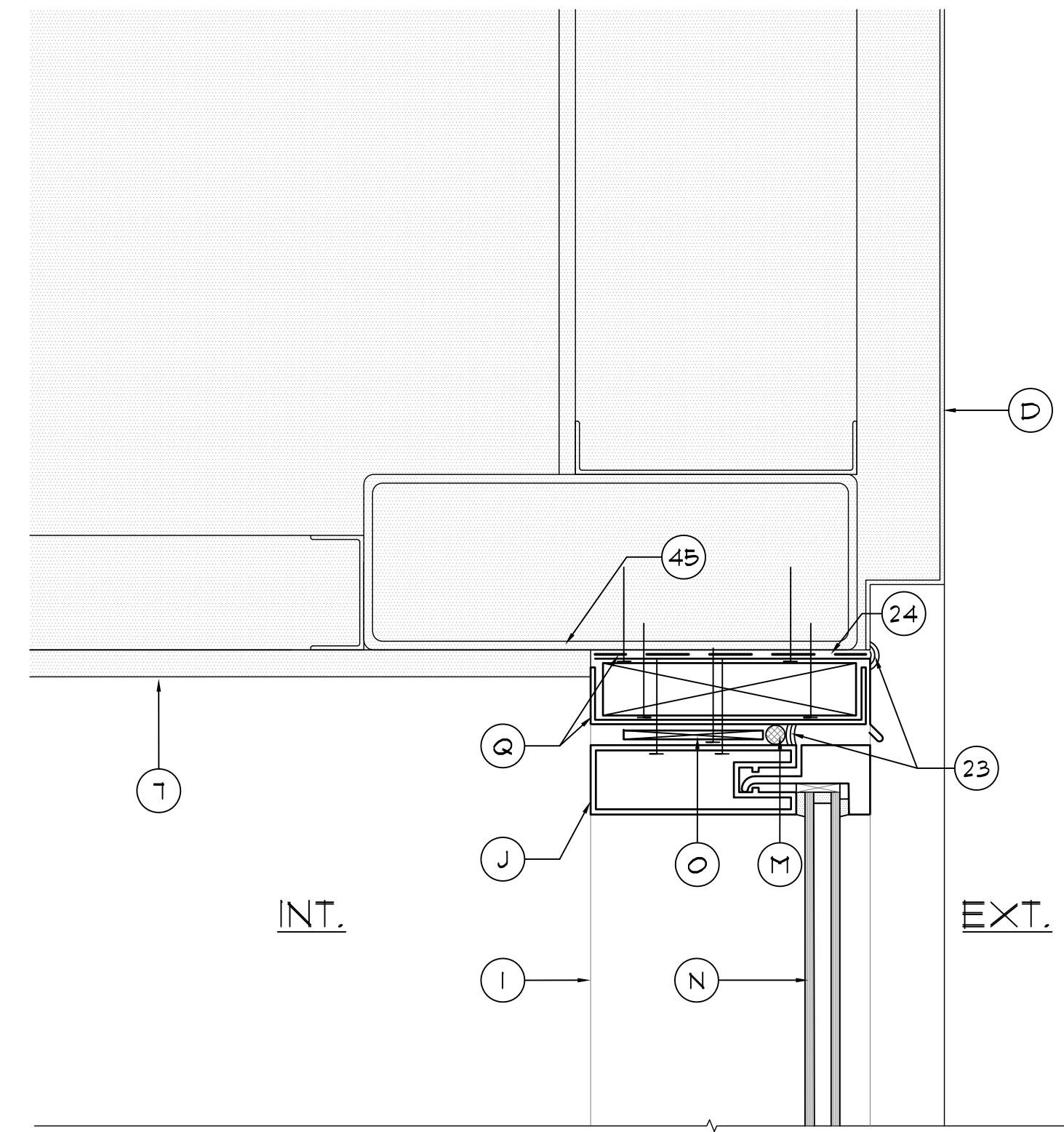
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SHEET NO.:
14 OF 28 SHEET(S)

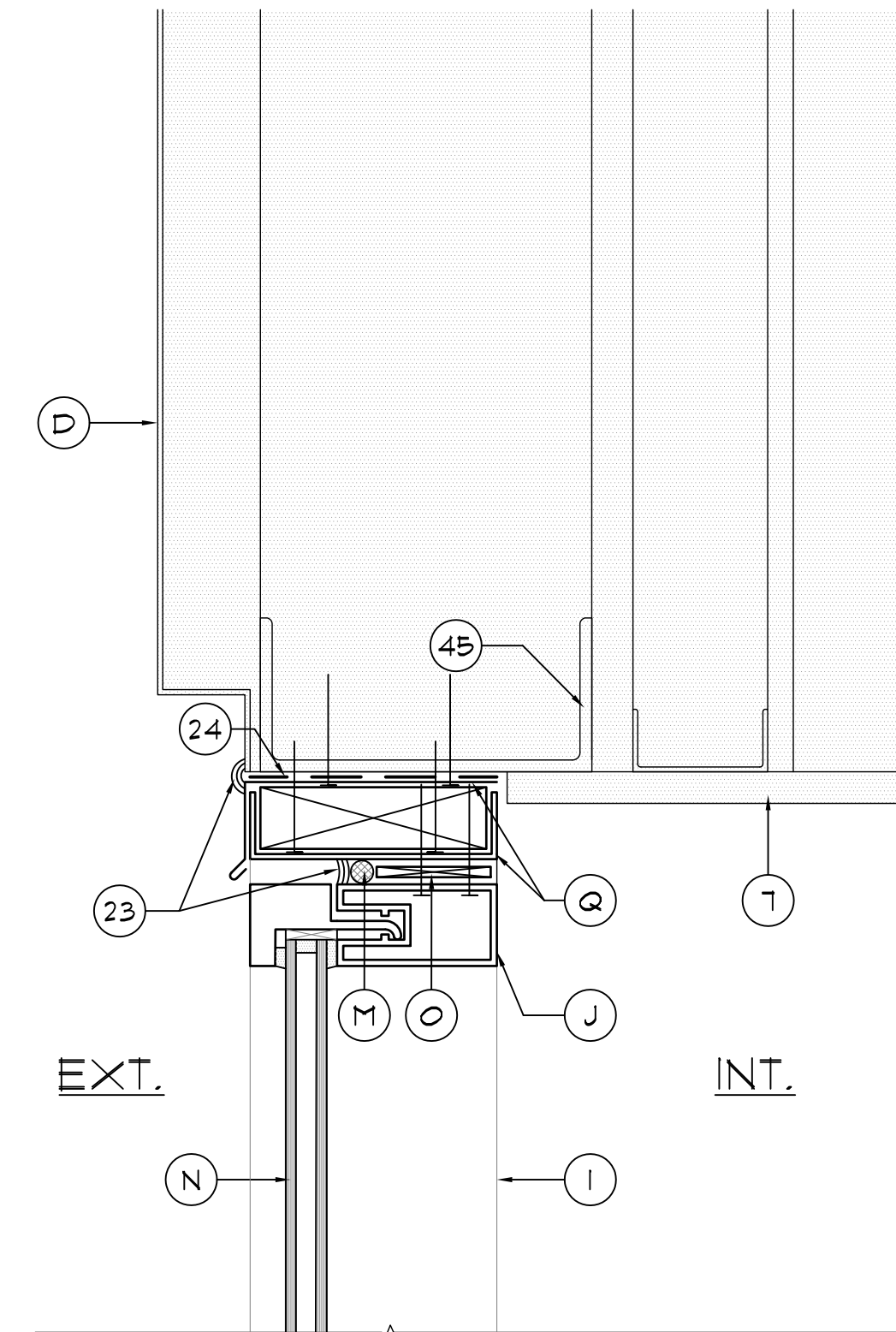
DETAILS 2.132 THRU 2.321



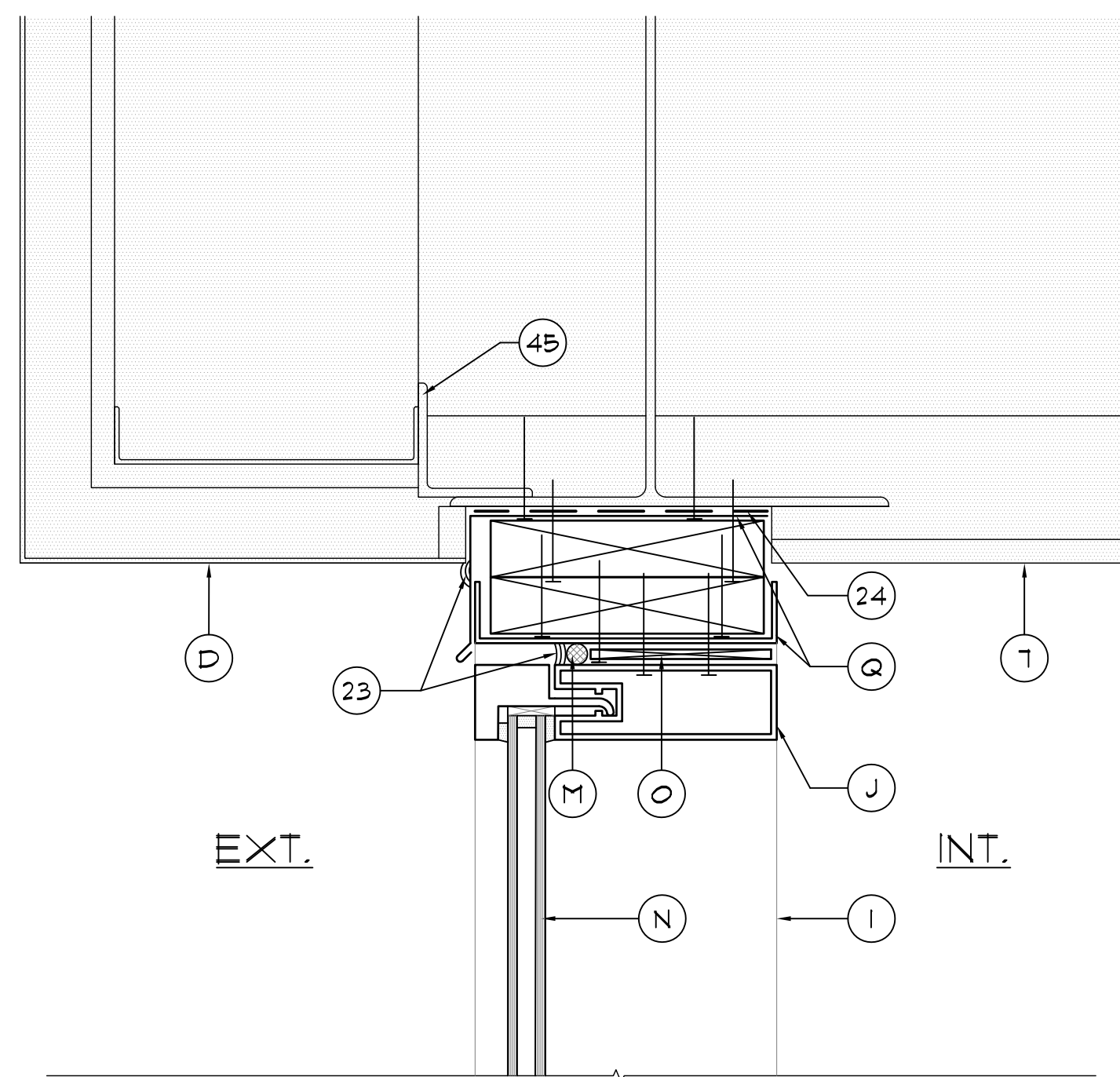
2.322 NEW SILL FLASHING AT GLAZING SYSTEM (5.2) AT ROOF 5/T
SCALE: 3/4"=1'-0"



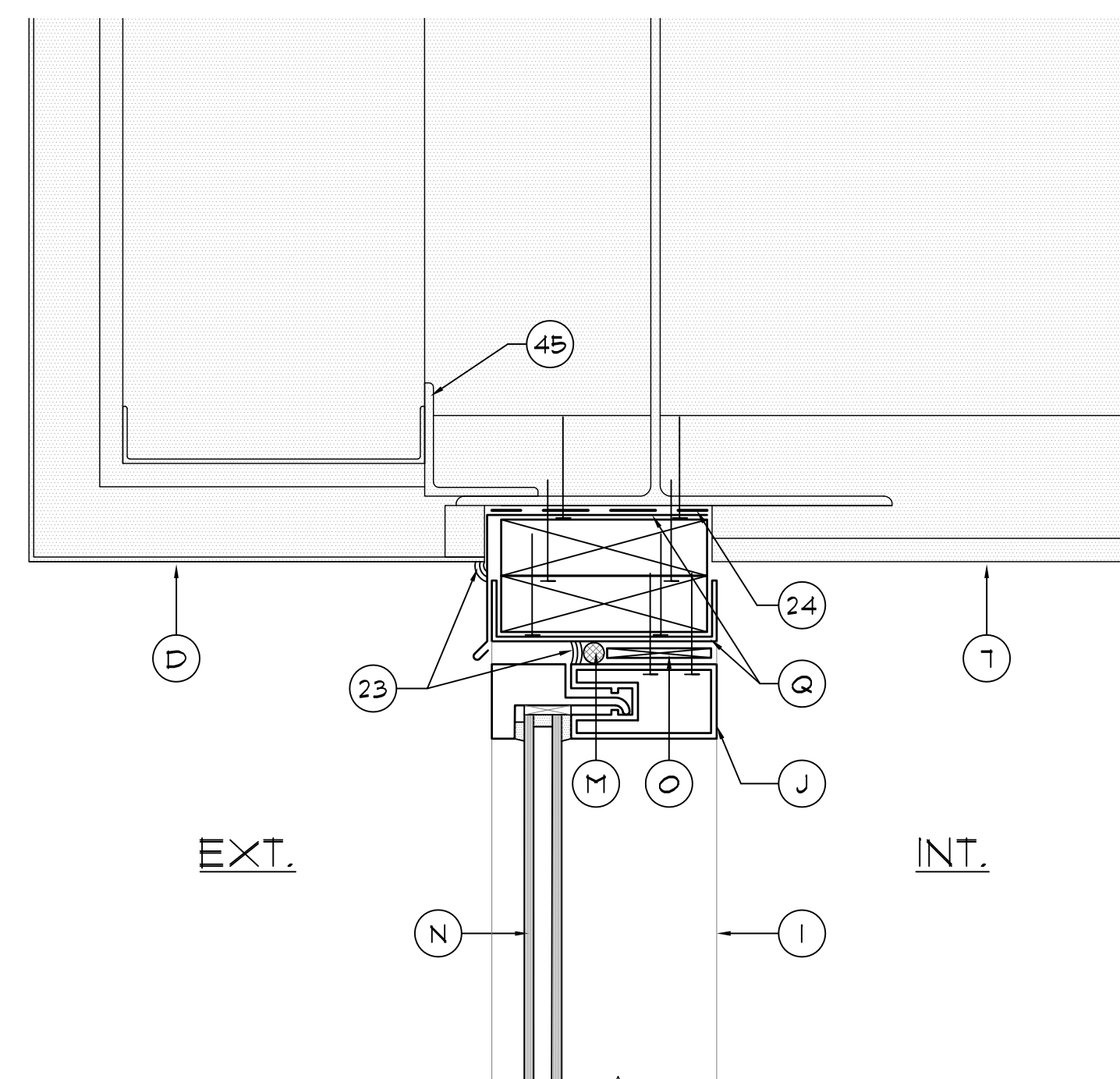
2.328 NEW HEAD FLASHING AT GLAZING SYSTEM (3.1)
SCALE: 3/4"=1'-0"



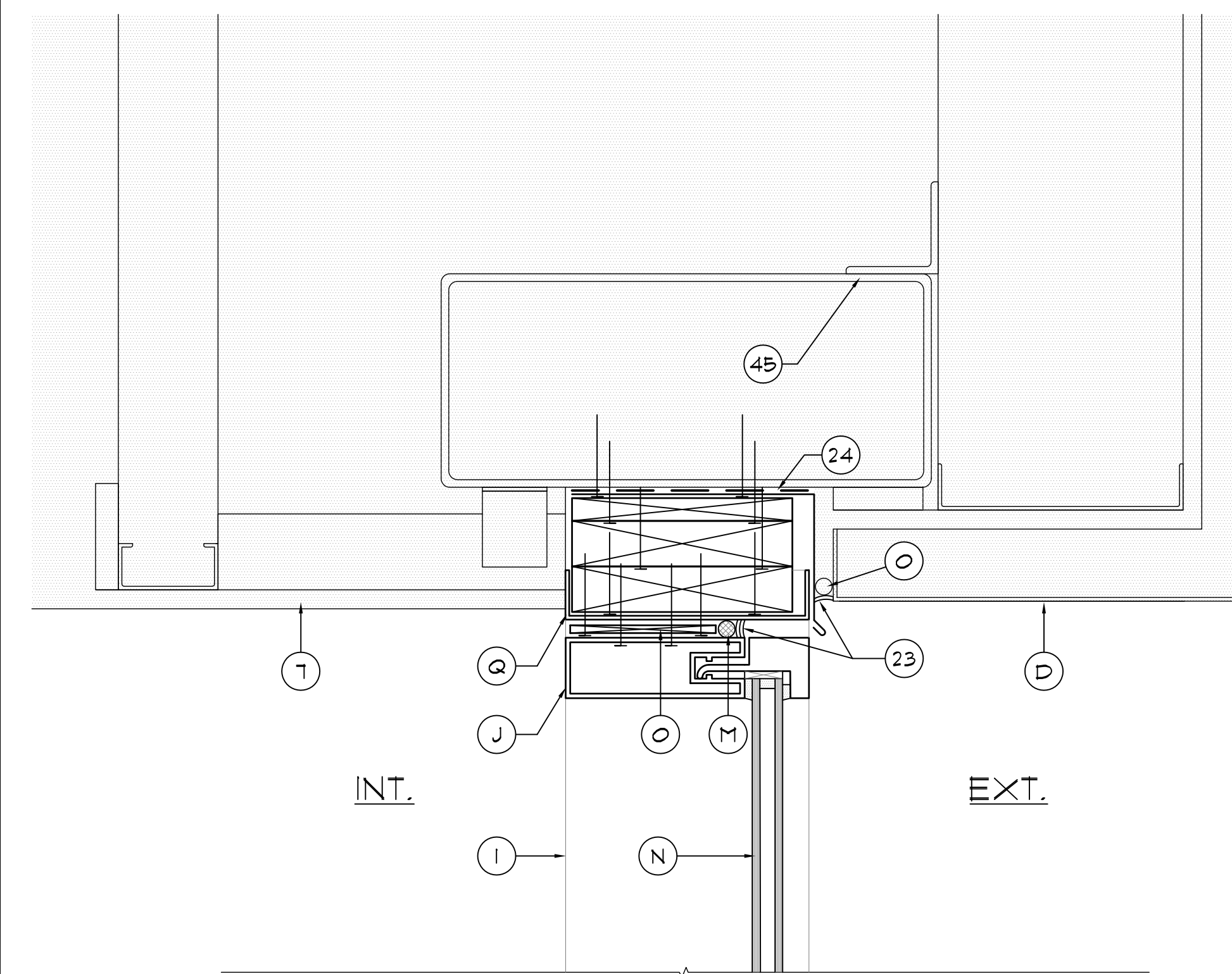
2.329 NEW HEAD FLASHING AT GLAZING SYSTEM (3.2)
SCALE: 3/4"=1'-0"



2.40 NEW HEAD FLASHING AT GLAZING SYSTEM (5.1) AT ROOF 5/I
SCALE: 3/4"=1'-0"



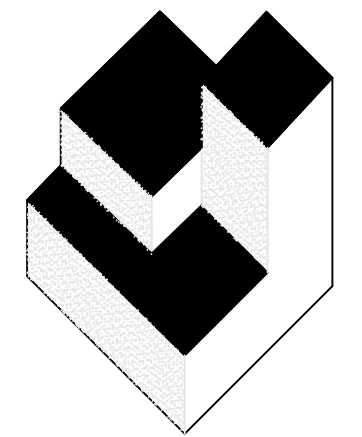
2.41 NEW HEAD FLASHING AT GLAZING SYSTEM (5.1) AT ROOF 5/K
SCALE: 3/4"=1'-0"



2.42 NEW HEAD FLASHING AT GLAZING SYSTEM (5.3) AT ROOF 5/F
SCALE: 3/4"=1'-0"

DETAILS NOTES

2. EXISTING METAL STUD WALL
3. EXISTING METAL DECK
4. EXISTING PRECAST CONC. PANEL PARAPET
5. EXISTING RIGID INSULATION TO REMAIN
6. EXISTING SHEATHING TO REMAIN
7. EXISTING PAINTED AND FINISHED INTERIOR DRYWALL TO REMAIN
8. EXISTING LIGHTWEIGHT INSULATING CONCRETE
9. EXISTING CONCRETE/CMU BLOCK WALL
10. BATT INSULATION
11. NON-TAPERED RIGID INSULATION BY OTHERS
12. TAPERED RIGID INSULATION BY OTHERS
13. 1/2" GYPSUM ROOF BOARD BY OTHERS
14. SURFACE APPLIED TERMINATION BAR BY OTHERS
15. TWO-PIECE SURFACE APPLIED COUNTERFLASHING
16. SEALANT
17. FLASHING TAPE
18. PT. WOOD BLOCKING TO BE FASTENED AT 12" O.C. (MAX.) AND STAGGER - COUNTERSINK HEADS
19. 3/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP & BOTTOM & STAGGER - COUNTERSINK HEADS
20. EXISTING STRUCTURE
21. DRY-IN MEMBRANE
22. 24 GA ST. SKIRT METAL
23. FLEXIBLE SHEET FLASHING BY OTHERS
24. FLEXIBLE SHEET MEMBRANE BY OTHERS
25. EXISTING WOOD BLOCKING TO REMAIN
26. MFR. APPROVED ADHESIVE BY OTHERS
27. NEW KNEE WALL - SEE STRUCTURAL DRAWINGS
28. NEW ST. STL. FASTENER W/ NEOPRENE BACKED WASHER - BACK OUT EXIST. FASTENER AND REPLACE WITH ONE SIZE LARGER AT EXIST. LOCATIONS
29. EXIST. METAL PANEL WALL SYS. TO REMAIN
30. INFILL AREA AS NEEDED W/ FOAM OR RIGID INSULATION PRIOR TO INSTALLATION OF N.I.C. ROOFING PROJECT
31. ST. STL. DRIVE PIN FASTENER W/ NEOPRENE BACKED METAL WASHER @ 8" O.C.
32. 3" WIDE 26 GA ST. STL. RETAINER CLEATS @ 18" O.C. - ANCHOR W/ 2 FASTENERS EACH - BEND UP IN FIELD TO SECURE SKIRT METAL
33. NEW SILL PAN FOR CURTAIN WALL SYSTEM
34. NEW CURTAIN WALL FRAMING BEYOND
35. NEW CURTAIN WALL FRAMING
36. NEW STUD WALL - SEE STRUCTURAL
37. NEW DRYWALL, PAINT, AND FINISH TO MATCH EXIST. PRIOR TO DEMOLITION
38. CLOSED CELL POLYURETHANE TUBING
39. NEW CURTAIN WALL GLAZING PANELS
40. NEW MANUFACTURER'S APPROVED PLASTIC SHIM
41. INSTALL NEW FURRING AS NEEDED TO MATCH AND SUPPORT TO MATCH DEPTH OF NEW DRYWALL TO MATCH EXIST.
42. INSTALL NEW BLOCKING AROUND GLAZING PERIMETER TO SUPPORT NEW GLAZING SYSTEM. ADD SHIMS BENEATH BLOCKING AS NEEDED TO REDUCE DEFLECTION. INSTALL ALUMINUM CAP TO MATCH CURTAIN WALL FRAME COLOR. @240" MIN. FABRICATION TO COVER WOOD BLOCKING AS SHOWN.
43. EXISTING PAINTED STUCCO TO REMAIN



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Associates
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Architecture
Roof Consulting
Construction Technology
LIC. NBR AAC000932
601 North Fern Creek Avenue
Suite 100 Orlando, FL
32803-4899
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Fax. (407) 898-6043
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JAMES W. RIPLEY AR-0018788
JOSEPH J. WILLIAMS AR-007984

REVISIONS

NO.	DATE	BY:



BASE
CONSULTANTS
ENGINEERS & ARCHITECTS
12519602
CERTIFICATE OF AUTHORIZATION NO. 27043
LAURA BARBERO DRUPEA, P.E., No. 74327
1714 EAST CHANDLER STREET
ORLANDO, FLORIDA 32811
P.O. BOX 10707

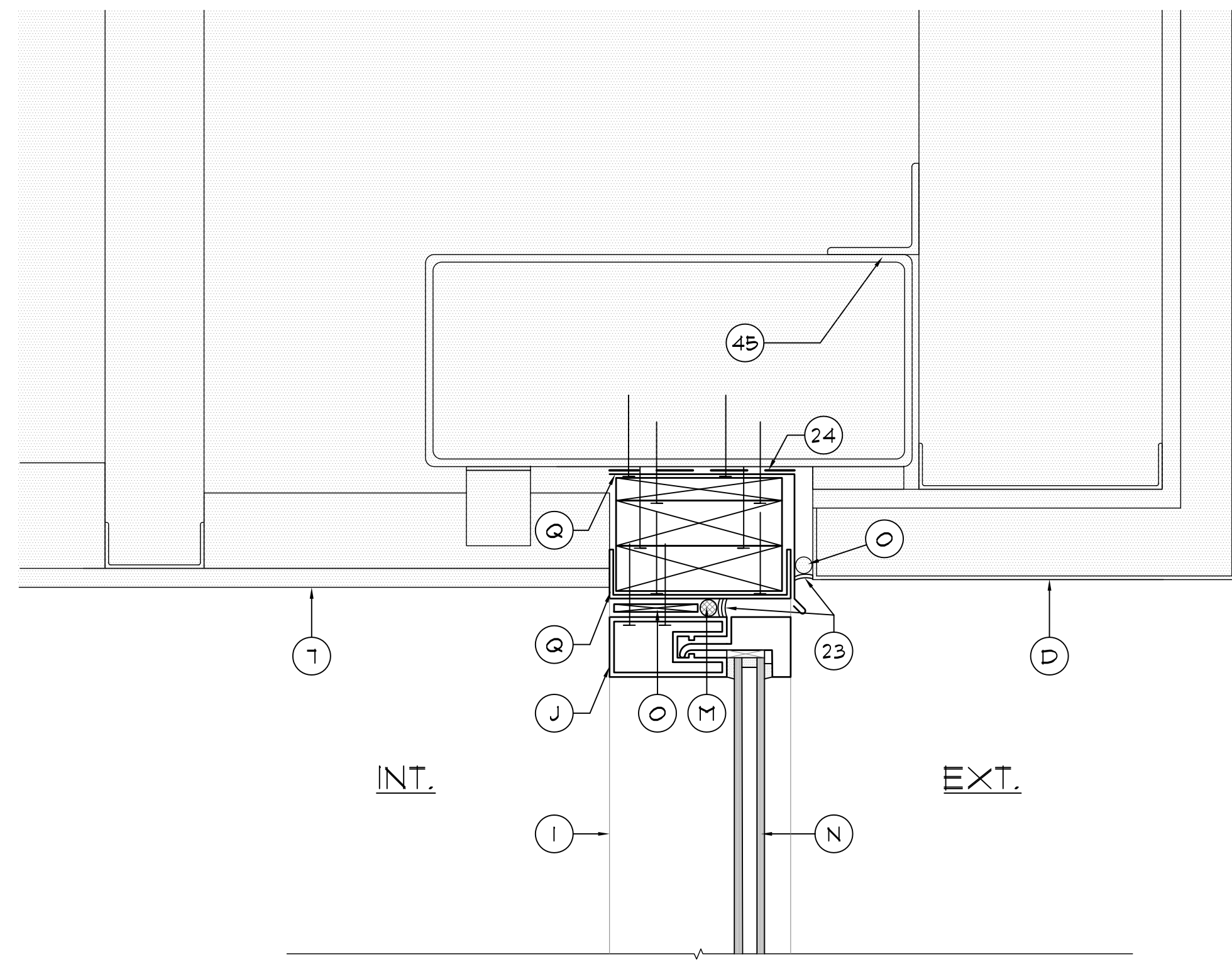
DESIGNATED REPAIRS OF:
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9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 16032.00
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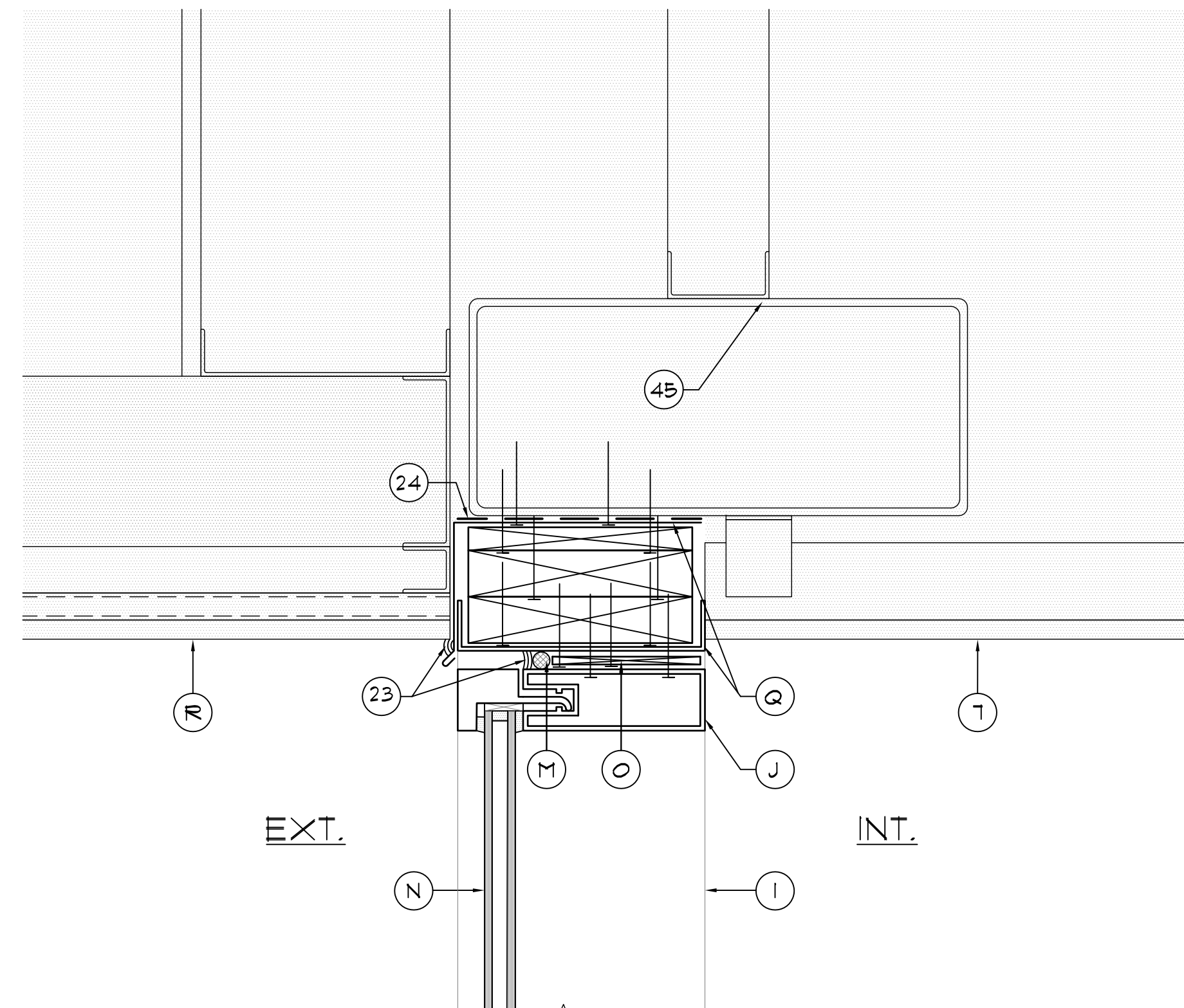
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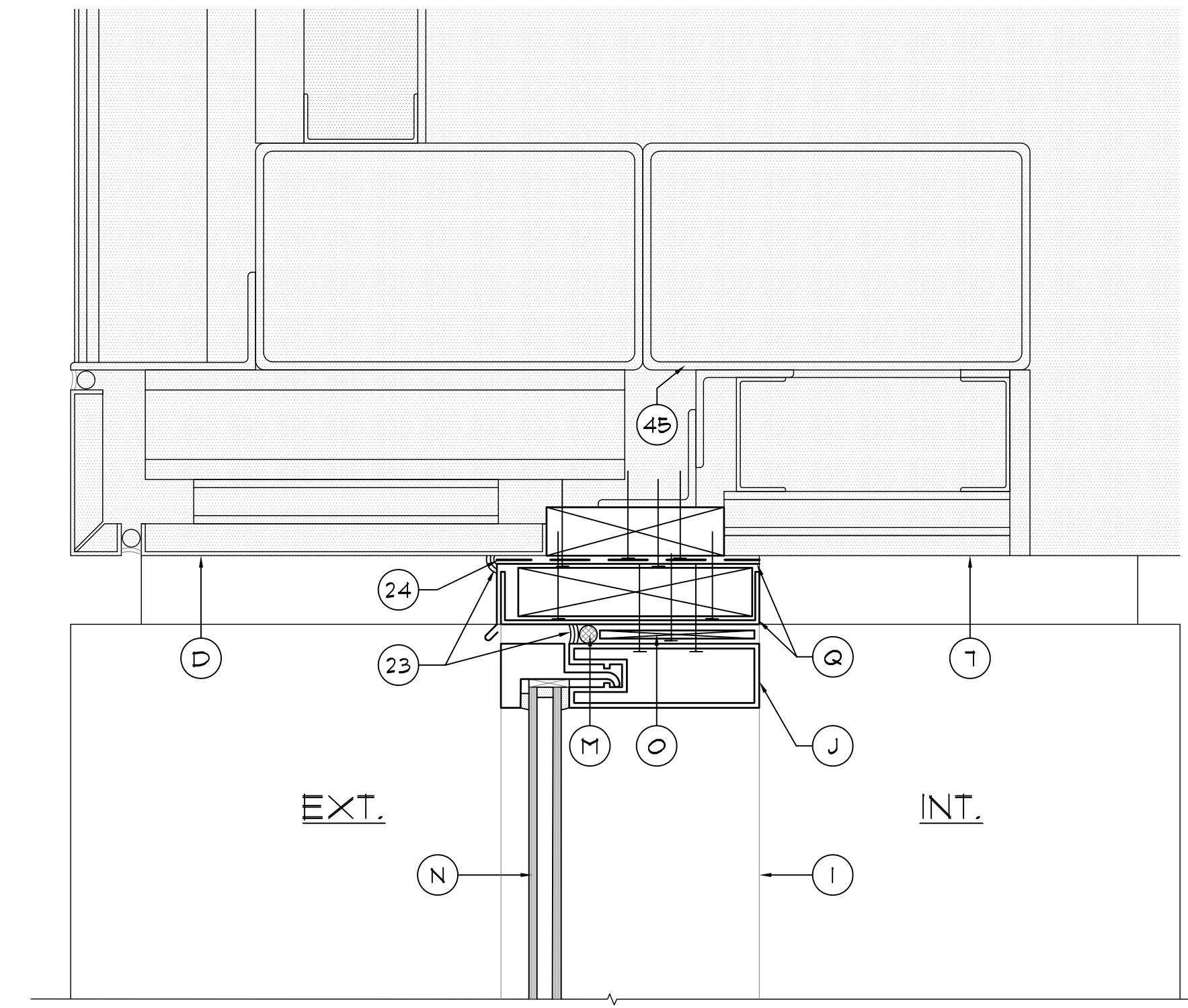
DETAILS 2.322 THRU 2.42



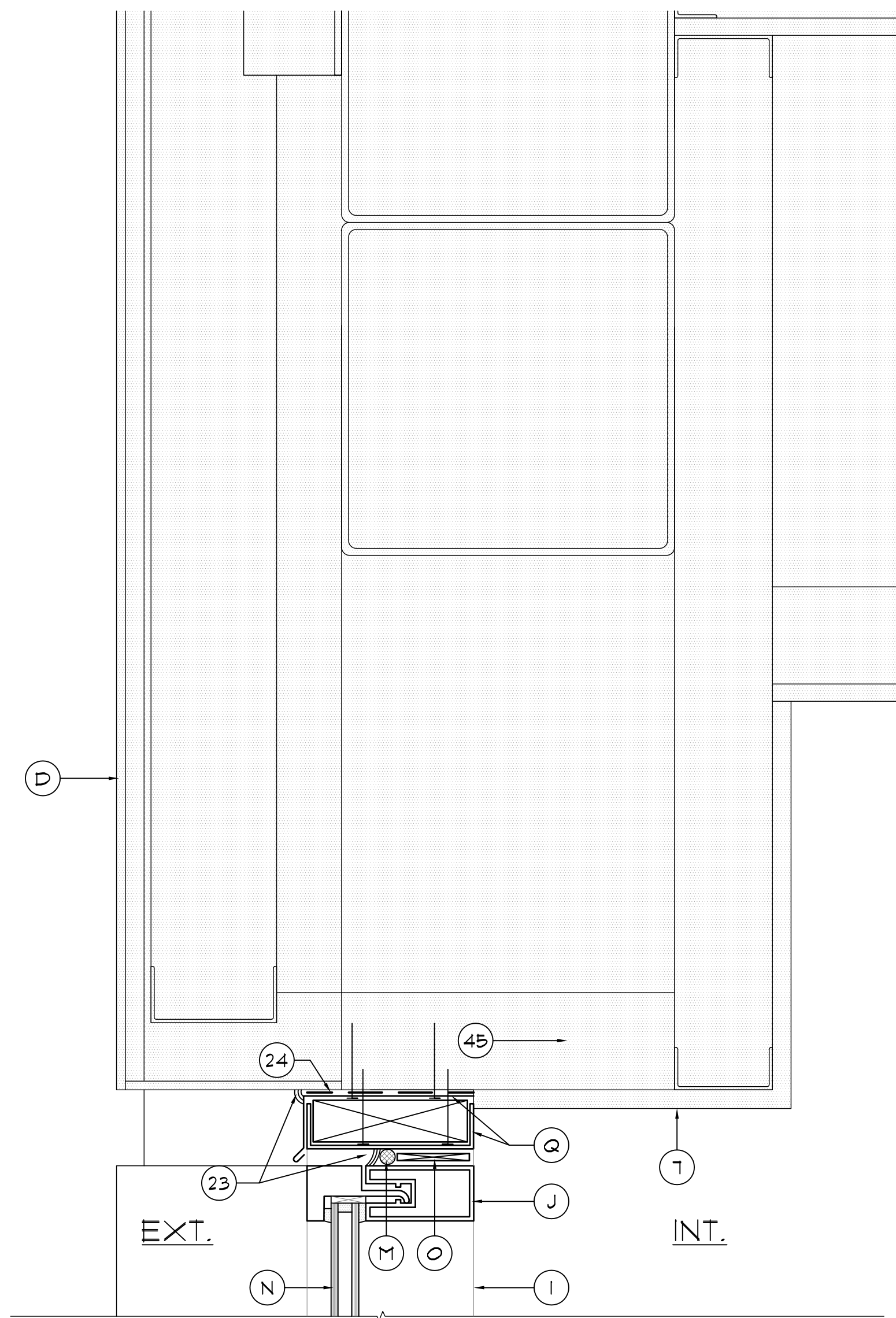
2.43 NEW HEAD FLASHING AT GLAZING SYSTEM (5.3) AT ROOF 5/G
SCALE: 3/4"=1'-0"



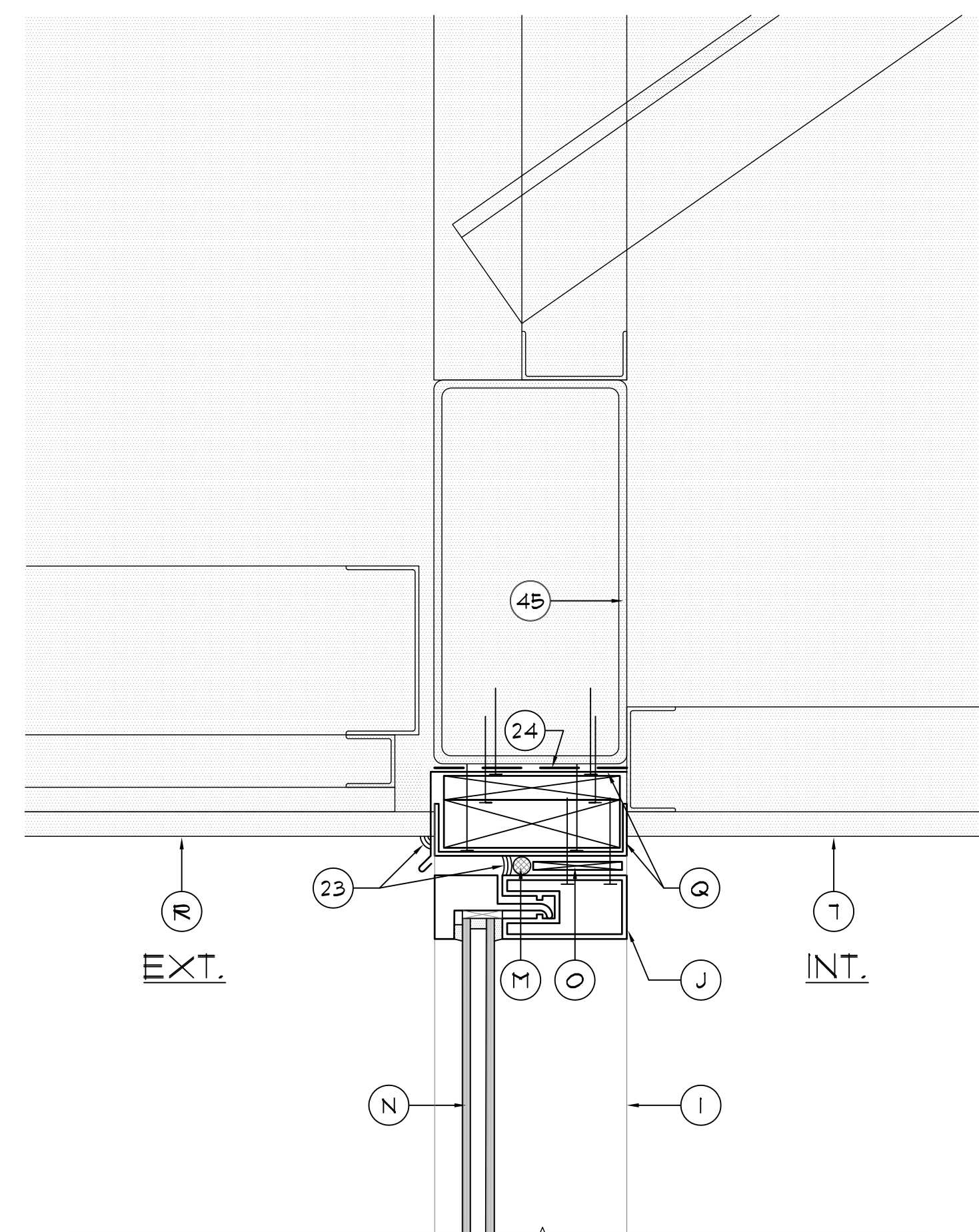
2.44 NEW HEAD FLASHING AT GLAZING SYSTEM (5.3) AT ROOF AREA 5/F
SCALE: 3/4"=1'-0"



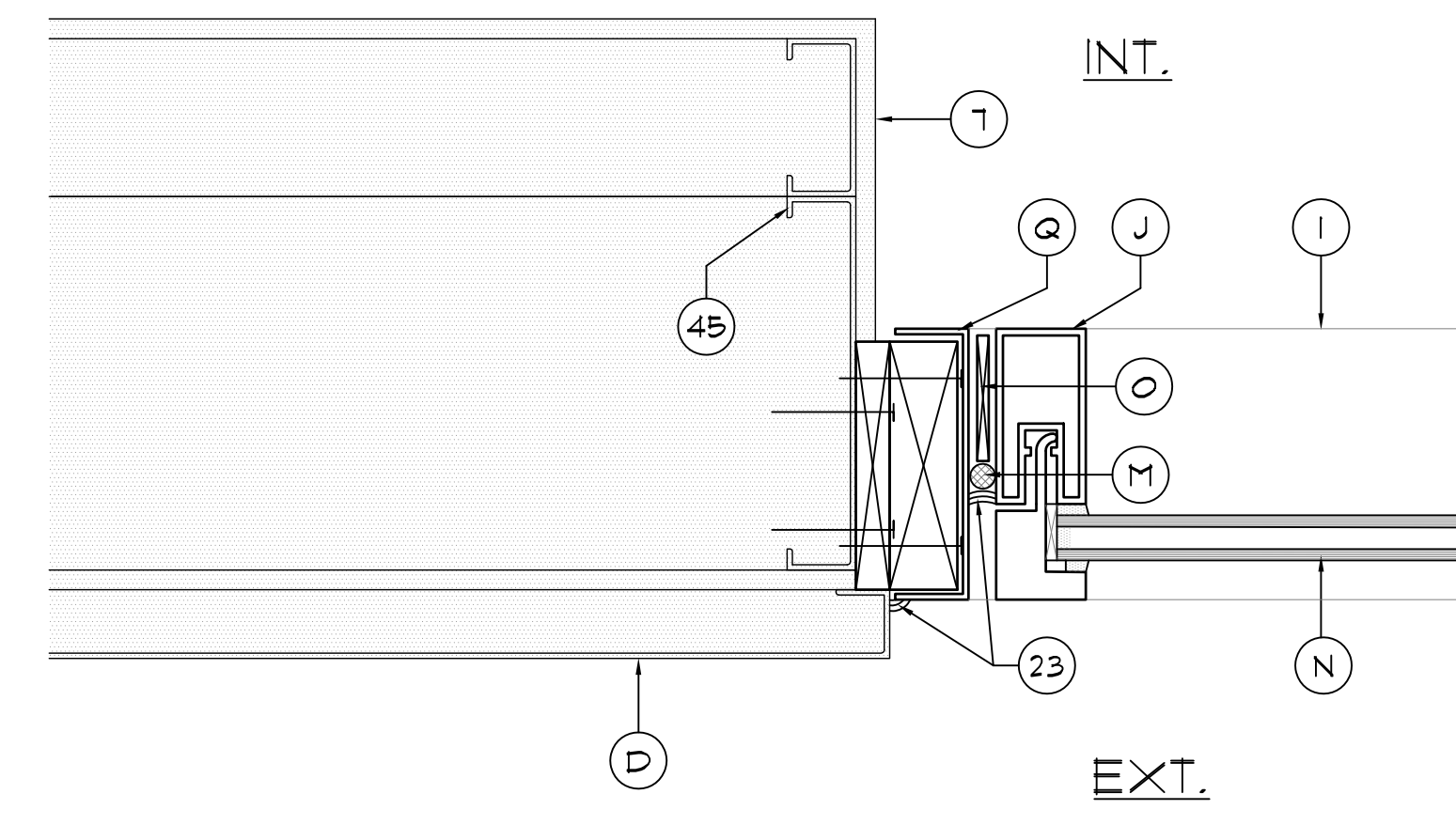
2.45 NEW HEAD FLASHING AT GLAZING SYSTEM (4.1) AT ROOF 4/C BARREL VAULT SIDE
SCALE: 3/4"=1'-0"



2.46 NEW CURVED JAMB FLASHING AT GLAZING SYSTEM (4.1) AT ROOF 4/C BARREL VAULT END
SCALE: 3/4"=1'-0"



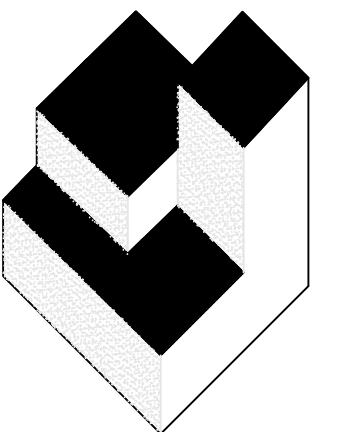
2.47 NEW HEAD FLASHING AT GLAZING SYSTEM (5.2) AT ROOF 5/T
SCALE: 3/4"=1'-0"



2.48 NEW JAMB FLASHING AT GLAZING SYSTEM (3.2) AT ROOF AREA 3/G
SCALE: 3/4"=1'-0"

DETAILS NOTES

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51. DRY-IN MEMBRANE
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Associates
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Architecture
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Construction Technology
LIC. NBR AAC000932
601 North Fern Creek Avenue
Suite 100 Orlando, FL
32803-4899
Tel. (407) 896-7875
Fax. (407) 898-6043
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JAMES W. RIPLEY AR-0017768
JOSEPH J. WILLIAMS AR-0077864

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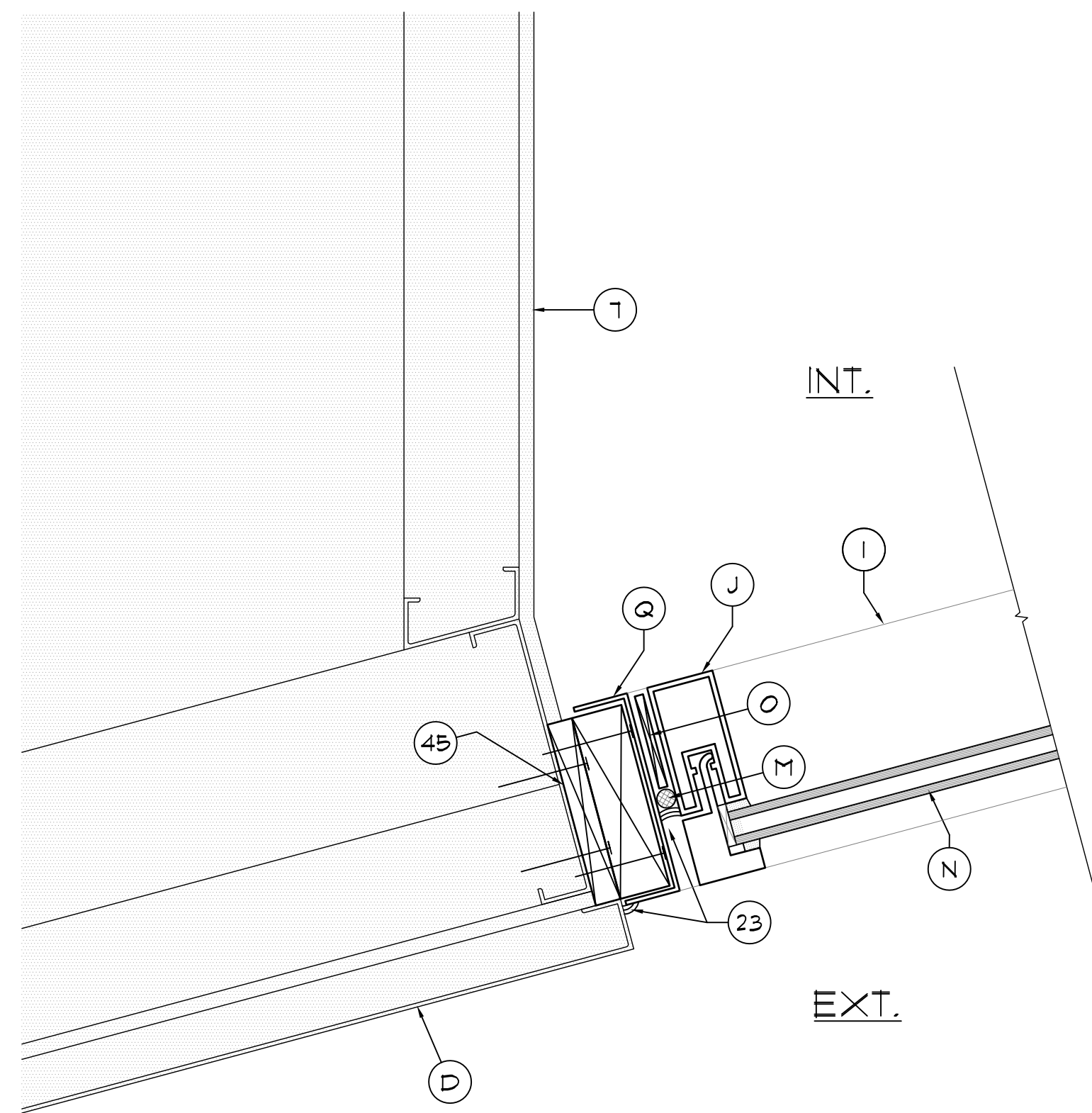
ENGINEERS & CONSULTANTS
12519602
CERTIFICATE OF AUTHORIZATION NO. 27043
LAURA BARBEROBUFFA, P.E., No. 74327
1714 EAST CHANDLER STREET
ORLANDO, FLORIDA 32813
P. 407.377.0727

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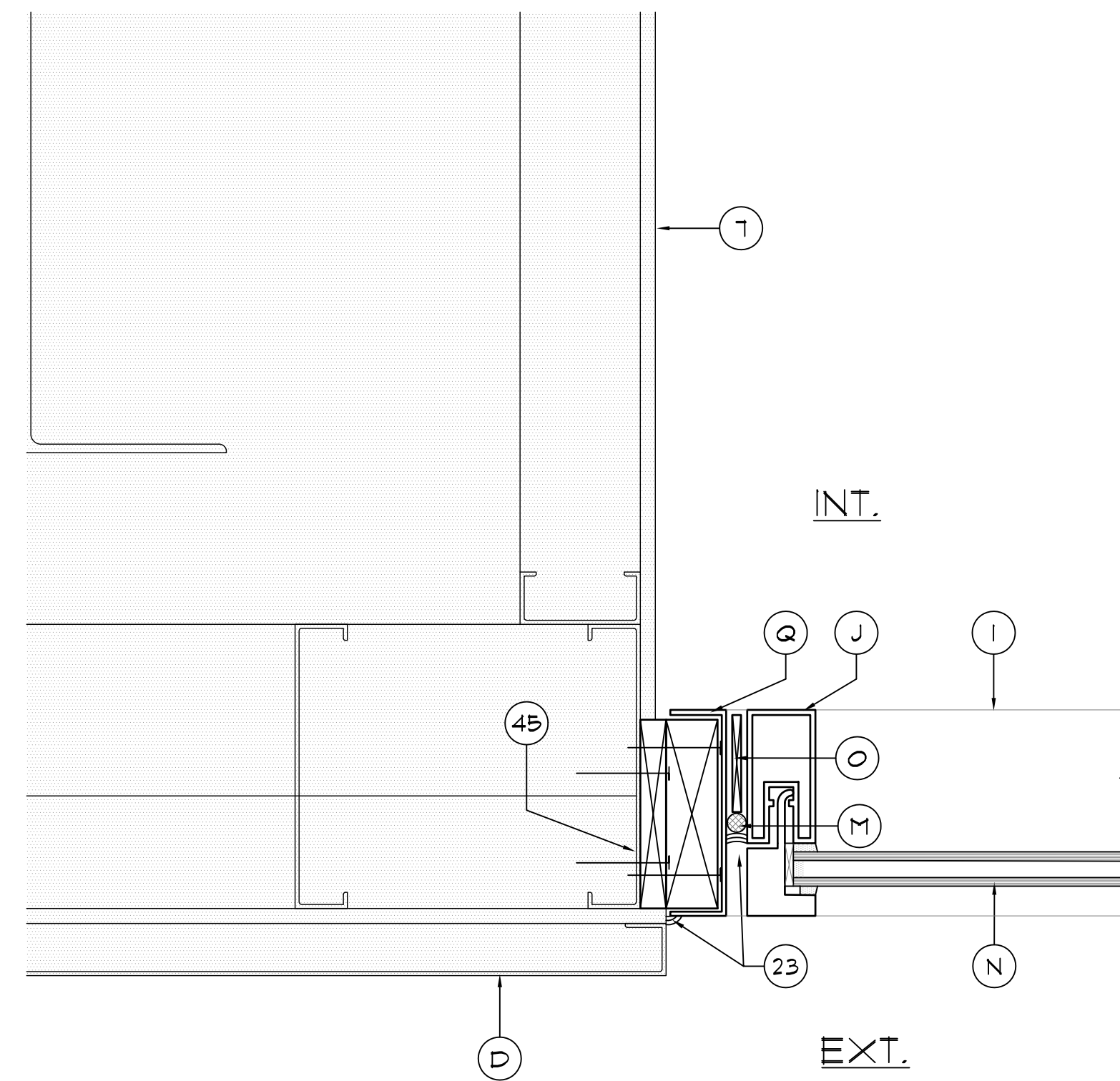
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CHECKED BY: JJW
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PLOT SCALE:

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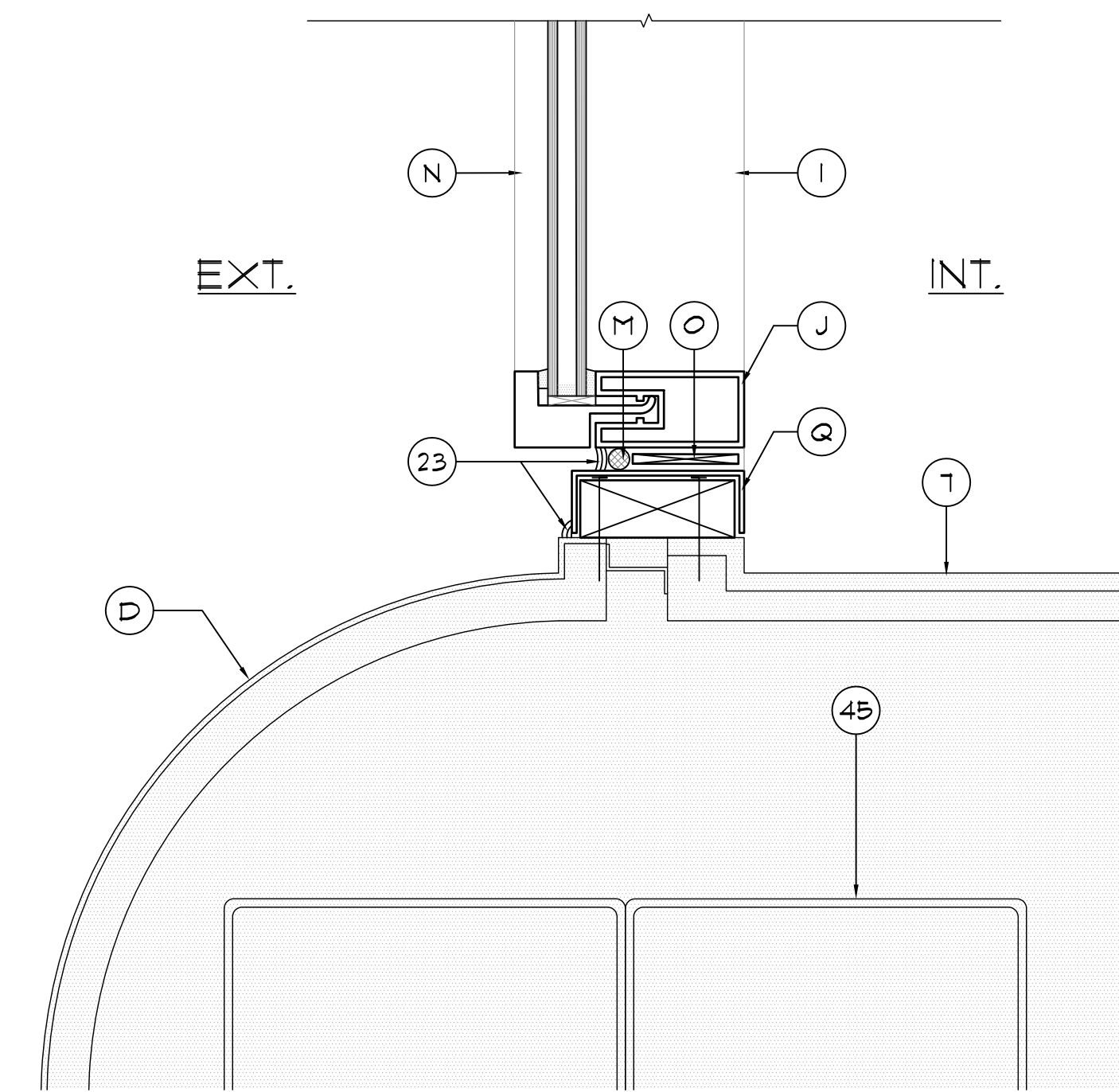
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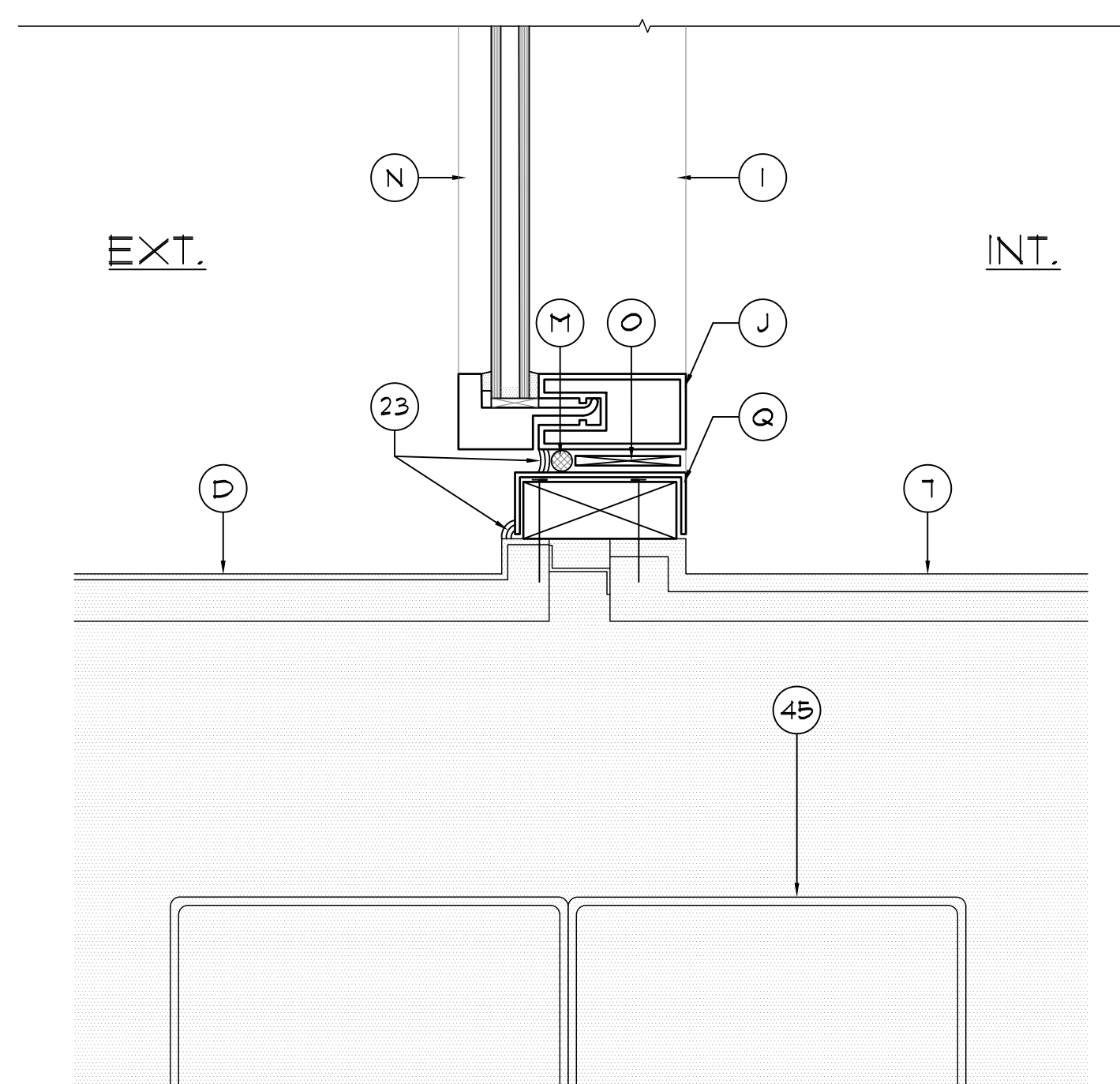
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SCALE: 3'-11"-0"



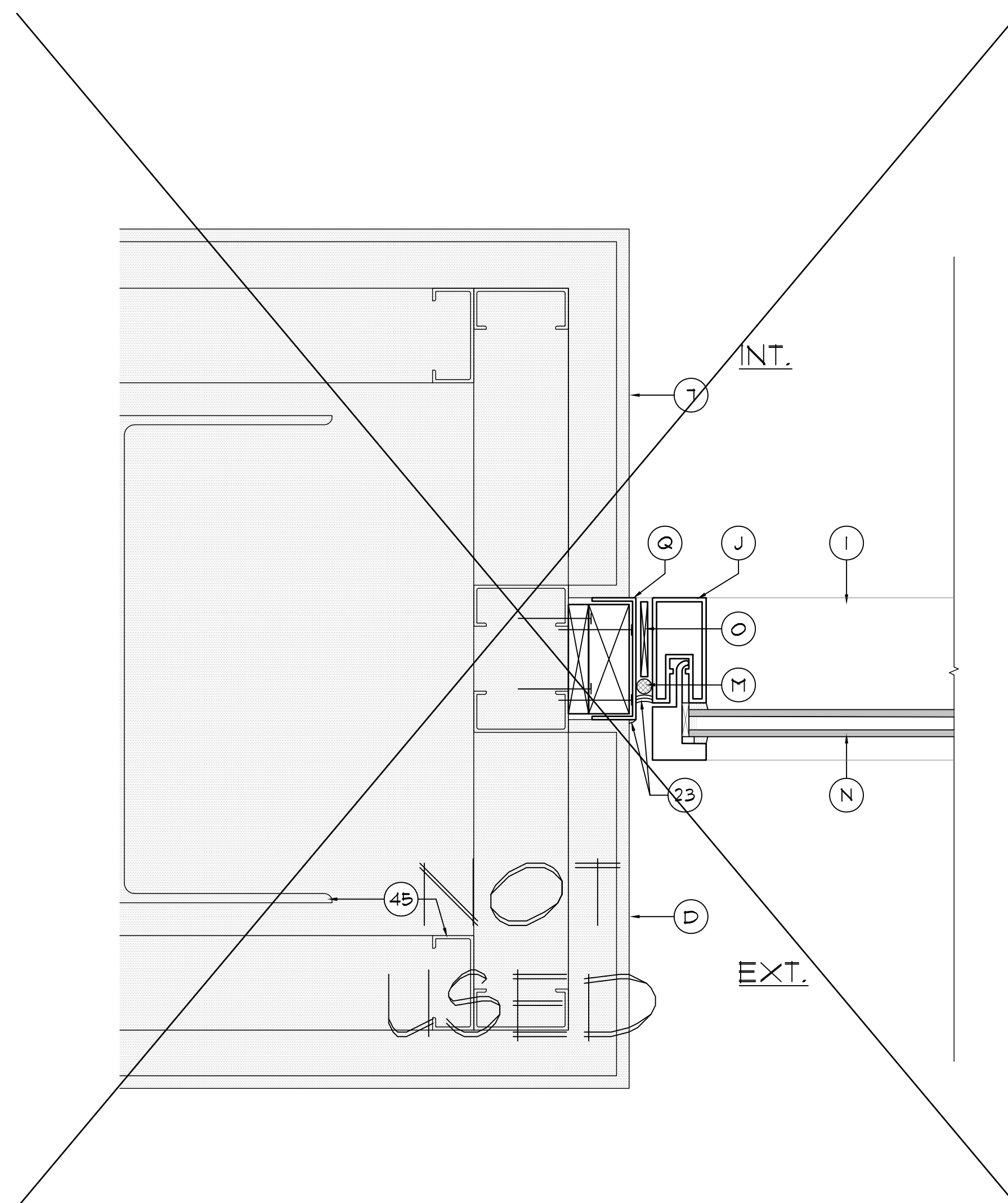
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SCALE: 3'-11"-0"



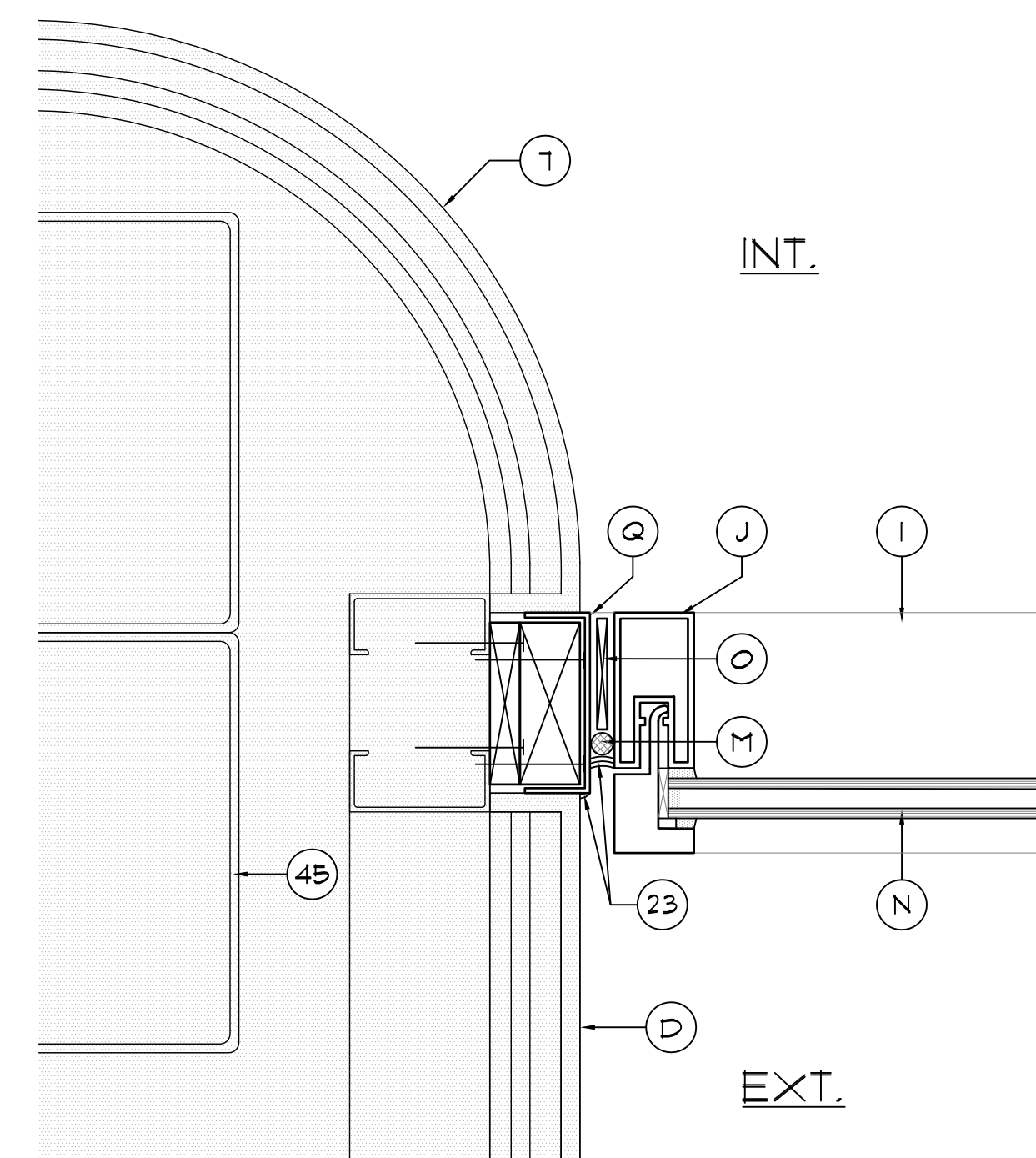
2.51 NEW JAMB FLASHING AT GLAZING SYSTEM (4.1) AT ROOF 4/C
SCALE: 3'-11"-0"



2.52 NEW JAMB FLASHING AT GLAZING SYSTEM (4.1) AT ROOF 4/C
SCALE: 3'-11"-0"



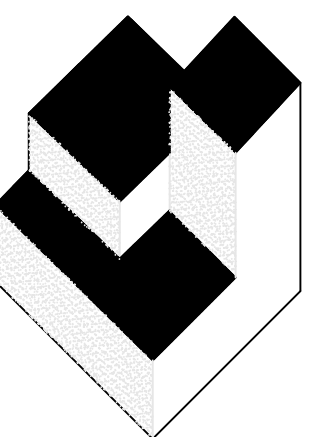
2.53 NOT USED
SCALE: 3'-11"-0"



2.54 NEW JAMB FLASHING AT GLAZING SYSTEM (5.1) AT ROOF 5/I AND 5/K
SCALE: 3'-11"-0"

DETAILS NOTES

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Architecture
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LIC. NBR AAC000932
601 North Fern Creek Avenue
Suite 100 Orlando, FL
32803-4899
Tel. (407) 896-7875
Fax. (407) 898-6043
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JAMES W. RIPLEY AR-001750
JOSEPH J. WILLIAMS AR-007984

REVISIONS

NO.	DATE	BY:



ENGINEERS & ARCHITECTS
1521662
CERTIFICATE OF AUTHORIZATION NO. 2754
LAURA BARBERO-DUFFA, P.E., No. 74327
1714 EAST CHANDLER STREET
ORLANDO, FLORIDA 32811
P.O. BOX 127107

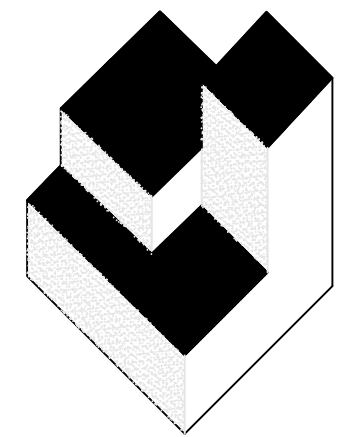
DESIGNATED REPAIRS OF:
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ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

DETAILS 2.49 THRU 2.54

JOB NO.: 16032.00
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A11

SHEET NO.:
17 OF 28 SHEET(S)



A/R/C Associates Incorporated

Architecture
Roof Consulting
Construction Technology
LIC. NBR AAC000932
Suite 100 Orlando, FL
32803-4899
Tel. (407) 896-7875
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JAMES W. RIPLEY AR-0018788
JOSEPH J. WILLIAMS AR-0007984

REVISIONS

NO.	DATE	BY:



CERTIFICATE OF AUTHORIZATION NO. 12743
LAURA BARBERO-DUPPA, P.E., No. 74327
1714 EAST CHANDLER STREET
ORLANDO, FLORIDA 32813
P.O. BOX 127107

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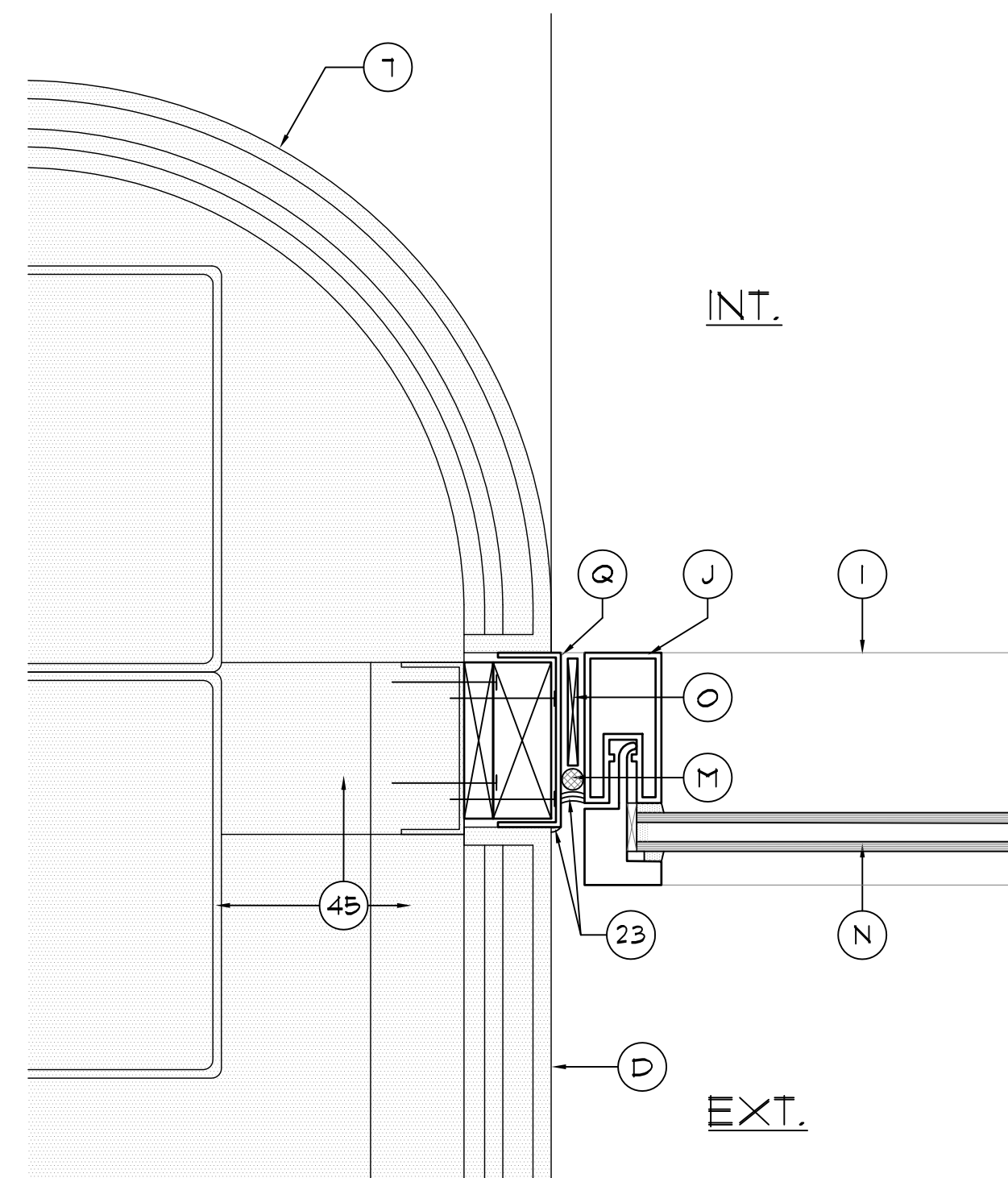
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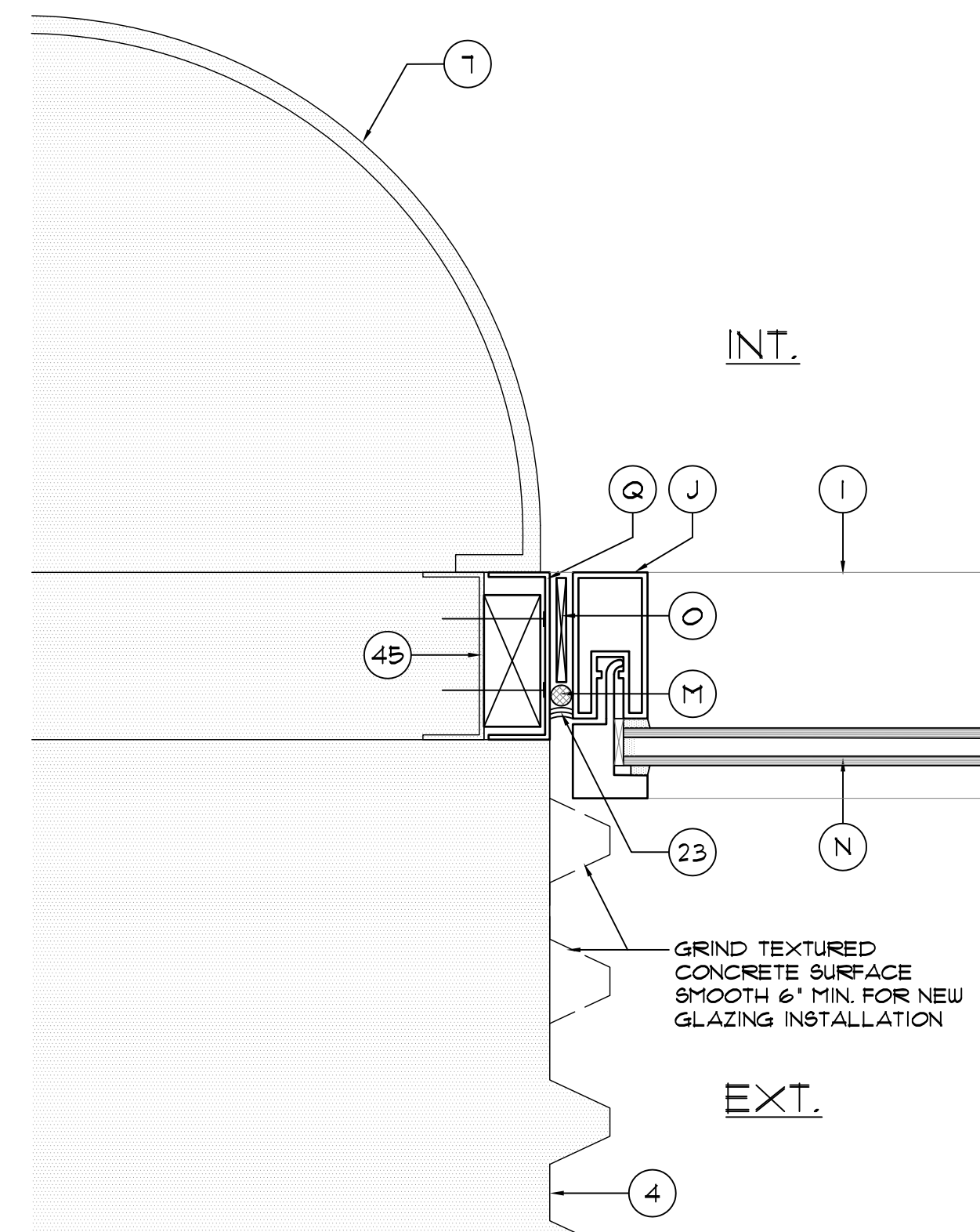
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8 OF 28 SHEET(S)

DETAILS NOTES

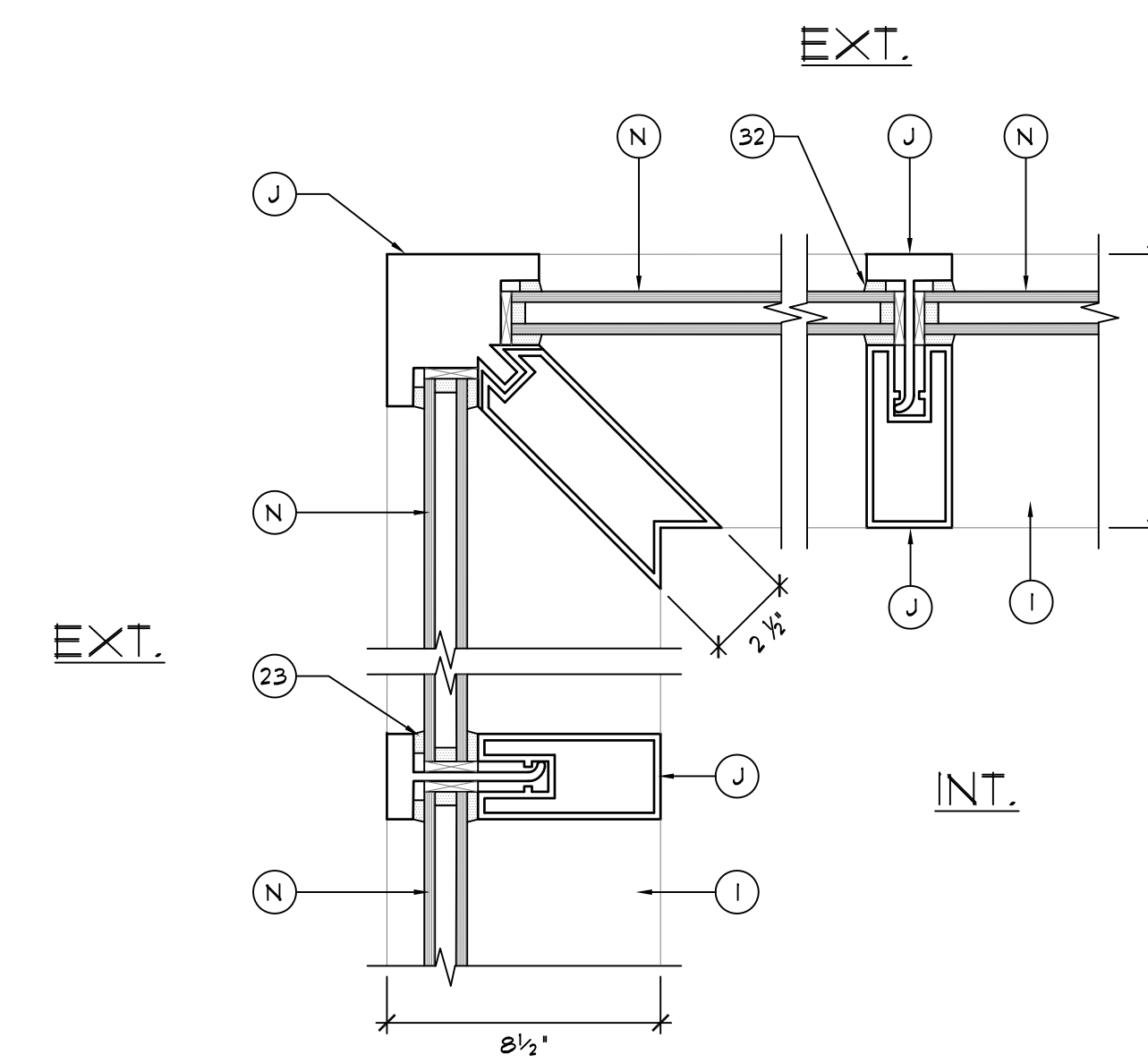
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- NEW MANUFACTURER'S APPROVED PLASTIC SHIM
- INSTALL NEW FURRING AS NEEDED TO MATCH AND SUPPORT TO MATCH DEPTH OF NEW DRYWALL TO MATCH EXIST.
- INSTALL NEW BLOCKING AROUND GLAZING PERIMETER TO SUPPORT NEW GLAZING SYSTEM. ADD SHIMS BENEATH BLOCKING AS NEEDED TO REDUCE DEFLECTION. INSTALL ALUMINUM CAP TO MATCH CURTAIN WALL FRAME COLOR. @240' MIN. FABRICATION TO COVER WOOD BLOCKING AS SHOWN.
- EXISTING PAINTED STUCCO TO REMAIN



2.55 NEW JAMB FLASHING AT GLAZING SYSTEM (5.3) AT ROOF B/F AND B/G
SCALE: 3/4"=1'-0"

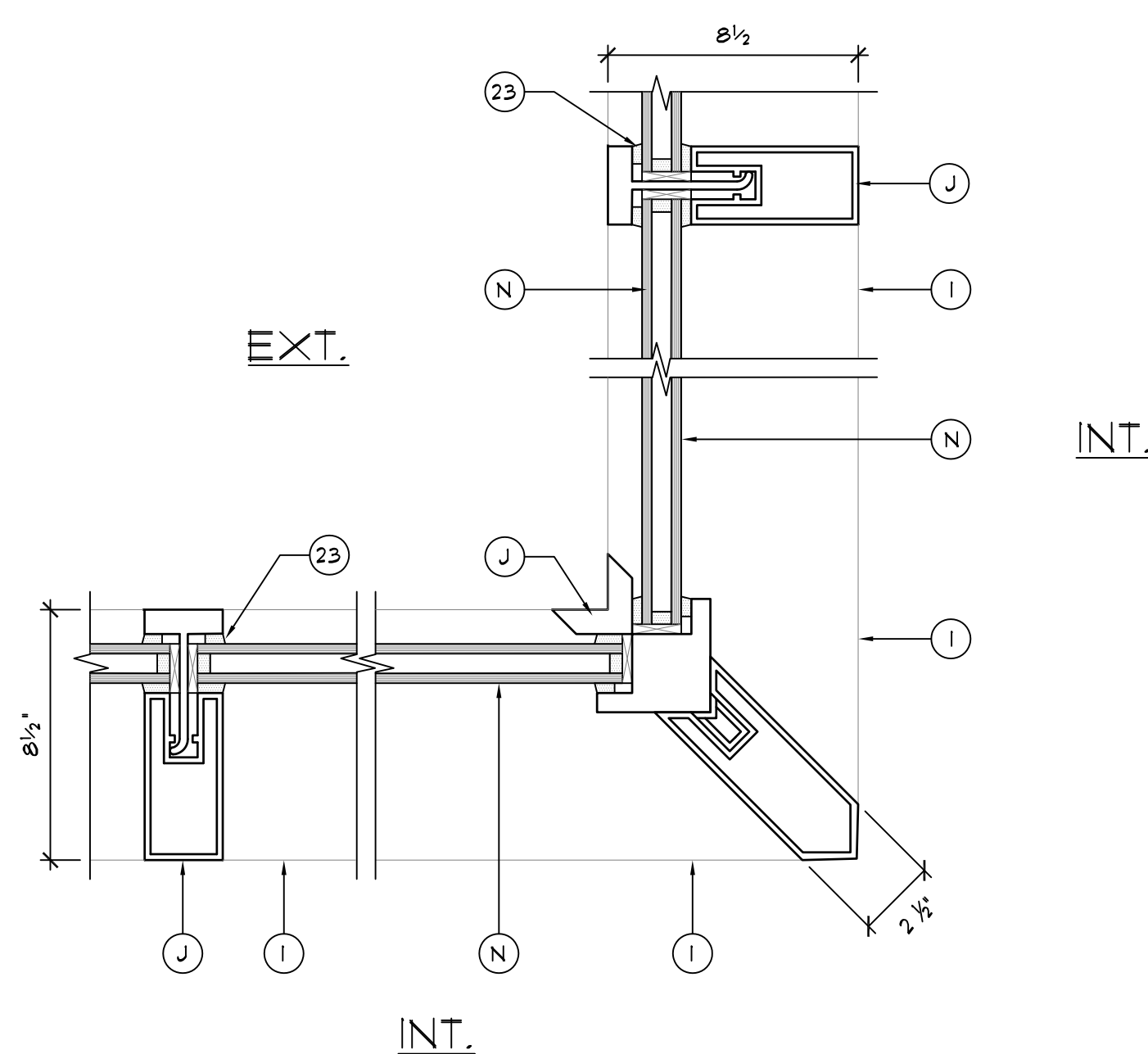


2.56 NEW JAMB FLASHING AT GLAZING SYSTEM (5.3) AT ROOF B/F
SCALE: 3/4"=1'-0"



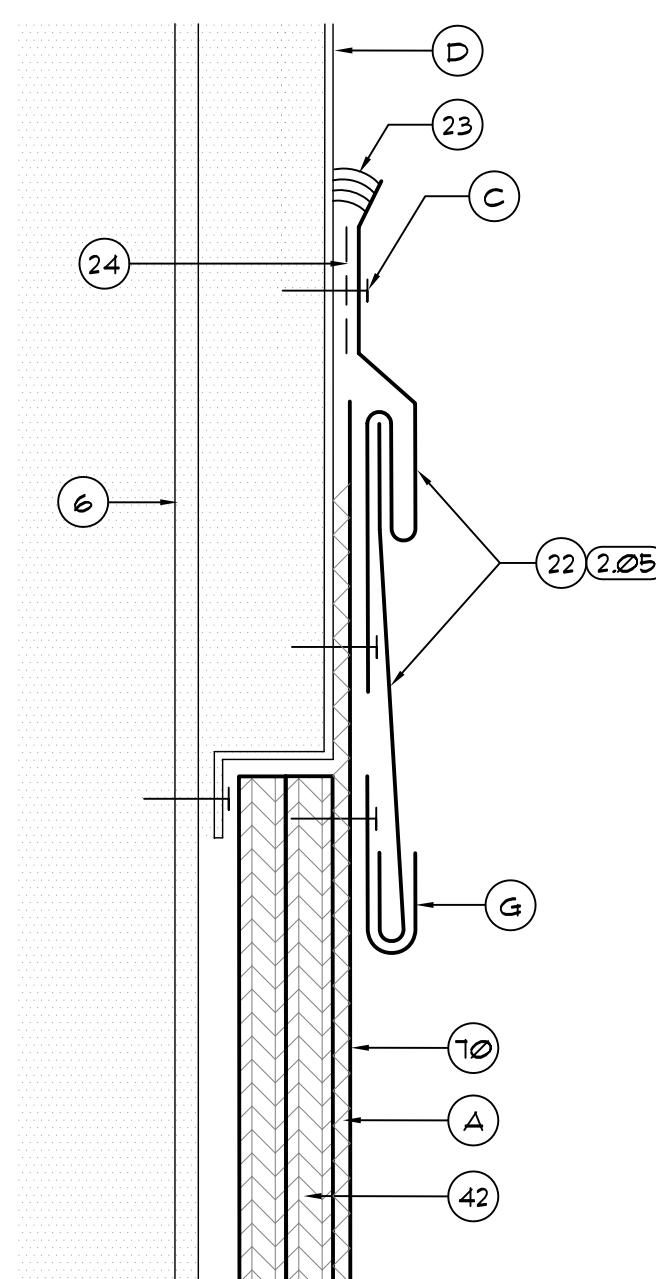
2.57 TYP. EXTERIOR CORNER OF CURTAINWALL SYSTEM
SCALE: 3/4"=1'-0"

- NOTES:
- JOIN PER METAL TYPE TO FORM ONE CONTINUOUS PIECE - SEE SPECIFICATIONS
 - DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
 - MEMBRANE AND OTHER COMPONENTS NOT SHOWN FOR CLARITY

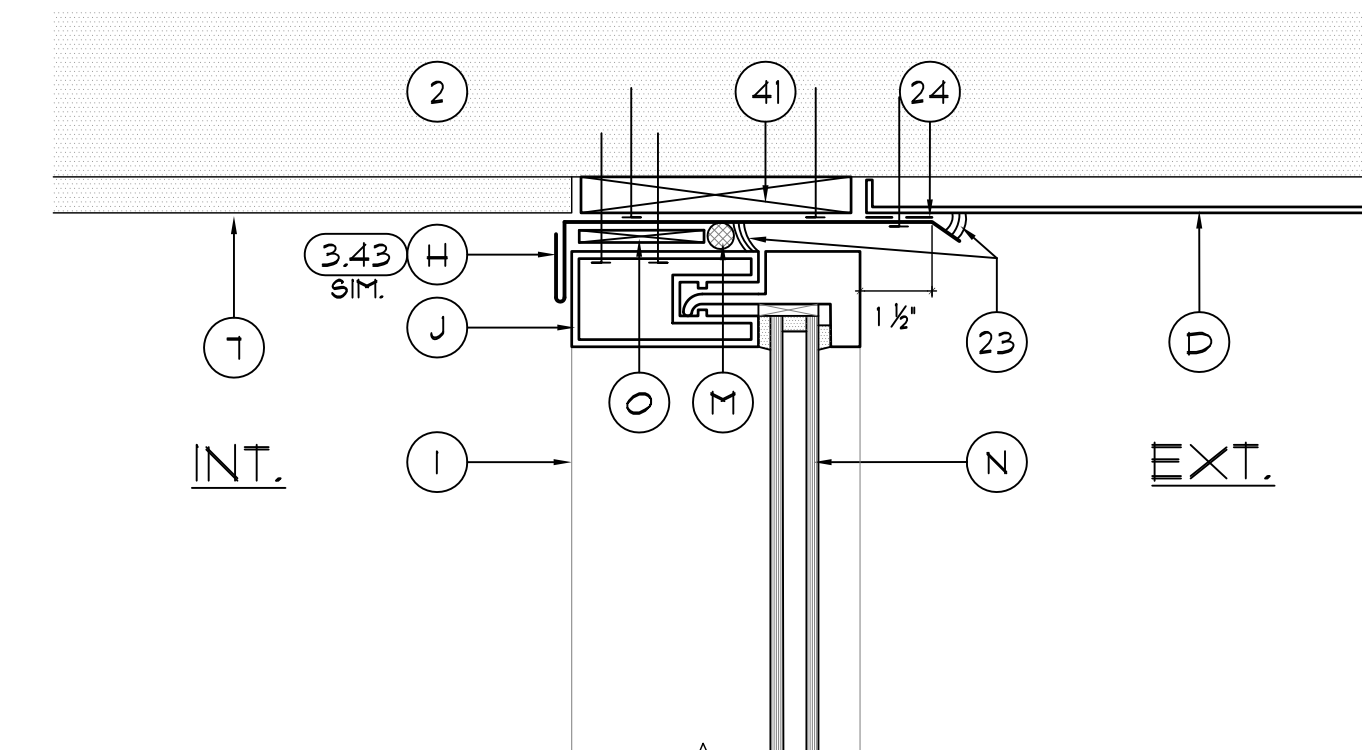


- NOTES:
- JOIN PER METAL TYPE TO FORM ONE CONTINUOUS PIECE - SEE SPECIFICATIONS
 - DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
 - MEMBRANE AND OTHER COMPONENTS NOT SHOWN FOR CLARITY

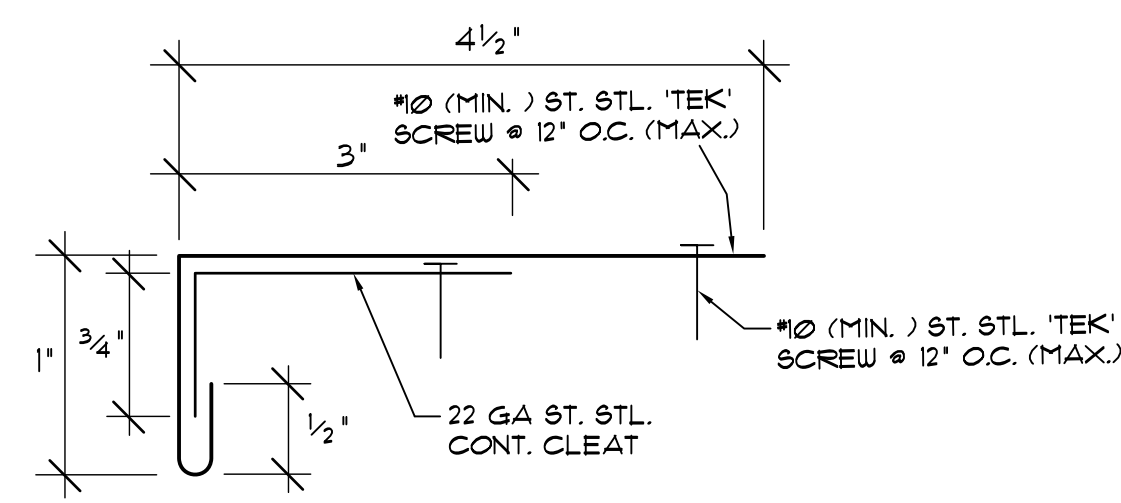
2.58 TYP. INTERIOR CORNER OF CURTAINWALL SYSTEM
SCALE: 3/4"=1'-0"



2.59 TYP. COUNTERFLASHING DETAIL AT COLUMN NEAR SYSTEM 4.14 AND 4.2
SCALE: 3/4"=1'-0"



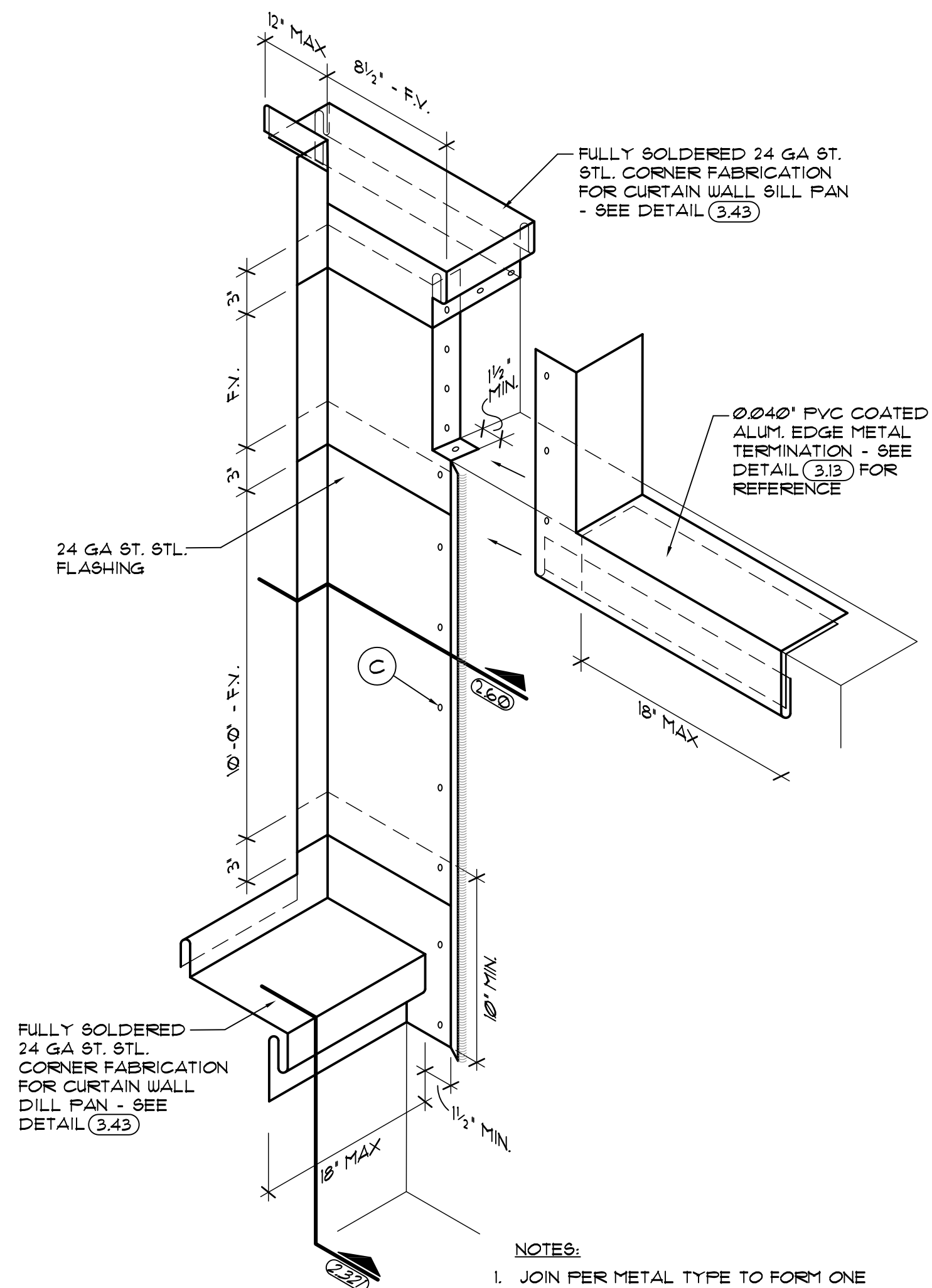
2.60 VERTICAL PAN FLASHING DETAIL AT SYSTEM 5.2
SCALE: 3/4"=1'-0"



NOTES:

1. JOIN PER METAL TYPE TO FORM ONE CONTINUOUS PIECE - SEE SPECIFICATIONS
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.
3. FOR SPLICE JOINT CLEAT SEE DETAIL (3.14) - SIM FOR SPLICE JOINT AT SKIRT

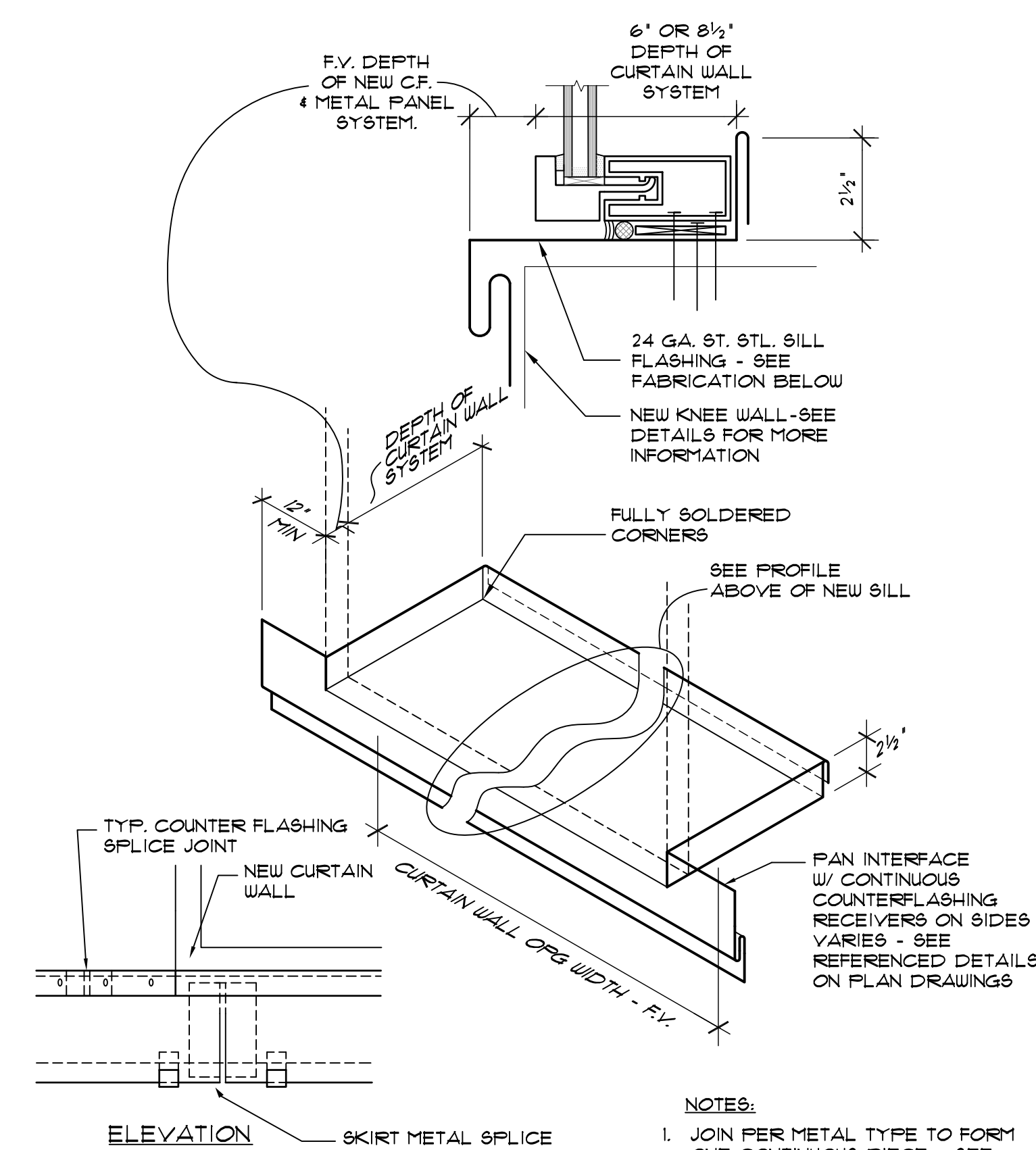
3.13 TYP. FLAT EDGE METAL FABRICATION DETAIL
SCALE: 3/4"=1'-0"



NOTES:

1. JOIN PER METAL TYPE TO FORM ONE CONTINUOUS PIECE - SEE SPECIFICATIONS
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
3. MEMBRANE AND OTHER COMPONENTS NOT SHOWN FOR CLARITY

3.38 CORNER TRANSITION FLASHING DETAIL AT SYSTEM B.2
SCALE: 3/4"=1'-0"



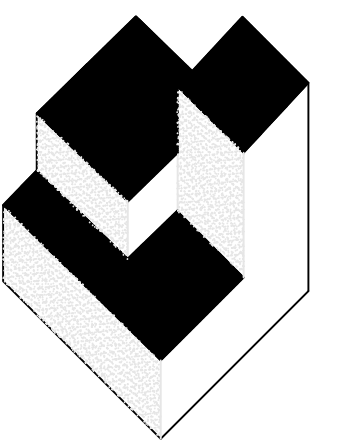
NOTES:

1. JOIN PER METAL TYPE TO FORM ONE CONTINUOUS PIECE - SEE SPECIFICATIONS
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
3. MEMBRANE AND OTHER COMPONENTS NOT SHOWN FOR CLARITY
4. FOR SPLICE JOINT DETAIL - SEE DETAIL 2.04

3.43 TYP. SILL PAN FABRICATION DETAIL
SCALE: 3/4"=1'-0"

DETAILS NOTES

2. EXISTING METAL STUD WALL
3. EXISTING METAL DECK
4. EXISTING PRECAST CONC. PANEL PARAPET
5. EXISTING RIGID INSULATION TO REMAIN
6. EXISTING SHEATHING TO REMAIN
7. EXISTING PAINTED AND FINISHED INTERIOR DRYWALL TO REMAIN
8. EXISTING LIGHTWEIGHT INSULATING CONCRETE
11. EXISTING CONCRETE/CMU BLOCK WALL
16. BATT INSULATION
17. NON-TAPERED RIGID INSULATION BY OTHERS
18. TAPERED RIGID INSULATION BY OTHERS
20. 1/2\"/>
- 21. SURFACE APPLIED TERMINATION BAR BY OTHERS
- 22. TWO-PIECE SURFACE APPLIED COUNTERFLASHING
- 23. SEALANT
- 24. FLASHING TAPE
- 41. P.T. WOOD BLOCKING TO BE FASTENED AT 12\"/>
- 42. 3/8\"/>
- 45. EXISTING STRUCTURE
- 51. DRY-IN MEMBRANE
- 59. 24 GA ST. STL. SKIRT METAL
- 70. FLEXIBLE SHEET FLASHING BY OTHERS
- 71. FLEXIBLE SHEET MEMBRANE BY OTHERS
- 133. EXISTING WOOD BLOCKING TO REMAIN
- A. MFR. APPROVED ADHESIVE BY OTHERS
- B. NEW KNEE WALL - SEE STRUCTURAL DRAWINGS
- C. NEW ST. STL. FASTENER W/ NEOPRENE BACKED WASHER - BACK OUT EXIST. FASTENER AND REPLACE WITH ONE SIZE LARGER AT EXIST. LOCATIONS
- D. EXIST. METAL PANEL WALL SYS. TO REMAIN
- E. INFILL AREA AS NEEDED W/ FOAM OR RIGID INSULATION PRIOR TO INSTALLATION OF N.I.C. ROOFING PROJECT
- F. ST. STL. DRIVE PIN FASTENER W/ NEOPRENE BACKED METAL WASHER @ 8\"/>
- G. 3\"/>
- H. NEW SILL PAN FOR CURTAIN WALL SYSTEM
- I. NEW CURTAIN WALL FRAMING BEYOND
- J. NEW CURTAIN WALL FRAMING
- K. NEW STUD WALL - SEE STRUCTURAL
- L. NEW DRYWALL, PAINT, AND FINISH TO MATCH EXIST. PRIOR TO DEMOLITION
- M. CLOSED CELL POLYURETHANE TUBING
- N. NEW CURTAIN WALL GLAZING PANELS
- O. NEW MANUFACTURER'S APPROVED PLASTIC SHIM
- P. INSTALL NEW FURRING AS NEEDED TO MATCH AND SUPPORT TO MATCH DEPTH OF NEW DRYWALL TO MATCH EXIST.
- Q. INSTALL NEW BLOCKING AROUND GLAZING PERIMETER TO SUPPORT NEW GLAZING SYSTEM. ADD SHIMS BENEATH BLOCKING AS NEEDED TO REDUCE DEFLECTION. INSTALL ALUMINUM CAP TO MATCH CURTAIN WALL FRAME COLOR. @240\"/>
- R. EXISTING PAINTED STUCCO TO REMAIN



A/R/C Associates Incorporated

Architecture
Roof Consulting
Construction Technology
LIC. NBR AAC000932
601 North Fern Creek Avenue
Suite 100 Orlando, FL
32803-4899
Tel. (407) 896-7875
Fax. (407) 898-6043
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JAMES W. RIPLEY AR-0018788
JOSEPH J. WILLIAMS AR-0079864

REVISIONS

NO.	DATE	BY:



ENGINEERS & CONSULTANTS
1251662
CERTIFICATE OF AUTHORIZATION NO. 2704
LAURA BARBERO/FLORIDA, P.E. No. 74327
1714 EAST CHANDLER STREET
ORLANDO, FLORIDA 32813
P. 407.357.0577

DESIGNATED REPAIRS OF:

ORCC WEST BUILDING CURTAIN WALL REPLACEMENT
ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 1603200
DRAWN BY: TAH
CHECKED BY: JJW
DATE: 09-01-2017
SCALE: NTS
PLOT SCALE:

A13

SHEET NO.:
19 OF 28 SHEET(S)

DETAILS 3.13 THRU 3.43

GENERAL NOTES:

- A. CODES: FLORIDA BUILDING CODE 2014 WITH 2016 SUPPLEMENT AND ALL APPLICABLE LOCAL CODES.
- B. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, SHOP DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE ALL ELEVATIONS AND DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR SHALL COMPARE ALL CONTRACT DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN DISCIPLINES AND WITHIN A GIVEN DISCIPLINE TO THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- C. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND TO COMPLY TO ALL SUBCONTRACTORS AND SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS.
- D. IF A CONFLICT EXISTS AMONG THE STRUCTURAL DRAWINGS, GENERAL NOTES, OR THE SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
- G. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS AND FOR SAFETY PRECAUTIONS AND PROGRAMS. DURING THE CONSTRUCTION PROCESS, IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE AND TO PROTECT FROM DAMAGE ANY PORTIONS THAT ARE TO REMAIN.
- H. BASE CONSULTANTS, INC., SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSION OF THE CONTRACTOR OR FOR THEIR FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- I. DESIGN WIND LOADS FOR STRENGTH DESIGN WITH A LOAD FACTOR OF 1.0:

BASIC WIND SPEED	149 MPH
EXPOSURE	B
STRUCTURAL CATEGORY	III
INTERNAL PRESSURE COEFFICIENT (C _{pi})	+/-0.18

 COMPONENTS AND CLADDING ULTIMATE WIND PRESSURES - SEE ATTACHED TABLES.

- J. REMOVE COMPLETELY FROM THE SITE AND LEGALLY DISPOSE ALL DEBRIS GENERATED BY THE DEMOLITION WORK AS THE WORK PROGRESSES. STOCKPILING OF DEBRIS AND BURNING OF DEBRIS ON THE PREMISES IS STRICTLY PROHIBITED.
- EXISTING STRUCTURE**
- A. INFORMATION SHOWN ON THE DRAWINGS WAS TAKEN FROM THE FOLLOWING STRUCTURAL DRAWINGS:
 1. EXPANSION TO THE ORANGE COUNTY CONVENTION/CIVIC CENTER, PREPARED BY VOA, JULY 7, 1989.
 2. ORANGE COUNTY CONVENTION/CIVIC CENTER PHASE III, PREPARED BY WALTER P. MOORE AND ASSOCIATES, MARCH 26, 1993.
 3. ORANGE COUNTY CONVENTION CENTER, PHASE IV, PREPARED BY TILDEN LOBNITZ & COOPER, FEBRUARY 14, 1994.
 - B. WORK SHOWN ON THE DRAWINGS ASSUMES THAT THE ORIGINAL CONSTRUCTION WAS PERFORMED IN ACCORDANCE WITH THE ABOVE INDICATED ORIGINAL DRAWINGS (but not limited to) DIMENSIONS, ELEVATIONS, MEMBER SIZES MATERIALS, DETAILS ETC. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE CONDITIONS RELATING TO THE EXISTING STRUCTURE AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR CONFLICTS.

SUBMITTALS

- A. THE CONTRACTOR SHALL PREPARE A DETAILED LIST AND SCHEDULE OF ALL SUBMITTAL ITEMS TO BE SENT TO THE STRUCTURAL ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- B. CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING FOR REVIEW.
- C. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND/OR ENGINEER AND HAVE THE ENGINEER'S SHOP DRAWING APPROVAL STAMP AFFIXED PRIOR TO FABRICATION. FABRICATION AND ERECTION SHALL BE FROM REVIEWED SHOP DRAWINGS.
- D. A RECORD SET OF APPROVED SHOP DRAWINGS SHALL BE KEPT IN THE FIELD BY THE CONTRACTOR.
- E. ANY DEVIATION FROM, ADDITION TO, SUBSTITUTION FOR, OR MODIFICATION TO THE STRUCTURE OR ANY PART OF THE STRUCTURE DETAILED ON THE CONTRACT DOCUMENTS SHALL BE SUBMITTED IN WRITING TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS SUBMITTED FOR REVIEW DO NOT CONSTITUTE "IN-WRITINGS" UNLESS IT IS CLEARLY NOTED THAT SPECIFIC CHANGES ARE BEING SUGGESTED.
- F. THE CONTRACTOR SHALL PREPARE A LIST AND SCHEDULE OF ALL STRUCTURAL SUBMITTALS PRIOR TO CONSTRUCTION.
- G. THE FOLLOWING SHOP DRAWINGS SHALL BE SUBMITTED BY THE CONTRACTOR FOR THE ENGINEER'S REVIEW:
 1. MISCELLANEOUS STEEL
 2. STRUCTURAL STEEL, SHOP AND ERECTION DRAWINGS
 3. EXTERIOR WINDOW WALL SYSTEM (1)
 4. LIGHT GAUGE METAL
- H. ITEMS MARKED (1) SHALL BE SUBMITTED TO ENGINEER FOR OWNER'S RECORD ONLY AND WILL NOT HAVE THE ENGINEER'S SHOP DRAWING STAMP AFFIXED.
- I. THE OMISSION FROM THE SHOP DRAWINGS OF ANY MATERIALS REQUIRED BY THE CONTRACT DOCUMENTS TO BE FURNISHED SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS, REGARDLESS OF WHETHER THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED.
- J. THE USE OF ELECTRONIC FILES OR REPRODUCTIONS OF THESE CONTRACT DOCUMENTS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES THEIR ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEMSELVES TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.
- K. REQUEST FOR INFORMATION (RFI) SHALL BE ORIGINATED BY THE CONTRACTOR AND SHALL BE SUBMITTED TO THE ENGINEER VIA ARCHITECT OR DIRECTLY TO ENGINEER WHEN APPROVED BY ARCHITECT. RFI SHALL BE SUBMITTED IN A PROMPT MANNER TO AVOID DELAYS IN THE CONTRACTORS WORK. RFI RESPONSES ARE NOT INTENDED TO AUTHORIZE ANY INCREASE IN CONSTRUCTION COST, SCHEDULE OR CONFLICT WITH APPLICABLE STANDARDS OR CODES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DESIGN TEAM IMMEDIATELY OF ANY PERCEIVED COST, SCHEDULE OR SCOPE IMPACTS.

STRUCTURAL STEEL

- A. ALL HOT ROLLED STEEL PLATES, SHAPES, SHEET PILING, AND BARS SHALL BE NEW STEEL CONFORMING TO ASTM SPECIFICATION A6-98A.
- B. STRUCTURAL STEEL SHALL BE AS FOLLOWS, U.N.O.:
 1. STRUCTURAL RECTANGULAR TUBING ASTM A500 GRADE B FY = 46 KSI
 2. ALL OTHER STRUCTURAL STEEL ASTM A36FY = 36 KSI
 3. CONNECTION MATERIALS:
 - a. ALL OTHER CONNECTION MATERIAL, U.N.O.: ASTM A36 UNLESS A HIGHER GRADE OF STEEL IS REQUIRED BY STRENGTH AND PROVIDED THE RESULTING SIZES ARE COMPATIBLE WITH THE CONNECTED MEMBERS.
 4. ASTM A572 GRADE 50 IS ACCEPTABLE AS A SUBSTITUTE FOR A992
- C. STRUCTURAL STEEL SHALL MEET THE LATEST AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- D. THE CENTERLINES OF ALL COLUMNS AND BEAMS SHALL BE LOCATED ON COLUMN LINES UNLESS OTHERWISE SHOWN.
- E. CONNECTIONS:
 1. WELDING SHALL CONFORM TO THE STANDARDS SET FORTH IN AWS PUBLICATION, "WELDING IN BUILDING CONSTRUCTION".
 2. UNLESS NOTED OTHERWISE, ELECTRODES FOR WELDING SHALL CONFORM TO E70XX (SMAW), F7XX-EXXX (SAW), ER70S-X (GMAW), OR E7XT-X (FCAW). WEATHERING STEEL ELECTRODES SHALL CONFORM TO THE ANSI/AWS D1.1 MANUAL. ELECTRODES FOR GRADE 60 OR GRADE 65 MATERIAL SHALL CONFORM TO E80XX (SMAW), F8XX-EXX-XX (SAW), ER80S-X (GMAW), OR E8XT-X (FCAW).
 3. WELDS INDICATED "CJP" ["PIP"] SHALL BE COMPLETE [PARTIAL] JOINT PENETRATION GROOVE WELDS. FABRICATOR SHALL PRODUCE COMPLETE [OR PARTIAL] JOINT PENETRATION GROOVE WELDS WHICH CONFORM TO ALL AWS D1.1 QUALIFIED WELD REQUIREMENTS AND WHICH ARE APPLICABLE TO THE SPECIFIC CONDITIONS SHOWN.
 4. ALL ERECTION DRAWINGS SHALL SHOW ALL FIELD WELDS REQUIRED.
- F. ALL EXPOSED TO VIEW MEMBERS SHALL MEET THE REQUIREMENTS OF AISC FOR ARCHITECTURALLY EXPOSED STRUCTURAL STEEL.
- G. ALL STRUCTURAL STEEL SHALL BE SHIPPED WITH ONE COAT OF SHOP PRIMER EXCEPT THOSE MEMBERS THAT ARE GALVANIZED OR IN AREAS SCHEDULED TO RECEIVE FIRE PROOFING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AREAS TO BE FIRE PROOFED.

LIGHT GAUGE STEEL STUDS:

- A. STEEL STUDS SHALL BE C-STUDS WITH A MINIMUM YIELD OF 33,000 PSI FOR 18 AND 20 GAUGE, AND 50,000 PSI FOR 14 AND 16 GAUGE. STUDS SHALL BE OF THE SIZE, GAUGE, AND SPACING SHOWN ON THE DRAWINGS. PROVIDE BRIDGING IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS ADEQUATE FOR DEVELOPMENT OF THE FULL MOMENT CAPACITY OF THE STUDS. FOR LOAD-BEARING STUDS, TRACK SHALL BE OVERSIZE TO PROVIDE FULL STUD BEARING. SCREWS SHALL BE ELCO DRIL-FLEX, HILTI KWIK-FLEX, OR APPROVED.
- B. DESIGN AND MANUFACTURE LIGHT GAUGE METAL FRAMING, INCLUDING ALL CONNECTIONS, ANCHORAGE HARDWARE, AND FASTENERS IN ACCORDANCE WITH REQUIREMENTS OF AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS (LATEST EDITION) OR THE AISI LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR COLD-FORMED STEEL STRUCTURAL MEMBERS (LATEST EDITION) AND THE RECOMMENDATIONS OF THE LIGHT GAUGE METAL WALL FRAMING MANUFACTURER.
- C. STEEL STUDS AND RUNNER TRACK MEMBERS SHALL CONFORM TO ASTM A446 GRADE C (MINIMUM YIELD POINT 40,000 PSI) WITH HOT DIPPED GALVANIZED COATING CONFORMING TO ASTM A525 (CLASS G90).
- D. ALL FRAMING MEMBERS SHALL BE CUT SQUARELY. MEMBERS SHALL BE HELD FIRMLY IN PLACE UNTIL PROPERLY JOINED. JOINING OF MEMBERS SHALL BE MADE WITH SELF-DRILLING SCREWS OR WELDING. WIRE TYING OF FRAMING MEMBERS SHALL NOT BE PERMITTED. ATTACHMENT OF MATERIALS TO FRAMING MEMBERS SHALL BE MADE WITH SELF DRILLING SCREWS.
- E. STUDS SHALL SIT SQUARELY IN THE TOP AND BOTTOM RUNNER TRACKS WITH FIRM ABUTMENT AGAINST TRACK WELDS. STUDS SHALL BE PLUMB AND SECURELY FASTENED TO THE FLANGES OF BOTH TOP AND BOTTOM RUNNER TRACKS.

DEMOLITION

- A. REMOVE STRUCTURE FROM TOP DOWN. DO NOT ALLOW DEBRIS TO PILE UP OR FALL ON SLABS WHICH ARE TO REMAIN IN PLACE. PROVIDE PLYWOOD AND/OR PLANKING TO CUSHION AND PROTECT SLABS FROM DAMAGE. REPAIR OR REPLACE DAMAGED SLABS, BEAMS, OR GIRDERS AS DIRECTED BY OWNER.
- B. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND SUBMIT A WRITTEN REPORT TO THE ENGINEER FOR REVIEW AND/OR INSTRUCTION OF ACTUAL FIELD CONDITIONS, WHICH MAY VARY FROM INFORMATION, INDICATED ON DRAWINGS.
- C. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING OF STRUCTURE AS REQUIRED, AS WELL AS PROTECT EXISTING FACILITIES, STRUCTURES AND THE PUBLIC DURING DEMOLITION AND ERECTION OF THE NEW CONSTRUCTION.
- D. THE DETAILS AND ENGINEERING OF SHORING, BRACING AND OTHER CONSTRUCTION REQUIRED FOR SUCH WORK AND THE PHASING, STAGING, AND SEQUENCE OF SUCH OPERATION SHALL BE PREPARED IN THE FORM OF SHOP OR DETAIL DRAWINGS BY A PROFESSIONAL ENGINEER, RETAINED BY THE CONTRACTOR OR SUB-CONTRACTOR. THE DRAWINGS SHALL BE PROVIDED TO THE REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER RESPONSIBLE FOR THE INSPECTION OF SUCH WORK, WHO SHALL REPORT TO THE OWNER ANY DEVIATIONS OBSERVED DURING HIS INSPECTION.
- E. THE CONTRACTOR IS REQUIRED TO PERFORM HIS/HER WORK IN A MANNER WHICH WILL NOT CONFLICT WITH ANY OPERATION WHICH IS TO REMAIN FUNCTIONAL DURING THE COURSE OF THE PROJECT, UNTIL SUCH OPERATION IS SCHEDULED TO SHUT DOWN.
- F. AT ALL LOCATIONS WHERE NEW CONSTRUCTION WILL INTERFACE WITH EXISTING ELEMENTS, CUT THROUGH EXISTING STRUCTURE IN STRAIGHT AND TRUE LINES TO INSURE A NEAT INTERFACE.
- G. BEFORE DEMOLISHING ANY STRUCTURAL ELEMENT, INSTALL ALL REQUIRED TEMPORARY AND/OR PERMANENT BRACING AND SUPPORTS.
- H. PROVIDE TEMPORARY CLOSURE OF ALL ROOF FASCIA, WALL AND OTHER OPENINGS TO PROTECT BUILDING FROM EXPOSURE TO UNDESIRABLE ELEMENTS UNTIL THE NEW CONSTRUCTION IS WEATHERPROOFED, AT WHICH TIME SUCH TEMPORARY CONSTRUCTION SHALL BE REMOVED. ALL TEMPORARY EXTERIOR WALLS THAT ARE SUBJECT TO WIND LOADS ARE TO BE DESIGNED BY A SPECIALTY ENGINEER.
- I. UPON COMPLETION OF NEW CONSTRUCTION UNDER EACH PHASE, ALL DEMOLISHED AREAS SHALL BE RESTORED TO ACCEPTABLE USAGE ACCORDING TO THE CONTRACT DOCUMENTS AS DETERMINED BY THE ARCHITECT AND/OR ENGINEER.

ROOF 4/C

TRIBUTARY AREA	ZONE	
	4	5
(S.F.)	(PSF)	(PSF)
≤10	44.60	44.60
	-48.30	-59.40

ROOFS 5/F, 5/G, 5/I, 5/K, AND 5/T

TRIBUTARY AREA	ZONE	
	4	5
(S.F.)	(PSF)	(PSF)
≤10	51.60	51.60
	-51.60	-94.50

ROOF 3/G

TRIBUTARY AREA	ZONE	
	4	5
(S.F.)	(PSF)	(PSF)
≤10	54.30	54.30
	-54.30	-99.60

ULTIMATE WIND PRESSURE TABLES

ROOF 4/C

TRIBUTARY AREA	ZONE	
	4	5
(S.F.)	(PSF)	(PSF)
≤10	27.88	27.88
	-30.19	-37.13

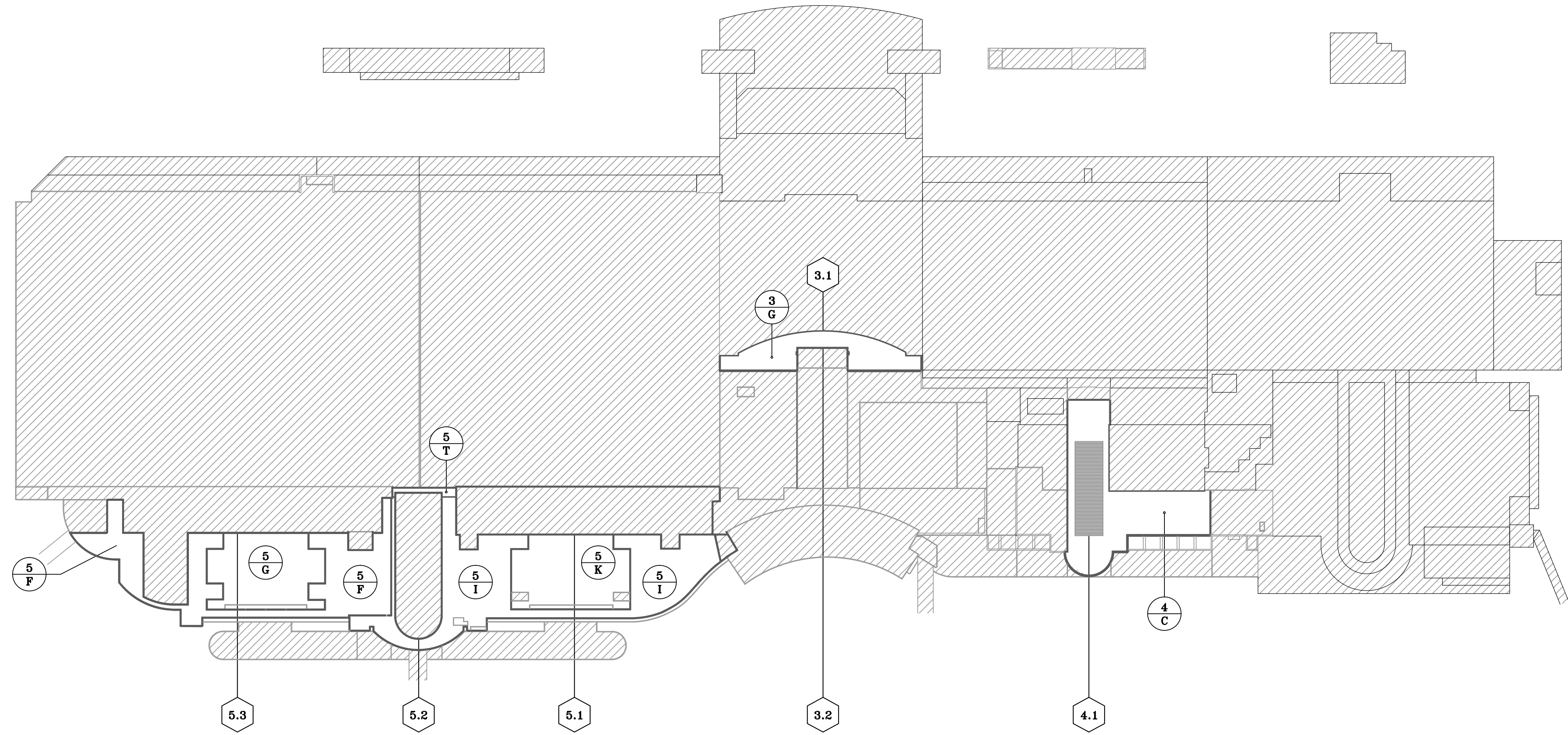
ROOFS 5/F, 5/G, 5/I, 5/K, AND 5/T

TRIBUTARY AREA	ZONE	
	4	5
(S.F.)	(PSF)	(PSF)
≤10	32.25	32.25
	-32.25	-59.06

ROOF 3/G

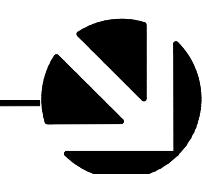
TRIBUTARY AREA	ZONE	
	4	5
(S.F.)	(PSF)	(PSF)
≤10	33.94	33.94
	-33.94	-62.25

NOMINAL WIND PRESSURE TABLES

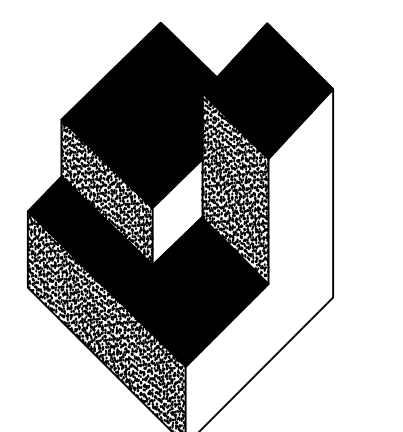


OVERALL SITE PLAN

SCALE: 1/16" = 1'-0"



TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE FLORIDA BUILDING CODE 2014.

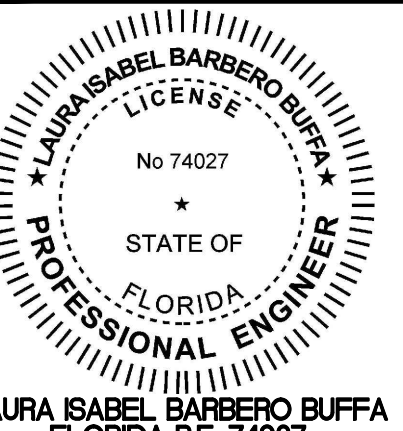


A/R/C Associates Incorporated

Architecture
 Roof Consulting
 Construction Technology
 LLC, NBR AAC000932
 601 North Fern Creek Avenue
 Suite 100 Orlando, FL
 32805-4899
 Tel. (407) 896-7875
 Fax. (407) 898-8043
 copyright © A/R/C ASSOCIATES, INC.

REVISIONS

NO.	DATE	BY:



Laura Isabel Barbero Buffa
Florida P.E. 74027

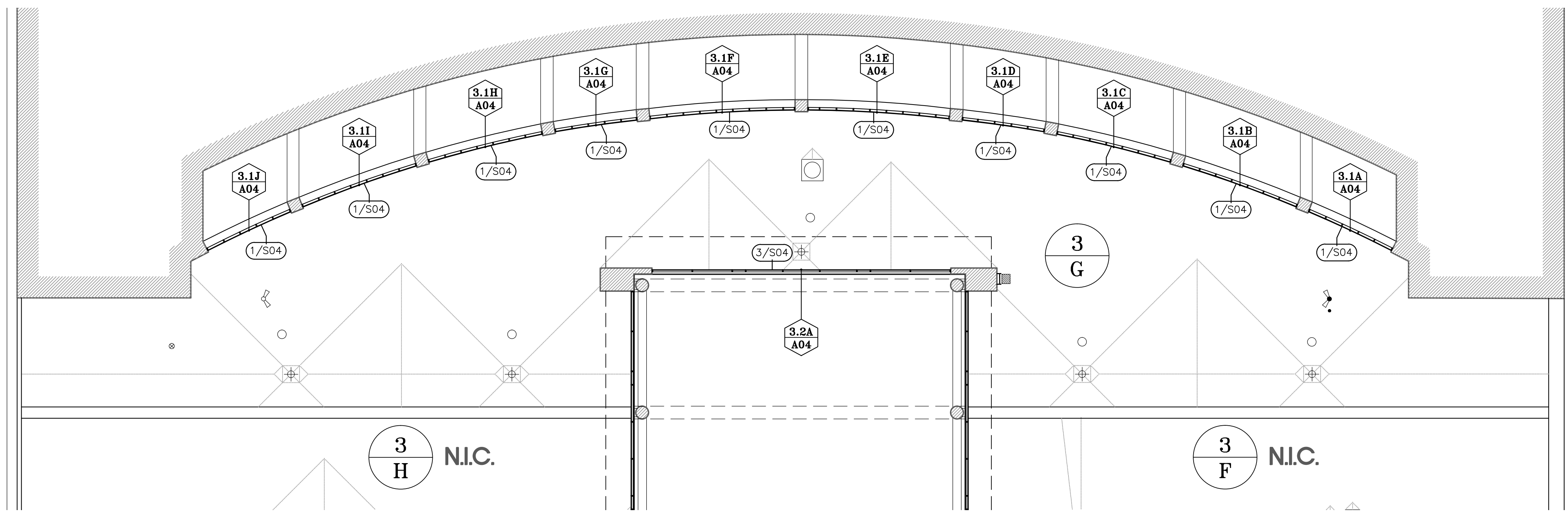


BASE CONSULTANTS
104 EAST CHANDLER STREET
ORLANDO, FLORIDA 32801

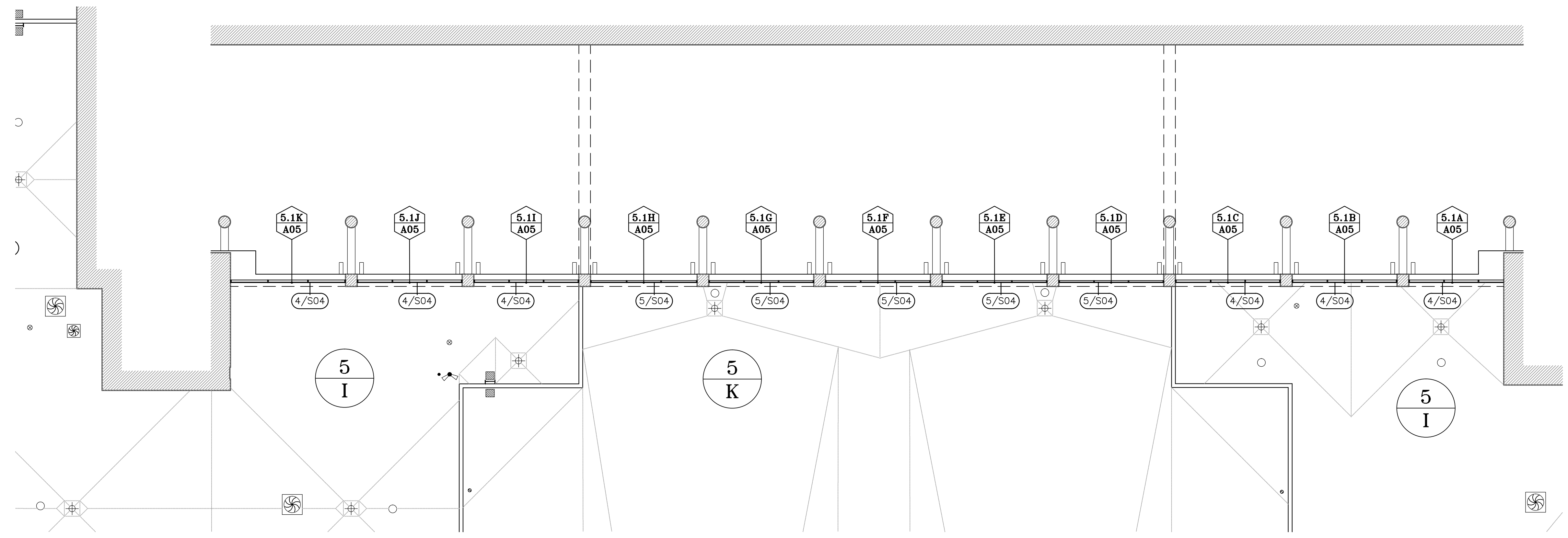
DESIGNATED REPAIRS FOR:
 OCCO WEST BUILDING CURTAIN WALL REPLACEMENT
 ORANGE COUNTY CONVENTION CENTER
 9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 16032.00
 DRAWN BY: MR
 CHECKED BY: LBB
 DATE: 09-01-2017
 SCALE: NTS
 PLOT SCALE:

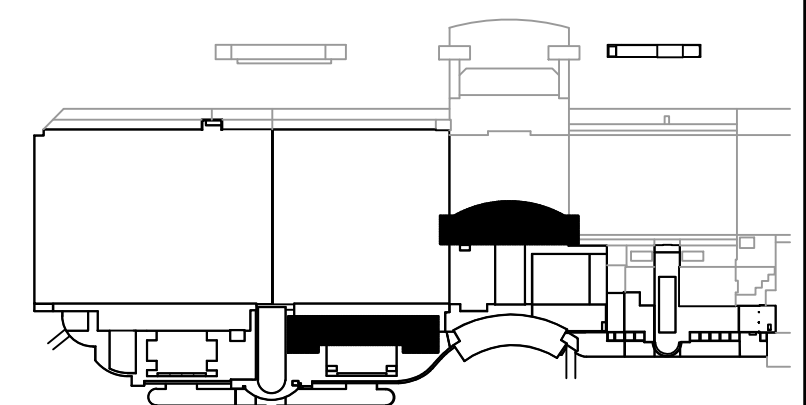
S00
 SHEET NO. 210F 26 SHEET(S)



S01.1 GLAZING REPLACEMENT FOR SYSTEMS 3.1 AND 3.2 AT ROOF 3/G
 SCALE: 1/16" = 1'-0"



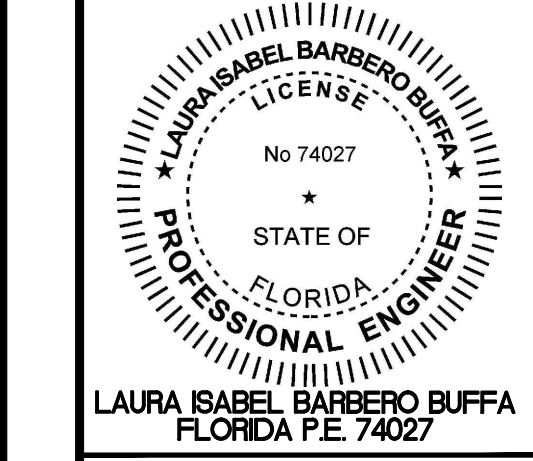
S01.2 GLAZING REPLACEMENT FOR SYSTEM 5.1 AT ROOFS 5/I AND 5/K
 SCALE: 1/16" = 1'-0"



KEY PLAN
 SCALE: NTS

REVISIONS

NO.	DATE	BY:



LAURA ISABEL BARBERO BUFFA
 FLORIDA P.E. 74027



GLAZING REPLACEMENT AT ROOFS 3/G, 5/I AND 5/K

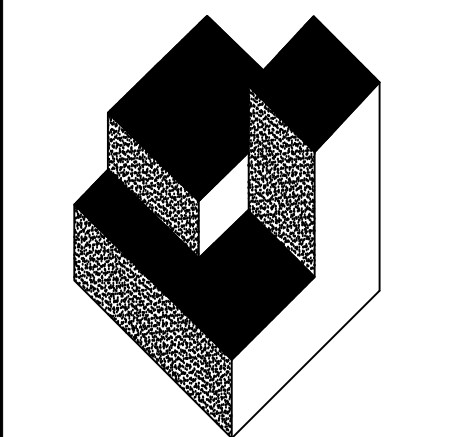
DESIGNATED REPAIRS FOR:

OCCC WEST BUILDING CURTAIN WALL REPLACEMENT
 ORANGE COUNTY CONVENTION CENTER
 9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 16032.00
 DRAWN BY: MR
 CHECKED BY: LBB
 DATE: 09-01-2017
 SCALE: NTS
 PLOT SCALE:

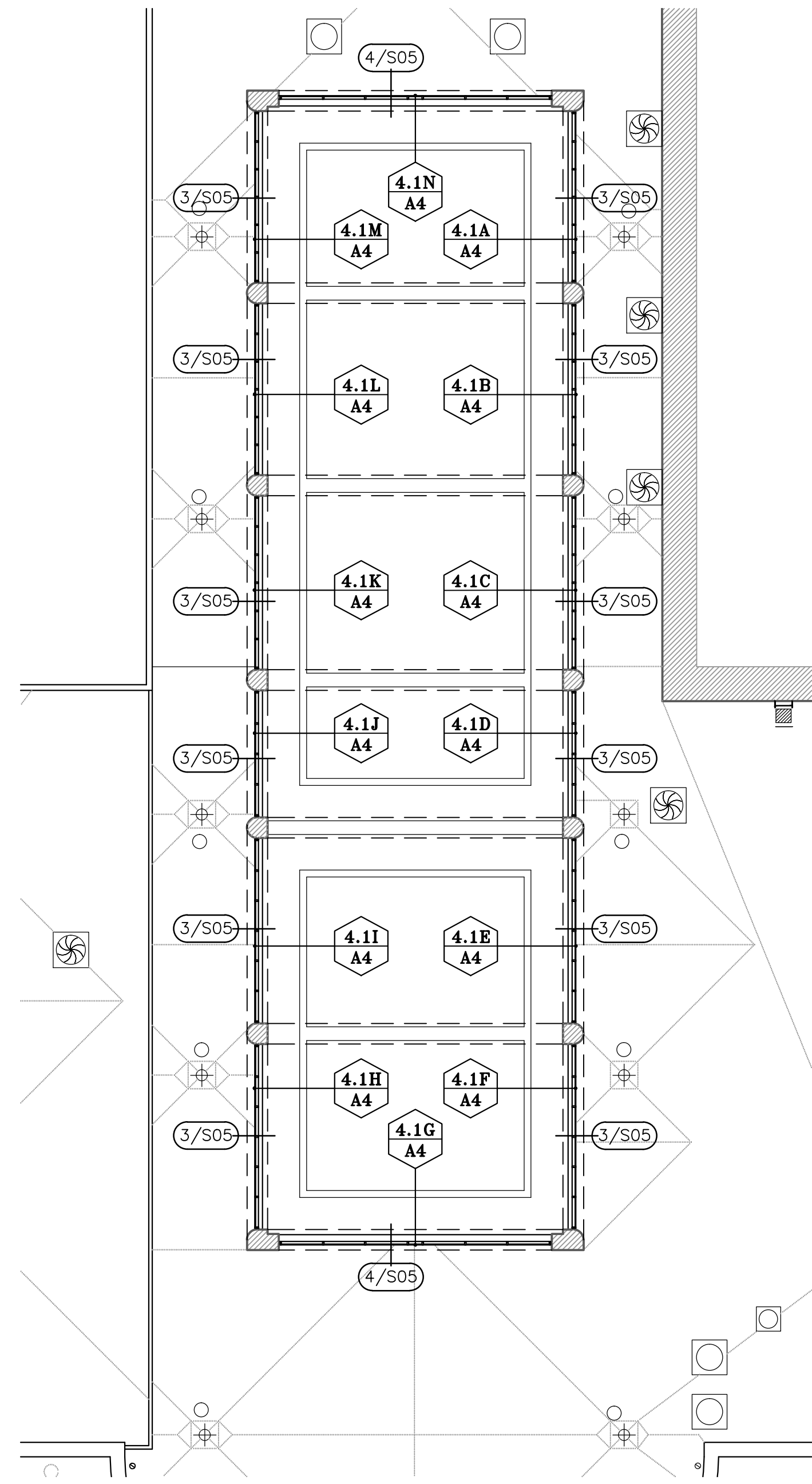
S01
 SHEET NO. 1
 22 OF 26 SHEETS(S)

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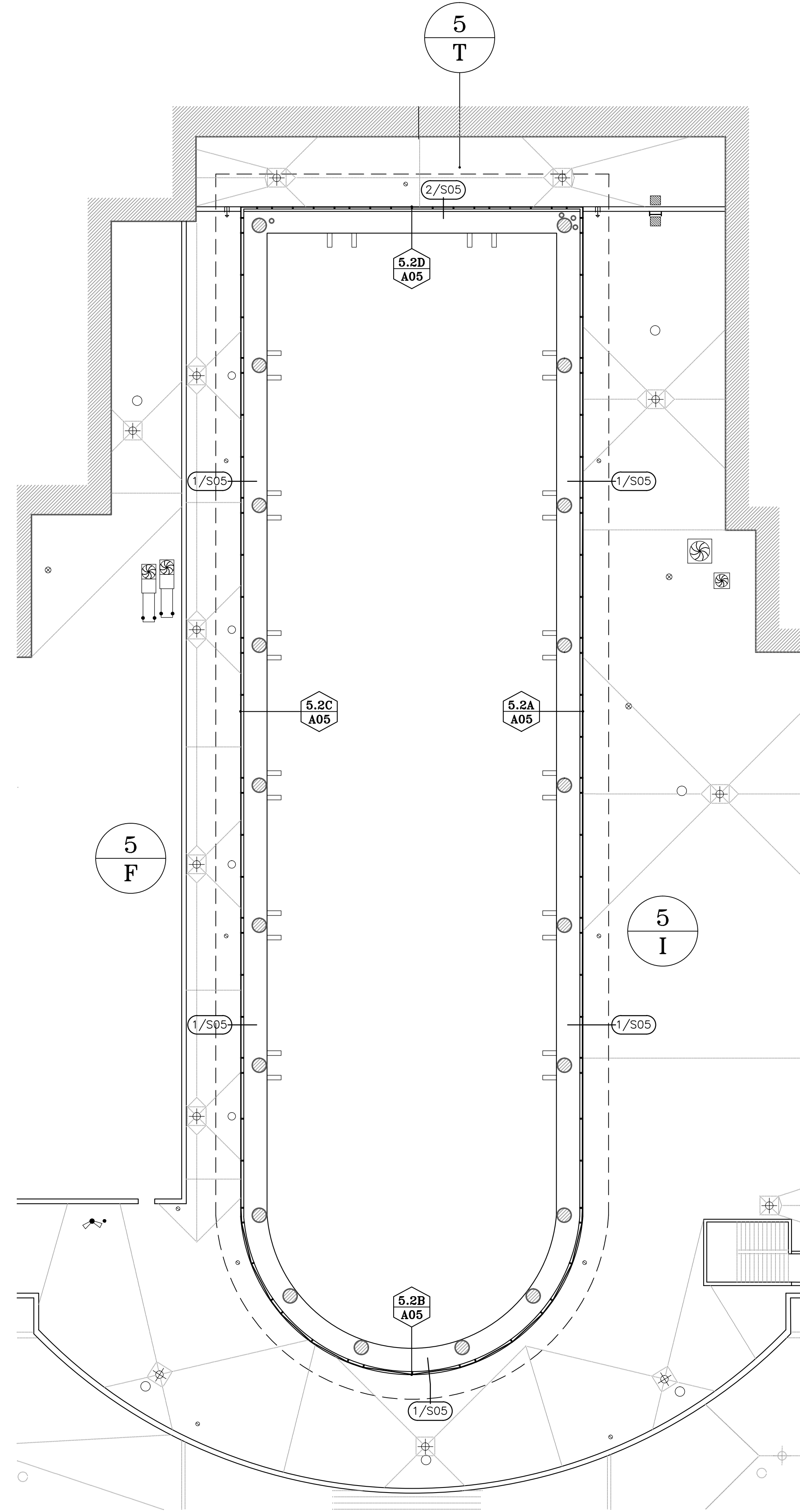


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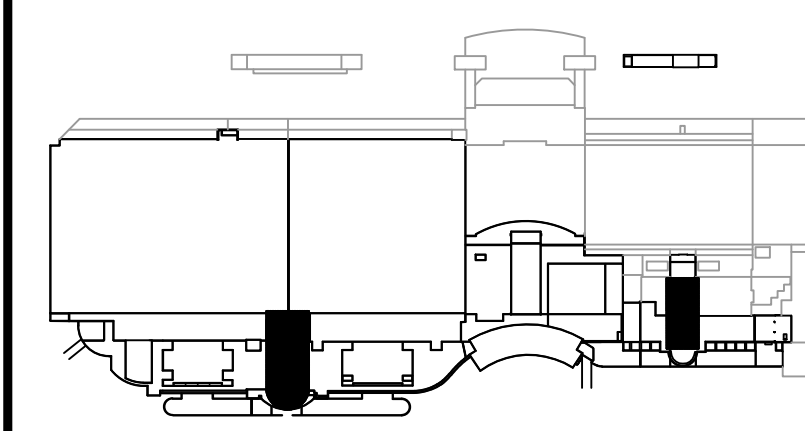
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 LIC. NBR AAC000932
 601 North Fern Creek Avenue
 Suite 100 Orlando, FL
 32803-4899
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S02.1 GLAZING REPLACEMENT FOR SYSTEM 4.1 AT ROOF 4/C
SCALE: 1/16" = 1'-0"

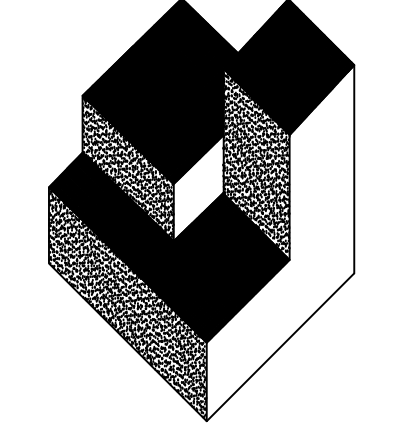


S02.2 GLAZING REPLACEMENT FOR SYSTEM 5.2 AT ROOFS 5/I AND 5/T
SCALE: 1/16" = 1'-0"



KEY PLAN
SCALE: NTS

TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE FLORIDA BUILDING CODE 2014.

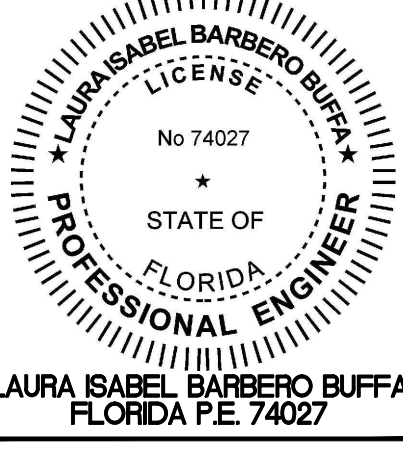


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GLAZING REPLACEMENT AT ROOFS 4/C, 5/I, AND 5/T

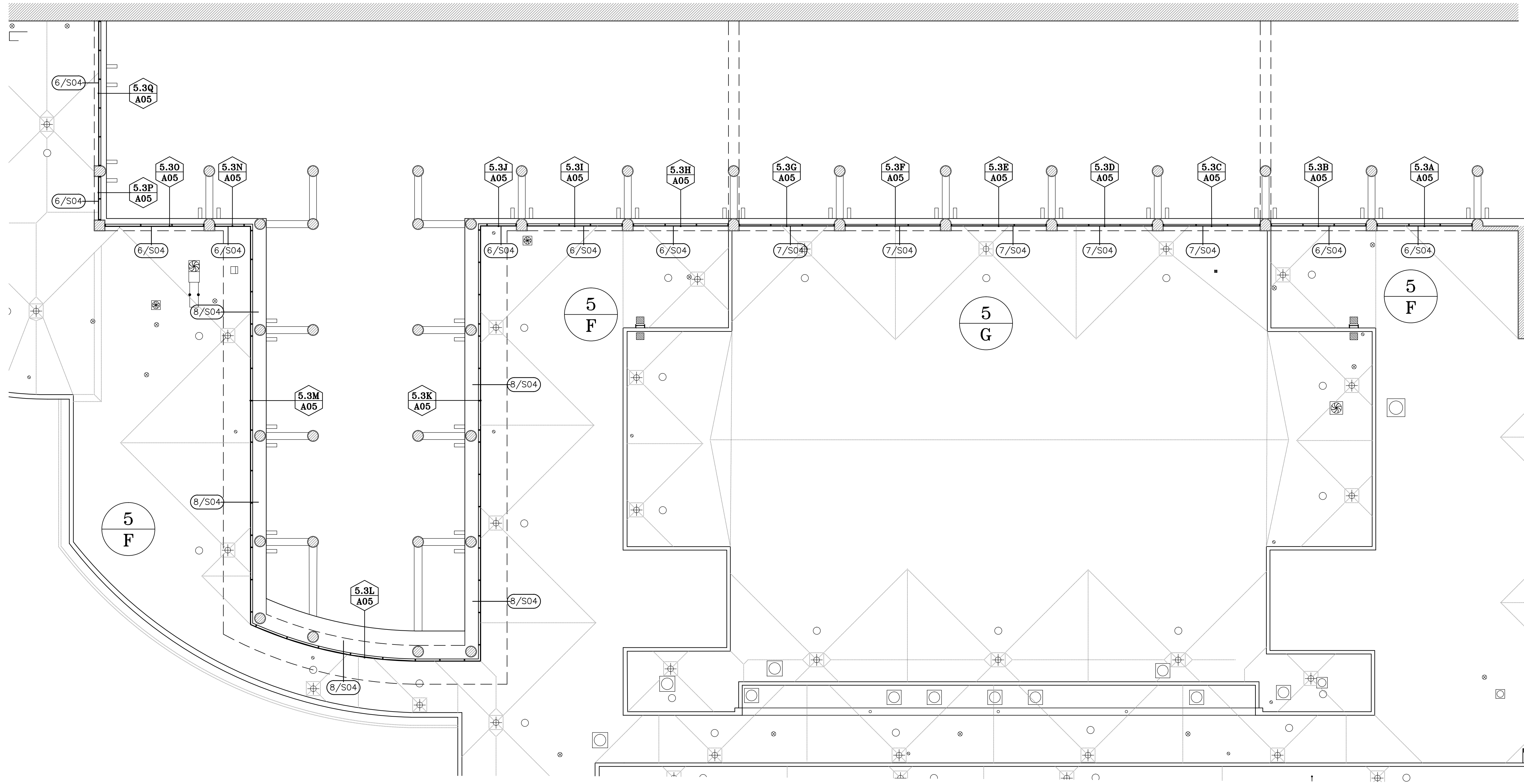
DESIGNATED REPAIRS FOR:

OCCC WEST BUILDING CURTAIN WALL REPLACEMENT
ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 1603200
DRAWN BY: MR
CHECKED BY: LBB
DATE: 09-01-2017
SCALE: NTS
PLOT SCALE:

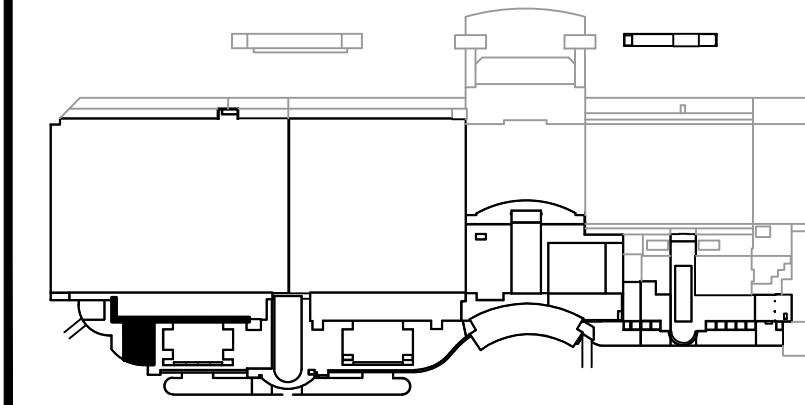
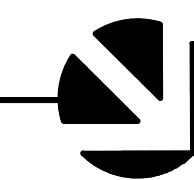
S02
SHEET NO. 1
23 OF 26 SHEET(S)

G F E D C B A

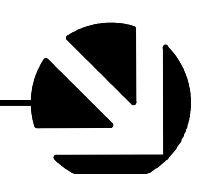


S03.1 GLAZING REPLACEMENT FOR SYSTEM 5.3 AT ROOFS 5/F AND 5/G

SCALE: 1/16" = 1'-0"



KEY PLAN
SCALE: NTS



GLAZING REPLACEMENT AT ROOFS 5/F AND 5/G

DESIGNATED REPAIRS FOR:

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ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 16032.00
DRAWN BY: MR
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DATE: 09-01-2017
SCALE: NTS
PLOT SCALE:

S03
SHEET NO. 1
24 OF 26 SHEETS(S)

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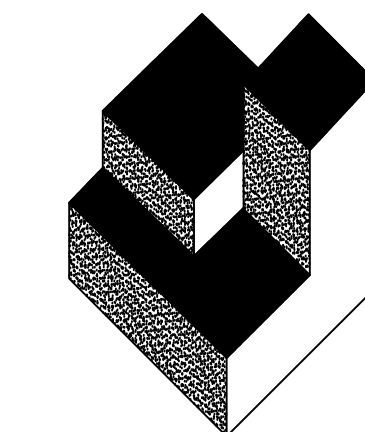
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FLORIDA P.E. 74027

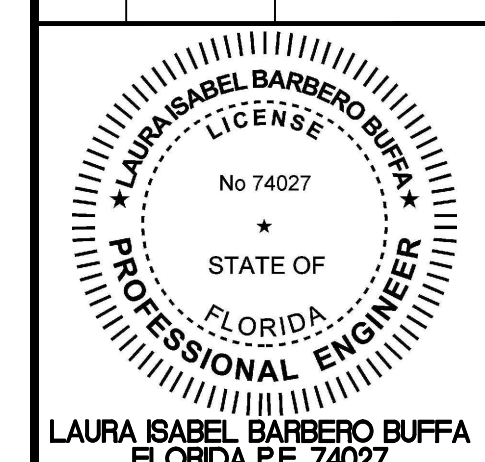
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CORPORATE OFFICE: 1100 ALBUQUERQUE BLVD., SUITE 2000, ORLANDO, FLORIDA 32801
TEL: (407) 277-7227



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Architecture
Roof Consulting
Construction Technology
LIC. NBR AAC000932
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Suite 100 Orlando, FL
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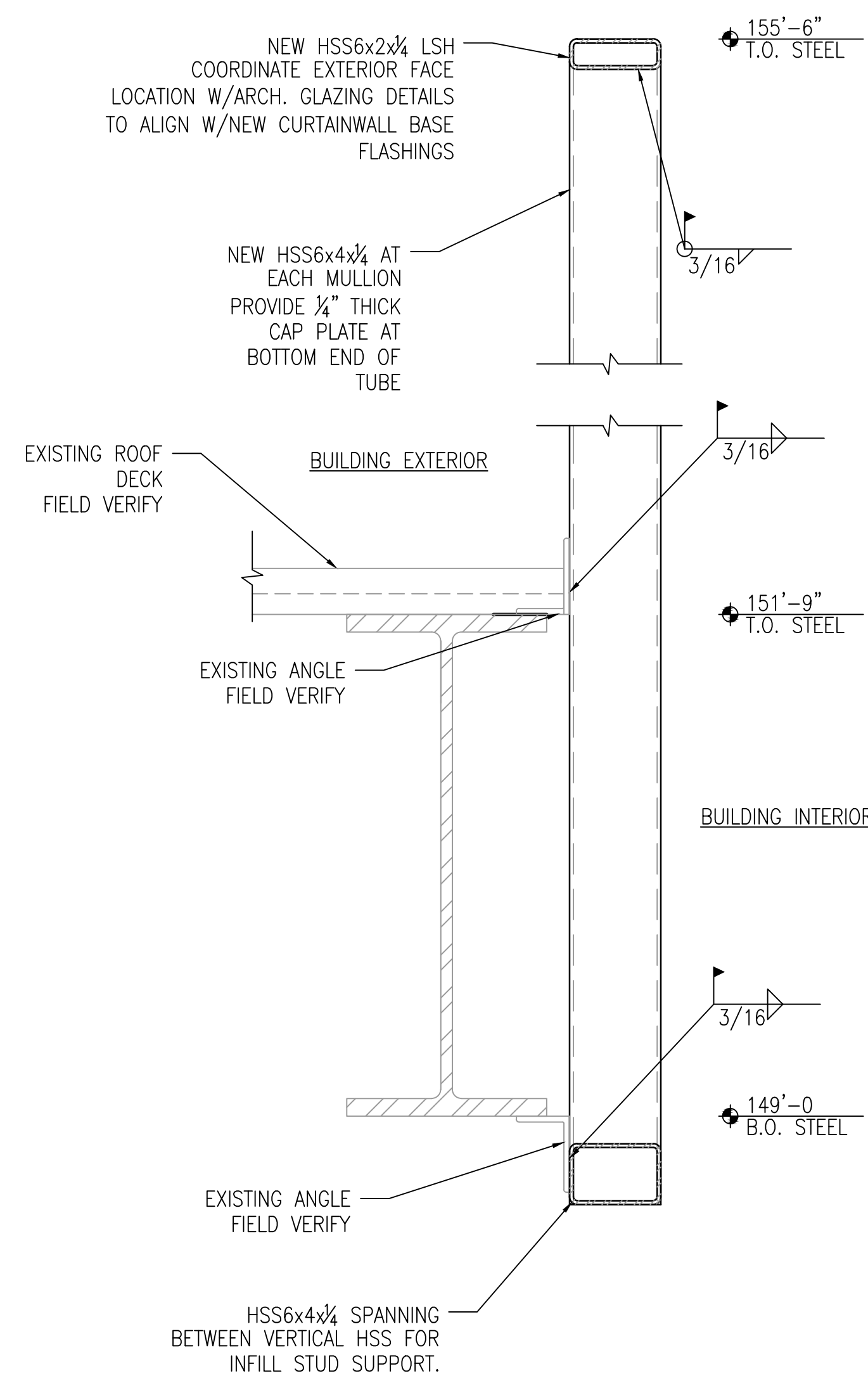
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DESIGNATED REPAIRS OF:
ORCC WEST BUILDING CURTAIN WALL REPLACEMENT
ORANGE COUNTY CONVENTION CENTER
9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

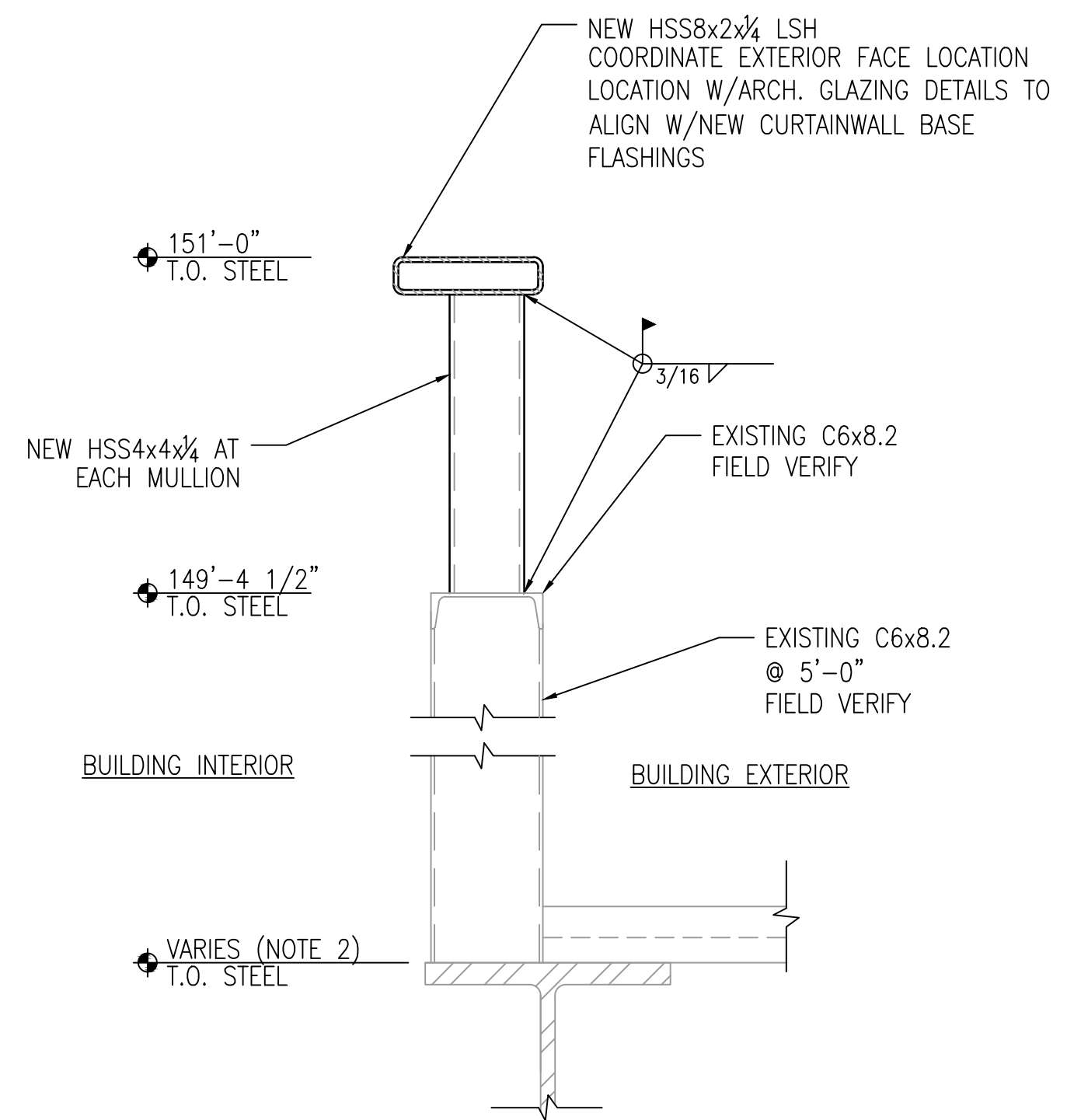
JOB NO.: 16032.00
DRAWN BY: MR
CHECKED BY: LEB
DATE: 09-01-2017
SCALE: AS NOTED
PLOT SCALE:
S04
SHEET NO.:
25 OF 25 SHEET(S)

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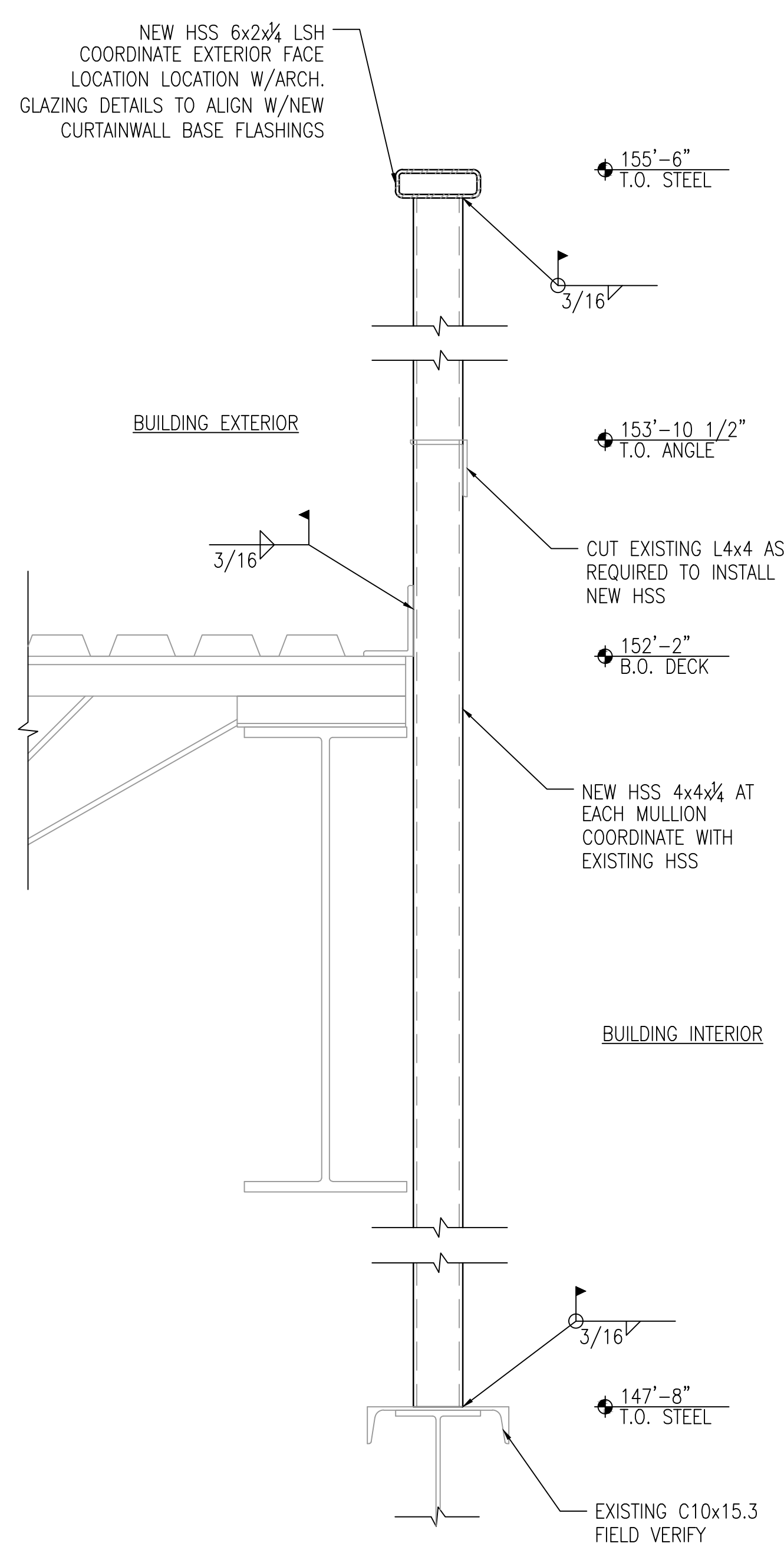
- NOTES:
1. SEE 1/S04 FOR INFILL STUD BETWEEN HSS4x4 INFO.
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURAL STEEL MEMBER SIZES AND ELEVATIONS PRIOR TO NEW STEEL FABRICATION.
3. NOTIFY EOR IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN ON DETAIL.

5 KNEE WALL AT GLAZING SYSTEM 5.1 AT ROOF 5/K SCALE: 1 1/2" = 1'-0"



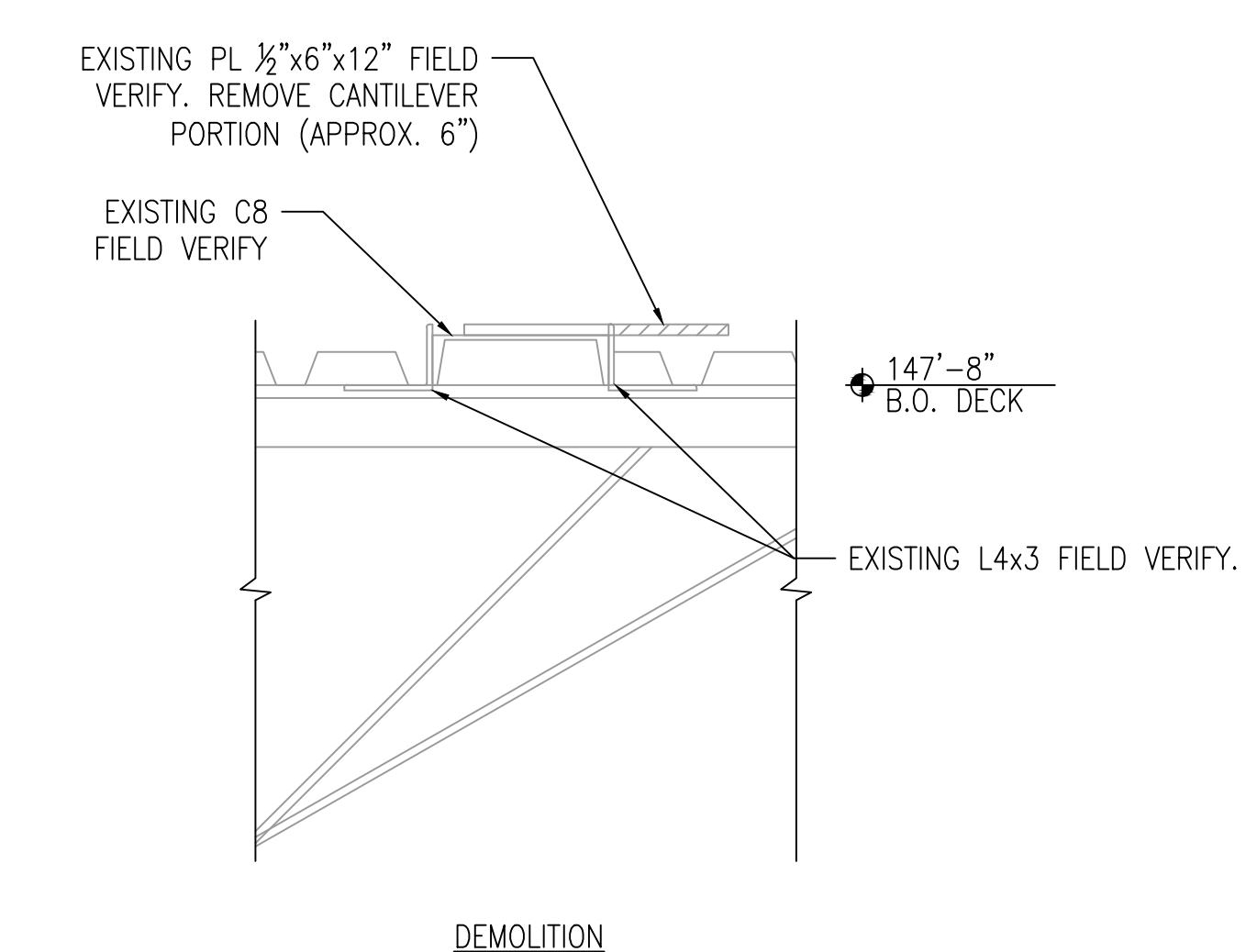
- NOTES:
1. SEE 1/S04 FOR INFILL STUD BETWEEN HSS4x4 INFO.
2. ELEVATION VARIES BETWEEN 147'-8 1/2" AND 148'-6".
3. CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURAL STEEL MEMBER SIZES AND ELEVATIONS PRIOR TO NEW STEEL FABRICATION.
4. NOTIFY EOR IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN ON DETAIL.

6 KNEE WALL AT GLAZING SYSTEM 5.3 AT ROOF 5/F SCALE: N.T.S.



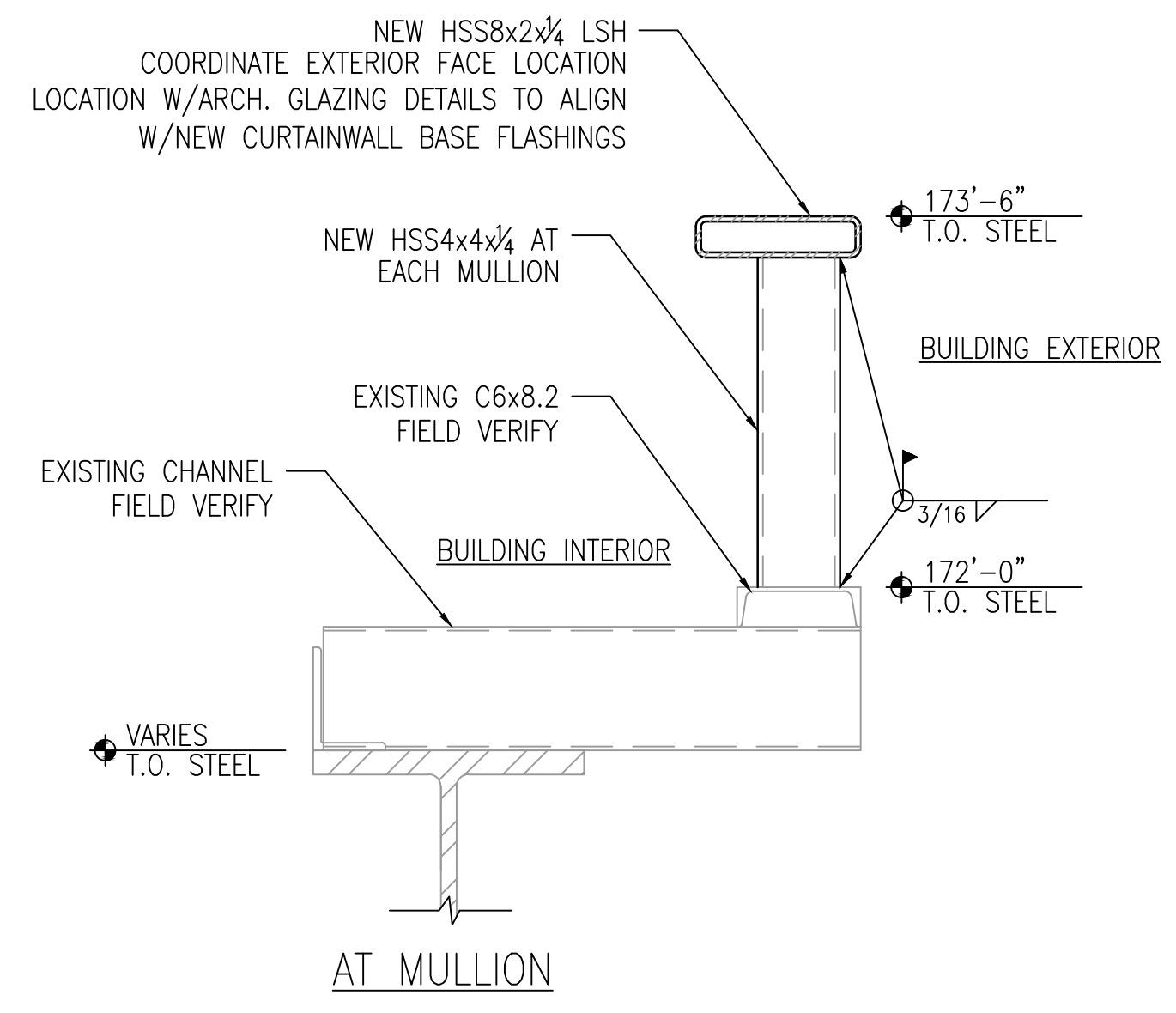
- NOTES:
1. STUD INFILL BETWEEN HSS TO BE 362S162-43 @ 16" O.C. W/362I126-43 TRACKS TOP AND BOTTOM. SEE 1/S04 FOR ATTACHMENT INFO.
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURAL STEEL MEMBER SIZES AND ELEVATIONS PRIOR TO NEW STEEL FABRICATION.
3. NOTIFY EOR IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN ON DETAIL.

7 KNEE WALL AT GLAZING SYSTEM 5.3 AT ROOF 5/G SCALE: N.T.S.

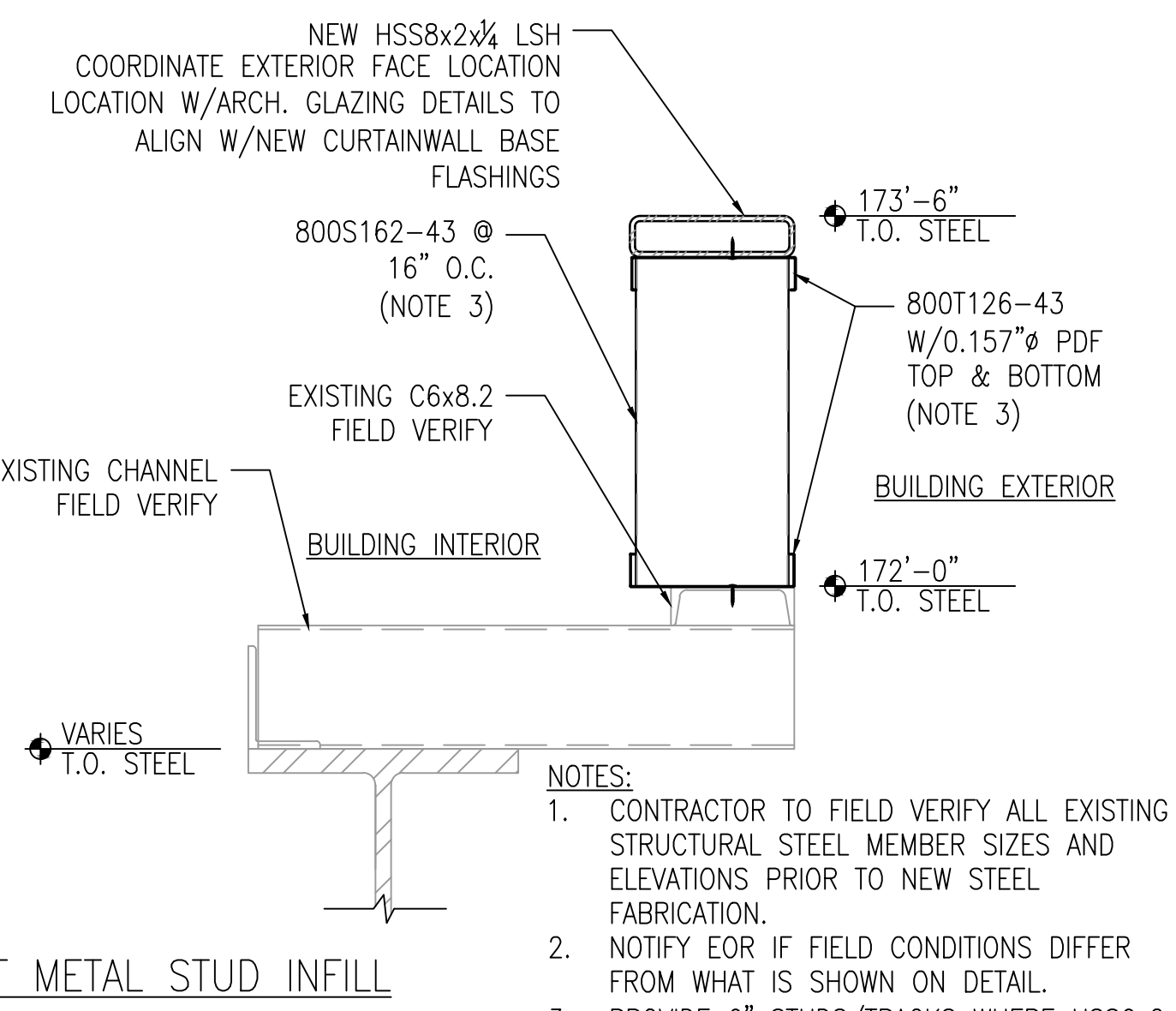


- NOTES:
1. SEE 1/S04 FOR INFILL STUD BETWEEN HSS4x4 INFO.
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURAL STEEL MEMBER SIZES AND ELEVATIONS PRIOR TO NEW STEEL FABRICATION.
3. NOTIFY EOR IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN ON DETAIL.

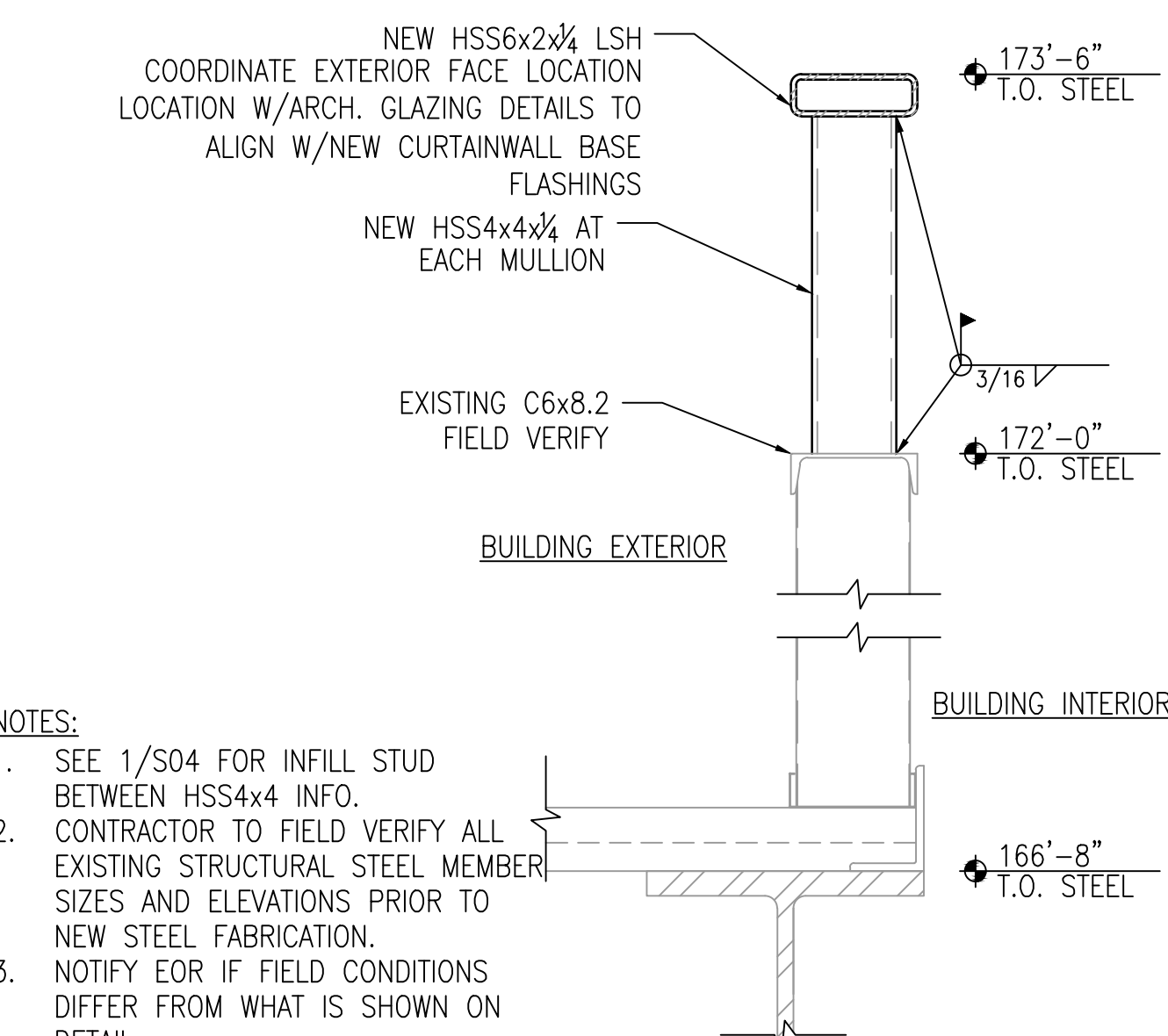
8 KNEE WALL AT GLAZING SYSTEM 5.3 AT ROOF 5/F SCALE: N.T.S.



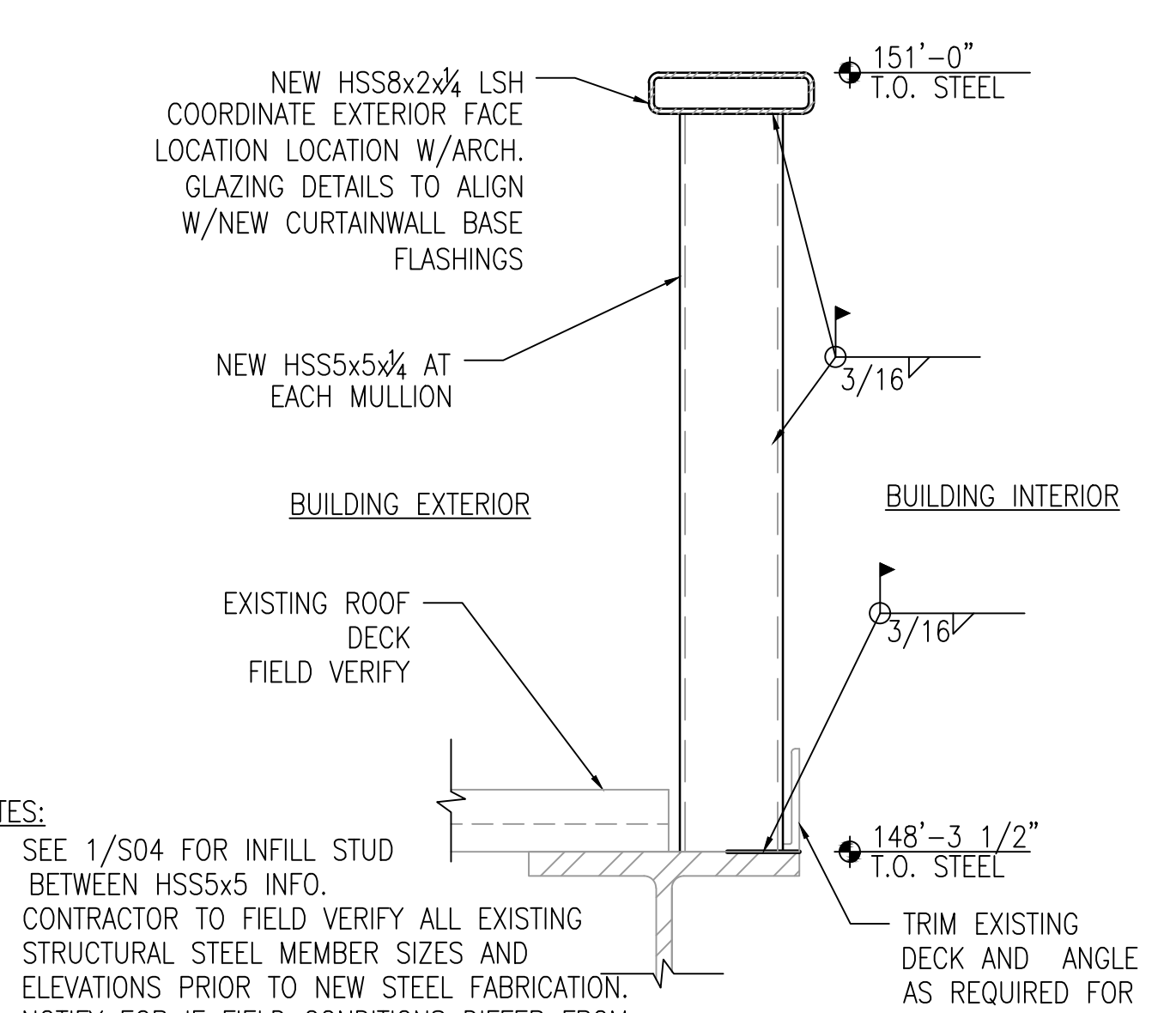
1 KNEE WALL AT GLAZING SYSTEM 3.1 AT MULLION SCALE: 1 1/2" = 1'-0"



2 KNEE WALL AT GLAZING SYSTEM 3.2 AT METAL STUD INFILL SCALE: 1 1/2" = 1'-0"



3 KNEE WALL AT GLAZING SYSTEM 3.2 SCALE: 1 1/2" = 1'-0"



4 KNEE WALL AT GLAZING SYSTEM 5.1 AT ROOF 5/I SCALE: 1 1/2" = 1'-0"

DETAILS I

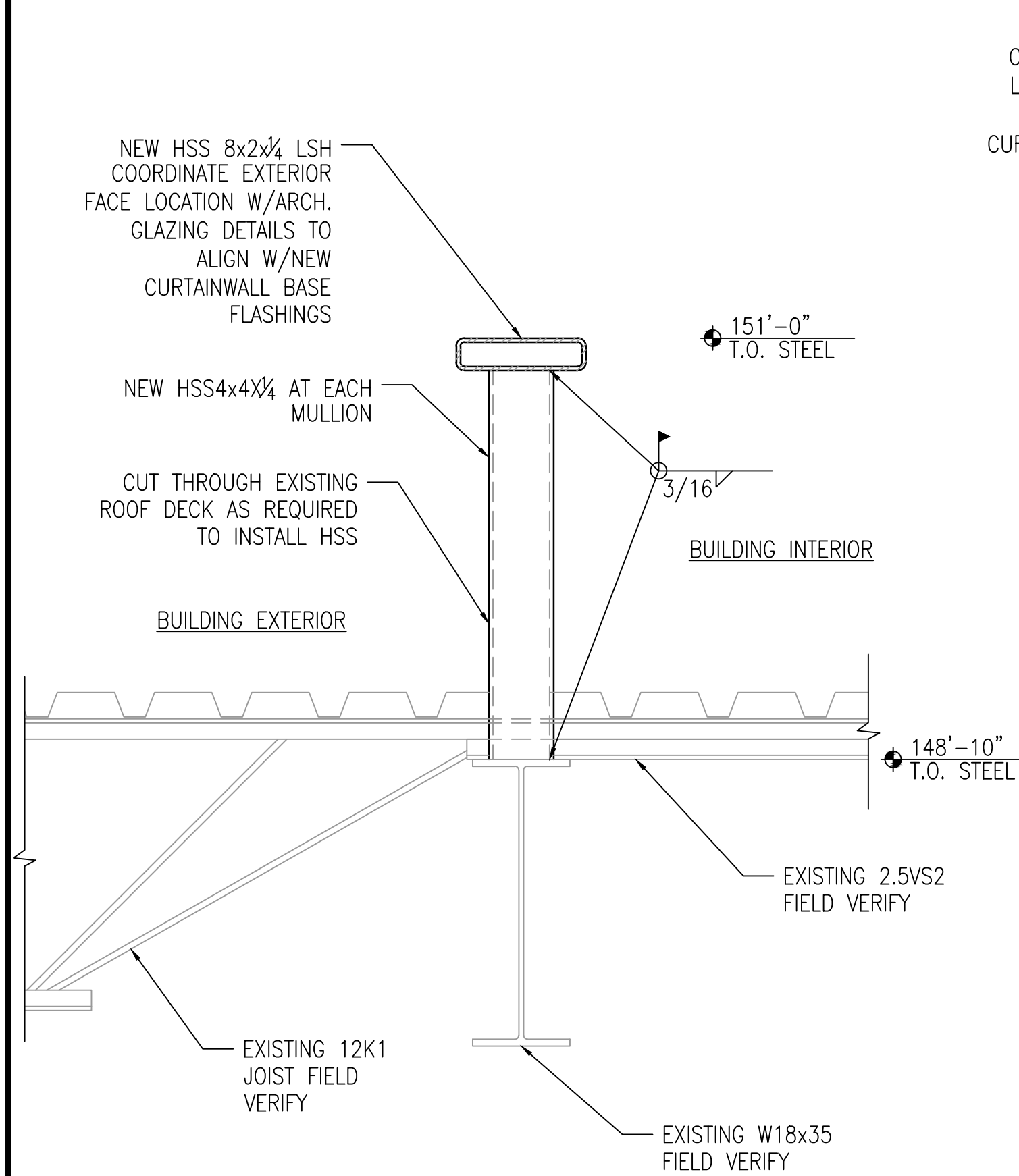
SPECIAL INSPECTION PLAN:

- A. DESCRIPTION OF THE WORK:**
- SPECIAL INSPECTION SERVICES SHALL CONFORM TO THE REQUIREMENTS OF FLORIDA STATUTE CHAPTER 553.
 - THE SPECIAL INSPECTOR SHALL PERFORM OBSERVATION AND INSPECTION OF ALL STRUCTURAL MEMBERS, FRAMES, SYSTEMS, AND OTHER BUILDING COMPONENTS FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, INCLUDING ALL APPROVED AMENDMENTS AND ADDENDA.
- B. QUALIFICATIONS OF THE SPECIAL INSPECTOR:**
- THE SPECIAL INSPECTOR SHALL BE CERTIFIED AS REQUIRED BY CURRENT STATE OF FLORIDA STATUTES.
 - THE SPECIAL INSPECTOR SHALL BE PERMITTED TO SEND HER OR HIS DULY AUTHORIZED REPRESENTATIVE TO THE JOB SITE TO PERFORM THE NECESSARY INSPECTIONS PROVIDED ALL REQUIRED WRITTEN REPORTS ARE PREPARED BY AND BEAR THE SEAL OF THE SPECIAL INSPECTOR AND ARE SUBMITTED TO THE ENFORCEMENT AGENCY.
 - SPECIAL INSPECTORS UTILIZING AUTHORIZED REPRESENTATIVES SHALL ENSURE THE AUTHORIZED REPRESENTATIVE IS QUALIFIED BY EDUCATION, EXPERIENCE, AND TRAINING TO PERFORM THE DUTIES ASSIGNED BY THE SPECIAL INSPECTOR. THE AUTHORIZED REPRESENTATIVE SHALL HAVE A MINIMUM OF TWO (2) YEARS OF RELEVANT EXPERIENCE UNDER THE DIRECT SUPERVISION OF A SPECIAL INSPECTOR.
- C. SPECIAL INSPECTOR'S RESPONSIBILITIES AND LIMITATIONS:**
- THE PRESENCE OF THE SPECIAL INSPECTOR DOES NOT RELIEVE THE OWNER, THE ENFORCING AGENCY, THE ENGINEER OF RECORD, AND THE CONTRACTOR OF THEIR INDIVIDUAL RESPONSIBILITIES.
 - THE SPECIAL INSPECTOR SHALL PERFORM A COMPLETE REVIEW OF, AND BECOME FAMILIAR WITH, THE CONTRACT DOCUMENTS IN RELATION TO THE CONTEXT OF THE SPECIAL INSPECTION SERVICES INVOLVED.
 - THE SPECIAL INSPECTOR SHALL COORDINATE THE SPECIAL INSPECTION WORK AND COOPERATE WITH THE CONTRACTOR, WHILE REFRAINING FROM DIRECTING WORK.
 - THE SPECIAL INSPECTOR SHALL BE PRESENT AT THE SITE FOR AN APPROPRIATE LENGTH OF TIME NECESSARY TO ASSURE THAT THE WORK IS BEING DONE IN CONFORMANCE WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS.
 - THE SPECIAL INSPECTOR SHALL INSTITUTE QUALITY ASSURANCE PROCEDURES TO INCLUDE, BUT NOT BE LIMITED TO, REQUIRING UNSCHEDULED VISITS, UTILIZATION OF RELEVANT CHECK LISTS, USE OF A DAILY INSPECTION REPORT, AND INSURING THAT THE SPECIAL INSPECTOR OR THE AUTHORIZED REPRESENTATIVE IS AT THE PROJECT WHENEVER SO REQUIRED BY THE INSPECTION PLAN.
 - THE SPECIAL INSPECTOR SHALL, UPON COMPLETION OF THE BUILDING AND PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, FILE A SIGNED AND SEALED STATEMENT WITH THE ENFORCEMENT AGENCY IN SUBSTANTIALLY THE FOLLOWING FORM: "TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE CONSTRUCTION OF ALL STRUCTURAL LOAD-BEARING COMPONENTS DESCRIBED IN THE THRESHOLD INSPECTION PLAN COMPLIES WITH THE PERMITTED DOCUMENTS, AND THE SPECIALTY SHORING DESIGN PROFESSIONAL ENGINEER HAS ASCERTAINED THAT THE SHORING AND RESHORING CONFORMS WITH THE SHORING AND RESHORING PLANS SUBMITTED TO THE ENFORCEMENT AGENCY."
- D. CONTRACTOR'S RESPONSIBILITIES:**
- THE CONTRACTOR SHALL COOPERATE WITH, ASSIST, AND PROVIDE FREE

- ACCESS TO THE SPECIAL INSPECTOR AT ALL TIMES.
- THE CONTRACTOR SHALL ADVISE THE SPECIAL INSPECTOR IN A TIMELY FASHION OF CONSTRUCTION SCHEDULES AND PLANNED OPERATIONS TO ACCOMMODATE THE REQUIRED INSPECTIONS. A MINIMUM TWENTY-FOUR (24) HOURS NOTICE IS REQUIRED.
 - THE CONTRACTOR SHALL, UPON BEING INFORMED BY THE SPECIAL INSPECTOR, IMMEDIATELY CAUSE TO ELIMINATE ANY DISCREPANCIES AND DEVIATIONS.
- E. OWNER'S RESPONSIBILITIES**
- THE OWNER SHALL RETAIN A SPECIAL INSPECTOR TO PERFORM THE INSPECTION SERVICES AS DESCRIBED HEREIN.
 - THE OWNER SHALL PAY ALL COSTS OF EMPLOYING A SPECIAL INSPECTOR, BUT THE SPECIAL INSPECTOR SHALL BE RESPONSIBLE TO THE ENFORCEMENT AGENCY.
 - THE OWNER SHALL ARRANGE FOR ALL NECESSARY CONTRACT DOCUMENTS INCLUDING GEOTECHNICAL REPORT, MATERIAL TEST REPORTS, AND APPROVED SHOP DRAWINGS TO BE FURNISHED TO THE SPECIAL INSPECTOR IN A TIMELY MANNER.
- F. FREQUENCY OF INSPECTION**
- THE SPECIAL INSPECTOR SHALL PERFORM SITE VISITS TO PERFORM INSPECTIONS REQUIRED BY THIS PLAN.
 - THE FOLLOWING MINIMUM DAILY ON-SITE INSPECTION SCHEDULE SHALL BE PROVIDED BY THE SPECIAL INSPECTOR'S SITE REPRESENTATIVE:
 - STRUCTURAL STEEL: A REPRESENTATIVE MUST PERIODICALLY INSPECT THE WORK AS DESIRED HEREIN.
 - OTHER INSPECTIONS: A REPRESENTATIVE MUST SPEND ADEQUATE TIME TO THOROUGHLY INSPECT THE WORK AS DESIRED HEREIN.
- G. DISCREPANCIES AND DEVIATIONS**
- THE SPECIAL INSPECTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTOR OF ALL DISCREPANCIES AND DEVIATIONS FROM THE CONTRACT DOCUMENTS.
 - THE CONTRACTOR SHALL, UPON BEING INFORMED BY THE SPECIAL INSPECTOR, IMMEDIATELY CAUSE TO ELIMINATE SUCH DISCREPANCIES AND DEVIATIONS.
 - IF THE CONTRACTOR DOES NOT ELIMINATE SUCH DISCREPANCIES AND DEVIATIONS, THE SPECIAL INSPECTOR SHALL NOTIFY THE ENGINEER OF RECORD WITHIN 24 HOURS.
- H. SPECIAL INSPECTION REPORT REQUIREMENTS:**
- THE SPECIAL INSPECTOR SHALL SUBMIT WEEKLY WRITTEN REPORTS TO THE ENFORCING AGENCY, WITH COPIES TO THE OWNER, ARCHITECT, ENGINEER OF RECORD AND CONTRACTOR. THIS REPORT SHALL BEAR THE SIGNATURE AND SEAL OF THE SPECIAL INSPECTOR.
 - REPORTS SHALL INCLUDE:
 - DATE INSPECTION WAS CONDUCTED.
 - A DESCRIPTION OF WORK INSPECTED, INCLUDING LOCATION OF WORK BEING PERFORMED.
 - WORKING CONDITIONS INCLUDING WEATHER, TEMPERATURE, TIME OF DAY.
 - CHANGES IN WORKING SEQUENCE OR MATERIALS AND ANY UNUSUAL CIRCUMSTANCES AFFECTING THE PERFORMANCE OF WORK.
 - ANY DISCREPANCIES OR DEVIATIONS FROM THE CONTRACT DOCUMENTS AND WHETHER ANY MEASURES WERE TAKEN BY THE CONTRACTOR TO CORRECT THESE CONDITIONS.
 - NON-COMFORMANCE AND CORRECTIONS LOG: THE SPECIAL INSPECTOR

- SHALL KEEP AN EXCEPTIONS AND CORRECTIONS LOG FOR FOLLOW-UP.
- THE LOG SHALL INCLUDE, FOR EACH NON-COMFORMANCE ITEM, THE DATE IT WAS NOTED, THE CORRECTIVE ACTION TAKEN, AND THE DATE IT WAS RECTIFIED.
 - THIS LOG SHALL BE REVIEWED ON A DAILY BASIS BY THE LICENSED SPECIAL INSPECTOR AND UPDATED AS EXCEPTIONS ARE RECTIFIED.
4. LETTER OF COMPLETION: IN ACCORDANCE WITH SECTION 553.79 (7)A OF THE FLORIDA STATUTES, THE SPECIAL INSPECTOR SHALL, UPON COMPLETION OF THE BUILDING AND PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, FILE A SIGNED AND SEALED LETTER WITH THE ENFORCEMENT AGENCY
- I. STRUCTURAL STEEL**
- VISUALLY INSPECT STEEL AS IT IS RECEIVED FOR POSSIBLE DAMAGE IN SHIPPING, WORKMANSHIP, AND PRICE MARKING.
 - VERIFY THAT STEEL MEMBER SIZES AND STEEL GRADE CONFORM TO THE CONTRACT DOCUMENTS AND APPROVED SHOP DRAWINGS.
 - REVIEW ALL WELDERS' CERTIFICATIONS AND ENSURE THEY ARE CURRENT FOR TYPES OF WELDS BEING PERFORMED.
 - CHECK THE INSTALLATION OF BASE PLATES FOR PROPER LEVELING. VERIFY THE PROPER GROUT TYPE AND INSTALLATION PROCEDURES ARE FOLLOWED. INSPECT 100% OF THE COLUMN COMPRESSION AND BASE JOINTS FOR VERIFICATION THAT GAPS IN CONTACT BEARING DO NOT EXCEED 1/16 INCH.
 - PERIODICALLY INSPECT THE STEEL FRAME FOR SUCH ITEMS AS BRACING, STIFFENERS, MEMBER LOCATIONS, AND JOINT DETAILS AT EACH CONNECTION FOR COMPLIANCE WITH CONTRACT DOCUMENTS AND APPROVED SHOP DRAWINGS.
 - REPORT ANY NOTED UNAUTHORIZED STRUCTURAL STEEL MODIFICATIONS TO THE ENGINEER OF RECORD.
 - VISUALLY CHECK THAT ALL CONNECTIONS ARE COMPLETED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE APPROVED SHOP DRAWINGS.
 - OBSERVE THAT PROPER WELDING PROCEDURES ARE BEING IMPLEMENTED. VERIFY THAT WELDS ARE INSPECTED AND TESTED BY THE TESTING LABORATORY.
 - VERIFY BOLT AND WASHER SIZES AND TYPES THAT ARE BEING INSTALLED. VERIFY THE TIGHTENING METHOD FOR HIGH STRENGTH BOLTS AND THAT IMPACT WRENCHES ARE BEING PROPERLY CALIBRATED. VISUALLY CHECK THAT BOLTS ARE BEING TIGHTENED PROPERLY.
 - OBTAIN A COPY OF THE APPROVED ERECTION PLAN THAT HAS BEEN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA. VERIFY THAT STEEL IS ERECTED IN ACCORDANCE WITH THE APPROVED ERECTION PLAN.
 - VERIFY THAT TEMPORARY BRACING IS INSTALLED AND IS IN CONFORMANCE WITH THE APPROVED ERECTION DRAWINGS.
- J. COLD-FORMED (LIGHT GAUGE) METAL FRAMING**
- REVIEW THE CONSTRUCTION DOCUMENTS AND MAKE SURE ALL DRAWINGS, SPECIFICATIONS, ADDENDUMS, AND SKETCHES ARE AVAILABLE AND UP TO DATE.
 - VERIFY THAT LIGHT-GAUGE METAL STRUCTURAL MEMBER PROFILES AND GAUGES CONFORM TO THE CONTRACT DOCUMENTS AND APPROVED SHOP DRAWINGS.
 - PERIODICALLY INSPECT THE LIGHT GAUGE FRAME FOR COMPLIANCE WITH CONTRACT DOCUMENTS AND APPROVED SHOP DRAWINGS FOR SUCH ITEMS AS SPLICE LOCATIONS, REINFORCEMENT FOR WHEN STUDS AND PLATES ARE CUT, AND ADEQUATE BEARING AND CONNECTION TO SUPPORTING MEMBERS.

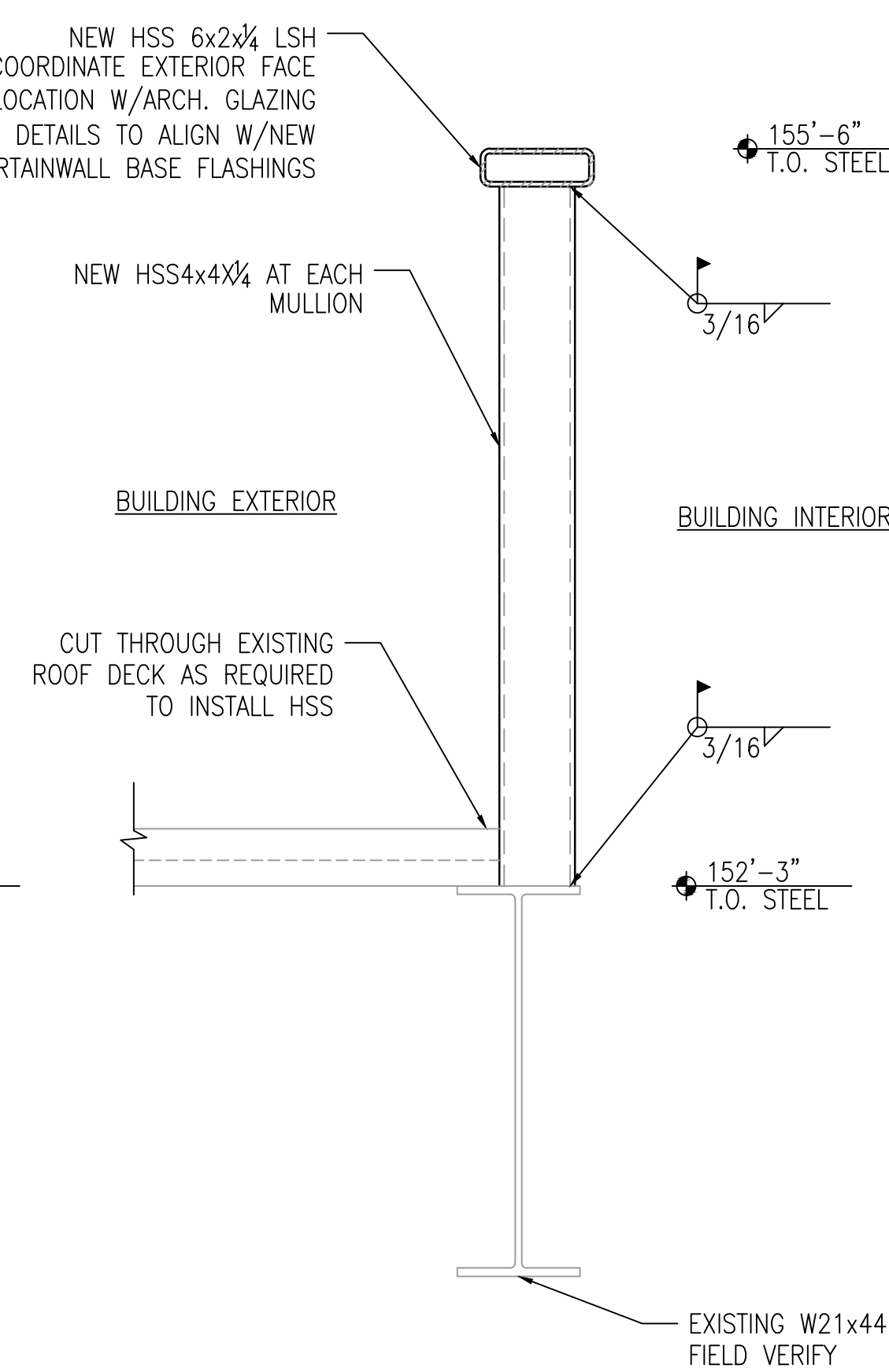
- VERIFY PROPER FASTENER SIZE, QUANTITY, AND LOCATIONS.
 - VERIFY THAT BRACING OF STUDS CONFORMS TO CONTRACT DOCUMENTS AND APPROVED SHOP DRAWINGS.
- K. EXISTING STRUCTURES**
- VERIFY THAT THE STORAGE OF MATERIALS ON EXISTING FLOORS HAS BEEN APPROVED BY THE ENGINEER OF RECORD.
 - VERIFY THAT THE DEMOLITION AND INSTALLATION LIMITATIONS DEFINED ON THE CONTRACT DOCUMENTS ARE NOT EXCEEDED.
 - VERIFY THAT ALL DEMOLITION AND INSTALLATION PROCEDURES ARE IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.
 - VERIFY THAT ALL NEW OPENINGS IN THE EXISTING STRUCTURE HAVE BEEN REVIEWED BY THE ENGINEER OF RECORD BEFORE THE COMMENCEMENT OF CORE DRILLING OR DEMOLITION.



NOTES:

- SEE 1/S04 FOR INFILL STUD BETWEEN HSS4x4 INFO.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURAL STEEL MEMBER SIZES AND ELEVATIONS PRIOR TO NEW STEEL FABRICATION.
- NOTIFY EOR IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN ON DETAIL.

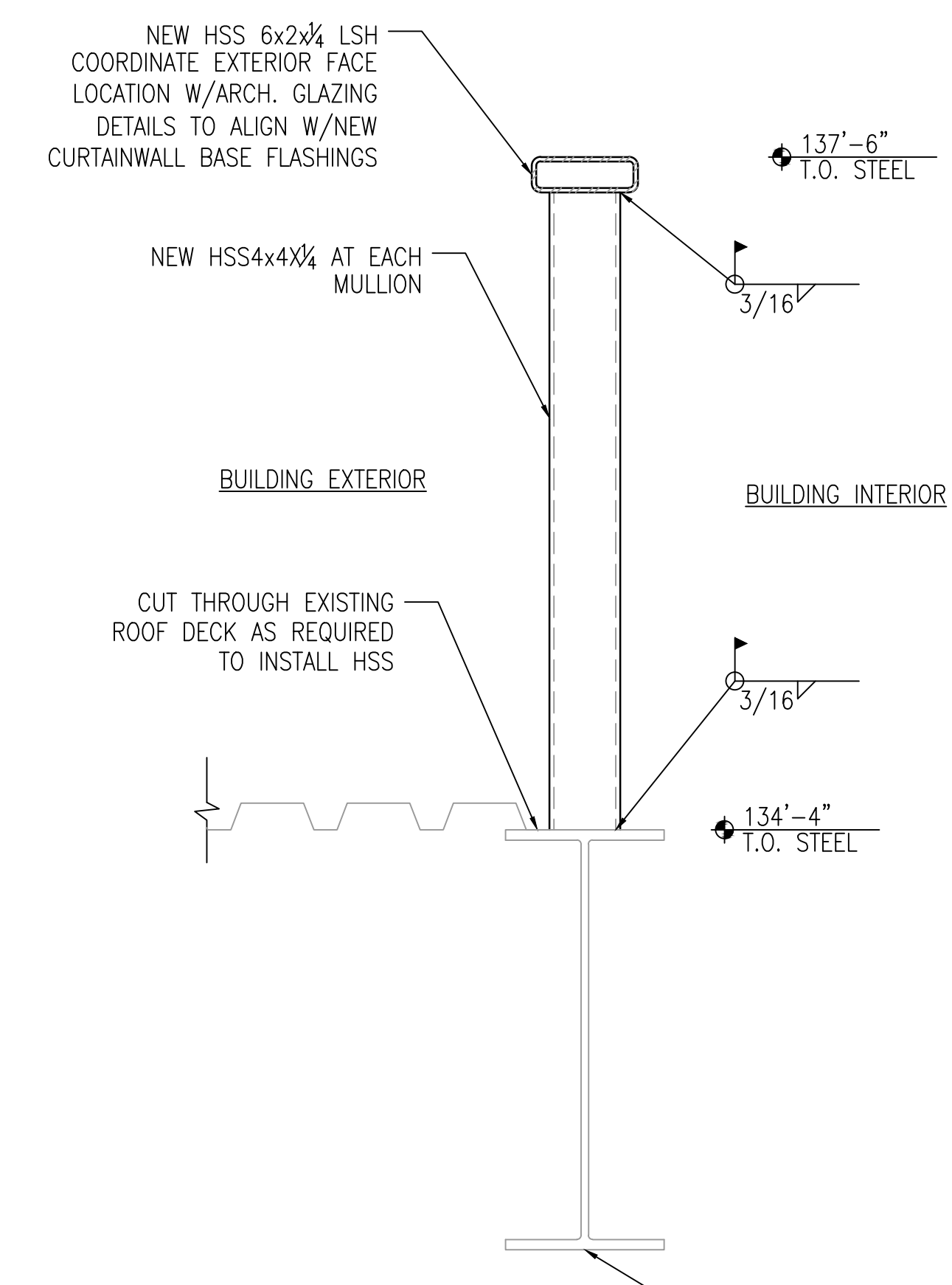
1 KNEE WALL AT GLAZING SYSTEM 5.2 AT ROOF 5/1 SCALE: N.T.S.



NOTES:

- SEE 1/S04 FOR INFILL STUD BETWEEN HSS4x4 INFO.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURAL STEEL MEMBER SIZES AND ELEVATIONS PRIOR TO NEW STEEL FABRICATION.
- NOTIFY EOR IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN ON DETAIL.

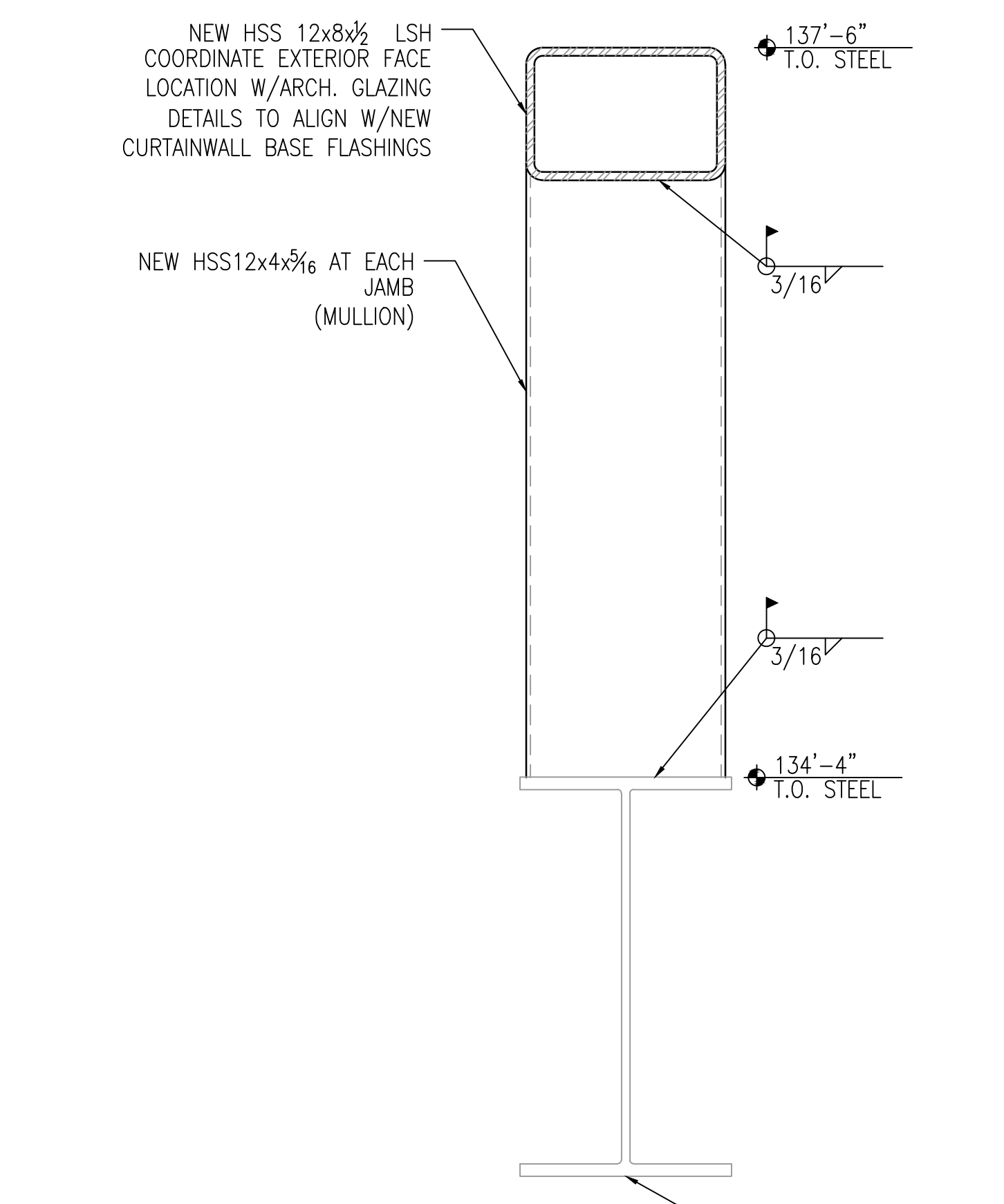
2 KNEE WALL AT GLAZING SYSTEM 5.2 AT ROOF 5/T SCALE: N.T.S.



NOTES:

- SEE 1/S04 FOR INFILL STUD BETWEEN HSS4x4 INFO.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURAL STEEL MEMBER SIZES AND ELEVATIONS PRIOR TO NEW STEEL FABRICATION.
- NOTIFY EOR IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN ON DETAIL.

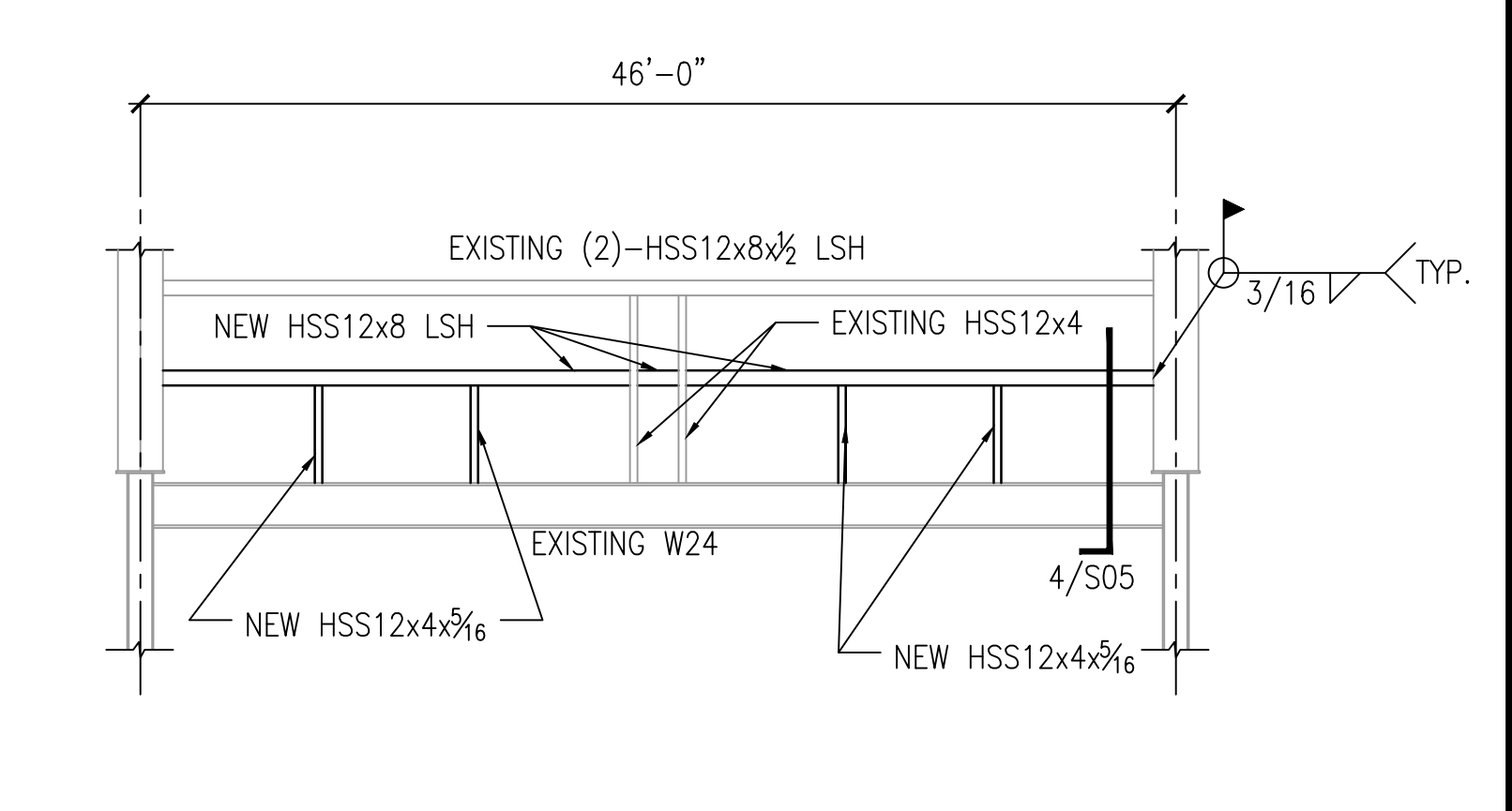
3 KNEE WALL AT GLAZING SYSTEM 4.1 AT ROOF 4/C SCALE: N.T.S.



NOTES:

- SEE 1/S04 FOR INFILL STUD BETWEEN HSS12x4 INFO.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURAL STEEL MEMBER SIZES AND ELEVATIONS PRIOR TO NEW STEEL FABRICATION.
- NOTIFY EOR IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN ON DETAIL.

4 KNEE WALL AT GLAZING SYSTEM 4.1 AT ROOF 4/C SCALE: N.T.S.



NOTES:

- CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURAL STEEL MEMBER SIZES AND ELEVATIONS PRIOR TO NEW STEEL FABRICATION.
- NOTIFY EOR IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN ON DETAIL.
- SEE DETAIL 4/S05 FOR BALANCE OF INFORMATION NOT SHOWN HERE.

5 KNEE WALL AT GLAZING SYSTEM 4.1 AT ROOF 4/C - ELEVATION SCALE: N.T.S.

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A/R/C Associates Incorporated
 Architecture
 Roof Consulting
 Construction Technology
 LLC, NBR AAC000932
 601 North Fern Creek Avenue
 Suite 100 Orlando, FL
 32805-4899
 Tel. (407) 896-7875
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REVISIONS		
NO.	DATE	BY:

Laura Isabel Barbero Buffa
 FLORIDA PROFESSIONAL ENGINEER
 No. 74027
 STATE OF FLORIDA
 Laura Isabel Barbero Buffa
 Florida P.E. 74027

BASE CONSULTANTS, INC.
 ENGINEERS ARCHITECTS INTERIORS
 CERTIFICATE OF AUTHORIZATION No. 22147
 LAURA BARBERO BUFFA, P.E., No. 74027
 1910 WEST CHICKADEE DRIVE
 ORLANDO, FLORIDA 32805
 P.O. BOX 570707

DESIGNATED REPAIRS OF:
 OCCO WEST BUILDING CURTAIN WALL REPLACEMENT
 ORANGE COUNTY CONVENTION CENTER
 9800 INTERNATIONAL DRIVE, ORLANDO, FL 32819

JOB NO.: 16032.00
 DRAWN BY: MR
 CHECKED BY: LBB
 DATE: 09-01-2017
 SCALE: AS NOTED
 PLOT SCALE:

S05
 SHEET NO. 20 OF 26 SHEETS(S)