

KEYNOTE LEGEND: BUILDING ELEVATIONS, SECTIONS, WALL SECTIONS, & DETAILS	
Division 01 - Existing Construction	07.10 BATT INSULATION: R-19 MIN. TYPICAL, OR AS NOTED
01.01 XXX	
Division 02 - Site Construction	07.11 FOUNDATION INSULATION 48" BELOW GRADE
02.01 GRADE - SEE SITE SHEETS	
02.02 SIDEWALK OR SITE PAVING - SEE SITE SHEETS	07.12 EXPANSION JOINT
02.03 1/2" E.J. W/ 1/2" FIBER BD. & SELF LEVELING SEALANT	07.13 E.J. MATERIAL
02.04 SITE WALL - SEE SITE SHEETS	07.14 COLD APPLIED WATER PROOFING
02.05 SITE STAIR / RAMP / DOCK - SEE SITE SHEETS	07.15 6" EXPANDABLE WATER STOP
02.06 CONTAINMENT FENCE - SEE SITE SHEETS	07.16 1 1/2" RIGID EPS INTERIOR INSULATION WITH FURRING AS REQUIRED
02.07 TRENCH DRAIN - SEE SITE SHEETS	07.17 SPRAY FOAM INSULATION R-30
02.08 HANDRAIL - SEE SITE SHEETS	
Division 03 - Concrete	Division 08 - Doors & Windows
03.01 CONC. FOUNDATION / FOOTING - REF. STRUCT.	08.01 HOLLOW METAL DOOR / FRAME - SEE DOOR SCHEDULE
03.02 PRE-CAST CONCRETE WALL - REF. STRUCT.	08.02 F.R.P. DOOR / FRAME - SEE DOOR SCHEDULE
03.03 PRE-CAST HOLLOW CORE CONC. ROOF SLAB - REF. STRUCT.	08.03 HOLLOW METAL WINDOW - SEE WINDOW TYPES
03.04 CAST-IN-PLACE CONCRETE WALL - REF. STRUCT.	08.04 STOREFRONT WINDOW / DOOR - SEE WINDOW TYPES
03.05 REINF. CONC. SLAB ON GRANULAR FILL OVER VAPOR BARRIER - REF. STRUCT. & GEOTECH REPORT	08.05 PRE-FINISHED BREAK METAL - MATCH STOREFRONT FINISH
	08.06 GLASS / ACRYLIC - SEE WINDOW TYPES
03.06 GROUT FILL - REF. STRUCT.	08.07 SKYLIGHT - SEE SPEC.
Division 04 - Masonry	Division 09 - Finishes
04.01 CMU - 8"x8"x16" NORMAL WEIGHT (OR AS NOTED) - REF. STRUCT.	09.01 1/2" GYP. BD. (OR AS INDICATED)
04.02 LAY-IN CEILING - SEE R.C.P.	09.02 MILLWORK / CASEWORK - SEE MILLWORK SHEETS
04.03 MILLWORK / CASEWORK - SEE MILLWORK SHEETS	09.03 SOLID SURFACE - SEE FIN. SCHED.
04.04 SOLID SURFACE - SEE FIN. SCHED.	09.04 PAINT
Division 05 - Metals	Division 10 - Specialties
05.01 STEEL BEAM / JOIST / TRUSS - REF. STRUCT.	10.01 THEMWORK - SEE THEMWORK SHEETS
05.02 STEEL COLUMN - REF. STRUCT.	10.02 SNOW GUARDS - PER MANUF. RECOMMENDED LAYOUT - COLOR TO MATCH ROOF
05.03 STEEL TUBE (SIZE AS NOTED) - REF. STRUCT.	
05.04 STEEL ANGLE (SIZE AS NOTED) - REF. STRUCT.	Division 11 - Equipment
05.05 STEEL PLATE (SIZE AS NOTED) - REF. STRUCT.	11.01 KITCHEN EQUIPMENT - SEE KITCHEN EQUIPMENT SHEETS
05.06 STEEL LINTEL - REF. STRUCT.	11.02 EQUIPMENT BY OWNER - N.I.C.
05.07 METAL ROOF DECK - REF. STRUCT.	11.03 WATER STORAGE SILO - SEE SITE SHEETS (ANY PAINTED SIGNAGE BY OWNER)
05.08 3/4" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	
05.09 1/2" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	Division 12 - Furnishings
05.10 PRE-FINISHED METAL SOFFIT PANEL	12.01 XXX
05.11 METAL FRAMING AS REOD	Division 13 - Special Construction
05.12 HEADER - REF. STRUCT.	13.01 12"x24"x12" S.S. WOVEN WIRE MESH W/ BLACK OXIDE FINISH - SEE TYP. DETAIL F/SA.1.
05.13 COLD ROLLED METAL JOISTS @ 16" O.C. (SIZE AS INDIC'D) - REF. STRUCT.	13.02 CAGEWORK: 3/4" LACING BAR - SEE DETAILS FOR STANDOFF LOCNS.
05.14 PRE-FINISHED HORIZONTAL METAL PANEL SIDING	13.03 CAGEWORK: SEE CAGEWORK SHEETS
05.15 PRE-FINISHED VERTICAL METAL PANEL SIDING	13.04 SIGNAGE (BY OWNER) - COORDINATE MOUNTING & ELECTRICAL REQUIREMENTS
05.16 PRE-FINISHED STANDING SNAP ON SEAM CURVED METAL ROOF	Division 14 - Conveying Systems
05.17 GALV. CORRUGATED METAL ROOFING	14.01 XXX
05.18 FURRING PER METAL SIDING MANUF. RECOMENDATION	Division 15 - Mechanical
05.19 PRE-FINISHED MTL. FLASHING	15.01 HVAC UNIT / EQUIPMENT / DUCT - REF. MECH.
05.20 PRE-FINISHED MTL. SILL FLASHING	15.02 PLUMBING EQUIPMENT / LINE / FLOOR DRAIN - REF. PLUMB'G
05.21 PRE-FINISHED MTL. FASCIA	15.03 HOSEBIB - REF. PLUMB'G
05.22 PRE-FINISHED MTL. PARAPET FLASHING	15.04 BEAR YARD FAN & DUCTWORK: MAIN DUCT IS 8" PVC PIPE W/ 3" PVC PIPE VENTS @ 12" O.C. DUCTWORK CAST INTO CONC. WALL. REFERENCE MECHANICAL SHEETS FOR FAN EQUIPMENT.
05.23 PRE-FIN. METAL GUTTER OR CONDUCTOR HEAD & DOWNSPOUT	
05.24 GALV. 6" HALF ROUND GUTTER & 3" DIAM. DOWNSPOUT	Division 16 - Electrical
05.25 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	16.01 LIGHT FIXTURE - REF. ELECT.
05.26 GALV. 1/2" GLASS-MAT ROOF COVER BD.	16.02 ELECTRICAL OUTLET - REF. ELECT.
05.27 GLASS-MAT SHEATHING SHEATHING	16.03 LIGHT SWITCH - REF. ELECT.
05.28 ROOF SHEATHING - REF. STRUCT.	
05.29 2x FASCIA OR SIZE AS INDIC'D	Division 07 - Thermal & Moisture
05.30 6" CEDAR SHIPLAP SIDING ON 1X SLEEPERS	07.01 FULLY ADHERED T.P.O. MEMBRANE ROOFING
05.31 CEDAR TRIM	07.02 FULLY ADHERED T.P.O. FLASHING STRIP
05.32 TERMINATION BAR	07.03 TERMINATION BAR
05.33 SEALANT	07.04 SEALANT
05.34 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)	07.05 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)
05.35 RIGID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)	07.06 RIGID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)
05.36 TAPERED INSULATION, 1/2" MIN.	07.07 TAPERED INSULATION, 1/2" MIN.
05.37 ICE & WATER SHIELD	07.08 ICE & WATER SHIELD
05.38 WEATHER BARRIER	07.09 WEATHER BARRIER



WDM Architects P.A.
105 North Washington
Wichita, KS 67202-2815
T 316.262.4700
F 316.262.0002
wdmarchitects.com



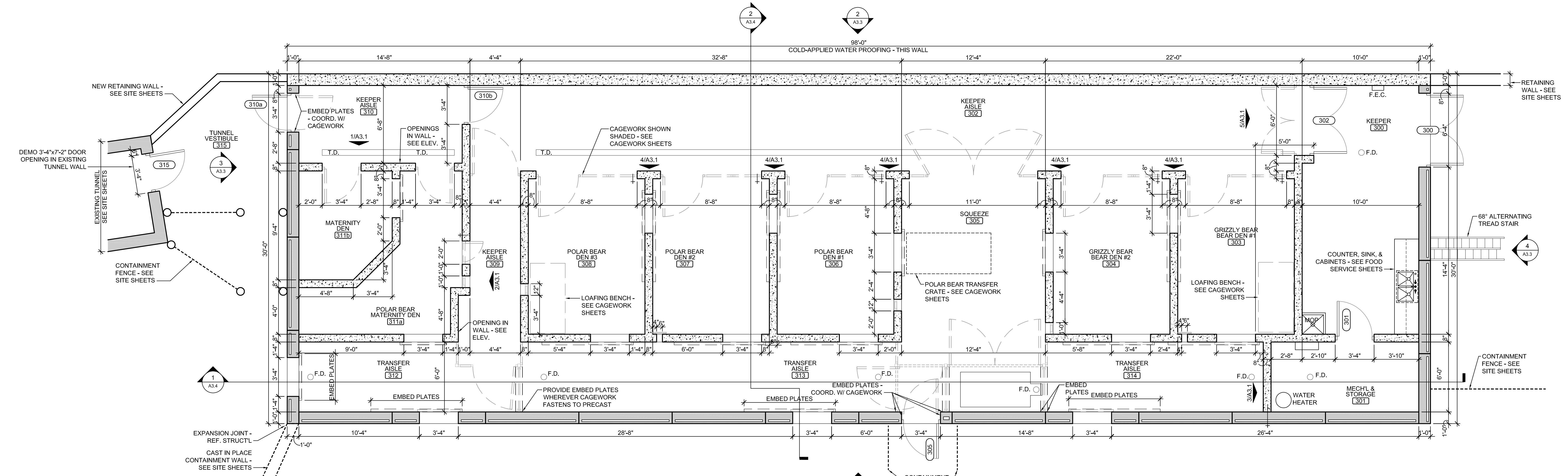
ARCCTIC ANIMAL EXHIBIT AND CONCESSIONS
RFB No. 313086
Henry Vilas Zoo - County of Dane
Department of Public Works
1919 Alliant Energy Center Way
Madison, Wisconsin

PRINTS ISSUED
07.26.2013 - Schematic Design
08.23.2013 - Design Development
09.23.2013 - 65% CD's
10.07.2013 - Pricing Set
10.21.2013 - 95% CD's
11.13.2013 - Bid Documents

WDM No. drawn: DS
13046 checked: SR
BEAR DEN

Copyright © 2013 WDM Architects P.A.
11/20/2013 10:29:56 AM
L:\313086\313086_A2.dwg 11/20/2013 10:29:56 AM dwg.plt

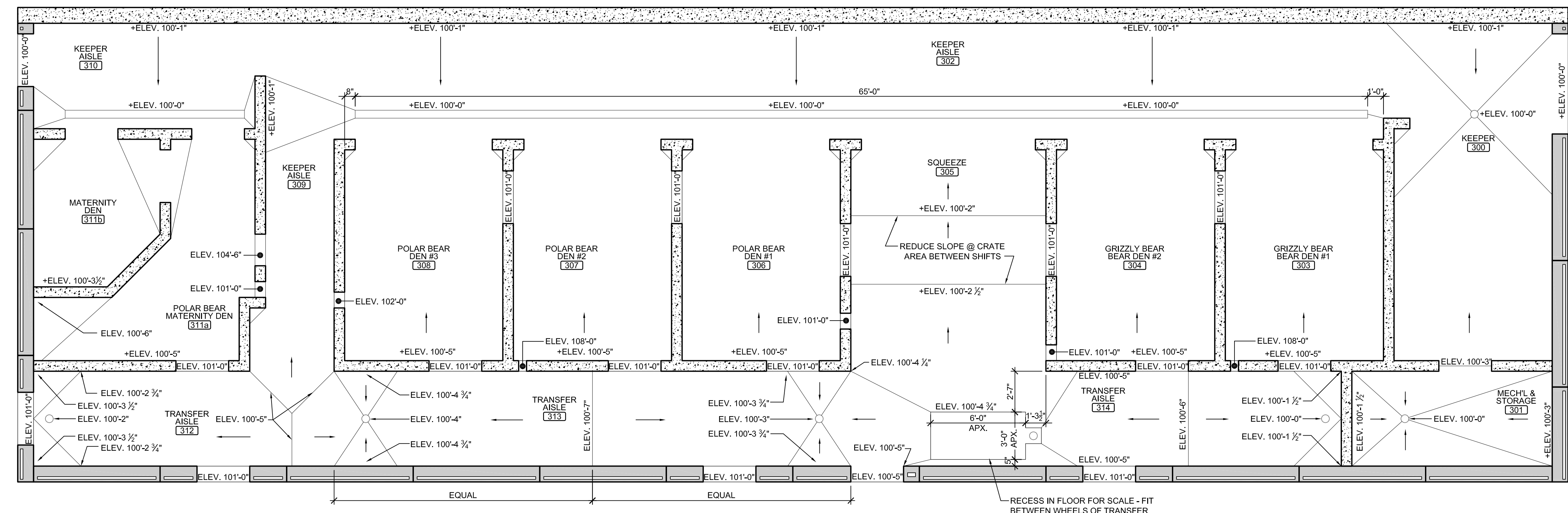
A2.1



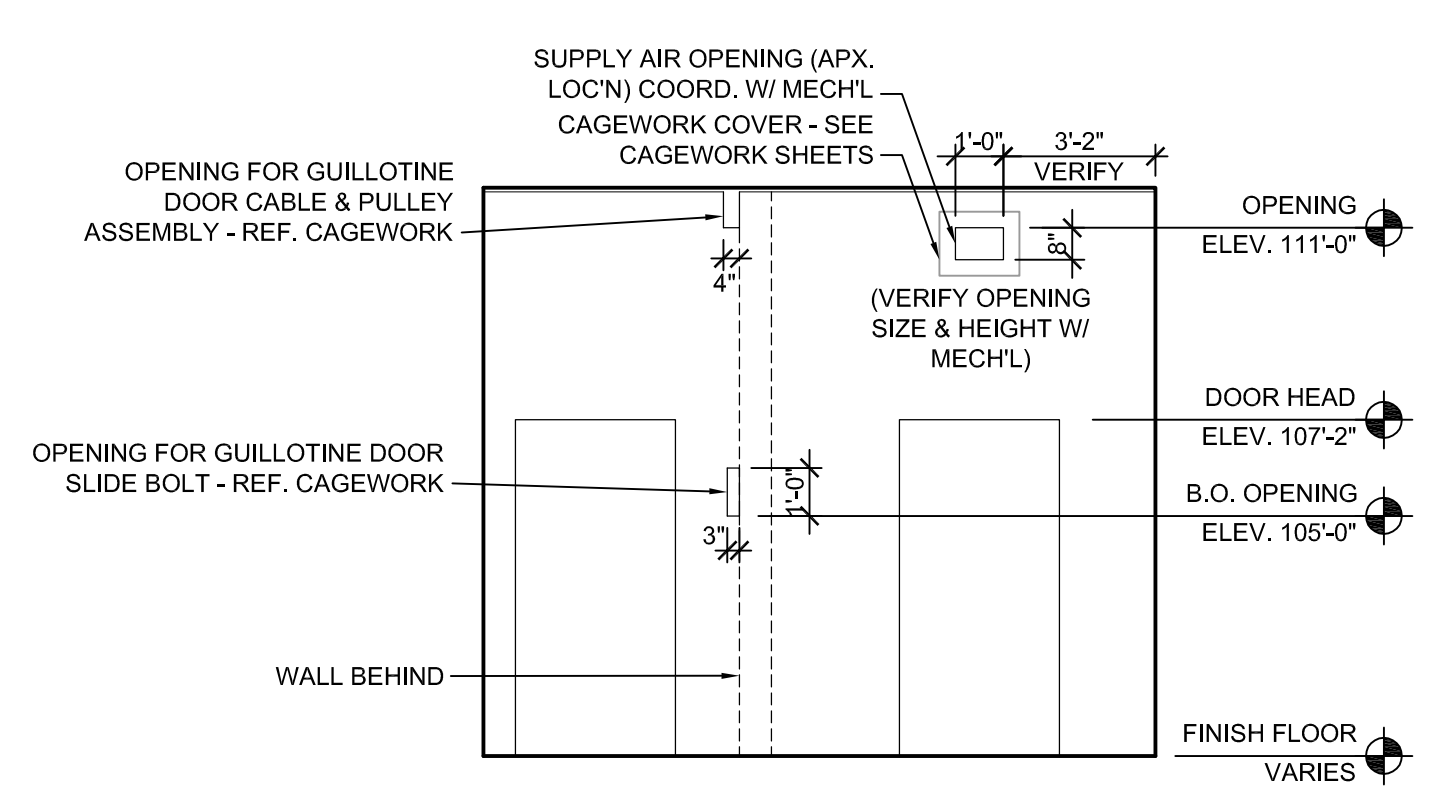
A BEAR HOLDING FLOOR PLAN
 SCALE: 1/4" = 1'-0"

FINISH SCHEDULE	
ALL WALLS	SPECIAL COATING, SC-1, TINTED
ALL CEILINGS (CONC. STRUCTURE)	SPECIAL COATING, SC-1
CONC. FLOOR	SEALED, TROWELED SMOOTH FINISH EVERYWHERE EXCEPT BEAR DENS & TRANSFER AISLE WHICH ARE TO RECEIVE A LIGHT BROOM FINISH TO BE APPROVED BY OWNER.

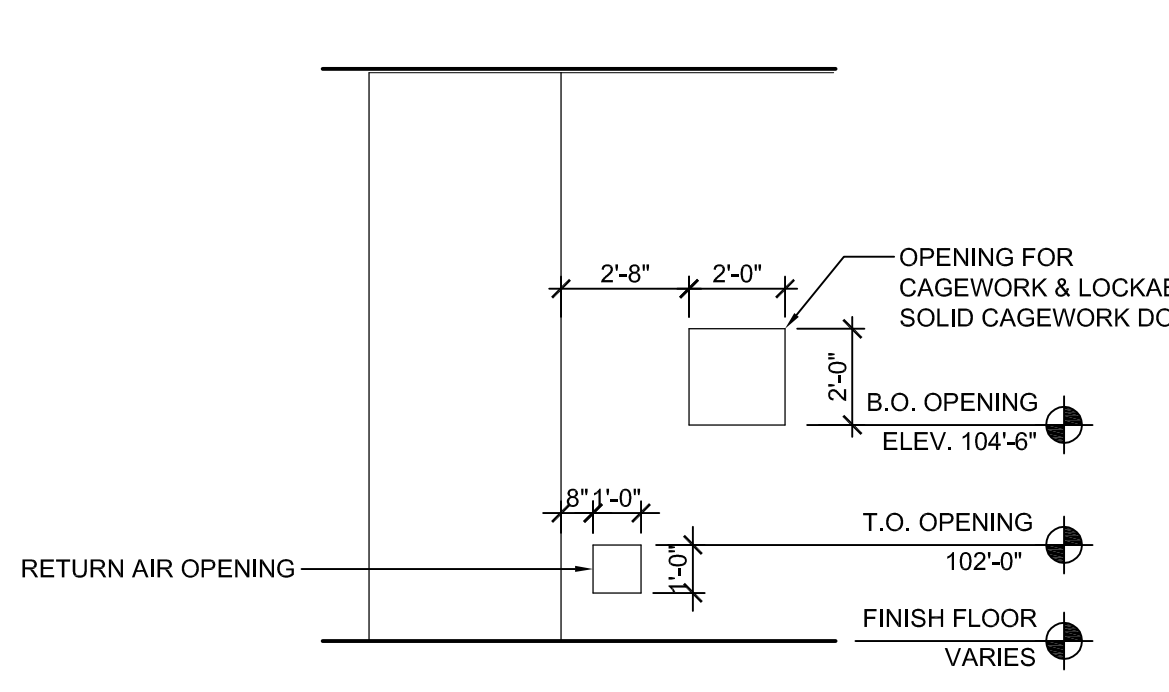
NOTE
 BEAR HOLDING FINISH FLOOR ELEVATION 100'-0" (AS USED IN THESE 'A' SHEETS) EQUALS SITE ELEVATION 114.30 (VERIFY W/ SITE SHEETS)



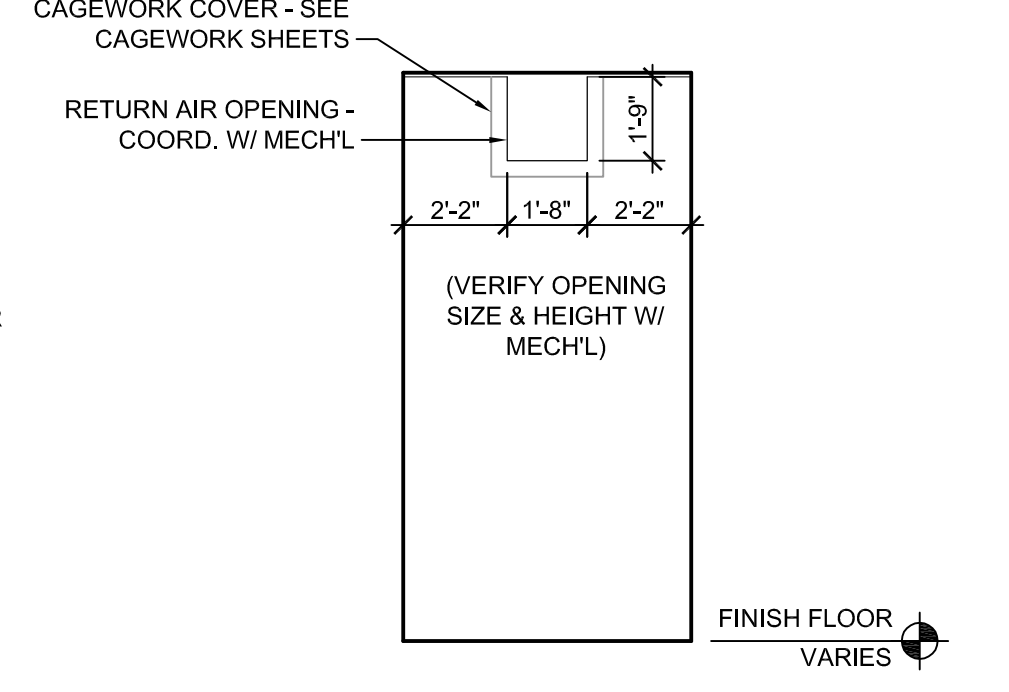
B BEAR HOLDING FLOOR ELEVATION PLAN
 SCALE: 1/4" = 1'-0"



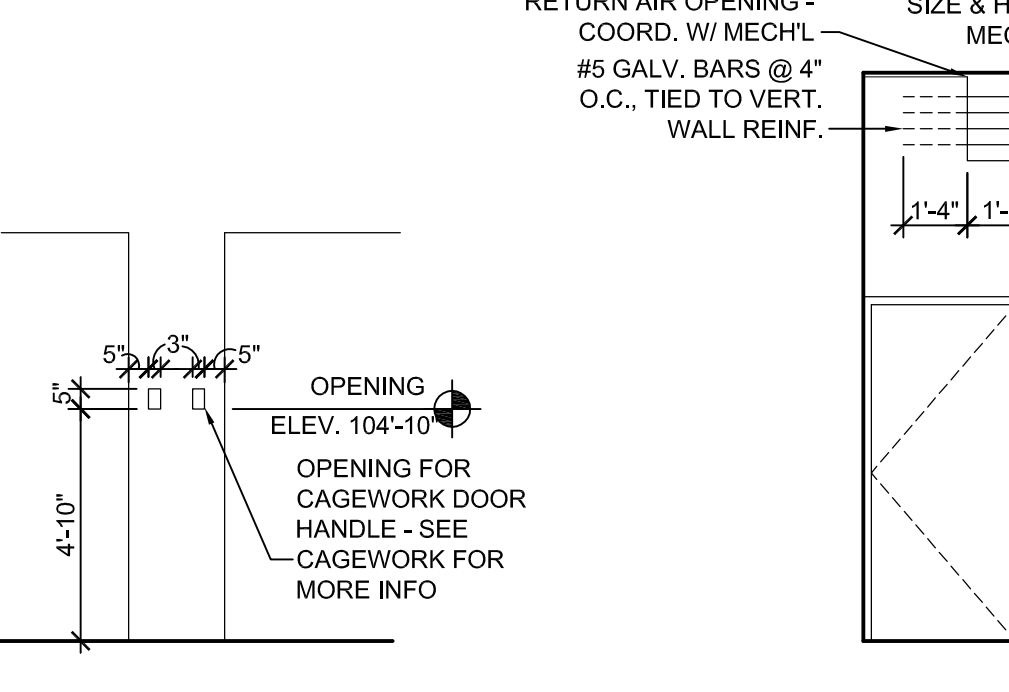
1 INT. ELEV.
 SCALE: 1/4" = 1'-0"



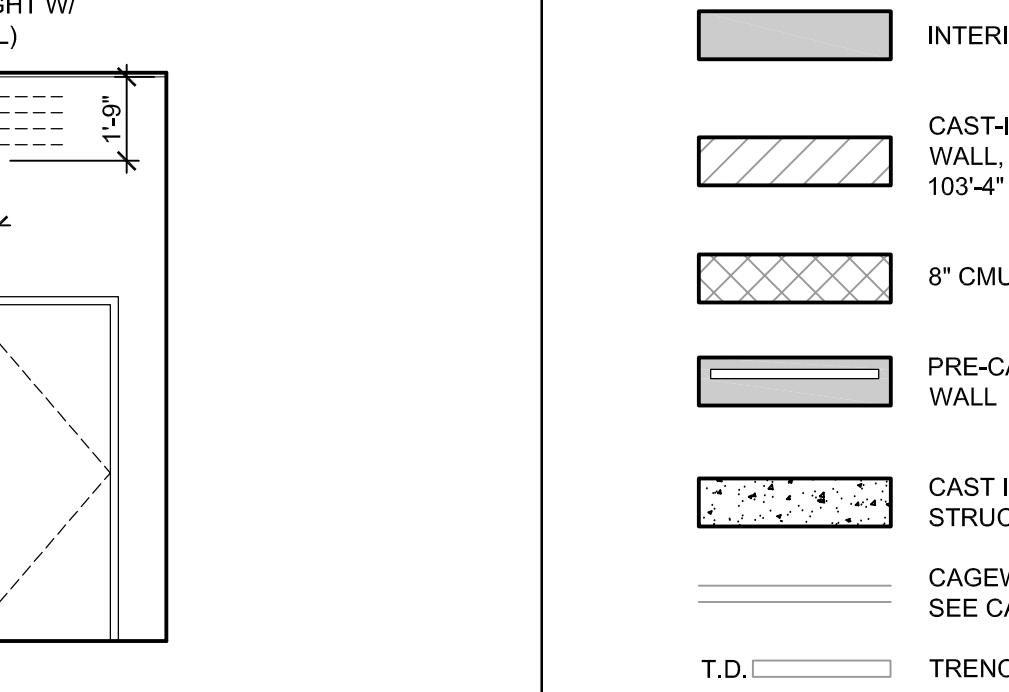
2 INT. ELEV.
 SCALE: 1/4" = 1'-0"



3 INT. ELEV.
 SCALE: 1/4" = 1'-0"



4 INT. ELEV.
 SCALE: 1/4" = 1'-0"



5 INT. ELEV.
 SCALE: 1/4" = 1'-0"

SYMBOLS LEGEND	
[Symbol]	EXTERIOR METAL STUD WALL W/ METAL PANEL SIDING
[Symbol]	INTERIOR METAL STUD WALL
[Symbol]	CAST-IN-PLACE CONCRETE WALL, TOP OF WALL = ELEV. 103'-4"
[Symbol]	8" CMU MASONRY WALL
[Symbol]	PRE-CAST CONCRETE PANEL WALL
[Symbol]	CAST IN PLACE WALL PER STRUCTURAL
[Symbol]	CAGEWORK (SHOWN SHADED) - SEE CAGEWORK DRAWINGS
[Symbol]	TRENCH DRAIN - REF. PLUMB'G
[Symbol]	F.D. FLOOR DRAIN - REF. PLUMB'G
[Symbol]	D.S. DOWNSPOUT
[Symbol]	WINDOW TAG - SEE WINDOW TYPES
[Symbol]	DOOR TAG - SEE DOOR SCHED. LEGEND
[Symbol]	KEYNOTE - SEE KEYNOTE LEGEND
[Symbol]	RESTROOM KEYNOTE - SEE RESTROOM KEYNOTE LEGEND
[Symbol]	PARTITION TAG - SEE PARTITION SCHEDULE
[Symbol]	DETAIL - AS REFD
[Symbol]	CEILING HEIGHT
[Symbol]	ROOM NAME
[Symbol]	ROOM NUMBER
[Symbol]	ELEVATION TAG - AS REFD
[Symbol]	COLUMN / WALL GRID LINE & TAG
[Symbol]	ROOF DRAIN
[Symbol]	OVERFLOW ROOF DRAIN

wcm ARCHITECTS
 WDM Architects P.A.
 105 North Washington
 Wichita, KS 67202-2815
 T 316.262.4700
 F 316.262.0002
 wdmarchitects.com

we do more
henry vilas
ZOO

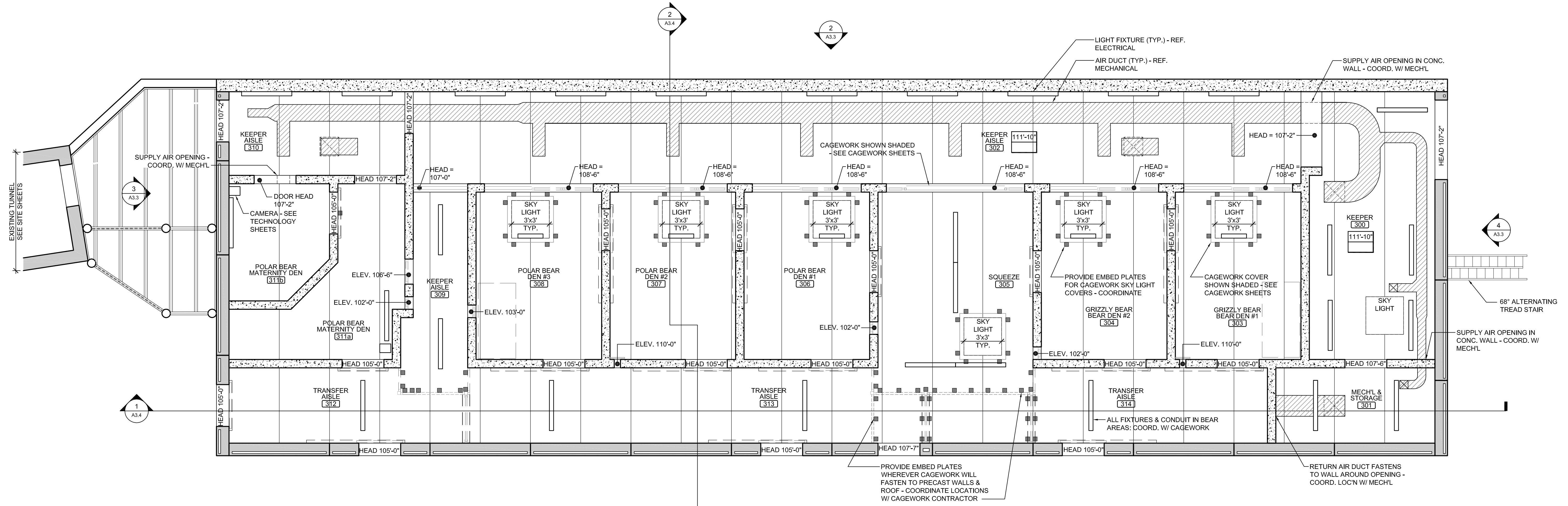
ARCTIC ANIMAL EXHIBIT AND CONCESSIONS
 RFB No. 313086
 Henry Vilas Zoo - County of Dane
 Department of Public Works
 702 S Randall Ave
 Madison, Wisconsin
 1919 Alliant Energy Center Way
 Madison, Wisconsin

PRINTS ISSUED
 07.26.2013 - Schematic Design
 08.23.2013 - Design Development
 09.23.2013 - 65% CD's
 10.07.2013 - Pricing Set
 10.21.2013 - 95% CD's
 11.13.2013 - Bid Documents

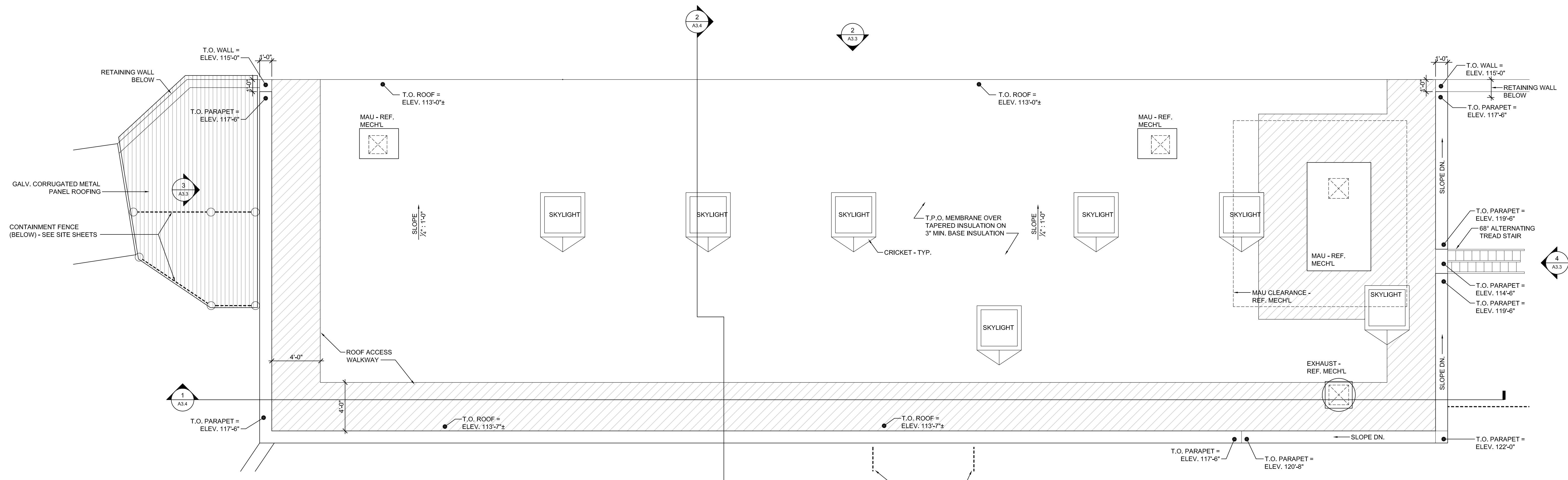
WDM No. 13046
 drawn: DS
 checked: SR
 BEAR HOLDING FLOOR PLAN
 BEAR HOLD. FINISH SCHEDULE

A3.1

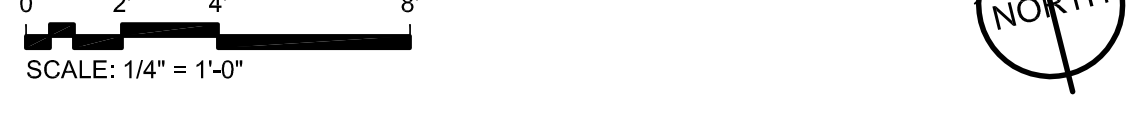
© copyright 2013 WDM Architects P.A.



A BEAR HOLDING REFLECTED CEILING PLAN



B BEAR HOLDING ROOF PLAN



NOTE
 BEAR HOLDING FINISH FLOOR ELEVATION 100'-0" (AS USED IN THESE 'N' SHEETS) EQUALS SITE ELEVATION 114.30 (VERIFY W/ SITE SHEETS)



WDM Architects P.A.
 105 North Washington
 Wichita, KS 67202-2815
 T 316.262.4700
 F 316.262.0002
 wdmarchitects.com

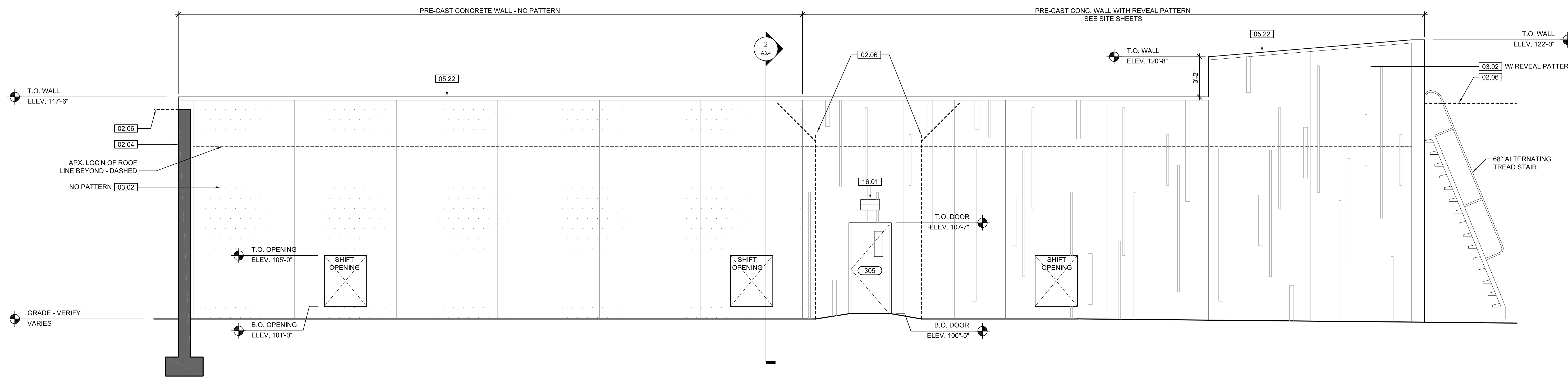


ARCTIC ANIMAL EXHIBIT AND CONCESSIONS
 RFB No. 313086
 Henry Vilas Zoo - County of Dane
 Department of Public Works
 1919 Alliant Energy Center Way
 702 S Randall Ave
 Madison, Wisconsin

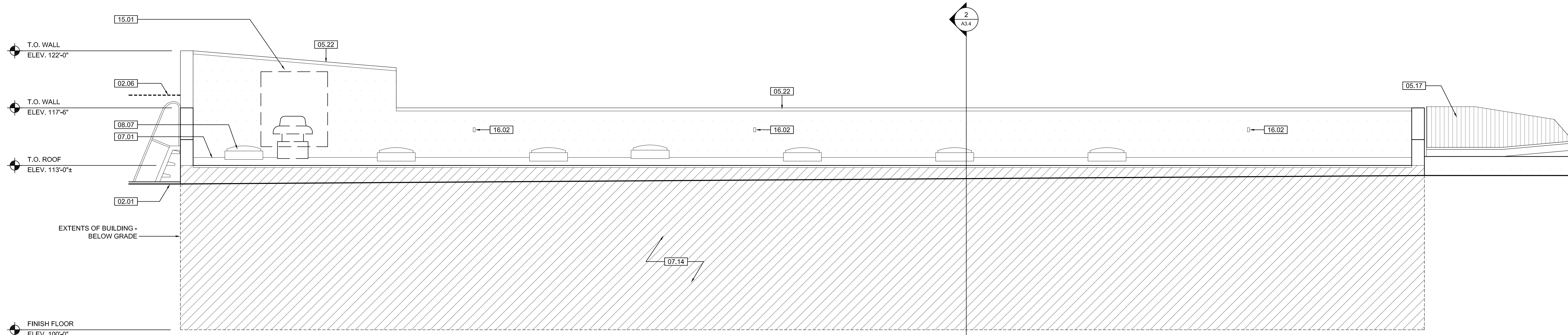
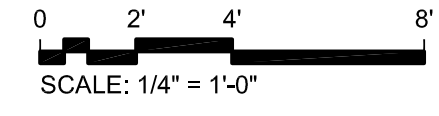
PRINTS ISSUED
 07.26.2013 - Schematic Design
 08.23.2013 - Design Development
 09.23.2013 - 65% CD's
 10.07.2013 - Pricing Set
 10.21.2013 - 95% CD's
 11.13.2013 - Bid Documents

WDM No. 13046 drawn: DS
 checked: SR
 BEAR HOLDING RCP
 BEAR HOLDING ROOF PLAN

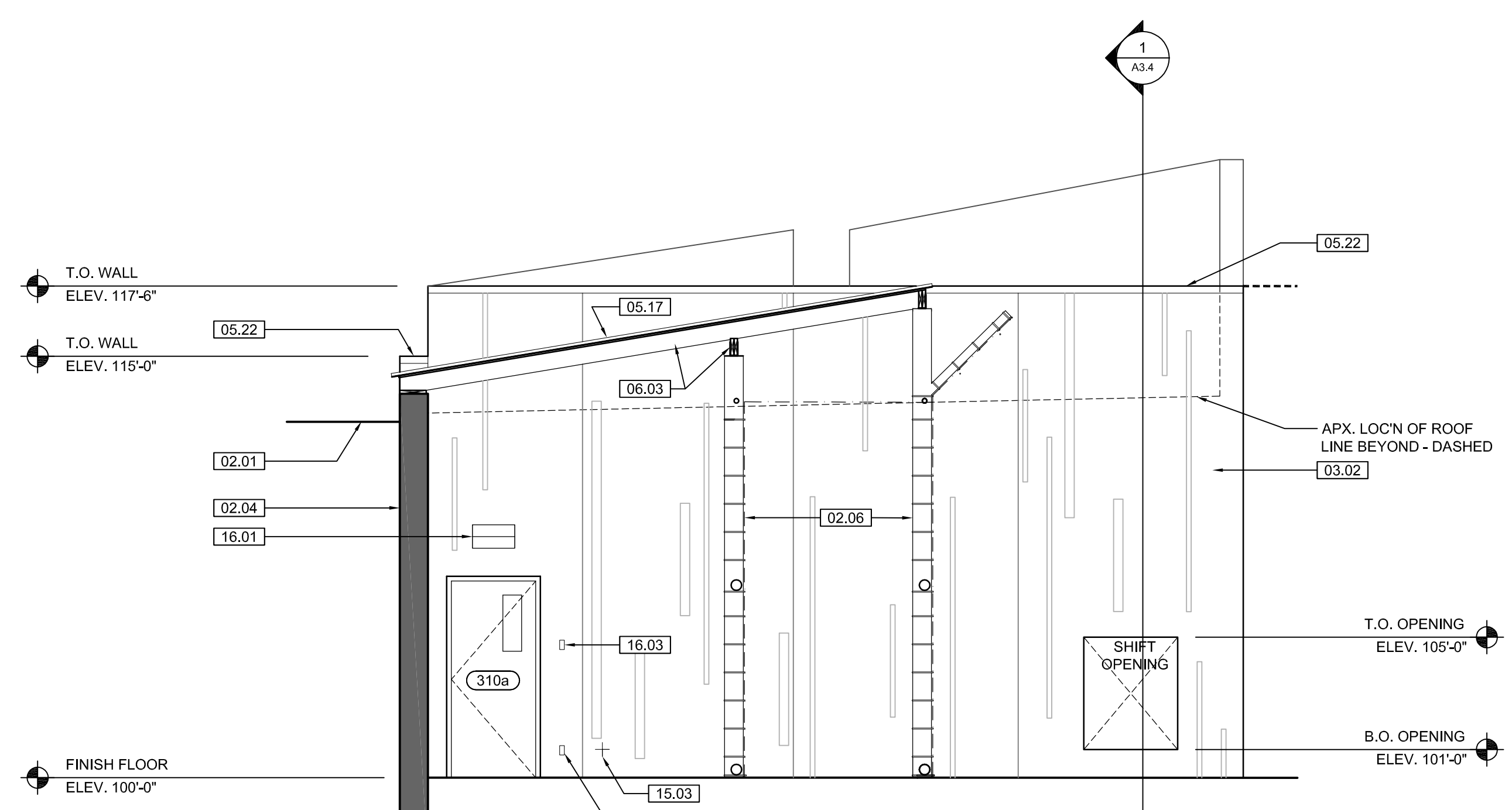
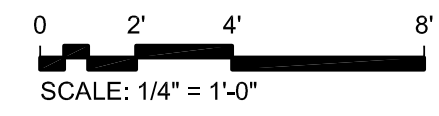
A3.2



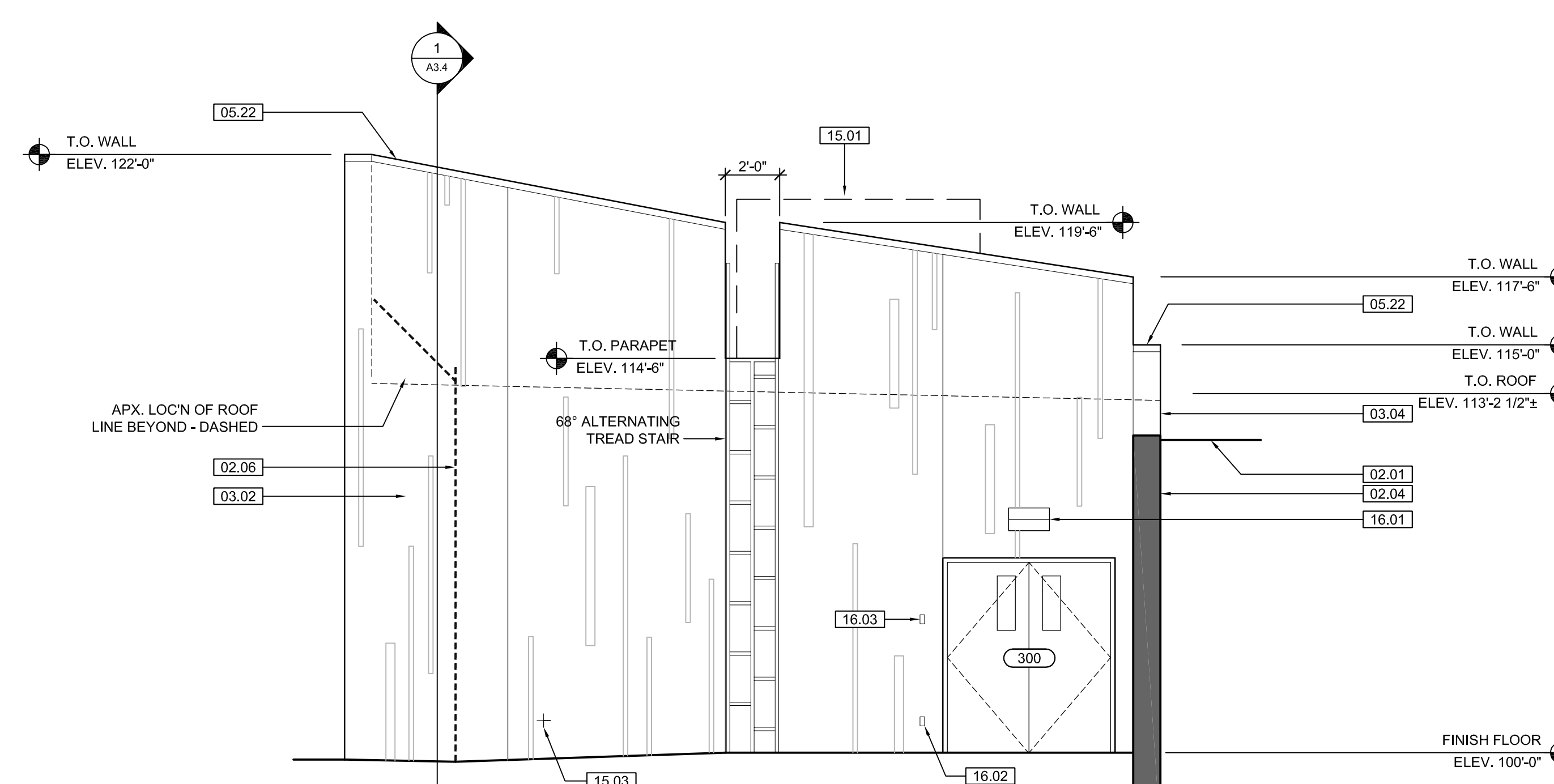
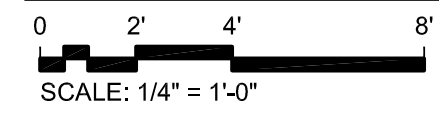
1 BEAR HOLDING ELEVATION



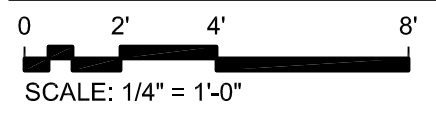
2 BEAR HOLDING ELEVATION



3 BEAR HOLDING ELEVATION



4 BEAR HOLDING ELEVATION



KEYNOTE LEGEND: BUILDING ELEVATIONS, SECTIONS, WALL SECTIONS, & DETAILS	
Division 01 - Existing Construction 01.01 XXX	07.10 BATT INSULATION: R-19 MIN. TYPICAL, OR AS NOTED
Division 02 - Site Construction 02.01 GRADE - SEE SITE SHEETS	07.11 FOUNDATION INSULATION 48" BELOW GRADE
02.02 SIDEWALK OR SITE PAVING - SEE SITE SHEETS	07.12 EXPANSION JOINT
02.03 1/2" E.J. W/ 1/2" FIBER BD. & SELF LEVELING SEALANT	07.13 E.J. MATERIAL
02.04 SITE WALL - SEE SITE SHEETS	07.15 6" EXPANDABLE WATER STOP
02.05 SITE STAIR / RAMP / DOCK - SEE SITE SHEETS	07.16 1 1/2" RIGID EPS INTERIOR INSULATION WITH FURRING AS REQUIRED
02.06 CONTAINMENT FENCE - SEE SITE SHEETS	07.17 SPRAY FOAM INSULATION R-30
02.07 TRENCH DRAIN - SEE SITE SHEETS	Division 08 - Doors & Windows
02.08 HANDRAIL - SEE SITE SHEETS	08.01 HOLLOW METAL DOOR / FRAME - SEE DOOR SCHEDULE
Division 03 - Concrete	08.02 F.R.P. DOOR / FRAME - SEE DOOR SCHEDULE
03.01 CONC. FOUNDATION / FOOTING - REF. STRUCTL.	08.03 HOLLOW METAL WINDOW - SEE WINDOW TYPES
03.02 PRE-CAST CONCRETE WALL - REF. STRUCTL.	08.04 STOREFRONT WINDOW / DOOR - SEE WINDOW TYPES
03.03 PRE-CAST HOLLOW CORE CONC. ROOF SLAB - REF. STRUCTL.	08.05 PRE-FINISHED BREAK METAL - MATCH STOREFRONT FINISH
03.04 CAST-IN-PLACE CONCRETE WALL - REF. STRUCTL.	08.06 GLASS / ACRYLIC - SEE WINDOW TYPES
03.05 REINF. CONC. SLAB ON GRANULAR FILL OVER VAPOR BARRIER - REF. STRUCTL. & GEOTECH REPORT	08.07 SKYLIGHT - SEE SPEC.
03.06 GROUT FILL - REF. STRUCTL.	Division 09 - Finishes
Division 04 - Masonry	09.01 1/2" GYP. BD. (OR AS INDICATED)
04.01 CMU - 8"x8"x16" NORMAL WEIGHT (OR AS NOTED) - REF. STRUCTL.	09.02 LAY-IN CEILING - SEE R.C.P.
Division 05 - Metals	09.03 MILLWORK / CASEWORK - SEE MILLWORK SHEETS
05.01 STEEL BEAM / JOIST / TRUSS - REF. STRUCTL.	09.04 SOLID SURFACE - SEE FIN. SCHED.
05.02 STEEL COLUMN - REF. STRUCTL.	09.05 PAINT
05.03 STEEL TUBE (SIZE AS NOTED) - REF. STRUCTL.	Division 10 - Specialties
05.04 STEEL ANGLE (SIZE AS NOTED) - REF. STRUCTL.	10.01 THEMWORK - SEE THEMWORK SHEETS
05.05 STEEL PLATE (SIZE AS NOTED) - REF. STRUCTL.	10.02 SNOW GUARDS - PER MANUF. RECOMMENDED LAYOUT - COLOR TO MATCH ROOF
05.06 STEEL LINTEL - REF. STRUCTL.	Division 11 - Equipment
05.07 METAL ROOF DECK - REF. STRUCTL.	11.01 KITCHEN EQUIPMENT - SEE KITCHEN EQUIPMENT SHEETS
05.08 3/4" METAL STUD FRAMING @ 16" O.C. - REF. STRUCTL.	11.02 EQUIPMENT BY OWNER - N.I.C.
05.09 6" METAL STUD FRAMING @ 16" O.C. - REF. STRUCTL.	11.03 WATER STORAGE SILO - SEE SITE SHEETS (ANY PAINTED SIGNAGE BY OWNER)
05.10 PRE-FINISHED METAL SOFFIT PANEL	Division 12 - Furnishings
05.11 METAL FRAMING AS REQ'D	12.01 XXX
05.12 HEADER - REF. STRUCTL.	Division 13 - Special Construction
05.13 COLD ROLLED METAL JOISTS @ 16" O.C. (SIZE AS INDIC'D) - REF. STRUCTL.	13.01 2"x2"x1/2" S.S. WOVEN WIRE MESH W/ BLACK OXIDE FINISH - SEE TYP. DETAIL F/SA7.1
05.14 PRE-FINISHED HORIZONTAL METAL PANEL SIDING	13.02 CAGEWORK: 3/4" LACING BAR - SEE DETAILS FOR STANDOFF LOGNS.
05.15 PRE-FINISHED VERTICAL METAL PANEL SIDING	13.03 CAGEWORK: SEE CAGEWORK SHEETS
05.16 PRE-FINISHED STANDING SNAP ON SEAM CURVED METAL ROOF	13.04 SIGNAGE (BY OWNER) - COORDINATE MOUNTING & ELECTRICAL REQUIREMENTS
05.17 GALV. CORRUGATED METAL ROOFING	Division 14 - Conveying Systems
05.18 FURRING PER METAL SIDING MANUF. RECOMMENDATION	14.01 XXX
05.19 PRE-FINISHED MTL. FLASHING	Division 15 - Mechanical
05.20 PRE-FINISHED MTL. SILL FLASHING	15.01 HVAC UNIT / EQUIPMENT / DUCT - REF. MECHL.
05.21 PRE-FINISHED MTL. FASCIA FLASHING	15.02 PLUMBING EQUIPMENT / LINE / FLOOR DRAIN - REF. PLUMB'G
05.22 PRE-FINISHED MTL. PARAPET FLASHING	15.03 HOSEBIB - REF. PLUMB'G
05.23 PRE-FIN. METAL GUTTER OR CONDUCTOR HEAD & DOWNSPOUT	15.04 BEAR YARD FAN & DUCTWORK: MAIN DUCT IS 8" PVC PIPE W/ 3" PVC PIPE VENTS @ 12" O.C. - DUCTWORK CAST INTO CONC. WALL. REFERENCE MECHANICAL SHEETS FOR FAN EQUIPMENT.
05.24 GALV. 6" HALF ROUND GUTTER & 3" DIAM. DOWNSPOUT	15.05 12" LAYER CRUSHED CLEAR STONE, SURROUNDED BY NON-WOVEN GEO-TEXTILE FABRIC W/ SLOTTED DRAIN TILE
05.25 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	Division 16 - Electrical
Division 06 - Wood & Plastics	16.01 LIGHT FIXTURE - REF. ELECTL.
06.01 BLOCKING, 2X OR SIZE AS INDIC'D - SEE SPEC	16.02 ELECTRICAL OUTLET - REF. ELECTL.
06.02 WOOD TRIM, 1X OR SIZE AS INDIC'D - SEE SPEC	16.03 LIGHT SWITCH - REF. ELECTL.
06.03 WOOD BEAM / JOISTS - REF. STRUCTL.	
06.04 WOOD COLUMN - REF. STRUCTL.	
06.05 PLYWOOD SHEATHING - 3/4" OR SIZE AS INDIC'D	
06.06 1/2" GLASS-MAT ROOF COVER BD.	
06.07 3/4" GLASS-MAT SHEATHING SHEATHING	
06.08 ROOF SHEATHING - REF. STRUCTL.	
06.09 2x FASCIA OR SIZE AS INDIC'D	
06.10 6" CEDAR SHIPLAP SIDING ON 1X SLEEPERS	
06.11 CEDAR TRIM	
Division 07 - Thermal & Moisture	
07.01 FULLY ADHERED T.P.O. MEMBRANE ROOFING	
07.02 FULLY ADHERED T.P.O. FLASHING STRIP	
07.03 TERMINATION BAR	
07.04 SEALANT	
07.05 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)	
07.06 RIGID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)	
07.07 TAPERED INSULATION, 1/2" MIN.	
07.08 ICE & WATER SHIELD	
07.09 WEATHER BARRIER	

NOTE
BEAR HOLDING FINISH FLOOR ELEVATION 100'-0" (AS USED IN THESE 'N' SHEETS) EQUALS SITE ELEVATION 114.30 (VERIFY W/ SITE SHEETS)



WDM Architects P.A.
105 North Washington
Wichita, KS 67202-2815
T 316.262.4700
F 316.262.0002
wdmarchitects.com



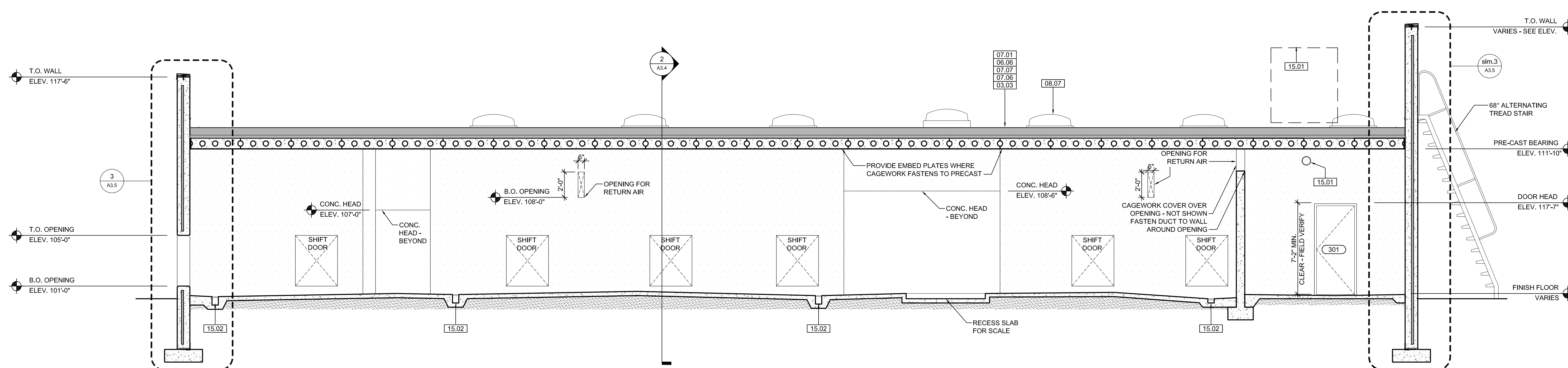
ARCCTIC ANIMAL EXHIBIT AND CONCESSIONS
RFB No. 313086
Henry Vilas Zoo - County of Dane
Department of Public Works
Henry Vilas Zoo
702 S Randall Ave
Madison, Wisconsin

PRINTS ISSUED
07.26.2013 - Schematic Design
08.23.2013 - Design Development
09.23.2013 - 65% CD's
10.07.2013 - Pricing Set
10.21.2013 - 95% CD's
11.13.2013 - Bid Documents

WDM No. 13046
drawn: DS
checked: SR

BEAR HOLDING ELEV.

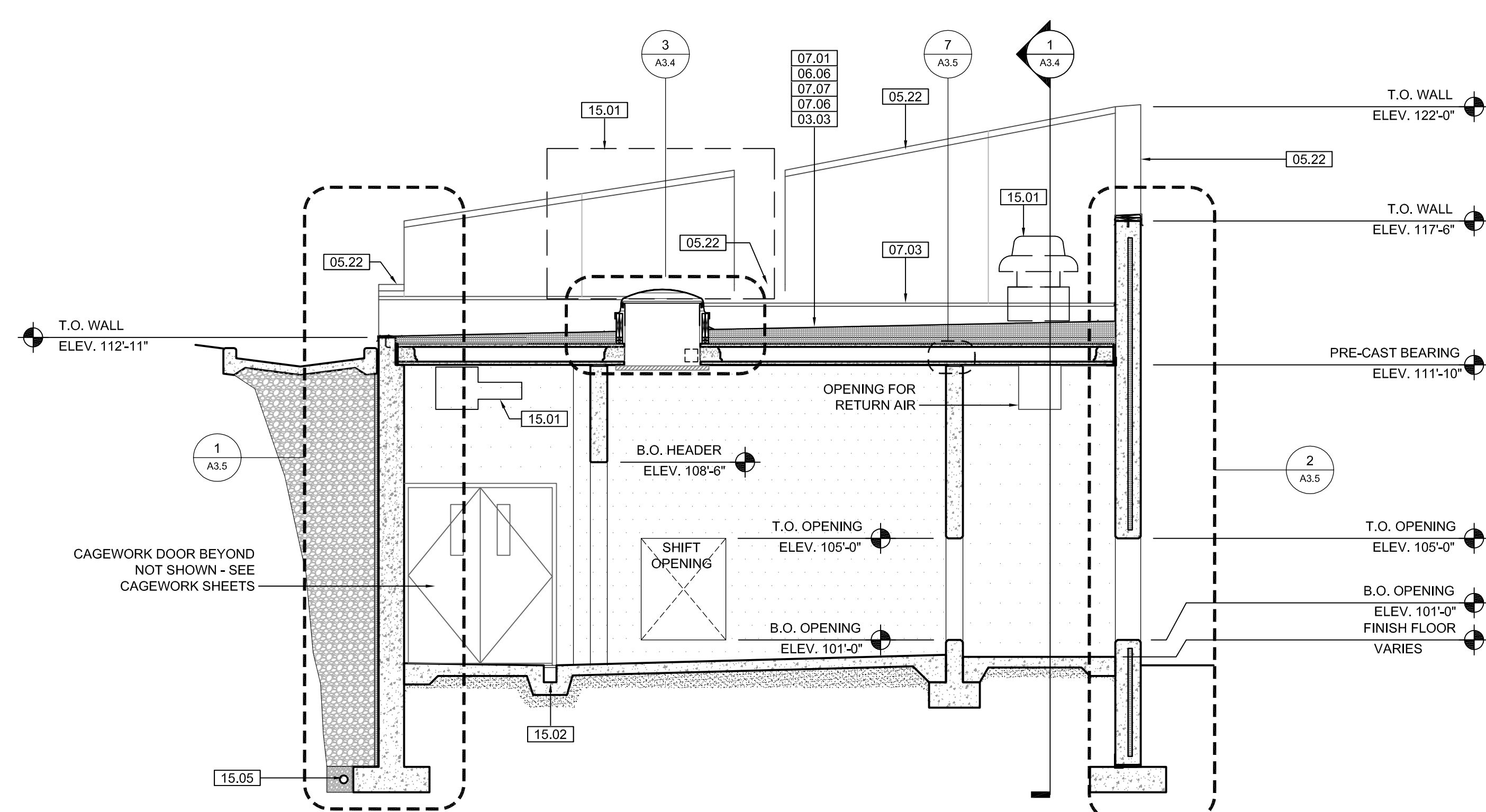
A3.3



1 BEAR HOLDING SECTION

SCALE: 1/4" = 1'-0"

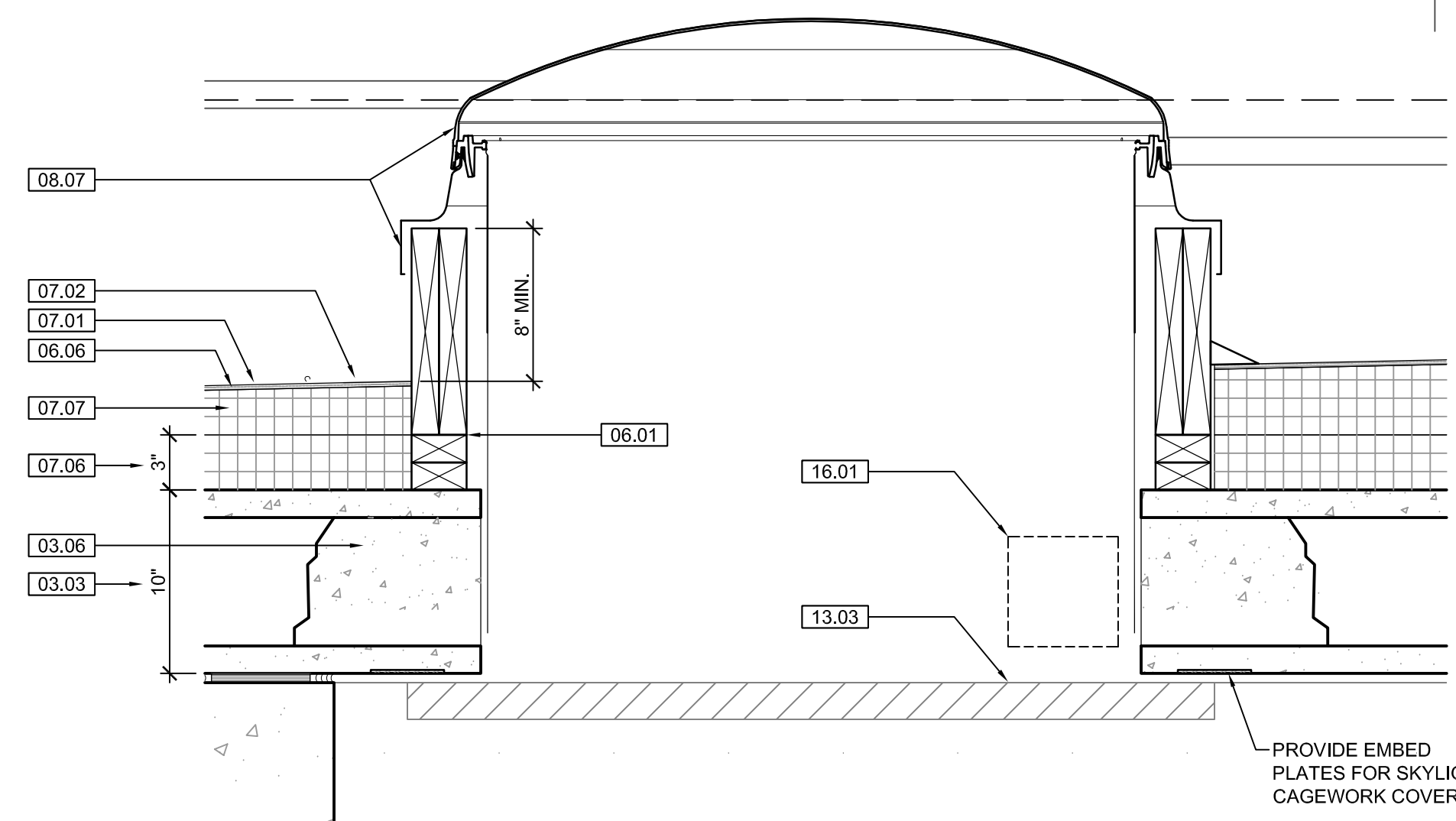
CAGEWORK NOT SHOWN - SEE CAGEWORK SHEETS



2 BEAR HOLDING SECTION

SCALE: 1/4" = 1'-0"

CAGEWORK NOT SHOWN - SEE CAGEWORK SHEETS



3 SKYLIGHT DETAIL

SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND: BUILDING ELEVATIONS, SECTIONS, WALL SECTIONS, & DETAILS	
Division 01 - Existing Construction	07.10 BATT INSULATION: R-19 MIN. TYPICAL, OR AS NOTED
01.01 XXX	07.11 FOUNDATION INSULATION 48" BELOW GRADE
Division 02 - Site Construction	07.12 EXPANSION JOINT
02.01 GRADE - SEE SITE SHEETS	07.13 E.J. MATERIAL
02.02 SIDEWALK OR SITE PAVING - SEE SITE SHEETS	07.14 COLD APPLIED WATER PROOFING
02.03 1/2" E.J. W/ 1/2" FIBER BD. & SELF LEVELING SEALANT	07.15 6" EXPANDABLE WATER STOP
02.04 SITE WALL - SEE SITE SHEETS	07.16 1 1/2" RIGID EPS INTERIOR INSULATION WITH FURRING AS REQUIRED
02.05 SITE STAIR / RAMP / DOCK - SEE SITE SHEETS	07.17 SPRAY FOAM INSULATION R-30
02.06 CONTAINMENT FENCE - SEE SITE SHEETS	07.18 TRENCH DRAIN - SEE SITE SHEETS
02.07 TRENCH DRAIN - SEE SITE SHEETS	08.01 HOLLOW METAL DOOR / FRAME - SEE DOOR SCHEDULE
02.08 HANDRAIL - SEE SITE SHEETS	08.02 F.R.P. DOOR / FRAME - SEE DOOR SCHEDULE
Division 03 - Concrete	08.03 HOLLOW METAL WINDOW - SEE WINDOW TYPES
03.01 CONC. FOUNDATION / FOOTING - REF. STRUCT.	08.04 STOREFRONT WINDOW / DOOR - SEE WINDOW TYPES
03.02 PRE-CAST CONCRETE WALL - REF. STRUCT.	08.05 PRE-FINISHED BREAK METAL - MATCH STOREFRONT FINISH
03.03 PRE-CAST HOLLOW CORE CONC. ROOF SLAB - REF. STRUCT.	08.06 GLASS / ACRYLIC - SEE WINDOW TYPES
03.04 CAST-IN-PLACE CONCRETE WALL - REF. STRUCT.	08.07 SKYLIGHT - SEE SPEC.
03.05 REINF. CONC. SLAB ON GRANULAR FILL OVER VAPOR BARRIER - REF. STRUCT. & GEOTECH REPORT	Division 09 - Finishes
03.06 GROUT FILL - REF. STRUCT.	09.01 1/2" GYP. BD. (OR AS INDICATED)
Division 04 - Masonry	09.02 LAY-IN CEILING - SEE R.C.P.
04.01 CMU - 8"x8"x16" NORMAL WEIGHT (OR AS NOTED) - REF. STRUCT.	09.03 MILLWORK / CASEWORK - SEE MILLWORK SHEETS
Division 05 - Metals	09.04 SOLID SURFACE - SEE FIN. SCHED.
05.01 STEEL BEAM / JOIST / TRUSS - REF. STRUCT.	09.05 PAINT
05.02 STEEL COLUMN - REF. STRUCT.	Division 10 - Specialties
05.03 STEEL TUBE (SIZE AS NOTED) - REF. STRUCT.	10.01 THEMWORK - SEE THEMWORK SHEETS
05.04 STEEL ANGLE (SIZE AS NOTED) - REF. STRUCT.	10.02 SNOW GUARDS - PER MANUF. RECOMMENDED LAYOUT - COLOR TO MATCH ROOF
05.05 STEEL PLATE (SIZE AS NOTED) - REF. STRUCT.	Division 11 - Equipment
05.06 STEEL LINTEL - REF. STRUCT.	11.01 KITCHEN EQUIPMENT - SEE KITCHEN EQUIPMENT SHEETS
05.07 METAL ROOF DECK - REF. STRUCT.	11.02 EQUIPMENT BY OWNER - N.I.C.
05.08 3 1/2" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	11.03 WATER STORAGE SILO - SEE SITE SHEETS (ANY PAINTED SIGNAGE BY OWNER)
05.09 6" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	Division 12 - Furnishings
05.10 PRE-FINISHED METAL SOFFIT PANEL	12.01 XXX
05.11 METAL FRAMING AS REOD	Division 13 - Special Construction
05.12 HEADER - REF. STRUCT.	13.01 2"x2"x1/8" S.S. WOVEN WIRE MESH W/ BLACK OXIDE FINISH - SEE TYP. DETAIL F/SA7.1
05.13 COLD ROLLED METAL JOISTS @ 16" O.C. (SIZE AS INDIC'D) - REF. STRUCT.	13.02 CAGEWORK: 3/4" LACING BAR - SEE DETAILS FOR STANDOFF LOGNS.
05.14 PRE-FINISHED HORIZONTAL METAL PANEL SIDING	13.03 CAGEWORK: SEE CAGEWORK SHEETS
05.15 PRE-FINISHED VERTICAL METAL PANEL SIDING	13.04 SIGNAGE (BY OWNER) - COORDINATE MOUNTING & ELECTRICAL REQUIREMENTS
05.16 PRE-FINISHED STANDING SNAP ON SEAM CURVED METAL ROOF	Division 14 - Conveying Systems
05.17 GALV. CORRUGATED METAL ROOFING	14.01 XXX
05.18 FURRING PER METAL SIDING MANUF. RECOMMENDATION	Division 15 - Mechanical
05.19 PRE-FINISHED MTL. FLASHING	15.01 HVAC UNIT / EQUIPMENT / DUCT - REF. MECH.
05.20 PRE-FINISHED MTL. SILL FLASHING	15.02 PLUMBING EQUIPMENT / LINE / FLOOR DRAIN - REF. PLUMB'G
05.21 PRE-FINISHED MTL. FASCIA	15.03 HOSEBIB - REF. PLUMB'G
05.22 PRE-FINISHED MTL. PARAPET FLASHING	15.04 BEAR YARD FAN & DUCTWORK: MAIN DUCT IS 8" PVC PIPE W/ 3" PVC PIPE VENTS @ 12" O.C. - DUCTWORK CAST INTO CONC. WALL. REFERENCE MECHANICAL SHEETS FOR FAN EQUIPMENT.
05.23 PRE-FIN. METAL GUTTER OR CONDUCTOR HEAD & DOWNSPOUT	15.05 12" LAYER CRUSHED CLEAR STONE, SURROUNDED BY NON-WOVEN GEO-TEXTILE FABRIC W/ SLOTTED DRAIN TILE
05.24 GALV. 6" HALF ROUND GUTTER & 3" DIAM. DOWNSPOUT	Division 16 - Electrical
05.25 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	16.01 LIGHT FIXTURE - REF. ELECT'L
Division 06 - Wood & Plastics	16.02 ELECTRICAL OUTLET - REF. ELECT'L
06.01 BLOCKING, 2X OR SIZE AS INDIC'D	16.03 LIGHT SWITCH - REF. ELECT'L
06.02 WOOD TRIM, 1X OR SIZE AS INDIC'D - SEE SPEC	
06.03 WOOD BEAM / JOISTS - REF. STRUCT.	
06.04 WOOD COLUMN - REF. STRUCT.	
06.05 PLYWOOD SHEATHING - 3/4" OR SIZE AS INDIC'D	
06.06 1/2" GLASS-MAT ROOF COVER BD.	
06.07 3/4" GLASS-MAT SHEATHING SHEATHING	
06.08 ROOF SHEATHING - REF. STRUCT.	
06.09 2x FASCIA OR SIZE AS INDIC'D	
06.10 6" CEDAR SHIPLAP SIDING ON 1X SLEEPERS	
06.11 CEDAR TRIM	
Division 07 - Thermal & Moisture	
07.01 FULLY ADHERED T.P.O. MEMBRANE ROOFING	
07.02 FULLY ADHERED T.P.O. FLASHING STRIP	
07.03 TERMINATION BAR	
07.04 SEALANT	
07.05 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)	
07.06 RIGID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)	
07.07 TAPERED INSULATION, 1/2" MIN.	
07.08 ICE & WATER SHIELD	
07.09 WEATHER BARRIER	

NOTE
BEAR HOLDING FINISH FLOOR ELEVATION 100'-0" (AS USED IN THESE W/ SHEETS) EQUALS SITE ELEVATION 114.30 (VERIFY W/ SITE SHEETS)



WDM Architects P.A.
105 North Washington
Wichita, KS 67202-2815
T 316.262.4700
F 316.262.0002
wdmarchitects.com

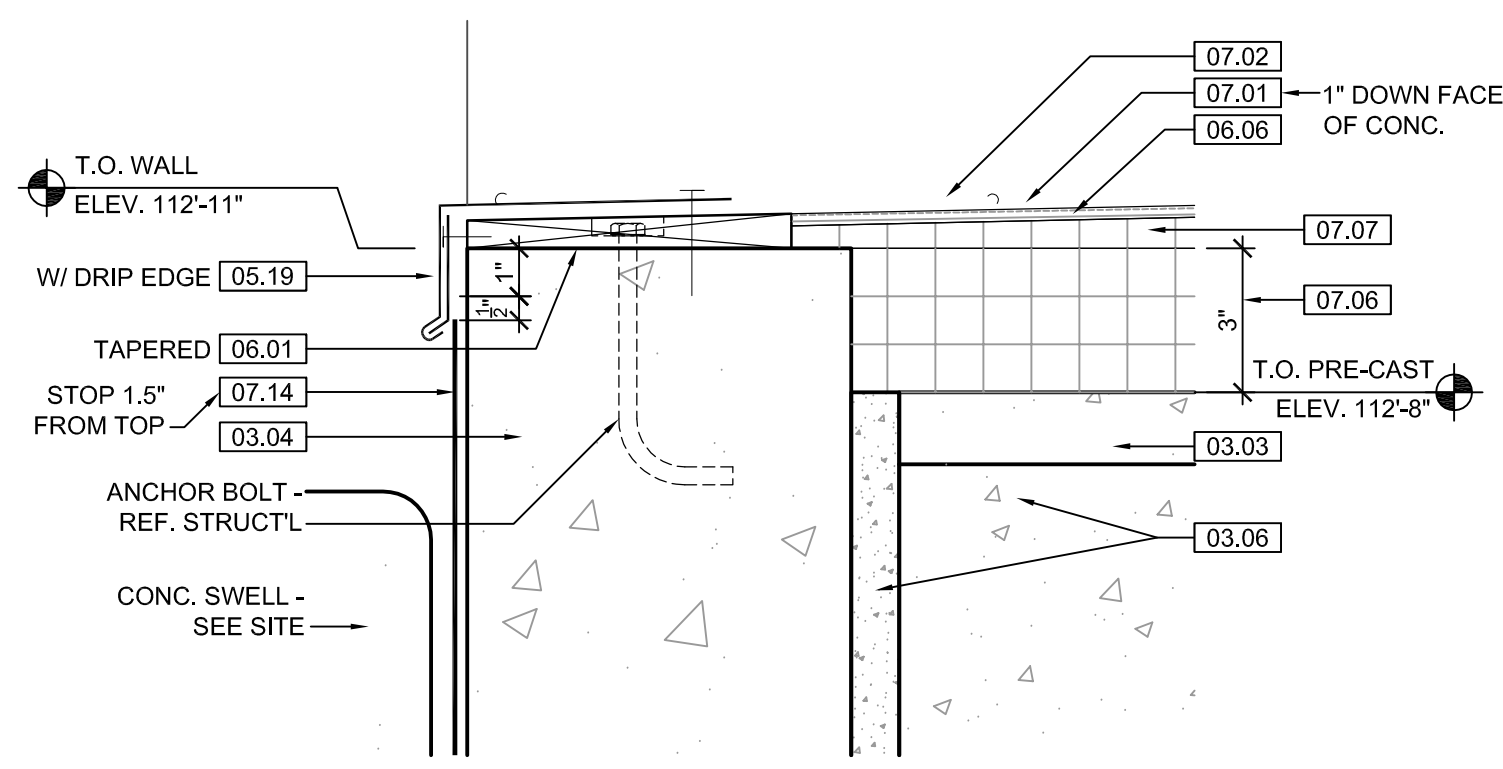


ARCTIC ANIMAL EXHIBIT AND CONCESSIONS
RFB No. 313086
Henry Vilas Zoo - County of Dane
Department of Public Works
Henry Vilas Zoo
702 S Randall Ave
Madison, Wisconsin
1919 Alliant Energy Center Way
Madison, Wisconsin

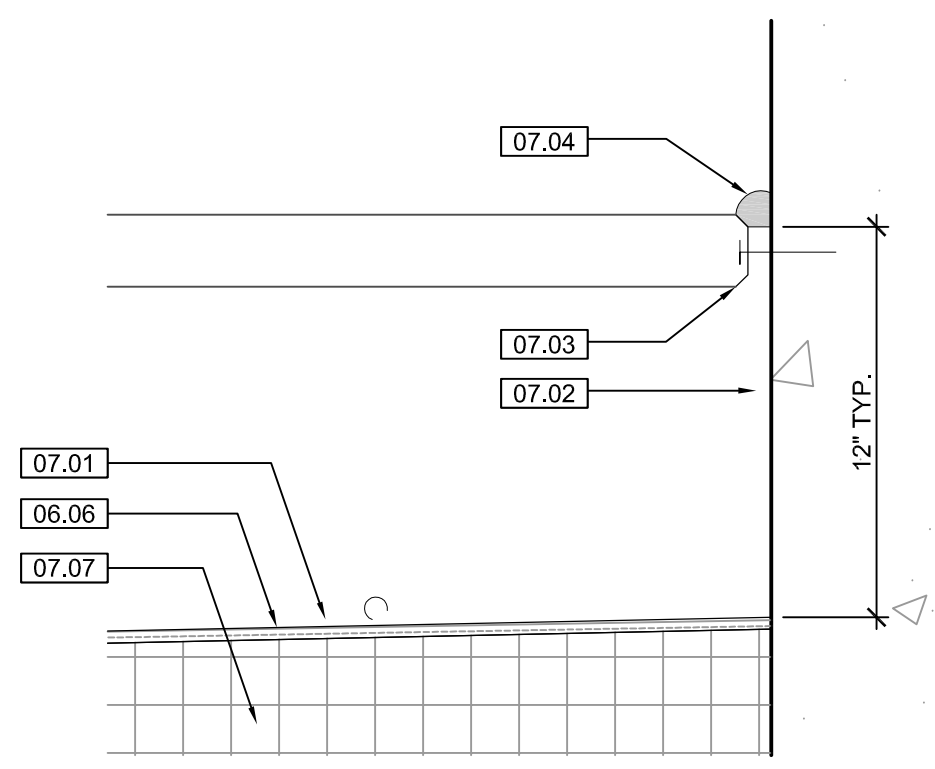
PRINTS ISSUED
07.26.2013 - Schematic Design
08.23.2013 - Design Development
09.23.2013 - 65% CD's
10.07.2013 - Pricing Set
10.21.2013 - 95% CD's
11.13.2013 - Bid Documents

WDM No. drawn: DS
13046 checked: SR
BEAR HOLDING SECTIONS

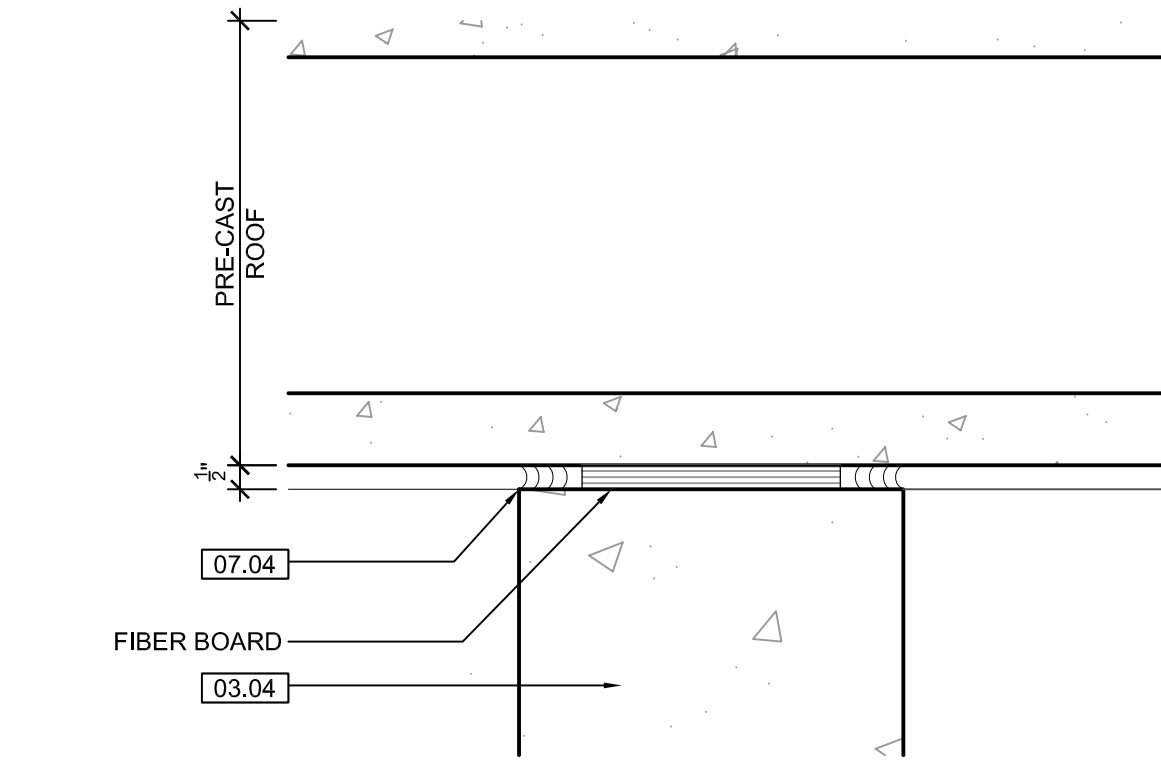
A3.4



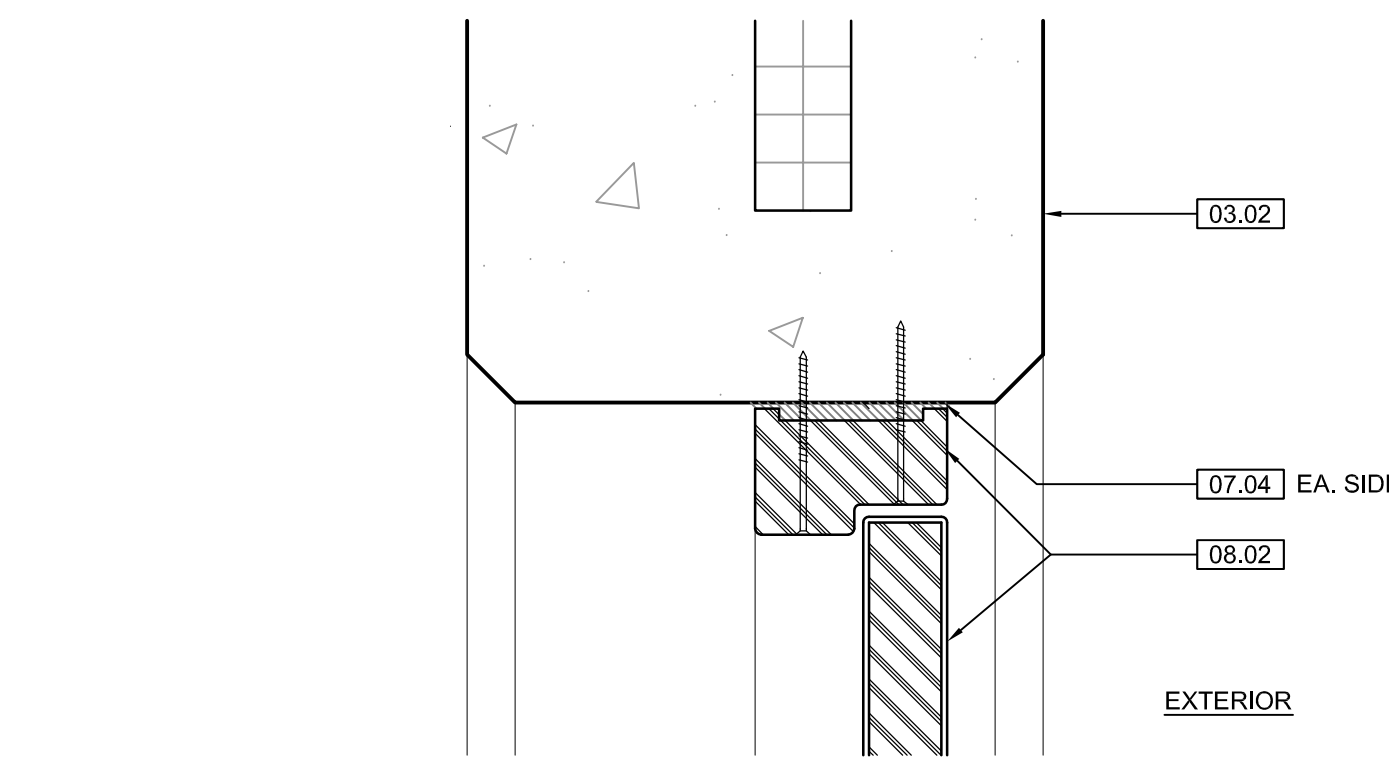
5 BEAR BLDG. DETAIL
SCALE: 3" = 1'-0"



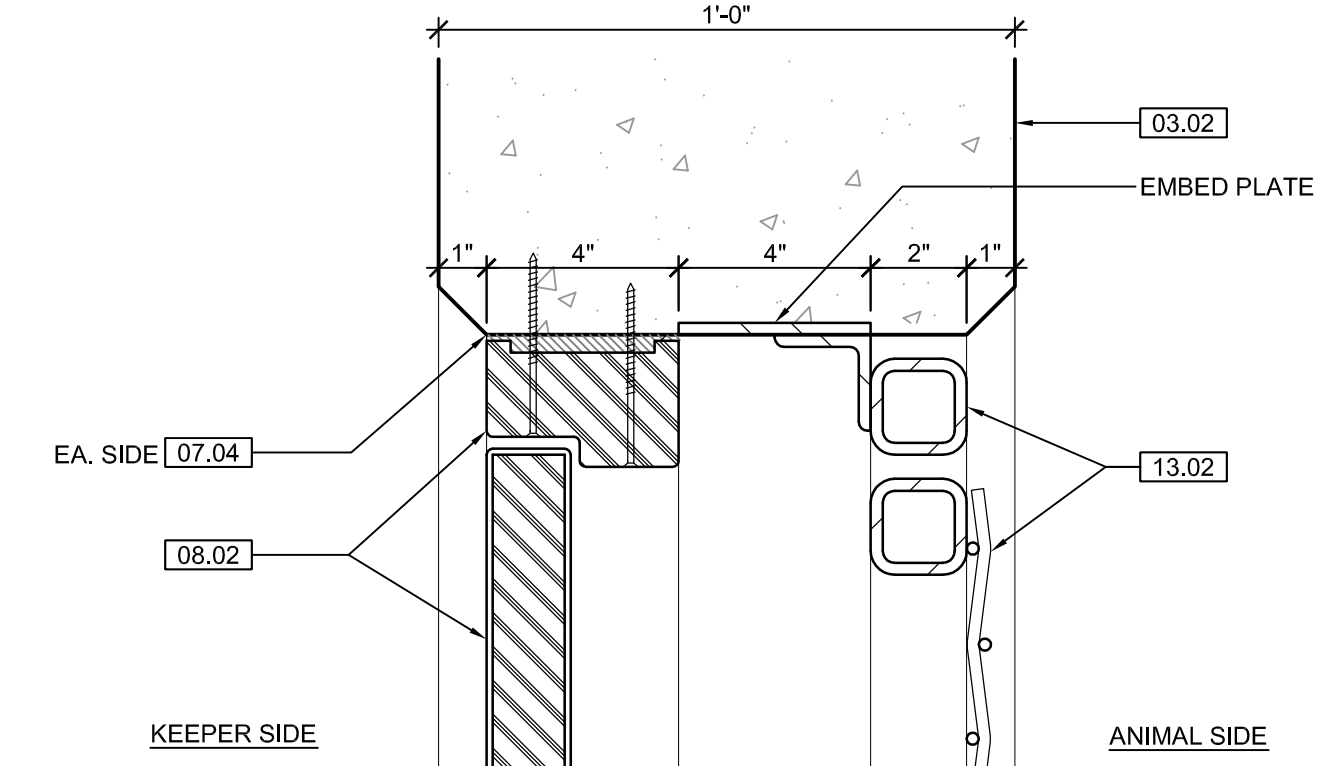
6 BEAR BLDG. DETAIL
SCALE: 3" = 1'-0"



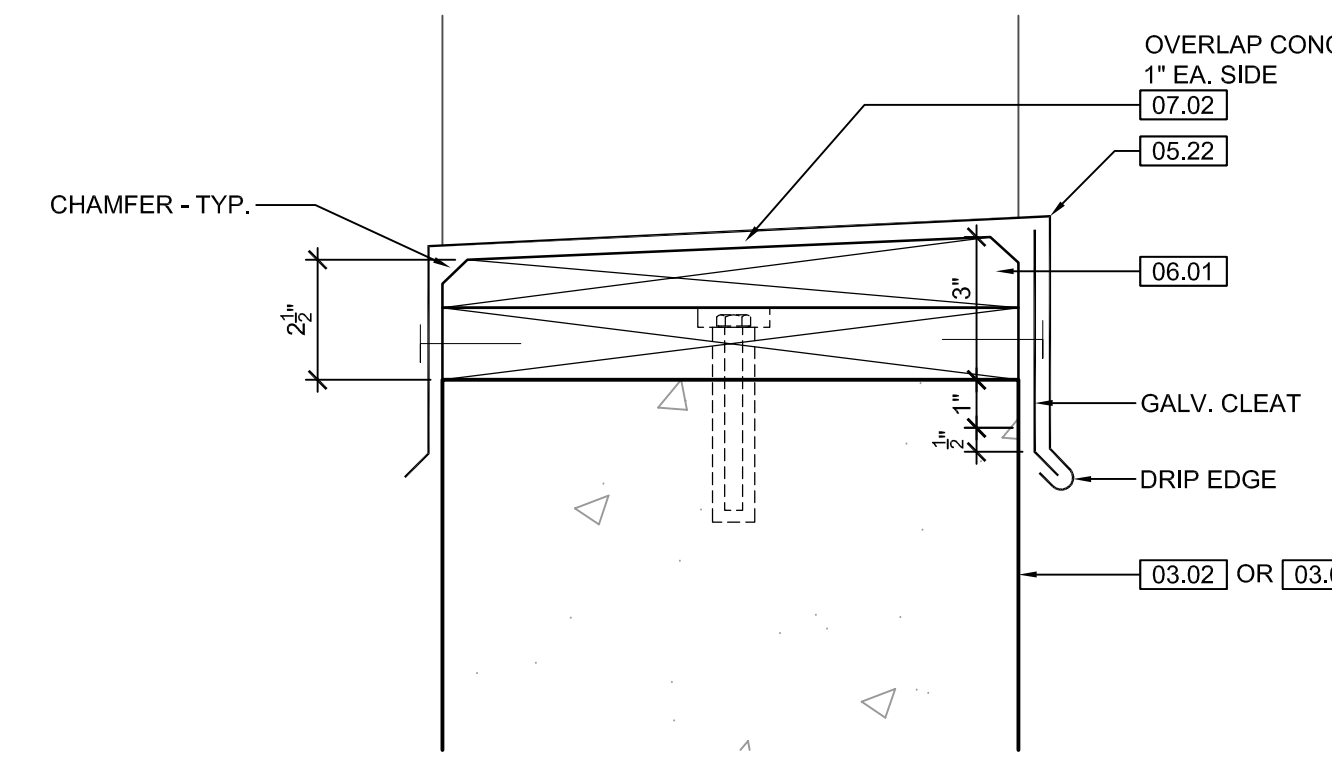
7 BEAR BLDG. DETAIL
SCALE: 3" = 1'-0"



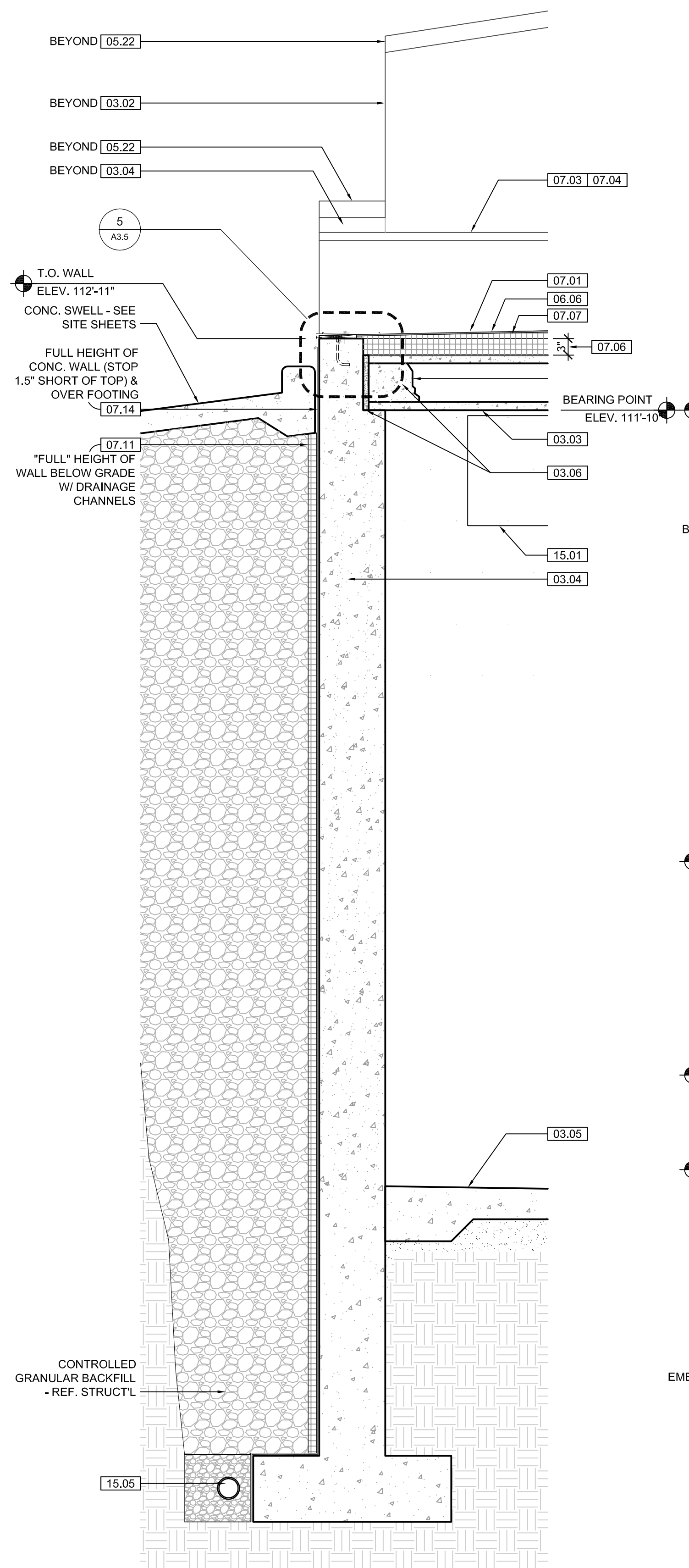
8 DOOR DETAIL
SCALE: 3" = 1'-0"



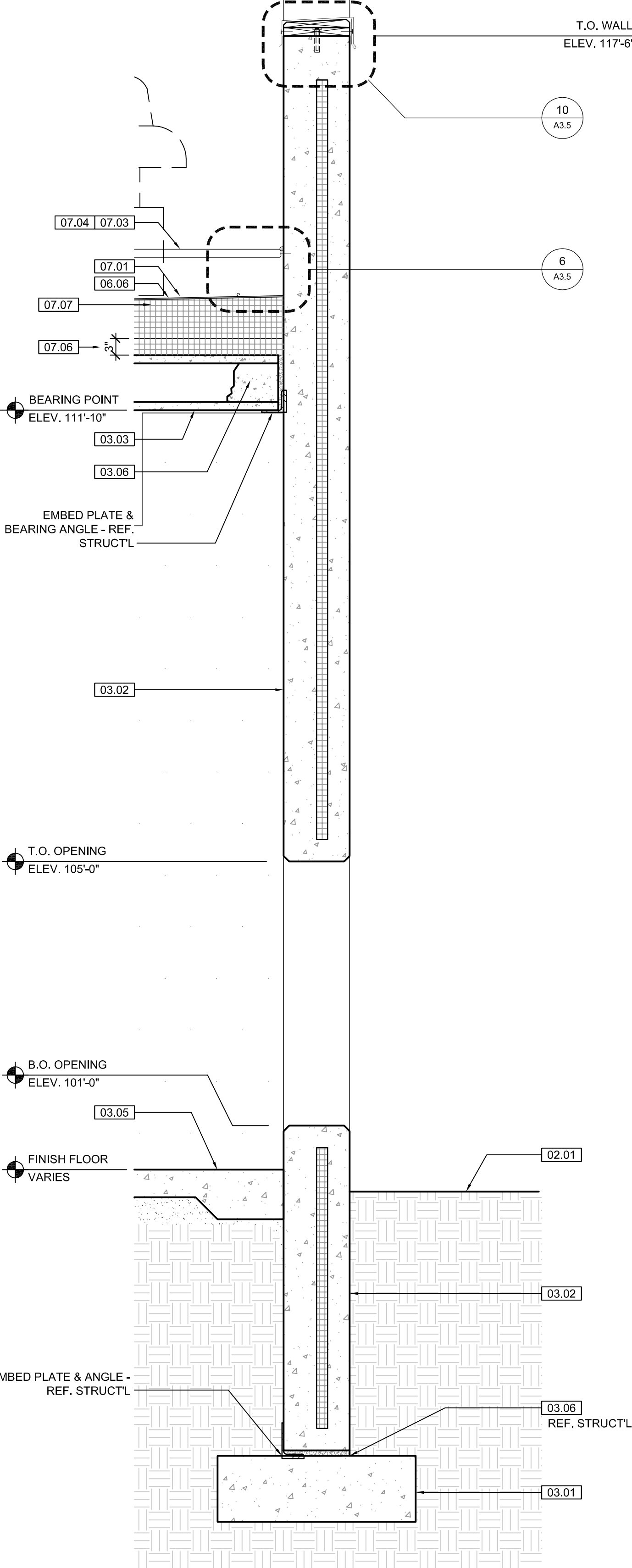
9 DOOR DETAIL
SCALE: 3" = 1'-0"



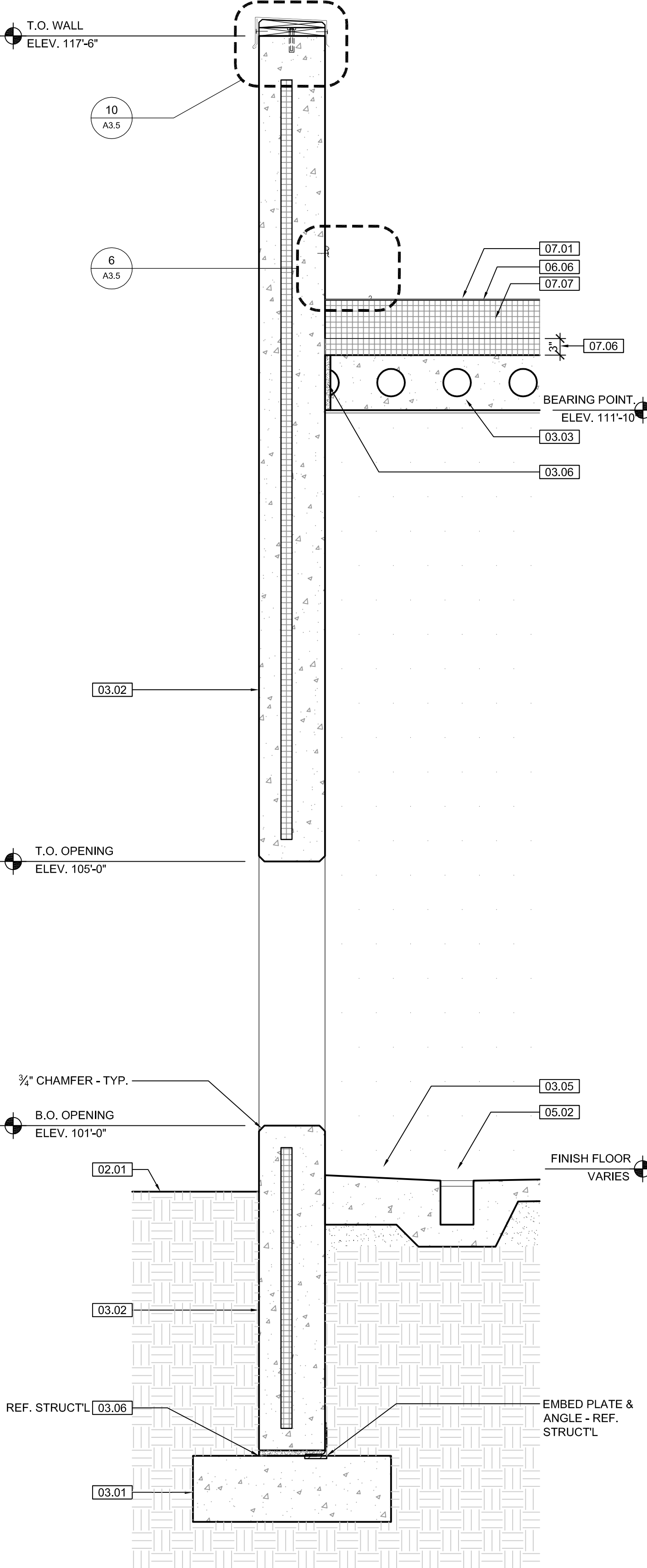
10 PARAPET DETAIL
SCALE: 3" = 1'-0"



1 BEAR HOLDING WALL SECTION
SCALE: 1/4" = 1'-0"



2 BEAR HOLDING WALL SECTION
SCALE: 1/4" = 1'-0"



3 BEAR HOLDING WALL SECTION
SCALE: 1/4" = 1'-0"

4 NOT USED
SCALE: 1/4" = 1'-0"

KEYNOTE LEGEND: BUILDING ELEVATIONS, SECTIONS, WALL SECTIONS, & DETAILS	
Division 01 - Existing Construction	07.10 BATT INSULATION: R-19 MIN. TYPICAL, OR AS NOTED
01.01 XXX	07.11 FOUNDATION INSULATION 48" BELOW GRADE
Division 02 - Site Construction	07.12 EXPANSION JOINT
02.01 GRADE - SEE SITE SHEETS	07.13 E.J. MATERIAL
02.02 SIDEWALK OR SITE PAVING - SEE SITE SHEETS	07.14 COLD APPLIED WATER PROOFING
02.03 1/2" E.J. W/ 1/2" FIBER BD. & SELF LEVELING SEALANT	07.15 6" EXPANDABLE WATER STOP
02.04 SITE WALL - SEE SITE SHEETS	07.16 1 1/2" RIGID EPS INTERIOR INSULATION WITH FURRING AS REQUIRED
02.05 SITE STAIR / RAMP / DOCK - SEE SITE SHEETS	07.17 SPRAY FOAM INSULATION R-30
02.06 CONTAINMENT FENCE - SEE SITE SHEETS	Division 08 - Doors & Windows
02.07 TRENCH DRAIN - SEE SITE SHEETS	08.01 HOLLOW METAL DOOR / FRAME - SEE DOOR SCHEDULE
02.08 HANDRAIL - SEE SITE SHEETS	08.02 F.R.P. DOOR / FRAME - SEE DOOR SCHEDULE
Division 03 - Concrete	08.03 HOLLOW METAL WINDOW - SEE WINDOW TYPES
03.01 CONC. FOUNDATION / FOOTING - REF. STRUCTL.	08.04 STOREFRONT WINDOW / DOOR - SEE WINDOW TYPES
03.02 PRE-CAST CONCRETE WALL - REF. STRUCTL.	08.05 PRE-FINISHED BREAK METAL - MATCH STOREFRONT FINISH
03.03 PRE-CAST HOLLOW CORE CONC. ROOF SLAB - REF. STRUCTL.	08.06 GLASS / ACRYLIC - SEE WINDOW TYPES
03.04 CAST-IN-PLACE CONCRETE WALL - REF. STRUCTL.	08.07 SKYLIGHT - SEE SPEC.
03.05 REINF. CONC. SLAB ON GRANULAR FILL OVER VAPOR BARRIER - REF. STRUCTL. & GEOTECH REPORT	Division 09 - Finishes
03.06 GROUT FILL - REF. STRUCTL.	09.01 GYP. BD. (OR AS INDICATED)
Division 04 - Masonry	09.02 LAY-IN CEILING - SEE R.C.P. (OR AS NOTED) - REF. STRUCTL.
04.01 CMU - 8"x8"x16" NORMAL WEIGHT (OR AS NOTED) - REF. STRUCTL.	09.03 MILLWORK / CASEWORK - SEE MILLWORK SHEETS
Division 05 - Metals	09.04 SOLID SURFACE - SEE FN. SCHED.
05.01 STEEL BEAM / JOIST / TRUSS - REF. STRUCTL.	09.05 PAINT
05.02 STEEL COLUMN - REF. STRUCTL.	Division 10 - Specialties
05.03 STEEL TUBE (SIZE AS NOTED) - REF. STRUCTL.	10.01 THEMWORK - SEE THEMWORK SHEETS
05.04 STEEL ANGLE (SIZE AS NOTED) - REF. STRUCTL.	10.02 SNOW GUARDS - PER MANUF. RECOMMENDED LAYOUT - COLOR TO MATCH ROOF
05.05 STEEL PLATE (SIZE AS NOTED) - REF. STRUCTL.	Division 11 - Equipment
05.06 STEEL LINTEL - REF. STRUCTL.	11.01 KITCHEN EQUIPMENT - SEE KITCHEN EQUIPMENT SHEETS
05.07 METAL ROOF DECK - REF. STRUCTL.	11.02 EQUIPMENT BY OWNER - N.I.C.
05.08 3/4" METAL STUD FRAMING @ 16" O.C. - REF. STRUCTL.	11.03 WATER STORAGE SILO - SEE SITE SHEETS (ANY PAINTED SIGNAGE BY OWNER)
05.09 1" METAL STUD FRAMING @ 16" O.C. - REF. STRUCTL.	Division 12 - Furnishings
05.10 PRE-FINISHED METAL SOFFIT PANEL	12.01 XXX
05.11 METAL FRAMING AS REOD	Division 13 - Special Construction
05.12 HEADER - REF. STRUCTL.	13.01 2"x2"x1/2" S.S. WOVEN WIRE MESH W/ BLACK OXIDE FINISH - SEE TYP. DETAIL F/SA7.1
05.13 COLD ROLLED METAL JOISTS @ 16" O.C. (SIZE AS INDIC'D) - REF. STRUCTL.	13.02 CAGEWORK: 3/4" LACING BAR - SEE DETAILS FOR STANDOFF LOGNS.
05.14 PRE-FINISHED HORIZONTAL METAL PANEL SIDING	13.03 CAGEWORK: SEE CAGEWORK SHEETS
05.15 PRE-FINISHED VERTICAL METAL PANEL SIDING	13.04 SIGNAGE (BY OWNER) - COORDINATE MOUNTING & ELECTRICAL REQUIREMENTS
05.16 PRE-FINISHED STANDING SNAP ON SEAM CURVED METAL ROOF	Division 14 - Conveying Systems
05.17 GALV. CORRUGATED METAL ROOFING	14.01 XXX
05.18 FURRING PER METAL SIDING MANUF. RECOMMENDATION	Division 15 - Mechanical
05.19 PRE-FINISHED MTL. FLASHING	15.02 PLUMBING EQUIPMENT / LINE / FLOOR DRAIN - REF. PLUMB'G
05.20 PRE-FINISHED MTL. SILL FLASHING	15.03 HOSEBIB - REF. PLUMB'G
05.21 PRE-FINISHED MTL. FASCIA	15.04 BEAR YARD FAN & DUCTWORK: MAIN DUCT IS 8" PVC PIPE W/ 3" PVC PIPE VENTS @ 12" O.C. - DUCTWORK CAST INTO CONC. WALL. REFERENCE MECHANICAL SHEETS FOR FAN EQUIPMENT.
05.22 PRE-FINISHED MTL. PARAPET FLASHING	15.05 12" LAYER CRUSHED CLEAR STONE, SURROUNDED BY NON-WOVEN GEO-TEXTILE FABRIC W/ SLOTTED DRAIN TILE
05.23 PRE-FIN. METAL GUTTER OR CONDUCTOR HEAD & DOWNSPOUT	Division 16 - Electrical
05.24 GALV. 6" HALF ROUND GUTTER & 3" DIAM. DOWNSPOUT	16.01 LIGHT FIXTURE - REF. ELECTL.
05.25 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	16.02 ELECTRICAL OUTLET - REF. ELECTL.
05.26 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	16.03 LIGHT SWITCH - REF. ELECTL.
Division 06 - Wood & Plastics	
06.01 BLOCKING, 2X OR SIZE AS INDIC'D	
06.02 WOOD TRIM, 1X OR SIZE AS INDIC'D - SEE SPEC	
06.03 WOOD BEAM / JOISTS - REF. STRUCTL.	
06.04 WOOD COLUMN - REF. STRUCTL.	
06.05 PLYWOOD SHEATHING - 3/4" OR SIZE AS INDIC'D	
06.06 1/2" GLASS-MAT ROOF COVER BD.	
06.07 3/4" GLASS-MAT SHEATHING SHEATHING	
06.08 ROOF SHEATHING - REF. STRUCTL.	
06.09 2x FASCIA OR SIZE AS INDIC'D	
06.10 6" CEDAR SHIPLAP SIDING ON 1X SLEEPERS	
06.11 CEDAR TRIM	
Division 07 - Thermal & Moisture	
07.01 FULLY ADHERED T.P.O. MEMBRANE ROOFING	
07.02 FULLY ADHERED T.P.O. FLASHING STRIP	
07.03 TERMINATION BAR	
07.04 SEALANT	
07.05 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)	
07.06 RIGID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)	
07.07 TAPERED INSULATION, 1/2" MIN.	
07.08 ICE & WATER SHIELD	
07.09 WEATHER BARRIER	

NOTE
BEAR HOLDING FINISH FLOOR ELEVATION 107.47 (AS USED IN THESE 'A' SHEETS) EQUALS SITE ELEVATION 114.30 (VERIFY W/ SITE SHEETS)

wcm ARCHITECTS
WDM Architects P.A.
105 North Washington
Wichita, KS 67202-2815
T 316.262.4700
F 316.262.0002
wdmarchitects.com

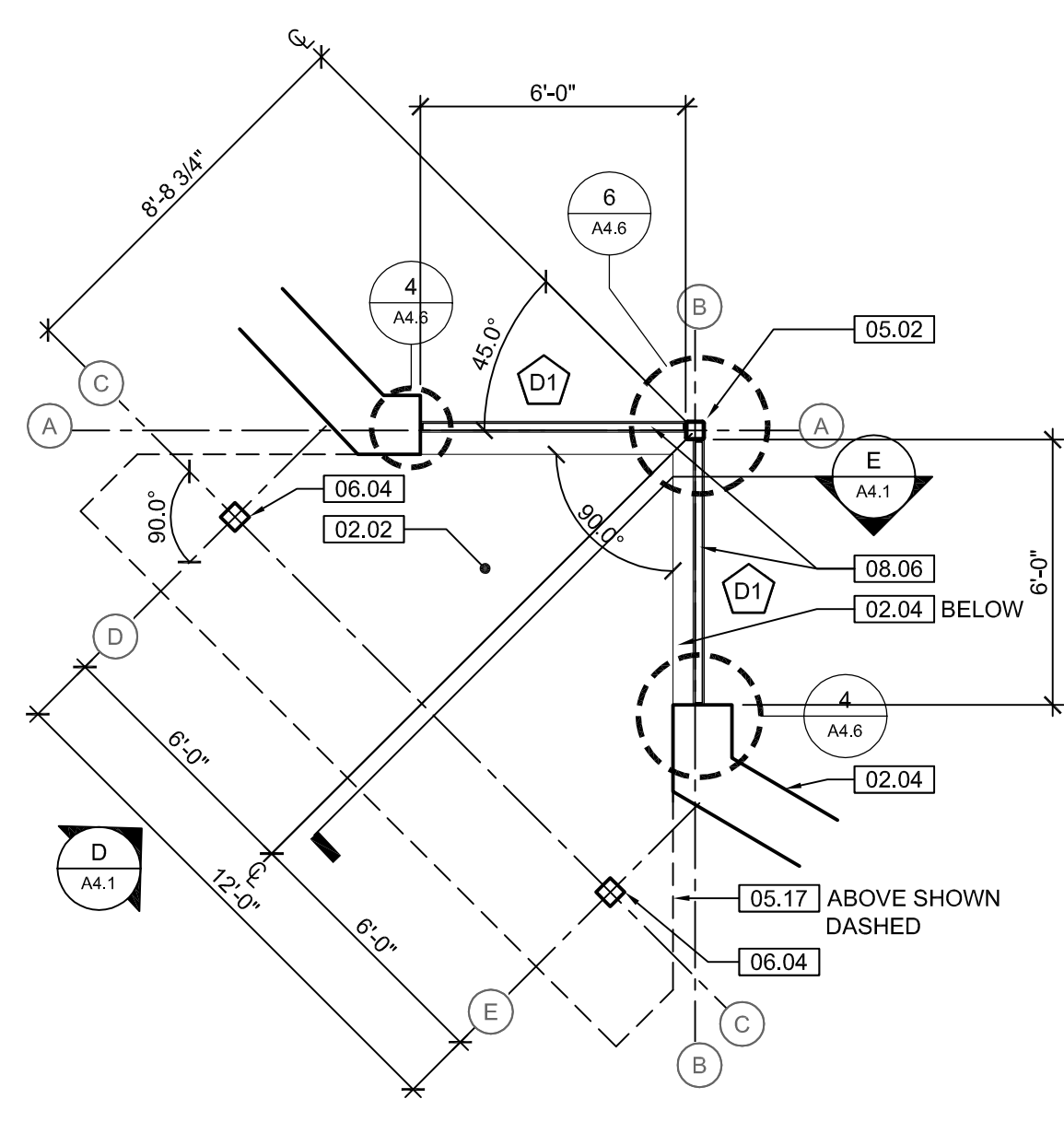
we do more
henry vilas
WOOD

ARCTIC ANIMAL EXHIBIT AND CONCESSIONS
RFB No. 313086
Henry Vilas Zoo - County of Dane
Department of Public Works
Henry Vilas Zoo
702 S Randall Ave
Madison, Wisconsin
1919 Alliant Energy Center Way
Madison, Wisconsin

PRINTS ISSUED
07.26.2013 - Schematic Design
08.23.2013 - Design Development
09.23.2013 - 65% CD's
10.07.2013 - Pricing Set
10.21.2013 - 95% CD's
11.13.2013 - Bid Documents

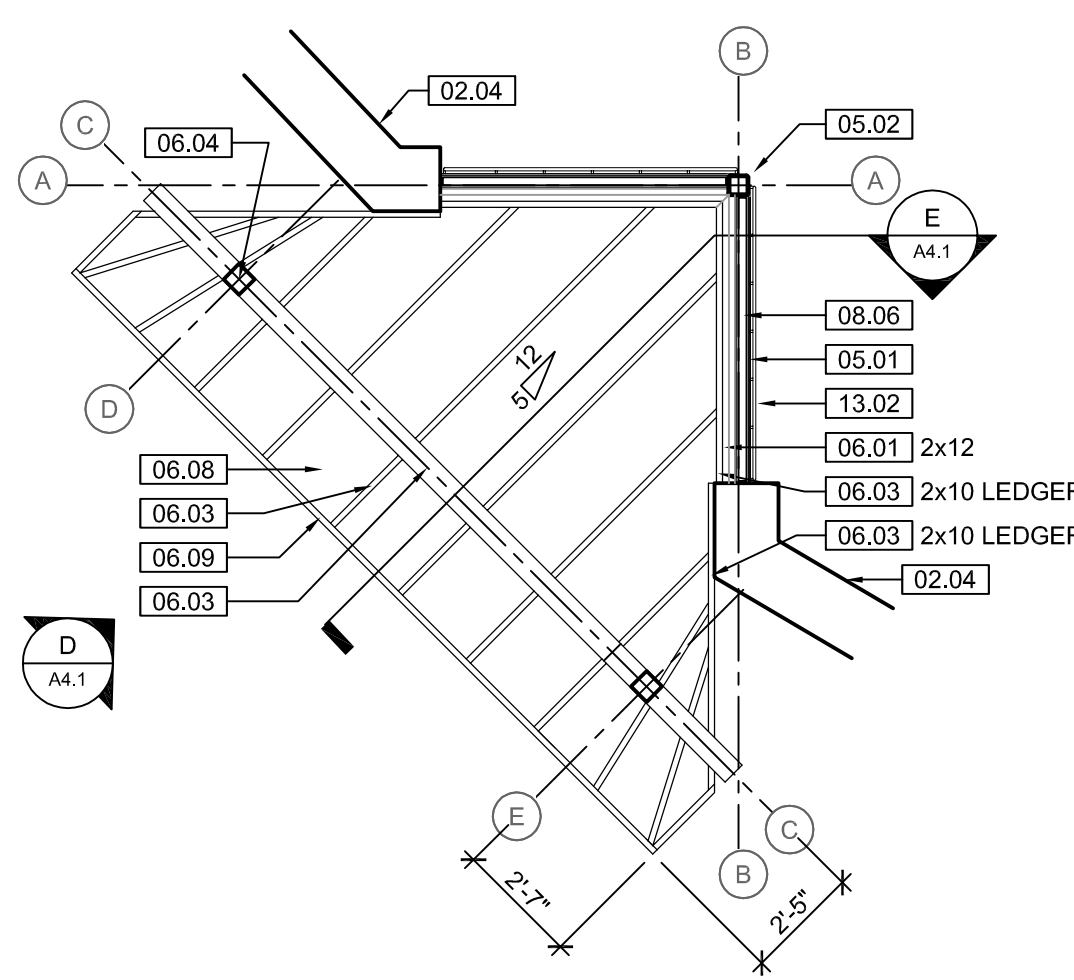
WDM No. 13046
drawn: DS
checked: SR

BEAR HOLDING SECTIONS
A3.5



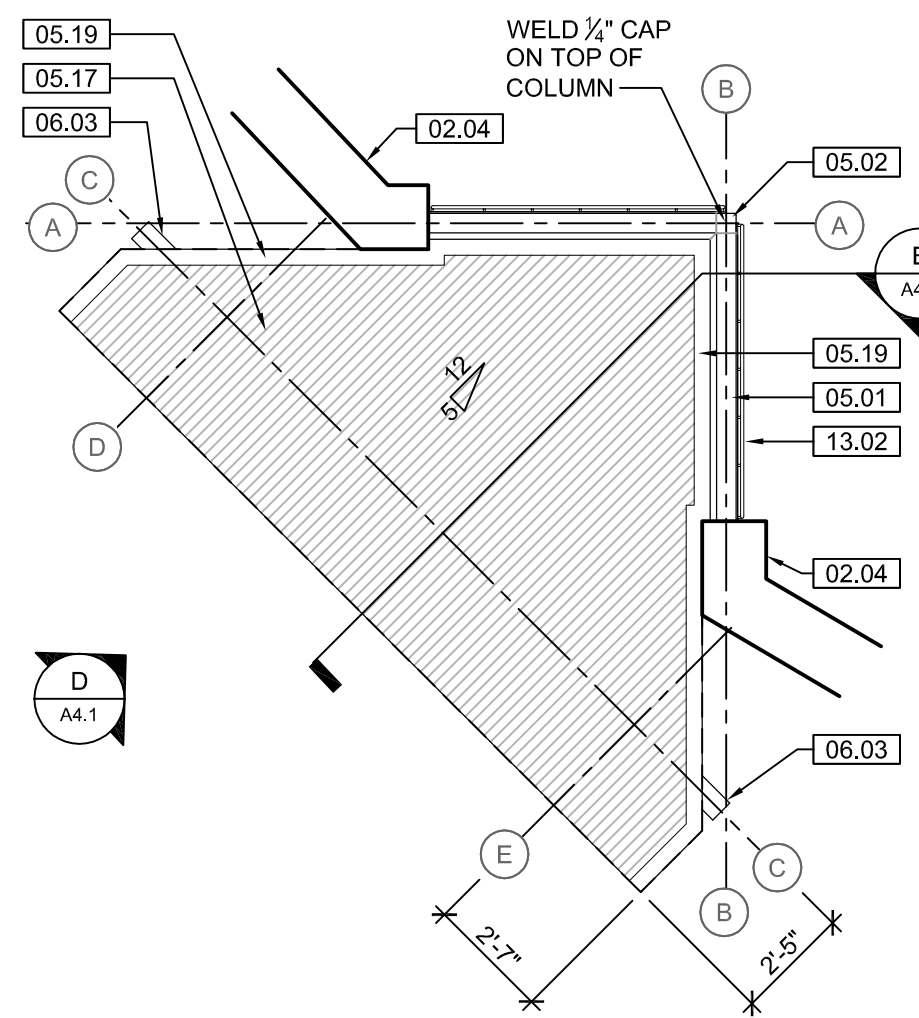
A BEAR WEST VIEWING PLAN

SCALE: 1/4" = 1'-0"



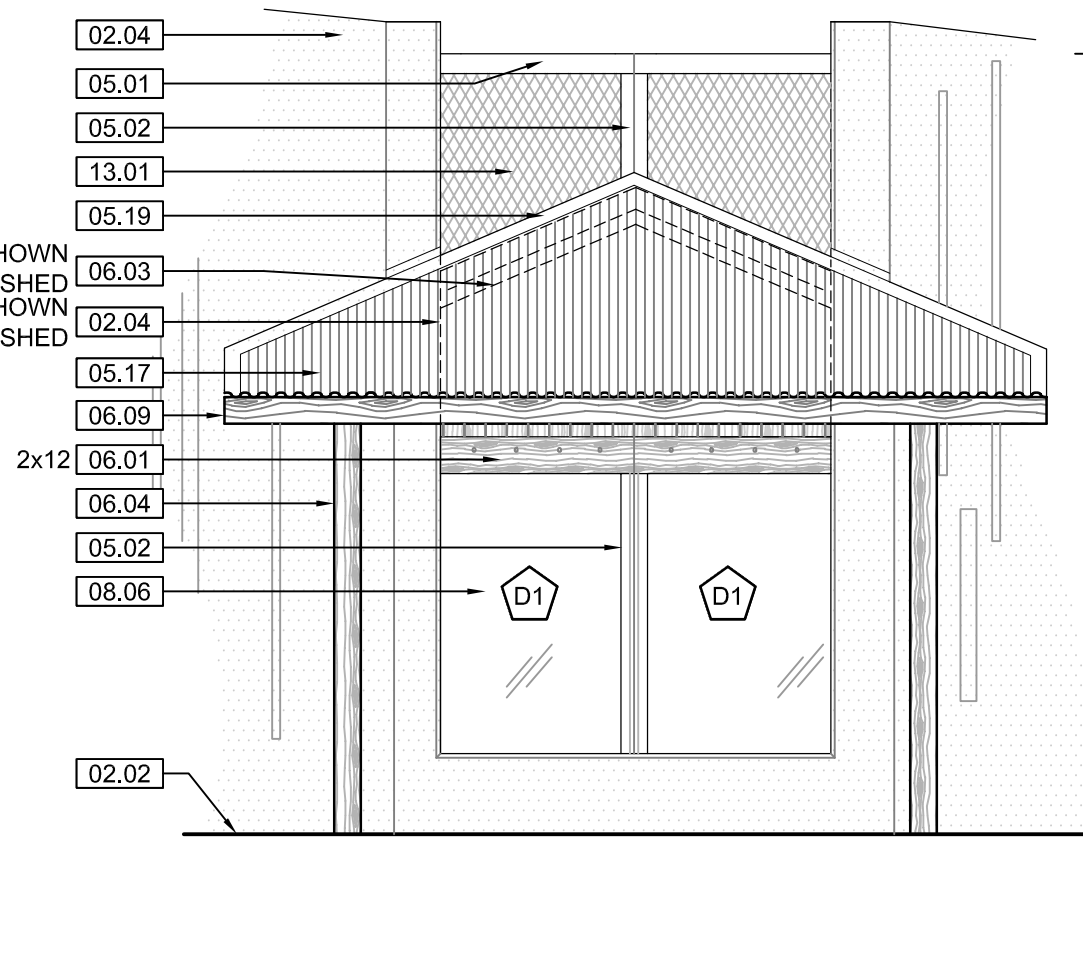
B BEAR WEST VIEWING RCP

SCALE: 1/4" = 1'-0"



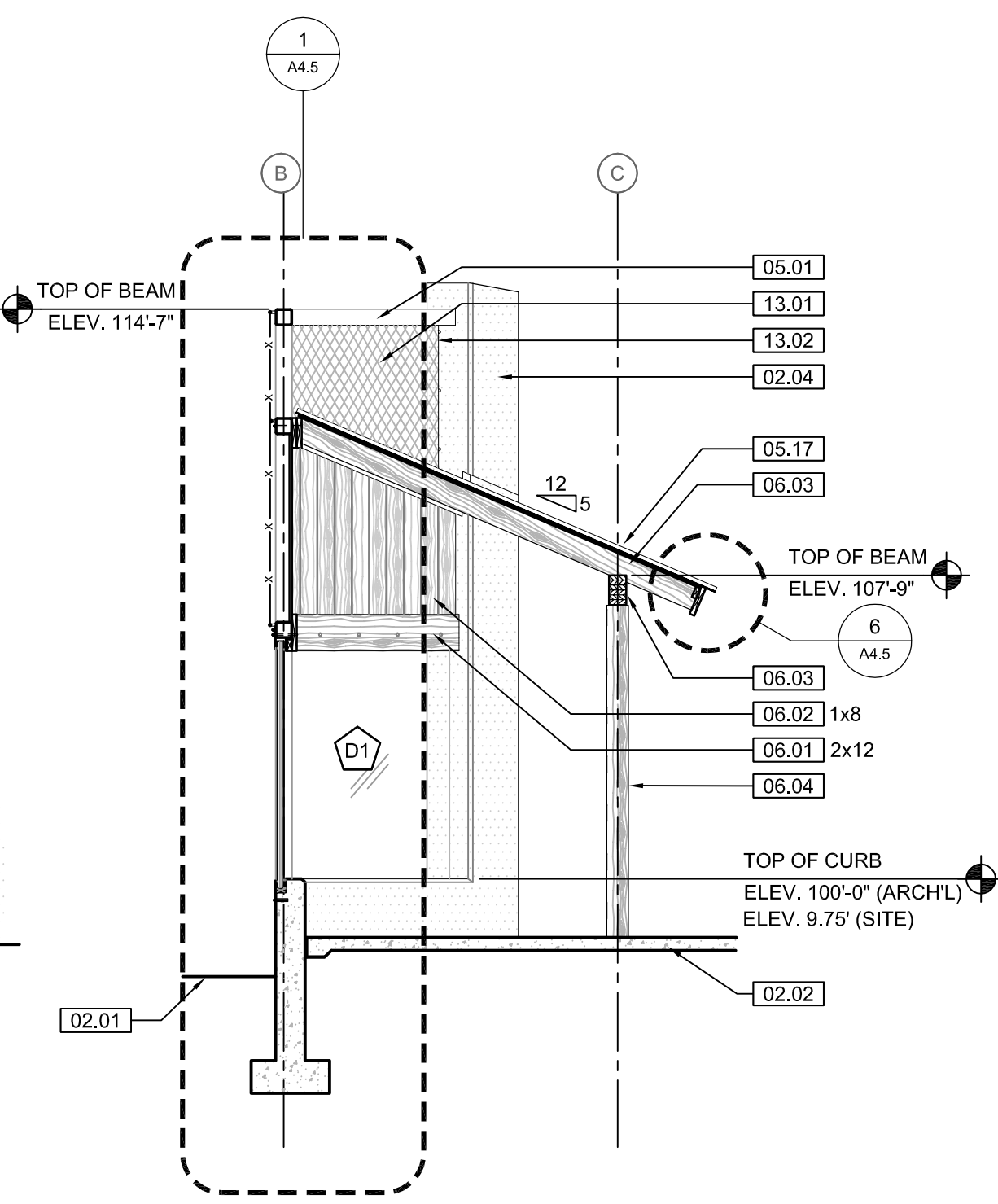
C BEAR WEST VIEWING ROOF PLAN

SCALE: 1/4" = 1'-0"



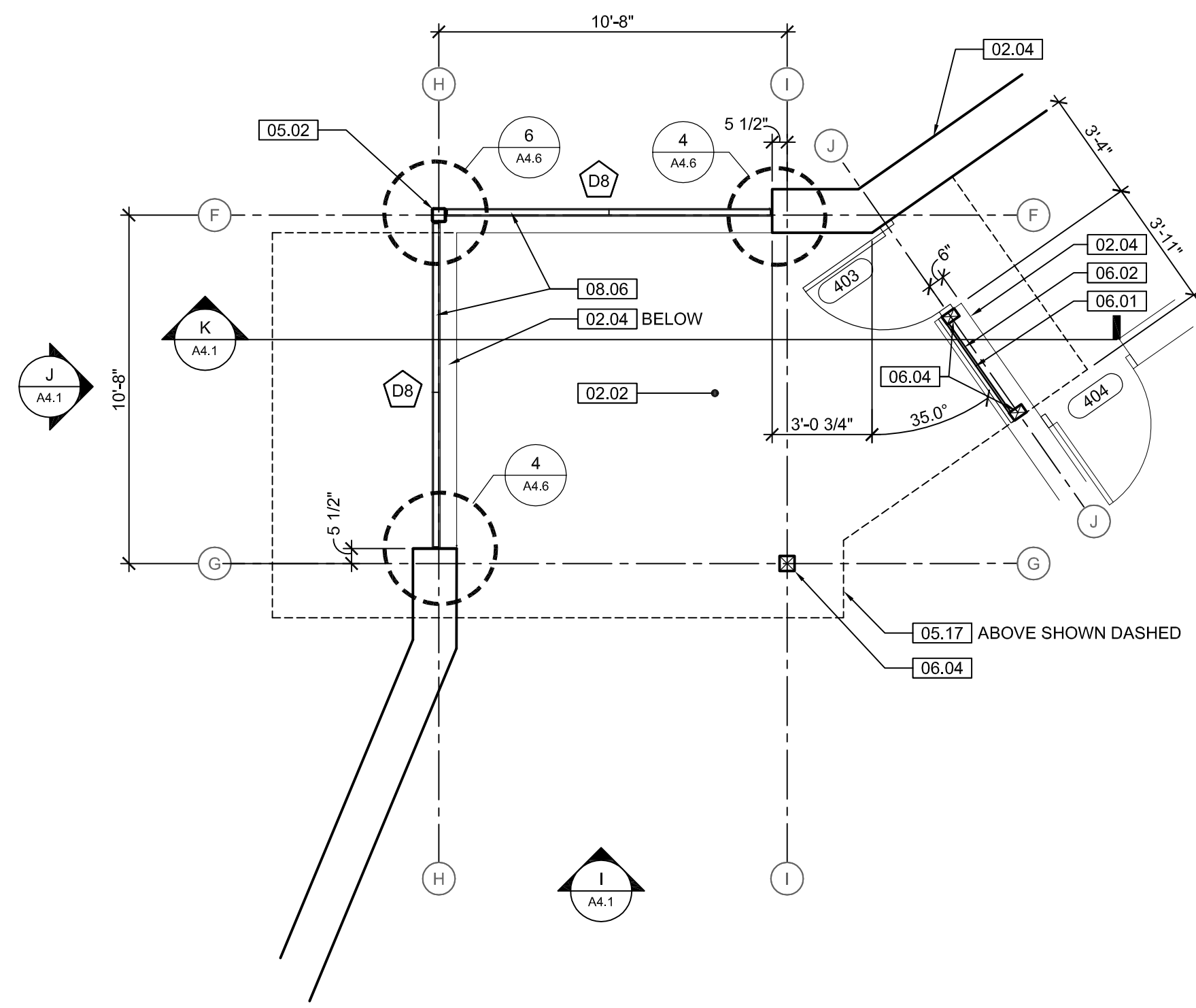
D BEAR WEST VIEWING ELEVATION

SCALE: 1/4" = 1'-0"



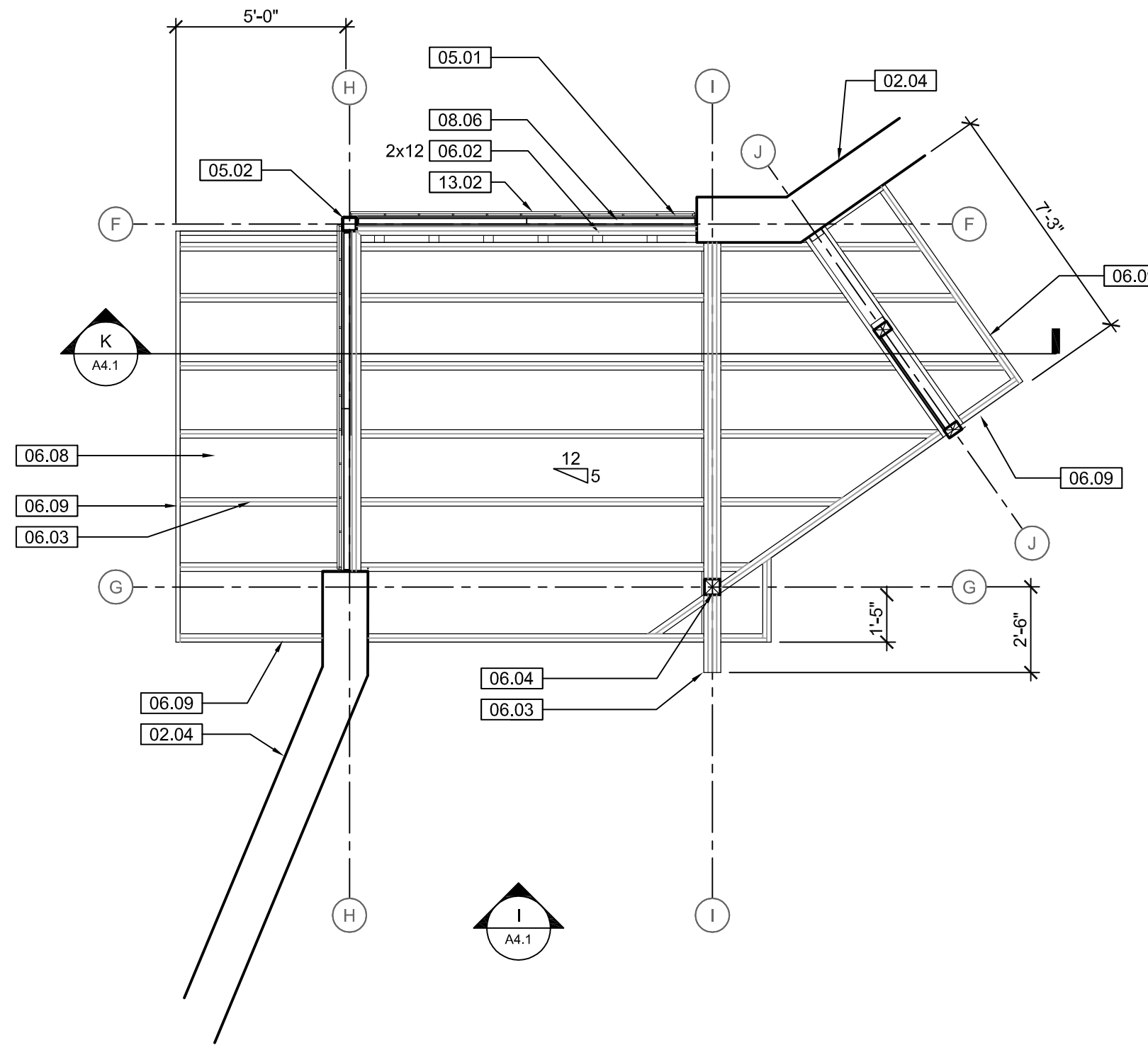
E BEAR WEST VIEWING SECTION

SCALE: 1/4" = 1'-0"



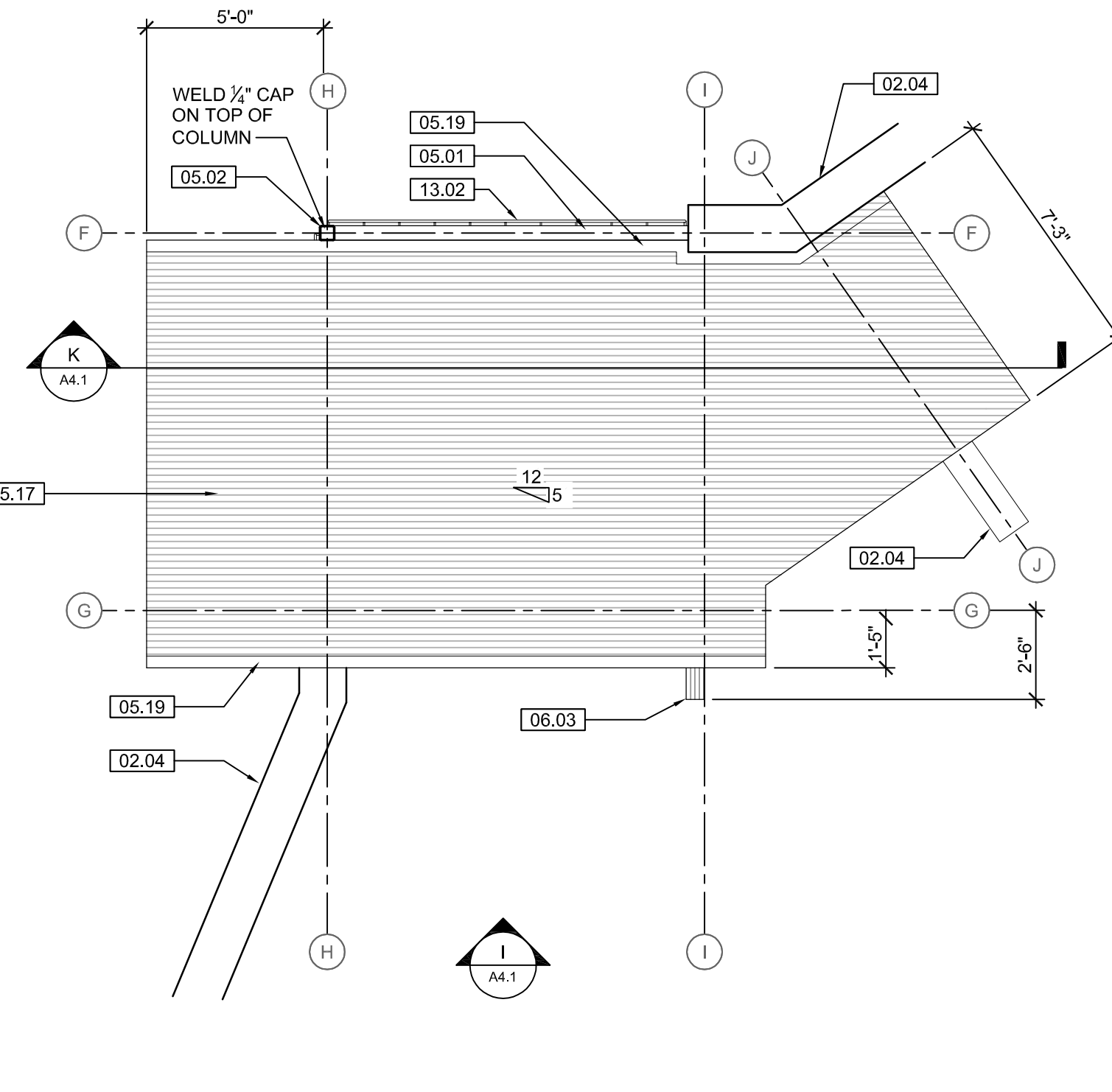
F BEAR EAST VIEWING PLAN

SCALE: 1/4" = 1'-0"



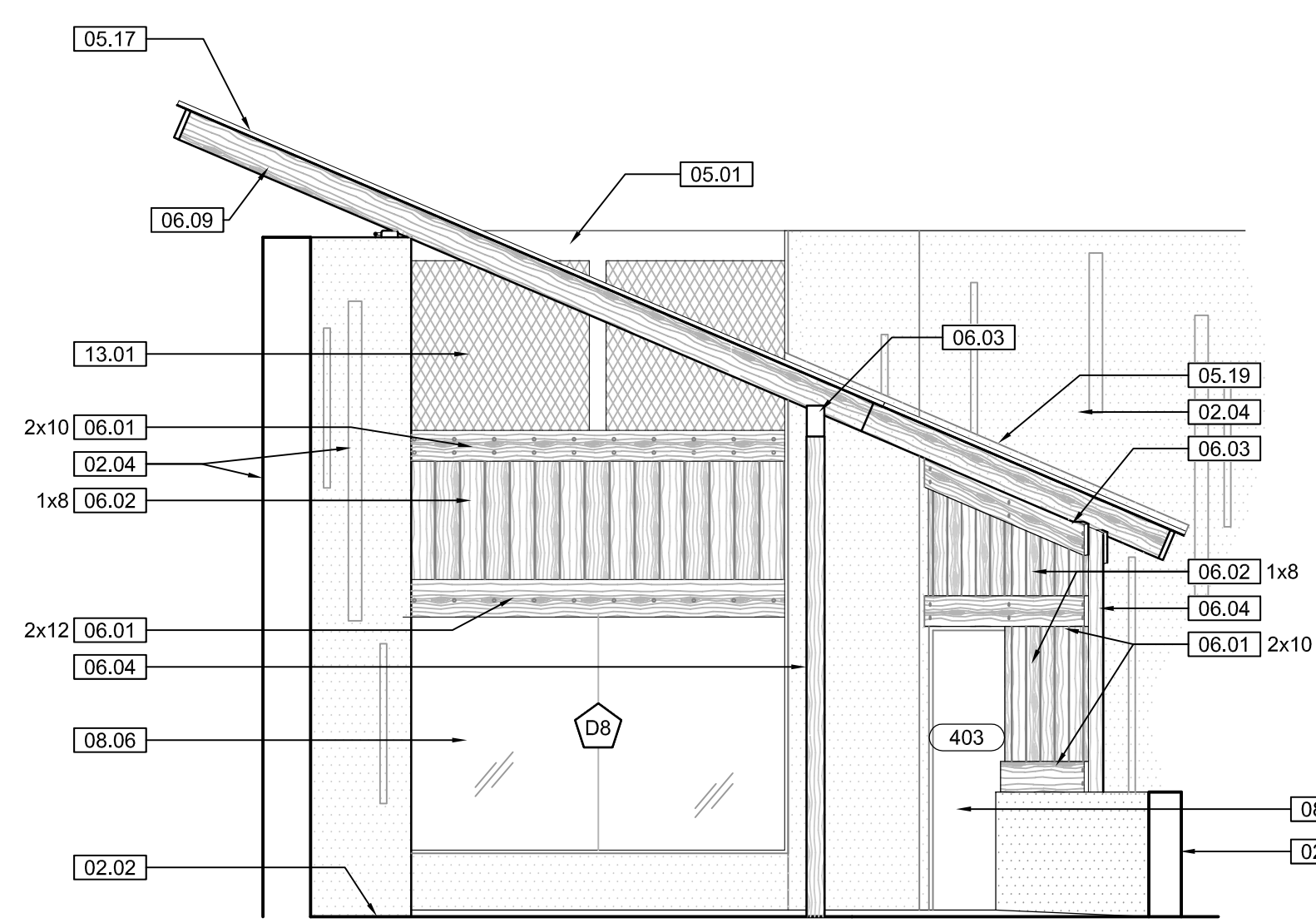
G BEAR EAST VIEWING RCP

SCALE: 1/4" = 1'-0"



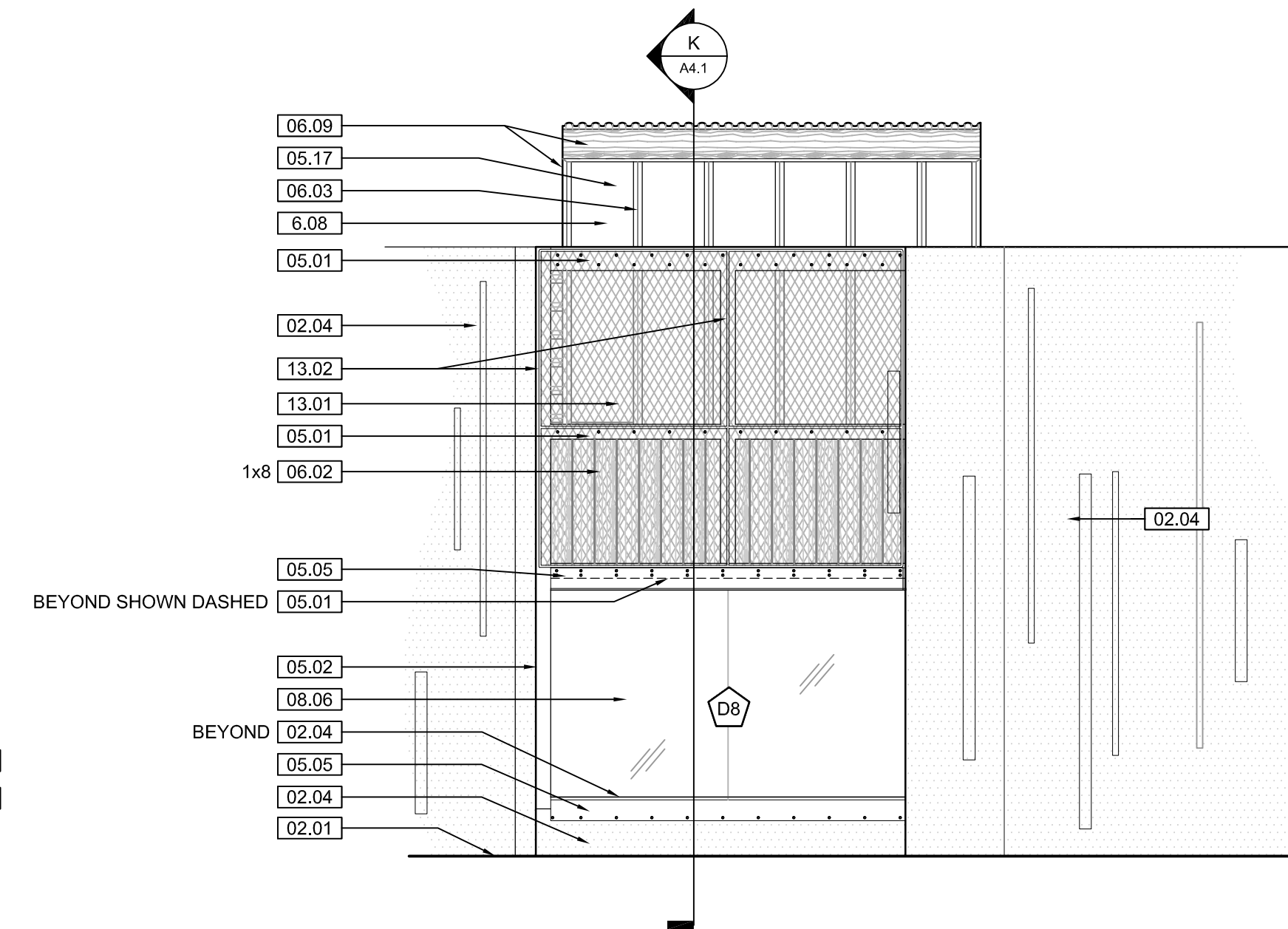
H BEAR EAST VIEWING ROOF PLAN

SCALE: 1/4" = 1'-0"



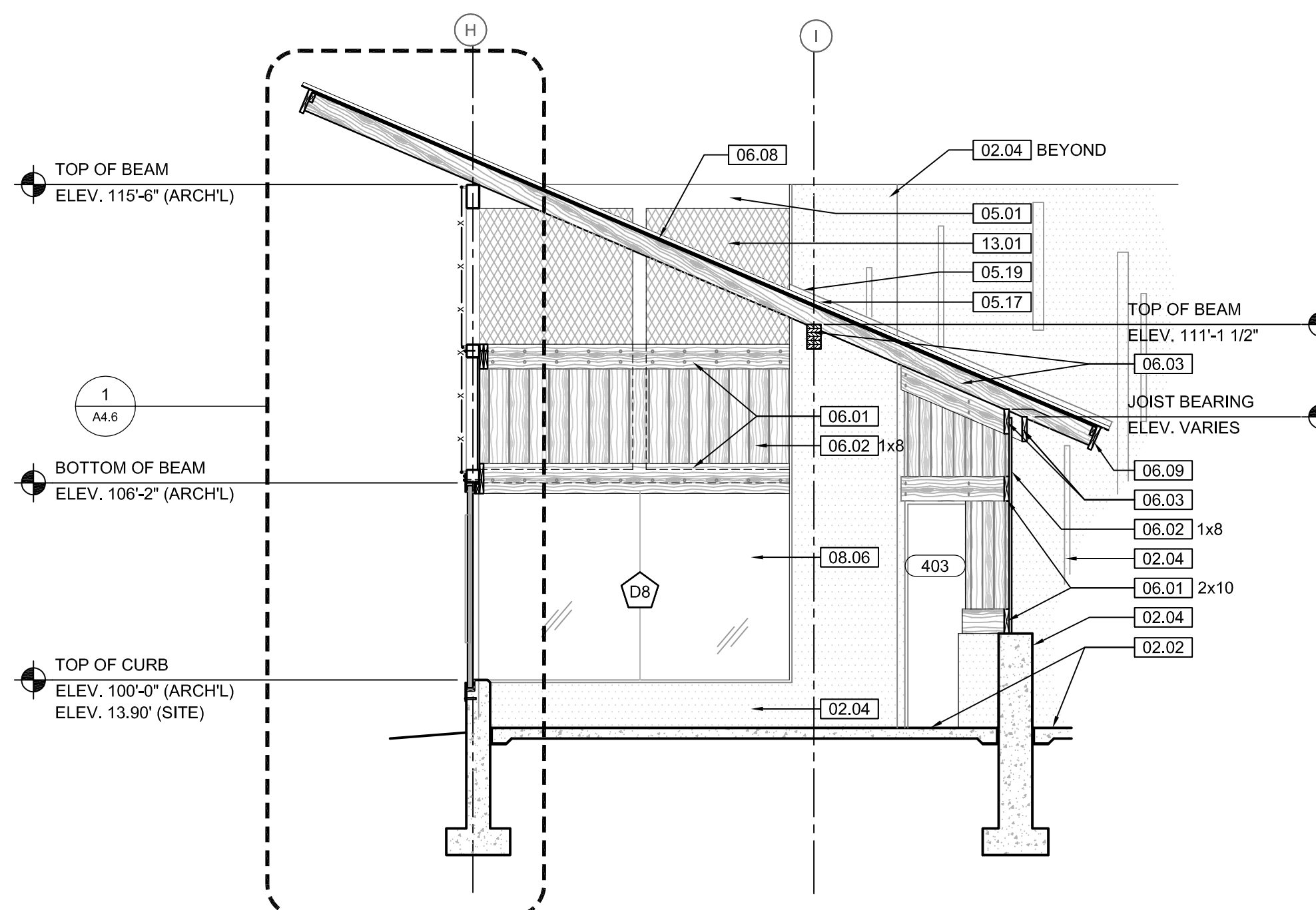
I BEAR EAST VIEWING ELEVATION

SCALE: 1/4" = 1'-0"



J BEAR EAST VIEWING SECTION

SCALE: 1/4" = 1'-0"



K BEAR EAST VIEWING SECTION

SCALE: 1/4" = 1'-0"

KEYNOTE LEGEND: BUILDING ELEVATIONS, SECTIONS, WALL SECTIONS, & DETAILS	
Division 01 - Existing Construction	07.10 BATT INSULATION: R-19 MIN. TYPICAL, OR AS NOTED
01.01 XXX	07.11 FOUNDATION INSULATION 48" BELOW GRADE
Division 02 - Site Construction	07.12 EXPANSION JOINT
02.01 DASHED - SEE SITE SHEETS	07.13 E.J. MATERIAL
02.02 SIDEWALK OR SITE PAVING - SEE SITE SHEETS	07.14 COLD APPLIED WATER PROOFING
02.03 1/2" E.J. W/ 1/2" FIBER BD. & SELF LEVELING SEALANT	07.15 6" EXPANDABLE WATER STOP
02.04 SITE WALL - SEE SITE SHEETS	07.16 1 1/2" RIGID EPS INSULATION WITH FURRING AS REQUIRED
02.05 SITE STAIR / RAMP / DOCK - SEE SITE SHEETS	07.17 SPRAY FOAM INSULATION R-30
02.06 CONTAINMENT FENCE - SEE SITE SHEETS	Division 08 - Doors & Windows
02.07 TRENCH FOAM - SEE SITE SHEETS	08.01 HOLLOW METAL DOOR / FRAME - SEE DOOR SCHEDULE
02.08 HANDRAIL - SEE SITE SHEETS	08.02 F.R.P. DOOR / FRAME - SEE DOOR SCHEDULE
Division 03 - Concrete	08.03 HOLLOW METAL WINDOW - SEE WINDOW TYPES
03.01 CONC. FOUNDATION / FOOTING - REF. STRUCT.	08.04 STOREFRONT WINDOW / DOOR - SEE WINDOW TYPES
03.02 PRE-CAST CONCRETE WALL - REF. STRUCT.	08.05 PRE-FINISHED BREAK METAL - MATCH STOREFRONT FINISH
03.03 PRE-CAST HOLLOW CORE CONC. ROOF SLAB - REF. STRUCT.	08.06 GLASS / ACRYLIC - SEE WINDOW TYPES
03.04 CAST-IN-PLACE CONCRETE WALL - REF. STRUCT.	08.07 SKYLIGHT - SEE SPEC.
03.05 REINF. CONC. SLAB ON GRANULAR FILL OVER VAPOR BARRIER - REF. STRUCT. & GEOTECH REPORT	08.08 GROUT FILL - REF. STRUCT.
03.06	Division 09 - Finishes
Division 04 - Masonry	09.01 1/2" GYP. BD. (OR AS INDICATED)
04.01 CMU - 8"x8"x16" NORMAL WEIGHT (OR AS NOTED) - REF. STRUCT.	09.02 LAY-IN CEILING - SEE R.C.P.
04.02	09.03 F.F. SCHEDULE
Division 05 - Metals	09.04 SOLID SURFACE - SEE FIN. SCHED.
05.01 STEEL BEAM / JOIST / TRUSS - REF. STRUCT.	09.05 PAINT
05.02 STEEL COLUMN - REF. STRUCT.	Division 10 - Specialties
05.03 STEEL TUBE (SIZE AS NOTED) - REF. STRUCT.	10.01 THEMWORK - SEE THEMWORK SHEETS
05.04 STEEL ANGLE (SIZE AS NOTED) - REF. STRUCT.	10.02 SNOW GUARDS - PER MANUF. RECOMMENDED LAYOUT - COLOR TO MATCH ROOF
05.05 STEEL PLATE (SIZE AS NOTED) - REF. STRUCT.	Division 11 - Equipment
05.06 STEEL LINTEL - REF. STRUCT.	11.01 KITCHEN EQUIPMENT - SEE KITCHEN EQUIPMENT SHEETS
05.07 METAL ROOF DECK - REF. STRUCT.	11.02 EQUIPMENT BY OWNER - N.I.C.
05.08 3/4" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	11.03 WATER STORAGE SILO - SEE SITE SHEETS (ANY PAINTED SIGNAGE BY OWNER)
05.09 6" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	Division 12 - Furnishings
05.10 PRE-FINISHED METAL SOFFIT PANEL	12.01 XXX
05.11 METAL FRAMING AS REOD	Division 13 - Special Construction
05.12 HEADER - REF. STRUCT.	13.01 2"x2"x1/2" S.S. WOVEN WIRE MESH W/ BLACK OXIDE FINISH - SEE TYP. DETAIL F/SA7.1
05.13 COLD ROLLED METAL JOISTS @ 16" O.C. (SIZE AS INDIC'D) - REF. STRUCT.	13.02 CAGEWORK: 3/4" LACING BAR - SEE DETAILS FOR STANDOFF LOGNS.
05.14 PRE-FINISHED HORIZONTAL METAL PANEL SIDING	13.03 CAGEWORK: SEE CAGEWORK SHEETS
05.15 PRE-FINISHED VERTICAL METAL PANEL SIDING	13.04 SIGNAGE (BY OWNER) - COORDINATE MOUNTING & ELECTRICAL REQUIREMENTS
05.16 PRE-FINISHED STANDING SNAP ON SEAM CURVED METAL ROOF	Division 14 - Conveying Systems
05.17 GALV. CORRUGATED METAL ROOFING	14.01 XXX
05.18 FURRING PER METAL SIDING MANUF. RECOMMENDATION	Division 15 - Mechanical
05.19 PRE-FINISHED MTL. FLASHING	15.01 HVAC UNIT / EQUIPMENT / DUCT - REF. MECH.
05.20 PRE-FINISHED MTL. SILL FLASHING	15.02 PLUMBING EQUIPMENT / LINE / FLOOR DRAIN - REF. PLUMB'G
05.21 PRE-FINISHED MTL. FASCIA	15.03 HOSEBIB - REF. PLUMB'G
05.22 PRE-FINISHED MTL. PARAPET FLASHING	15.04 BEAR YARD FAN & DUCTWORK: MAIN DUCT IS 8" PVC PIPE W/ 3" PVC PIPE VENTS @ 12" O.C. - DUCTWORK CAST INTO CONC. WALL. REFERENCE MECHANICAL SHEETS FOR FAN EQUIPMENT.
05.23 PRE-FIN. METAL GUTTER OR CONDUCTOR HEAD & DOWNSPOUT	15.05 12" LAYER CRUSHED CLEAR STONE, SURROUNDED BY NON-WOVEN GEO-TEXTILE FABRIC W/ SLOTTED DRAIN TILE
05.24 GALV. 6" HALF ROUND GUTTER & 3" DIAM. DOWNSPOUT	Division 16 - Electrical
05.25 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	16.01 LIGHT FIXTURE - REF. ELECT'L
Division 06 - Wood & Plastics	16.02 ELECTRICAL OUTLET - REF. ELECT'L
06.01 BLOCKING, 2X OR SIZE AS INDIC'D - SEE SPEC	16.03 LIGHT SWITCH - REF. ELECT'L
06.02 WOOD TRIM, 1X OR SIZE AS INDIC'D - SEE SPEC	
06.03 WOOD BEAM / JOISTS - REF. STRUCT.	
06.04 WOOD COLUMN - REF. STRUCT.	
06.05 PLYWOOD SHEATHING - 3/4" OR SIZE AS INDIC'D	
06.06 1/2" GLASS-MAT ROOF COVER BD.	
06.07 3/4" GLASS-MAT SHEATHING SHEATHING	
06.08 ROOF SHEATHING - REF. STRUCT.	
06.09 2x FASCIA OR SIZE AS INDIC'D	
06.10 6" CEDAR SHIPLAP SIDING ON 1X SLEEPERS	
06.11 CEDAR TRIM	
Division 07 - Thermal & Moisture	
07.01 FULLY ADHERED T.P.O. MEMBRANE ROOFING	
07.02 FULLY ADHERED T.P.O. FLASHING STRIP	
07.03 TERMINATION BAR	
07.04 SEALANT	
07.05 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)	
07.06 RIGID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)	
07.07 TAPERED INSULATION, 1/2" MIN.	
07.08 ICE & WATER SHIELD	
07.09 WEATHER BARRIER	

NOTE
ARCHITECTURAL PLAN FINISH FLOOR ELEVATION 100'-0" DOES NOT EQUAL SITE PLAN ELEVATION 100'-0" - REFERENCE SITE PLAN FOR FINISH FLOOR ELEVATION



ARCTIC ANIMAL EXHIBIT AND CONCESSIONS
RFB No. 313086
Henry Vilas Zoo - County of Dane
Department of Public Works
Henry Vilas Zoo
702 S Randall Ave
Madison, Wisconsin
1919 Alliant Energy Center Way
Madison, Wisconsin

PRINTS ISSUED
07.26.2013 - Schematic Design
08.23.2013 - Design Development
09.23.2013 - 65% CD's
10.07.2013 - Pricing Set
10.21.2013 - 95% CD's
11.13.2013 - Bid Documents

WDM No. drawn: DS
13046 checked: SR

BEAR WEST VIEWING PLAN

A4.1



KEYNOTE LEGEND: BUILDING ELEVATIONS, SECTIONS, WALL SECTIONS, & DETAILS

Division 01 - Existing Construction	07.10 BATT INSULATION: R-19 MIN. TYPICAL, OR AS NOTED
01.01 XXX	07.11 FOUNDATION INSULATION 48" BELOW GRADE
Division 02 - Site Construction	07.12 EXPANSION JOINT
02.01 GRADE - SEE SITE SHEETS	07.13 E.J. MATERIAL
02.02 SIDEWALK OR SITE PAVING - SEE SITE SHEETS	07.14 COLD APPLIED WATER PROOFING
02.03 1/2" E.J. W/ 1/2" FIBER BD. & SELF LEVELING SEALANT	07.15 6" EXPANDABLE WATER STOP
02.04 SITE WALL - SEE SITE SHEETS	07.16 1 1/2" RIGID EPS INTERIOR INSULATION WITH FURRING AS REQUIRED
02.05 SITE STAIR / RAMP / DOCK - SEE SITE SHEETS	07.17 SPRAY FOAM INSULATION R-30
02.06 CONTAINMENT FENCE - SEE SITE SHEETS	Division 08 - Doors & Windows
02.07 TRENCH DRAIN - SEE SITE SHEETS	08.01 HOLLOW METAL DOOR / FRAME - SEE DOOR SCHEDULE
02.08 HANDRAIL - SEE SITE SHEETS	08.02 F.R.P. DOOR / FRAME - SEE DOOR SCHEDULE
Division 03 - Concrete	08.03 HOLLOW METAL WINDOW - SEE WINDOW TYPES
03.01 CONC. FOUNDATION / FOOTING - REF. STRUCT.	08.04 STOREFRONT WINDOW / DOOR - SEE WINDOW TYPES
03.02 PRE-CAST CONCRETE WALL - REF. STRUCT.	08.05 PRE-FINISHED BREAK METAL - MATCH STOREFRONT FINISH
03.03 PRE-CAST HOLLOW CORE CONC. ROOF SLAB - REF. STRUCT.	08.06 GLASS / ACRYLIC - SEE WINDOW TYPES
03.04 CAST-IN-PLACE CONCRETE WALL - REF. STRUCT.	08.07 SKYLIGHT - SEE SPEC.
03.05 REINF. CONC. SLAB ON GRANULAR FILL OVER VAPOR BARRIER - REF. STRUCT. & GEOTECH REPORT	Division 09 - Finishes
03.06 GROUT FILL - REF. STRUCT.	09.01 1/2" GYP. BD. (OR AS INDICATED)
Division 04 - Masonry	09.02 LAY-IN CEILING - SEE R.C.P.
04.01 CMU - 8"x8"x16" NORMAL WEIGHT (OR AS NOTED) - REF. STRUCT.	09.03 MILLWORK / CASEWORK - SEE MILLWORK SHEETS
Division 05 - Metals	09.04 SOLID SURFACE - SEE FIN. SCHED.
05.01 STEEL BEAM / JOIST / TRUSS - REF. STRUCT.	09.05 PAINT
05.02 STEEL COLUMN - REF. STRUCT.	Division 10 - Specialties
05.03 STEEL TUBE (SIZE AS NOTED) - REF. STRUCT.	10.01 THEMWORK - SEE THEMWORK SHEETS
05.04 STEEL ANGLE (SIZE AS NOTED) - REF. STRUCT.	10.02 SNOW GUARDS - PER MANUF. RECOMMENDED LAYOUT - COLOR TO MATCH ROOF
05.05 STEEL PLATE (SIZE AS NOTED) - REF. STRUCT.	Division 11 - Equipment
05.06 STEEL LINTEL - REF. STRUCT.	11.01 KITCHEN EQUIPMENT - SEE KITCHEN EQUIPMENT SHEETS
05.07 METAL ROOF DECK - REF. STRUCT.	11.02 EQUIPMENT BY OWNER - N.I.C.
05.08 3/4" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	11.03 WATER STORAGE SILO - SEE SITE SHEETS (ANY PAINTED SIGNAGE BY OWNER)
05.09 6" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	Division 12 - Furnishings
05.10 PRE-FINISHED METAL SOFFIT PANEL	12.01 XXX
05.11 METAL FRAMING AS REOD	Division 13 - Special Construction
05.12 HEADER - REF. STRUCT.	13.01 2"x2"x1/2" S.S. WOVEN WIRE MESH W/ BLACK OXIDE FINISH - SEE TYP. DETAIL F/SA7.1
05.13 COLD ROLLED METAL JOISTS @ 16" O.C. (SIZE AS INDIC'D) - REF. STRUCT.	13.02 CAGEWORK: 3/4" LACING BAR - SEE DETAILS FOR STANDOFF LOGNS.
05.14 PRE-FINISHED HORIZONTAL METAL PANEL SIDING	13.03 CAGEWORK: SEE CAGEWORK SHEETS
05.15 PRE-FINISHED VERTICAL METAL PANEL SIDING	13.04 SIGNAGE (BY OWNER) - COORDINATE MOUNTING & ELECTRICAL REQUIREMENTS
05.16 PRE-FINISHED STANDING SNAP ON SEAM CURVED METAL ROOF	Division 14 - Conveying Systems
05.17 GALV. CORRUGATED METAL ROOFING	14.01 XXX
05.18 FURRING PER METAL SIDING MANUF. RECOMMENDATION	Division 15 - Mechanical
05.19 PRE-FINISHED MTL. FLASHING	15.01 HVAC UNIT / EQUIPMENT / DUCT - REF. MECH.
05.20 PRE-FINISHED MTL. SILL FLASHING	15.02 PLUMBING EQUIPMENT / LINE / FLOOR DRAIN - REF. PLUMB'G
05.21 PRE-FINISHED MTL. FASCIA	15.03 HOSEBIB - REF. PLUMB'G
05.22 PRE-FINISHED MTL. PARAPET FLASHING	15.04 BEAR YARD FAN & DUCTWORK: MAIN DUCT IS 8" PVC PIPE W/ 3" PVC PIPE VENTS @ 12" O.C. - DUCTWORK CAST INTO CONC. WALL. REFERENCE MECHANICAL SHEETS FOR FAN EQUIPMENT.
05.23 PRE-FIN. METAL GUTTER OR CONDUCTOR HEAD & DOWNSPOUT	15.05 12" LAYER CRUSHED CLEAR STONE, SURROUNDED BY NON-WOVEN GEO-TEXTILE FABRIC W/ 3" SLOTTED DRAIN TILE
05.24 GALV. 6" HALF ROUND GUTTER & 3" DIAM. DOWNSPOUT	Division 16 - Electrical
05.25 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	16.01 LIGHT FIXTURE - REF. ELECT.
Division 06 - Wood & Plastics	16.02 ELECTRICAL OUTLET - REF. ELECT.
06.01 BLOCKING, 2X OR SIZE AS INDIC'D	16.03 LIGHT SWITCH - REF. ELECT.
06.02 WOOD TRIM, 1X OR SIZE AS INDIC'D - SEE SPEC	
06.03 WOOD BEAM / JOISTS - REF. STRUCT.	
06.04 WOOD COLUMN - REF. STRUCT.	
06.05 PLYWOOD SHEATHING - 5/8" OR SIZE AS INDIC'D	
06.06 1/2" GLASS-MAT ROOF COVER BD.	
06.07 3/4" GLASS-MAT SHEATHING SHEATHING	
06.08 ROOF SHEATHING - REF. STRUCT.	
06.09 2x FASCIA OR SIZE AS INDIC'D	
06.10 6" CEDAR SHIPLAP SIDING ON 1X SLEEPERS	
06.11 CEDAR TRIM	
Division 07 - Thermal & Moisture	
07.01 FULLY ADHERED T.P.O. MEMBRANE ROOFING	
07.02 FULLY ADHERED T.P.O. FLASHING STRIP	
07.03 TERMINATION BAR	
07.04 SEALANT	
07.05 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)	
07.06 RIGID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)	
07.07 TAPERED INSULATION, 1/2" MIN.	
07.08 ICE & WATER SHIELD	
07.09 WEATHER BARRIER	

wcm ARCHITECTS
 WDM Architects P.A.
 105 North Washington
 Wichita, KS 67202-2815
 T 316.262.4700
 F 316.262.0002
 wdmarchitects.com

we do more
henry vilas
ZOO

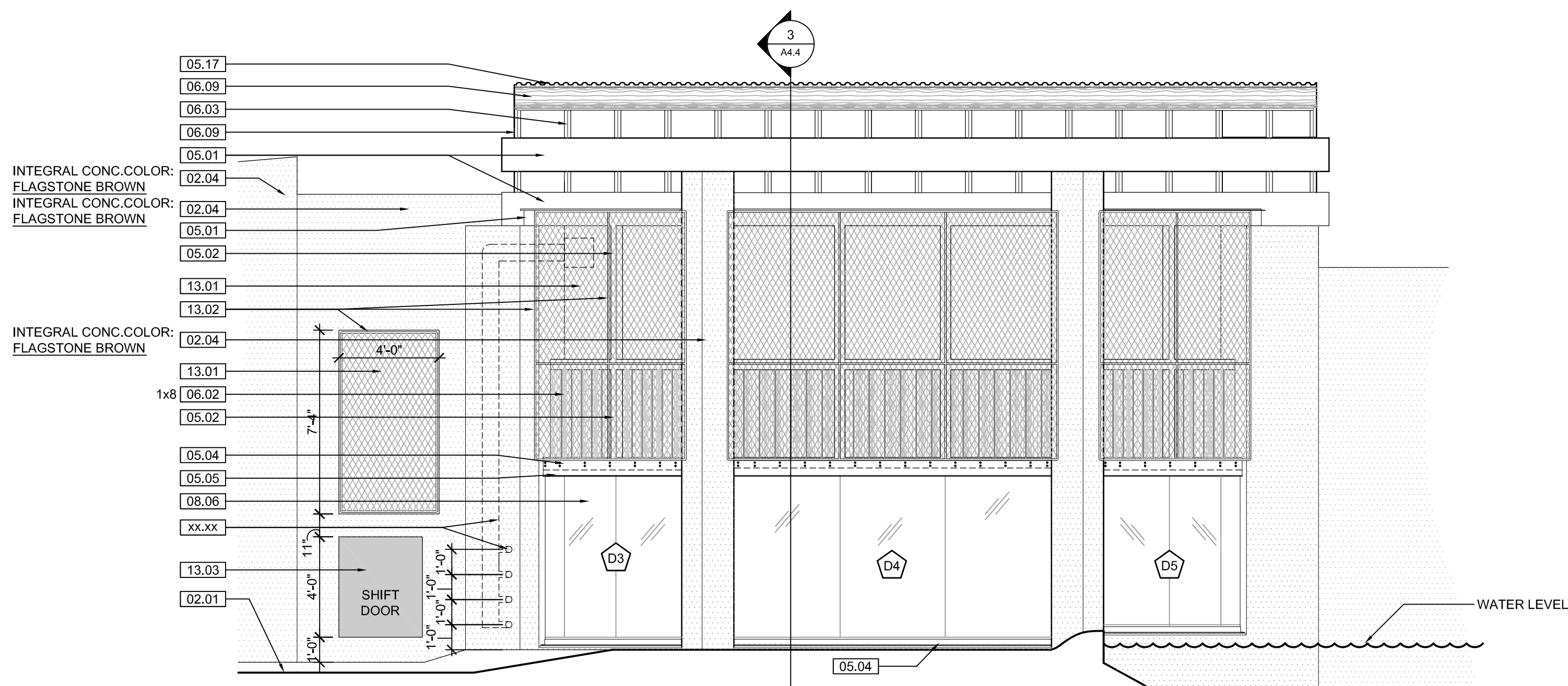
ARCTIC ANIMAL EXHIBIT AND CONCESSIONS
 RFB No. 313086
 Henry Vilas Zoo - County of Dane
 Department of Public Works
 Henry Vilas Zoo
 702 S Randall Ave
 Madison, Wisconsin
 1919 Alliant Energy Center Way
 Madison, Wisconsin

PRINTS ISSUED
 07.26.2013 - Schematic Design
 08.23.2013 - Design Development
 09.23.2013 - 65% CD's
 10.07.2013 - Pricing Set
 10.21.2013 - 95% CD's
 11.13.2013 - Bid Documents

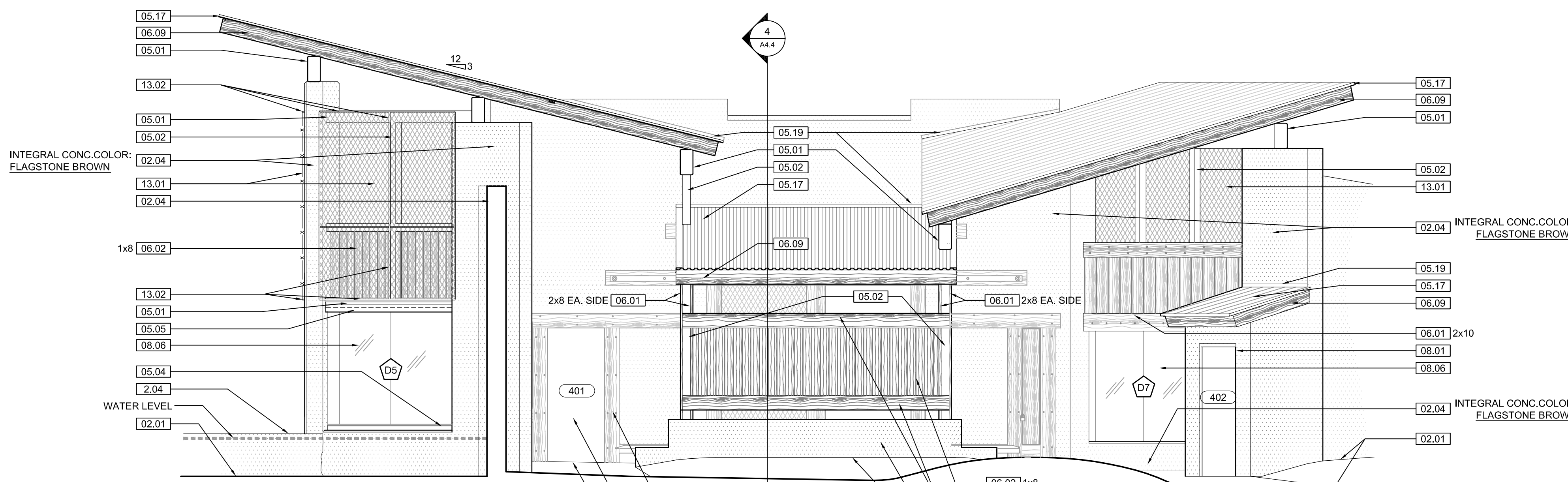
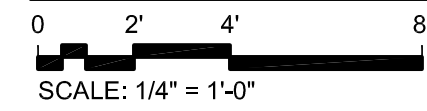
WDM No. 13046 drawn: DS
 checked: SR

BEAR TRAINING WALL PLAN
 BEAR TRAINING WALL RCP

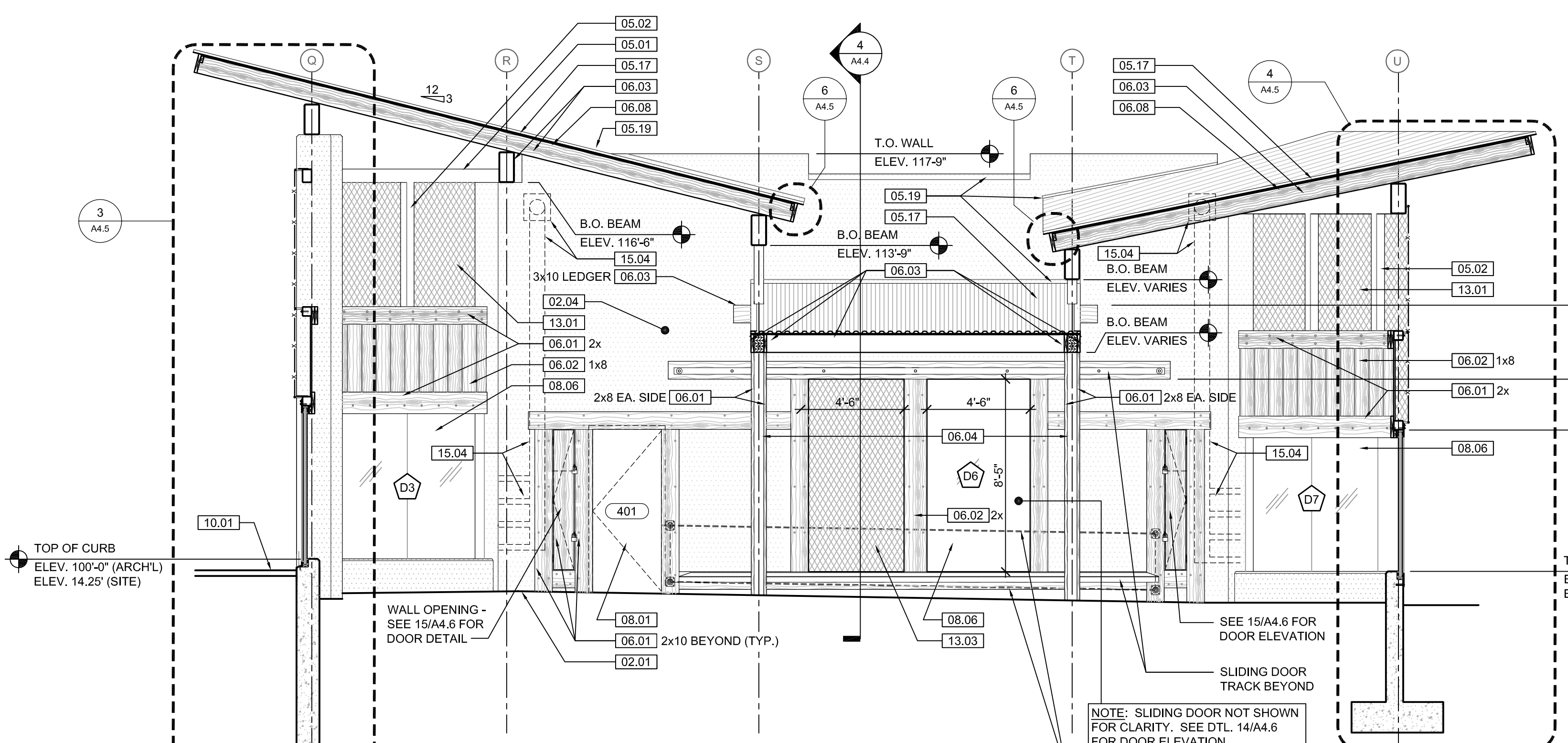
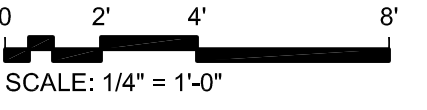
A4.3



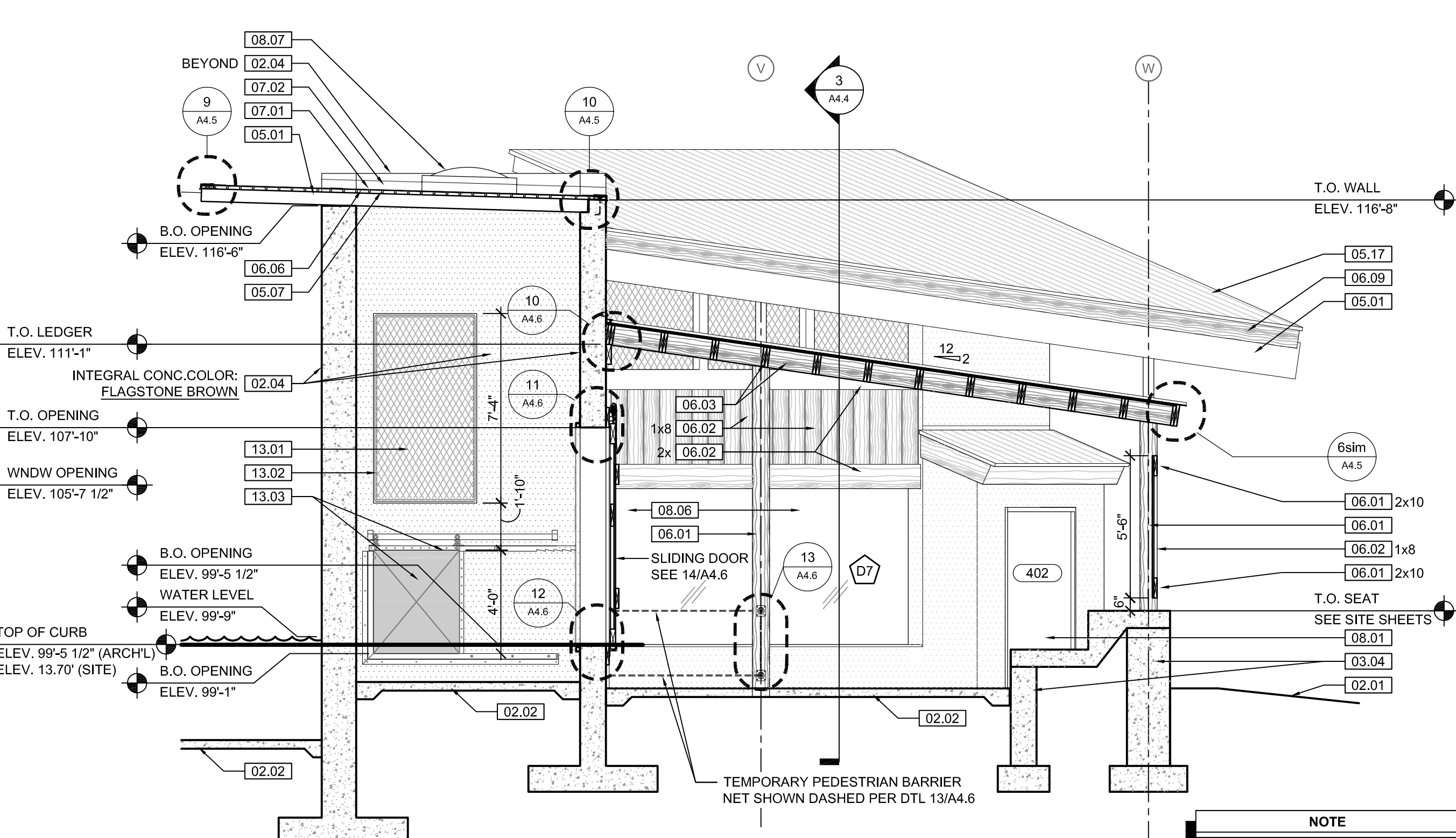
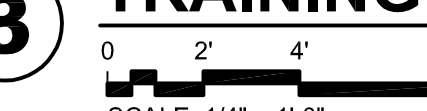
1 BEAR VIEWING & TRAINING WALL ELEVATION



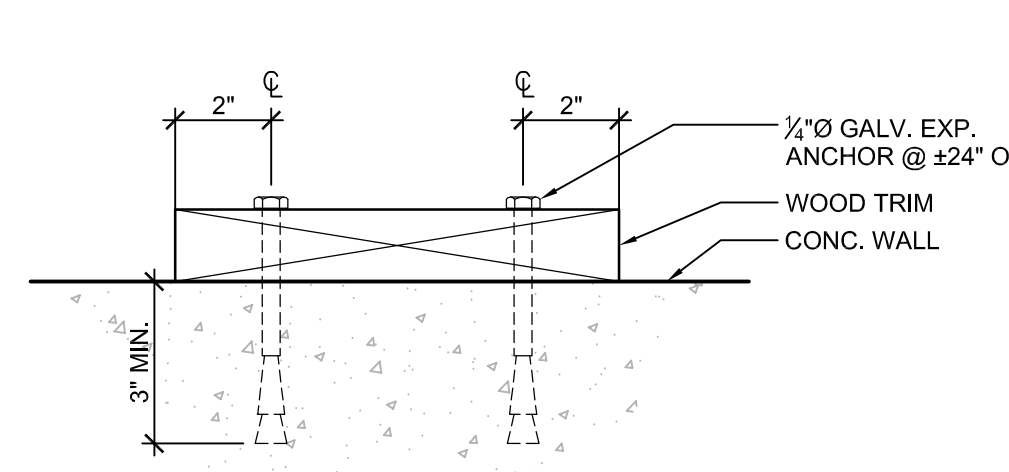
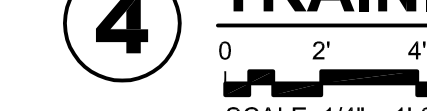
2 BEAR VIEWING & TRAINING WALL ELEVATION



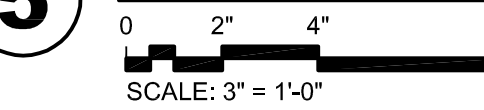
3 BEAR VIEWING & TRAINING WALL SECTION



4 BEAR VIEWING & TRAINING WALL SECTION



5 TYP. 2x WOOD TRIM ATTACHEMENT



KEYNOTE LEGEND:
BUILDING ELEVATIONS, SECTIONS, WALL SECTIONS, & DETAILS

Division 01 - Existing Construction 01.01 XXX	07.10 BATT INSULATION: R-19 MIN. TYPICAL, OR AS NOTED
Division 02 - Site Construction 02.01 GRADE - SEE SITE SHEETS	07.11 FOUNDATION INSULATION 48" BELOW GRADE
02.02 SIDEWALK OR SITE PAVING - SEE SITE SHEETS	07.12 EXPANSION JOINT
02.03 1/2" E.J. W/ 1/2" FIBER BD. & SELF LEVELING SEALANT	07.13 E.J. MATERIAL
02.04 SITE WALL - SEE SITE SHEETS	07.15 6" EXPANDABLE WATER STOP
02.05 SITE STAIR / RAMP / DOCK - SEE SITE SHEETS	07.16 1 1/2" RIGID EPS INTERIOR INSULATION WITH FURRING AS REQUIRED
02.06 CONTAINMENT FENCE - SEE SITE SHEETS	07.17 SPRAY FOAM INSULATION R-30
02.07 TRENCH DRAIN - SEE SITE SHEETS	Division 08 - Doors & Windows
02.08 HANDRAIL - SEE SITE SHEETS	08.01 HOLLOW METAL DOOR / FRAME - SEE DOOR SCHEDULE
Division 03 - Concrete	08.02 F.R.P. DOOR / FRAME - SEE DOOR SCHEDULE
03.01 CONC. FOUNDATION / FOOTING - REF. STRUCT.	08.03 HOLLOW METAL WINDOW - SEE WINDOW TYPES
03.02 PRE-CAST CONCRETE WALL - REF. STRUCT.	08.04 STOREFRONT WINDOW / DOOR - SEE WINDOW TYPES
03.03 PRE-CAST HOLLOW CORE CONC. ROOF SLAB - REF. STRUCT.	08.05 PRE-FINISHED BREAK METAL - MATCH STOREFRONT FINISH
03.04 CAST-IN-PLACE CONCRETE WALL - REF. STRUCT.	08.06 GLASS / ACRYLIC - SEE WINDOW TYPES
03.05 REINF. CONC. SLAB ON GRANULAR FILL OVER VAPOR BARRIER - REF. STRUCT. & GEOTECH REPORT	08.07 SKYLIGHT - SEE SPEC.
03.06 GROUT FILL - REF. STRUCT.	Division 09 - Finishes
Division 04 - Masonry	09.01 1/2" GYP. BD. (OR AS INDICATED)
04.01 CMU - 8"x8"x16" NORMAL WEIGHT (OR AS NOTED) - REF. STRUCT.	09.02 LAY-IN CEILING - SEE R.C.P.
Division 05 - Metals	09.03 MILLWORK / CASEWORK - SEE MILLWORK SHEETS
05.01 STEEL BEAM / JOIST / TRUSS - REF. STRUCT.	09.04 SOLID SURFACE - SEE FIN. SCHED.
05.02 STEEL COLUMN - REF. STRUCT.	09.05 PAINT
05.03 STEEL TUBE (SIZE AS NOTED) - REF. STRUCT.	Division 10 - Specialties
05.04 STEEL ANGLE (SIZE AS NOTED) - REF. STRUCT.	10.01 THEMWORK - SEE THEMWORK SHEETS
05.05 STEEL PLATE (SIZE AS NOTED) - REF. STRUCT.	10.02 SNOW GUARDS - PER MANUF. RECOMMENDED LAYOUT - COLOR TO MATCH ROOF
05.06 STEEL LINTEL - REF. STRUCT.	Division 11 - Equipment
05.07 METAL ROOF DECK - REF. STRUCT.	11.01 KITCHEN EQUIPMENT - SEE KITCHEN EQUIPMENT SHEETS
05.08 3/8" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	11.02 EQUIPMENT BY OWNER - N.I.C.
05.09 1/2" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	11.03 WATER STORAGE SILO - SEE SITE SHEETS (ANY PAINTED SIGNAGE BY OWNER)
05.10 PRE-FINISHED METAL SOFFIT PANEL	Division 12 - Furnishings
05.11 METAL FRAMING AS REOD	12.01 XXX
05.12 HEADER - REF. STRUCT.	Division 13 - Special Construction
05.13 COLD ROLLED METAL JOISTS @ 16" O.C. (SIZE AS INDIC'D) - REF. STRUCT.	13.01 2"x2"x9 S.S. WOVEN WIRE MESH W/ BLACK OXIDE FINISH - SEE TYP. DETAIL F/SA7.1
05.14 PRE-FINISHED HORIZONTAL METAL PANEL SIDING	13.02 CAGEWORK; 3/4" LACING BAR - SEE DETAILS FOR STANDOFF LOGNS.
05.15 PRE-FINISHED VERTICAL METAL PANEL SIDING	13.03 CAGEWORK; SEE CAGEWORK SHEETS
05.16 PRE-FINISHED STANDING SNAP ON SEAM CURVED METAL ROOF	13.04 SIGNAGE (BY OWNER) - COORDINATE MOUNTING & ELECTRICAL REQUIREMENTS
05.17 GALV. CORRUGATED METAL ROOFING	Division 14 - Conveying Systems
05.18 FURRING PER METAL SIDING MANUF. RECOMENDATION	14.01 XXX
05.19 PRE-FINISHED MTL. FLASHING	Division 15 - Mechanical
05.20 PRE-FINISHED MTL. SILL FLASHING	15.01 HVAC UNIT / EQUIPMENT / DUCT - REF. MECH.
05.21 PRE-FINISHED MTL. FASCIA	15.02 PLUMBING EQUIPMENT / LINE / FLOOR DRAIN - REF. PLUMB'G
05.22 PRE-FINISHED MTL. PARAPET FLASHING	15.03 HOSEBIB - REF. PLUMB'G
05.23 PRE-FIN. METAL GUTTER OR CONDUCTOR HEAD & DOWNSPOUT	15.04 BEAR YARD FAN & DUCTWORK: MAIN DUCT IS 8" PVC PIPE W/ 3" PVC PIPE VENTS @ 12" O.C.; DUCTWORK CAST INTO CONC. WALL. REFERENCE MECHANICAL SHEETS FOR FAN EQUIPMENT.
05.24 GALV. 8" HALF ROUND GUTTER & 3" DIA. DOWNSPOUT	15.05 12" LAYER CRUSHED CLEAR STONE, SURROUNDED BY NON-WOVEN GEO-TEXTILE FABRIC W/ SLOTTED DRAIN TILE
05.25 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	Division 16 - Electrical
Division 06 - Wood & Plastics	16.01 LIGHT FIXTURE - REF. ELECT.
06.01 BLOCKING, 2X OR SIZE AS INDIC'D	16.02 ELECTRICAL OUTLET - REF. ELECT.
06.02 WOOD TRIM, 1X OR SIZE AS INDIC'D - SEE SPEC	16.03 LIGHT SWITCH - REF. ELECT.
06.03 WOOD BEAM / JOISTS - REF. STRUCT.	
06.04 WOOD COLUMN - REF. STRUCT.	
06.05 PLYWOOD SHEATHING - 5/8" OR SIZE AS INDIC'D	
06.06 1/2" GLASS-MAT ROOF COVER BD.	
06.07 1/2" GLASS-MAT SHEATHING SHEATHING	
06.08 ROOF SHEATHING - REF. STRUCT.	
06.09 2x FASCIA OR SIZE AS INDIC'D	
06.10 6" CEDAR SHIPLAP SIDING ON 1X SLEEPERS	
06.11 CEDAR TRIM	
06.12 2x10	
06.13 1x8	
06.14 2x10	
06.15 SEE SITE SHEETS	
06.16 02.01	
Division 07 - Thermal & Moisture	
07.01 FULLY ADHERED T.P.O. MEMBRANE ROOFING	
07.02 FULLY ADHERED T.P.O. FLASHING STRIP	
07.03 TERMINATION BAR	
07.04 SEALANT	
07.05 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)	
07.06 RIGID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)	
07.07 TAPERED INSULATION, 1/2" MIN.	
07.08 ICE & WATER SHIELD	
07.09 WEATHER BARRIER	



WDM Architects P.A.
105 North Washington
Wichita, KS 67202-2815
T 316.262.4700
F 316.262.0002
wdmarchitects.com

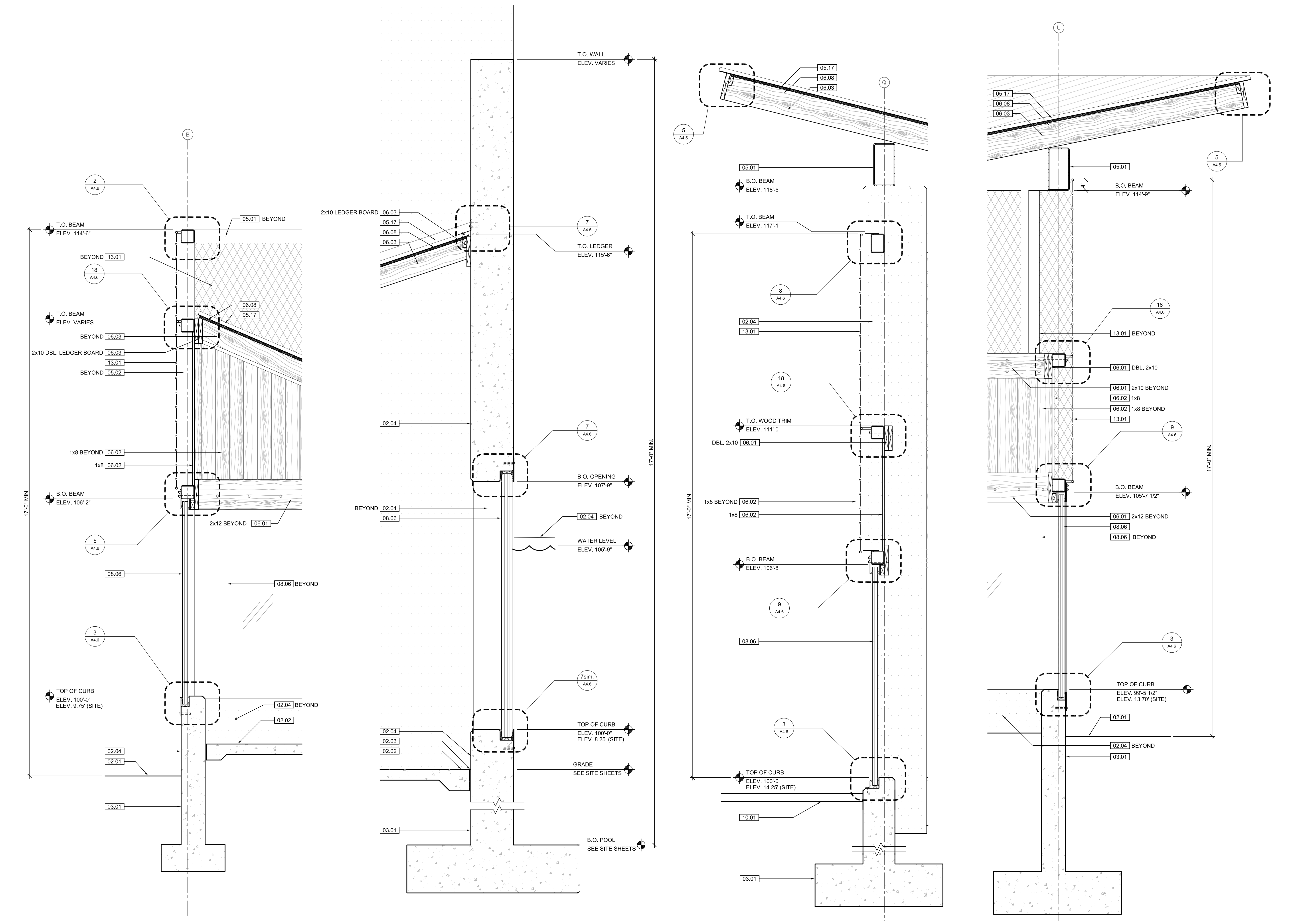
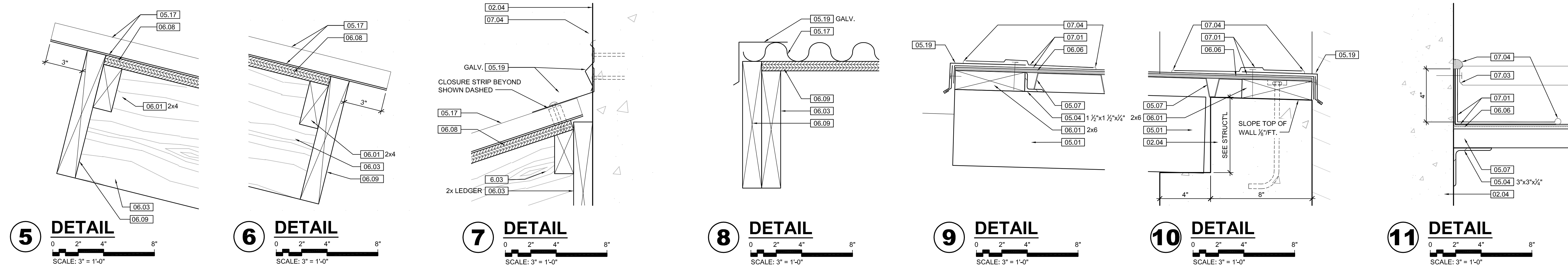


ARCCTIC ANIMAL EXHIBIT AND CONCESSIONS
RFB No. 313086
County of Dane
Department of Public Works
1979 Alliant Energy Center Way
Madison, Wisconsin

PRINTS ISSUED
07.26.2013 - Schematic Design
08.23.2013 - Design Development
09.23.2013 - 65% CD's
10.07.2013 - Pricing Set
10.21.2013 - 95% CD's
11.13.2013 - Bid Documents

WDM No. 13046 drawn: DS
checked: SR
BEAR TRAINING WALL ELEV.

A4.4



KEYNOTE LEGEND:
BUILDING ELEVATIONS, SECTIONS, WALL SECTIONS, & DETAILS

Division 01 - Existing Construction 01.01 XXX	07.10 BATT INSULATION: R-19 MIN. TYPICAL, OR AS NOTED
Division 02 - Site Construction 02.01 GRADE - SEE SITE SHEETS	07.11 FOUNDATION INSULATION 48" BELOW GRADE
02.02 SIDEWALK OR SITE PAVING - SEE SITE SHEETS	07.12 EXPANSION JOINT
02.03 1/2" E.J. W/ 1/2" FIBER BD. & SELF LEVELING SEALANT	07.13 E.J. MATERIAL
02.04 SITE WALL - SEE SITE SHEETS	07.14 COLD APPLIED WATER PROOFING
02.05 SITE STAIR / RAMP / DOCK - SEE SITE SHEETS	07.15 6" EXPANDABLE WATER STOP
02.06 CONTAINMENT FENCE - SEE SITE SHEETS	07.16 1/2" RIGID EPS INTERIOR INSULATION WITH FURRING AS REQUIRED
02.07 TRENCH DRAIN - SEE SITE SHEETS	07.17 SPRAY FOAM INSULATION R-30
02.08 HANDRAIL - SEE SITE SHEETS	Division 08 - Doors & Windows 08.01 HOLLOW METAL DOOR / FRAME - SEE DOOR SCHEDULE
Division 03 - Concrete 03.01 CONC. FOUNDATION / FOOTING - REF. STRUCTL.	08.02 F.R.P. DOOR / FRAME - SEE DOOR SCHEDULE
03.02 PRE-CAST CONCRETE WALL - REF. STRUCTL.	08.03 HOLLOW METAL WINDOW - SEE WINDOW TYPES
03.03 PRE-CAST HOLLOW CORE CONC. ROOF SLAB - REF. STRUCTL.	08.04 STOREFRONT WINDOW / DOOR - SEE WINDOW TYPES
03.04 CAST-IN-PLACE CONCRETE WALL - REF. STRUCTL.	08.05 PRE-FINISHED BREAK METAL - MATCH STOREFRONT FINISH
03.05 REINF. CONC. SLAB ON GRANULAR FILL OVER VAPOR BARRIER - REF. STRUCTL. & GEOTECH REPORT	08.06 GLASS / ACRYLIC - SEE WINDOW TYPES
03.06 GROUT FILL - REF. STRUCTL.	08.07 SKYLIGHT - SEE SPEC.
Division 04 - Masonry 04.01 CMU - 8"x8"x16" NORMAL WEIGHT (OR AS NOTED) - REF. STRUCTL.	Division 09 - Finishes 09.01 1/2" GYP. BD. (OR AS INDICATED)
Division 05 - Metals 05.01 STEEL BEAM / JOIST / TRUSS - REF. STRUCTL.	09.02 LAY-IN CEILING - SEE R.C.P.
05.02 STEEL COLUMN - REF. STRUCTL.	09.03 MILLWORK / CASEWORK - SEE MILLWORK SHEETS
05.03 STEEL TUBE (SIZE AS NOTED) - REF. STRUCTL.	09.04 SOLID SURFACE - SEE FIN. SCHED.
05.04 STEEL ANGLE (SIZE AS NOTED) - REF. STRUCTL.	09.05 PAINT
05.05 STEEL PLATE (SIZE AS NOTED) - REF. STRUCTL.	Division 10 - Specialties 10.01 THEMWORK - SEE THEMWORK SHEETS
05.06 STEEL LINTEL - REF. STRUCTL.	10.02 SNOW GUARDS - PER MANUF. RECOMMENDED LAYOUT - COLOR TO MATCH ROOF
05.07 METAL ROOF DECK - REF. STRUCTL.	Division 11 - Equipment 11.01 KITCHEN EQUIPMENT - SEE KITCHEN EQUIPMENT SHEETS
05.08 3 1/2" METAL STUD FRAMING @ 16" O.C. - REF. STRUCTL.	11.02 EQUIPMENT BY OWNER - N.I.C.
05.09 6" METAL STUD FRAMING @ 16" O.C. - REF. STRUCTL.	11.03 WATER STORAGE SILO - SEE SITE SHEETS (ANY PAINTED SIGNAGE BY OWNER)
05.10 PRE-FINISHED METAL SOFFIT PANEL	Division 12 - Furnishings 12.01 XXX
05.11 METAL FRAMING AS REQ'D	Division 13 - Special Construction 13.01 2"x2"x1/2" S.S. WOVEN WIRE MESH W/ BLACK OXIDE FINISH - SEE TYP. DETAIL F/SA7.1
05.12 HEADER - REF. STRUCTL.	13.02 CAGEWORK: 1/2" LACING BAR - SEE DETAILS FOR STANDOFF LOCNS.
05.13 COLD ROLLED METAL JOISTS @ 16" O.C. (SIZE AS INDIC'D) - REF. STRUCTL.	13.03 CAGEWORK: SEE CAGEWORK SHEETS
05.14 PRE-FINISHED HORIZONTAL METAL PANEL SIDING	13.04 SIGNAGE (BY OWNER) - COORDINATE MOUNTING & ELECTRICAL REQUIREMENTS
05.15 PRE-FINISHED VERTICAL METAL PANEL SIDING	Division 14 - Conveying Systems 14.01 XXX
05.16 PRE-FINISHED STANDING SNAP ON SEAM CURVED METAL ROOF	Division 15 - Mechanical 15.01 HVAC UNIT / EQUIPMENT / DUCT - REF. MECHL.
05.17 GALV. CORRUGATED METAL ROOFING	15.02 PLUMBING EQUIPMENT / LINE / FLOOR DRAIN - REF. PLUMB'G
05.18 FURRING PER METAL SIDING MANUF. RECOMMENDATION	15.03 HOSEBIB - REF. PLUMB'G
05.19 PRE-FINISHED MTL. FLASHING	15.04 BEAR YARD FAN & DUCTWORK: MAIN DUCT IS 8" PVC PIPE W/ 3" PVC PIPE VENTS @ 12" O.C. - DUCTWORK CAST INTO CONC. WALL. REFERENCE MECHANICAL SHEETS FOR FAN EQUIPMENT.
05.20 PRE-FINISHED MTL. SILL FLASHING	15.05 12" LAYER CRUSHED CLEAR STONE, SURROUNDED BY NON-WOVEN GEO-TEXTILE FABRIC W/ SLOTTED DRAIN TILE
05.21 PRE-FINISHED MTL. FASCIA	Division 16 - Electrical 16.01 LIGHT FIXTURE - REF. ELECTL.
05.22 PRE-FINISHED MTL. PARAPET FLASHING	16.02 ELECTRICAL OUTLET - REF. ELECTL.
05.23 PRE-FIN. METAL GUTTER OR CONDUCTOR HEAD & DOWNSPOUT	16.03 LIGHT SWITCH - REF. ELECTL.
05.24 GALV. 6" HALF ROUND GUTTER & 2" DIAM. DOWNSPOUT	
05.25 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	
Division 06 - Wood & Plastics 06.01 BLOCKING, 2X OR SIZE AS INDIC'D	
06.02 WOOD TRIM, 1X OR SIZE AS INDIC'D - SEE SPEC	
06.03 WOOD BEAM / JOISTS - REF. STRUCTL.	
06.04 WOOD COLUMN - REF. STRUCTL.	
06.05 PLYWOOD SHEATHING - 3/4" OR SIZE AS INDIC'D	
06.06 1/2" GLASS-MAT ROOF COVER BD.	
06.07 3/4" GLASS-MAT SHEATHING SHEATHING	
06.08 ROOF SHEATHING - REF. STRUCTL.	
06.09 2x FASCIA OR SIZE AS INDIC'D	
06.10 4" CEDAR SHIP LAP SIDING ON 1X SLEEPERS	
06.11 CEDAR TRIM	
Division 07 - Thermal & Moisture 07.01 FULLY ADHERED T.P.O. MEMBRANE ROOFING	
07.02 FULLY ADHERED T.P.O. FLASHING STRIP	
07.03 TERMINATION BAR	
07.04 SEALANT	
07.05 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)	
07.06 ACID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)	
07.07 TAPERED INSULATION, 1/2" MIN.	
07.08 ICE & WATER SHIELD	
07.09 WEATHER BARRIER	

wcm
ARCHITECTS
 WDM Architects P.A.
 105 North Washington
 Wichita, KS 67202-2815
 T 316.262.4700
 F 316.262.0002
 wdmarchitects.com

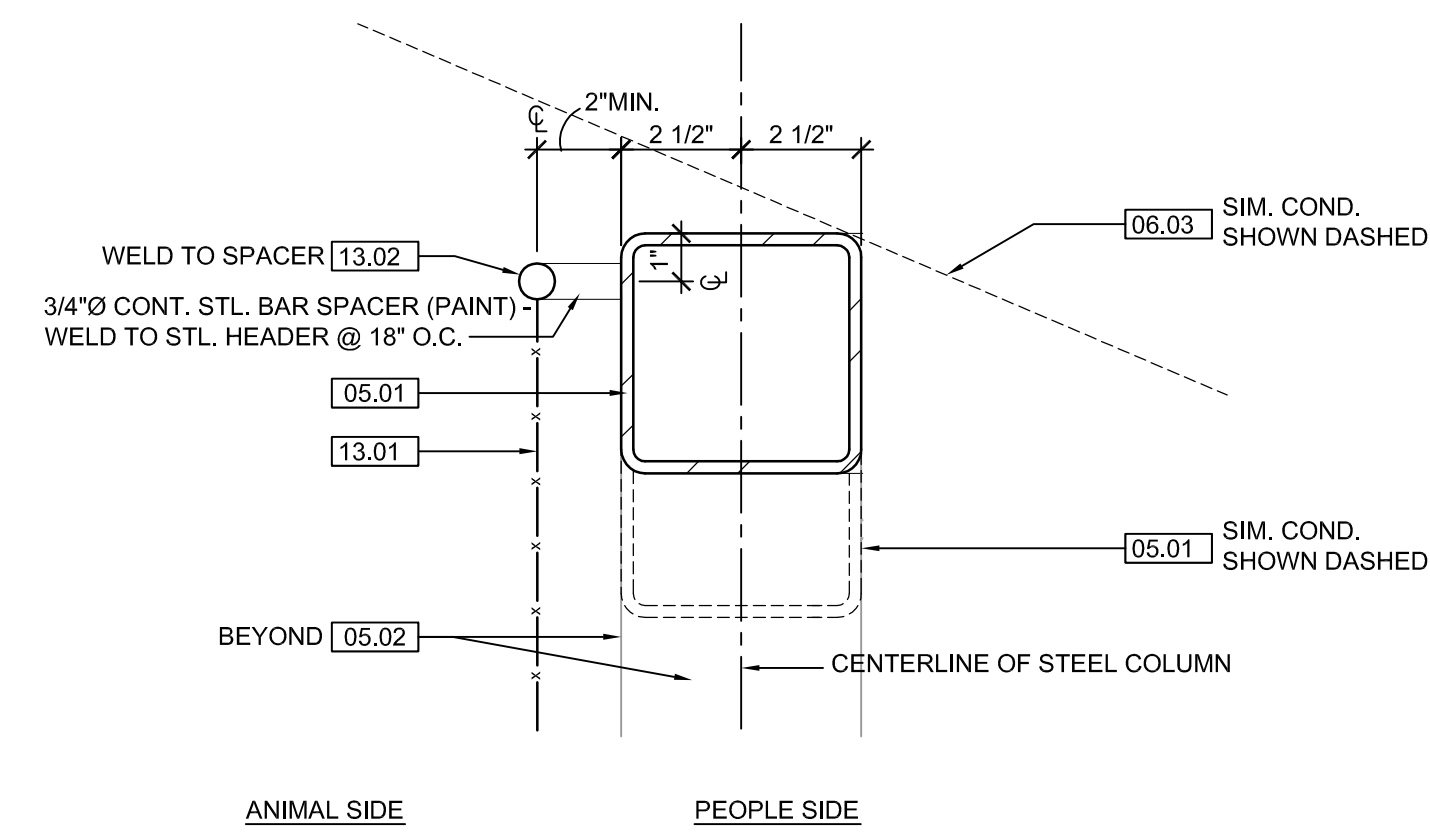
we do more
henry vilas
ZOO

ARCTIC ANIMAL EXHIBIT AND CONCESSIONS
 RFB No. 313086
 Henry Vilas Zoo - County of Dane
 Department of Public Works
 Henry Vilas Zoo
 702 S Randall Ave
 Madison, Wisconsin
 1919 Alliant Energy Center Way
 Madison, Wisconsin

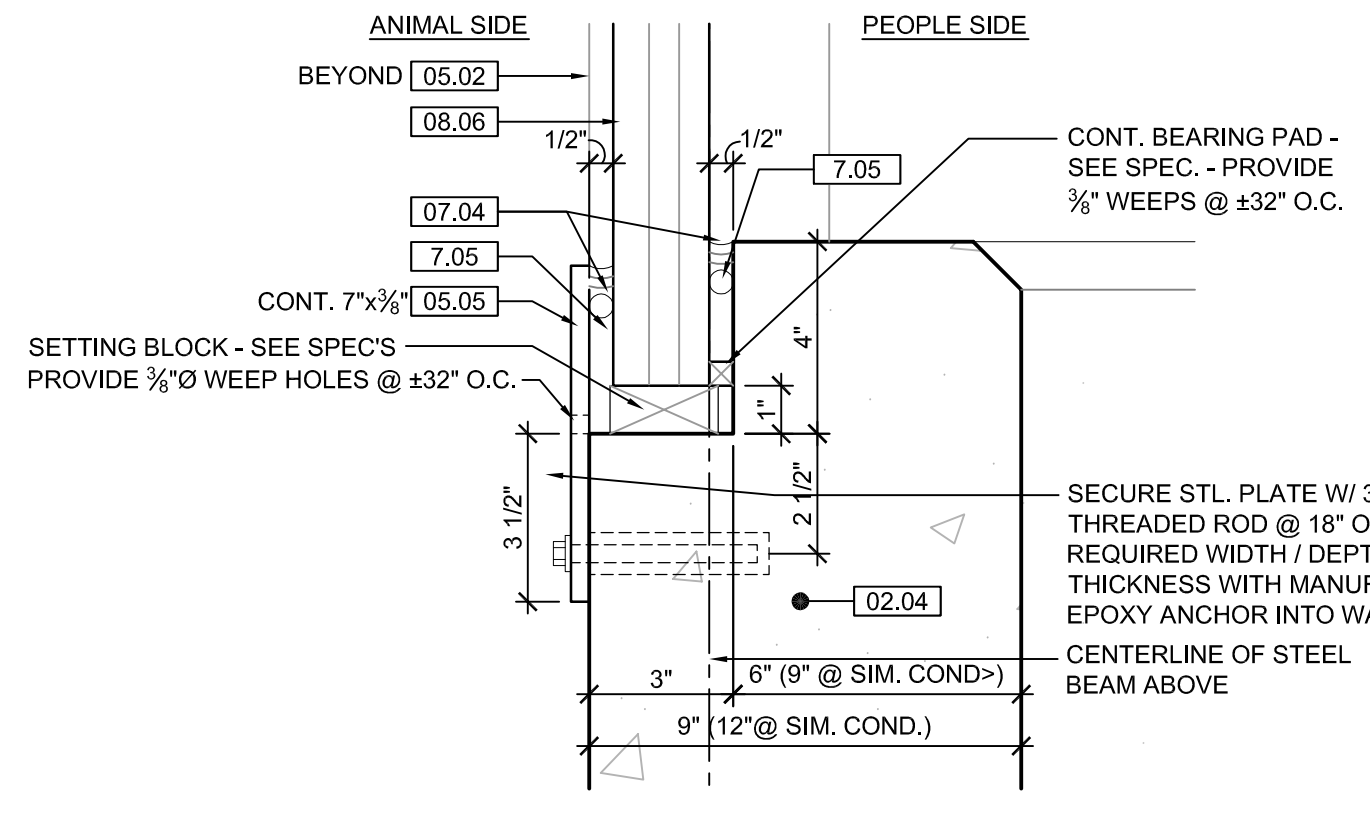
PRINTS ISSUED
 07.26.2013 - Schematic Design
 08.23.2013 - Design Development
 09.23.2013 - 65% CD's
 10.07.2013 - Pricing Set
 10.21.2013 - 95% CD's
 11.13.2013 - Bid Documents

WDM No. drawn: DS
13046 checked: SR
 VIEWING WALL SECTIONS

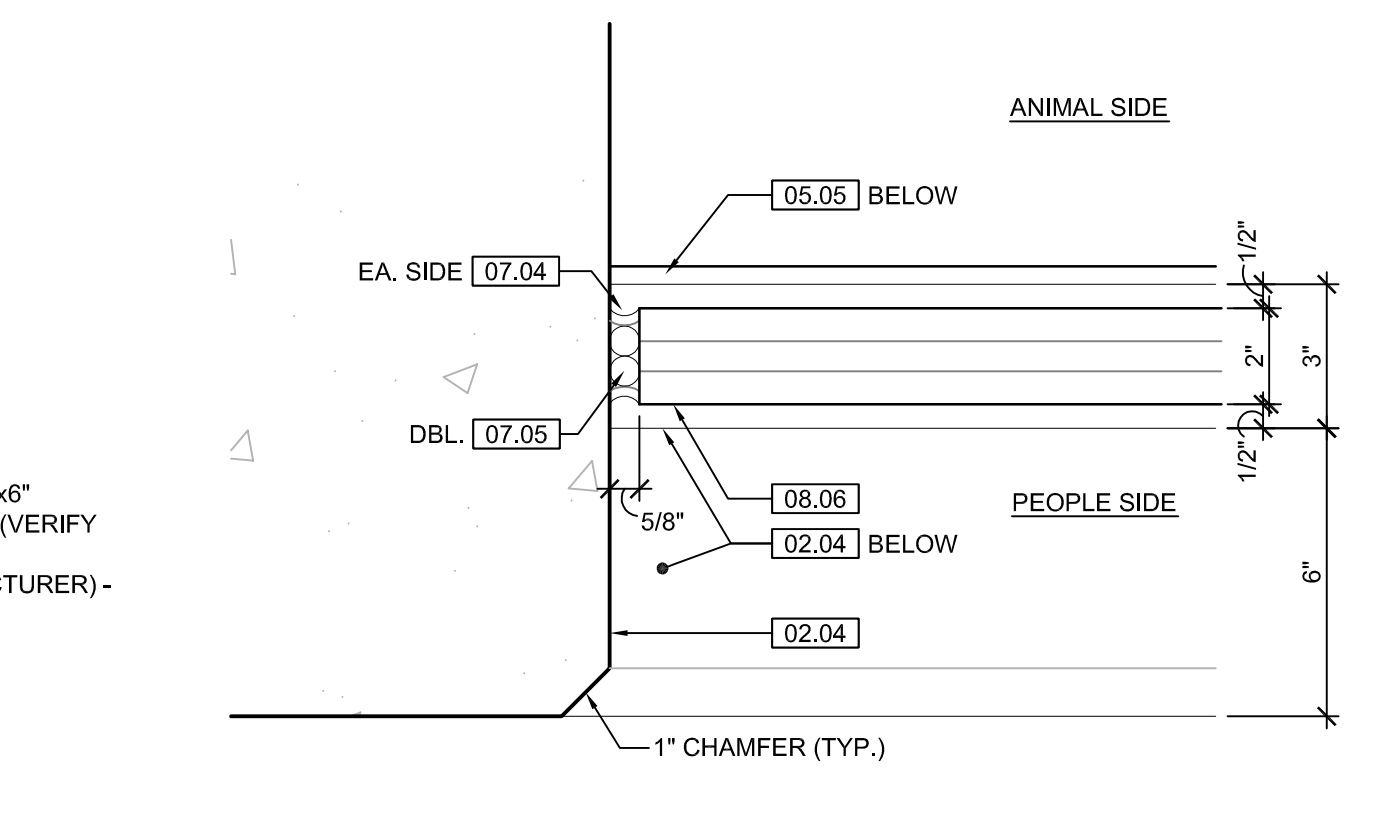
A4.5



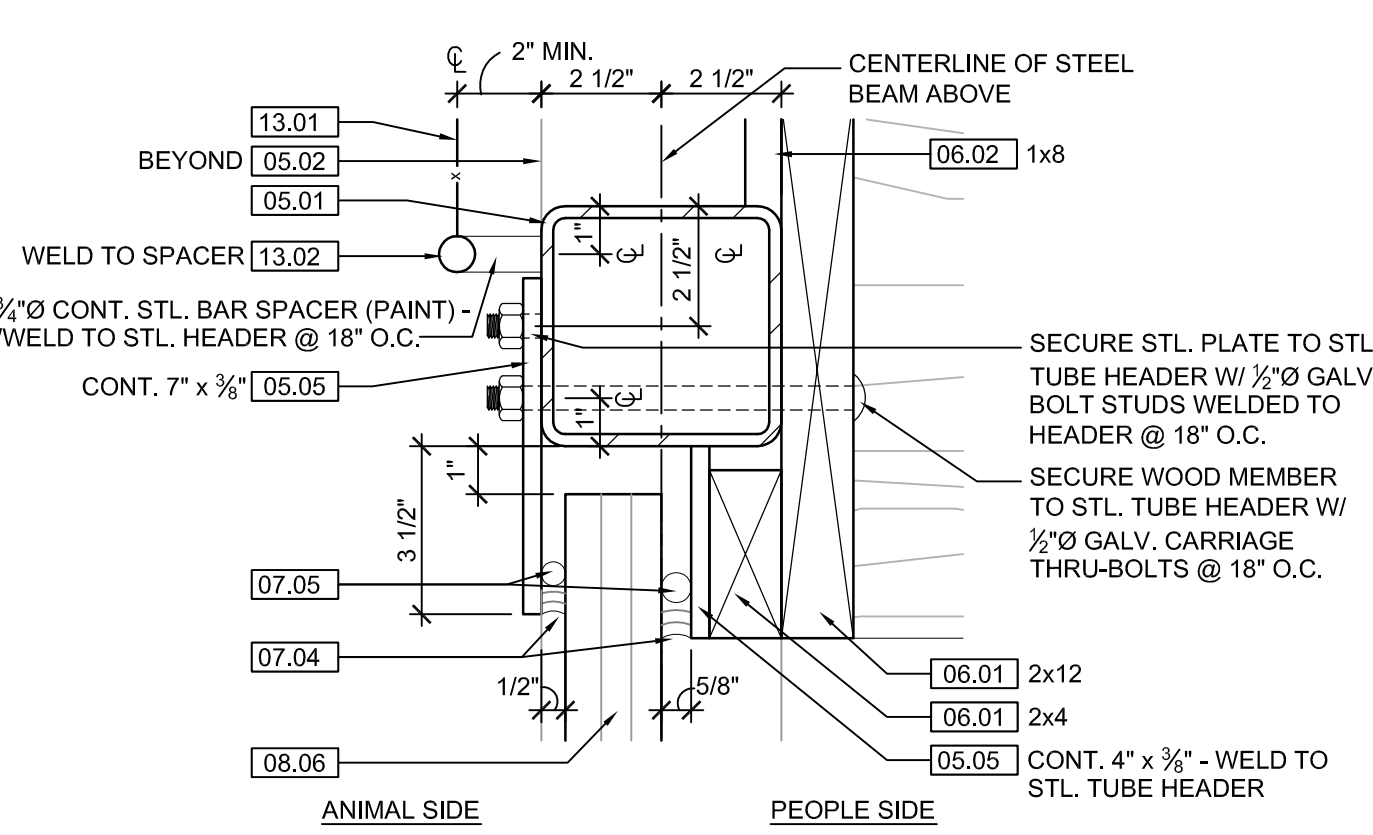
2 BLDG. DETAIL
SCALE: 3" = 1'-0"



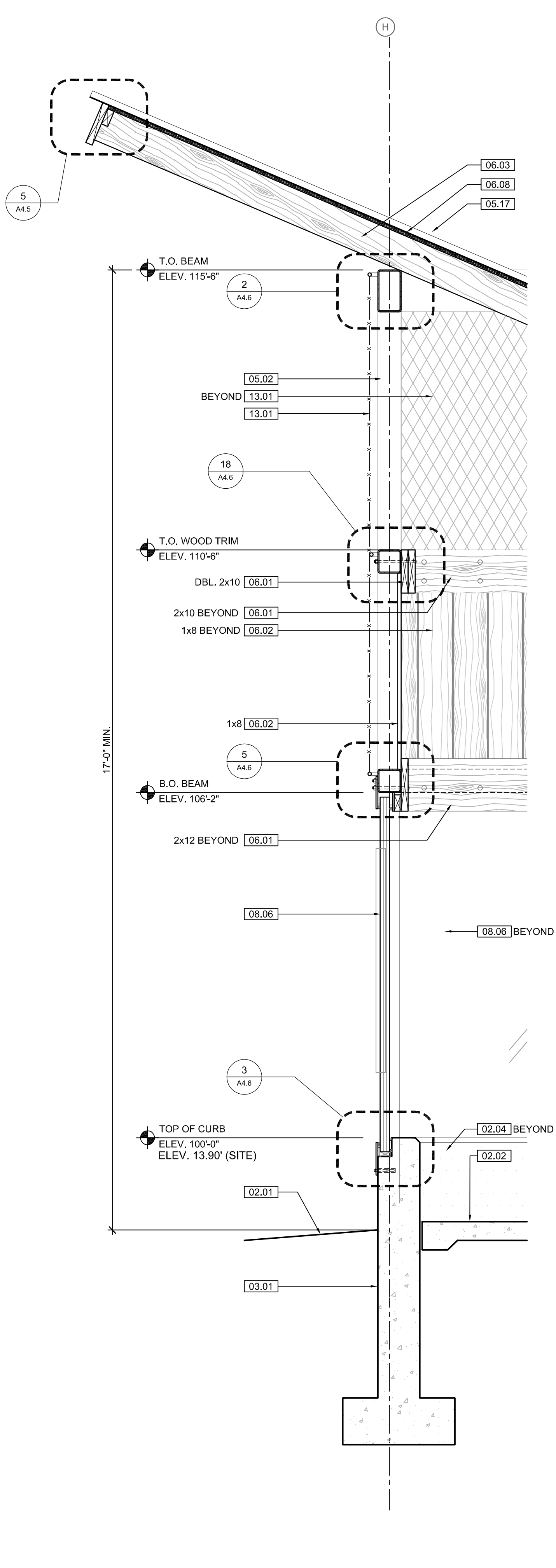
3 SILL DETAIL
SCALE: 3" = 1'-0"



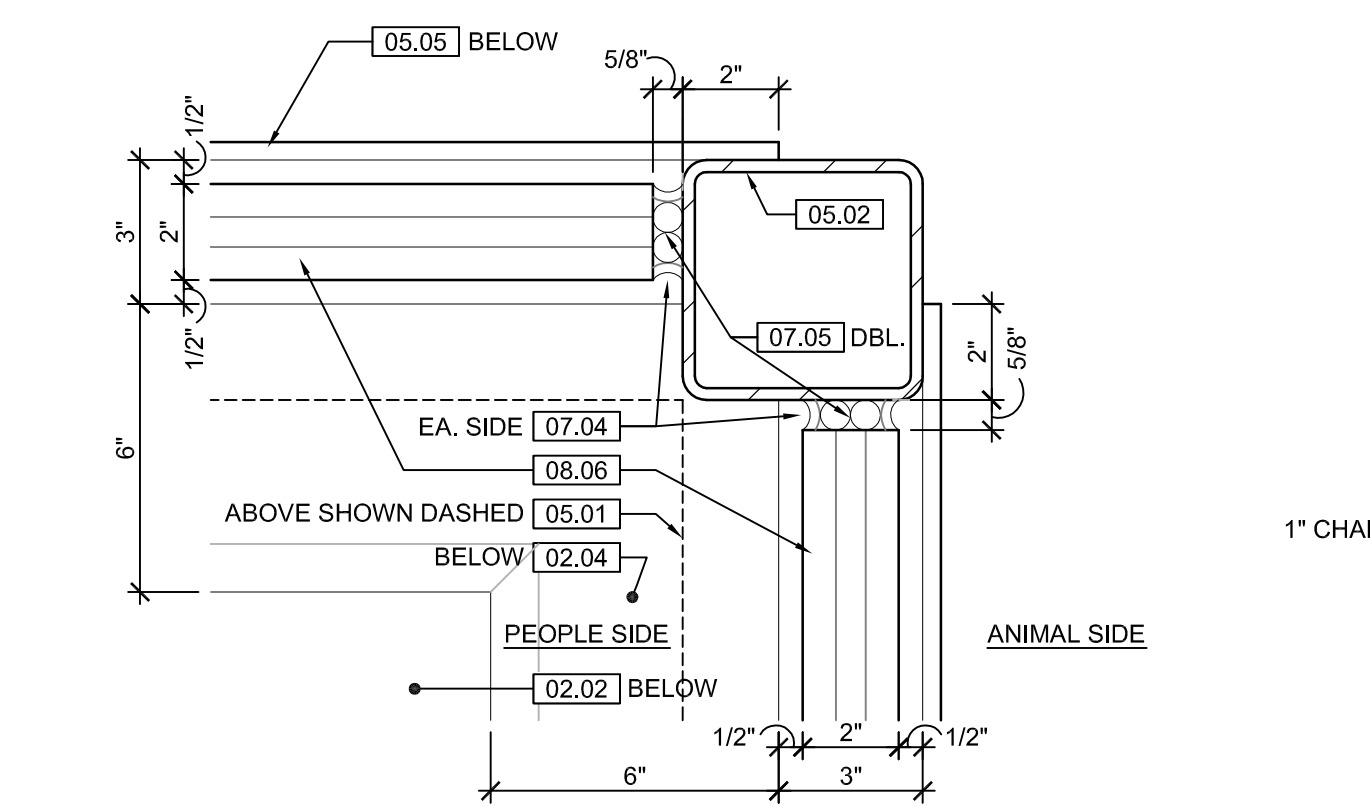
4 JAMB DETAIL
SCALE: 3" = 1'-0"



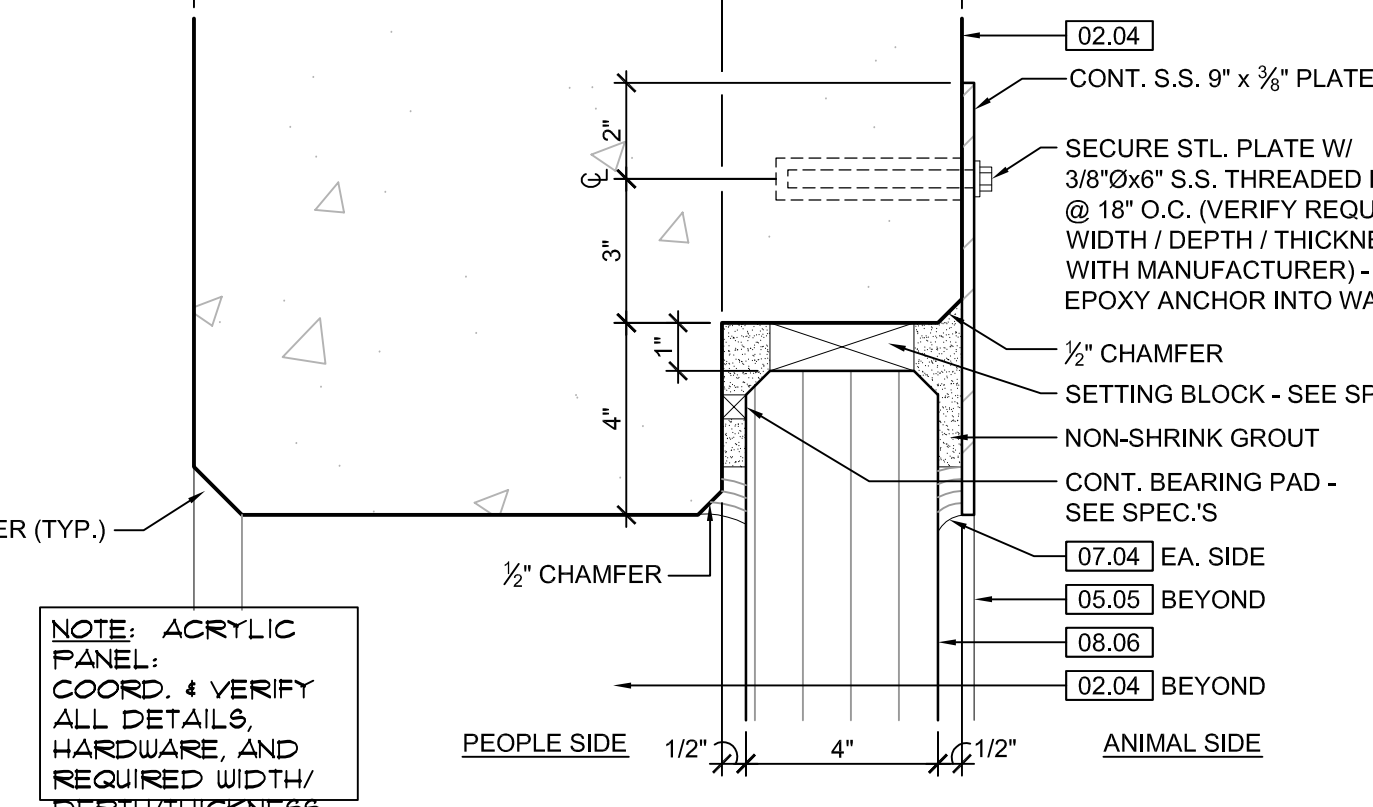
5 HEAD DETAIL
SCALE: 3" = 1'-0"



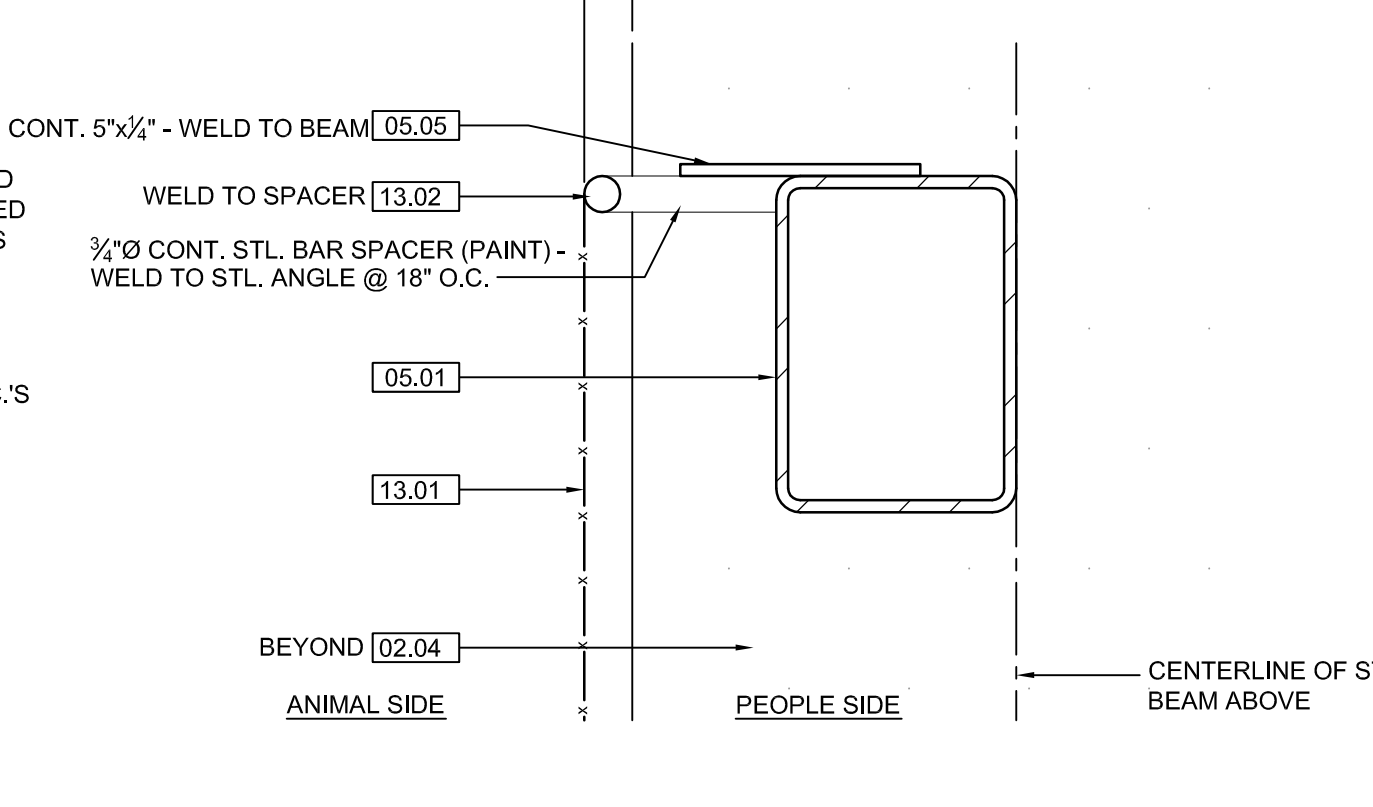
1 WALL SECTION
SCALE: 3/4" = 1'-0"



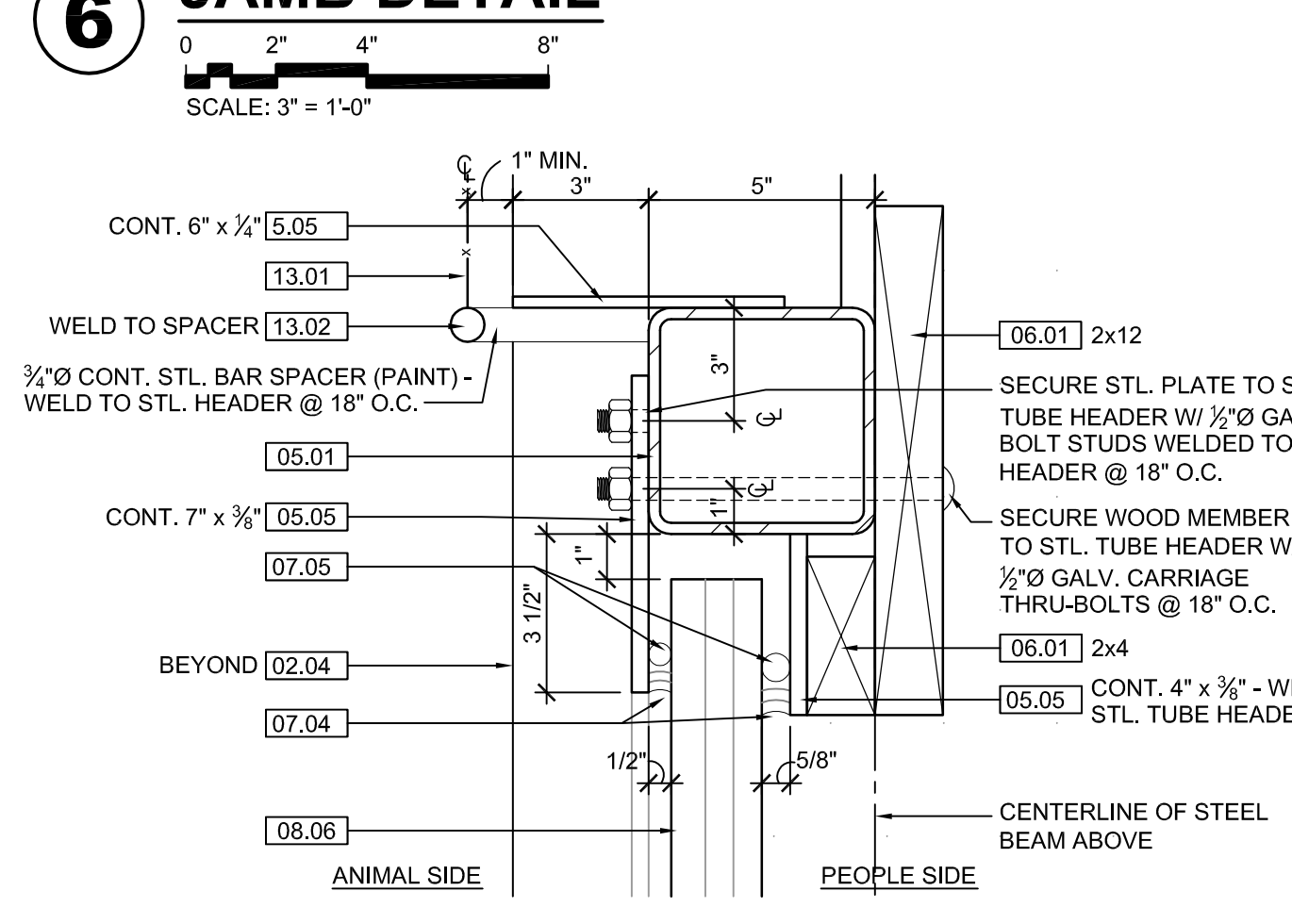
6 JAMB DETAIL
SCALE: 3" = 1'-0"



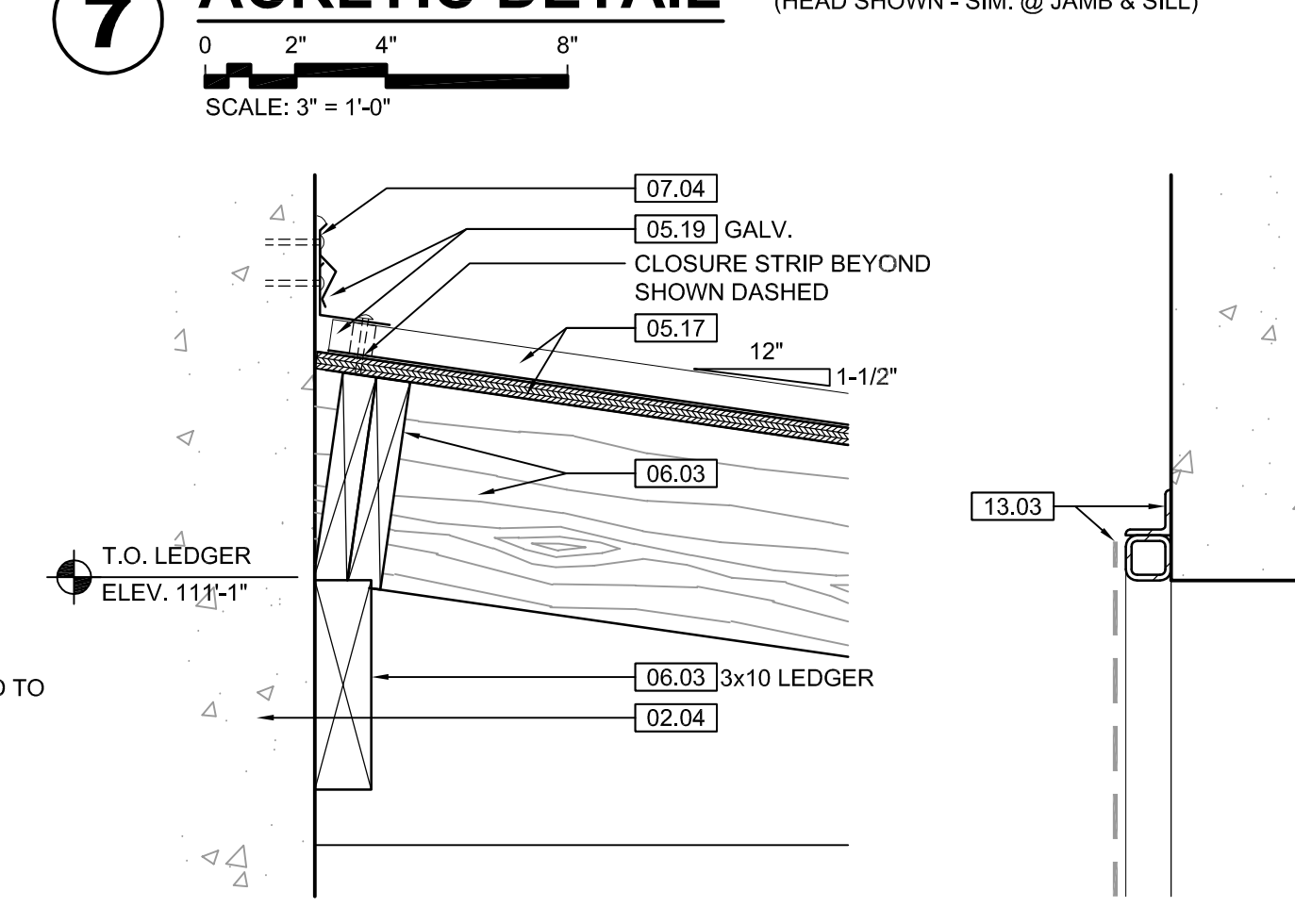
7 ACRYLIC DETAIL
SCALE: 3" = 1'-0"



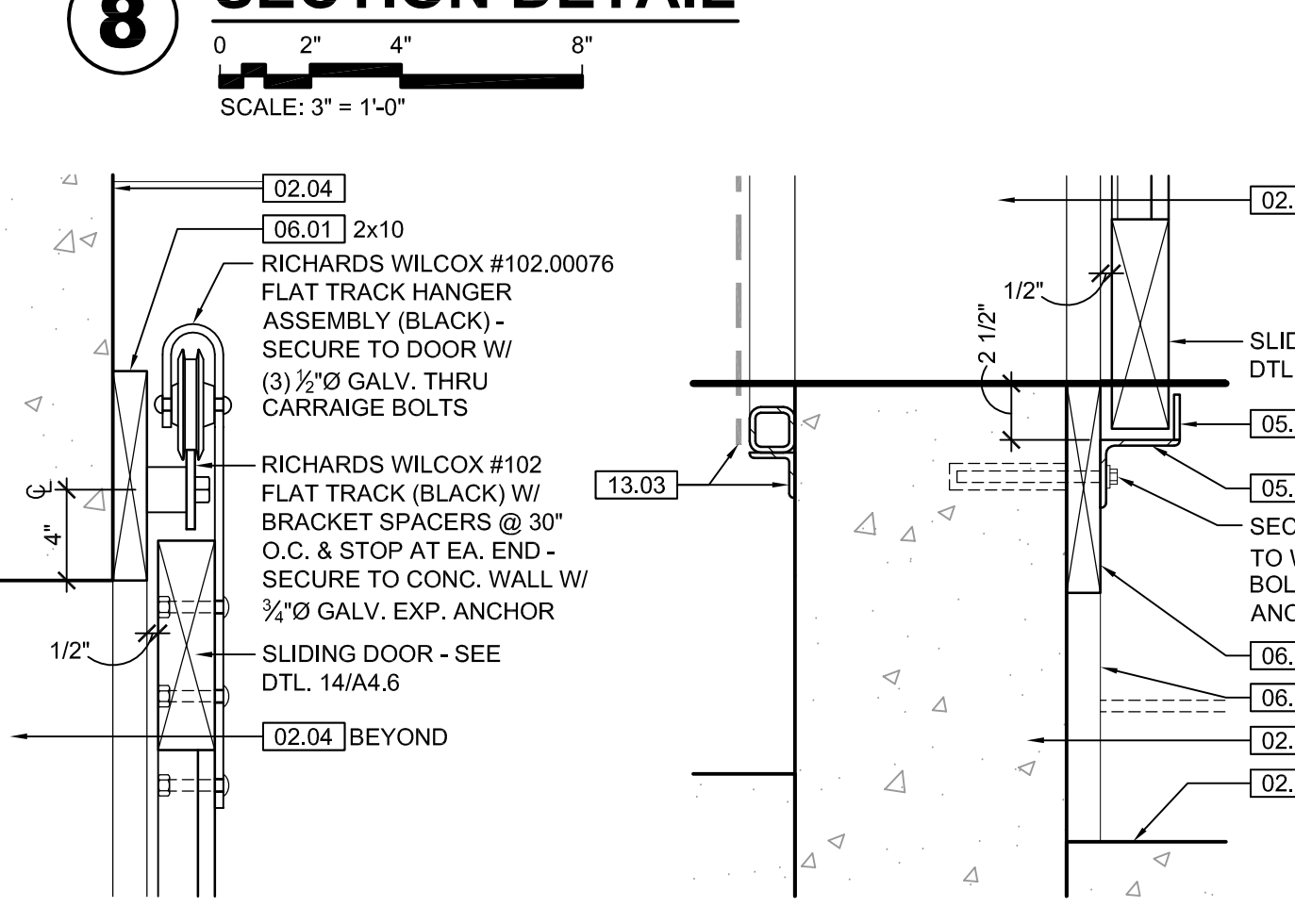
8 SECTION DETAIL
SCALE: 3" = 1'-0"



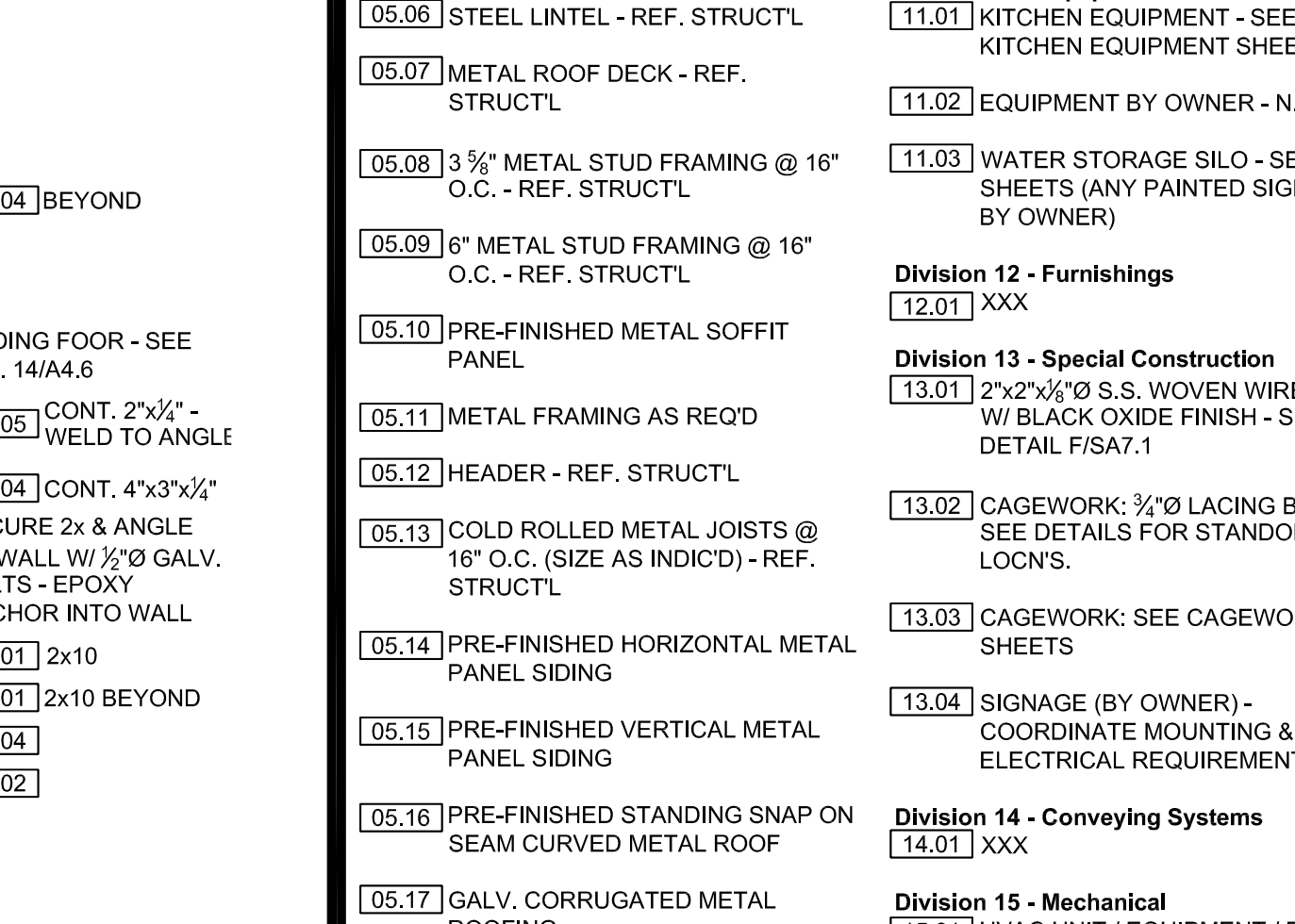
9 HEAD DETAIL
SCALE: 3" = 1'-0"



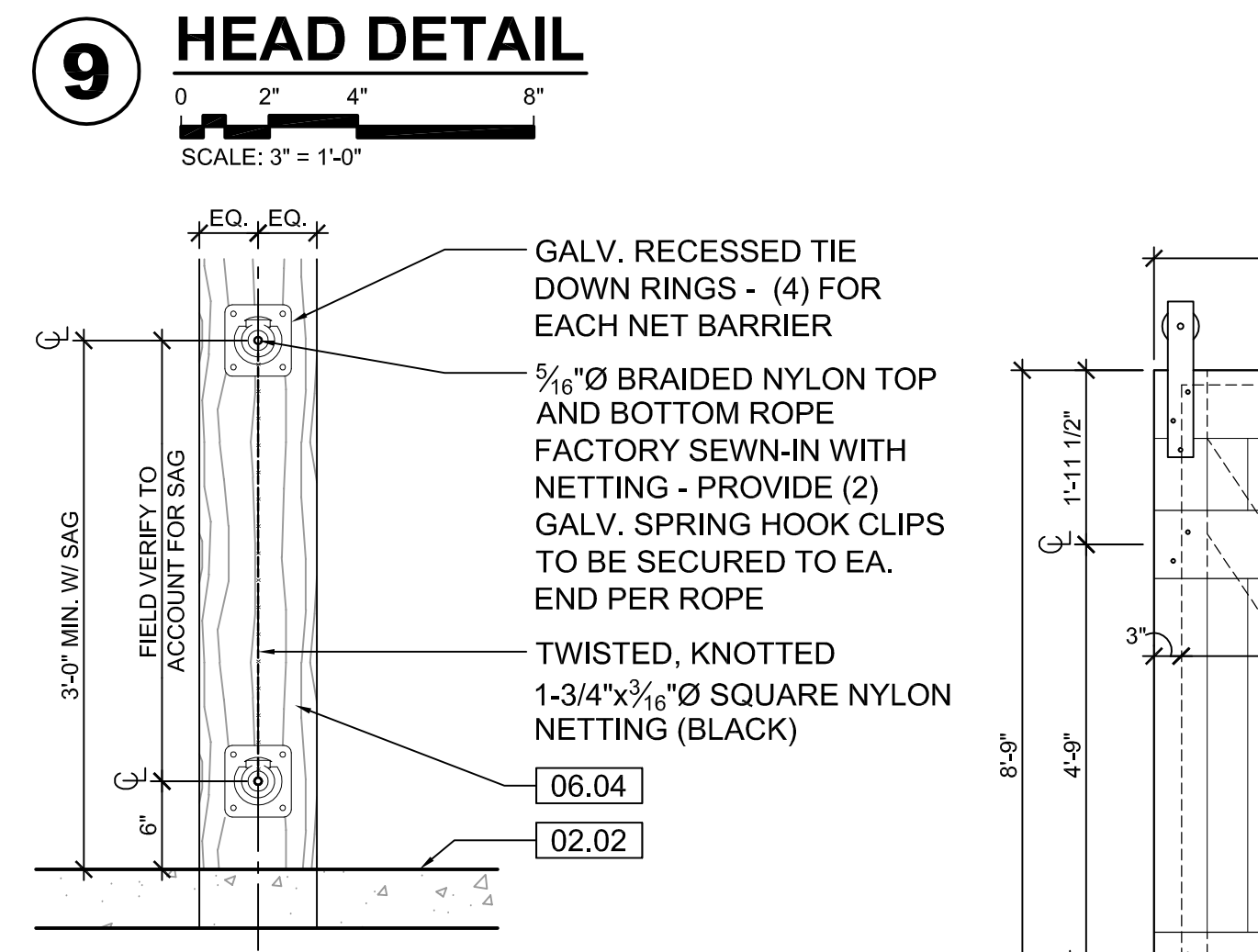
10 SECTION DETAIL
SCALE: 1-1/2" = 1'-0"



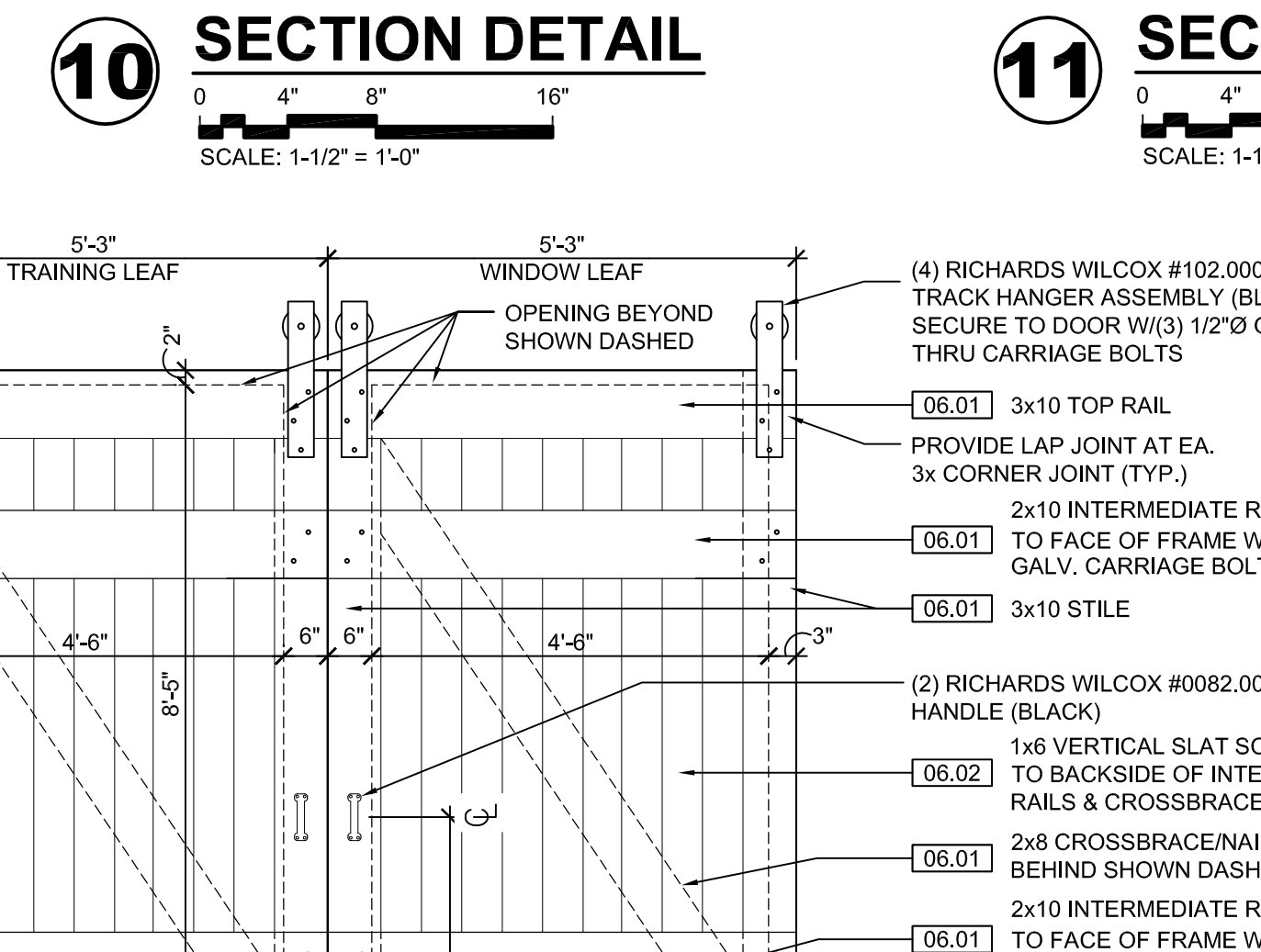
11 SECTION DETAIL
SCALE: 1-1/2" = 1'-0"



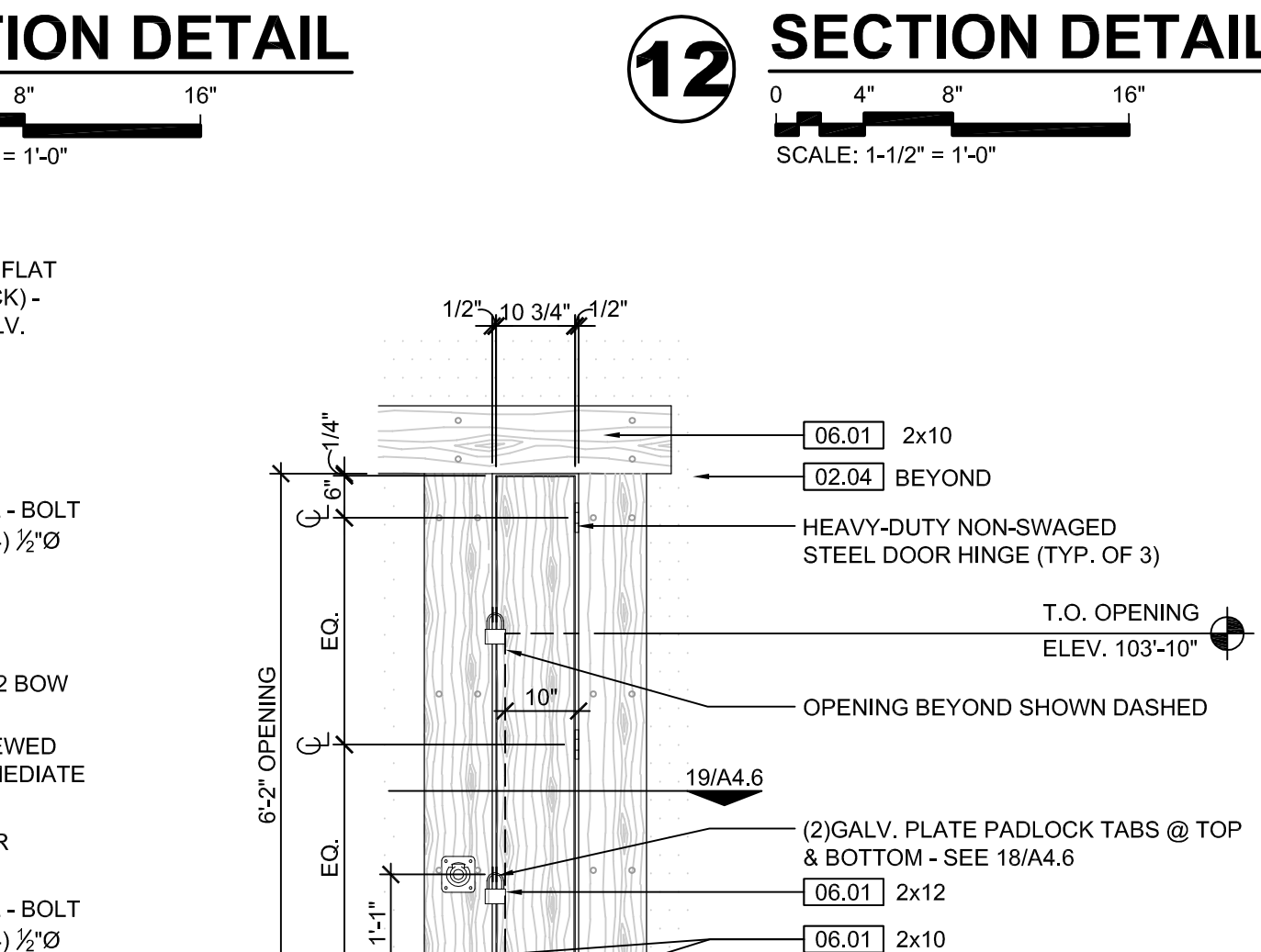
12 SECTION DETAIL
SCALE: 1-1/2" = 1'-0"



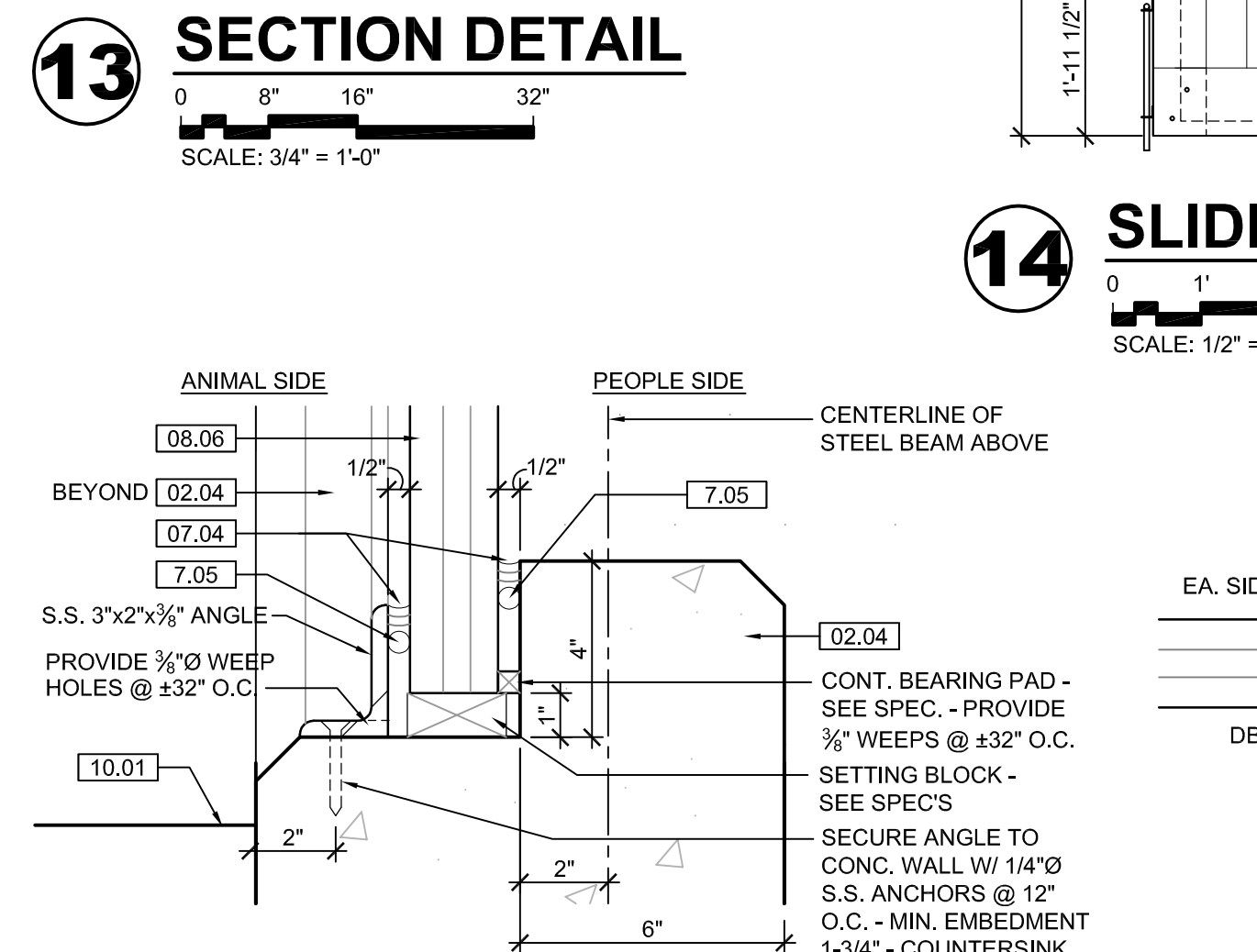
13 SECTION DETAIL
SCALE: 3/4" = 1'-0"



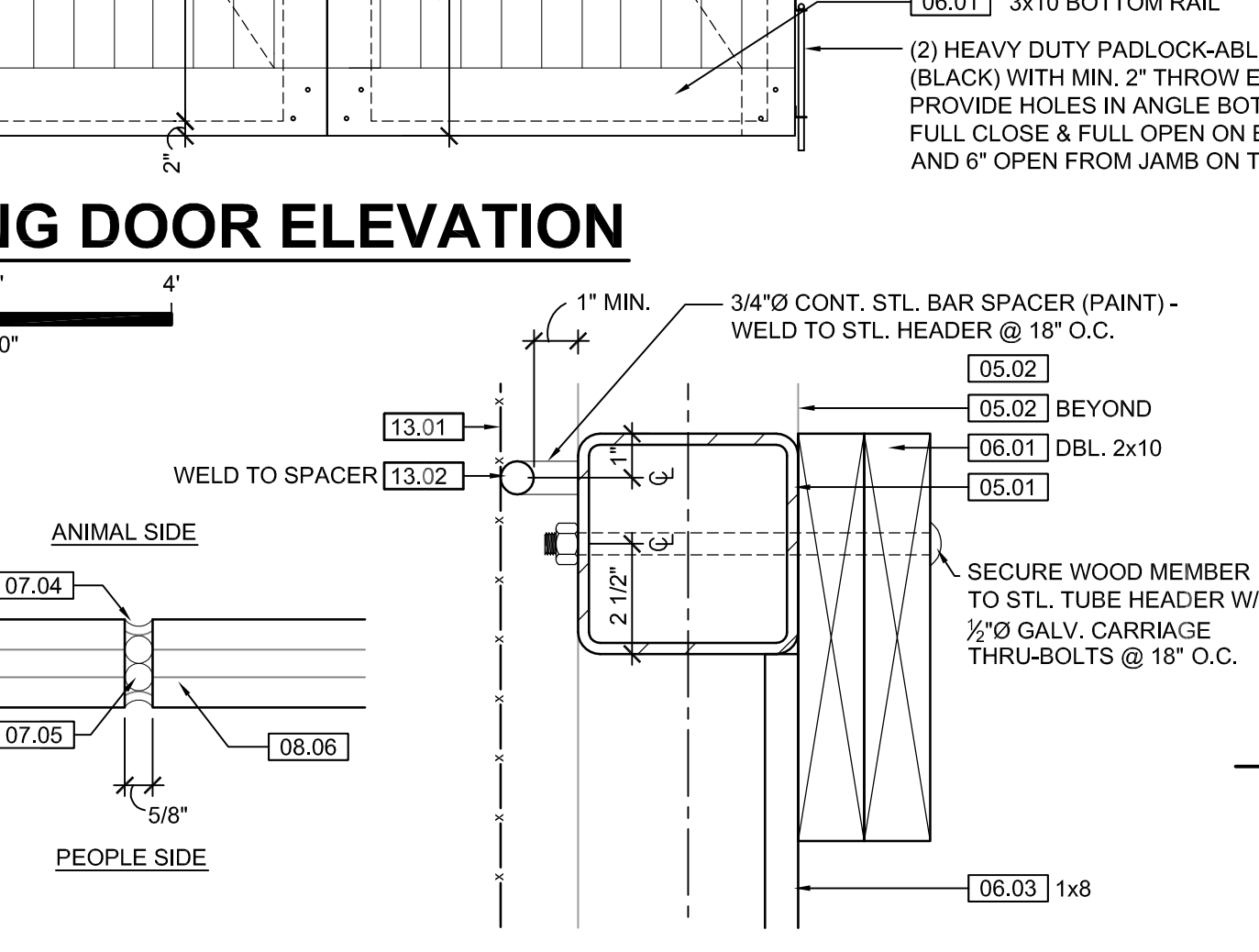
14 SLIDING DOOR ELEVATION
SCALE: 1/2" = 1'-0"



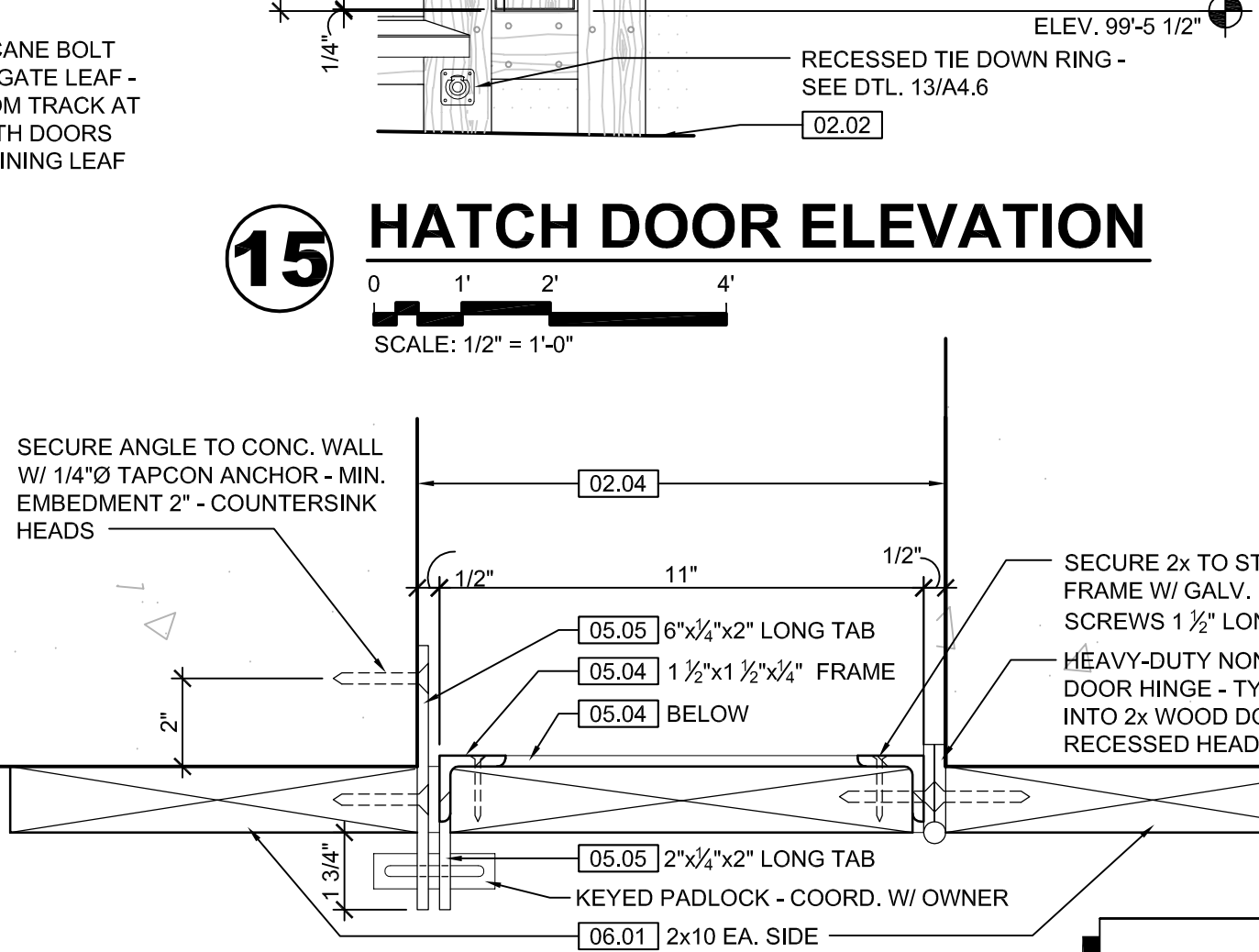
15 HATCH DOOR ELEVATION
SCALE: 1/2" = 1'-0"



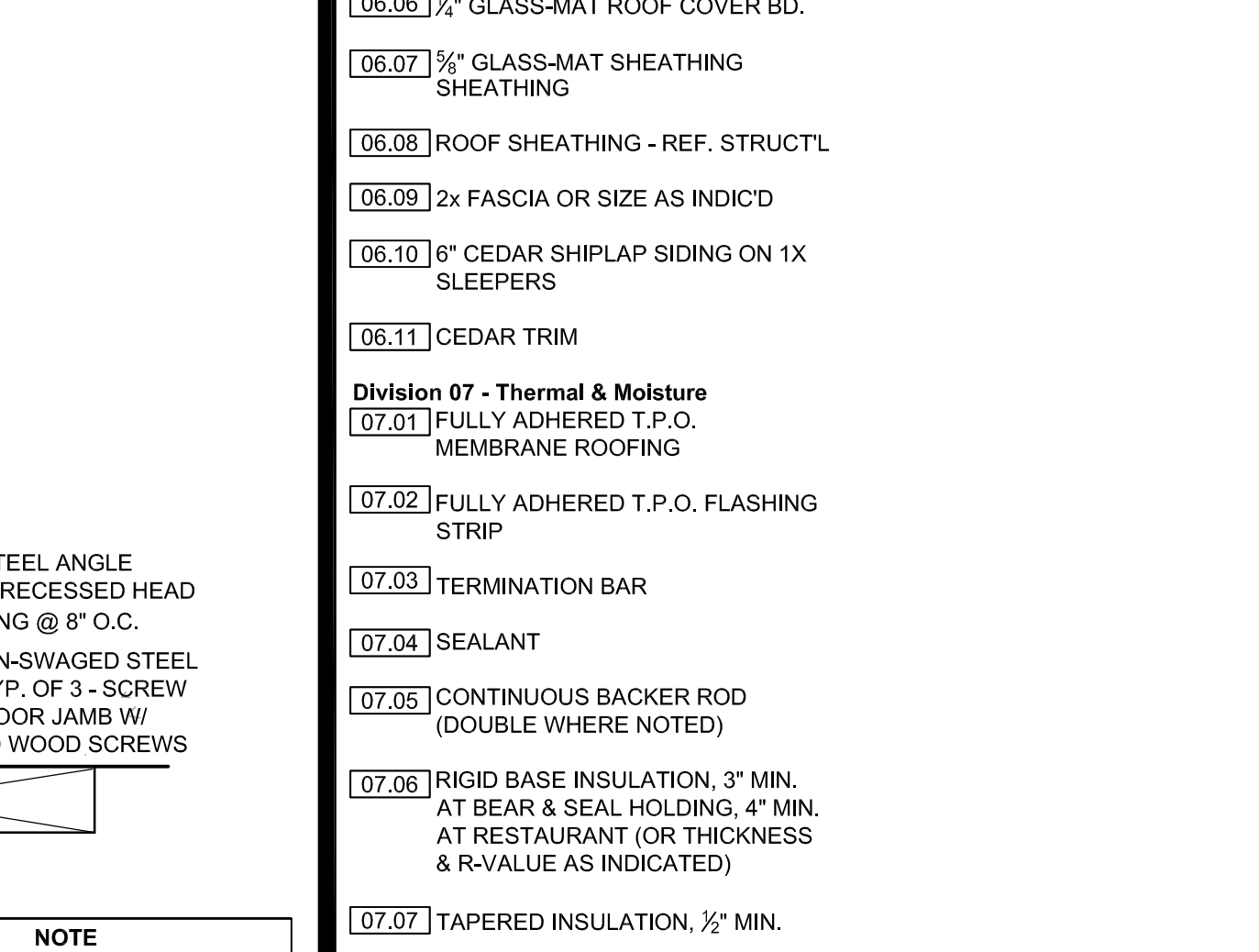
16 SILL DETAIL
SCALE: 3" = 1'-0"



17 GLASS DETAIL
SCALE: 3" = 1'-0"



18 SECTION DETAIL
SCALE: 3/4" = 1'-0"



19 HATCH DOOR DETAIL
SCALE: 3" = 1'-0"

KEYNOTE LEGEND:	
BUILDING ELEVATIONS, SECTIONS, WALL SECTIONS, & DETAILS	
Division 01 - Existing Construction	07.10 WALL INSULATION: R-19 MIN. TYPICAL, OR AS NOTED
01.01 XXX	07.11 FOUNDATION INSULATION 48" BELOW GRADE
Division 02 - Site Construction	07.12 EXPANSION JOINT
02.01 GRADE - SEE SITE SHEETS	07.13 E.J. MATERIAL
02.02 SIDEWALK OR SITE PAVING - SEE SITE SHEETS	07.14 COLD APPLIED WATER PROOFING
02.03 1/2" E.J. W/ 1/2" FIBER BD. & SELF LEVELING SEALANT	07.15 6" EXPANDABLE WATER STOP
02.04 SITE WALL - SEE SITE SHEETS	07.16 1/2" RIGID EPS INTERIOR INSULATION WITH FURRING AS REQUIRED
02.05 SITE STAIR / RAMP / DOCK - SEE SITE SHEETS	07.17 SPRAY FOAM INSULATION R-30
02.06 CONTAINMENT FENCE - SEE SITE SHEETS	Division 08 - Doors & Windows
02.07 TRENCH DRAIN - SEE SITE SHEETS	08.01 HOLLOW METAL DOOR / FRAME - SEE DOOR SCHEDULE
02.08 HANDRAIL - SEE SITE SHEETS	08.02 R.F.P. DOOR / FRAME - SEE DOOR SCHEDULE
Division 03 - Concrete	08.03 HOLLOW METAL WINDOW - SEE WINDOW TYPES
03.01 CONC. FOUNDATION / FOOTING - REF. STRUCT.	08.04 STOREFRONT WINDOW / DOOR - SEE WINDOW TYPES
03.02 PRE-CAST CONCRETE WALL - REF. STRUCT.	08.05 PRE-FINISHED BREAK METAL - MATCH STOREFRONT FINISH
03.03 PRE-CAST HOLLOW CORE CONC. ROOF SLAB - REF. STRUCT.	08.06 GLASS / ACRYLIC - SEE WINDOW TYPES
03.04 CAST-IN-PLACE CONCRETE WALL - REF. STRUCT.	08.07 SKYLIGHT - SEE SPEC.
03.05 REINF. CONC. SLAB ON GRANULAR FILL OVER VAPOR BARRIER - REF. STRUCT. & GEOTECH REPORT	Division 09 - Finishes
03.06 GROUT FILL - REF. STRUCT.	09.01 3/4" GYP. BD. (OR AS INDICATED)
Division 04 - Masonry	09.02 LAY-IN CEILING - SEE R.C.P.
04.01 CMU - 8"x8"x16" NORMAL WEIGHT (OR AS NOTED) - REF. STRUCT.	09.03 MILLWORK / CASEWORK - SEE MILLWORK SHEETS
Division 05 - Metals	09.04 SOLID SURFACE - SEE FIN. SCHED.
05.01 STEEL BEAM / JOIST / TRUSS - REF. STRUCT.	09.05 PAINT
05.02 STEEL COLUMN - REF. STRUCT.	Division 10 - Specialties
05.03 STEEL TUBE (SIZE AS NOTED) - REF. STRUCT.	10.01 THEMWORK - SEE THEMWORK SHEETS
05.04 STEEL ANGLE (SIZE AS NOTED) - REF. STRUCT.	10.02 SNOW GUARDS - PER MANUF. RECOMMENDED LAYOUT - COLOR TO MATCH ROOF
05.05 STEEL PLATE (SIZE AS NOTED) - REF. STRUCT.	Division 11 - Equipment
05.06 STEEL LINTEL - REF. STRUCT.	11.01 KITCHEN EQUIPMENT - SEE KITCHEN EQUIPMENT SHEETS
05.07 METAL ROOF DECK - REF. STRUCT.	11.02 EQUIPMENT BY OWNER - N.I.C.
05.08 3 1/2" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	11.03 WATER STORAGE SILO - SEE SITE SHEETS (ANY PAINTED SIGNAGE BY OWNER)
05.09 6" METAL STUD FRAMING @ 16" O.C. - REF. STRUCT.	Division 12 - Furnishings
05.10 PRE-FINISHED METAL SOFFIT PANEL	12.01 XXX
05.11 METAL FRAMING AS REQ'D	Division 13 - Special Construction
05.12 HEADER - REF. STRUCT.	13.01 2"x2"x1/8" S.S. WOVEN WIRE MESH W/ BLACK OXIDE FINISH - SEE TYP. DETAIL F/S/1
05.13 COLD ROLLED METAL JOISTS @ 16" O.C. (SIZE AS INDIC'D) - REF. STRUCT.	13.02 CAGEWORK: 1/2" LACING BAR - SEE DETAILS FOR STANDARD LOCNS.
05.14 PRE-FINISHED HORIZONTAL METAL PANEL SIDING	13.03 CAGEWORK: SEE CAGEWORK SHEETS
05.15 PRE-FINISHED VERTICAL METAL PANEL SIDING	13.04 SIGNAGE (BY OWNER) - COORDINATE MOUNTING & ELECTRICAL REQUIREMENTS
05.16 PRE-FINISHED STANDING SNAP ON SEAM CURVED METAL ROOF	Division 14 - Conveying Systems
05.17 GALV. CORRUGATED METAL ROOFING	14.01 XXX
05.18 FURRING PER METAL SIDING MANUF. RECOMMENDATION	Division 15 - Mechanical
05.19 PRE-FINISHED MTL. FLASHING	15.01 HVAC UNIT / EQUIPMENT / DUCT - REF. MECH.
05.20 PRE-FINISHED MTL. SILL FLASHING	15.02 PLUMBING EQUIPMENT / LINE / FLOOR DRAIN - REF. PLUMB'G
05.21 PRE-FINISHED MTL. FASCIA	15.03 HOSEBIB - REF. PLUMB'G
05.22 PRE-FINISHED MTL. PARAPET FLASHING	15.04 BEAR YARD FAN & DUCTWORK: MAIN DUCT IS 8" PVC PIPE W/ 3" PVC PIPE VENTS @ 12" O.C. - DUCTWORK CAST INTO CONC. WALL. REFERENCE MECHANICAL SHEETS FOR FAN EQUIPMENT.
05.23 PRE-FIN. METAL GUTTER OR CONDUCTOR HEAD & DOWNSPOUT	15.05 1/2" LAYER CRUSHED CLEAR STONE, SURROUNDED BY NON-WOVEN GEO-TEXTILE FABRIC W/ SLOTTED DRAIN TILE
05.24 GALV. 6" HALF ROUND GUTTER & 1" DIAM. DOWNSPOUT	Division 16 - Electrical
05.25 PRE-FIN. METAL TRIM - PER SIDING MANUFACTURER'S INSTALLATION INSTRUCTIONS	16.01 LIGHT FIXTURE - REF. ELECT.
06.01 BLOCKING, 2X OR SIZE AS INDIC'D	16.02 ELECTRICAL OUTLET - REF. ELECT.
06.02 WOOD TRIM, 1X OR SIZE AS INDIC'D - SEE SPEC	16.03 LIGHT SWITCH - REF. ELECT.
06.03 WOOD BEAM / JOISTS - REF. STRUCT.	
06.04 WOOD COLUMN - REF. STRUCT.	
06.05 PLYWOOD SHEATHING - 3/4" OR SIZE AS INDIC'D	
06.06 1/2" GLASS-MAT ROOF COVER BD.	
06.07 3/4" GLASS-MAT SHEATHING SHEATHING	
06.08 ROOF SHEATHING - REF. STRUCT.	
06.09 2x FASCIA OR SIZE AS INDIC'D	
06.10 6" CEDAR SHIP LAP SIDING ON 1X SLEEPERS	
06.11 CEDAR TRIM	
Division 07 - Thermal & Moisture	
07.01 FULLY ADHERED T.P.O. MEMBRANE ROOFING	
07.02 FULLY ADHERED T.P.O. FLASHING STRIP	
07.03 TERMINATION BAR	
07.04 SEALANT	
07.05 CONTINUOUS BACKER ROD (DOUBLE WHERE NOTED)	
07.06 RIGID BASE INSULATION, 3" MIN. AT BEAR & SEAL HOLDING, 4" MIN. AT RESTAURANT (OR THICKNESS & R-VALUE AS INDICATED)	
07.07 TAPERED INSULATION, 1/2" MIN.	
07.08 ICE & WATER SHIELD	
07.09 WEATHER BARRIER	

wcm ARCHITECTS
WDM Architects P.A.
105 North Washington
Wichita, KS 67202-2815
T 316.262.4700
F 316.262.0002
wdmarchitects.com

we do more
henry vilas
WOOD

ARCTIC ANIMAL EXHIBIT AND CONCESSIONS
RFB No. 313086
Henry Vilas Zoo - County of Dane
Department of Public Works
Henry Vilas Zoo
702 S Randall Ave
Madison, Wisconsin

PRINTS ISSUED
07.26.2013 - Schematic Design
08.23.2013 - Design Development
09.23.2013 - 65% CD's
10.07.2013 - Pricing Set
10.21.2013 - 95% CD's
11.13.2013 - Bid Documents

WDM No. 13046
drawn: DS
checked: SR

A4.6