

ADDENDUM NO. CC-2

to the
Bidding Documents

for

NORTHEAST COMMUNITY COLLEGE
HAIL DAMAGE ROOF REPAIR - BID SET TWO
801 East Benjamin Avenue
Norfolk, NE 68702-0469
BCDM Project No. 3500-12

BCDM Architects
1015 North 98th Street, Suite 300
Omaha, Nebraska 68114

07 October 2016

NOTE: ADDENDA MAY BE VIEWED AT WWW.ADTECHPLANS.COM

REMINDER: BID DATE AND TIME: OCTOBER 14, 2016 AT 2:00 P.M.

NOTICE TO BIDDERS:

NOTE: A Revised Bid Form will be issued via addendum on Tuesday, October 11, 2016.

The Project Manual and Drawings for the above referenced project are hereby amended as follows:

PROJECT MANUAL

SECTION 00 24 13.13, SUMMARY OF MULTIPLE CONTRACTS

a. Page 00 24 13.13-19, after Bid Package #220, add Bid Package #221 to read as follows:

“Bid Package #221 – Surplus Building, Overhead Doors

Section 02 41 00 – Selective Demolition

Section 08 36 00 – Sectional Overhead Doors

Work is to include, but is not limited to, removal and replacement of overhead door. Include all electrical work required to replace door. Include all lay-out, coordination with other contractors, clean-up and haul away debris.”

SECTION 01 23 00, ALTERNATES

- a. Page 01 23 00-1, 1.04-B., revise paragraph B. to read “B. Alternate No. 2 – Provide cost for alternate Overhead Door type (Utility Line Building)”.
- b. Page 01 23 00-1, 1.04-C., revise paragraph C. to read “C. Alternate No. 3 – Provide cost for alternate Overhead Door type (Building Construction)”.
- c. Page 01 23 00-1, 1.04, add paragraph E. as follows “E. Alternate No. 5 – Provide cost for alternate Overhead Door type (Surplus Building) under Bid Package #221”.
- d. Page 01 23 00-1, 1.04, add paragraph F. as follows “F. Alternate No. 6 – Provide cost for providing Standard I 20 year standard weather tightness warranty (Agriculture Complex)”.
- e. Page 01 23 00-1, 1.04, add paragraph G. as follows “G. Alternate No. 7 – Provide cost for providing Standard II 20 year standard weather tightness warranty (Agriculture Complex)”.
- f. Page 01 23 00-1, 1.04, add paragraph H. as follows “H. Alternate No. 8 – Provide cost for providing 20 year SSR/SLR Standard weather tightness warranty (Utility Line)”.
- g. Page 01 23 00-1, 1.04, add paragraph I. as follows “I. Alternate No. 9 – Provide cost for providing 20 year SSR/SLR Optima weather tightness warranty (Utility Line)”.

SECTION 07 53 00, FLEXIBLE SHEET ROOFING SYSTEM

- a. Page 07 53 00-5, 3.05, revise paragraph 3.05 to read “3.05 INSTALLATION OF ROOF INSULATION AT AG-ALLIED HEALTH BUILDING, MACLAY BUILDING, AND SIMON AND BURKHARDT HALLS”.
- b. Page 07 53 00-6, 3.07, revise paragraph 3.07 to read “3.07 INSTALLATION OF ROOF INSULATION AT ARLO WIRTH, COLLEGE OF NURSING, COLLEGE WELCOME CENTER, LIFELONG LEARNING, AND SCIENCE BUILDING”.

SECTION 08 36 00, SECTIONAL OVERHEAD DOORS

- a. Page 08 36 00-1, 1.04, add paragraph D. as follows: “D. ALTERNATE NO. 5. Under this Alternate, add full glazed aluminum sash panels to the overhead sectional doors on the Surplus Building as shown”.

SECTION 13 34 19, METAL BUILDING SYSTEMS

- a. Page 13 34 19-1, 1.04-A., at the end of paragraph A. add “Erector shall be an MBCI Certified Installer”.
- b. Page 13 34 19-2, 1.06, add paragraph B. and its subsequent subparagraphs as follows:
 - B. “WEATHERTIGHTNESS WARRANTIES:
 - 1.AGRICULTURE COMPLEX: Provide manufacturer 20 year Standard Ceco Building Systems weather tightness warranty from the Date of Substantial Completion. Warranty to be jointly issued by the Building Manufacturer and the Installing Contractor. Provide a minimum of (2) required inspections on all Standard I and II weather tightness warranties. Provide costs for both Standard I and II Warranties (Reference Specification 01 23 00 ALTERNATES). Manufacturer warranty requires that roof, wall panel and accessories are provided by Ceco Building Systems. The Installing Contractor shall be a MBCI Certified Installer. Contact Steve Shuck, Ceco Building Systems (402)-223-0163.
 - a. Provide Standard I 20 year standard weather tightness warranty under Alternate No. 6.
 - b. Provide Standard II 20 year standard weather tightness warranty under Alternate No. 7.
 - 2.UTILITY LINE: Provide manufacturer 20 year Standard VP Building weather tightness warranty from the Date of Substantial Completion. Warranty to be jointly issued by the Building Manufacturer and the Installing Contractor. Provide a minimum of (2) required inspections on all Standard and Optima weather tightness warranties. Provide costs for both SSR/SLR Standard and SSR/SLR Optima Warranties (Reference Specification 01 23 00 ALTERNATES). Manufacturer warranty requires that roof, wall panel and accessories are provided by VP Building or a VP certified builder. The Installing Contractor shall be a VP Building Certified Builder. Contact Mark Larson, VP Building (405)-306-8398.
 - a. Provide 20 year SSR/SLR Standard weather tightness warranty under Alternate No. 8.
 - b. Provide 20 year SSR/SLR Optima weather tightness warranty under Alternate No. 9.”
- c. Page 13 34 19-2, 2.01-B.-1.-a., add paragraph iii. as follows: “iii. No Substitutions”.
- d. Page 13 34 19-2, 2.01-B.-1.-a., add paragraph iv. as follows: “iv. The original building order included Ceco CXP roof panels. The CXP roof panel was designed to brace the purlins. The Double-Lok roof system utilizes a different clip that does not brace the purlins. Engineering will be required to analyze the existing purlins and determine the amount of bracing that will be required. Include costs in the base bid for Ceco Building Systems Engineers to analyze and provide recommendation for the additional purlin bracing. Costs associated with providing and installing the additional purlins will be added to the contract by Change Order”.
- e. Page 13 34 19-2, 2.01-B.-1.-b., add paragraph iii. as follows: “iii. No Substitutions”.
- f. Page 13 34 19-2, 2.01-B.-1.-c., add paragraph iii. as follows: “iii. No Substitutions”.

- g. Page 13 34 19-2, 2.01-B.-1., add paragraph d. as follows: “d. Contact Steve Shuck, Ceco Building Systems (402)-223-0163”.
- h. Page 13 34 19-2, 2.01-B.-2.-a.-i., delete paragraph in its entirety and replace with “i. Manufacturer: MBCI”.
- i. Page 13 34 19-2, 2.01-B.-2.-a.-ii., delete paragraph in its entirety and replace with “ii. System: MBCI PBR Metal Roof Panel”.
- j. Page 13 34 19-2, 2.01-B.-2.-a., add paragraph iii. as follows: “iii. Or Approved Equal”.
- k. Page 13 34 19-2, 2.01-B.-2.-b., add paragraph iii. as follows: “iii. Or Approved Equal”.
- l. Page 13 34 19-2, 2.01-B.-3.-a.-i., delete paragraph in its entirety and replace with “i. Manufacturer: MBCI”.
- m. Page 13 34 19-2, 2.01-B.-3.-a.-ii., delete paragraph in its entirety and replace with “ii. System: MBCI PBR Metal Roof Panel”.
- n. Page 13 34 19-2, 2.01-B.-3.-a., add paragraph iii. as follows: “iii. Or Approved Equal”.
- o. Page 13 34 19-3, 2.01-B.-3.-b., add paragraph iii. as follows: “iii. Or Approved Equal”.
- p. Page 13 34 19-3, 2.01-B.-4.-a.-i., delete paragraph in its entirety and replace with “i. Manufacturer: MBCI”.
- q. Page 13 34 19-3, 2.01-B.-4.-a.-ii., delete paragraph in its entirety and replace with “ii. System: MBCI PBR Metal Roof Panel”.
- r. Page 13 34 19-3, 2.01-B.-4.-a., add paragraph iii. as follows: “iii. Or Approved Equal”.
- s. Page 13 34 19-3, 2.01-B.-4.-b., add paragraph iii. as follows: “iii. Or Approved Equal”.
- t. Page 13 34 19-3, 2.01-B.-5.-a., add paragraph iii. as follows: “iii. No Substitutions”.
- u. Page 13 34 19-3, 2.01-B.-5.-b., add paragraph iii. as follows: “iii. No Substitutions”.
- v. Page 13 34 19-3, 2.01-B.-5.-c., add paragraph iii. as follows: “iii. No Substitutions”.
- w. Page 13 34 19-3, 2.01-B.-5., add paragraph d. as follows: “d. Contact Mark Larson, VP Building (405)-306-8398”.
- x. Page 13 34 19-4, 2.02, add paragraph E. as follows: “E. EXPOSED FASTENING ROOF PANELS for installation on Arlo Wirth, Building Construction and Surplus Building shall be single skin ribbed panels with exposed fasteners and the basis of design shall be MBCI PBR roof panel”.
- y. Page 13 34 19-4, 2.06, add paragraph C. as follows: “C. EXPOSED FASTENERS shall be self-drilling with sealing washer”.
- z. Page 13 34 19-4, 2.07-D., delete paragraph in its entirety and replace with “D. SNOW GUARDS shall be equal to SNOBAR by Action Manufacturing, LLC, Englewood, CO (800) 711-9724. Finish shall be prefinished to match the roof panels. Install in accord with the manufacturer’s printed instructions and specifications”.

DRAWINGS

SHEET AC1-1, AGRICULTURE COMPLEX – ROOF DEMO PLAN

- a. At Roofing Demolition Flag Notes, modify Flag Note No.4 to read, “Remove and salvage existing snow guards for reinstallation on new M.B.S. standing seam roof panels”.

SHEET AC1-2, AGRICULTURE COMPLEX – ROOF PLAN

- a. At Reroofing Flag Notes, modify Flag Note No.4 to read, “Reinstall salvaged snow guards in same location”.
- b. At Detail 1 “Roof Plan”, modify snow guard layout on the south portion of the roof as shown on attached ASD-01.

SHEET AW1-1, ARLO WIRTH – DEMO ROOF PLAN

- a. At Details 13 and 14, delete note “New M.B.S. standing seam roof panels” and replace with “New M.B.S. exposed fastening roof panels”.
- b. At Roofing Demolition Flag Notes, modify Flag Note No.5 to read, “Remove Metal Building System (M.B.S.) exposed fastening roof panels and associated trim”.

SHEET AW1-2, ARLO WIRTH – ROOF PLAN

- a. At Reroofing Flag Notes, modify Flag Note No.5 to read, “Install new Metal Building System (M.B.S.) exposed fastening roof panels”.

- b. Add Detail 2, “Typical Roof/Curb Flashing Detail” as shown on ASD-07, to sheet AW1-2.

SHEET BC1-1, BUILDING CONSTRUCTION – DEMO ROOF PLAN

- a. At Details 2 and 3, delete note “New M.B.S. standing seam roof panels” and replace with “New M.B.S. exposed fastening roof panels”.
- b. At Roofing Demolition Flag Notes, modify Flag Note No.1 to read, “Remove Metal Building System (M.B.S.) exposed fastening roof panels and associated trim”.

SHEET BC1-2, BUILDING CONSTRUCTION – ROOF PLAN / EXTERIOR ELEVATIONS

- a. At Reroofing Flag Notes, modify Flag Note No.1 to read, “Install new Metal Building System (M.B.S.) exposed fastening roof panels”.
- b. At Detail 5 “East Elevation”, modify overhead sectional door by naming it “Door No. 110” and adding the note “Under base bid remove and replace overhead sectional door, track and motor to remain; under Alternate No. 3 add full glazed aluminum sash panels; see spec section 08 36 00”, as shown on ASD-02.
- c. At Door and Frame Schedule, add door no. “110” to the schedule below door no. “100” and under the following columns:
 - i. DOOR NO., add ‘110’
 - ii. WIDTH, add ‘10’-0” (F.V.)’
 - iii. HEIGHT, add ‘10’-0” (F.V.)’
 - iv. DOOR TYPE, add ‘OSD’
 - v. DOOR MAT., add ‘STL’
 - vi. DOOR FINISH, add ‘PF’
 - vii. FRAME TYPE, add ‘EXIST.’
 - viii. FRAME DEPTH, add ‘---’
 - ix. FRAME MAT., add ‘STL’
 - x. FRAME FINISH, add ‘PF’
 - xi. GLAZING, add ‘---’
 - xii. REMARKS, add ‘1’
 - xiii. DOOR NO., add ‘110’

SHEET CN1-3, COLLEGE OF NURSING – EXTERIOR ELEVATIONS

- a. At Detail 2 “West Elevation”, modify the note calling out the replacement of metal wall panels to read, “Remove and replace Metal Wall Panels between windows, salvage Metal Wall Panels and turn over to Owner; tape over existing penetrations in Tyvek weather barrier behind Metal Wall Panels prior to installation of new Metal Wall Panels with tape recommended by the manufacturer”.
- b. At Detail 4 “North Elevation”, modify the (3) three notes calling out the replacement of metal wall panels to read, “Remove and replace Metal Wall Panels between windows, this elevation typical; tape over existing penetrations in Tyvek weather barrier behind Metal Wall Panels prior to installation of new Metal Wall Panels with tape recommended by the manufacturer”.

SHEET MA1-2, MACLAY BUILDING – ROOF PLAN

- a. At Detail 1 “Roof Plan”, modify the roof plan to add flag note 7 and walkway pads per ASD-03.
- b. At Reroofing Flag Notes, add Flag Note No. 7 to read “Provide 30x30 Walkway Pads as shown”.

SHEET SB1-1, SIMON-BURKHARDT HALL – DEMO ROOF PLAN

- a. At Detail 1 “Roof Demolition Plan”, modify the roof plan at the lower roof on Burkhardt Hall by changing flag note 1 to flag note 8 as shown on ASD-08.
- b. At Roofing Demolition Flag Notes, add Flag Note No. 8 to read “Remove roofing membrane down to existing roof insulation (roof insulation to remain)”.

SHEET SB1-2, SIMON-BURKHARDT HALL – ROOF PLAN

- a. At Detail 1 “Roof Plan”, modify the roof plan at the lower roof on Burkhardt Hall by changing flag note 1 to flag note 9 as shown on ASD-09.
- b. At Reroofing Flag Notes, add Flag Note No. 9 to read “Install fully adhered EPDM Roofing over 1/2” Cover Board on top of existing roof insulation”.

- c. At Roofing Legend, modify Roofing Legend as shown on ASD-10.

SHEET SU1-1, SURPLUS BUILDING – DEMO ROOF PLAN

- a. At Details 2 and 3, delete note “New M.B.S. standing seam roof panels” and replace with “New M.B.S. exposed fastening roof panels”.
- b. At Roofing Demolition Flag Notes, modify Flag Note No.1 to read, “Remove Metal Building System (M.B.S.) exposed fastening roof panels and associated trim”.

SHEET SU1-2, SURPLUS BUILDING – ROOF PLAN / EXTERIOR ELEVATIONS

- a. At Reroofing Flag Notes, modify Flag Note No.1 to read, “Install new Metal Building System (M.B.S.) exposed fastening roof panels”.
- b. At Detail 2 “East Elevation”, modify overhead sectional door by naming it “Door No. 101” and adding the note “Under base bid remove and replace overhead sectional door, track and motor to remain; under Alternate No. 5 add full glazed aluminum sash panels; see spec section 08 36 00”, as shown on ASD-04.
- c. At Detail 3 “South Elevation”, modify overhead sectional door by naming it “Door No. 103” and adding the note “Under base bid remove and replace overhead sectional door, track and motor to remain; under Alternate No. 5 add full glazed aluminum sash panels; see spec section 08 36 00”, as shown on ASD-04.
- d. Add “Door and Frame Schedule”, “Door, Frame and Glazing Remarks”, and “Door, Frame and Glazing Legend” as shown on ASD-05.
- e. Add Detail 6. “Door Type Elevations” to sheet SU1-2 as shown on ASD-06.

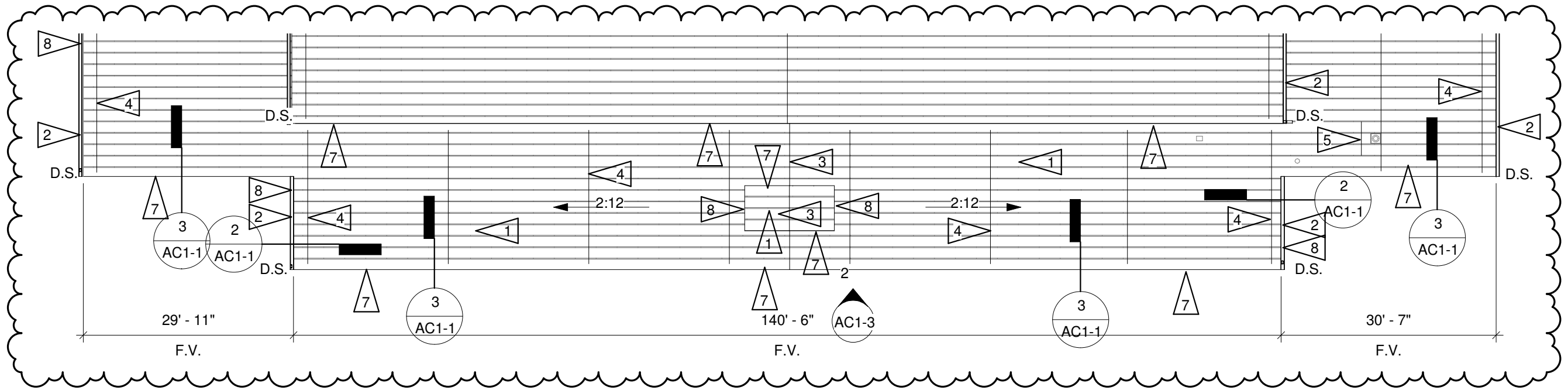
SHEET UL1-2, UTILITY LNE-TRUCK DRIVING – ROOF PLAN

- a. Add Detail 2, “Typical Roof/Curb Flashing Detail” as shown on ASD-07, to sheet UL1-2.

SHEETS ED1-1, ED1-2, E1-1, AND E1-2 (ELECTRICAL DRAWINGS)

- a. See Morrissey Engineering’s Addendum No. 2 attachment.

END OF ADDENDUM



① PARTIAL ROOF PLAN
1/16" = 1'-0"

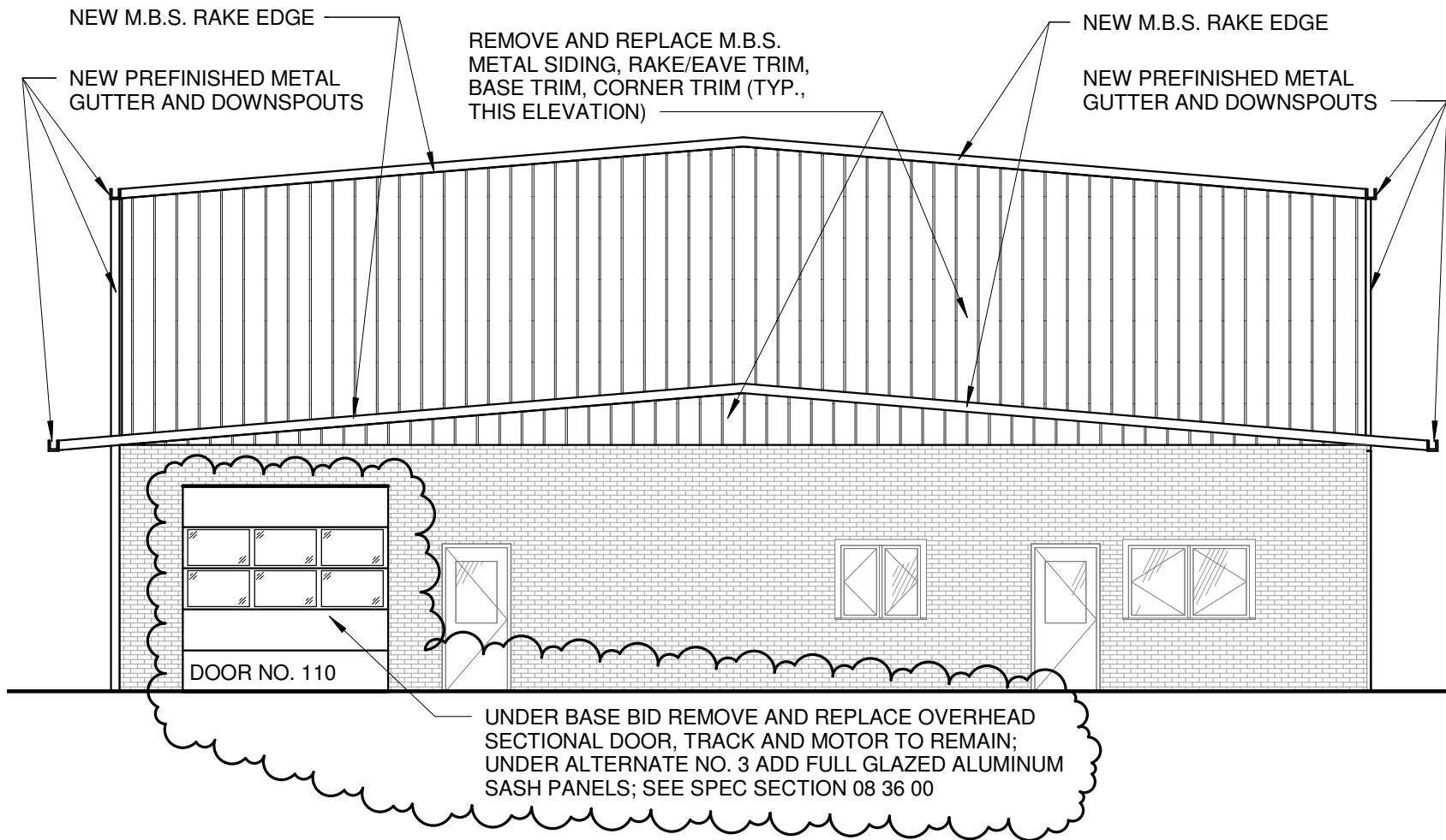
NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO
Norfolk, NE 68702-0469

3500-12
10/07/2016

DRAWING REFERENCED: AC1-2

ATTACHMENT
ASD-01



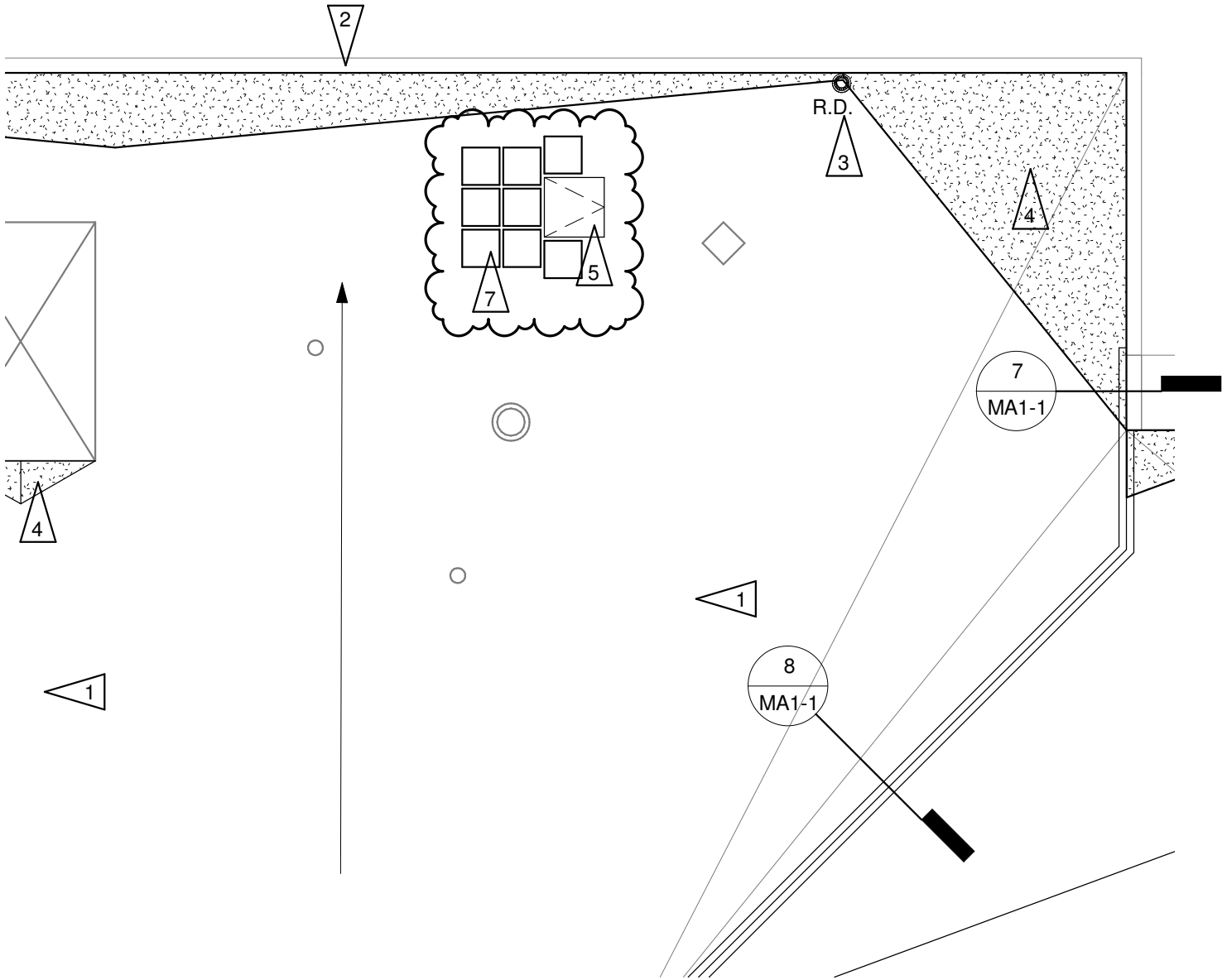


5 EAST ELEVATION
 1/8" = 1'-0"

NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO
 Norfolk, NE 68702-0469

3500-12	DRAWING REFERENCED: BC1-2	ATTACHMENT
10/07/2016		ASD-02



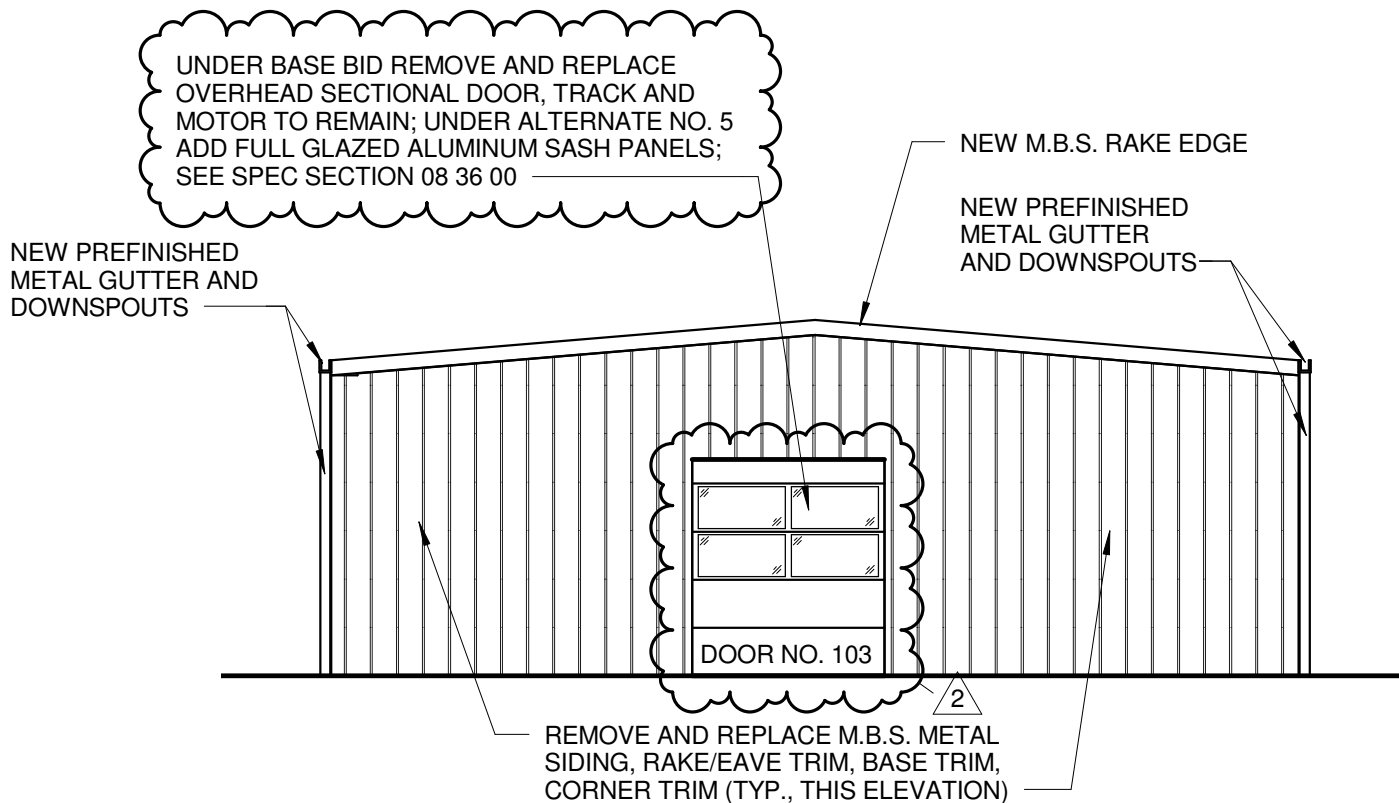


1 PARTIAL ROOF PLAN
 3/32" = 1'-0"

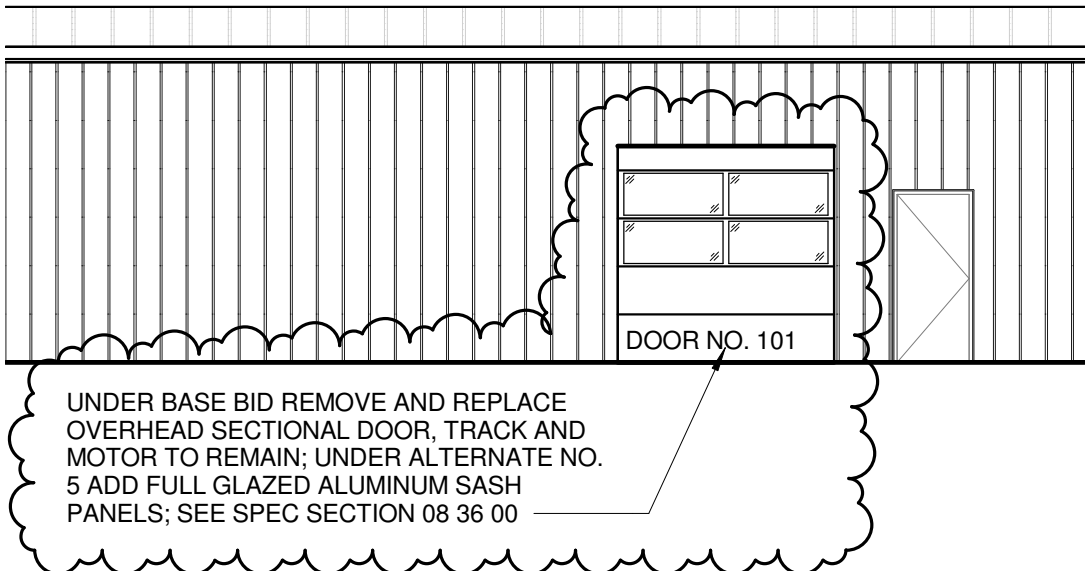


NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO
 Norfolk, NE 68702-0469

3500-12	DRAWING REFERENCED: MA1-2	ATTACHMENT
10/07/2016		ASD-03



③ SOUTH ELEVATION
1/8" = 1'-0"



② PARTIAL EAST ELEVATION
1/8" = 1'-0"



NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO
Norfolk, NE 68702-0469

3500-12	DRAWING REFERENCED: SU1-2	ATTACHMENT
10/07/2016		ASD-04

DOOR AND FRAME SCHEDULE

DOOR NO.	DOOR					FRAME				GLAZING	REMARKS	DOOR NO.
	WIDTH	HEIGHT	TYPE	MAT.	FINISH	TYPE	DEPTH	MAT.	FINISH			
101	9' - 0" (F.V.)	9' - 0" (F.V.)	OSD	STL	PF	EXIST.	---	STL	PF	---	1	101
103	8' - 0" (F.V.)	9' - 0" (F.V.)	OSD	STL	PF	EXIST.	---	STL	PF	---	1	103

DOOR, FRAME AND GLAZING REMARKS

1. UNDER BASE BID PROVIDE OVERHEAD SECTIONAL DOOR TYPE OSD, UNDER ALTERNATE NO. 5 PROVIDE OVERHEAD SECTIONAL DOOR TYPE OSD.1 (TRACK AND MOTOR ARE TO REMAIN UNDER BOTH BASE BID AND ALTERNATE NO. 5)

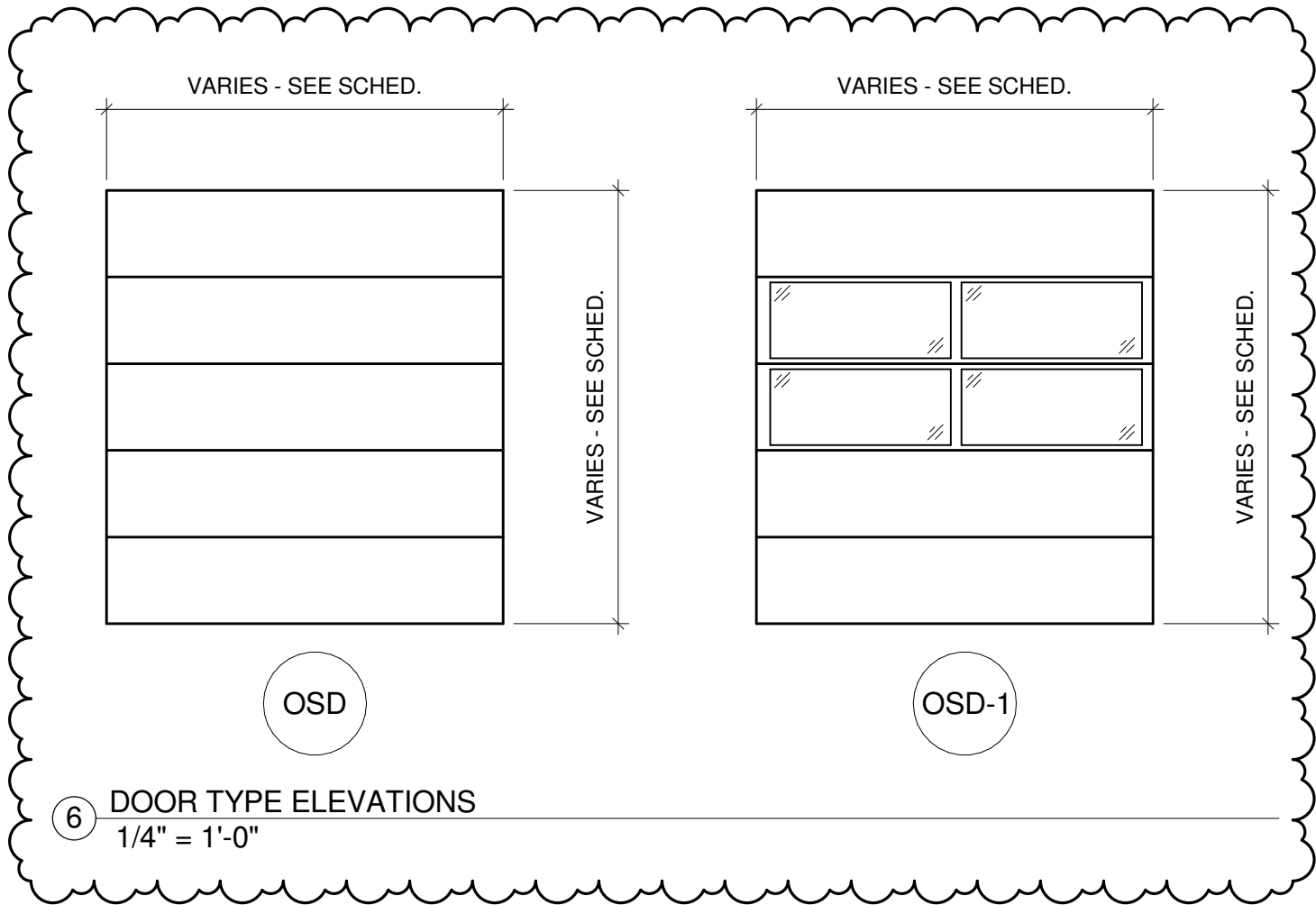
DOOR, FRAME AND GLAZING LEGEND

EXIST.	EXISTING
F.V.	FIELD VERIFY
OSD	OVERHEAD SECTIONAL DOOR
PF	PRE-FINISHED
SIM	SIMILAR
STL	STEEL

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Norfolk, NE 68702-0469

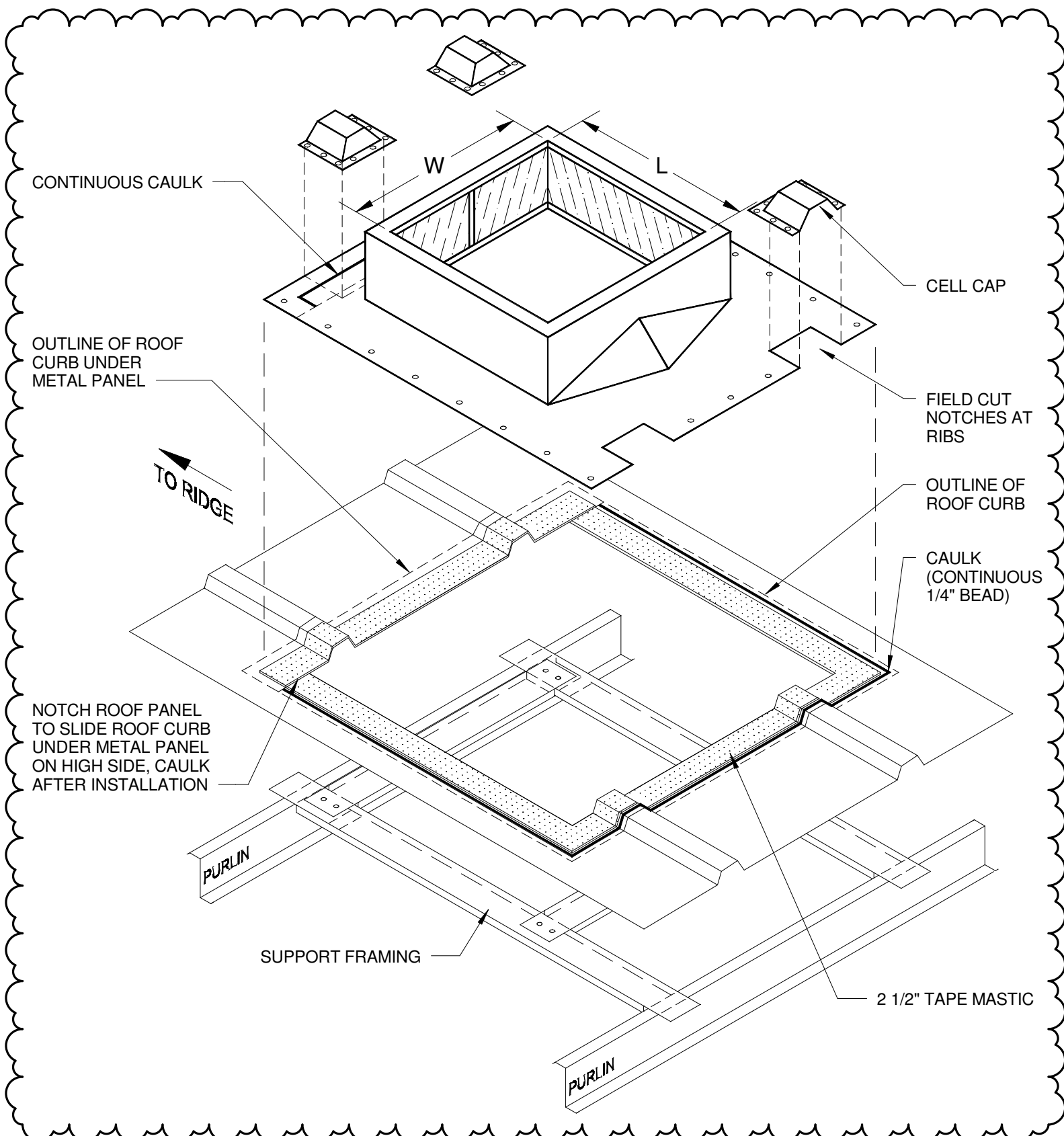
3500-12	DRAWING REFERENCED: SU1-2	ATTACHMENT
10/07/2016		ASD-05





NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO
Norfolk, NE 68702-0469

3500-12	DRAWING REFERENCED: SU1-2	ATTACHMENT
10/07/2016		ASD-06

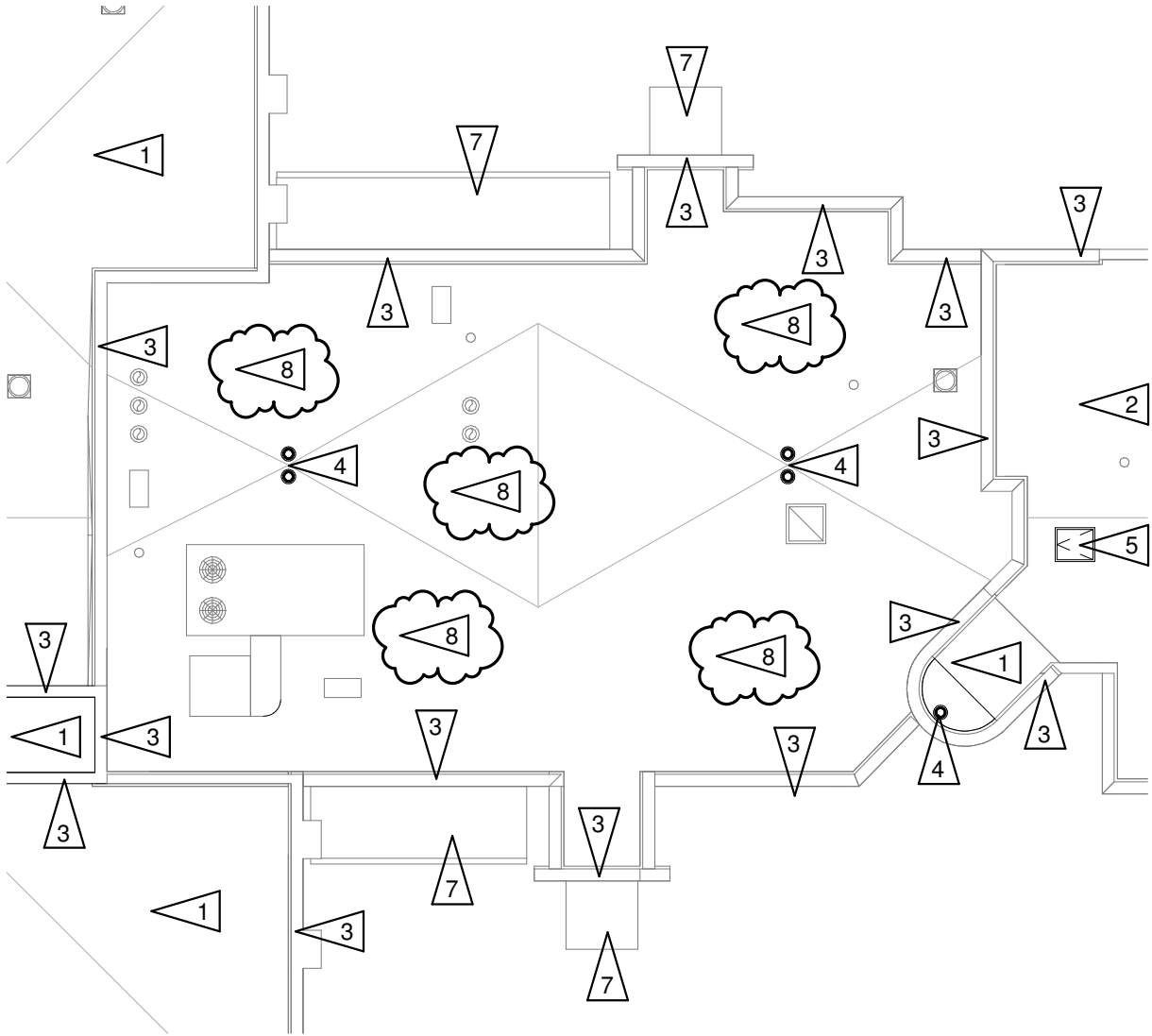


2 TYPICAL HOOD/CURB FLASHING DETAIL
NOT TO SCALE



NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO
Norfolk, NE 68702-0469

3500-12	DRAWING REFERENCED: AW1-2 & UL1-2	ATTACHMENT
10/07/2016		ASD-07

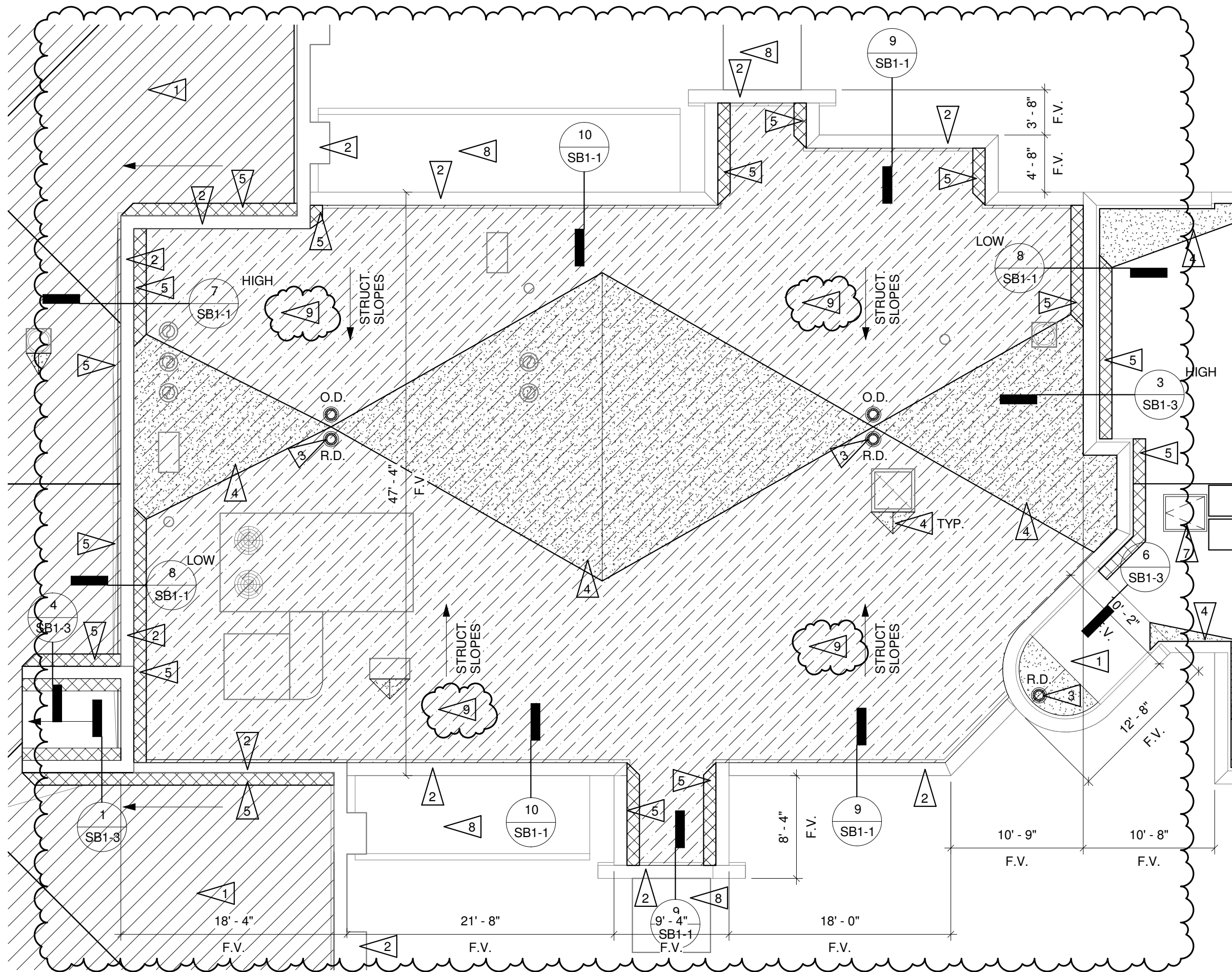


① ROOF DEMOLITION PLAN (PARTIAL)
 1/16" = 1'-0"



NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO
 Norfolk, NE 68702-0469

3500-12	DRAWING REFERENCED: SB1-1	ATTACHMENT
10/07/2016		ASD-08




1 ROOF PLAN (PARTIAL)
1/8" = 1'-0"

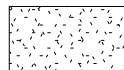
NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO
Norfolk, NE 68702-0469

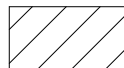
3500-12	DRAWING REFERENCED: SB1-2	ATTACHMENT
10/07/2016		ASD-09



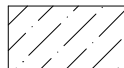
ROOFING LEGEND

 EPDM ON COVER BOARD AND 4" BASE ROOF INSULATION, ON STRUCTURAL SLOPE 1/4" PER FOOT, TYP. U.N.O.

 EPDM ON COVER BOARD AND 4" BASE ROOF INSULATION PLUS TAPERED CRICKET INSULATION U.N.O.

 EPDM ON COVER BOARD AND 4" BASE ROOF INSULATION PLUS TAPERED INSULATION

 NEW TAPERED EDGE STRIPS

 EPDM AND COVER BOARD ON EXISTING INSULATION AND EXISTING METAL DECK

NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO
Norfolk, NE 68702-0469

3500-12	DRAWING REFERENCED: SB1-2	ATTACHMENT
10/07/2016		ASD-10



addendum

addendum no. 02

date: 10/7/2016

bid date:

project name: NECC Hail Damage Roof Repair

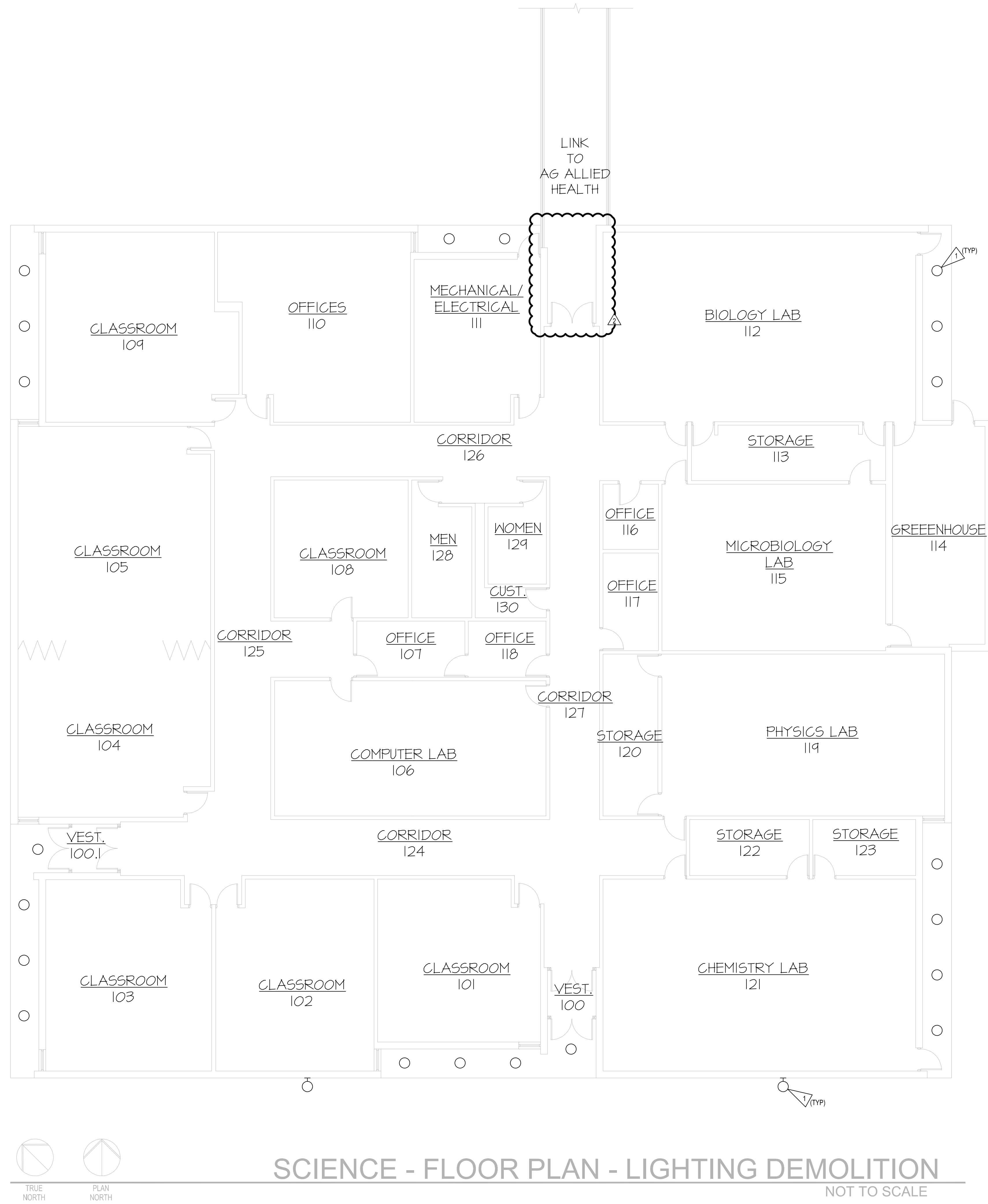
project no: 16142

This addendum is hereby made a part of the contract documents to the same extent as if it were originally included therein. Contract documents shall be considered modified or revised as hereinafter described.

electrical items

1. Sheet ED1-1 – Science Building – Lighting Demolition
 - a. Do not remove downlights in link to AG Allied Health building. See attached revised drawing for changes to demolition work.
2. Sheet ED1-2 – AG Allied Health – Lighting Demolition
 - a. Do not remove exterior downlights on this building. See attached revised drawing for changes to demolition work.
3. Sheet E1-1 – Science Building - Lighting
 - a. Revise lighting on north side of building. See attached revised drawing for changes to new lighting plan.
4. Sheet E1-2 – AG Allied Health – Lighting
 - a. Revise lighting plan around exterior building. See attached revised drawing for changes to new lighting plan.

end of addendum

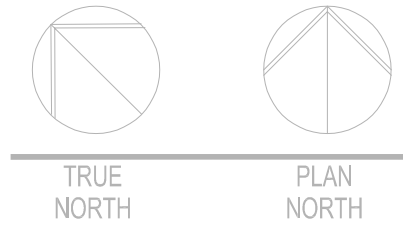


DEMOLITION NOTES

1. THE OWNER SHALL HAVE FIRST SALVAGE RIGHTS TO ALL FIXTURES, DEVICES AND EQUIPMENT REMOVED.
2. WHERE EXISTING CIRCUITS ARE NOT REUSED, REMOVE CONDUCTORS AND ASSOCIATED ACCESSIBLE RACEWAYS BACK TO THE SOURCE. ABANDON CONCEALED CONDUITS IN WALLS WHICH ARE NOT REMOVED.
3. DEMOLITION DRAWINGS INDICATE FIXTURES, DEVICES AND MAJOR PIECES OF EQUIPMENT WHICH ARE TO BE REMOVED OR RECONNECTED. REMOVE INDICATED ITEMS AND ASSOCIATED ITEMS NOT INDICATED BUT WHICH MUST BE REMOVED TO ACCOMMODATE REMODELING. SEE PROJECT MANUAL, "WORK IN EXISTING BUILDINGS" FOR ADDITIONAL INFORMATION.
4. POWER TO EXISTING AREAS NOT BEING REMODELED SHALL BE MAINTAINED AT ALL TIMES EXCEPT FOR SHORT TERM OUTAGES NECESSARY FOR RECONNECTION OF EXISTING CIRCUITS. COORDINATE AND SCHEDULE OUTAGES WITH THE OWNER.
5. COORDINATE DEMOLITION WITH THE WORK OF OTHER TRADES. PROVIDE TEMPORARY POWER AS REQUIRED TO ALLOW THE WORK OF OTHER TRADES TO PROCEED OR AS REQUIRED TO ALLOW THE OWNER TO OCCUPY THE SPACE.

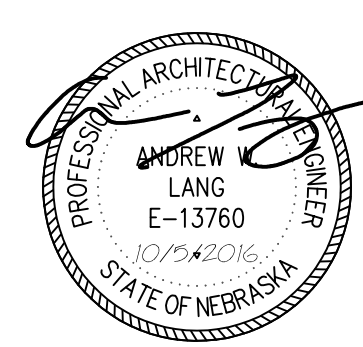
FLAG NOTES

- 1. REMOVE EXISTING LUMINAIRE. KEEP EXISTING WIRE FOR BRANCH CIRCUIT AND CONTROLLER SERVING FIXTURES FOR RECONNECTION. MAINTAIN CIRCUIT CONTINUITY TO BRANCH CIRCUITS SERVING REMOVED LUMINAIRES.



SCIENCE - FLOOR PLAN - LIGHTING DEMOLITION

NOT TO SCALE



Revision Schedule	
No.	Description
2	Submittal
	By
	Date
	10/27/2016

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Z000: mechanical, electrical, plumbing, fire protection, and other trades. Verify all dimensions and elevations from architectural, structural, and other appropriate drawings or specifications. Provide electronic files for operation, maintenance, and codes to verification of compliance for all trades. Do not fabricate prior to verification of compliance for all trades.

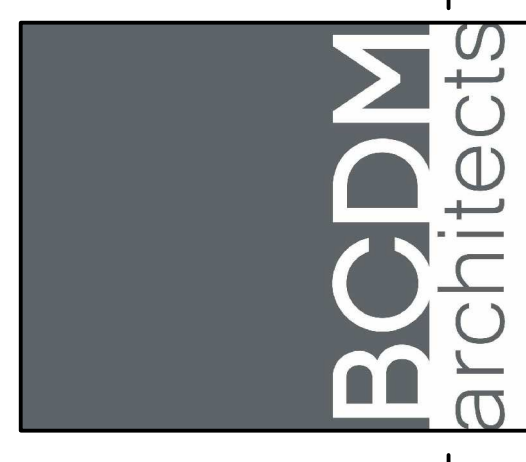
morrissey engineering inc
mechanical | electrical | plumbing | fire protection | energy | technology | commissioning
490 North 19th Street
Omaha, NE 68104
P: 402.497.4144
www.morrisseyengineering.com

MEI JOB NO. 16142

NECC HAIL DAMAGE ROOF REPAIR - BID SET TWO

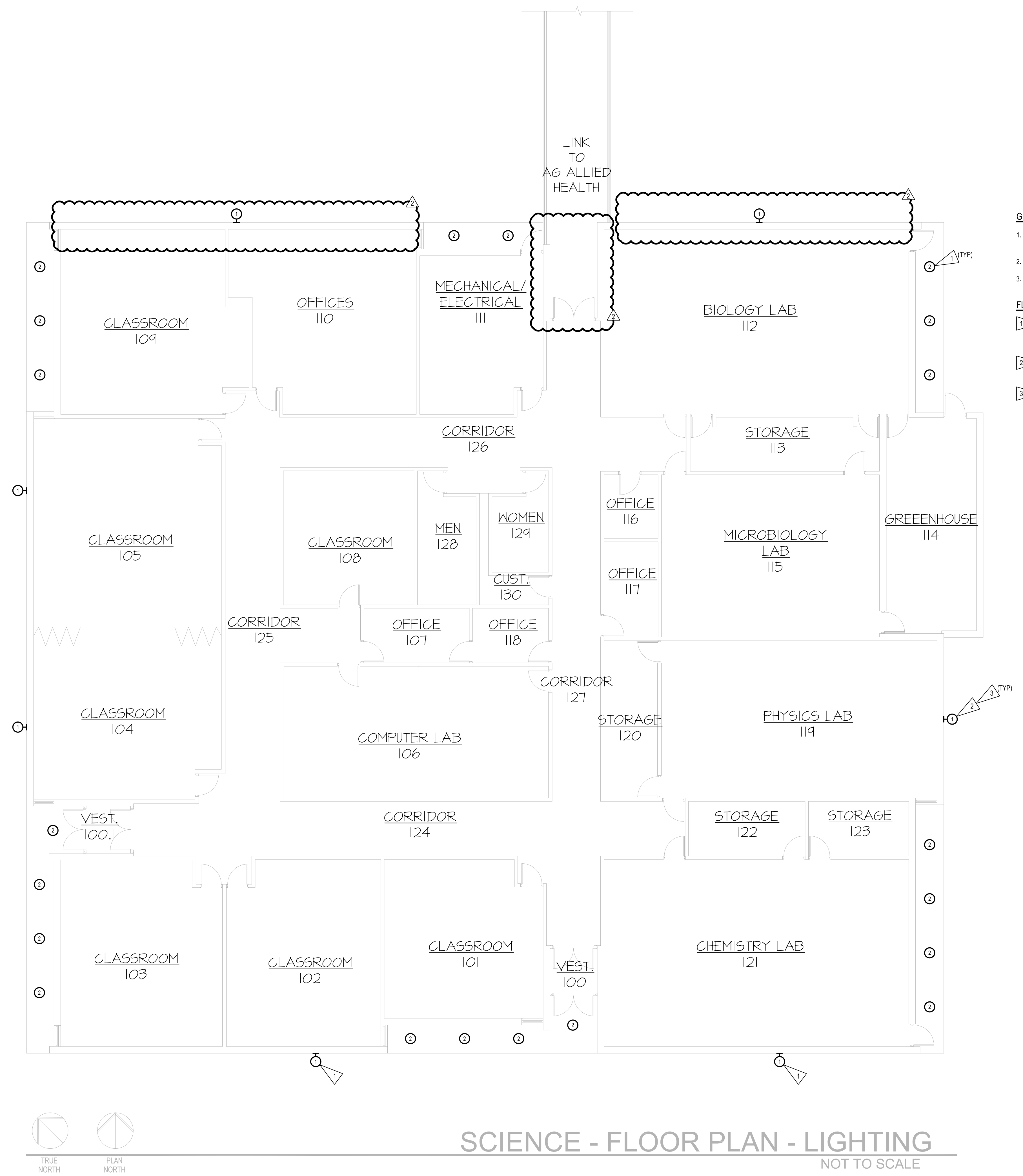
NORTHEAST COMMUNITY COLLEGE 801 EAST BENJAMIN AVENUE, NORFOLK, NE 68702-0889

SCIENCE BUILDING - LIGHTING DEMOLITION

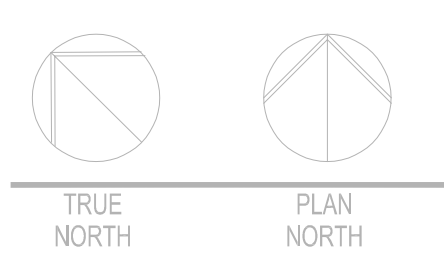


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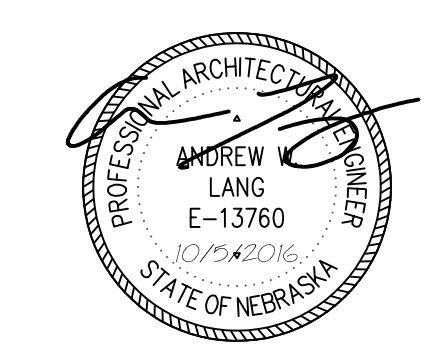
OCTOBER 5, 2016
BCDM NO. 3500-12



- GENERAL NOTES**
- MINIMUM SIZE FOR BRANCH CIRCUIT CONDUITS SHALL BE 3/4" SEE DRAWINGS FOR AREAS WHERE LARGER CONDUITS ARE REQUIRED.
 - PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT.
 - PROVIDE A GREEN INSULATED GROUND WIRE IN ALL LIGHTING AND POWER BRANCH CIRCUITS.
- FLAG NOTES**
- MOUNT NEW LIGHTS AT SAME LOCATION AS EXISTING BEING REMOVED. RECONNECT LIGHTS TO EXISTING BRANCH CIRCUIT AND CONTROLLER SERVING PREVIOUS. PATCH AND PAINT ANY AREAS WHERE NEW FIXTURES DO NOT COVER PREVIOUS FIXTURE'S FOOTPRINT.
 - MOUNT NEW EXTERIOR WALL MOUNTED LIGHTS AT SAME HEIGHT AS EXISTING ON FRONT OF BUILDING. CONNECT TO EXISTING LIGHTING CIRCUIT SERVING EXTERIOR LIGHTS. NEW LIGHTS ARE TO BE CONTROLLED WITH EXISTING.
 - CORE DRILL WALL. PROVIDE 3/4" CONDUIT TO CONNECT NEW FIXTURE TO EXISTING CIRCUIT SERVING EXTERIOR LIGHTING. VERIFY NEW PENETRATION IS ABOVE ACCESSIBLE CEILING. WHERE NEW PENETRATION WILL BE BELOW CEILING, IN A VISIBLE LOCATION, OR IS INACCESSIBLE, COORDINATE NEW MOUNTING HEIGHT WITH ENGINEER. COORDINATE ALL MOUNTING HEIGHTS AND PENETRATION LOCATIONS PRIOR TO ROUGH-IN OF ANY NEW FIXTURE.



SCIENCE - FLOOR PLAN - LIGHTING
NOT TO SCALE



Revision Schedule		
No.	Description	Date
1		
2		10/27/2016

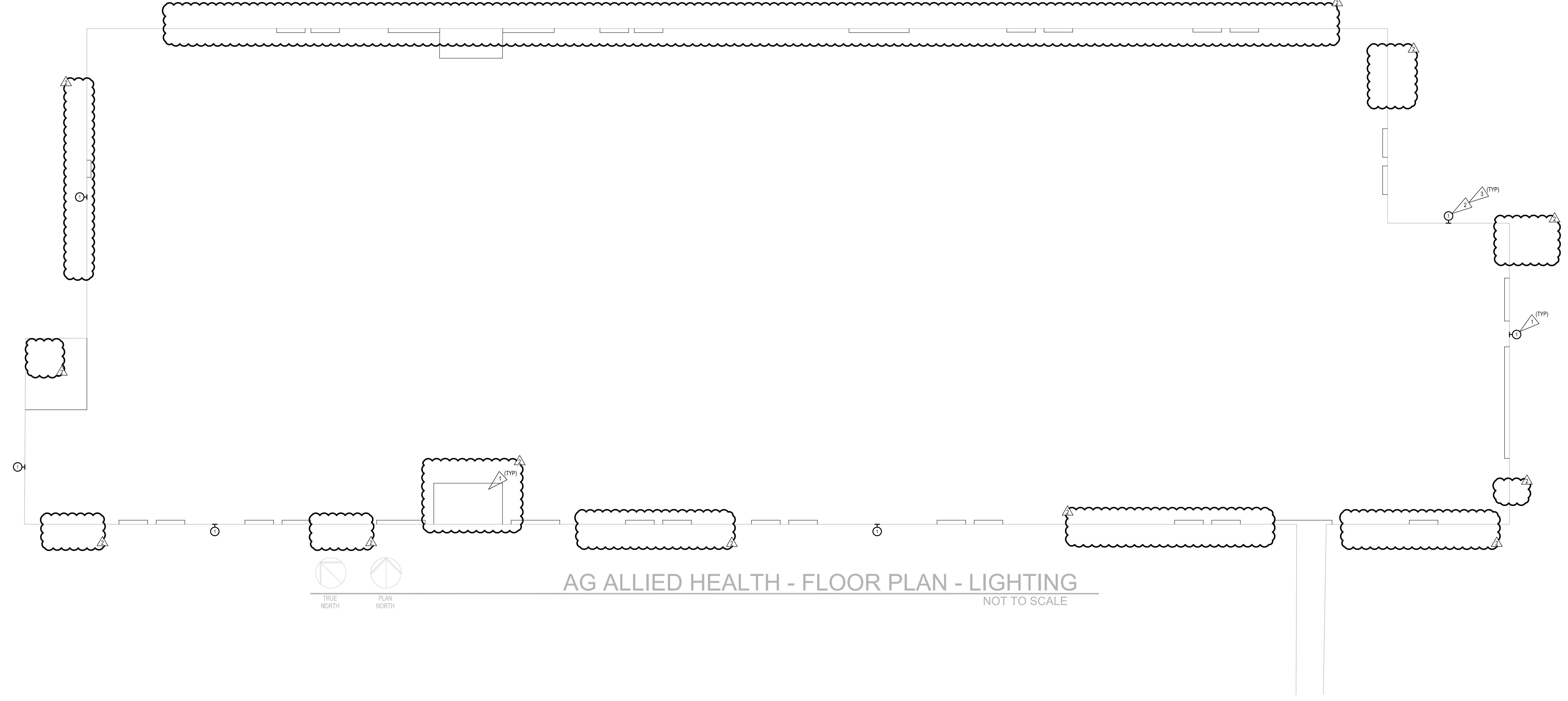
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SCIENCE BUILDING - LIGHTING

BCDM architects



AG ALLIED HEALTH - FLOOR PLAN - LIGHTING
NOT TO SCALE

GENERAL NOTES

1. MINIMUM SIZE FOR BRANCH CIRCUIT CONDUITS SHALL BE 3/4" SEE DRAWINGS FOR AREAS WHERE LARGER CONDUITS ARE REQUIRED.
2. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT.
3. PROVIDE A GREEN INSULATED GROUND WIRE IN ALL LIGHTING AND POWER BRANCH CIRCUITS.

FLAG NOTES

1. MOUNT NEW LIGHTS AT SAME LOCATION AS EXISTING BEING REMOVED. RECONNECT LIGHTS TO EXISTING BRANCH CIRCUIT AND CONTROLLER SERVING PREVIOUS. PATCH AND PAINT ANY AREAS WHERE NEW FIXTURES DO NOT COVER PREVIOUS FIXTURE'S FOOTPRINT.
2. MOUNT NEW EXTERIOR WALL MOUNTED LIGHTS AT SAME HEIGHT AS EXISTING ON SIDE OF BUILDING, APPROXIMATELY 12'-0" ABOVE GRADE. CONNECT TO EXISTING LIGHTING CIRCUIT SERVING EXTERIOR LIGHTS. NEW LIGHTS ARE TO BE CONTROLLED WITH EXISTING.
3. CORE DRILL WALL. PROVIDE 3/4" CONDUIT TO CONNECT NEW FIXTURE TO EXISTING CIRCUIT SERVING EXTERIOR LIGHTING. VERIFY NEW PENETRATION IS ABOVE ACCESSIBLE CEILING. WHERE NEW PENETRATION WILL BE BELOW CEILING, IN A VISIBLE LOCATION, OR IS INACCESSIBLE, COORDINATE NEW MOUNTING HEIGHT WITH ENGINEER. COORDINATE ALL MOUNTING HEIGHTS AND PENETRATION LOCATIONS PRIOR TO ROUGH-IN OF ANY NEW FIXTURE.

No.	Description	By	Date
1	Submittal		10/7/2016
2			