

DIXON MIDDLE SCHOOL REROOF
750 WEST 200 NORTH
PROVO, UTAH 84601
JUNE 08, 2020



MARK	REVISION	DATE

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ENGINEERING CONSULTANTS

STRUCTURAL



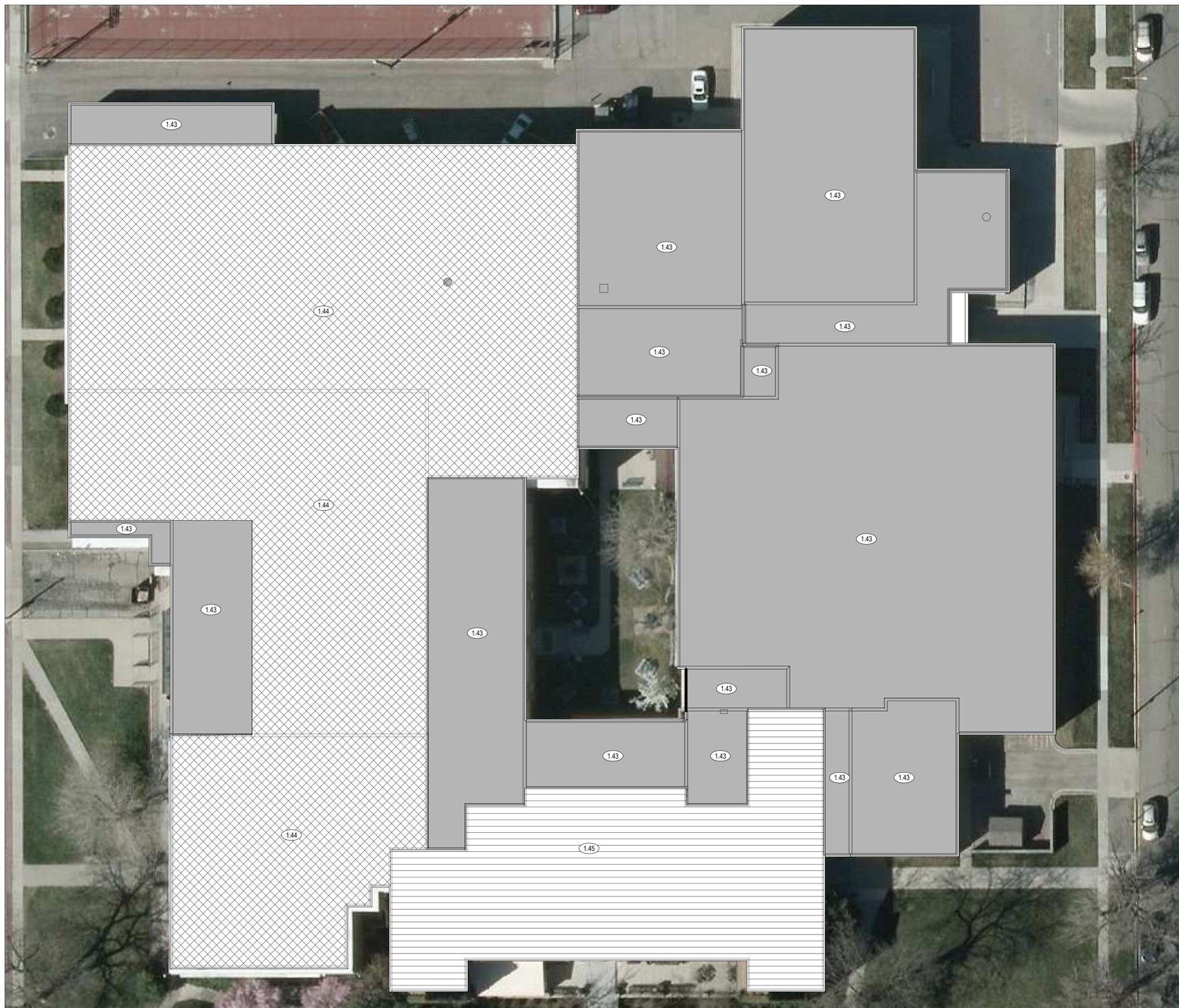
DYNAMIC STRUCTURES
1887 NORTH 1120 WEST
PROVO, UT 84604
PHONE: 801.356.1140

<p>233 SOUTH PLEASANT GROVE BLVD. SUITE # 105 PLEASANT GROVE, UTAH 84602</p> <p>PHONE: (801) 769-3000 cma@com Utah.com</p>	DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: </p>
SHEET DESCRIPTION: COVER SHEET	SHEET: CVR

MARK	REVISION	DATE

SHEET NOTES

- 1.43 MECHANICALLY FASTENED ROOFING SYSTEM. SEE DETAIL A5/A531.
- 1.44 FULLY ADHERED ROOFING SYSTEM. SEE DETAIL B5/A531.
- 1.45 ASPHALT SHINGLE ROOFING SYSTEM. SEE DETAIL B2/A530.



ROOF SYSTEM TYPE KEY PLAN
 A102 | SCALE: 1" = 20'-0"

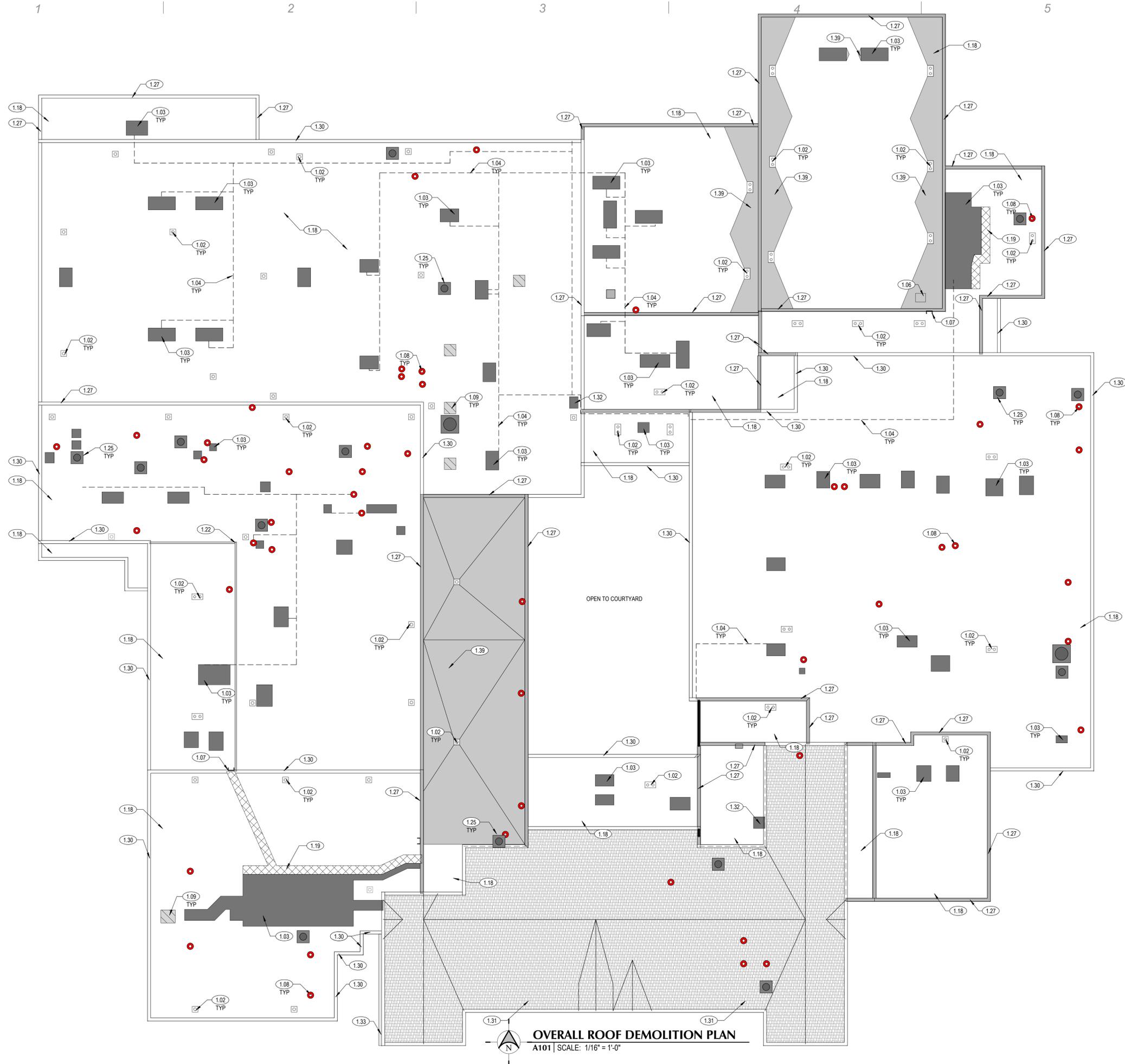
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 CURTIS MINER ARCHITECTURE <small>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 cma@cmatah.com</small>	DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL
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PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601	OWNER:  Provo City SCHOOL DISTRICT
SHEET DESCRIPTION: ROOF SYSTEM TYPE KEY PLAN	 08 JUNE 2020 SHEET: A102

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

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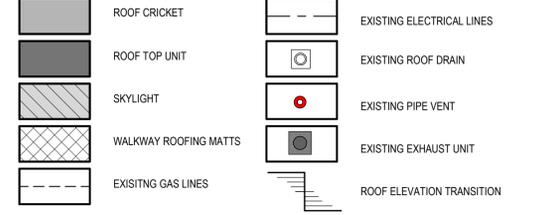


MARK	REVISION	DATE

SHEET NOTES

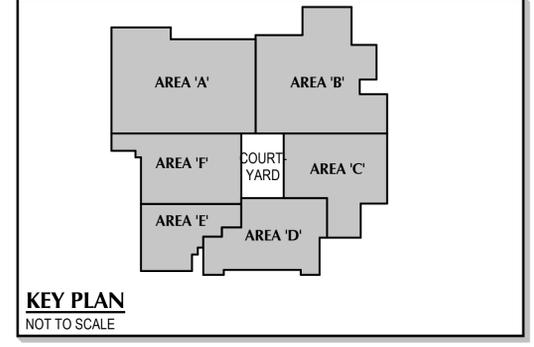
- 1.02 EXISTING ROOF DRAIN TO BE REMOVED AND REINSTALLED AS PART OF REROOF.
- 1.03 EXISTING RTU TO REMAIN. UNIT TO BE LIFTED TO ALLOW FOR NEW MEMBRANE TO EXTEND UP AND OVER NEW NAILES AND EXISTING CURBS PER DETAILS.
- 1.04 EXISTING GAS LINE AND OR ELECTRICAL CONDUIT TO REMAIN, WITH ALL GAS LINE AND OR ELECTRICAL CONDUIT WOOD BLOCKS TO BE REPLACED WITH NEW REDWOOD BLOCKING. NEW BLOCKING SHALL BE WRAPPED IN ROOFING MEMBRANE PER SPEC.
- 1.06 EXISTING ROOF HATCH WITH CURB AND ACCESS LADDER BELOW TO REMAIN.
- 1.07 EXISTING ROOF ACCESS LADDER TO REMAIN.
- 1.08 EXISTING PIPE VENT. SEE PICTURES.
- 1.09 EXISTING SKYLIGHT TO REMAIN.
- 1.18 REMOVE EXISTING ROOFING DOWN TO DECK AND PREP FOR NEW INSULATION AND SINGLE PLY MEMBRANE.
- 1.19 REMOVE EXISTING PROTECTIVE ROOFING MATS.
- 1.22 EXPANSION JOINT TO BE REMOVED AND PREPARED FOR NEW EXPANSION JOINT.
- 1.25 EXISTING EXHAUST VENT TO REMAIN.
- 1.27 REMOVE ALL PARAPET CAPS, FLASHING AND NAILER AND PREP FOR NEW NAILER AND FLASHINGS.
- 1.30 REMOVE EXISTING NAILER AND FLASHING AND PREP FOR NEW NAILER AND FLASHING.
- 1.31 SHINGLE AND UNDERLAYMENT TO BE REMOVED DOWN TO THE ROOF DECKING/SUBSTRATE. SUBSTRATE TO BE PREPARED TO RECEIVE NEW ASPHALT SHINGLES.
- 1.32 EXISTING CHIMNEY TO REMAIN.
- 1.33 EXISTING RAIN-GUTTER AND DOWNSPOUT TO BE REMOVED AND REINSTALLED AS PART OF REROOF.
- 1.39 EXISTING CRICKETS TO BE REMOVED.

ROOF TOP LEGEND



GENERAL NOTES

- A. PROVIDE NEW PRE-FINISHED/PAINTED METAL FLASHING AT AREAS VISIBLE TO PUBLIC. PROVIDE GALVANIZED METAL FLASHING TO NON-VISIBLE AREAS.
- B. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, JOBS CONDITIONS, VENTS, ROOF DRAINS, PIPE AND MECHANICAL UNIT LOCATIONS.
- C. WALK-OFF MATS - PROVIDE AND INSTALL 36" X 48" PADS AT BOTH SIDES OF LADDERS AND ROOF HATCHES.
- D. ROOF MOUNTED EQUIPMENT AND PENETRATIONS SHOWN ON THIS SHEET ARE EXISTING AND WILL REMAIN.
- E. CONTRACTOR SHALL REMOVE ALL EXISTING FLASHINGS AND COPINGS AND INSTALL NEW FLASHINGS AND COPINGS AS NEEDED.
- F. DISSIMILAR METAL TYPES SUBJECT TO ELECTROLYTIC REACTION SHOULD BE PHYSICALLY SEPARATED.
- G. CONTRACTORS TO REMOVE EXISTING EXPANSION JOINTS AND JOINT COVERS. TYPICAL IN PREPARATION FOR NEW EXPANSION JOINTS PER SPEC AND DETAILS.
- H. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT EXISTING, ROOF PIPING, EQUIPMENT, ETC THAT IS TO REMAIN. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PATCH REPAIR OR REPLACE ANY DAMAGED ITEMS DURING CONSTRUCTION.



<p>CURTIS MINER ARCHITECTURE</p> <p>233 SOUTH PLEASANT GROVE BLVD. SUITE #102 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 768-3000 cma@cmautah.com</p>	<p>DATE: JUNE 08, 2020</p> <p>PROJECT #: CMA 20-036</p> <p>PROJ. MAN.: CLL</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>

<p>SHEET DESCRIPTION:</p> <p>ROOF DEMOLITION PLAN</p>	<p>SHEET:</p> <p>A101</p>
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PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

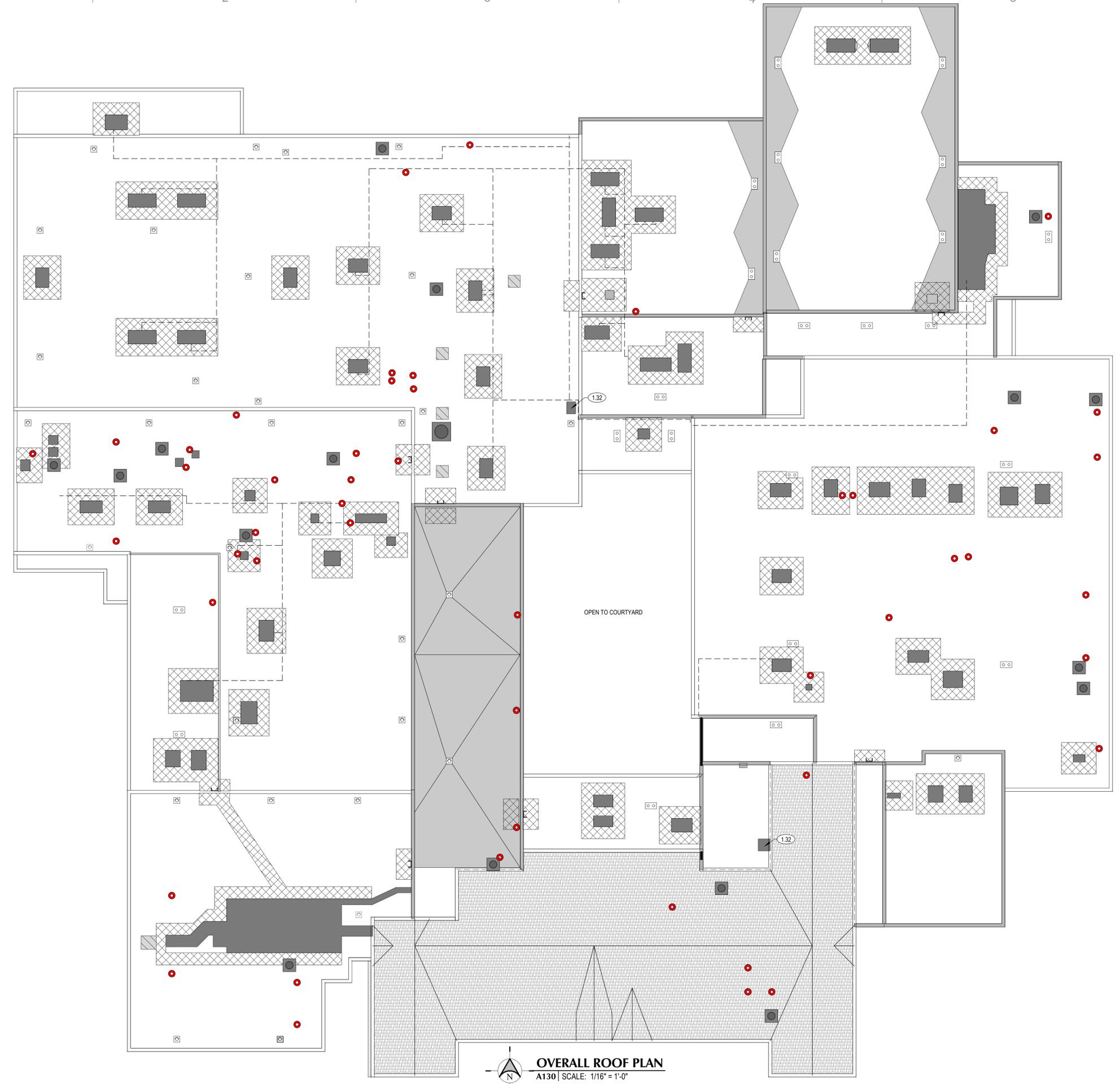
1 | 2 | 3 | 4 | 5

A

B

C

D



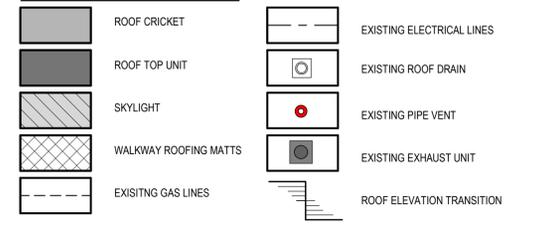
OVERALL ROOF PLAN
A130 | SCALE: 1/16" = 1'-0"

MARK	REVISION	DATE

SHEET NOTES

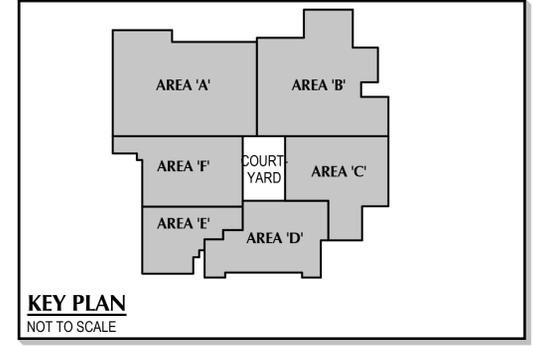
1.32 EXISTING CHIMNEY TO REMAIN.

ROOF TOP LEGEND



GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. MINIMUM ROOF CLASSIFICATION TO BE AS NOTED ON THE CODE ANALYSIS.
- C. COORDINATE INSTALLATION OF ALL "AFTER CONTRACT" ASSEMBLIES PRIOR TO CONSTRUCTION OF ADJOINING OR RELATED STRUCTURES.
- D. MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT.
- E. INSULATE ENTIRE ROOF WITH R-30 POLYISOCYANURATE ABOVE ROOF DECKING.
- F. FLASH AND COUNTER FLASH ALL ROOF PENETRATIONS PER SINGLE-PLY MANUFACTURER'S RECOMMENDATIONS.
- G. TIE PRIMARY ROOF DRAINS INTO SITE STORM DRAINAGE SYSTEM. TIE SECONDARY ROOF DRAINS THROUGH BRASS SCUPPERS.
- H. ALL MECHANICAL UNITS AND ROOF PENETRATIONS MAY NOT BE SHOWN. REFER TO ENGINEERING SHEETS FOR ALL REQUIRED MECHANICAL UNITS AND ROOF PENETRATIONS. PROVIDE FLASHING, CRICKETS, AND REGLETS AT EACH UNIT. CRICKETS TO SLOPE 1/4" PER FOOT MINIMUM. SEE TYPICAL ROOF DETAILS.
- J. MECHANICAL CURBS TO BE 8" MINIMUM ABOVE NEAREST HORIZONTAL OR SLOPED ROOF SURFACE.
- K. SLEEPER INSTALLATION NOT PERMITTED AT MECHANICAL UNITS. PROVIDE FULL MECHANICAL CURB DETAILING.
- L. DO NOT SCALE DRAWINGS.



 CURTIS MINER ARCHITECTURE	233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 cma@cmaur.com	DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL
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PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601		OWNER: Provo City SCHOOL DISTRICT
SHEET DESCRIPTION: OVERALL ROOF PLAN		SHEET: A130

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PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

MARK	REVISION	DATE

SHEET NOTES

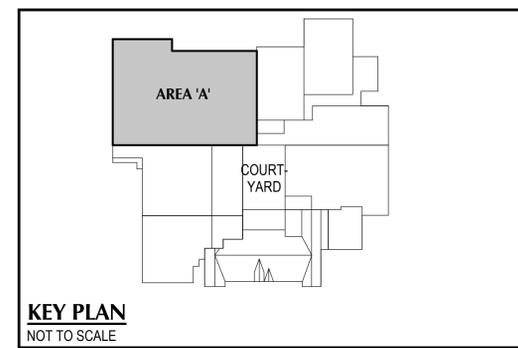
- 1.02 EXISTING ROOF DRAIN TO BE REMOVED AND REINSTALLED AS PART OF REROOF.
- 1.03 EXISTING RTU TO REMAIN. UNIT TO BE LIFTED TO ALLOW FOR NEW MEMBRANE TO EXTEND UP AND OVER NEW NAILER AND EXISTING CURB PER DETAILS.
- 1.04 EXISTING GAS LINE AND/OR ELECTRICAL CONDUIT TO REMAIN. WITH ALL GAS LINE AND/OR ELECTRICAL CONDUIT WOOD BLOCKS TO BE REPLACED WITH NEW REDWOOD BLOCKING. NEW BLOCKING SHALL BE WRAPPED IN ROOFING MEMBRANE PER SPEC.
- 1.08 EXISTING PIPE VENT. SEE PICTURES.
- 1.09 EXISTING SKYLIGHT TO REMAIN.
- 1.12 SINGLE-PLY PVC ROOF MEMBRANE.
- 1.13 NEW WALL MOUNTED PREFINISHED METAL ROOF ACCESS LADDER. SEE DETAIL.
- 1.15 FULLY ADHEARED PROTECTIVE ROOFING MATS 4'-0" AROUND PERIMETER OF ROOF HATCHES, LADDERS, ACCESS DOORS, ROOF TOP MECHANICAL EQUIPMENT, ETC. SEE SPECIFICATIONS.
- 1.25 EXISTING EXHAUST VENT TO REMAIN.
- 1.28 NEW NAILER AND FLASHING TO BE INSTALLED.
- 1.29 NEW PARPET CAP, FLASHING AND NAILER TO BE INSTALLED.
- 1.40 EXISTING CHIMNEY TO REMAIN, FLASH AS REQUIRED PER MANUFACTURES RECOMMENDATIONS.

ROOF TOP LEGEND

	ROOF CRICKET		EXISTING ELECTRICAL LINES
	ROOF TOP UNIT		EXISTING ROOF DRAIN
	SKYLIGHT		EXISTING PIPE VENT
	WALKWAY ROOFING MATTS		EXISTING EXHAUST UNIT
	EXISTING GAS LINES		ROOF ELEVATION TRANSITION

GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. MINIMUM ROOF CLASSIFICATION TO BE AS NOTED ON THE CODE ANALYSIS.
- C. COORDINATE INSTALLATION OF ALL "AFTER CONTRACT" ASSEMBLIES PRIOR TO CONSTRUCTION OF ADJOINING OR RELATED STRUCTURES.
- D. MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT.
- E. INSULATE ENTIRE ROOF WITH R-30 POLYISOCYANURATE ABOVE ROOF DECKING.
- F. FLASH AND COUNTER FLASH ALL ROOF PENETRATIONS PER SINGLE-PLY MANUFACTURERS RECOMMENDATIONS.
- G. TIE PRIMARY ROOF DRAINS INTO SITE STORM DRAINAGE SYSTEM. TIE SECONDARY ROOF DRAINS THROUGH BRASS SCUPPERS.
- H. ALL MECHANICAL UNITS AND ROOF PENETRATIONS MAY NOT BE SHOWN. REFER TO ENGINEERING SHEETS FOR ALL REQUIRED MECHANICAL UNITS AND ROOF PENETRATIONS. PROVIDE FLASHING, CRICKETS, AND REGLETS AT EACH UNIT. CRICKETS TO SLOPE 1/4" PER FOOT MINIMUM. SEE TYPICAL ROOF DETAILS.
- J. MECHANICAL CURBS TO BE 8" MINIMUM ABOVE NEAREST HORIZONTAL OR SLOPED ROOF SURFACE.
- K. SLEEPER INSTALLATION NOT PERMITTED AT MECHANICAL UNITS. PROVIDE FULL MECHANICAL CURB DETAILING.
- L. DO NOT SCALE DRAWINGS.



DATE: JUNE 08, 2020
 PROJECT #: CMA 20-036
 PROJ. MAN.: CLL
 CHECKED BY: CLL

CURTIS MINER ARCHITECTURE
 233 SOUTH PLEASANT GROVE, BLVD. SUITE #105, PLEASANT GROVE, UTAH 84602
 PHONE: (801) 769-3000
 cma@cmna.com

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PROJECT: **DIXON MIDDLE SCHOOL REROOF**
 PROJECT ADDRESS: 750 WEST 200 NORTH, PROVO, UTAH 84601

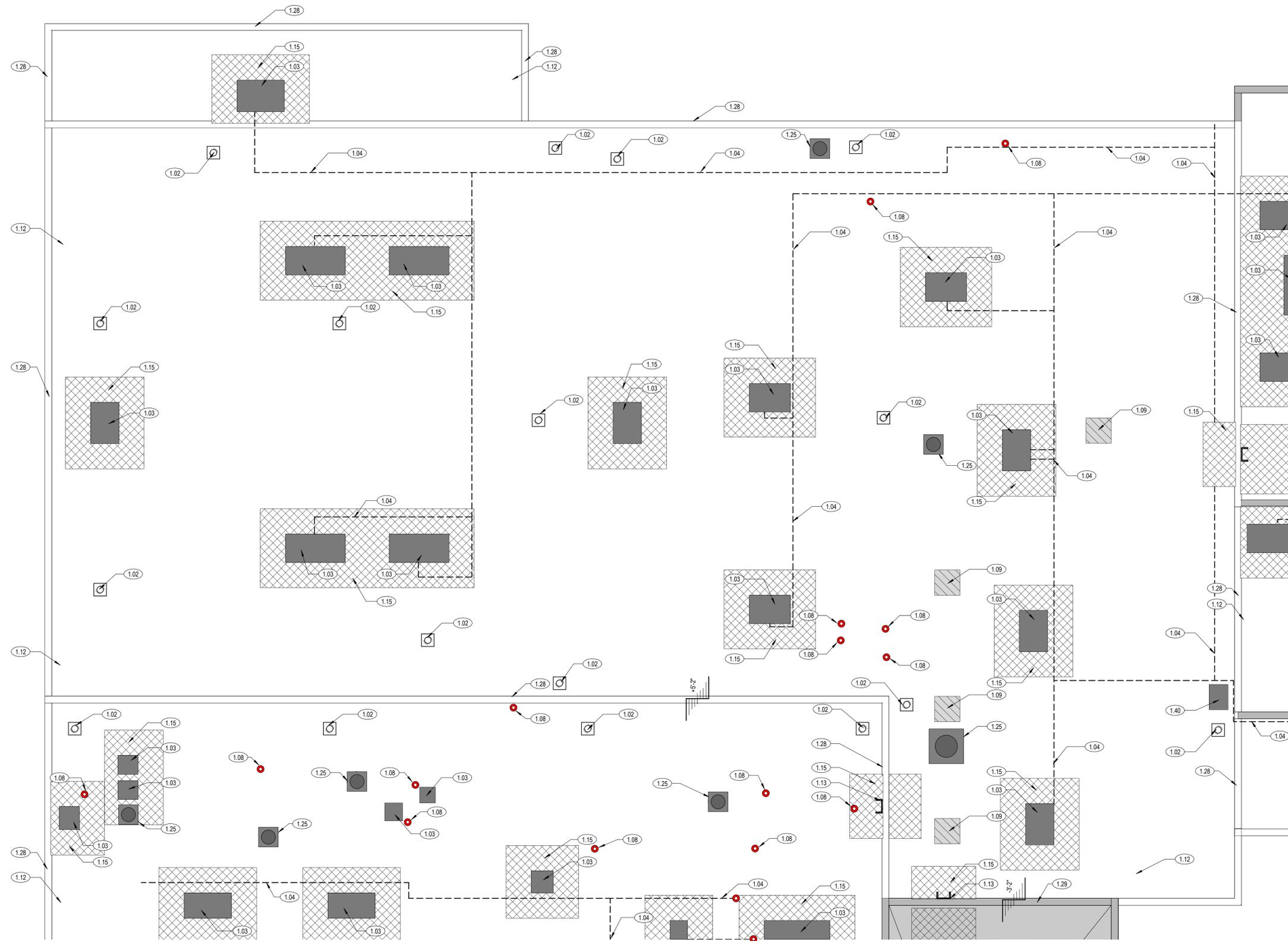
OWNER: **PROVO CITY SCHOOL DISTRICT**

LICENCED ARCHITECT CURTIS MINER LIVINGSTON
 No. 10066404
 08 JUNE 2020

SHEET DESCRIPTION: AREA 'A' ROOF PLAN
 SHEET: **A131**

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

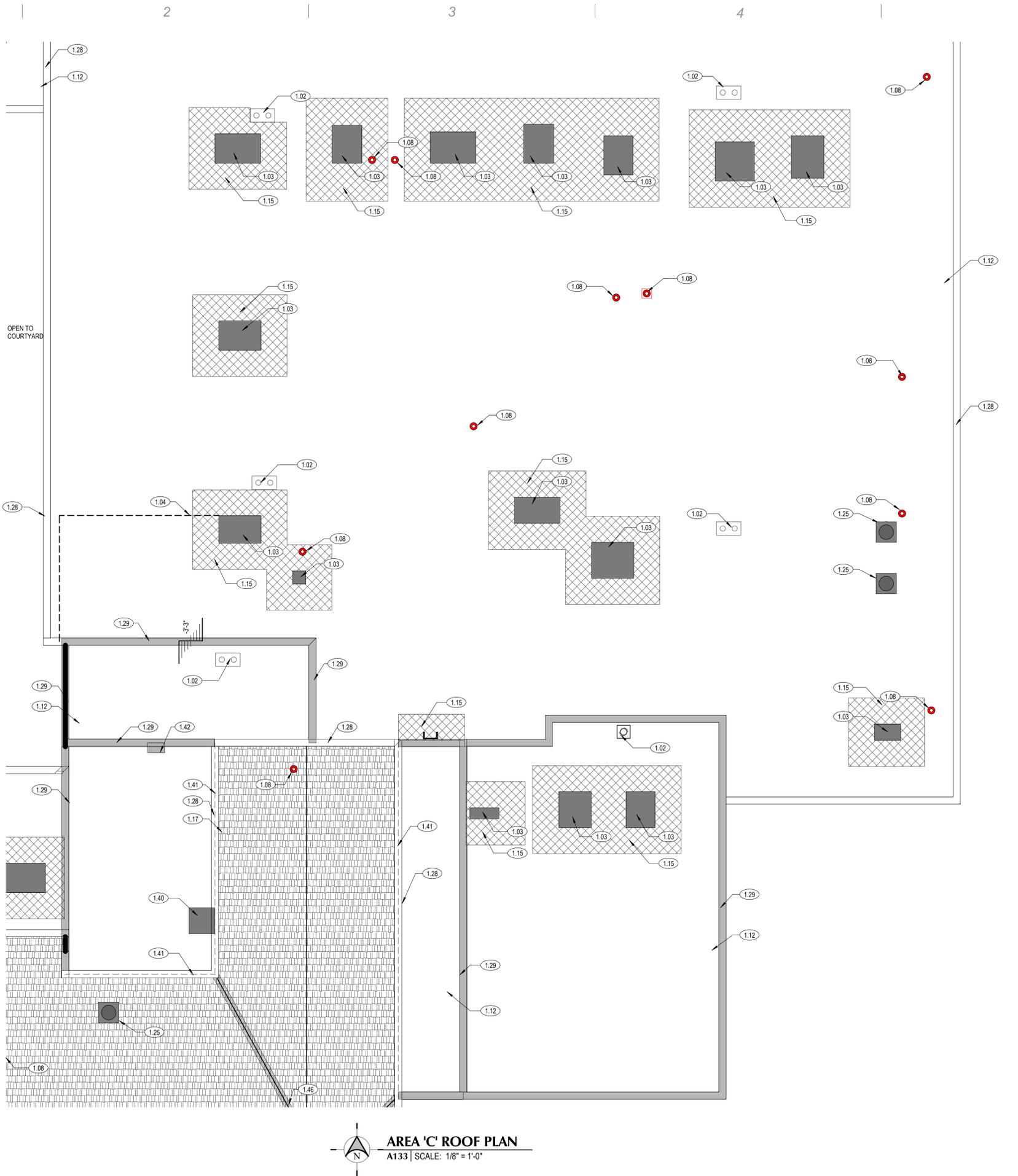
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AREA 'A' ROOF PLAN
 A131 | SCALE: 1/8" = 1'-0"

BID DOCUMENTS

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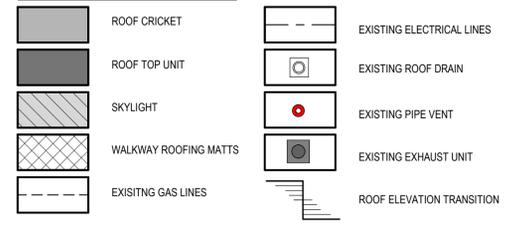
AREA 'C' ROOF PLAN
A133 | SCALE: 1/8" = 1'-0"

MARK	REVISION	DATE

SHEET NOTES

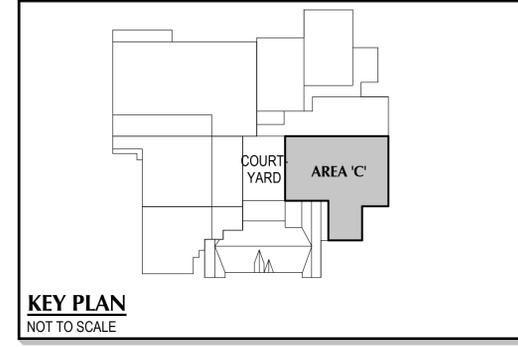
- 1.02 EXISTING ROOF DRAIN TO BE REMOVED AND REINSTALLED AS PART OF REROOF.
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- 1.04 EXISTING GAS LINE AND/OR ELECTRICAL CONDUIT TO REMAIN. WITH ALL GAS LINE AND/OR ELECTRICAL CONDUIT WOOD BLOCKS TO BE REPLACED WITH NEW REDWOOD BLOCKING. NEW BLOCKING SHALL BE WRAPPED IN ROOFING MEMBRANE PER SPEC.
- 1.08 EXISTING PIPE VENT. SEE PICTURES.
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- 1.17 EXISTING ROOF TO BE RE-ROOFED WITH ASPHALT SHINGLES.
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- 1.41 TRANSITION FROM SHINGLES TO SINGLE PLY ROOFING SEE DETAIL B2/A530.
- 1.42 NEW THROUGH WALL SCUPPER.
- 1.46 IN ALL VALLEYS OF ASPHALT SHINGLE ROOF SYSTEM PROVIDE METAL FLASHING OVER ICE AND WATER SHIELD 6" BACK FROM DRIP EDGE.

ROOF TOP LEGEND



GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. MINIMUM ROOF CLASSIFICATION TO BE AS NOTED ON THE CODE ANALYSIS.
- C. COORDINATE INSTALLATION OF ALL "AFTER CONTRACT" ASSEMBLIES PRIOR TO CONSTRUCTION OF ADJOINING OR RELATED STRUCTURES.
- D. MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT.
- E. INSULATE ENTIRE ROOF WITH R-30 POLYISOCYANURATE ABOVE ROOF DECKING.
- F. FLASH AND COUNTER FLASH ALL ROOF PENETRATIONS PER SINGLE-PLY MANUFACTURER'S RECOMMENDATIONS.
- G. TIE PRIMARY ROOF DRAINS INTO SITE STORM DRAINAGE SYSTEM. TIE SECONDARY ROOF DRAINS THROUGH BRASS SCUPPERS.
- H. ALL MECHANICAL UNITS AND ROOF PENETRATIONS MAY NOT BE SHOWN. REFER TO ENGINEERING SHEETS FOR ALL REQUIRED MECHANICAL UNITS AND ROOF PENETRATIONS. PROVIDE FLASHING, CRICKETS, AND REGLETS AT EACH UNIT. CRICKETS TO SLOPE 1/4" PER FOOT MINIMUM. SEE TYPICAL ROOF DETAILS.
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	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>
<p>SHEET DESCRIPTION: AREA 'C' ROOF PLAN</p>	<p>SHEET: A133</p>

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

1

2

3

4

5

A

B

C

D

MARK	REVISION	DATE

SHEET NOTES

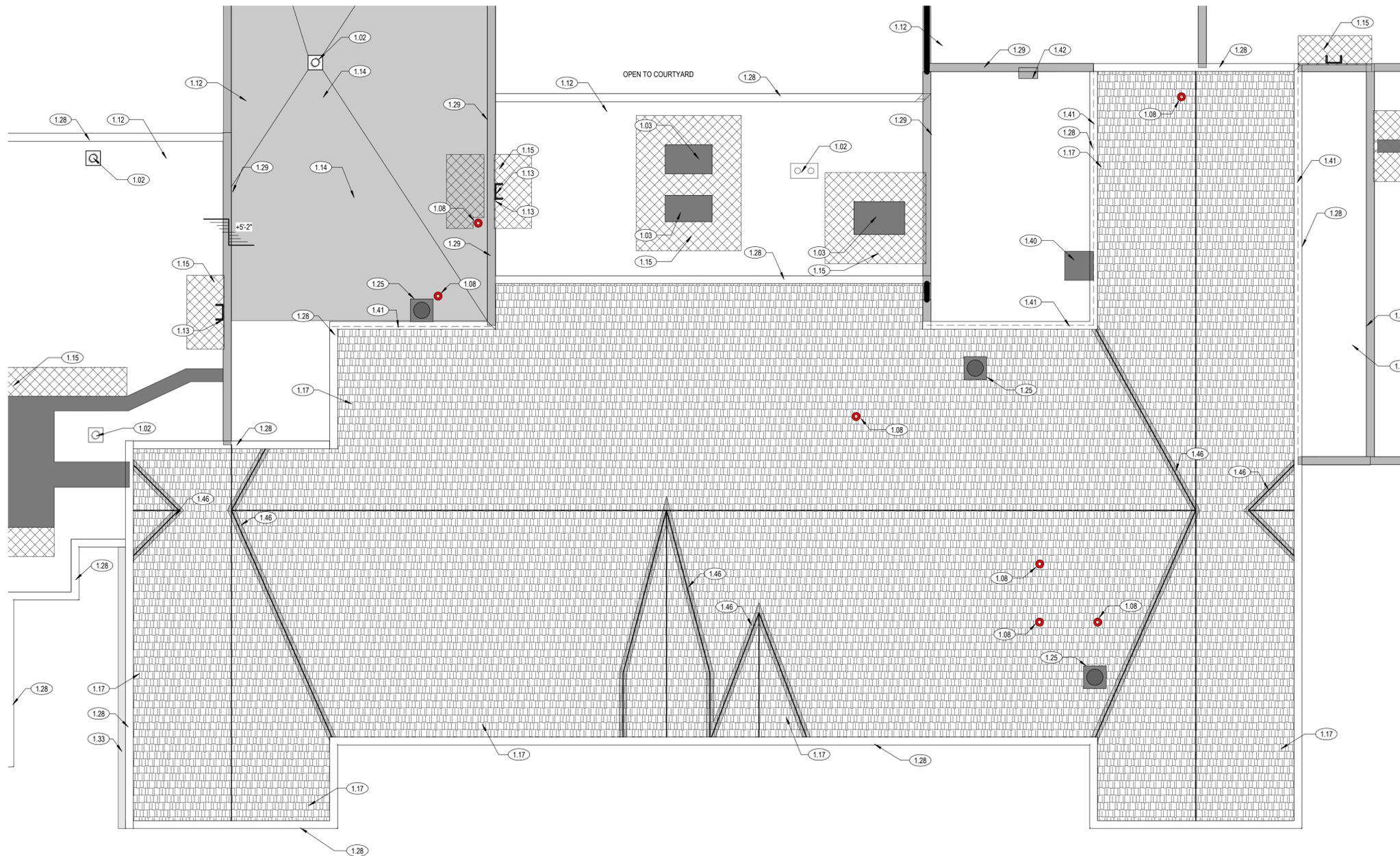
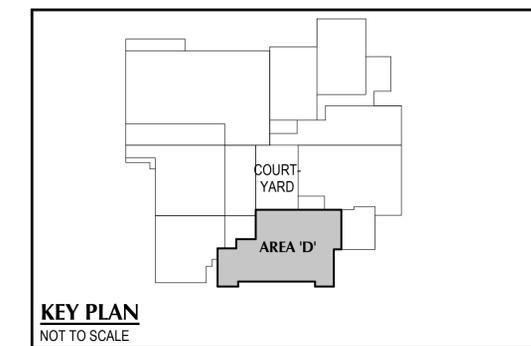
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ROOF TOP LEGEND

	ROOF CRICKET		EXISTING ELECTRICAL LINES
	ROOF TOP UNIT		EXISTING ROOF DRAIN
	SKYLIGHT		EXISTING PIPE VENT
	WALKWAY ROOFING MATTS		EXISTING EXHAUST UNIT
	EXISTING GAS LINES		ROOF ELEVATION TRANSITION

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- H. ALL MECHANICAL UNITS AND ROOF PENETRATIONS MAY NOT BE SHOWN. REFER TO ENGINEERING SHEETS FOR ALL REQUIRED MECHANICAL UNITS AND ROOF PENETRATIONS. PROVIDE FLASHING, CRICKETS, AND REGLETS AT EACH UNIT. CRICKETS TO SLOPE 1/4" PER FOOT MINIMUM. SEE TYPICAL ROOF DETAILS.
- J. MECHANICAL CURBS TO BE 8" MINIMUM ABOVE NEAREST HORIZONTAL OR SLOPED ROOF SURFACE.
- K. SLEEPER INSTALLATION NOT PERMITTED AT MECHANICAL UNITS. PROVIDE FULL MECHANICAL CURB DETAILING.
- L. DO NOT SCALE DRAWINGS.




AREA 'D' ROOF PLAN
 A134 | SCALE: 1/8" = 1'-0"

BIM 360://20-036 Dixon and Wasatch Reroof/20-036 Dixon Middle School Reroof.rvt
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 CURTIS MINER ARCHITECTURE	233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 799-3000 cma@cmautah.com	DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL
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PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601	OWNER:  Provo City SCHOOL DISTRICT	
SHEET DESCRIPTION: AREA 'D' ROOF PLAN		SHEET: A134

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

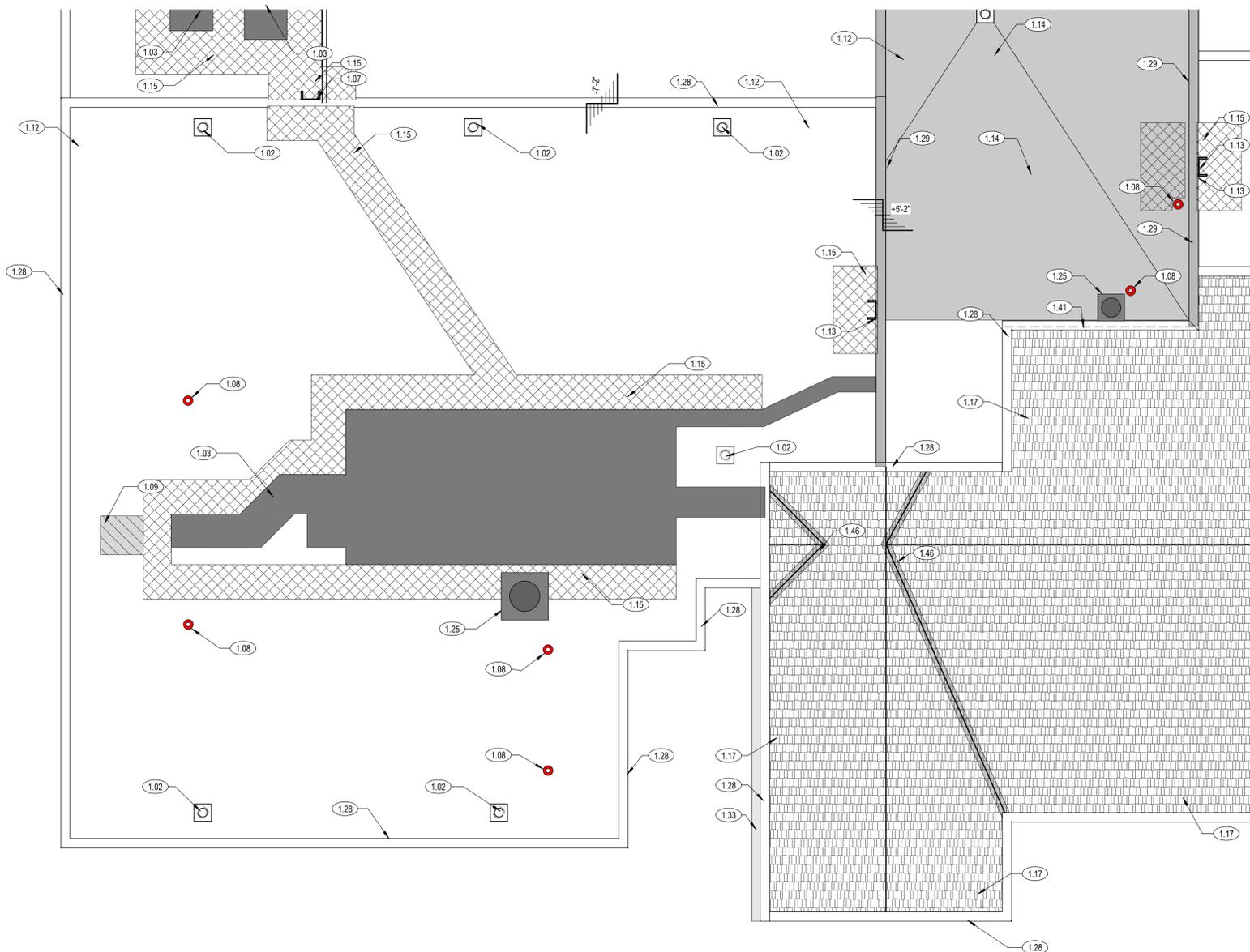
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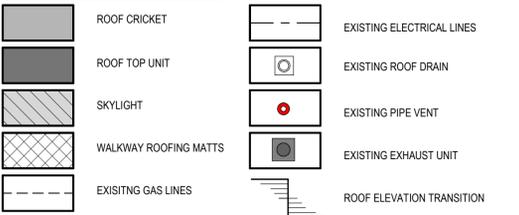
AREA 'E' ROOF PLAN
 A135 | SCALE: 1/8" = 1'-0"

MARK	REVISION	DATE

SHEET NOTES

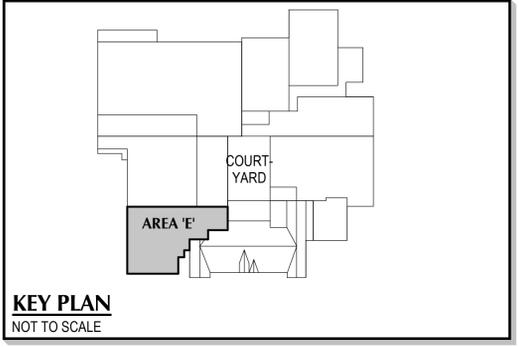
- 1.02 EXISTING ROOF DRAIN TO BE REMOVED AND REINSTALLED AS PART OF REROOF.
- 1.03 EXISTING RTU TO REMAIN. UNIT TO BE LIFTED TO ALLOW FOR NEW MEMBRANE TO EXTEND UP AND OVER NEW NAILER AND EXISTING CURB PER DETAILS.
- 1.07 EXISTING ROOF ACCESS LADDER TO REMAIN.
- 1.08 EXISTING PIPE VENT. SEE PICTURES.
- 1.09 EXISTING SKYLIGHT TO REMAIN.
- 1.12 SINGLE-PLY PVC ROOF MEMBRANE.
- 1.14 NEW WALL MOUNTED PREFINISHED METAL ROOF ACCESS LADDER. SEE DETAIL.
- 1.15 FULLY ADHESED PROTECTIVE ROOFING MATS 4'-0" AROUND PERIMETER OF ROOF HATCHES, LADDERS, ACCESS DOORS, ROOF TOP MECHANICAL EQUIPMENT, ETC. SEE SPECIFICATIONS.
- 1.17 EXISTING ROOF TO BE RE-ROOFED WITH ASPHALT SHINGLES.
- 1.25 EXISTING EXHAUST VENT TO REMAIN.
- 1.28 NEW NAILER AND FLASHING TO BE INSTALLED.
- 1.29 NEW PARPET CAP, FLASHING AND NAILER TO BE INSTALLED.
- 1.33 EXISTING RAIN-GUTTER AND DOWNSPOUT TO BE REMOVED AND REINSTALLED AS PART OF REROOF.
- 1.41 TRANSITION FROM SHINGLES TO SINGLE PLY ROOFING SEE DETAIL B2/A530
- 1.46 IN ALL VALLEYS OF ASPHALT SHINGLE ROOF SYSTEM PROVIDE METAL FLASHING OVER ICE AND WATER SHIELD 6" BACK FROM DRIP EDGE.

ROOF TOP LEGEND



GENERAL NOTES

- A. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
- B. MINIMUM ROOF CLASSIFICATION TO BE AS NOTED ON THE CODE ANALYSIS.
- C. COORDINATE INSTALLATION OF ALL "AFTER CONTRACT" ASSEMBLIES PRIOR TO CONSTRUCTION OF ADJOINING OR RELATED STRUCTURES.
- D. MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT.
- E. INSULATE ENTIRE ROOF WITH R-30 POLYISOCYANURATE ABOVE ROOF DECKING.
- F. FLASH AND COUNTER FLASH ALL ROOF PENETRATIONS PER SINGLE-PLY MANUFACTURER'S RECOMMENDATIONS.
- G. TIE PRIMARY ROOF DRAINS INTO SITE STORM DRAINAGE SYSTEM. TIE SECONDARY ROOF DRAINS THROUGH BRASS SCUPPERS.
- H. ALL MECHANICAL UNITS AND ROOF PENETRATIONS MAY NOT BE SHOWN. REFER TO ENGINEERING SHEETS FOR ALL REQUIRED MECHANICAL UNITS AND ROOF PENETRATIONS. PROVIDE FLASHING, CRICKETS, AND REGLETS AT EACH UNIT. CRICKETS TO SLOPE 1/4" PER FOOT MINIMUM. SEE TYPICAL ROOF DETAILS.
- J. MECHANICAL CURBS TO BE 8" MINIMUM ABOVE NEAREST HORIZONTAL OR SLOPED ROOF SURFACE.
- K. SLEEPER INSTALLATION NOT PERMITTED AT MECHANICAL UNITS. PROVIDE FULL MECHANICAL CURB DETAILING.
- L. DO NOT SCALE DRAWINGS.



 CURTIS MINER ARCHITECTURE 233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84602 PHONE: (801) 769-3000 cma@cmautah.com	DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL
	PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601 OWNER: PROVO CITY SCHOOL DISTRICT
SHEET DESCRIPTION: AREA 'E' ROOF PLAN	SHEET: A135

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

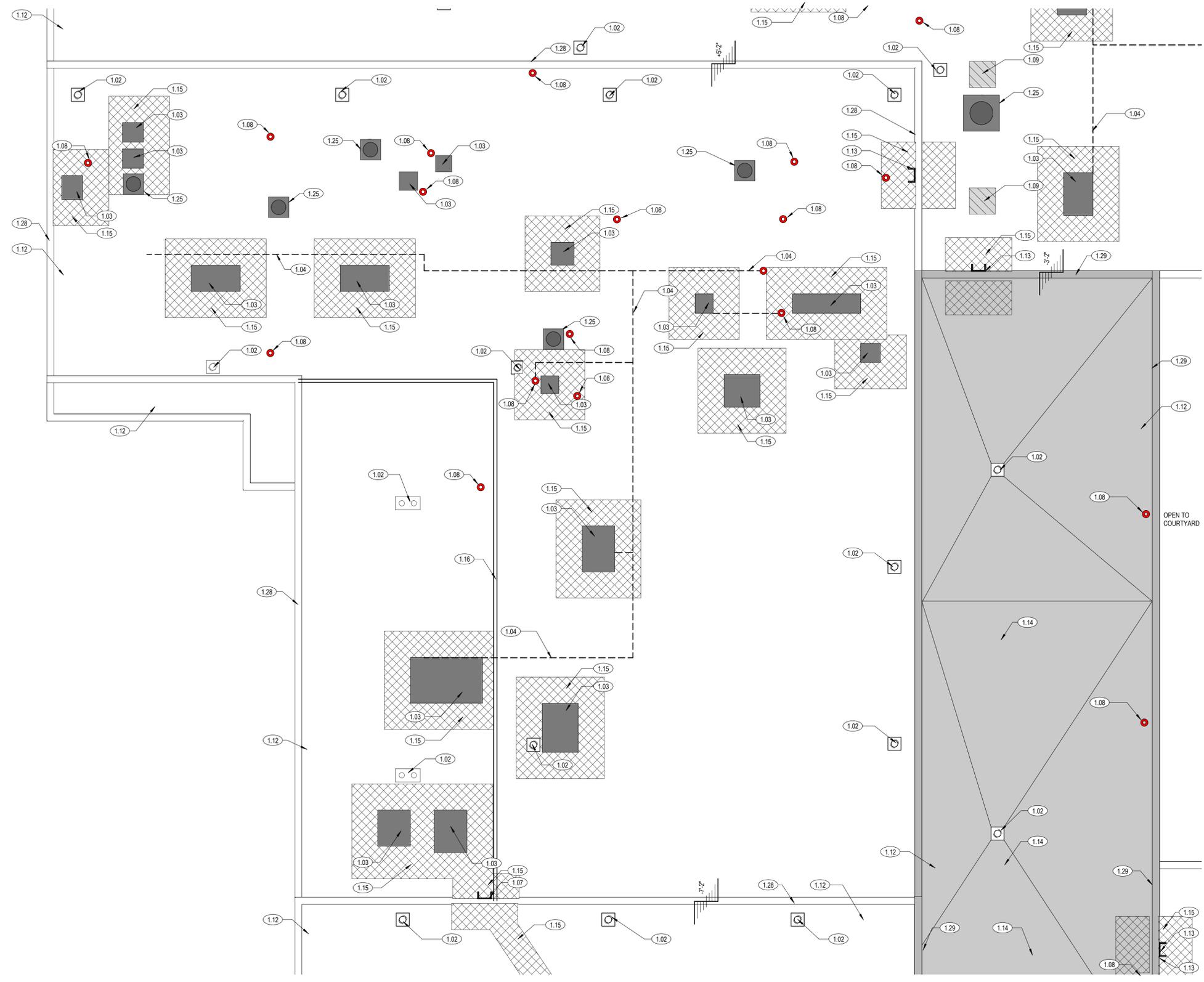
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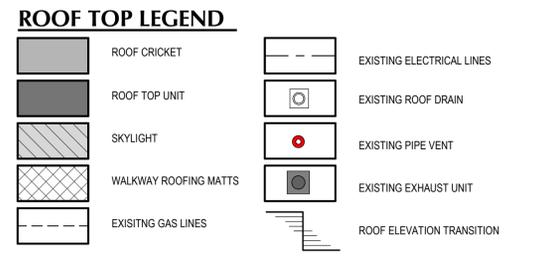
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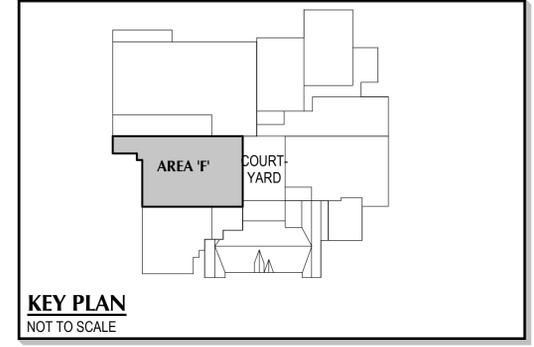
AREA 'F' ROOF PLAN
A136 | SCALE: 1/8" = 1'-0"

MARK	REVISION	DATE

- SHEET NOTES**
- EXISTING ROOF DRAIN TO BE REMOVED AND REINSTALLED AS PART OF REROOF.
 - EXISTING RTU TO REMAIN. UNIT TO BE LIFTED TO ALLOW FOR NEW MEMBRANE TO EXTEND UP AND OVER NEW NAILER AND EXISTING CURB PER DETAILS.
 - EXISTING GAS LINE AND OR ELECTRICAL CONDUIT TO REMAIN. WITH ALL GAS LINE AND OR ELECTRICAL CONDUIT WOOD BLOCKS TO BE REPLACED WITH NEW REDWOOD BLOCKING. NEW BLOCKING SHALL BE WRAPPED IN ROOFING MEMBRANE PER SPEC.
 - EXISTING ROOF ACCESS LADDER TO REMAIN.
 - EXISTING PIPE VENT. SEE PICTURES.
 - EXISTING SKYLIGHT TO REMAIN.
 - SINGLE-PLY PVC ROOF MEMBRANE.
 - NEW WALL MOUNTED PREFINISHED METAL ROOF ACCESS LADDER. SEE DETAIL.
 - ROOF CRICKETS, SLOPE 1/4" PER FOOT MINIMUM.
 - FULLY ADHERED PROTECTIVE ROOFING MATS 4'-0" AROUND PERIMETER OF ROOF HATCHES, LADDERS, ACCESS DOORS, ROOF TOP MECHANICAL EQUIPMENT, ETC. SEE SPECIFICATIONS.
 - ADD WEDGE CRICKETING ALONG GYM WALLS.
 - EXISTING EXHAUST VENT TO REMAIN.
 - NEW NAILER AND FLASHING TO BE INSTALLED.
 - NEW PARPET CAP, FLASHING AND NAILER TO BE INSTALLED.



- GENERAL NOTES**
- GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO CONSTRUCTION. REPORT ANY SIGNIFICANT DISCREPANCIES TO THE ARCHITECT.
 - MINIMUM ROOF CLASSIFICATION TO BE AS NOTED ON THE CODE ANALYSIS.
 - COORDINATE INSTALLATION OF ALL "AFTER CONTRACT" ASSEMBLIES PRIOR TO CONSTRUCTION OF ADJOINING OR RELATED STRUCTURES.
 - MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT.
 - INSULATE ENTIRE ROOF WITH R-30 POLYISOCYANURATE ABOVE ROOF DECKING.
 - FLASH AND COUNTER FLASH ALL ROOF PENETRATIONS PER SINGLE-PLY MANUFACTURER'S RECOMMENDATIONS.
 - TIE PRIMARY ROOF DRAINS INTO SITE STORM DRAINAGE SYSTEM. TIE SECONDARY ROOF DRAINS THROUGH BRASS SCUPPERS.
 - ALL MECHANICAL UNITS AND ROOF PENETRATIONS MAY NOT BE SHOWN. REFER TO ENGINEERING SHEETS FOR ALL REQUIRED MECHANICAL UNITS AND ROOF PENETRATIONS. PROVIDE FLASHING, CRICKETS, AND REGLETS AT EACH UNIT. CRICKETS TO SLOPE 1/4" PER FOOT MINIMUM. SEE TYPICAL ROOF DETAILS.
 - MECHANICAL CURBS TO BE 8" MINIMUM ABOVE NEAREST HORIZONTAL OR SLOPED ROOF SURFACE.
 - SLEEPER INSTALLATION NOT PERMITTED AT MECHANICAL UNITS. PROVIDE FULL MECHANICAL CURB DETAILING.
 - DO NOT SCALE DRAWINGS.



 CURTIS MINER ARCHITECTURE 233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 cma@cmaurban.com	DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL
	PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601
SHEET DESCRIPTION: AREA 'F' ROOF PLAN	SHEET: A136

BIM 360/1/20-036 Dixon and Wasatch Reroof/20-036 Dixon Middle School Reroof.rvt
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PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

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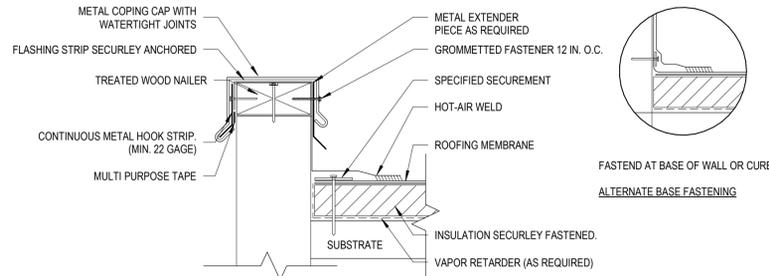
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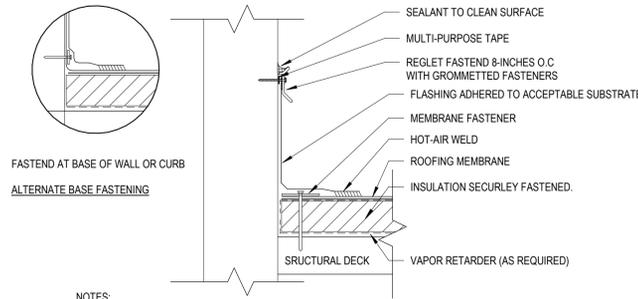
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MARK	REVISION	DATE



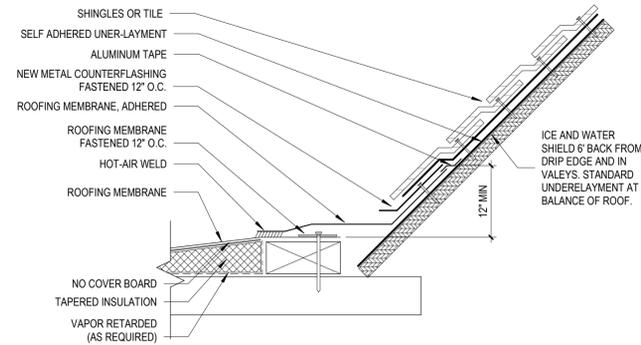
NOTES:
 1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
 2) METAL EXTENDER PIECE IS REQUIRED IF EXISTING COUNTERFLASHING IS CONTAMINATED AND OR COUNTERFLASHING FASCIA IS LESS THAN 4-INCHES WIDE.
 3) VAPOR BARRIER SHALL BE SEALED AT EDGES.

A3 PARAPET WALL WITH METAL COPING CAP
 A530 | SCALE: 3" = 1'-0"

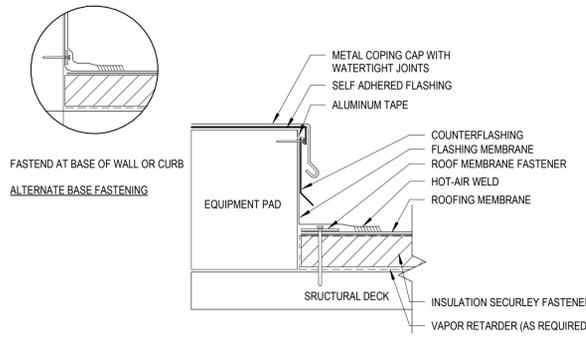


NOTES:
 1) SEALANT IS A TWO STEP APPLICATION.
 A) BEHIND TOP OF FLASHING.
 B) TOP OF REGLET.
 2) SEALANT SHALL BE APPLIED TO CLEAN ACCEPTABLE SURFACES.
 3) SEALANT IS A MAINTENANCE ITEM. MAINTENANCE IS NOT COVERED UNDER THE WARRANTY.
 4) REGLET SHALL BE SECURELY ANCHORED WITH GROMMETTED FASTENERS AND PROVIDE ADEQUATE COMPRESSION OF MEMBRANE FLASHING AND SEALANT.
 5) VAPOR RETARDER SHALL BE SEALED AT EDGES.

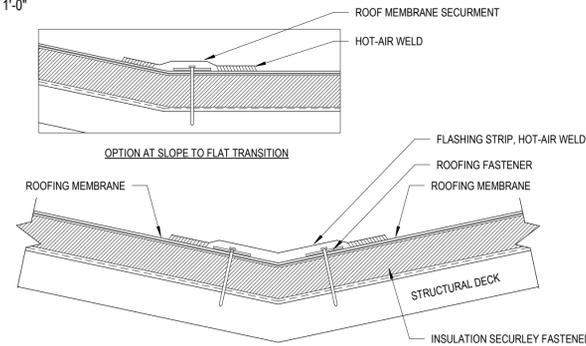
A5 TERMINATION
 A530 | SCALE: 3" = 1'-0"



B2 TIE-IN AT ASPHALT SHINGLES
 A530 | SCALE: 3" = 1'-0"

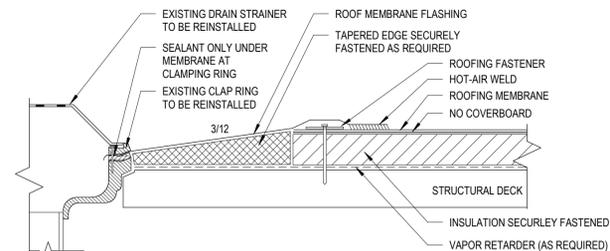


B4 EQUIPEMENT PAD DETAIL
 A530 | SCALE: 3" = 1'-0"



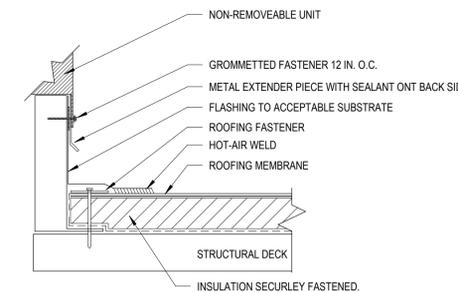
NOTES:
 1) WOOD NAILER TO MATCH HEIGHT OF INSULATION MAY BE REQUIRED AT VALLEY IF INSULATION THICKNESS EXCEEDS 2 INCHES.
 2) VAPOR RETARDER SHALL BE SEALED AT EDGES.

B5 SLOPE TRANSITION
 A530 | SCALE: 3" = 1'-0"



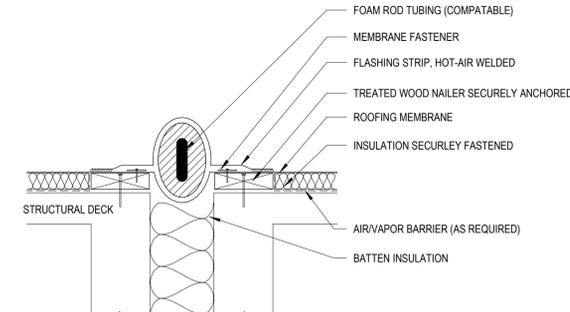
NOTES:
 1) EXISTING DRAIN BOWL, CLAMPING RING AND DRAIN ACCESSORIES ARE TO BE CLEANED FREE OF ALL CONTAMINATES.
 2) NEW ROOFING MEMBRANE MUST BE USED IN AREAS OF ASPHALT CONTAMINATION.
 3) VAPOR RETARDER SHALL BE SEALED AT EDGES.
 4) FOR SUMPS GREATER THAN 3/12 TO STEEP SUMP TECH BULLETINS.

C2 CLAMPING RING DRAIN
 A530 | SCALE: 3" = 1'-0"



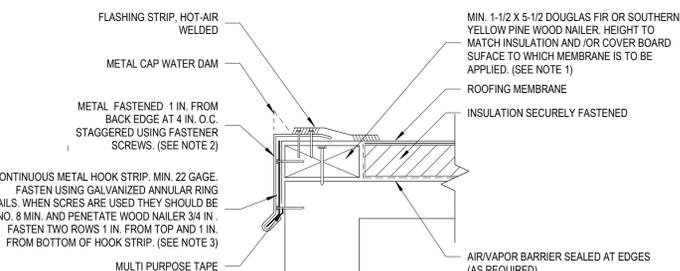
NOTES:
 1) METAL EXTENDER PIECE IS REQUIRED IF EXISTING COUNTERFLASHING IS CONTAMINATED AND OR COUNTERFLASHING FASCIA IS LESS THAN 4 INCHES WIDE. FASTENED 12 INCHES O.C. WITH GROMMETTED FASTENER.
 2) VAPOR RETARDER SHALL BE SEALED AT EDGES.

C4 NON-REMOVALBE CURB FLASHING
 A530 | SCALE: 3" = 1'-0"



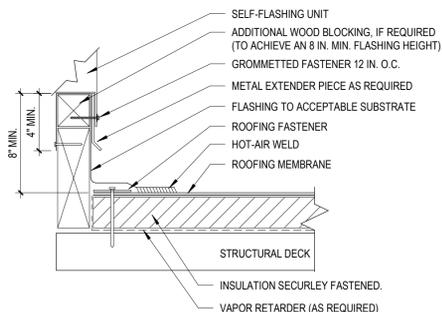
NOTES:
 1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A FORCE OF 300 POUNDS PER LINEAR FOOT IN ANY DIRECTION.
 2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

C5 EXPANSION JOINT WITH ROAM ROD
 A530 | SCALE: 1 1/2" = 1'-0"



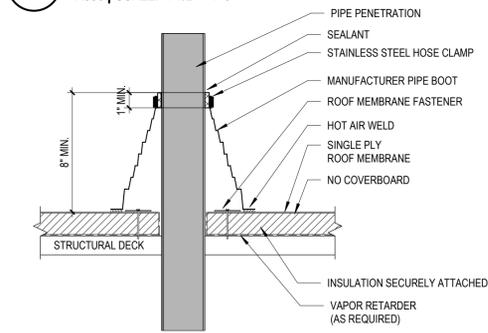
NOTES:
 1) WOOD NAILERS SHALL BE ATTACHED ACCORDING TO THE DESIGNERS SPEC. OR LOCAL CODE, WHICHEVER IS MORE STRINGENT.
 2) MAXIMUM "L" DIMENSIONS SHALL BE 7 IN. FOR F.M. 1-60, AND 5 IN. FOR F.M. 1-90 SYSTEMS.
 3) WITHDRAWAL RESISTANCE SHOULD BE 100 LB PER NAIL. MIN. FOR HOOK STRIP. ANNULAR RING NAILS SHOULD PENETRATE 1-1/4 IN. INTO NAILER.
 4) EXISTING WOOD NAILERS SHALL BE SECURED PER FACTORY MUTUAL LOSS PREVENTION DATA SHEET 1-49 RECOMMENDATIONS.
 5) FOLLOW FACTORY MUTUAL LOSS PREVENTION DATA SHEET 1-49 RECOMMENDATIONS.
 6) POSITION THE ROOFING MEMBRANE (NON-FELTED) OVER THE ROOF EDGE AND DOWN THE OUTSIDE FACE OF WALL, COVERING TREATED WOOD NAILER(S) COMPLETELY.

D2 METAL EDGE - HIGH WIND
 A530 | SCALE: 3" = 1'-0"



NOTES:
 1) METAL EXTENDER PIECE IS REQUIRED IF EXISTING COUNTERFLASHING IS CONTAMINATED AND OR COUNTERFLASHING FASCIA IS LESS THAN 4 INCHES WIDE. FASTENED 12 INCHES O.C. WITH GROMMETTED FASTENER.
 2) VAPOR RETARDER SHALL BE SEALED AT EDGES.

D4 REMOVALBE CURB FLASHING
 A530 | SCALE: 3" = 1'-0"



NOTES:
 1) SEALANT IS A MAINTENANCE ITEM. MAINTENANCE IS NOT COVERED BY WARRANTY.
 2) VAPOR RETARDER SHALL BE SEALED AT EDGES.
 3) PIPE SEAL MUST HAVE INTACT RIB AT TOP EDGE, REGARDLESS OF PIPE DIAMETER.
 4) DECK FLANGES OF THE PRE-MOLDED PIPE SEAL SHALL NOT BE OVERLAPPED, CUT OR APPLIED OVER ANY ANGLE CHANGE.
 5) THE EMPTY SPACE MAY BE FILLED WITH AN EXPANDING URETHANE FOAM. THIS WILL MINIMIZE CONDENSATION FORMATION AS WELL AS PROVIDING SOME RESILIENCY TO THE FINISHED DETAIL.

D5 DETAIL 8-PIPE PENETRATION & FLASHING
 A530 | SCALE: 1 1/2" = 1'-0"

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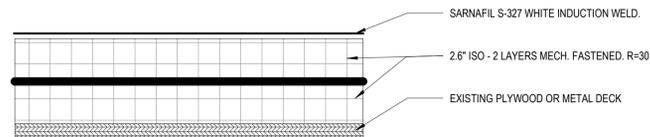
<p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 769-3000 cma@cmaurban.com</p>	<p>DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL</p>
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: Provo City School District</p>
<p>SHEET DESCRIPTION: ROOF DETAILS</p>	
<p>SHEET: A530</p>	

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

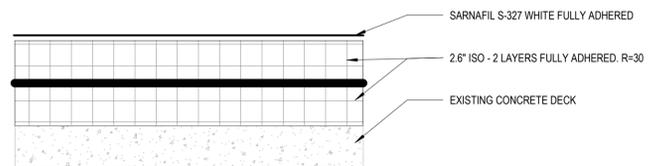
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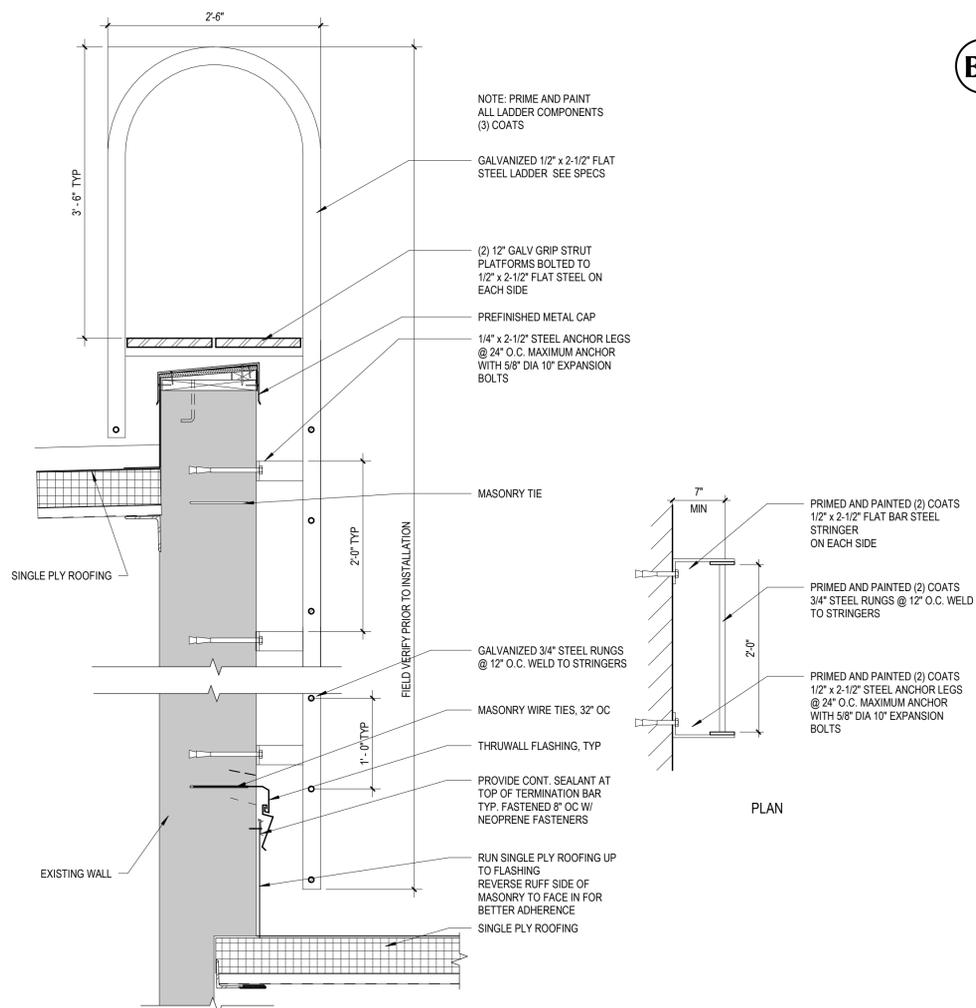
A5 MECHANICALLY FASTENED ROOF SYSTEM DETAIL
A531 | SCALE: 3" = 1'-0"

B

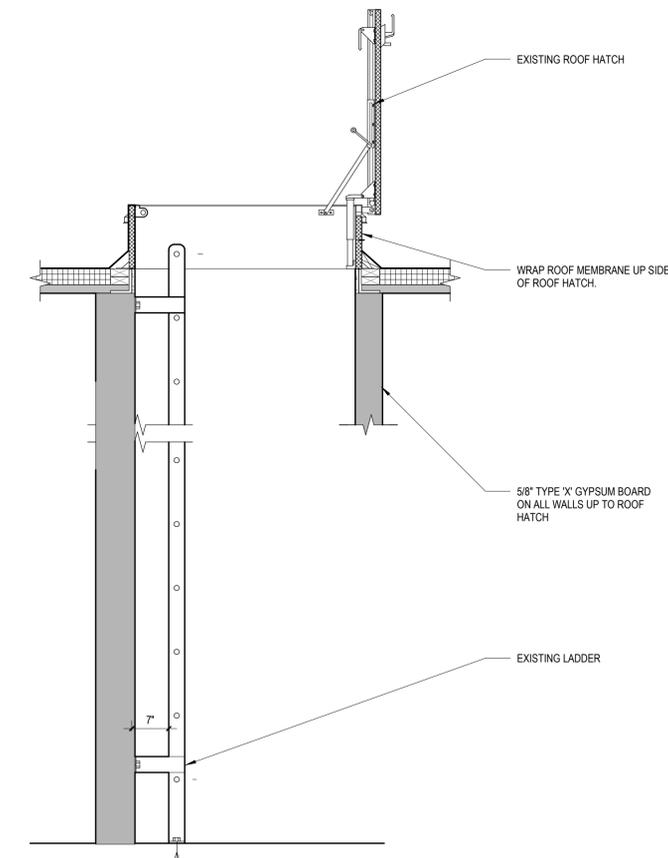


B5 FULLY ADHERED ROOF SYSTEM DETAIL
A531 | SCALE: 3" = 1'-0"

C



D3 LADDER DETAIL
A531 | SCALE: 1" = 1'-0"



D5 ROOF ACCESS HATCH
A531 | SCALE: 3/4" = 1'-0"

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<p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 769-3000 cma@cmautah.com</p>	<p>DATE: JUNE 08, 2020</p> <p>PROJECT #: CMA 20-036</p> <p>PROJ. MAN.: CLL</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: Provo City School District</p>
<p>SHEET DESCRIPTION: ROOF DETAILS</p>	
<p>SHEET: A531</p>	

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

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MARK	REVISION	DATE

A



A1 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



A2 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



A3 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



A4 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



A5 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"

B



B1 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



B2 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



B3 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



B4 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



B5 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"

C



C1 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



C2 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



C3 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



C4 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



C5 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"

D



D1 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



D2 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



D3 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



D4 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"



D5 AREA 'A'
A532 | SCALE: 3/4" = 1'-0"

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 CURTIS MINER ARCHITECTURE	233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 cma@cmaitan.com	DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL
	PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601	
OWNER:  Provo City SCHOOL DISTRICT		 08 JUNE 2020
SHEET DESCRIPTION: PICTURES		SHEET: A532

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

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MARK	REVISION	DATE

A



A1 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



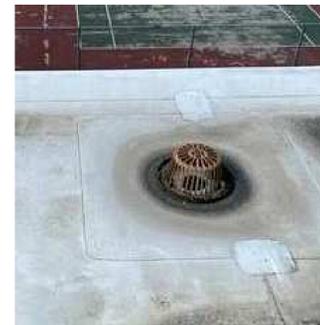
A2 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



A3 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



A4 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



A5 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"

B



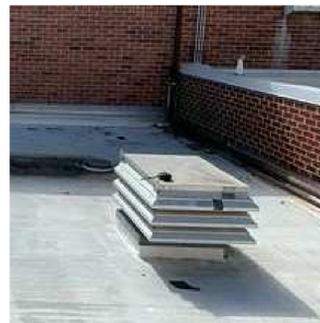
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A533 | SCALE: 3/4" = 1'-0"



B2 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



B3 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



B4 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



B5 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"

C



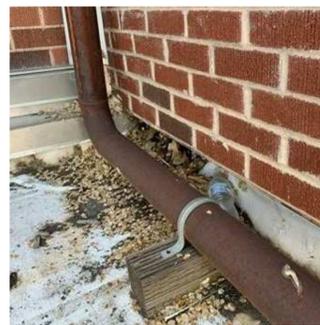
C1 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



C2 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



C3 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



C4 AREA 'B'
A533 | SCALE: 3/4" = 1'-0"



C5 AREA 'C'
A533 | SCALE: 3/4" = 1'-0"

D



D1 AREA 'C'
A533 | SCALE: 3/4" = 1'-0"



D2 AREA 'C'
A533 | SCALE: 3/4" = 1'-0"



D3 AREA 'C'
A533 | SCALE: 3/4" = 1'-0"



D4 AREA 'C'
A533 | SCALE: 3/4" = 1'-0"



20 D5
A533 | SCALE: 3/4" = 1'-0"

BIM 5601/20-036 Dixon and Wasatch Reroof/20-036 Dixon Middle School Reroof.rvt
6/8/2020 2:20:58 PM

<p>CURTIS MINER ARCHITECTURE</p> <p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 769-3000 cma@cmastudio.com</p>	<p>DATE: JUNE 08, 2020</p> <p>PROJECT #: CMA 20-036</p> <p>PROJ. MAN.: CLL</p> <p>CHECKED BY: CLL</p>
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>
<p>SHEET DESCRIPTION: PICTURES</p>	
<p>SHEET: A533</p>	

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

MARK	REVISION	DATE



A1 AREA 'C'
A534 | SCALE: 3/4" = 1'-0"



A2 AREA 'C'
A534 | SCALE: 3/4" = 1'-0"



A3 AREA 'D'
A534 | SCALE: 3/4" = 1'-0"



A4 AREA 'D'
A534 | SCALE: 3/4" = 1'-0"



A5 AREA 'D'
A534 | SCALE: 3/4" = 1'-0"



B1 AREA 'D'
A534 | SCALE: 3/4" = 1'-0"



B2 AREA 'D'
A534 | SCALE: 3/4" = 1'-0"



B3 AREA 'D'
A534 | SCALE: 3/4" = 1'-0"



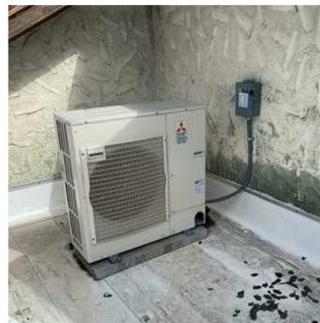
B4 AREA 'D'
A534 | SCALE: 3/4" = 1'-0"



B5 AREA 'D'
A534 | SCALE: 3/4" = 1'-0"



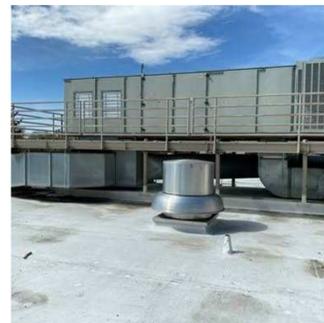
C1 AREA 'D'
A534 | SCALE: 3/4" = 1'-0"



C2 AREA 'E'
A534 | SCALE: 3/4" = 1'-0"



C3 AREA 'E'
A534 | SCALE: 3/4" = 1'-0"



C4 AREA 'E'
A534 | SCALE: 3/4" = 1'-0"



C5 AREA 'E'
A534 | SCALE: 3/4" = 1'-0"



D1 AREA 'E'
A534 | SCALE: 3/4" = 1'-0"



D2 AREA 'E'
A534 | SCALE: 3/4" = 1'-0"



D3 AREA 'E'
A534 | SCALE: 3/4" = 1'-0"



D4 AREA 'E'
A534 | SCALE: 3/4" = 1'-0"



D5 AREA 'E'
A534 | SCALE: 3/4" = 1'-0"

BIM 360://20-036 Dixon and Wasatch Reroof/20-036 Dixon Middle School Reroof.rvt
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<p>CURTIS MINER ARCHITECTURE</p> <p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 769-3000 cma@cmautah.com</p>	<p>DATE: JUNE 08, 2020</p> <p>PROJECT #: CMA 20-036</p> <p>PROJ. MAN.: CLL</p> <p>CHECKED BY: CLL</p>	
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: PROVO CITY SCHOOL DISTRICT</p>	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2017 CURTIS MINER ARCHITECTURE, LLC</p> <p></p> <p>08 JUNE 2020</p>
<p>SHEET DESCRIPTION: PICTURES</p>		<p>SHEET: A534</p>

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

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MARK	REVISION	DATE



A1 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



A2 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



A3 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



A4 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



A5 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"

A



B1 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



B2 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



B3 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



B4 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



B5 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"

B



C1 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



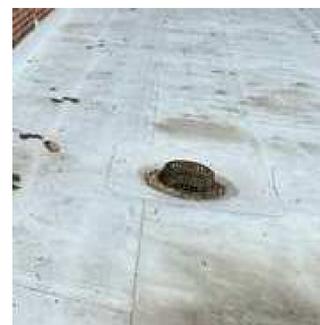
C2 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



C3 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



C4 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



C5 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"

C



D1 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



D2 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



D3 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



D4 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"



D5 AREA 'F'
A535 | SCALE: 3/4" = 1'-0"

D

BIM 360://20-036 Dixon and Wasatch Reroof/20-036 Dixon Middle School Reroof.rvt
 6/8/2020 2:21:01 PM

<p>CURTIS MINER ARCHITECTURE</p> <p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062</p> <p>PHONE: (801) 769-3000 cma@comauah.com</p>	DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>
SHEET DESCRIPTION: PICTURES	
SHEET: A535	

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

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MARK	REVISION	DATE

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B

C

D



B5 AREA 'F'
A536 | SCALE: 3/4" = 1'-0"



C3 AREA 'F'
A536 | SCALE: 3/4" = 1'-0"



C4 AREA 'F'
A536 | SCALE: 3/4" = 1'-0"



C5 AREA 'F'
A536 | SCALE: 3/4" = 1'-0"



D3 AREA 'F'
A536 | SCALE: 3/4" = 1'-0"



D4 AREA 'F'
A536 | SCALE: 3/4" = 1'-0"



D5 AREA 'F'
A536 | SCALE: 3/4" = 1'-0"

BIM 360://20-036 Dixon and Wasatch Reroof/20-036 Dixon Middle School Reroof.rvt
6/8/2020 2:21:02 PM

<p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 cma@cmautah.com</p>	DATE: JUNE 08, 2020 PROJECT #: CMA 20-036 PROJ. MAN.: CLL CHECKED BY: CLL
	<p>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2017 CURTIS MINER ARCHITECTURE, LLC</p>
PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601	OWNER:
SHEET DESCRIPTION: <p style="text-align: center;">PICTURES</p>	<p style="text-align: center;">SHEET: A536</p>

PLANS ARE INTENDED TO BE VIEWED IN FULL COLOR.

BID DOCUMENTS

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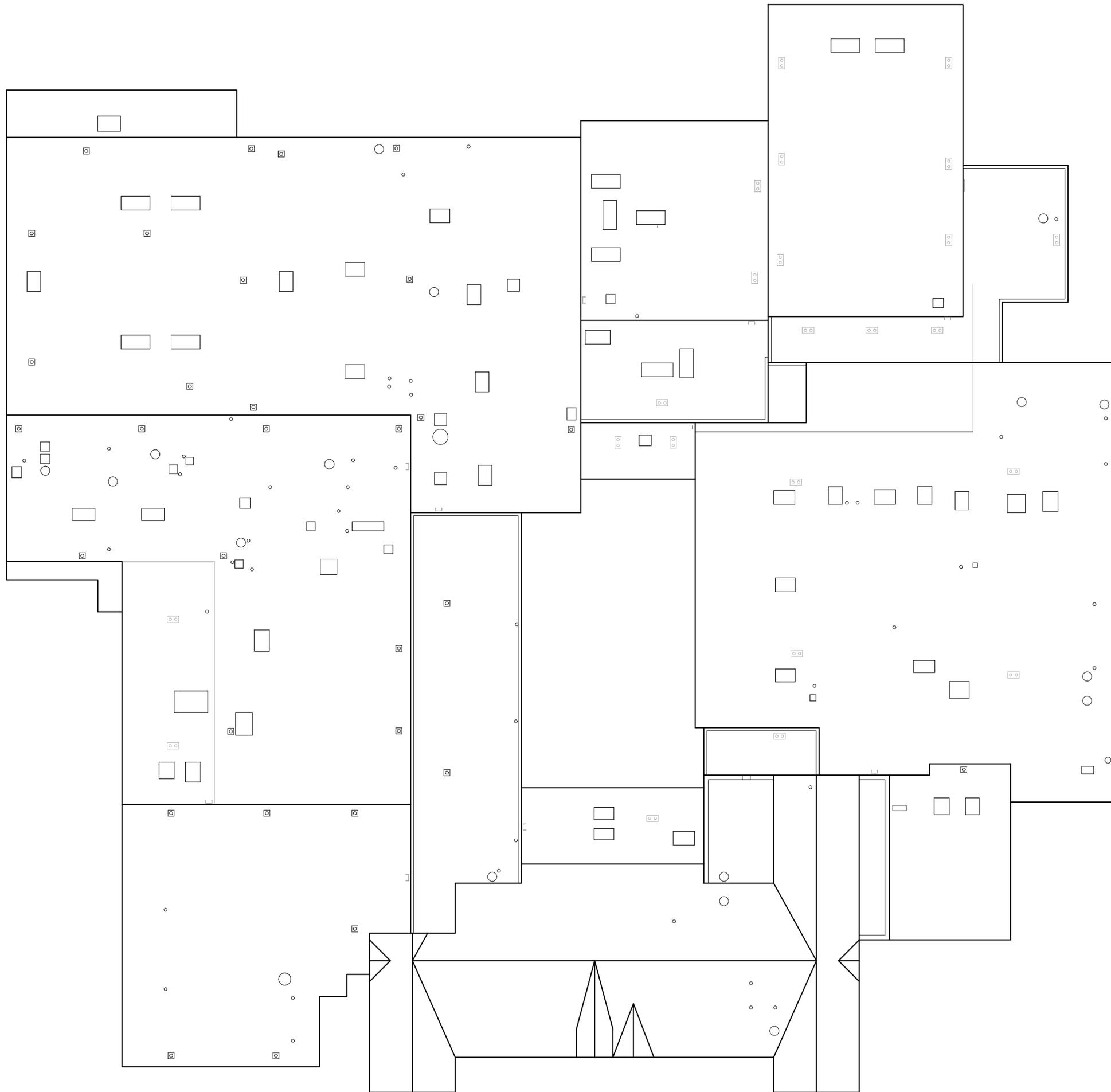
MARK	REVISION	DATE

A

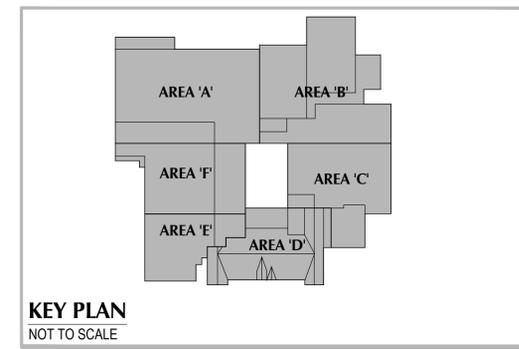
B

C

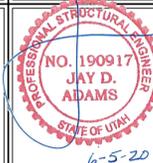
D



NOTE THAT MOST CONNECTION DETAILS IN THIS SET WERE DEVELOPED WITHOUT THE ABILITY TO FULLY CONFIRM EXISTING CONDITIONS. ADJUSTMENTS WILL LIKELY BE NEEDED IN THE FIELD TO COMPONENTS USED, NUMBERS OF CONNECTIONS REQUIRED, ETC. THIS MEANS THAT RE-ROOFING WILL LIKELY NOT BE ABLE TO PROCEED IMMEDIATELY BEHIND ROOF DEMOLITION. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL INCLUDE TIME IN THE CONSTRUCTION SCHEDULE TO NOTIFY ENGINEER OF DISCREPANCIES, SCHEDULE TIME FOR THE ENGINEER TO VISIT THE SITE AND VIEW THE DISCREPANCIES, PROVIDE TIME FOR THE ENGINEER TO MODIFY THE CONNECTION DETAILS AND PROVIDE TIME TO POSSIBLY RE-ORDER OR ORDER ADDITIONAL COMPONENTS BEFORE RESTARTING WORK ON A PARTICULAR DETAIL SET. THIS INCLUDES TIME AND MATERIALS REQUIRED TO EXPOSE EXISTING CONDITIONS AND RE-PROTECT THE EXPOSED AREA FROM WEATHER WHILE THE ABOVE LISTED ACTIONS ARE TAKEN. IT IS RECOMMENDED THAT AT THE BEGINNING OF THE PROJECT, SMALL AREAS IN EACH UNIQUE DETAIL AREA BE EXPOSED TO VERIFY EXISTING CONDITIONS AND BEGIN THE PROCESS OF THE ABOVE ACTIONS IF NEEDED RATHER THAN IMMEDIATELY EXPOSE FULL LENGTHS OR AREAS THAT WILL REQUIRE CONTINUED WEATHER PROTECTION WHILE THE ABOVE ACTIONS ARE COMPLETED.



DYNAMIC STRUCTURES
 1887 NORTH 1120 WEST PROVO, UTAH 84604
 PH: (801) 359-1140 FAX: (801) 359-0001

 CURTIS MINER ARCHITECTURE	233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 FAX: (801) 769-3001 cma@cmautah.com	DATE: 5 JUNE, 2020
		PROJECT No. 20-074
		PROJ. MAN.: J.D.A.
		CHECKED BY: J.D.A.
<small>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2018 CURTIS MINER ARCHITECTURE, LLC</small>		
PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601		
OWNER: 		
SHEET DESCRIPTION: OVERALL ROOF FRAMING PLAN SCALE: 1/16" = 1'-0"		SHEET: S130

1

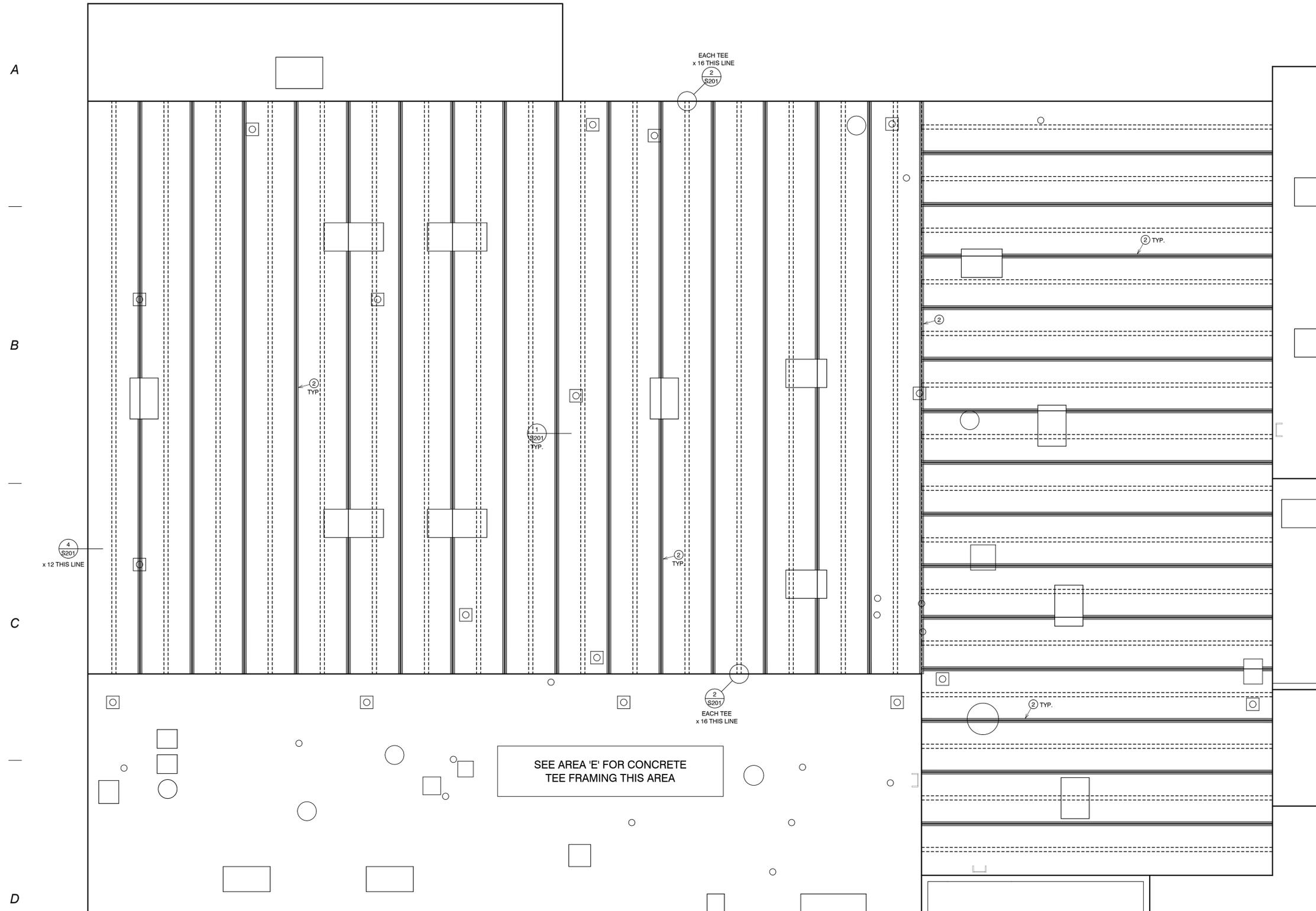
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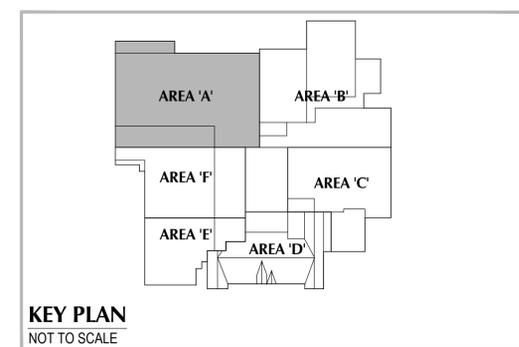
5

MARK	REVISION	DATE



ROOF FRAMING NOTES

- ① IN SHADED AREA PLACE NEW 3/4" OSB OR PLYWOOD OVER EXISTING 1x SPACED SHEATHING. ATTACH w/ 8d NAILS AT 4" O.C. PANEL EDGES, 12" O.C. IN FIELD
- ② TIE TOGETHER CONCRETE TEE FLANGES w/ 150mm MINIMUM WIDTH CONTINUOUS STRIP OF 1.2mm MINIMUM THICKNESS UNIDIRECTIONAL, CODE LISTED CARBON FIBER REINFORCED POLYMER (CFRP) SUCH AS SIMPSON CFS-CUCL1512-RL. PREPARE CONCRETE SURFACE AND ADHERE CFRP ACCORDING TO THE MANUFACTURERS SPECIFICATIONS. STRIP IS NOT REQUIRED TO BE CONTINUOUS UNDER EXISTING MECHANICAL UNITS. STRIPS MAY BE INTERRUPTED AT EXISTING PIPES OR VENTS.
- ③ CONTRACTOR TO PROVIDE UNIT COST OF EACH CONNECTION TYPE SHOWN ON S201 AND S202 FOR FIELD ADJUSTMENT OF NUMBER REQUIRED.
- ④ CONTRACTOR TO PROVIDE PER LENGTH COST OF CFRP APPLICATION AS PER NOTE ② FOR FIELD ADJUSTMENT OF QUANTITY REQUIRED.



DYNAMIC STRUCTURES
 1887 NORTH 1120 WEST PROVO, UTAH 84604
 PH: (801) 335-1140 FAX: (801) 335-0001

CURTIS MINER ARCHITECTURE
 233 SOUTH PLEASANT GROVE BLVD. SUITE #105
 PLEASANT GROVE, UTAH 84062
 PHONE: (801) 769-3000
 FAX: (801) 769-3001
 cma@cmautah.com

DATE: 5 JUNE, 2020
 PROJECT No. 20-074
 PROJ. MAN. J.D.A.
 CHECKED BY: J.D.A.

PROJECT: **DIXON MIDDLE SCHOOL REROOF**
 PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601
 OWNER: **Provo City SCHOOL DISTRICT**

NO. 190917
 JAY D. ADAMS
 STATE OF UTAH
 6-5-20

SHEET DESCRIPTION: **AREA 'A' ROOF FRAMING PLAN**
 SCALE: 1/8" = 1'-0"

SHEET: **S131**

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MARK	REVISION	DATE

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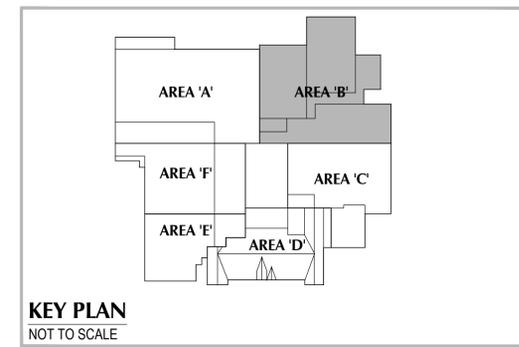
B

C

D



**NO STRUCTURAL
WORK IN AREA 'B'**



DYNAMIC STRUCTURES
 1887 NORTH 1120 WEST PROVO, UTAH 84604
 PH: (801) 359-1140 FAX: (801) 359-0001

<p>CURTIS MINER ARCHITECTURE</p>	<p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 FAX: (801) 769-3001 cma@cmautah.com</p>	<p>DATE: 5 JUNE, 2020 PROJECT No. 20-074 PROJ. MAN.: J.D.A. CHECKED BY: J.D.A.</p>
	<p><small>THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2018 CURTIS MINER ARCHITECTURE, LLC</small></p>	
	<p>PROFESSIONAL STRUCTURAL ENGINEER NO. 190917 JAY D. ADAMS STATE OF UTAH 6-5-20</p>	

<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p>	<p>OWNER: PROVO CITY SCHOOL DISTRICT</p>
--	---

<p>SHEET DESCRIPTION: AREA 'B' ROOF FRAMING PLAN SCALE: 1/8" = 1'-0"</p>	<p>SHEET: S132</p>
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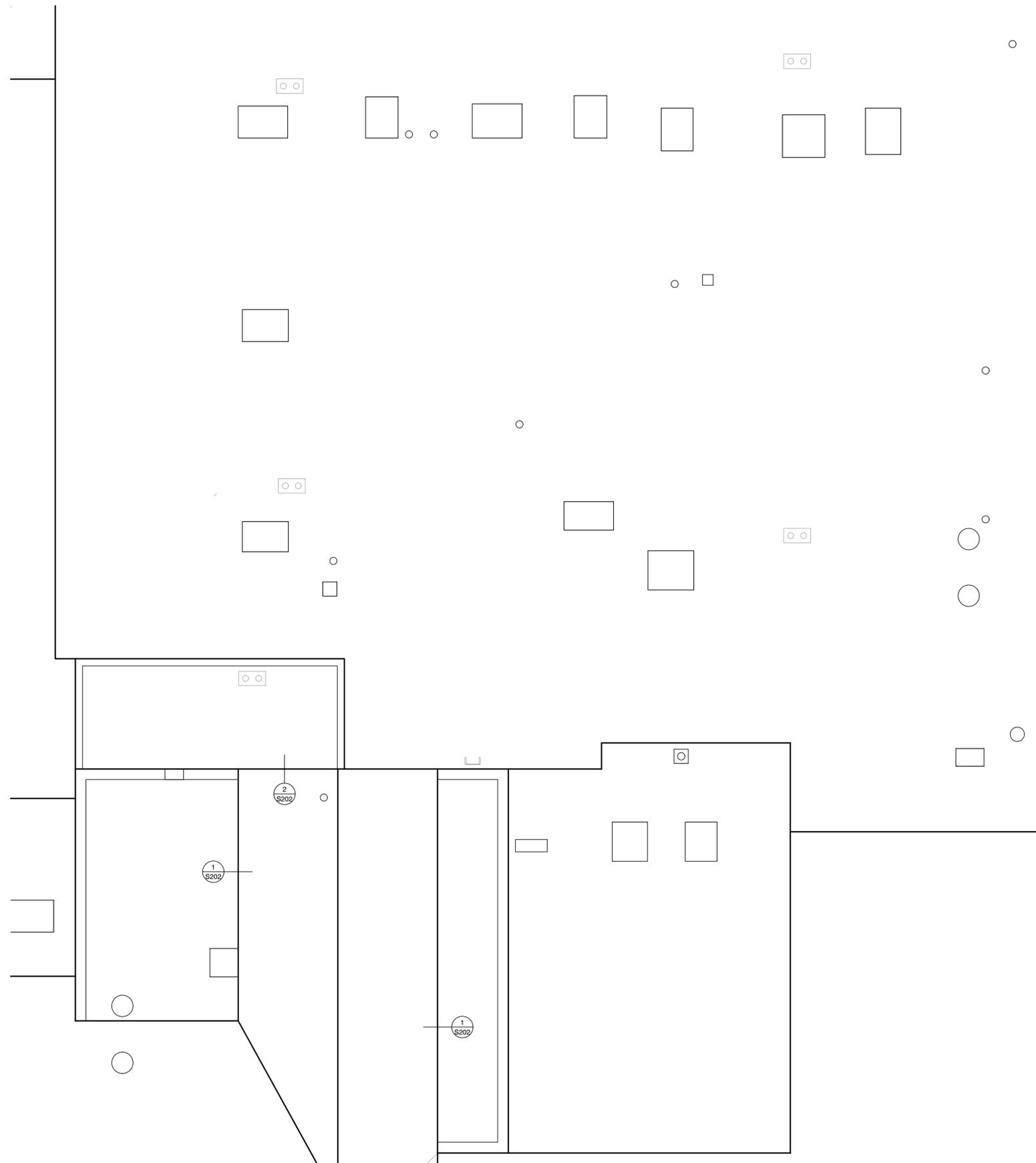
MARK	REVISION	DATE

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B

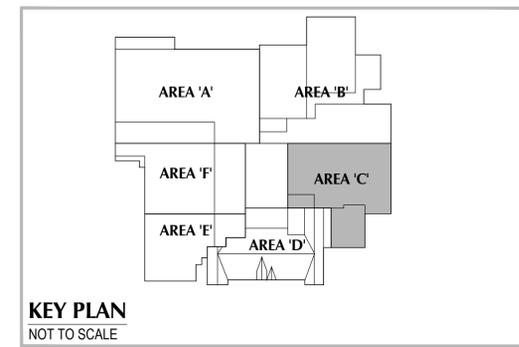
C

D



ROOF FRAMING NOTES

- ① IN SHADED AREA PLACE NEW 3/4" OSB OR PLYWOOD OVER EXISTING 1x SPACED SHEATHING. ATTACH w/ 8d NAILS AT 4" O.C. PANEL EDGES, 12" O.C. IN FIELD
- ② TIE TOGETHER CONCRETE TEE FLANGES w/ 150mm MINIMUM WIDTH CONTINUOUS STRIP OF 1.2mm MINIMUM THICKNESS UNIDIRECTIONAL CODE LISTED CARBON FIBER REINFORCED POLYMER (CFRP) SUCH AS SIMPSON C55-CUCL1512-PL. PREPARE CONCRETE SURFACE AND ADHERE CFRP ACCORDING TO THE MANUFACTURERS SPECIFICATIONS. STRIP IS NOT REQUIRED TO BE CONTINUOUS UNDER EXISTING MECHANICAL UNITS. STRIPS MAY BE INTERRUPTED AT EXISTING PIPES OR VENTS.
- ③ CONTRACTOR TO PROVIDE UNIT COST OF EACH CONNECTION TYPE SHOWN ON S201 AND S202 FOR FIELD ADJUSTMENT OF NUMBER REQUIRED.
- ④ CONTRACTOR TO PROVIDE PER LENGTH COST OF CFRP APPLICATION AS PER NOTE ② FOR FIELD ADJUSTMENT OF QUANTITY REQUIRED.



DYNAMIC STRUCTURES
 1887 NORTH 1120 WEST PROVO, UTAH 84604
 PH: (801) 359-1140 FAX: (801) 359-0001

 CURTIS MINER ARCHITECTURE	233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 FAX: (801) 769-3001 cma@cmautah.com	DATE: 5 JUNE, 2020 PROJECT No.: 20-074 PROJ. MAN.: J.D.A. CHECKED BY: J.D.A.	THE INFORMATION HEREIN IS THE PROPERTY OF CURTIS MINER ARCHITECTURE AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT. © 2018 CURTIS MINER ARCHITECTURE, LLC
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PROJECT: DIXON MIDDLE SCHOOL REROOF PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601	OWNER: Provo City SCHOOL DISTRICT	 NO. 190917 JAY D. ADAMS STATE OF UTAH 6-5-20
---	---	---

SHEET DESCRIPTION: AREA 'C' ROOF FRAMING PLAN SCALE: 1/8" = 1'-0"	SHEET: S133
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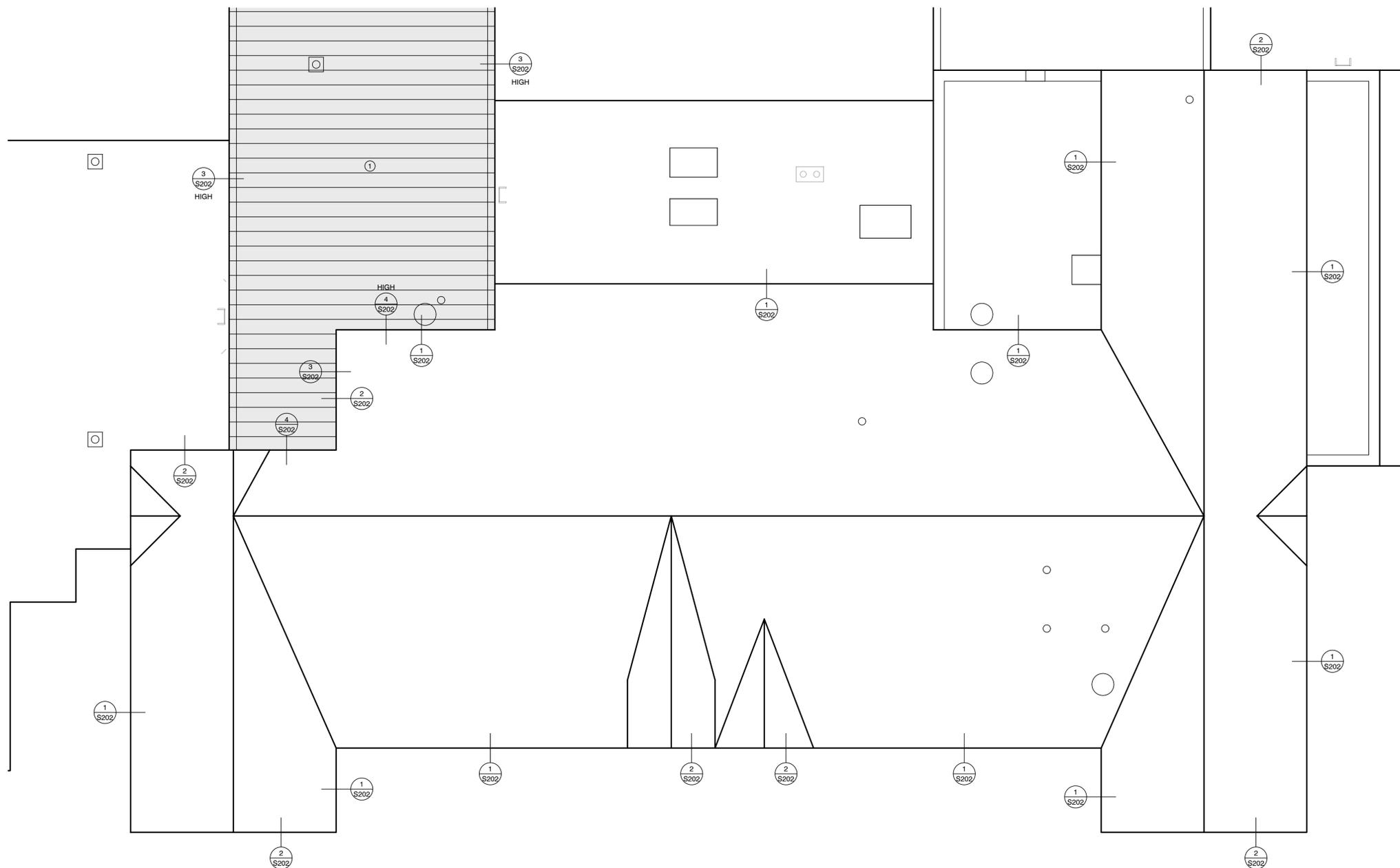
MARK	REVISION	DATE

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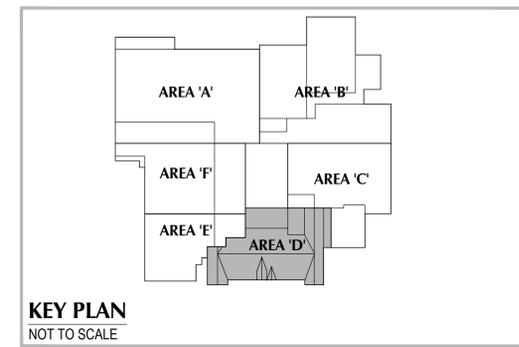
C

D



ROOF FRAMING NOTES

- ① IN SHADED AREA PLACE NEW 7/16" OSB OR PLYWOOD OVER EXISTING 1x SPACED SHEATHING. ATTACH w/ 8d NAILS AT 4" O.C. PANEL EDGES, 12" O.C. IN FIELD
- ② TIE TOGETHER CONCRETE TEE FLANGES w/ 150mm MINIMUM WIDTH CONTINUOUS STRIP OF 1.2mm MINIMUM THICKNESS UNIDIRECTIONAL CODE LISTED CARBON FIBER REINFORCED POLYMER (CFRP) SUCH AS SIMPSON C55-CUCL1512-RL. PREPARE CONCRETE SURFACE AND ADHERE CFRP ACCORDING TO THE MANUFACTURERS SPECIFICATIONS. STRIP IS NOT REQUIRED TO BE CONTINUOUS UNDER EXISTING MECHANICAL UNITS. STRIPS MAY BE INTERRUPTED AT EXISTING PIPES OR VENTS.
- ③ CONTRACTOR TO PROVIDE UNIT COST OF EACH CONNECTION TYPE SHOWN ON S201 AND S202 FOR FIELD ADJUSTMENT OF NUMBER REQUIRED.
- ④ CONTRACTOR TO PROVIDE PER LENGTH COST OF CFRP APPLICATION AS PER NOTE ② FOR FIELD ADJUSTMENT OF QUANTITY REQUIRED.



DYNAMIC STRUCTURES
1887 NORTH 1120 WEST PROVO, UTAH 84604
PH: (801) 335-1140 FAX: (801) 335-0001

<p>CURTIS MINER ARCHITECTURE</p> <p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 FAX: (801) 769-3001 cma@cmautah.com</p>	<p>DATE: 5 JUNE, 2020</p> <p>PROJECT No. 20-074</p> <p>PROJ. MAN.: J.D.A.</p> <p>CHECKED BY: J.D.A.</p>
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: </p>
<p>SHEET DESCRIPTION: AREA 'D' ROOF FRAMING PLAN SCALE: 1/8" = 1'-0"</p>	<p>SHEET: S134</p>

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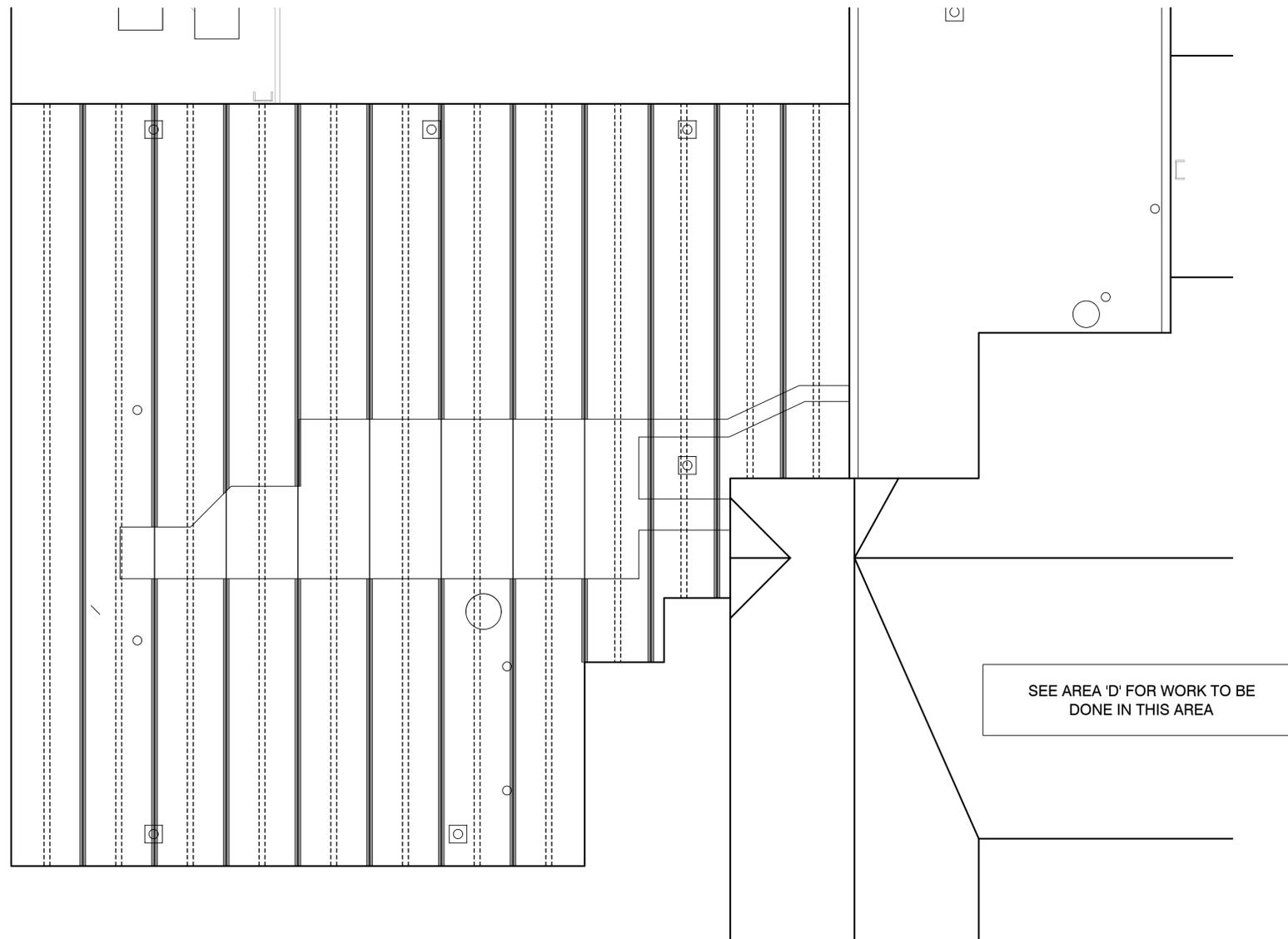
A

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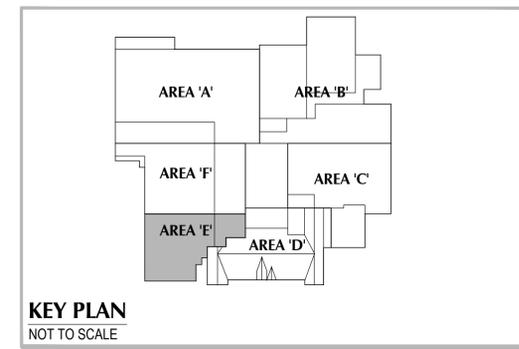
D

MARK	REVISION	DATE



ROOF FRAMING NOTES

- ① IN SHADED AREA PLACE NEW 3/4" OSB OR PLYWOOD OVER EXISTING 1x SPACED SHEATHING. ATTACH w/ 8d NAILS AT 4" O.C. PANEL EDGES, 12" O.C. IN FIELD
- ② TIE TOGETHER CONCRETE TEE FLANGES w/ 150mm MINIMUM WIDTH CONTINUOUS STRIP OF 1.2mm MINIMUM THICKNESS UNIDIRECTIONAL CODE LISTED CARBON FIBER REINFORCED POLYMER (CFRP) SUCH AS SIMPSON C55-CUCL1512-RL. PREPARE CONCRETE SURFACE AND ADHERE CFRP ACCORDING TO THE MANUFACTURERS SPECIFICATIONS. STRIP IS NOT REQUIRED TO BE CONTINUOUS UNDER EXISTING MECHANICAL UNITS. STRIPS MAY BE INTERRUPTED AT EXISTING PIPES OR VENTS.
- ③ CONTRACTOR TO PROVIDE UNIT COST OF EACH CONNECTION TYPE SHOWN ON S201 AND S202 FOR FIELD ADJUSTMENT OF NUMBER REQUIRED.
- ④ CONTRACTOR TO PROVIDE PER LENGTH COST OF CFRP APPLICATION AS PER NOTE ② FOR FIELD ADJUSTMENT OF QUANTITY REQUIRED.



DYNAMIC STRUCTURES
 1887 NORTH 1120 WEST PROVO, UTAH 84604
 PH: (801) 335-1140 FAX: (801) 335-0001

<p>CURTIS MINER ARCHITECTURE</p>	<p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 FAX: (801) 769-3001 cma@cmautah.com</p>	<p>DATE: 5 JUNE, 2020 PROJECT No. 20-074 PROJ. MAN.: J.D.A. CHECKED BY: J.D.A.</p>
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	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p>	
	<p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p>	

<p>OWNER: Provo City SCHOOL DISTRICT</p>	
<p>SHEET DESCRIPTION: AREA 'E' ROOF FRAMING PLAN SCALE: 1/8" = 1'-0"</p>	<p>SHEET: S135</p>

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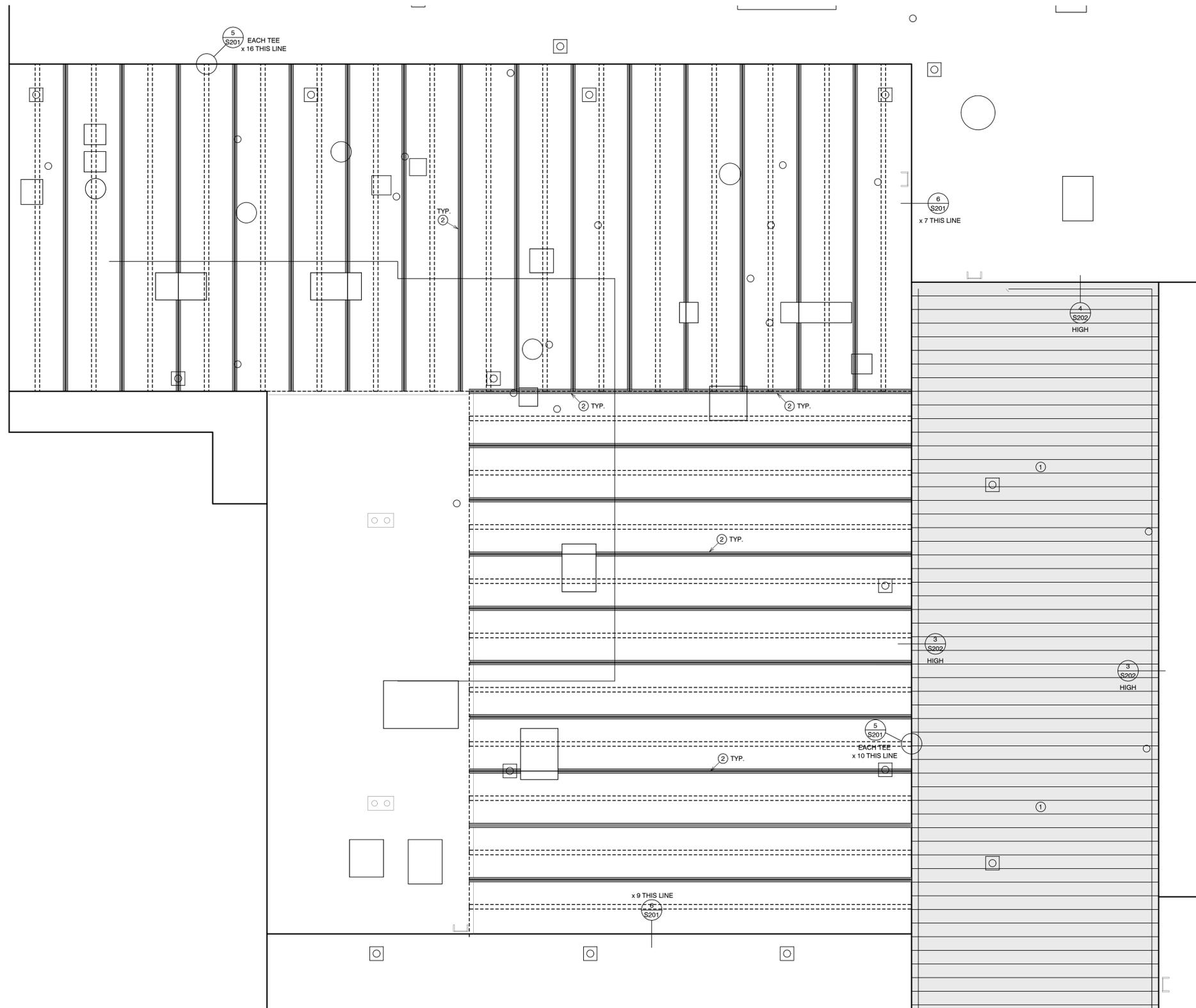
MARK	REVISION	DATE

A

B

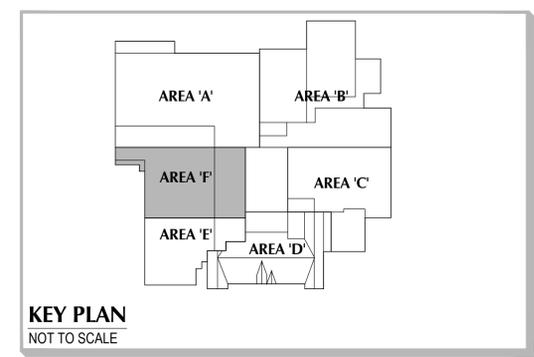
C

D



ROOF FRAMING NOTES

- ① IN SHADED AREA PLACE NEW 3/4" OSB OR PLYWOOD OVER EXISTING 1x SPACED SHEATHING. ATTACH w/ 8d NAILS AT 4" O.C. PANEL EDGES, 12" O.C. IN FIELD
- ② TIE TOGETHER CONCRETE TEE FLANGES w/ 150mm MINIMUM WIDTH CONTINUOUS STRIP OF 1.2mm THICKNESS UNIDIRECTIONAL CODE LISTED CARBON FIBER REINFORCED POLYMER (CFRP) SUCH AS SIMPSON C55-CUCL1512-RL. PREPARE CONCRETE SURFACE AND ADHERE CFRP ACCORDING TO THE MANUFACTURERS SPECIFICATIONS. STRIP IS NOT REQUIRED TO BE CONTINUOUS UNDER EXISTING MECHANICAL UNITS, STRIPS MAY BE INTERRUPTED AT EXISTING PIPES OR VENTS.
- ③ CONTRACTOR TO PROVIDE UNIT COST OF EACH CONNECTION TYPE SHOWN ON S201 AND S202 FOR FIELD ADJUSTMENT OF NUMBER REQUIRED.
- ④ CONTRACTOR TO PROVIDE PER LENGTH COST OF CFRP APPLICATION AS PER NOTE ② FOR FIELD ADJUSTMENT OF QUANTITY REQUIRED.



DYNAMIC STRUCTURES
 1887 NORTH 1120 WEST PROVO, UTAH 84604
 PH: (801) 359-1140 FAX: (801) 359-0001

<p>CURTIS MINER ARCHITECTURE</p> <p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 FAX: (801) 769-3001 cma@cmautah.com</p>	DATE: 5 JUNE, 2020 PROJECT No. 20-074 PROJ. MAN.: J.D.A. CHECKED BY: J.D.A.	
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>	<p>6-5-20</p>
SHEET DESCRIPTION: AREA 'F' ROOF FRAMING PLAN SCALE: 1/8" = 1'-0"		SHEET: S136

1

2

3

4

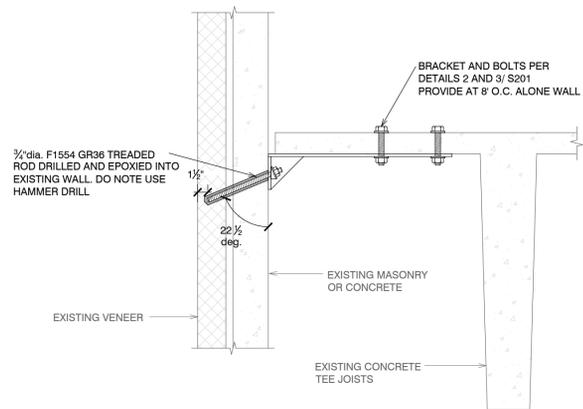
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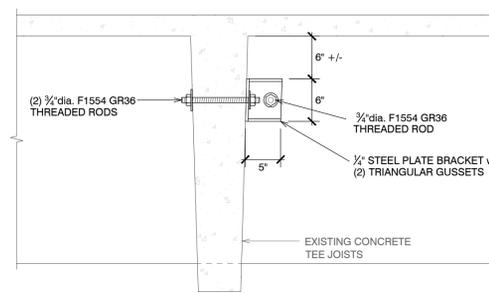
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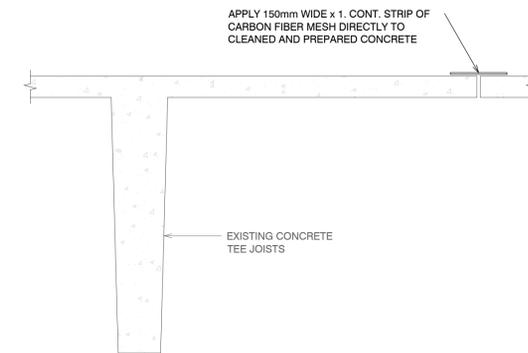
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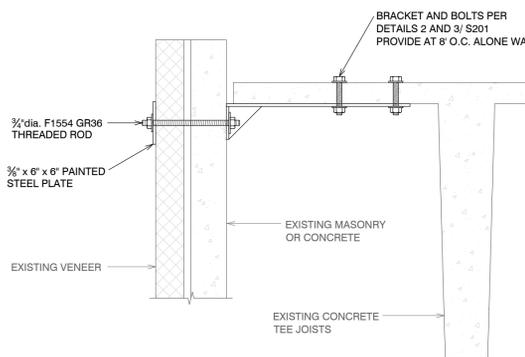
3 CONSTRUCTION DETAIL
NO SCALE



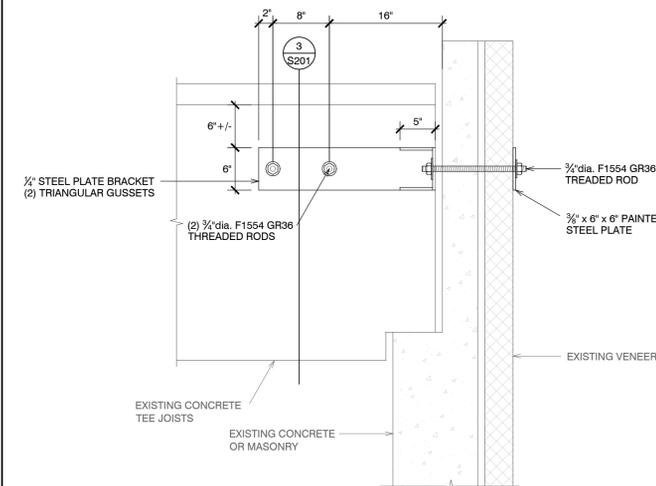
4 CONSTRUCTION DETAIL
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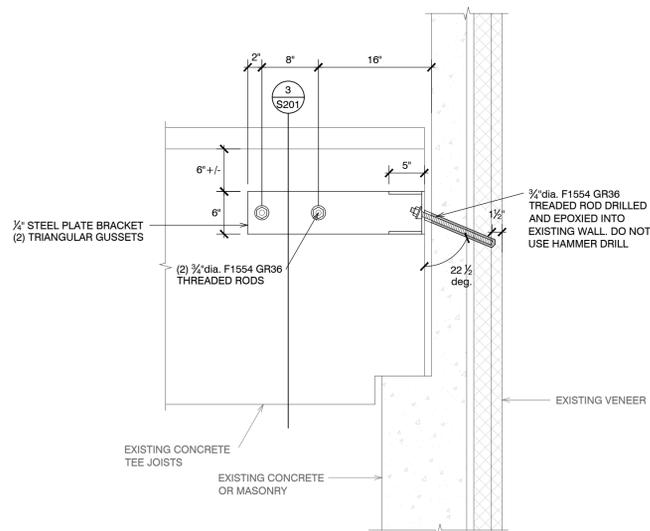
1 CONSTRUCTION DETAIL
NO SCALE



1 CONSTRUCTION DETAIL
NO SCALE



2 CONSTRUCTION DETAIL
NO SCALE



5 CONSTRUCTION DETAIL
NO SCALE

MARK	REVISION	DATE



1887 NORTH 1120 WEST PROVO, UTAH 84604
PH: (801) 356-1140 FAX: (801) 356-0001

	233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84062 PHONE: (801) 769-3000 FAX: (801) 769-3001 cma@cminutah.com	DATE: 5 JUNE, 2020 PROJECT No. 20-074 PROJ. MAN.: J.D.A. CHECKED BY: J.D.A.
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PROJECT: DIXON MIDDLE SCHOOL ROOF	OWNER: 	
PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601		

SHEET DESCRIPTION: CONSTRUCTION DETAILS SCALE: NO SCALE	SHEET: S201
--	-----------------------

1

2

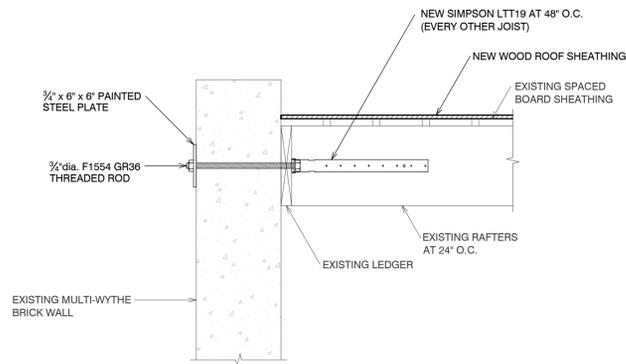
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4

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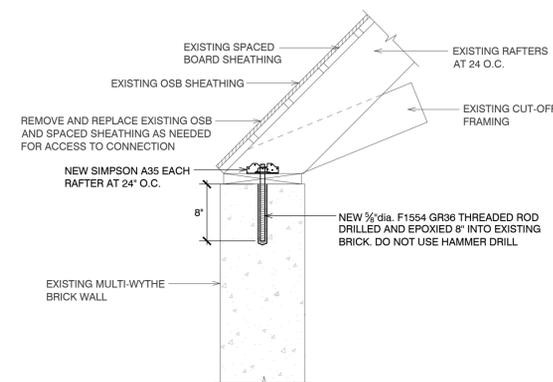
MARK	REVISION	DATE

A



NOTE:
REMOVE AND REPLACE EXISTING SPACED SHEATHING AS NEEDED FOR ACCESS TO CONNECTION

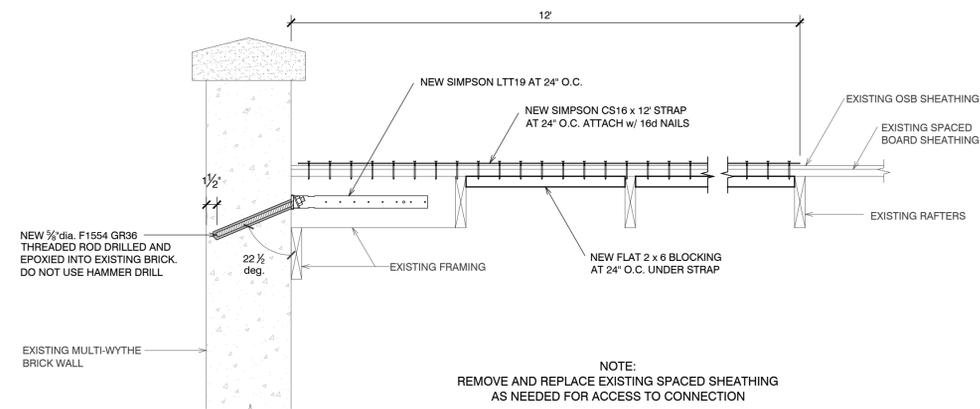
3 CONSTRUCTION DETAIL
S202 NO SCALE



NOTE:
NO HORIZONTAL CHORD EXISTS TO COMPLETE WALL BRACE CONNECTION. CHORDS SHOULD BE PROVIDED WHEN POSSIBLE IN FUTURE WORK

1 CONSTRUCTION DETAIL
S202 NO SCALE

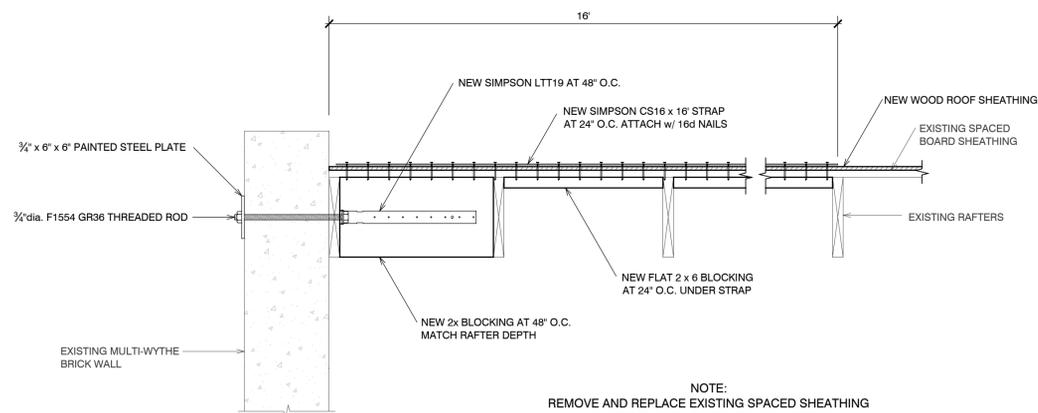
B



NOTE:
REMOVE AND REPLACE EXISTING SPACED SHEATHING AS NEEDED FOR ACCESS TO CONNECTION

2 CONSTRUCTION DETAIL
S202 NO SCALE

C



NOTE:
REMOVE AND REPLACE EXISTING SPACED SHEATHING AS NEEDED FOR ACCESS TO CONNECTION

4 CONSTRUCTION DETAIL
S202 NO SCALE

D

DYNAMIC STRUCTURES
1887 NORTH 1120 WEST PROVO, UTAH 84604
PH: (801) 336-1140 FAX: (801) 336-0001

<p>CURTIS MINER ARCHITECTURE</p> <p>233 SOUTH PLEASANT GROVE BLVD. SUITE #105 PLEASANT GROVE, UTAH 84063 PHONE: (801) 769-3000 FAX: (801) 769-3001 cma@cmautah.com</p>	<p>DATE: 5 JUNE, 2020</p> <p>PROJECT No. 20-074</p> <p>PROJ. MAN.: J.D.A.</p> <p>CHECKED BY: J.D.A.</p>	
	<p>PROJECT: DIXON MIDDLE SCHOOL REROOF</p> <p>PROJECT ADDRESS: 750 WEST 200 NORTH PROVO, UTAH 84601</p> <p>OWNER: Provo City SCHOOL DISTRICT</p>	<p>PROFESSIONAL STRUCTURAL ENGINEER</p> <p>NO. 190917</p> <p>JAY D. ADAMS</p> <p>STATE OF UTAH</p> <p>6-5-20</p>
<p>SHEET DESCRIPTION: CONSTRUCTION DETAILS SCALE: NO SCALE</p>		<p>SHEET: S202</p>