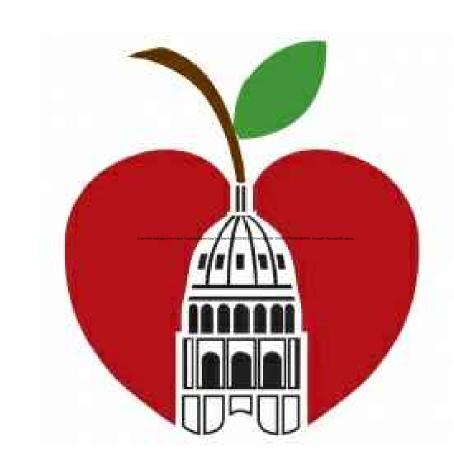
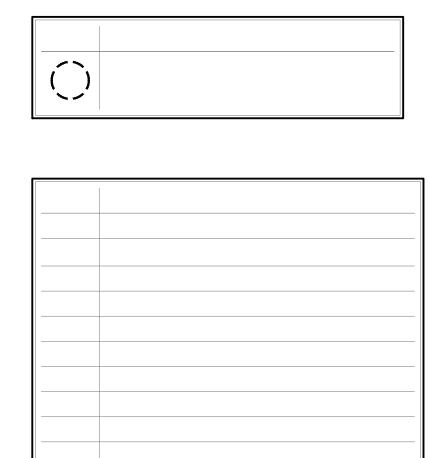
AUSTIN INDEPENDENT SCHOOL DISTRICT





AISD PROJECT NO. 20-0034-AKINS
ROOF IMPROVEMENTS at
AKINS HIGH SCHOOL
10701 S 1st Street
AUSTIN, TX 78748

LIST OF MEMBERS OF BOARD OF TRUSTEES

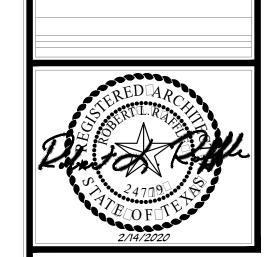
GERONIMO M. RODRIGUEZ, JR., PRESIDENT, DISTRICT 6
KRISTIN ASHY, SECRETARY, DISTRICT 4
LATISHA ANDERSON, DISTRICT 1
JAYME MATHIAS, DISTRICT 2
ANN TEICH, DISTRICT 3
AMBER ELENZ, DISTRICT 5
YASMIN WAGNER, VICE-PRESIDENT, DISTRICT 7
CINDY ANDERSON, AT-LARGE POSITION 8

PAUL CRUZ, Ph.D., SUPERINTENDENT





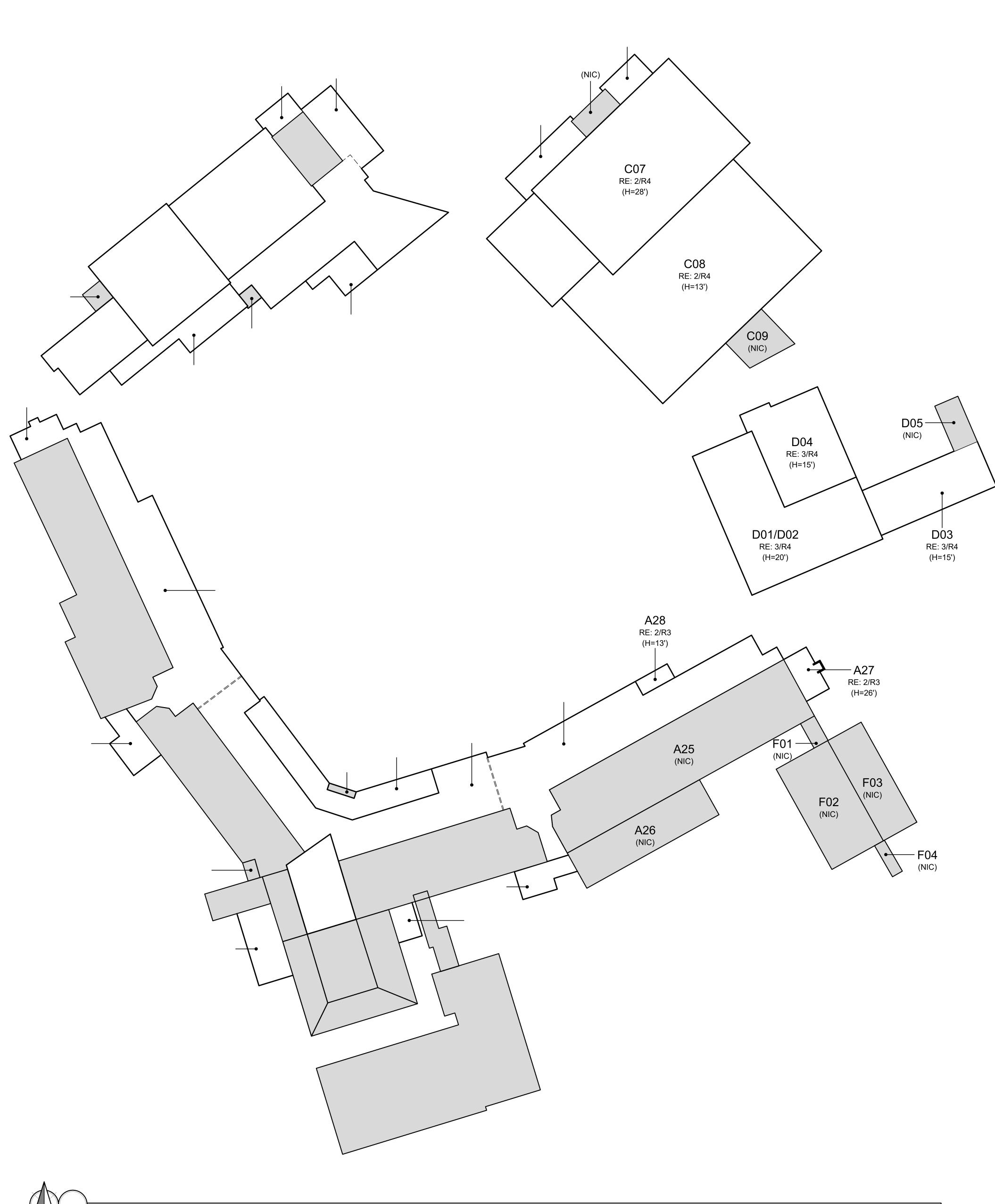


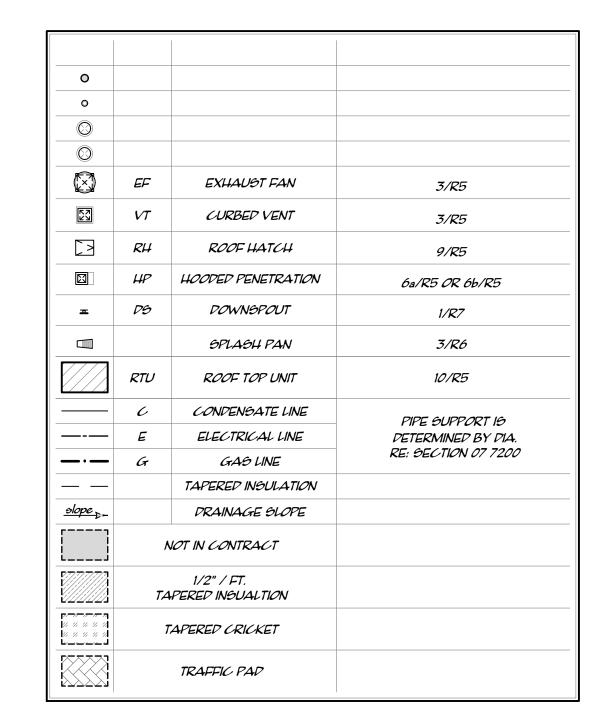


COV SHE

DRAWN BY:
TDP
CHECKED BY:
CANNON J
DATE:
2/14/2020
SHEET:

SET NO. _____





EXISTING ROOF ASSEMBLY SCHEDULE A01,A03,A04,A05,A08,A10,A14,A19,A21, A22,A24,A27,A28,B01,B04,B06,B07,B09,B10, SECTION: B11,B13,C01,C02,C06,C07,C08,D01,D02,D03,D04 > METAL DECK > 3.5" RIGID INGULATION > 2-PLY MOD. BIT. ROOFING SECTION: B05 > METAL DECK > 3.5" RIGID INGULATION

NEW ROOF ASSEMBLY SCHEDULE

➤ METAL ROOF PANELS

REMOVE EXISTING ROOFING TO METAL DECK > 2.5" POLYISOCYANURATE INSULATION - MECHANICALLY FASTENED

> 2.0" POLYIBOCYANURATE INBULATION - SET IN ADHESIVE > 1/2" GYPSUM COVER BOARD - SET IN ADHESIVE

MODIFIED BITUMEN BASE PLY - TORCH APPLIED

MODIFIED BITUMEN CAP SHEET - TORCH APPLIED SECTION: B05

> REMOVE EXISTING ROOFING TO METAL DECK

≥ 2.5" POLYISOCYANURATE INSULATION - MECHANICALLY FASTENED

> 2.0" POLYISOCYANURATE INSULATION - MECHANICALLY FASTENED

> SELF-ADHERING UNDERLAYMENT

> SYMMETRICAL STANDING SEAM METAL ROOF PANEL SYSTEM

THE EXISTING BUILDING AND ALL ITS CONTENTS IN THEIR ENTIRETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE PERFORMANCE OF THEIR WORK. 5. LOCATIONS OF NEW ROOFING AND CRICKETING ARE SHOWN FOR DESIGN INTENT ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE PRECISE LOCATION AND PROVIDE THESE ELEMENTS AS REQUIRED FOR A PROPERLY SLOPED AND WATER TIGHT 5. FIELD VERIFY SIZE AND LOCATION OF ALL EXISTING MECHANICAL UNITS, ROOF CURBS, GCUPPERG AND GKYLIGHTG AG WELL AG ANY AND ALL OTHER PENETRATIONG OR ROOF ACCESSORIES AND INSTALL NEW ROOF AS REQUIRED TO ACCOMMODATE ACCESSORIES AND CREATE A WATER TIGHT ROOFING SYSTEM.

DRAINAGE:

CRICKETS / SAPPLES SHALL BE TWICE THE APJACENT ROOF SLOPE

EXISTING WHETHER SHOWN ON THE PLAN OR NOT.

2. PROVIDE TAPERED CRICKETS ON HIGH SIDE OF CURBED PENETRATIONS AS REQ'D TO DIRECT DRAINAGE AROUND PENETRATION.

3. CONTRACTOR SHALL FIELD VERIFY EXACT CRICKET SIZE AND PROFILE IN THE FIELD TO ENGURE POGITIVE DRAINAGE AROUND CURBED PENETRATIONS. 4. PROVIDE DOWNSPOUTS WHERE SHOWN ON PLAN, AND AT LOCATIONS TO MATCH

ROOF TOP EQUIPMENT / PENETRATIONS:

CONTRACTOR SHALL VERIFY OPERATIONAL STATUS OF ROOF TOP EQUIPMENT W/OWNER PRIOR TO COMMENCING WITH THE WORK.

ABANDONED EQUIPMENT AND CURBS SHALL BE REMOVED FROM THE BUILDING. AND DISPOSED OF. REPAIR DECKING AT ABANDONED PENETRATIONS (NOT SCHEDULED ON THE DRAWINGS FOR REMOVAL) PER UNIT PRICING, DETAILS AND SPECIFICATIONS.

8. EXISTING GAS, CONDENSATE, ELECTRICAL, HYDRONIC PIPING, ETC. SHALL BE DISCONNECTED, RAISED AND RECONNECTED AS REQ'D TO ACCOMMODATE NEW ROOF GYSTEM THICKNESS AND MEMBRANE FLASHING HEIGHT REQUIREMENTS.

P. EXISTING ROOF TOP EQUIPMENT SHALL BE DISCONNECTED RAISED AND RECONNECTED AS REQ'D TO PROVIDE MEMBRANE BASE FLASHING HEIGHTS SPECIFIED.

EXISTING DUCT WORK SHALL BE DISCONNECTED, RAISED AND RECONNECTED AS REQ'D

TO ACCOMMODATE NEW ROOF SYSTEM THICKNESS AND MEMBRANE FLASHING HEIGHT REQUIREMENTS. 6. COORDINATION OF EXISTING BUILDING UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. IF ANY SERVICE TO THE EXISTING SCHOOL IS

REQUIRED TO BE SHUT OFF BY THE CONTRACTOR, THE SHUT-OFF MUST BE SCHEDULED IN ADVANCE WITH THE OWNER'S REPRESENTATIVE. **EQUIPMENT / PIPING SUPPORTS:**

APPROPRIATE PIPE SUPPORTS ARE DETERMINED BY OUTSIDE DIAMETER OF PIPING / CONDUIT. RE: SPECIFICATION SECTION 07 7200 FOR DESCRIPTIONS OF DESIGNED

ROOF TOP PIPE SUPPORTS. a) TYPE "A" - FIXED HEIGHT PIPE SUPPORT RE: DETAIL 4/R6

b) TYPE "A" - ADJUSTABLE HEIGHT PIPE SUPPORT RE: DETAIL 5/R6 c) TYPE "B" - ADJUSTABLE HEIGHT PIPE SUPPORT RE: DETAIL 6/R6

d) TYPE "C" - HANGING PIPE SUPPORT RE: DETAIL 7/R6 e) TYPE "D" - CURB MOUNTED PIPE SUPPORT RE: DETAIL 8/R6

REUSE OF EXISTING PIPE SUPPORTS IS PROHIBITED UNLESS OTHERWISE NOTED. PAINTING:

GCRAPE. PRIME AND PAINT GAS LINES

TRAFFIC PROTECTION:

PROVIDE TRAFFIC PROTECTION PADS AT ROOF ACCESS POINTS AND ON ALL SIDES OF ROOF TOP UNITS AND AS REQUIRED BY THE SPECIFICATIONS.

KEYED NOTES TO CONTRACTOR

DOWNSPOUT PER DETAIL 1/R7. CONDUCT DOWNSPOUT DOWN TO GRADE AND PROVIDE DOWNSPOUT BOOT PER DETAIL 2/R7 (ABOVE GRADE)

TRAFFIC PADS AT TOP AND BOTTOM OF LADDERS AND AS REQUIRED BY THE

(3) PROVIDE PMMA BASE FLASHING BETWEEN RTU AND WALL LINE.

DOWNSPOUT PER DETAIL 1/R7. CONDUCT DOWNSPOUT TO ROOF BELOW AND PROVIDE SPLASHPAN PER DETAIL 3/R6

REMOVE CONCRETE PAD AND REGET MECHANICAL EQUIPMENT ON 15" HIGH CURB. GEE ENLARGED PLAN VIEW PER DETAIL 6/RG. REPLACE DUCTWORK EXTENDING FROM FLEXIBLE CONNECTION AT EQUIPMENT TO FIRST DUCT ELBOW BELOW ROOF DECK RE: SECTION 23 0000.

 \langle $_{6}$ \rangle PROVIDE ENCLOGED CURB AT CONDENSING UNIT PER DETAIL 7/R5, TYP.

*DOWNSPOUT PER DETAIL 1/R7-SIM. ROUTE DS TO LOWER ROOF. PROVIDE*24 GA. PRE-FINISHED WATER DIVERTER. DIVERTER SHALL DISTRIBUTE

DISCHARGE ACROSS THREE (3) ROOF PANELS. \langle 8 \rangle PROVIDE ELECTRICAL SUPPORT DISCONNECT PER DETAIL 9/R6, TYP.

PROVIDE NON-PENETRATING GUARDRAIL SYSTEM AS MANUFACTURED BY CAI SAFETY SYSTEMS; WWW.CAISAFETY.COM; OR PRIOR APPROVED EQUAL. SHOP DRAWINGS REQUIRED. GUARDRAIL PROTECTION PADS PER

PROVIDE NEW ROOF ACCESS LADDER PER DETAIL 10/R6, TYP. PROVIDE TRAFFIC PADS AT TOP AND BOTTOM OF LADDERS AND AS REQUIRED BY THE SPECIFICATIONS

REMOVE STORE AND REINSTALL EXISTING STAIR SYSTEM. PROVIDE TRAFFIC PADS AT TOP AND BOTTOM OF LADDERS AND AS REQUIRED BY THE

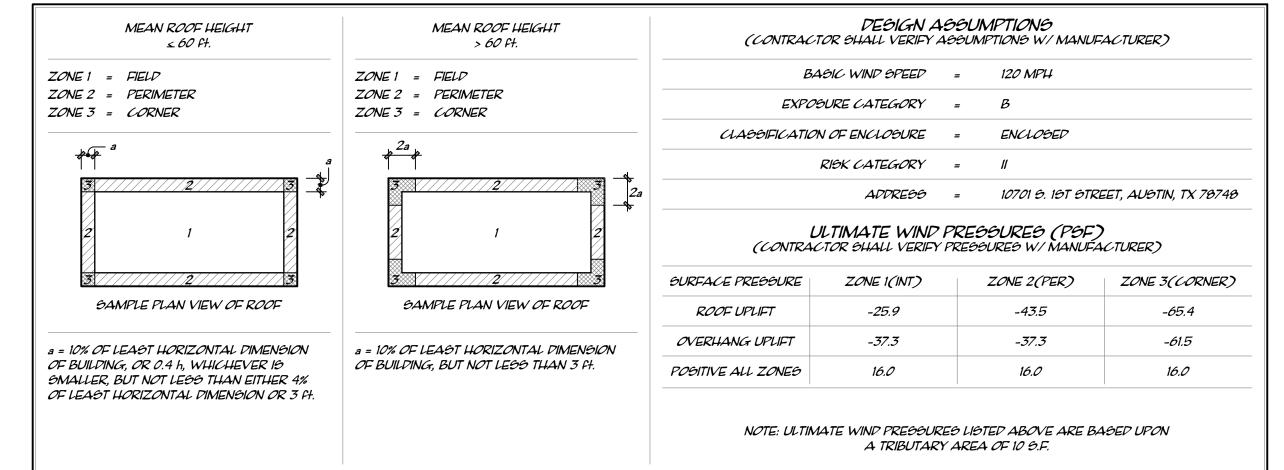
 $\langle 11 \rangle$ PROVIDE NEW VENT EXTENSIONS TO MATCH EXISTING.

ASCE 7-10 WIND ZONE SCHEDULE

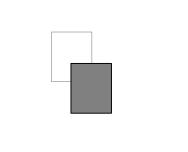
(WIND ZONES BASED ON ASCE 7-10)

ROOF HEIGHTS	CORNER WIDTH	CORNER DEPTH	PERIMETE
A01, A03, A04, A21, A24, A27, B05, B10, B11, B13, C06, C08, P01, P02, P03, P04	8'-0"	8'-0"	8'-0"
A05, A08, A14, A19, A22, A28, B07, B09, C01, C02,	4'-0"	4'-0"	4'-0"
A10, C07	10'-0"	10'-0"	10'-0"

WIND UP-LIFT PRESSURES AND PERIMETER DIAGRAM



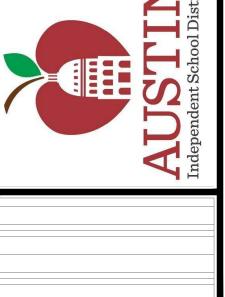
(ROOF SYSTEM NO. 2) (DETAIL 2/R5)



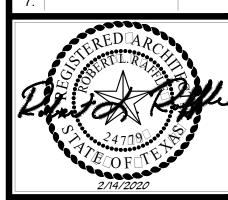
+cannon[®]

11800 Highland Oaks Trail | Austin, TX 78749 P: 512.300.0452 www.hollon-cannon.com

AUSTIN ENDENT SCHO

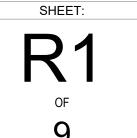


REVISION SCHEDULE:

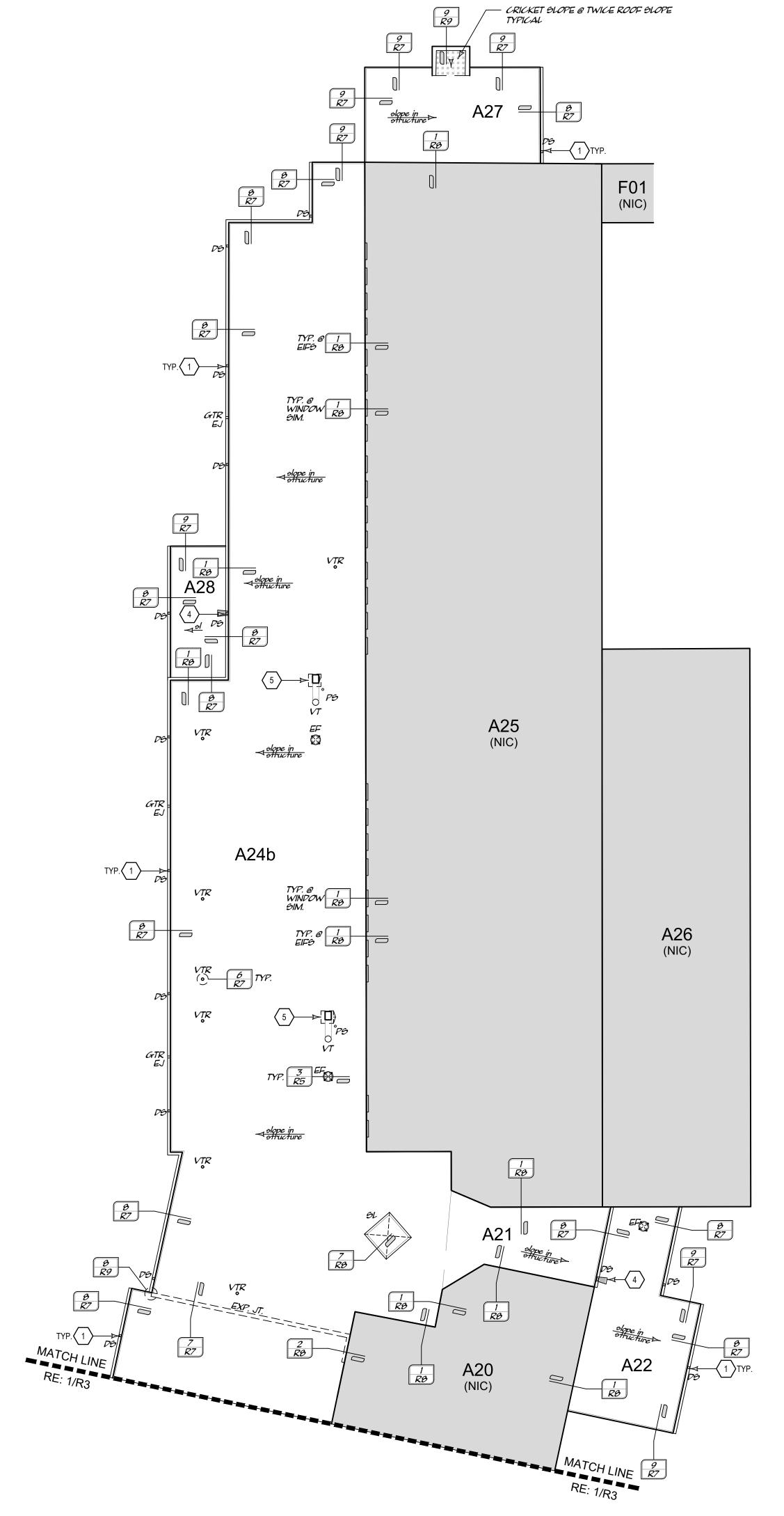


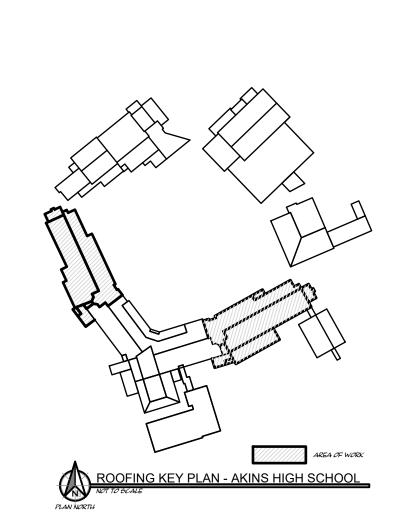
SCHEDULES, NOTES AND LEGÉNDS DRAWN BY:

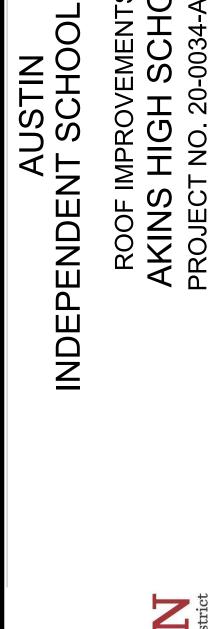
> CHECKED BY: 2/14/2020







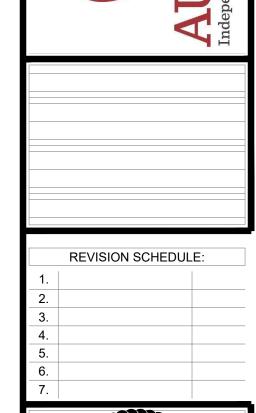


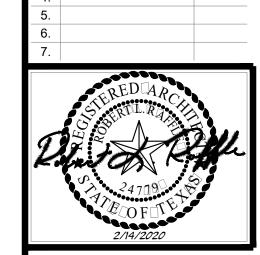


+ Cannon P group, Ilc

11800 Highland Oaks Trail | Austin, TX 78749
P: 512.300.0452
www.hollon-cannon.com

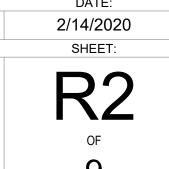




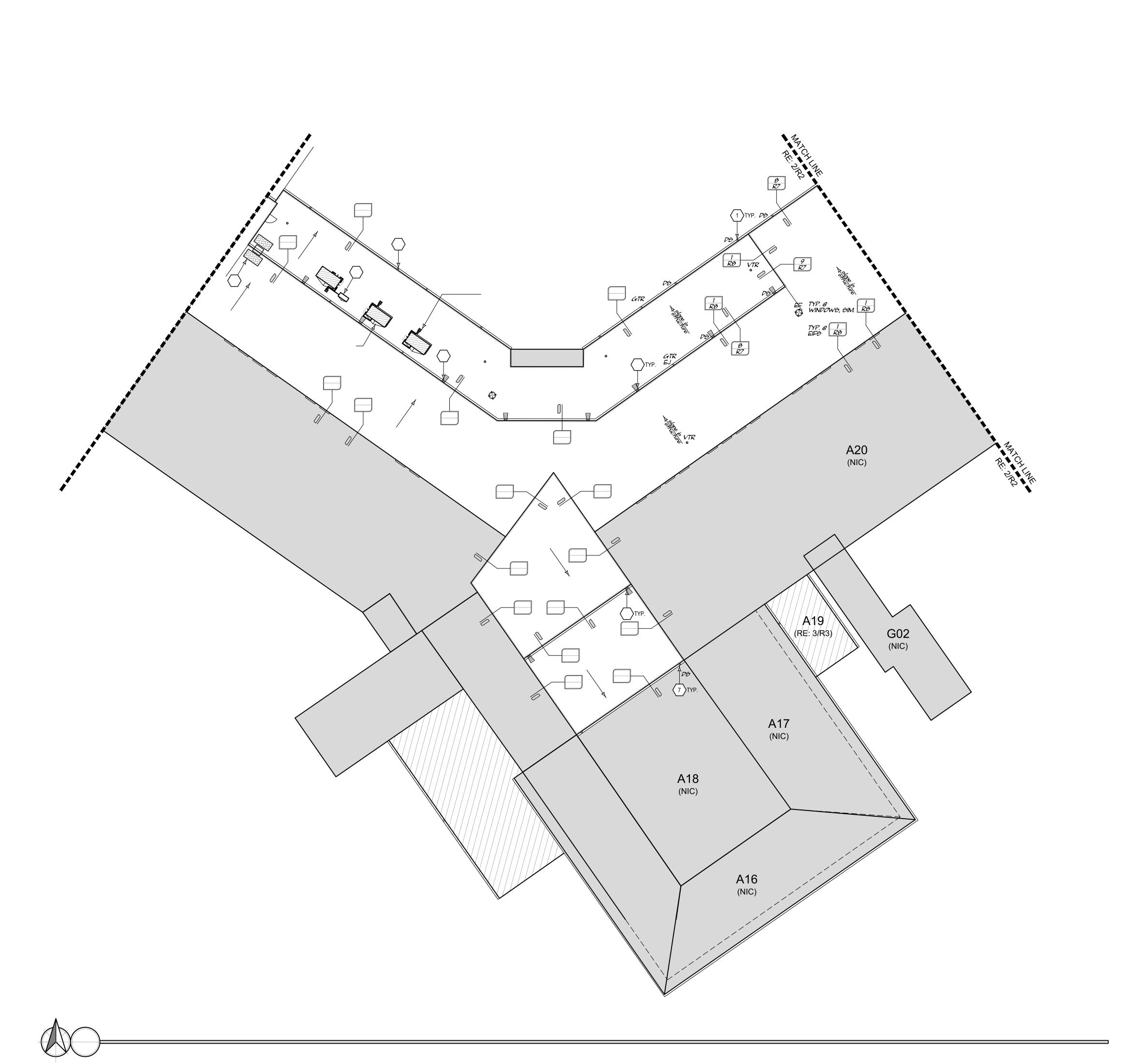


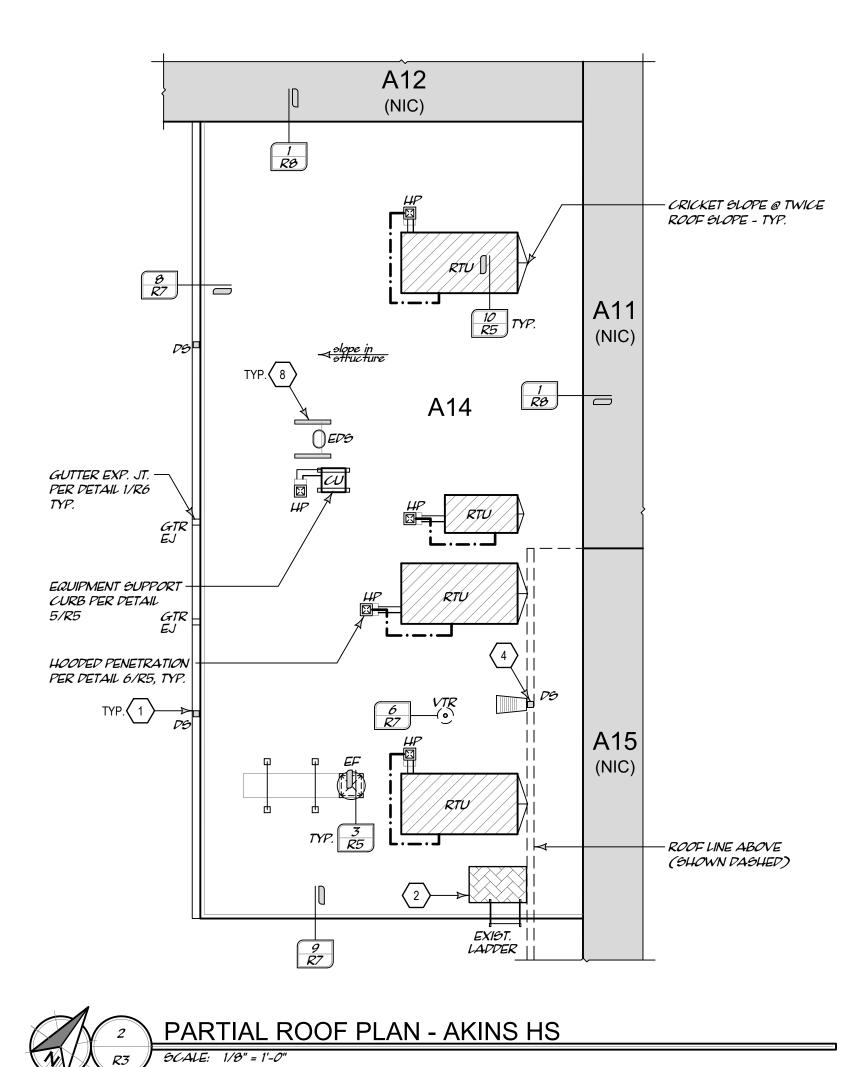


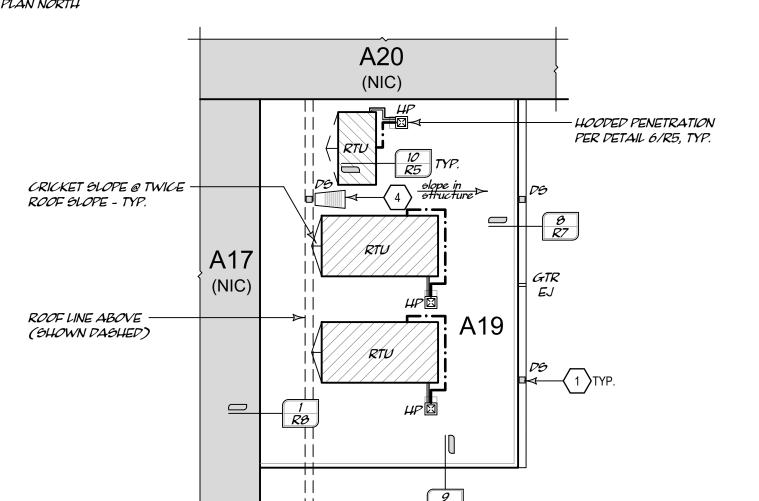
PARTIAL ROOF PLANS CHECKED BY: DATE:

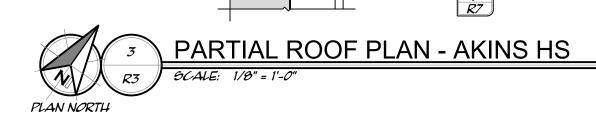


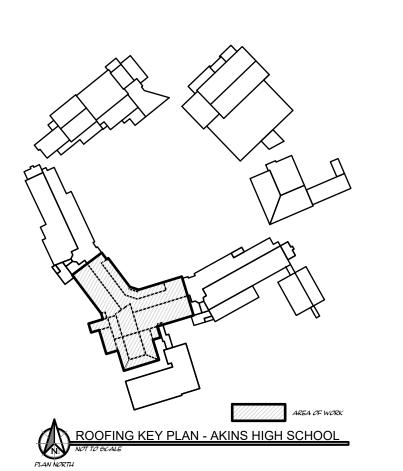








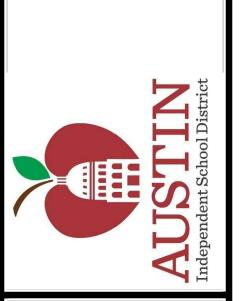


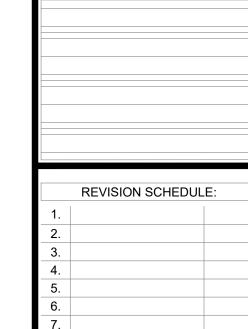




+ Cannon P group, Ilc

11800 Highland Oaks Trail | Austin, TX 78749
P: 512.300.0452
www.hollon-cannon.com







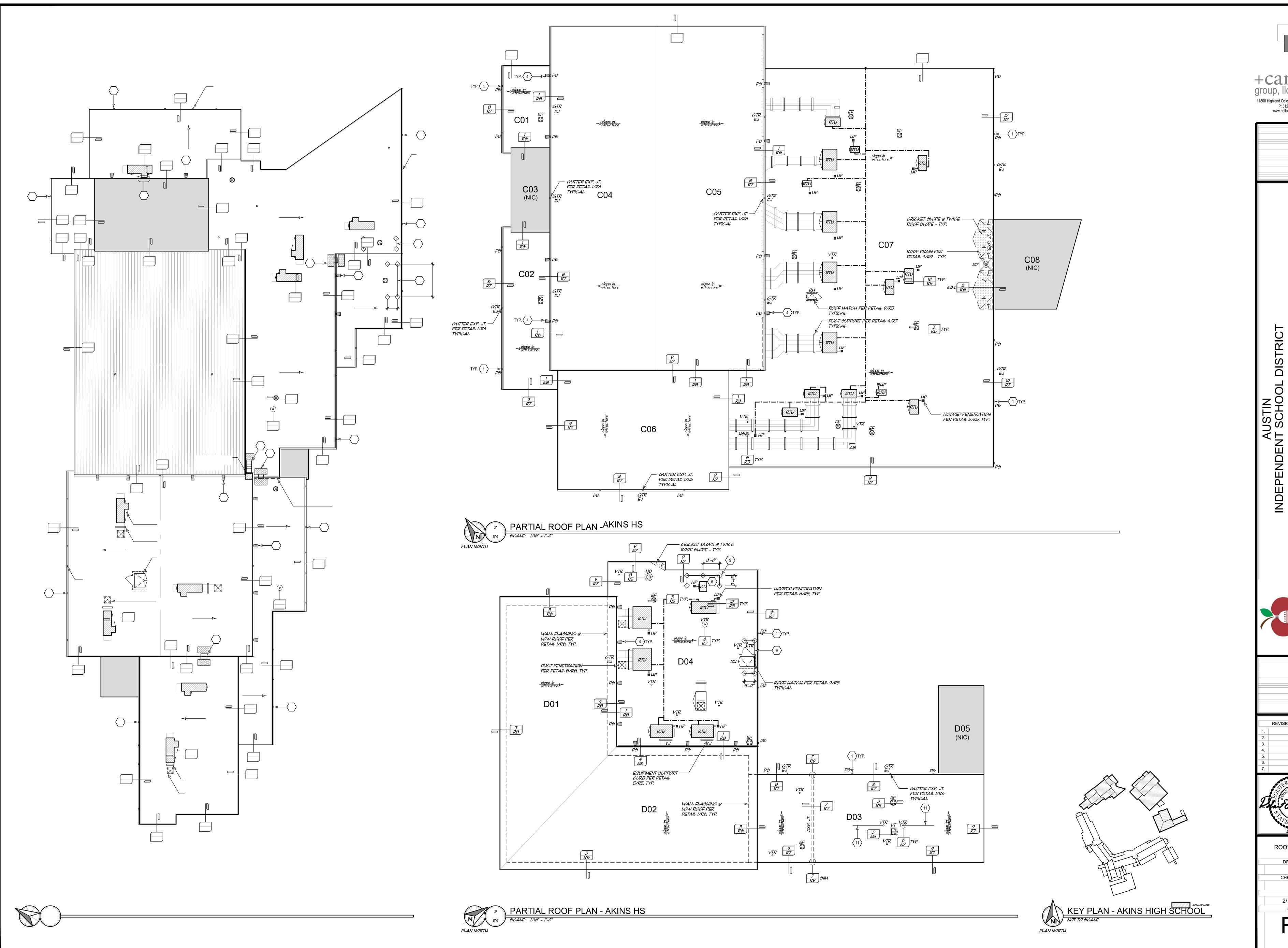
DRAWN BY:

MWH

CHECKED BY:

RR

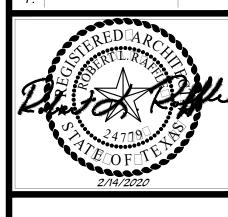
2/14/2020 SHEET: R3 OF



+ Cannon group, llc 11800 Highland Oaks Trail | Austin, TX 78749 P: 512.300.0452 www.hollon-cannon.com

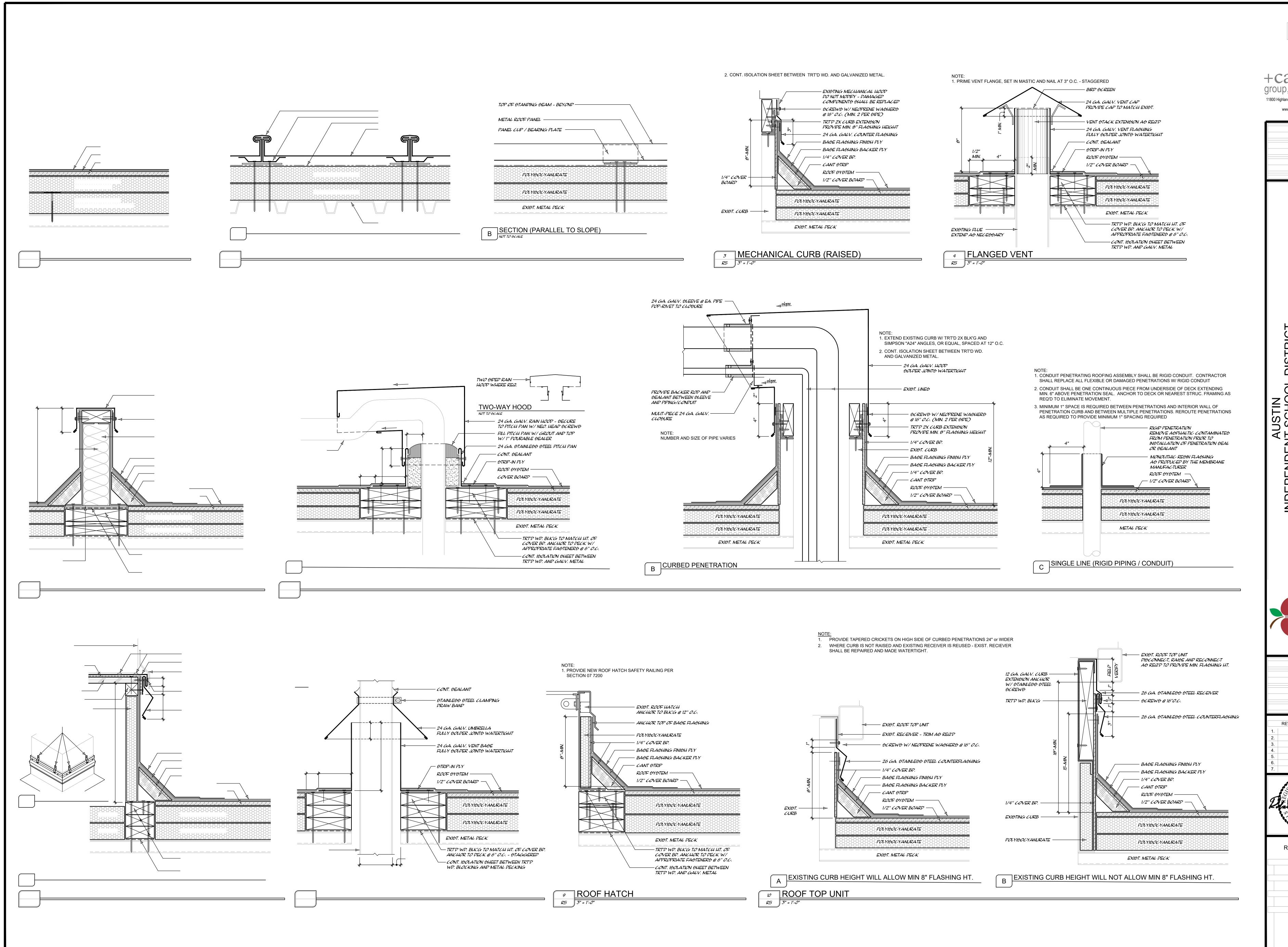






ROOF DETAILS CHECKED BY:

2/14/2020



+cannon¹ 11800 Highland Oaks Trail | Austin, TX 78749

P: 512.300.0452 www.hollon-cannon.com

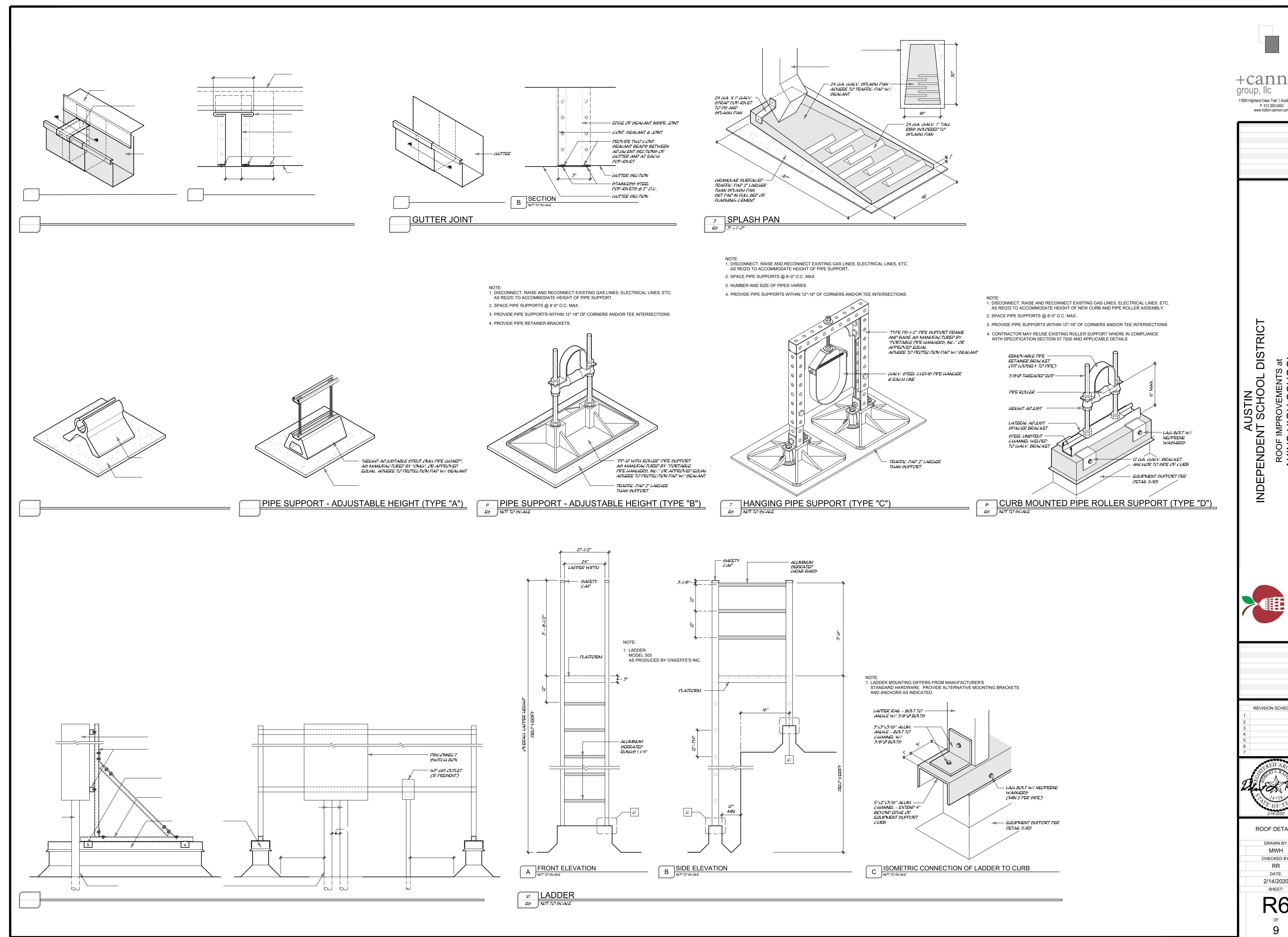
REVISION SCHEDULE:

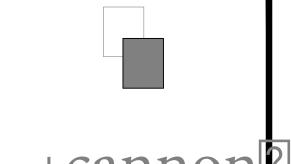


DRAWN BY: MWH

CHECKED BY: RR DATE: 2/14/2020

SHEET:





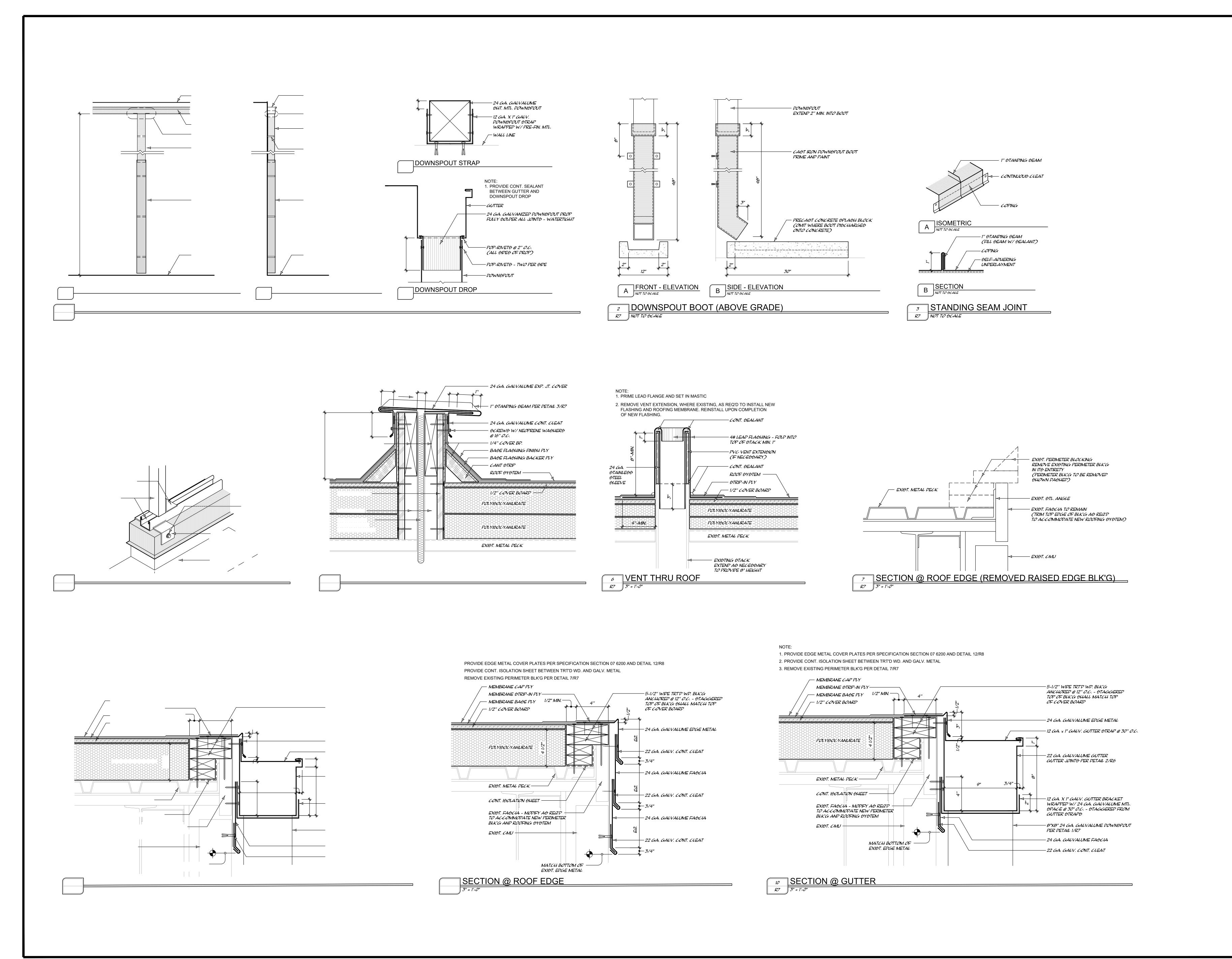
+cannon L group, llc 11800 Highland Oaks Trail | Austin, TX 78749 P: 512.300.0452 www.hollon-cannon.com

REVISION SCHEDULE:



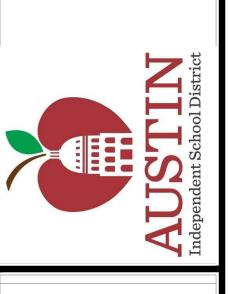
ROOF DETAILS

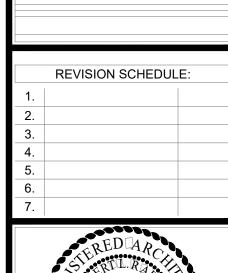
CHECKED BY: 2/14/2020





INDEPENDENT SCHOOL DISTRICT
ROOF IMPROVEMENTS at



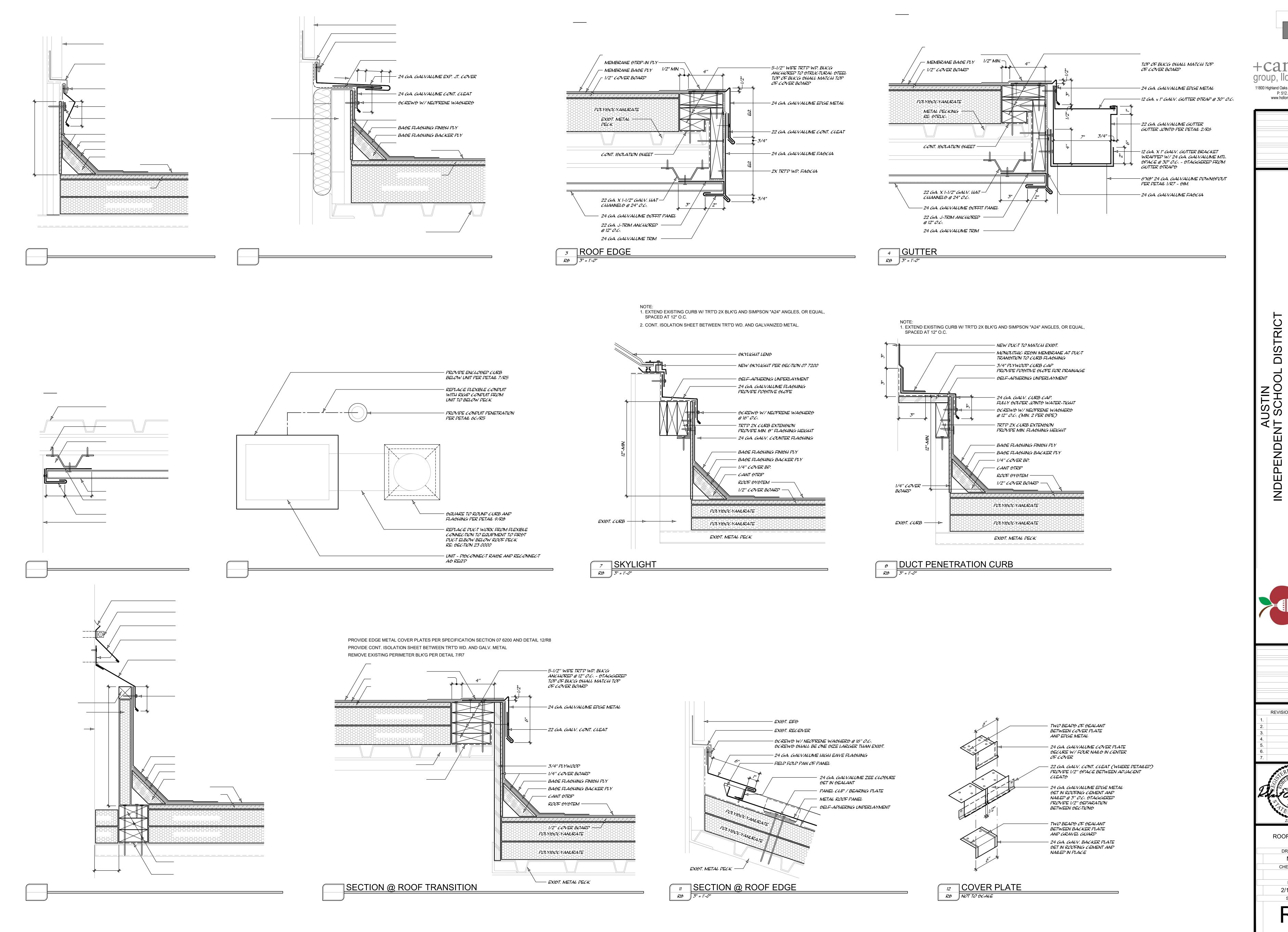




ROOF DETAILS

DRAWN BY:

CHECKED BY:
RR
DATE:
2/14/2020



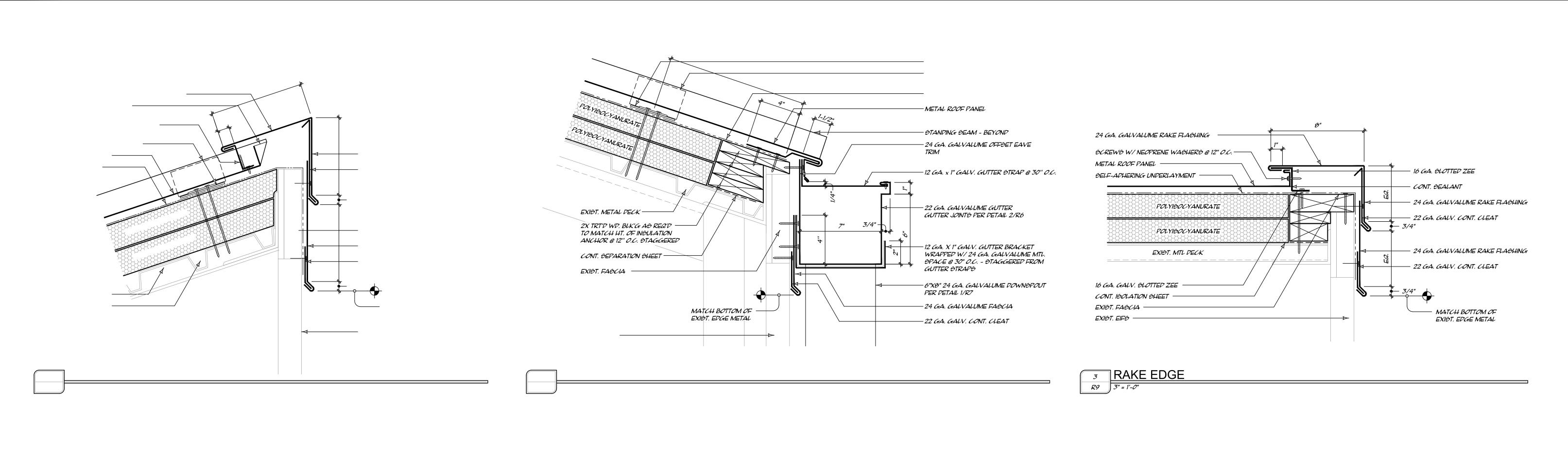
+cannon¹ group, llc 11800 Highland Oaks Trail | Austin, TX 78749 P: 512.300.0452 www.hollon-cannon.com

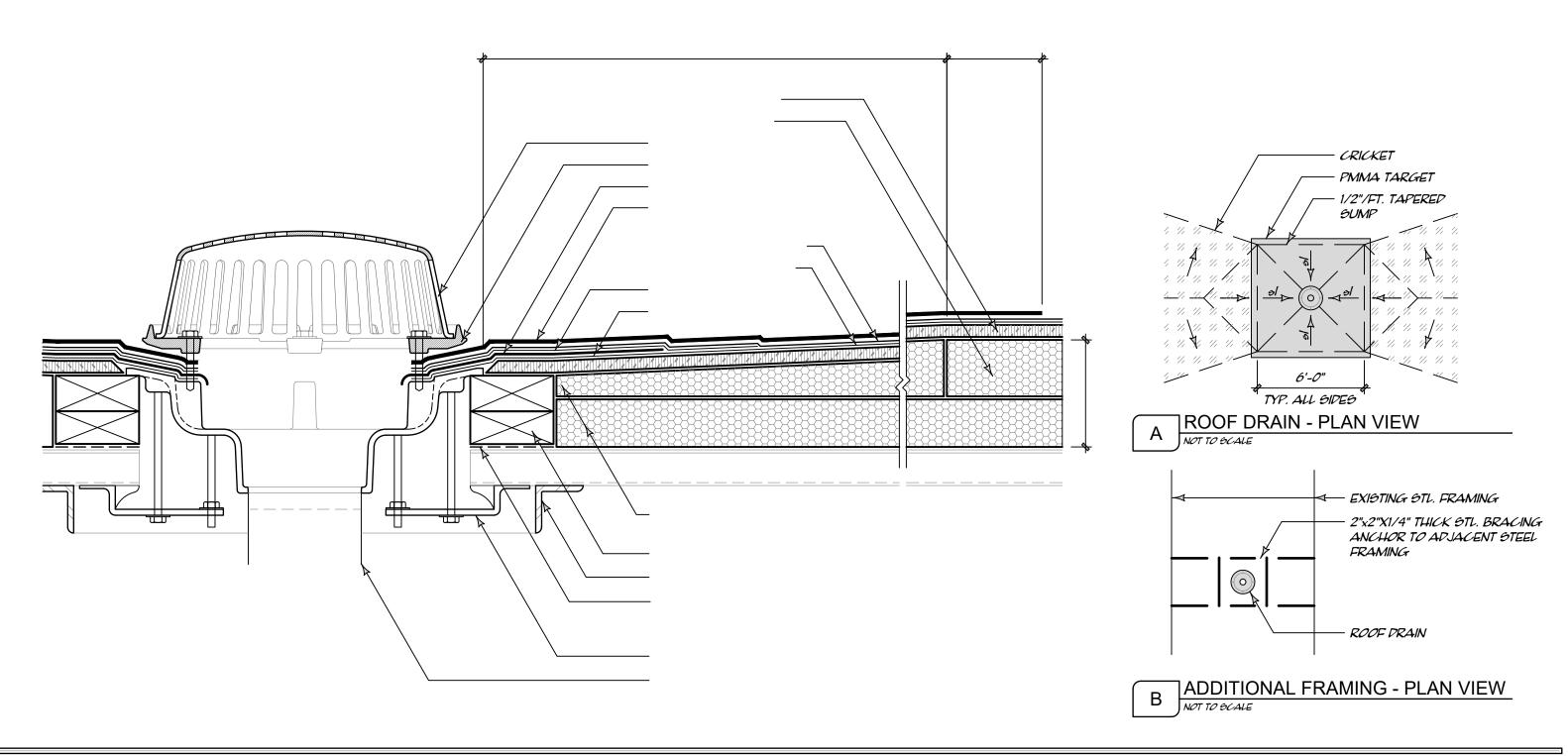
REVISION SCHEDULE:

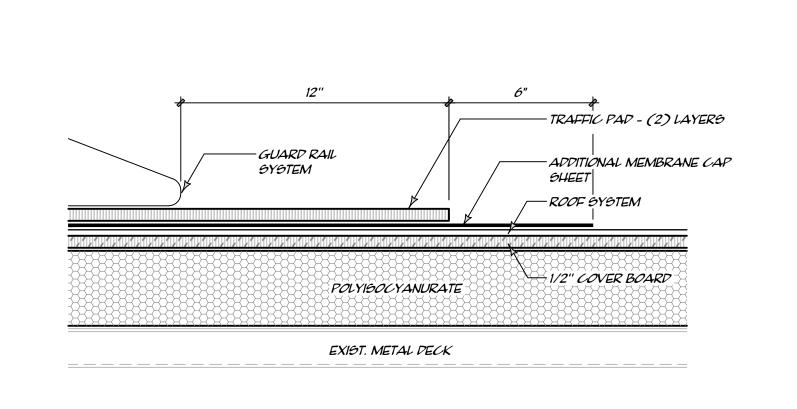


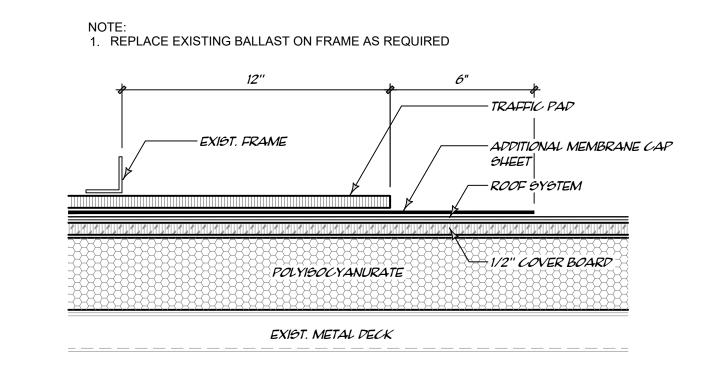
ROOF DETAILS DRAWN BY: MWH CHECKED BY: DATE: 2/14/2020

SHEET: R8



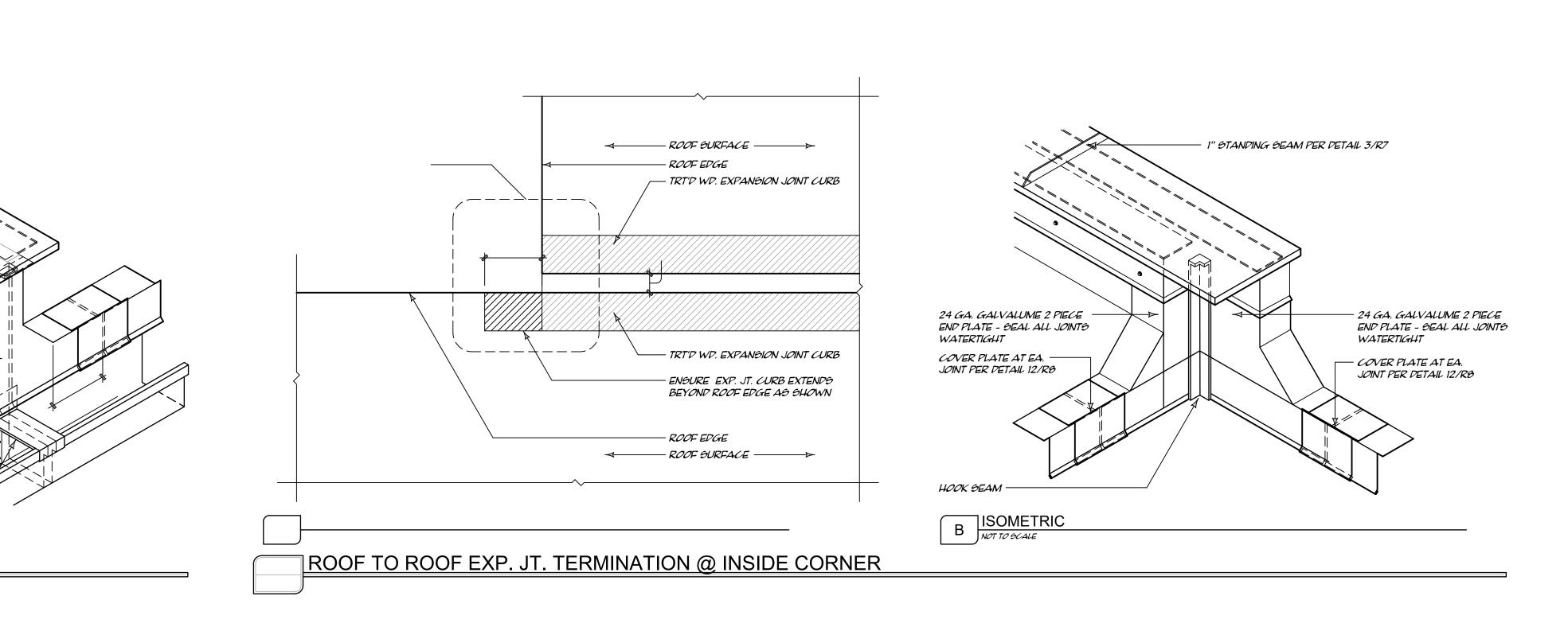


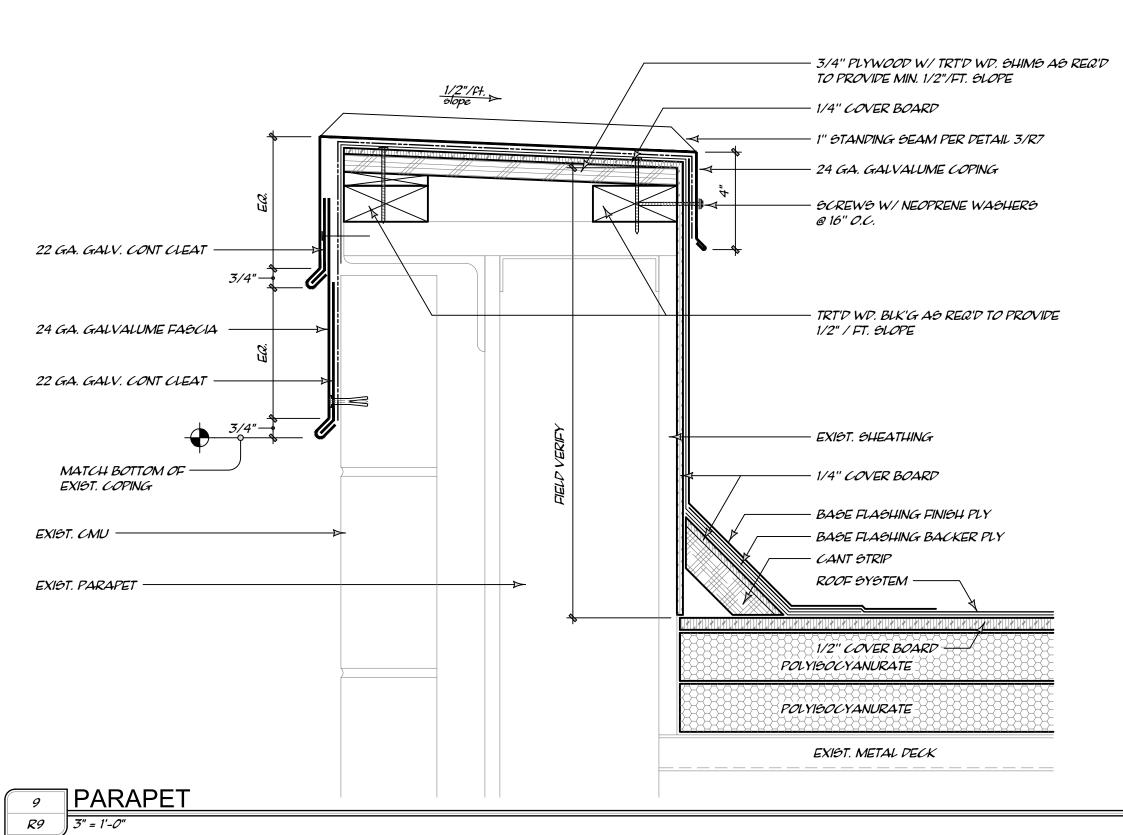


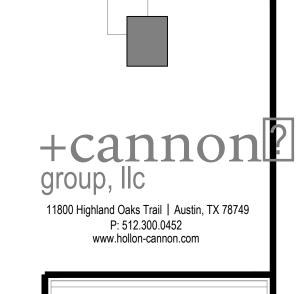






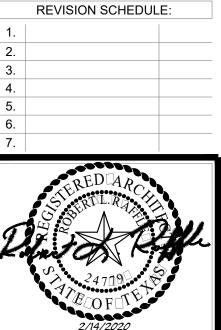












DRAWN BY:

MWH

CHECKED BY:

RR

R9

2/14/2020