

August 22, 2019

ADDENDUM ACKNOWLEDGEMENT FORM

To Whom It May Concern:

Concerning the **PSJA ISD BUELL CENTRAL HIGH SCHOOL AND CLOVER ELEMENTARY SCHOOL RE-ROOFING BID # 18-19-054**, to be opened at 4:00 p.m., Thursday, August 29, 2019. Please consider the following:

Addendum Number:	Description of REVISED Addendum:
1	QUESTIONS AND ANSWERS CLARIFICATIONS DRAWINGS PRE-BID SIGN-IN SHEET

For any questions pertaining to these changes, please contact Emily Garza, Director of Purchasing at (956) 354-2000.

Sincerely,



Emily Garza
Director of Purchasing

With the acceptance of this form, I acknowledge that I have received the above ***"ADDENDUM ACKNOWLEDGEMENT FORM"*** for the **PSJA ISD BUELL CENTRAL HIGH SCHOOL AND CLOVER ELEMENTARY SCHOOL RE-ROOFING BID # 18-19-054**, to be opened at 4:00 p.m., Thursday, August 29, 2019. Please include a signed copy of this ***"ADDENDUM ACKNOWLEDGMENT FORM"*** with your bid/proposal.

Company Name: _____ Authorized Signature: _____

Address: _____
Authorized Signature
(Print): _____

City / State / Zip: _____ Email: _____

Telephone Number: _____ Fax Number: _____

START COLLEGE NOW! COMPLETE EARLY! GO FAR!



ADDENDUM NUMBER: #1

Date: August 20, 2019

Project Name: PSJA ISD BUELL CENTRAL HS
& CLOVER ELEMENTARY
RE-ROOFING BID #18-19-054

Milnet Project No.: 219005

Date: August 20, 2019
Bid Date: August 29, 2019
Architect: Milnet Architectural Services
608 S. 12th St.
McAllen, TX 78501



NOTICE TO ALL BIDDERS

This Addendum forms a part of the Contract Document and modifies the original Drawings issued for bid, to the extent noted herein.

Careful note of this Addendum shall be taken by all parties of interest so that proper allowance is made in all computations, estimates and contracts and so that all trades affected are fully advised in the performance of work that will be required by them. Acknowledge receipt of this addendum by inserting its number and date of issue in the place provided for same in the proposal.

Items revised on the Drawings are designated by a cloud line and triangle surrounding the corresponding revision number.

This Addendum supersedes all previous Drawings, Specifications and instructions pertaining to these items. It is imperative that this addendum be inserted INTO set of specifications.

1.01 **Bidder Question:** It appears that plan sheets D1.0 Demo and A1.0 Floor Plans are missing.

Answer: Index of drawings is incorrect, attached is revised A0.0 to replace sheet in contract documents.

1.02 **Clarification:** Scope of work on canopy labeled “C” shall be omitted from project, existing canopies are to remain. See attached R1.02 for additional information, revised R1.02 to replace sheet in contract documents.

1.03 **Clarification:** Spec section 00 11 00 attached to replace section in contract documents, **Buell Central High School “building A” is a registered historical building with the Texas Historical Commission. Historical Marker – Atlas Number 5215000558**

1.04 **Bidder Question:** What type of roof is specified for the project?

Answer: This project consists of both “Adhered Multi-Ply Roof System Over Metal Roof & Adhered Multi-Ply Roof System”.

END OF ADDENDUM

SECTION 00 11 00 — ADVERTISEMENT AND INVITATION

PART 1 - GENERAL

1.1 PROJECT DESCRIPTION:

- A. This project consists of re-roofing the PSJA Buell Central High School roofs and PSJA Clover Elementary School roofs, scope of work also consists of accent painting with elastomeric coating as Alt#1. **Buell Central High School “building A” is a registered historical building with the Texas Historical Commission – Historical Marker – Atlas Number 5215000558.**

1.2 INSTRUCTIONS TO BIDDERS:

- A. Refer to Section 00 21 13 – Instructions to Bidders.

1.3 PRE-BID CONFERENCE:

- A. The purpose of the Pre-Bid Conference is to answer any questions that any bidder may have. This is the last date for questions. All questions must be asked in a written format only and directed to Emily Garza Director of Purchasing PSJA I.S.D.- Purchasing Department, 601 E. Kelly, Pharr, Texas 78577/ (956) 354-2000 Phone – (956) 354-3019 Fax, emily.garza@psjaisd.us Email and Rudy Molina, AIA, Milnet Architectural Services, 608 S. 12th St., McAllen, Texas 78501/ (956) 688-5656 Phone – (956) 687-9289 Fax, rudym@milnet-archservices.com Email and Juan Martinez juanmart@milnet-archservices.com . All questions will be answered in a written addendum only.

- B. Date and Time: Thursday, August 15, 2019 at 2:00 pm

- C. Location: Administration Building/Business Services Conference Room #205
601 E. Kelly, Pharr, Texas 78577

D. OPENING OF BIDS:

E. Place:

1. Competitive sealed bids will be received at the office of:

Owner: Administration Building/Purchasing Department Room #249
Address: 601 E. Kelly, Pharr, Texas 78577
Attention: Mr. Emily Garza
Director of Purchasing Department

- B. Date: **Thursday, August 22, 2019**

- C. Hour: **4:00 P.M.**

1.4 REJECTION:

- A. The Owner reserves the right to reject any or all Bids, and to waive any irregularities or formalities.

END OF SECTION

ABBREVIATIONS

ABV	above	FIN	finish (ed)
AFF	above finish floor	FFE	finished floor elevation
ASC	above suspended ceiling	FFL	finished floor line
ACC	access	FA	fire alarm
ACFL	access floor	FBRK	fire brick
AP	access panel	FE	fire extinguisher
AC	acoustical	FEC	fire extinguisher cabinet
ACPL	acoustical plaster	FHS	fire hose station
ACT	acoustical tile	FPL	fireplace
ACR	acrylic plastic	FP	fireproof
ADD	addendum	FRC	fire-resistant coating
ADH	adhesive	FRT	fire-retardant
ADJ	adjacent	FLG	flashing
ADJT	adjustable	FHMS	flathead machine screw
AGE	aggregate	FHWS	flathead wood screw
A/C	air conditioning	FLX	flexible
ALT	alternate	FLR	floor (ing)
AL	aluminum	FLOO	floor cleanout
ANC	anchor, anchorage	FD	floor drain
AB	anchor bolt	FPL	floor plate
ANCD	anodized	FLUR	fluorescent
APX	approximate	FJT	flush joint
ARCH	architect (ural)	FTG	footing
AD	area drain	FRG	forged
ASB	asbestos	FND	foundation
ASPH	asphalt	FR	frame (d), (ing)
AT	asphalt tile	FRA	fresh air
AUTO	automatic	FS	full size
BP	back plaster (ed)	FBO	furnished by others
BSMT	basement	FUR	furred (ing)
BRG	bearing	FUT	future
BPL	bearing plate	GA	gage, gauge
BJT	bed joint	GV	galvanized
BM	bench mark	GI	galvanized iron
BEL	below	GP	galvanized pipe
BET	between	GSS	galvanized steel sheet
BVL	beveled	GKT	gasket (ed)
BIT	bituminous	GC	general contract (or)
BLK	block	GL	glass, glazing
BLKG	blocking	GLB	glass block
BD	board	GLF	glass fiber
BW	both ways	GCMU	glazed concrete masonry units
BOT	bottom	GST	glazed structural tile
BRK	brick	GB	grab bar
BRZ	bronze	GD	grade, grading
BLDG	building	GRN	granite
BUR	built up roofing	GVL	gravel
BRD	bulletin board	GF	ground face
CAB	cabinet	GT	grout
CAD	cadium	GPW	gypsum dry wall
CFT	carpet (ed)	GPL	gypsum lath
CSMT	casement	GPPL	gypsum plaster
CI	cast iron	GPT	gypsum tile
CIPC	cast-in-place concrete	HH	handhold
CST	cast stone	HBD	hardboard
CB	catch basin	HDW	hardware
CK	caulk (ing) caulk (ing)	HW	hardwood
CLG	ceiling	HJT	head joint
CHT	ceiling height	HDR	header
CEM	cement	HTG	heating
CPL	cement plaster (portland)	HVAC	heating/ventilation/air conditioning
CM	centimeter (s)	HD	heavy duty
CER	ceramic	HT	height
CT	ceramic tile	HX	hexagonal
CMT	ceramic mosaic (tile)	HES	high early-strength
CKBD	chalkboard	HC	hollow core
CHAM	chamfer	HM	hollow metal
CR	chromium (plated)	HK	hook (s)
CIR	circle	HOR	horizontal
CIRC	circumference	HB	hose bibb
CLR	clear (ance)	HWH	hot water heater
CLS	closure	INCL	incinerator
COL	column	INCL	include (d), (ing)
CCOMB	combination	ID	inside diameter
CCOMPT	compartment	INS	insulate (d), (ion)
CCOMPO	composition (composite)	INSC	insulating concrete
CCOMP	compress (ed), (ion), (ible)	INSF	insulating fill
CCNC	concrete	INT	interior
CCMU	concrete masonry unit	ILK	interlock
CCX	connection	INTM	intermediate
CCNST	construction	INV	invert
CCONT	continuous or continue	IPS	iron pipe size
CCONTR	contract (or)	JC	janitor's closet
CLL	contract limit line	JT	joint
CLT	control (iller)	JF	joint filler
CPR	copper	J	jolt
CG	corner guard	KCPL	keene's cement plaster
CCOR	corrugated	KPL	kickplate
CTR	counter	KIT	kitchen
CFL	counterflashing	KO	knockout
CS	countersink	LBL	label
CTSK	countersunk screw	LAB	laboratory
CRS	course (s)	LAD	ladder
CRG	cross grain	LB	lag bolt
CFT	cubic foot	LAM	laminata
CYD	cubic yard	LAV	lavatory
DPR	dampener	LH	left hand
DP	dampproofing	L	length
DL	dead load	LT	light
DEM	demolish, demolition	LC	light control
DMT	demountable	LP	lightproof
DEP	depressed	LW	lightweight
DLT	detail	LWC	lightweight concrete
DIA	diagonal	LMS	limestone
DIAM	diameter	LTL	lintel
DIM	dimension	LL	live load
DPR	dispenser	LVR	louver
DIV	division	LPT	low point
DR	door	MB	machine bolt
DA	doublebleading	MI	malleable iron
DH	double hung	MH	manhole
DTA	dovetail anchor	MFR	manufacture (er)
DTS	dovetail anchor slot	MRB	marble
DS	downspout	MFR	manufacture (er)
D	drain	MAS	masonry
DRB	drainboard	MO	masonry opening
DT	drain tile	MTL	material (s)
DWR	drawer	MAX	maximum
DWG	drawing	MECH	mechanic (al)
DF	drinking fountain	MC	medicine cabinet
DW	dumbwaiter	MED	medium
EF	each face	MBR	member
E	east	MMB	membrane
ELEC	electric (al)	MET	metal
EP	electrical panelboard	MFD	metal floor decking
EWC	electric water cooler	MTR	metal furring
EL	elevation	MRD	metal roof decking
ELEV	elevator	MTHR	metal threshold
EMER	emergency	M	meter
ENC	enclose (ure)	MM	millimeter (s)
EO	equal	MWK	millwork
EQP	equipment	MIN	minimum
ESC	escalator	MIR	mirror
EST	estimate	MISC	miscellaneous
EXCA	excavate	MOD	modular
EXH	exhaust	MLD	molding, moulding
EXG	existing	MR	mop receptor
EXMP	expanded metal plate	MT	mount (ed), (ing)
EB	expansion bolt	MOV	movable
EXP	exposed	MULL	mullion
EXT	exterior	NL	naillable
EXS	extra strong	NAT	natural
FB	face brick	NI	nickel
FOC	face of concrete	NR	noise reduction
FOF	face of finish	NRC	noise reduction coefficient
FOM	face of masonry	NOM	nominal
FOS	face of studs	N	North
FF	factory finish	NIC	not in contract
FAS	fasten fastener	NTS	not to scale
FBD	fiberboard		
FN	fence		
FGL	fiberglass		

MATERIALS LEGEND

	CONTINUOUS WOOD BLOCKING
	NON-CONTINUOUS WOOD BLOCKING (SHIM)
	STEEL
	GYPSUM BOARD
	PLYWOOD
	RIGID INSULATION
	BATT INSULATION
	CONCRETE MASONRY UNITS

SYMBOLS

	ELEVATION SYMBOL
	SECTION/DETAIL SYMBOL
	WALL TYPE SYMBOL
	WINDOW SYMBOL
	ROOM NAME & NUMBER SYMBOL FINISH NUMBER
	DOOR SYMBOL

PARKING REQUIREMENTS

GENERAL NOTES

- ALL CONSTRUCTION INCLUDING MATERIAL AND WORKMANSHIP, SHALL CONFORM TO THE 2012 INTERNATIONAL BUILDING CODE.
- ALL ASTM STANDARDS LISTED HERE WITHIN, SHALL BE AS REFERENCED IN THE LATEST ISSUE OF THE ANNUAL BOOK OF STANDARDS OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS
- THE CONTRACTOR, SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE BEGINNING WORK. THE ARCHITECT AND ENGINEER, SHALL IMMEDIATELY BE NOTIFIED IN WRITING OF ANY DISCREPANCIES. THE CONTRACTOR SHALL CAREFULLY STUDY AND COORDINATE THE MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS WITH THE ARCHITECTURAL WORK PRIOR TO INSTALLATION AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ALL APPARENT INCONSISTENCIES FOR CLARIFICATION.
- ALL OMISSIONS AND OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND SPECIFICATIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER. WORK SHOULD NOT PROCEED UNTIL A SOLUTION IS GIVEN BY THE ARCHITECT OR ENGINEER.
- IN CASE OF CONFLICTS BETWEEN GENERAL NOTES AND DETAILS, THE DETAILS, SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES. TYPICAL DETAILS, SHALL BE USED WHENEVER APPLICABLE. REFER TO SPECIFICATIONS FOR INFORMATION NOT COVERED BY THESE NOTES OR DRAWINGS.
- IF A SPECIFIC DETAIL IS NOT SHOWN FOR ANY PART OF WORK, THE CONSTRUCTION, SHALL BE THE SAME AS FOR SIMILAR WORK.
- COORDINATE FOUNDATION PLANS AND MECHANICAL DRAWINGS, FOR ALL OPENINGS, INSERTS AND OTHER RELATED ITEMS.
- DIMENSIONS ARE TO FINISH FACE OF WALLS UNLESS NOTED OTHERWISE.
- ADDITIONAL MISCELLANEOUS STEEL ITEMS NOT SHOWN ON STRUCTURAL DRAWINGS MAY BE REQUIRED. GENERAL CONTRACTOR AND FABRICATOR SHALL COORDINATE ALL REQUIREMENTS AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ALL APPARENT INCONSISTENCIES FOR CLARIFICATION. (SUCH AS SIMPSON STRONG TIES)
- DO NOT DIMENSION THIS DRAWING. ANY DIMENSIONS, QUESTIONS, SHOULD BE DIRECTED TO THE ARCHITECT OR ENGINEER.

PROJECT CONTACTS

ARCHITECT: RUDY MOLINA, A.I.A.	MILNET ARCHITECTURAL SERVICES 608 S. 12th STREET Mc ALLEN, TEXAS 78501 (956) 688-5656	CIVIL:
OWNER: JERRY LOPEZ	PSJA ISD ADDRESS CITY, STATE ZIP CODE (956) 354-2075	STRUCTURAL:
MEP:		GENERAL CONTRACTOR: TBD

INDEX OF DRAWINGS

ARCHITECTURAL

A0.0	COVER SHEET
AS1.0	SITE PLAN
A2.0	EXTERIOR ELEVATIONS
R1.01	OVERALL ROOF PLAN - CLOVER ELEMENTARY SCHOOL!
R1.01A	PARTIAL ROOF PLAN - CLOVER ELEMENTARY SCHOOL!
R1.01B	ENLARGED ROOF PLAN - CLOVER ELEMENTARY
R1.02	SCHOOL!OVERALL ROOF PLAN - BUELL HIGH SCHOOL!
R1.02A	ENALRGED ROOF PLAN - BUELL HIGH SCHOOL!
R1.02B	ENLARGED ROOF PLAN - BUELL HIGH SCHOOL
R2.01	ROOF DETAILS
R2.02	ROOF DETAILS
R2.03	ROOF DETAILS
R2.04	ROOF DETAILS
R2.05	PHOTOS - BUELL HIGH SCHOOL
R2.06	PHOTOS - CLOVER ELEMENTARY SCHOOL

PSJA ISD BUELL CENTRAL H.S. & CLOVER ELEMENTARY
RE-ROOFING BID # 18-19-054



BUELL CENTRAL HIGH SCHOOL

SITE PLAN/LOCATION MAP

CLOVER ELEMENTARY SCHOOL



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PSJA ISD BUELL CENTRAL H.S. &
CLOVER ELEMENTARY RE-ROOFING

BID # 18-19-054

PSJA ISD
PHARR & SAN JUAN

PROJECT NUMBER
219005

DATE
JULY 29, 2019

ISSUE FOR BIDS

ADD #1 8/20/2019

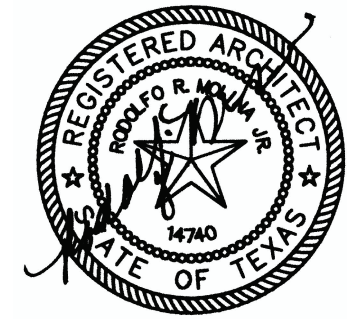
SHEET NUMBER

A0.0



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PSJA ISD BUELL CENTRAL HS &
ELEMENTARY RE-ROOFING
PSJA ISD BID #18-19-054
ALAMO, TX

PROJECT NUMBER
219005

DATE
JULY 29, 2019

ISSUE FOR BIDS

ADD #1 8/20/2019

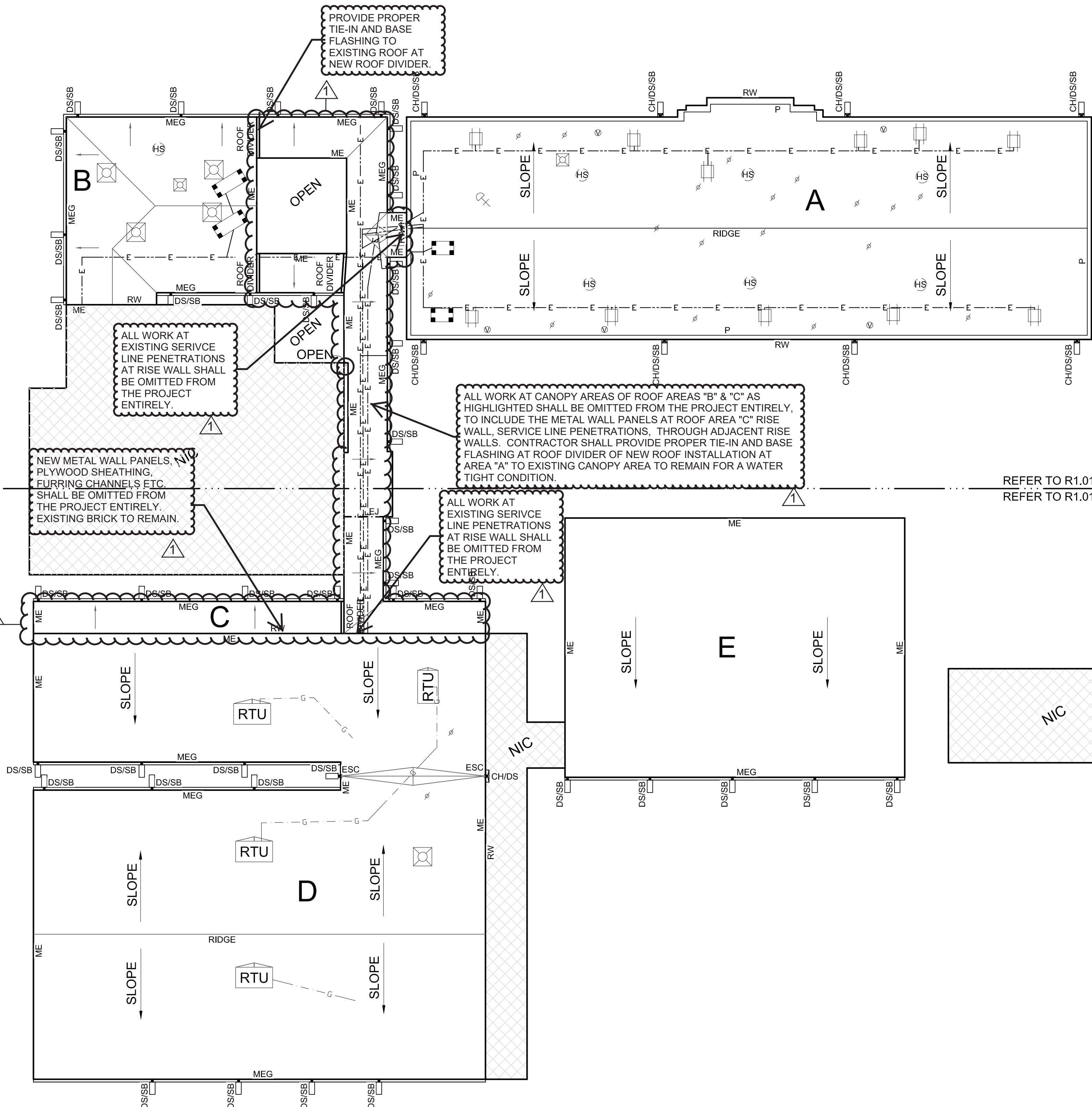
SHEET NUMBER

R1.02

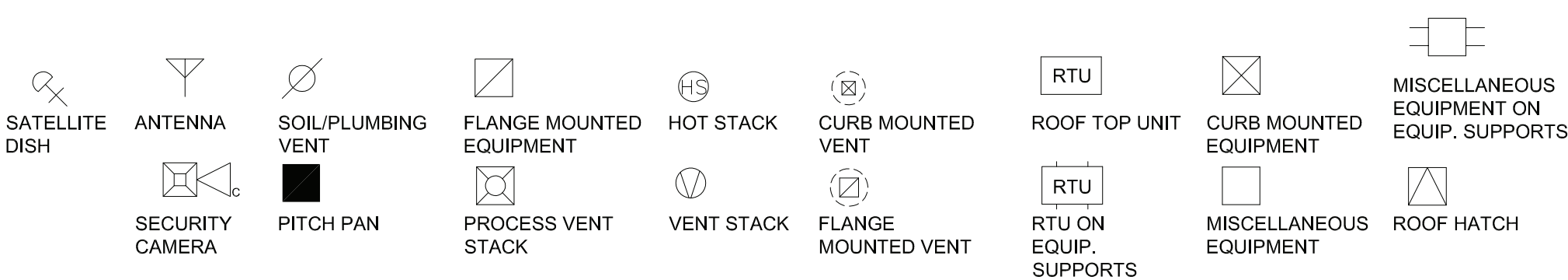
OVERALL ROOF
PLAN AND
GENERAL NOTES

GENERAL ROOF NOTES

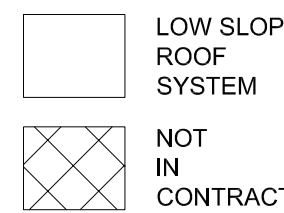
- PROVIDE ALL REQUIRED UTILITY / STRUCTURAL COMPONENTS AND/OR CONNECTIONS FOR THE FUNCTIONAL USE OF ALL CONTRACTOR SUPPLIED EQUIPMENT OR APPLIANCES, REGARDLESS OF ANY OMISSIONS OR INCONSISTENCIES ENCOUNTERED IN THE CONSTRUCTION DOCUMENTS.
- THE WORD 'PROVIDE' SHALL MEAN 'FURNISH AND INSTALL COMPLETE AND READY TO USE.'
- IF DISCREPANCIES APPEAR BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE HIGHER QUALITY, QUANTITY, AND PRICE SHALL SUPERSEDE.
- THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL BECOME FAMILIAR WITH THE PROJECT AND THE ON-SITE / OFF-SITE CONDITIONS PRIOR TO BIDDING OR COMMENCING WORK.
- PROVIDE METAL END CLOSURE ON EXPANSION JOINTS WHERE THEY OCCUR AT THE EDGE OF THE ROOF.
- ROOF SLOPES SHOWN ON DRAWING ARE GENERAL AND CONCEPTUAL ONLY. PROVIDE POSITIVE DRAINAGE TO ALL ROOF DRAINS. VERIFY TAPER IN SHOP DRAWINGS.
- PROVIDE TAPERED INSULATION CRICKETS (1/2" MIN. SLOPE) AT HIGH SIDE OF ALL MECHANICAL UNITS SMOKE VENTS, ROOF HATCHES & OTHER MISC. ROOF PENETRATIONS, TO SHED WATER AROUND & TO ENSURE POSITIVE ROOF DRAINAGE.
- PROVIDE ADDITIONAL FULLY ADHERED MEMBRANES AS PROTECTION AT "SERVICE SIDE" OF ALL MECH. EQUIPMENT - FIELD VERIFY LOCATIONS, AS WELL AS PROTECTION AT "ACCESS SIDE" OF ALL ROOF HATCHES AND ROOF ACCESS LADDERS FIELD VERIFY LOCATIONS AND AT DOWNSPOUT LOCATIONS.
- ALL WOOD BLOCKING AT ROOF EDGES ARE TO BE FABRICATED FROM CONT. 2X6 FR-WD BOARDS. PROVIDE LARGER 2X FR-WD AS REQUIRED PER DIMENSIONED DETAILED OR AS FIELD CONDITIONS DICTATE. ALL COPING TO BE SLOPED TOWARD THE INTERIOR.
- ALL EXPOSED FLASHING, COPING (IF APPLICABLE) AND THEIR ACCESSORIES SHALL BE AS SPECIFIED. PAINT ALL METAL FLASHING THAT IS NOT PREFINISHED (TYP) AND VISIBLE FROM THE GROUND.
- HEIGHT OF ALL NAILERS SHALL BE FLUSH WITH NEW INSULATION THICKNESS.
- ALL THROUGH WALL FLASHING SYSTEMS TO ACCOMMODATE 8" MINIMUM FLASHING HEIGHT FROM FINISHED ROOF SURFACE. PROVIDE END DAMS AS CONDITIONS ALLOW. ALL FLASHING TO HAVE 4" LAP MINIMUM AND OR STEP.
- ALL PITCH PANS SHALL BE CLAD METAL AND COMPATIBLE WITH FINISHED ROOFING MEMBRANE MATERIAL AND RECEIVE EITHER MECHANICALLY ATTACHED GOOSENECK OR METAL BONNETS. METAL BONNETS SHALL BE SECURED WITH CLAMPING RING AND SEALANT. SPECIAL CARE GIVEN TO WASH ALL METAL PRIOR TO INSTALLATION.
- ALL INFIELD EXPANSION JOINTS SHALL HAVE LOW SLOPED STANDING SEAM JOINTS AND SHALL BE CHAMFERED AT TERMINATION AT ROOF EDGE TO MEET PROFILE OF PERIMETER.
- ANY CRACKS OR VOIDS IN RISE WALLS ABOVE COUNTER FLASHING SHALL BE REPAIRED WITH COMPATIBLE SEALANT.
- PROVIDE NEW CONCRETE SPLASH BLOCKS ON ROOF ELEVATION SUPPORTED BY A WALK PAD WHERE DOWNSPOUTS OCCUR.
- ALL PIPE AND CONDUIT SHALL RECEIVE PIPE SUPPORTS AND RELATED SHIMS, AND SHALL BE PLACED ON AN ADDITIONAL FULLY ADHERED ROOF MEMBRANE UNDER SPECIFIED WALK PAD PRIOR TO SURFACE APPLICATION. SUPPORTS TO OCCUR AT 10'-0" O.C. AND WITHIN 2'-0" OF ALL SLOPES, TEES AND CORNERS. ALL PIPE TO BE PAINTED PER BUILDING CODE REQUIREMENTS.
- ALL METAL FLASHING SHALL EXTEND BEYOND ROOF EDGE MIN. 8" WHERE FLASHING ABUTS VERTICAL WALL SURFACE AS DETAILED. ALL FLASHING SHALL BE INSTALLED IN SHINGLE FASHION.
- AT ALL LOCATIONS WHERE CONVERGENCE OF MULTIPLE PLANE OF ROOFING TO WALL OCCURS, FIELD FABRICATE THERMOPLASTIC BOOT TO BE INSTALLED OVER NEW ROOFING, COMPLETELY OVERLAYING THE TRANSITIONS OF ALL ROOF TO WALL, ELEVATIONS, INSIDE / OUTSIDE 90'S ETC. PRIOR TO METAL INSTALLATION.
- ALL EQUIPMENT CURBS TO BE RAISED AS NECESSARY TO MAINTAIN 10" MINIMUM HEIGHT ABOVE FINISHED ROOF SURFACE.
- MECHANICAL, ELECTRICAL, AND PLUMBING ROOF EQUIPMENT SHOWN ON THIS PLAN IS FOR GENERAL ARCHITECTURAL INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL CONDITIONS.
- FLASHING AND STRIPPING MATERIALS, BASE PLY SHEETS, MEMBRANES, INSULATION, AND ACCESSORIES SHOULD BE RECOMMENDED BY THE ROOFING SYSTEM MANUFACTURER FOR INTENDED USE AND COMPATIBILITY WITH THE MEMBRANE ROOFING SYSTEM.
- WHERE WOOD BLOCKING EXCEEDS 6" IN VERTICAL THICKNESS AT TAPERED INSULATION, PROVIDE STEM WALL CONSTRUCTED OF 6" GALVANIZED COLD FORMED METAL FRAMING AT 16" O.C. WITH CON. TRACK AT TOP AND BOTTOM AND WITH 3/4" FR-EXT GRADE PLYWOOD AT EACH SIDE, TOP TO SLOPE WITH TAPERED INSULATION.
- ALL VERTICAL MEMBRANE FLASHING SHALL BE MECHANICALLY FASTENED AND INSTALLED WITH NEW METAL COUNTER FLASHING UTILIZING A CONTINUOUS CLIP. SLIDE METAL COVER PLATE DOWN OVER VERTICAL CLIP AND SEAL.
- GUTTERS SHALL BE PREFINISHED GALVANIZED STEEL, SIZE PER ROOF PLAN, UNO. PROVIDE PREFINISHED 1/4"x1 1/2" GALVANIZED STEEL BENT PLATE BRACKETS AND PREFINISHED 1" GALVANIZED STEEL SPACERS AT 36" O.C. MAX. STAGGER WITH EACH OTHER AT 18" O.C.
- PROVIDE PREFINISHED GUTTER E.J.'S 30'-0" O.C. MAX.
- DOWNSPOUTS SHALL BE 5"x6" PREFINISHED GALVANIZED STEEL UNO AS INDICATED ON ROOF PLAN. PROVIDE PREFINISHED 2" GALVANIZED STEEL HANGERS AT 36" O.C. PROVIDE VANDAL PROOF STAINLESS STEEL STRAINERS AT EACH OUTLET. COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE SPLASH BLOCKS AT ALL ROOF LEADER NOZZLES THAT SPILL ONTO GROUND.
- VERIFY ELEVATION OF ROOF DRAIN RELATIVE TO OVERFLOW SCUPPER PRIOR TO INSTALLATION OF SCUPPERS.
- LOCATE SCUPPERS AS INDICATED ON ELEVATIONS, EITHER CENTERED OVER WINDOWS/OPENINGS, OR CENTERED BETWEEN WINDOWS/OPENINGS, UNO. ADJUST PLACEMENT TO MEET MASONRY COURSING MODULES.
- ROOF PLAN SHOWS TAPERED INSULATION CONCEPTUALLY AND FOR INTENT ONLY. TAPERED INSULATION IS NOT SHOWN TO SCALE AND IS SHOWN AS GRAPHIC REPRESENTATION ONLY IN ORDER TO SHOW SLOPE AND APPROXIMATE LOCATIONS OF MATERIAL. VERIFY INSULATION REQUIRED TO MAINTAIN SLOPE PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.



OVERALL ROOF PLAN - BUELL HIGH SCHOOL
NOT TO SCALE



ROOF LEGEND



PRE-BID CONFERENCE DATE: AUGUST 15, 2019 @ 10:00 A.M.

[illegible]