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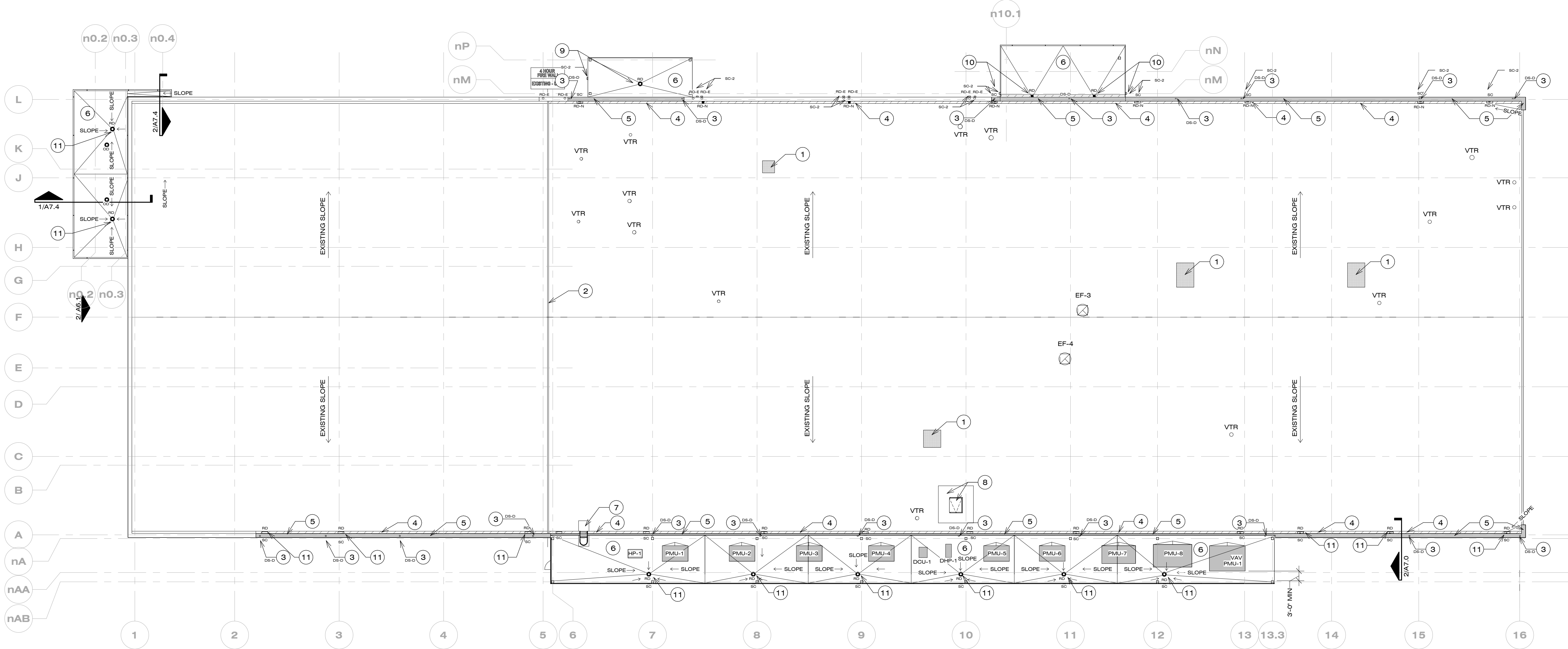


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
HMAC - HENDRICK
MOTORSPORTS
ATHLETIC CENTER
RENOVATION

4411 PAPA JOE
HENDRICK BLVD.
CONCORD, NC
28262

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



ROOF PLAN KEY NOTES			
1	PATCH AND REPAIR EXISTING TPO ROOF SYSTEM AS SHOWN HATCHED. VERIFY EXACT LOCATION IN FIELD. REFER TO DEMOLITION PLAN FOR REMOVAL OF EXISTING RTUS AND ROOF LADDER.	9	ROUTE ROOF DRAIN TO UNDERSIDE OF EXPOSED STRUCTURE, ALONG SIDE BEAM AND TURN DOWN IN EIFS WING WALL AND DAYLIGHT OUT SIDE. SEE SYMBOLS LEGEND FOR THRU-WALL RD NOZZLE (SC-2).
2	EXISTING JOINT AT RATED WALL ASSEMBLY TO REMAIN	10	ROUTE INTERNAL ROOF DRAIN DOWN ACM WING WALL AND DAYLIGHT OUT SIDE. SEE SYMBOLS LEGEND FOR THRU-WALL RD NOZZLE (SC-2). PROVIDE OVERFLOW 2 SCUPPERS AT TOP OF CANOPY ON SIDES OF GUTTER FOR SECONDARY SPILLWAY - SEE EXTERIOR ELEVATION 2/A6.0
3	REMOVE EXISTING GUTTER AND (DS-D) DOWNSPOUT SYSTEM.	11	NEW INTERNAL ROOF DRAIN AND/OR DOWNSPOUT TO BE CONNECTED TO STORM, SEE CIVIL
4	INTERNAL ROOF DRAINS (RD-E) AND OVERFLOW DRAINS (OD-E) TO REMAIN. VERIFY ALL EXISTING INTERNAL DRAINS IN FIELD LOCATIONS AND RELOCATE AS REQUIRED FOR NEW CONSTRUCTION. PROVIDE NEW THRU-WALL SCUPPER (SC) COVER FOR EXISTING OVERFLOW DRAINS.		
4	NEW 8" VALLEY GUTTER SYSTEM AS SHOWN HATCHED WITH INTERNAL ROOF DRAINS (RD-N) AND THRU-WALL OVERFLOW SCUPPERS (SC). PROVIDE	12	-
	COORDINATE EXISTING INTERNAL ROOF DRAIN (RD-E) AND REROUTE AS REQUIRED TO NEW VALLEY GUTTER SYSTEM.	13	-
5	NEW PARAPET AS SHOWN HATCHED TO ALIGN WITH ADJACENT PARAPET, SEE WALL SECTIONS FOR MORE INFORMATION	14	-
6	MECHANICALLY FASTENED WHITE 60 MIL. SINGLE PLY TPO ROOFING SYSTEM OVER RIGID INSULATION ON METAL DECK.	15	-
7	PARAPET ACCESS LADDER AND WALKWAY PADS, SEE SYMBOLS LEGEND	16	-
8	NEW ROOF HATCH AND CURB, PROVIDE WALKWAY PADS AROUND HATCH, SEE SYMBOLS LEGEND	17	-

ROOF LEGEND			
DS	PROVIDE PREFINISHED 3X3 DOWNSPOUT W/ KYNAR 500 FINISH OVER 24 GAUGE GALVANIZED STEEL. PROVIDE DOWNSPOUT BOOT EQUAL TO J.R. HOE & SONS GRAY IRON A-SERIES ANGULAR DOWNSPOUT BOOT. PROVIDE CONCRETE SPLASHBLOCK, OR TIE TO UNDERGROUND STORMWATER SYSTEM. SEE ROOF PLAN FOR LOCATIONS.		ROOF MOUNTED EXHAUST FAN ON 12" (MIN.) PREFABRICATED, INSULATED CURB. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION AND CONTROLS.
RD	PRIMARY ROOF DRAIN W/ CAST IRON COVER. SEE PLUMBING DRAWINGS FOR SIZING AND CONTINUATION TO UNDERGROUND STORM SYSTEM.		PLUMBING OR MECHANICAL VENT THRU ROOF. SEE PLUMBING & MECHANICAL PLANS FOR EXACT LOCATIONS.
OD	EMERGENCY OVERFLOW ROOF DRAIN W/ 2" WATER DAM AND CAST IRON COVER. SEE PLUMBING DRAWINGS FOR SIZING AND CONTINUATION TO DAYLIGHT LOCATION.		
SC	THRU-WALL SCUPPER. FABRICATE USING 24 GAUGE GALVANIZED STEEL W/ KYNAR 500 FINISH. SEE WALL SECTIONS FOR DETAILS.		
SC-2	X" THRU-WALL DOWNSPOUT NOZZLE WITH ANCHOR FLANGE TO CONNECT TO INTERNAL DRAIN WITH STAINLESS STEEL COVER SCREEN. FINISH: NICKEL BRONZE.		
PMU-X	ROOF MOUNTED HVAC UNIT ON 14" (MIN.) PREFABRICATED, INSULATED CURB. PROVIDE TAPERED RIGID INSULATION BOARD CRICKETS AS REQUIRED FOR DRAINAGE. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION AND CONTROLS.		
	MAINTAIN 3' CLR FOR MAINTENANCE ON MECHANICAL PLATFORM. SEE WALL SECTION		
SLOPE	ARROW INDICATES DIRECTION OF DOWNWARD ROOF SLOPE. ROOF SLOPE MINIMUM OF 1/4" PER FOOT (INCLUDING ALL VALLEYS).		
VALLEY GUTTER	PREFINISHED VALLEY GUTTER W/ KYNAR 500 FINISH OVER 24 GAUGE GALV. STEEL TO BE WRAPPED IN NEW TPO MEMBRANE. PROVIDE 1/8" PER FT. MIN. SLOPE TO INTERNAL ROOF DRAIN. MAX. EXPANSION JOINTS @ 50' O.C. PROVIDE GUTTER SUPPORTS, INTERLOCKING GUTTER STRAPS, AND GUTTER FLASHING AS REQD. SEE ROOF PLAN FOR GUTTER SIZING AND DRAINAGE CALCULATIONS. SEE WALL SECTIONS FOR MORE INFORMATION.		

GENERAL ROOF PLAN NOTES			
1	GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFICATION OF ALL ROOF DIMENSIONS INCLUDING SIZES AND LOCATION OF ALL EXISTING ROOF MOUNTED EQUIPMENT AND ACCESSORIES.	9	MECHANICAL AND PLUMBING CONTRACTORS SHALL SUPPLY THEIR OWN CURBS UNLESS NOTED OTHERWISE.
2	GENERAL CONTRACTORS SHALL ENSURE THAT THE ROOF STRUCTURE IS NOT OVERLOADED BY WEIGHTS OF CONSTRUCTION EQUIPMENT, MATERIALS, AND PERSONNEL DURING CONSTRUCTION AND SHALL PROVIDE ADEQUATE FALL PROTECTION.	10	ROOFING DETAILS SHOWN ARE FOR REFERENCE AND DESIGN INTENT ONLY. ROOFING CONTRACTOR SHALL UTILIZE APPROPRIATE MFR. DETAILS/ASSEMBLIES AS REQUIRED FOR THE ROOF SYSTEM WARRANTY. SUBMIT DETAILS TO ARCHITECT FOR APPROVAL.
3	THE GENERAL CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE IMMEDIATE VICINITY OF THE WORK SITE AS DIRECTED BY THE OWNER/ARCHITECT AND SHALL ACCESS THE ROOF ONLY FROM THE OUTSIDE OF THE BUILDING AT AREAS DIRECTED.	11	LOCATIONS OF CRICKETS AND TAPERED RIGID INSULATION ARE SHOWN FOR DESIGN INTENT ONLY. THE ROOFING CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DETAILED ROOFING PLAN TO PROVIDE REQUIRED DRAINAGE AND WATER-TIGHT ENVELOPE.
4	GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF COMPLETED ROOF SECTIONS DURING ADJACENT ROOF OPERATIONS.	12	CONTRACTOR SHALL ENSURE THAT ALL ROOF DRAINS, GUTTERS, DOWNSPOUTS, AND ROOF LEADERS WITHIN BLDG. ARE FREE AND CLEAR OF DEBRIS, DAMAGE AND ARE FULLY-FUNCTIONING.
5	DURING CONSTRUCTION, GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE BUILDING AND ITS CONTENTS FROM THE ELEMENTS AND SHALL PROVIDE TEMPORARY ROOF PROTECTION AND COVERING AS NECESSARY.	13	CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING THAT NO NEW WORK AFFECTS CURRENT MFR. WARRANTIES ON ANY EXISTING MECHANICAL UNITS OR OTHER ROOFTOP EQUIPMENT.
6	GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROPERLY FLASH ALL PLUMBING VENTS, EQUIPMENT CURBS, MECHANICAL/ELECTRICAL CONNECTIONS, ETC..	14	ROOF SLOPES TO BE 1/4" PER FOOT MINIMUM, INCLUDING VALLEYS.
7	RAISE ALL PLUMBING VENTS A MIN. OF 12" ABOVE TOP OF ROOF SYSTEM. RAISE ALL EQUIPMENT CURBS A MIN. OF 8-1/2" ABOVE TOP OF ROOF SYSTEM USING TREATED WOOD BLOCKING.	15	SEE MECHANICAL/PLUMBING DRAWINGS FOR EXACT EQUIPMENT PLACEMENT. EQUIPMENT SHOWN IS FOR COORDINATION ONLY.
8	GENERAL CONTRACTOR SHALL PROPERLY DISPOSE OF ALL DEBRIS OFF SITE DAILY, INCLUDING FROM ROOF.	16	-

#	DESCRIPTION	DATE
1	0 FOR CONSTRUCTION	03.31.25
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ARCH. PROJECT # CLT 23-138

ROOF PLAN

SCALE: As Indicated

SHEET # A5.0