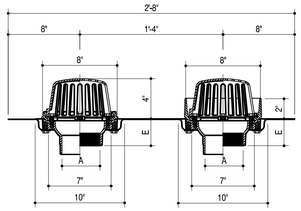


MAIN ROOF DRAIN W/ OVERFLOW DRAIN
(MODEL NO. Z165 BY ZURN OR APPROVED EQ.)
TYP. FOR ALL FLAT ROOFS
CONSULT DRAIN & ROOFING MANUFACTURE FOR INSTALLATION.

PLYWOOD ROOF DIAPHRAGM

1. ROOF DIAPHRAGM SHALL COMPLY WITH THE DESIGN RECOMMENDATIONS OF "A.P.A. DESIGN / CONSTRUCTION GUIDE - DIAPHRAGMS" AND F.B.C. 2017.
2. PLYWOOD ROOF DECKING SHALL BE 5/8" MINIMUM THICKNESS, AND SHALL BE CONTINUOUS OVER TWO OR MORE SPANS, WITH FACE GRAIN PERPENDICULAR TO THE SUPPORTS .
3. CONNECT PLYWOOD DIAPHRAGM TO STRUCTURE AS PER DIAPHRAGM ATTACHMENT SCHEDULE.
4. INSPECTIONS:
   SHALL COMPLY WITH THE LOCAL BUILDING CODE REQUIREMENTS FOR INSPECTIONS (BY THE MUNICIPALITY, ARCHITECT OR ENGINEER) OF SPECIFIED COMPONENTS OF THE ROOF STRUCTURE REQUIRING INSPECTIONS.

ROOF NOTES

1. TRUSS MANUFACTURER SHALL SUBMIT DRAWINGS FOR ARCHITECTS REVIEW PRIOR TO FABRICATION
2. TRUSS MANUFACTURER SHALL VERIFY ALL KNEE HEIGHTS
3. REFER TO TRUSS MANUFACTURER ENGINEERING DRAWINGS FOR ALL ROOF TRUSSES REQUIRED TEMPORARY AND PERMANENT BRACING, GABLE END BRACING, DETAILS, AND REQUIRED GRAVITY BRACING & LATERAL HORIZONTAL & VERTICAL BRACING A/C TRUSS FRAMING COMPONENTS BY TRUSS MANUFACTURE ENGINEERING DRAWINGS.
4. ALL UNDERLAYMENT APPLICATION FOR PREPARED ROOF COVERING SHALL BE APPLIED IN COMPLIANCE WITH THE MANUFACTURERS ROOFING ASSEMBLY PRODUCT CONTROL APPROVAL AND SHALL COMPLY WITH F.B.C. 1518.2.
5. VERIFY AND COORDINATE ROOF DRAIN LOCATIONS TO ENSURE CLEARANCE OF STRUCTURE BELOW.
6. ROOF SYSTEM IS DESIGNED TO PREVENT THE ACCUMULATION OF MORE THAN FIVE INCHES OF WATER ON ANY PORTION OF THE ROOF.
7. FASTENERS ARE DRIVEN THROUGH THE WOOD DECK AND INTO THE STRUCTURAL WOOD SUPPORTS IN A MAXIMUM 18"X24" GRID

VENT CALCULATIONS:

AIR SPACE DESIGN TO BE UNVENTED ATTIC

NOTES:
1. BAYSEAL OPEN CELL FOAM INSULATION. APPLIED THICKNESS TO ACHIEVE R30. APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF FRAMING MEMBERS/RAFTERS AND THE STRUCTURAL ROOF SHEATHING AT THE TOP OF THE ROOF FRAMING MEMBERS/RAFTERS.
2. INSULATION SHALL BE COMPLY WITH:
   A. THE UNVENTED ATTIC SPACE SHALL BE COMPLETELY CONTAINED WITHIN THE BUILDING THERMAL ENVELOPE.
   B. NO INTERIOR CLASS I VAPOR RETARDERS SHALL BE INSTALLED ON THE CEILING SIDE (ATTIC FLOOR) OF THE UNVENTED ATTIC ASSEMBLY.
   C. AIR-IMPERMEABLE INSULATION ONLY. INSULATION SHALL BE APPLIED IN DIRECT CONTACT WITH THE UNDERSIDE OF THE STRUCTURAL ROOF SHEATHING.

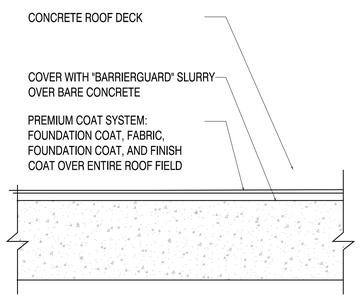
SLOPES & INSULATIONS

1. MINIMUM ROOF SLOPE TO BE ¼" PER FOOT FOR ROOF W/ CONVENTIONAL BUILT-UP ROOF SYSTEMS N.O.A: 18-0919.07 OVER WOOD DECKS W/ ½" MIN. CDX PLYWOOD SHEATHING ANCHORAGE SHALL BE IN ACCORDANCE WITH STRUCTURAL DWGS.
2. MANUF. TO PROVIDE SHOP DWGS. INCLUDING UP-LIFT CALCULATIONS FOR A/E REVIEW.
3. PROVIDE MIN. R-30 INSULATION.
2. PROVIDE TYP. SLOPE FROM BUILDING FOR BALCONIES AND EYEBROWNS.
3. PROVIDE HYDRO STOP ROOFING SYSTEM. FINISH IN WHITE COLOR. (SEE DETAIL 2 @ SHEET A-2.3 & NOA 18-0321.09 HYDROSTOP PREMIUM COAT FOR SPEC. OVER OVERHANG CONCRETE SLAB, EYEBROWN & BALCONIES.
4. PROVIDE SOUND INSULATION AROUND RAIN WATER LEADER
5. SLOPE OF HORIZONTAL STORM DRAINAGE PIPING TO BE 1% (⅛":12"), EXCEPT INDICATED.

Overflow Scupper and Roof Drain Calculations
GPM BASED ON 100 YEAR 5" HOURLY RAINFALL

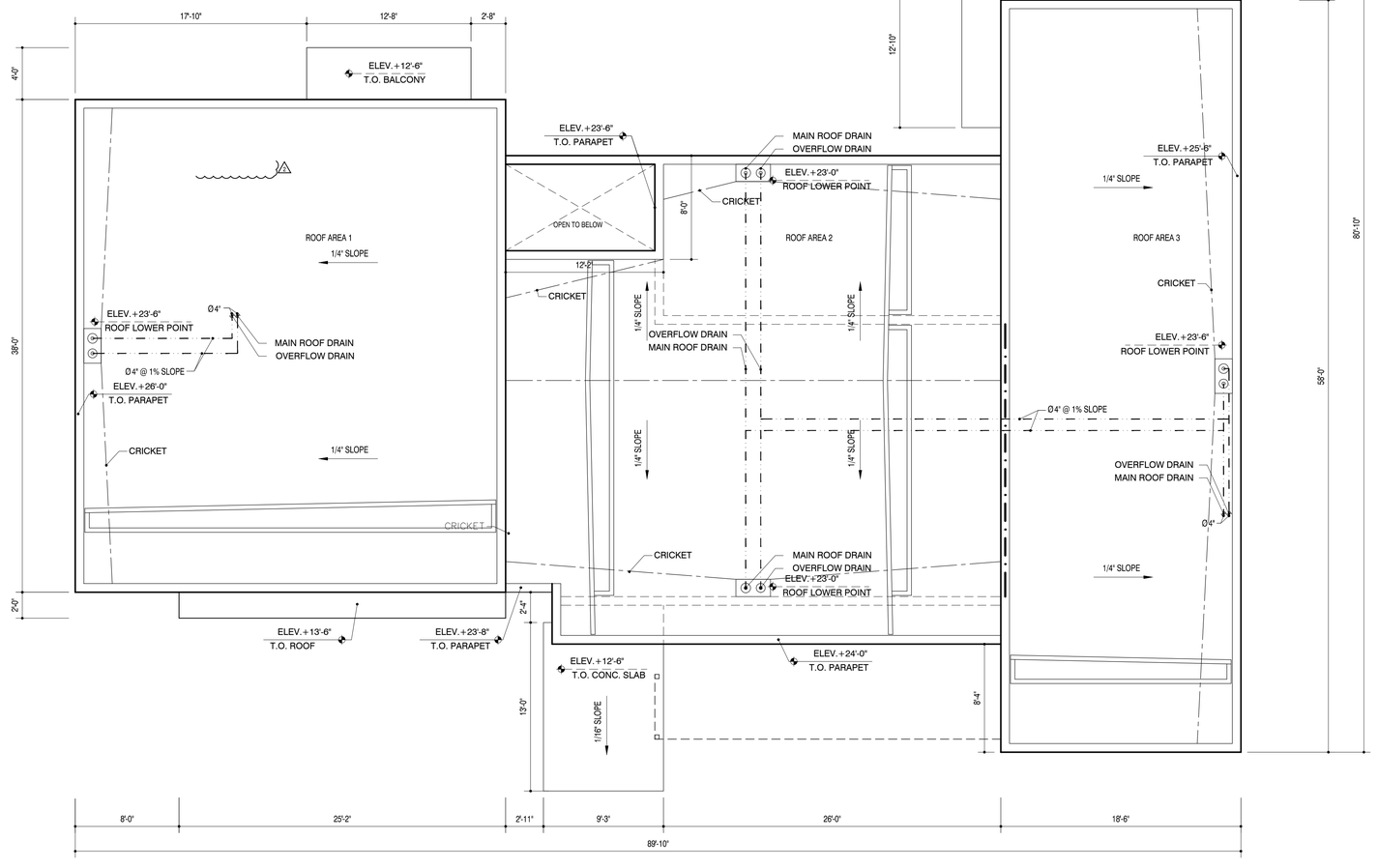
AREA #	HORIZ. PROJ.	VERTICAL	TOTAL AREA	GPM	RWL	PROVIDE
1	1,167.00 SF	68.50 SF	1,235.50	64.09	4"	4"
2	1,248.00	83.25 SF	1,331.25	69.06	4"	4"
3	973.00	147.00 SF	1,120.00	58.10	4"	4"
4	212.00	15.00 SF	227.00	11.78	4"	4"

1 PAVERS DETAIL
N.T.S.



NOTES:
1. ALL FLASHING SHALL BE DESIGNED FOR THE APPLICABLE CONDITIONS. METAL THICKNESS,FASTENERS AND LAPPING SHALL BE AS SPECIFIED BY THE ROOF DESIGNER.
2. REFER TO THE SPECIFICATIONS FOR SPECIFIC EXECUTION REQUIREMENTS.
3. PREMIUM COAT SYSTEM - FOUNDATION COAT, FABRIC, FOUNDATION COAT, AND FINISH COAT COMPONENTS.
4. PRIMING - REFER TO HYDROSTOP SPECIFICATIONS FOR DECK PRIMING REQUIREMENTS.

2 HIDROSTOP ROOFING SYSTEM (TYP)
N.T.S.



ROOF PLAN
SCALE: 3/16" = 1'-0"

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LANDSCAPE ARCHITECT:
-

SEAL:

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Reason: I have reviewed this document.
Date: 2023.01.27 12:32:49-05'00'

Humberto J Ramos
01/27/2023

ARCHITECT:
HUMBERTO RAMOS
AR 0017833

KEY PLAN:

NO:	REVISION:	DATE:
1	*Building Comments*	*01/04/2023*

COMM. NO.: *17-117*
DATE: *JANUARY, 2022*
DRAWN BY:
CONTENT: *ROOF PLAN*

SHEET NUMBER:
A-2.3