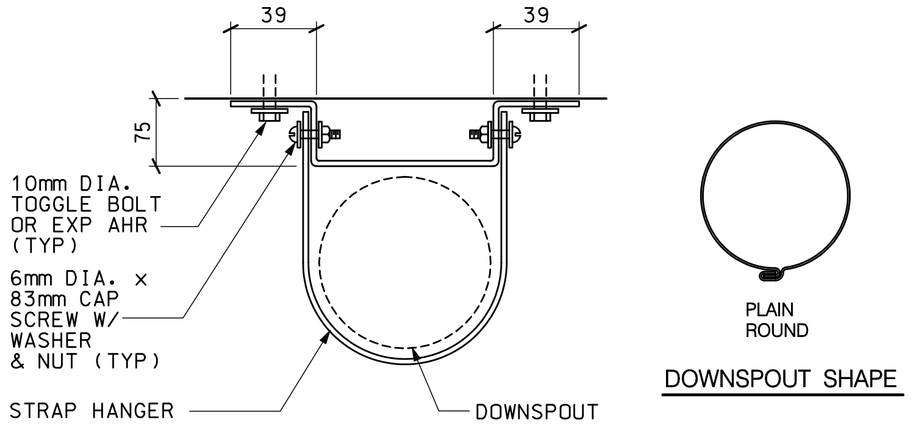
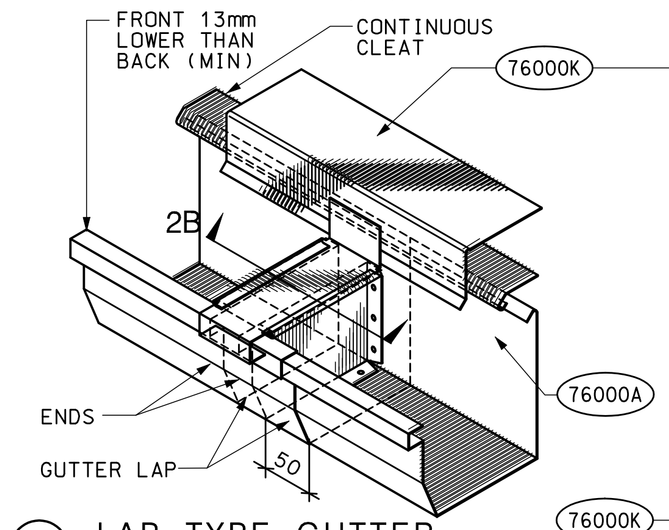


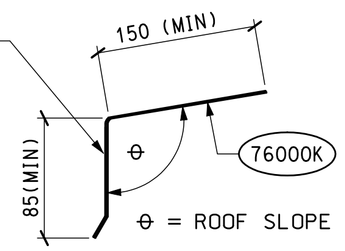
DOWNSPOUT SHAPE

DIMENSIONS OF STANDARD DOWNSPOUT			
TYPE	AREA (SQ.MM)	NOMINAL SIZE (MM)	ACTUAL SIZE (MM)
PLAIN ROUND	–	100	100

1 DOWNSPOUT DETAIL
N T S 선홈통 상세도



2A LAP TYPE GUTTER CONSTRUCTION JOINT

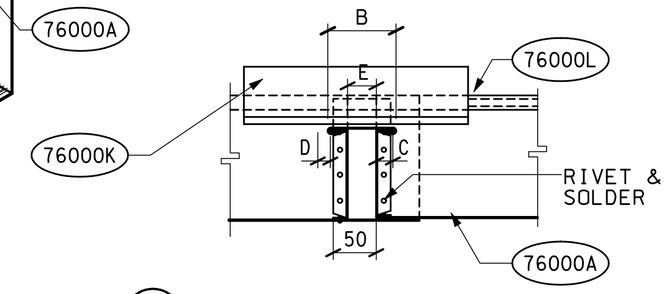


2D FLASHING

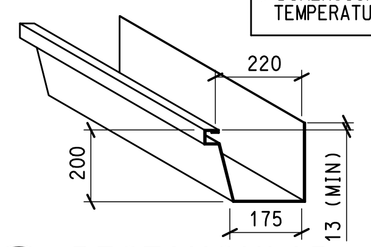
NOTES:
1. THE REAR SIDE OF THE GUTTER SHALL NOT BE LESS THAN 13mm HIGHER THAN THE OPPOSITE SIDE.
2. GUTTERS SHALL BE HUNG WITH HIGH POINTS EQUAL DISTANCE FROM DOWNSPOUTS AND SHALL HAVE A SLOPE NOT LESS THAN 3mm PER 300mm.
3. GUTTERS MAY BE CONSTRUCTED OF EITHER 1.0mm (20 GAUGE) THICK STEEL OR 1.3mm (.05 INCH) THK ALUMINUM.

EXPANSION JOINT DIMENSIONS			
TEMP F		DISTANCE BETWEEN EXPANSION JOINTS	
		9.15M	18.3M
B		44	64
C		11	16
D		11	16
✱	TEMP		
E	40C	11	16
E	25C	13	19
E	0C	14	22
E	-20C	16	25

✱ DIMENSION OF "E" AT INSTALLATION TEMPERATURE IN DEGREES CELSIUS.



2B SECTION THRU EXP. JOINT



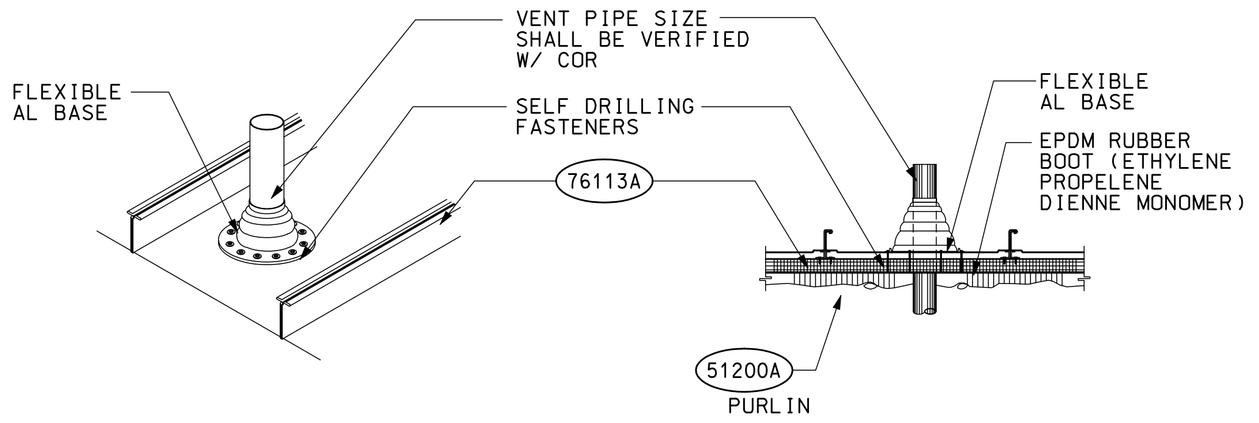
2C RECTANGULAR GUTTER DESIGN

재료 지정표
MATERIAL INDICATIONS:

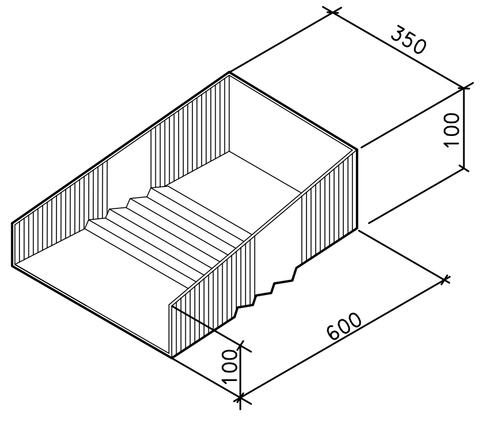
33000A	CAST-IN-PLACE CONCRETE
33000C	VAPOR BARRIER
42000B	CONCRETE BRICK
42000H	WIRE TIES
51200A	STRUCTURAL STEEL
53000B	STEEL ROOF DECK
55013V	DOWNSPOUT BOOTH
61000E	PLYWOOD ROOF SHEATING
61000K	WOOD BLOCKING
76000L	CLEAT
76113A	STRUCTURAL STANDING SEAM METAL ROOF (SSSMR) SYSTEM
76113C	FLASHING
76113H	BLANKET INSULATION
72116A	BLANKET INSULATION (FACED)
72200A	ROOF AND DECK INSULATION
75323A	ETHYLENE PROPYLENE DIENE MONOMER (EPDM) ROOF MEMBRANE
76000A	GUTTER
76000D	DOWNSPOUT
76000K	EAVE FLASHING
76000L	CLEAT
76000M	COUNTERFLASHING
79200B	EXTERIOR SEALANT
310000A	CAPILLARY WATER BARRIER

2 GUTTER DETAILS
N T S 홈통 상세도

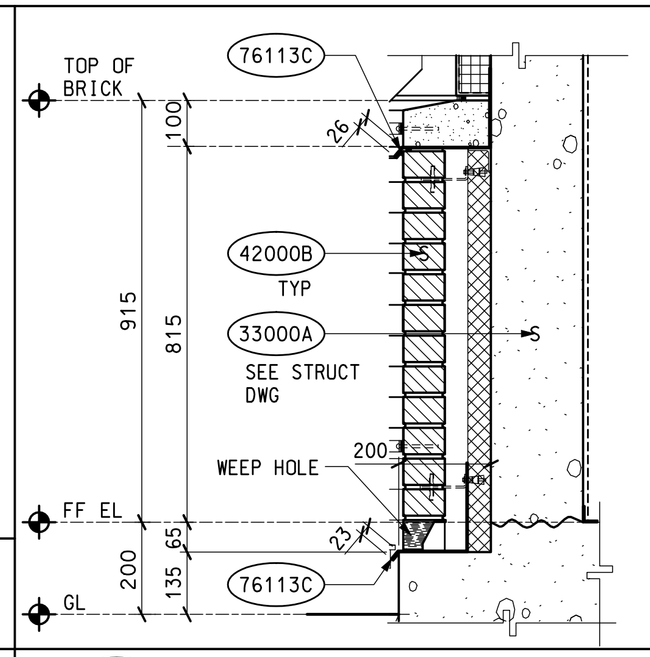
NOTES: 주기사항
1. INSULATION R- VALUES FOR EXTERIOR MASONRY WALLS, FLAT ROOF AND SSSMR, SEE SHT AE3015.
2. SSSMR DETAILS SHALL BE VERIFIED WITH ROOFING MANUFACTURER'S STANDARDS AND SPECIFICATIONS.



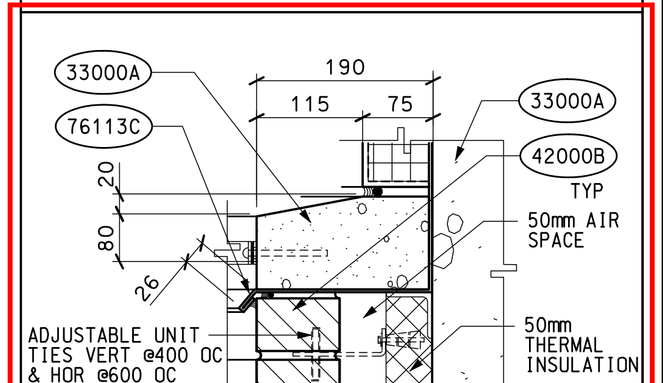
3 ROOF (VENT PIPE) DETAIL
NTS 지붕 배기구 상세도



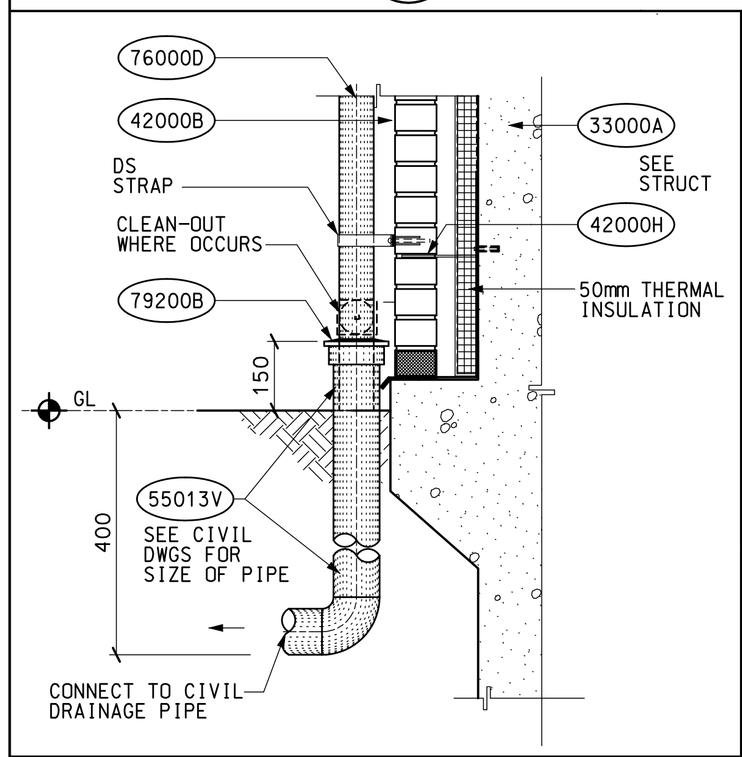
4 SPLASH PAN DETAIL
N T S 낙수대 상세도



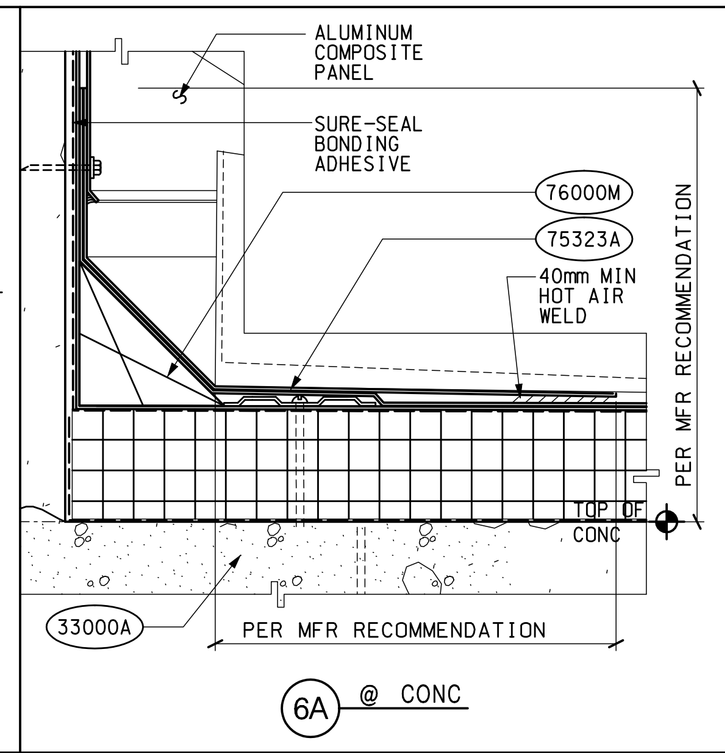
8 BRICK WALL DETAIL
SCALE=1 : 10 벽돌 벽체 상세도



10 TYP PRECAST CONC SILL DETAIL
SCALE=1 : 5 일반 프리케스트 콘크리트 창문턱 상세도

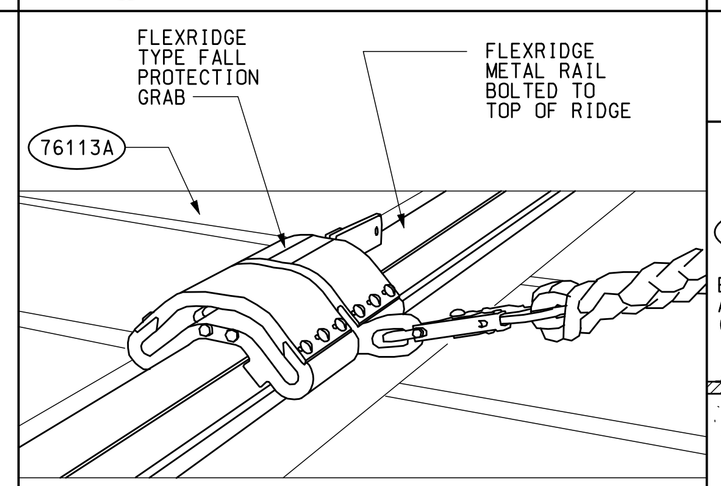


5 DOWNSPOUT BOOT DETAIL
SCALE=1 : 10 홈통 덮개 상세도



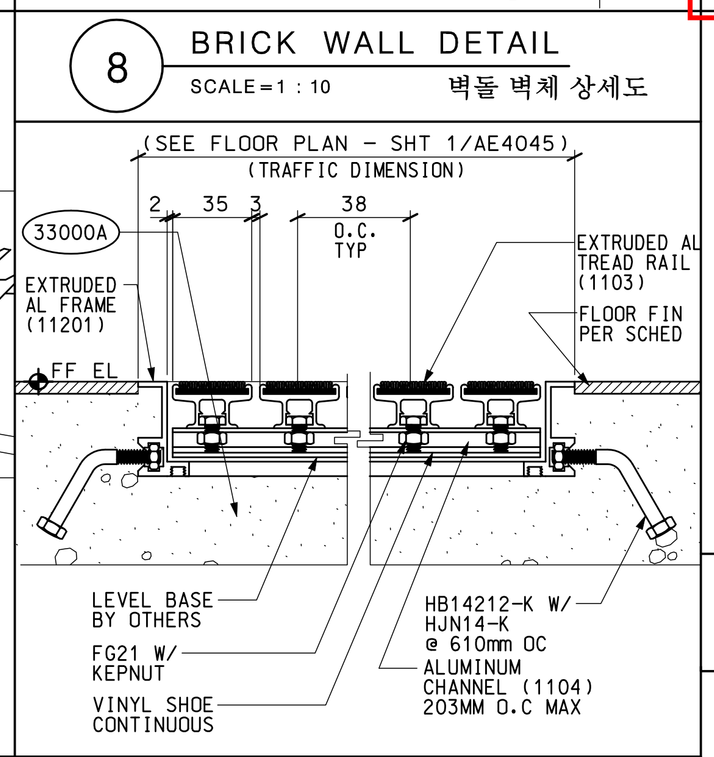
6A @ CONC

6 EPDM MEMBRANE DETAIL
N T S EPDM 막재 상세도

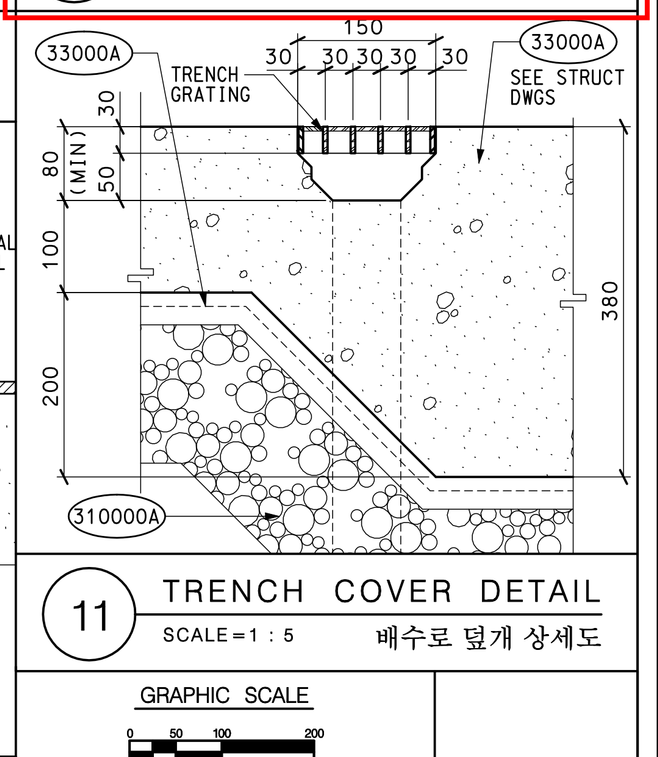


NOTES:
1. FLEXRIDGE TYPE FALL PROTECTION SYSTEM MANUFACTURED BY FLEXIBLE LIFELINE SYSTEMS OR APPROVED EQUAL.
2. MANUFACTURER TO IDENTIFY FALL PROTECTION ANCHORAGE BY SIGNAGE STATING THE CAPACITY OF ANCHORAGE (STRENGTH & NO OF PERSONS WHO MAY BE TIED-OFF TO IT AT ANY ONE TIME).

7 FLEXRIDGE TYPE FALL PROTECTION SYSTEM
N T S FLEXRIDGE 유형 낙사 방지 시스템



9 FLOOR MAT DETAIL
NTS 바닥 매트 상세도



11 TRENCH COVER DETAIL
SCALE=1 : 5 배수로 덮개 상세도

GRAPHIC SCALE
0 50 100 200
SCALE: 1:5
0 100 200 400
SCALE: 1 : 10

US ARMY CORPS OF ENGINEERS FAR EAST DISTRICT

MARK	DESCRIPTION	DATE	APPR

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SEOUL,KOREA

THOMAS J. DAVIS INC/ JUNG LASSOCIATED ARCHITECTS ENGINEERS

DESIGNED BY: MP
DWN BY: EOL/GJP
SUBMITTED BY: JGA
CKD BY: JGA
PLOT SCALE: 1
PLOT DATE: 8/28/2012
FILE NAME: A12R477AE5065-X.dgn
SIZE: ANSI D
DATE: 03 AUG 2012
SOLICITATION NO.:
CONTRACT NO.: W912DM-11-C-0018
FILE NUMBER:

CY12 ROKFC IN-KIND, SPT030, A12R477
SOLDIER TROOP AREA SUPPORT, USAG HUMPHREYS, KOREA
주둔부대 지원 시설, 캠프 험프리스

MISCELLANEOUS DETAILS - 1
기타 상세도 - 1

SHEET IDENTIFICATION NUMBER
AE5065
Sheet 643 of 1294

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