

- NOTES:**
1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH B.C. HYDRO SPECIFICATIONS #1323 ELECTRICAL DISTRIBUTION STANDARDS AND PROJECT DRAWINGS WHICH WILL TAKE PRECEDENCE.
 2. DEVELOPER TO DO ALL SURVEY AND LAYOUT WORK AND PROVIDE GRADE STAKES PRIOR TO CONSTRUCTION.
 3. B.C. HYDRO'S UNDERGROUND INSPECTOR MUST BE NOTIFIED FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION.
 4. B.C. HYDRO'S INSPECTION MAY DETERMINE THE NEED FOR ADDITIONAL CONCRETE ENCASEMENTS, RETAINING WALLS OR PROTECTION POSTS WHERE REQUIRED TO PROTECT HYDRO EQUIPMENT.
 5. CONCRETE ENCASEMENTS TO BE FORMED AS DIRECTED BY HYDRO'S INSPECTOR. A MINIMUM OF 70mm CONCRETE TO SURROUND DUCT.
 6. ALL DUCTS TO BE SWABBED AND STRUNG AND ALL DUCTS STUBBED OFF ARE TO BE TERMINATED WITH A 2" x 4" INSULATED VERTICALLY AGAINST THE CONCRETE DUCT.
 7. CONTACT CITY/MUNICIPAL WORKS INSPECTOR FORTY-EIGHT (48) HOURS PRIOR TO STARTING JOB.
 8. ALL EXCAVATION, BACKFILLING AND RESTORATION TO BE CARRIED OUT IN ACCORDANCE WITH CITY/MUNICIPAL AND M.O.T. & H. SPECIFICATIONS TO THE SATISFACTION OF THE APPROVING AUTHORITY.
 9. DUCTS, BENDS, TWINE AND GLUE FOR ALL CIVIL WORK TO BE SUPPLIED BY THE DEVELOPER.
 10. ALL TRANSFORMER PADS, SERVICE BOXES, PRIMARY JUNCTION BOXES AND GROUNDING EQUIPMENT SUPPLIED BY BC HYDRO.
 11. OFFSET INDICATES CENTERLINE OF JOINT TRENCH.
 12. OTHER UTILITIES SHOWN ON CIVIL DRAWING ARE FOR REFERENCE ONLY. FOR CURRENT INFORMATION ON OTHER UTILITIES, CONTACT BC 1 CALL AND/OR RESPECTIVE SERVICE PROVIDER.

UNDERGROUND UTILITY CHECKS

	WITHIN 2M OF PLANT LOCATION (Y/N)		HAND DIG (Y/N)
	PLAN	FIELD	
GAS	Y		Y
WATER	Y		Y
SAN SEWER	Y		Y
STORM SEWER	Y		Y
TELEPHONE	N		Y
CABLE	N		Y
ELECTRICAL	N		Y
OTHER			

FOR MECHANICAL EXCAVATION WITHIN 1 METER OF PLANT, UTILITIES MUST BE EXPOSED BY HAND DIGGING (TDI 012-5)

BC 1 CALL TICKET NO: 2010-202202

EXPIRY DATE:

DESIGN CONTACT: ROB ENNS

LEGEND

- TERMINAL POLE
- B.C. HYDRO DUCT
- ▨ B.C. HYDRO DUCT (CONC. ENC.)
- TRANSFORMER
- △ JUNCTION ABOVE GROUND
- ▭ JUNCTION BELOW GROUND
- SERVICE BOX
- GAS
- WATER
- STORM SEWER
- SANITARY SEWER
- MANHOLE
- HYDRANT
- ▭ CATCH BASIN

PLAN
SCALE 1:500

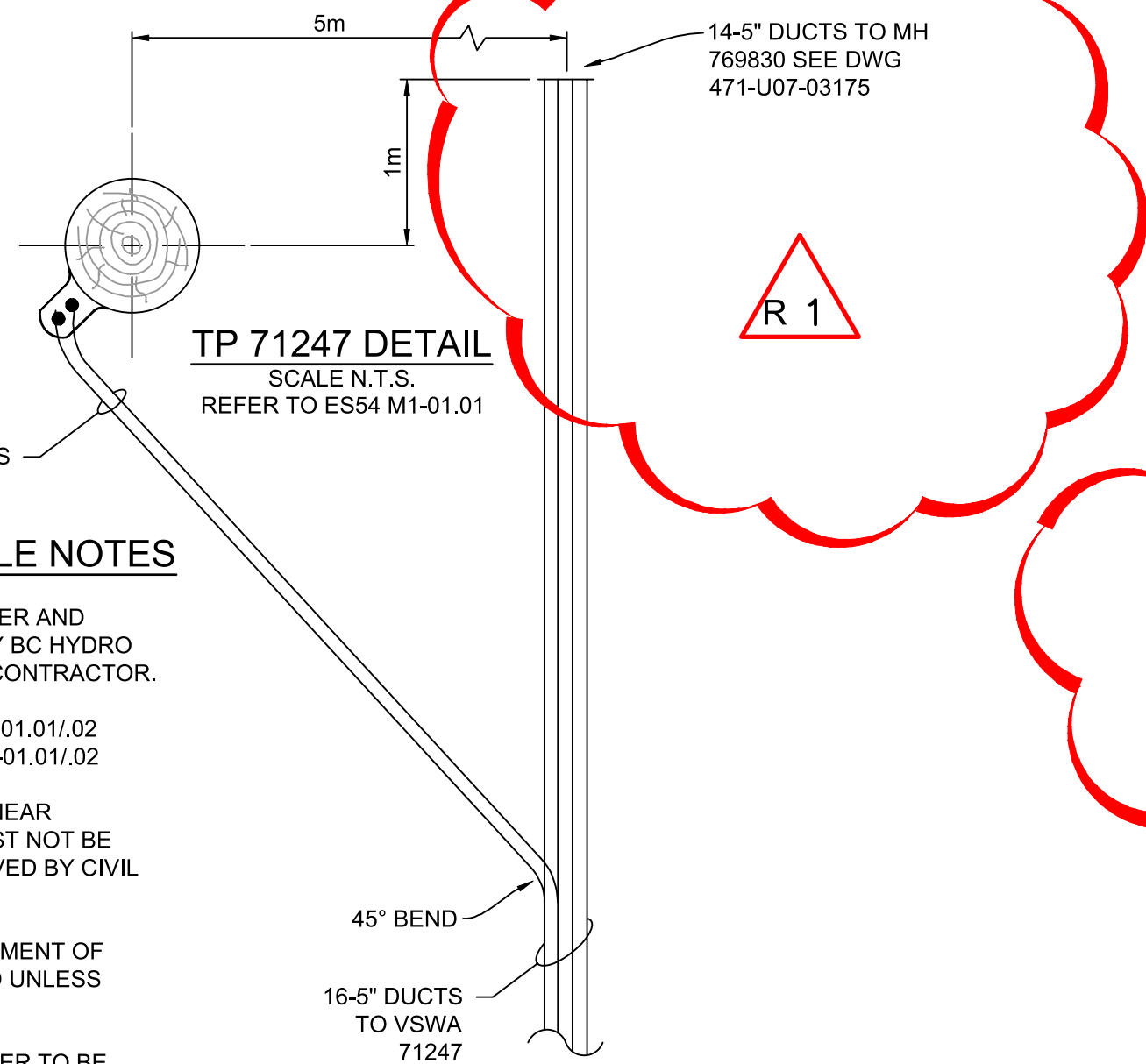
R1 DESIGN: 0003858310 R0 DESIGN: 0003566446
WO: 00 WO: 00

										NAME:	DATE:	APPROVALS			FRASER VALLEY EAST U/G STRUCTURES & DUCT LAYOUT TO SERVE ABBOTSFORD WEST 3100 MT. LEHMAN RD. ABBOTSFORD	SHEET 1 OF 4 DWG. No. 471-U07-D0729 REV: 2					
										DES.	R. ENNS	2010.08.05	APPROVED BY:				DATE:				
										DRFT.	R. MARQUEZ	2010.08.25									
										DR. CH.											
										SCALE:	AS SHOWN		EGIS (1:2000) MAP:								
471-U07-03850 REFERENCE DRAWINGS DATE A/C No. REMARKS BY CH. APP. DATE DATE A/C No.										2 ADDED REFERENCE DRAWING INFORMATION. DES# 4849053 JW ADS 2023.02.16 1 DESIGN: 0003858310 ADDED REF TO 471-U07-C3175 CM CH. 2016.05.04										AUTOCAD FILE: 471-U07-D0729.DWG EGIS PRI. MAP:	

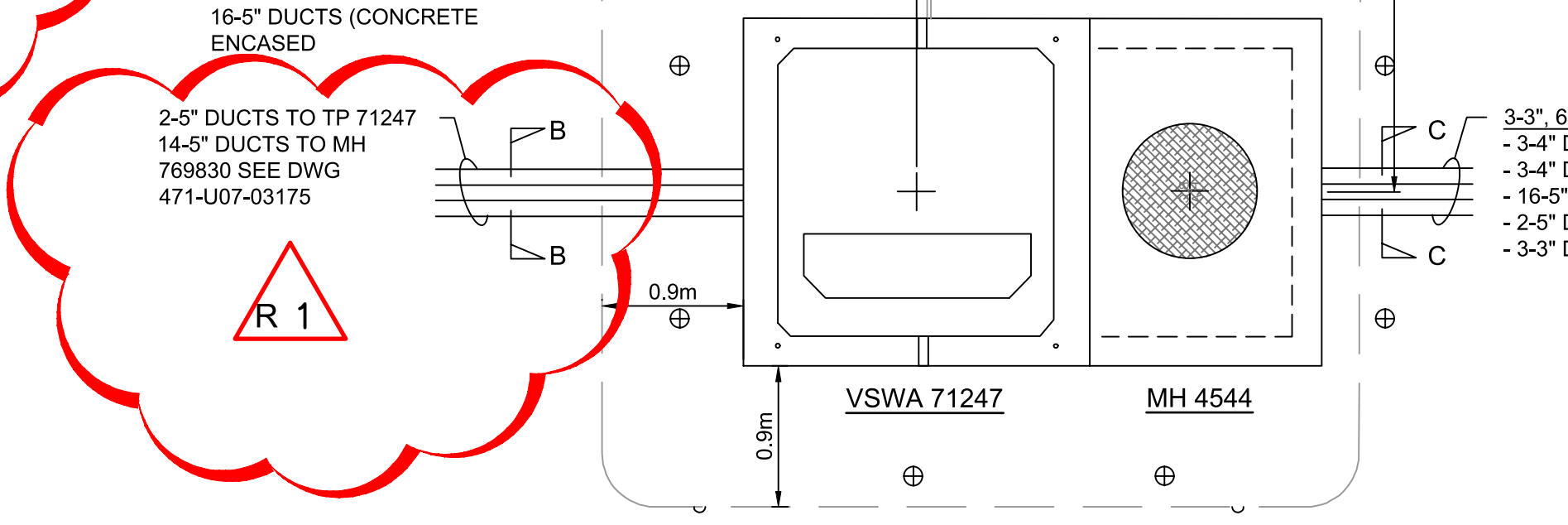
Issued for Information

TERMINAL POLE NOTES

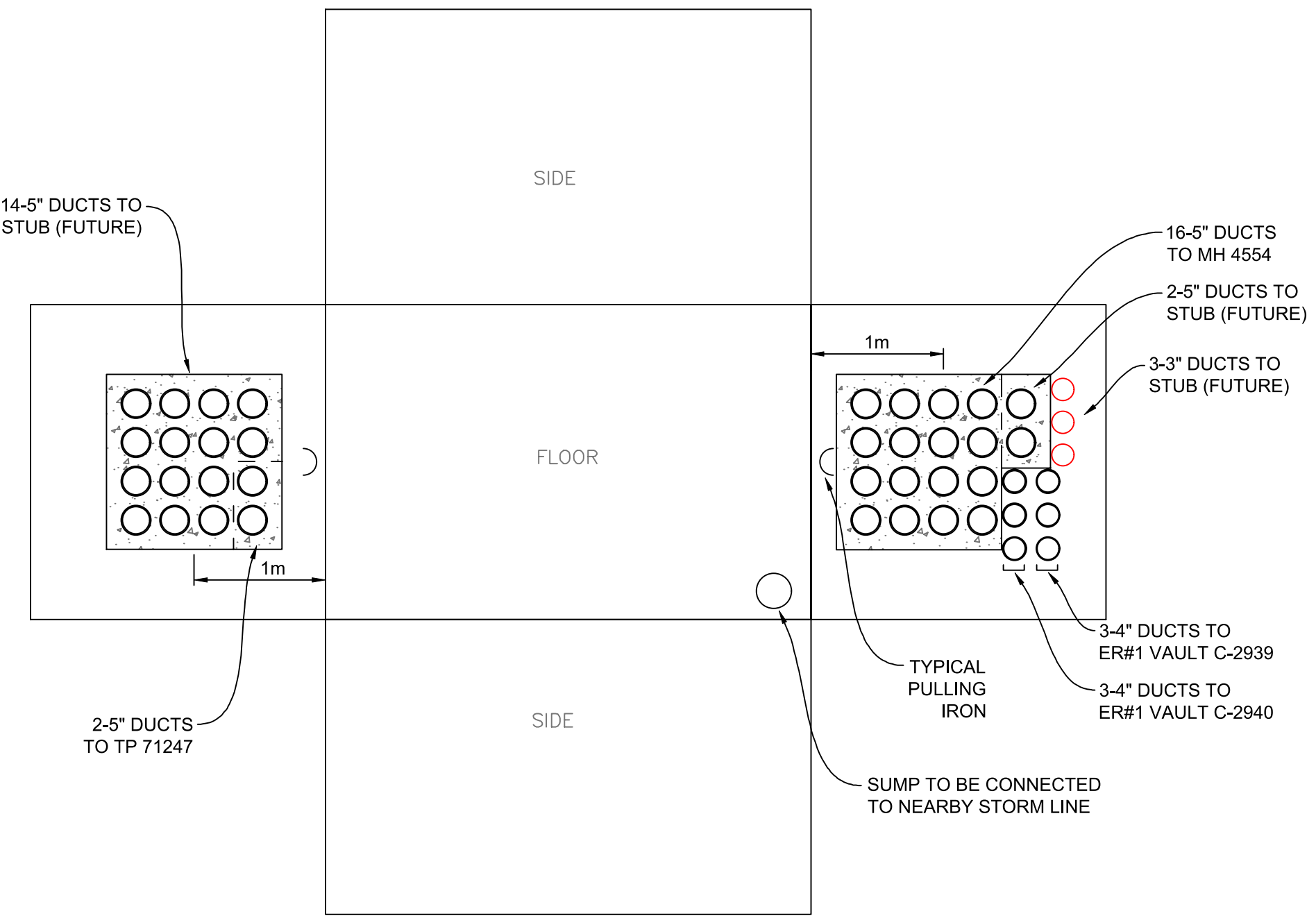
1. FIBERGLASS PILASTER AND GUARD SUPPLIED BY BC HYDRO AND INSTALLED BY CONTRACTOR.
2. REFER TO ES 54 M1-01.01/02 OR ES 54 M2-01.01/02
3. CIVIL WORK AT OR NEAR TERMINAL POLE MUST NOT BE DONE UNTIL APPROVED BY CIVIL U/G INSPECTOR.
4. CONCRETE ENCASMENT OF PILASTER REQUIRED UNLESS SPECIFIED.
5. FIBERGLASS PILASTER TO BE 300mm ABOVE FINAL GRADE OR 50mm ABOVE SIDEWALK.



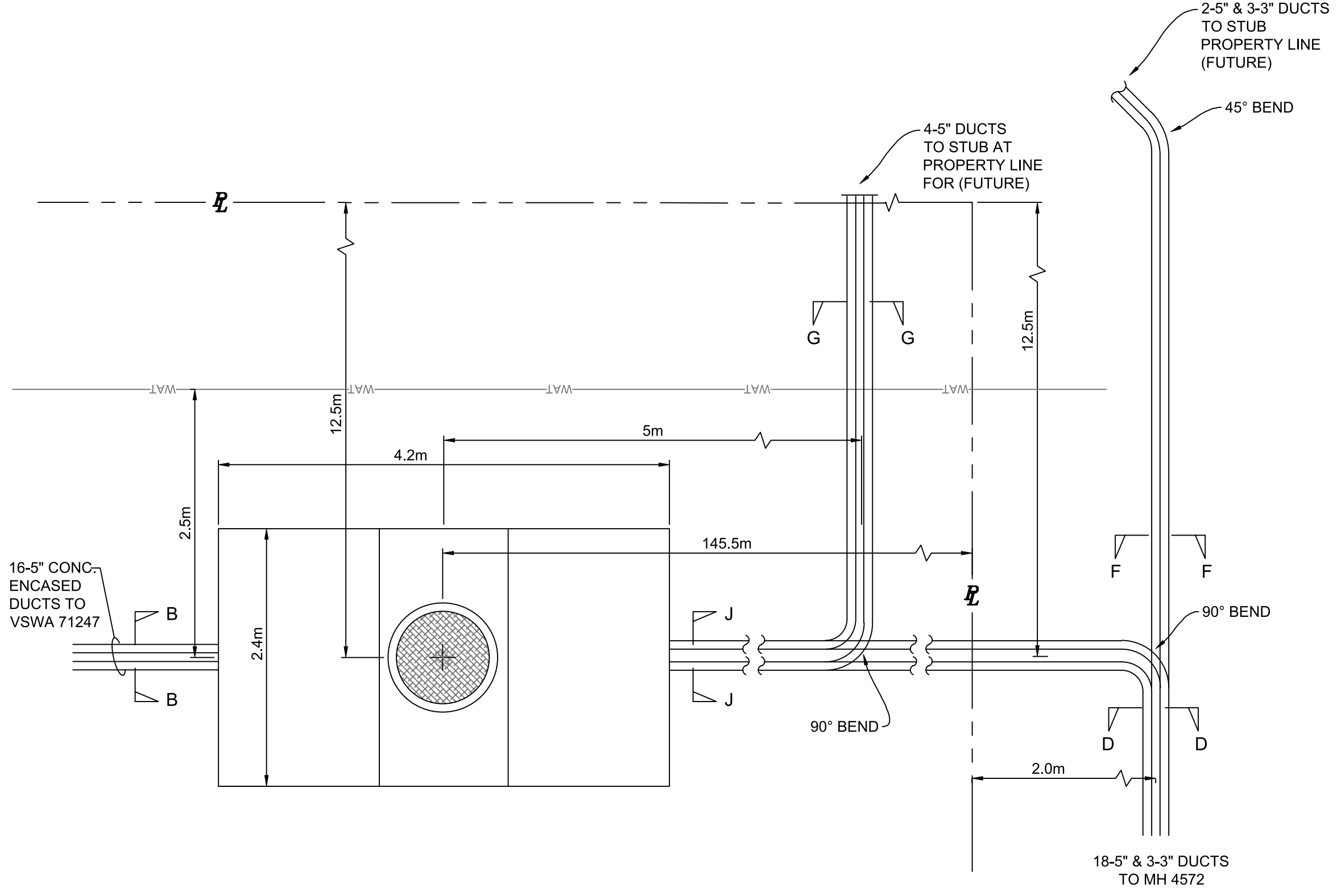
TP 71247 DETAIL
SCALE N.T.S.
REFER TO ES54 M1-01.01



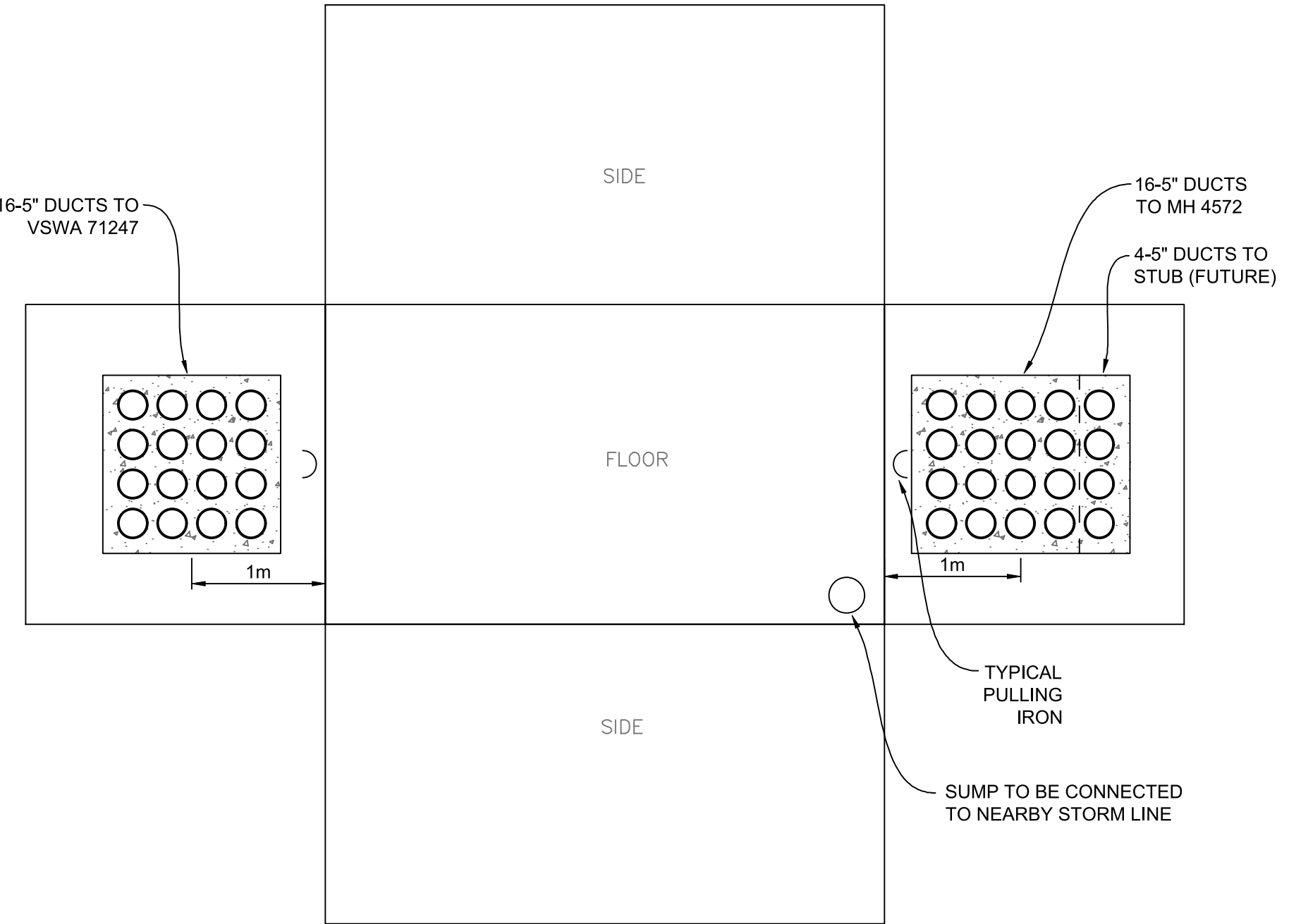
VSWA 71247 & MH 4544 DETAILS
SCALE N.T.S.
REFER TO ES54 E4-01.03 (5-WAY FRAME)



MH 4544 DETAILS
SCALE N.T.S.
REFER TO ES54 E4-01.01



MH 4554 DETAIL
SCALE N.T.S.
REFER TO ES54 C1-01.01/02

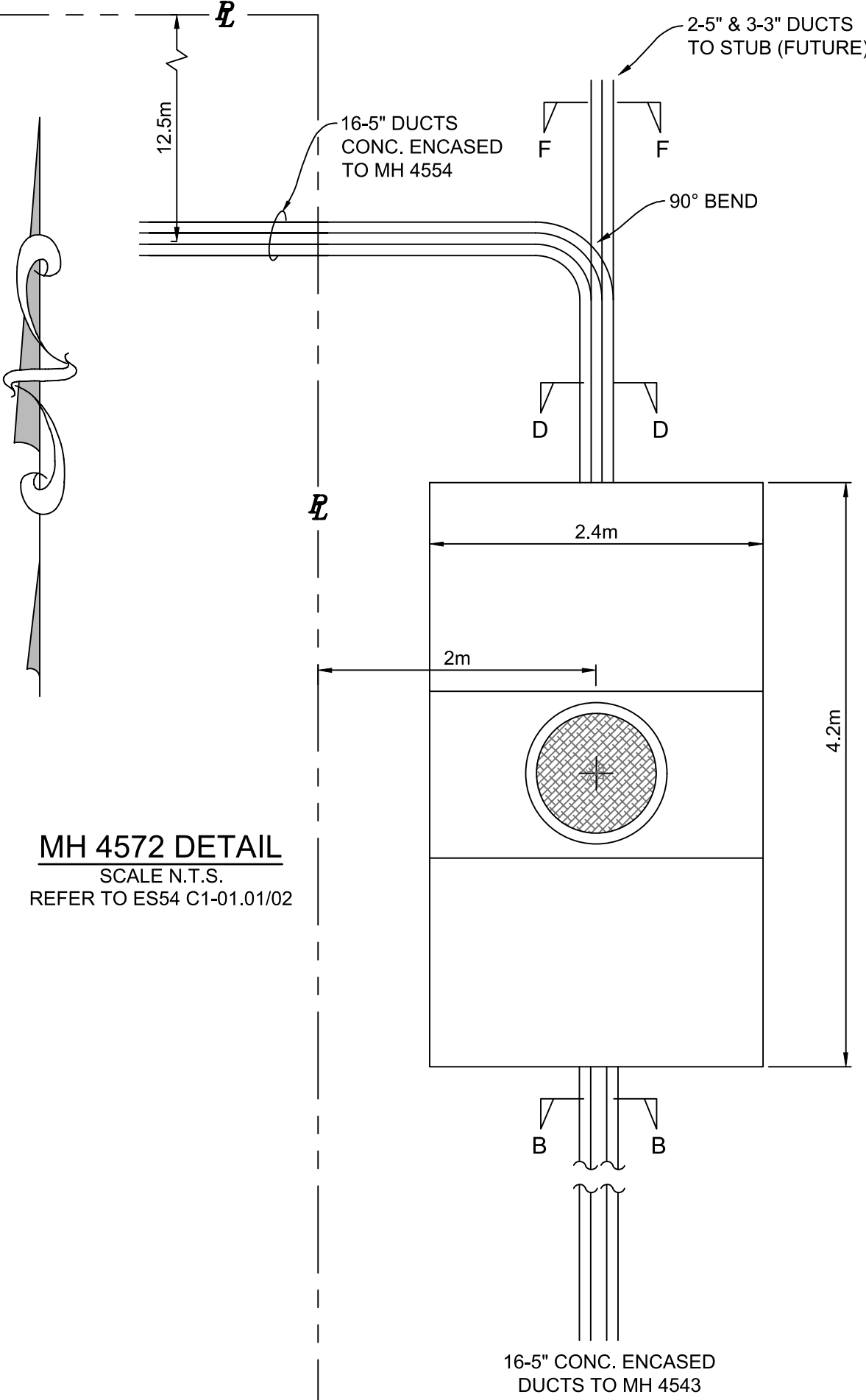


MH 4554 DETAILS
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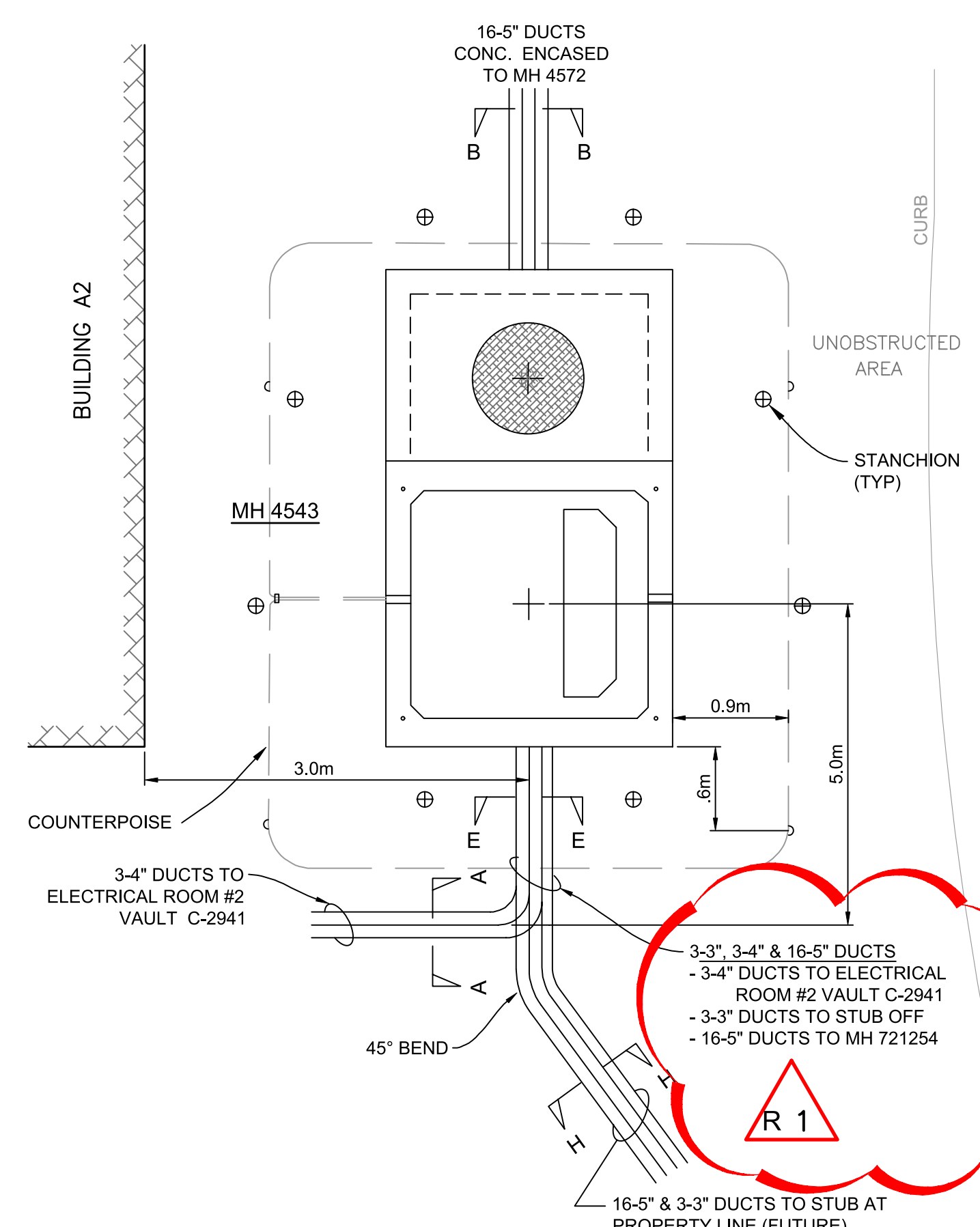
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										DES.	R. ENNS	2010.08.05	APPROVED BY:	DATE:									
										DRFT.	R. MARQUEZ	2010.08.25											
										DR. CH.													
471-U07-03850	REFERENCE DRAWINGS	DATE A/C	No.	REMARKS	BY	CH.	APP.	DATE	DATE A/C	No.	REVISIONS	BY	CH.	APP.	DATE	REVISIONS	SCALE:	AS SHOWN	EGIS (1:2000) MAP:	SHEET 2 OF 4	DWG. No.	471-U07-D0729	REV: 2
											2												
											1												

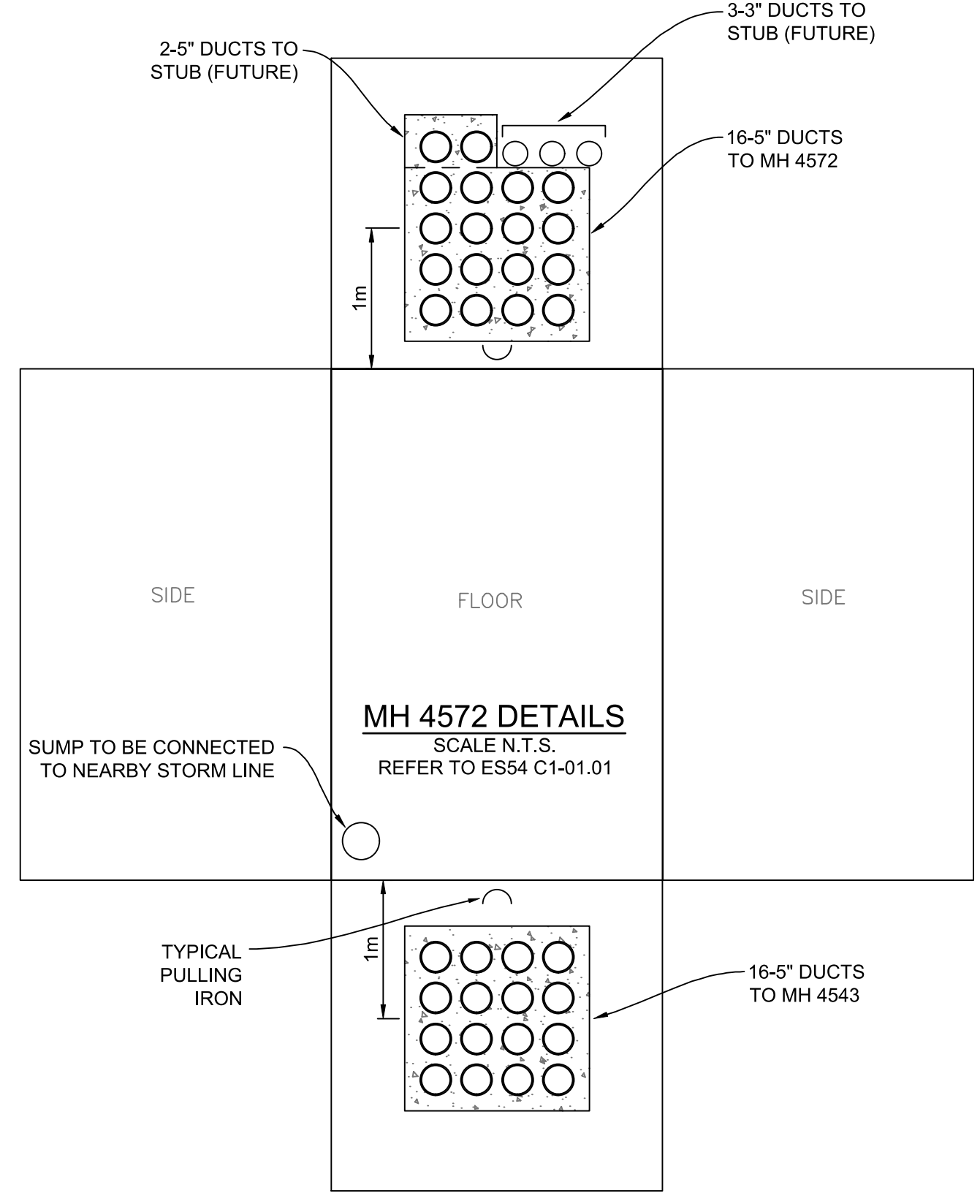
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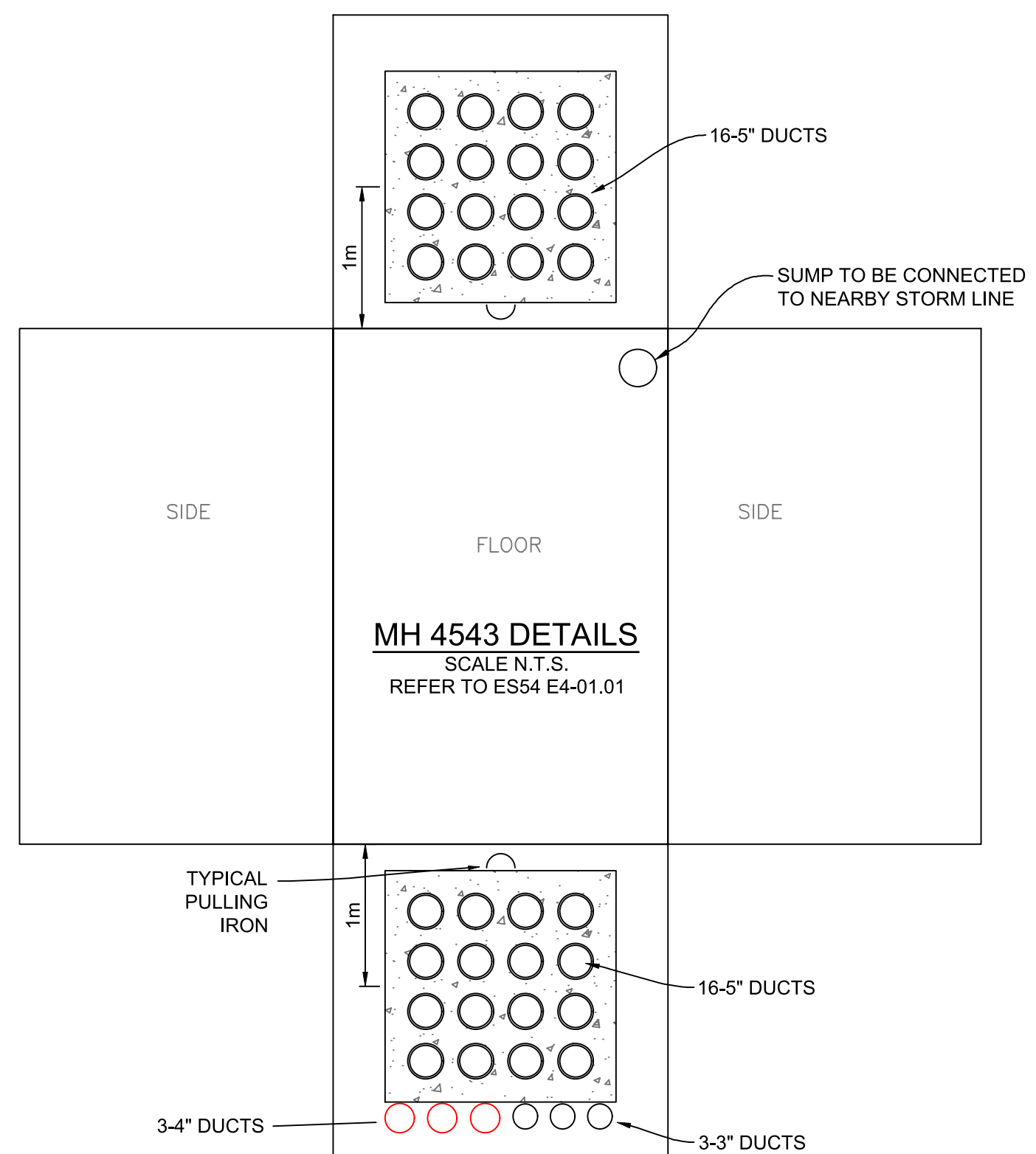
MH 4572 DETAIL
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REFER TO ES54 C1-01.01/02



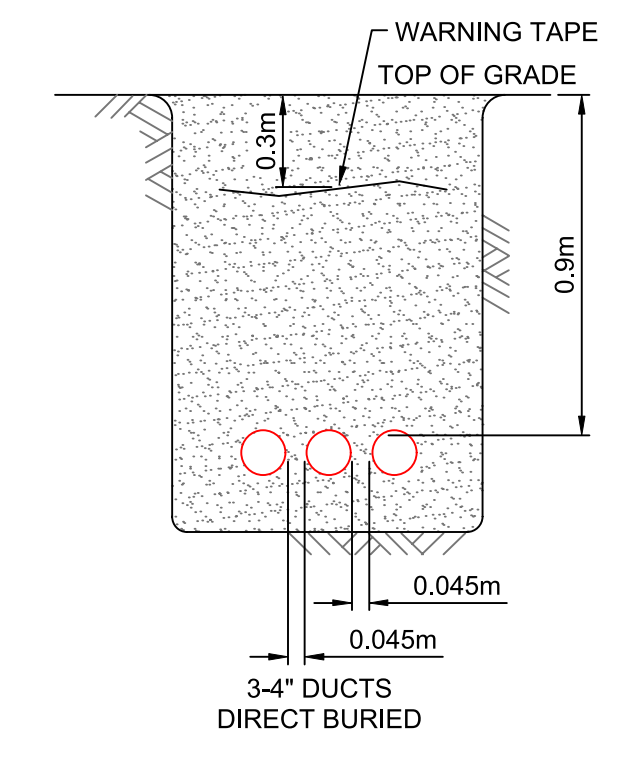
MH 4543 & (FUTURE VISTA SWITCH) DETAILS
SCALE N.T.S.
REFER TO ES54 E4-01.03



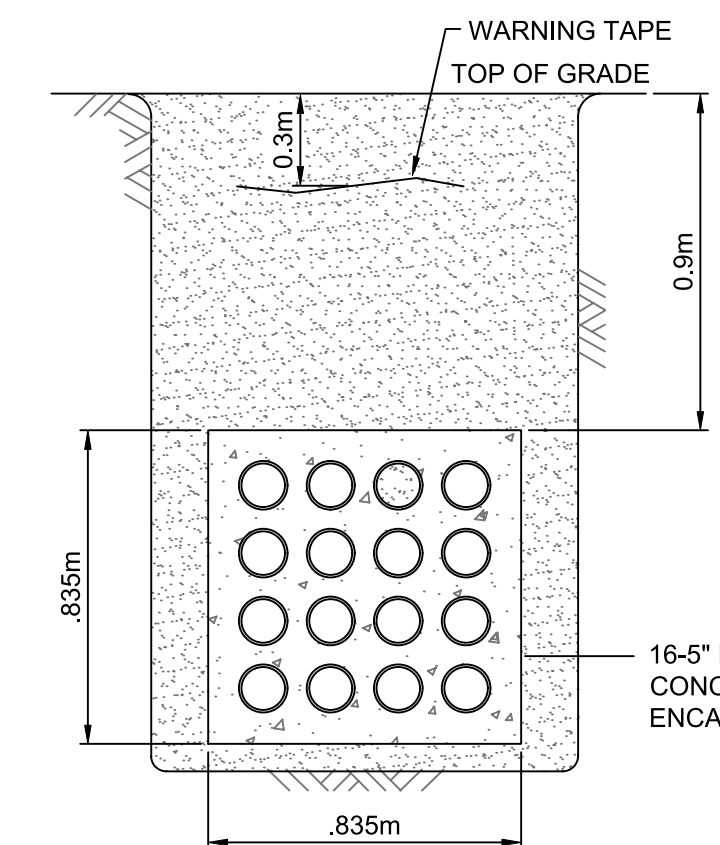
MH 4572 DETAILS
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REFER TO ES54 C1-01.01



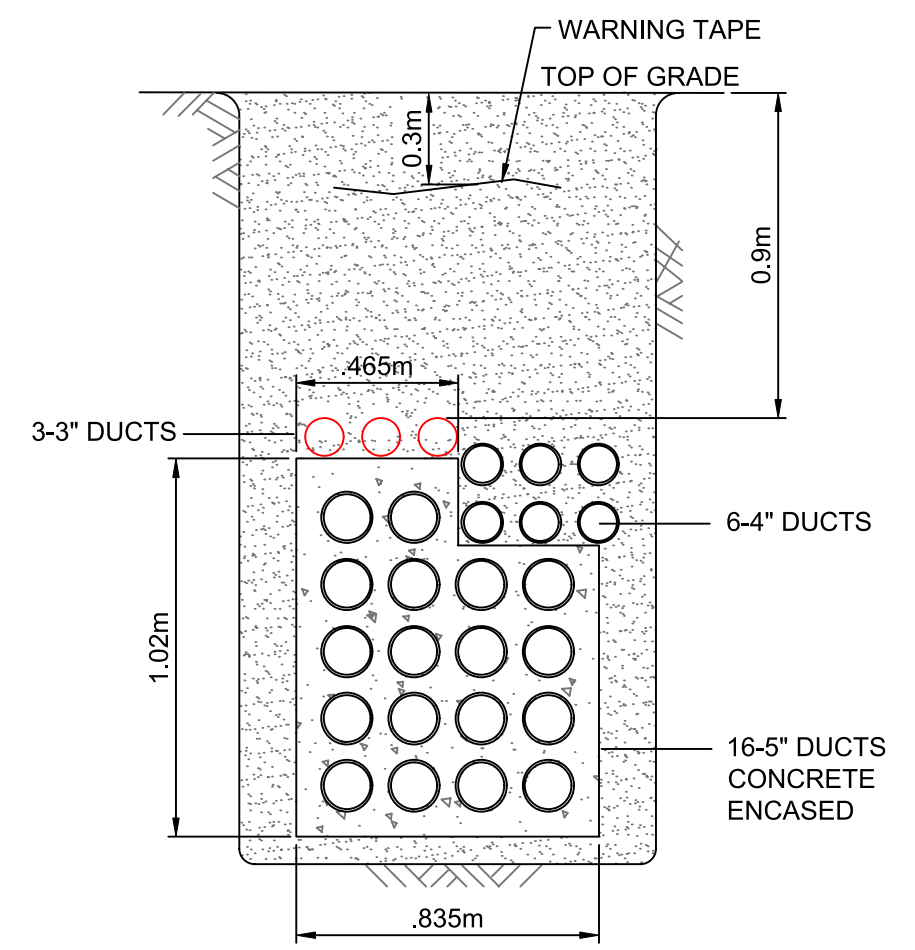
MH 4543 DETAILS
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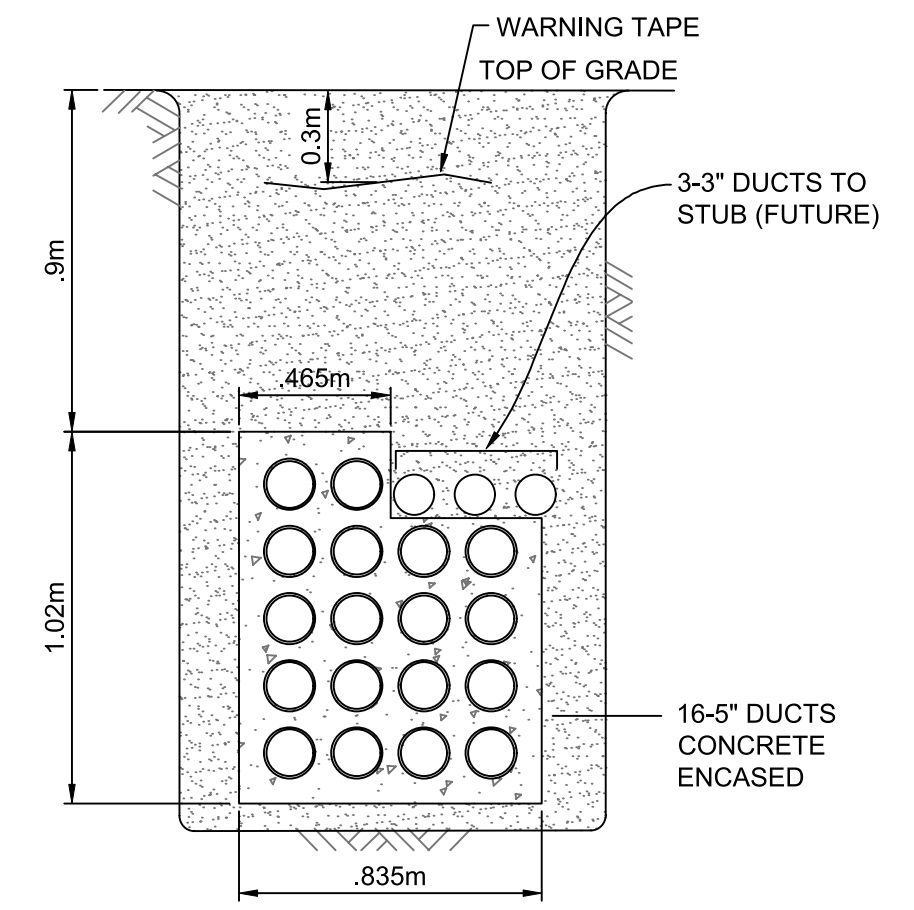
SECTION A-A
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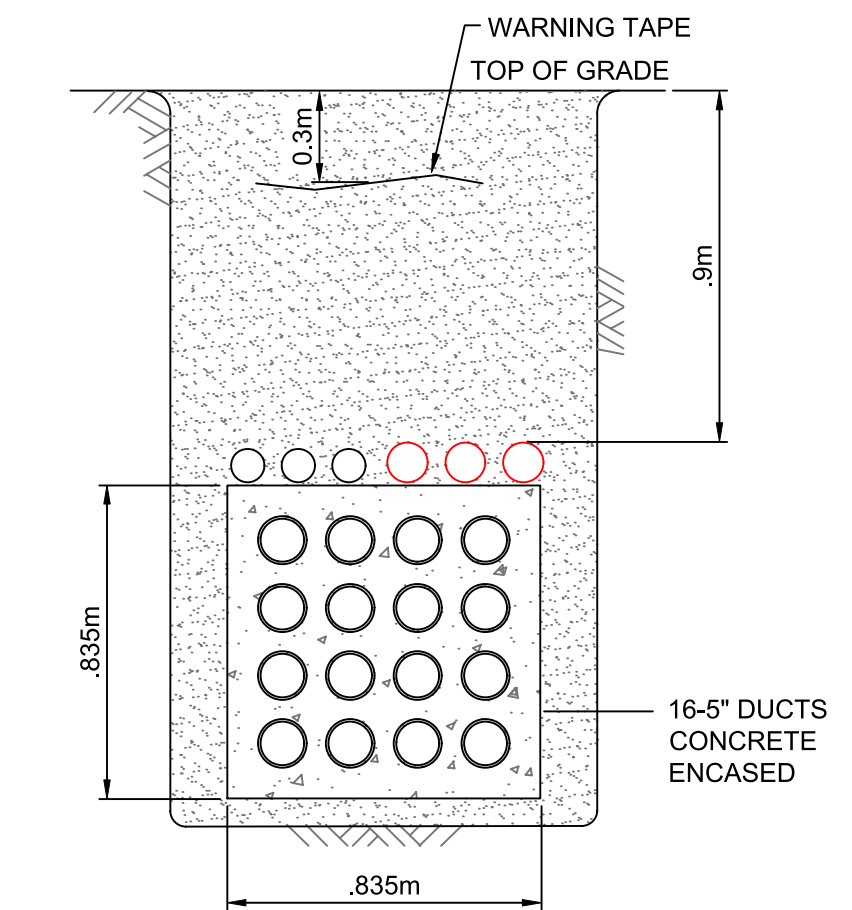
SECTION B-B
SCALE N.T.S.



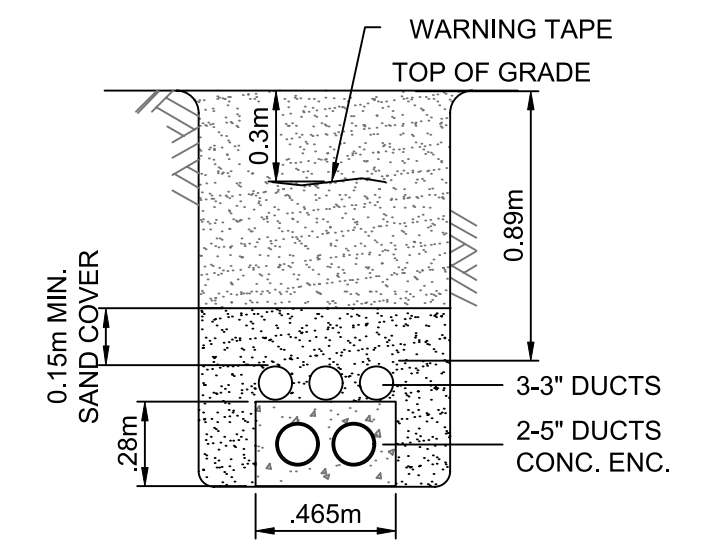
SECTION C-C
SCALE N.T.S.



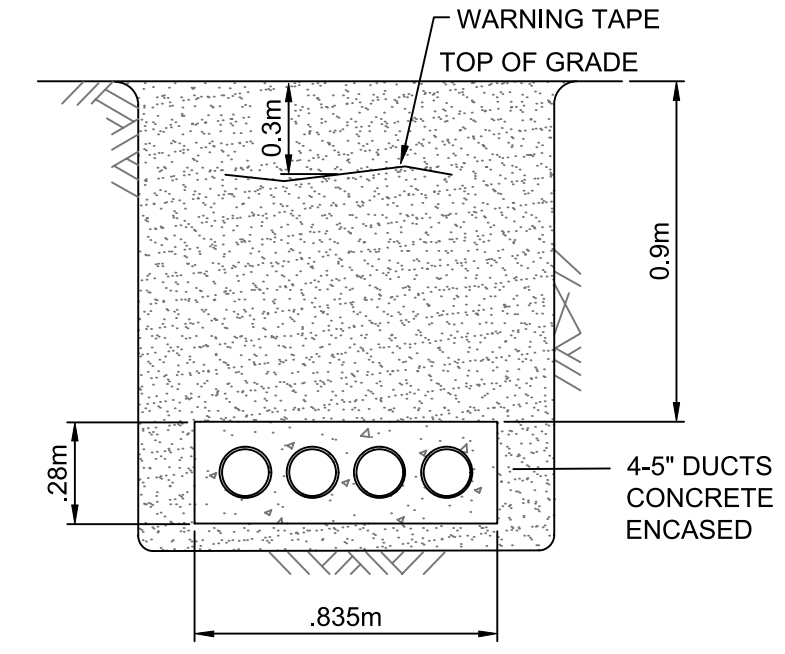
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SCALE N.T.S.



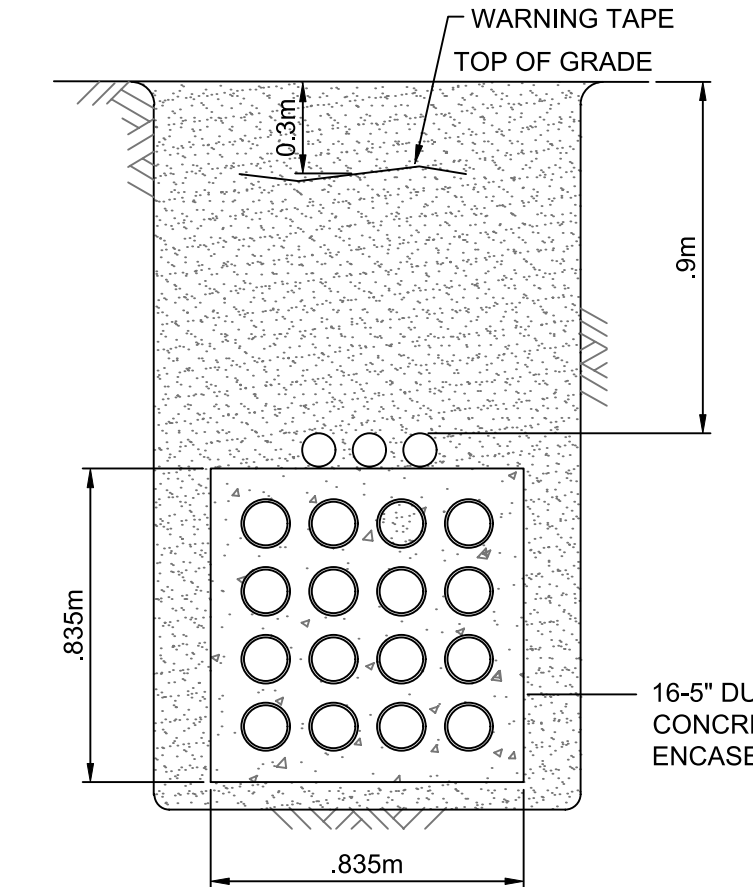
SECTION E-E
SCALE N.T.S.



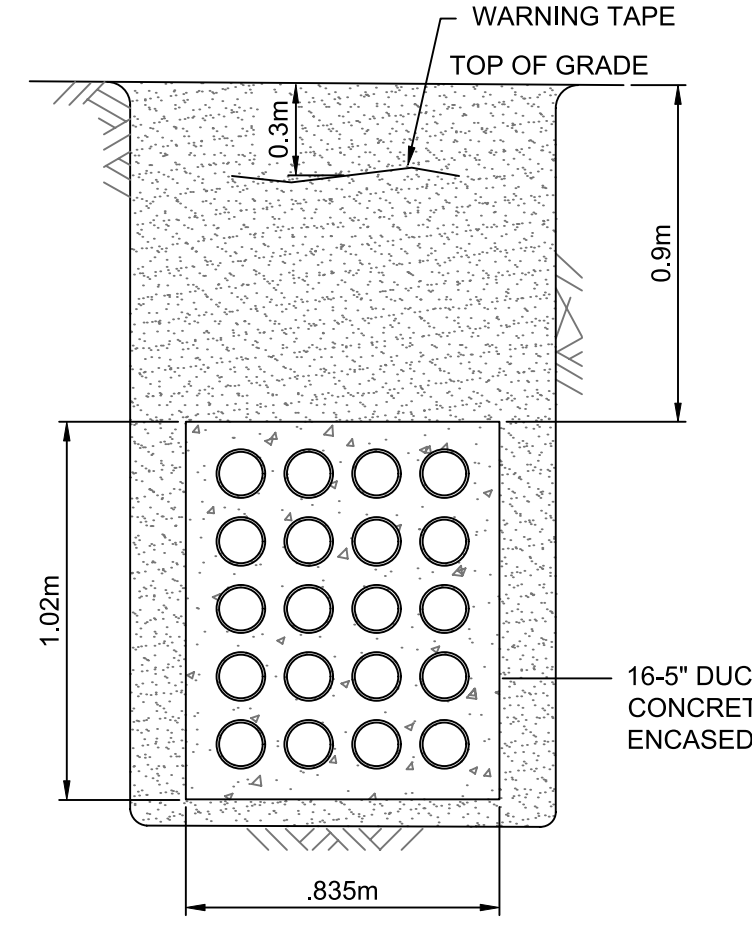
SECTION F-F
SCALE N.T.S.



SECTION G-G
SCALE N.T.S.



SECTION H-H
SCALE N.T.S.



SECTION J-J
SCALE N.T.S.

R1 DESIGN: 0003858310 R0 DESIGN: 0003566446
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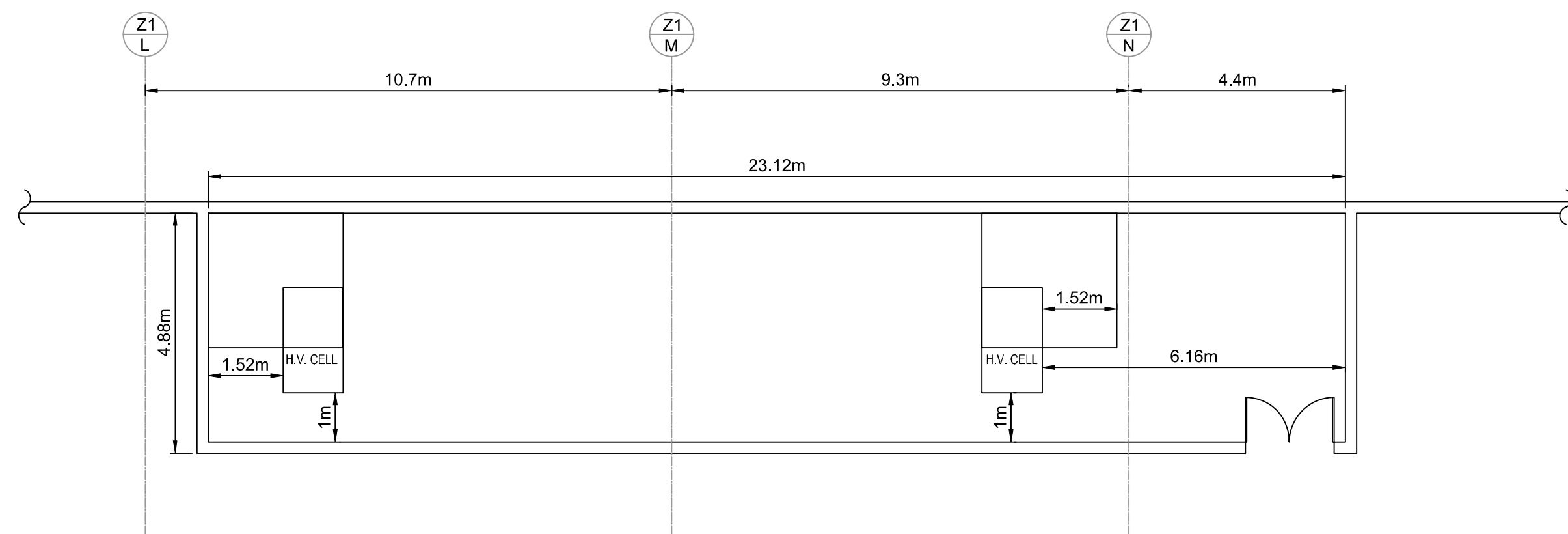
NO.	DATE	BY	CH.	APP.	DATE	REVISIONS
1	2023.02.16	JW	CM	ADS	2023.02.16	ADDED REFERENCE DRAWING INFORMATION, DES# 4849053
2	2015.05.04	CM	ADS		2015.05.04	DESIGN: 0003858310 ADDED REF TO 471-U07-03175

NAME:	DATE:	APPROVALS	
DES. R. ENNS	2010.08.05	APPROVED BY:	DATE:
DRFT. R. MARQUEZ	2010.08.25		
SCALE: AS SHOWN		EGIS (1:2000) MAP:	
AUTOCAD FILE: 471-U07-D0729.DWG		EGIS PRI. MAP:	

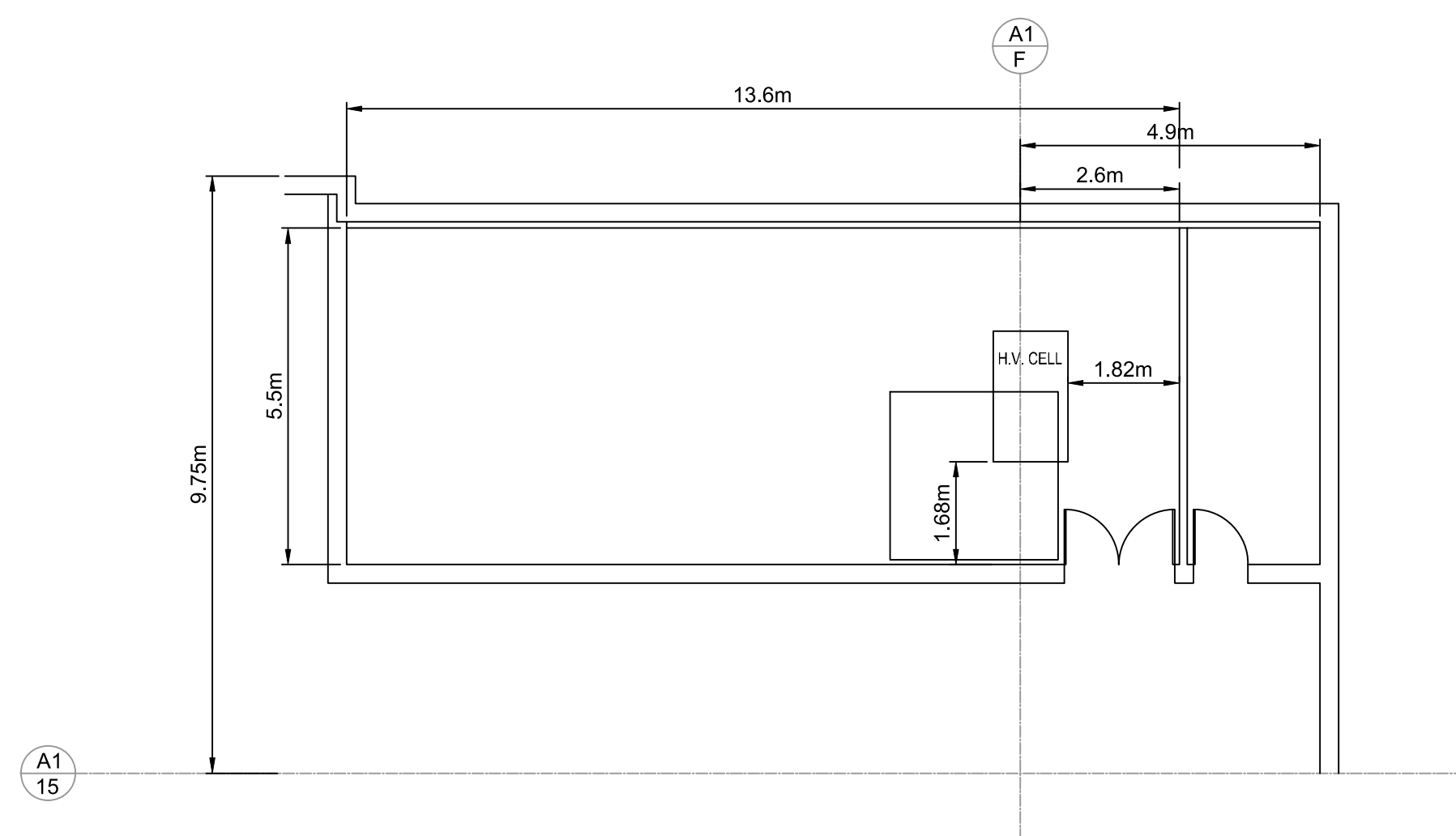


FRASER VALLEY EAST
U/G STRUCTURES & DUCT LAYOUT
TO SERVE ABBOTSFORD WEST
3100 MT. LEHMAN RD.
ABBOTSFORD

Issued for Information



ELECTRICAL ROOM #1 - UNIT SUB #1 & #2
SCALE 1:200



SUB ELECTRICAL ROOM #2 & MECH ROOM #3
SCALE 1:200

R0 DESIGN: 0003566446
WO: 00

										NAME:	DATE:	APPROVALS			
										DES.	R. ENNS	2010.08.05	APPROVED BY:	DATE:	
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										DR. CH.					
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										SHEET 4 OF 4		DWG. No. 471-U07-D0729			
												REV: 0			
REFERENCE DRAWINGS		DATE A/C	No.	REMARKS	BY	CH.	APP.	DATE	DATE A/C	No.	REMARKS	BY	CH.	APP.	DATE



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