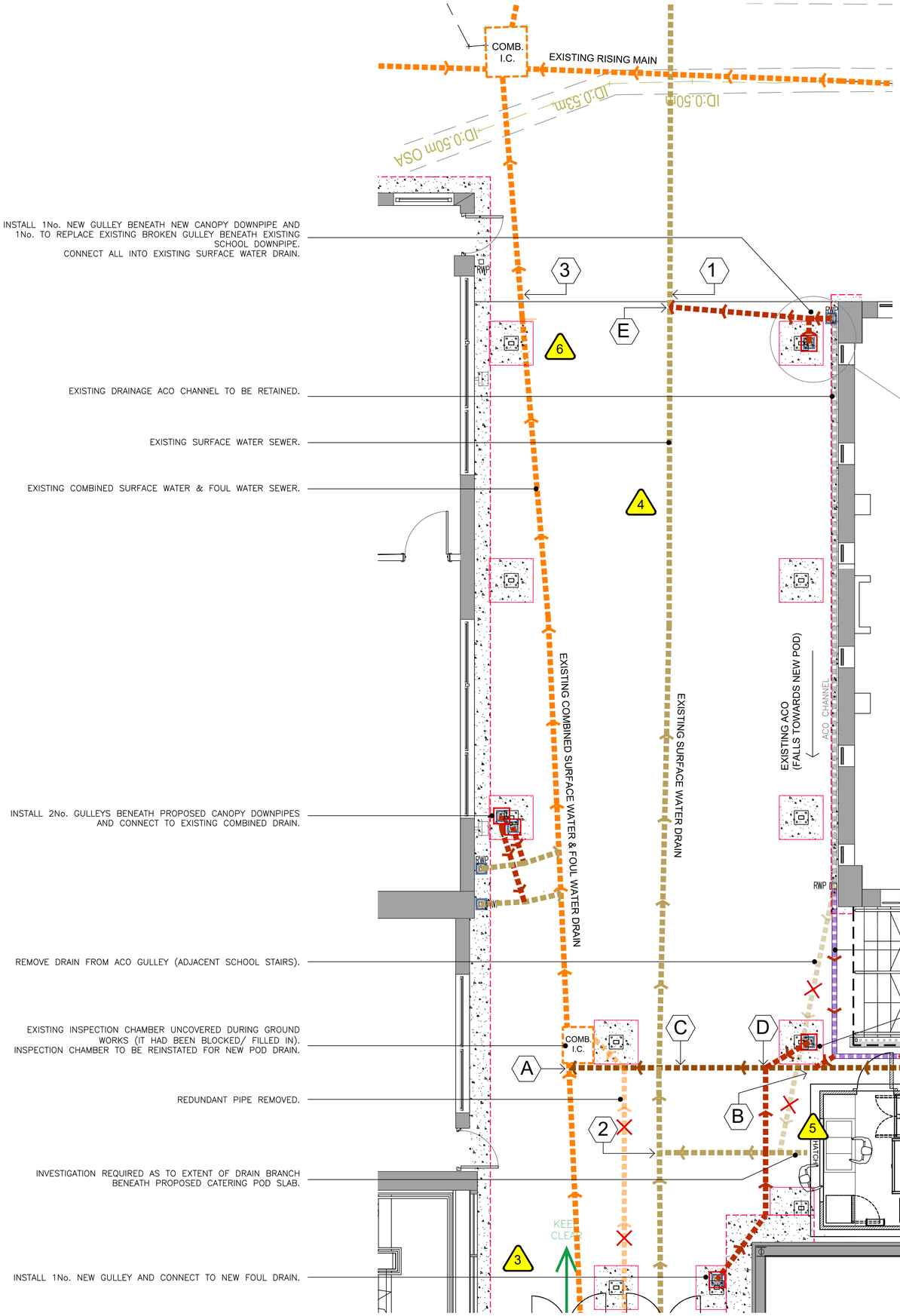

NORTH

DRAINAGE DEPTHS KEY

(DIMS TAKEN FROM FINISHED SURFACE)

EXISTING DRAIN DEPTHS

1. EXISTING SURFACE 1.46m.
2. EXISTING SURFACE 1.50m.
3. EXISTING FOUL 1.80m.

PROPOSED DRAIN & CONNECTION DEPTHS

- A. COMBINED. 1.50m. SADDLE CONNECTION ON TO EXISTING PIPE.
- B. COMBINED. CONNECT NEW ACO TO NEW FOUL PIPE.
- C. COMBINED. 1.05m. AVOID EXISTING DRAIN BELOW WHICH SITS AT 1.50m
- D. COMBINED. 1.00m. CONNECT 2No. GULLEYS TO NEW FOUL.
- E. SURFACE WATER. 1.46m. CONNECT TO EXISTING PIPE.

NOTE

DURING CONSTRUCTION GROUND WORKS THE EXISTING SEWER INDICATED AS 'FOUL' ON THE DRAINAGE SURVEY WAS RECOGNISED AS BEING A 'COMBINED' (FOUL & SURFACE WATER) DRAIN.

AN EXISTING RISING MAIN (SHOWN AT TOP OF DRAWING) AND EXISTING DOWNPIPES (LEFT OF DRAWING) WERE IDENTIFIED AS USING THIS MAIN DRAINAGE RUN.

Drawing Status

CONSTRUCTION

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Hazard Identification

ref	hazard	date
1	Existing Lightning Earth (to be retained)	29.07.20
2	Maintain Fire Escape At All Times	29.07.20
3	Maintain Fire Escape At All Times	29.07.20
4	Refer to Drainage Survey before digging	07.08.20
5	Investigate drain below new slab	21.08.20
6	Conc. abv ext drain. Eng to confirm dtl.	20.08.20

DRAWING TO BE READ IN CONJUNCTION WITH 'TECHNICS' DRAINAGE SURVEYS:

- 4925-0720-01 A
- 4925 – C4 Projects Ltd – Cardinal Langley, Middleton – CCTV Report

PROPOSED DRAINAGE LAYOUT DESIGNED TO MINIMISE ALTERATIONS TO EXISTING PAVING.

DRAINAGE DRAWING KEY

MUST BE PRINTED AND READ IN COLOUR TO BE UNDERSTOOD CORRECTLY

- EXISTING SURFACE WATER DRAINS.
- EXISTING COMBINED WATER DRAINS.
- PROPOSED SURFACE WATER DRAINS.
- PROPOSED FOUL DRAINS (WASTE FROM POD SINK).
- PROPOSED PPIC MANHOLE WITH SQUARE BLOCK PAVING COVER 450X450 (FILL WITH EXISTING PAVING SLABS). RECESSED MANHOLE COVER & FRAME FOR BLOCK PAVING – 5 TONNE" BY EJ OR SIMILAR APPROVED.
- PROPOSED DRAINAGE GULLEY WITH HEAVY DUTY LOCKING GULLEY GRATE.

Rev	Revision Details	Drawn	Date	Checked
P05	Exist COMBINED Sewer recognised.	AJH	07.09.20	JEP
P04	Exist I.C. drawn. New waste to join.	AJH	27.08.20	JEP
P03	Design simplified. ICs removed	AJH	21.08.20	JEP
P02	Updated to suit site conditions	AJH	20.08.20	JEP
P01	First Issue	AJH	07.08.20	JEP

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Client

Cardinal Langley High School

Project

New External Servery Area

Drawing Title

Site Plan Drainage Layout As Proposed

Status Purpose of Issue

S2 SUITABLE FOR INFORMATION

Drawn by	AJH	Created	10.07.20
C4 Job no.	20038	Scale	1:50 @ A1
Drg no.	20038-C4P-AV-ZZ-DR-A-6002	Rev	P05