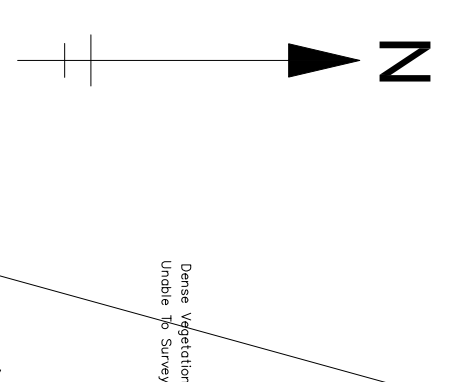
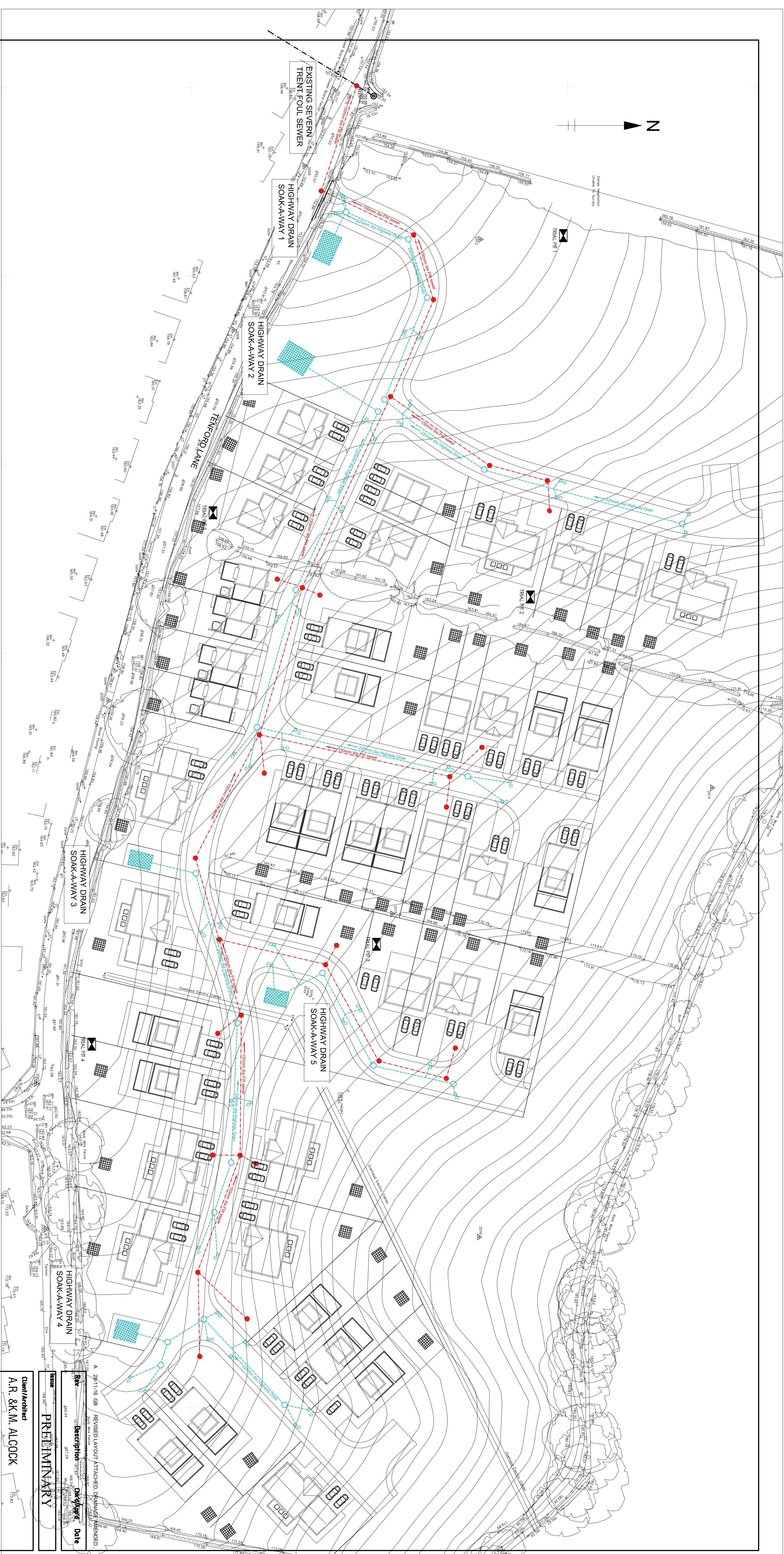




KEY

- EXISTING STY PU SEWER
- EXISTING F.W. MANHOLE WITH SEWER TRENT MANHOLE REF NO
- PROPOSED ADAPTABLE HIGHWAY DRAIN
- PROPOSED F.O.U. WATER ADAPTABLE SEWER
- PROPOSED F.O.U. WATER ADAPTABLE M.H. WITH REF NO
- PROPOSED ADAPTABLE HIGHWAY DRAIN M.H. WITH REF NO
- PROPOSED ADAPTABLE ROAD GULLY
- TYPICAL HOUSE SOAK-AWAY
- SOAK-AWAY'S CONSTRUCTED OF CELLULAR BLOCK SYSTEM BASED ON 100 YEAR + 30% FOR CLIMATE CHANGE
- ADAPTABLE HIGHWAY DRAIN SOAK-AWAYS, SEE SCHEDULE FOR SIZES
- SOAK-AWAY'S CONSTRUCTED OF CELLULAR BLOCK SYSTEM BASED ON 100 YEAR + 30% FOR CLIMATE CHANGE

POROSITY TEST RESULTS

- TRIAL PIT 1
SOIL INFILTRATION RATE = 3.709 X 10⁻⁵ m /sec
- TRIAL PIT 2
SOIL INFILTRATION RATE = 1.835 X 10⁻⁵ m /sec
- TRIAL PIT 3
SOIL INFILTRATION RATE = 1.140 X 10⁻⁵ m /sec
- TRIAL PIT 4
SOIL INFILTRATION RATE = 4.855 X 10⁻⁵ m /sec
- TRIAL PIT 5
SOIL INFILTRATION RATE = 3.913 X 10⁻⁵ m /sec

ALL SURFACE WATER DRAINS TO SOAK-AWAYS

ALL SOAK-AWAYS DESIGNED FOR THE 100 YEAR +30% CLIMATE CHANGE STORM EVENT.

SCHEDULE OF HIGHWAY DRAIN SOAK-AWAYS

- SOAK-AWAY 1
40m x 2m DEEP BELOW INCOMING INVERT LEVEL.
- SOAK-AWAY 2
48m x 2m DEEP BELOW INCOMING INVERT LEVEL.
- SOAK-AWAY 3
24m x 2m DEEP BELOW INCOMING INVERT LEVEL.
- SOAK-AWAY 4
30m x 2m DEEP BELOW INCOMING INVERT LEVEL.
- SOAK-AWAY 5
24m x 2m DEEP BELOW INCOMING INVERT LEVEL.

HIGHWAY DRAIN
PIPE SIZES INDICATED FOR THE HIGHWAY
DRAINS ARE INDICATIVE AT THIS STAGE.

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Title STRATEGIC DRAINAGE PLAN	
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