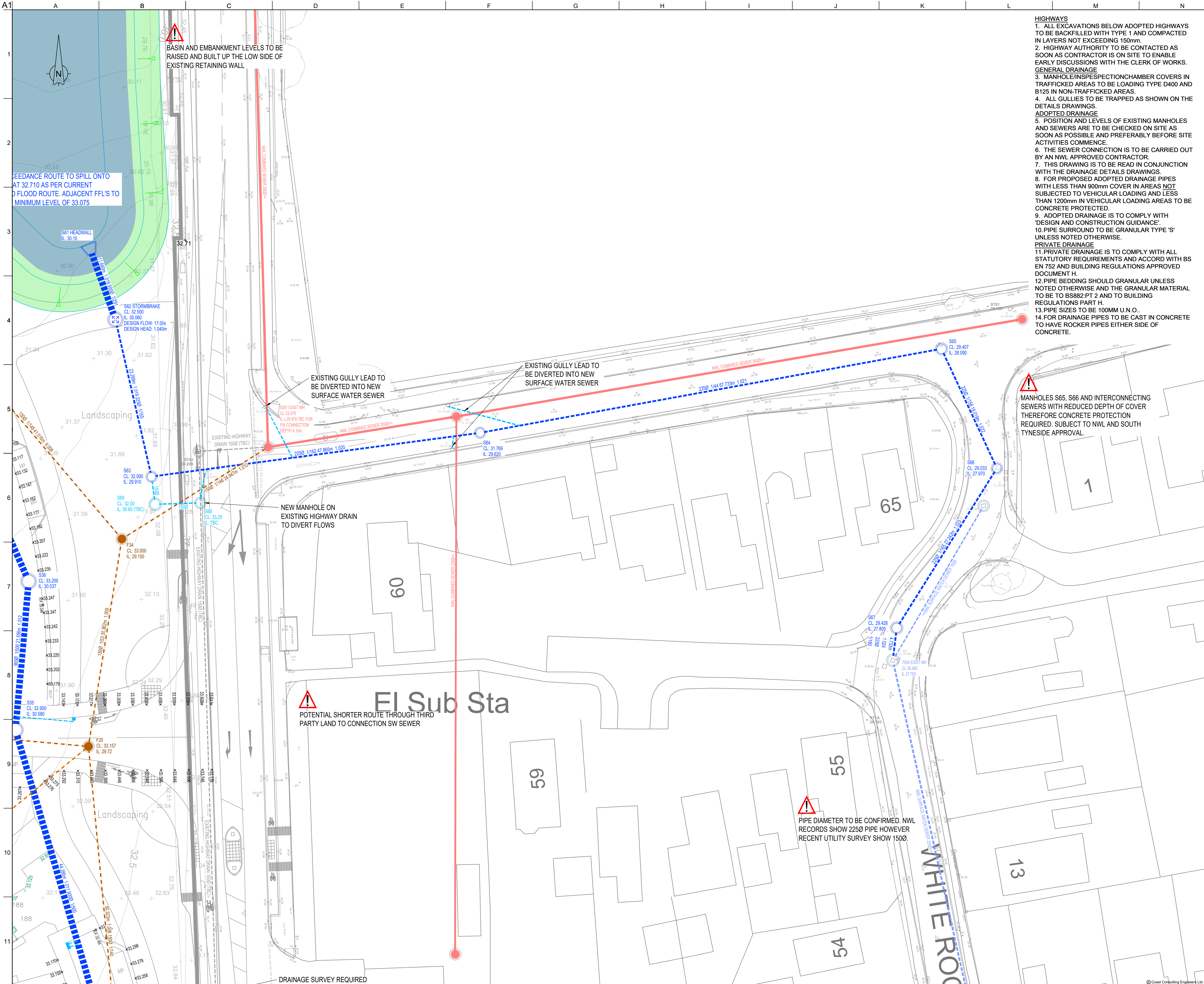




HIGHWAYS
1. ALL EXCAVATIONS BELOW ADOPTED HIGHWAYS TO BE BACKFILLED WITH TYPE 1 AND COMPACTED IN LAYERS NOT EXCEEDING 150mm.
2. HIGHWAY AUTHORITY TO BE CONTACTED AS SOON AS CONTRACTOR IS ON SITE TO ENABLE EARLY DISCUSSIONS WITH THE CLERK OF WORKS.
GENERAL DRAINAGE
3. MANHOLE/INSPECTIONCHAMBER COVERS IN TRAFFICKED AREAS TO BE LOADING TYPE D400 AND B125 IN NON-TRAFFICKED AREAS.
4. ALL GULLIES TO BE TRAPPED AS SHOWN ON THE DETAILS DRAWINGS.
ADOPTED DRAINAGE
5. POSITION AND LEVELS OF EXISTING MANHOLES AND SEWERS ARE TO BE CHECKED ON SITE AS SOON AS POSSIBLE AND PREFERABLY BEFORE SITE ACTIVITIES COMMENCE.
6. THE SEWER CONNECTION IS TO BE CARRIED OUT BY AN NWL APPROVED CONTRACTOR.
7. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DRAINAGE DETAILS DRAWINGS.
8. FOR PROPOSED ADOPTED DRAINAGE PIPES WITH LESS THAN 900mm COVER IN AREAS NOT SUBJECTED TO VEHICULAR LOADING AND LESS THAN 1200mm IN VEHICULAR LOADING AREAS TO BE CONCRETE PROTECTED.
9. ADOPTED DRAINAGE IS TO COMPLY WITH 'DESIGN AND CONSTRUCTION GUIDANCE'.
10. PIPE SURROUND TO BE GRANULAR TYPE 'S' UNLESS NOTED OTHERWISE.
PRIVATE DRAINAGE
11. PRIVATE DRAINAGE IS TO COMPLY WITH ALL STATUTORY REQUIREMENTS AND ACCORD WITH BS EN 752 AND BUILDING REGULATIONS APPROVED DOCUMENT H.
12. PIPE BEDDING SHOULD GRANULAR UNLESS NOTED OTHERWISE AND THE GRANULAR MATERIAL TO BE TO BS882:PT 2 AND TO BUILDING REGULATIONS PART H.
13. PIPE SIZES TO BE 100MM U.N.O..
14. FOR DRAINAGE PIPES TO BE CAST IN CONCRETE TO HAVE ROCKER PIPES EITHER SIDE OF CONCRETE.

- ADOPTABLE DRAINAGE KEY**
- PROPOSED SURFACE WATER SEWER
 - PROPOSED HIGHWAY GULLY
 - PROPOSED FOUL SEWER
 - EXISTING COMBINED SEWER
 - EXISTING SURFACE WATER SEWER
- EXTERNAL WORKS KEY**
- PROPOSED EXTERNAL LEVEL.
 - PROPOSED BACK OF FOOTPATH LEVEL.
 - EXISTING LEVEL.
 - PROPOSED GRADIENT.
 - 1200mm X 1200mm PART M4(2) LEVEL ACCESS
 - 1500mm X 1500mm PART M4(3) LEVEL ACCESS
 - PROPOSED RETAINING WALL WITH RETAINED HEIGHT.
 - PROPOSED STEPS - 150mm RISE. MINIMUM 280mm GOING. WHERE 3 OR MORE RISERS. A SUITABLE GRIPPABLE HANDRAIL ON ONE SIDE OF THE FLIGHT BETWEEN 850mm AND 1000mm ABOVE THE PITCH LINE OF THE FLIGHT AND EXTENDING 300mm BEYOND THE TOP AND BOTTOM NOSINGS.
 - EXPOSED BRICKWORK.
 - DRAINAGE CHANNEL WITH SUMP/GULLY. FOR LIGHT VEHICLE

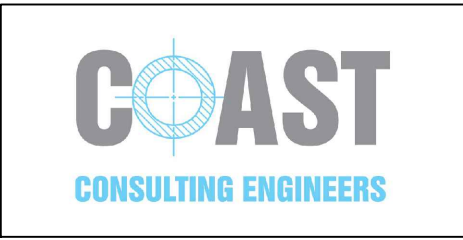
MANHOLES S65, S66 AND INTERCONNECTING SEWERS WITH REDUCED DEPTH OF COVER THEREFORE CONCRETE PROTECTION REQUIRED. SUBJECT TO NWL AND SOUTH TYNESIDE APPROVAL.

PIPE DIAMETER TO BE CONFIRMED. NWL RECORDS SHOW 225Ø PIPE HOWEVER RECENT UTILITY SURVEY SHOW 150Ø.

POTENTIAL SHORTER ROUTE THROUGH THIRD PARTY LAND TO CONNECTION SW SEWER

DRAINAGE SURVEY REQUIRED

P6	12.06.26	Amended to suit revised layout	AT	PB	PB
P5	11.05.26	Highway drainage diversion added	PB	AT	PB
P4	04.12.25	Drawing job title renamed	AT	PB	PB
P3	14.11.25	Drainage amended	AT	PB	PB
P2	27.10.25	Amended to suit revised layout	AT	PB	PB
P1	11.09.25	Preliminary Issue	AT	PB	PB
Issue	Date	Description	By	Chkd	Appd



7 Silverton Court, Northumberland Business Park, NE23 7RY
0191 5977879

Client
**STORY HOMES
NORTH EAST**

Job Title
**LAND OFF MILL LANE
SOUTH SHIELDS**

Drawing Title
**ENGINEERING APPRAISAL
SHEET 5 OF 6**

Scale at A1
1:250

Drawing Status
PRELIMINARY

Job No 25041	Drawing No 205	Issue P6
------------------------	--------------------------	--------------------