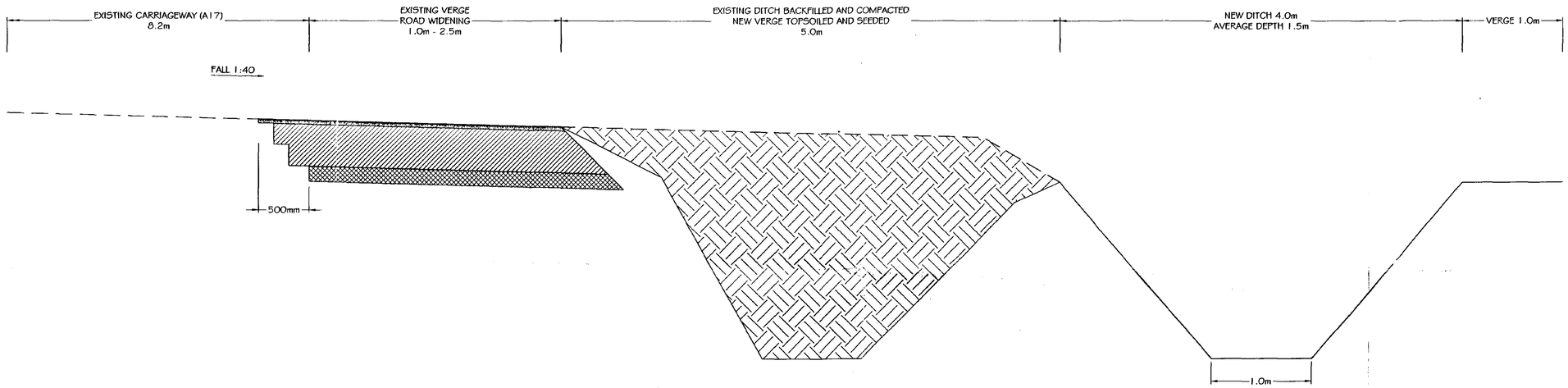


ROAD WIDENING CONSTRUCTION (1.0m TO 2.5m WIDTH)

40mm HOT ROLLED ASPHALT WEARING COURSE TO Cl 911 SR

415mm DBM50 (20mm) ROAD BASE TO Cl 934

150mm TYPE 1 SUB-BASE TO Cl 803.

CARRIAGEWAY TO BE 10.5m WIDE IN ORDER TO ESTABLISH TWO LANES 3.0m WIDE WITH GHOST ISLAND RIGHT TURN LANE 3.5m WIDE AND 500mm EDGE STRIPS.

CENTRAL RESERVATION 100m LONG WITH 105m LONG TAPERS.

SKDC
Planning & Development
Rec'd 2 DEC 2002
Ref 1102/02

Rev:	Date:	Description:	Approved by: (Project Manager)

AMENDMENT DETAILS

LINCOLNSHIRE - Part of the East Midlands Region

LINCOLNSHIRE COUNTY COUNCIL
HIGHWAYS & PLANNING DIRECTORATE
P.D. JAMESON, B.Sc.,C.Eng.,F.I.C.E., Head of Technical Services
Witham Park House, Witham Park, Waterside South, Lincoln LN5 7JN

DRG.No. B/ S06072/6000

Structure No.

Rd No. A17 Parish:

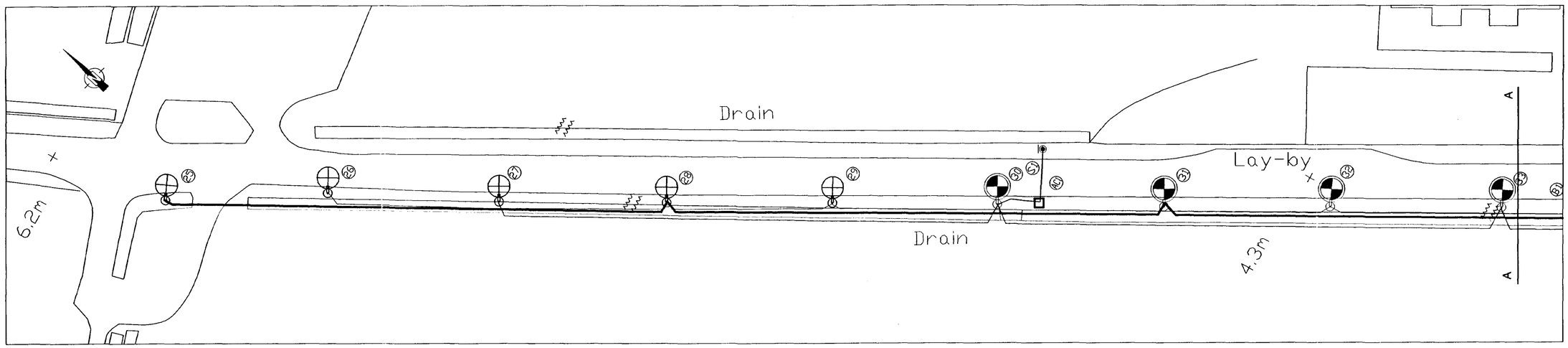
Scheme: GUYS FARM, FOSDYKE

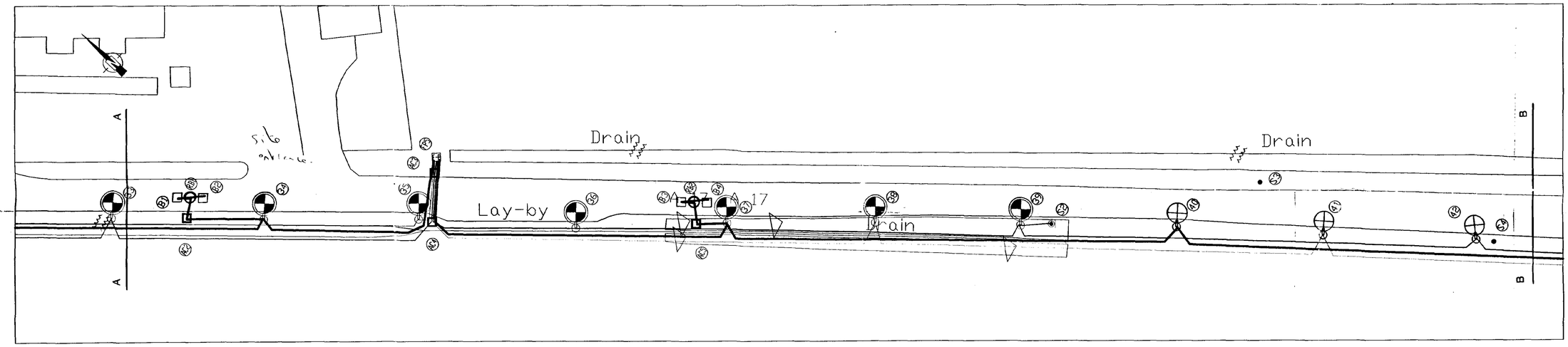
Drg. Description TYPICAL SECTION

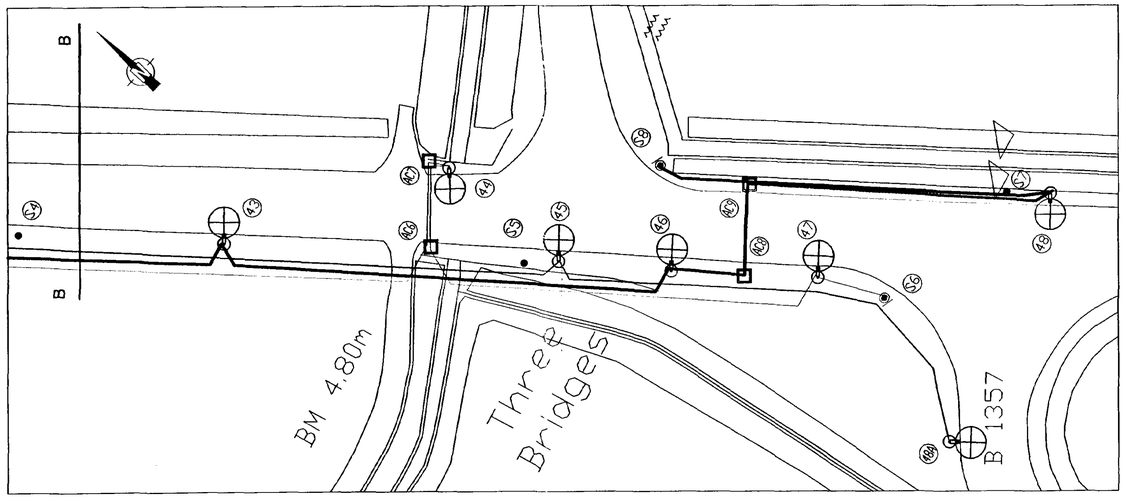
CONTRACT SHEET No:

SCALE 1:25 Approved by (Project Manager): KD DATE: 27/11/02

Draughted By: LM Checked by: KD DATE: 27/11/02







10m extended root galvanised tubular steel lighting column, c/w post-top mounted Phillips SGS306 P16 lantern fitted with 250w SON-T plus lamp to be serviced using 16mm2 XLPE/SWA/PVC 3-core cable. Old column and lantern assembly to be returned to designated Contractor's store.

Existing 10m column to be recabled using 16mm2 XPLE/SWA/PVC 3-core copper cable

Sign unit to be serviced using 6mm2 XLPE/SWA/PVC 3-core copper cable.

Sign unit to be disconnected and to have lantern(s) removed to tip.

Access chamber

Illuminated bollard

Refuge beacon c/w int. ill. signs to diag 610

New columns to be positioned 1.8m back from defined edge of revised carriageway width and laterally to within 1m of existing column.

Supply cable runs are diagrammatic and are not to be scaled from drawing.

Received Planning & Development
11/02/02

Rev.	Date:	Description:	Approved by: (Snr. Design Eng.)
AMENDMENT DETAILS			

LINCOLNSHIRE - Part of the East Midlands Region

LINCOLNSHIRE COUNTY COUNCIL
HIGHWAYS & PLANNING DIRECTORATE
R.H. CLIFFORD, B.Sc.(Eng) C.Eng, M.I.C.E., Acting Head of Technical Services
Witham Park House, Witham Park, Waterside South, Lincoln LN5 7JN

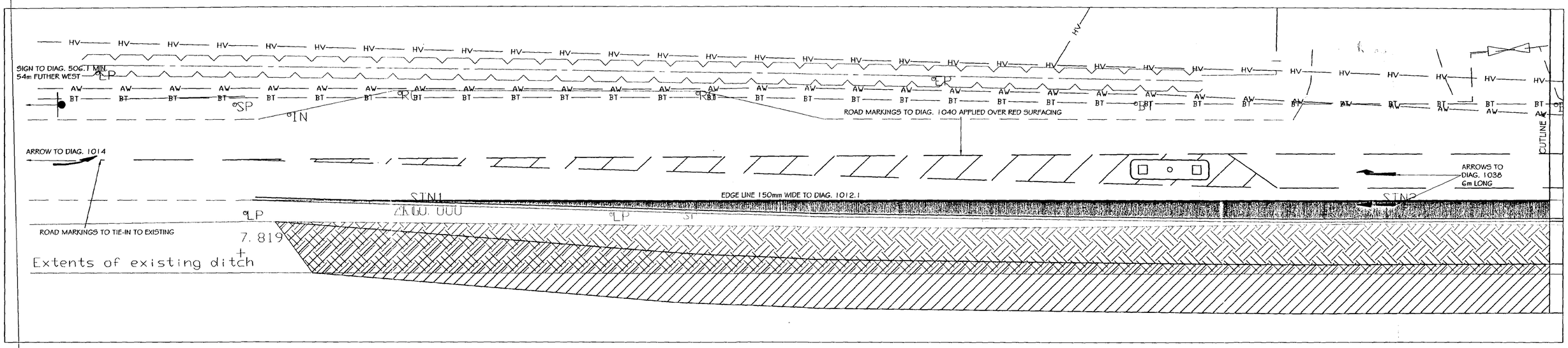
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Structure No.
Rd No. A17 Parish: FOSDYKE
Scheme: GUYS FARM
Drg. Description PROPOSED STREET LIGHTING

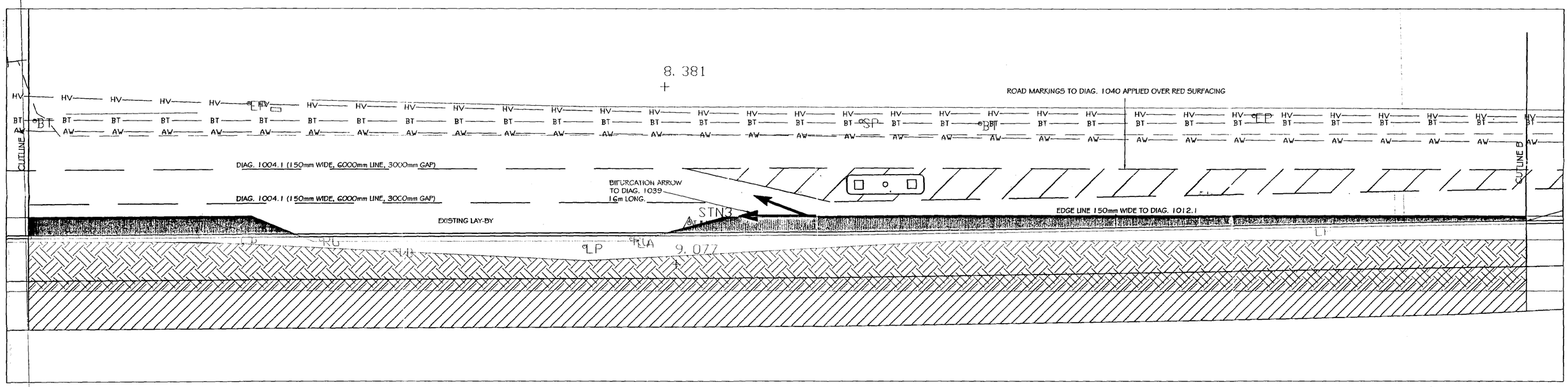
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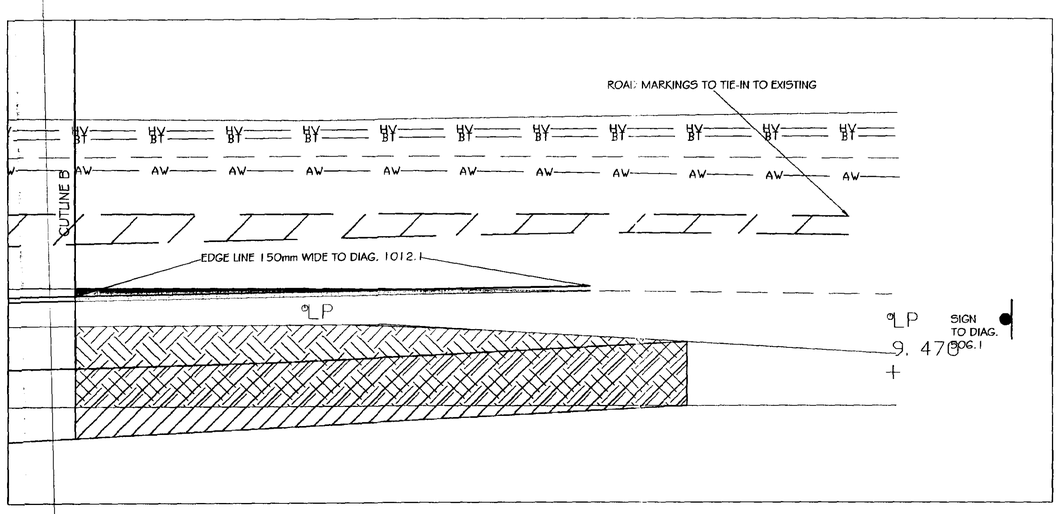
SCALE: 1:500 Approved by (Snr. Design Eng.): MG
DATE: 27.11.02

Draughted By: GRM Checked by: MG DATE: 27.11.02

X REFS USED:







KEY

- ROAD WIDENING
- EXTENTS OF EXCAVATION FOR NEW DITCH
- EXTENTS OF BACKFILL FOR EXISTING DITCH

TEMPORARY NEW ROAD LAYOUT SIGNS AT EACH END OF THE SCHEME WILL BE REQUIRED.

CENTRAL REFUGE ISLAND, 2m WIDE, 6m LONG.
CONSTRUCTION TO COMPRISE: 25mm DBM WEARING COURSE
50mm DBM BASECOURSE
150mm TYPE 1 SUB-BASE
KERBED AND WITH ILLUMINATED KEEP LEFT BOLLARDS AND RAISED BEACON.

- HV — OVERHEAD EAST MIDLANDS ELECTRICITY (HIGH VOLTAGE)
- BT — BRITISH TELECOMMUNICATIONS SUPPLY
- AW — ANGLIAN WATER (POTABLE WATER) SUPPLY

Planning & Development
Ref 1102/02

Rev	Date:	Description: AMENDMENT DETAILS	Approved by: (Project Manager)

LINCOLNSHIRE - Part of the East Midlands Region

LINCOLNSHIRE COUNTY COUNCIL
HIGHWAYS & PLANNING DIRECTORATE
P.D. JAMESON, B.Sc.,C.Eng.,F.I.C.E., Head of Technical Services
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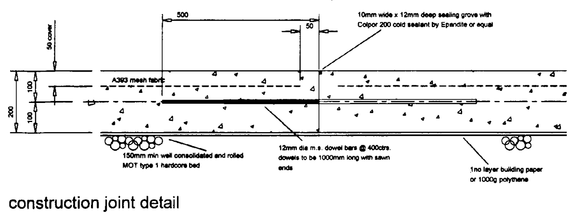
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Structure No.
Rd No. A17 Parish:
Scheme: GUYS FARM, FOSDYKE
Drg. Description ROAD WIDENING

CONTRACT SHEET No:

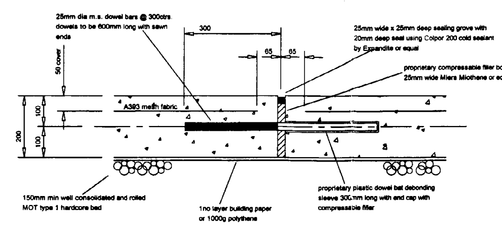
SCALE: 1:200 Approved by (Project Manager): KD
DATE: 27/11/02

Draughted By: LLL Checked by: KD DATE: 27/11/02

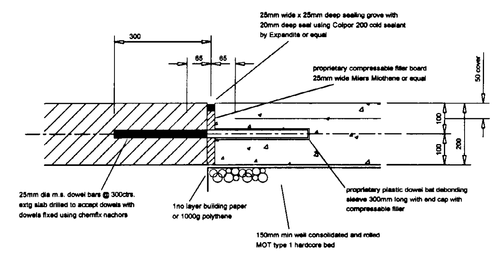
CONCRETE SPECIFICATION
yard area to be C40/ 32SOPC/ 20 AGGREGATE/ FWCR 0.55 with AEA 5%% + or - 1%
slab to be wood float finished finish with trowelled margins and butt
raised arrises to joints
circular spaced chairs to be positioned to support mesh.
slab to be reinforced with one layer A393 mesh fabric (60 lapover) mesh to have 400 and and 300mm side laps
hardcore bed to be compacted with heavy vibrating roller



construction joint detail



expansion joint detail



extg/ new yard connection

existing verandi hedging to be removed completely and area made good with top soil and grassed

18600 concrete yard extension

existing grassed area to remain and made good as necessary at new yard main intersection with top soil/ grass seeded

existing stoned area to be top soiled to suit new adj levels and grassed seeded

existing chain link type fence to be removed : new chain link type fencing to be installed to match new site perimeter security fencing, new fence line to be constructed in straight line up to new intersection

NOTE: all new security fencing to have 1m wide (300/300) 75mm deep gravel margin below with timber edging to both sides. gravel to be laid on tarmac type geotextile membrane on reduced level sub soil

existing chain link type fence to be removed and re-erected on new line

existing gate to be removed and re-erected on new line

existing security fencing to be removed along line as indicated

existing transformer to be removed by EMEB, a new concrete bases and enclosure constructed by FJC

EMEB to have pg duct into transformer area

existing 300mm dia sw drain

existing chamber cham to be removed completely and outlets blocked off to suit

existing ground levels to be regraded to this area to suit new finished yard/ path/ kerb levels

1no 4m wide x 2.4m high galv.d tubular steel framed access gates to match security fencing

existing earth banking to be completly rem , med and relocated within extg adj flats and graded accordingly

outflow invert: 16.487

pipe invert at discharge to extg manhole 16.500

new 225mm dia sw drain

incoming invert: 16.587

new 225mm dia sw drain

MH CL:18.15 IL:16.42

MH CL:18.22 IL:16.69

MH CL:18.17 IL:16.69

MH CL:18.25 IL:16.82

extg concrete yard area to remain

NEW CONCRETE YARD AREA

EP

PROPOSED PRODUCTION FACTORY

finished floor level: 18.502

S5 c.l.: 18.15 approx i.l.: 16.700 D:1.150m

1200x1200 conc pad outlets /personnel escape doors

E1 c.l.: 18.15 approx i.l.: 17.15 D:1.00m

100mm dia

S4 c.l.: 18.15 approx i.l.: 17.000 D:1.150m

new incoming powerwork to access thro wall of extg effluent pit, pit wall to be made good as necessary around pipe pipe to discharge 300mm from face of pit wall

extg sw drain to remain

new pumping main discharge into sw system

building to bebounded by 1300mm wide perimeter construction 0 no 20mm washed gravel (75mm thick) on Tarmac type geotextile membrane on type 1 hardcore well rolled

line of new 2.4m high galv. 50m type security fence on pc post 2.4m high with crested type with 2no strands of barbed wire

LINE THUS INDICATES EXTENT OF EXISTING DEMOLISHED BUILDING DUE TO FIRE DAMAGE

1500mm wide concrete ramp to access door, to be in matching spec to main concrete yard areas

existing manhole cover to be raised to suit new access ramp level

MH IL:16.55

NEW TEMPORARY ACCESS RAMP

existing banking to be graded to suit new access or access ramp

all banked areas to be graded, top soiled and grassed

raised earth banking (1800mm high)

water main to compressor area with tap to extg d/ main upstand bracket by insetech ltd slurton

compressor area to be bunded by 200x200 dpc/ r.c. kerb to prevent egress of water, kerb to be shuttered into slab with 12 dia n 250mm long bars @ 600 ctrs

COMPACTOR 1.0m x2.0m

CONC SLAB FOR COMPACTOR AREA

area for gas tank to have 150mm thick concrete slab (as main yard areas) 3m x 3m

1200x1200 conc pad outside personnel escape doors

extg sunken loading area

extg sw drain to remain and new connection

200x200 r.c. vehicle stop to match existing type, to be C40 concrete and dowelled to slab at 450 ctrs with 10mm dia dowel bars, 300mm long

new out extg yard (600mm wide) and install new 100mm dia sw drain laid to suit extg rec invertc. to be bedded in pea shingle 100mm with lean mix capping min 150mm, make good to extg manholer cant as necessary

reinforced conc vard/ ramp areas to be C40/ 32SOPC/ 20 AGGREGATE/ FWCR 0.55 with AEA 5%% + or - 1%
paving to have a brushed finish with trowelled margins and butt raised arrises to joints
circular spaced chairs to be positioned to support mesh.
slab to be reinforced with one layer A393 mesh fabric (60 lapover) mesh to have 400 and and 300mm side laps
hardcore bed to be compacted with heavy vibrating roller
concrete slab thickness 200mm

extg concrete yard area

NEW CONCRETE YARD AREA

car park out

conc ramp

car park in

1no 4m wide x 2.4m high galv.d tubular steel framed access gates to match security fencing

exact discharge point for pumping main to be determined on site

PROPOSED TWO STOREY AMENITIES

Finished ground floor level 18.502

NEW CONCRETE BELLMOUTH AREA

EXISTING ENTRANCE TARMAC AREA TO BE REMOVED COMPLETELY

existing 18.37

existing 18.48

existing 18.00

existing 18.27

existing 18.37

existing 18.48

2500 dia manhole

2500x225 flat channel

AREA HATCHED THUS TO BE TARMAC SURFACING TO L.C.C SPECIFICATION WORKS TO BE UNDERTAKEN DURING ROAD WIDENING PROGRAMME

road to be brushed pathway, construction to be 20mm washed gravel (75mm thick) on Tarmac type geotextile membrane on type 1 hardcore well rolled

2400 dia manhole

2400 dia manhole

2400 dia manhole