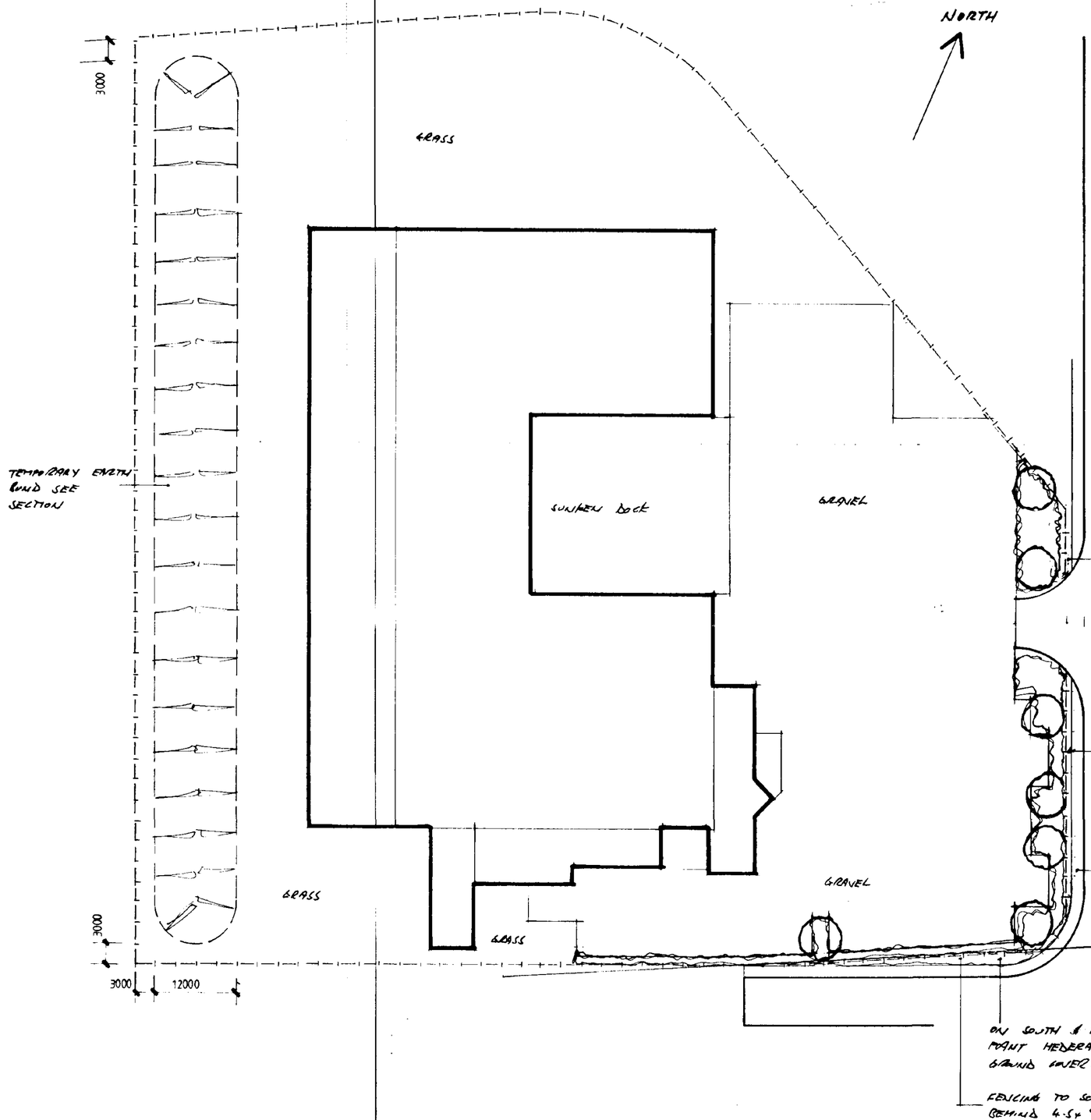


TREES TO BE ACER PLATANOIDES STANDARDS. PROVIDE SUPPORT & PROTECTION.

SHRUBBERY

TO SOUTH & EAST OF CHAIN LINK FENCE PLANT HEDERA HELIX HIBERNICA

ELSEWHERE TO CONSIST OF

BERBERIS THUNBERGII	2 LITRE POT
CRATAEGUS PRUNIFOLIA	2 LITRE POT
LIGUSTRUM OVALIFOLIUM AUREUM	2 LITRE POT
LONICERA NITIDA	1·5 LITRE POT
PRUNUS OTTO LUYKEN	2 LITRE POT
PYRACANTHA SOLEIL D'OR	2 LITRE POT
RUBUS COCKBURNIANUS	40-60 cm HIGH
" TRIBEL GENEVIEVE	2 LITRE POT

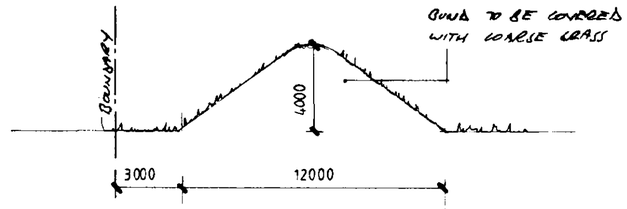
SHRUBS TO BE PLANTED IN 1m MATRIX

ALL TREE & SHRUB AREAS TO BE COVERED WITH BARK MULCH.

FENCING TO BE SET BACK 2·5m FROM ROAD EDGE THIS APPLIES ALL ALONG EAST BOUNDARY

ON SOUTH & EAST SIDE OF FENCING PLANT HEDERA HELIX HIBERNICA GROUND COVER.

FENCING TO SOUTH TO BE SET BEHIND 4·5x 90m VISIBILITY SPLAY



SECTION THRO' EARTH BUND

EARTH BUND WILL BE TEMPORARY (UNTIL SOIL CAN BE DISPOSED OF)

DETERMINED PLAN

SOUTH HOLLAND DC HOUSING & PLANNING 11 JAN 2000 Ref: S026/00

CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE BEFORE WORK COMMENCES.

revision	date	init.	revision details

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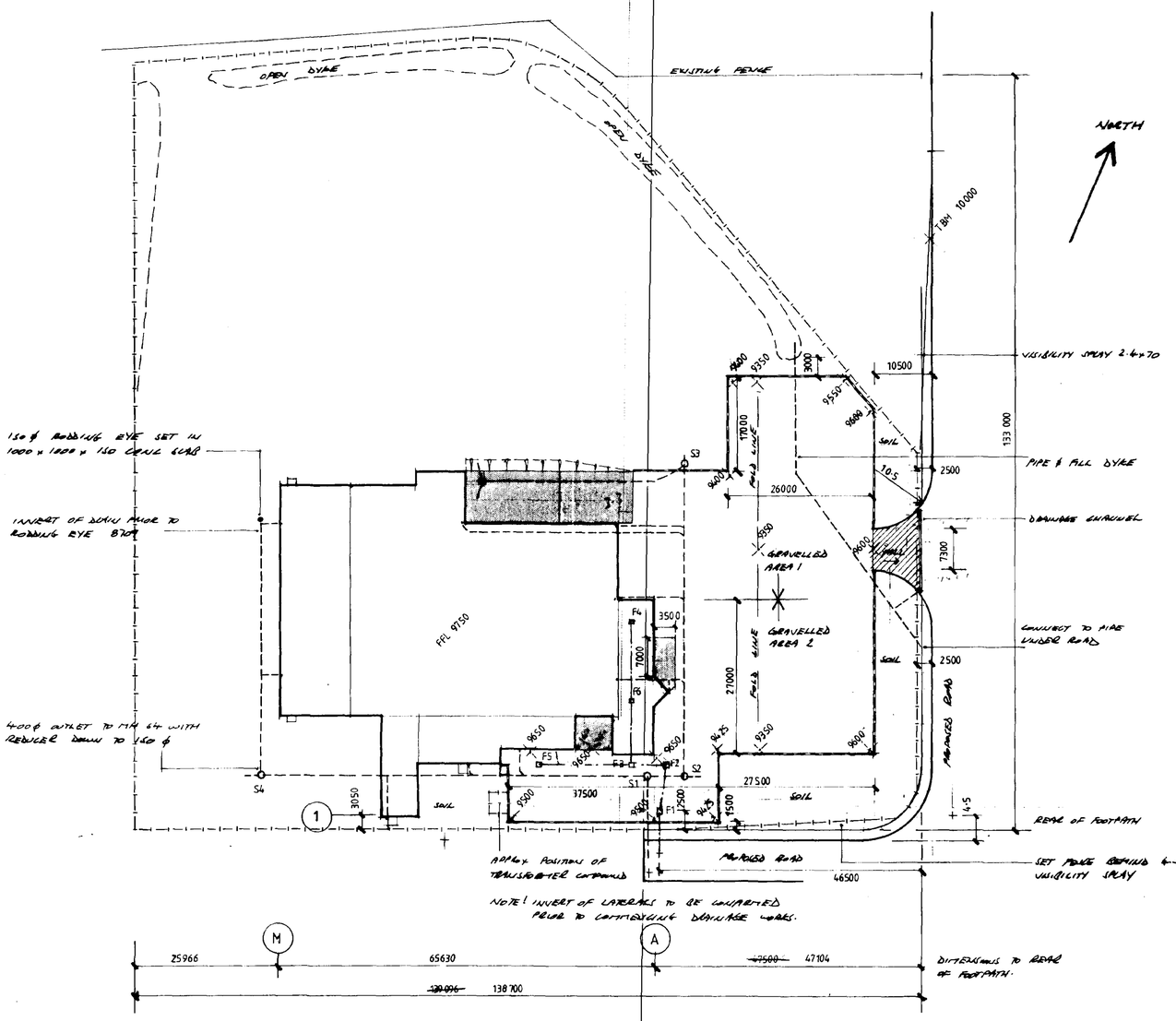
project

SPALDING DISTRIBUTION SERVICES LTD.
PROPOSED HAULAGE & DISTRIBUTION DEPOT AT
STEPHENSONS AVENUE, SHEP. SPALDING.

drawing

LANDSCAPING

scale	drawing no
1-500	2889-39
date: JAN 2000	drawn / checked



FOUL DRAINAGE see also drawing 2889-30 drainage & foundation plan

NO	INVERT	APPROX C.L	APPROX DEPTH	MH SIZE & TYPE	COVER TYPE	OTHER
F1	x	9500		-	600 x 450 GRADE A DUCTILE IRON	
	8746	9500	754	600 x 450 CONC		
F2	8811	9625	814			
F3	8853	9625	772			
F4	9217	9750	533		600 x 450 GALV' RECESSED DOUBLE SEAL BOLTED COVER PEDESTRIAN DUTY	
F5	9055	9625	570		600 x 450 GRADE A DUCTILE IRON	
F6	9047	9750	703	-	AS F4	

MH TO MH	APPROX DIST M	FALL	PIPE & MAT'	OTHER
F1 TO F2	9.05	1-150	PVC 150ϕ	ALL EXTERNAL FOUL DRAINS TO HAVE REINFORCED CONCRETE BRIDGING OVER.
F2 TO F3	6.3	1-150	150ϕ PVC	
F3 TO F5	16.2	1-80	100ϕ PVC	
F3 TO F6	11.5	1-80	100ϕ PVC	
F6 TO F4	13.6	1-80	100ϕ PVC	

STORM DRAINAGE see also drawing 2889-30 drainage & foundation plan.

S1	NO EXACT DETAILS APPROX 8371	9600	1229	1675 x 1025 CONC	600 x 600 GRADE A DUCTILE IRON STEP IRONS	EXTEND 450ϕ LATERAL INTO SITE AT 1 IN 230
S2	8421	9550	1129	1200 x 750 CONC	600 x 600 GRADE A DUCTILE IRON. STEP IRONS 225ϕ STUB OUT OF EAST SIDE OF MH.	
S3	8686	9480	794	1000 x 675 CONC	600 x 600 GRADE A DUCTILE IRON. 300ϕ STUB OUT OF NORTH OF MH.	
S4	8596	9600	1004	1200 x 750 CONC	600 x 600 GRADE A DUCTILE IRON. 400ϕ STUB TO NORTH. 225ϕ STUB TO WEST	

MH TO MH	APPROX DIST M	FALL	PIPE & MAT'	OTHER
S1-S2	6.5	1 IN 130	300ϕ MIN WALL PVC	REINFORCED CONCRETE SURROUND
S2-S3	55.5	1 IN 210	"	"
S1-S4	68.5	1 IN 300	400ϕ MIN WALL PVC	REINFORCED CONCRETE SURROUND OVER FROM S1 TO GL H
S4 TO RODDING EYE	45.0	1 IN 600	150ϕ PVC	

LEGEND

- AREAS OF CONCRETE
- AREAS OF TARMAC
- TIMBER EDGING TO GRAVELLED AREA
- DRAIN CHANNEL W/ GRATE
- FOUL DRAIN RUN & MANHOLE
- STORM DRAIN RUN & MANHOLE
- PUMP CHAMBER & EFFLUENT PIPE
- RODDING EYE
- BOUNDARY / FENCING

SITE ACCESS

ACCESS UP TO REAR OF FOOTPATH TO BE INSTALLED BY OTHERS.
EXTEND 256 x 127 HALF BATTERED KERBS INTO SITE THERE TO SIT ON 400 x 150 C20 CONCRETE BASE WITH HAUNCHING AT REAR. PROVIDE ABUTMENT TO REAR OF TARMAC WITH 200m SQ PRECAST CONCRETE KERB on 300 x 150 S7.3 CONCRETE BASE WITH HAUNCHING AT REAR.
INSTALL CHANNEL 125 KERB TYPE DRIVE DRAINAGE CHANNEL AT REAR OF FOOTPATH WITH RODDING ACCESS AT HIGH END. DRAIN CHANNEL TO SIT ON 550 x 150 C20 FOUNDATION WITH HAUNCHING. DISCHARGE CHANNEL DRAIN INTO OSMA PVC ROAD GULLY 60.590 & SET IN 150 TH C20 CONCRETE. BUILD UP 2 COURSES OF CLASS B ENGINEERING BRICK & FIT GRADE A DUCTILE IRON GRATING. 150ϕ OUTFALL TO GULLY TO CONNECT INTO PIPED DRAIN.
ACCESS TO BE CONSTRUCTED IN
40m WEARING COURSE TO MATCH ADJOINING HIGHWAY
100m DENSE BITUMEN BASE COURSE 20mm NOMINAL SIZE
500m CRUSHED LIMESTONE.

CONCRETE

1 FOR CONSTRUCTION OF SUNKEN DOCK SEE DRAWG 2889-

2 SHED BASE BETWEEN GRID VERT B & C TO BE CONSTRUCTED WITH 200 TH C35 CONCRETE WITH FIBRETECH. SINGLE LAYER A252 MESH IN TOP MIN 200 TH BLINDED & CONSOLIDATED CRUSHED STONE. THICKEN OUT CONCRETE AT JUNCTION WITH GRAVELLED AREA AS FOR FLOOR SLAB. CONCRETE LAID TO FALLS WITH WOOD FLOAT FINISH. ON 3 SIDE WHERE ABUT BUILDING PROVIDE 20m TH FLEXSEAL WITH COLOUR SEALANT.

3 DISABLED CAR PARK BAY (ADJACENT RECEPTION) 100 TH C35 CONCRETE WITH FIBRETECH. REINFORCED WITH SINGLE LAYER OF A252 MESH. MIN 150 TH BLINDED & CONSOLIDATED STONE CONCRETE LAID TO FALLS WITH WOOD FLOAT FINISH. WHERE ADJ'S BUILDING PROVIDE 20m FLEXSEAL WITH COLOUR SEALANT. THICKEN OUT CONCRETE AT JUNCTION WITH KERBS TO 300 TH FOR A MIN WIDTH OF 300m.
SEE LARGE SCALE FOR DRIVE DRAINAGE CHANNEL OUTSIDE DOOR D1

GRAVELLED AREAS

1. GRAVELLED AREA 1 TO CONSIST OF 400 TH CONSOLIDATED CLEAN STONE (NO FINES) WITH LARGE STONE 6" TO BOTTOM & REDUCING IN SIZE TO 2" TO TOP. STONE TO BE LAID TO FALLS. TOP OFF WITH 50m OF SINGLE SIZE WASHED GRAVEL & ROLL.

2 GRAVELLED AREA 2 TO BE SIMILAR TO ABOVE BUT STONE TO BE MIN 200m DEEP.

FORM PERIMETER TO GRAVELLED AREAS WITH 250 x 38 TANALIZED TIMBER WITH 75 x 75 x 750 LONG TANALISED STAKES AT 2m CRS TOP OF TIMBER TO FINISH 50m ABOVE TOP OF GRAVEL.

FENCING

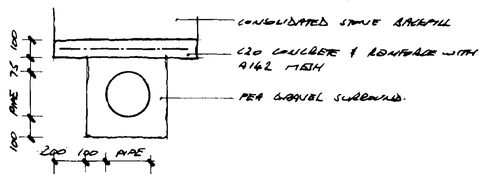
TO BOUNDARY LINE ALONG REAR OF FOOTPATH (TO EAST & SOUTH BOUNDARY) PROVIDE 1800 HIGH GALVANISED CHAIN LINK FENCE WITH CONCRETE POSTS SET IN CONCRETE. FENCE TO BE SET TO AT DEMAND VISIBILITY SPLAY.
TO REMAINDER OF BOUNDARY TO BE MARKED WITH 1.8m HIGH TREATED TIMBER FENCE POSTS SET IN CONCRETE FOUNDATIONS. POSTS TO BE AT APPROX 30m CTRS ALLOW FOR 12 NO IN TOTAL.

MANHOLES

GENERALLY TO BE CONSTRUCTED USING MILTON PRECAST CONCRETE SECTIONS ON 150 TH C20 CONCRETE BASE FOR 600ϕ 450 I.C & 225 TH C20 FOR ALL OTHERS. BACKFILL AROUND MANHOLE WITH 150m OF C20 CONCRETE. FIT H.D BISCUIT, BUILD UP SHAFT WITH 2 COURSES OF CLASS B ENGINEERING BRICK. FIT COVER & FRAME AS SPECIFIED IN SCHEDULE. EXTERNAL M.H COVERS TO BE SET IN 150 TH C35 CONCRETE SLAB x 450 WIDE.

STORM DRAINAGE

PIPES UP TO & INCLUDING 150ϕ PVC TO BE SINGLE WALL. ABOVE 225ϕ TO BE RIBBED/TWINWALL PVC. PIPES TO BE LAID TO FALL SHOWN IN SCHEDULE. PIPES TO BE FLEXIBLE JOINTED & LAID WITH MIN OF 100mm REA GRAVEL BED & SURROUND.



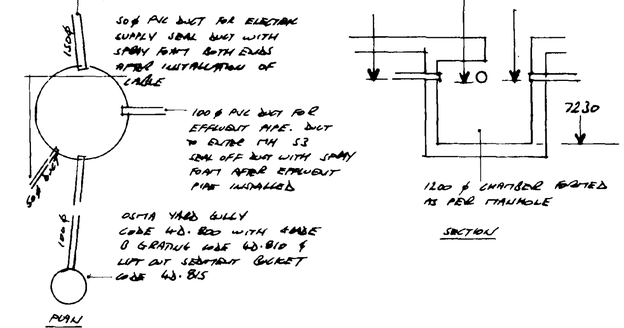
FOUL DRAINS

TO BE 100ϕ SMOOTH PVC LAID TO FALLS AS SHOWN ON SCHEDULE DRAWG. FROM MANHOLE TO 7TH TO BE LAID NO FLATTER THAN 1 IN 80. PIPES TO BE FLEXIBLE JOINTED & LAID WITH MIN 100 TH OF REA GRAVEL BED & SURROUND. SEE STORM DRAIN NOTE FOR DETAIL OF REINFORCED CONCRETE BRIDGING.

FILLED DYKE

WHERE SHOWN DYKE TO BE CLEANED OUT. LAY 150ϕ PERFORATED FLEXIBLE PIPE IN REA BED & SURROUND. BACKFILL OVER WITH CLEAN STONE (NO FINES) & CONSOLIDATE IN MIN 250mm LAYERS. CONNECT FLEXIBLE PIPE TO RIGID PIPE UNDER ROAD. PIPE UNDER ROAD APPROX LEVEL 8745.

PUMP CHAMBER



CONDENSOR BASE

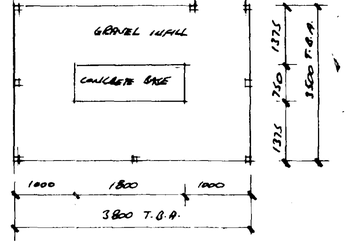
IN POSITION TO BE AGREED BUT NEAR TO PLANT ROOM CONSTRUCT CONCRETE BASE 5m LONG x 2.25m WIDE x 100 TH C35 CONCRETE WITH FIBRETECH & HONEDALE WITH A252 MESH. WOOD FLOAT FINISH. MIN 150m BLINDED & CONSOLIDATED STONE

PAINTING

AREAS BETWEEN GRAVELL & ROAD TO HAVE ALL BUILDING DEBRIS REMOVED & LEFT IN SUITABLE CONDITION FOR PAINTING/LANDSCAPING BY CLIENT.
ALL OTHER AREAS OF SOIL TO HAVE ALL BUILDING DEBRIS REMOVED & SOIL ROUGHLY LEVELLED OUT. SOIL AREAS ADJACENT BUILDING TO BE LEVELLED OUT TO 150m BELOW FLOOR LEVEL.

TRANSFORMER BASE/AREA

IN POSITION TO BE AGREED



TRANSFORMER BASE TO BE 1800 x 760 x 600 TH C35 CONCRETE.
GRAVEL INFILL 50m OF SINGLE SIZE WASHED GRAVEL ON WEED SUPPRESSING MAT.
FENCE 1800 HIGH GALVANISED CHAIN LINK WITH CONCRETE POSTS SET IN CONCRETE. LOCKABLE PERSONNEL GATE. TANALIZED TIMBER GRAVEL BOARD.

WATER SUPPLY

ALLOW FOR 25ϕ SUPPLY TO RUN FROM ROADS INTO TEA POINT OF OFFICE. 100ϕ DUCT UNDER FLOOR & INTO BUILDING INSTALL SUPPLY 750m BELOW FINISHED FLOOR LEVEL. BACKFILL WITH SELECTED CLAY SOIL TO FOOTPATH LEVEL & INCLUDE MARKER TAPE IN BACKFILL 300mm ABOVE PIPE.
SPARE DUCTS PIPED PIPE INSTALLED.

ELECTRIC SUPPLY

ALLOW FOR 12m OF TRENCH 1m WIDE x 1m DEEP. SOFT SAND BED & BACKFILL TO CABLE MARKER TAPE TO BE LAID 300m ABOVE CABLES. SELECTED MATERIAL BACKFILL.

DISABLED CAR PARK DRAINAGE

OUTSIDE OF DOOR D1 & WITHIN W5 PROVIDE DRAINAGE CHANNEL CONSISTING 3 NO 1m LENGTHS MARLEY LOW LINE CHANNEL REF MD610. 2 NO END CAPS REF MD612. 1 NO IN LINE TRAP REF MD613. 3 NO 1m LENGTHS GALV' STEEL GRATING REF MD615. 6 NO LOCKING BOLTS REF MD611. DRAIN CHANNEL TO BE SET IN 100 TH C25 CONCRETE. 100ϕ DRAIN TO CONNECT TO THAT SERVING RAMP.

DETERMINED PLAN

CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE BEFORE WORK COMMENCES.

revision	date	init.	revision details
A	21-6-99	JD	OIL INTERCEPTOR ADDED
B	7-7-99	JD	ADDITIONAL VOLUME OUT 4m3 x 2m3
C	23-8-99	JD	ADD DUCT TO EL
D	21-9-99	JD	ADD DUCT TO EL
E	14-10-99	JD	SET LEVELS OF FOUL DRAINS & AIT BOUNDARY TO FL
F	11-1-2000	JD	ADJ FENCE & GATE TO SUIT BOUNDARY

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project:
SPALDING DISTRIBUTION SERVICES LTD
PROPOSED HAULAGE & DISTRIBUTION DEPOT
AT
STEPHENSONS AVENUE S.I.E.P. SPALDING

SOUTH HOLLAND DC HOUSING 17 MAR 2000 Ref: 00/100

drawing: SITE PLAN
scale: 1-500
drawing no: 2889-32
date: JUNE 99
drawn:
checked: