SURFACE WATER MANHOLE SCHEDULE										
MH REFERENCE	INVERT LEVELS	COVER LEVELS	DEPTH TO INVERT	TYPE	SIZE	COVER TYPE	COORDINATES			
SW1	225Ø - 233.036	234.461	1.425	HWY	1.350	D400	E901.097 N4456.134			
SW2	225Ø - 232.906 225Ø - 232.906	234.734	1.828	В	1.200	D400	E877.986 N4452.805			
SW3	225Ø - 232.645 300Ø - 232.570	235.019	2.449	В	1.200	D400	E827.414 N4422.806			
SW4	300Ø - 232.498 300Ø - 232.498	234.582	2.084	В	1.500	D400	E816.472 N4441.256			
SW5	300Ø - 232.393 375Ø - 232.318	234.725	2.407	В	1.500	D400	E810.441 N4472.275			
SW6	375Ø - 232.269 375Ø - 232.269	234.565	2.296	В	1.500	D400	E811.126 N4490.512			
SW7	375Ø - 232.228 375Ø - 232.228	234.440	2.212	В	1.500	D400	E815.803 N4505.211			
SW8	375Ø - 232.112 450Ø - 232.037	234.872	2.835	В	1.500	D400	E774.573 N4518.521			
SW9	225Ø - 233.814	235.239	1.425	B1	1.350	D400	E734.893 N4529.529			
SW10	450Ø - 231.971 225Ø - 232.196 450Ø - 231.971	235.276	3.305	В	1.500	D400	E748.483 N4523.180			
SW11	450Ø - 231.924 450Ø - 231.924	234.921	2.998	В	1.500	D400	E742.865 N4505.187			
SW12	450Ø - 231.886 450Ø - 231.886	234.921	3.035	В	1.500	D400	E744.489 N4490.275			
SW13	450Ø - 231.860 450Ø - 231.860	235.068	3.208	В	1.500	D400	E748.746 N4481.006			
SW14	450Ø - 231.700 450Ø - 231.700	235.011	3.312	В	1.500	D400	E747.997 N4416.860			
SW15	450Ø - 231.660 450Ø - 231.660	235.202	3.542	Α	1.500	D400	E745.627 N4400.986			
SW16	225Ø - 233.664	235.089	1.425	B1	1.350	D400	E798.516 N4382.690			
SW17	225Ø - 233.537 225Ø - 233.537	234.994	1.457	B1	1.350	D400	E784.261 N4364.832			
SW18	225Ø - 233.481 225Ø - 233.481	235.144	1.663	B1	1.350	D400	E772.720 N4369.763			
SW19	450Ø - 231.599 225Ø - 231.824 525Ø - 231.524	235.092	3.568	В	1.800	D400	E739.895 N4377.166			
SW20	225Ø - 233.540	234.965	1.425	B1	1.350	D400	E687.176 N4372.738			
SW21	225Ø - 233.306 225Ø - 233.306	234.731	1.425	B1	1.350	D400	E699.439 N4364.953			
SW22	525Ø - 231.471 225Ø - 231.771 525Ø - 231.471	234.817	3.347	В	1.800	D400	E734.729 N4356.451			
SW23	525Ø - 231.373 525Ø - 231.373	234.251	2.878	В	1.800	D400	E726.053 N4318.172			
SW24	525Ø - 230.818 225Ø - 230.818	234.100	3.282	FC	1.800	D400	E772.634 N4292.944			
SW25	225Ø - 230.535 225Ø - 230.535	234.826	4.291	A	1.200	D400	E789.549 N4354.252			
SW26	225Ø - 230.181 225Ø - 230.181	234.603	4.422	A	1.200	D400	E837.949 N4417.573			
SW27	225Ø - 229.912 225Ø - 229.912	234.217	4.305	A	1.200	D400	E889.653 N4448.988			

SW24 HYDROBRAKE DETAILS
REFERENCE: MD-SHE-0146-1070-1300-1070 DESIGN HEAD: 1.3m ORIFICE SIZE: 146mm DESIGN FLOW:10.7 I/s INVERT LEVEL 230.883m
TECHNICAL ODECITICATION

INVERT LEVEL 230.883n	n						
TECHNICAL SPECIFICATION							
CONTROL POINT	HEAD (m)	FLOW (I/s)					
PRIMARY DESIGN	1.300	10.700					
FLUSH - FLO	0.383	10.700					
KICK - FLO	0.830	8.700					
MEAN FLOW		9.300					

**NOTES:** HWY DENOTES HIGHWAY MANHOLE B1 DENOTES DOUBLE COVER MANHOLE FC DENOTES FLOW CONTROL CHAMBER

MH REFERENCE							
	INVERT LEVELS	COVER LEVELS	DEPTH TO INVERT	TYPE	SIZE	COVER TYPE	COORDINATES
FW1	150Ø - 232.802	234.337	1.534	B1	1.350	D400	E728.799 N4319.894
FW2	150Ø - 233.292	235.042	1.750	В	1.200	D400	E686.350 N4375.462
FW3	150Ø - 233.027 150Ø - 233.027	234.777	1.750	В	1.200	D400	E700.652 N4366.889
FW4	150Ø - 232.538 150Ø - 232.538 150Ø - 232.538	234.920	2.382	В	1.200	D400	E738.018 N4358.483
FW5	150Ø - 233.250	235.006	1.756	В	1.200	D400	E750.300 N4426.855
FW6	150Ø - 233.152 150Ø - 233.152	235.171	2.019	В	1.200	D400	E750.010 N4409.208
FW7	150Ø - 232.429 150Ø - 232.429 150Ø - 232.429	235.128	2.700	В	1.200	D400	E741.922 N4374.282
FW8	150Ø - 232.212 150Ø - 232.212	235.171	2.959	В	1.200	D400	E773.596 N4367.003
FW9	150Ø - 232.134 150Ø - 232.134	235.066	2.932	В	1.200	D400	E784.349 N4362.144
FW10	150Ø - 231.839 150Ø - 231.839	235.257	3.418	А	1.200	D400	E811.885 N4396.783
FW11	150Ø - 231.626 150Ø - 231.626	234.966	3.340	Α	1.200	D400	E831.595 N4421.897
FW12	150Ø - 231.386 150Ø - 231.386	234.934	3.548	Α	1.200	D400	E862.559 N4440.260
FW13	150Ø - 231.253 150Ø - 231.253	234.788	3.535	Α	1.200	D400	E879.439 N4450.893
FW14	150Ø - 233.282	235.032	1.750	В	1.200	D400	E748.554 N4487.860
FW15	150Ø - 233.231 150Ø - 233.231	234.974	1.743	В	1.200	D400	E746.419 N4493.574
FW16	150Ø - 233.151 150Ø - 233.151	234.978	1.827	В	1.200	D400	E744.986 N4505.488
FW17	150Ø - 232.738 150Ø - 232.738	235.276	2.538	В	1.200	D400	E750.067 N4521.711
FW18	150Ø - 232.564 150Ø - 232.564	234.892	2.328	В	1.200	D400	E775.714 N4516.484
FW19	150Ø - 233.027	234.777	1.750	В	1.200	D400	E808.340 N4473.445
FW20	150Ø - 232.848 150Ø - 232.848	234.598	1.750	В	1.200	D400	E809.246 N4492.974
FW21	150Ø - 232.000 150Ø - 232.000 150Ø - 232.000	234.513	2.513	В	1.200	D400	E812.901 N4504.404
FW22	150Ø - 231.500 150Ø - 231.500	234.290	2.790	В	1.200	D400	E845.802 N4494.022
FW23	150Ø <i>-</i> 230.732 150Ø <i>-</i> 230.732	234.092	3.360	А	1.200	D400	E871.548 N4493.112

NOTE: B1 DENOTES DOUBLE COVER MANHOLE

## WHERE THE BASE (ROAD BASE) HAS BEEN USED AS A TEMPORARY RUNNING SURFACE DURING THE

CONTRACT IT SHALL BE THOROUGHLY CLEANED AND POWER WASHED AS NECESSARY. AFTER DRYING AND IMMEDIATELY BEFORE THE BINDER COURSE IS LAID A TACK COAT OF BITUMEN EMULSION CLASS A1-40 OR K1-40 TO BS434 SHALL BE APPLIED AT A RATE OF 0.35-0.55 LITRES/SQ METER. 2. ALL RADIUS KERBS WITH A RADIUS OF 12m OR LESS SHALL BE FORMED WITH PROPRIETARY RADIUS

CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION. ROADS & DRAINAGE
2. CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A

- SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE 3. THE TIME THAT EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES
- SHOULD BE SURROUNDED BY A BARRIER.
- 4. CONNECTIONS TO EXISTING SEWERS TO BE MADE BY APPROVED CONTRACTOR ONLY. 5. CONTRACTOR TO MAKE OPERATIVES AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS LEPTOSPIROSIS (WEILS DISEASE) AND RECOMMENDED PRECAUTIONS. ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
- CONTRACTOR TO OBTAIN ALL SERVICE RECORDS PRIOR TO WORKS COMMENCING. 8. SERVICE RECORDS TO BE REFERRED TO PRIOR TO WORK COMMENCING. CONTRACTOR TO PROCEED

6. UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH

WITH CAUTION AND SERVICES TO BE LOCATED BY HAND DIG AND PROTECTED ACCORDINGLY. EXCAVATION/FILL 9. CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE

DISTANCE FROM STEEP SLOPES DURING THE WORKS. 10. CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM

WORKING PLANT WHERE NECESSARY. 11. CONTRACTOR TO REFER TO GROUND INVESTIGATION REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.

## DRAINAGE NOTES

1. ALL ADOPTABLE DRAINAGE WORKS AND MATERIALS TO BE IN ACCORDANCE WITH "CODE FOR ADOPTION", THE RELEVANT BRITISH/EUROPEAN AND NORTHUMBRIAN WATER'S STANDARDS/REQUIREMENTS/ADDENDUM TO THE MECHANICAL AND ELECTRICAL SPECIFICATION AND

- 2. MANHOLE COVERS SHALL/MUST HAVE A CLEAR OPENING OF 600MM AND SHALL BE CLASS D400 TO BS EN 124 WITH 150MM DEEP FRAMES IN HIGHWAYS. 3. FILLED GROUND MUST BE FILLED AND CONSOLIDATED UNDER THE SUPERVISION AND TO THE
- SATISFACTION OF NORTHUMBRIAN WATER BEFORE ANY SEWER WORKS ARE CARRIED OUT. 4. ALL ADOPTABLE SEWERS TO BE KITEMARKED (CERTIFIED TO WIS 4-35-01 AND BS/EN13476).
- 5. PLASTIC CHANNEL SECTIONS IN MANHOLES ARE NOT ACCEPTABLE AND THE WATER AUTHORITY PREFER CLAYWARE CHANNEL IN MANHOLES. PLASTIC CHANNELS ARE DIFFICULT TO SET IN CONCRETE
- BECAUSE THEY FLOAT AND A SATISFACTORY FINISH CANNOT BE OBTAINED ON THE BENCHING. 6. SULPHATE RESISTANT CEMENT (C20-DC2) AND PRECAST CONCRETE PRODUCTS MUST BE USED OR A
- LABORATORY REPORT PROVIDED PROVING THAT SUCH PRECAUTIONS ARE NOT NECESSARY.
- 7. THE ADOPTABLE SEWERS SHOULD BE A MINIMUM OF 1M AND MANHOLES 0.5M FROM KERB FACES AND SERVICE MARGINS.
- 8. SEWERS MUST HAVE 5 METRES CLEARANCE FROM TREES AND HEDGES. 9. SEWERS TO BE LAID IN CLASS "S" BEDDING (150MM GRANULAR BED AND SURROUND). WHERE DEPTH OF COVER TO TOP OF THE SEWER IS LESS THAN 1.2M IN HIGHWAYS AND VERGES (OR LESS THAN 900MM IN
- NONE VEHICULAR ACCESS AREAS) THEN A CLASS 'Z' BEDDING(CONCRETE SURROUND) SHOULD BE PROVIDED.
- 10. BEDDING AND BACKFILL MATERIAL TO CONFORM TO THE REQUIREMENT OF WATER INDUSTRY
- SPECIFICATION 4-08-02 (TABLE A2). 11. THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION IN THEM MAY NEED TO BE
- INCREASED AN INCREMENT TO ACCOMMODATE THE CONNECTIONS AND BENDS. 12. ALL PRIVATE DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BUILDING REGULATIONS
- 2010 FDITION 13. CONTRACTOR TO ESTABLISH POSITION SIZE AND DEPTH OF ALL EXISTING SEWERS AND SERVICES PRIOR
- TO COMMENCEMENT ON SITE. 14. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT, AND
- TEMPORARY AND PERMANENT DIVERSION WORKS, AS NECESSARY TO ALL EXISTING SERVICES. 15. THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER WORKS.
- 16. THE CONTRACTOR SHALL ALLOW FOR KEEPING SEWER TRENCHES AND EXCAVATIONS AS DRY AS PRACTICABLE BY PUMPING FROM TEMPORARY SUMPS AND DEWATERING AS APPROPRIATE. THE POINT AND METHOD OF DISCHARGE TO BE AGREED WITH THE DRAINAGE AUTHORITY.
- 17. FOR PIPE SPECIFICATION PLEASE REFER TO ADDITIONAL NOTES. 18. VITRIFIED CLAY PIPES AND FITTINGS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN295 AND BS 65 RESPECTIVELY AND BE KITEMARKED. ALL PIPES SHALL BE EXTRA STRENGTH TO BS 65 OR
- EQUIVALENT BS EN295 PIPE CRUSHING STRENGTH. 19. STRUCTURED WALL PLASTIC PIPES TO WIS 4-35-01 MAY BE USED FOR FOUL & SURFACE WATER DRAINAGE, SUBJECT TO ADOPTING AUTHORITY APPROVAL. 20. PRECAST CONCRETE PRODUCTS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS 5911 AND BE
- KITEMARKED. CONCRETE PIPES TO BE CLASS 120 UNLESS NOTED OTHERWISE. 21. GULLY GRATES AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN124 AND BE OF A
- NON-ROCKING DESIGN WITH CAPTIVE HINGE ACCESS AND BE KITEMARKED. LOAD CLASS D400 FOR ROADS AND SERVICE YARD AREAS. CLASS C250 TO BE USED IN CAR PARKING AREAS. 22. BACKFILLING AND REINSTATEMENT TO TRENCHES IN PUBLIC HIGHWAYS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE ADOPTING AUTHORITY OR IN THE ABSENCE OF SUCH
- IN ACCORDANCE WITH THE REQUIREMENTS OF "THE STREET WORKS REGULATIONS 1992" AND RELEVANT PROVISIONS OF H.A.U.C. "SPECIFICATION FOR THE REINSTATEMENT OF OPENINGS IN HIGHWAYS" JUNE 1992, BOTH UNDER SECTION 71 OF THE NEW ROADS AND STREET WORKS ACT 1991. 23. ALL TRADITIONAL RAINWATER PIPE DOWN COMERS TO DISCHARGE TO TRAPPED GULLIES.
- 24. ALL ROAD GULLIES ARE TO BE TRAPPED GULLIES.
- 25. ALL GULLY LEADS TO BE 150mm DIAMETER.
- 26. ALL REDUNDANT EXISTING DRAINAGE TO BE GRUBBED UP OR GROUTED, ANY EXISTING LIVE DRAINAGE SHOULD BE REPORTED TO THE ENGINEER AND RECONNECTED. 27. ALL ROAD GULLIES & LEADS TO BE CLEARED OF DEBRIS UPON COMPLETION OF WORKS.
- 28. THE CONTRACTOR MUST ENSURE THAT ANY OF THE EXISTING DRAINAGE WHICH IS LIVE IS KEPT CLEAR OF DEBRIS AND SHOULD ALLOW FOR JETTING THROUGH THE NEW & EXISTING DRAINAGE UPON
- 29. CONTRACTOR TO TAKE MEASURES TO PROTECT HIS OPERATIVES WITH RESPECT TO THE PRESENCE OF GAS IN SEWER TRENCHES AND MANHOLES THROUGH THE USE OF GAS MONITORING EQUIPMENT AND BREATHING APPARATUS AS REQUIRED.
- CONTRACTOR TO APPLY FOR SEWER PERMITS AN APPROPRIATE AUTHORITIES, PRIOR TO COMMENCING WORKS.
- 31. ADOPTABLE PLASTIC SEWER PIPES TO BE LAID IN MAXIMUM 3m LENGTHS UNLESS THERE IS A SPECIFIC OPERATIONAL NEED TO LAY LONGER LENGTHS. 32. WHERE PLASTIC PIPES ARE INSTALLED PRIOR TO GETTING APPROVAL THEN A LIGHT LINE CCTV SURVEY
- AND REPORT ARE REQUIRED PRIOR TO APPROVAL. 33. WHERE A B125 COVER AND FRAME HAS BEEN APPROVED, THIS MUST NOT BE COATED IN PLASTIC AND MUST HAVE LIFTING EYES SUITABLY SIZED TO ACCOMMODATE STANDARD LIFTING KEYS. SCREW DOWN COVERS ARE NOT ACCEPTABLE.
- 34. THERE SHOULD BE ENOUGH CLEARANCE TO ACCOMMODATE THE BEDDING FOR BOTH PIPES, APPROX 300MM: IF CROSSOVER IS NEAR THE ROCKER THEN THE CLEARANCE NEEDED MAY BE INCREASED 35. THE MINIMUM CRUSHING STRENGTH FOR CLAY PIPES SHOULD BE AS FOLLOWS: 100MM DIA. 40KN/M,
- 150MM DIA. 40KN/M, 225MM DIA. 45KN/M AND 300MM DIA. 72KN/M. THE MINIMUM CRUSHING STRENGTH FOR CONCRETE PIPES SHOULD BE - (CLASS 120 TO EN 1916/BS5911-1 2002). PLASTIC PIPES SHOULD CONFORM TO WIS 4-35-01 AND BS EN 13476.

SPECIFICATION FOR HIGHWAY WORKS (SHW)		08.02.24	REVISED TO SUIT UPDATED SUDS BASIN LOCATION	KL	AE	2		
LOCAL AUTHORITY DESIGN GUIDE AND SPECIFICATION		05.02.24	FIRST ISSUE	RL	AE	1		
PRIOR TO COMMENCING WORKS THE CONTRACTOR SHOULD INVESTIGATE AND LOCATE AS NECESSARY ANY STATUTORY UNDERTAKERS EQUIPMENT WITHIN THE NEW ACCESS AND DISCUSS		Date	Revisions	Drawn	Checked	Rev		
REQUIREMENTS FOR LOWERING/DIVERSION AND PROTECTION WITH THE REW ACCESS AND DISCUSS REQUIREMENTS FOR LOWERING/DIVERSION AND PROTECTION WITH THE RELEVANT UNDERTAKER. ALL WORKS WITHIN THE PUBLIC HIGHWAY TO MEET LOCAL AUTHORITY REQUIREMENTS. CONTRACTOR TO APPLY FOR ROAD OPENING NOTICES ETC AS REQUIRED.  CBR VALUE NOT AVAILABLE. ROAD CONSTRUCTION DETAIL SUBJECT TO CONFIRMATION OF CBR VALUES. CONTRACTOR TO ALLOW FOR LAB TESTS TO BE UNDERTAKEN IN AGREEMENT WITH LOCAL AUTHORITY HIGHWAY ENGINEER PRIOR TO WORKS COMMENCING. PROPOSED LEVELS HAVE BEEN BASED ON THE EXISTING TOPOGRAPHICAL SURVEY PROVIDED BY THE CLIENT PROPOSED DRAWING BASED ON THE LATEST ARCHITECTURAL LAYOUT PROVIDED BY THE CLIENT. SLOPES GREATER THAN 1 IN 6 MAY REQUIRE STABILISATION. GEOTECHNICAL ENGINEER TO BE CONTACTED TO CONFIRM REQUIREMENTS		Dwg Status SCHEMATIC						
			NORTH EAST 0191 2585632	V	0			
RAINAGE NOTES:			YORKSHIRE CONSULTING 0113 535 3500	ENGIN	EERS			
ALL PIPES 100Ø UNLESS OTHERWISE STATED.  ALL PRIVATE TO ADOPTABLE CONNECTIONS 150Ø UNLESS OTHERWISE STATED.  ALL PRIVATE TO ADOPTABLE CONNECTIONS 150Ø UNLESS OTHERWISE STATED.  ALL INTERNAL PLOT DRAINAGE REQUIRES CONFIRMATION PRIOR TO CONSTRUCTION.  CONTRACTOR TO CONFIRM MH COVER & INVERT LEVEL OF PROPOSED CONNECTION POINT PRIOR  TO CONSTRUCTION. ANY VARIATION TO BE REPORTED TO ENGINEER.  THE INVERT LEVEL OF THE EXISTING SEWERS ARE TO BE VERIFIED PRIOR TO COMMENCEMENT OF  ANY DRAINAGE WORKS. ANY DISCREPANCY MUST BE NOTIFIED TO THE ENGINEER.		Client ${\sf P}$	WWW.RWG INFO@RWG					

REGENTS PARK, PHASE 6

ADOPTABLE MANHOLE SCHEDULES

DO NOT SCALE Scale @ A1: NTS Drawn RL Date 05.02.24 Checked AE

SUBJECT TO WATER AUTHORITY **APPROVAL** 

ALL WORKS TO COMPLY WITH CURRENT VERSION OF THE FOLLOWING DOCUMENTS:

. ALL PROPOSED FILTER DRAINS TO CONNECT BACK INTO PLOT DRAINAGE.

PRIOR TO CARRYING OUT ANY WORKS TO THE EXISTING WATERCOURSE.

ANY DRAINAGE WORKS. ANY DISCREPANCY MUST BE NOTIFIED TO THE ENGINEER. EXISTING MANHOLES TO BE MODIFIED TO ACCOMMODATE THE PROPOSED LATERAL CONNECTIONS. CONTRACTOR TO APPLY TO THE WATER AUTHORITY FOR THE SECTION 106 APPROVAL TO MAKE THE CONNECTIONS. PIPES ARE TO BE LAID WITH COMMON INVERT LEVELS.

ALL PIPES CONNECTIONS TO BE SOFFIT TO SOFFIT UNLESS STATED OTHERWISE. REFER TO

. STONE FILLED LAND DRAINS REQUIRED IN BACK GARDENS WHERE FALLING TOWARDS PROPERTY FLOOD DEFENSE WORKS APPLICATION OR EQUIVALENT TO BE MADE TO THE LOCAL AUTHORITY

DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB) SPECIFICATION FOR HIGHWAY WORKS (SHW) LOCAL AUTHORITY DESIGN GUIDE AND SPECIFICATION

ALL STUB PIPES ARE TO BE CAPPED.

MANHOLE SCHEDULE FOR FURTHER INFORMATION.

DRAINAGE NOTES: