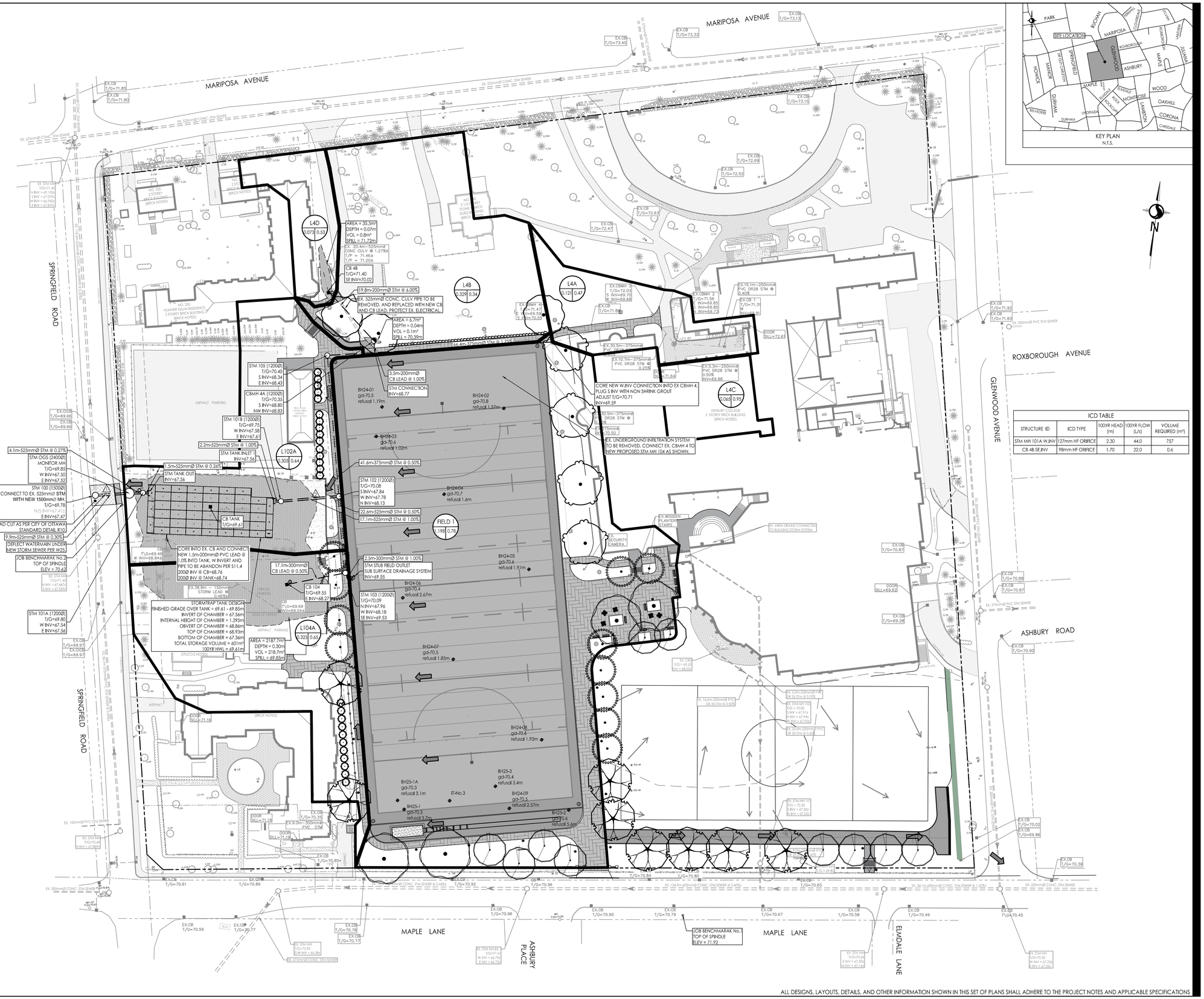

MARIPOSA AVENUE
SPRINGFIELD ROAD
ROXBOROUGH AVENUE
GLENWOOD AVENUE
ASHBURY ROAD
MAPLE LANE
ASHBURY PLACE
ELMDALE LANE
L4D 0.073 0.53
L4B 0.329 0.34
L4A 0.121 0.47
L4C 0.065 0.95
L102A 0.308 0.64
L104A 0.525 0.65
FIELD 1 1.198 0.78
AREA = 35.3m² DEPTH = 0.07m VOL = 0.8m³ SPILL = 71.72m
AREA = 6.7m² DEPTH = 0.04m VOL = 0.1m³ SPILL = 70.39m
AREA = 2187.7m² DEPTH = 0.30m VOL = 218.7m³ SPILL = 69.85m
EX. 525mmØ CONC. CULV PIPE TO BE REMOVED, AND REPLACED WITH NEW CB AND CB LEAD. PROJECT EX. ELECTRICAL
EX. 20.4m–525mmØ CONC CULV @ 1.27%± T/P = 71.46± T/P = 71.20±
CB 4B T/G=71.40 SE INV=70.02
19.8m-200mmØ STM @ 6.00%
3.5m-200mmØ CB LEAD @ 1.00%
STM CONNECTION INV=68.77
CORE NEW W INV CONNECTION INTO EX CBMH 4, PLUG S INV WITH NON SHRINK GROUT ADJUST T/G=70.71 INV=69.59
EX. UNDERGROUND INFILTRATION SYSTEM TO BE REMOVED. CONNECT EX. CBMH 4 TO NEW PROPOSED STM MH 104 AS SHOWN.
41.6m-375mmØ STM @ 0.50%
22.6m-525mmØ STM @ 0.50%
17.1m-525mmØ STM @ 1.00%
2.5m-300mmØ STM @ 1.00%
STM STUB FIELD OUTLET SUB SURFACE DRAINAGE SYSTEM INV=69.55
17.1m-300mmØ CB LEAD @ 0.50%
CB 104 T/G=69.55 E INV=68.27
CORE INTO EX. CB AND CONNECT NEW 1.5m-200mmØ PVC LEAD @ 1.0% INTO TANK. W INVERT AND PIPE TO BE ABANDON PER S11.4 200Ø INV @ CB=68.76 200Ø INV @ TANK=68.74
STORMTRAP TANK DESIGN FINISHED GRADE OVER TANK = 69.61 - 69.85m INVERT OF CHAMBER = 67.56m INTERNAL HEIGHT OF CHAMBER = 1.295m OBVERT OF CHAMBER = 68.86m TOP OF CHAMBER = 68.93m BOTTOM OF CHAMBER = 67.36m TOTAL STORAGE VOLUME = 601m³ 100YR HWL = 69.61m
STM 105 (1200Ø) T/G=70.40 S INV=68.34 E INV=68.45
CBMH 4A (1200Ø) T/G=70.35 S INV=68.80 NW INV=68.83
STM 101B (1200Ø) T/G=69.75 W INV=67.58 E INV=67.61
STM TANK INLET INV=67.56
STM TANK OUT INV=67.56
CB TANK T/G=69.61
4.1m-525mmØ STM @ 0.27%
2.2m-525mmØ STM @ 1.00%
1.5m-525mmØ STM @ 0.26%
STM OGS (2400Ø) MONITOR MH T/G=69.85 W INV=67.50 E INV=67.52
STM 100 (1500Ø) CONNECT TO EX. 525mmØ STM WITH NEW 1500mmØ MH. T/G=69.78 N/S INV=67.41 E INV=67.47
ROAD CUT AS PER CITY OF OTTAWA STANDARD DETAIL R10
9.9m-525mmØ STM @ 0.30%
DEFECT WATERMAIN UNDER NEW STORM SEWER PER W25
JOB BENCHMARAK NO.2 TOP OF SPINDLE ELEV = 70.62
STM 101A (1200Ø) T/G=69.80 W INV=67.54 E INV=67.56
JOB BENCHMARAK NO. TOP OF SPINDLE ELEV = 71.92
BH24-01 gd=70.5 refusal 1.19m
BH24-02 gd=70.8 refusal 1.57m
BH24-03 gd=70.6 refusal 1.02m
BH24-04 gd=70.7 refusal 1.6m
BH24-05 gd=70.6 refusal 1.91m
BH24-06 gd=70.4 refusal 2.67m
BH24-07 gd=70.5 refusal 1.85m
BH24-08 gd=70.6 refusal 1.93m
BH25-1A gd=70.3 refusal 3.1m
BH25-1 gd=70.3 refusal 3.7m
BH25-2 gd=70.6 refusal 5.66m
BH25-3 gd=70.4 refusal 3.4m
BH24-09 gd=70.5 refusal 2.57m
IT-No.3
EX.CBMH 3 T/G=72.03 S INV=69.70 W INV=69.68
EX.CBMH 4 T/G=71.43 S INV=69.59 S INV=70.55
EX.CBMH 2 T/G=71.56 E INV=69.85 N INV=69.85 E INV=69.73
EX.CB 1 T/G=71.31 INV=69.91
EX.15.1m–250mmØ PVC DR28 STM @ 0.40%
EX.5.3m–250mmØ PVC DR28 STM @ 0.50% INV=69.88
EX.10.7m–375mmØ PVC DR28 STM @ 0.25%
EX.30.5m–375mmØ PVC DR28 STM @ 0.25%
EX.375mmØ PVC DR28 STM @ 0.25%
EX.CB T/G=71.64
EX.CB T/G=71.92
EX.CB T/G=71.83
EX. 300mmØ PVC STM SEWER
EX.CB T/G=72.69
EX.CB T/G=72.52
EX.CB T/G=72.63
EX.CB T/G=72.47
EX.CB T/G=73.15
EX.CB T/G=73.45
EX.CB T/G=73.33
EX.CB T/G=73.13
EX.CB T/G=71.85
EX.CB T/G=71.80
EX. 525mmØ CONC. STM SEWER
EX. 675mmØ CONC. STM SEWER
EX. 375mmØ PVC STM SEWER
EX. 600mmØ CONC. STM SEWER
EX. 300mmØ PVC STM SEWER
EX. 104.9m-600mmØ CONC. STM SEWER @ 0.40%
EX. 84.1m-600mmØ CONC. STM SEWER @ 1.42%
EX. 100mmØ PVC STM SEWER
EX. 450mmØ CONC. STM SEWER @ 0.44%
EX. 375mmØ CONC. STM SEWER
EX. STM MH T/G=71.40 N INV = 69.10± S INV = 67.05± W INV = 66.93± E INV = 67.80±
EX. STM MH T/G=71.40 N INV = 67.44± E INV = 67.55±
EX. STM MH T/G=71.18 E INV = 67.38±
EX. STM MH T/G=70.49 N INV = 67.89±
EX. STM MH T/G=70.93 E/W INV = 66.38±
EX. STM MH T/G=71.01 W INV = 66.70± E INV = 66.75±
EX. STM MH T/G=70.90 E INV = 67.20± W INV = 67.14±
EX. STM MH T/G=70.90 W INV = 67.32± E INV = 67.38±
EX. 9.0m–300mmØ PVC STM
EX. 16.6m-200mmØ PVC DR 35 STM @ 0.70%
EX. 5.0m-250mmØ PVC DR 35 STM @ 0.70%
EX. 13.0m-250mmØ PVC DR 35 STM @ 0.60%
EX. STM MH T/G = 70.30 S INV = 67.50± N INV = 67.55±
EX. STM MH T/G = 70.30 E INV = 67.50± W INV = 67.55±
EX. STM MH T/G=70.10 S INV = 67.94± N INV = 67.55±
EX. CBMH T/G = 69.85 E INV = 68.03±
EX. AREA DRAINS CONNECTED TO BUILDING STORM SYSTEM
EX. WOODEN PLANTER STAIRS
EX. SECURITY CAMERA
EX. CB T/G = 69.55 INV = 68.03±
EX.CB T/G=70.87
EX.CB T/G=69.28
EX.CB T/G=70.88
EX.CB T/G=70.87
EX.CB T/G=70.90
EX.CB T/G=70.02
EX.CB T/G=69.86
EX.CB T/G=70.39
EX.CB T/G=70.84
EX.CB T/G=70.80
EX.CB T/G=70.65
EX.CB T/G=70.96
EX.CB T/G=70.92
EX.CB T/G=70.89
EX.CB T/G=70.61
EX.CB T/G=70.59
EX.CB T/G=70.77
EX.CB T/G=70.78
EX.CB T/G=70.77
EX.CB T/G=70.96
EX.CB T/G=70.90
EX.CB T/G=70.79
EX.CB T/G=70.67
EX.CB T/G=70.58
EX.CB T/G=70.49
EX.CB T/G=70.45
EX.CB T/G=69.97
EX.CB T/G=69.97
EX.CB T/G=69.66
EX.CB T/G=69.66
EX.CB T/G=69.48 W INV=68.84±
DOOR SILL=72.81
DOOR SILL=72.67
DOOR SILL=71.16
DOOR SILL=71.18
DOOR SILL=71.19
DOOR SILL=69.62
DOOR SILL=71.64
NO. 320 2 STOREY BRICK BUILDING (BRICK NOTED)
NO. 330 2 STORY BRICK BUILDING (BRICK NOTED)
HEATHER GLEN RESIDENCE 2 STOREY BRICK BUILDING (BRICK NOTED)
ASHBURY COLLAGE 2 STOREY BRICK BUILDING (BRICK NOTED)
ASPHALT PARKING
GRAVEL PATHWAY
STUCCO NOTED
ASPHALT
CONCRETE
GRASS
LANDSCAPED AREA
EX. 1.5m – 150mm STORM LEAD @ 0.65%
EX. 38.5m – 150mm STORM LEAD @ 0.65%
EX. 1.5m – 150mm STORM LEAD @ 0.65%
EX. 1.5m – 150mm STORM LEAD @ 0.65%
EX. 1