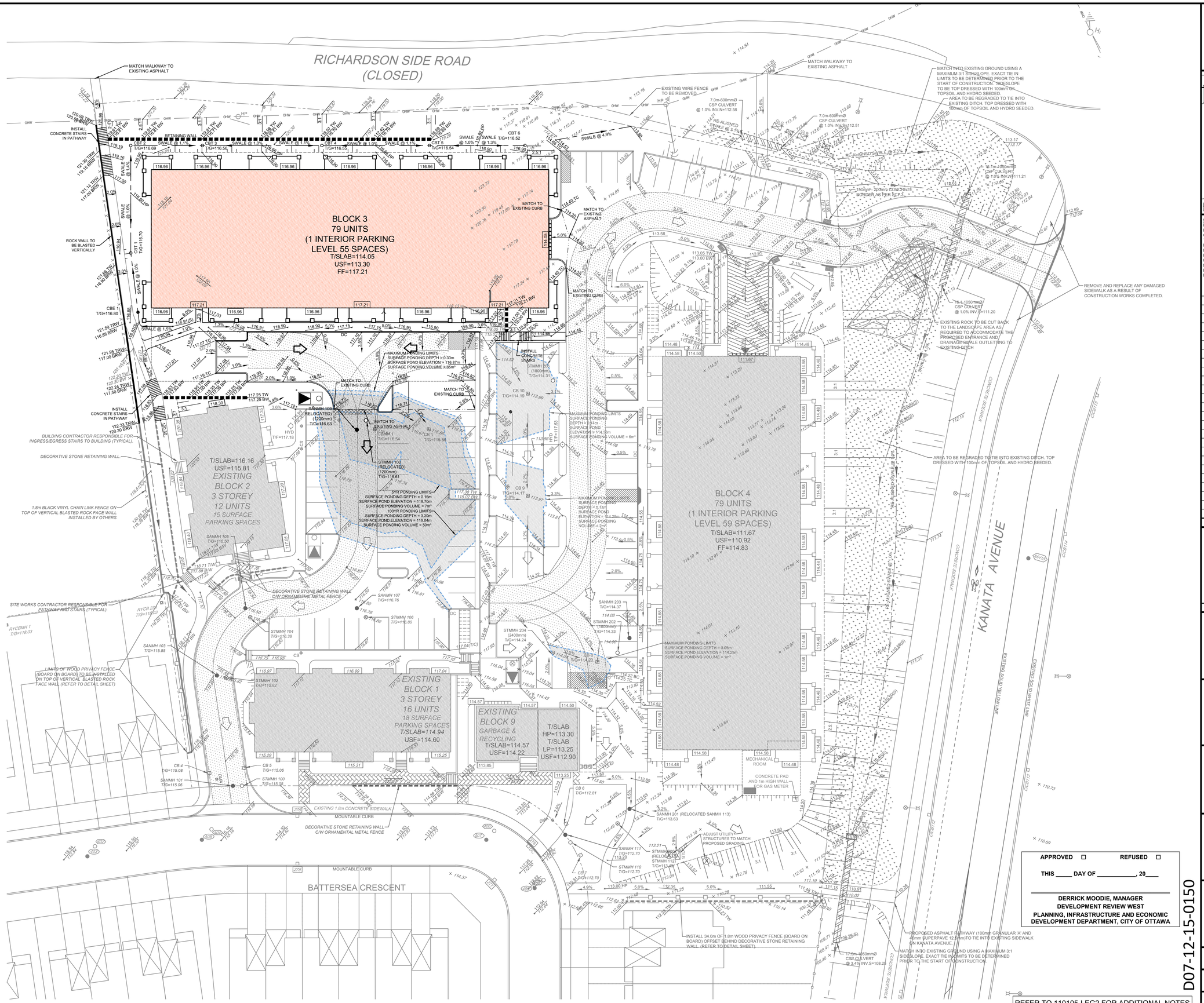
RICHARDSON SIDE ROAD
(CLOSED)
BLOCK 3
79 UNITS
(1 INTERIOR PARKING
LEVEL 55 SPACES)
T/SLAB=114.05
USF=113.30
FF=117.21
BLOCK 4
79 UNITS
(1 INTERIOR PARKING
LEVEL 59 SPACES)
T/SLAB=111.67
USF=110.92
FF=114.83
EXISTING
BLOCK 2
3 STOREY
12 UNITS
15 SURFACE
PARKING SPACES
T/SLAB=116.16
USF=115.81
EXISTING
BLOCK 1
3 STOREY
16 UNITS
18 SURFACE
PARKING SPACES
T/SLAB=114.94
USF=114.60
EXISTING
BLOCK 9
GARBAGE &
RECYCLING
T/SLAB=114.57
USF=114.22
T/SLAB
HP=113.30
T/SLAB
LP=113.25
USF=112.90
MECHANICAL
ROOM
CONCRETE PAD
AND 1m HIGH WALL
FOR GAS METER
KANATA AVENUE
BATTERSEA CRESCENT
MATCH WALKWAY TO
EXISTING ASPHALT
RETAINING WALL
ROCK WALL TO
BE BLASTED
VERTICALLY
INSTALL
CONCRETE STAIRS
IN PATHWAY
BUILDING CONTRACTOR RESPONSIBLE FOR
INGRESS/EGRESS STAIRS TO BUILDING (TYPICAL)
DECORATIVE STONE RETAINING WALL
1.8m BLACK VINYL CHAIN LINK FENCE ON
TOP OF VERTICAL BLASTED ROCK FACE WALL
INSTALLED BY OTHERS
SITE WORKS CONTRACTOR RESPONSIBLE FOR
PATHWAY AND STAIRS (TYPICAL)
LIMITS OF WOOD PRIVACY FENCE
(BOARD ON BOARD) TO BE INSTALLED
ON TOP OF VERTICAL BLASTED ROCK
FACE WALL (REFER TO DETAIL SHEET)
DECORATIVE STONE RETAINING WALL
C/W ORNAMENTAL METAL FENCE
EXISTING 1.8m CONCRETE SIDEWALK
MOUNTABLE CURB
MATCH TO
EXISTING CURB
MATCH TO
EXISTING ASPHALT
EXISTING WIRE FENCE
TO BE REMOVED
7.0m-600mmØ
CSP CULVERT
@ 1.0% INV.IN=112.58
RE-ALIGNED
SWALE @ 3.1%
7.0m-600mmØ
CSP CULVERT
@ 1.0% INV.IN=112.51
MATCH INTO EXISTING GROUND USING A
MAXIMUM 3:1 SIDESLOPE. EXACT TIE IN
LIMITS TO BE DETERMINED PRIOR TO THE
START OF CONSTRUCTION. SIDESLOPE
TO BE TOP DRESSED WITH 100mm OF
TOPSOIL AND HYDRO SEEDED.
AREA TO BE REGRADED TO TIE INTO
EXISTING DITCH. TOP DRESSED WITH
100mm OF TOPSOIL AND HYDRO SEEDED.
150mm - 200mm CONCRETE
BORDER AS PER SCP 3
16.1m-450mmØ
CSP CULVERT
@ 1.0% INV.IN=111.21
16-L-1050mmØ
CSP CULVERT
@ 1.0% INV.IN=111.20
EXISTING ROCK TO BE CUT BACK
TO THE LANDSCAPE AREA AS
REQUIRED TO ACCOMMODATE THE
PROPOSED ENTRANCE AND
DRAINAGE SWALE OUTLETTING TO
EXISTING DITCH
REMOVE AND REPLACE ANY DAMAGED
SIDEWALK AS A RESULT OF
CONSTRUCTION WORKS COMPLETED.
AREA TO BE REGRADED TO TIE INTO EXISTING DITCH. TOP
DRESSED WITH 100mm OF TOPSOIL AND HYDRO SEEDED.
ADJUST UTILITY
STRUCTURES TO MATCH
PROPOSED GRADING
INSTALL 34.0m OF 1.8m WOOD PRIVACY FENCE (BOARD ON
BOARD) OFFSET BEHIND DECORATIVE STONE RETAINING
WALL (REFER TO DETAIL SHEET)
PROPOSED ASPHALT PATHWAY (100mm GRANULAR 'A' AND
40mm SUPERPAVE 12.5mm)TO TIE INTO EXISTING SIDEWALK
ON KANATA AVENUE
MATCH IN TO EXISTING GROUND USING A MAXIMUM 3:1
SIDESLOPE. EXACT TIE IN LIMITS TO BE DETERMINED
PRIOR TO THE START OF CONSTRUCTION.
17.5m-1050mmØ
CSP CULVERT
@ 3.4% INV.S=108.25
MAXIMUM PONDING LIMITS
SURFACE PONDING DEPTH = 0.33m
SURFACE POND ELEVATION = 116.87m
SURFACE PONDING VOLUME = 65m³
MAXIMUM PONDING LIMITS
SURFACE PONDING
DEPTH = 0.14m
SURFACE POND
ELEVATION = 114.00m
SURFACE PONDING VOLUME = 6m³
MAXIMUM PONDING LIMITS
SURFACE PONDING
DEPTH = 0.01m
SURFACE POND
ELEVATION = 114.26m
SURFACE PONDING
VOLUME = 2m³
MAXIMUM PONDING LIMITS
SURFACE PONDING DEPTH = 0.05m
SURFACE POND ELEVATION = 114.25m
SURFACE PONDING VOLUME = 1m³
5YR PONDING LIMITS
SURFACE PONDING DEPTH = 0.16m
SURFACE POND ELEVATION = 116.70m
SURFACE PONDING VOLUME = 7m³
100YR PONDING LIMITS
SURFACE PONDING DEPTH = 0.35m
SURFACE POND ELEVATION = 116.84m
SURFACE PONDING VOLUME = 50m³
STMMH 108
(RELOCATED)
(1200mm)
T/G=116.63
STMMH 109
(RELOCATED)
(1200mm)
T/G=116.61
STMMH 204
(2400mm)
T/G=114.24
STMMH 202
(1800mm)
T/G=114.33
STMMH 203
T/G=114.37
SANMH 201 (RELOCATED SANMH 113)
T/G=113.63
SANMH 111
T/G=112.70
STMMH 110
T/G=112.70
STMMH 112
T/G=112.48
SANMH 101
T/G=115.06
STMMH 100
T/G=115.08
CB 4
T/G=115.08
CB 5
T/G=115.06
CB 6
T/G=112.81
CB 7
T/G=112.70
CB 9
T/G=114.17
CB 10
T/G=114.19
CBE 1
T/G=116.80
SANMH 103
T/G=115.85
STMMH 104
T/G=116.38
STMMH 102
T/G=115.62
SANMH 105
T/G=115.90
SANMH 107
T/G=116.76
STMMH 106
T/G=116.80
RYCB 2
T/G=118.00
RYCBMH 1
T/G=118.03
SANMH 108
(RELOCATED)
(1200mm)
T/G=116.63
CB 1
T/G=116.54
CB 2
T/G=116.58
CB 3
T/G=116.55
CBT 1
T/G=116.70
CBT 4
T/G=116.55
CBT 5
T/G=116.54
CBT 6
T/G=116.52
SWALE @ 1.5%
SWALE @ 4.9%
SWALE @ 1.1%
SWALE @ 1.0%
SWALE @ 1.3%
SWALE @ 3.1%
SWALE @ 2.5%
SWALE @ 3.4%
SWALE @ 1.0%
SWALE @ 1.5%
SWALE @ 1.0%
SWALE @ 1.0%
SWALE @ 1.0