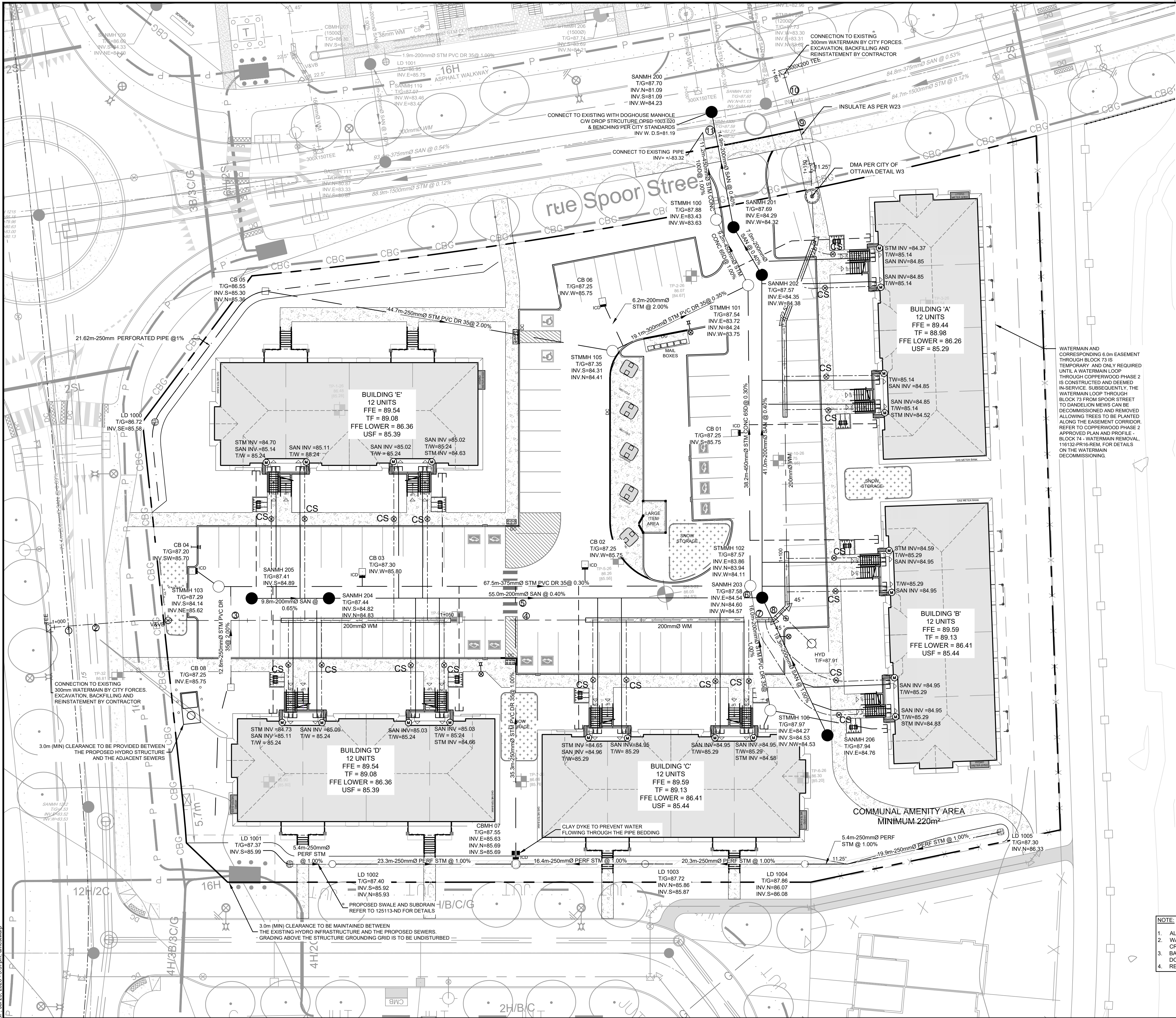




LEGEND

SITE PROPERTY LINE
MISC LEGAL LINE (EASEMENT, PROPERTY LINES)
REFER TO LEGAL PLAN FOR DETAILS
PROPOSED SIDEWALK
PROPOSED CURB
PROPOSED DEPRESSED CURB
SWALE c/w SUBDRAIN (WHEN BELOW 1.5%)
AND DIRECTION OF FLOW
PROPOSED SANITARY SEWER & MANHOLE
PROPOSED STORM SEWER & MANHOLE
PROPOSED CATCHBASIN MANHOLE
PROPOSED CATCHBASIN
PROPOSED INLET CONTROL DEVICE
PROPOSED LANDSCAPE DRAIN (ELBOW/TEE)
PROPOSED WATER MAIN
(REFER TO DWG 125113-ND FOR WATERMAIN TABLE)
PROPOSED HYDRANT c/w LEAD & VALVE
PROPOSED BEND AND THRUSTBLOCK
11.25", 22.5", 45" & TEE
PROPOSED CURB STOP
PROPOSED VALVE AND VALVE BOX
PROPOSED TOP OF BOTTOM FLANGE
DMA CHAMBER

PROPOSED BUILDING SERVICES
• 100mm STORM SERVICE
• 135mm SAN SERVICE
• 38mm WATER SERVICE

PROPOSED PIPE CROSSING
REFER TO 125113-ND FOR DETAILS

PROPOSED SEWER AND PIPE INSULATION PER S35

PROPOSED TRANSFORMER WITH BOLLARDS

PROPOSED LIGHTING (REFER TO ELECTRICAL PLANS FOR DETAILS)

PROPOSED BIKE RACK

PROPOSED WATER METER
REFER TO MECHANICAL FOR DETAILS

EXISTING DITCH CENTRELINE
EXISTING WATERMAIN
EXISTING HYDRANT
EXISTING SANITARY SEWER AND MANHOLE
EXISTING STORM SEWER AND MANHOLE
EXISTING CATCH-BASIN
FENCE BY OTHERS
EXISTING JOINT UTILITY
EXISTING HYDRO
EXISTING UTILITY CROSSINGS
EXISTING LIGHT STANDARD
EXISTING HYDRO INFRASTRUCTURE

BH-3-22
85.05
[84.83]
GROUND ELEVATION
[BEDROCK ELEVATION]
REFER TO GEOTECHNICAL REPORT FOR DETAILS

TP-8-26
85.90
[85.90]
TESTPIT LOCATION & ID
GROUND ELEVATION
[BEDROCK ELEVATION]
REFER TO GEOTECHNICAL REPORT FOR DETAILS

ICD SIZING AND FLOWS

STRUCTURE	ORIFICE ICD SIZE	ICD INVERT (m)	T/G (m)	100-yr HGL (m)	100-yr HEAD (m)	100-yr RELEASE RATE (L/s)
CB 01	102mm PLATE	85.75	87.25	87.44	1.64	28.50
CB 02	108mm PLATE	85.75	87.25	87.49	1.69	32.75
CB 03	102mm PLATE	85.80	87.30	87.49	1.67	28.75
CB 04	LMF 100	85.70	87.20	87.34	1.54	11.10
CB 06	83mm PLATE	85.75	87.25	87.36	1.56	18.40
CBMH 07	83mm PLATE	85.63	87.55	87.56	1.89	20.30

SANITARY MANHOLES THAT REQUIRE WATER TIGHT LIDS (PER OPSD 401.030)

MANHOLE ID
204

STORM MANHOLES THAT REQUIRE WATER TIGHT LIDS (PER OPSD 401.030)

MANHOLE ID
103
105

NOTE:

- ALL SERVICE CONNECTIONS AND CATCHBASIN CONNECTIONS TO BE MADE PER CITY OF OTTAWA DETAIL S1, S11 AND S11.2
- WATERMAIN AND ADJACENT SEWERS TO HAVE 2.5m MINIMUM CLEAR HORIZONTAL SEPARATION, AND 0.50m VERTICAL SEPARATION AT CROSSINGS
- BACKWATER VALVES TO BE PROVIDED ON ALL STORM AND SANITARY LATERALS AS PER CITY OF OTTAWA DETAILS S14, S14.1, AND S14.2. DOWNSTREAM OF ANY GRAVITY OUTLET FROM THE BUILDING. REFER TO MECHANICAL PLANS FOR DETAIL
- REFER TO MECHANICAL DRAWINGS FOR FURTHER DETAILS ON INTERNAL PLUMBING (TYP)

REFER TO 125113-ND1 FOR ADDITIONAL NOTES & DETAILS

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOT FOR CONSTRUCTION

No.	REVISION	DATE	BY
2.	REVISED PER CITY COMMENTS	JULY 23/2026	ARM
1.	ISSUED FOR SPA	APRIL 08/2026	ARM

SCALE

1:250

0 2 4 6 8 10

DESIGN

AM

CHECKED

ARM

DRAWN

AM

CHECKED

ARM

APPROVED

GJM

FOR REVIEW ONLY

PROFESSIONAL ENGINEER

A.R. MESTWARP

100201604

JULY 23/2026

PROVINCE OF ONTARIO

NOVATECH

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Facsimile (613) 254-5867

Website www.novatech-eng.com

LOCATION

1100 SPOOR STREET, CITY OF OTTAWA

COPPERWOOD ESTATES (BLOCK 73)

DRAWING NAME

GENERAL PLAN OF SERVICES

PROJECT No.

125113

REV

REV #2

DRAWING No.

125113-GP

CITY PLAN No. 19470

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CITY FILE No. D07-12-26-0035