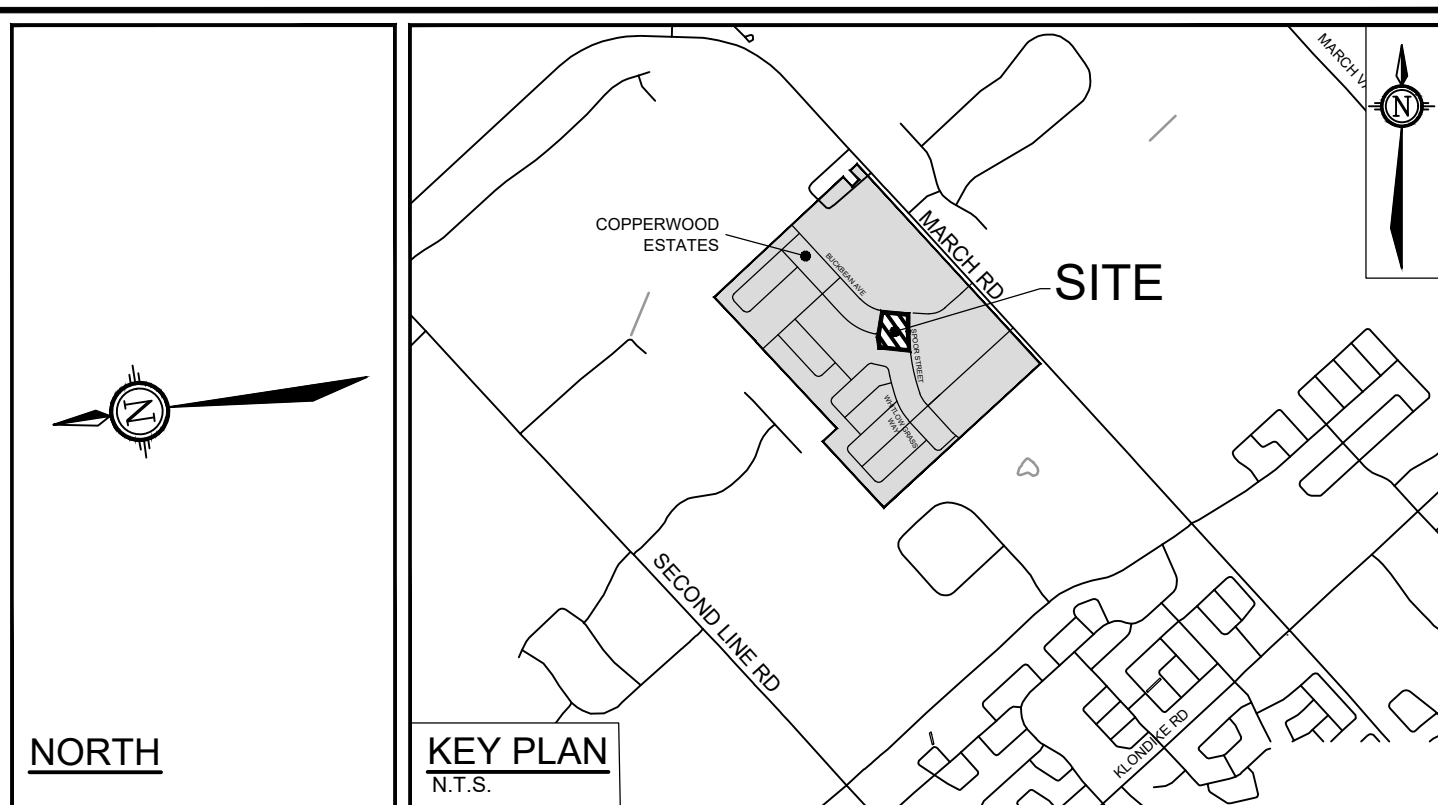
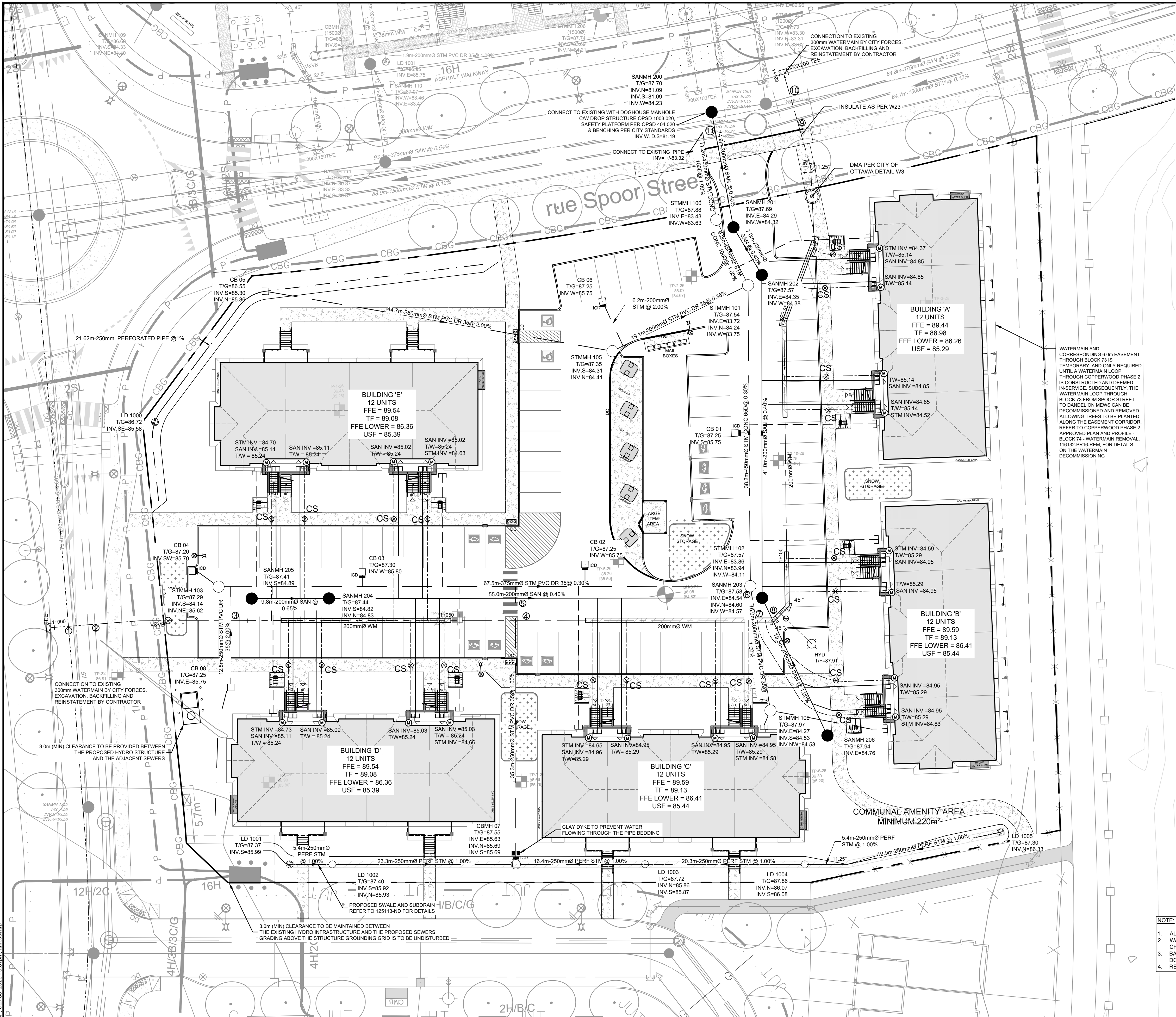




LEGEND

- 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° or TEE
- PROPOSED CURB STOP
- PROPOSED VALVE AND VALVE BOX
- PROPOSED TOP OF BOTTOM FLANGE
- DMA CHAMBER
- PROPOSED BUILDING SERVICES
 - 150mm STORM SERVICE (COLOR CODED WHITE)
 - 135mm SAN SERVICE (COLOR CODED GREEN)
 - 38mm WATER SERVICE c/w CURB STOP
- 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 BORE HOLE LOCATION & ID GROUND ELEVATION (BEDROCK ELEVATION) REFER TO GEOTECHNICAL REPORT FOR DETAILS
- TP-8-26 TEST PIT 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)

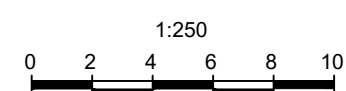
REFER TO 125113-ND1 FOR ADDITIONAL NOTES & DETAILS

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.

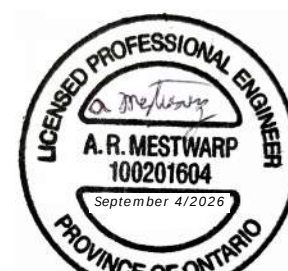
No.	REVISION	DATE	BY
3.	REVISED PER CITY COMMENTS	SEPT 04/2026	ARM
2.	REVISED PER CITY COMMENTS	JULY 23/2026	ARM
1.	ISSUED FOR SPA	APRIL 08/2026	ARM

SCALE

1:250



DESIGN	AM
CHECKED	ARM
DRAWN	AM
CHECKED	ARM
APPROVED	GJM



NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
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 #3

DRAWING NO.
125113-GP

CITY PLAN No. 19470