

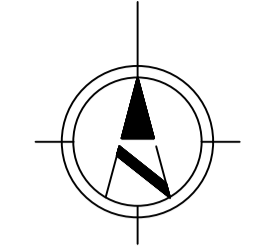


**CATTERALL & WRIGHT**  
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STREET NAME

SITE DESIGN C FACTOR		
TYPE	AREA (sq.m)	2 YR C
ASPHALT	4436	0.95
CONCRETE	400	0.95
LANDSCAPING	308	0.10
BUILDING	1807	0.95
TOTAL	6951	0.91

**STORM WATER RUNOFF STORAGE CALCULATIONS**

NOTE: STORAGE CALCULATIONS BASED ON COS DDSM ONSITE STORAGE REQUIREMENT.

Cd= 0.30 CITY OF SASKATOON DESIGN C FACTOR  
Cp= 0.91 SITE DESIGN C FACTOR  
A= 869-(200\*Cd)  
B= 33-(1055\*Cd)

REQUIRED STORAGE VOLUME (cu.m/ha) =  $A*(Cp-Cd)+B*(Cp-Cd)^2$   
VOLUME (cu.m) = 270

SURFACE STORAGE: 276 cu.m

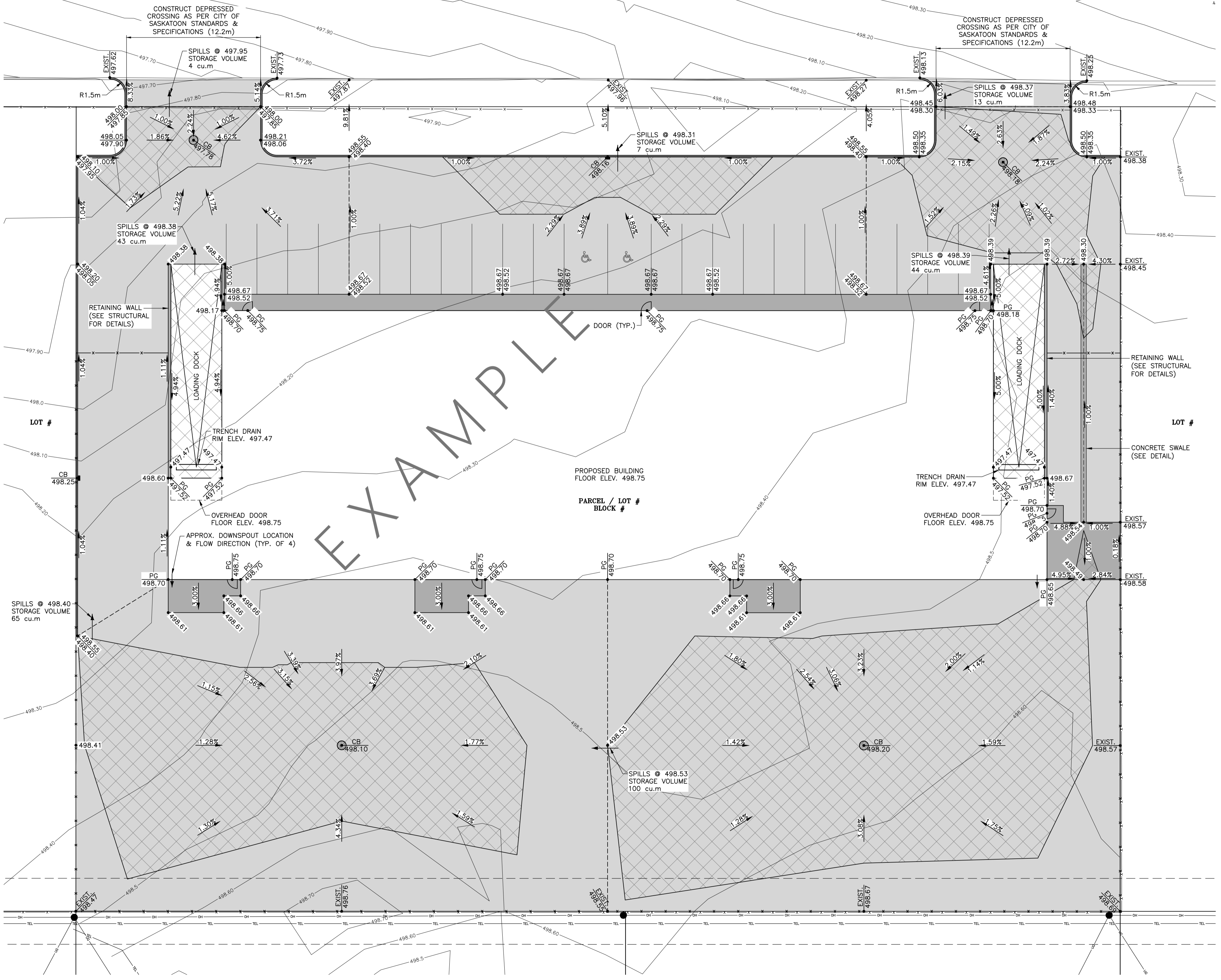
TOTAL STORAGE PROVIDED: 276 cu.m

**NOTES:**

- NOT ALL UTILITIES MAY BE SHOWN. ALL UTILITIES SHOWN ARE APPROXIMATE.
- ALL WORK TO BE CONSTRUCTED IN STRICT ACCORDANCE WITH CITY OF SASKATOON STANDARD DRAWINGS & SPECIFICATIONS.
- MATCH EXIST. ELEVATIONS ON ADJACENT & REAR PROPERTY LINES

**LEGEND:**

- > XXX.XX DRAINAGE DIRECTION
- XXX.XX EXISTING ELEVATION
- CB CATCH BASIN RIM ELEVATION
- PG PERIMETER GRADE
- XXX.XX TOP OF CONCRETE ELEVATION
- XXX.XX TOP OF ASPHALT ELEVATION
- XXX.XX DESIGN ELEVATION
- CATCH BASIN / CATCH BASIN MANHOLE
- CATCH BASIN IN CURB
- EXIST. POWER POLE
- RIDGE LINE
- FENCE
- BARRIER CURB
- EXIST. GROUND CONTOUR
- EXIST. OVERHEAD POWER LINE
- EXIST. UNDERGROUND POWER LINE
- EXIST. PHONE LINE
- EASEMENT
- CONCRETE
- ASPHALT AREA
- PONDING AREA



EXAMPLE

**SITE PLAN**

SCALE: 1:200

