

NOTES:

- 1 THE POSITION OF EXISTING POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES, STRUCTURES AND APPURTENANCES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SATISFY HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM DURING THE COURSE OF CONSTRUCTION. ANY RELOCATION OF EXISTING UTILITIES REQUIRED BY THE DEVELOPMENT OF SUBJECT LANDS IS TO BE UNDERTAKEN AT CONTRACTOR'S EXPENSE.
- 2 ALL STORM SEWER MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. PROVIDE CCTV INSPECTION REPORTS FOR ALL NEW STORM SEWERS.
- 3 STORM SEWERS 200mm DIAMETER SHALL BE PVC SDR-35, WITH RUBBER GASKET PER CSA A-257.3.
- 4 SEWER BEDDING AS PER CITY OF OTTAWA DETAIL S6.
- 5 ANY NEW OR EXISTING STORM SEWER WITH LESS THAN 2.0M COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22, OR APPROVED BY THE ENGINEER. ADD INSULATION ABOVE EXISTING STORM SEWER BETWEEN CBM109 AND CB114.
- 6 CB IN LANDSCAPE AREAS SHALL BE AS PER CITY OF OTTAWA STANDARD S29, S30 AND S31.

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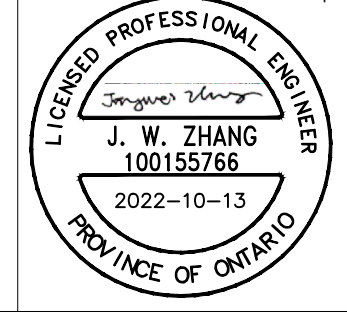
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LEGEND

83.24 x	EXISTING GRADE ELEVATION
CB	EXISTING CATCHBASIN
MH-ST	EXISTING MANHOLE
WV	EXISTING VALVE AND BOX
FH	EXISTING FIRE HYDRANT
ST	EXISTING STORM SEWER
S	EXISTING SANITARY SEWER
W	EXISTING WATERMAIN
82.82	PROPOSED GRADE ELEVATION
82.03TC 81.92	PROPOSED TOP AND BOTTOM OF CURB
TC82.82	PROPOSED TOP OF GRATE
1.8%	PROPOSED GRADE SLOPE
CB	PROPOSED CATCHBASIN
MH	PROPOSED MANHOLE
CB-MH	PROPOSED CATCHBASIN MANHOLE
STM	PROPOSED STORM SEWER
SAN	PROPOSED SANITARY SEWER
W	PROPOSED WATER SERVICE
FH	PROPOSED FIRE HYDRANT
SF	LIGHT DUTY SILT FENCE
FC	FILTER CLOTH
RD	PROPOSED ROOF DRAIN
---	PROJECT BOUNDARY
→	OVERLAND FLOW

1	ISSUED FOR SPA	2022-10-13
No.	Revision	Date



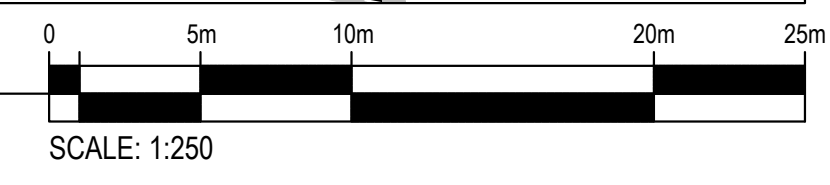
Project Title: IRIDIAN SPECTRAL TECHNOLOGIES
 2700 SWANSEA
 OTTAWA, ONTARIO.

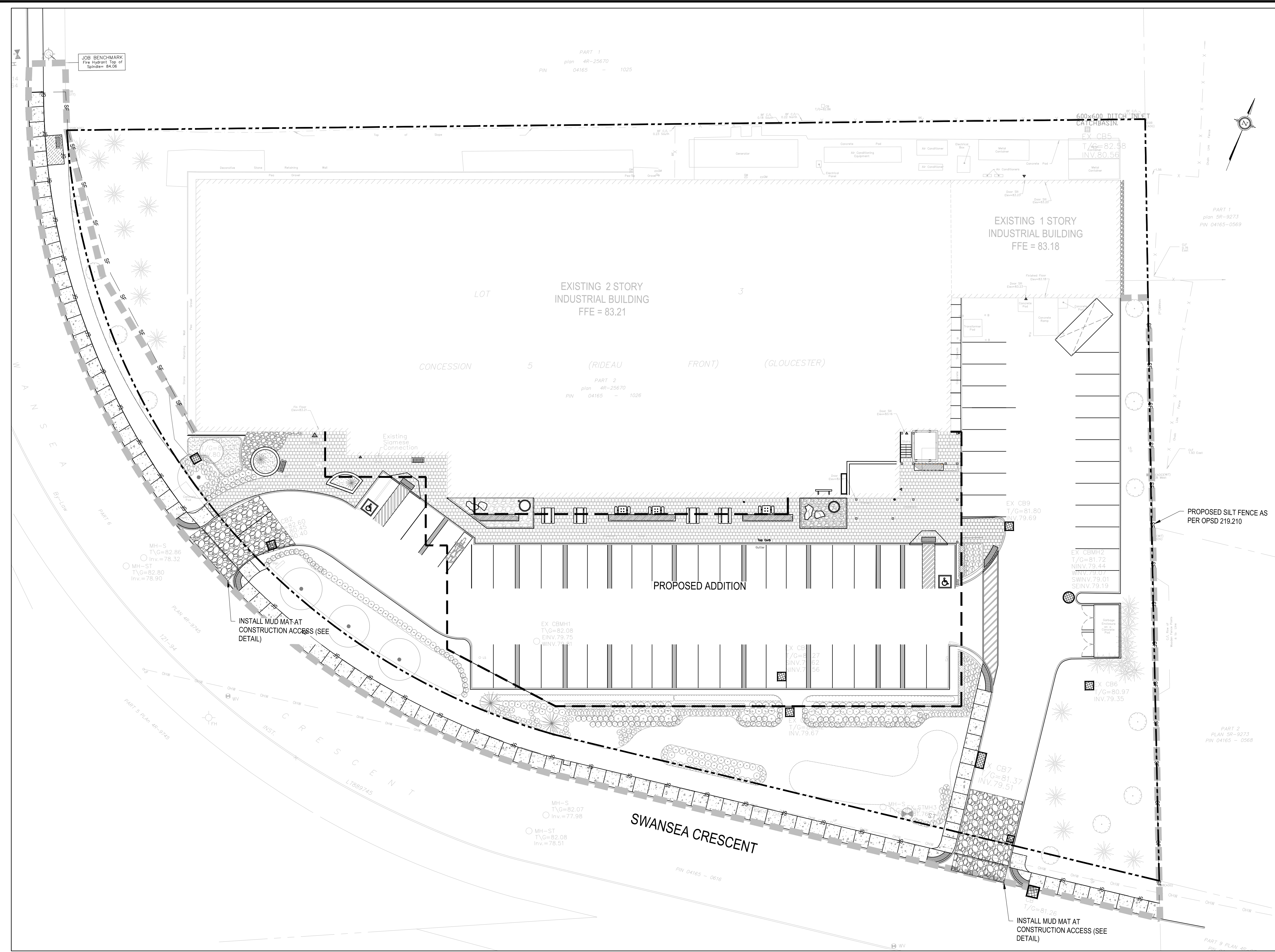
Drawing: SERVICING PLAN
 Design: Dessein

Designed by :	J.Z.	Conçu par
Date	OCTOBER 11 2022	
Drawn	B.N.	Dessiné
Date	OCTOBER 11 2022	
Approved	J.Z.	Approuvé
Date	OCTOBER 11 2022	
Project no.	221-02216-00	No. du projet

Scale: AS NOTED
 Echelle: C002

1 SERVICING PLAN
 C002 SCALE= 1:250





NOTES: EROSION AND SEDIMENT CONTROL
 ** CONTRACTOR IS RESPONSIBLE FOR ALL INSTALLATION, MONITORING, REPAIR AND REMOVAL OF ALL EROSION AND SEDIMENT CONTROL FEATURES. **

1. PRIOR TO START OF CONSTRUCTION:
 - 1.1. INSTALL SILT FENCE IN LOCATION SHOWN ON DWG C003.
 - 1.2. INSTALL FILTER FABRIC OR SILT BAG FILTERS IN ALL THE CATCHBASINS AND MANHOLES TO REMAIN DURING CONSTRUCTION WITHIN THE SITE (SEE TYPICAL DETAIL).
 - 1.3. INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.
2. DURING CONSTRUCTION:
 - 2.1. MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE AND IMPACTS TO EXISTING GRADING.
 - 2.2. PERIMETER VEGETATION TO REMAIN IN PLACE UNTIL PERMANENT STORM WATER MANAGEMENT IS IN PLACE. OTHERWISE, IMMEDIATELY INSTALL SILT FENCE WHEN THE EXISTING SITE IS DISTURBED AT THE PERIMETER.
 - 2.3. PROTECT DISTURBED AREAS FROM OVERLAND FLOW BY PROVIDING TEMPORARY SWALES TO THE SATISFACTION OF THE FIELD ENGINEER. TIE-IN TEMPORARY SWALE TO EXISTING CBS AS REQUIRED.
 - 2.4. PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED WITHIN 30 DAYS.
 - 2.5. INSPECT SILT FENCES, FILTER FABRIC FILTERS AND CATCH BASIN SLUMPS WEEKLY AND WITHIN 24 HOURS AFTER A STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY.
 - 2.6. DRAWINGS TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION.
 - 2.7. EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES.
 - 2.8. DO NOT LOCATE TOPSOIL PILES AND EXCAVATION MATERIAL CLOSER THAN 2.5m FROM ANY PAVED SURFACE, OR ONE WHICH IS TO BE PAVED BEFORE THE PILE IS REMOVED. ALL TOPSOIL PILES ARE TO BE SEEDED IF THEY ARE TO REMAIN ON SITE LONG ENOUGH FOR SEEDS TO GROW (LONGER THAN 30 DAYS).
 - 2.9. CONTROL WIND-BLOWN DUST OFF SITE BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED AND TO THE SATISFACTION OF THE ENGINEER).
 - 2.10. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE FIELD ENGINEER.
 - 2.11. CITY ROADWAY AND SIDEWALK TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR TRACKING AS REQUIRED.
 - 2.12. DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPPED.
 - 2.13. ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.
 - 2.14. TAKE ALL NECESSARY STEPS TO PREVENT BUILDING MATERIAL, CONSTRUCTION DEBRIS OR WASTE BEING SPILLED OR TRACKED ONTO ADJACENT PROPERTIES OR PUBLIC STREETS DURING CONSTRUCTION AND PROCEED IMMEDIATELY TO CLEAN UP ANY AREAS SO AFFECTED.
 - 2.15. ALL EROSION CONTROL STRUCTURE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
 - 2.16. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

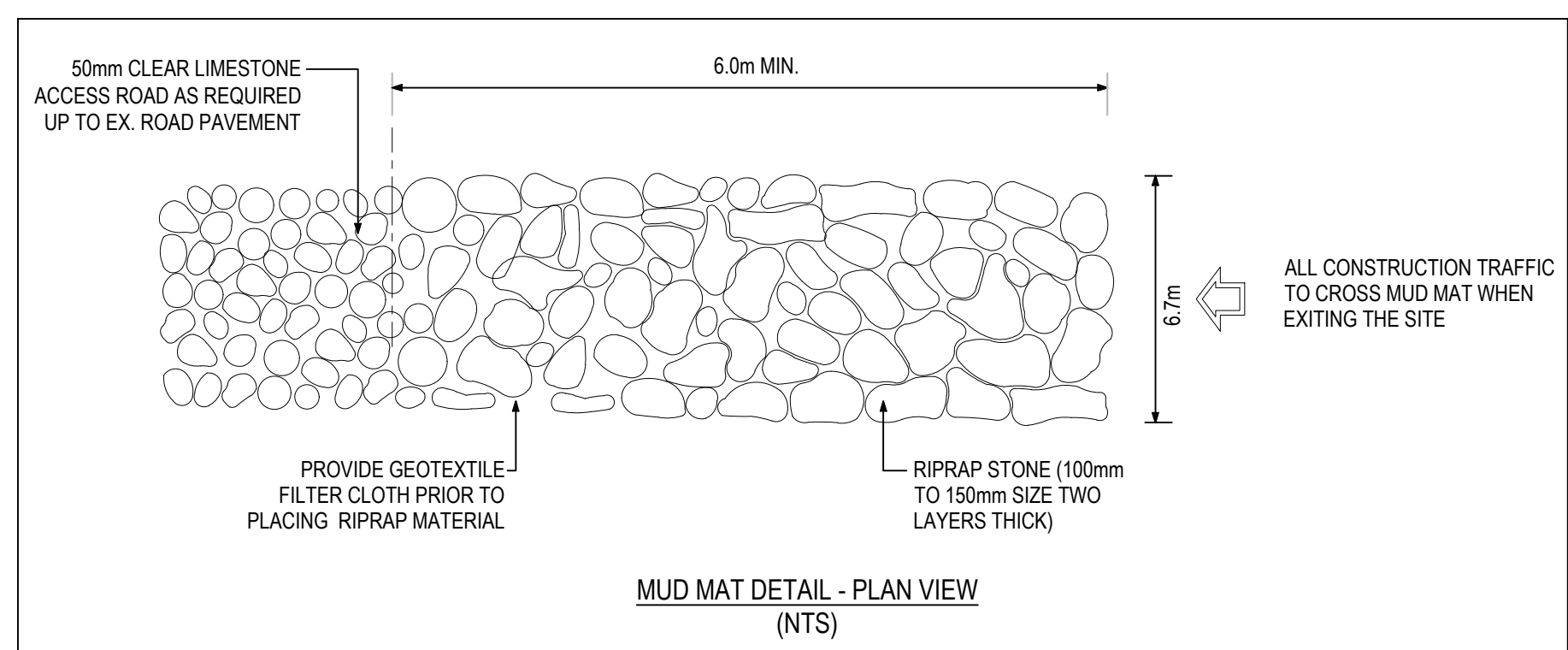
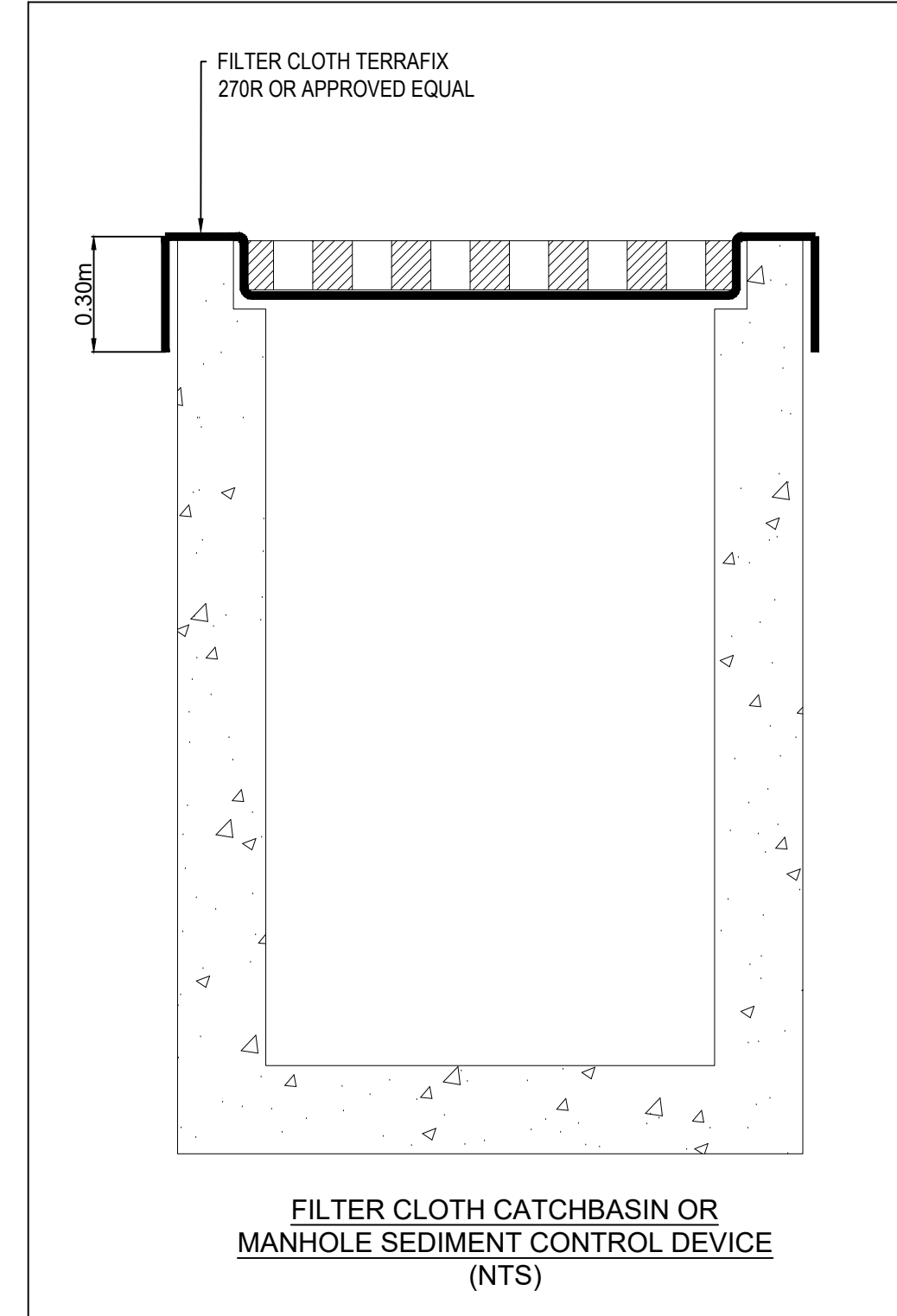
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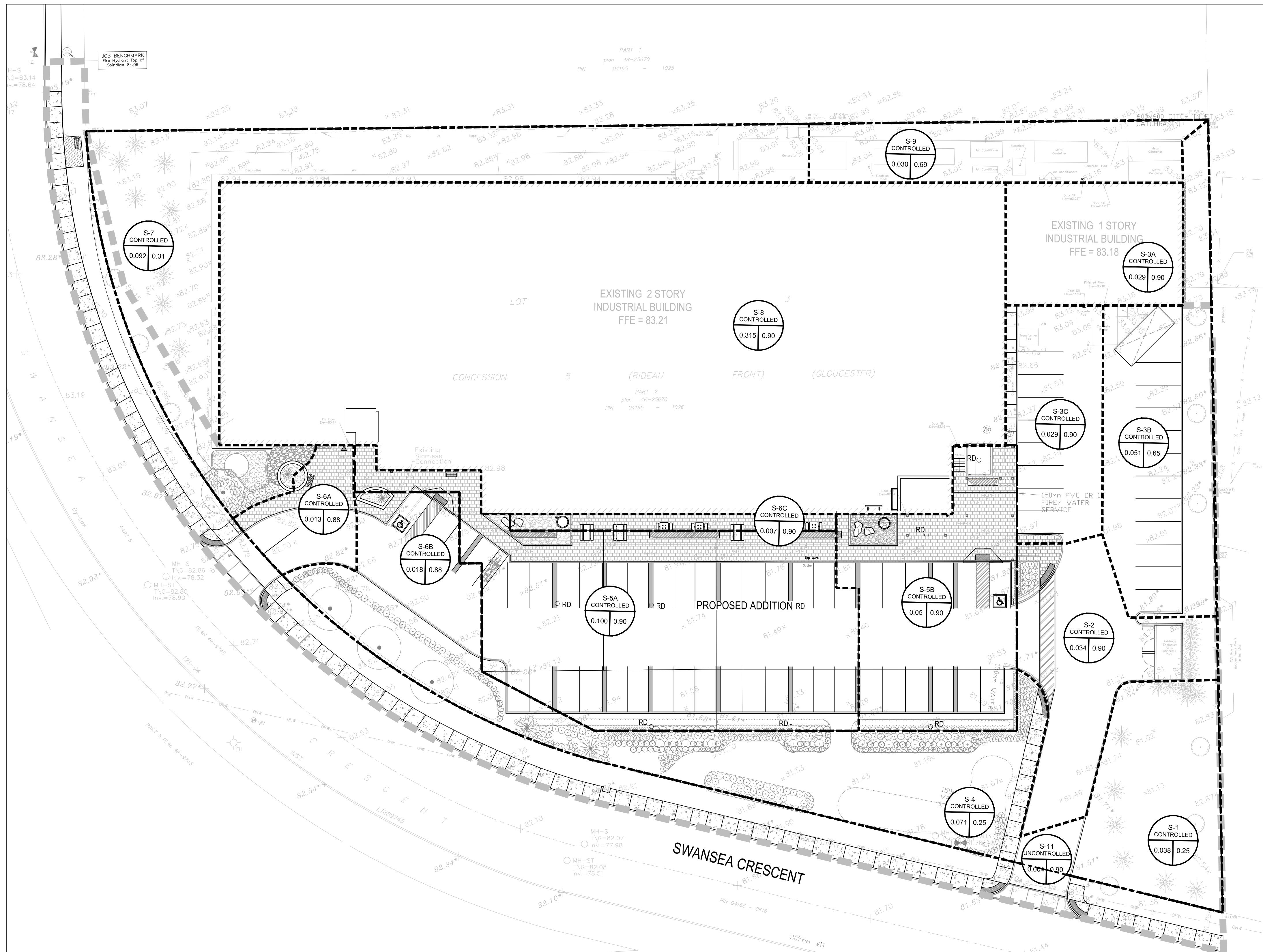
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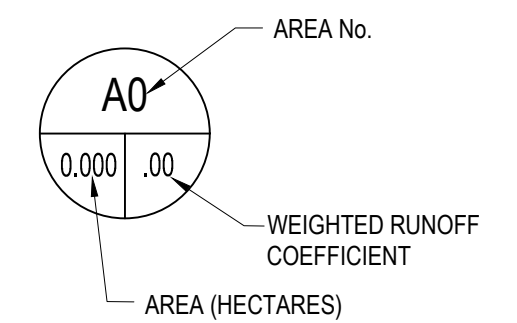
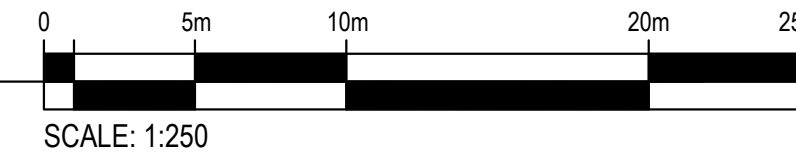


3 EROSION AND SEDIMENT CONTROL
 C003 SCALE= 1:250

1	ISSUED FOR SPA	2022-10-13
No.	Revision	Date
Project Title	Project	
IRIDIAN SPECTRAL TECHNOLOGIES 2700 SWANSEA OTTAWA, ONTARIO.		
Drawing	Dessin	
EROSION AND SEDIMENT CONTROL		
Designed by :	J.Z.	Conçu par
Date	OCTOBER 11 2022	
Drawn	B.N.	Dessiné
Date	OCTOBER 11 2022	
Approved	J.Z.	Approuvé
Date	OCTOBER 11 2022	
Project no.	No. du projet	
	221-02216-00	
Scale Echelle	Drawing no. No. du dessin	
AS NOTED	C003	



1 DRAINAGE PLAN
C004 SCALE= 1:250



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LEGEND

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- FC FILTER CLOTH
- PRD PROPOSED ROOF DRAIN
- PROJECT BOUNDARY
- OVERLAND FLOW

1	ISSUED FOR SPA	2022-10-13
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No.	Revision	Date

Professional Engineer Seal: J. W. ZHANG, 100155766, 2022-10-13, PROVINCE OF ONTARIO

Project Title: IRIDIAN SPECTRAL TECHNOLOGIES
2700 SWANSEA
OTTAWA, ONTARIO.

DRAINAGE PLAN

Designed by:	J.Z.	Conçu par:
Date:	OCTOBER 11 2022	
Drawn:	B.N.	Dessiné:
Date:	OCTOBER 11 2022	
Approved:	J.Z.	Approuvé:
Date:	OCTOBER 11 2022	
Project no.:	221-02216-00	No. du projet:

Scale: AS NOTED
Drawing no.: C004