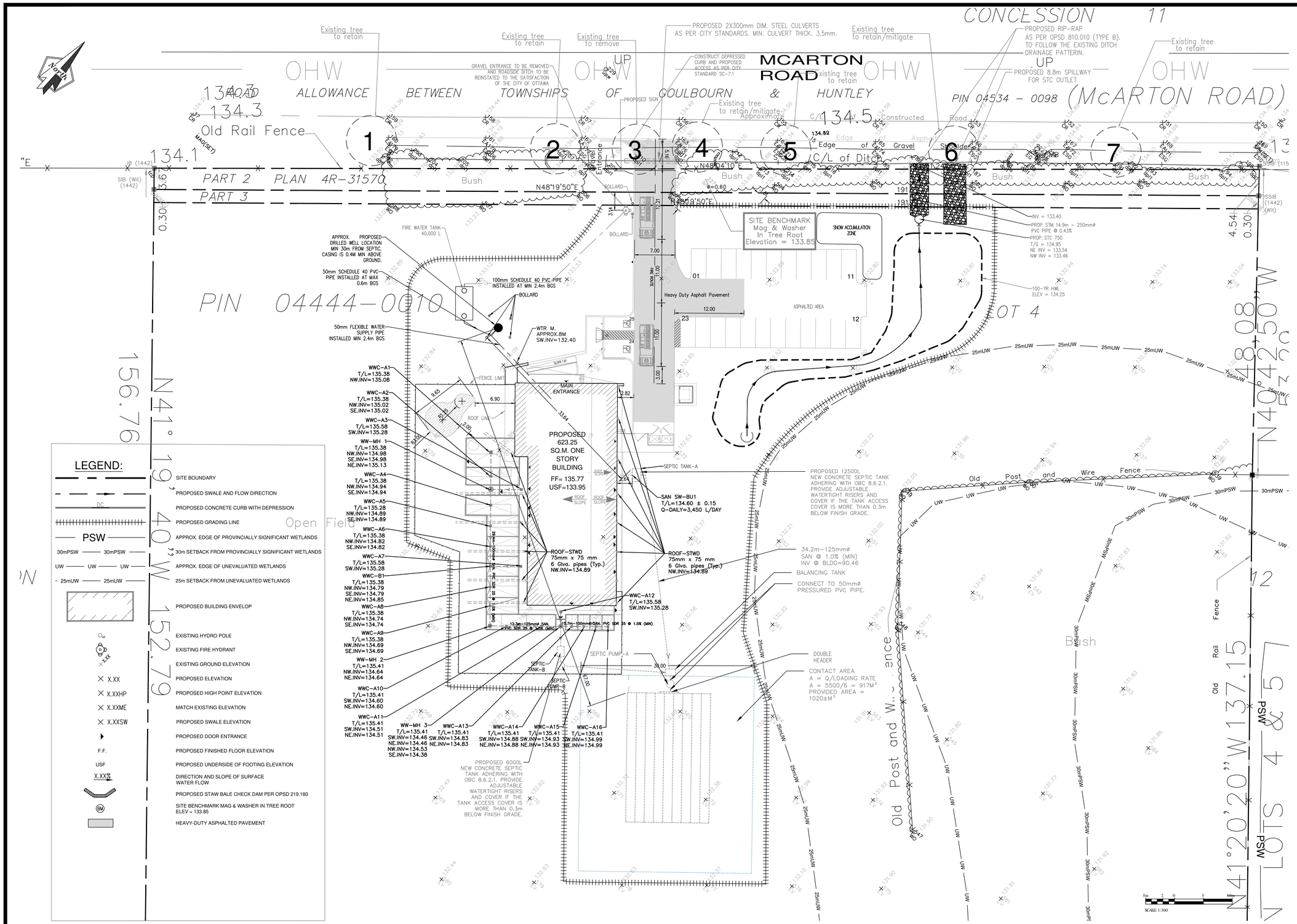

LEGEND:

- SITE BOUNDARY
- PROPOSED SWALE AND FLOW DIRECTION
- DC — PROPOSED CONCRETE CURB WITH DEPRESSION
- PROPOSED GRADING LINE
- PSW — APPROX. EDGE OF PROVINCIALLY SIGNIFICANT WETLANDS
- 30mPSW — 30m SETBACK FROM PROVINCIALLY SIGNIFICANT WETLANDS
- UW — APPROX. EDGE OF UNEVALUATED WETLANDS
- 25mUW — 25m SETBACK FROM UNEVALUATED WETLANDS
- PROPOSED BUILDING ENVELOP
- EXISTING HYDRO POLE
- EXISTING FIRE HYDRANT
- X.XX — EXISTING GROUND ELEVATION
- X.XX — PROPOSED ELEVATION
- X.XXHP — PROPOSED HIGH POINT ELEVATION
- X.XXME — MATCH EXISTING ELEVATION
- X.XXSW — PROPOSED SWALE ELEVATION
- PROPOSED DOOR ENTRANCE
- F.F. — PROPOSED FINISHED FLOOR ELEVATION
- USF — PROPOSED UNDERSIDE OF FOOTING ELEVATION
- X.XX% — DIRECTION AND SLOPE OF SURFACE WATER FLOW
- PROPOSED STAW BALE CHECK DAM PER OPSD 219.180
- BM — SITE BENCHMARK MAG & WASHER IN TREE ROOT ELEV = 133.85
- HEAVY-DUTY ASPHALTED PAVEMENT

GENERAL NOTES:

1. ALL WORK TO CONFORM TO THE LATEST MUNICIPAL STANDARDS, THE PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS (OPSD AND OPSS), AND WHERE APPLICABLE / REQUIRED, LOCAL UTILITY STANDARDS AND THE ONTARIO MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY.
2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT" AND ITS LATEST AMENDMENTS. THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
3. SHOULD DEEPLY BURIED ARCHEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES THE HERITAGE OPERATIONS UNIT OF THE ONTARIO MINISTRY OF CULTURE MUST BE NOTIFIED IMMEDIATELY (416-314-7148). IN THE EVENT THAT HUMAN REMAINS ARE ENCOUNTERED DURING SOIL STRIPPING ACTIVITIES, BOTH THE ONTARIO MINISTRY OF CULTURE, AND THE REGISTRAR OR DEPUTY REGISTRAR OF THE CEMETERIES REGULATION UNIT OF THE MINISTRY OF CONSUMER AND COMMERCIAL RELATIONS (416-326-8392), SHOULD BE NOTIFIED IMMEDIATELY AS WELL AS THE LOCAL POLICE.
4. ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL – BOOK 7 – TEMPORARY CONDITIONS (LATEST EDITION).
5. THE CONTRACTOR SHALL RECTIFY ANY DISTURBED AREAS TO ITS ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE GOVERNING AUTHORITIES.
6. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL DRAWINGS, REPORTS AND SPECIFICATIONS THAT RELATE TO THIS PROJECT.
7. FOR LEGAL SURVEY AND TOPOGRAPHIC INFORMATION REFER TO PLAN PREPARED BY JOHN H. KENNEDY – DATED NOVEMBER 14, 2018.
8. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
9. THE CONTRACTOR IS TO REPORT ALL DISCOVERIES OF ERRORS, OMISSIONS OR DISCREPANCIES TO THE ENGINEER AS APPLICABLE. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO: 1) CONFIRM UTILITY LOCATIONS, AND 2) NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS, PRIOR TO CONSTRUCTION, WILL BE TO THE CONTRACTOR'S PERIL AND EXPENSE.
10. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE SITE AND ADJACENT WORK AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES TO THE SATISFACTION OF THE GOVERNING AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY SERVICES OR UTILITIES DISTURBED DURING CONSTRUCTION, TO THE SATISFACTION OF THE GOVERNING AUTHORITY.
11. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
12. THERE WILL BE NO SUBSTITUTION OF MATERIALS OR SPECIFIED PRODUCTS UNLESS PRIOR WRITTEN APPROVAL IS RECEIVED FROM THE ENGINEER.
13. ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE LATEST GEOTECHNICAL REPORT, SITE SERVICING REPORT AS WELL AS THE STORMWATER MANAGEMENT REPORT FOR THIS SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE LATEST COPIES OF SAID REPORTS.
14. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING, AND BEARING THE COSTS OF, ALL REQUIRED PERMITS, UNLESS SPECIFIED OTHERWISE.
15. ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE CONTRACT ADMINISTRATOR AND/OR THE MUNICIPALITY PRIOR TO ANY TREE CUTTING / REMOVAL.
16. THE CONTRACTOR SHALL PROVIDE THE ENGINEER PERTINENT AS-BUILT MEASUREMENTS, NOTES AND MARK-UPS TO ENABLE THE ENGINEER TO REVIEW AND PREPARE AS-BUILT GRADING AND SITE SERVICING PLANS.
17. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE SITE BENCHMARK(S) HAS NOT BEEN ALTERED OR DISTURBED AND THAT IT'S RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION DEPICTED ON THIS PLAN.
18. ANY EXISTING OR DISCOVERED WELLS OR MONITORING WELLS FOUND ON THE PROPERTY WILL NEED TO BE PROPERLY ABANDONED IN ACCORDANCE WITH O. REG. 903 AND ITS AMENDMENTS.

STORM AND SANITARY SEWER NOTES:

1. CONTRACTOR IS TO OBTAIN A ROAD CUT PERMIT TO INSTALL AND CONNECT THE PROPOSED SERVICES TO THE MUNICIPAL INFRASTRUCTURE LOCATED WITHIN EXISTING ROAD AND STREET.
2. BEDDING, THICKNESS OF COVER MATERIAL AND COMPACTION REQUIREMENTS FOR THE STORM AND SANITARY SEWERS SHALL CONFORM TO THE MANUFACTURERS DESIGN REQUIREMENTS AND TO THE REQUIREMENTS AND DETAILED INSTALLATIONS OUTLINED IN THE ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS) AND ANY APPLICABLE STANDARDS OR REQUIREMENTS FROM THE LOCAL CITY/TOWNSHIP AS WELL AS ANY RECOMMENDATIONS PROVIDED WITHIN THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
3. ALL STORM AND SANITARY SEWERS TO BE CSA CERTIFIED, BELL AND SPIGOT TYPE. ONLY FACTORY FITTINGS TO BE USED.
4. ALL PIPE & CULVERT SECTION SIZES SPECIFIED ON THE DRAWING ARE REFERED TO INSIDE DIMENSIONS. STORM SEWER MATERIALS TO BE PVC-SDR-35, WHILE ALL SANITARY SEWER MATERIALS TO BE PVC SDR 35 FOR PIPES 200MM DIAMETER AND ABOVE; PVC SDR 28 FOR PIPES LESS THAN 200MM DIAMETER. ALL SEWERS TO BE INSTALLED AS PER OPSD 802.010.
5. ANY FILL ENCOUNTERED AT THE SUBGRADE SEWER LEVEL OF THE PIPE SHOULD BE SUB-EXCAVATED DOWN TO NATIVE SOIL AND REPLACED WITH GRANULAR FILL IN MAXIMUM 300MM THICK LIFTS COMPACTED TO 98% SPMDD UP TO THE SUBGRADE LEVEL. REFER TO GEOTECHNICAL REPORT FOR MORE DETAIL.
6. ALL SERVICE TRENCHES SHOULD BE BACKFILLED USING COMPACTABLE MATERIAL, FREE OF ORGANICS, DEBRIS AND LARGE COBBLES OR BOULDERS. THE TRENCH SHOULD BE COMPACTED IN MAX. 300MM THICK LIFTS TO 95% SPMDD
7. TRENCHES IN EXISTING PAVED AREAS, TRANSITIONS. SHALL BE CONSTRUCTED WITH PROPER COMPACTION BETWEEN NEW AND THE EXISTING PAVEMENT STRUCTURES TO MINIMIZE POTENTIAL FUTURE DIFFERENTIAL SETTLEMENT BETWEEN THE PAVEMENT STRUCTURES. TRANSITION IS TO START AT SUBGRADE LEVEL AND EXTEND TO UNDERSIDE OF ASPHALTIC CONCRETE LEVEL (IF ANY) AT A 1:1 SLOPE. THE ASPHALTIC CONCRETE IS TO BE CUT BACK TO A MINIMUM OF 150MM FROM THE EDGE OF EXCAVATION TO ALLOW FOR PROPER COMPACTION BETWEEN THE PAVEMENT STRUCTURES.
8. ALL SEWERS CONSTRUCTED WITH GRADES LESS THAN 1.0% SHALL BE INSTALLED USING LASER ALIGNMENT AND VERIFIED WITH LEVEL INSTRUMENT PRIOR TO BACKFILLING.
9. THE CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL BEDDING, COVER AND ADDITIONAL BACKFILLING, IF THE EXCAVATION EXCEEDS TRENCH WIDTH AS SPECIFIED BY OPSS 401 (OPSD 802.010).
10. ALL STORM AND SANITARY MAINTENANCE HOLES TO BE SIZED IN ACCORDANCE WITH THE PLANS AND AS PER CITY OF OTTAWA AND TOWNSHIP OF HUNTLEY STANDARDS AS APPLICABLE COMPLETE WITH BENCHING, RUNGS, AND FRAME AND COVER. MAINTENANCE HOLE COVERS AND FRAMES. CONTRACTOR TO PROVIDE ALL PERTINENT SHOP DRAWINGS OF ALL MAINTENANCE HOLES AND CATCH BASINS (AS REQUIRED) TO ENGINEER FOR REVIEW AND ACCEPTANCE PRIOR TO DELIVERY TO SITE.
11. CONTRACTOR TO INSTALL FILTER FABRIC UNDER ALL MAINTENANCE HOLE AND CATCH BASIN COVER UNTIL SODDING IS COMPLETE.
12. ALL STORM OR SANITARY SEWER WITH LESS THAN 2.0M COVER WILL REQUIRE RIGID INSULATION AS SPECIFIED ON THE SITE SERVICING PLAN. THE INSULATION WILL BE INSTALLED IN ACCORDANCE WITH OPSD 1109.030.
13. CONTRACTOR TO PROVIDE INLET CONTROL DEVICE (ICD) SHOP DRAWINGS, FOR ENGINEER'S REVIEW PRIOR TO ORDERING ICD(S). INSTALLATION OF SAID ICD(S) TO BE IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.
14. APPROVED BACK FLOW VALVES MUST BE INSTALLED FOR ALL SANITARY AND STORM CONNECTIONS TO BUILDINGS AS PER CITY OF OTTAWA STANDARDS.
15. ALL EXISTING PRIVATE CONNECTIONS WHICH ARE NOT NEEDED SHALL BE CAPPED AT THE PROPERTY LINE.
16. THE CONTRACTOR SHALL CONFIRM THAT ALL UNUSED LATERALS ARE CAPPED AT THE PROPERTY LINE. IF THEY ARE NOT, THE CONTRACTOR SHALL CAP THEM TO THE SATISFACTION OF THE TOWNSHIP

No	DATE	ISSUED FOR	App.
1	2020/07/03	SITE PLAN CONTROL	H.A.
2			
3			
4			
5			

No	DATE	REVISION	App.
1	2021/05/17	CITY COMMENTS ON 2020/09/24	H.A.
2	2021/11/08	CITY COMMENTS ON 2021/07/16	H.A.
3			
4			
5			

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Key Plan

JOHN H. KENNEDY LTD.
ONTARIO & CANADA LANDS SURVEYORS
KEMPTVILLE PORTLAND
REF: 2018-10-085

KASTONE CONSTRUCTION MANAGEMENT

OTTAWA VALLEY WILD BIRD CARE CENTRE

ADVANCED DESIGN, ASSESSMENT& DEVELOPMENT Inc.
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Stamps

LICENSED PROFESSIONAL ENGINEER H.H. ALMMISOUR 100108988 2021/11/9/21 PROVINCE OF ONTARIO

Project
OTTAWA VALLEY WILD BIRD CARE CENTRE
8520 McArton Road, Ottawa, ON.

Title	Drawn /: A.A.	Scale
SITE SERVICING PLAN	Verif. /: H.A.	1:300
Date: 2021/11/08	Revision: 2	Drawing # SS-1