

**STORM DRAIN SCHEDULE**

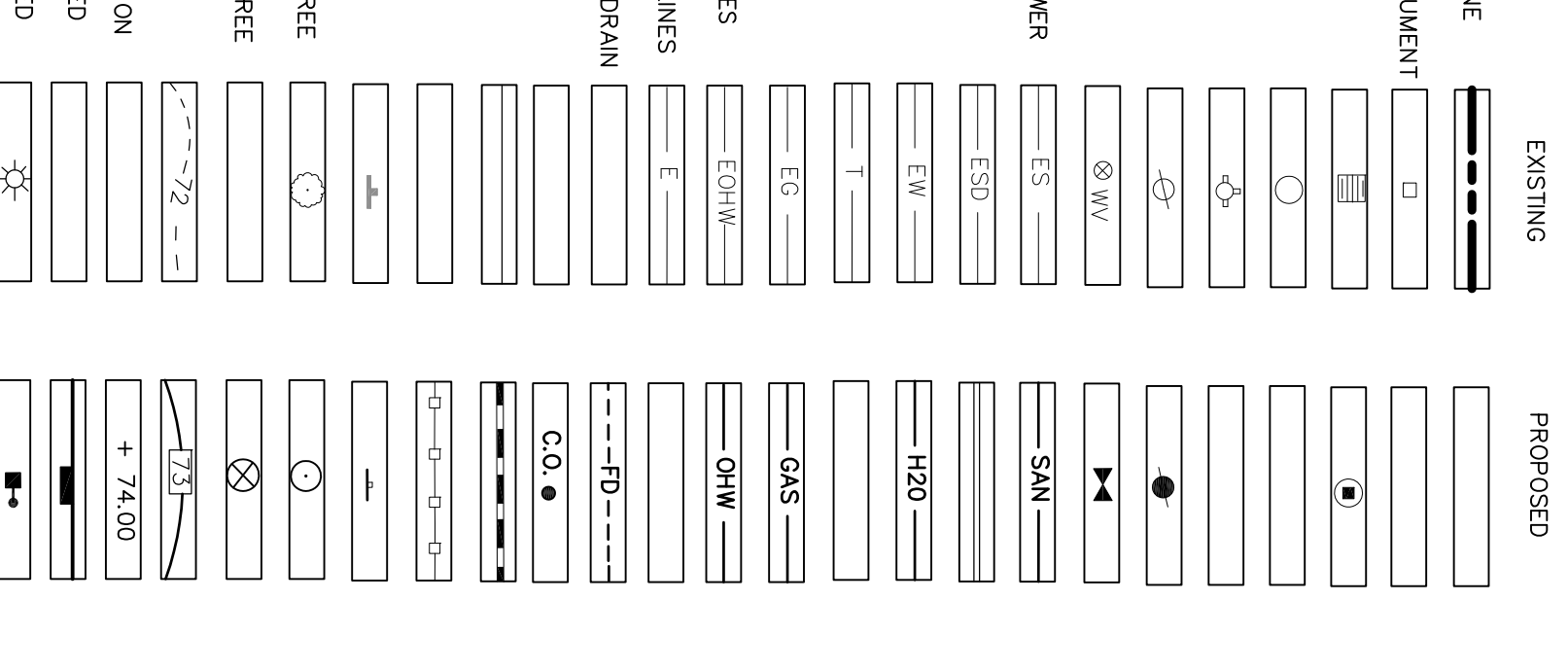
SD NO.	PIPE TYPE	LENGTH	SLOPE
SD#1A	18\"/>		

**DRAINAGE STRUCTURE SCHEDULE**

MANHOLE	DEPTH	CONNECTION	STRUCTURE
MANHOLE 1	120.50	IN/OUT	MANHOLE

- GRADING NOTES:**
- DO NOT SCALE THESE DRAWINGS. ANY DISCREPANCIES BETWEEN DRAWINGS, THE PLAN, AND THE FIELD SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR CLARIFICATION AND RESOLUTION.
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR DIRECTION AND RESOLUTION PRIOR TO ANY FURTHER WORK.
  - UTILITIES WITH THE APPROPRIATE UTILITY COMPANIES PRIOR TO EXCAVATION OF OR INSTALLATION OF ANY PART OF THIS WORK.
  - CONTRACTOR SHALL AVOID ALL AREAS NOT REQUIRING GRADING.
  - THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY. EXISTING DRAINAGE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE THE EXACT LOCATION AND DEPTH OF THE UTILITIES SHOWN. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UTILITIES SHOWN. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. CALL DIGSAFE (1-888-344-7233) AT LEAST THREE BUSINESS DAYS BEFORE PERFORMING ANY CONSTRUCTION.
  - CONTRACTOR SHALL CONDUCT TEST PIT EXCAVATION TO CORROPERY LOCATION OF EXISTING UTILITIES WHERE NEW BUILDING SANITARY SERVICE AND WATER SERVICE ARE PROPOSED.
  - WHERE STORM DRAINS OR SEWER MAINS HAVE LESS THAN FOUR (4) FEET COVER BETWEEN TOP OF PIPE AND FINISH GRADE, INSULATE PIPE USING TWO (2) INCHES STYROFOAM INSULATION BOARD OVER AND ALONG SIDES OF THE PIPE.
  - EXISTING DRAINAGE MANHOLES SHALL BE CORED TO ACCEPT NEW DRAINAGE PIPES AS NOTED.
  - PIPE LENGTH EQUALS THE CENTER TO CENTER DISTANCES BETWEEN CATCH BASINS AND/OR MANHOLES MINUS ONE-HALF OF THE DIAMETER OF EACH CATCH BASIN OR MANHOLE.
  - RATCH DRAIN CONNECTIONS SHALL BE CONFIRMED WITH FINAL BUILDING PLANS.
  - ALL UTILITIES SHALL BE INSTALLED IN CONFORMANCE WITH INDIVIDUAL UTILITY DISTRICT REQUIREMENTS. CONTRACTOR SHALL COORDINATE INSTALLATION WITH APPROPRIATE UTILITY DISTRICT BEFORE INSTALLATION.
  - ALL WORK WITHIN THE ROAD RIGHT-OF-WAY AND ALL UTILITIES CONNECTING TO INFRASTRUCTURE WITHIN THE ROAD SHALL MEET CITY OF PORTLAND TECHNICAL MANUAL STANDARDS.
  - ELEVATIONS ARE ON CITY DATUM, BASED ON BENCH MARK AT 'Y' OFFSET BENCHMARK = 127.23
  - MONUMENT UNDER COVER ON EASTERLY SIDE OF STEVENS AVENUE.
  - GRADING FOR THE A.D.A. COMPLIANT PARKING SPACES TO THE A.D.A. COMPLIANT PARKING SPACES SHALL BE IN ACCORDANCE WITH THE CITY REQUIREMENTS INCLUDING MAXIMUM 2% SLOPE IN ANY DIRECTION AND SURFACE TREATMENT. ANY REPAIRS TO ACHIEVE COMPLIANCE SHALL BE COMPLETED AT NO EXTRA EXPENSE TO THE OWNER.

**LEGEND**



Scale: 1"=30'

North:

Sheet No.: **L3.0**

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Revisions:

Title: GRADING, DRAINAGE & EROSION CONTROL PLAN

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