

**GRANDE WALL GRAVITY DESIGN 9 DEGREE BATTER PRECAST RETAINING WALL - TYPICAL SECTION** ∖ L-02 ∕ NOTE:

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> > POSTS - HSS 48mm dia.

TOP & MID RAIL - HSS

2% max

SLOPE \_

(PLUMB)

, 385 1, 300 MIN

30-40mm dia.

IN THE PROVINCE OF ONTARIO. GUARD / HAND RAIL TO MEET OBC FOR

LOADING, HEIGHT, DESIGN RESTRICTIONS.

300 MIN 220

1

COMPACTED APPROVED SUBGRADE COMPACTED GRANULAR 'A', 150mm MINIMUM PRECAST STEPS. 12mm max. FOOTING LEVELING COURSE MUST BE COMPACTED. STAGGER UNITS AT EACH ROW ADDITIONAL PRECAST STEP AT BOTTOM OF TOP STAIRS. ALL WELDS TO BE CONTINUOUS. ALL STEEL TO BE HOT DIPPED GALVANIZED. PROVIDE SHOP DRAWINGS FOR CONSTRUCTION AND COMPONENT SIZES. INCLUDE WALL THICKNESSES, ANCHORAGE AND FOOTINGS.

## NUMBER OF RISERS AND HANDRAIL TO SUIT SITE CONDITIONS. STEPS SECTION

NEW METAL HANDRAIL -

(150mm min). GROUTED

2<u>% max. SLOPE</u>

NOTE

WITH NON-SHRINK GROUT

CROWNED TO SHED WATER

TACTILE WARNING PLATES

CORE INTO PRECAST STEP -

NEW MODULAR TACTILE WARNING -CONCRETE BLOCK PLATES **RETAINING WALL** - NEW MODULAR CONCRETE **BLOCK STAIRS** NOSING STRIPS 50mm WIDE, LENGTH EQUAL TO THE WIDTH OF STEPS - SEE SPECS. - NEW METAL HAND RAIL 

## STEPS PLAN VIEW

**PRECAST RETAINING WALL - TYPICAL SECTION** 2 L-02

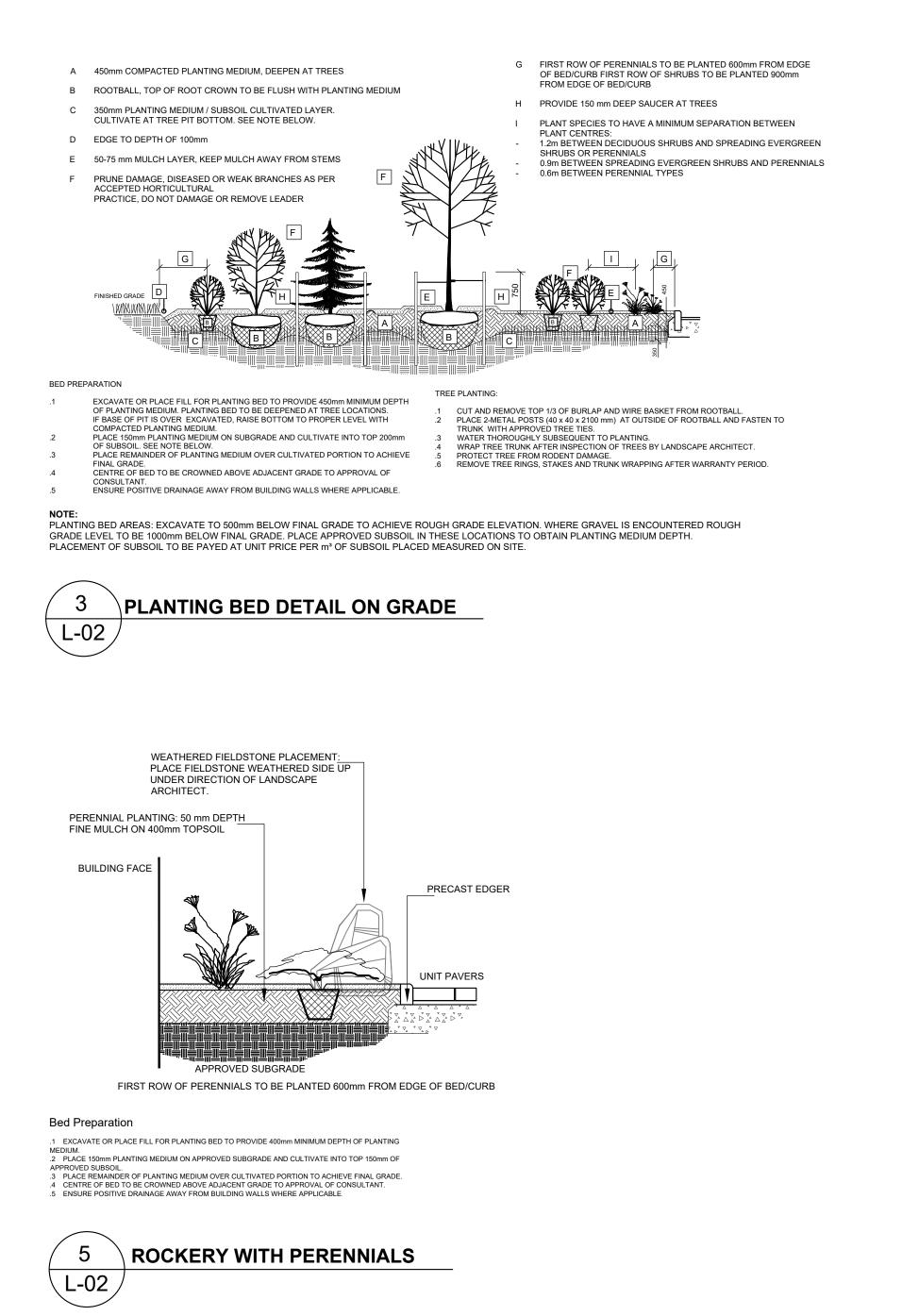
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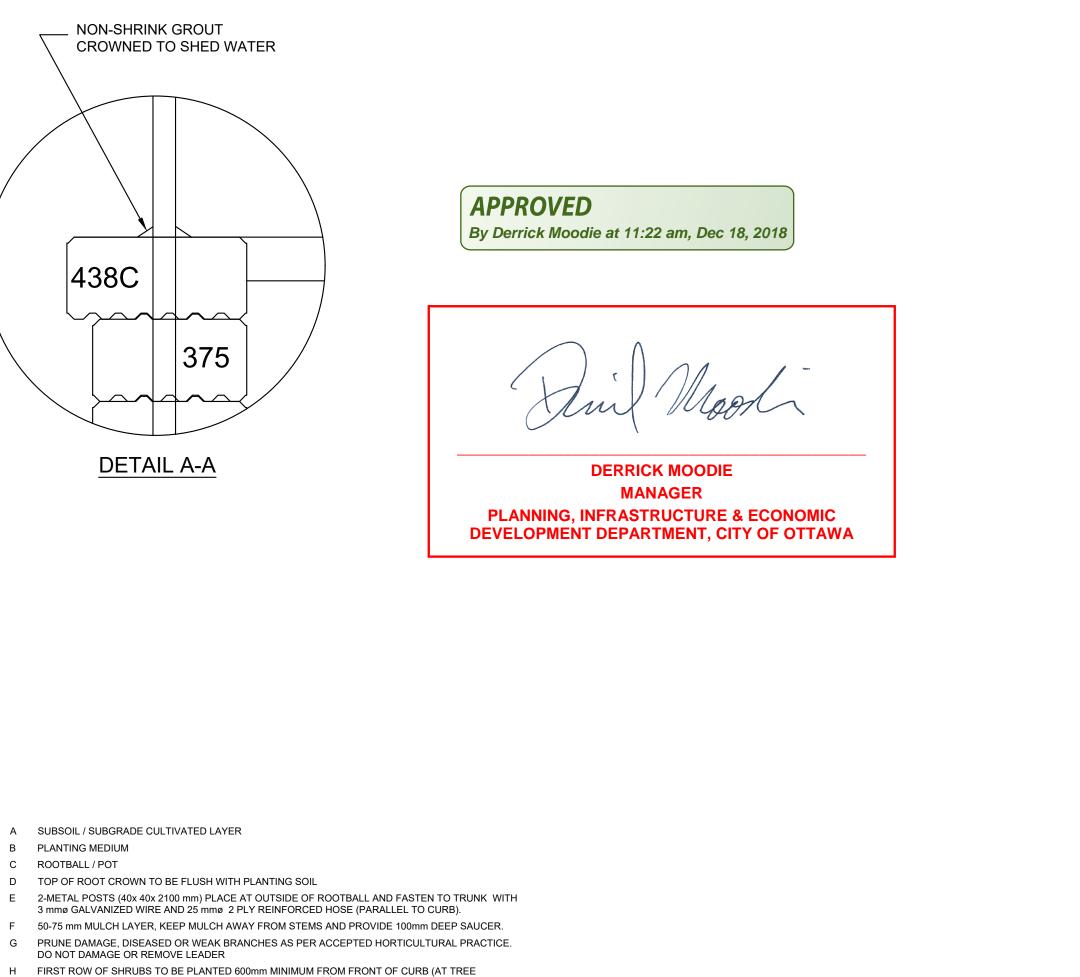
CONCRETE PAD -

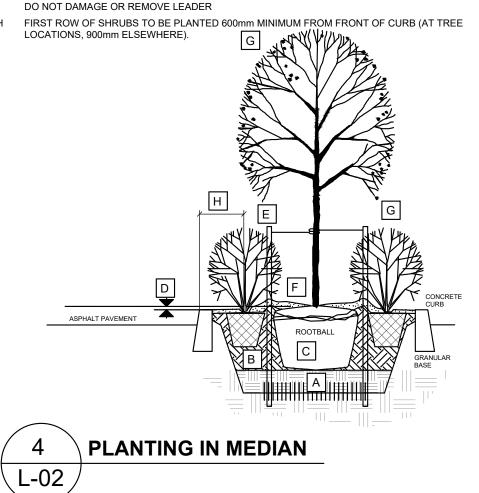
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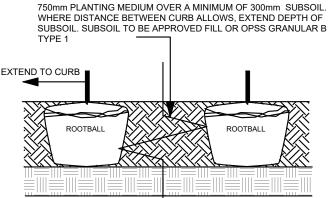
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**GRANDE TYPICAL HANDRAIL DETAIL** 









SECTION LENGTHWISE THROUGH MEDIAN

Bed Preparation

- .1 EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 750mm MINIMUM DEPTH OF PLANTING MEDIUM AND 300mm DEPTH SUBSOIL (CONTINUOUS BETWEEN TREES). CULTIVATE PLANTING SUBSOIL INTO SUBGRADE TO A DEPTH OF 150mm. 2 PLACE COMPACTED PLANTING MEDIUM ON SUBSOIL TO ACHIEVE
- FINAL GRADE. .3 CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO APPROVAL OF CONSULTANT.

