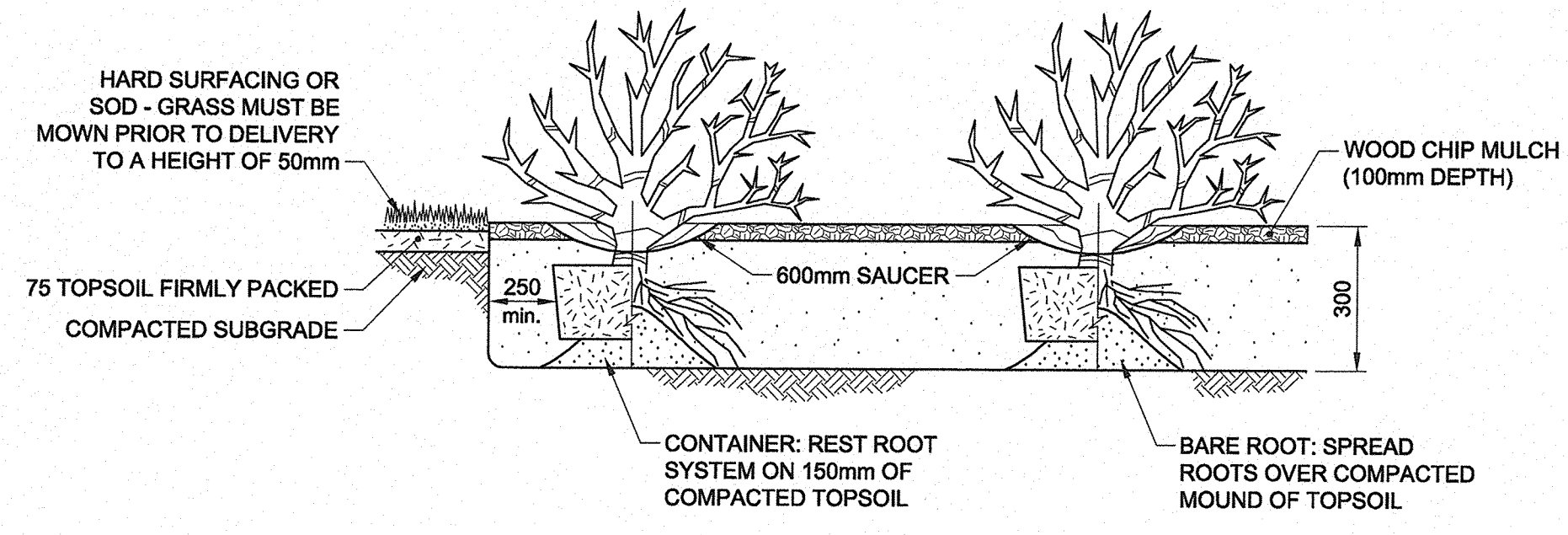
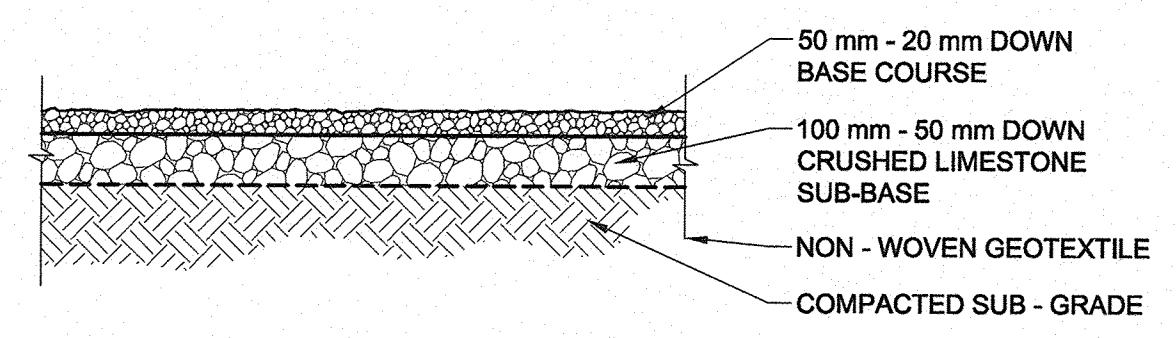


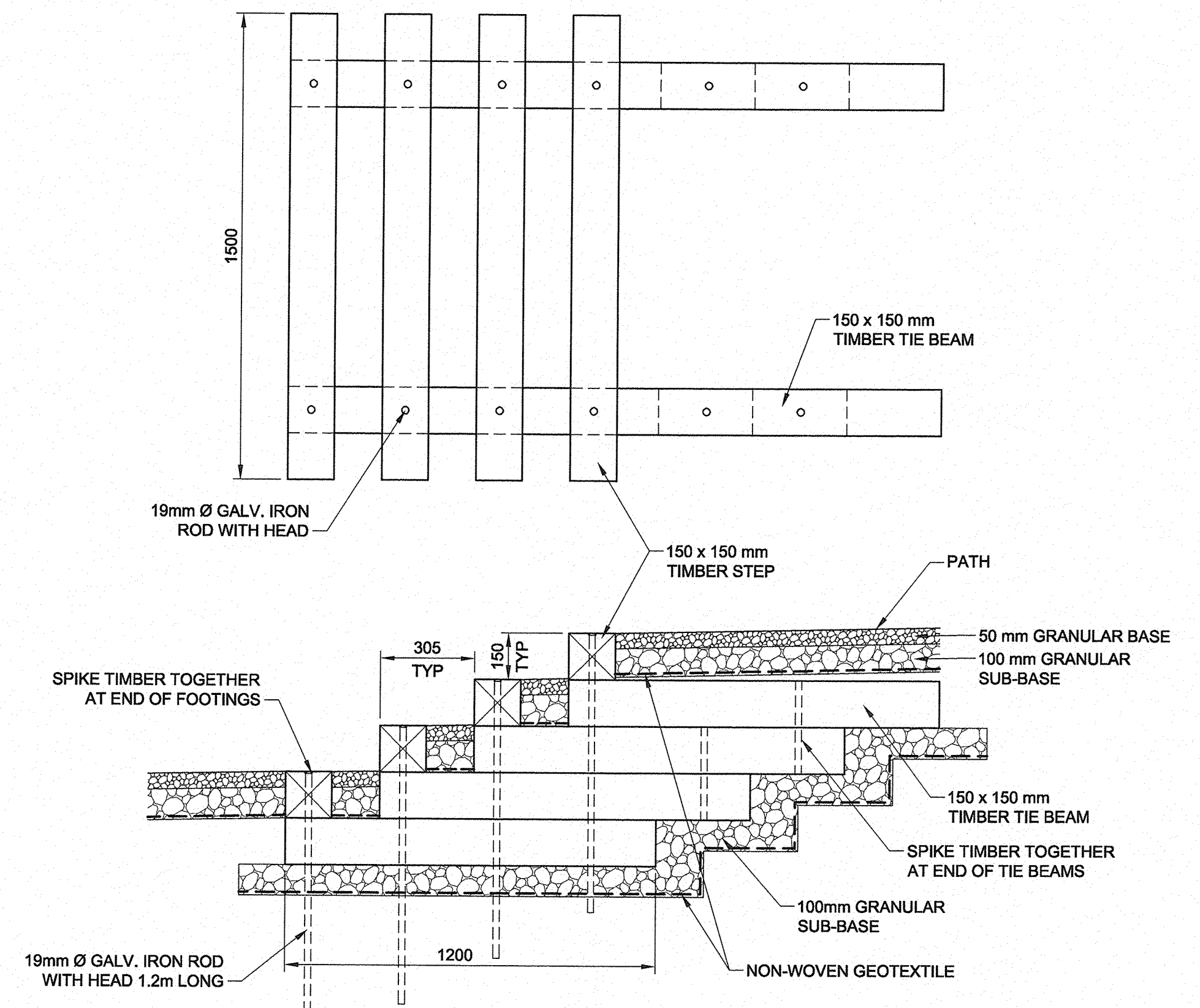
**DETAIL 1**  
SCALE: NTS  
DECIDUOUS TREE PLANTING  
D-12241



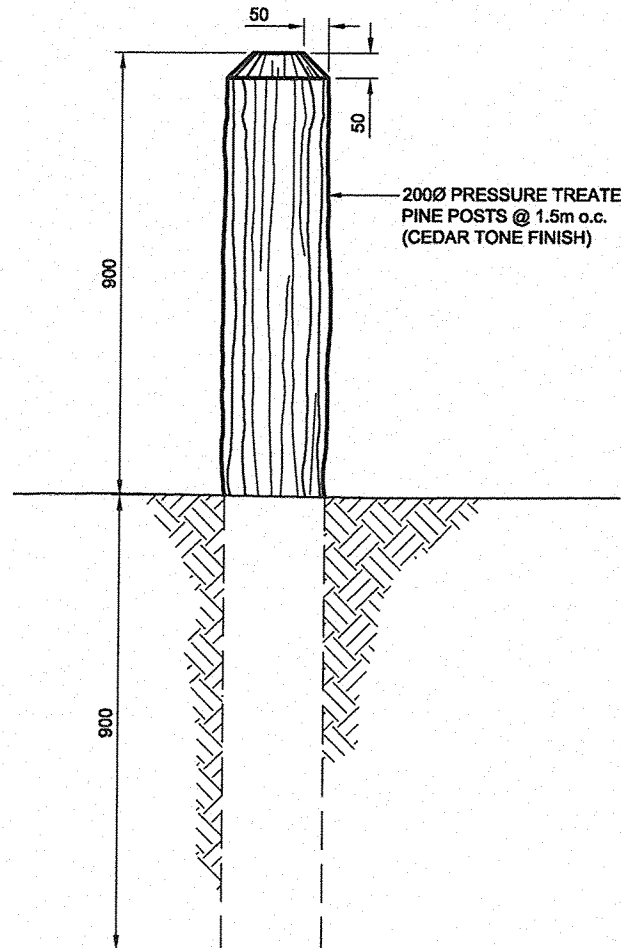
**DETAIL 2**  
SCALE: NTS  
TYPICAL SHRUB PLANTING DETAIL  
D-12442



**DETAIL 3**  
SCALE 1:15  
GRAVEL SURFACING  
D-12242

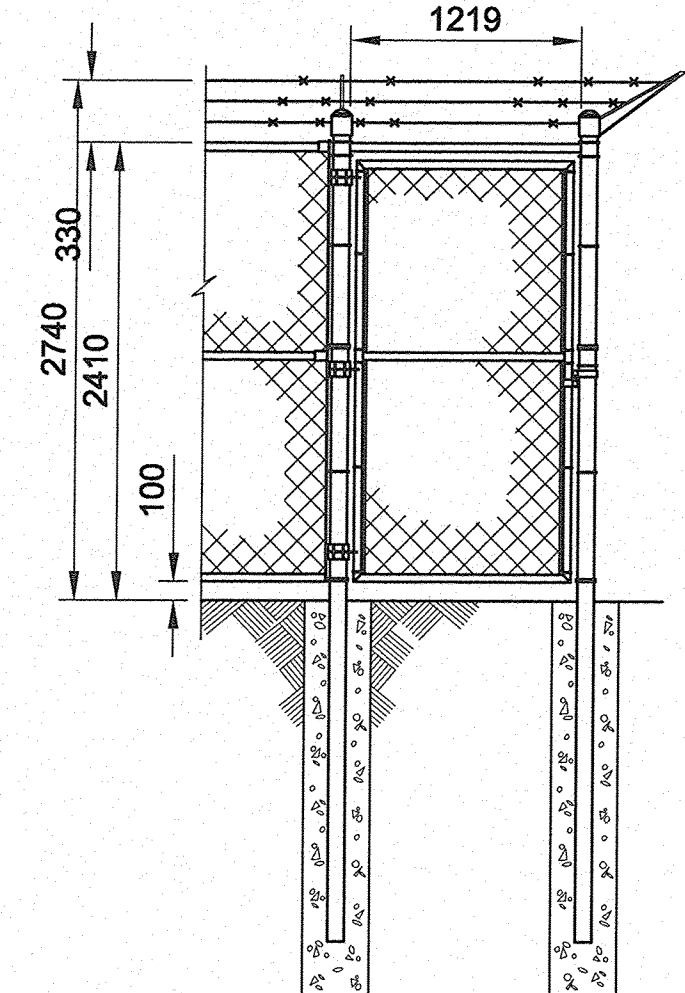


**DETAIL 4**  
SCALE 1:15  
TYPICAL WOODEN STEPS  
PLAN AND SECTION  
12242

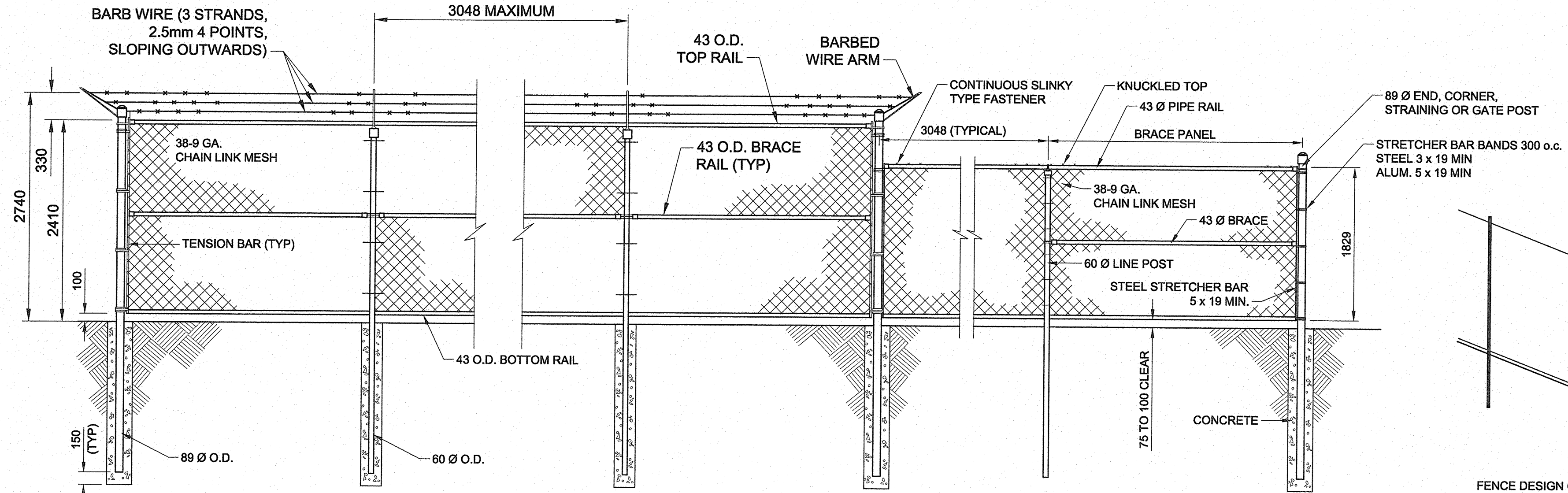


**NOTE:**  
- ALL BOLLARDS THOROUGHLY TAMPED AND EARTH MOUNDED APPROX. 100mm AT EACH POST FOR FUTURE SETTLING. SURPLUS EARTH TO BE DISPOSED OF AS DIRECTED BY CONTRACT ADMINISTRATOR.  
- BOLLARDS ARE TO FOLLOW THE NATURAL CONTOUR OF THE LAND EXCEPT FOR SMALL UNDULATIONS WHICH WOULD TEND TO REDUCE THE AESTHETIC APPEARANCE OF THE FINISHED PROJECT.

**DETAIL 5**  
SCALE: NTS  
WOODEN BOLLARD  
D-12242



**DETAIL 6**  
SCALE: NTS  
1.22m WIDE FENCE GATE  
IN 2.74 HT CHAIN LINK FENCE  
D-12242



**DETAIL 7**  
SCALE: NTS  
2.74 HT CHAIN LINK FENCE  
GALVANIZED WITH BARBED WIRE  
D-12242

POST TYPE	CONCRETE PILE DIMENSIONS	
	DEPTH	DIAMETER
LINE POSTS	1 800	250
TERMINAL POSTS	1 800	300
CORNER POSTS	1 800	300

**DETAIL 8**  
SCALE: NTS  
1.83 HT CHAIN LINK FENCE  
D-12242

BLACK CHAIN LINK FENCING (WHERE NOTED ON PLAN):  
1. MESH TO BE BLACK VINYL COATED.  
2. ALL FRAME WORK AND OTHER FENCE COMPONENTS TO BE FINISHED WITH BLACK ENAMEL BY POWDER COAT APPLICATION.  
a) PRIOR TO POWDER COATING, ALL SURFACES TO BE CHEMICALLY CLEANED.  
b) POWDER COATING TO BE POLYESTER, APPLIED IN A THICKNESS OF 3-4 MILS.

FENCE DESIGN ON A SLOPE

**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPR. U/G STRUCTURES	DATE

**NOTE:**  
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
2	RE-ISSUED FOR CONSTRUCTION	12/10/18	LJV
1	REVISED FOR ADDENDUM No. 1	11/05/30	LJV
0	ISSUED FOR CONSTRUCTION	11/05/09	LJV

**AECOM**

DESIGNED BY	LJV	CHECKED BY	[signature]
DRAWN BY	LJV	APPROVED BY	[signature]
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT. SCALE	NA		
DATE		DATE	

PROFESSIONAL'S SEAL  
L. JOY VIBERG  
member no. 125  
2/11/01  
CONSULTANT DRAWING NO.  
D265-230-02\_01-L-4002\_RX.dwg

**THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT**

REHABILITATION / REPLACEMENT OF THE MID TOWN FEEDERMAIN AT THE ASSINIBOINE RIVER

LANDSCAPE FENCING AND MISCELLANEOUS DETAILS

SHEET 19 OF 19  
CITY DRAWING NUMBER  
**D-12427**  
REV 2

**AECOM**  
Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: 01 Nov 2012

BID OPPORTUNITY NO. 830-2012