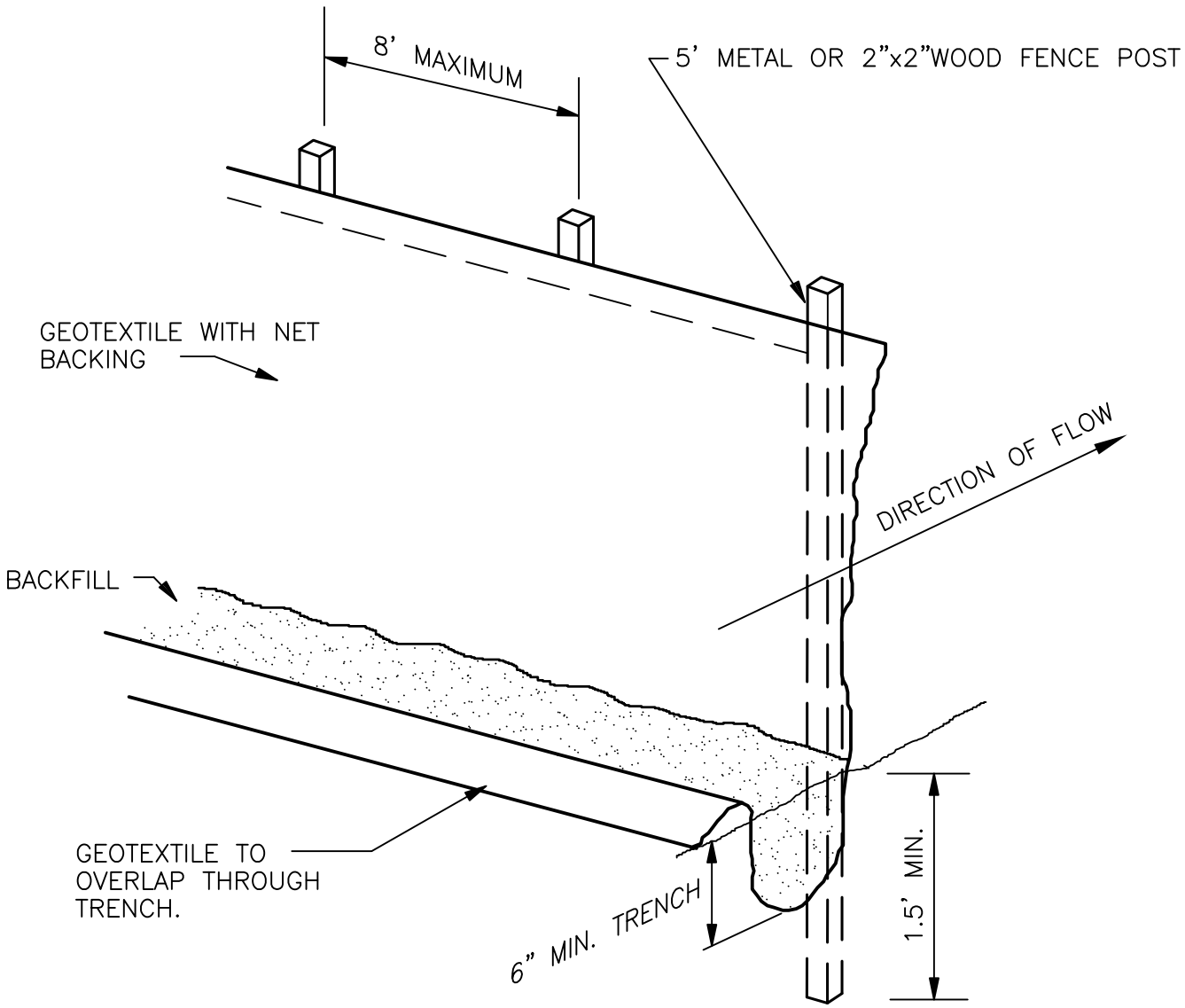


NOTE : –SILT FENCE SHALL CONFORM TO MNDOT 3886, TYPE B.

–FENCING SHALL BE PLACED ALONG CONTOURS OR AS DIRECTED BY ENGINEER.

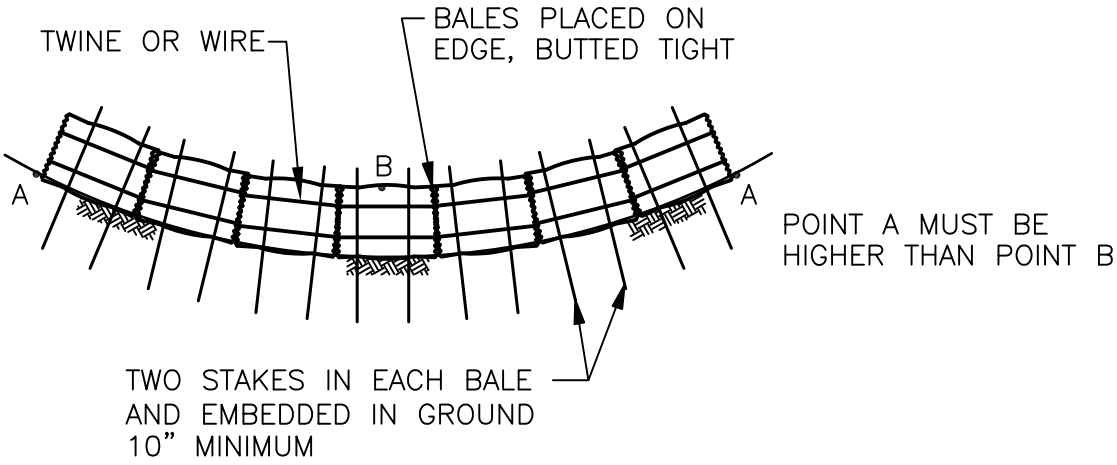
SILT FENCE

12/26/00

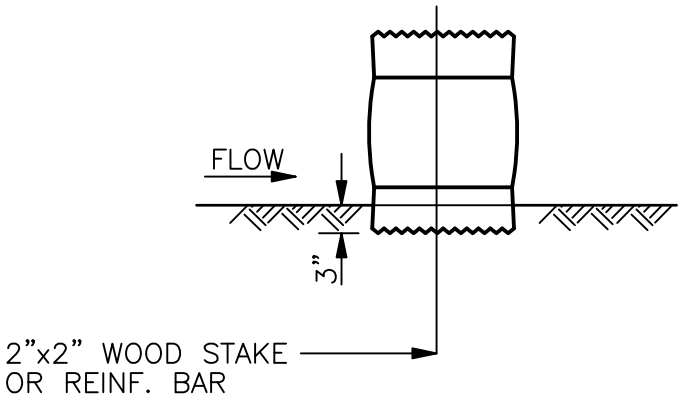
CITY OF ANDOVER

STANDARD DRAWING NO.

601



DITCH SECTION



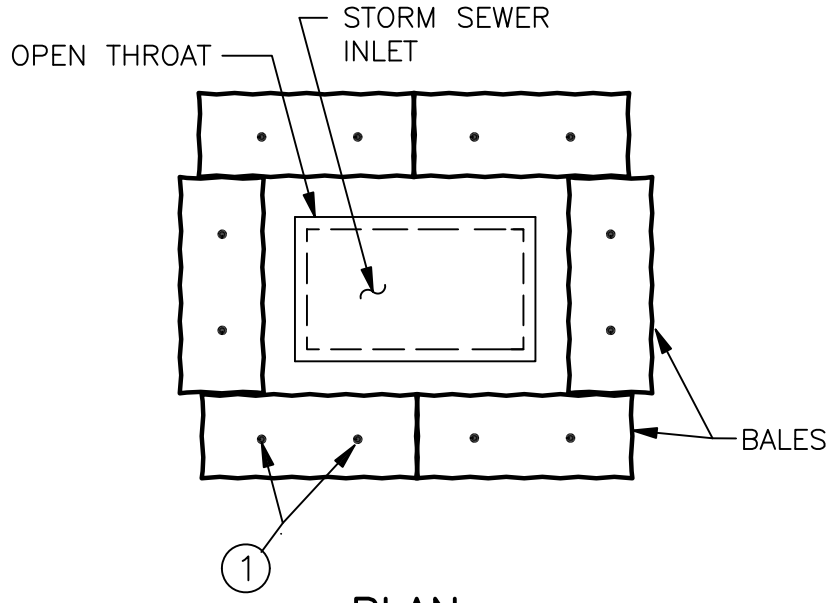
BALE SECTION

DITCH CHECK
(HAY OR STRAW)

12/26/00

CITY OF ANDOVER

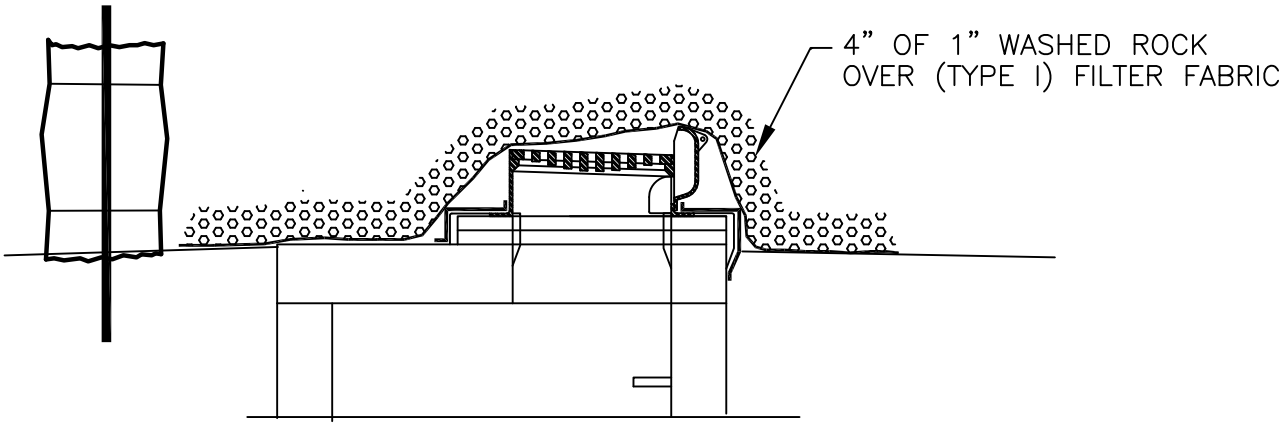
STANDARD DRAWING NO.
603



PLAN

NOTE:

(1) PLACE 2 EA.–2''X 2'' WOOD STAKES OR REINFORCING BARS IN EACH BALE, EMEDDED IN THE GROUND 10'' MINIMUM.



SECTION

BALE CHECK FOR STORM SEWER INLET

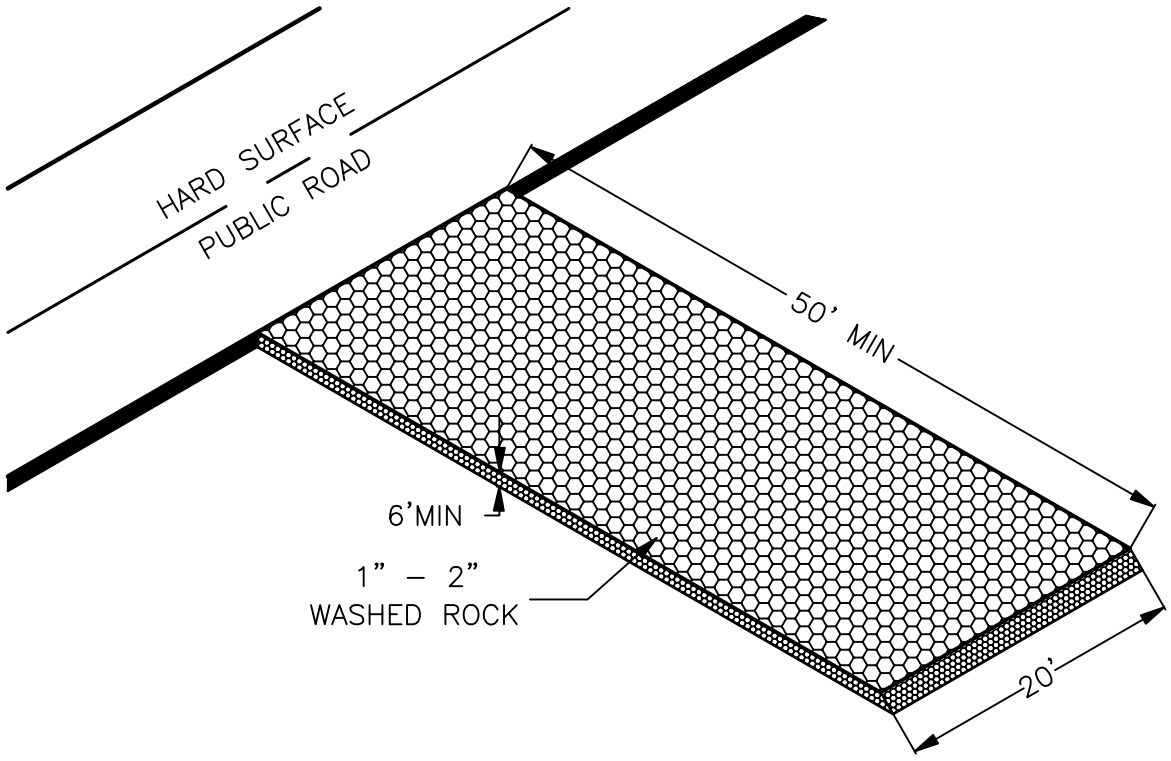
NO SCALE

12/26/00

CITY OF ANDOVER

STANDARD DRAWING NO.

604



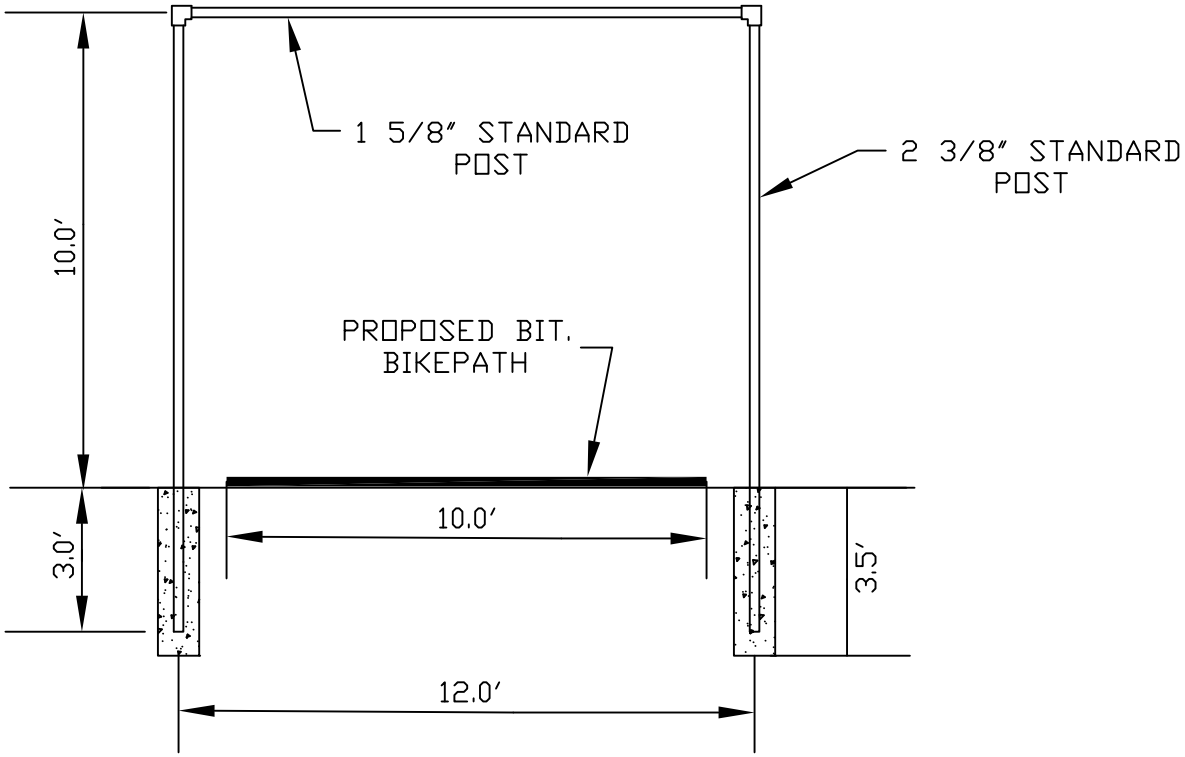
ROCK CONSTRUCTION ENTRANCE

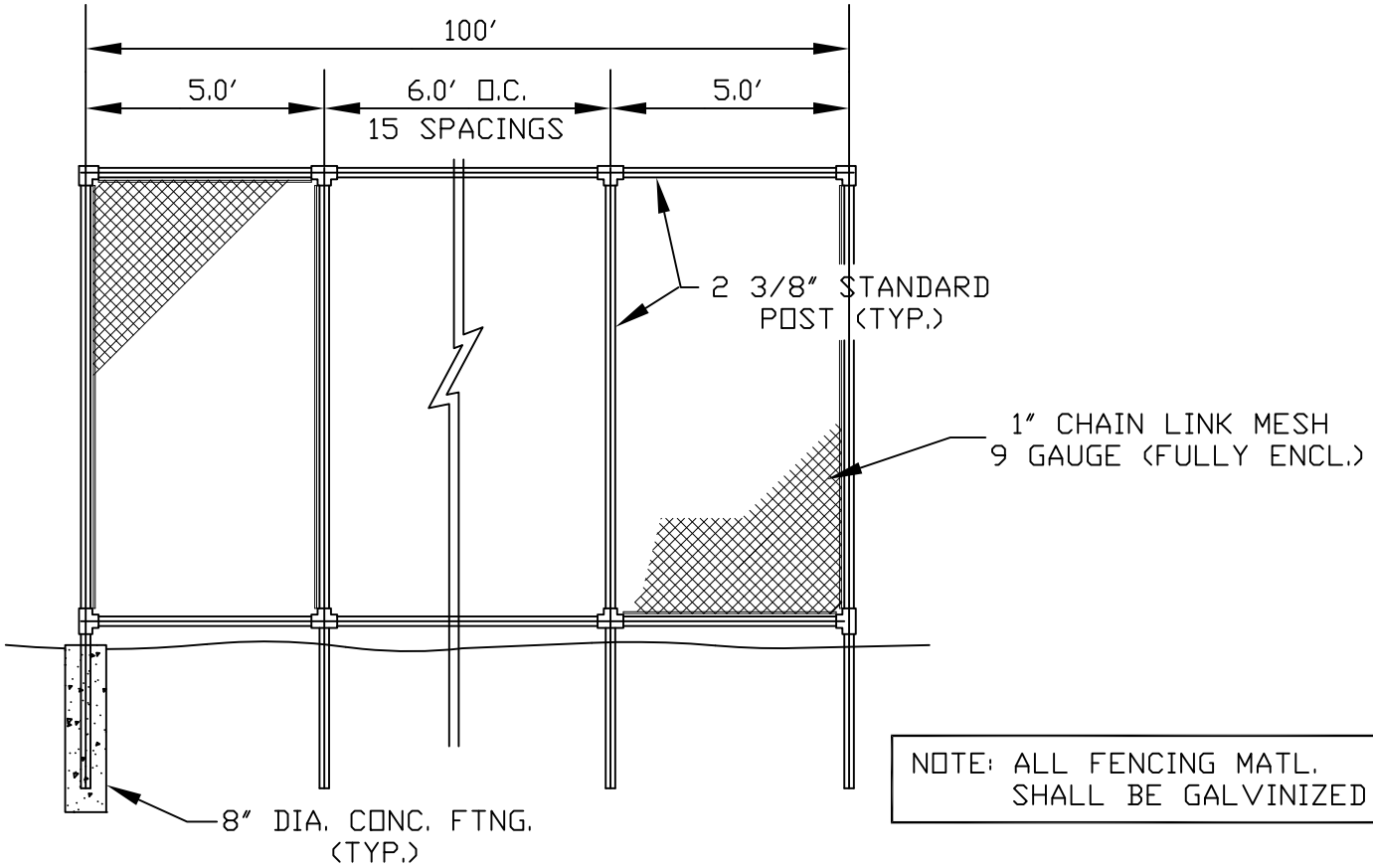
12/26/00

CITY OF ANDOVER

STANDARD DRAWING NO.

605





NOTE: ALL FENCING MATL. SHALL BE GALVINIZED

ENCLOSED FENCING DETAIL

CITY OF ANDOVER

STANDARD DRAWING NO.

606

DO NOT CUT MAIN LEADER

IF PLANTS ARE TO BE PRUNED, BRANCHES SHALL BE PRUNED AT THE BRANCH BARK RIDGE, AND OUTSIDE THE BRANCH COLLAR, NOT FLUSH WITH THE BARK.

INSTALL CORRUGATED PLASTIC STEM PROTECTOR AROUND TRUNK (OPTIONAL).

SHALL BE PLANTED WITH THE ROOT COLLAR LEVEL OR SLIGHTLY ABOVE FINISHED GRADE.

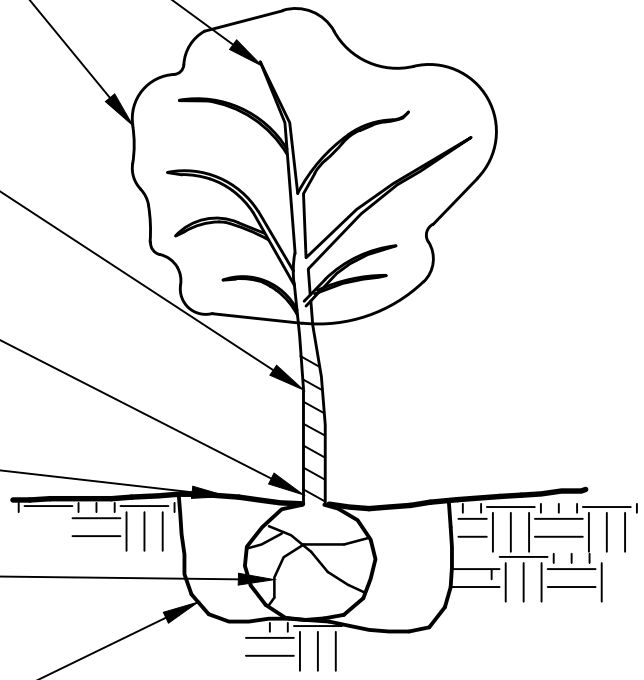
REMOVE TAGS AND LABELS. PARTIALLY BACKFILL, WATER TO SETTLE SOIL, FINISH BACKFILLING.

4" SHREDDED BARK OR WOODCHIP MULCH. KEEP 2" AWAY FROM STEM (AVOID DIRECT CONTACT).

REMOVE THE WIRING, TWINE OR ROPES, AND BURLAP FROM THE TOP AND SIDES OF THE ROOT BALL FOR BALLED AND BURLAPPED PLANTS.

REMOVE CONTAINERS AND CUT CIRCLING ROOTS IF PLANTS ARE CONTAINER GROWN.

SCARIFY PLANTING PIT WALLS. DIG HOLE AT LEAST TWICE THE WIDTH OF THE ROOT BALL.



TREE PLANTING DETAIL

2/6/14

CITY OF ANDOVER

STANDARD DRAWING NO.

608B

PRUNE DEAD OR DAMAGED FOLIAGE
MAINTAIN NATURAL FORM OF SHRUB

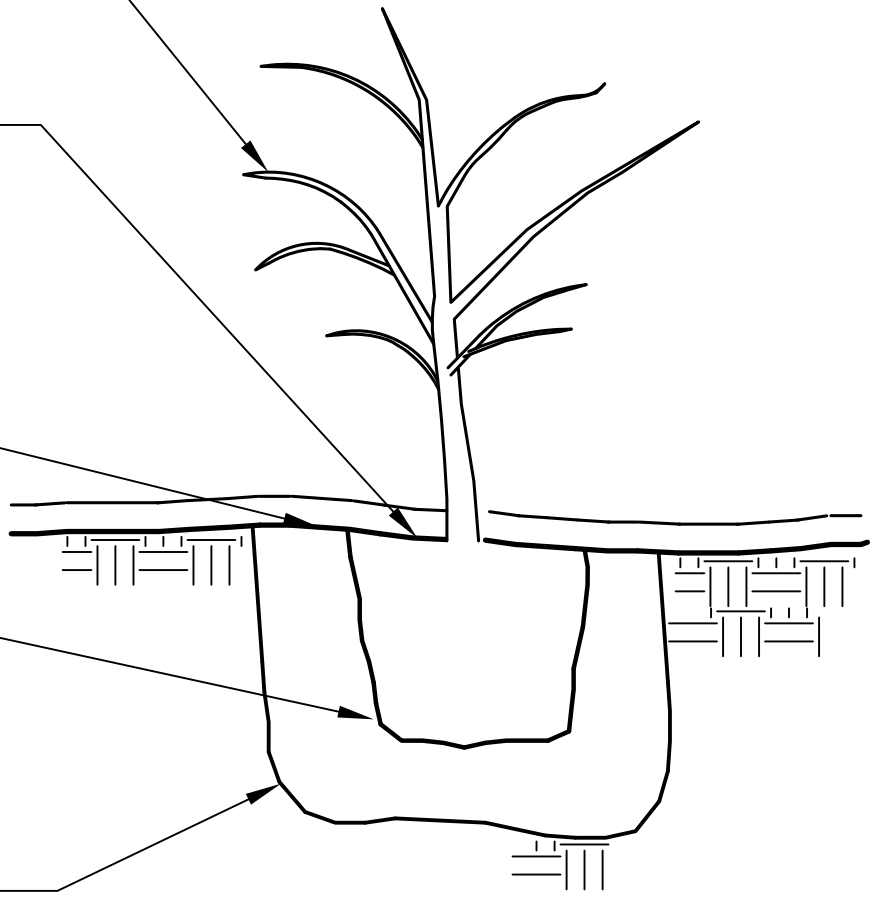
SHALL BE PLANTED WITH THE ROOT COLLAR LEVEL OR SLIGHTLY ABOVE FINISHED GRADE.

REMOVE TAGS AND LABELS.
PARTIALLY BACKFILL, WATER TO SETTLE SOIL, FINISH BACKFILLING.

LANDSCAPE FABRIC WITH 4" SHREDDED BARK MULCH THROUGHOUT ENTIRE SHRUB PLANTING BED.

REMOVE THE WIRING, TWINE OR ROPES, AND BURLAP FROM THE TOP AND SIDES OF THE ROOT BALL FOR BALLED AND BURLAPPED PLANTS.
REMOVE CONTAINERS AND CUT CIRCLING ROOTS IF PLANTS ARE CONTAINER GROWN.
SET SHRUBS PLUMB.

SCARIFY PLANTING PIT WALLS.
DIG HOLE AT LEAST TWICE THE WIDTH OF THE ROOT BALL.



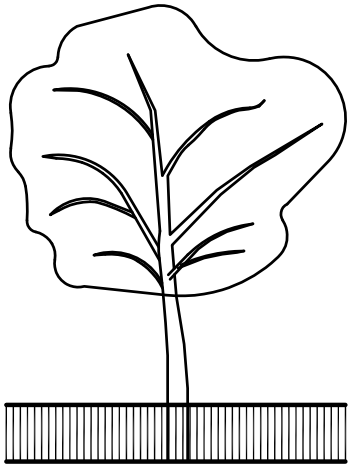
SHRUB PLANTING DETAIL

1/6/04

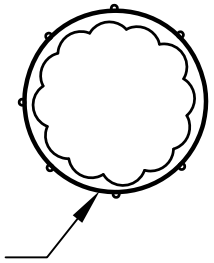
CITY OF ANDOVER

STANDARD DRAWING NO.

609A



ELEVATION VIEW



TREE PROTECTION DELINEATION

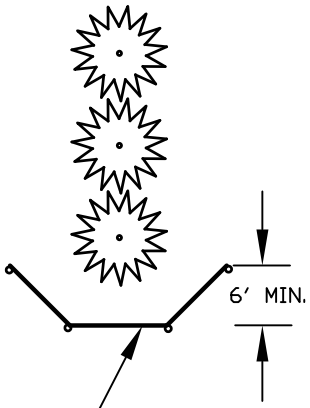
DELINEATION OF TREE LINE PROTECTION SHALL IDEALLY BE LOCATED AT THE OUTER PERIMETER OF THE DRIPLINE

NOTE: STANDARD 48" HIGH ORANGE SNOW FENCE OR ORANGE SILT FENCE REQUIRED

STEEL OR WOOD FENCE POSTS AS NEEDED

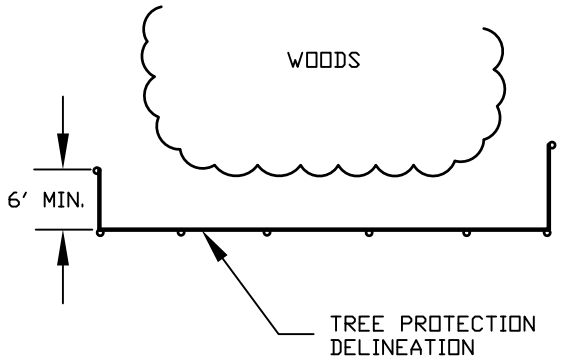
DELINEATION OF TREE LINE PROTECTION SHALL EXTEND CONTINUOUSLY THROUGH PROTECTION AREAS. TOTALLY SURROUND INDIVIDUAL SPECIMENS AS NOTED, OR EXTEND ACROSS THE FACE AND THE ENDS SHALL EXTEND 6FT. BACK FOR TREE LINE PROTECTION.

TREELINE



6' MIN.

TREE PROTECTION DELINEATION



TREE PROTECTION DELINEATION

TREE PROTECTION FENCING

1/6/04

CITY OF ANDOVER

STANDARD DRAWING NO.

610

NOTES:

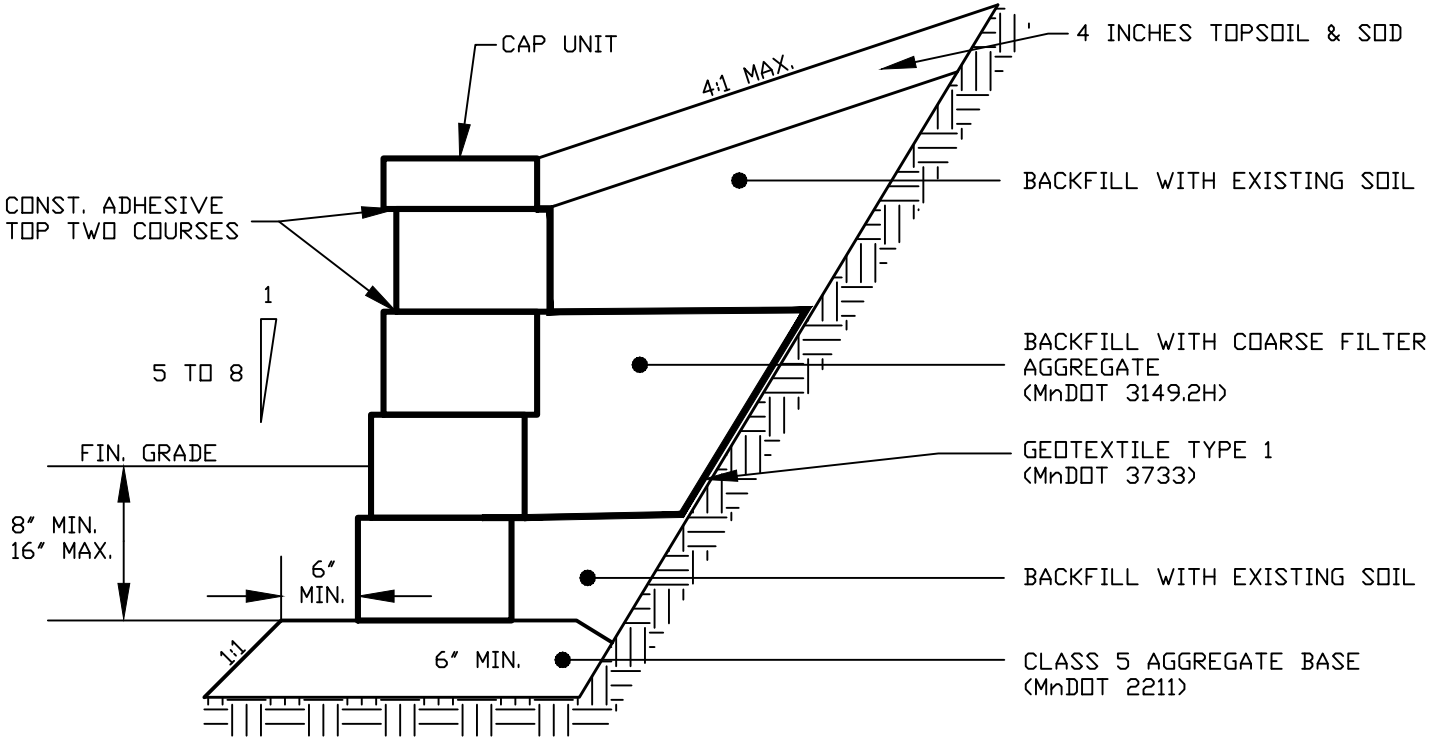
1) MAXIMUM EXPOSED HEIGHT NOT TO EXCEED 3.0'

2) FILL ALL VOID AREAS IN MODULAR BLOCK UNITS WITH COARSE FILTER AGGREGATE (MnDOT 3149.2H)

3) MODULAR BLOCK UNITS MUST HAVE INTERLOCKING LIP OR PIN CONNECTIONS

4) RETAINING WALL LOCATION SHOWN ON PLANS.

5) CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR PROPOSED MODULAR BLOCK UNITS



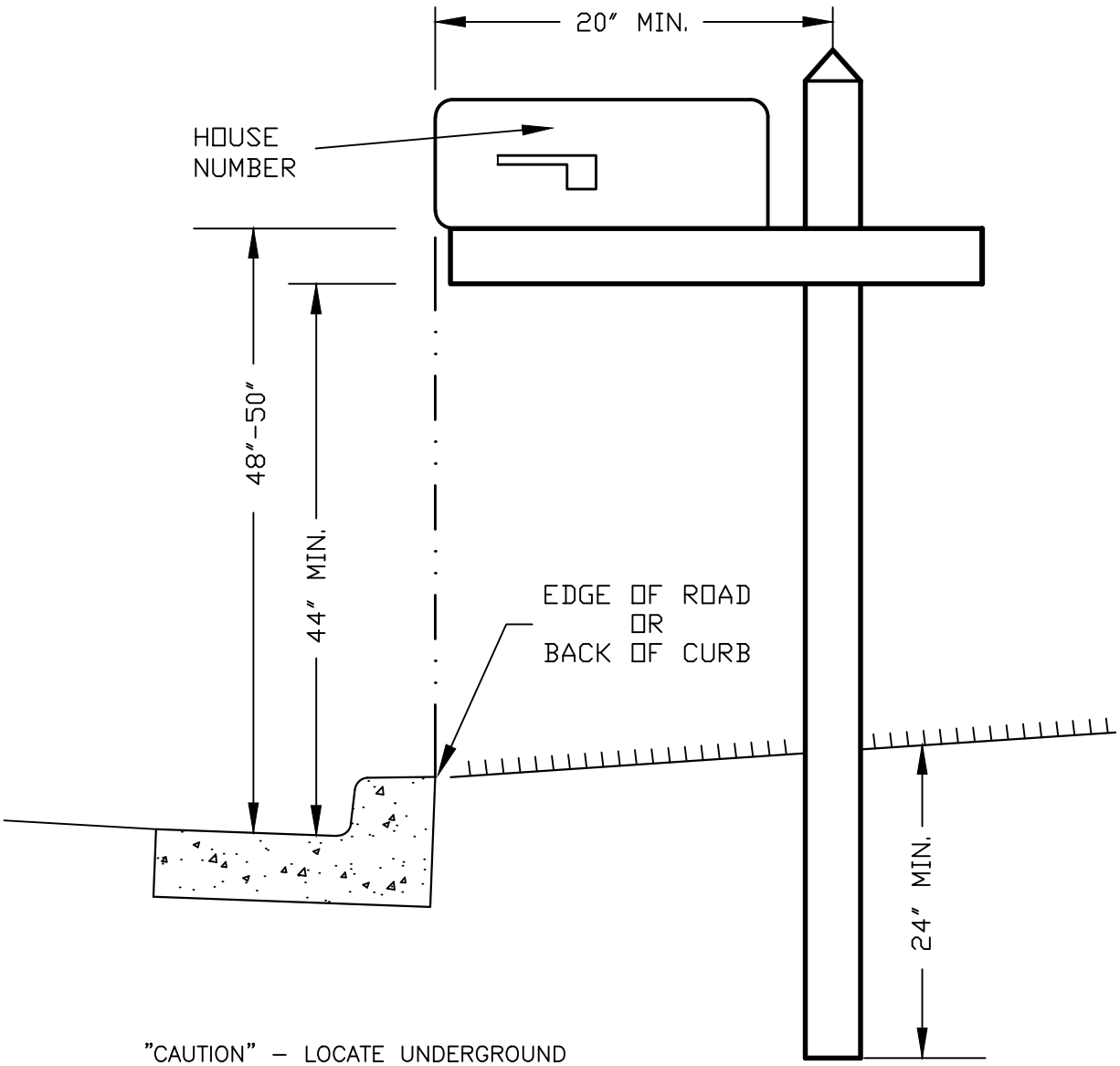
RETAINING WALL

3/17/14

CITY OF ANDOVER

STANDARD DRAWING NO.

611A



"CAUTION" – LOCATE UNDERGROUND UTILITIES; GAS, TELEPHONE, ELECTRICAL, CABLE TV

HAVE BOX EXTEND AS FAR IN FRONT OF SUPPORT POST AS POSSIBLE (THIS PREVENTS POSSIBLE SNOW PLOW DAMAGE).

ADDRESS MUST BE ON SIDE OF BOX FROM WHICH CARRIER APPROACHES, IN LETTERS ABOUT ONE INCH HIGH OR ON FRONT WHERE BOXES ARE GROUPED.

BOX MUST BE LOCATED SO CARRIER CAN SERVE WITHOUT LEAVING VEHICLE.

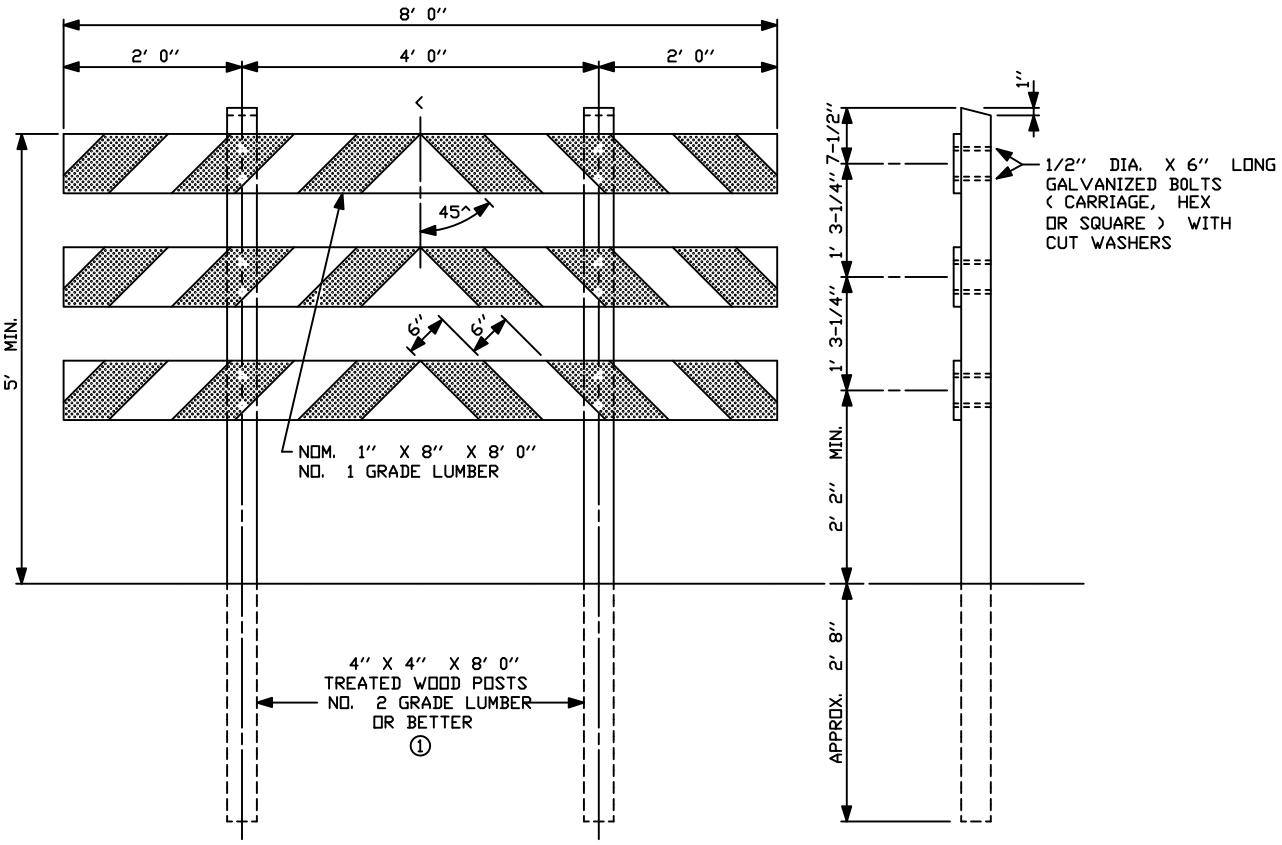
FACE OF MAIL BOX TO LINE UP WITH BACK OF CURB.

3/20/13

CITY OF ANDOVER

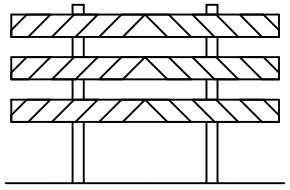
STANDARD DRAWING NO.

614A

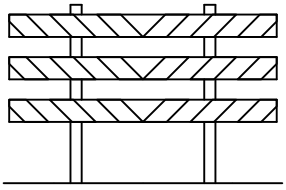


ELEVATION
(TURNS PERMITTED SHOWN)

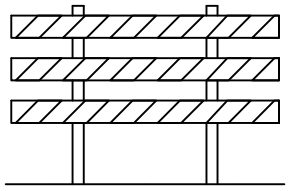
END VIEW



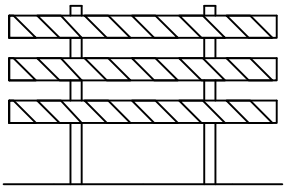
TOTALLY CLOSED ROADWAY
TURNS PERMITTED



TOTALLY CLOSED ROADWAY
NO TURNS PERMITTED



TOTALLY CLOSED ROADWAY
LEFT TURN ONLY



TOTALLY CLOSED ROADWAY
RIGHT TURN ONLY

NOTES:

THE BARRICADE BOARD FACE SURFACES SHALL BE FULLY REFLECTORIZED IN ALTERNATE SILVER-WHITE AND RED STRIPING, USING REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS OF SPEC. 3352.2A2b, STANDARD NO. 2.

PRIOR TO INSTALLING THE REFLECTIVE SHEETING, THE BARRICADE BOARDS SHALL BE GIVEN A COMPLETE COATING OF WHITE WOOD PRIMER PAINT FOLLOWED BY A SECOND COAT OF WHITE EXTERIOR PAINT APPLIED ONLY TO THE SURFACES NOT COVERED WITH REFLECTIVE SHEETING.

THE BARRICADE BOARDS SHALL BE COMPLETELY PAINTED AND REFLECTORIZED SHEETING APPLIED BEFORE BEING INSTALLED ON THE POSTS.

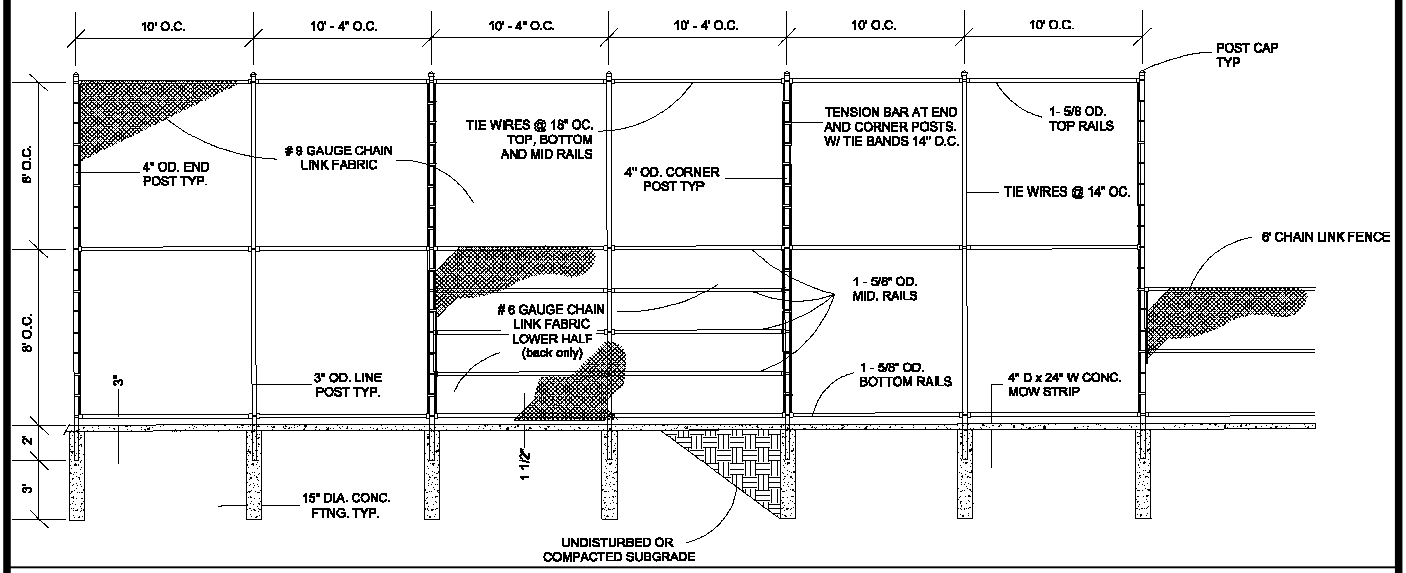
① ALTERNATE MATERIALS FOR POSTS MAY BE USED WHEN APPROVED BY THE OFFICE OF TRAFFIC ENGINEERING.

PERMANENT BARRICADE

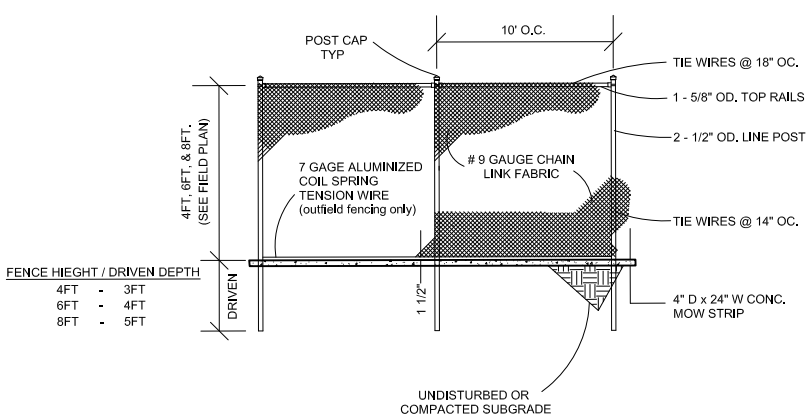
CITY OF ANDOVER

STANDARD DRAWING NO.

615



BACKSTOP



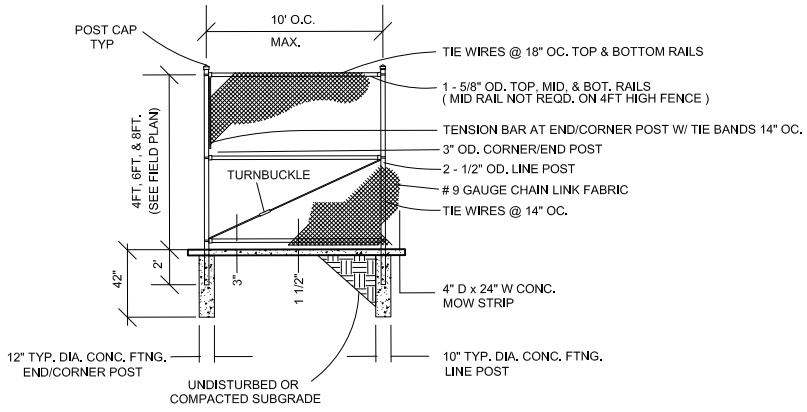
NOTE: INFIELD FENCING SHALL HAVE 1 - 5/8" OD. BOTTOM RAILS IN LIEU OF STEEL TENSION WIRE.

NOTE: ALL CONCRETE SHALL BE 3900 PSI ENTRAINED AIR

NOTE: POST AND RAILS SHALL BE SCH. 40. POST, RAILS, AND ACCESSORIES SHALL BE GALVANIZED TO THE LATEST ASTM DESIGNATION.

NOTE: CHAIN LINK FABRIC SHALL BE ALUMINIZED 2" MESH (GAUGE AS NOTED).

LINE SECTION

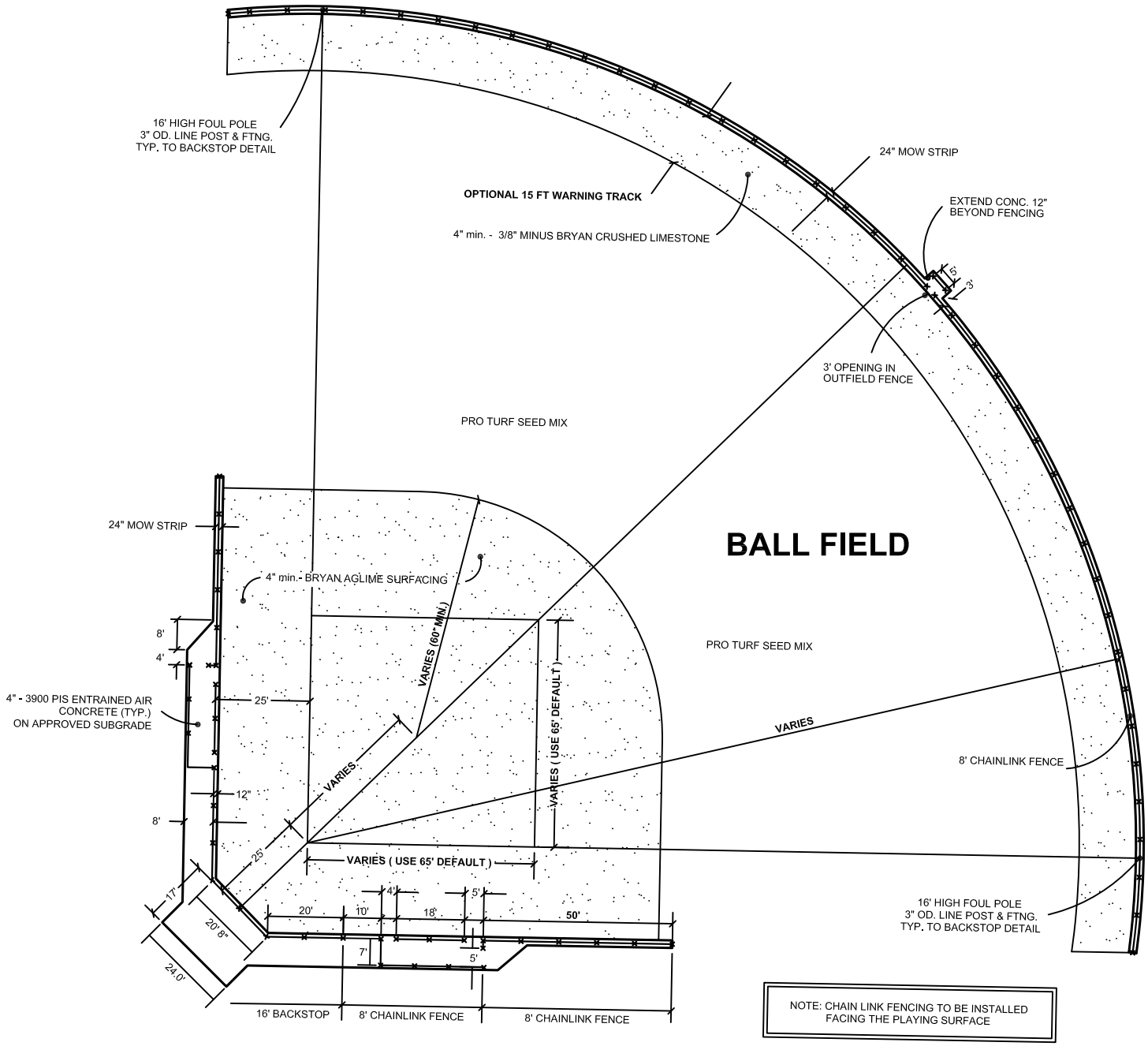


PULL, END OR CORNER POST & ADJACENT LINE POST

CITY OF ANDOVER

STANDARD DRAWING NO.

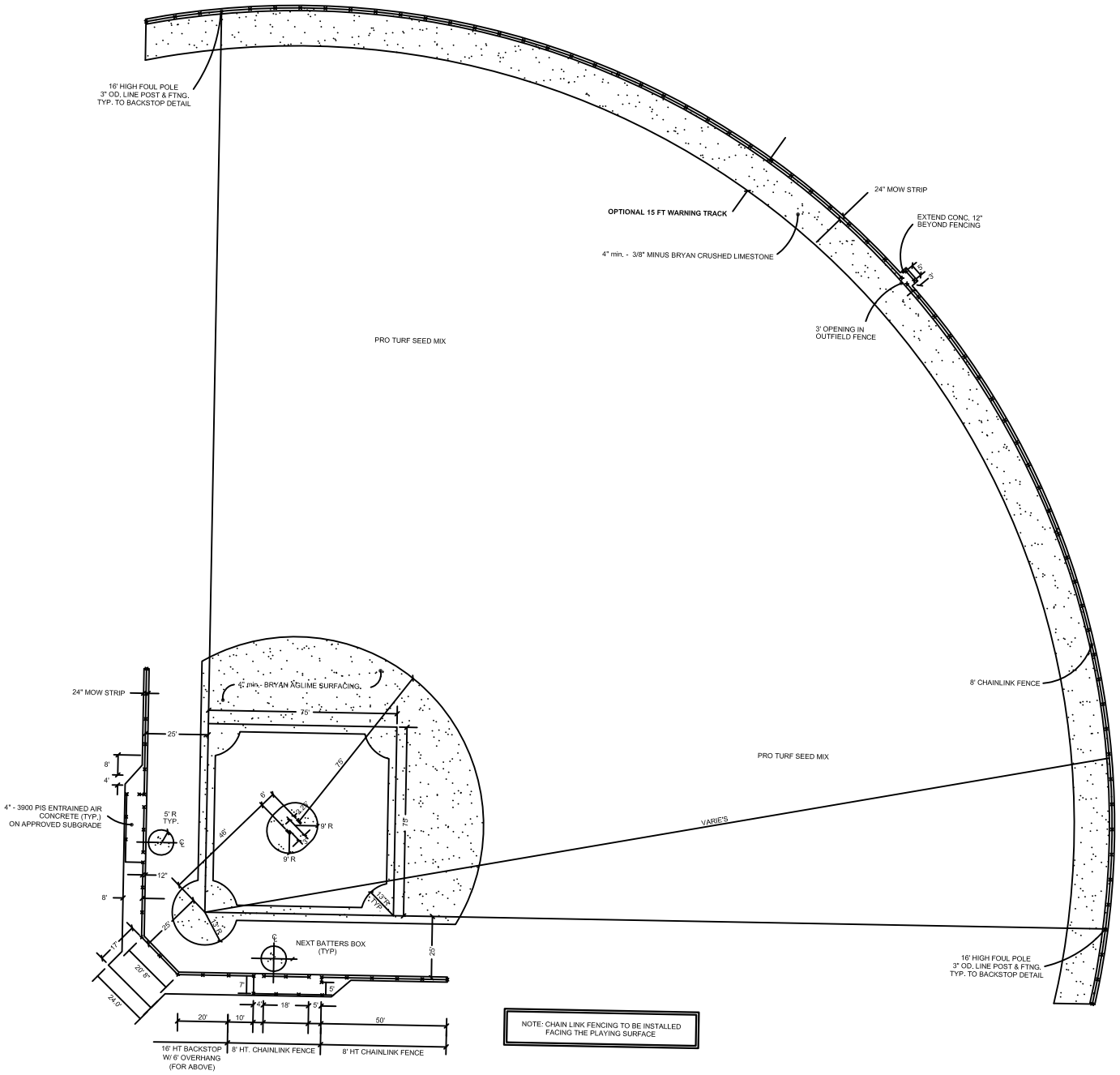
616



12/28/05

CITY OF ANDOVER

STANDARD DRAWING
NO.
617A

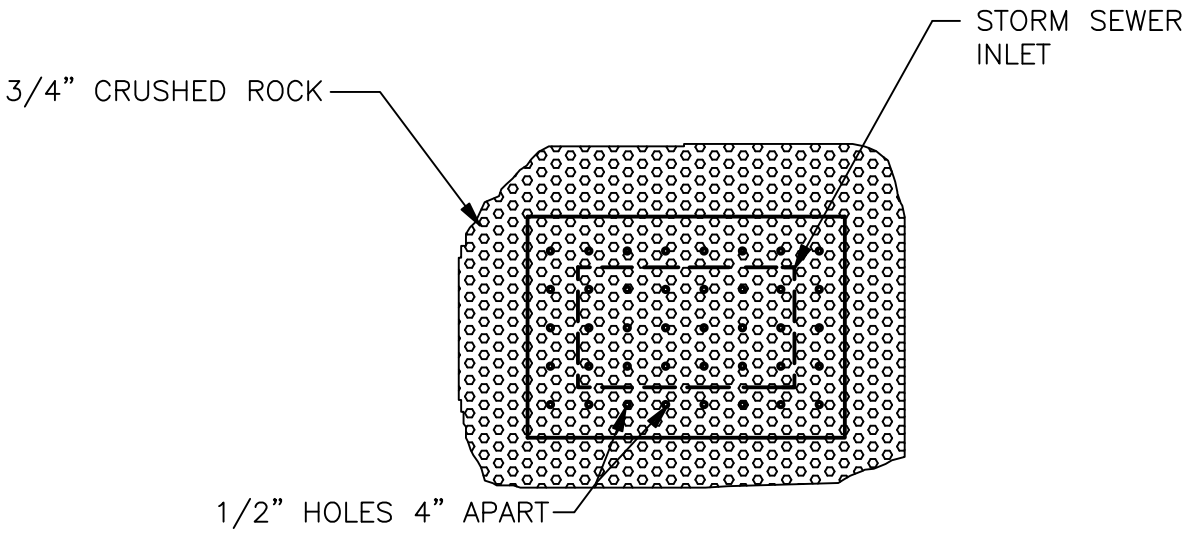


12/28/05

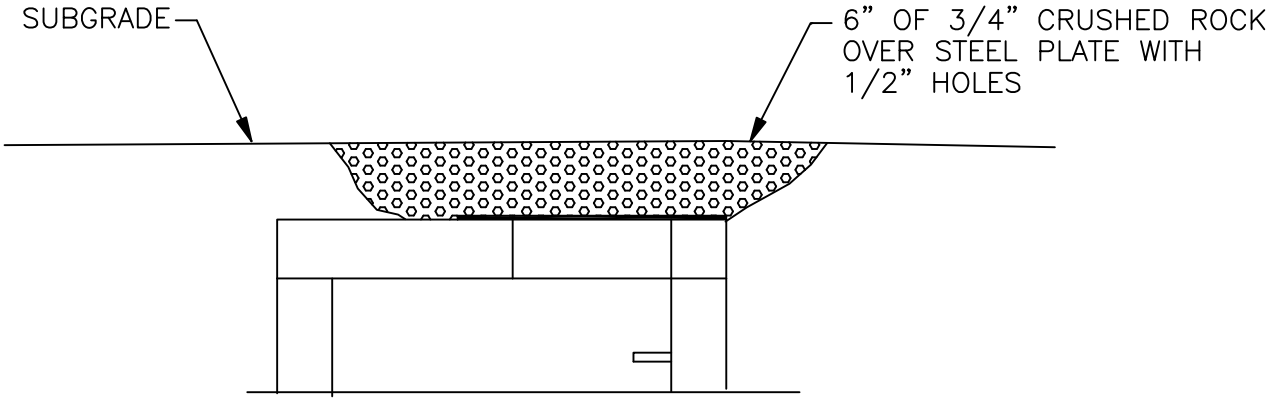
CITY OF ANDOVER

STANDARD DRAWING NO.

618A



PLAN



SECTION

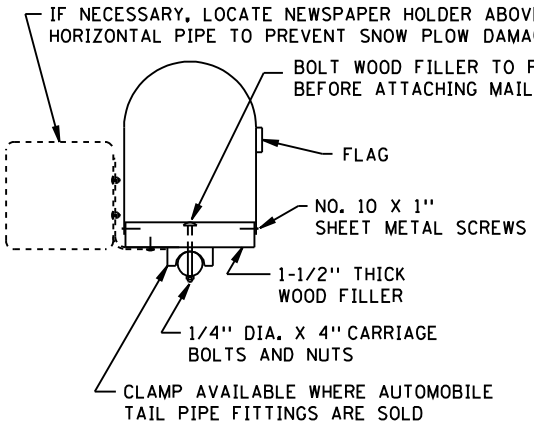
ROCK FILTER FOR STORM SEWER INLET

NO SCALE

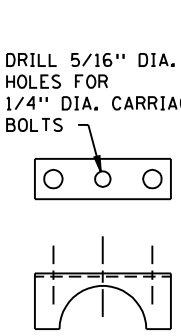
2/19/09

CITY OF ANDOVER

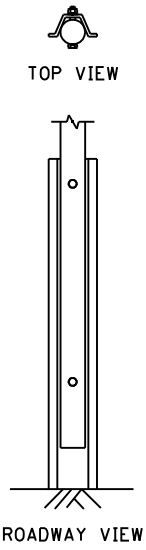
STANDARD DRAWING NO.
619



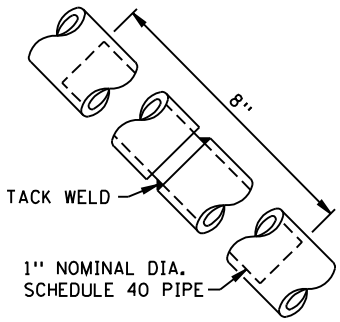
SECTION A-A



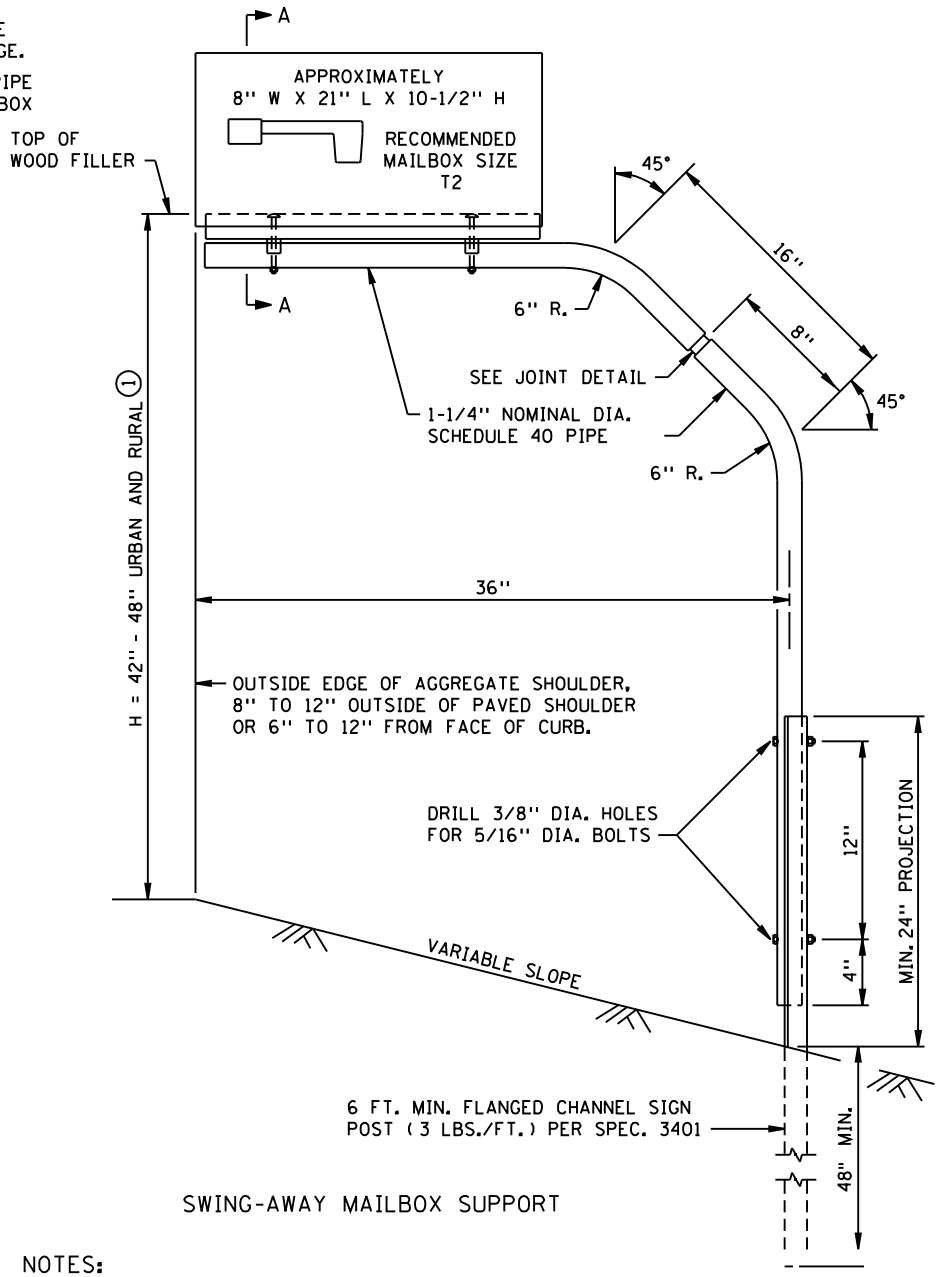
TAIL PIPE CLAMP DETAIL



PIPE/POST CONNECTION



JOINT DETAIL



SWING-AWAY MAILBOX SUPPORT

NOTES:

MAILBOX LOCATIONS SHOULD BE STAKED BEFORE INSTALLATION FOR PROPER HEIGHT AND DISTANCE FROM THE ROADWAY. ONCE STAKED, THE INSTALLER MUST NOTIFY THE ENGINEER AND THE POST OFFICE. THE ENGINEER AND THE POSTMASTER SHALL APPROVE THE STAKED LOCATIONS PRIOR TO FINAL INSTALLATION.

IN ACCORDANCE WITH THE CRASH TEST REPORT, THE RECOMMENDED MINIMUM SPACING CENTER TO CENTER BETWEEN MULTIPLE MAILBOXES OF THIS TYPE SHALL BE EQUAL TO THE HEIGHT OF EACH PARTICULAR MAILBOX. SEE NOTE 1.

OTHER MAILBOX SUPPORT DESIGNS MAY BE USED IF THEY SATISFY NCHRP REPORT 350 CRITERIA IN ACCORDANCE WITH FHWA ACCEPTANCE LETTER, MEET MINNESOTA RULES 8818 AND U.S. POST OFFICE RECOMMENDATIONS AND ARE IN COMPLIANCE WITH MN/DOT REQUIREMENTS WHICH MAY INCLUDE THE FOLLOWING:

PIPE SHALL CONFORM TO SPEC. 3362, SCHEDULE 40 OF ASTM A53/A53M.
ALL FASTENERS SHALL CONFORM TO SPEC. 3391.
PIPES, POST AND OTHER STEEL COMPONENTS SHALL BE GALVANIZED PER SPEC. 3392.

THE CONTRACTOR SHALL SEND THE PROJECT ENGINEER SHOP DRAWINGS FOR APPROVAL. FOR MAILBOX SUPPORTS SUBMITTED FOR APPROVAL, THE BASIC DESIGN DIMENSIONS SHALL BE AS SHOWN ON THIS DETAIL DRAWING.

FOR QUESTIONS REGARDING DESIGN ELEMENTS AND BREAKAWAY FEATURES, CONTACT THE DESIGN STANDARD UNIT.

(1) ANY CHANGE IN HEIGHT MUST BE APPROVED BY LOCAL POSTMASTER.

MEETS NCHRP 350 CRASH TESTING FOR SPEEDS 40 MPH OR GREATER

CERTIFIED BY _____
LICENSED PROFESSIONAL ENGINEER

LICENSE NO. _____ DATE _____

REFERENCE DATE 4-26-06

MAILBOX SUPPORT

STATE PROJ. NO. SHEET NO. OF SHEETS

FILE NAME MAILBOXSUPPOR_LINA.DGN