

NEENAH FOUNDRY
MODEL R-3015
CURB INLET

RIM ELEVATION
(SEE MANHOLE
AND CATCH BASIN
SCHEDULE)

PROVIDE A
MIN. OF (2)
ADJ. RINGS

PRECAST
CONCRETE TOP

REINFORCED
CONCRETE PIPE

SEAL ALL
JOINTS
WATERTIGHT

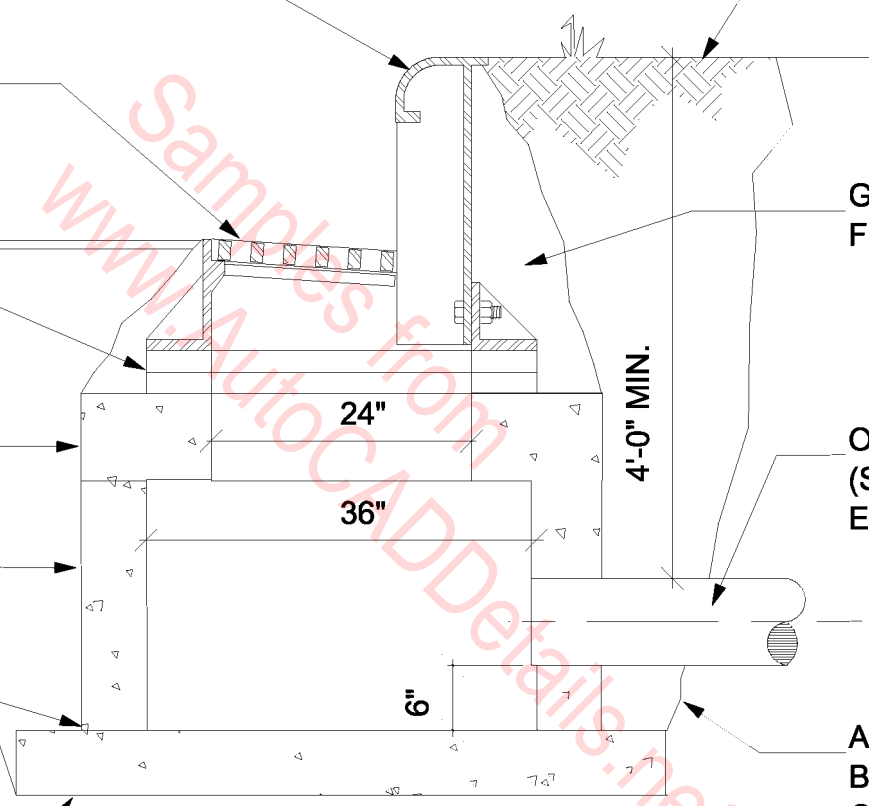
6" PRECAST
REINFORCED BASE

GRADE

GROUT AROUND
FRAME AS SHOWN

OUTLET ELEVATION
(SEE PLANS FOR
ELEVATIONS)

ALL EXCAVATION &
BACKFILL BY PLUMBING
CONTRACTOR. BACKFILL
w/ GRANULAR FILL



AREA DRAIN DETAIL

NOTE: NONE OF THE b&b TREES ARE TO BE STAKED UNLESS INDICATED

TYPICAL B&B TREE

NOTE: ALL TREES SHOULD BE PRUNED ONLY AFTER INSTALLATION AND WATERING-IN THE TREE - PRUNE TO GROWERS SPECIFICATIONS

NOTE: ALL TREES SHALL COMPLY WITH THE AMERICAN STANDARDS FOR NURSERY STOCK - INCLUDING TREE PIT DEPTH AND WIDTH

PLASTIC SPIRAL TREE PROTECTION

SHREDDED HARDWOOD BARK MULCH

3-4" MUDDLE RING

TREE BALL

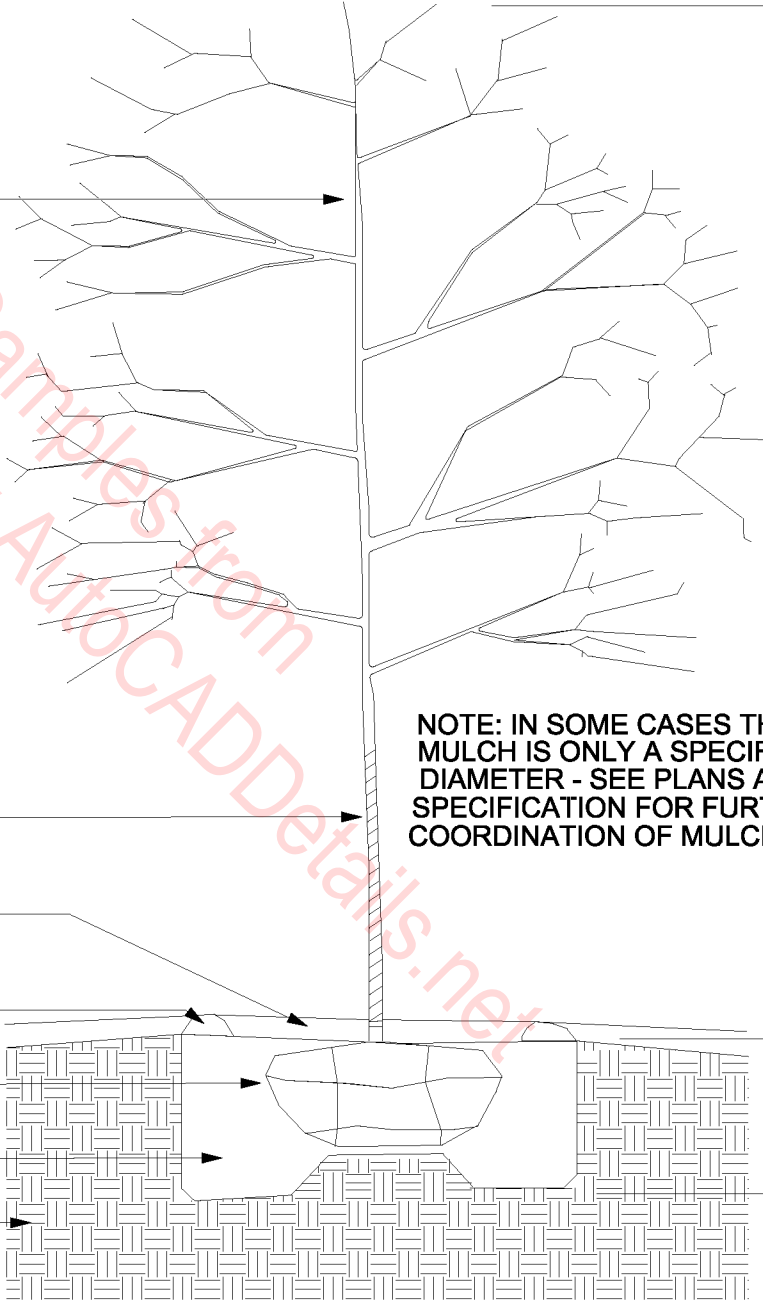
PLANTING SOIL

CONSTRUCTION SOIL

NOTE: IN SOME CASES THE MULCH IS ONLY A SPECIFIED DIAMETER - SEE PLANS AND SPECIFICATION FOR FURTHER COORDINATION OF MULCHING

VARIABLES W/ THE TYPE OF TREE SPECIFIED

VARIABLES



BALLED & BURLAPPED DECIDUOUS TREE DETAIL

NOTE: ALL TREES OVER 1-1/4" ARE TO BE STAKED (2 PER TREE) AS SPECIFIED, UNDER 1-1/4" CA. NOT STAKED

NOTE: IN SOME CASES THE MULCH IS ONLY A SPECIFIED DIAMETER - SEE PLANS AND SPECIFICATION FOR FURTHER COORDINATION OF MULCHING

TYP. BARE ROOT TREE

MANUFACTURED CLOTH TREE ANCHORS (NOT HOSE)

2" X 2" PRESSURE-TREATED TREE STAKES (3' INTO GROUND)

PLASTIC SPIRAL TREE PROTECTION

SHREDDED HARDWOOD

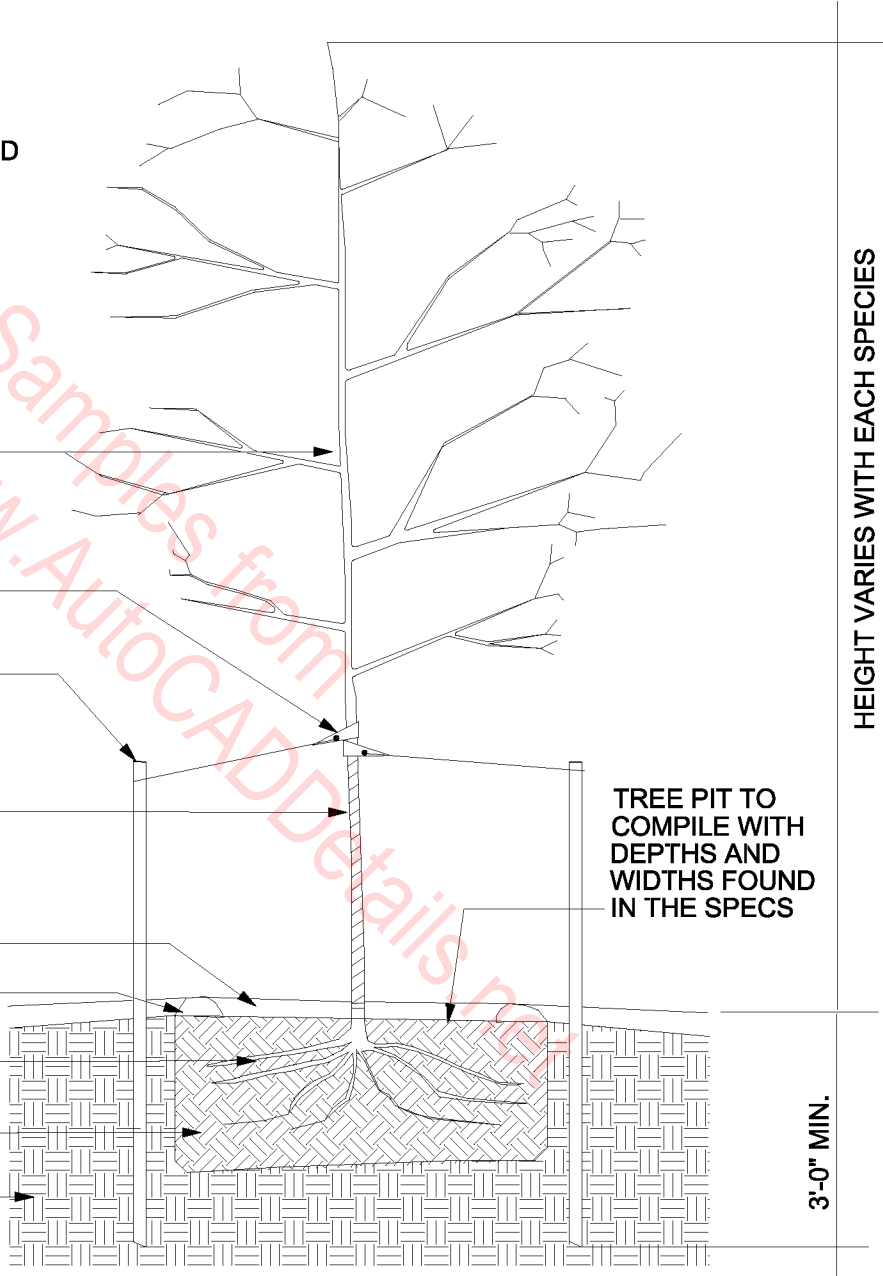
BARK MULCH

3-4" MUDDLE RING

ROOT SYSTEM

PLANTING SOIL

CONSTRUCTION SOIL



TREE PIT TO COMPILE WITH DEPTHS AND WIDTHS FOUND IN THE SPECS

HEIGHT VARIES WITH EACH SPECIES

3'-0" MIN.

BARE ROOT DECIDUOUS TREE PLANTING DETAIL

NOTE: IN SOME CASES THE MULCH IS ONLY A SPECIFIED DIAMETER - SEE PLANS AND SPECIFICATION FOR FURTHER COORDINATION OF MULCHING

TYPICAL BARE ROOT DECIDUOUS SHRUB

SHREDDED HARDWOOD BARK MULCH

3-4" MUDDLE RING

ROOT SYSTEM

PLANTING SOIL

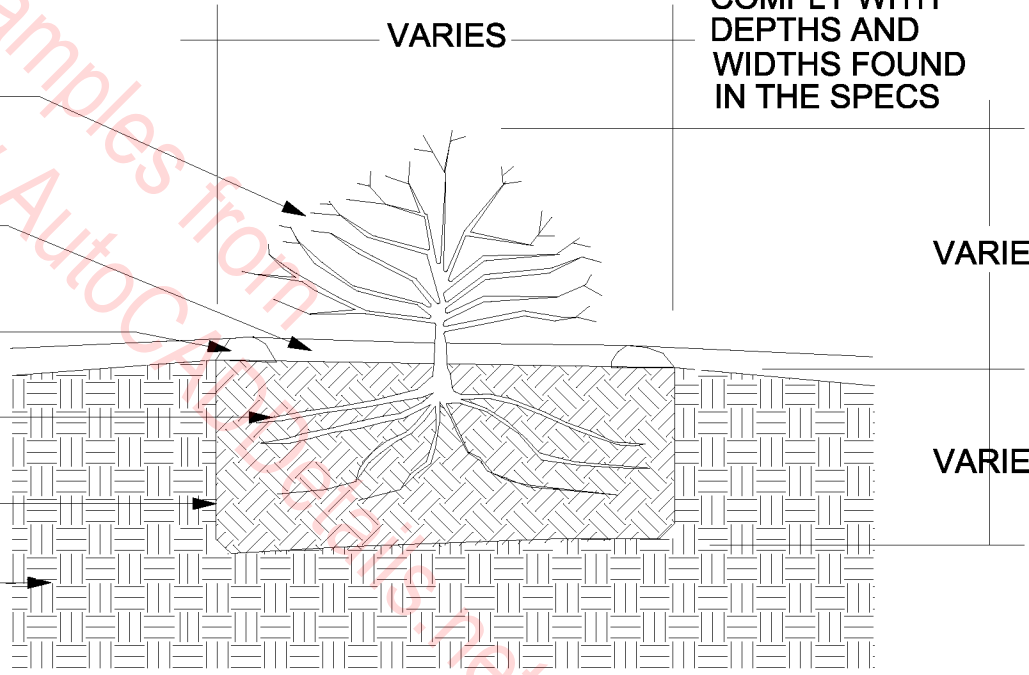
CONSTRUCTION SOIL

VARIES

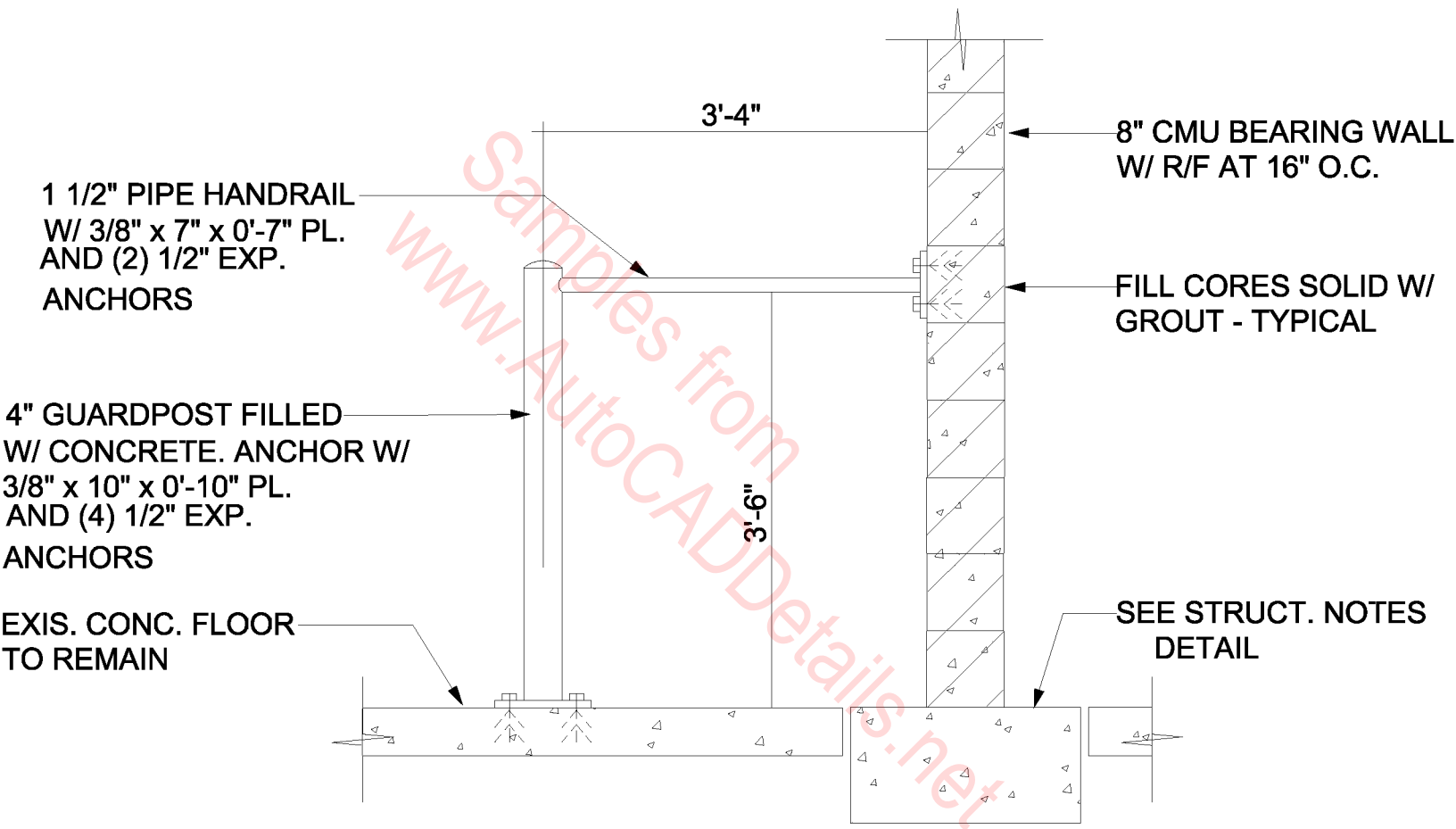
SHRUB PIT TO COMPLY WITH DEPTHS AND WIDTHS FOUND IN THE SPECS

VARIES

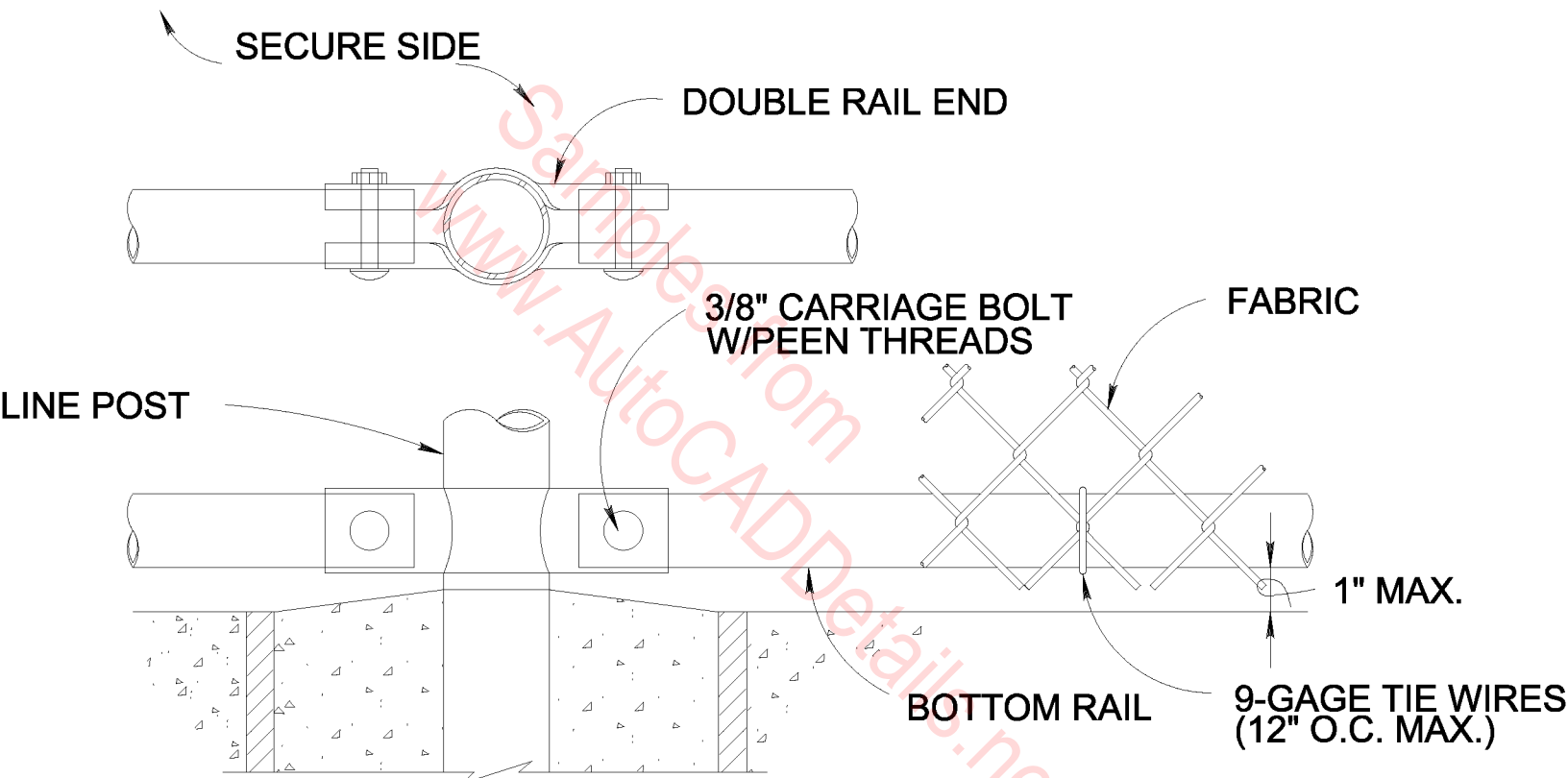
VARIES



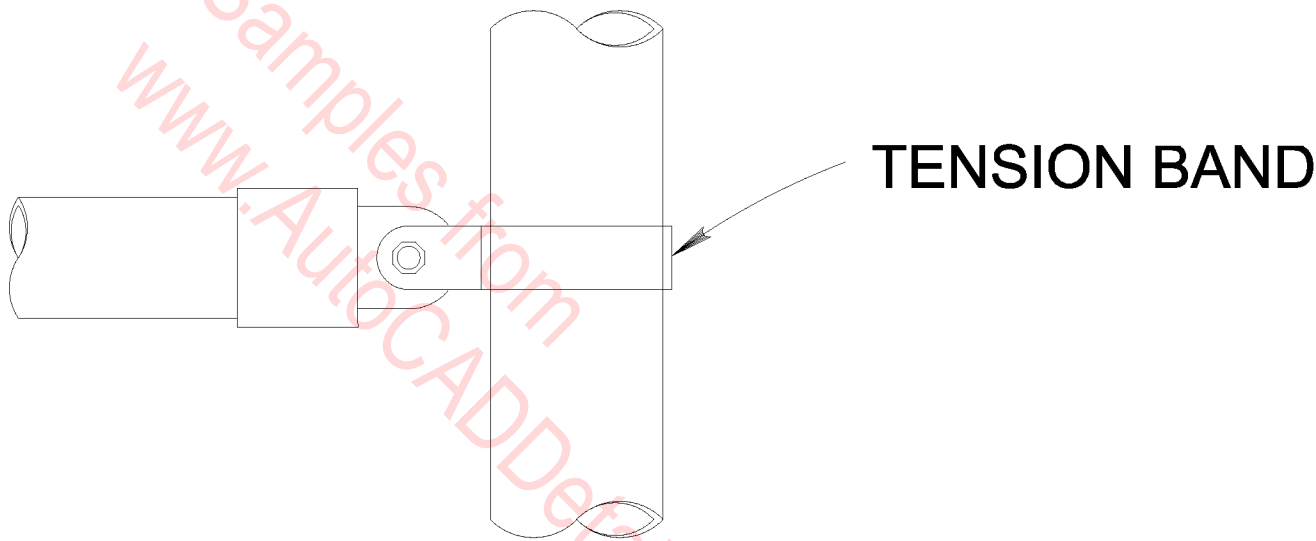
BARE ROOT PLANTING DETAIL



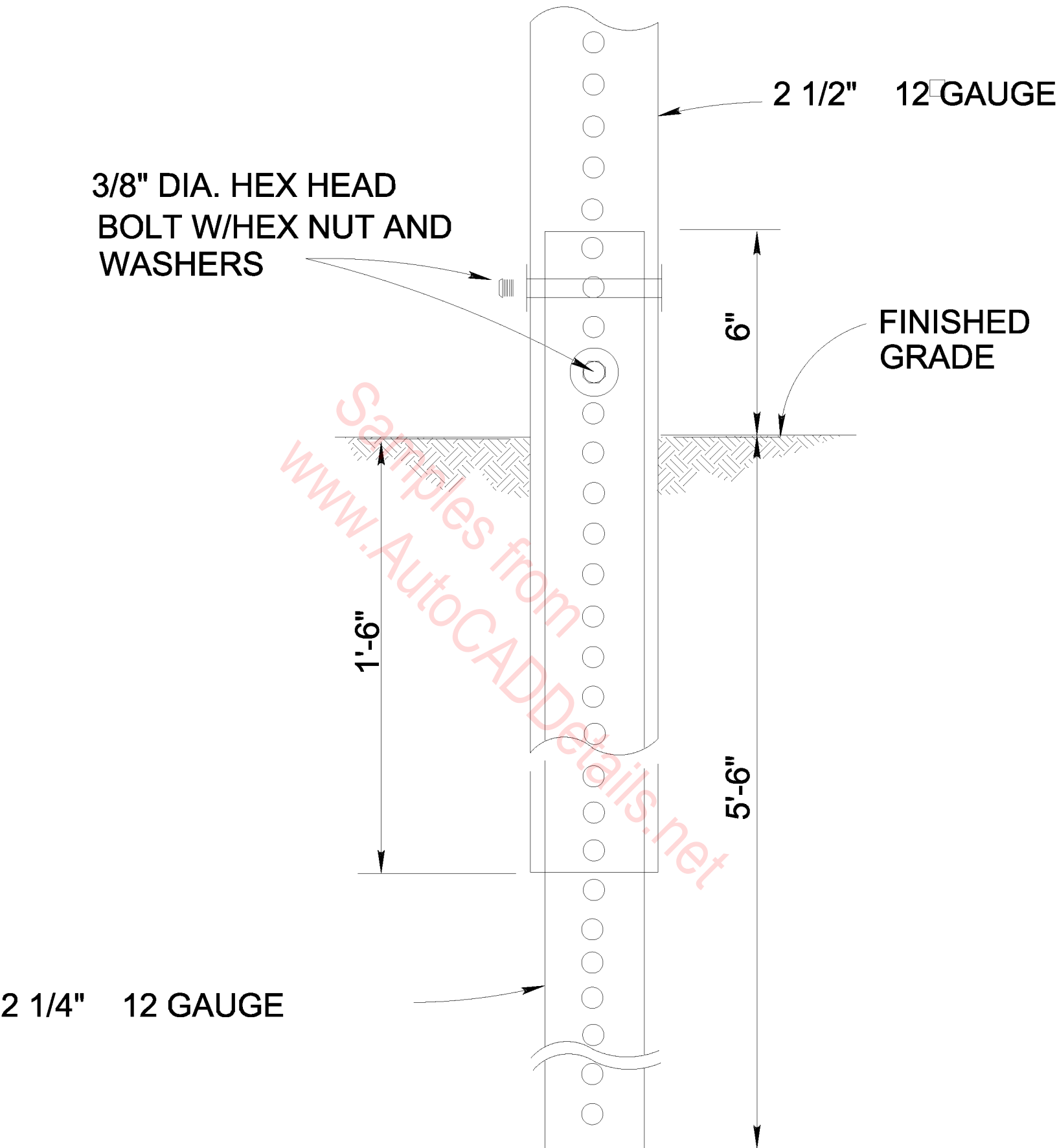
BOLLARD DETAIL



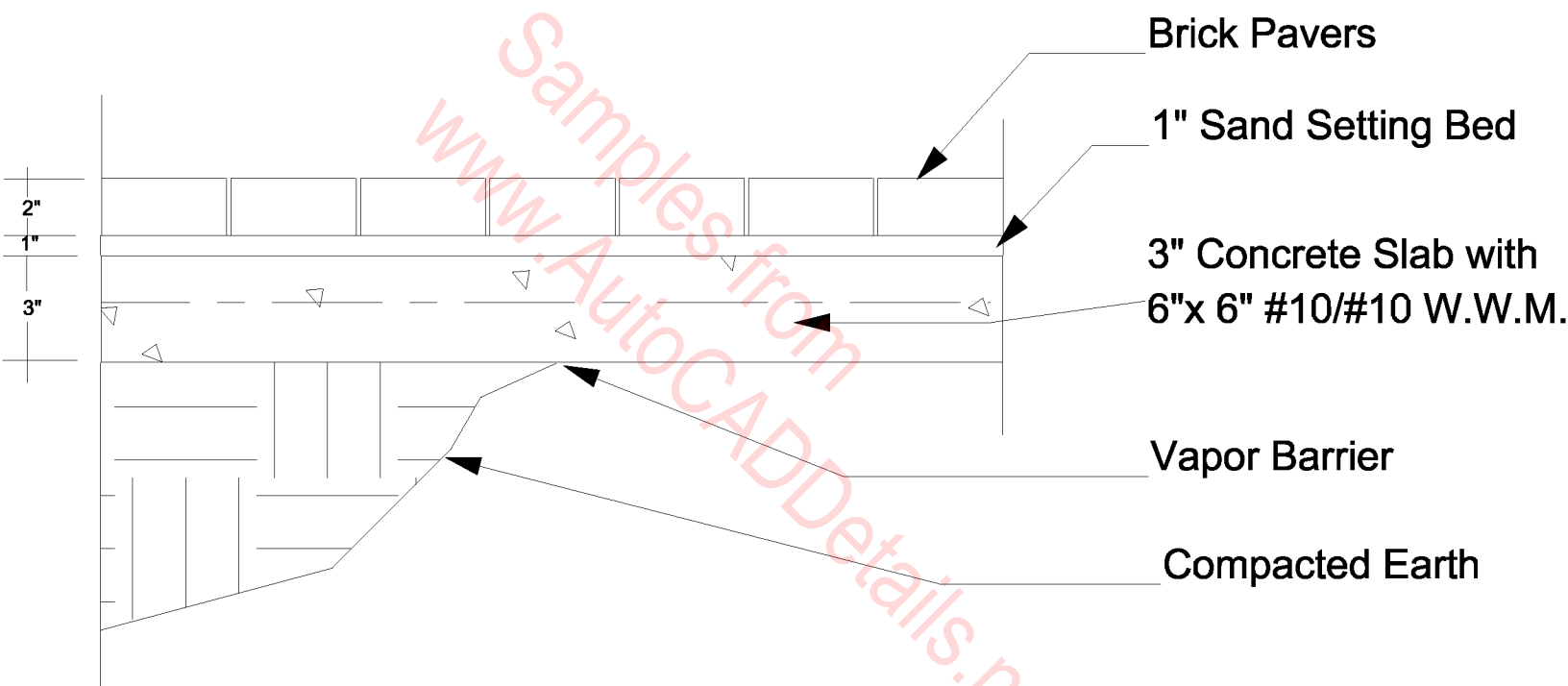
BOTTOM RAIL DETAILS



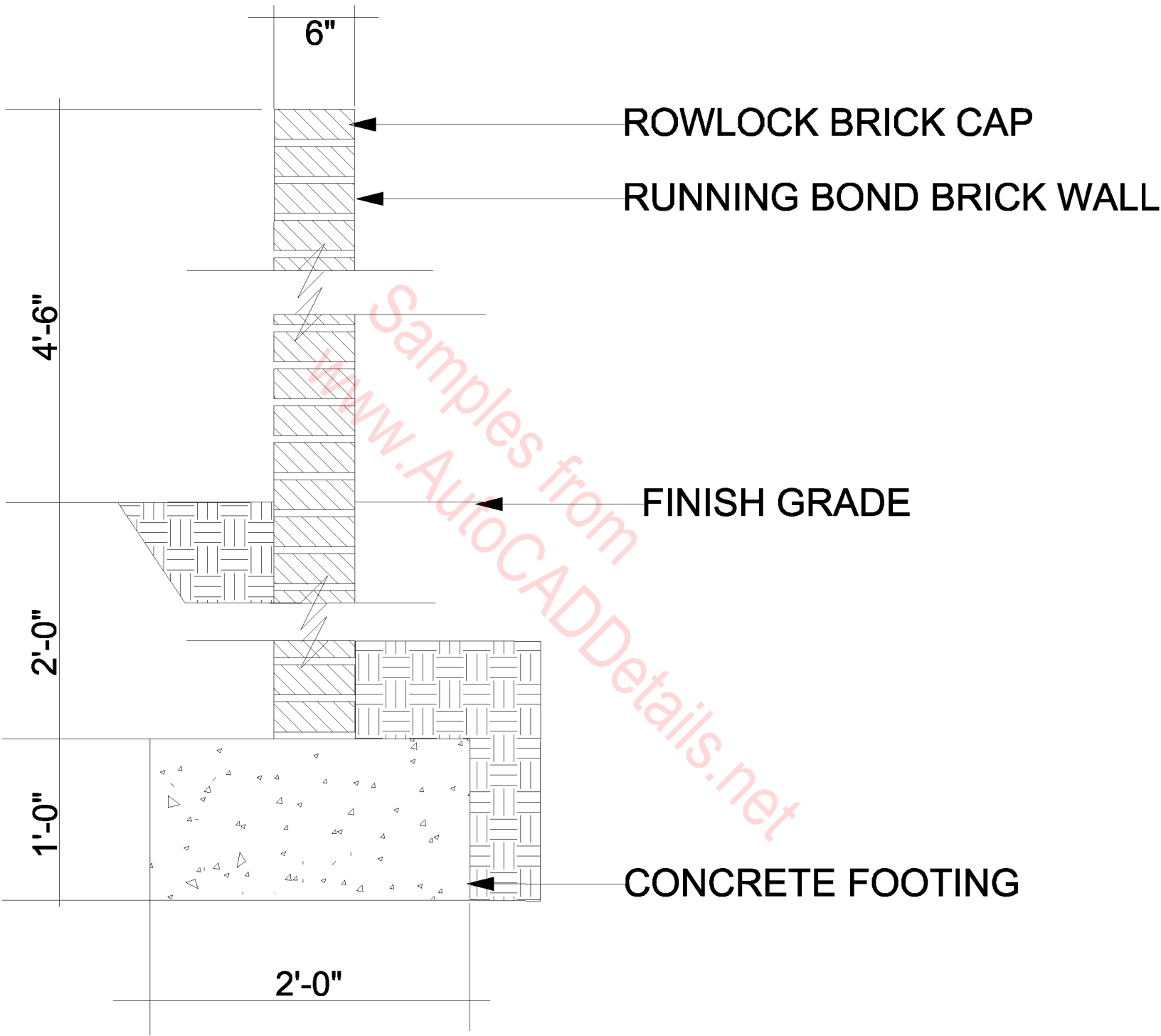
BRACE RAIL CLAMP DETAIL



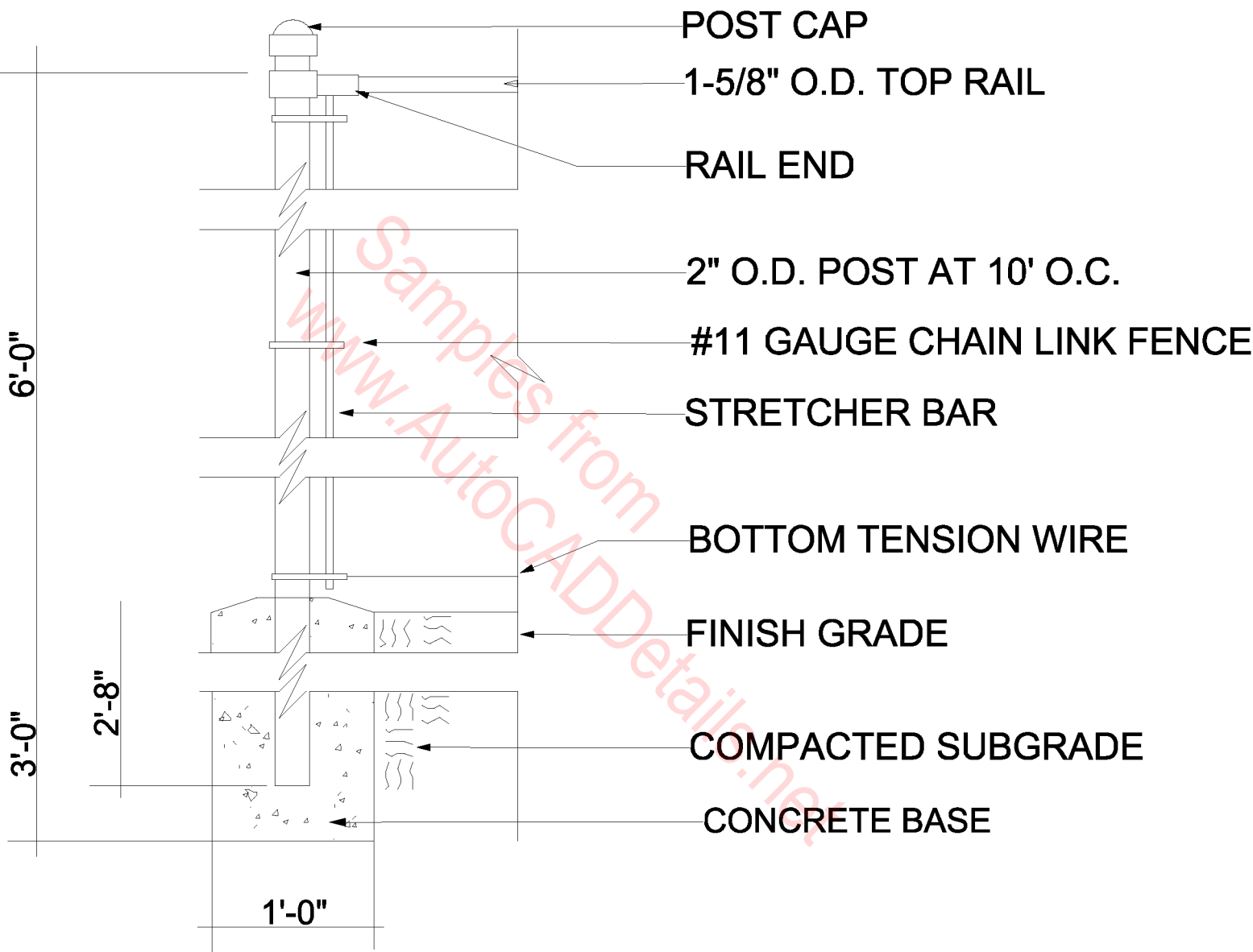
BREAK-AWAY DETAIL



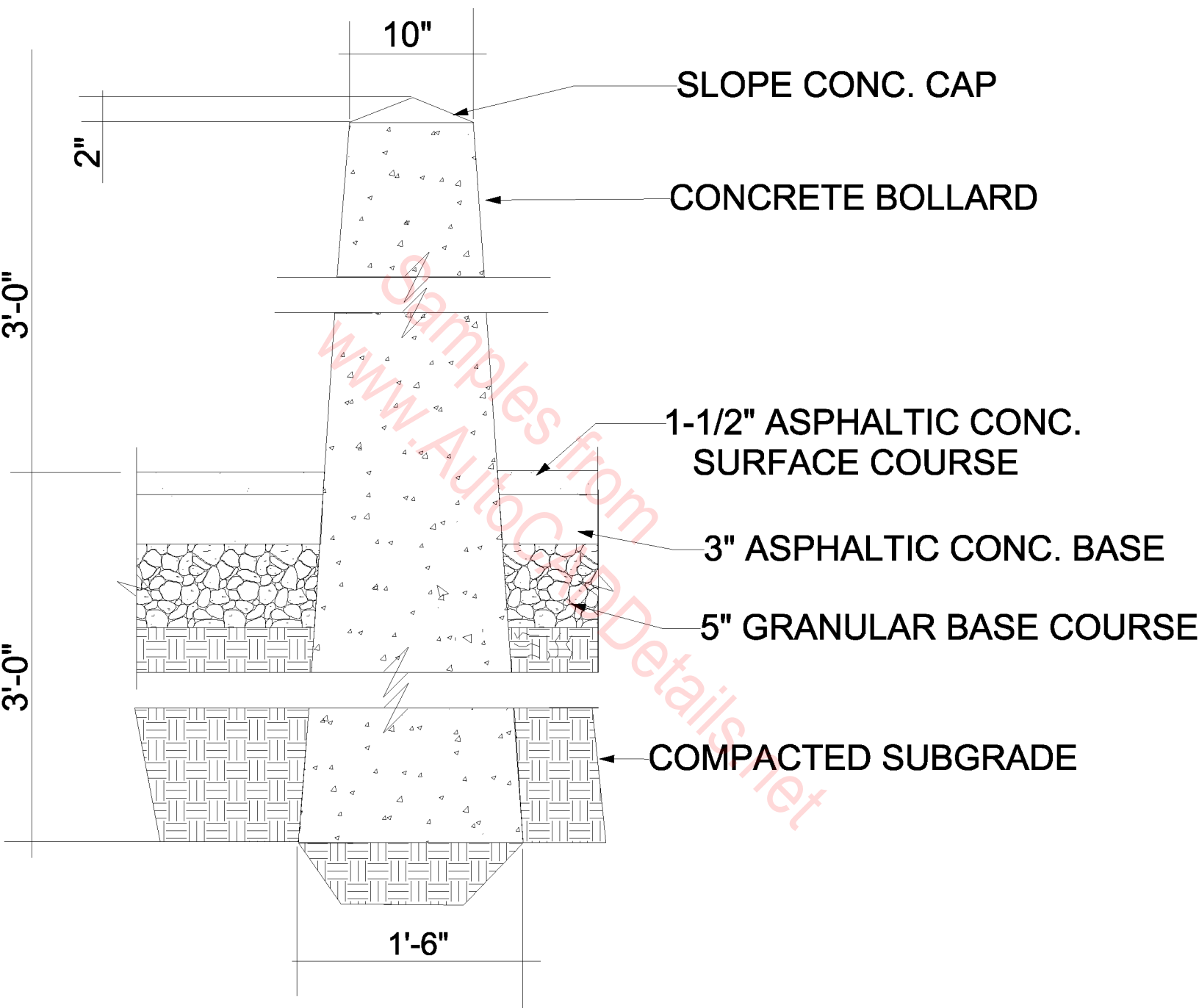
Brick Paving on Sand & Concrte Slab



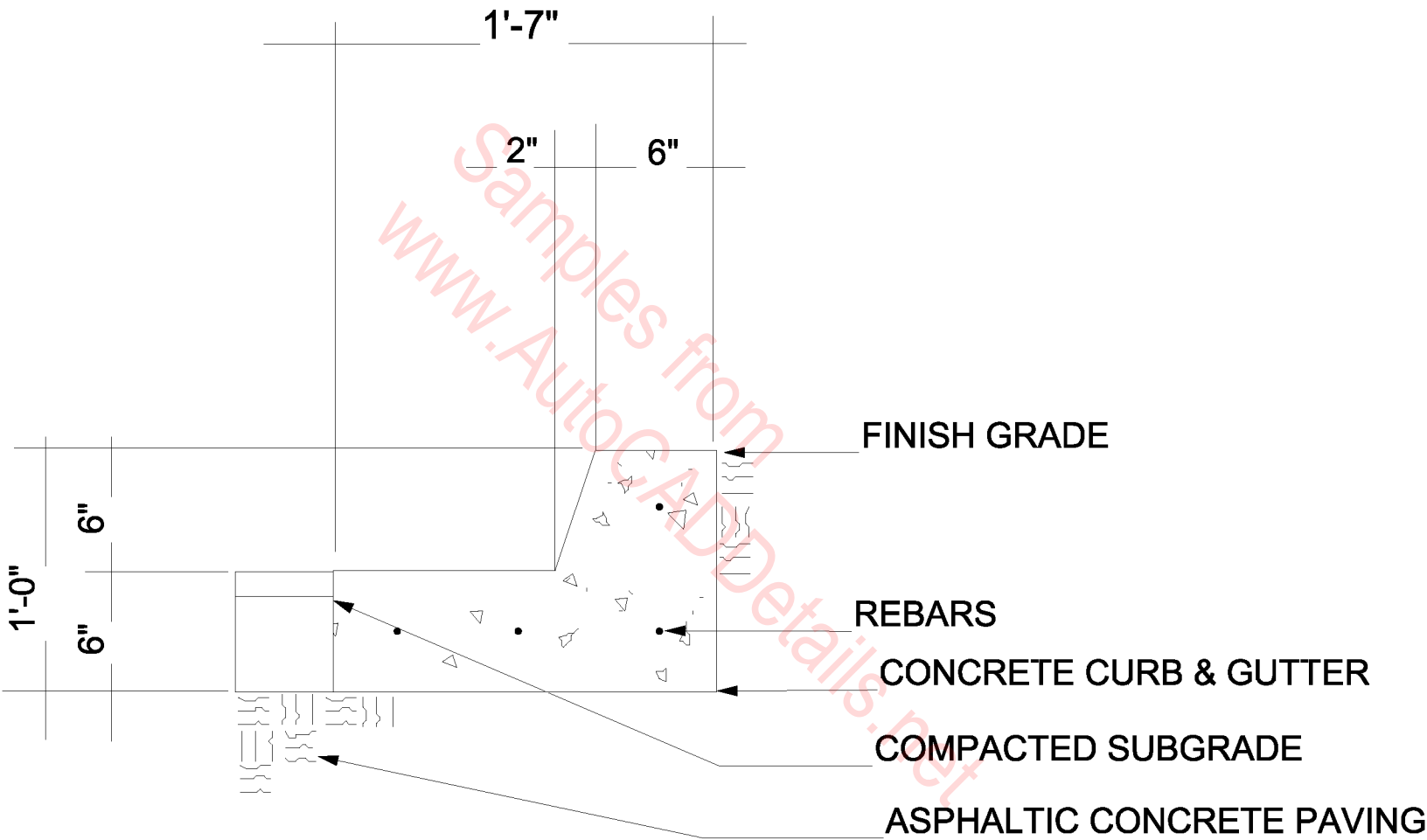
BRICK YARD WALL



CHAIN LINK FENCE

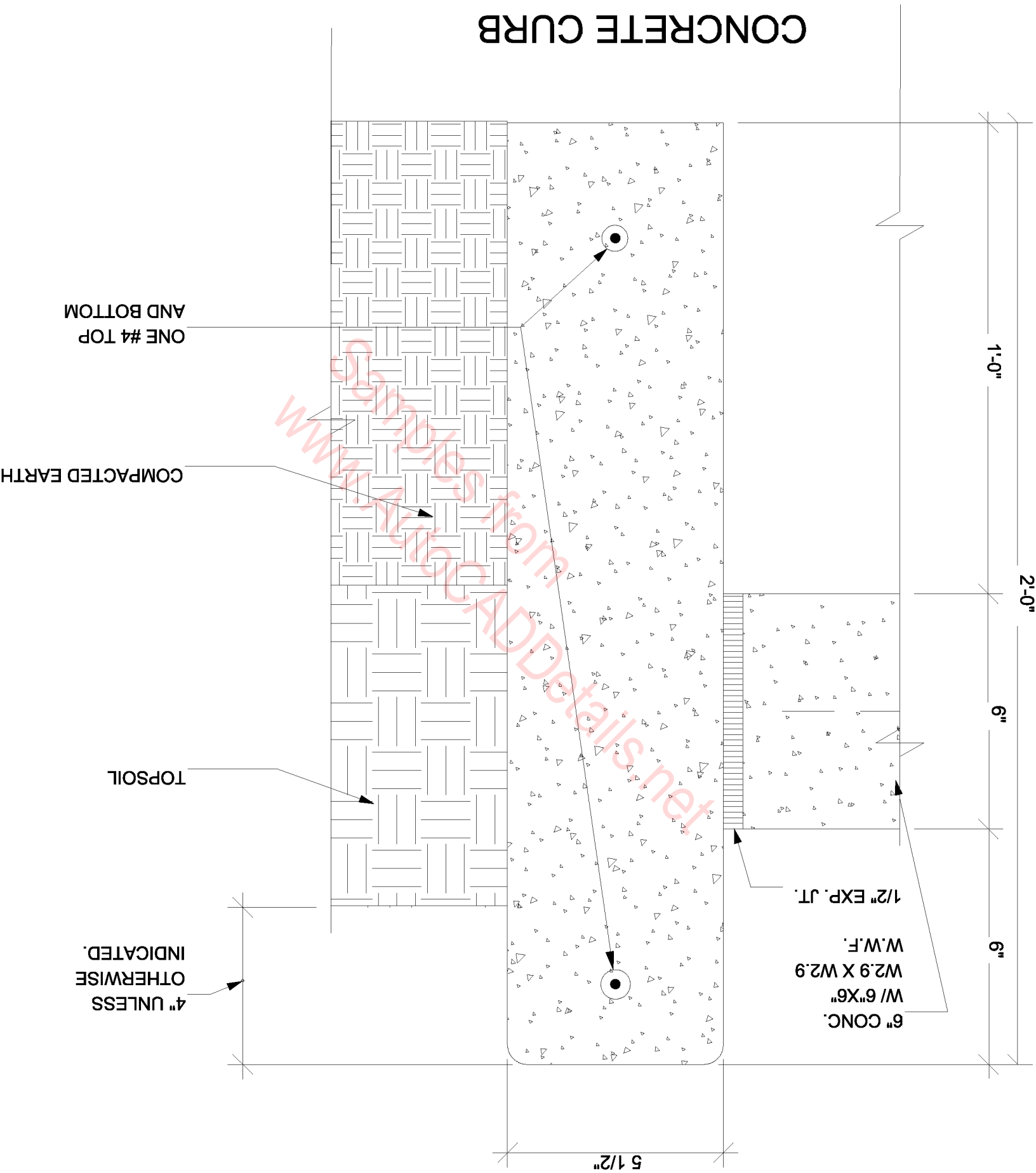


CONCRETE BOLLARD



CONCRETE CURB & GUTTER

CONCRETE CURB



1-0"

2-0"

6"

6"

5 1/2"

1/2" EXP. JT.

6" CONC.
W/ 6"x6"
W2.9 X W2.9
W.F.

TOPSOIL

4" UNLESS
OTHERWISE
INDICATED.

COMPACTED EARTH
AND BOTTOM
ONE #4 TOP

WRAP 5'-0" WIDTH EACH
SIDE OF DRIVEWAY TO
MEET CONCRETE WALK

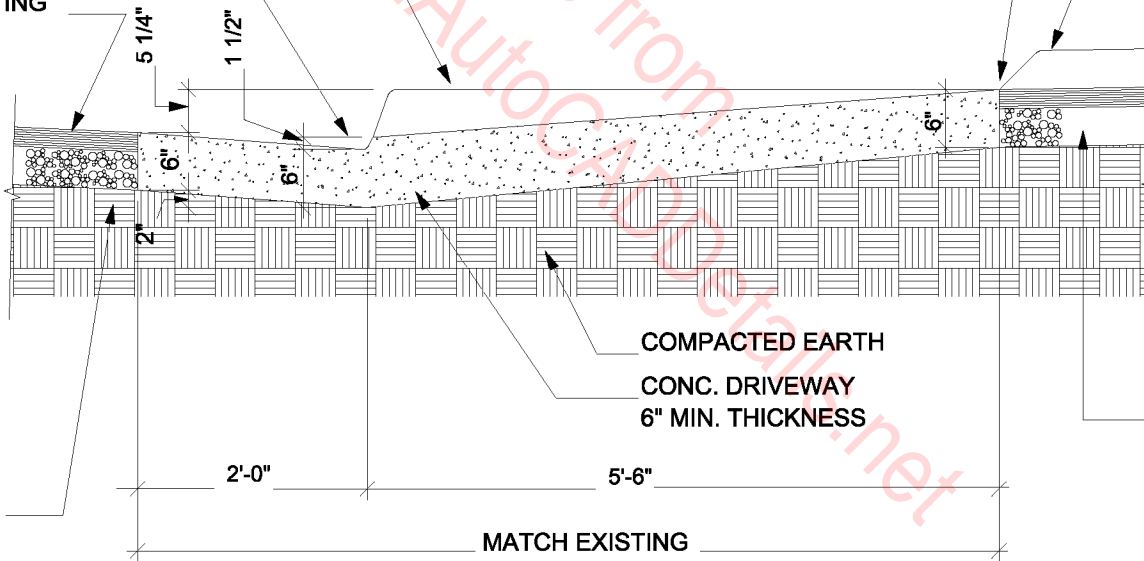
MATCH EXISTING
FLOWLINE AND
CONTINUE AT UNIFORM
SLOPE

BITUMINOUS PAVING
MATCH EXISTING

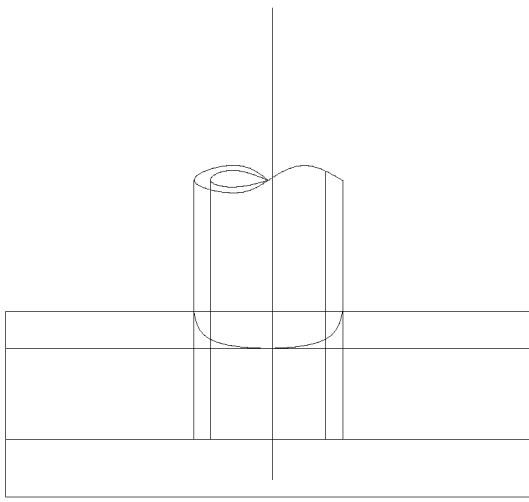
REMOVE
EXISTING
BITUMINOUS
PAVING AS
NECESSARY

ALIGN BACK LINE OF
DRIVEWAY W/ LINE OF
WALKS EACH SIDE

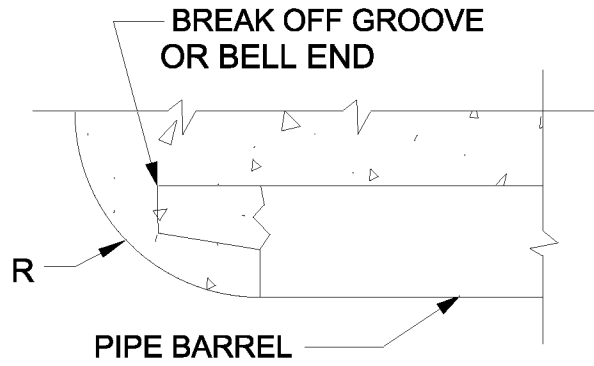
SLOPE END OF CONC.
CURB @ 45D EACH SIDE



CONCRETE DRIVEWAY



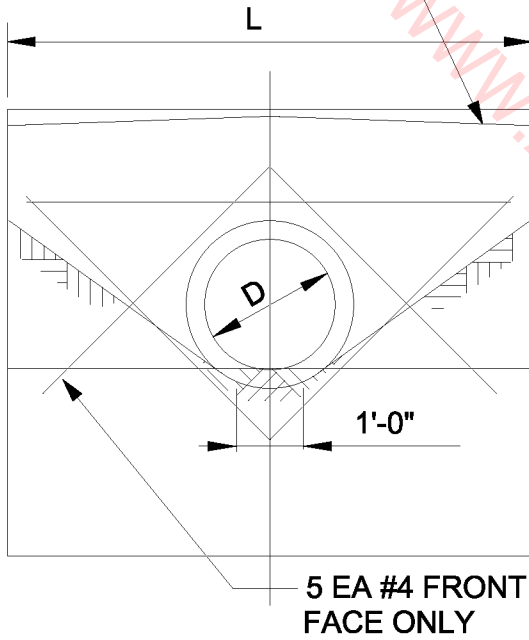
PLAN



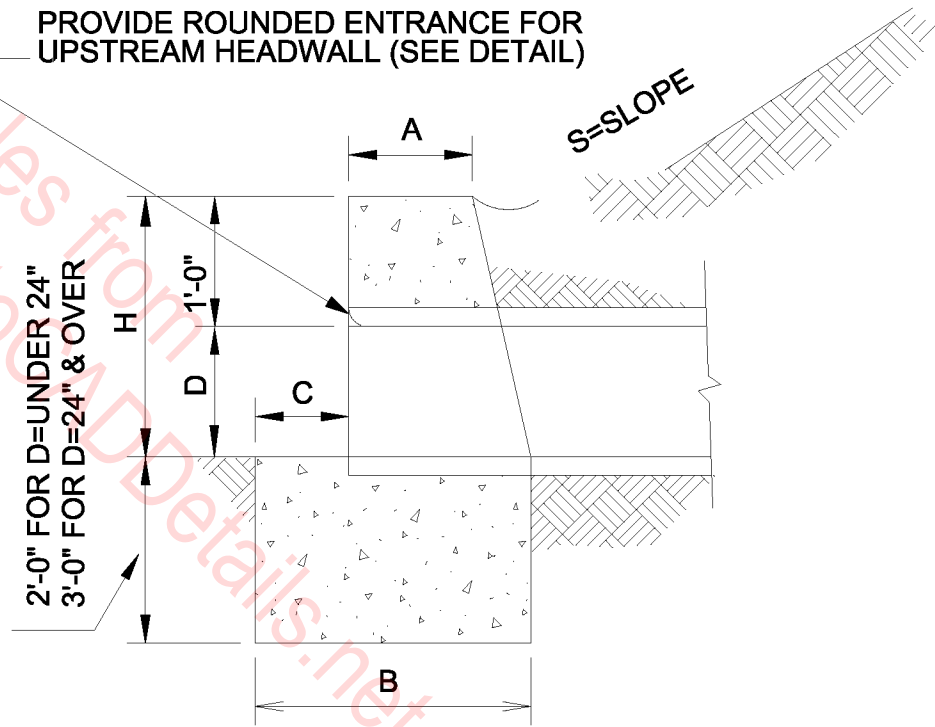
ROUNDED ENTRANCE
(UPSTREAM HEADWALLS ONLY)

SLOPE SWALE BEHIND
HEADWALL 1/4":1'

DOWNSTREAM HEADWALL AS SHOWN-
PROVIDE ROUNDED ENTRANCE FOR
UPSTREAM HEADWALL (SEE DETAIL)



ELEVATION



SECTION

ALL SLOPES					S=1	1/2:1	S=2:1	S=3:1
D	H	A	B	C	R	L	L	L
8"	1'-8"	8"	1'-0"	0	—	3'-6"	4'-2"	5'-6"
10"	1'-10"	8"	1'-0"	0	—	4'-0"	4'-10"	6'-6"
12"	2'-0"	10"	1'-4"	4"	—	4'-6"	5'-6"	7'-6"
15"	2'-3"	10"	1'-4"	4"	2 1/4"	5'-3"	6'-6"	9'-0"
18"	2'-6"	10"	1'-7"	6"	2 3/4"	6'-0"	7'-6"	10'-6"
21"	2'-9"	1'-0"	1'-8"	6"	3 1/8"	6'-9"	8'-6"	12'-0"
24"	3'-0"	1'-0"	1'-9"	6"	3 5/8"	7'-6"	9'-6"	13'-6"
27"	3'-3"	1'-2"	2'-0"	8"	4"	8'-3"	10'-6"	15'-0"
30"	3'-6"	1'-3"	2'-1"	8"	4 1/2"	9'-0"	11'-6"	16'-6"
36"	4'-0"	1'-6"	2'-4"	10"	5 1/2"	10'-6"	13'-6"	19'-6"
42"	4'-6"	1'-6"	2'-7"	12"	6 3/8"	12'-0"	15'-6"	22'-6"

CONCRETE HEADWALL

CURB OR CURB
AND GUTTER

Expansion Joint material

See plan for width or local code

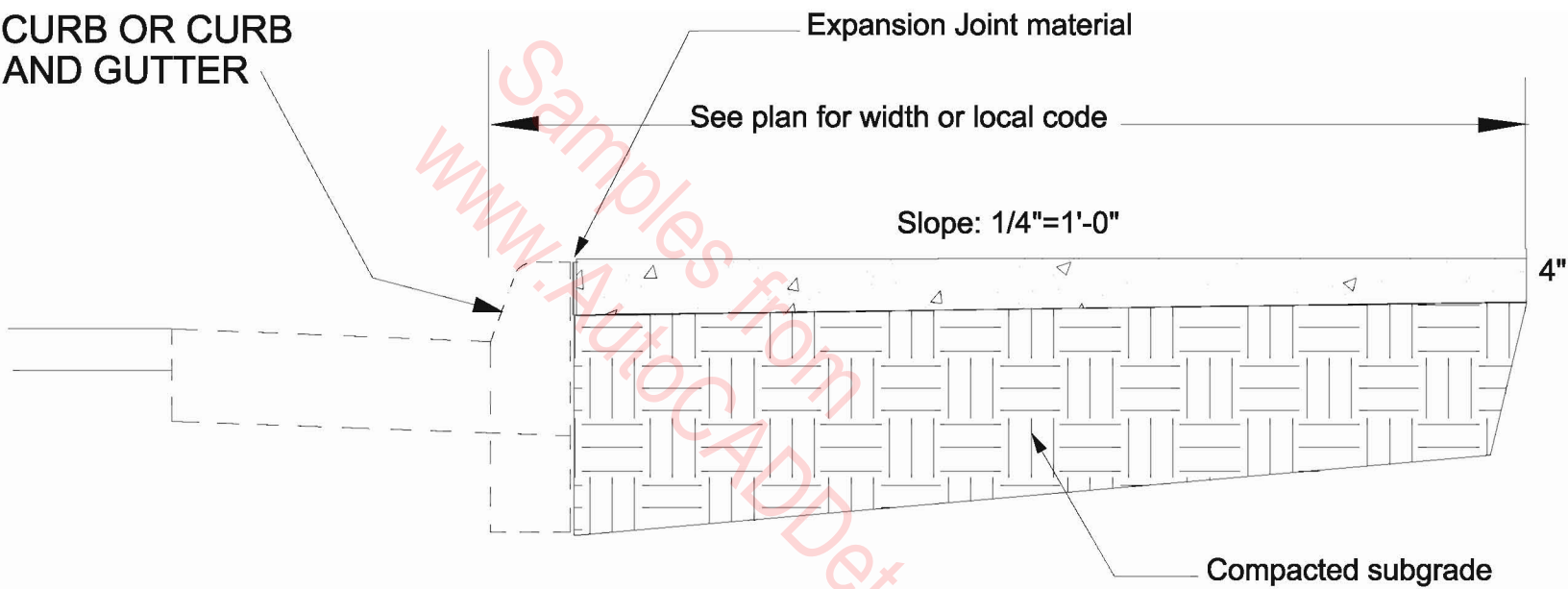
Slope: $1/4"=1'-0"$

4"

Compacted subgrade

CONCRETE SIDEWALK

(TO BE USED WHERE ADJACENT TO CURB OR CURB AND GUTTER)



CONCRETE CURB

MATCH EXISTING
FLOWLINE AND
CONTINUE AT UNIFORM
SLOPE

BITUMINOUS PAVING
MATCH EXISTING

REMOVE
EXISTING
BITUMINOUS
PAVING AS
NECESSARY

1/2"
EXPANSION JOINT

4" CONC. WALK W/ 6"x6"
W1.4 x W1.4 W.W.F.

TOPSOIL

1/4"/FT.

6 1/2"

6"

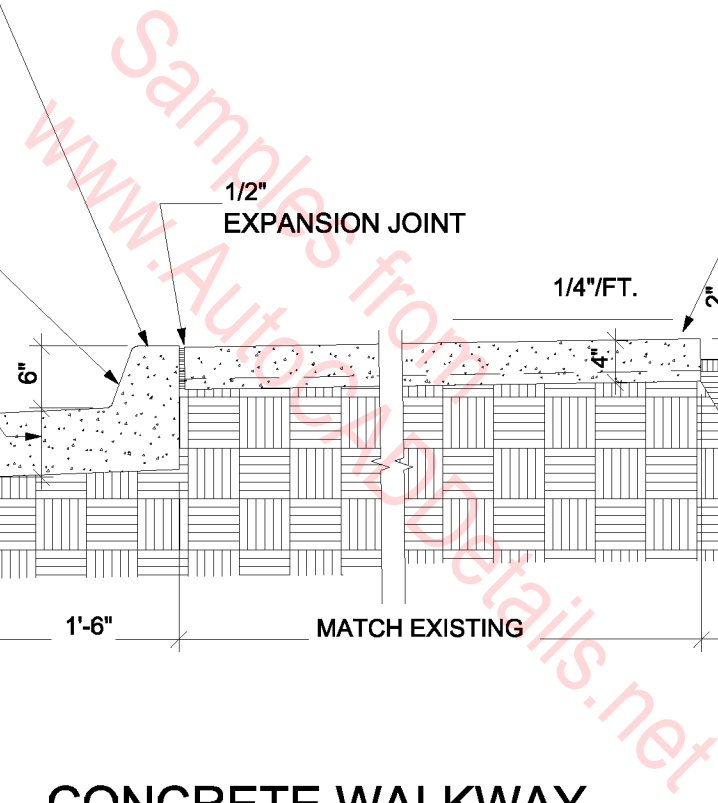
1'-6"

MATCH EXISTING

COMPACTED EARTH

CONCRETE WALKWAY

(WITH CURB AND GUTTER)



NOTE: IN SOME CASES THE MULCH IS ONLY A SPECIFIED DIAMETER - SEE PLANS AND SPECIFICATIONS FOR FURTHER COORDINATION OF MULCHING

TYPICAL CONTAINER CONIFEROUS SHRUB

SHREDDED HARDWOOD BARK MULCH

3-4" MUDDLE RING

ROOT SYSTEM

PLANTING SOIL

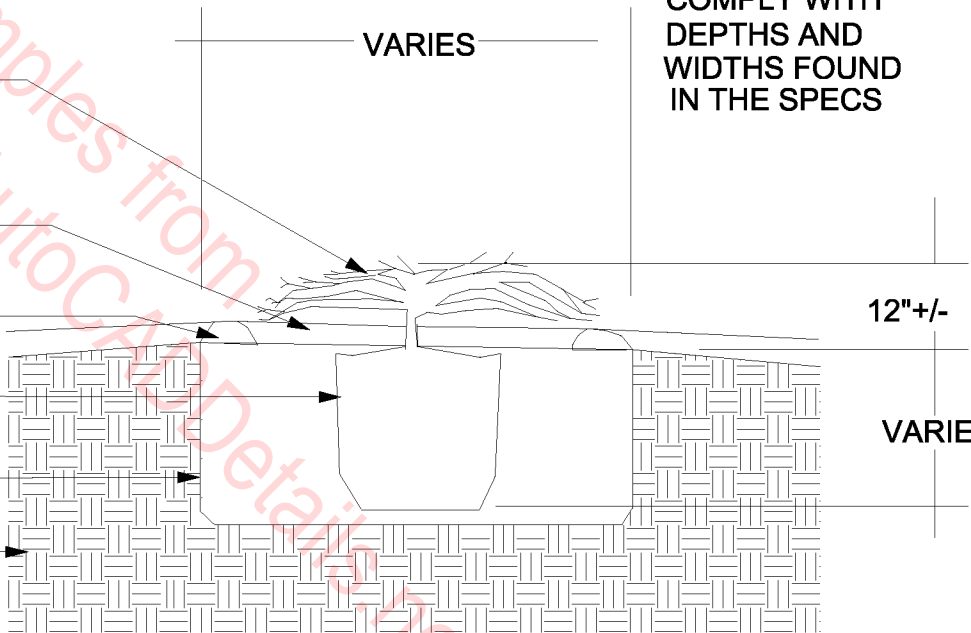
CONSTRUCTION SOIL

VARIES

SHRUB PIT TO COMPLY WITH DEPTHS AND WIDTHS FOUND IN THE SPECS

12"+/-

VARIES



CONTAINER CONIFEROUS SHRUB DETAIL

NOTE: IN SOME CASES THE MULCH IS ONLY A SPECIFIED DIAMETER - SEE PLANS AND SPECIFICATION FOR FURTHER COORDINATION OF MULCHING

NOTE: PRUNE SHRUB AS RECOMMENDED BY GROWER ONLY AFTER THE PLANT HAS BEEN WATERED IN TO THE PLANTING SOIL

SHRUB PIT TO COMPILE WITH DEPTHS AND WIDTHS FOUND IN THE SPECS

TYPICAL CONTAINER (POTTED) DECIDUOUS SHRUB

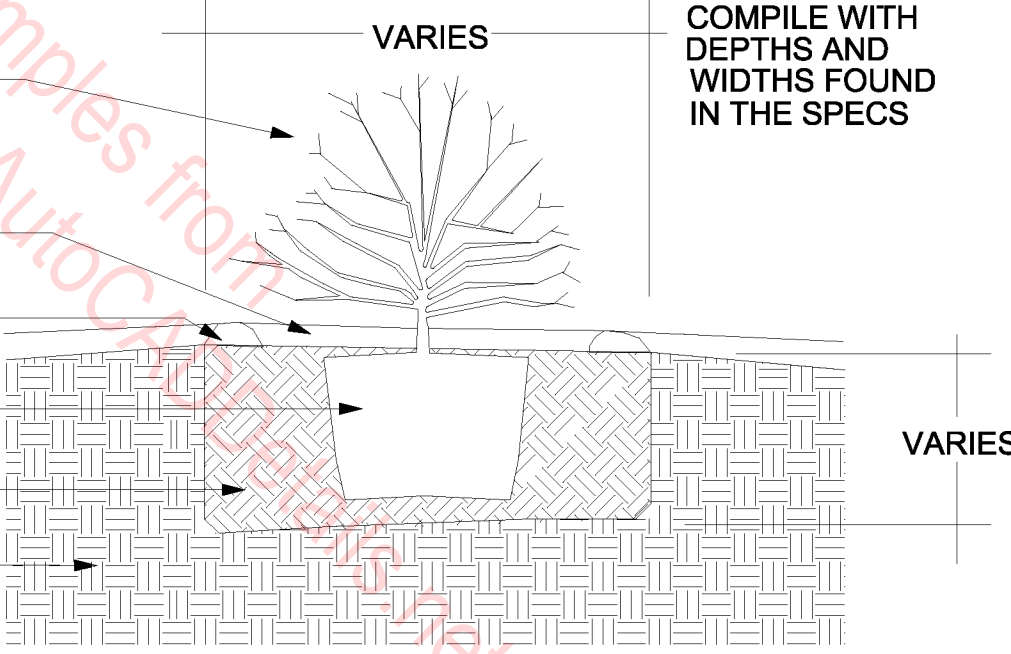
SHREDDED HARDWOOD BARK MULCH

3-4" MUDDLE RING

PLANT BALL

PLANTING SOIL

CONSTRUCTION SOIL



CONTANER SHRUB PLANTING DETAIL

NOTE: NONE OF THE CONTAINER TREES ARE TO BE STAKED UNLESS INDICATED

NOTE: IN SOME CASES THE MULCH IS ONLY A SPECIFIED DIAMETER - SEE PLANS AND SPECIFICATION FOR FURTHER COORDINATION OF MULCHING

TYPICAL CONTAINER TREE

PLASTIC SPIRAL TREE PROTECTION

SHREDDED HARDWOOD

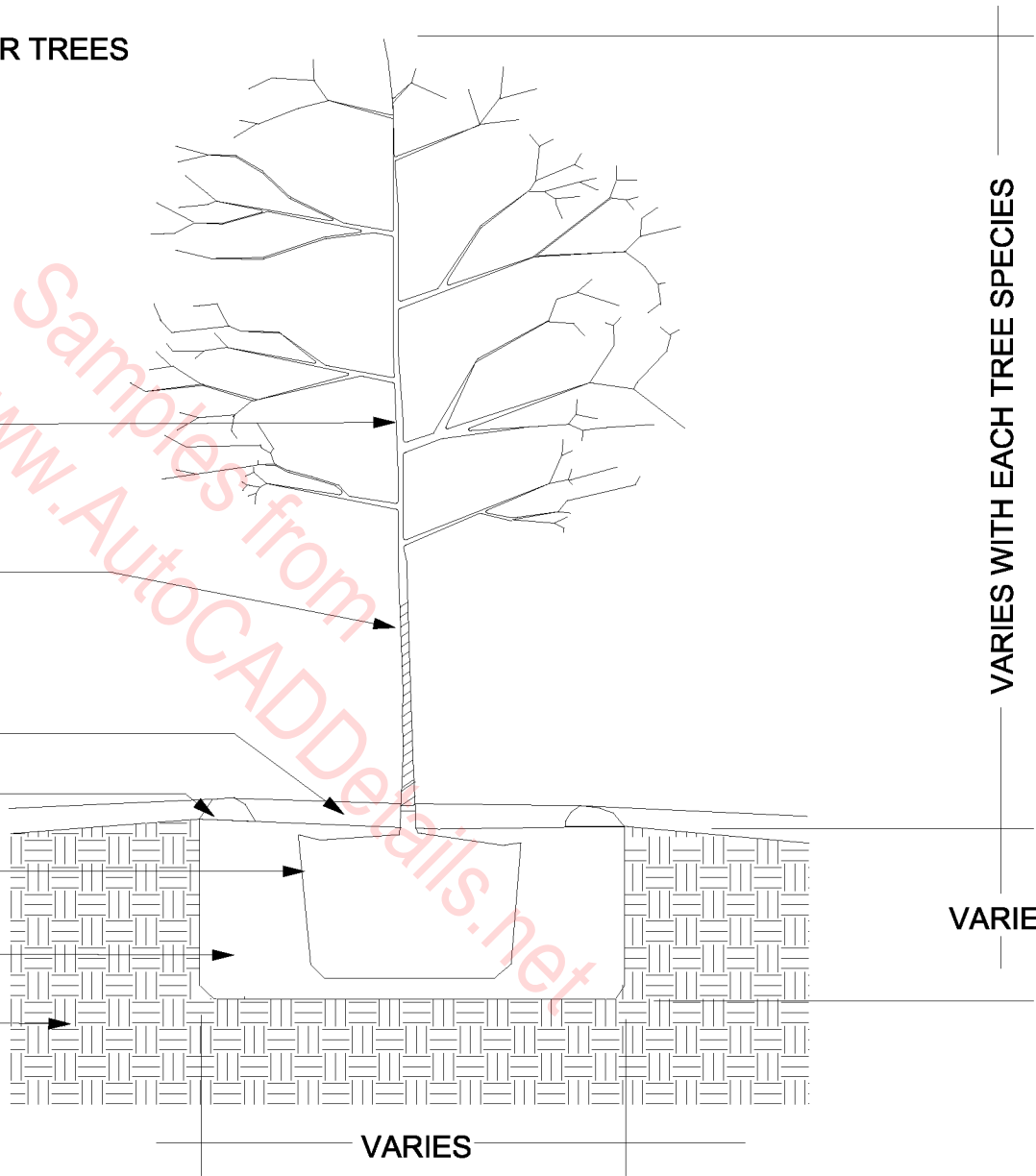
BARK MULCH

3-4" MUDDLE RING

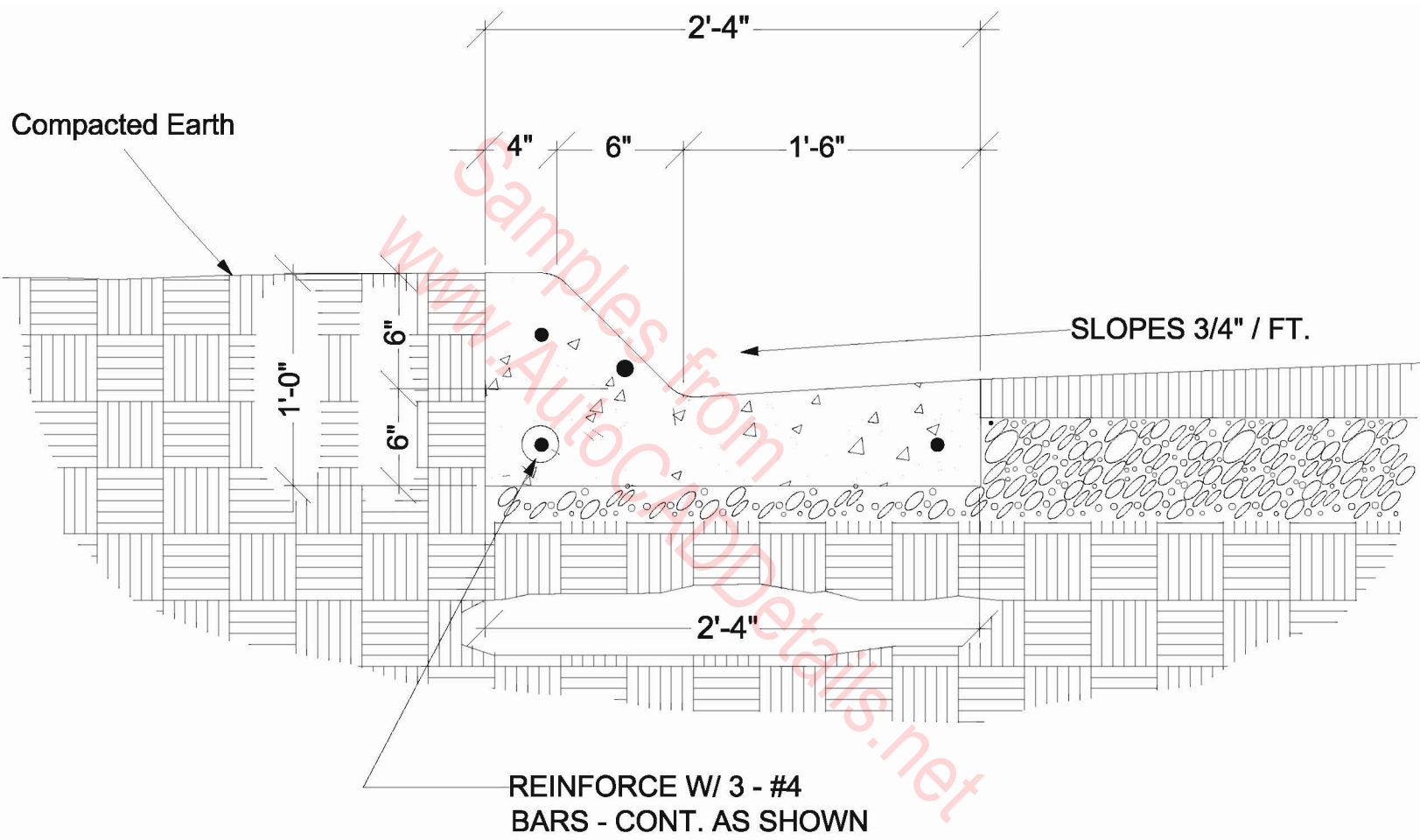
CONTAINER ROOTS

PLANTING SOIL

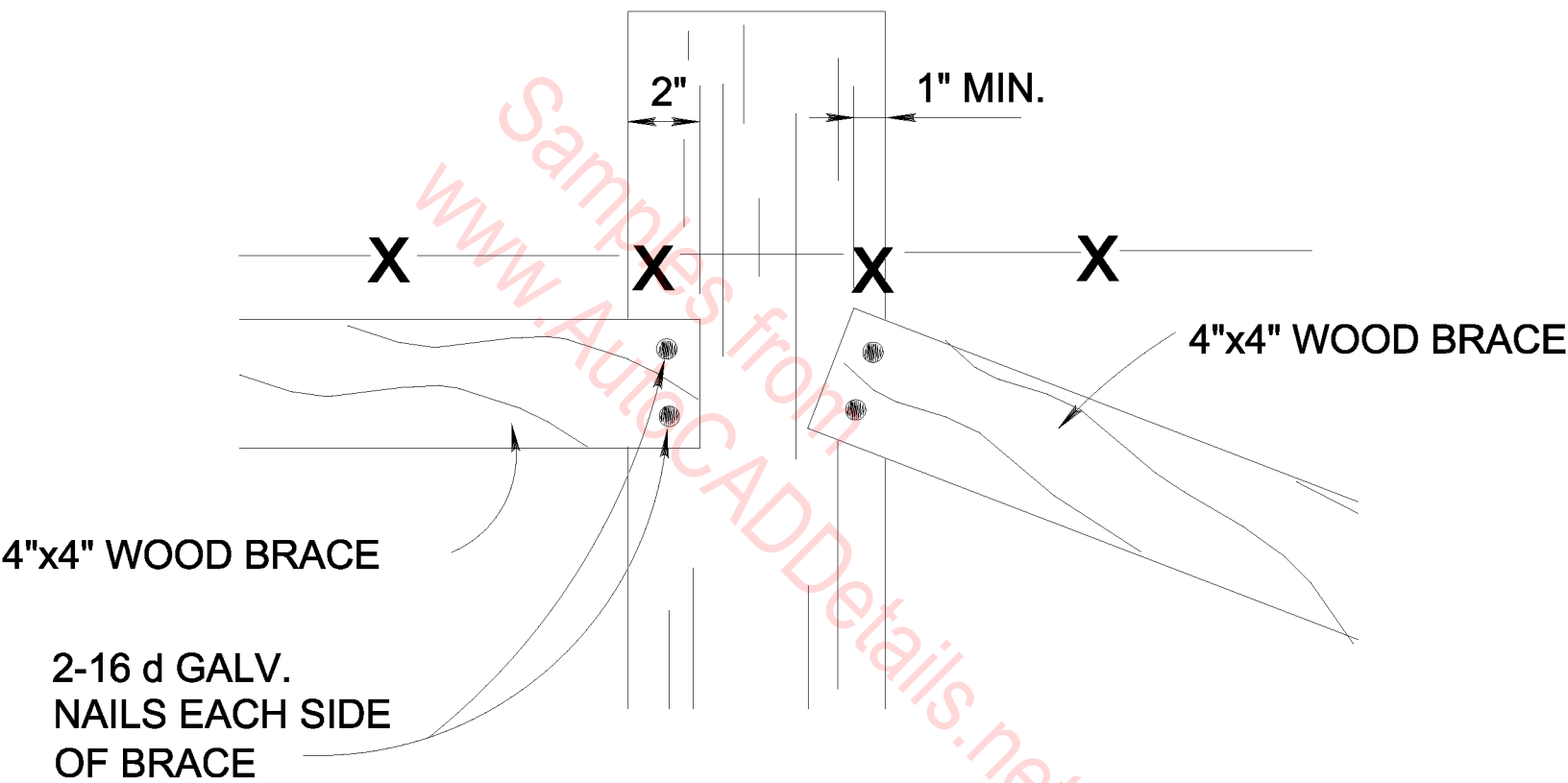
CONSTRUCTION SOIL



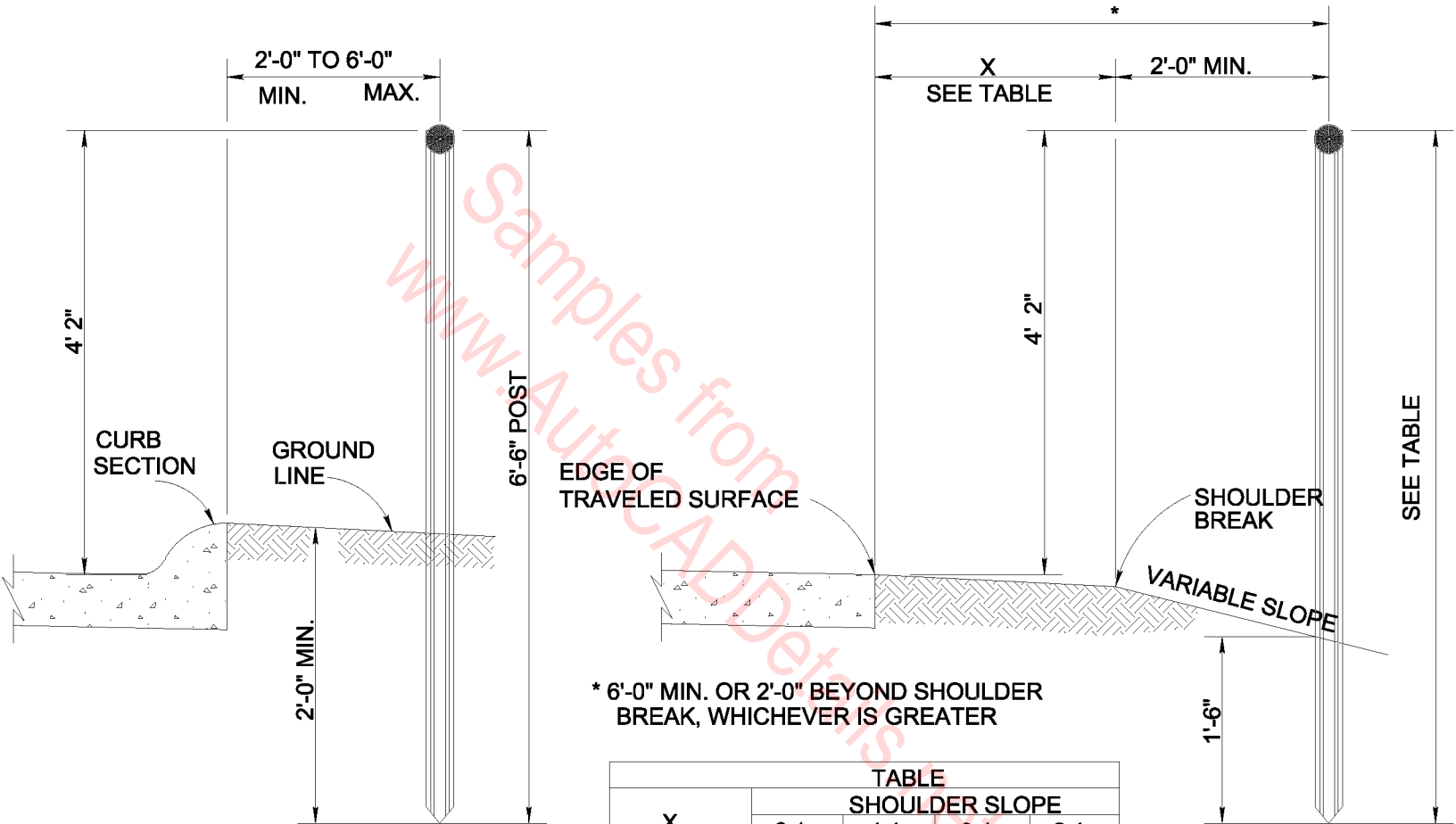
CONTAINER/POTTED DECIDUOUS TREE DETAIL



CURB AND GUTTER DETAIL



DAP DETAIL

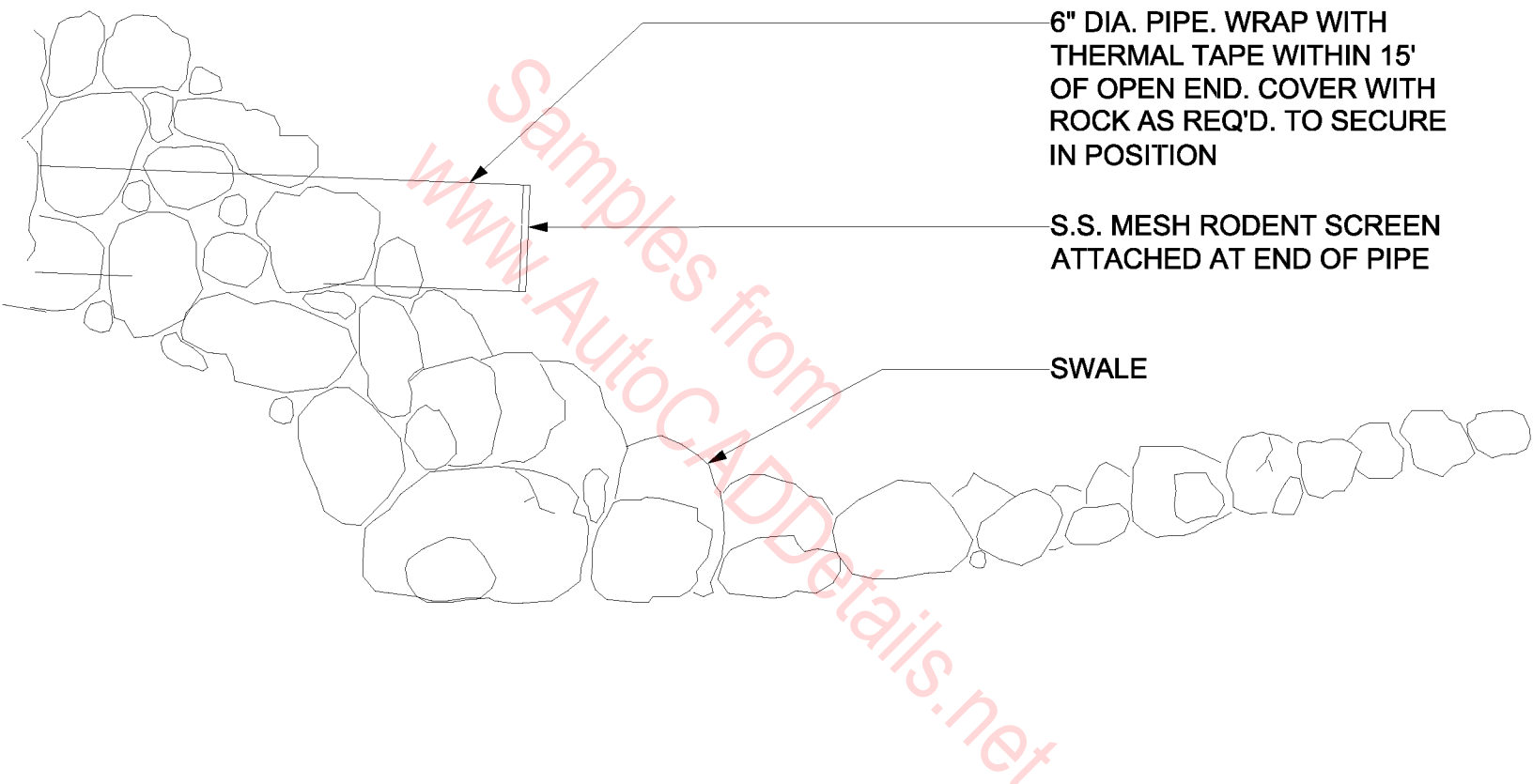


* 6'-0" MIN. OR 2'-0" BEYOND SHOULDER BREAK, WHICHEVER IS GREATER

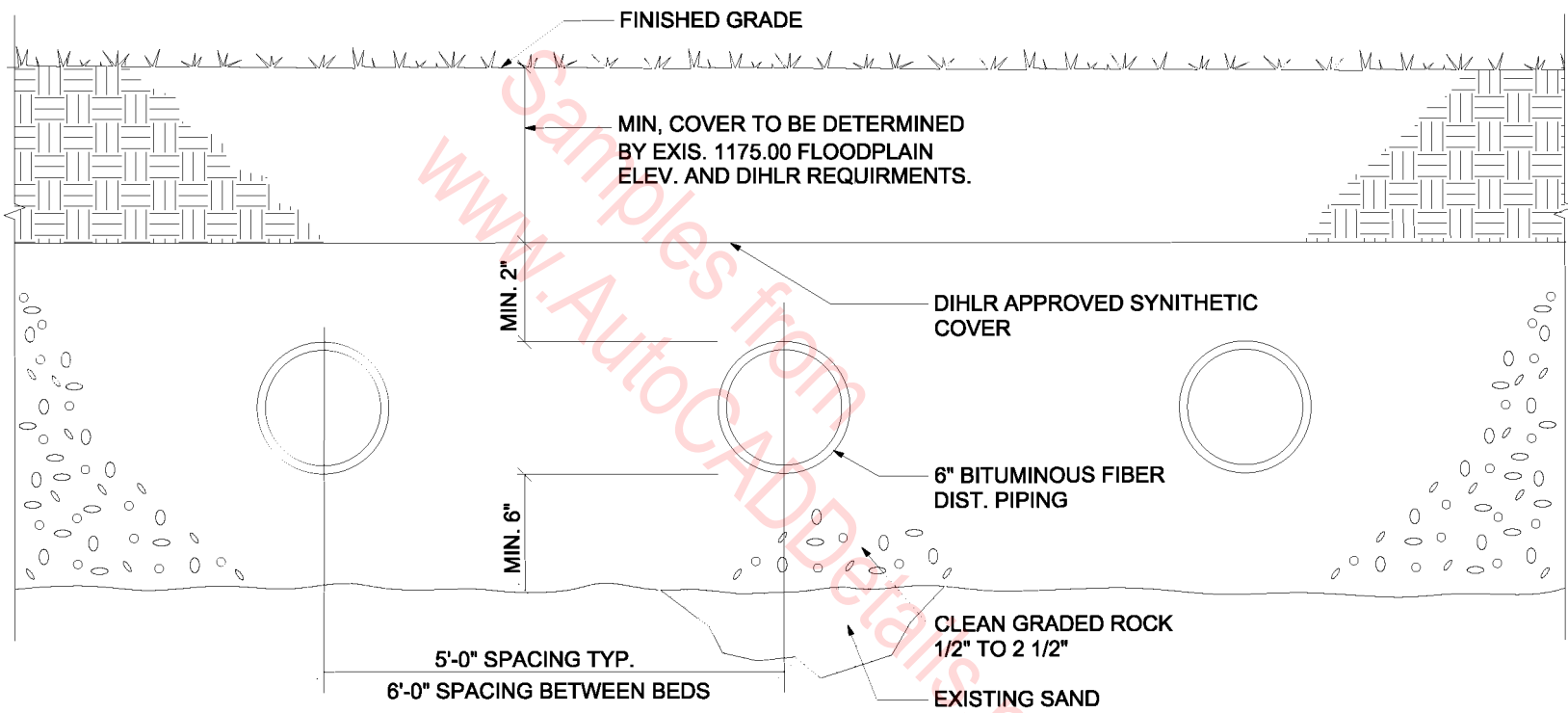
X	TABLE SHOULDER SLOPE			
	6:1	4:1	3:1	2:1
2'	6 1/2	6 1/2	8	8
4' to 12'	6 1/2	6 1/2	6 1/2	8

POST LENGTHS IN FEET

DELINEATOR POST LOCATIONS

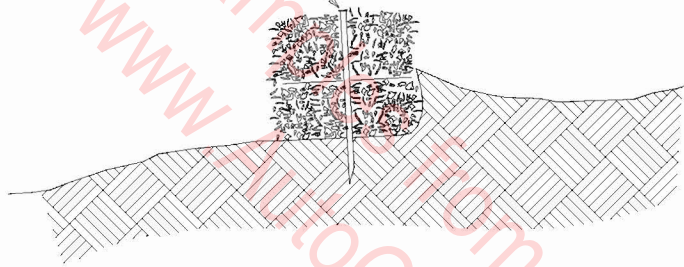


DRAIN PIPE DETAIL



DRAINAGE FIELD

INSTALL (2) 2"x2"x3"
WOODEN STAKES
IN EA. BALE



SECTION A

BALES TO BE INSTALLED AS SHOWN ON SITE, GRADING, DRAINAGE,
AND UTILITIES PLAN BEFORE COMMENCING GRADING OPERATIONS
AND LEFT IN PLACE UNTIL A GOOD STAND OF GRASS IS ESTABLISHED
OVER ALL DISTURBED AREAS.

EROSION SILTATION CONTROL

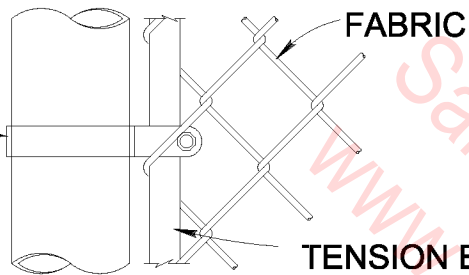
NOTES:

1. EXPOSE AS SMALL AN AREA OF SOIL FOR AS SHORT A TIME AS POSSIBLE.
2. KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS.
3. USE TEMPORARY VEGETATION AND/OR MULCH TO PROTECT BARE AREAS FROM EROSION DURING CONSTRUCTION.
4. ALL CUT/FILL AREAS TO HAVE A MIN. OF 6" DEPTH OF TOP SOIL COVER. AREAS DRESSED WITH TOP SOIL SHALL RECEIVE:
 - 12 LBS./1000 SQ. FT. (6-12-12) FERTILIZER.
 - 5 LBS. OR MORE OF KENTUCKY 31 FESCUE FOR EVERY 1000 SQ. FT.
 - STRAW MULCH OF 70%-80% COVERAGE (APPROXIMATELY 125 LBS./1000 SQ. FT.)
5. STRAW BALES SHOWN ARE TO BE USED AS TEMPORARY SEDIMENT BARRIERS. STRAW BALES TO BE FIRM AND SECURELY TIED WITH PLASTIC OR WIRE BINDING. BALES ARE TO BE PLACED TOUCHING AND FIRMLY ANCHORED TO THE GROUND WITH STEEL DRIFT PINS OR WOODEN STAKES AS SHOWN IN DETAIL "A".
6. DISTURBED AREAS ARE TO BE GRADED TO DRAIN AS INDICATED ON THE PLANS TO SEDIMENT BARRIERS DURING AND UPON COMPLETION OF CONSTRUCTION.
7. A STONE ACCESS RAMP IS TO BE CONSTRUCTED AT THE SITE ENTRANCE WITH A MIN. WIDTH OF 15 FT. AND A MAX. LENGTH OF 50 FT.. RAMP IS TO HAVE A BASE OF 6" OF ASTM D 448, SIZE #1 STONE. RAMP SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
8. STRAW BALES ARE TO BE PLACED AROUND ALL STORM DRAINAGE CATCH BASINS TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION PAVING PROCESS AROUND EACH INLET HAS BEEN COMPLETED.

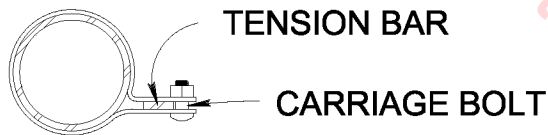
PLAN VIEW



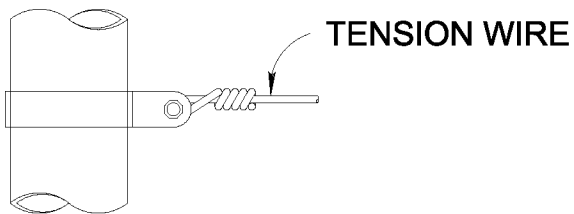
TENSION BAND
(15" O.C. MAX. AND WITHIN 4"
FROM BOTTOM OF FABRIC)



TENSION BAR TO
ENGAGE EACH FABRIC LINK

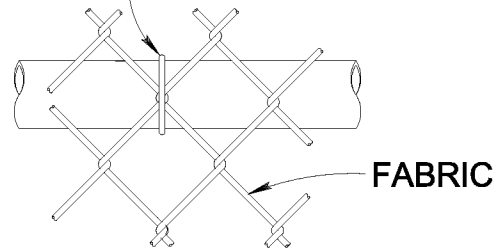


END OR GATE POST DETAIL

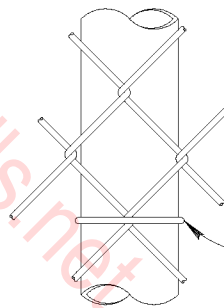
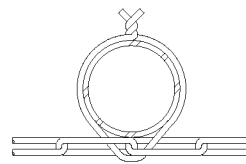


TENSION BAND DETAIL

9-GAGE TIE WIRES
(12" O.C. MAX.)



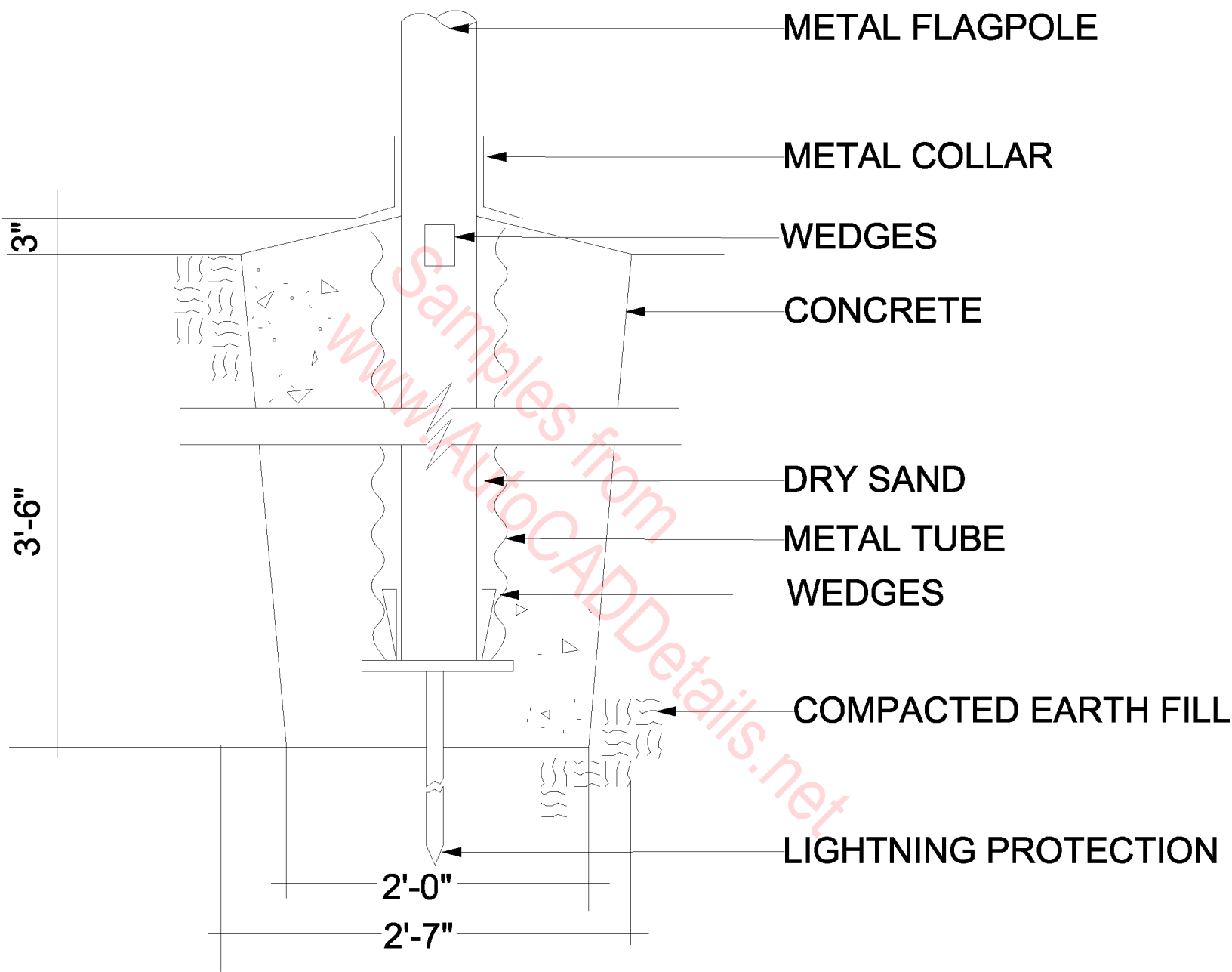
BRACE RAIL ATTACHMENT



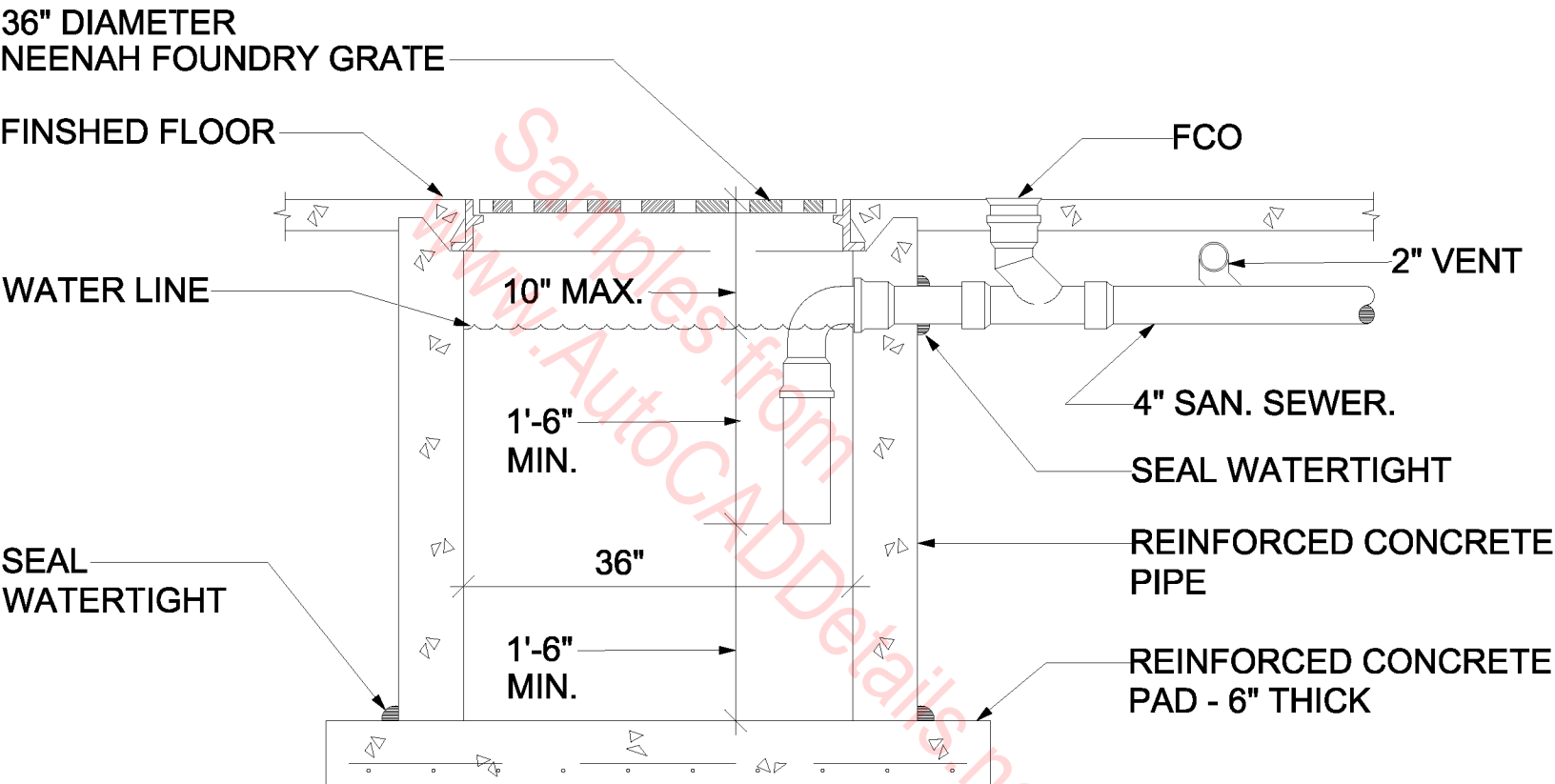
TIE WIRE
(15" O.C. MAX. AND
WITHIN 4" FROM
BOTTOM OF FABRIC)

LINE POST ATTACHMENTS

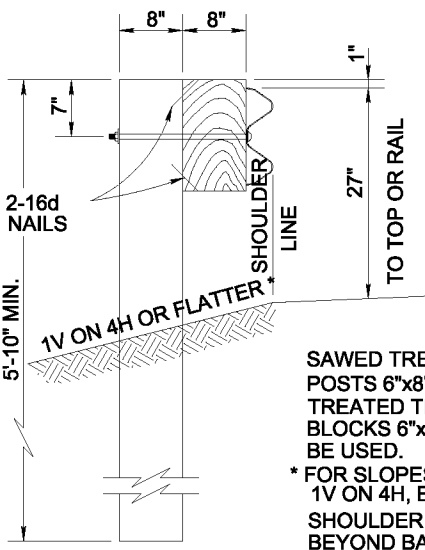
FASTENING DETAILS



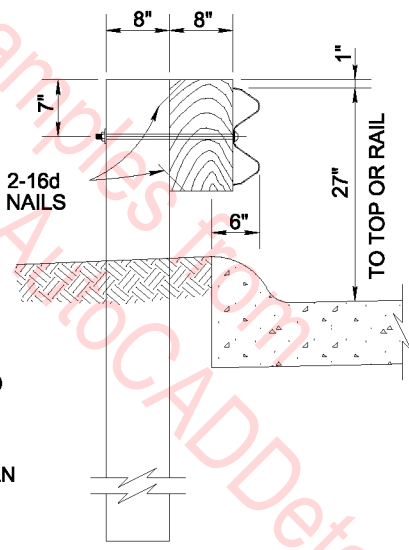
FLAGPOLE BASE



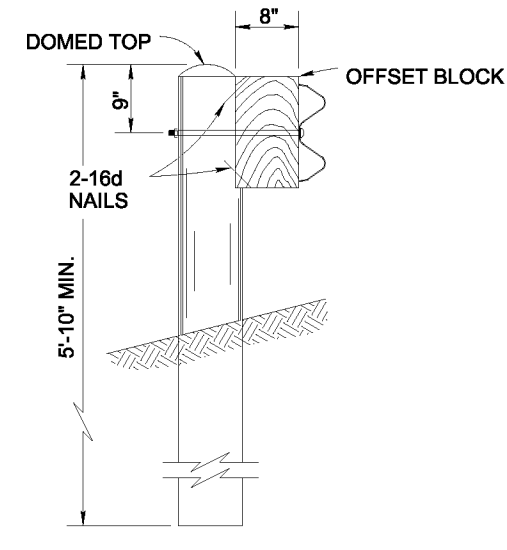
GARAGE CATCH BASIN DETAIL



NON-CURBED LOCATIONS



CURBED LOCATIONS

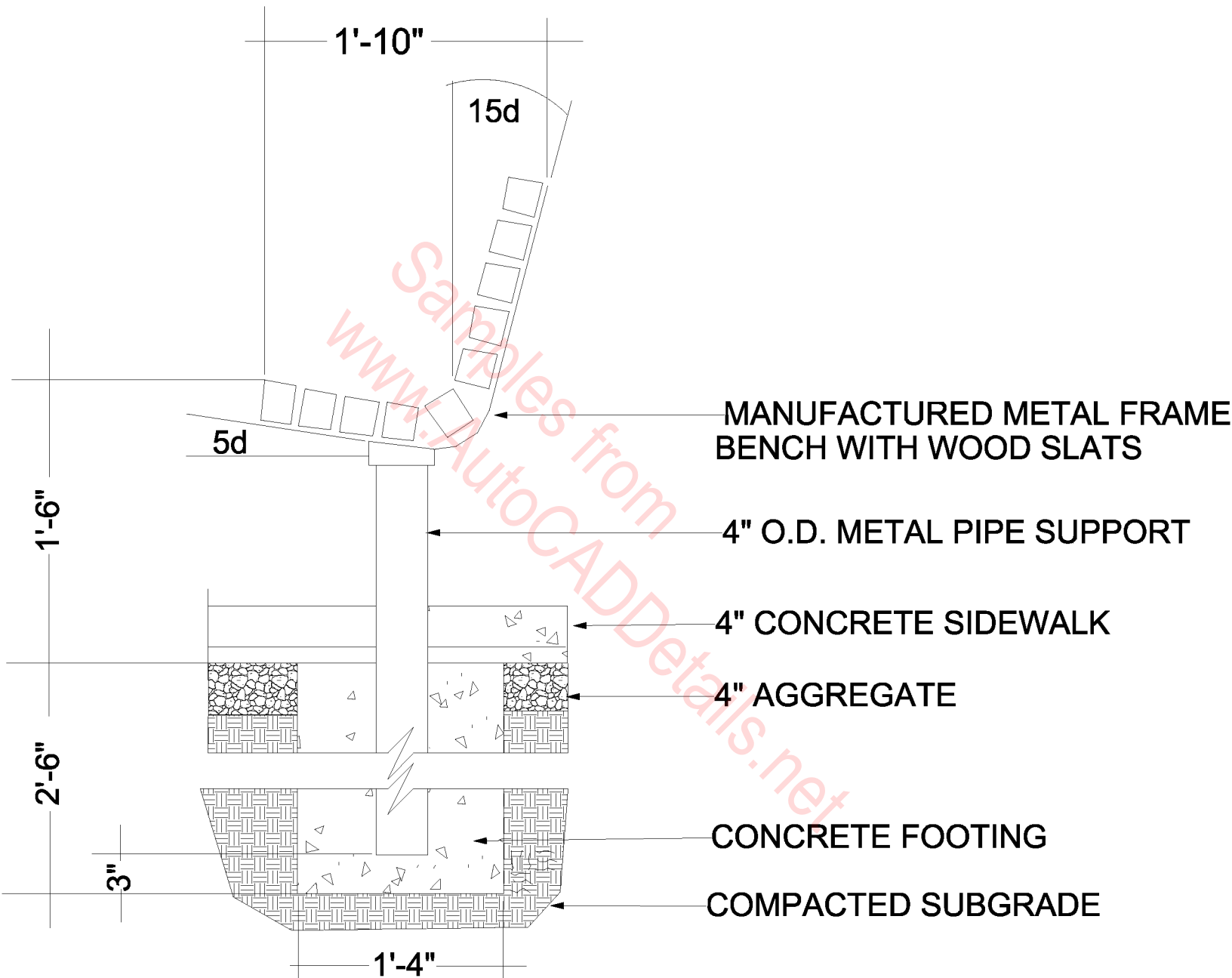


ALTERNATE ROUND WOOD POST

SAWED TREATED TIMBER POSTS 6"x8"x6' AND SAWED TREATED TIMBER OFFSET BLOCKS 6"x8"x14" SHALL BE USED.
 * FOR SLOPES STEEPER THAN 1V ON 4H, EXTEND THE SHOULDER TO TWO FEET BEYOND BACK OF POST.

SAWN WOOD POST

GUARDRAIL POST DETAILS



METAL FRAME WOOD BENCH

NEENAH FOUNDRY FLOOR
BOX FRAME & LID

CLEANOUT PLUG

2"

6"

4"

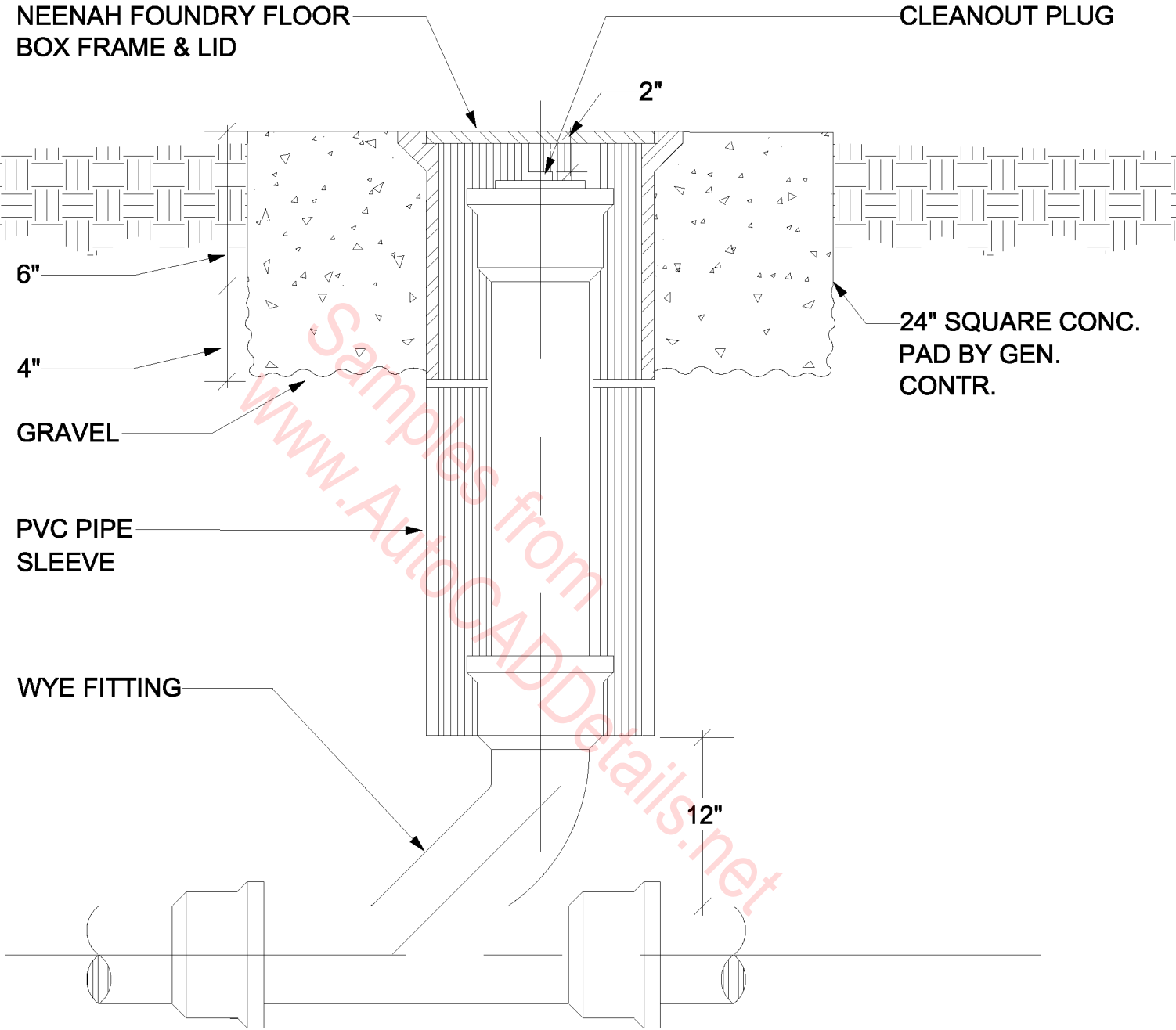
GRAVEL

PVC PIPE
SLEEVE

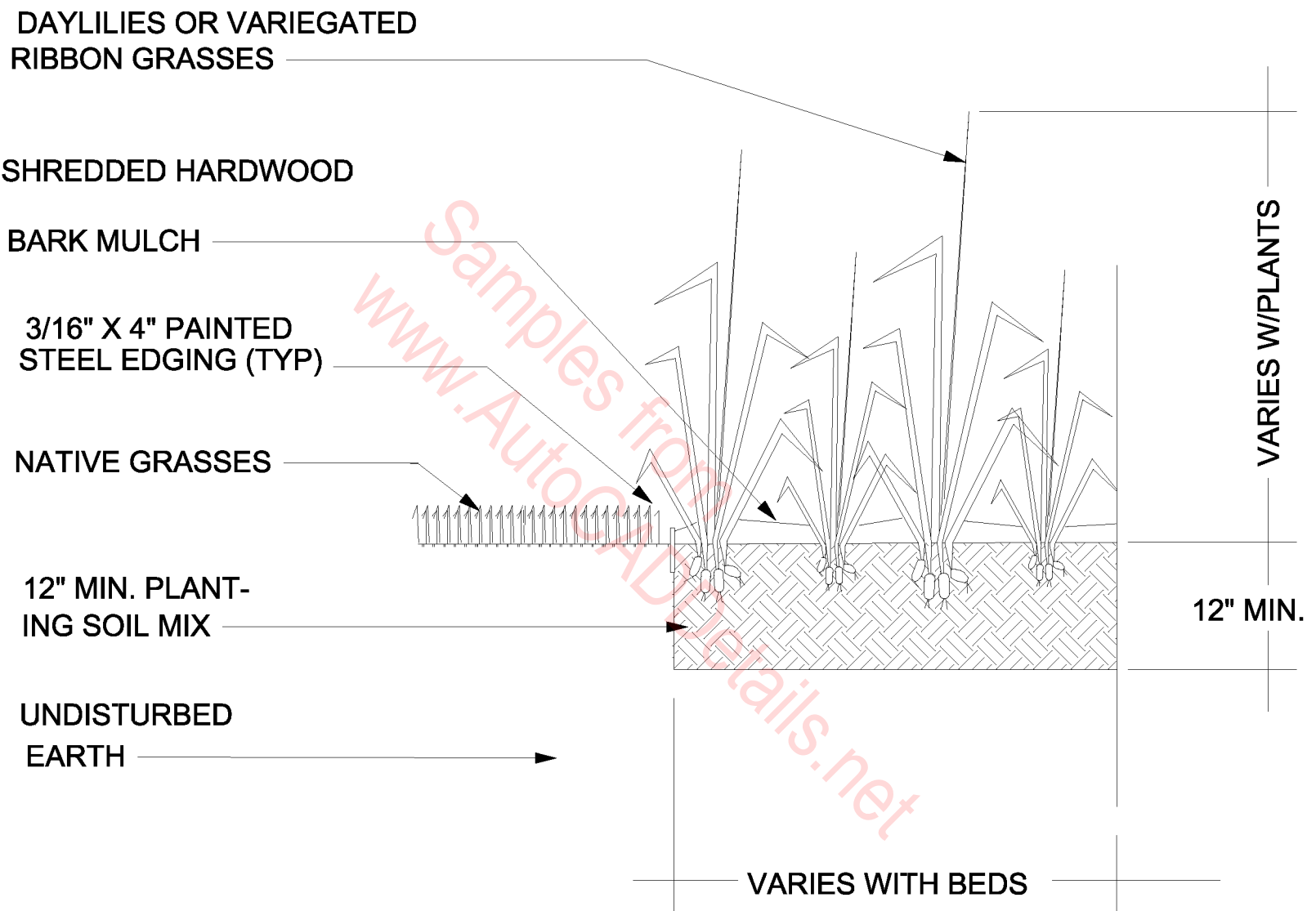
WYE FITTING

24" SQUARE CONC.
PAD BY GEN.
CONTR.

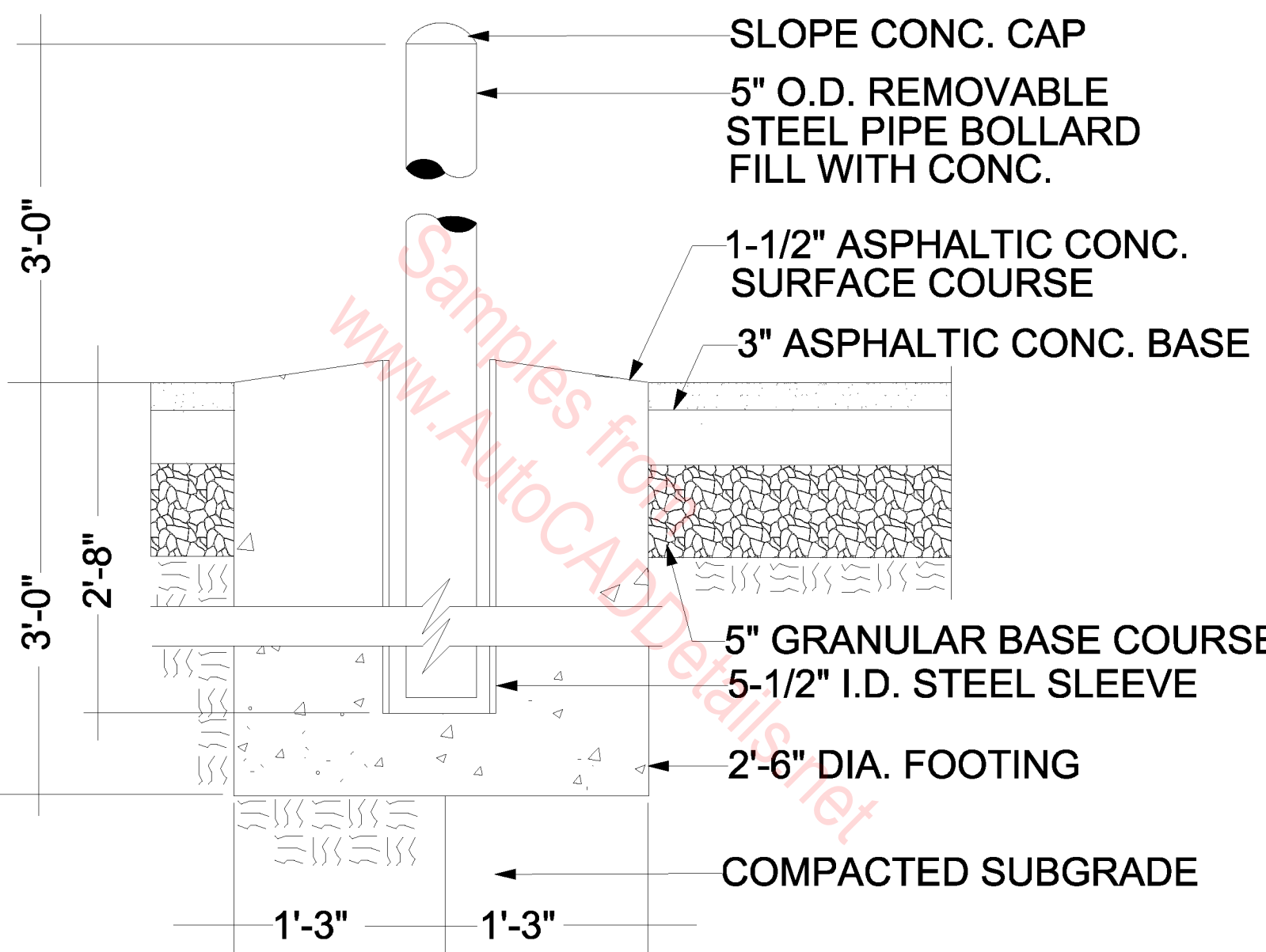
12"



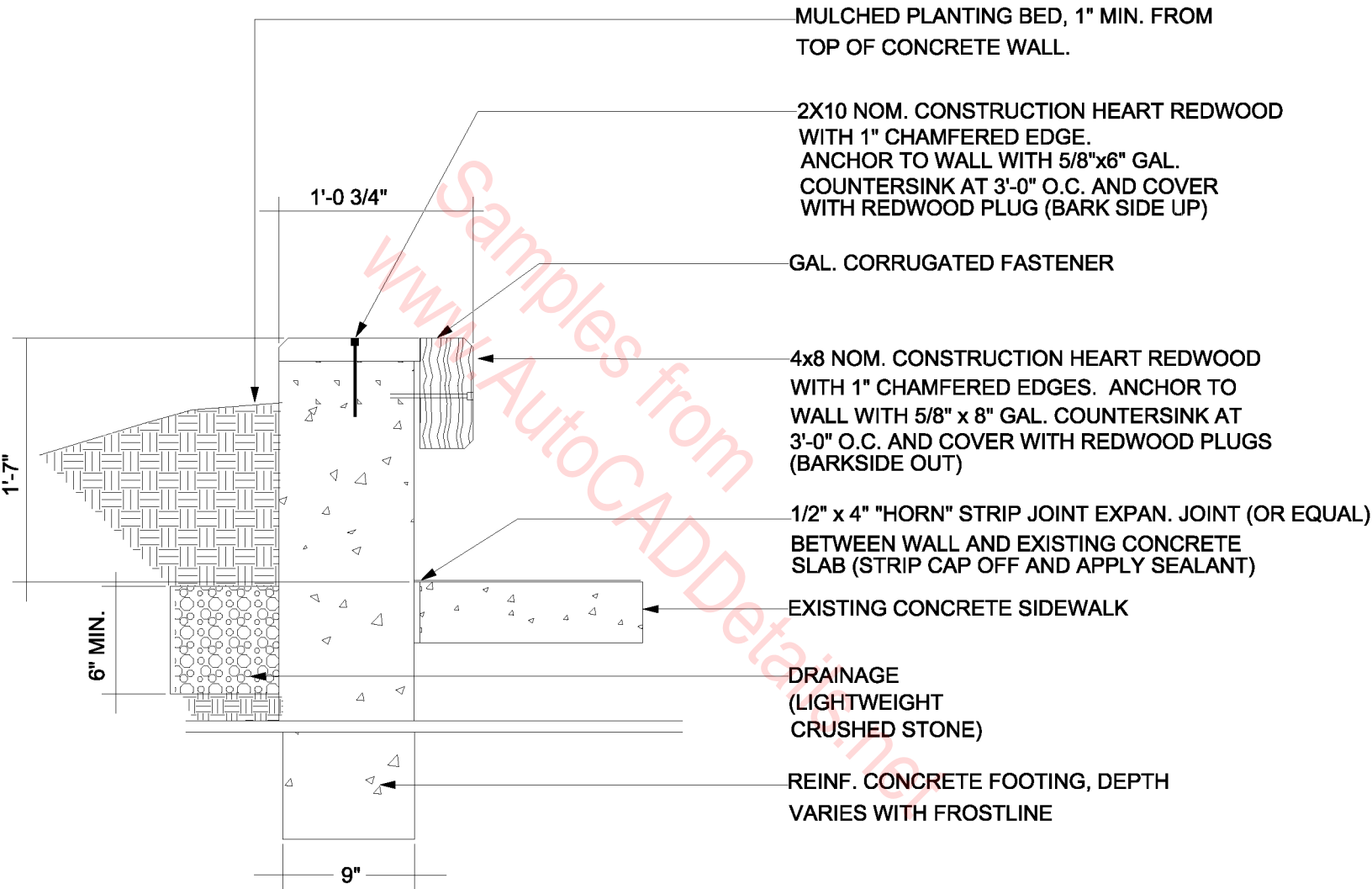
OUTDOOR CLEANOUT DETAIL



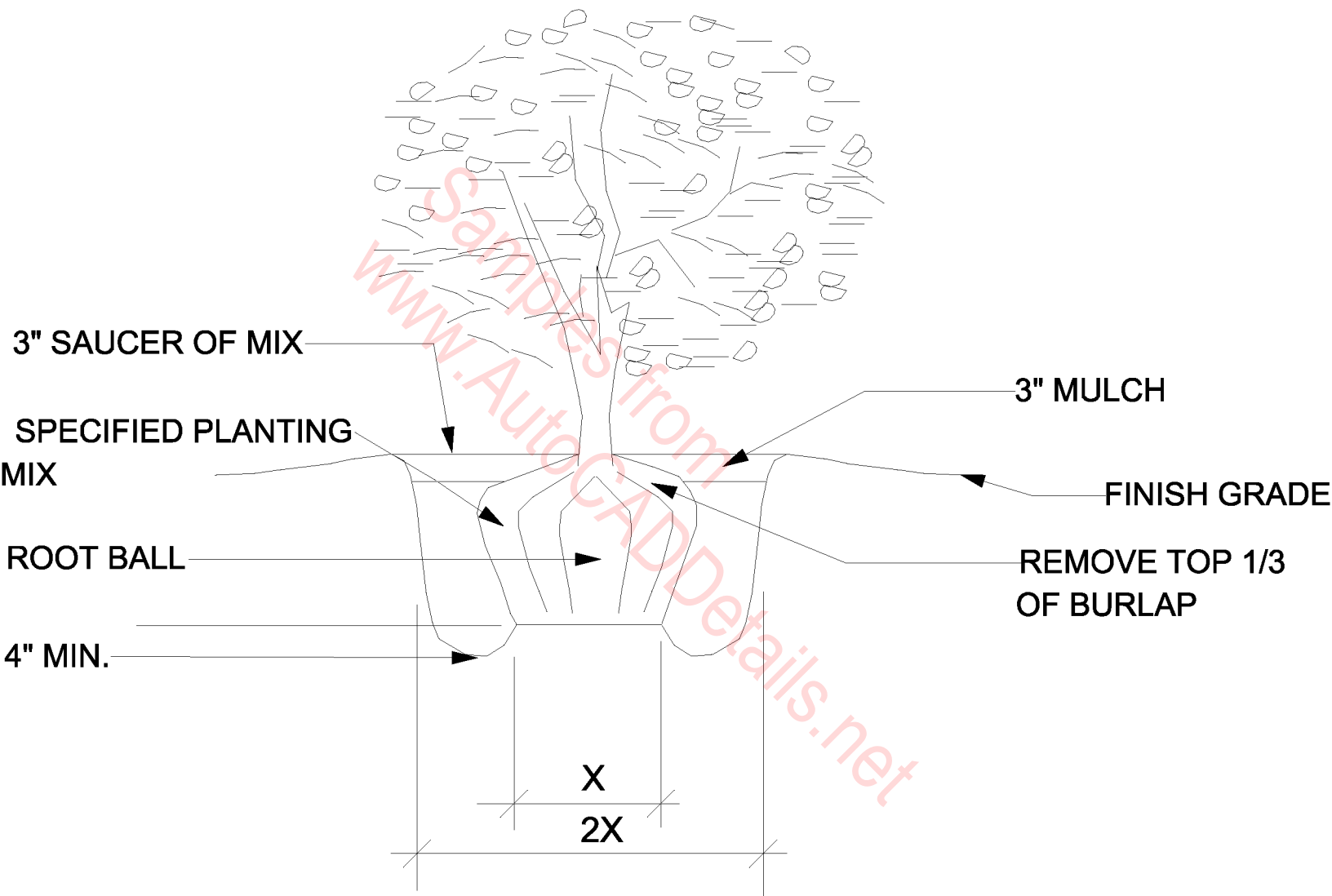
PERENNIAL BED PLANTING DETAIL



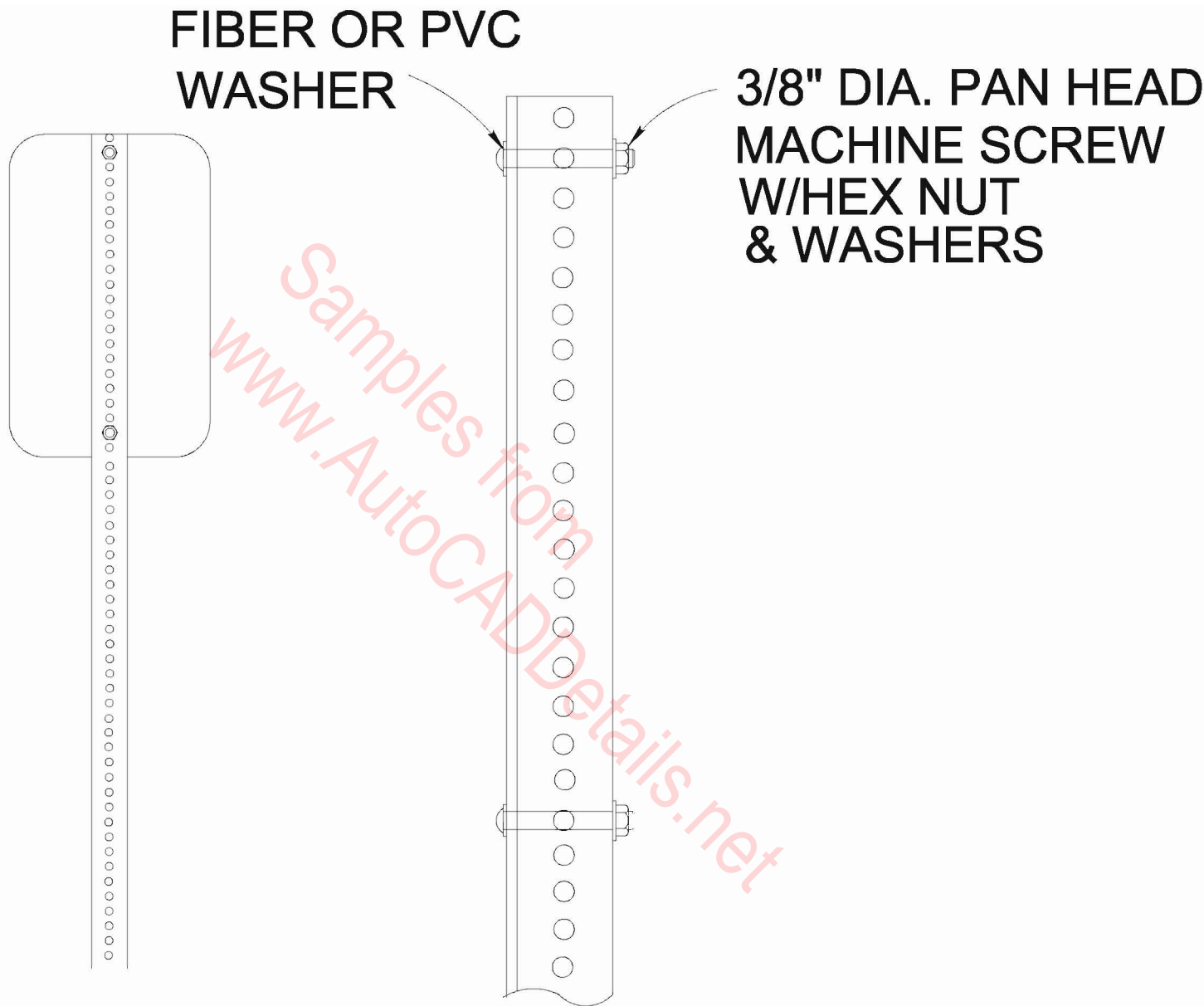
REMOVABLE PIPE BOLLARD



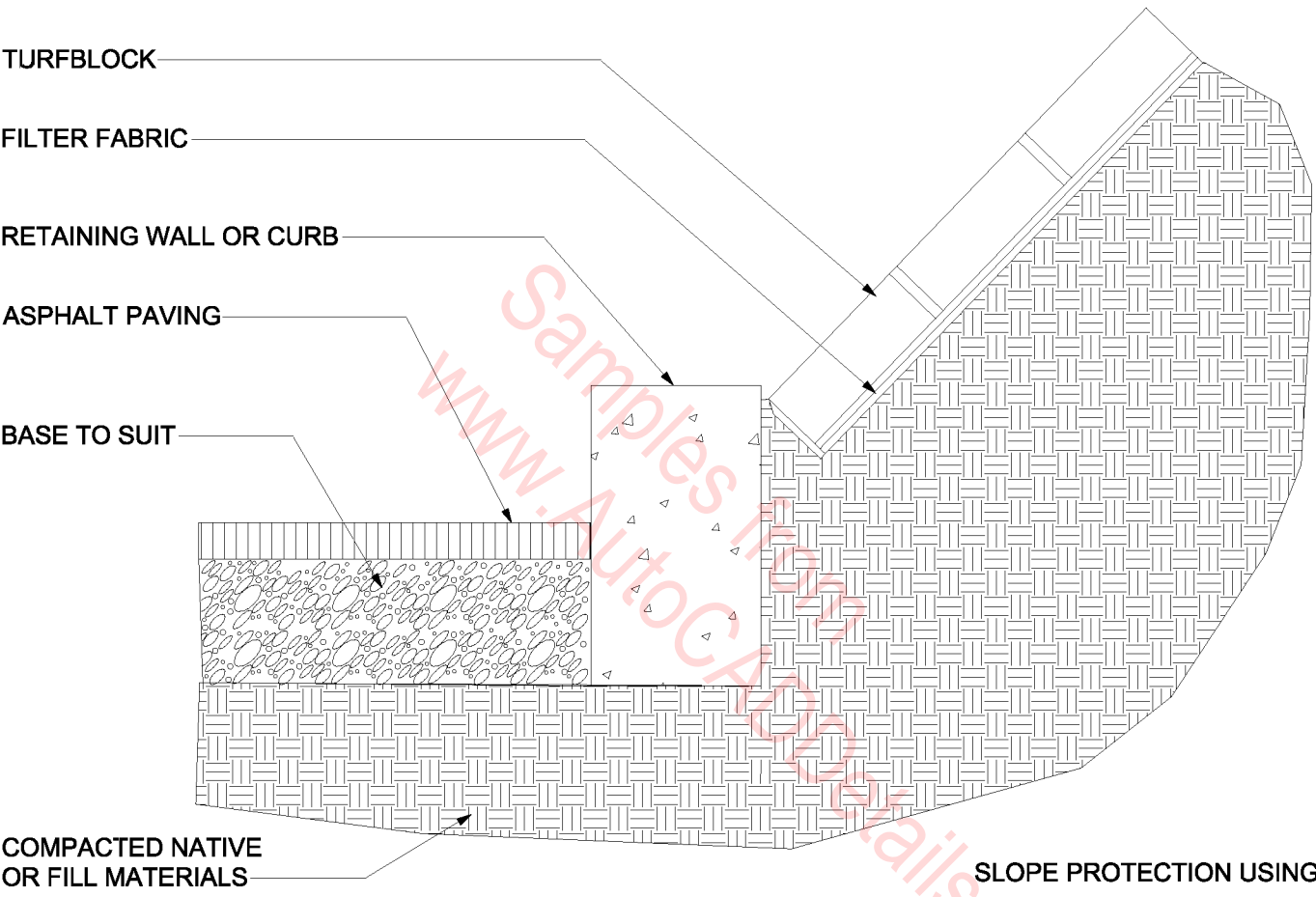
SEATWALL SECTION



SHRUB DETAIL



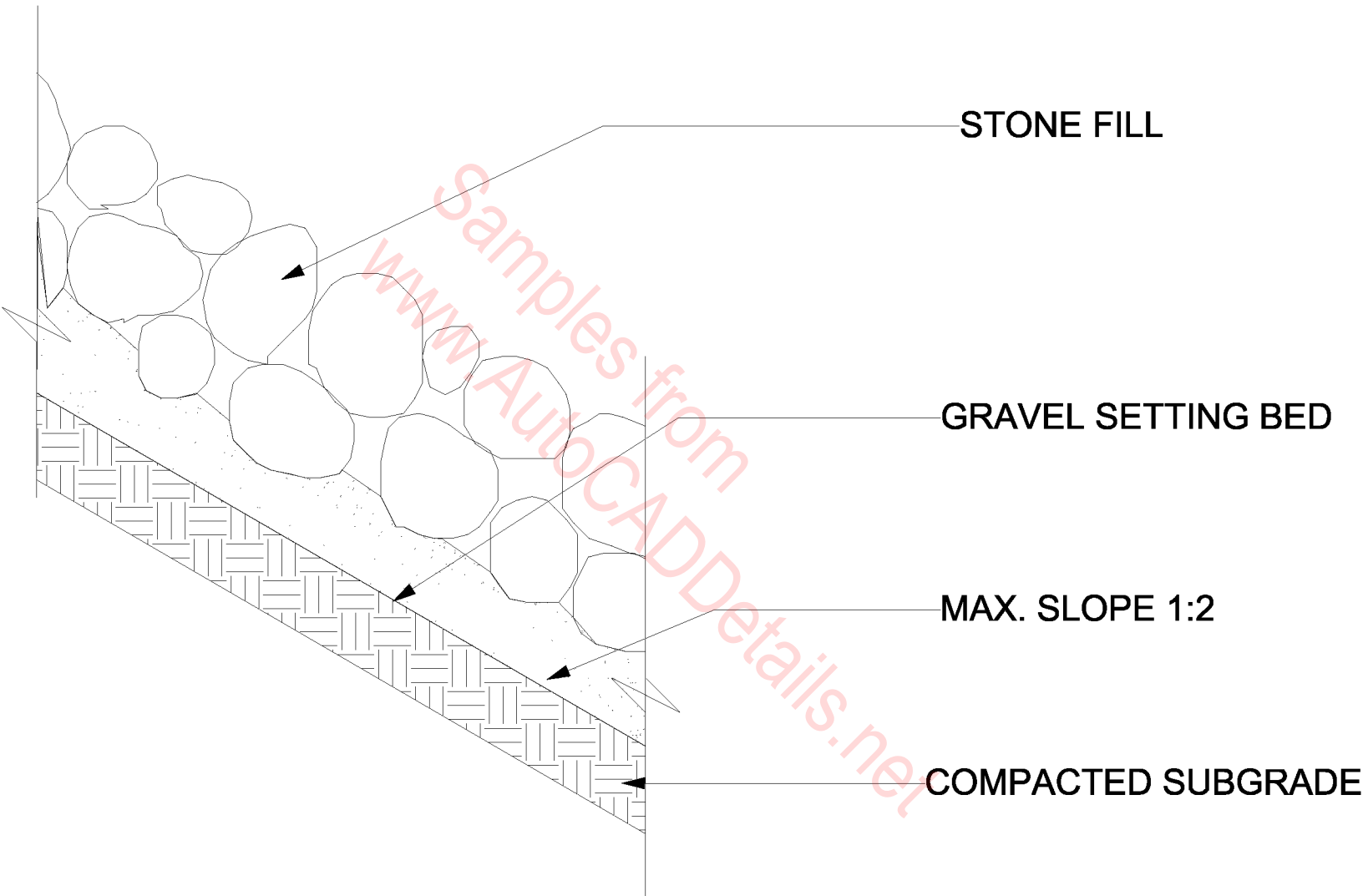
SIGN PANEL ATTACHMENT



SLOPE PROTECTION DETAIL

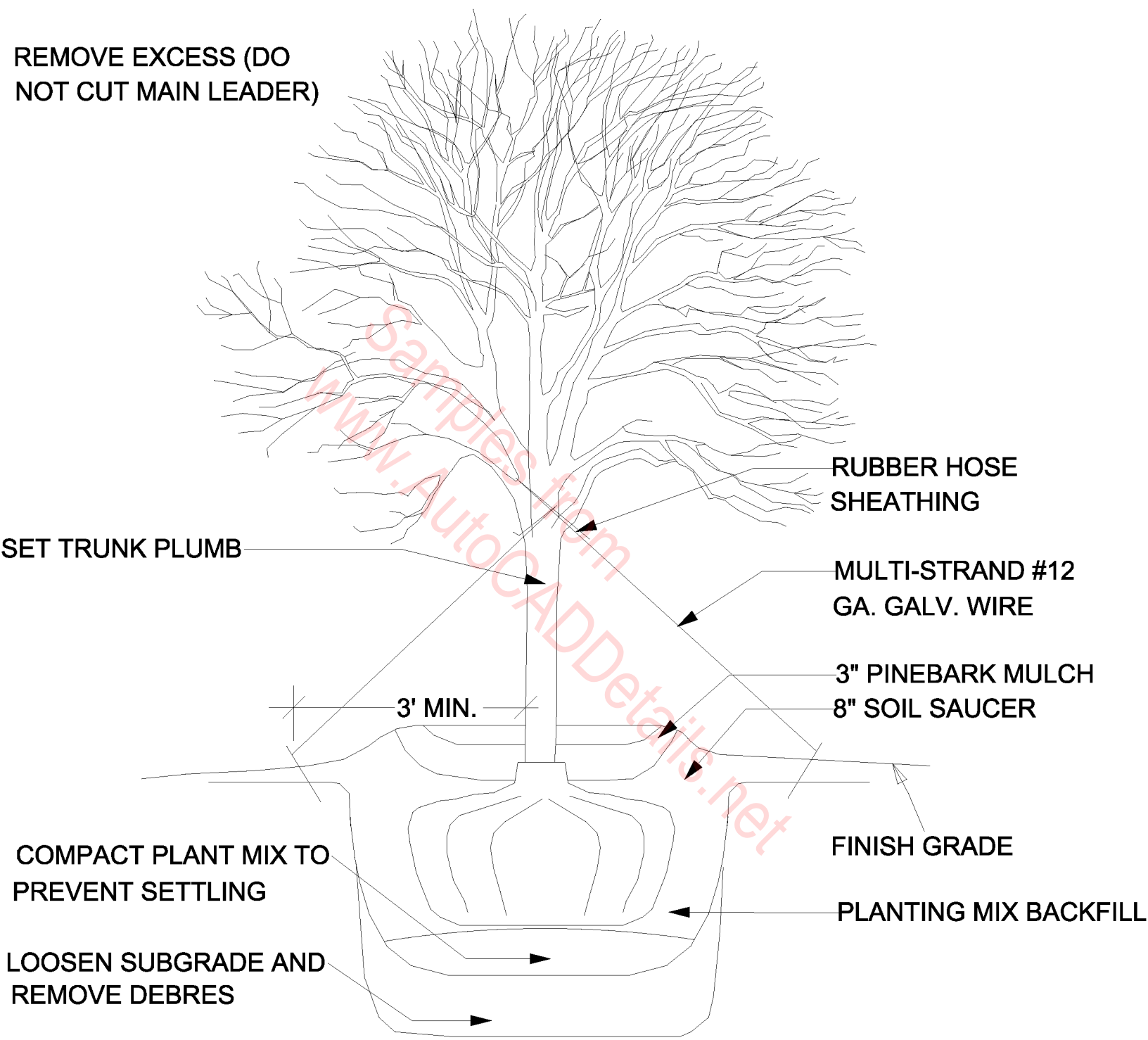
SLOPE PROTECTION USING TURFBLOCK:

1. STONE SHOULD ALWAYS BE LAID FROM BOTTOM UP.
2. STAKING OR PINNING MAY BE USED ON SLOPES STEEPER THAN 1 TO 1 OR WHERE HYDRAULIC FORCES ARE MORE INTENSE.
3. APERTURES MAY BE FILLED WITH TOPSOIL AND PLANTED OR FILLED WITH GRAVEL.
4. THE TOP OF THE SLOPE SHOULD BE PROTECTED AGAINST UNDERMINING.

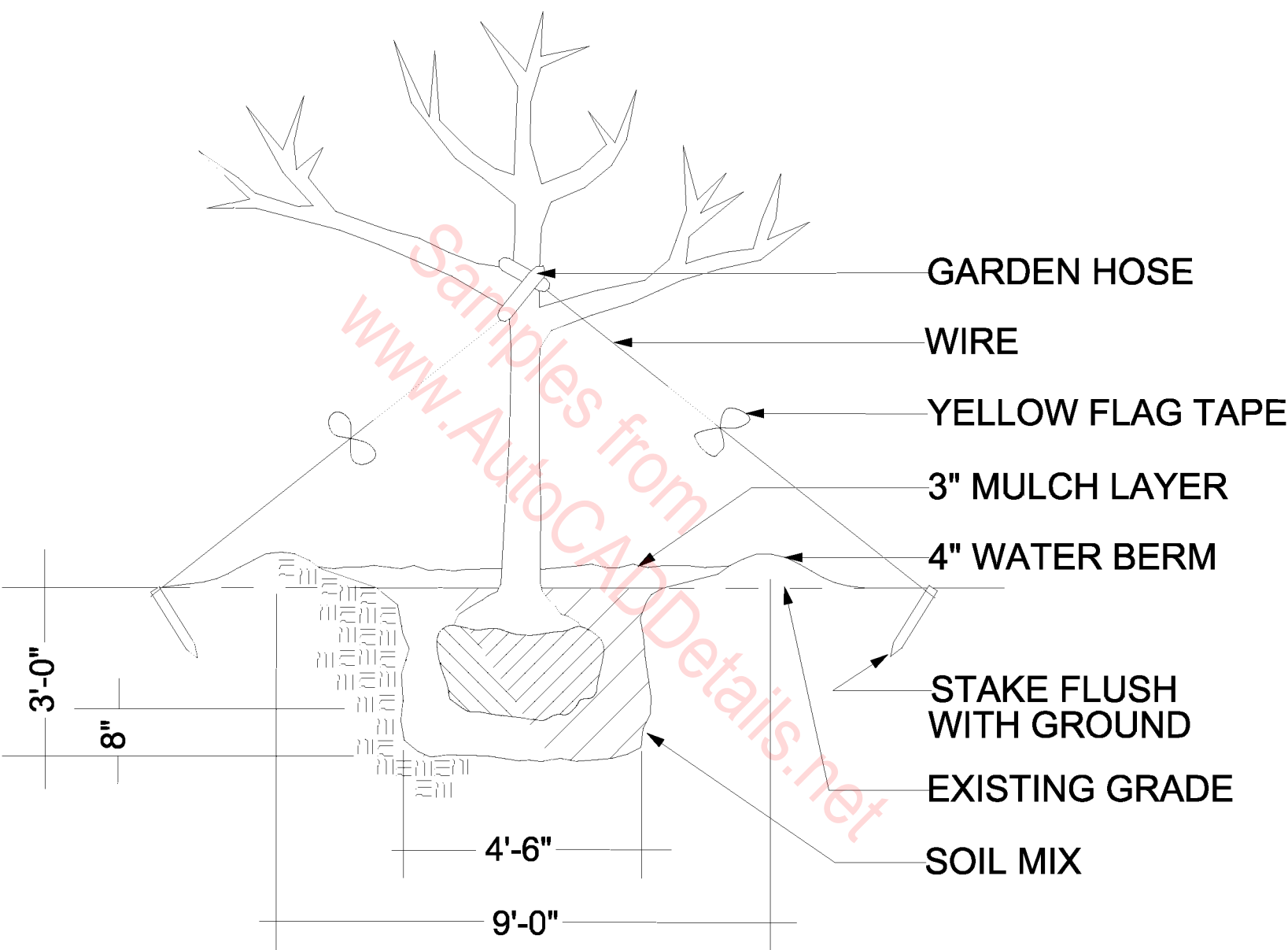


STONE EROSION CONTROL

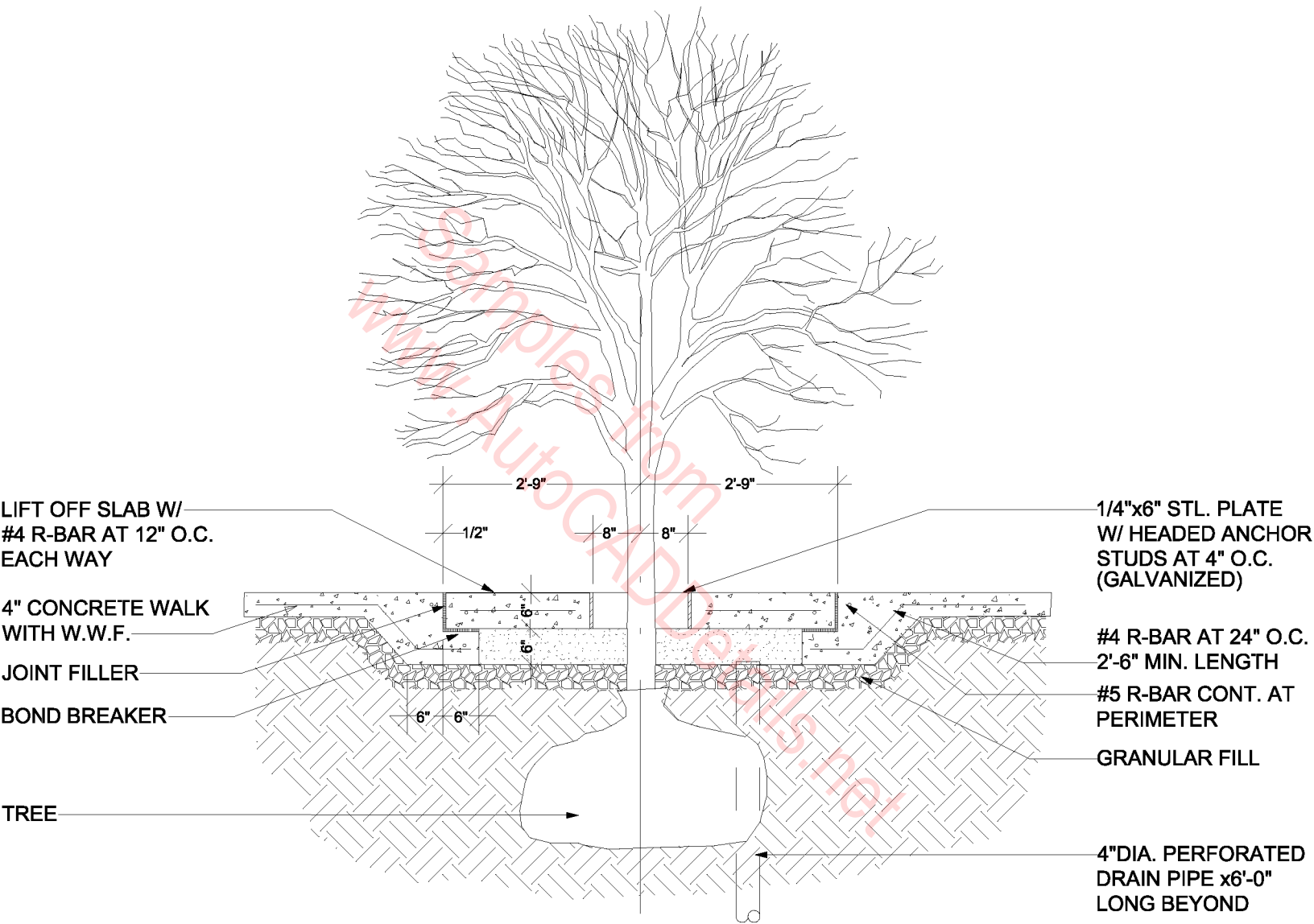
REMOVE EXCESS (DO NOT CUT MAIN LEADER)



TREE DETAIL



TREE PLANTING



TREE PLANTING DETAIL
 (SECTION)

INTERNATIONAL SOCIETY OF ARBORICULTURE

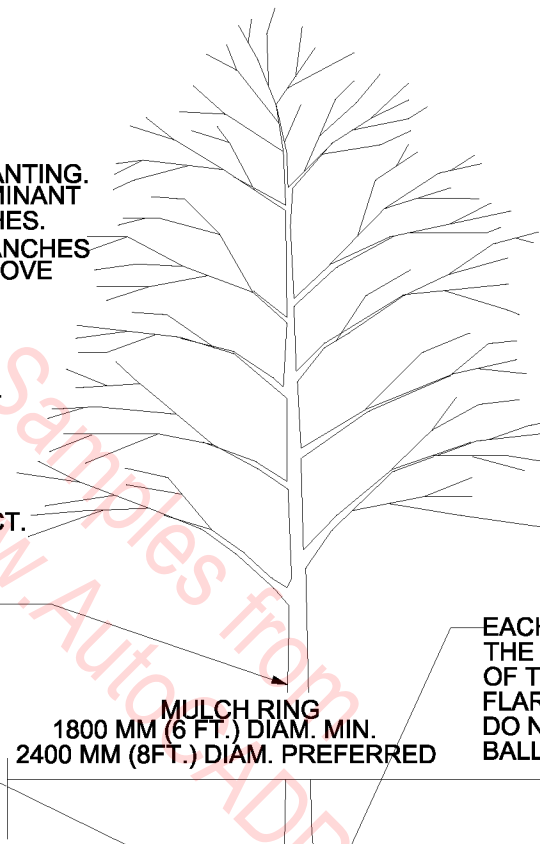
DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.

STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT. SEE STAKING DETAIL.

WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT. SEE WRAPPING DETAIL.

MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHEN EVER POSSIBLE.

SET TOP OF ROOT BALL FLUSH TO GRADE OR 25-50 MM (1-2 IN.) HIGHER IN SLOWLY DRAINING SOILS.



MULCH RING
1800 MM (6 FT.) DIAM. MIN.
2400 MM (8 FT.) DIAM. PREFERRED

EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.

200 MM (8 IN.)

100 MM (4 IN.) HIGH EARTH SAUCER BEYOND EDGE OF ROOT BALL.

50 MM (2 IN.) MULCH. DO NOT PLACE MULCH IN CONTACT WITH TREE TRUNK. MAINTAIN THE MULCH WEED-FREE FOR A MINIMUM OF THREE YEARS AFTER PLANTING.

REMOVE ALL TWINE, ROPE AND WIRE, AND BURLAP FROM TOP HALF OF ROOT BALL

IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET IN FOUR PLACES AND FOLD DOWN 200 MM (8 IN.) INTO PLANTING HOLE.

NOTE: FOR DIMENSIONS OF PLANTING AREAS, TYPES OF SOIL AMENDMENTS, OR SOIL REPLACEMENT, SEE "SOIL IMPROVEMENT DETAILS."

PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL.

TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT.

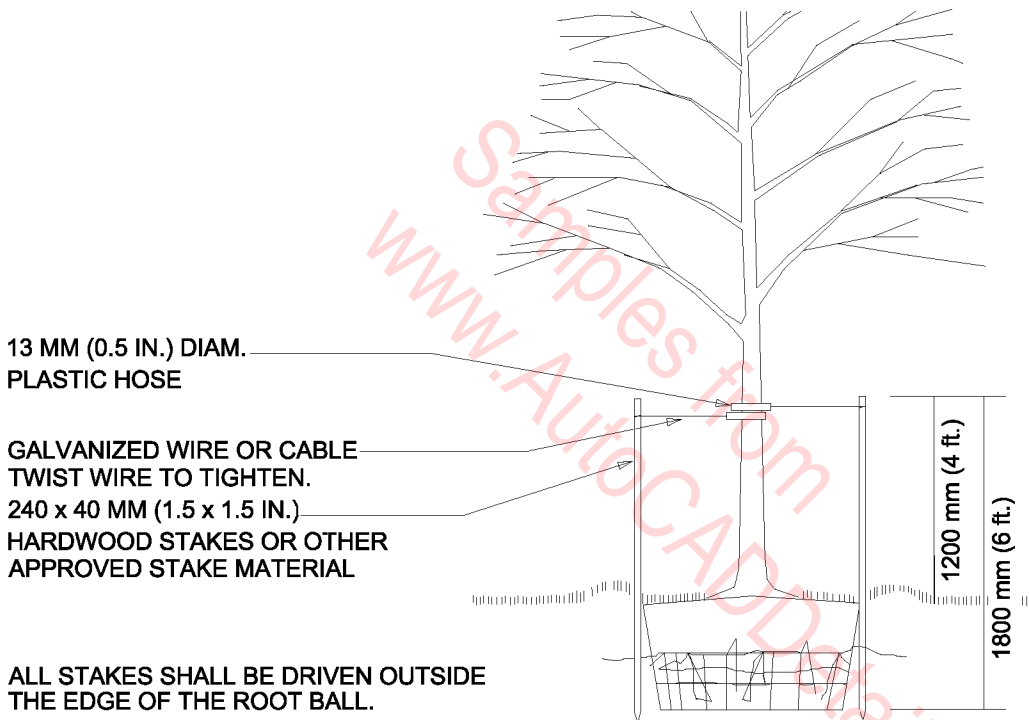
TREE PLANTING DETAIL - B&B TREES IN ALL SOIL TYPES

NOTE: THIS DETAIL ASSUMES THAT THE PLANTING SPACE IS LARGER THAN 2400 MM (8 FT.) SQUARE, OPEN TO THE SKY, AND NOT COVERED BY ANY PAVING OR GRATING.

INTERNATIONAL SOCIETY OF ARBORICULTURE

WIRE OR CABLE SIZES SHALL BE AS FOLLOWS:
TREES UP TO 65 MM (2.5 IN.) CALIPER - 14 GAUGE
TREES 65 MM (2.5 IN.) TO 75 MM (3 IN.) CALIPER - 12 GAUGE

TIGHTEN WIRE OR CABLE ONLY ENOUGH TO KEEP FROM SLIPPING. ALLOW FOR SOME TRUNK MOVEMENT. PLASTIC HOSE SHALL BE LONG ENOUGH TO ACCOMMODATE 35MM (1.5 IN.) OF GROWTH AND BUFFER ALL BRANCHES FROM THE WIRE. TUCK ANY LOOSE ENDS OF THE WIRE OR CABLE INTO THE WIRE WRAP SO THAT NO SHARP WIRE ENDS ARE EXPOSED.



ASSURE THAT THE BEARING SURFACE OF THE PROTECTIVE COVERING OF THE WIRE OR CABLE AGAINST THE TREE TRUNK IS A MINIMUM OF 12 MM (0.5 IN.).

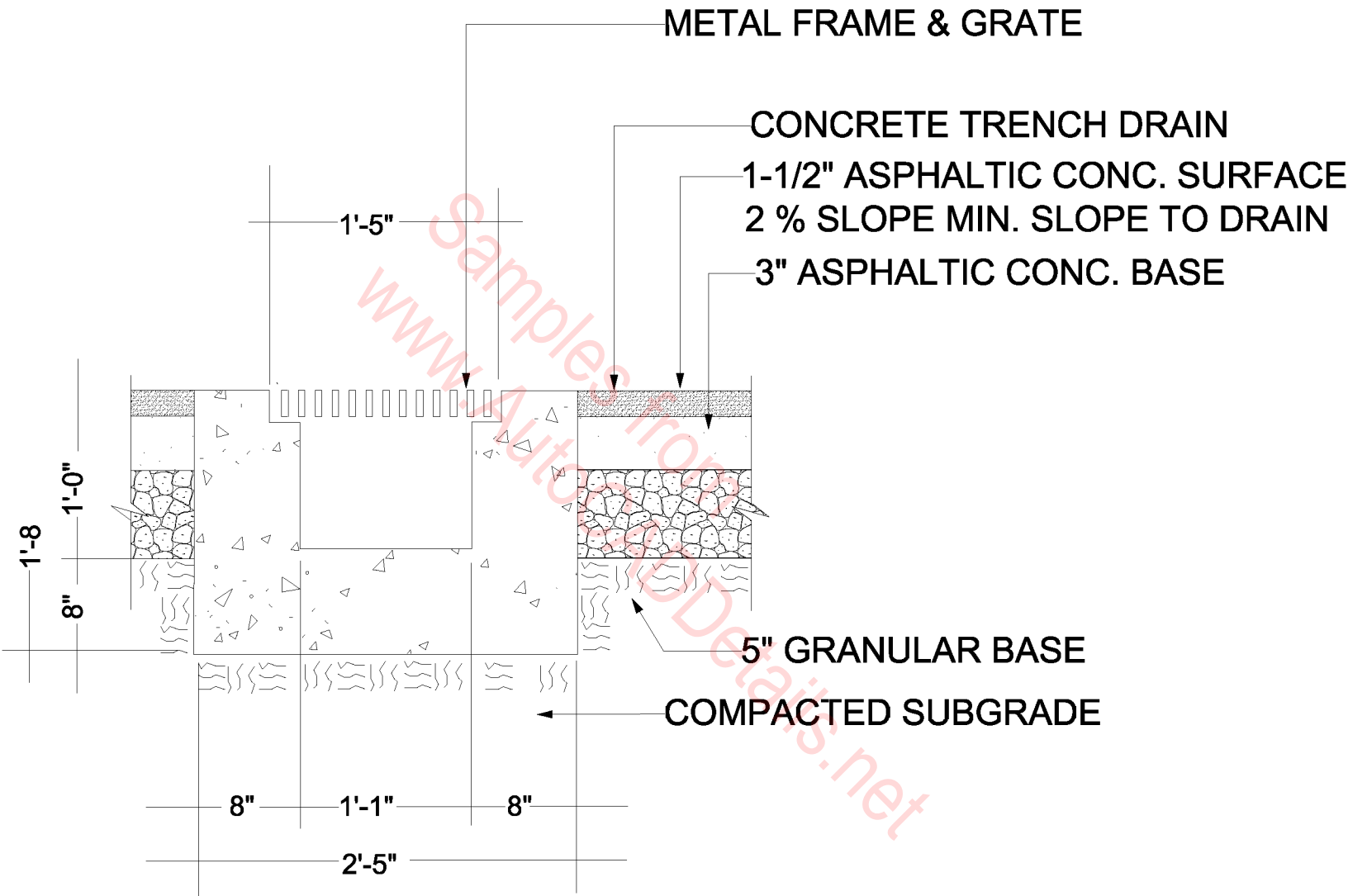
REMOVE ALL STAKING AS SOON AS THE TREE HAS GROWN SUFFICIENT ROOTS TO OVERCOME THE PROBLEM THAT REQUIRED THE TREE TO BE STAKED. STAKES SHALL BE REMOVED NO LATER THE END OF THE FIRST GROWING SEASON AFTER PLANTING.

TREES NORMALLY DO NOT NEED TO BE STAKED AND STAKING CAN BE HARMFUL TO THE TREE. STAKING SHOULD BE DONE ONLY WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT IF IT IS EXPECTED THAT THE TREE WILL NOT BE ABLE TO SUPPORT ITSELF.

THE FOLLOWING ARE REASONS WHY TREES DO NOT REMAIN STRAIGHT.

- o TREES WITH POOR - QUALITY ROOT BALLS OR ROOT BALLS THAT HAVE BEEN CRACKED OR DAMAGED. REJECT RATHER THAN STAKE.
- o TREES THAT HAVE GROWN TOO CLOSE TOGETHER IN THE NURSERY, RESULTING IN WEAK TRUNKS. REJECT RATHER THAN STAKE.
- o PLANTING PROCEDURES THAT DO NOT ADEQUATELY TAMP SOILS AROUND THE ROOT BALL. CORRECT THE PLANTING PROCEDURE.
- o ROOT BALLS PLACED ON SOFT SOIL. TAMP SOILS UNDER ROOT BALL PRIOR TO PLANTING.
- o ROOT BALLS WITH VERY SANDY SOIL OR VERY WET CLAY SOIL. STAKING ADVISABLE.
- o TREES LOCATED IN A PLACE OF EXTREMELY WINDY CONDITIONS. STAKING ADVISABLE.

TREE STAKING DETAIL - TREES 75MM (3 IN.) CALIPER OR LESS

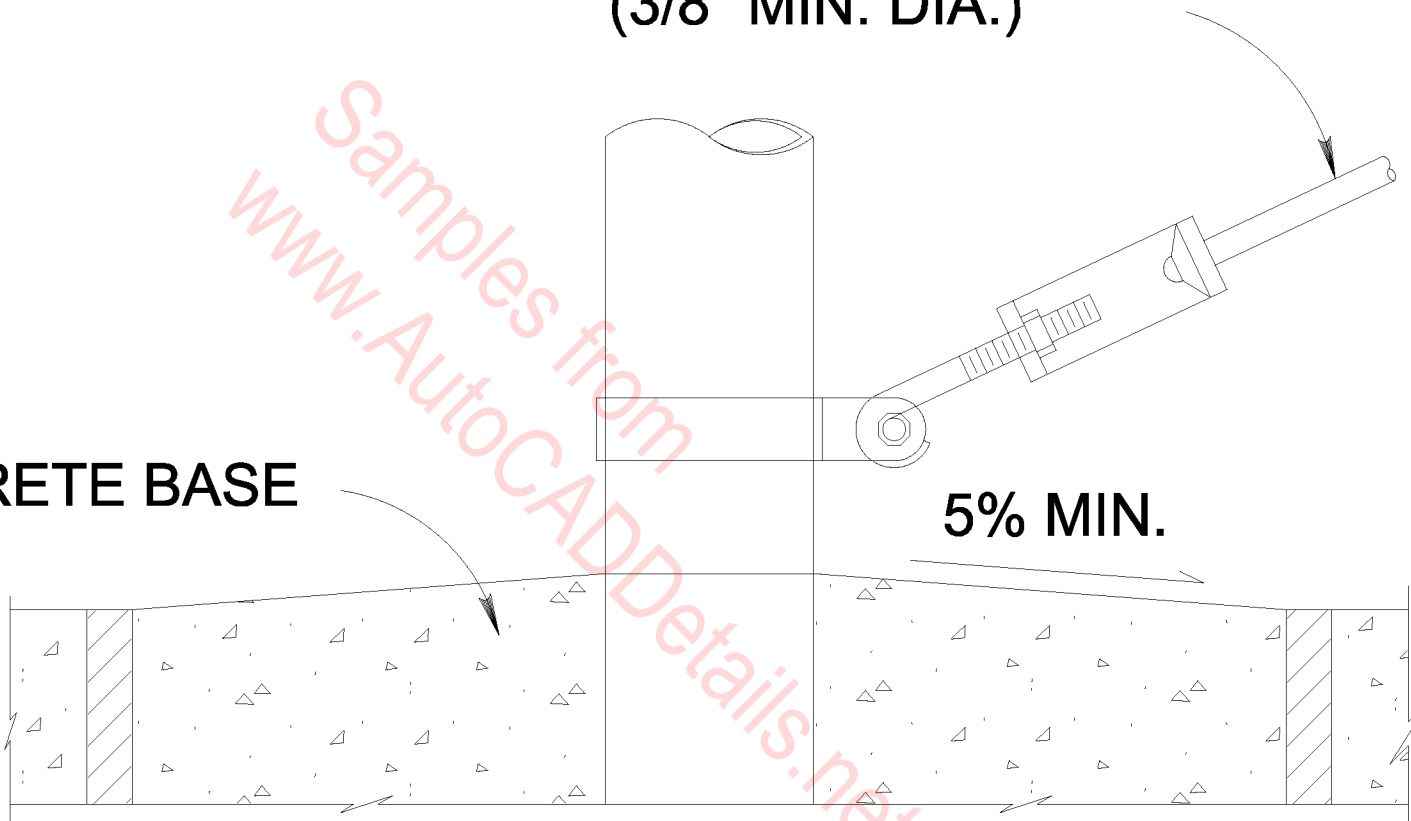


TRENCH DRAIN

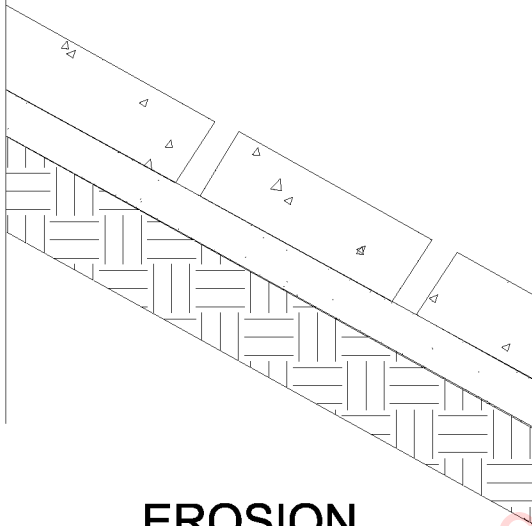
TRUSS ROD
(3/8" MIN. DIA.)

CONCRETE BASE

5% MIN.



TRUSS ROD AND BAND

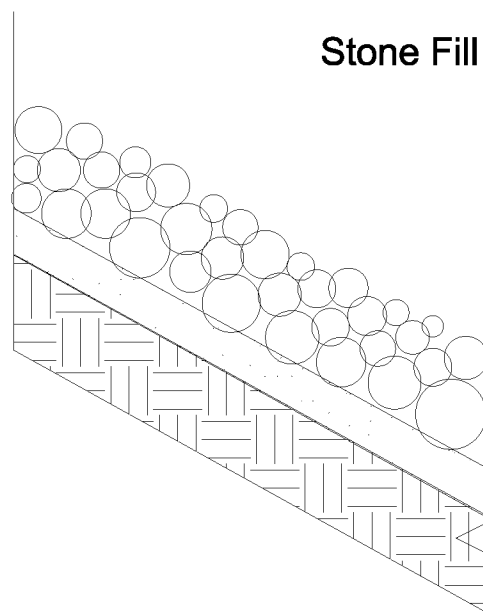


EROSION Concrete

Slope s up to 2:1, use stone,
broken concrete or wood grid.

Slopes up to 1:1, use stone or
broken concrete set on mortar &
with mortar between joints

Steeps slopes, use retaining walls



Stone Fill

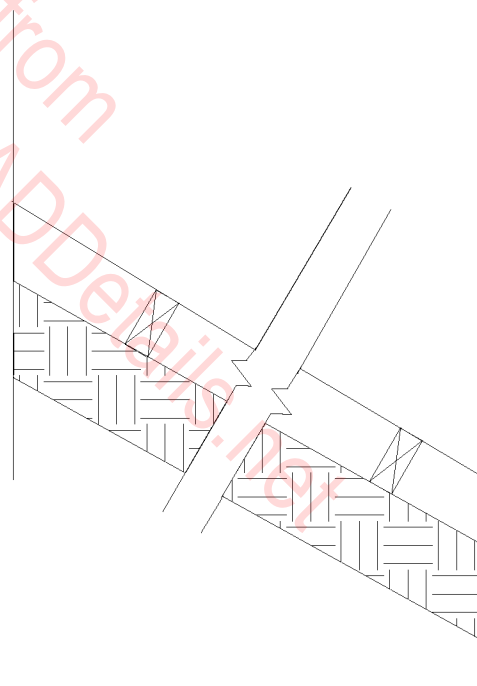
Gravel
Setting Bed

Max. Slope 1:2

Compacted
Subgrade

EROSION CONTROL Stone

Use 4" to 8" dia. round stone
Hand place on 3" sand bed.

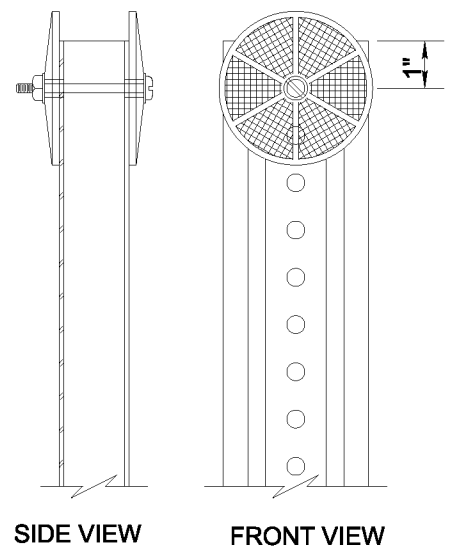
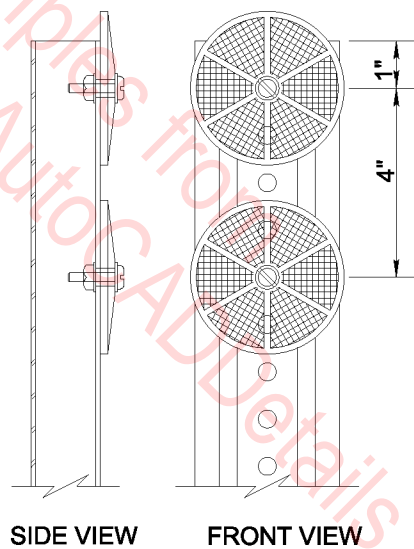
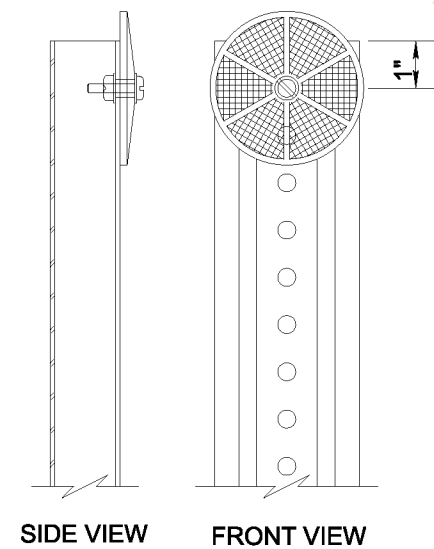
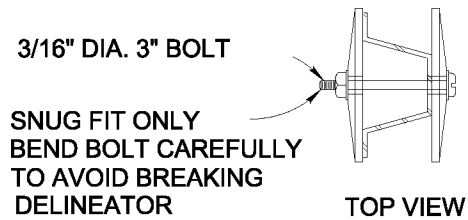
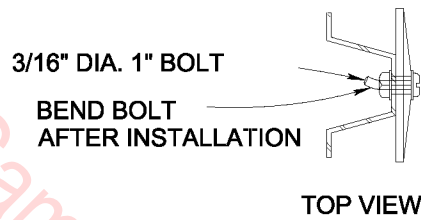
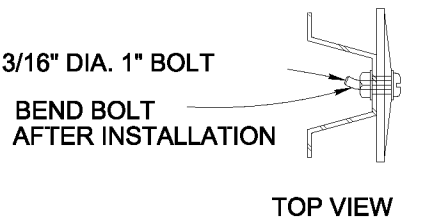


EROSION CONTROL Wood Grid

Lay 2x4's across the slope @ 3'
spacing; lay 1x4 ties @ 8' o.c.

Fill grid spaces with topsoil & sod
or seed, wood chips, gravel or
ground cover.

TYPES OF EROSION CONTROL



TYPE I

SINGLE DELINEATOR - ONE WAY

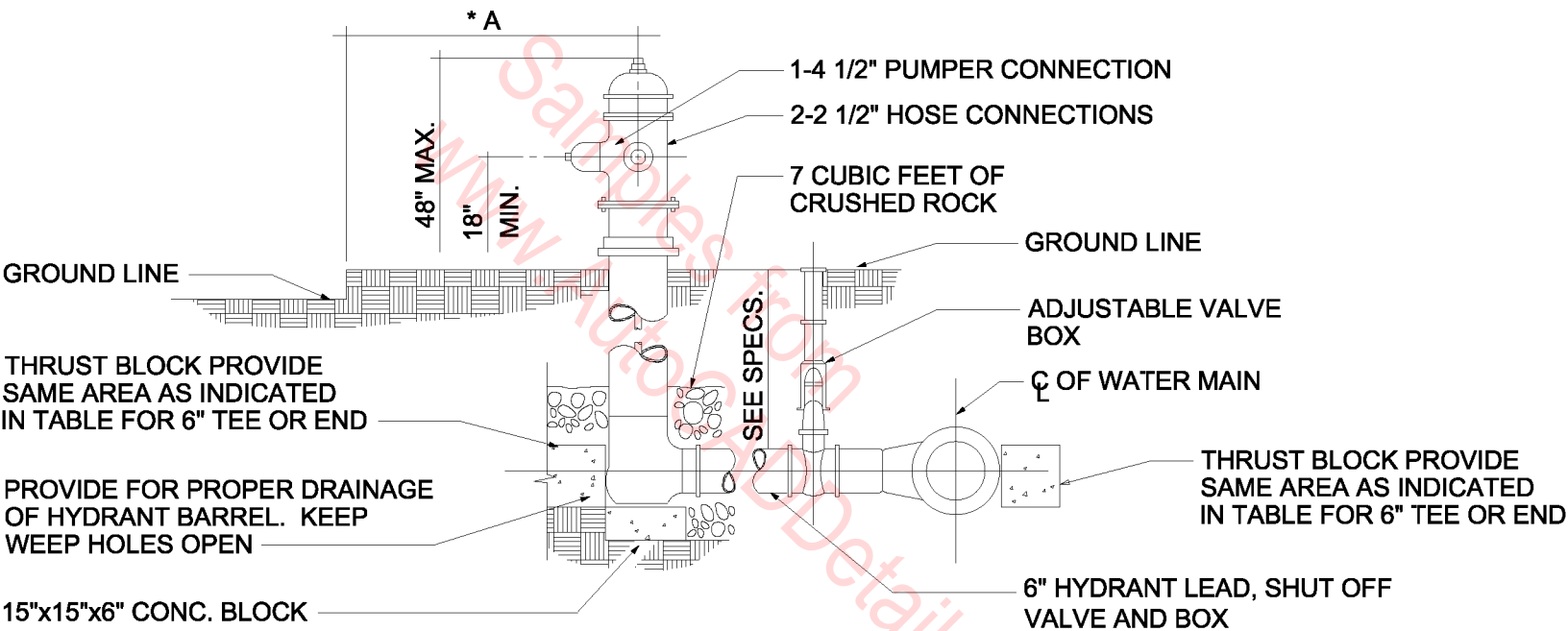
TYPE II

DOUBLE DELINEATOR - ONE WAY

TYPE III

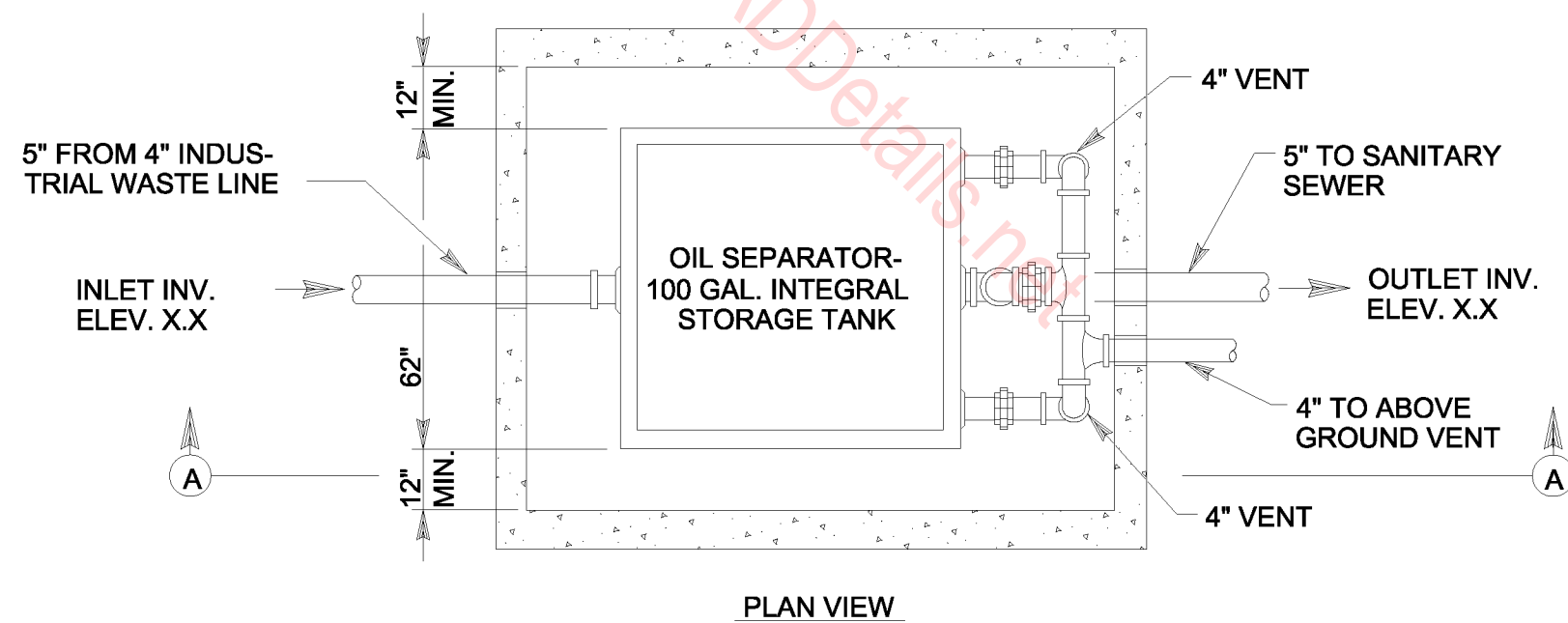
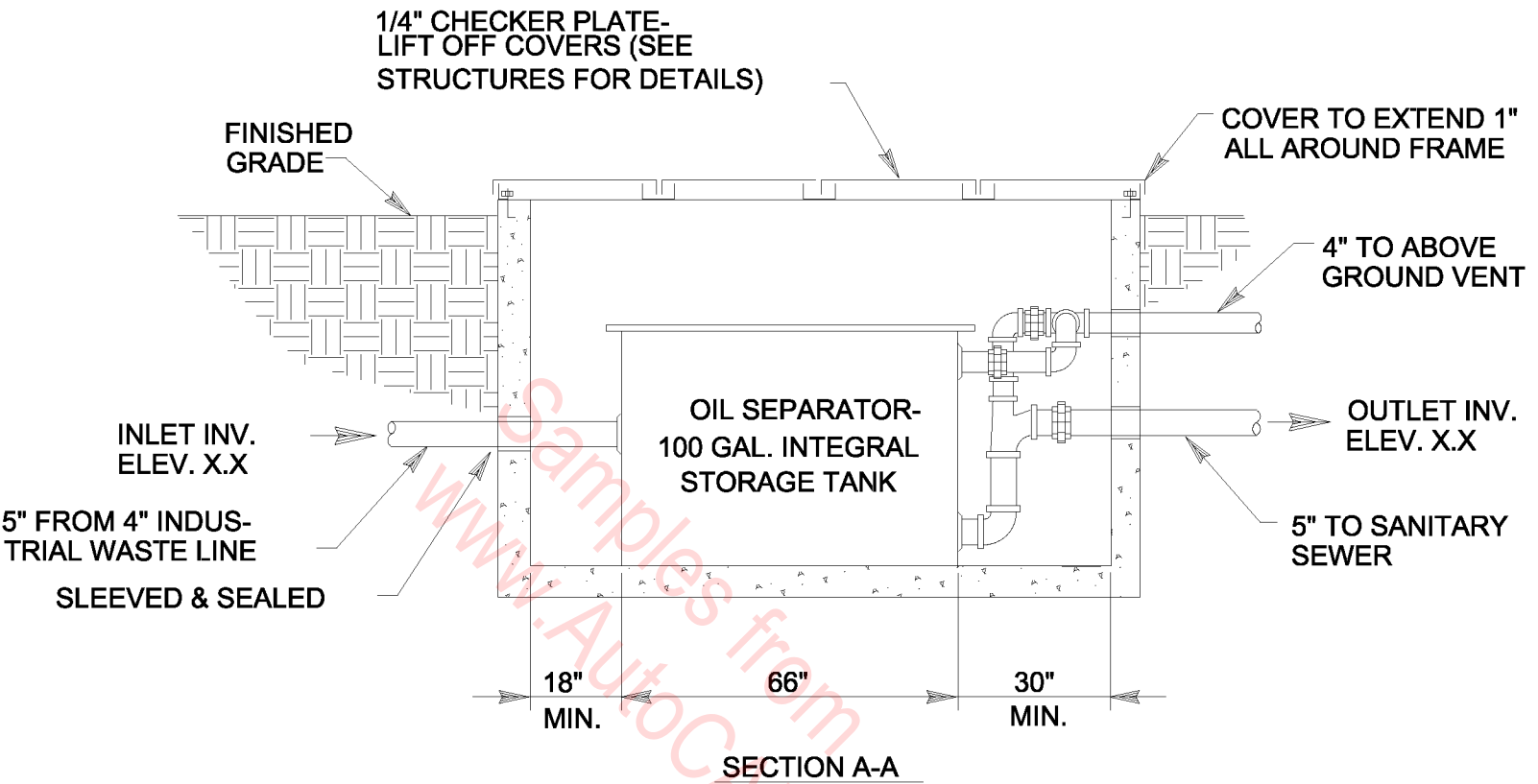
SINGLE DELINEATOR - TWO WAY

TYPICAL DELINEATOR TYPES AND MOUNTINGS

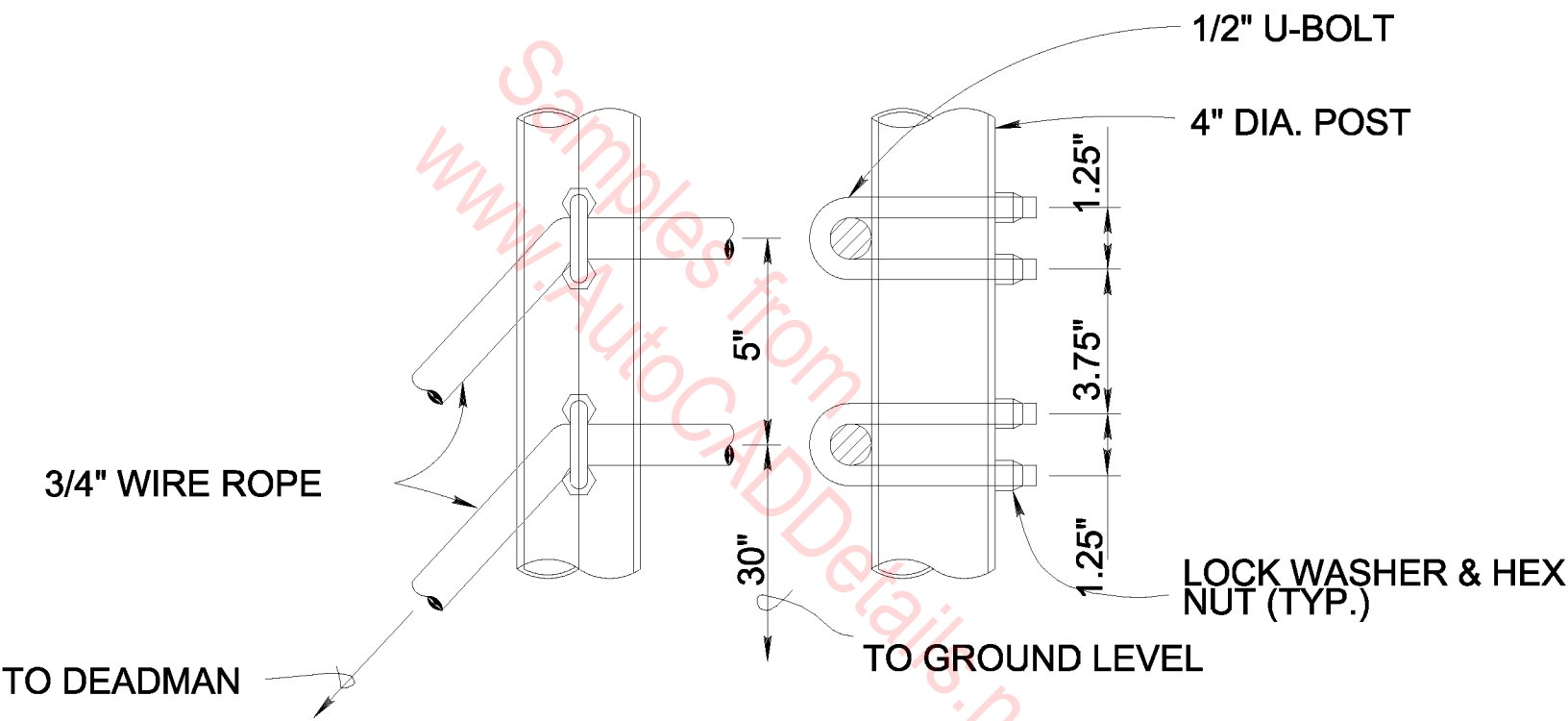


TYPICAL FIRE HYDRANT SETTING

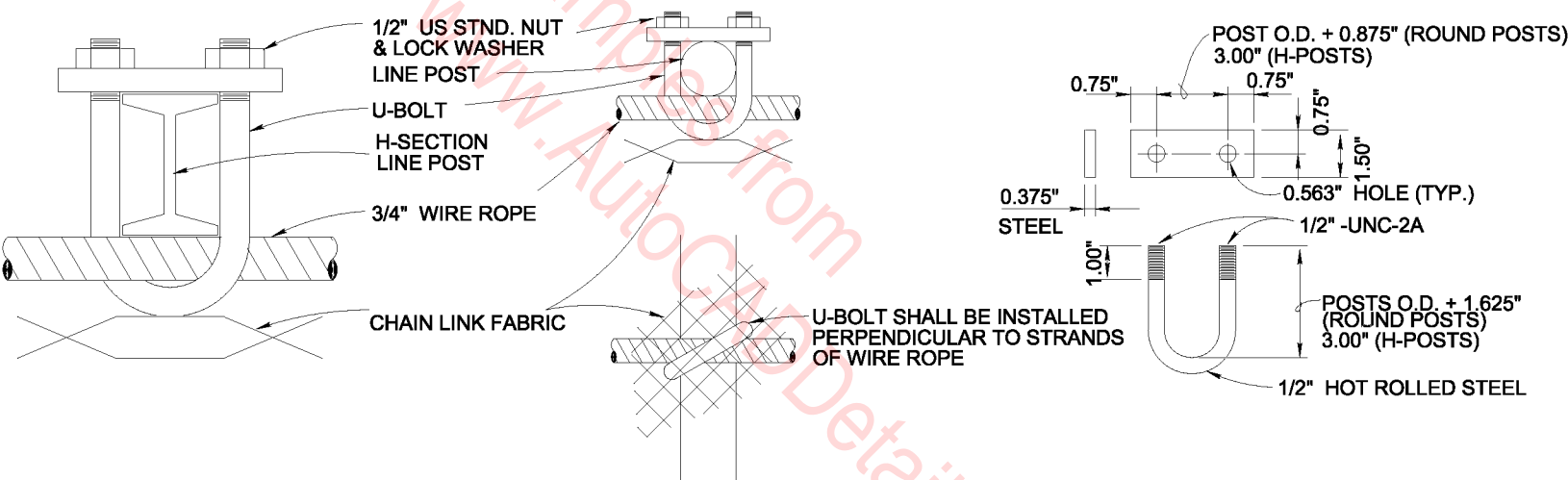
* A = 7'-0" FROM BACK OF PAVEMENT WHERE NO CURB EXISTS OR 4'-0" FROM BACK OF CURB.



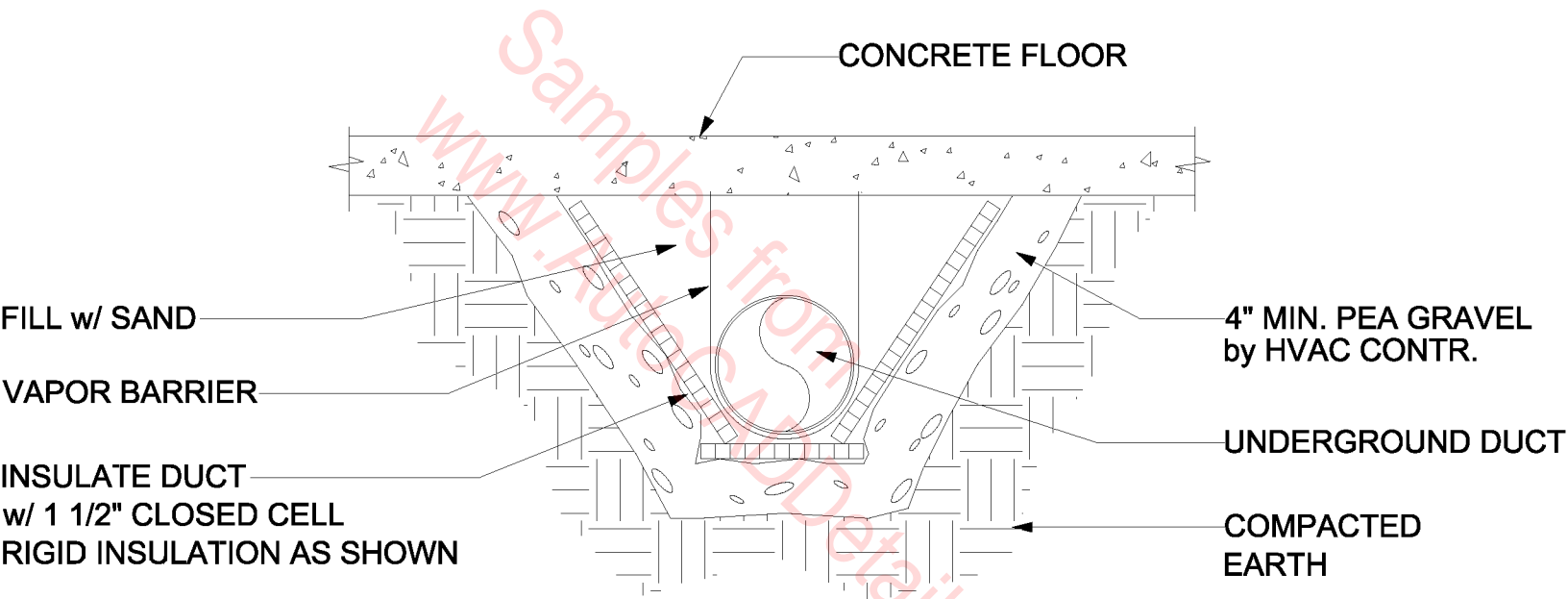
TYPICAL OIL SEPARATOR DETAIL



U-BOLT AT CABLE ANCHOR POST DETAIL



U-BOLT AT LINE POST DETAILS

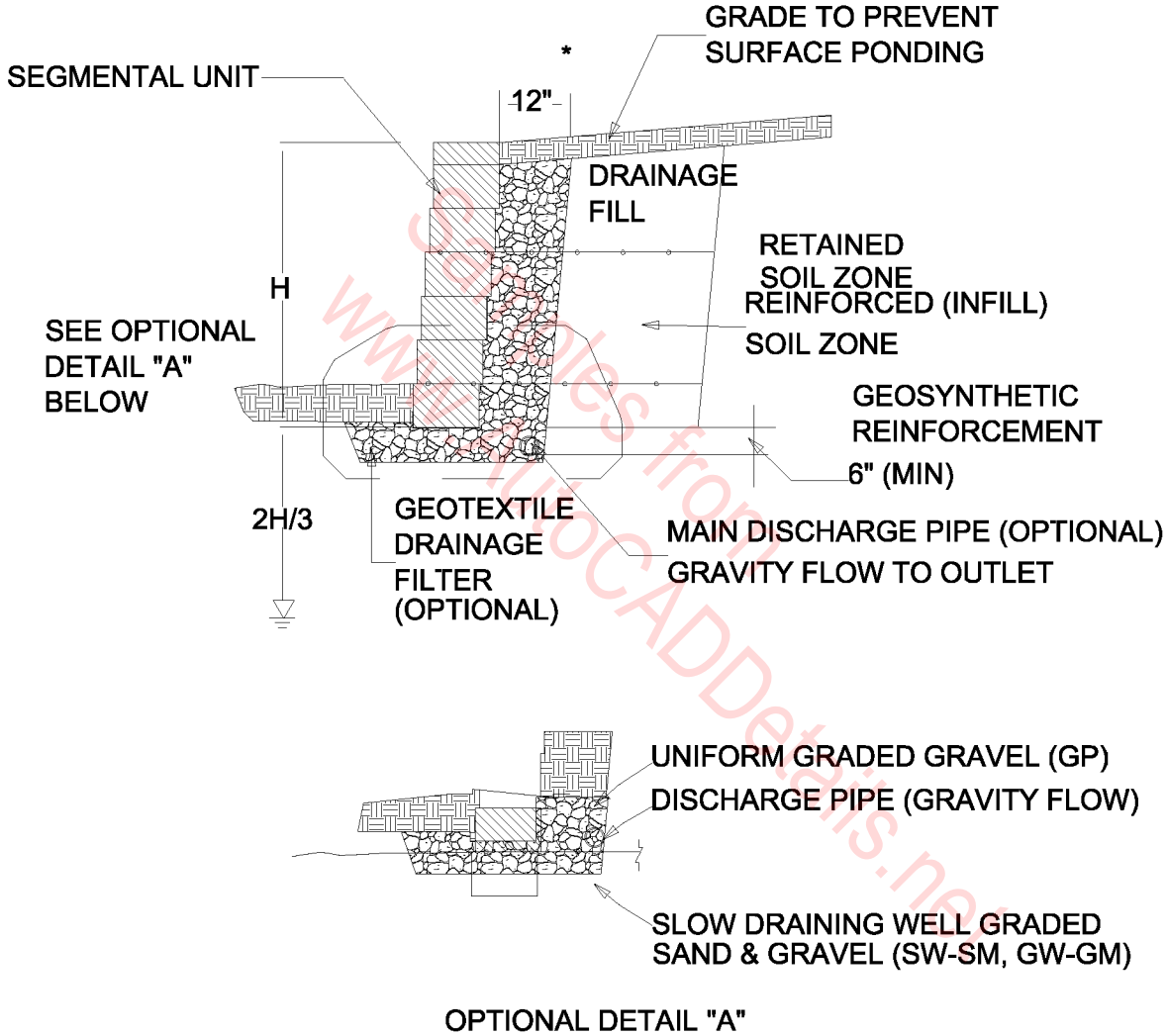


UNDERGROUND DUCT DETAIL

GROUNDWATER CONDITIONS FOR CASE 1

1. GROUNDWATER TABLE AT A MINIMUM OF $2H/3$ BELOW BOTTOM OF WALL ()
2. NO POSSIBILITY OF LATERAL (HORIZONTAL) GROUNDWATER FLOW INTO INFILL AND RETAINED SOILS

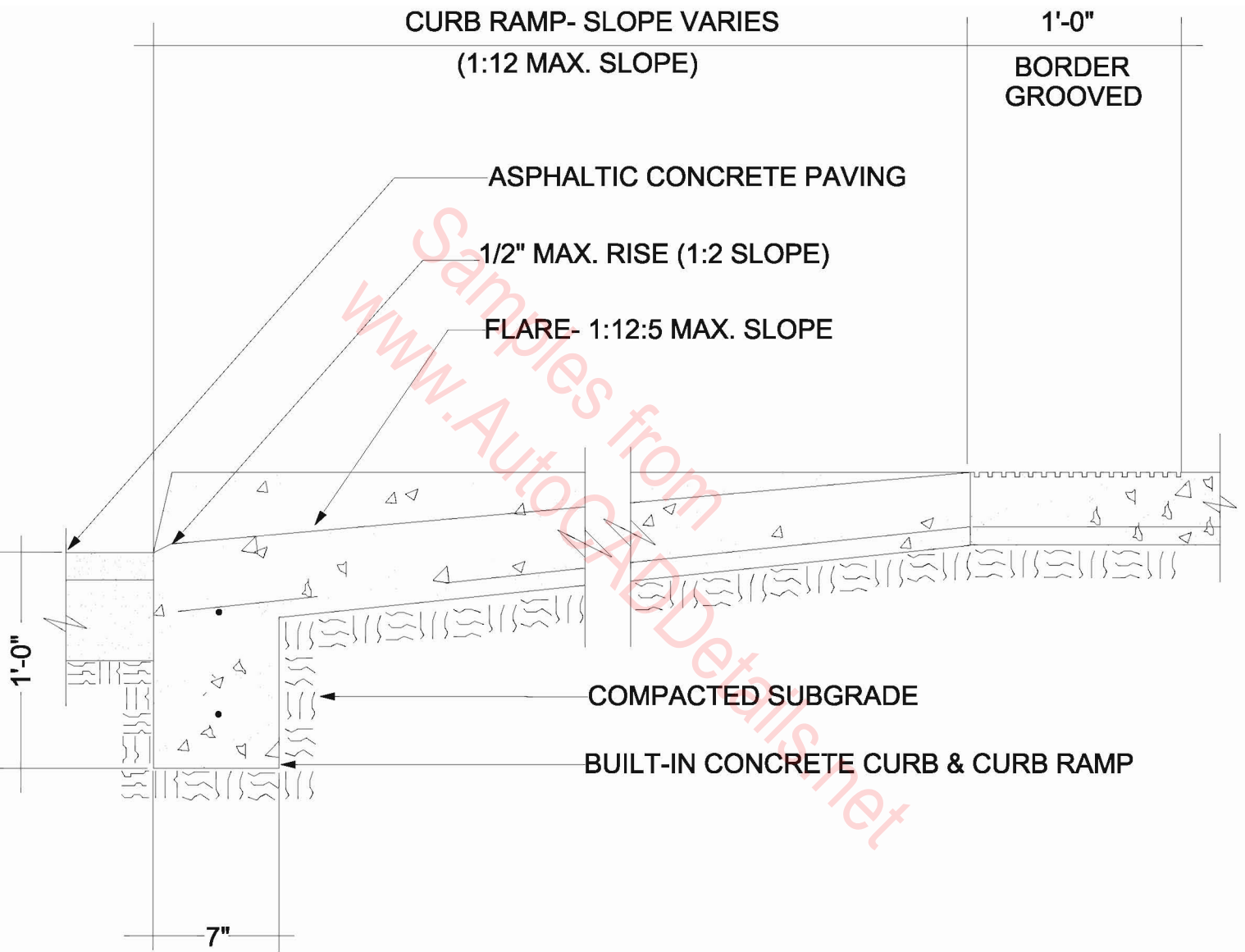
* MAY BE REDUCED TO 6" WHEN DRAIN MATERIAL IS PLACED IN CORES AND BETWEEN SRW UNITS



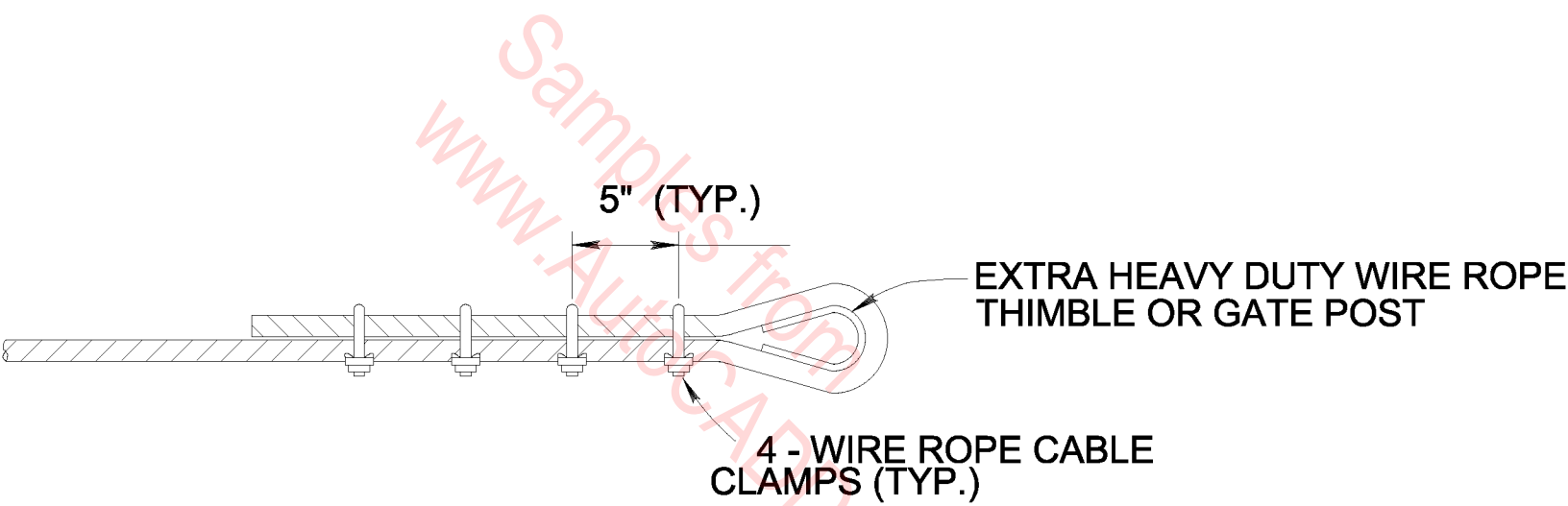
NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.

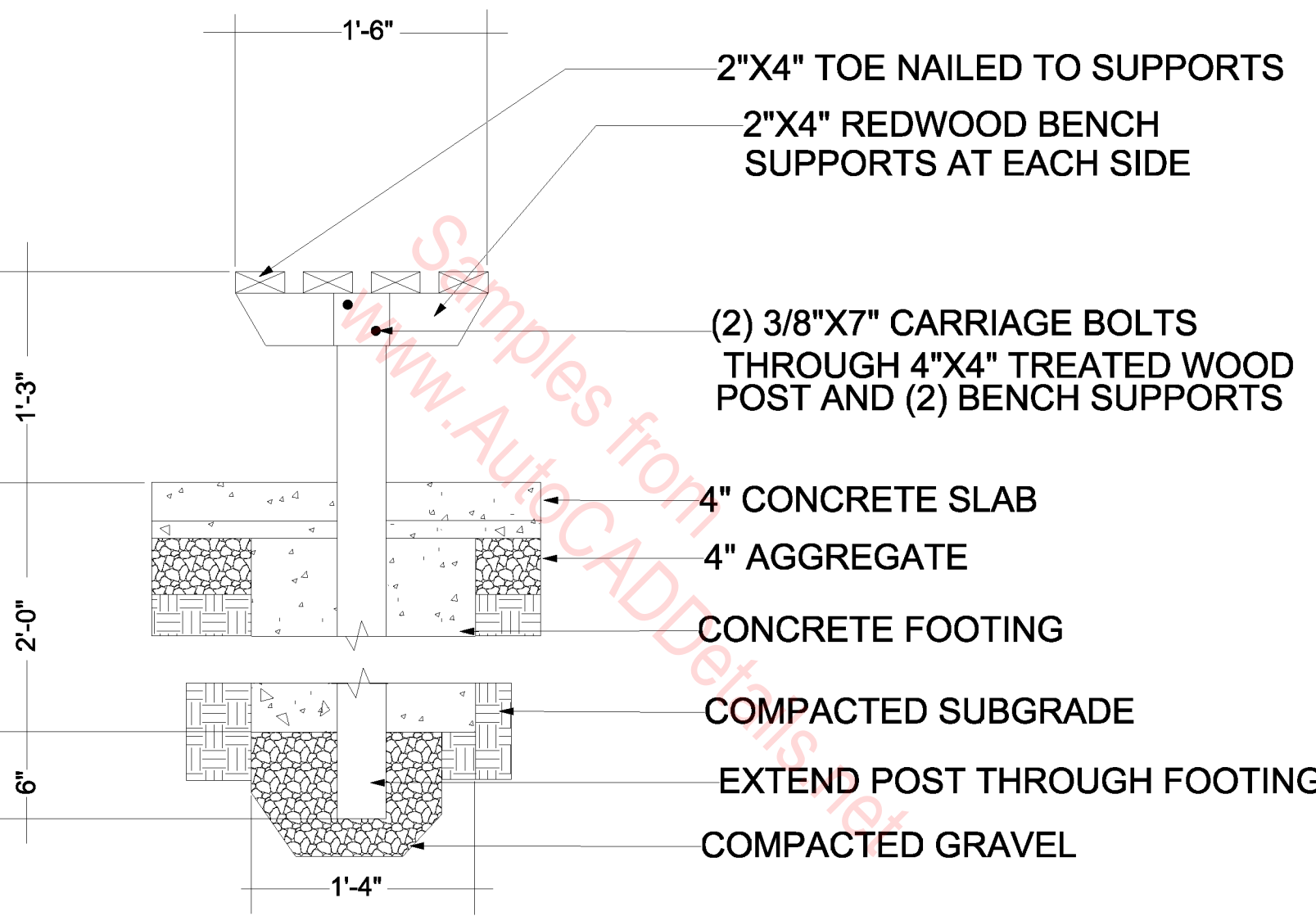
WALL FACE DRAIN DETAIL



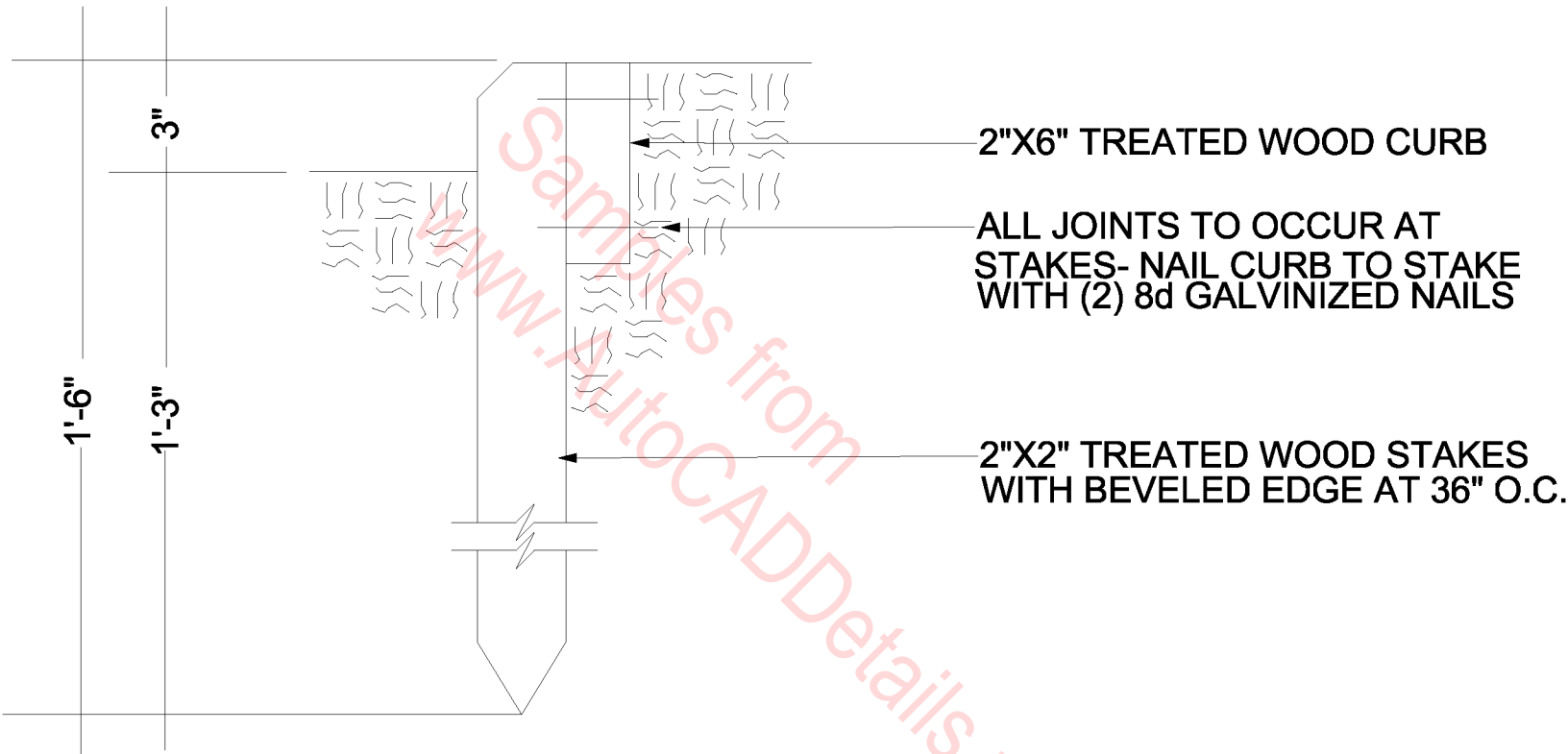
WHEELCHAIR CURB RAMP SECTION



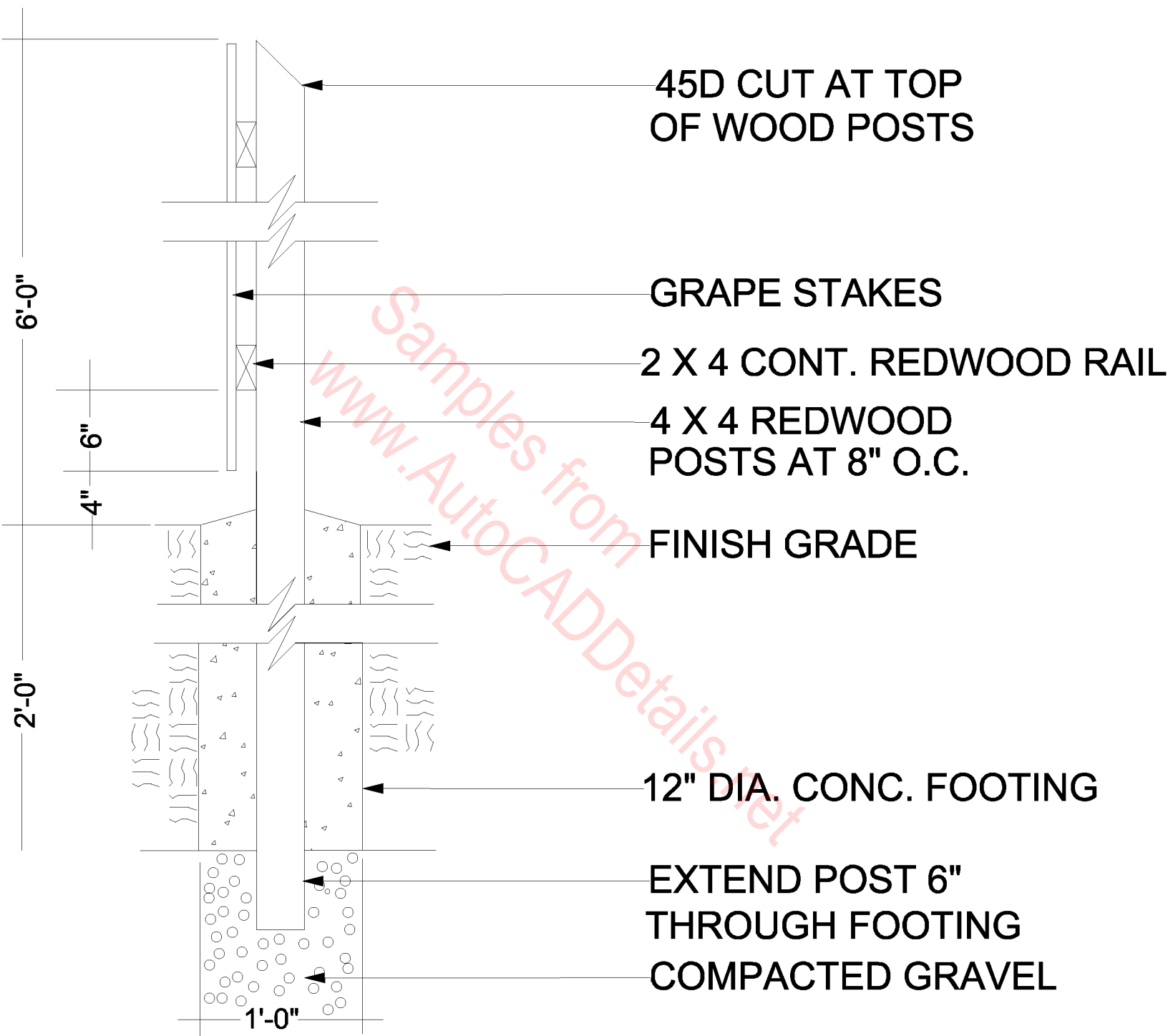
WIRE ROPE CLAMP DETAIL



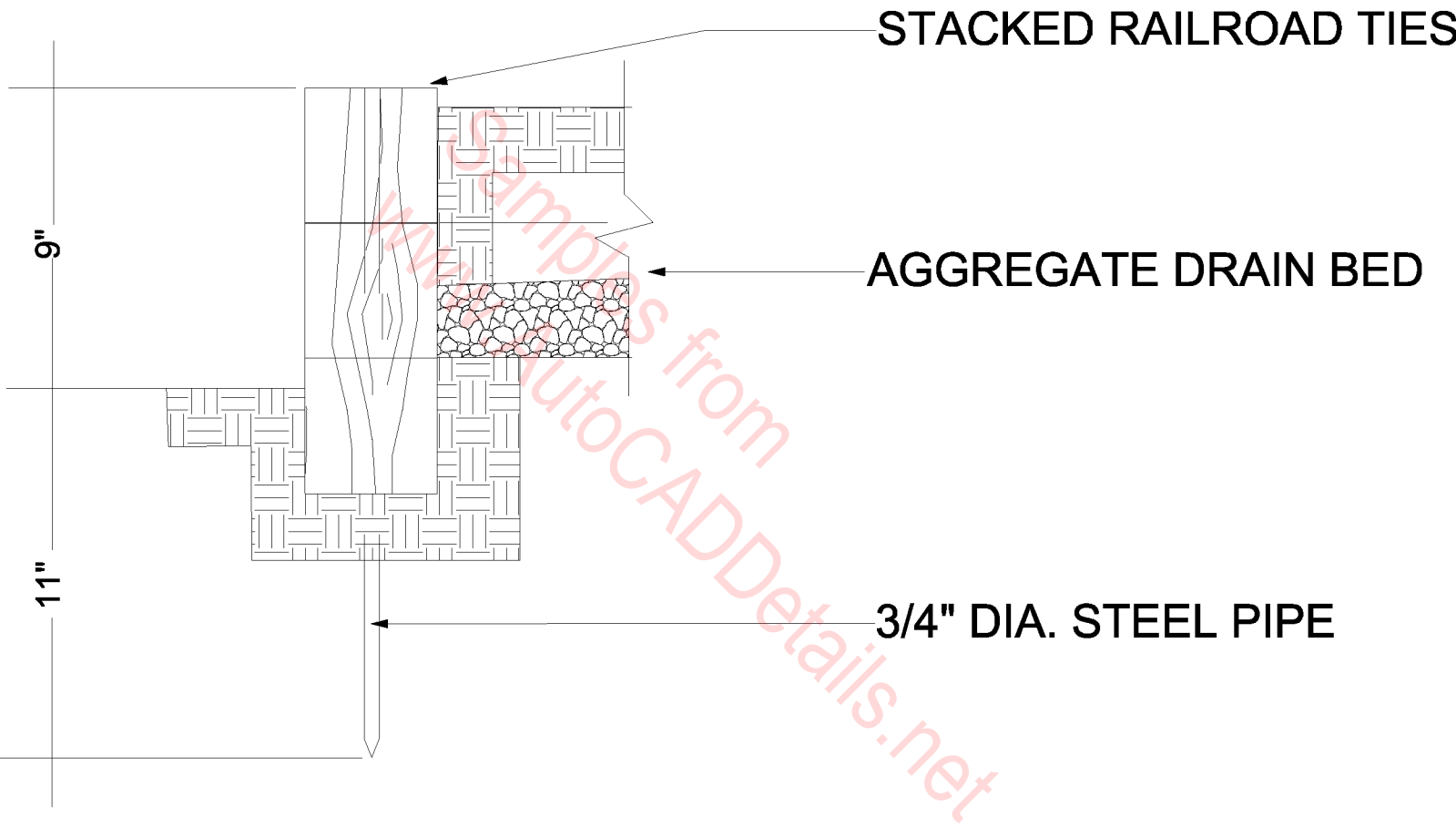
WOOD BENCH



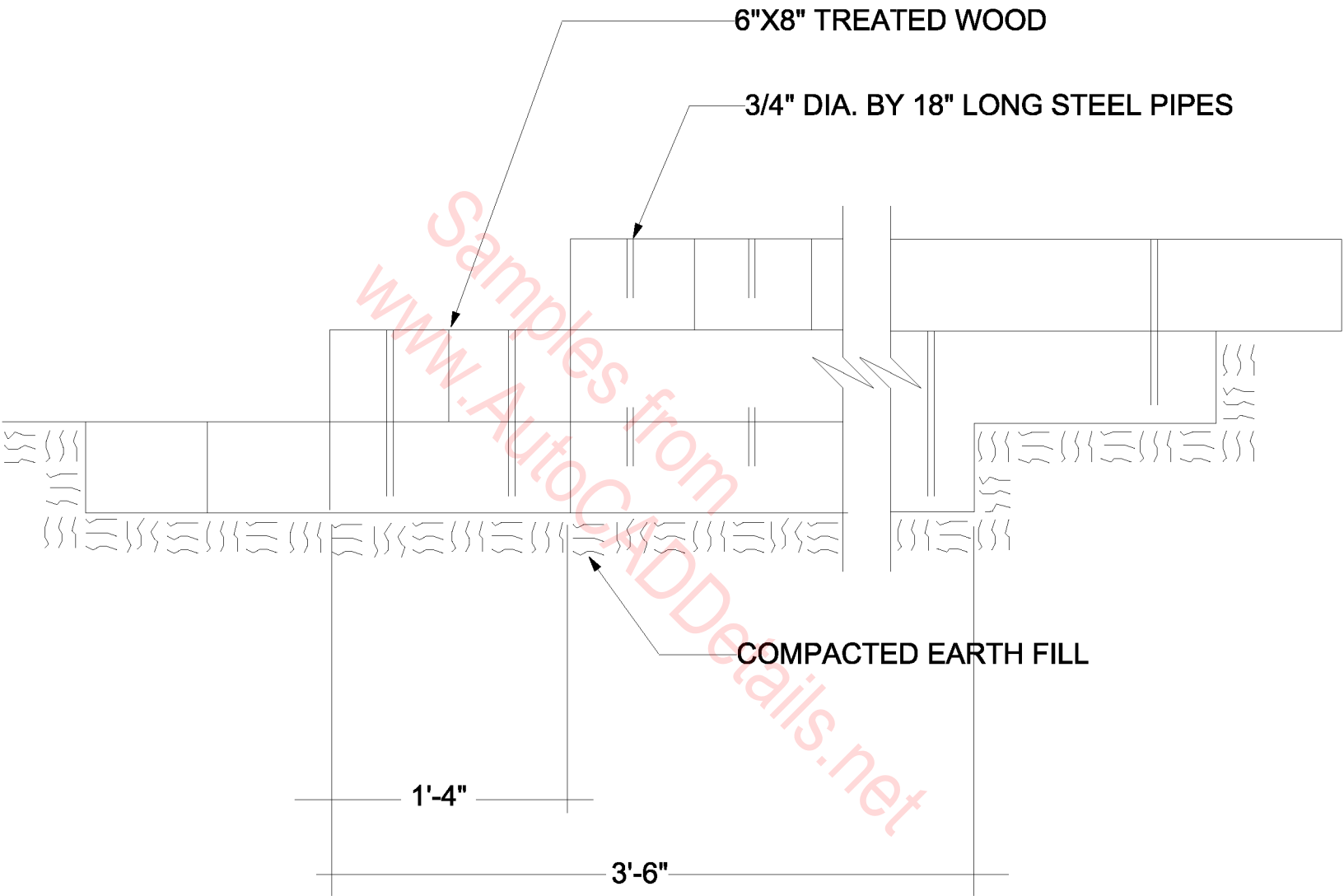
WOOD CURB



WOOD FENCE



WOOD PLANTER



WOOD STEPS