PIPE SUPPORT THROUGH FOUNDATION WALL DETAIL

N.T.S.

SECTION A-A

ELEVATION

BASEMENT FLOOR

PIECE SLEEVE 502mm (50") LARGER IN DIAMETER THAN PIPE

FIBER GLASS PACKING AND APPLICABLE
3 M CAULKING AT EACH END

50mm (2")

225mm (9")

50mm (2")

13mmX700mm (3-1/2"X28") BENT DOWELS
REINFORCING STEEL (SEE TABLE ABOVE)

SPAN (SEE TABLE ABOVE)

600mm (2'-O") MINIMUM

UNDISTURBED SOIL

OUTSIDE

FOUNDATION WALL

FILL

NOTES:

1) MECHANICAL SUBCONTRACTORS SHALL SET PIPE SLEEVE WHERE REQUIRED, AND SHALL COOPERATE WITH OTHER DIVISION TO LOCATE CHECK IN FOUNDATION WALL TO SUIT PIPE BRIDGE SUPPORT AS DETAILED

2) THIS DETAIL APPLIES TO ALL SERVICE PIPING PASSING THROUGH FOUNDATION WALLS OR OVER EXCAVATED AREAS INCLUDING SEWER LINES, WATER MAINS, GAS, OIL LINES & ETC.

SPAN

REINFORCING STEEL

UP TO 1850mm
(6'-0")

4 - #4 13mmØ (1/2"Ø)

1875mm
(6'-1") TO 2450mm
(8'-0")

4 - #5 16mmØ (5/8"Ø)

2475mm
(8'-1") TO 2900mm
(9'-6")

4 - #6 20mmØ (3/4"Ø)

2925mm
(9'-7") TO 3200mm
(10'-6")

4 - #7 22mmØ (7/8"Ø)

3225mm
(10'-7") AND OVER

SPECIAL; CONSULT WITH ARCHITECT

Physical Plant Department
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DRAWING TITLE:
PIPE SUPPORT FOUNDATION DETAIL

SHEET TITLE:
A & E STANDARDS

SCALE:
NTS

DATE:
MAY 2002

DETAIL NO.:
15400-066

DRAWN BY:
E.V.

REQ. NO.:
C00000

DWG. NO.:
D-***

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