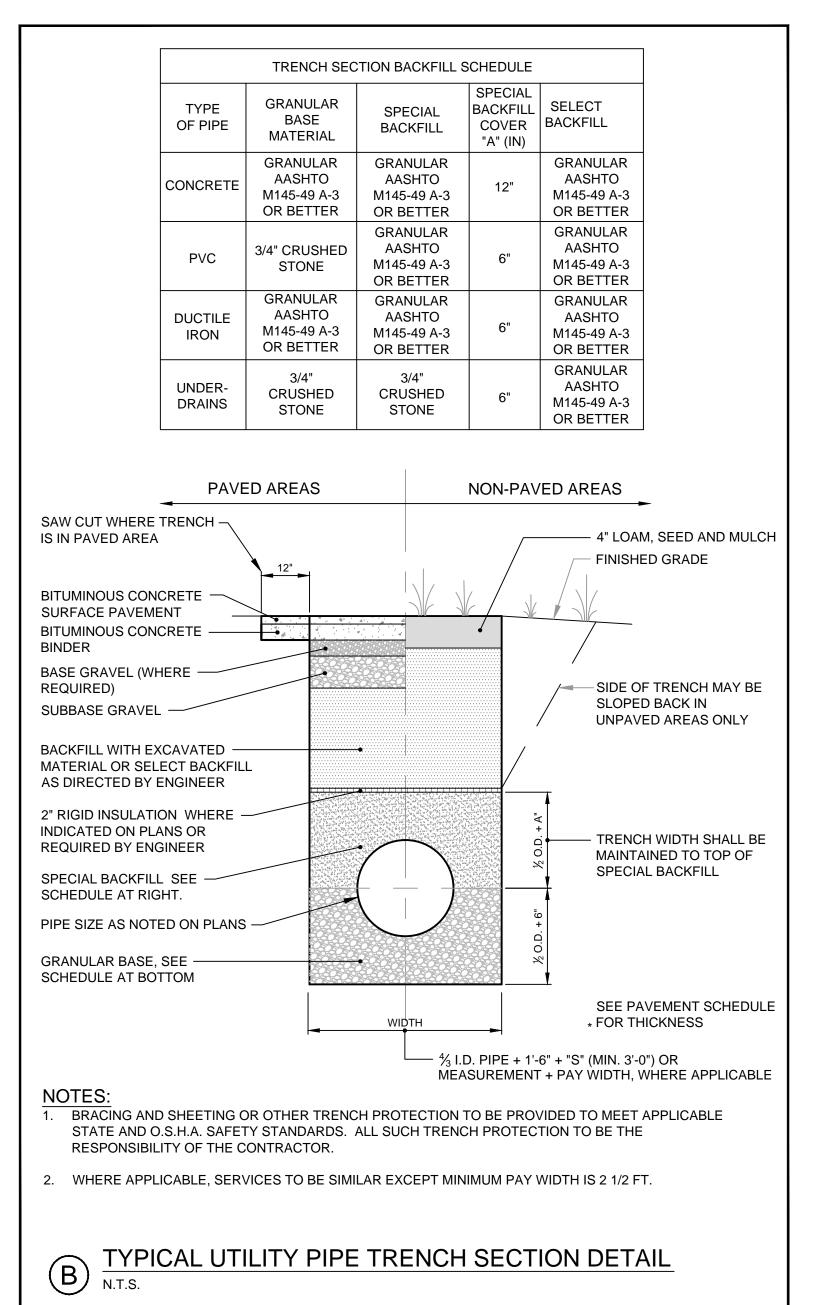
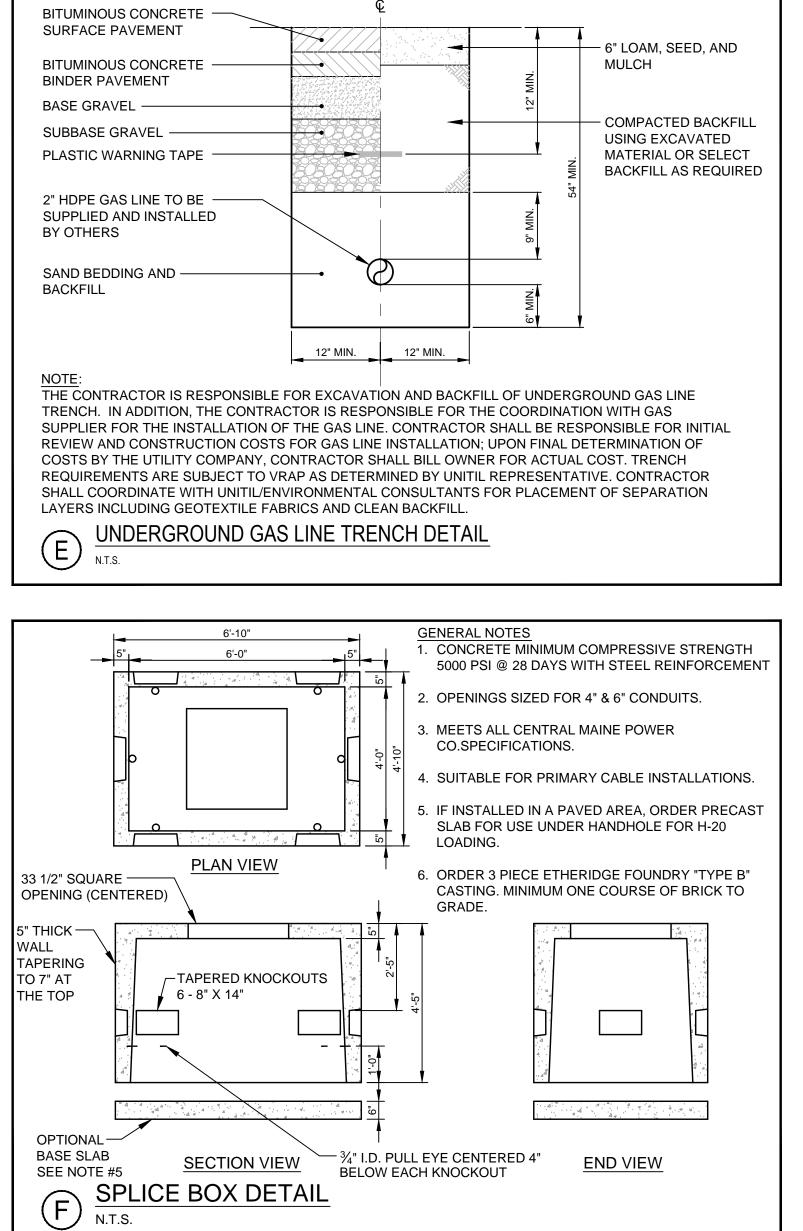
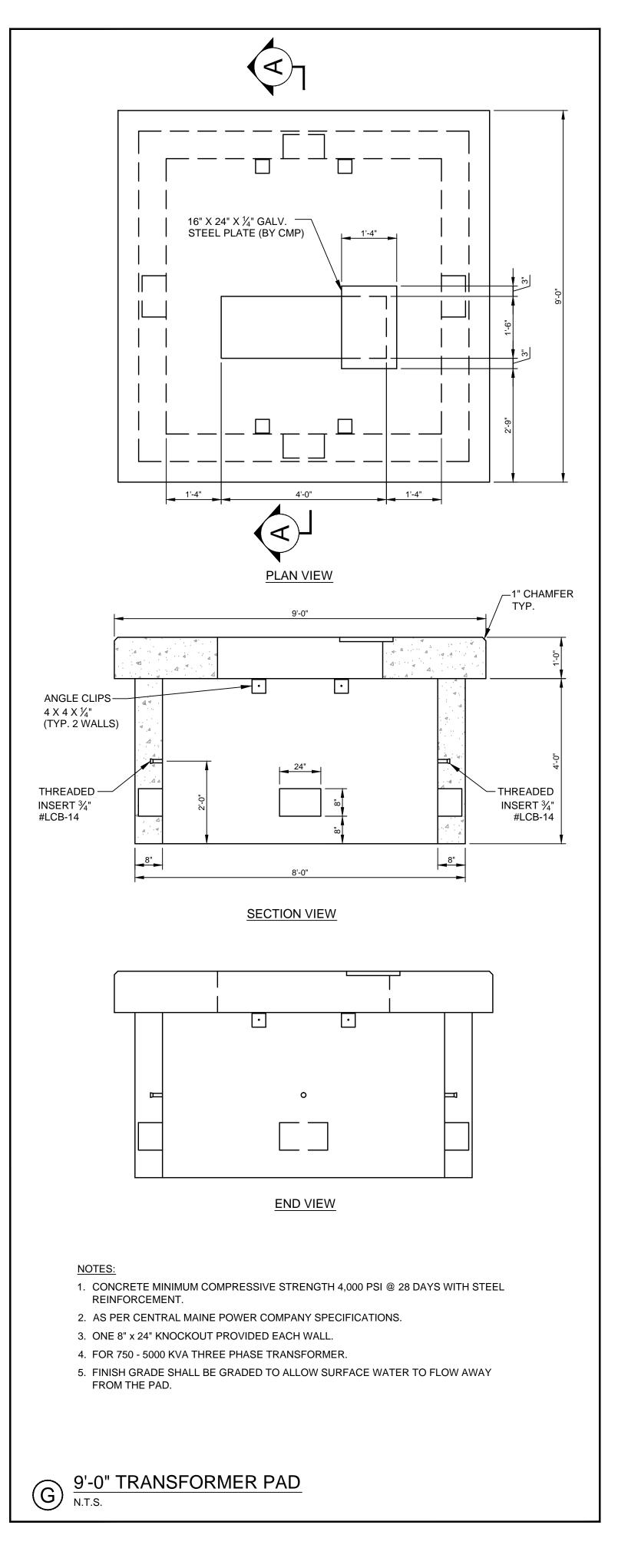
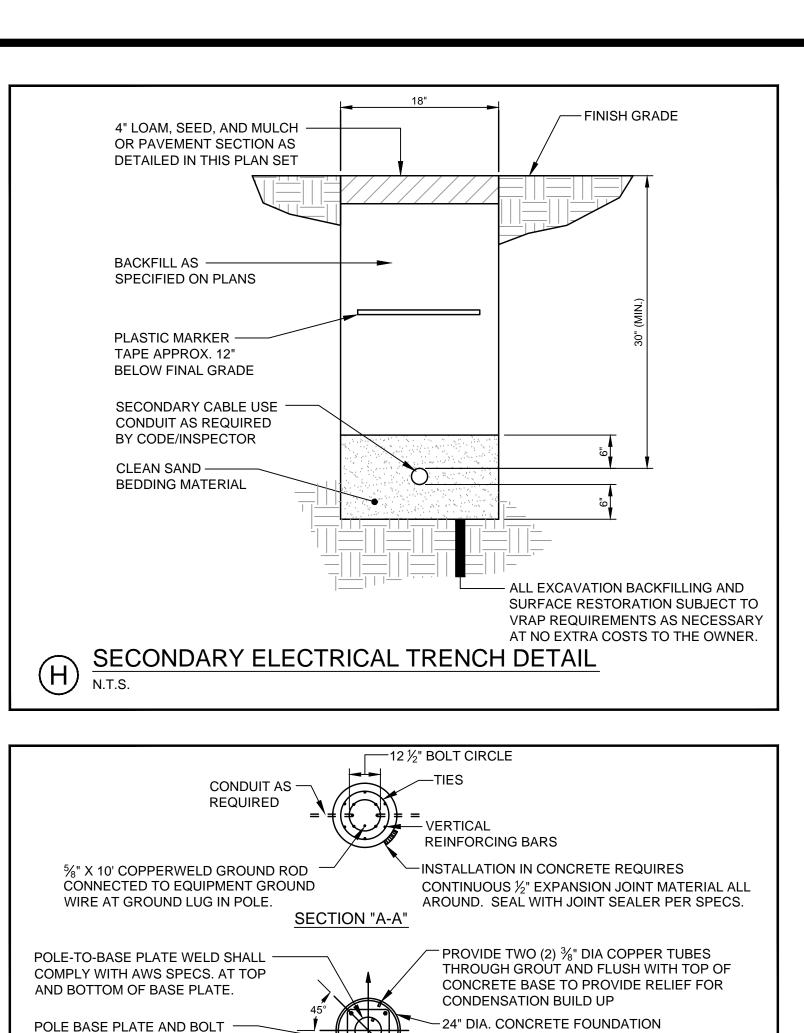


PAVED AREAS ← LOAMED AREAS









SECTION "B-B"

3. FOUNDATION EXCAVATION SHALL BE BY 24" AUGER IN UNDISTURBED OR PROPERLY COMPACTED FILL PER SPECIFICATIONS.

FOUNDATION HAS BEEN DESIGNED FOR A GRANULAR SOIL BASED ON A MINIMUM LATERAL SOIL PRESSURE OF 1000 PSF,

9. CONFIRM ANCHOR BOLT PLACEMENT AND PATTERN WITH LIGHT POLE MANUFACTURER BEFORE PREPARING FOUNDATION. 10. EXCAVATION WILL LIKELY BE BELOW WATER TABLE - DO NOT LEAVE EXCAVATION OPEN FOR EXTENDED PERIODS.

TYPICAL PARKING LOT LIGHTING POLE FOUNDATION

FOUNDATION HAS BEEN DESIGNED FOR A COHESIVE SOIL BASED ON A MINIMUM COHESIVE VALUE OF 1000 PSF.

8. DETAIL FOR MAX. 39' POLE WITH MAX. FIXTURE EPA 4.6 S.F. ACTUAL POLES MAY ALLOW SMALLER FOUNDATION.

11. SHOP DRAWINGS TO CONFIRM SIZING AND NUMBER ARE REQUIRED PRIOR TO ORDERING FOUNDATIONS.

-BOLT COVER TYPICAL

GROUNDING LOG

── #4 GROUND CABLE

TEMPORARY CAP

4" HOOK WITH 2 NUTS, 2 FLAT

CONDENSATION BUILD UP.

(4) ANCHOR BOLTS 1" DIA. X 36" LONG X

6-#3 X 18" DIA. TIES WITH

1'-6" LAP (TYP.) @ 19" O.C.

VERTICAL AND HORIZONTAL BARS SHALL BE

REINFORCEMENT IN ITS PROPER LOCATION FROM

THE FORMWORK DURING CONCRETE OPERATION.

LIGHT FIXTURE ORIENTATION (SEE SITE

BURNOY COPPER #KPA4C SCRULUG &

TIN PLATED NUT AND BOLT OR BURNOY

COPPER #KC20 SERVICE ATTACHED TO

PLAN FOR ORIENTATION TO BUILDING)

ATTACHED TO GROUND ROD

— BASE PLATE PER SPECIFICATIONS

CONNECT ALL EQUIPMENT GROUND B / CONDUCTORS TO GROUNDING LUG IN POLE.

PROVIDE TWO (2) 3/8" DIA. COPPER TUBES

THROUGH GROUT AND FLUSH WITH TOP OF

5/8" X 10' COPPERWELD GROUND ROD

CONNECTED TO EQUIPMENT GROUND

WIRE AT GROUND LUG IN POLE.

6-#5 X 8'-0" LONG BARS EQUALLY SPACED.

FIELD TIED. WELDING NOT PERMITTED. SUPPORT

CONCRETE BASE TO PROVIDE RELIEF FOR

– NON-SHRINK GROUT 1 $\frac{1}{4}$ " MIN. THICKNESS, 2"

MAX. THICKNESS WITH SIDES SLOPED AT 45°.

-4 1/4" BOLT PROJECTION

PATTERN PER MANUFACTURER'S

HANDHOLE WITH COVER REMOVED -

BOLT COVER REQUIRED (4 PLACES) —

LOCKING WASHER -

LEVELING NUT —

ANCHOR BOLT —

SPECIFICATIONS. POLE SHALL BE

BASE OF POLE, 4" X 6" MINIMUM.

MADE PLUMB WITH LEVELING NUTS.

HAND HOLE WITH COVER 1'-6" FROM -

SEE DETAIL "C" —

AS REQUIRED

3500 P.S.I. MIN. 28 DAY COMPRESSIVE STRENGTH CONC. WITH GRADE 60 REINF. STEEL.

UTILIZING AASHTO FIGURE 1.8.2C(4) OF "EMBEDMENT OF POSTS WITH OVERTURNING LOADS".

2. IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.

4. FOUNDATION SHALL HAVE A MINIMUM ALLOWABLE END BEARING OF 2000 PSF.

(¾" MIN.)

FINISH GRADE -

RECOMMENDATIONS

TO INSIDE OF POLE

TAPERED POLE PER -

BASE PLATE BOLT HOLE —

GROUNDING LUG WELDED

