

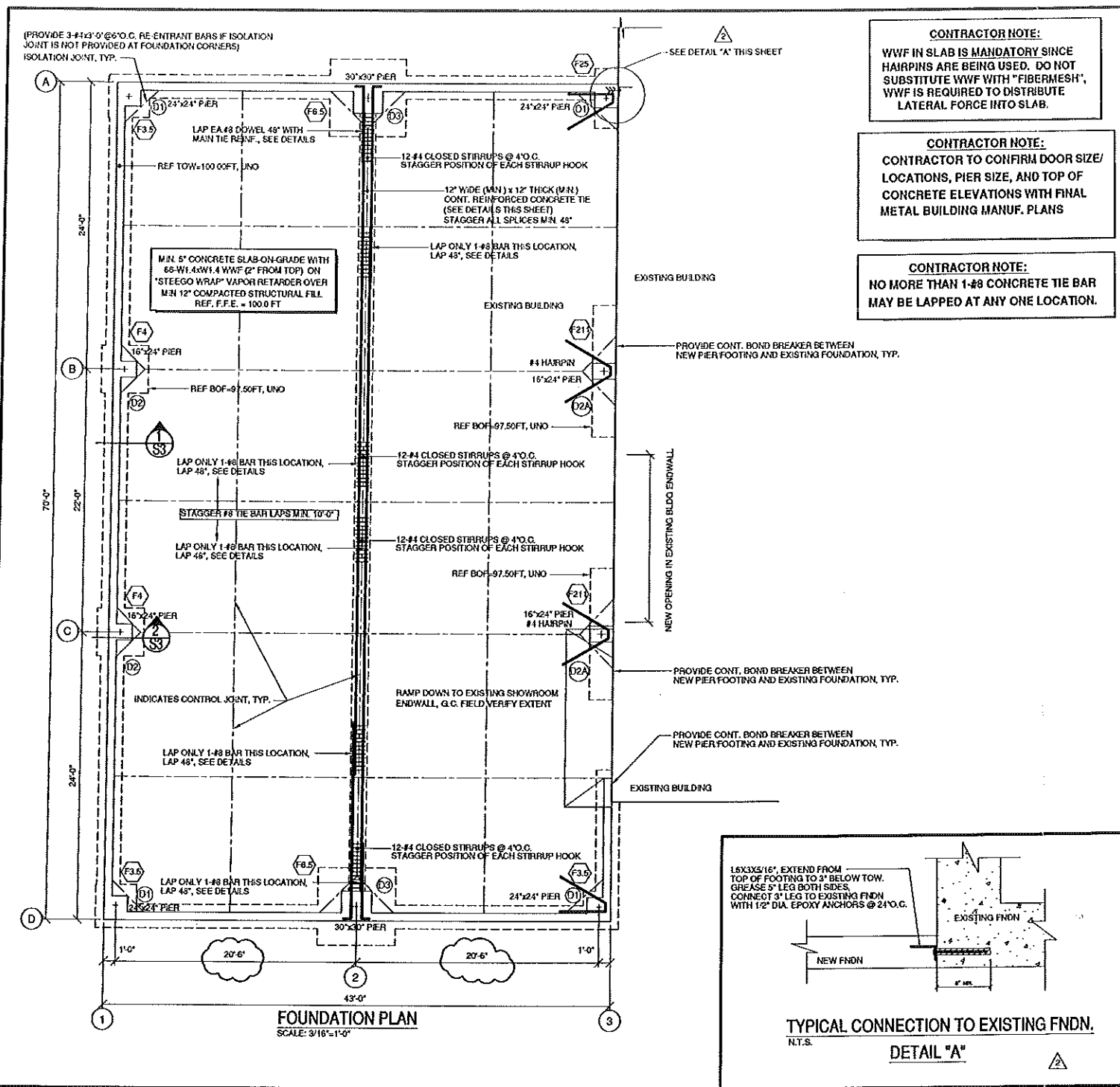
NO.	REVISIONS ARE CLOUDED	DATE	BY	STATUS
1	SRG	04-02-04		REVISED
2	SRG	10-27-04		ADDED DETAIL "A"

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 PROJECT NO.: EOR
 04-038

FOUNDATION PLAN AND DETAILS
 OF
BIG MOOSE HARLEY
 PORTLAND, ME
 FOR
PATCO CONSTRUCTION, INC.
 SANFORD, MAINE

DATE	SCALE
03-26-04	AS NOTED

SHEET S1



CONTRACTOR NOTE:
WWF IN SLAB IS MANDATORY SINCE HAIRPINS ARE BEING USED. DO NOT SUBSTITUTE WWF WITH "FIBERMESH", WWF IS REQUIRED TO DISTRIBUTE LATERAL FORCE INTO SLAB.

CONTRACTOR NOTE:
CONTRACTOR TO CONFIRM DOOR SIZE/ LOCATIONS, PIER SIZE, AND TOP OF CONCRETE ELEVATIONS WITH FINAL METAL BUILDING MANUF. PLANS

CONTRACTOR NOTE:
NO MORE THAN 1-#8 CONCRETE TIE BAR MAY BE LAPPED AT ANY ONE LOCATION.

ANCHOR BOLT DETAILS

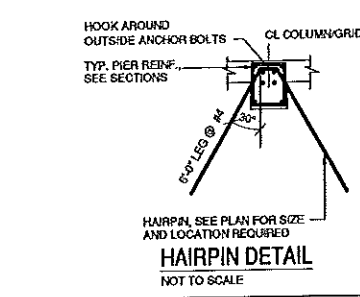
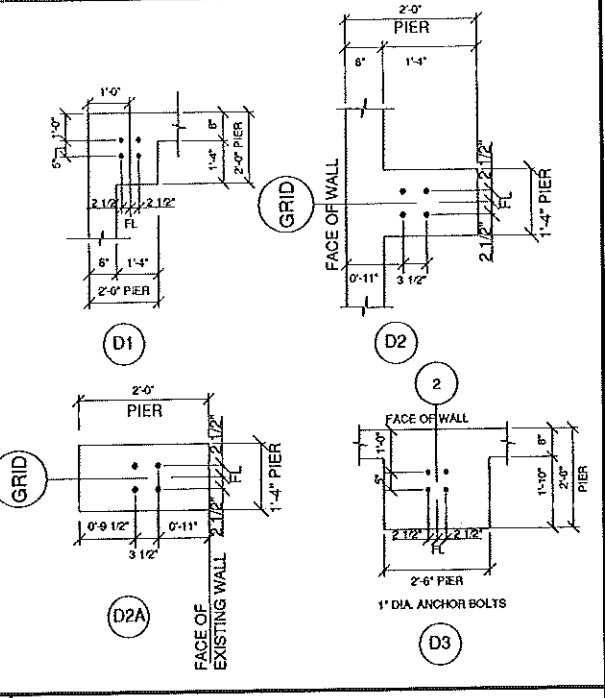
DIAMETER	SHAPE	LOCATION
3/4" A36 T.R.	1/2" EMBED, 3" PROJECTION NUT	SEE PIER DETAILS
3/4" A307	1" LONG HOOK 1/2" EMBED, 3" PROJECTION NUT	SEE PIER DETAILS
1" A36 T.R.	1/2" EMBED, 3" PROJECTION NUT	SEE PIER DETAILS

ANCHOR BOLT NOTES:

1. CONTRACTOR TO CONFIRM ANCHOR ROD LAYOUT WITH METAL BUILDING MANUF. PRIOR TO SETTING ANCHOR BOLTS.
2. ALL ANCHOR RODS TO BE 3/4" DIA A307 J-BOLT U.N.O. ON DETAILS.
3. AS36 THREADED RODS (T.R.) MAY BE USED IN LIEU OF J BOLTS.
4. EMBEDMENT SHOWN IS MIN. TO TOP OF NUT, OR HOOK.
5. SEE VP PLANS FOR 1/2" DIA. J-BOLT REOS AT FRAMED OPENINGS.

CONTRACTOR NOTE:
CONTRACTOR TO CONFIRM DOOR SIZE/ LOCATIONS, PIER SIZE, AND TOP OF CONCRETE ELEVATIONS WITH FINAL "VARCO-PRUDEN" (VP) METAL BUILDING PLANS.

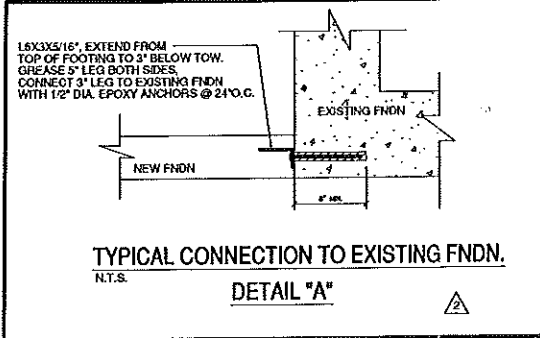
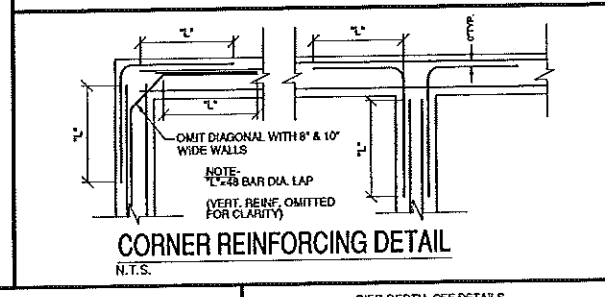
(ALL ANCHOR RODS TO BE 3/4" DIAMETER, UNLESS NOTED OTHERWISE)
PIER DETAILS
N.T.S.



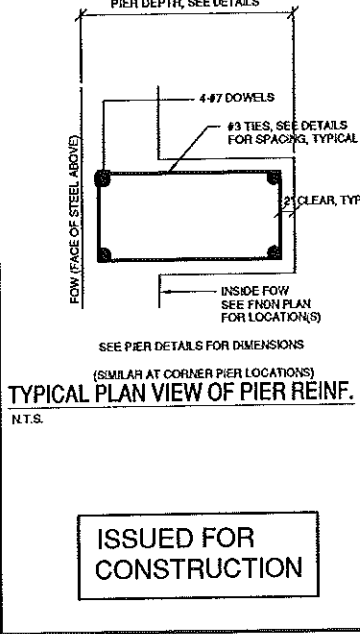
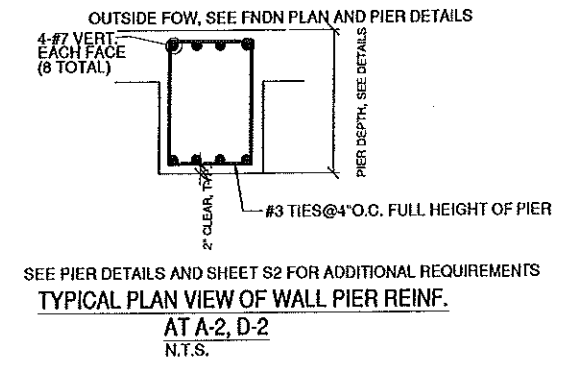
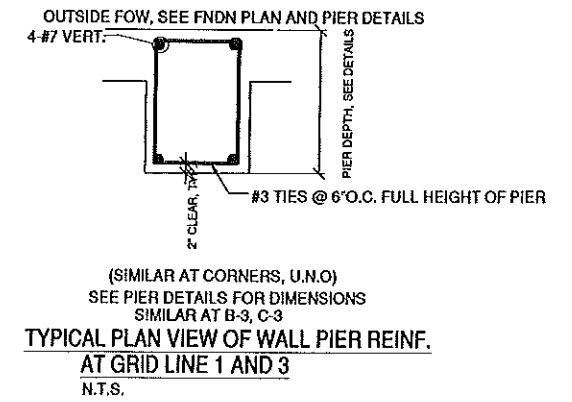
CONTRACTOR NOTE FOR HAIRPIN CONNECTION:
CONTRACTOR MAY USE "RICHMOND DB-SAE DOWEL BAR SPLICER", MATCH HAIRPIN REBAR SIZE.

FOOTING SCHEDULE

SYMBOL	SIZE (L X TH X W)	REINF. REQ'D	COMMENTS
F3.0	3'-6" x 1'-0" x 3'-6"	4 - #4 E.W.	BOTTOM REINF.
F4	4'-0" x 1'-0" x 4'-0"	6 - #4 E.W.	BOTTOM REINF.
F8.0	6'-6" x 1'-0" x 6'-6"	7 - #5 E.W.	BOTTOM REINF.
F20	2'-0" x 1'-0" x 5'-0"	8 - #4 SHORT BARS 4 - #4 LONG BARS	90 DEG. HOOK EA. END @ SHORT (BOTH BOTTOM REINF.)
F21	2'-0" x 1'-3" x 11'-0"	16 - #4 SHORT BARS 4 - #4 LONG BARS	90 DEG. HOOK EA. END @ SHORT (BOTH BOTTOM REINF.)



- FOUNDATION NOTES:**
1. DESIGN SOIL BEARING PRESSURE-500 PSF/FT OF WIDTH (MAX. 1500PSF) PER R.W. GALLESPIE & ASSOC. JUNE 8, 2003 REPORT.
 2. CONCRETE: WALLS, FOOTINGS, AND INTERIOR SLABS: Fc=3,000 P.S.I., 3/4" AGGREGATE, MAX. W/C=0.50, TYPE 1 OR II CEMENT. GRADE BEAM TIE: Fc=4,000 P.S.I., 3/4" AGGREGATE, MAX. W/C=0.48, NO ENTRAINED AIR, TYPE 1 OR II CEMENT. EXTERIOR SLABS: Fc=4,500 P.S.I., 3/4" AGGREGATE, MAX. W/C=0.40, 4%-6% TOTAL AIR, TYPE 1 OR II CEMENT. (USE A MID-RANGE WATER REDUCER IF MORE WORKABILITY IS DESIRED.)
 3. CONCRETE SUPPLIER IS TO SUBMIT MIX DESIGN(S) TO ENGINEER OF RECORD FOR EACH TYPE OF CONCRETE TO BE USED.
 4. REINFORCING TO BE GRADE 60, NEW DEFORMED BARS. WELDED WIRE FABRIC (WWF) TO MEET ASTM A185.
 5. ALL FOUNDATION WALLS ARE 6" WIDE.
 6. UNLESS NOTED ON PIER DETAILS, ALL ANCHOR RODS ARE 3/4" DIA. A307 J-BOLT WITH 6" LONG HOOK, MIN. 12" EMBEDMENT. G.C. MAY USE THREADED ROD (T.R.) W/EMBED NUT AS OPTION, MATCH MIN. EMBEDMENT.
 7. ALL FRAME AND WALK DOOR OPENINGS TO BE FIELD LOCATED.
 8. G.C. TO VERIFY AND COORDINATE ALL LOCATIONS OF OVERHEAD DOORS (OHD), PEOPLE DOORS, AND LOADING DOCKS.
 9. REF. ELEV. TOP OF FOUNDATION WALL = 100.0 FT, TYP. UNLESS NOTED OTHERWISE THUS "TOW". REF. ELEV. TOP OF PIER = 100.0 FT, TYP. UNLESS NOTED OTHERWISE THUS "TOP". REFERENCE BOTTOM OF WALL FOOTING ELEVATION = 97.5 FT, TYPICAL U.N.O. THUS "BOF".
 10. ALL EXTERIOR FOOTINGS SHALL EXTEND 2'-0" BELOW FINISH GRADE, PROVIDE RIGID INSUL. PER GEOTECHNICAL ENG. REPORT
 11. ALL FOOTINGS TO BE CENTERED BELOW COLUMN BASE ABOVE.
 12. ALL SLAB SAW-CUT CONTROL JOINTS TO BE CUT IMMEDIATELY AFTER FINISHING.
 13. ALL SLABS TO BE WET-CURED CONTINUOUSLY MINIMUM 7 DAYS AFTER PLACEMENT.
 14. SEE "VP" PLANS FOR ANCHOR ROD LOCATION, ORIENTATION, AND SIZE.
 15. REFER TO PROJECT GEOTECHNICAL ENGINEER REPORT BY "R.W. & G" FOR ALL FOUNDATION, DRAINAGE, COMPACTON, BACKFILL, FOUNDATION RIGID PERIMETER INSULATION, AND SUB-GRADE PREPARATION REQUIREMENTS.
 16. G.C. TO DETERMINE SLAB PITCH REQUIREMENTS AND FIELD COORDINATE.
 17. ALL SUB-SLAB STRUCTURAL FILL TO BE COMPACTED TO A MINIMUM OF 95% AS DETERMINED BY ASTM D-1557, UNLESS SPECIFIED DIFFERENTLY BY PROJECT GEOTECHNICAL ENGINEER.
 18. CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 305 AND ACI 308 FOR HOT AND COLD WEATHER CONCRETING.
 19. CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 304 FOR CONCRETE PLACEMENT.
 20. SLAB THICKNESS SHOWN DOES NOT TAKE INTO ACCOUNT LOADS FROM MACHINERY, EQUIPMENT, FORK TRUCKS, ETC. SINCE NO LOAD(S) WERE GIVEN TO PERFORM FORMAL DESIGN.



ISSUED FOR CONSTRUCTION

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PROJECT NO. 04-038

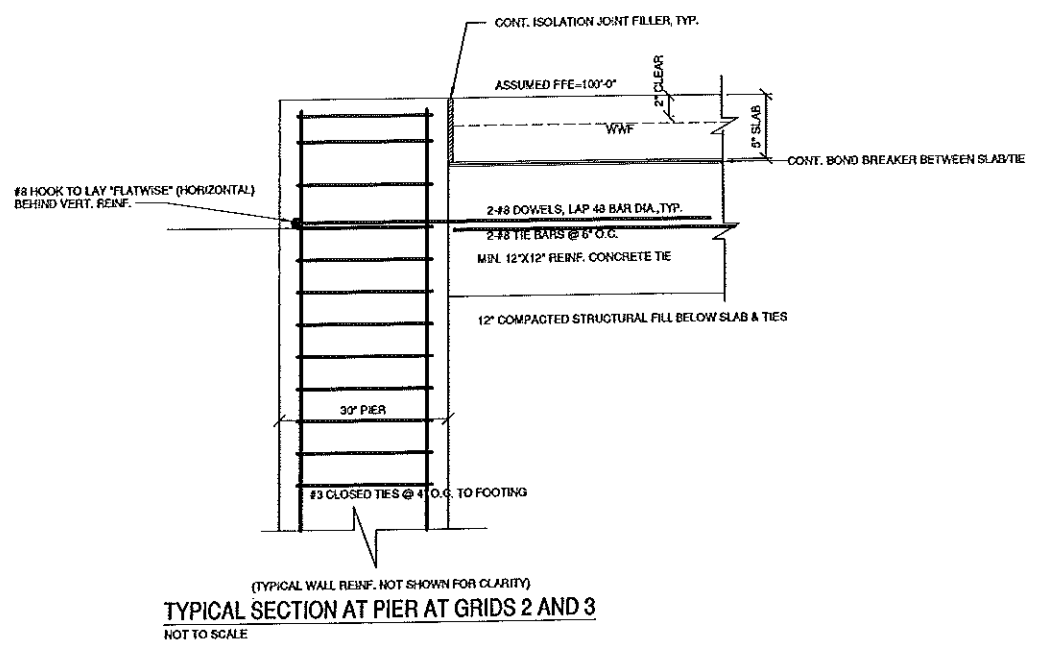
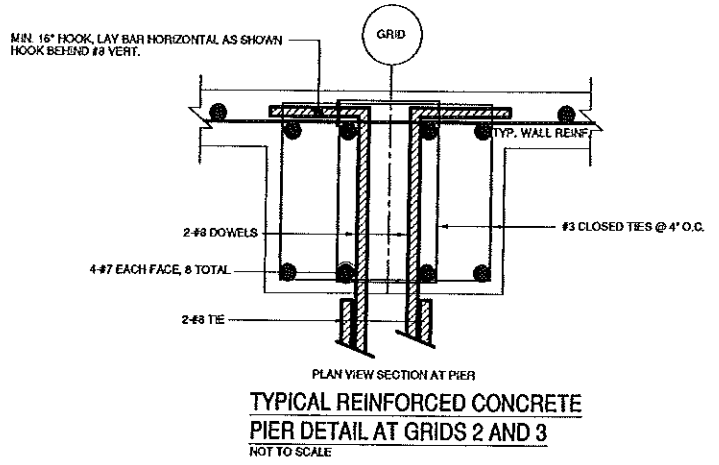
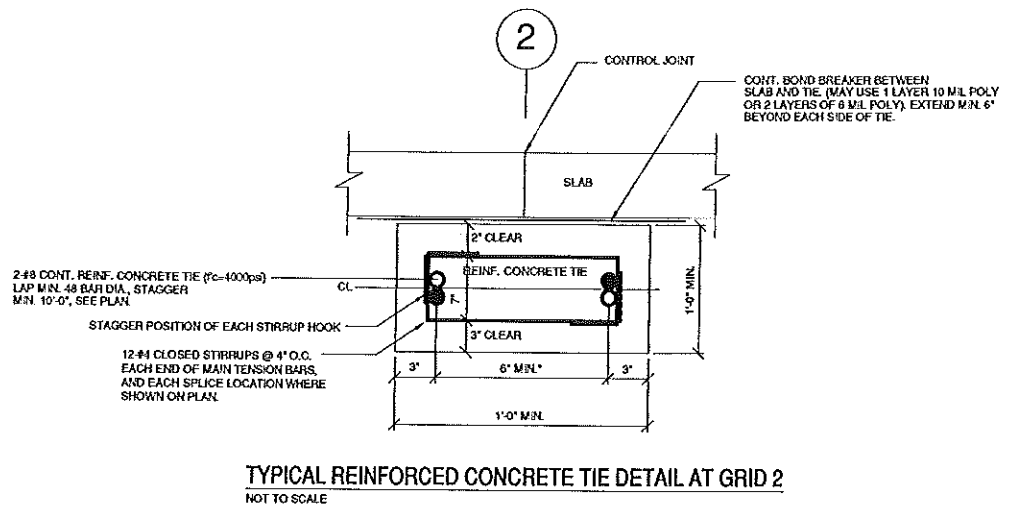
DATE 03-26-04

SCALE AS NOTED

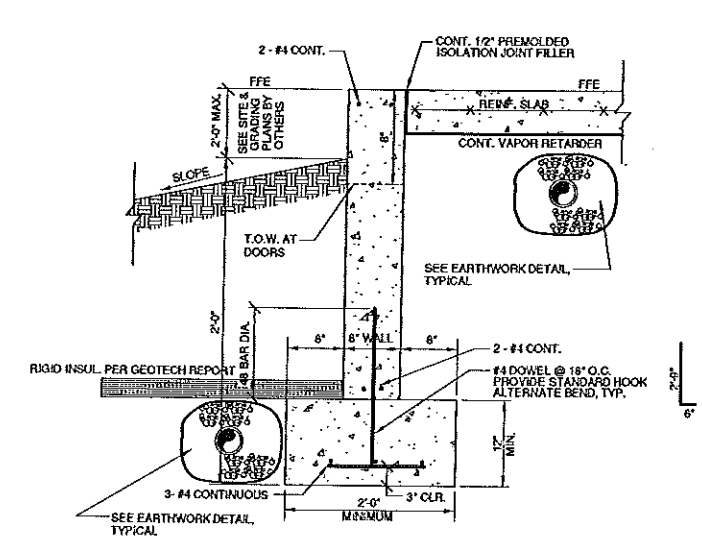
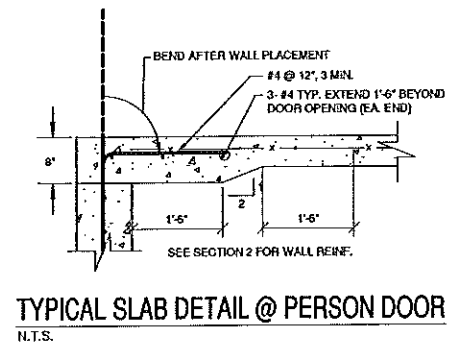
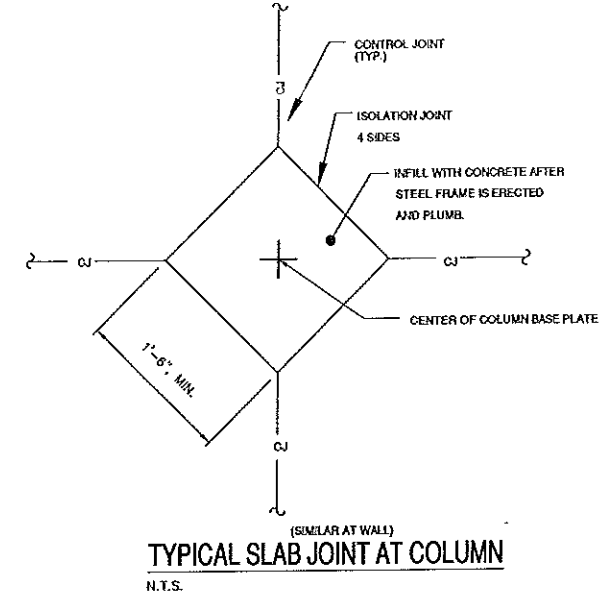
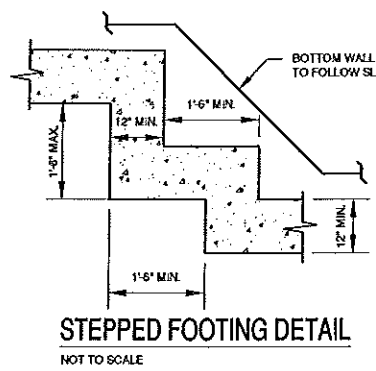
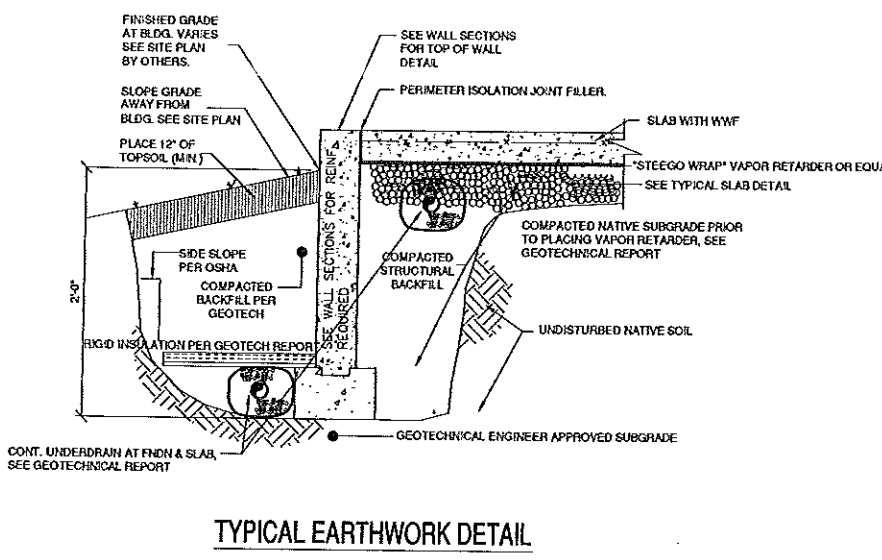
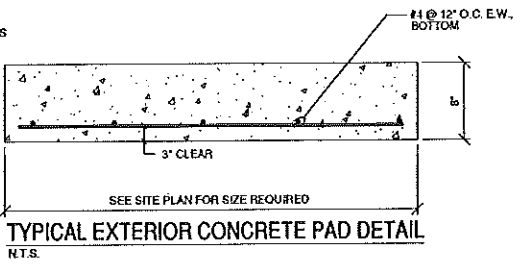
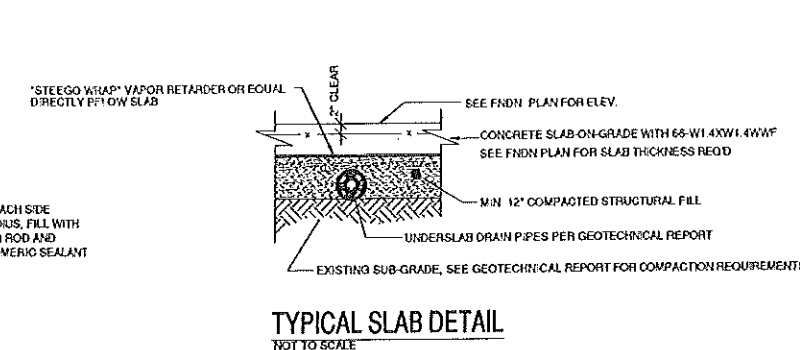
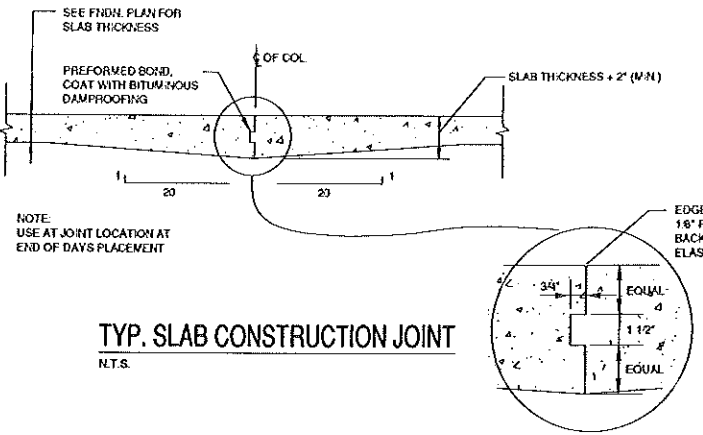
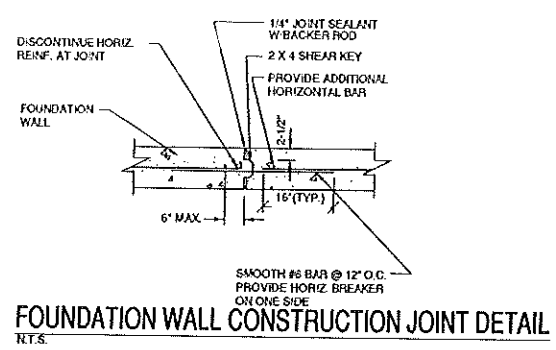
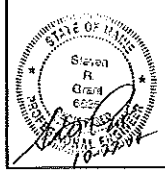
FOUNDATION DETAILS
OF
BIG MOOSE HARLEY
PORTLAND, MAINE
FOR
PATCO CONSTRUCTION, INC.
SANFORD, MAINE

DATE	SCALE
03-26-04	AS NOTED

SHEET **S2**

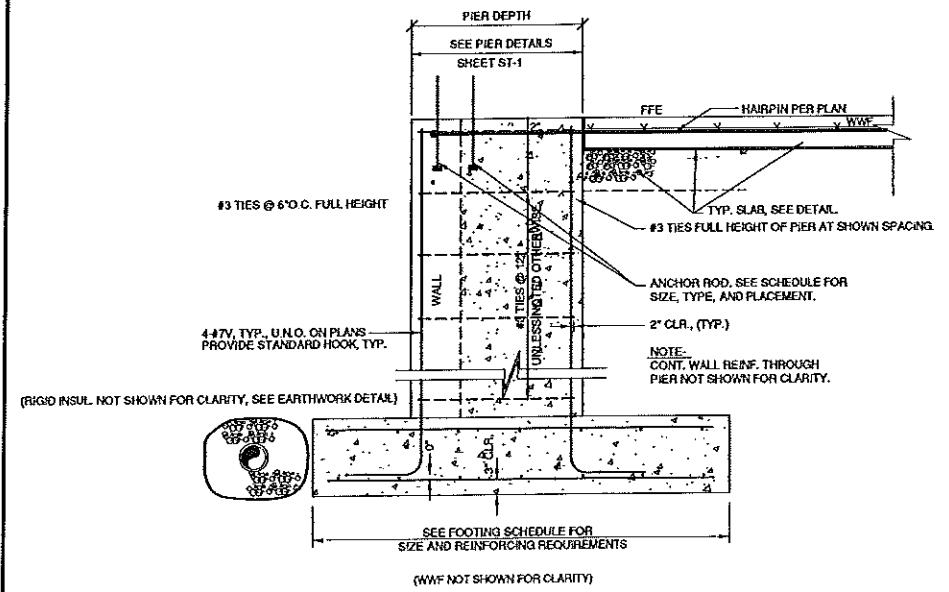


ISSUED FOR CONSTRUCTION



TYPICAL FROST WALL DETAIL

SECTION 1
N.T.S. S1



TYPICAL WALL PIER @ GRID LINES 1 AND 3

SECTION 2
N.T.S. S1

NO.	REV.	BY	DATE	STATUS

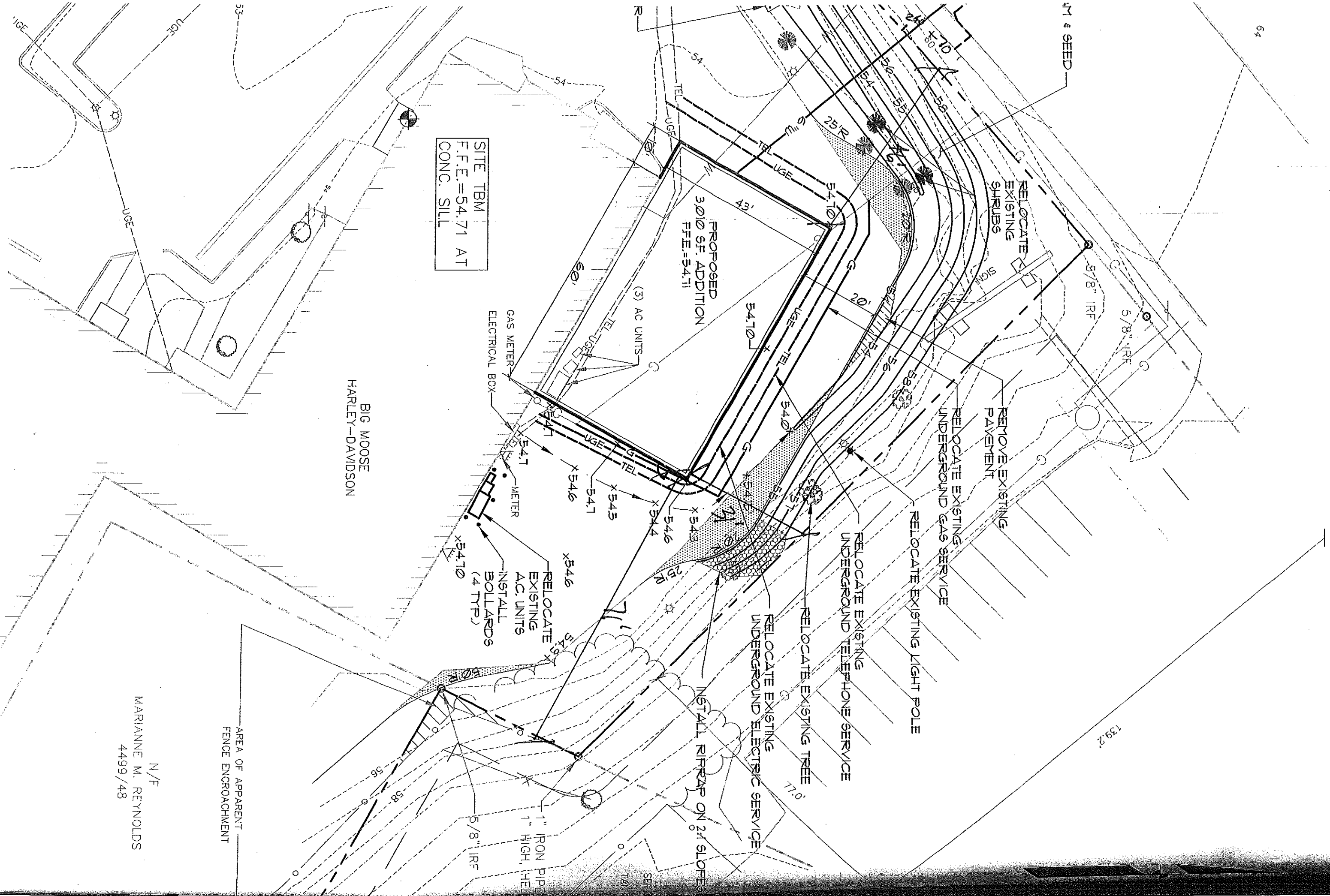
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PROJECT NO: EOR
04-038

FOUNDATION DETAILS AND SECTIONS
OF
BIG MOOSE HARLEY
PORTLAND, ME
FOR
PATCO CONSTRUCTION, INC.
SUNFORD, MAINE

DATE	SCALE
03-26-04	NTS

SHEET S3



SITE TBM
 F.F.E. = 54.71 AT
 CONC. SILL

PROPOSED
 3010 SF. ADDITION
 F.F.E. = 54.71

BIG MOOSE
 HARLEY-DAVIDSON

(3) AC UNITS
 GAS METER
 ELECTRICAL BOX

RELOCATE
 EXISTING
 AC. UNITS
 INSTALL
 BOLLARDS
 (4 TYP.)

INSTALL RIPRAP ON 2:1 SLOPES

RELOCATE EXISTING
 UNDERGROUND TELEPHONE SERVICE

RELOCATE EXISTING LIGHT POLE

RELOCATE EXISTING
 UNDERGROUND GAS SERVICE

REMOVE EXISTING
 PAVEMENT

RELOCATE
 EXISTING
 SHRUBS

AREA OF APPARENT
 FENCE ENCROACHMENT

N/F
 MARIANNE M. REYNOLDS
 4499/48

139.2'

1" IRON PIPE
 1" HIGH, HELD
 5/8" IRF

RELOCATE EXISTING
 UNDERGROUND ELECTRIC SERVICE

RELOCATE EXISTING TREE

SEP
 TAN