Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 10/03/14

AS REQUIRED

ELECTRICAL MANHOLE DETAIL NOTES:
1. VAULT SHALL BE DESIGNED TO WITHSTAND LOADING WITH 6" OF OVERBURDEN. THE DESIGN SHALL ALSO COMPLY WITH THE STRENGTH REQUIREMENTS OF NATIONAL ELECTRICAL SAFETY CODE SECTION 323A. PROVIDE SHOP DRAWINGS STAMPED BY A STATE OF MAINE REGISTERED PROFESSIONAL ENGINEER UPON REQUEST.
2. JOINTS SEALED WITH ASPHALT.
3. MOUNTINGS FOR CABLE RACKS, ETC. CAST IN WALL BY FURTHER PLANS OR FIELD LOCATED.
4. MANHOLE SHALL BE SET ON A SUITABLE GRAVEL BASE.
5. CABLES ARE TO BE RACKED ALONG ONE WALL ONLY.

ELECTRICAL MANHOLE

NOT TO SCALE

CABLE TV/TELEPHONE MANHOLE DETAIL NOTES:
1. CONCRETE: 4,000 PSI @ 28DAYS.
2. USE 32IN COVER AND FRAME MARKED ELEC OR COMM AS REQUIRED. MINIMUM ONE COURSE BRICK TO GRADE.
3. MOUNTINGS FOR CABLE RACKS ECT, CAST IN WALL BY FUTURE PLANS OR FIELD LOCATED.
4. SPLICE BOX SHALL BE SET ON A SUITABLE GRAVEL BASE.
5. REINFORCING: GRADE 60 REBAR:
   - REINFORCING PLACED IN CENTER IF CONCRETE SLAB, WALLS, & ROOF.
   - #4 @ 5IN O.C. VERTICAL IN WALLS, CANTILEVERED OVER TOP OF OPENING
   - #4 @ 8IN O.C. HORIZONTALLY IN WALLS
   - 4 PIECES #4 SURROUNDING OPENING
   - #4 @ 5IN O.C. EACH WAY ON TOP
6. MANHOLE FRAMES AND COVERS ARE TO BE MACHINED TO A SMOOTH FIT AND SHALL BE OF GRAY CAST IRON.
7. COVER SHALL HAVE DIAMOND TOP SURFACE.

TELEPHONE & CABLE MANHOLE

NOT TO SCALE

NOTES:
1. ALL ELECTRICAL WORK SHALL CONFORM TO NFPA 70, AS WELL AS ALL STATE AND LOCAL BUILDING CODES.
2. COORDINATE THE EXACT LOCATION AND MOUNTING HEIGHTS OF TYPE L3 AND L3A LIGHTING FIXTURES WITH OWNER ON SITE.
3. LIGHTING FIXTURES:
   TYPE L3: HUBBELL MODEL #LMC-30LU-4K-4-4-PC1(120), OR EQUAL
   TYPE L3A: HUBBELL MODEL #LCC-12LU-5K-4-PC1(120), OR EQUAL

SCALE: 1" = 60'-0"

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ELECTRICAL SITE PLAN | 1

MANHOLE DETAILS | 2

STATE OF MAINE
LAWRENCE E. BARTLETT
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LICENSED
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9/10/14

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