

When is the project? (Spring/Summer) Our construction season runs from May 1st to December 1st. We do most of our work in May, June, July and August. We are putting this project out to bid as part of a packaged bid. I don't have the construction schedule set for the six projects, but I expect this project to be done in May or June.

How many roadway cuts are expected, if any? The roadway is a circle that loops back on itself. This would allow us to complete the project with only one road crossing. We will drill under the roadway. We intend to install the conduit under the sidewalk. We will cross under the driveways and should not need to cut across any driveways. We will need to expose any utilities that we cross with the directional drill. We create a 1-foot wide hole to verify the depth of the utilities. If a utility crossing occurs in the road or driveway, we will need to create the access hole. This is most likely to happen at a road crossing but unusual for a driveway. Most utility service don't exist under driveways.

What is the probability that directional boring is successful/not successful?

Highly successful. Even if we hit a large rock, we have methods of moving the rock out of the way and then continue. If we encounter ledge for a short section, we can remove the ledge (via backhoe) and then continue.

What is the expected duration of the project? (5-10 working days) The project should take approximately 20 working days.

Will there be any impacts to electrical service during the process? If so, how will residents be notified?

There should be no impact to the electric service during construction. There will be an outage required when we transfer from the old cable to the new cable. We will notify the residents prior to the outage. The outage will occur at 09:30 in the morning and go until 1:30 in the afternoon. Most likely the outage will be much shorter, but I like to allow a 4-hour window.

Is any area needed for staging equipment? The contractor will need a staging area for equipment. If there is no available space in the neighborhood, they will locate an area as close by as possible. They will require some on street parking for some of the equipment as they work their way around the development. They will make sure they do not block in any residents. They typically work between 7am and 5pm. They do work on Saturdays if available but only if the project is running behind.

How big is the conduit? (3") We will be installing a 2-inch cable in conduit. The conduit is High Density Polyethylene (HDPE). The HDPE has a high strength to density ratio. The HDPE is stronger and more durable than PVC conduit. This makes it ideal for directional drilling. The HDPE is installed at a minimum depth of 30 inches. The same as PVC conduit that has been installed via trench method.

Questions contact – Veasna Eang 781-907-2041

Petition of the Massachusetts Electric Company d/b/a NATIONAL GRID
Of NORTH ANDOVER, MASSACHUSETTS
For Electric Conduit Location:

To the City Council of Newburyport

Respectfully represents the Massachusetts Electric Company d/b/a NATIONAL GRID of North Andover, Massachusetts, that it desires to construct a line of underground electric conduits, including the necessary sustaining and protecting fixtures, under and across the public way or ways hereinafter named.

Wherefore it prays that after due notice and hearing as provided by law, it be granted permission to excavate the public highways and to run and maintain underground electric conduits, together with such sustaining and protecting fixtures as it may find necessary for the transmission of electricity, said underground conduits to be located substantially in accordance with the plan filed herewith marked – Bayberry Rd. - Newburyport, Massachusetts.

The following are the streets and highways referred to:

28231546 Bayberry Rd. - National Grid to replace riser pole 15-1. National Grid to replace direct buried cable with cable and conduit system. Approximately +/- 2120 feet of cable in conduit will be install. National Grid to install 4 pullboxes within the grass median.

Location approximately as shown on plan attached.

Massachusetts Electric Company d/b/a

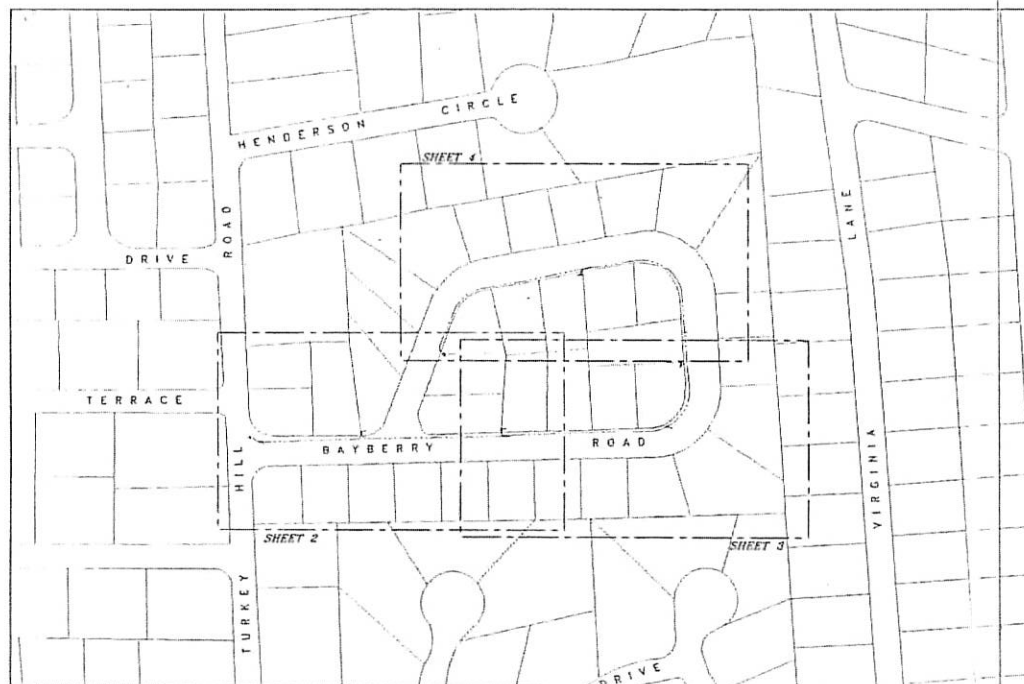
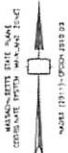
NATIONAL GRID

BY

Engineering Department

Dave Johnson/lla

Dated: November 8, 2019



NOTES:

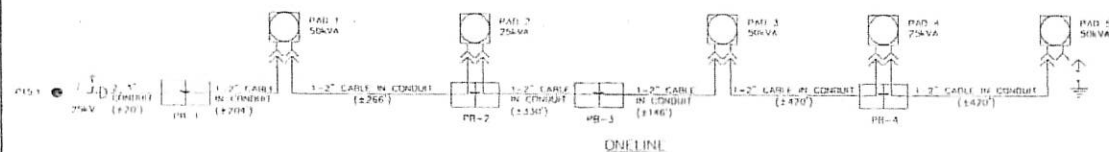
1. SPECIFICATIONS FOR ELECTRICAL INSTALLATION FOR
NATIONAL GRID REFERENCE ELECTRICAL SYSTEM
BUILDING NO. 7504

LEGEND:

- CB □ CATCH BASIN
- CH □ CABLE TV HAND HOLE / PULL BOX
- DWH □ DRAIN MANHOLE
- EWH □ ELECTRIC HAND HOLE / PULL BOX
- FP □ FLAG POLE
- GC □ GAS GATE
- HYD □ HYDRA
- UP □ LIGHT POLE
- LS □ LANDSCAPE AREA
- MHC □ MECHANICAL SURVEY MARK
- WB □ MAIL BOX
- SE □ SEWER
- SEH □ SEWER MANHOLE
- TEH □ TELEPHONE HAND HOLE/PULL BOX
- TRANS □ TRANSFORMER
- PULLBOX □ PULLBOX
- UP □ UTILITY POLE
- UP □ UTILITY POLE WITH LIGHT

QUALITY LEVEL "C" INFORMATION ("QLC")

- C-QLC CONSTRUCTION: CABLE TELEPHONE, CABLE TV, CABLE STREET
- D-QLC CONSTRUCTION: CABLE TELEPHONE, CABLE TV, CABLE STREET
- E-QLC CONSTRUCTION: CABLE TELEPHONE, CABLE TV, CABLE STREET
- S-QLC CONSTRUCTION: CABLE TELEPHONE, CABLE TV, CABLE STREET
- T-QLC CONSTRUCTION: CABLE TELEPHONE, CABLE TV, CABLE STREET
- W-QLC CONSTRUCTION: CABLE TELEPHONE, CABLE TV, CABLE STREET
- 1-2" CABLE IN CONDUIT



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DATE: 7/2/2016
TIME: 10:00 AM
DRAWN: 28251546-1

nationalgrid

**BAYBERRY ROAD
CONSTRUCTION LAYOUT**

NEAREST STREET: N/A

DATE: 7/2/2016 TIME: 10:00 AM DRAWN: 28251546-1

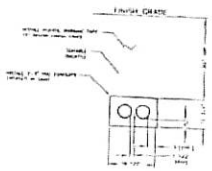
SHEET 1 OF 4

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TURKEY HILL ROAD

BAYBERRY ROAD

BAY



SECTION - "A"
 SCALE: NOT TO SCALE

NOTES

1. FOR NOTES AND DETAILS SEE SHEET 1
 SCALE: 1" = 20'



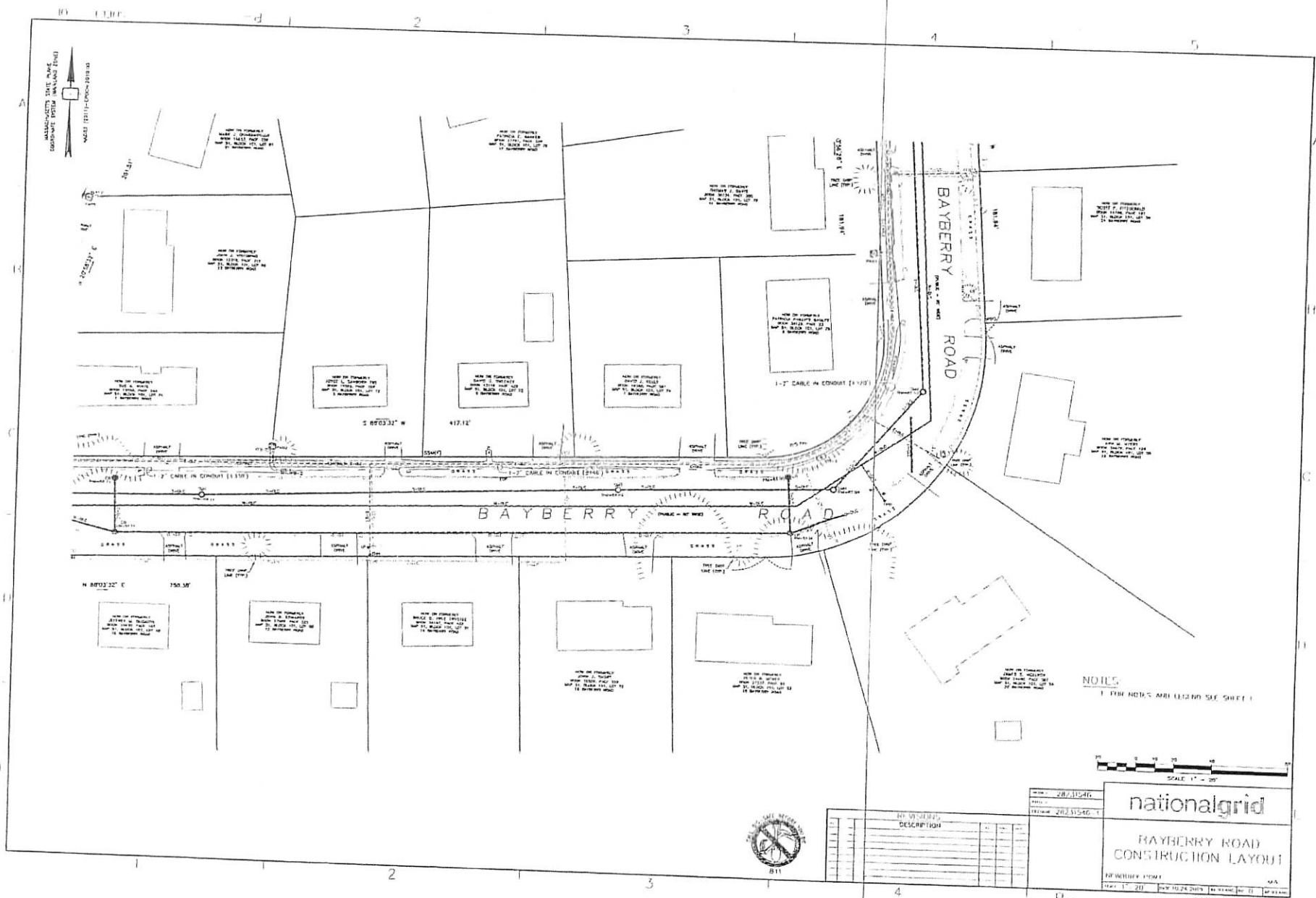
NO.	DESCRIPTION	DATE
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DATE: 2/23/2011
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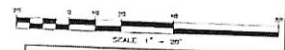
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BAYBERRY ROAD
 CONSTRUCTION LAYOUT

REVISION: 1
 DATE: 2/23/2011



NOTES
1. FOR NOTES AND LEGEND SEE SHEET 1



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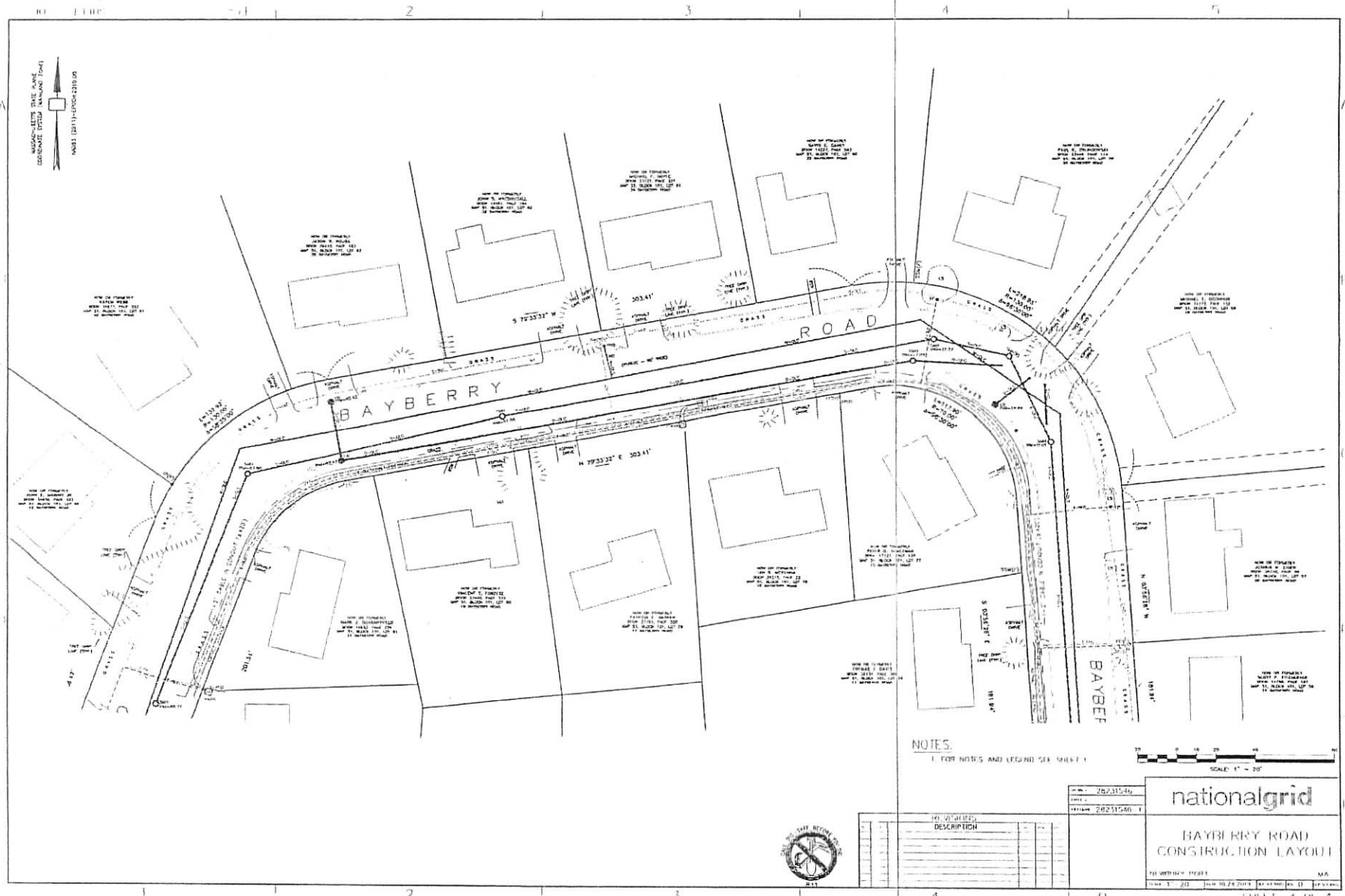
BAYBERRY ROAD
CONSTRUCTION LAYOUT

DATE: 12/20/20

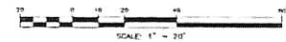
BY: J. J. JONES

IN: J. J. JONES

BY: J. J. JONES



NOTES:
1. FOR NOTES AND LEGEND SEE SHEET 1



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2023/03/20

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nationalgrid

BAYBERRY ROAD
CONSTRUCTION LAYOUT

2023/03/20

2023/03/20

2023/03/20