

VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN

EMPIRE ACCESS LIMA, NY CONSTRUCTION DOCUMENTS

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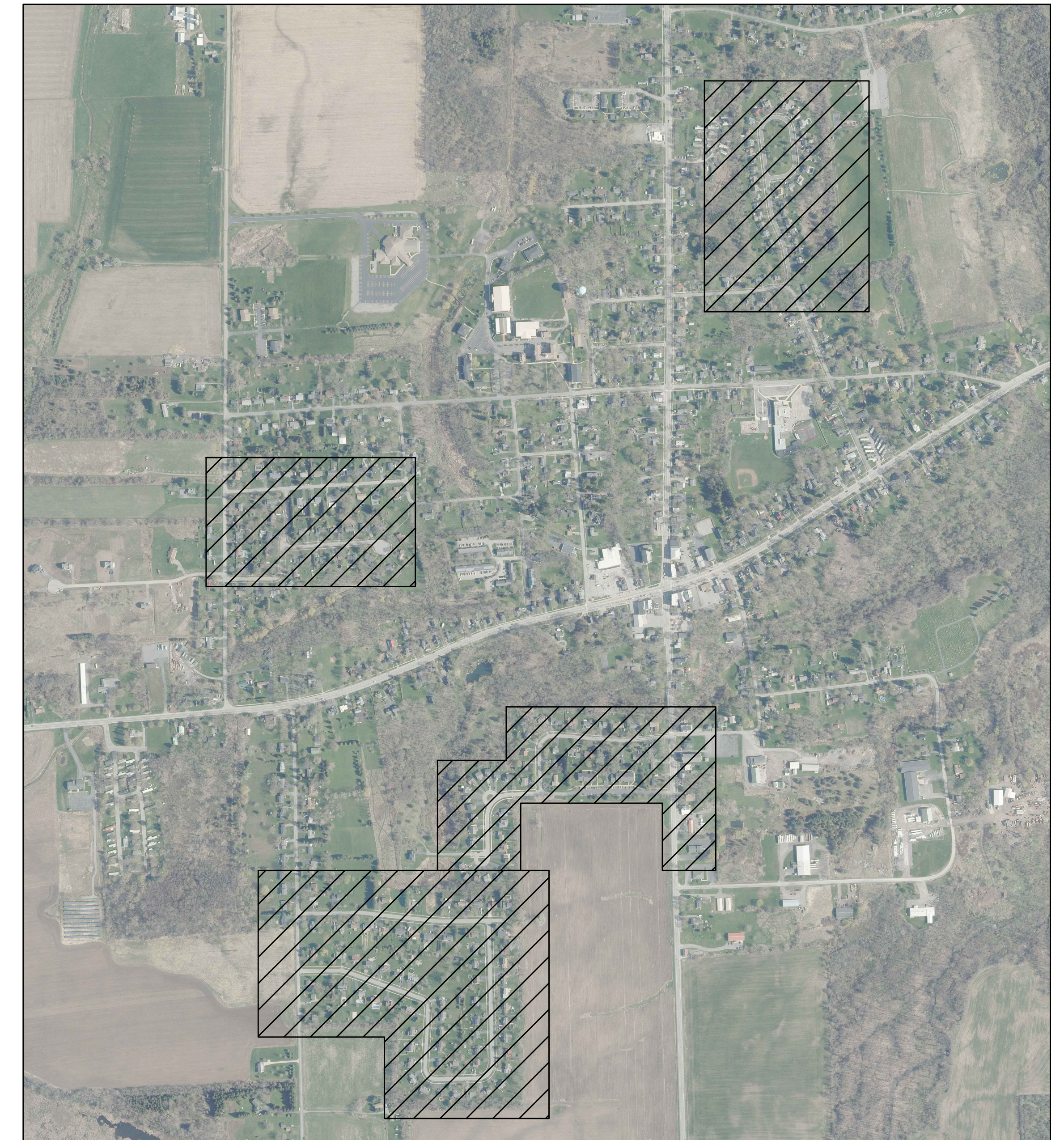
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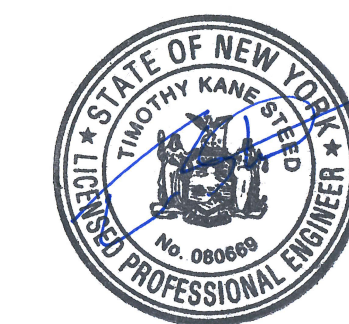
T4.4 RAINBOW LANE FIBER OPTIC SITE PLAN - AREA T4.4

T4.5 RAINBOW LANE FIBER OPTIC SITE PLAN - AREA T4.5

T4.6 RAINBOW LANE FIBER OPTIC SITE PLAN - AREA T4.6



PROJECT LOCATIONS

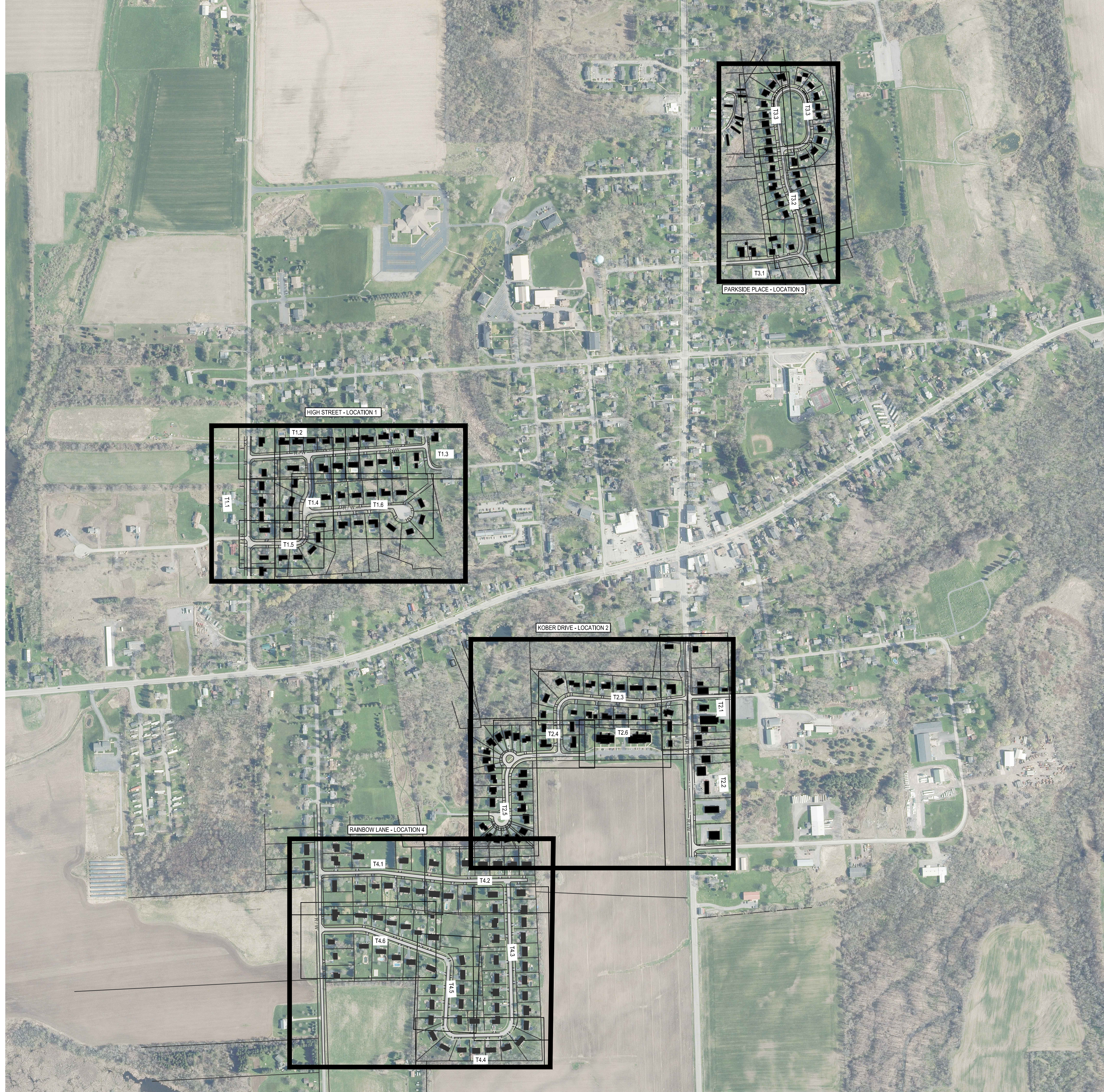


DATE: 06/14/2023
HUNT PROJECT NO.: 3326-008

THIS IS TO CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF - THE DESIGN OF THIS PROJECT CONFORMS TO ALL APPLICABLE PROVISIONS AND BUILDING CODE, THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CODE, AND THE BUILDING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

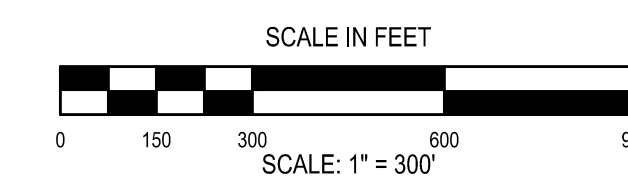
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BINGHAMTON, NY 607-798-8081 ALBANY, NY 607-798-8081
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1 SITE KEY MAP - PROJECT LOCATIONS
SCALE: 1" = 300'

SB - 2



SITE KEY MAP

VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
LIMA, NY

T0.1

PROJECT NO. 3326-008

DATE: 08/12/2023

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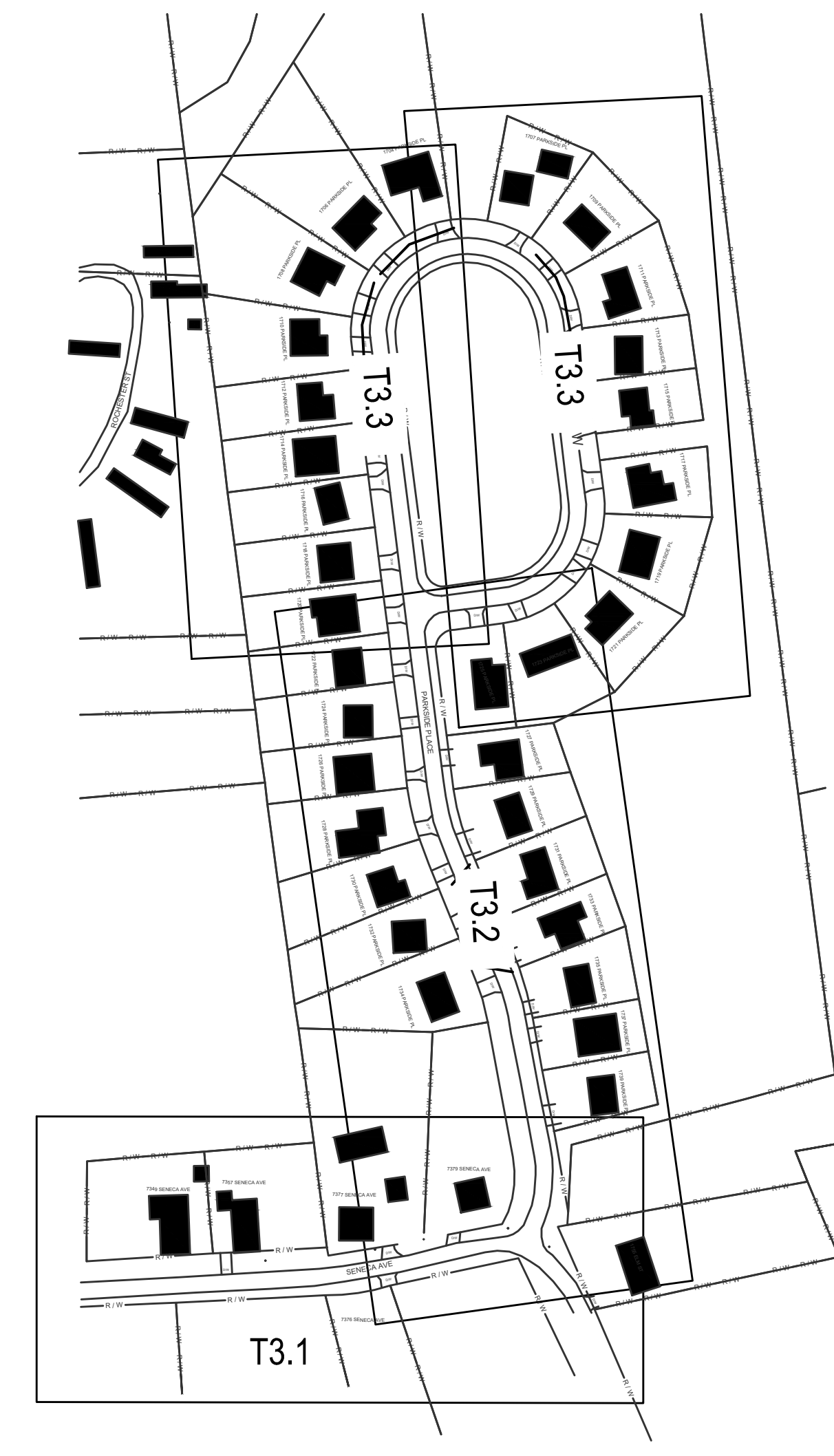
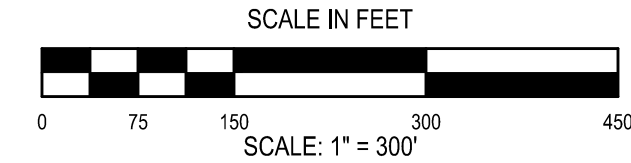
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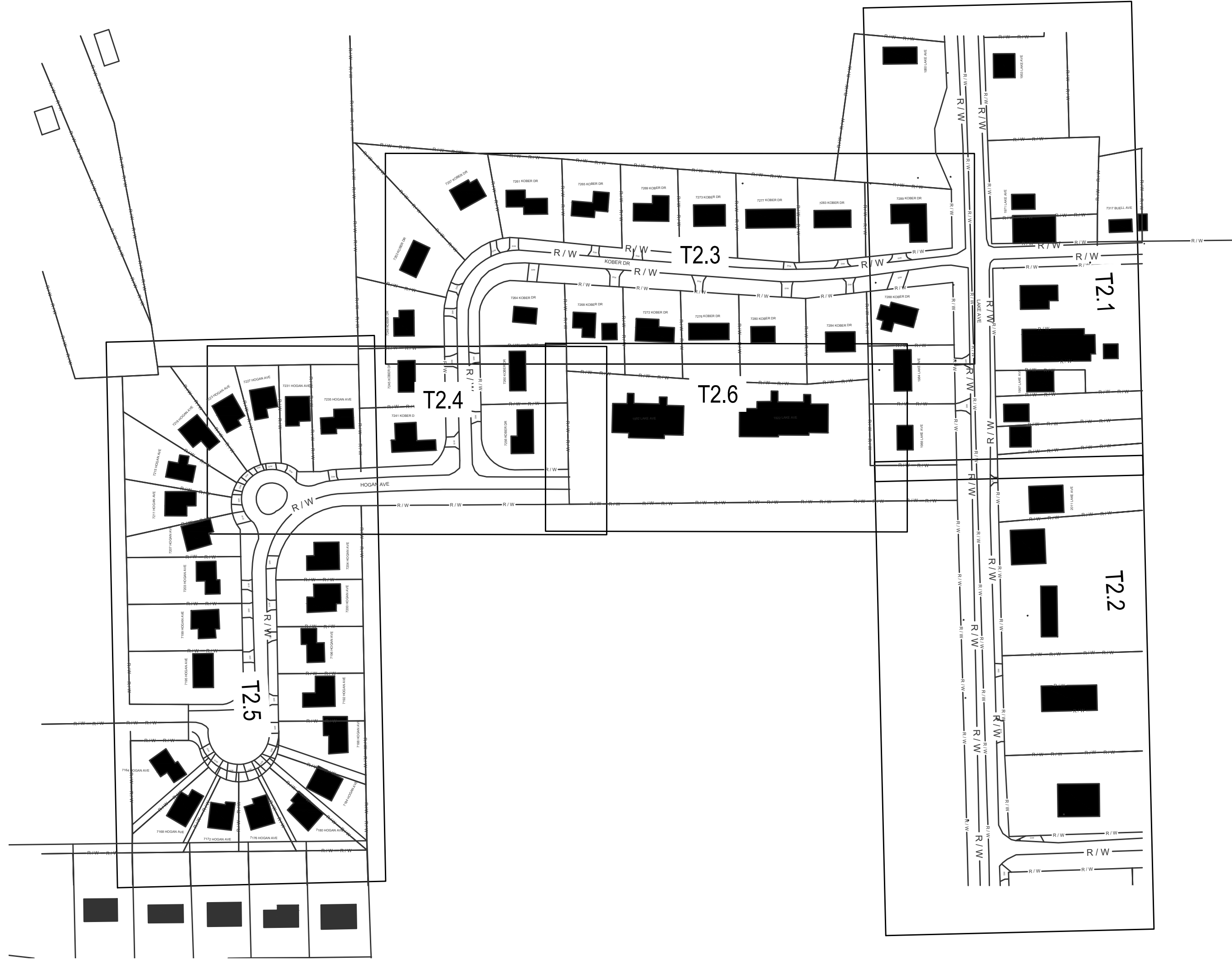
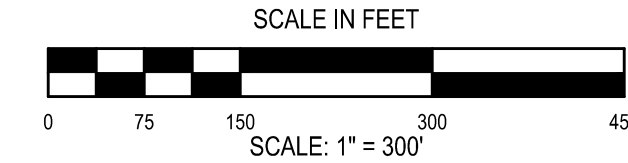




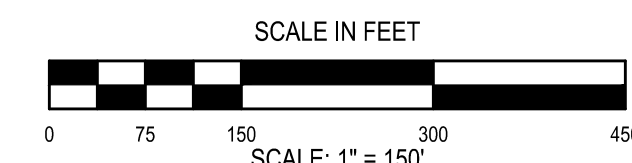
4 RAINBOW LANE - LOCATION 4
SCALE: 1" = 150'



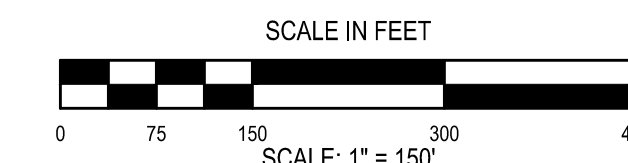
3 PARKSIDE PLACE - LOCATION 3
SCALE: 1" = 150'



2 KOBER DRIVE - LOCATION 2
SCALE: 1" = 150'



1 HIGH STREET - LOCATION 1
SCALE: 1" = 150'



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SITE KEY MAP - PROJECT LOCATIONS
 VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
 EMPIRE ACCESS
 LIMA, NY

T0.2
 PROJECT NO: 3326-008



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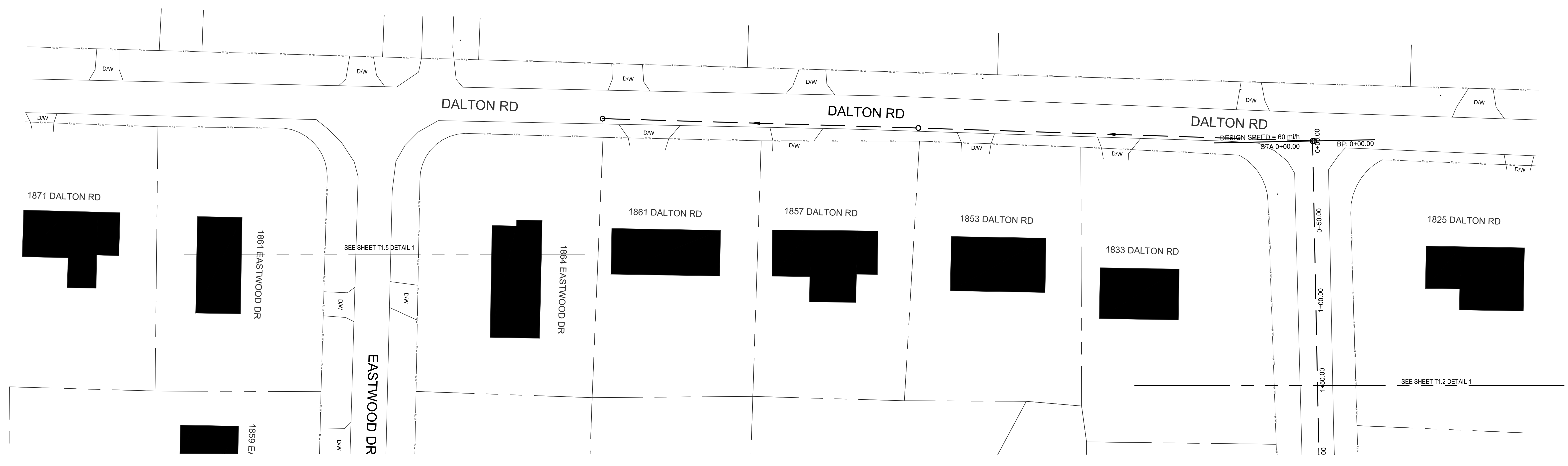
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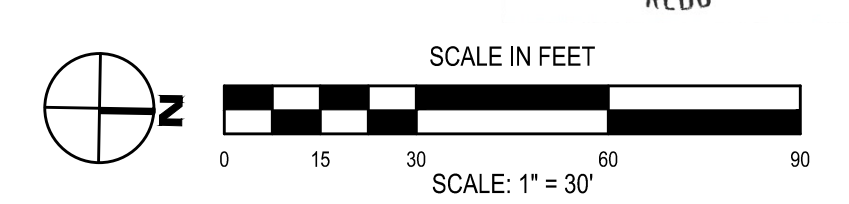
HIGH STREET FIBER OPTIC SITE PLAN - AREA T1.1
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T1.1
 PROJECT NO: 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICER CLOSURE (FOSC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICER TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
 - ALL SPLICING OF FIBER SHALL BE FUSION SPLICING ONLY. WITHIN EXISTING FOSC, SPLICE FIBERS 1-1/2 OF THE NEW FIBER OPTIC CABLE SPAN LABELED D001 TO EXISTING FIBER OPTIC CABLE LOCATED AT ELECTRIC UTILITY POLE 238 WITHIN THE EXISTING FOSC.
 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
 - UNMARKED ELECTRICAL UTILITY POLE LOCATED ON THE CORNER OF MICHIGAN AVE. AND RAINBOW LN. BEGINNING 6' ABOVE GRADE, PROVIDE A RISER, CONSISTING OF 2" INNERDUCT FASTENED TO THE UTILITY POLE OPPOSITE THE FLOW OF TRAFFIC AND PROTECTED BY A U-GUARD. THE INNERDUCT WILL BE THE TRANSITION POINT AT WHICH THE FIBER OPTIC CABLE WILL GO FROM AERIAL TO UNDERGROUND TO A DEPTH OF APPROXIMATELY 36" BELOW GRADE, DEPENDING ON THE LOCATION MARKINGS OF EXISTING UTILITIES. ANY DEVIATION TO THE DEPTH OR LOCATION SHOWN ON THE DRAWINGS RESULTING FROM THE FIELD LOCATION OF EXISTING UTILITIES, WILL BE PROVIDED TO THE VILLAGE FOR REVIEW AND IF ACCEPTED, WILL BE CAPTURED ON AS-BUILT DRAWINGS DURING THE CLOSEOUT PROCESS.
 - NEW HANDHOLE. RING CUT CABLE SPAN AND SPLICE THE NEXT AVAILABLE FIBER TO A 1 X 1/6 SPLITTER. SPLICE ALL 1/6 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 DALTON ROAD - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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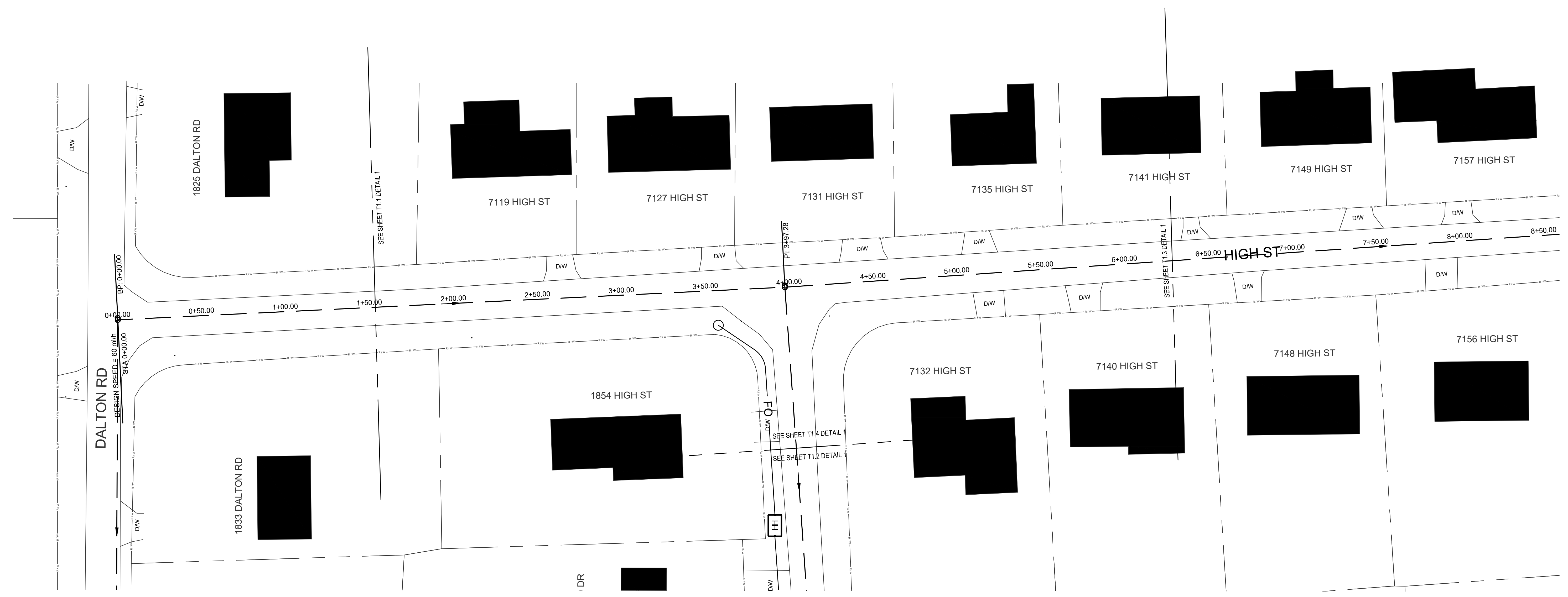
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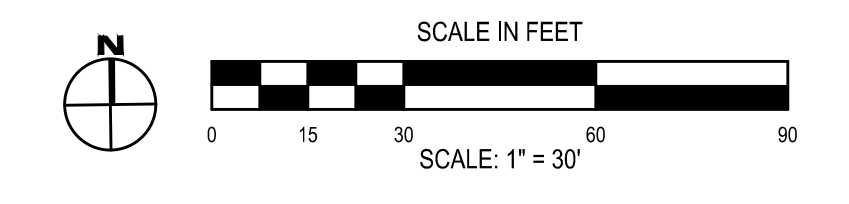
HIGH STREET FIBER OPTIC SITE PLAN - AREA T1.2
 VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
 EMPIRE ACCESS
 LIMA, NY

T1.2
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 236 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICE CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURER'S REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURER'S RECOMMENDED METHOD AND PRESSURE.
 - ALL SPLICING OF FIBER SHALL BE FUSION SPLICING ONLY. WITHIN EXISTING FOSC, SPLICE FIBERS 1-1/2 OF THE NEW FIBER OPTIC CABLE SPAN LABELED D001 TO EXISTING FIBER OPTIC CABLE LOCATED AT ELECTRIC UTILITY POLE 236 WITHIN THE EXISTING FOSC.
 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 236 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
 - UNMARKED ELECTRICAL UTILITY POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LN. BEGINNING 6' ABOVE GRADE, PROVIDE A RISER, CONSISTING OF 2" INNERDUCT FASTENED TO THE UTILITY POLE OPPOSITE THE FLOW OF TRAFFIC AND PROTECTED BY A U-GUARD. THE INNERDUCT WILL BE THE TRANSITION POINT AT WHICH THE FIBER OPTIC CABLE WILL GO FROM AERIAL TO UNDERGROUND TO A DEPTH OF APPROXIMATELY 36" BELOW GRADE, DEPENDING ON THE LOCATION MARKINGS OF EXISTING UTILITIES. ANY DEVIATION TO THE DEPTH OR LOCATION SHOWN ON THE DRAWINGS RESULTING FROM THE FIELD LOCATION OF EXISTING UTILITIES, WILL BE PROVIDED TO THE VILLAGE FOR REVIEW AND IF ACCEPTED, WILL BE CAPTURED ON AS-BUILT DRAWINGS DURING THE CLOSEOUT PROCESS.
 - NEW HANDHOLE RING CUT CABLE SPAN D001 AND SPLICE THE NEXT AVAILABLE FIBER TO A 1 X 1/6 SPLITTER. SPLICE ALL 1/6 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 HIGH STREET - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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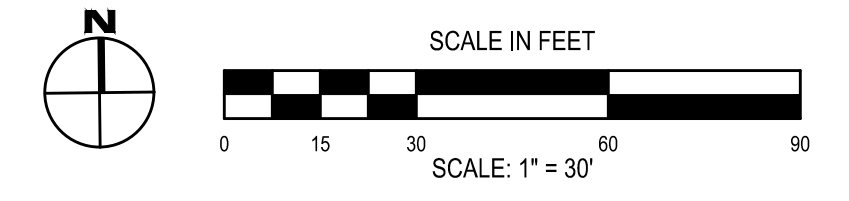
HIGH STREET FIBER OPTIC SITE PLAN - AREA T1.2
 VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
 EMPIRE ACCESS
 LIMA, NY

T1.3
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
1. ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICE CLOSURE (FOSC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURER'S REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOCS, PRESSURIZE THE CLOSURE PER THE MANUFACTURER'S RECOMMENDED METHOD AND PRESSURE.
 2. ALL SPLICING OF FIBER SHALL BE FUSION SPLICING ONLY. WITHIN EXISTING FOCS, SPLICE FIBERS 1-12 OF THE NEW FIBER OPTIC CABLE SPAN LABELED D001 TO EXISTING FIBER OPTIC CABLE LOCATED AT ELECTRIC UTILITY POLE 238 WITHIN THE EXISTING FOCS.
 3. AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
 4. UNMARKED ELECTRICAL UTILITY POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LN. BEGINNING 6' ABOVE GRADE, PROVIDE A RISER, CONSISTING OF 2" INNERDUCT FASTENED TO THE UTILITY POLE OPPOSITE THE FLOW OF TRAFFIC AND PROTECTED BY A U-GUARD. THE INNERDUCT WILL BE THE TRANSITION POINT AT WHICH THE FIBER OPTIC CABLE WILL GO FROM AERIAL TO UNDERGROUND TO A DEPTH OF APPROXIMATELY 36" BELOW GRADE, DEPENDING ON THE LOCATION MARKINGS OF EXISTING UTILITIES. ANY DEVIATION TO THE DEPTH OR LOCATION SHOWN ON THE DRAWINGS RESULTING FROM THE FIELD LOCATION OF EXISTING UTILITIES, WILL BE PROVIDED TO THE VILLAGE FOR REVIEW AND IF ACCEPTED, WILL BE CAPTURED ON AS-BUILT DRAWINGS DURING THE CLOSEOUT PROCESS.
 5. NEW HANDHOLE RING CUT CABLE SPAN D001 AND SPICE THE NEXT AVAILABLE FIBER TO A 1 X 1 G SPLITTER. SPLICE ALL 1 G OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 6. HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 7. ROUND 1 2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



2 HIGH STREET - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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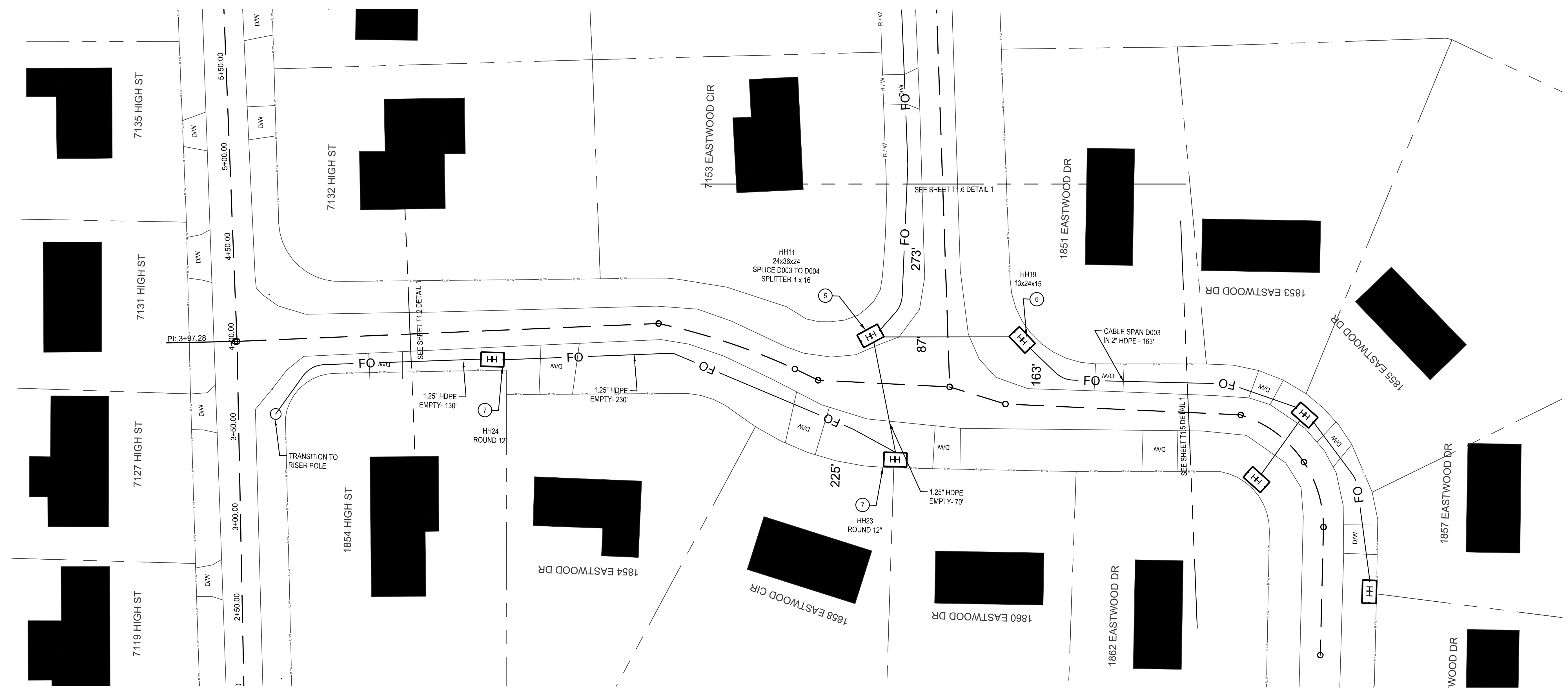
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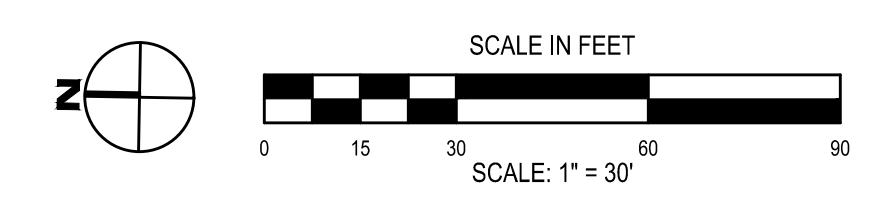
HIGH STREET FIBER OPTIC SITE PLAN - AREA T1.4
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T1.4
 PROJECT NO. 3326-008

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 - NEW HANDHOLE RING CUT CABLE SPAN D001 AND SPICE THE NEXT AVAILABLE FIBER TO A 1 X 16 SPLITTER. SPLICE ALL 16 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1 2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



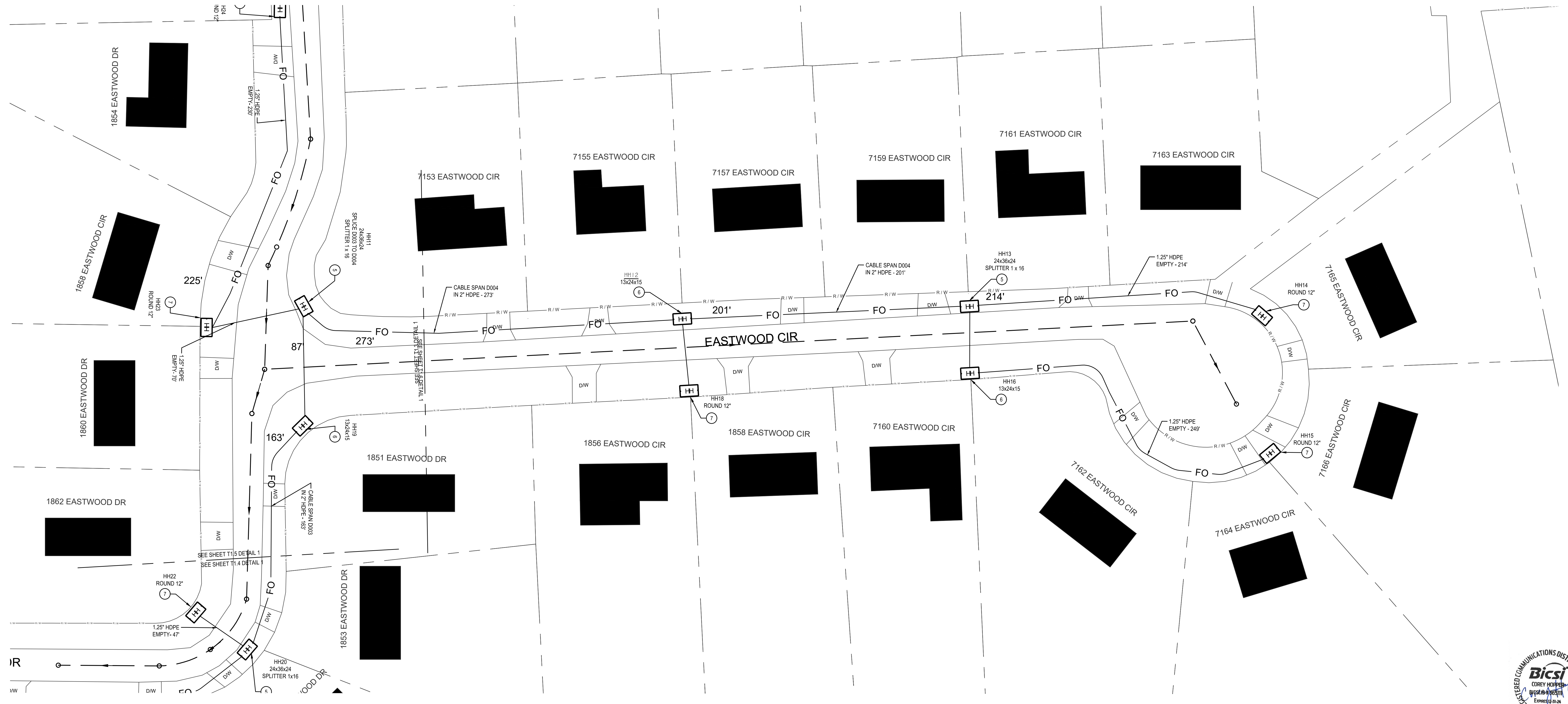
1 EASTWOOD DRIVE - TECHNOLOGY PLAN
 SCALE: 1" = 30'



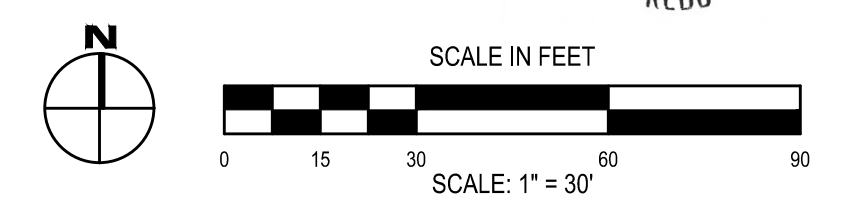


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 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
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 - NEW HANDHOLE RING-CUT CABLE SPAN D001 AND SPICE THE NEXT AVAILABLE FIBER TO A 1X16 SPLITTER. SPICE ALL 16 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIT/LAID LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 12" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 EASTWOOD CIRCLE - TECHNOLOGY PLAN
SCALE: 1" = 30'



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HIGH STREET FIBER OPTIC SITE PLAN - AREA T1.6
 VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
 EMPIRE ACCESS
 LIMA, NY

T1.6
 PROJECT NO. 3326-008



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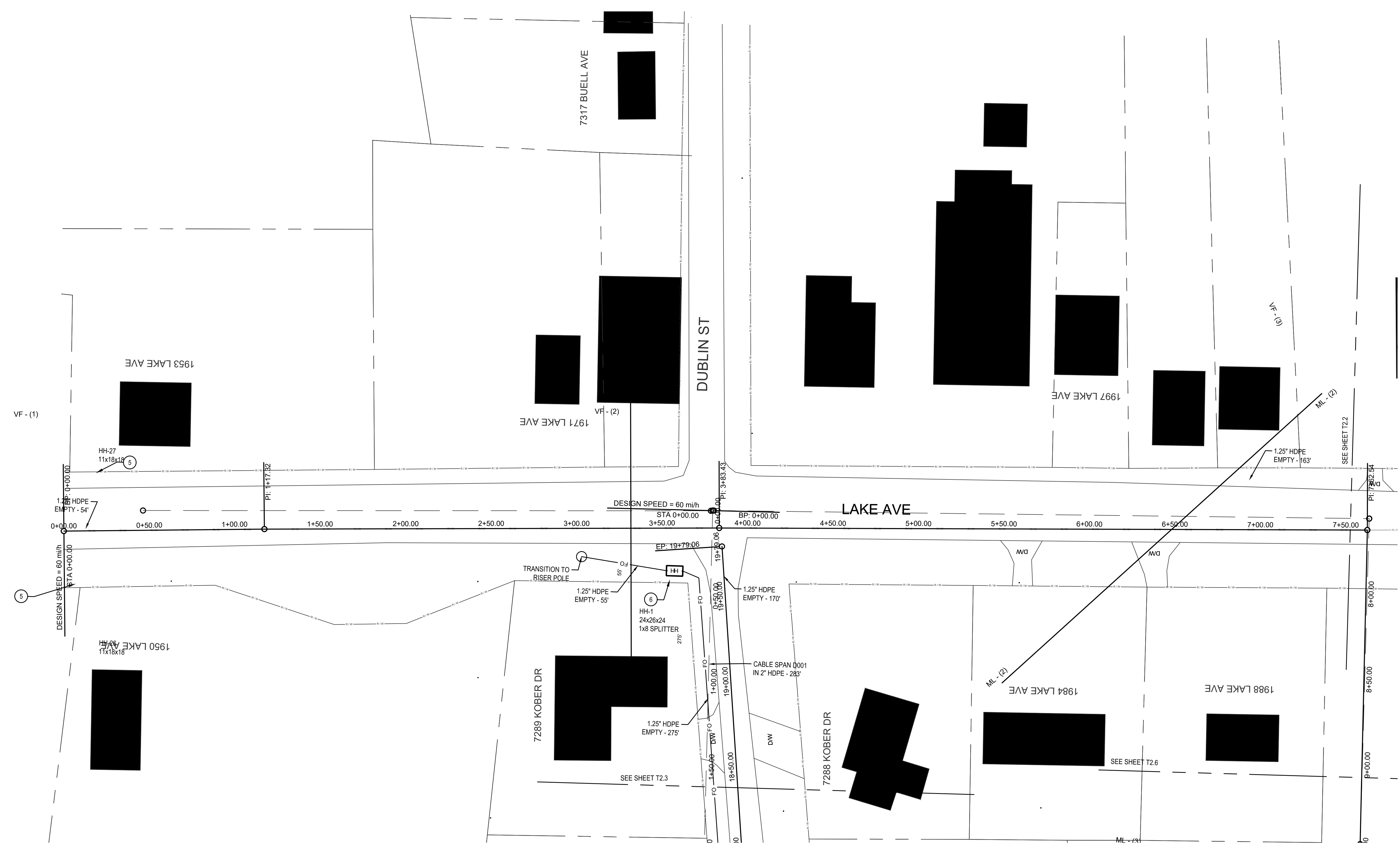
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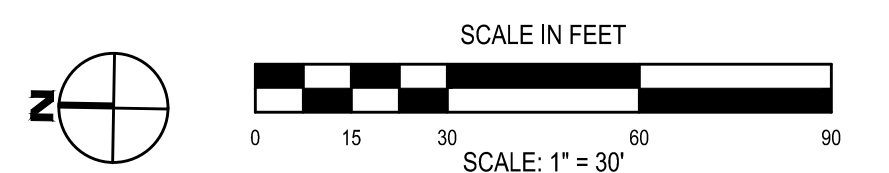
KOBER DRIVE FIBER OPTIC SITE PLAN - AREA T2.1
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T2.1
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICE CLOSURE (FOSC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURERS' REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOCS, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS' RECOMMENDED METHOD AND PRESSURE.
 - ALL SPLICING OF FIBER SHALL BE FUSION SPLICING ONLY. WITHIN EXISTING FOCS, SPLICE FIBERS 1-1/2 OF THE NEW FIBER OPTIC CABLE SPAN LABELED D001 TO EXISTING FIBER OPTIC CABLE LOCATED AT ELECTRIC UTILITY POLE 238 WITHIN THE EXISTING FOCS.
 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
- UNMARKED ELECTRICAL UTILITY POLE LOCATED ON THE CORNER OF MICHIGAN AVE. AND RAINBOW LN. BEGINNING 6' ABOVE GRADE, PROVIDE A RISER, CONSISTING OF 2" INNERDUCT FASTENED TO THE UTILITY POLE OPPOSITE THE FLOW OF TRAFFIC AND PROTECTED BY A U-GUARD. THE INNERDUCT WILL BE THE TRANSITION POINT AT WHICH THE FIBER OPTIC CABLE WILL GO FROM AERIAL TO UNDERGROUND TO A DEPTH OF APPROXIMATELY 36" BELOW GRADE, DEPENDING ON THE LOCATION MARKINGS OF EXISTING UTILITIES. ANY DEVIATION TO THE DEPTH OR LOCATION SHOWN ON THE DRAWINGS RESULTING FROM THE FIELD LOCATION OF EXISTING UTILITIES, WILL BE PROVIDED TO THE VILLAGE FOR REVIEW AND IF ACCEPTED, WILL BE CAPTURED ON AS-BUILT DRAWINGS DURING THE CLOSEOUT PROCESS.
- NEW HANDHOLE RING CUT CABLE SPAN D001 AND SPLICE THE NEXT AVAILABLE FIBER TO A 1X1/6 SPLITTER. SPLICE ALL 1/6 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 LAKE AVE - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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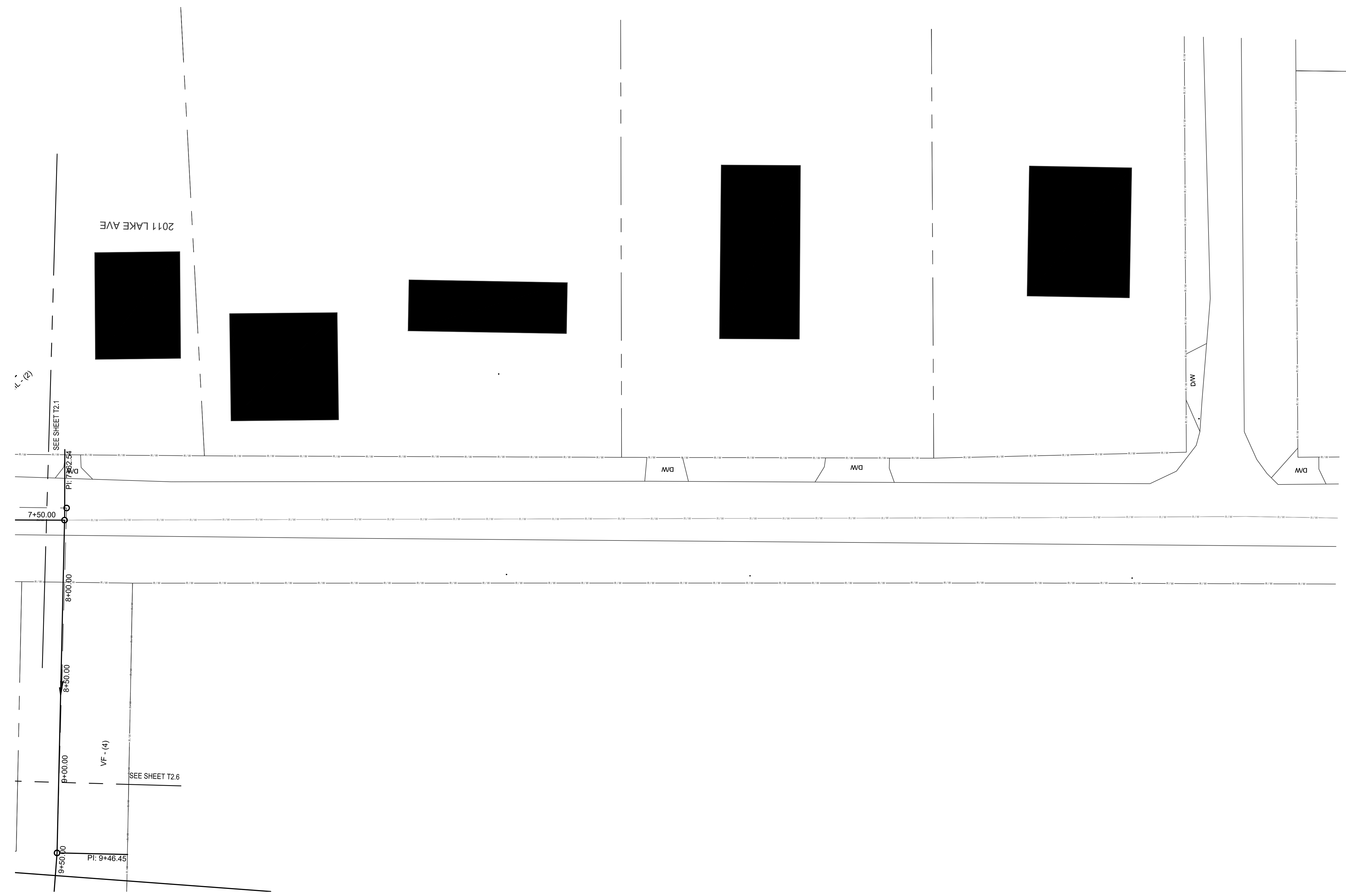
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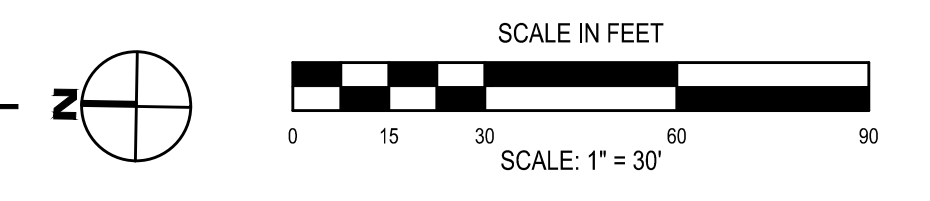
KOBER DRIVE FIBER OPTIC SITE PLAN - AREA T2.2
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T2.2
 PROJECT NO: 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICING CLOSURE (FOSC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURER'S REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURER'S RECOMMENDED METHOD AND PRESSURE.
 - ALL SPLICING OF FIBER SHALL BE FUSION SPLICING ONLY. WITHIN EXISTING FOSC, SPLICE FIBERS 1-1/2 OF THE NEW FIBER OPTIC CABLE SPAN LABELED D001 TO EXISTING FIBER OPTIC CABLE LABELED AT ELECTRIC UTILITY POLE 238 WITHIN THE EXISTING FOSC.
 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
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- NEW HANDHOLE RING CUT CABLE SPAN D001 AND SPLICE THE NEXT AVAILABLE FIBER TO A 1X1/6 SPLITTER. SPLICE ALL 1/6 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LABELED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 LAKE AVE - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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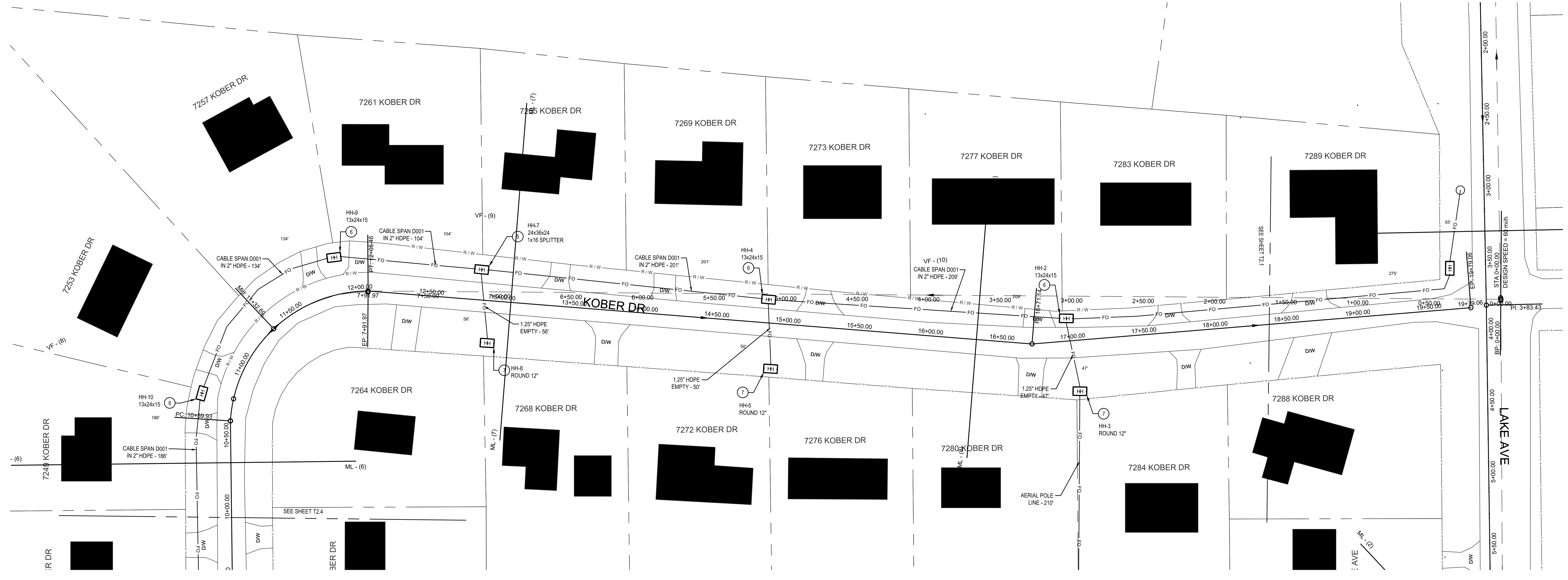
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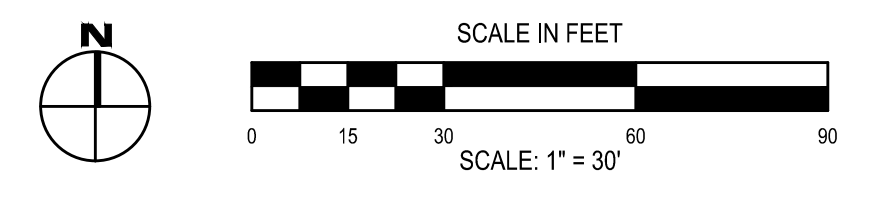
KOBER DRIVE FIBER OPTIC SITE PLAN - AREA T2.3
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T2.3
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICING CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICING TRAY PER MANUFACTURER'S REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURER'S RECOMMENDED METHOD AND PRESSURE.
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 - NEW HANDHOLE RING CUT CABLE SPAN D001 AND SPLICE THE NEXT AVAILABLE FIBER TO A 1X16 SPLITTER. SPLICE ALL 16 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PITGAL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 KOBER DRIVE - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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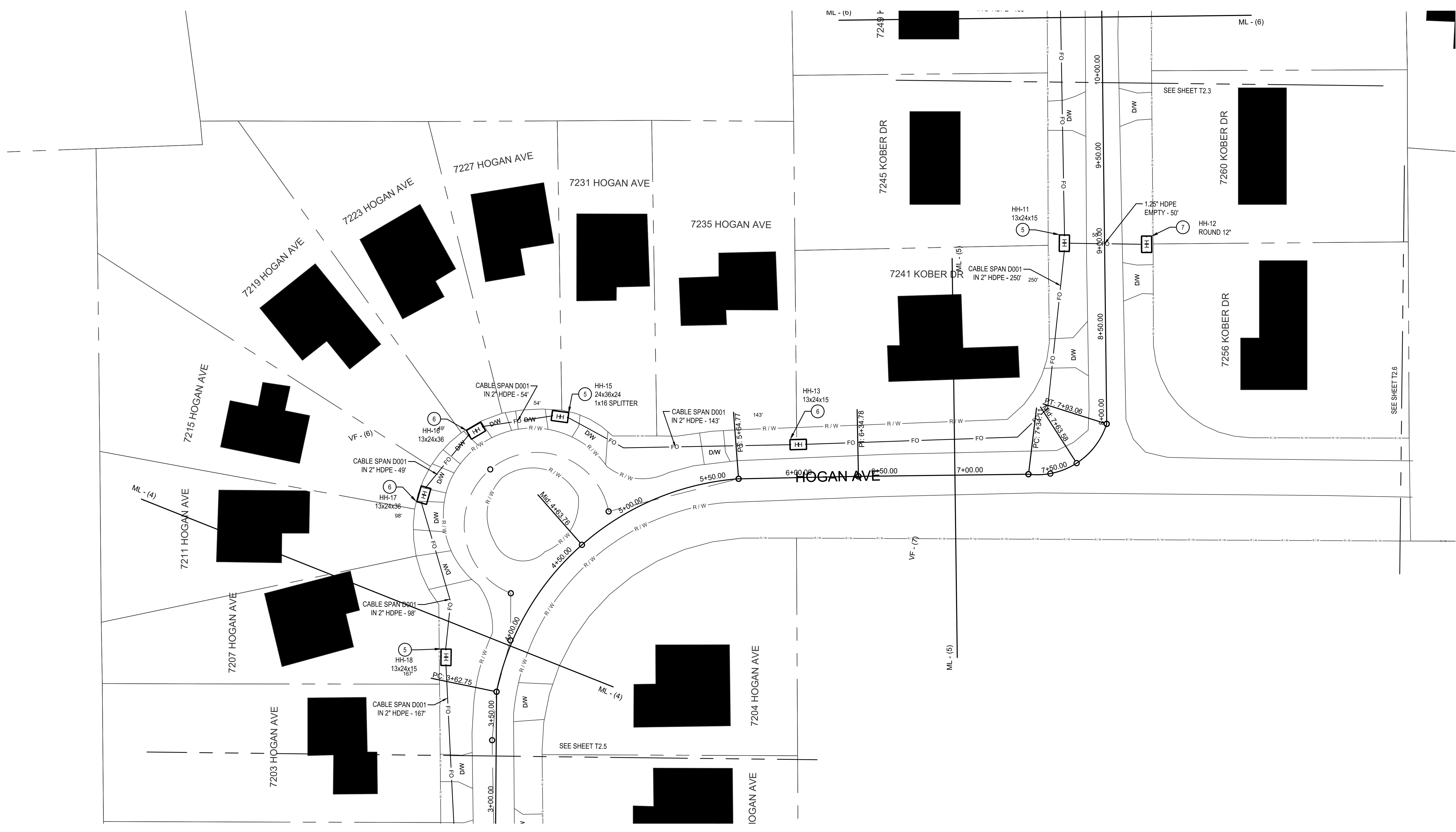
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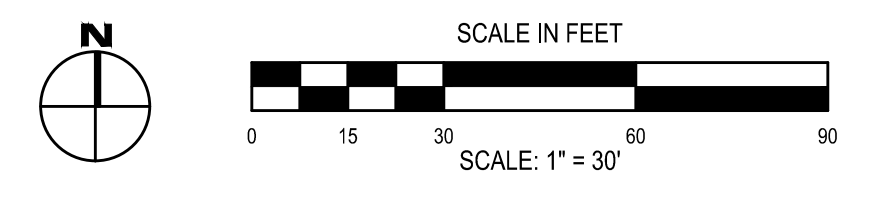
KOBER DRIVE FIBER OPTIC SITE PLAN - AREA T2.3
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T2.4
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICE CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
 - ALL SPLICING OF FIBER SHALL BE FUSION SPLICING ONLY. WITHIN EXISTING FOSC, SPLICE FIBERS 1-1/2 OF THE NEW FIBER OPTIC CABLE SPAN LABELED D001 TO EXISTING FIBER OPTIC CABLE LOCATED AT ELECTRIC UTILITY POLE 238 WITHIN THE EXISTING FOSC.
 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
 - UNMARKED ELECTRICAL UTILITY POLE LOCATED ON THE CORNER OF MICHIGAN AVE, AND RAINBOW LN, BEGINNING 6' ABOVE GRADE, PROVIDE A RISER, CONSISTING OF 2" INNERDUCT FASTENED TO THE UTILITY POLE OPPOSITE THE FLOW OF TRAFFIC AND PROTECTED BY A U-GUARD. THE INNERDUCT WILL BE THE TRANSITION POINT AT WHICH THE FIBER OPTIC CABLE WILL GO FROM AERIAL TO UNDERGROUND TO A DEPTH OF APPROXIMATELY 36" BELOW GRADE, DEPENDING ON THE LOCATION MARKINGS OF EXISTING UTILITIES. ANY DEVIATION TO THE DEPTH OR LOCATION SHOWN ON THE DRAWINGS RESULTING FROM THE FIELD LOCATION OF EXISTING UTILITIES, WILL BE PROVIDED TO THE VILLAGE FOR REVIEW AND IF ACCEPTED, WILL BE CAPTURED ON AS-BUILT DRAWINGS DURING THE CLOSEOUT PROCESS.
 - NEW HANDHOLE RING CUT CABLE SPAN D001 AND SPLICE THE NEXT AVAILABLE FIBER TO A 1X1/6 SPLITTER. SPLICE ALL 1/6 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PITGAL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 KOBER DRIVE - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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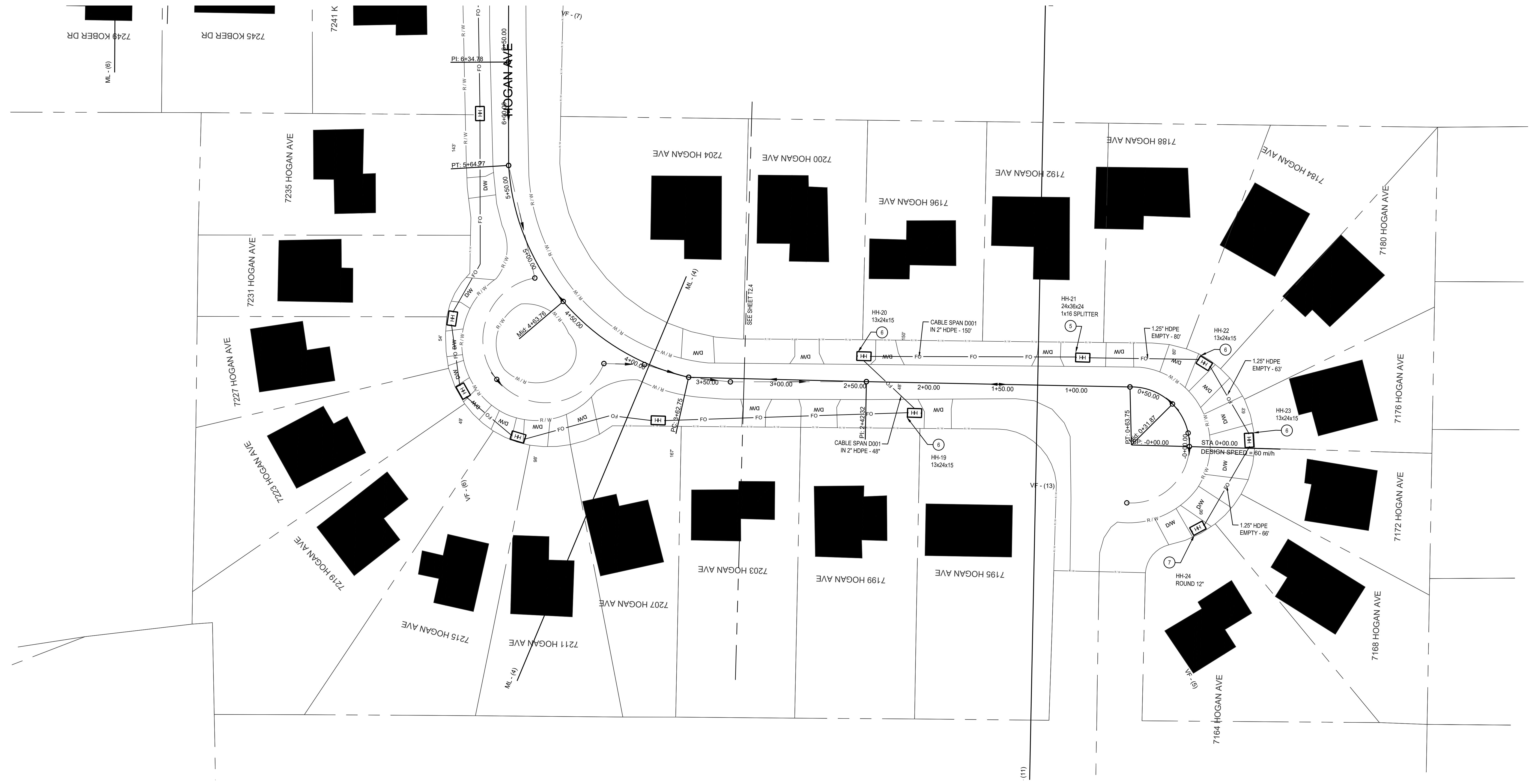
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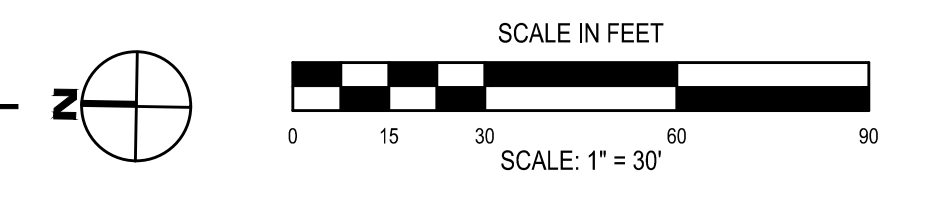
KOBER DRIVE FIBER OPTIC SITE PLAN - AREA T2.5
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T2.5
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICING CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICING TRAY PER MANUFACTURERS' REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS' RECOMMENDED METHOD AND PRESSURE.
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 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
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 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 KOBER DRIVE - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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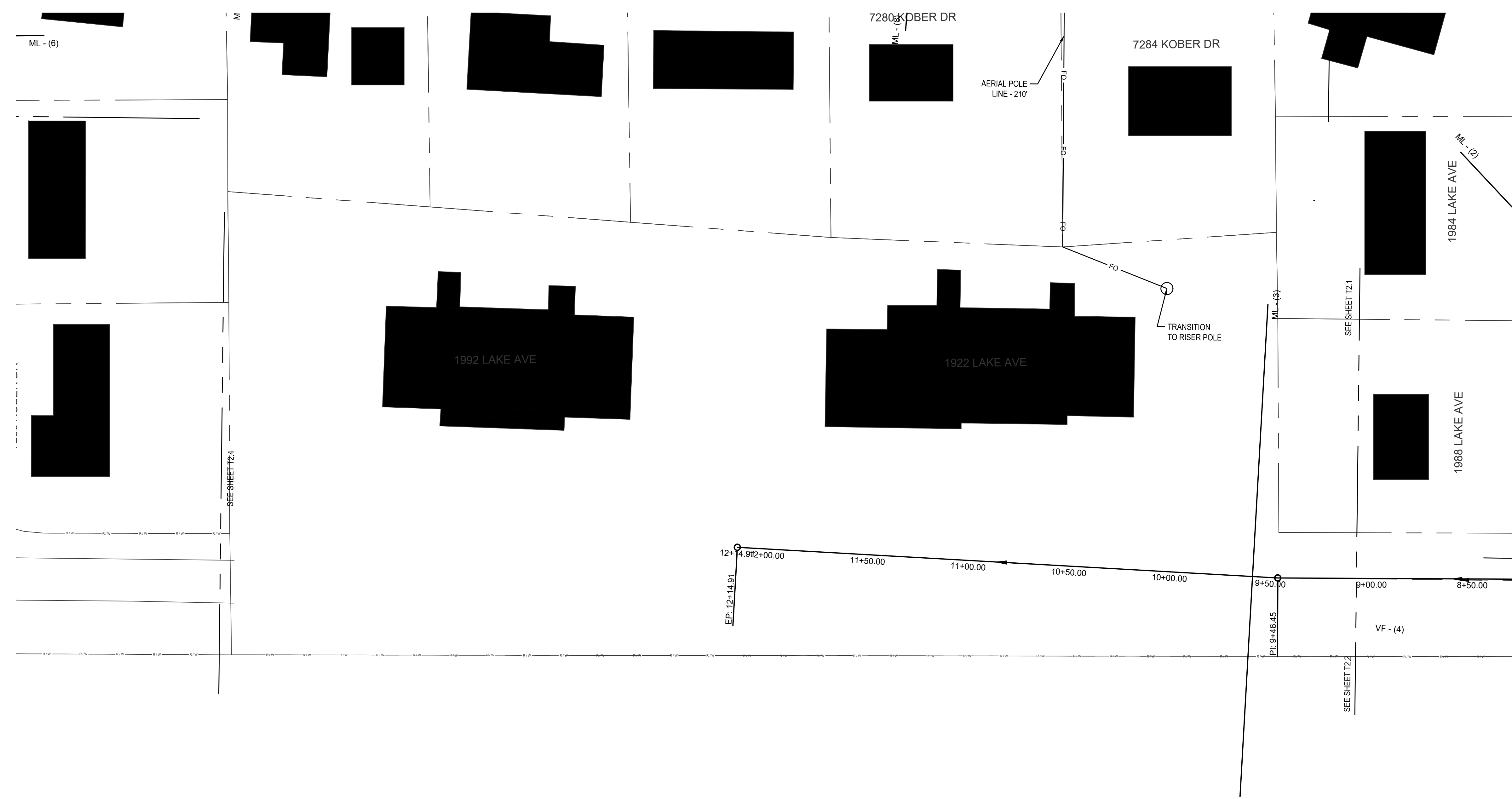
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 WWW.HUNTEAS.COM
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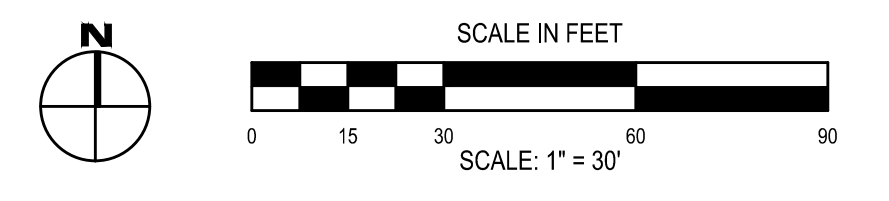
KOBER DRIVE FIBER OPTIC SITE PLAN - AREA T2.6
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T2.6
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICING CLOSURE (FOSC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
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 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 KOBER DRIVE - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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 NY CERTIFICATE NO. 001620 PA CERTIFICATE NO. TSC2203131464-1

PARKSIDE PLACE FIBER OPTIC SITE PLAN - AREA T3.1
 VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
 EMPIRE ACCESS
 LIMA, NY

T3.1
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICE CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
 - ALL SPLICING OF FIBER SHALL BE FUSION SPLICING ONLY. WITHIN EXISTING FOSC, SPLICE FIBERS 1-1/2 OF THE NEW FIBER OPTIC CABLE SPAN LABELED D001 TO EXISTING FIBER OPTIC CABLE LOCATED AT ELECTRIC UTILITY POLE 238 WITHIN THE EXISTING FOSC.
 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
 - UNMARKED ELECTRICAL UTILITY POLE LOCATED ON THE CORNER OF MICHIGAN AVE. AND RAINBOW LN. BEGINNING 6' ABOVE GRADE, PROVIDE A RISER, CONSISTING OF 2" INNERDUCT FASTENED TO THE UTILITY POLE OPPOSITE THE FLOW OF TRAFFIC AND PROTECTED BY A U-GUARD. THE INNERDUCT WILL BE THE TRANSITION POINT AT WHICH THE FIBER OPTIC CABLE WILL GO FROM AERIAL TO UNDERGROUND TO A DEPTH OF APPROXIMATELY 36" BELOW GRADE, DEPENDING ON THE LOCATION MARKINGS OF EXISTING UTILITIES. ANY DEVIATION TO THE DEPTH OR LOCATION SHOWN ON THE DRAWINGS RESULTING FROM THE FIELD LOCATION OF EXISTING UTILITIES, WILL BE PROVIDED TO THE VILLAGE FOR REVIEW AND IF ACCEPTED, WILL BE CAPTURED ON AS-BUILT DRAWINGS DURING THE CLOSEOUT PROCESS.
 - NEW HANDHOLE. RING CUT CABLE SPAN D001 AND SPLICE THE NEXT AVAILABLE FIBER TO A 1X1/8 SPLITTER. SPLICE ALL 1/8 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 SENECA AVE - FIBER OPTIC SITE PLAN
 SCALE: 1" = 30'





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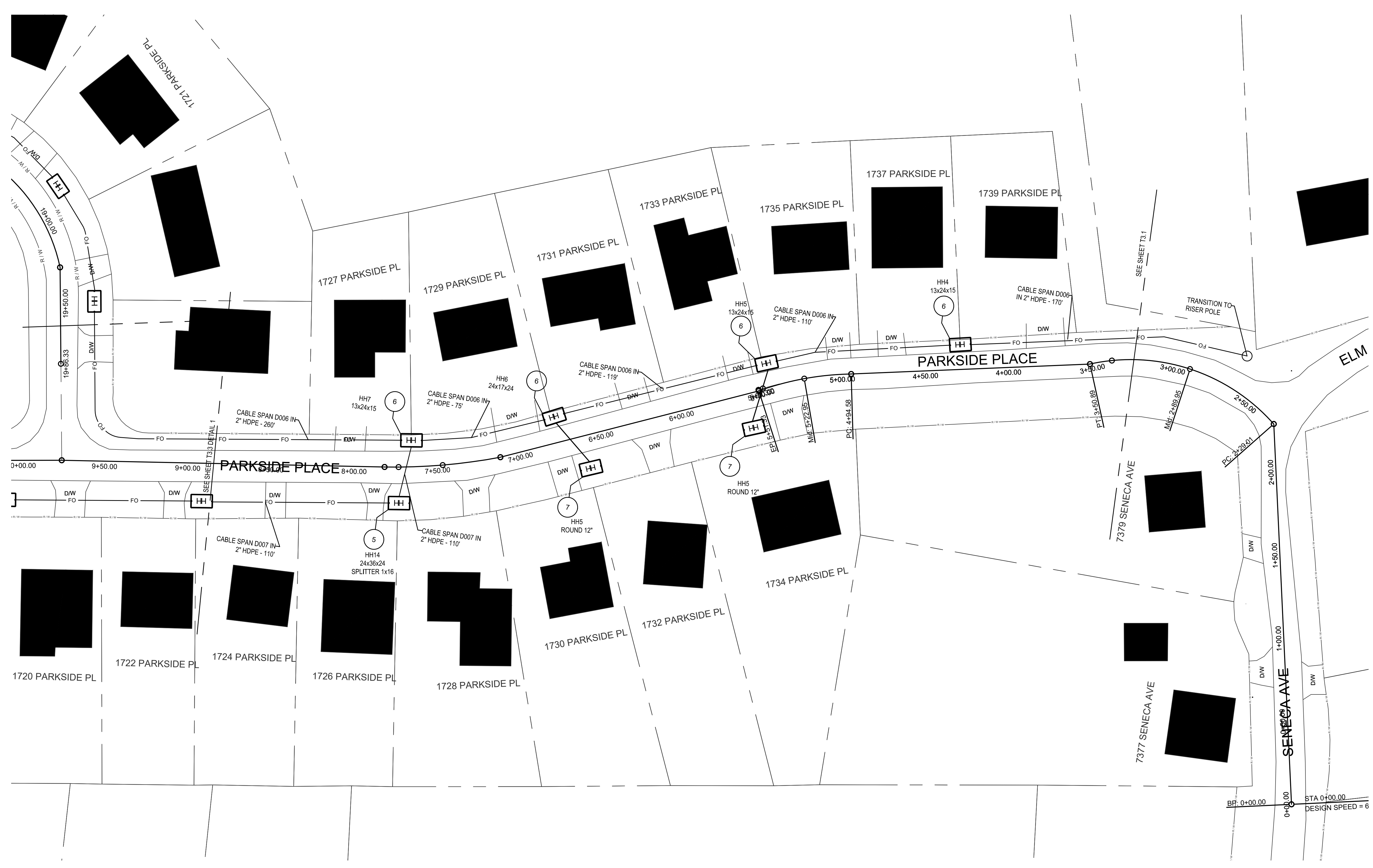
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 NY CERTIFICATE NO. 001620 PA CERTIFICATE NO. TSC2203131464-1

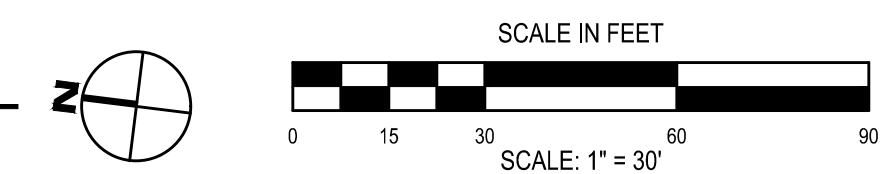
PARKSIDE PLACE FIBER OPTIC SITE PLAN - AREA T3.2
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T3.2
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICING CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
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 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
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 - NEW HANDHOLE, RING CUT CABLE SPAN D001 AND SPLICE THE NEXT AVAILABLE FIBER TO A 1X16 SPLITTER. SPLICE ALL 16 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 12" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 PARKSIDE PLACE - FIBER OPTIC SITE PLAN
 SCALE: 1" = 30'





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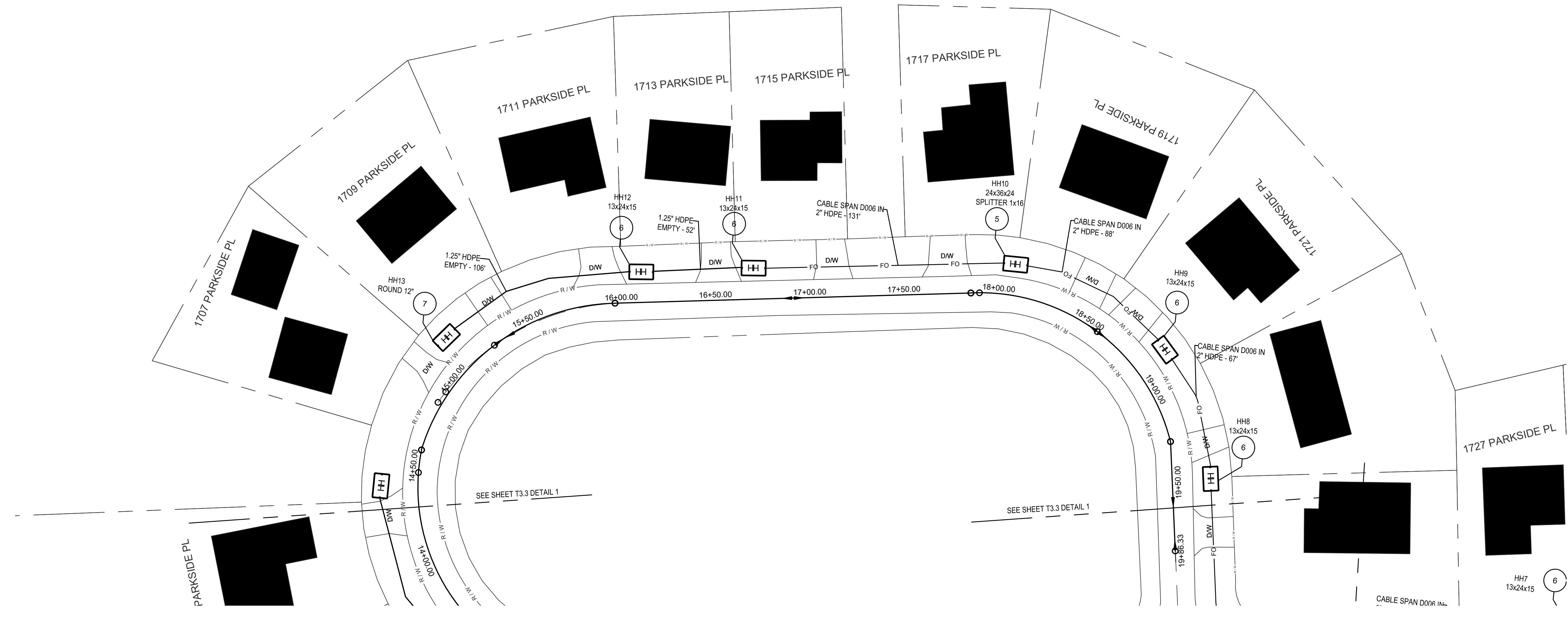
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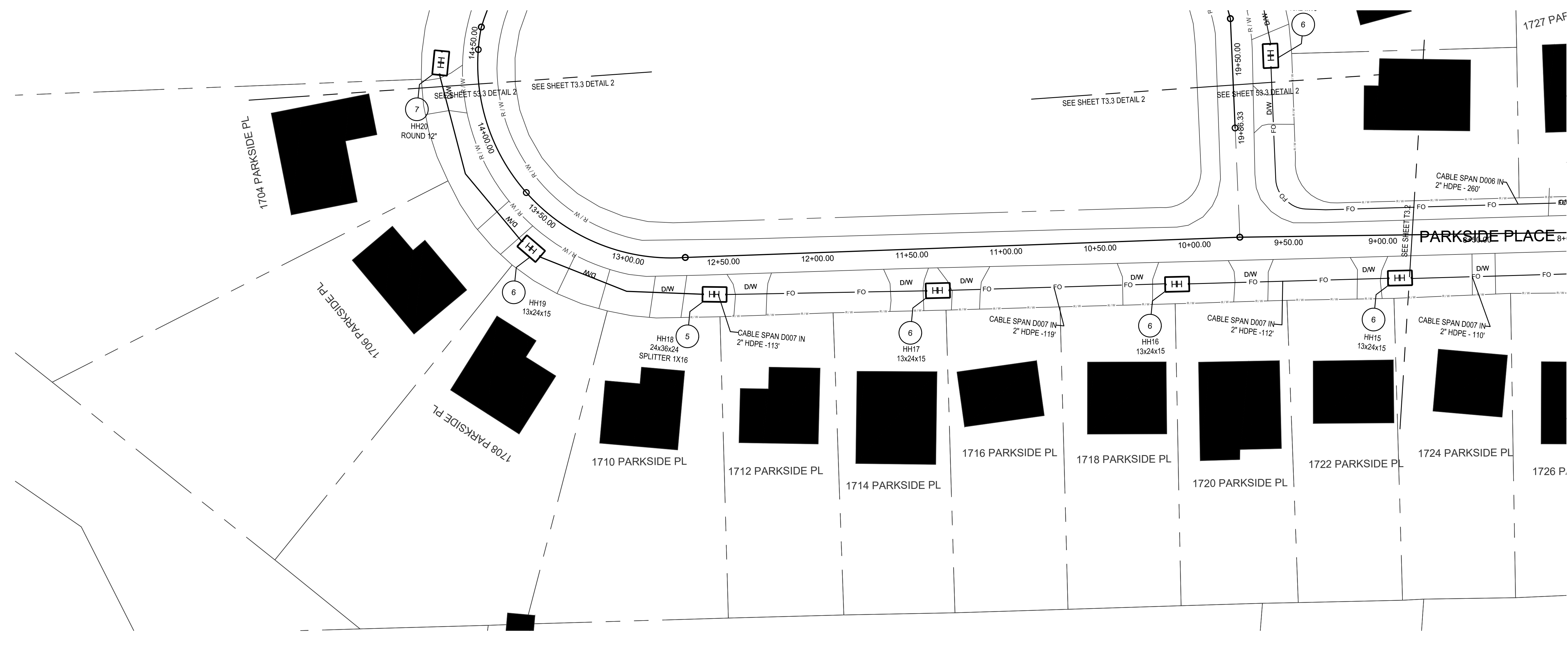
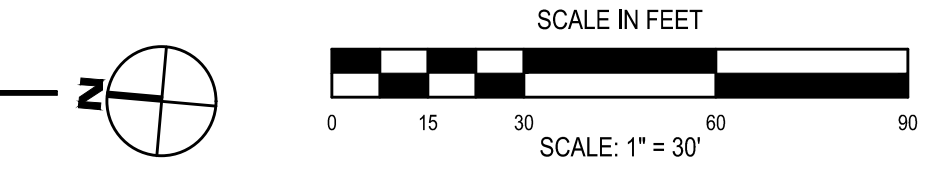
PARKSIDE PLACE FIBER OPTIC SITE PLAN - AREA T3.3
 VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
 EMPIRE ACCESS
 LIMA, NY

T3.3
 PROJECT NO. 3326-008

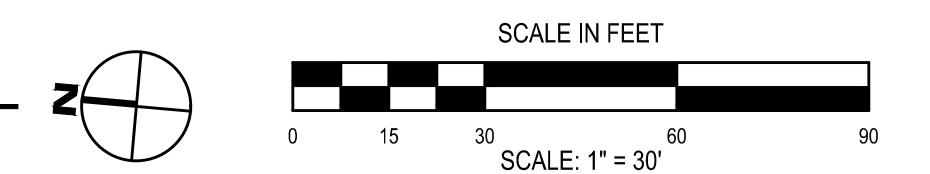
- TECHNOLOGY NOTES:
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 - NEW HANDHOLE, RING CUT CABLE SPAN D001 AND SPICE THE NEXT AVAILABLE FIBER TO A 1 X 16 SPLITTER. SPLICE ALL 16 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 12" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



2 PARKSIDE PLACE - FIBER OPTIC SITE PLAN
 SCALE: 1" = 30'



1 PARKSIDE PLACE - FIBER OPTIC SITE PLAN
 SCALE: 1" = 30'





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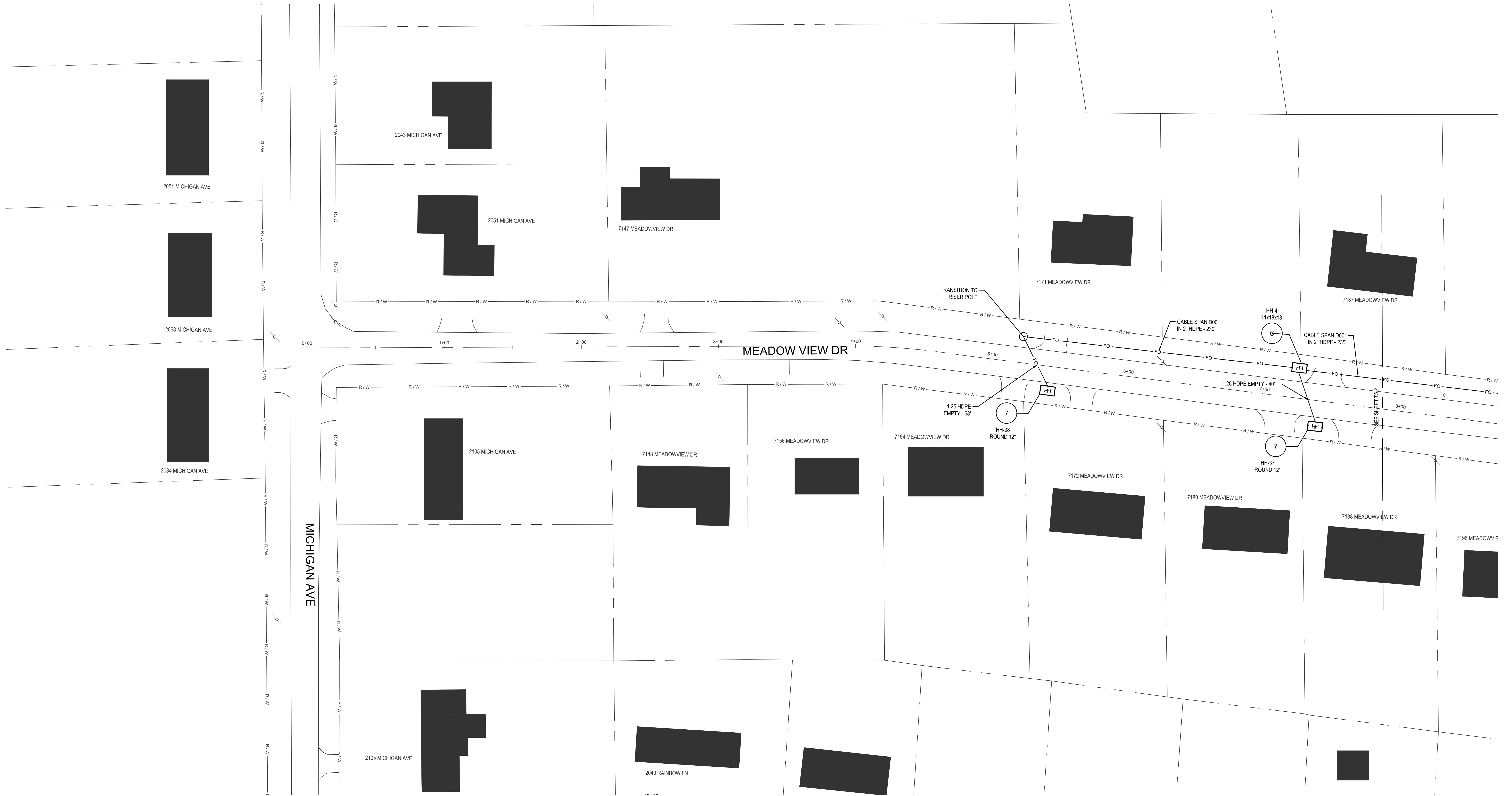
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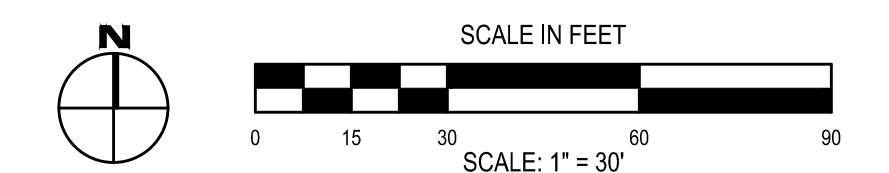
RAINBOW LANE FIBER OPTIC SITE PLAN - AREA T4.1
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T4.1
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICING CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
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 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 MEADOWVIEW DRIVE - TECHNOLOGY PLAN
 SCALE: 1" = 30'





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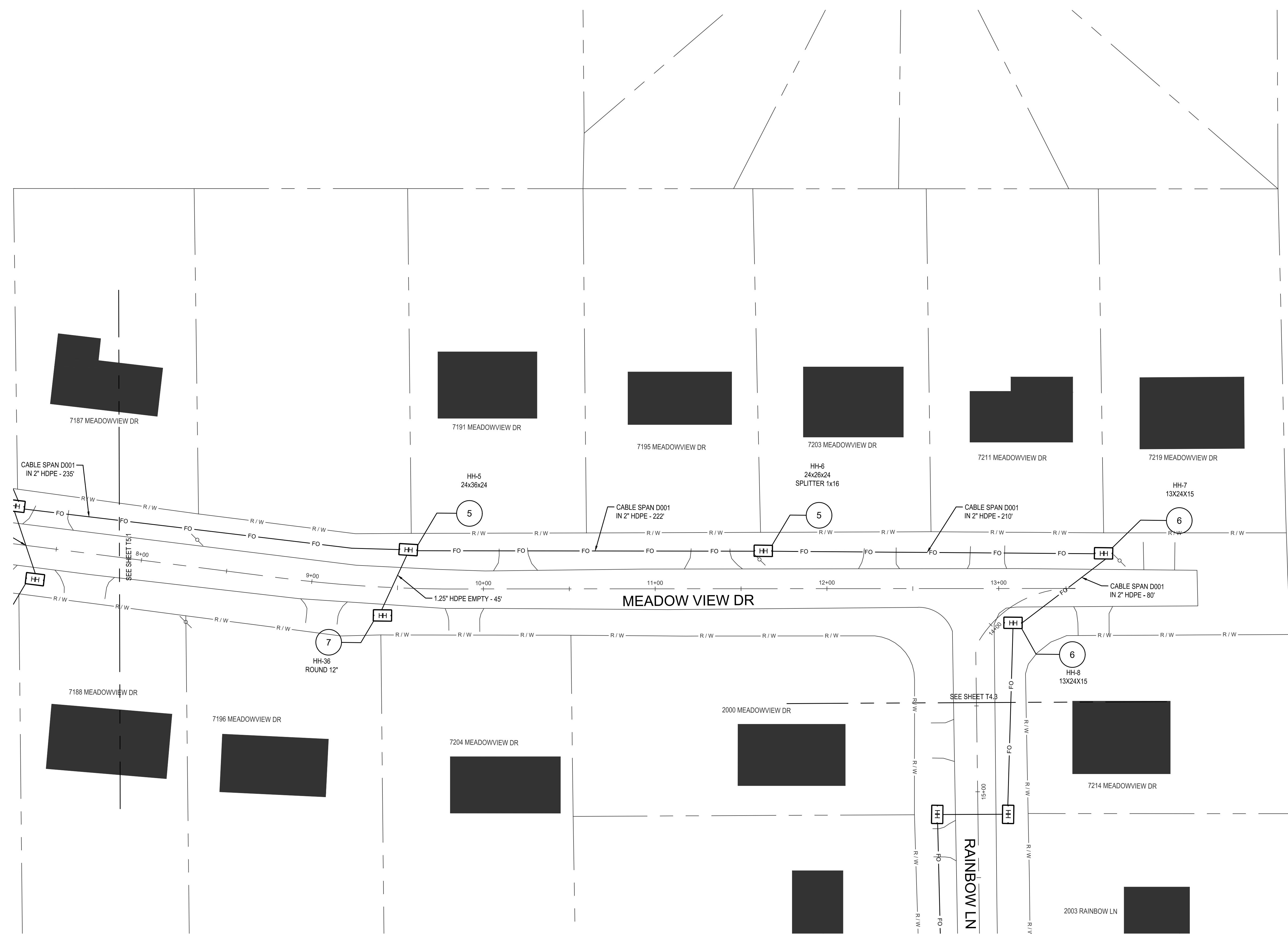
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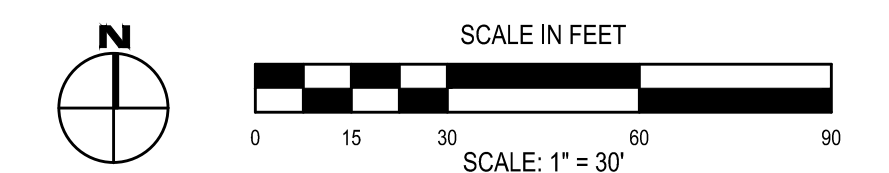
RAINBOW LANE FIBER OPTIC SITE PLAN - AREA T4.2
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T4.2
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICING CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPLICE TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
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 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
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 - NEW HANDHOLE. RING CUT CABLE SPAN D001 AND SPLICE THE NEXT AVAILABLE FIBER TO A 1X16 SPLITTER. SPLICE ALL 16 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 12" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 MEADOWVIEW DRIVE - FIBER OPTIC SITE PLAN
 SCALE: 1" = 30'





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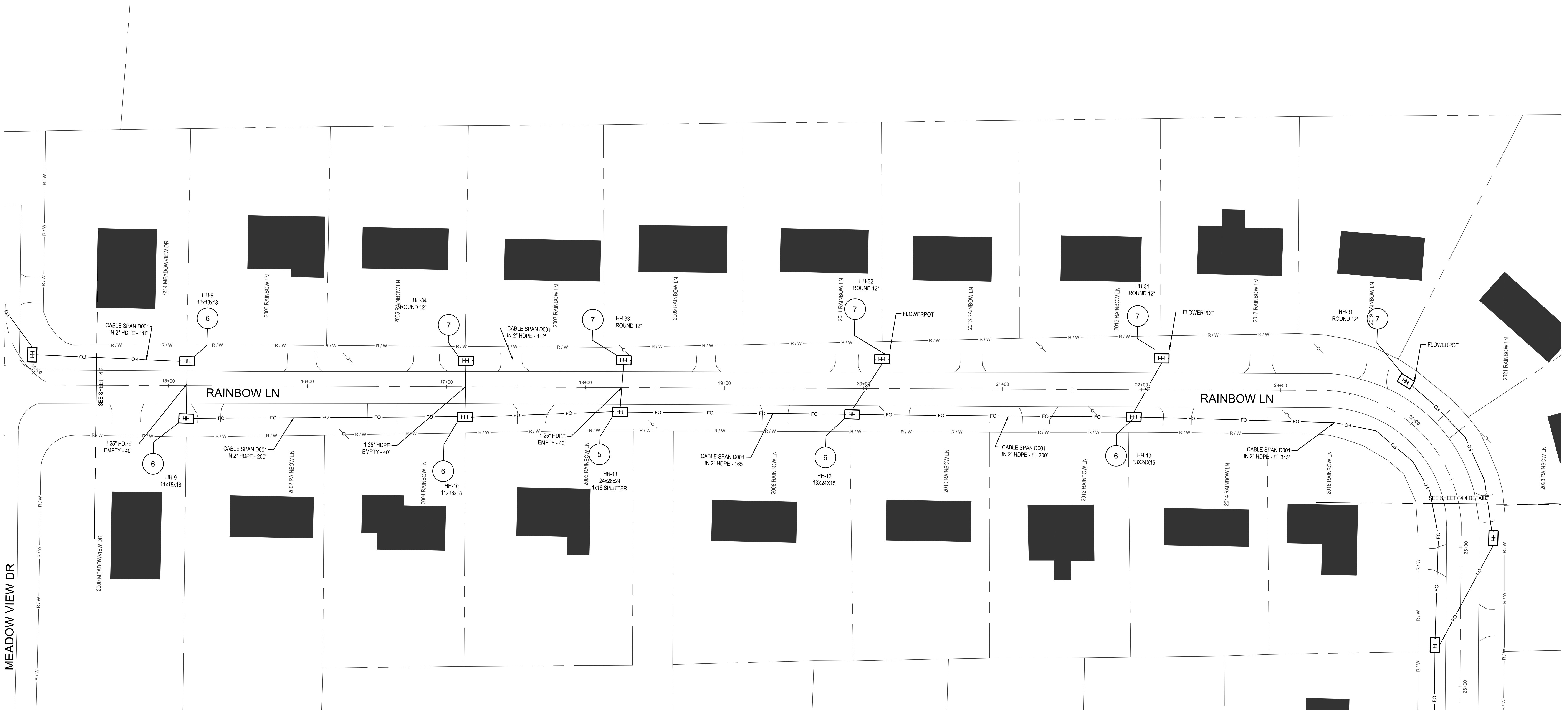
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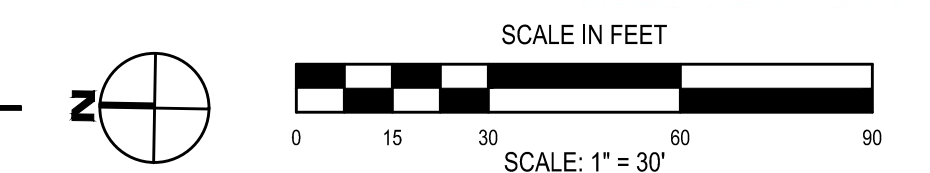
RAINBOW LANE FIBER OPTIC SITE PLAN - AREA T4.3
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T4.3
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICE CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPICE TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
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 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 RAINBOW LANE - FIBER OPTIC SITE PLAN
 SCALE: 1" = 30'





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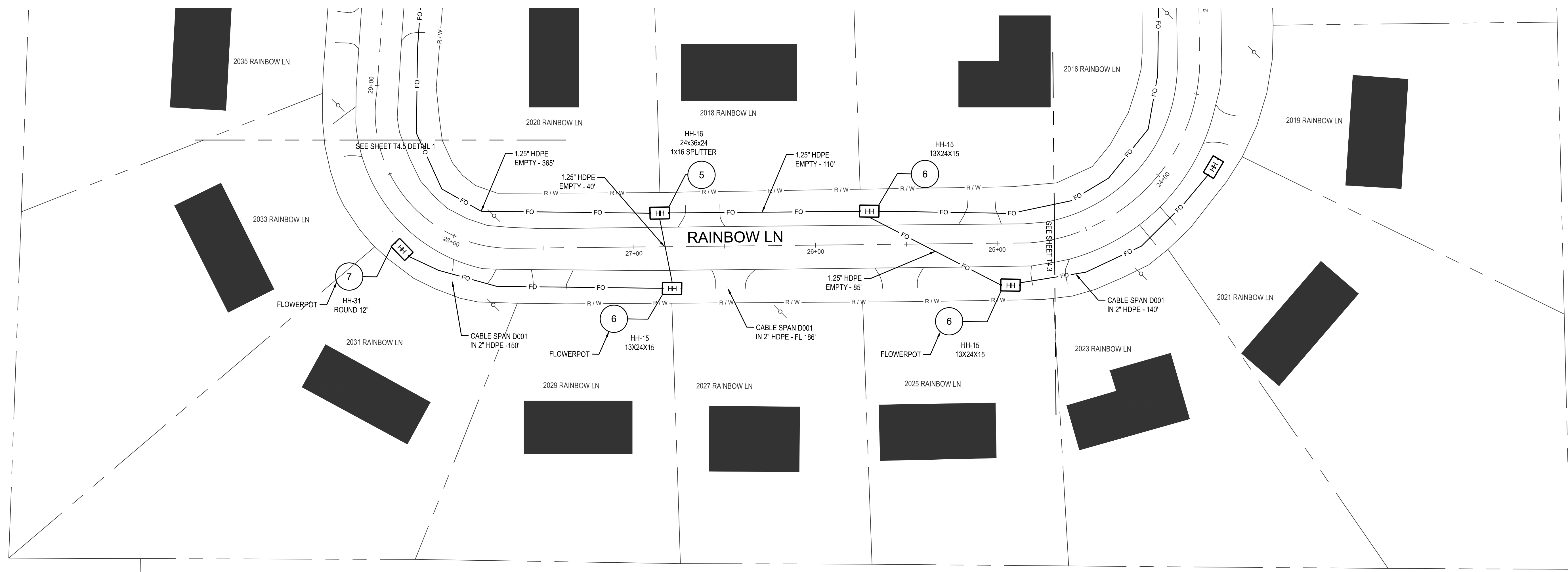
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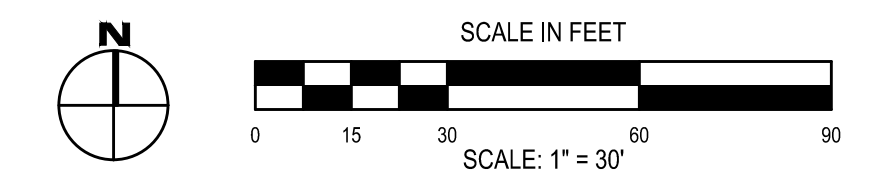
RAINBOW LANE FIBER OPTIC SITE PLAN - AREA T4.4
VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
EMPIRE ACCESS
 LIMA, NY

T4.4
 PROJECT NO. 3326-008

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 236 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPICE TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
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 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 236 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
 - UNMARKED ELECTRICAL UTILITY POLE LOCATED ON THE CORNER OF MICHIGAN AVE. AND RAINBOW LN. BEGINNING 6' ABOVE GRADE, PROVIDE A RISER, CONSISTING OF 2" INNERDUCT FASTENED TO THE UTILITY POLE OPPOSITE THE FLOW OF TRAFFIC AND PROTECTED BY A U-GUARD. THE INNERDUCT WILL BE THE TRANSITION POINT AT WHICH THE FIBER OPTIC CABLE WILL GO FROM AERIAL TO UNDERGROUND TO A DEPTH OF APPROXIMATELY 36" BELOW GRADE, DEPENDING ON THE LOCATION MARKINGS OF EXISTING UTILITIES. ANY DEVIATION TO THE DEPTH OR LOCATION SHOWN ON THE DRAWINGS RESULTING FROM THE FIELD LOCATION OF EXISTING UTILITIES, WILL BE PROVIDED TO THE VILLAGE FOR REVIEW AND IF ACCEPTED, WILL BE CAPTURED ON AS-BUILT DRAWINGS DURING THE CLOSEOUT PROCESS.
 - NEW HANDHOLE, RING CUT CABLE SPAN D001 AND SPICE THE NEXT AVAILABLE FIBER TO A 1X16 SPLITTER. SPLICE ALL 16 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL DIGITAL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 12" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 RAINBOW LANE - FIBER OPTIC SITE PLAN
 SCALE: 1" = 30'





DRAWN BY: TPB
 CHECKED BY: RC
 DATE: 08/12/2023
 PHASE:

#	DATE	DESCRIPTION OF REVISION
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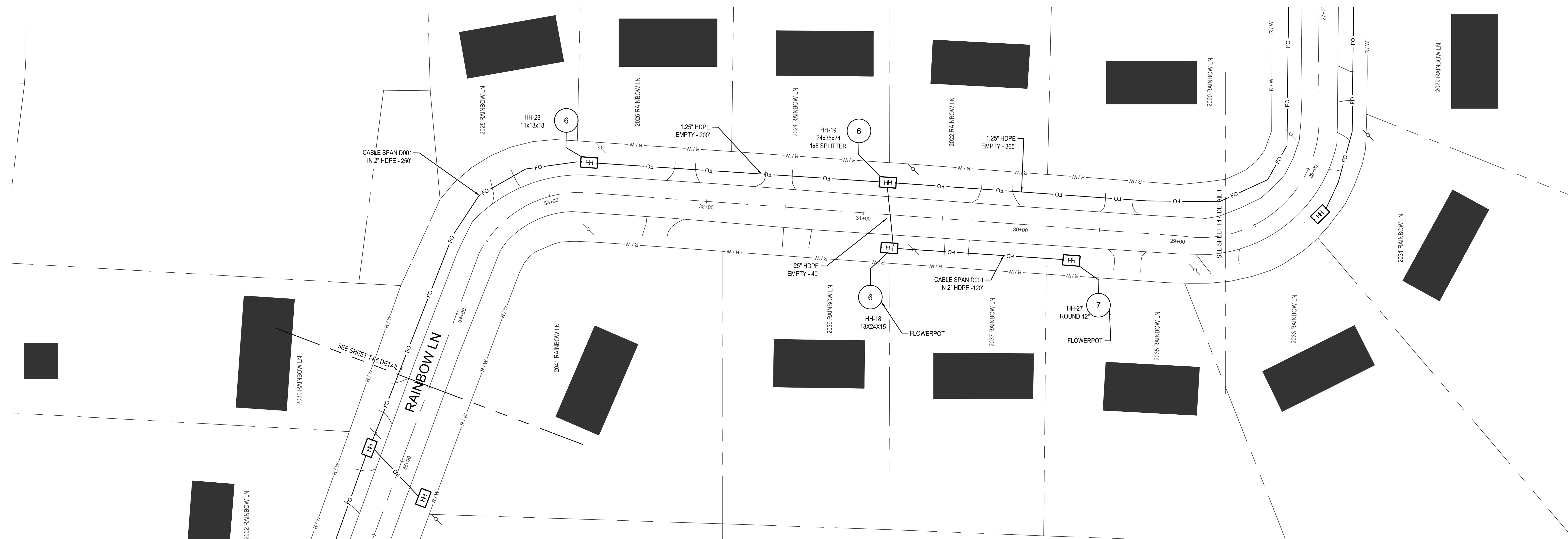
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 NY CERTIFICATE NO. 001629 PA CERTIFICATE NO. TSC2203131464-1

RAINBOW LANE FIBER OPTIC SITE PLAN - AREA T4.5
 VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
 EMPIRE ACCESS
 LIMA, NY

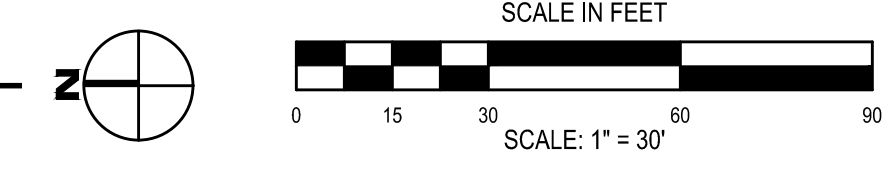
T4.5
 PROJECT NO. 3326-008

TECHNOLOGY NOTES:

- ELECTRICAL UTILITY POLE 236 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICING CLOSURE (FOSC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPICE TRAY PER MANUFACTURERS REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS RECOMMENDED METHOD AND PRESSURE.
- ALL SPLICING OF FIBER SHALL BE FUSION SPLICING ONLY. WITHIN EXISTING FOSC, SPLICE FIBERS 1-12 OF THE NEW FIBER OPTIC CABLE SPAN LABELED D001 TO EXISTING FIBER OPTIC CABLE LOCATED AT ELECTRIC UTILITY POLE 236 WITHIN THE EXISTING FOSC.
- AERIAL CROSSING FROM ELECTRIC UTILITY POLE 236 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
- UNMARKED ELECTRICAL UTILITY POLE LOCATED ON THE CORNER OF MICHIGAN AVE, AND RAINBOW LN, BEGINNING 6' ABOVE GRADE, PROVIDE A RISER, CONSISTING OF 2" INNERDUCT FASTENED TO THE UTILITY POLE OPPOSITE THE FLOW OF TRAFFIC AND PROTECTED BY A U-GUARD. THE INNERDUCT WILL BE THE TRANSITION POINT AT WHICH THE FIBER OPTIC CABLE WILL GO FROM AERIAL TO UNDERGROUND TO A DEPTH OF APPROXIMATELY 36" BELOW GRADE, DEPENDING ON THE LOCATION MARKINGS OF EXISTING UTILITIES. ANY DEVIATION TO THE DEPTH OR LOCATION SHOWN ON THE DRAWINGS RESULTING FROM THE FIELD LOCATION OF EXISTING UTILITIES, WILL BE PROVIDED TO THE VILLAGE FOR REVIEW AND IF ACCEPTED, WILL BE CAPTURED ON AS-BUILT DRAWINGS DURING THE CLOSEOUT PROCESS.
- NEW HANDHOLE, RING CUT CABLE SPAN D001 AND SPLICE THE NEXT AVAILABLE FIBER TO A 1X16 SPLITTER. SPLICE ALL 16 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
- HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
- ROUND 12" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 RAINBOW LANE - FIBER OPTIC SITE PLAN
 SCALE: 1" = 30'

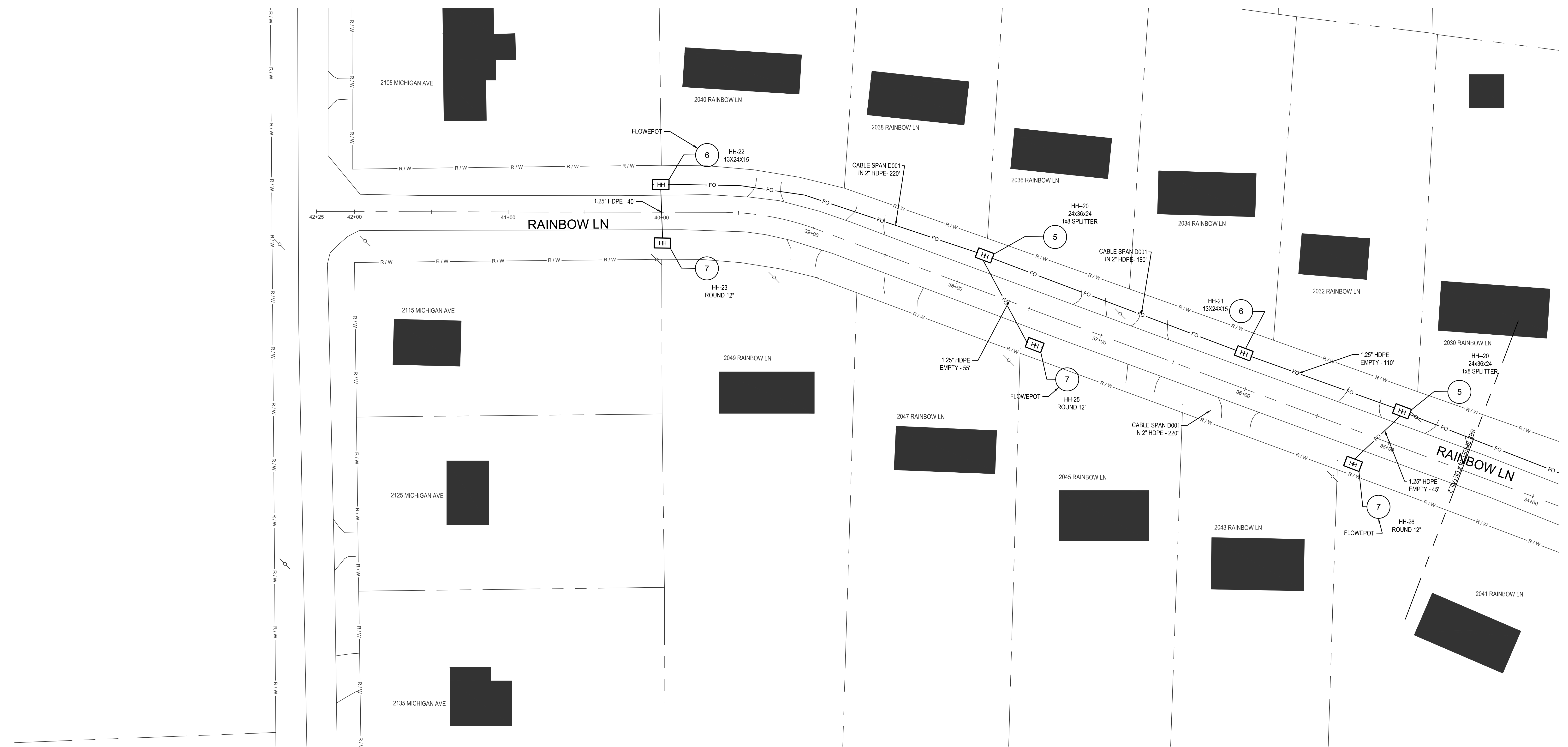




DRAWN BY: TPE
 CHECKED BY: RC
 DATE: 08/12/2023
 PHASE:

NO.	DATE	DESCRIPTION OF REVISION
1	08/12/2023	

- TECHNOLOGY NOTES:
- ELECTRICAL UTILITY POLE 238 - ORIGIN OF FIBER TO FEED RAINBOW LANE. IDENTIFY THE AERIAL STRAND LABELED "EMPIRE ACCESS" AND COORDINATE ACCESS TO THE EXISTING FIBER OPTIC SPLICE CLOSURE (FOC). SEAT CABLE, BUFFER TUBES AND INDIVIDUAL FIBERS WITHIN THE CLOSURE/SPICE TRAY PER MANUFACTURERS' REQUIREMENTS. PRIOR TO FINALIZING WORK IN THE FOSC, PRESSURIZE THE CLOSURE PER THE MANUFACTURERS' RECOMMENDED METHOD AND PRESSURE.
 - ALL SPLICING OF FIBER SHALL BE FUSION SPLICING ONLY. WITHIN EXISTING FOSC, SPLICE FIBERS 1-1/2 OF THE NEW FIBER OPTIC CABLE SPAN LABELED D001 TO EXISTING FIBER OPTIC CABLE LOCATED AT ELECTRIC UTILITY POLE 238 WITHIN THE EXISTING FOSC.
 - AERIAL CROSSING FROM ELECTRIC UTILITY POLE 238 TO UNMARKED POLE LOCATED ON THE CORNER OF MICHIGAN AVE AND RAINBOW LANE. THE AERIAL SPAN DISTANCE IS APPROXIMATELY 55' AND SHALL MAINTAIN A MINIMUM 18'-6" HEIGHT AT THE MID-SPAN CROSSING OF MICHIGAN AVE.
 - UNMARKED ELECTRICAL UTILITY POLE LOCATED ON THE CORNER OF MICHIGAN AVE, AND RAINBOW LN, BEGINNING 6' ABOVE GRADE, PROVIDE A RISER, CONSISTING OF 2" INNERDUCT FASTENED TO THE UTILITY POLE OPPOSITE THE FLOW OF TRAFFIC AND PROTECTED BY A U-GUARD. THE INNERDUCT WILL BE THE TRANSITION POINT AT WHICH THE FIBER OPTIC CABLE WILL GO FROM AERIAL TO UNDERGROUND TO A DEPTH OF APPROXIMATELY 36" BELOW GRADE, DEPENDING ON THE LOCATION MARKINGS OF EXISTING UTILITIES. ANY DEVIATION TO THE DEPTH OR LOCATION SHOWN ON THE DRAWINGS RESULTING FROM THE FIELD LOCATION OF EXISTING UTILITIES, WILL BE PROVIDED TO THE VILLAGE FOR REVIEW AND IF ACCEPTED, WILL BE CAPTURED ON AS-BUILT DRAWINGS DURING THE CLOSEOUT PROCESS.
 - NEW HANDHOLE, RING CUT CABLE SPAN D001 AND SPICE THE NEXT AVAILABLE FIBER TO A 1X1/8 SPLITTER. SPLICE ALL 1/8 OUTGOING SPLITTER FIBERS TO THE MULTI-PORT TERMINAL PIGTAIL LOCATED IN THE CLOSURE.
 - HANDHOLE TO PROVIDE ACCESS AND PATHWAY FOR A FUTURE DROP CABLE INSTALLATION.
 - ROUND 1/2" HDPE HANDHOLE FED BY A SINGLE 1.25" HDPE INNERDUCT FOR DROP CABLE ACCESS.



1 RAINBOW LANE - FIBER OPTIC SITE PLAN
 SCALE: 1" = 30'



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RAINBOW LANE FIBER OPTIC SITE PLAN - AREA T4.6
 VILLAGE OF LIMA NBRC UNDERGROUND FIBER OPTIC UTILITY PLAN
 EMPIRE ACCESS
 LIMA, NY

T4.6
 PROJECT NO. 3326-008