

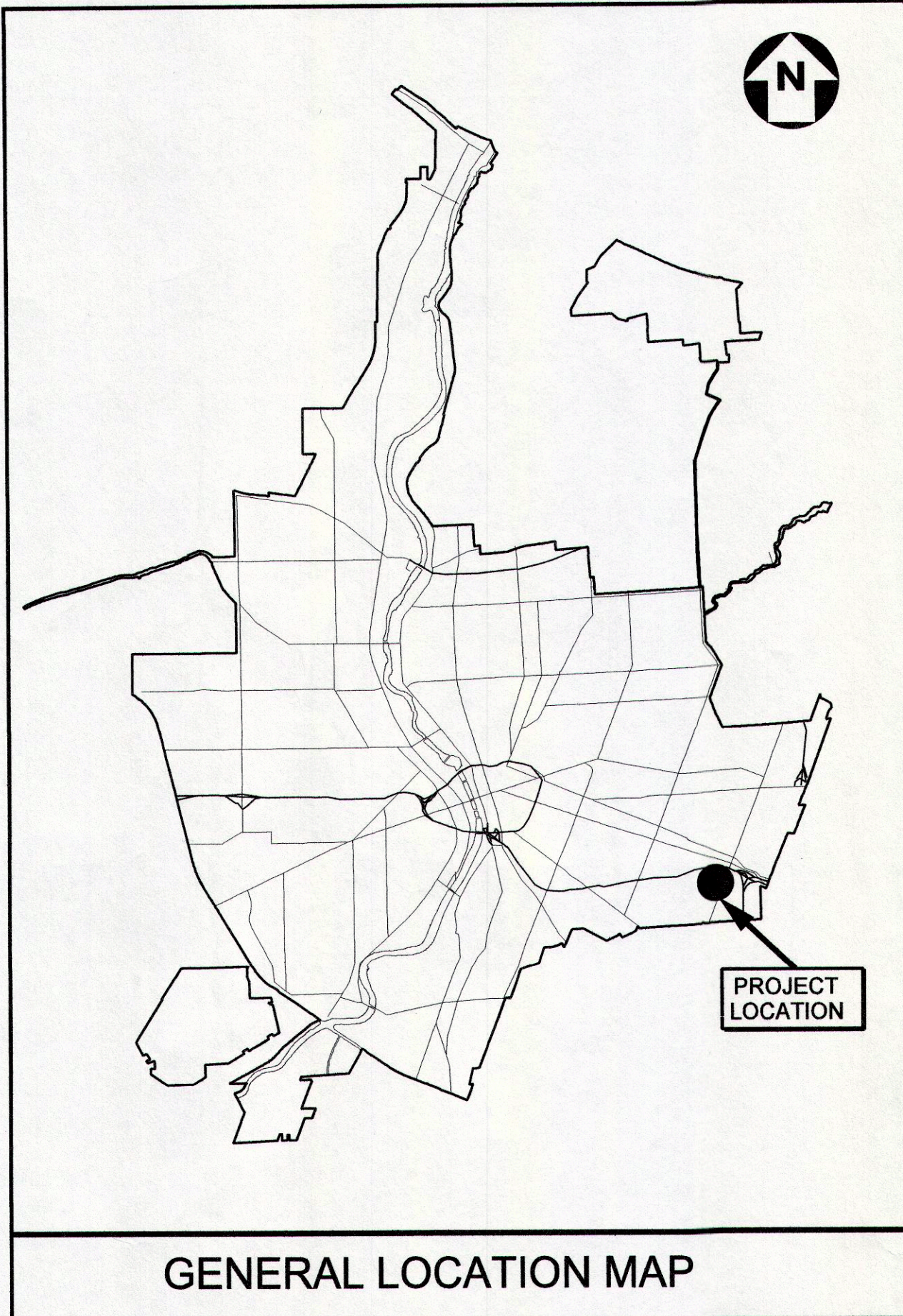
CITY OF ROCHESTER, NEW YORK  
DEPARTMENT OF ENVIRONMENTAL SERVICES



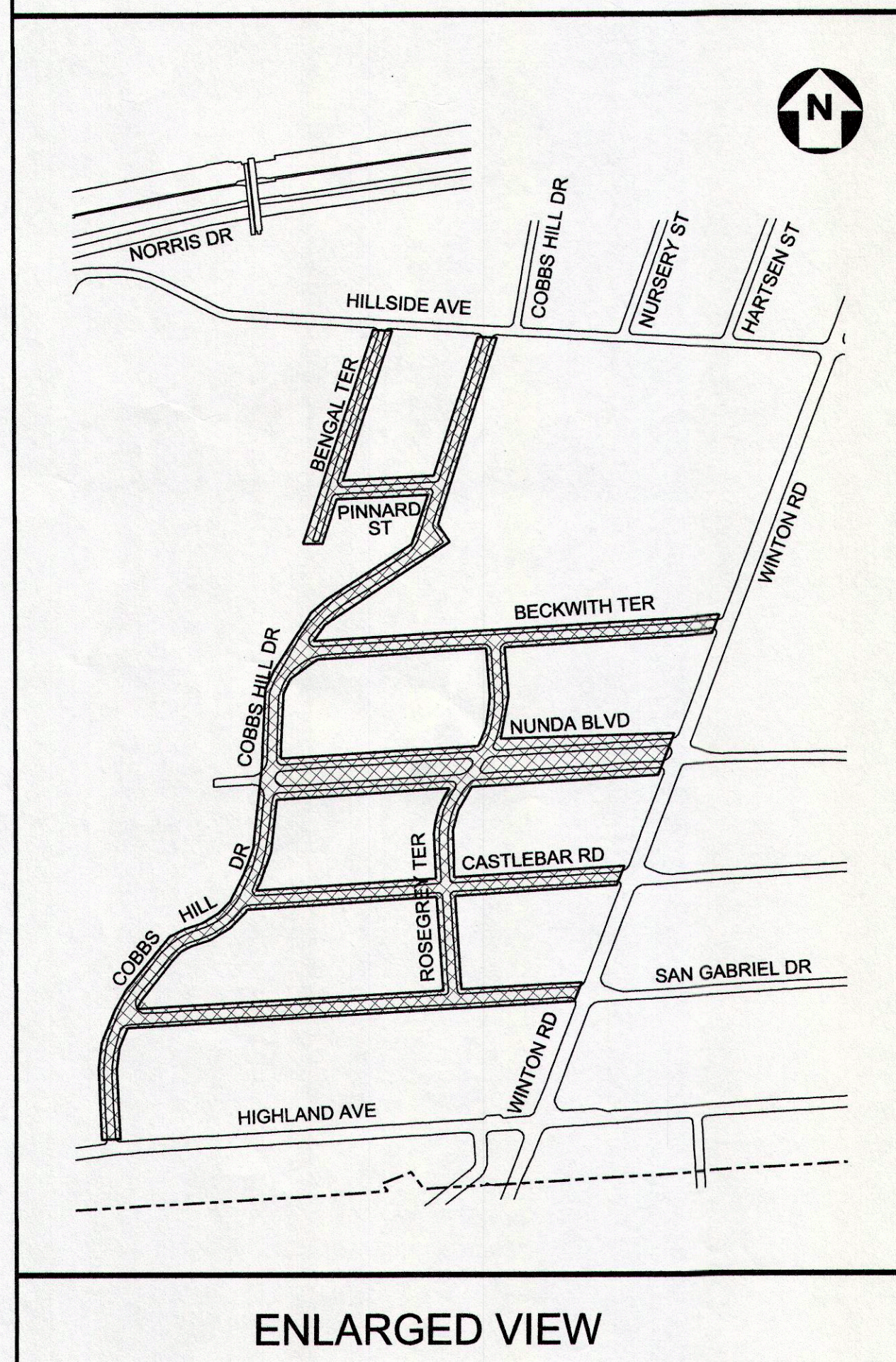
STREET IMPROVEMENT PROGRAM

# COBBS HILL\NUNDA NEIGHBORHOOD STREET LIGHTING

COBBS HILL NUNDA BLVD  
LIGHTING DISTRICT  
PN 15105



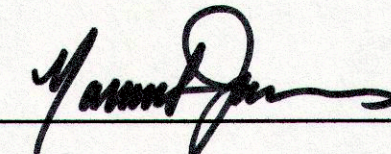
GENERAL LOCATION MAP



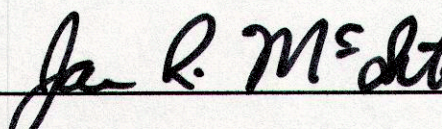
ENLARGED VIEW

COBBS HILL DR	(HIGHLAND AV - HILLSIDE AV)
BENGAL TER	(SOUTH END - HILLSIDE AV)
ROSEGREY TER	(SAN GABRIEL DR - BECKWITH TER)
SAN GABRIEL DR	(COBBS HILL DR - WINTON RD)
CASTLEBAR RD	(COBBS HILL DR - WINTON RD)
NUNDA BLVD	(COBBS HILL DR - WINTON RD)
BECKWITH TER	(COBBS HILL DR - WINTON RD)
PINNARD ST	(BENGAL TER - COBBS HILL DR)

PN 15105

  
NORMAN H. JONES  
COMMISSIONER DEPARTMENT  
OF ENVIRONMENTAL SERVICES  
CITY OF ROCHESTER

3/12/15  
DATE

  
JAMES R. M. INTOSH, P.E.  
CITY ENGINEER  
CITY OF ROCHESTER

3/12/15  
DATE



## GENERAL

1. CONTRACTOR IS TO FOLLOW ALL PROVISIONS OF CITY OF ROCHESTER STANDARD SPECIFICATIONS, EXCEPT FOR THOSE AS REVISED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS. REVISED SPECIFICATION PROVIDED IN SUPPLEMENTARY SPECIFICATION SECTION OF CONTRACT DOCUMENTS SUPERSEDES APPROPRIATE STANDARD SPECIFICATION.
2. CONTRACTOR IS TO USE CITY OF ROCHESTER STANDARD DETAILS, EXCEPT FOR THOSE PROVIDED IN CONTRACT DRAWINGS. DETAILS PROVIDED IN CONTRACT DRAWINGS SUPERSEDE APPROPRIATE STANDARD DETAILS.
3. CONTRACTOR IS TO OBTAIN WORK RELEASES FROM RESPECTIVE PROPERTY OWNER WHERE WORK IS TO BE PERFORMED OUTSIDE OF PUBLIC RIGHT-OF-WAY, AND ON PRIVATELY OWNED PROPERTY. COPY OF SUCH WORK RELEASE IS TO BE FILED WITH PROJECT MANAGER.
4. LOCATIONS OF EXISTING UTILITIES BOTH ABOVE GROUND AND BELOW GROUND THAT ARE SHOWN IN CONTRACT DRAWINGS ARE APPROXIMATE ONLY, AND ARE NOT GUARANTEED TO BE ACCURATE OR COMPLETE. ALL EXISTING UTILITIES SHOWN WERE PLOTTED FROM FIELD SURFACE SURVEY DATA AND IN CONJUNCTION WITH RECORD MAPPING PROVIDED BY RESPECTIVE UTILITY COMPANY. BEFORE COMMENCING ANY WORK, IT IS RESPONSIBILITY OF CONTRACTOR TO HAVE LOCATION OF ALL EXISTING UTILITIES LOCATED WITHIN WORK AREA VERIFIED BY RESPECTIVE UTILITY COMPANY. CONTRACTOR IS TO REQUEST UTILITY STAKE OUT MINIMUM OF 48 HOURS IN ADVANCE OF COMMENCING ANY WORK, BY CALLING DIG SAFELY NEW YORK, UPO# AT 811.
5. ALL RIGHT-OF-WAY MONUMENTS AND PROPERTY CORNERS ARE TO BE PROTECTED, SAFEGUARDED AND PRESERVED. ALL RIGHT-OF-WAY MONUMENTS OR PROPERTY CORNERS THAT ARE DISTURBED BY CONTRACTOR'S OPERATIONS DURING CONSTRUCTION OF PROJECT ARE TO BE REPLACED BY NYS LICENSED SURVEYOR, AT CONTRACTOR'S EXPENSE.
6. SAW CUTS MADE IN ROADWAY ARE TO BE FULL DEPTH, WITH ALL OTHER SAW CUTS BEING MINIMUM OF 2 INCHES IN DEPTH. SAW CUTS WILL BE PAID FOR UNDER SECTION R622 SAW CUTTING, OR INCLUDED IN RESPECTIVE WORK RELATED ITEM, AS INDICATED IN CONTRACT DOCUMENTS. ALL SAW CUTS ARE TO BE SEALED WITH AN ASPHALT FILLER PER NYS DOT MATERIAL DESIGNATION 702-6500 OR 702-3401. COST OF WHICH IS TO BE INCLUDED IN UNIT PRICE FOR RESPECTIVE WORK RELATED ITEM.
7. FOR TEMPORARY PAVEMENT PLACEMENT DURING WINTER SEASON (NOVEMBER 1st THRU APRIL 14th), IF HOT MIX ASPHALT MATERIAL, IS NOT AVAILABLE FOR CONSTRUCTING TEMPORARY PAVEMENT SECTION, CONTRACTOR IS TO USE CLASS 'C' CONCRETE. IF PROJECT CALLS FOR USING ASPHALT TEMPORARY PAVEMENT SECTION AND PROJECT EXTENDS INTO WINTER SEASON, CONTRACTOR WILL BE REQUIRED TO USE TEMPORARY PAVEMENT SECTION CONSISTING OF CONCRETE REGARDLESS OF WHICH ITEM HAS BEEN BID FOR WORK. CONCRETE SECTION IS TO BE 4 INCHES THICK FOR STREETS DESIGNATED AS ARTERIAL AND COLLECTOR STREETS, AND 3 INCHES THICK FOR STREETS DESIGNATED AS LOCAL RESIDENTIAL STREETS AND FOR ALLEYS. CONCRETE IS TO BE BROOM FINISHED.
8. SIDEWALK ACCESS RAMPS ARE TO BE LOCATED AND OF TYPE SHOWN IN CONTRACT DRAWINGS. HEADER CURB FOR SIDEWALK ACCESS RAMPS IS TO BE 5 FEET IN LENGTH, WITH TRANSITION CURBS BEING FROM MINIMUM OF 3 TO A MAXIMUM OF 7 FEET IN LENGTH.
9. WHERE NEW SIDEWALK IS TO BE CONSTRUCTED ADJACENT TO OTHER PAVED AREAS, MINIMUM OF 2 FEET OF ADJACENT PAVED AREA IS TO BE REPLACED IN KIND.
10. EXISTING PAVED AREAS THAT ARE NO LONGER NEEDED ARE TO BE REMOVED, BY EXCAVATING TO DEPTH THAT IS SUFFICIENT TO REMOVE EXISTING PAVEMENT MATERIAL, BACKFILL EXCAVATED AREA TO WITHIN 4 INCHES OF FINISHED GRADE WITH SELECT BACKFILL MATERIAL EXCAVATED FROM PROJECT SITE. PLACE 4 INCHES TOPSOIL, FINISH GRADE AREA AND HYDROSEED, PER SECTIONS S610 LANDSCAPE, S613 TOPSOIL, AND NYS DOT SECTION 203 EXCAVATION AND EMBANKMENT.
11. CONTRACTOR MUST CONTACT MCDOT DISPATCHER AT (585) 753-7750 MINIMUM OF 5 WORKING DAYS PRIOR TO REMOVING OR RESETING ANY TRAFFIC AND PARKING REGULATION SIGNS.

## FORESTRY

1. CONTRACTOR IS TO BE AWARE OF AND FAMILIAR WITH REQUIREMENTS OF SECTIONS 89-9 TREES AND 89-12 PENALTIES OF CITY CODE AS THEY WILL BE STRICTLY ADHERED TO. CITY CODE CAN BE FOUND ON CITY OF ROCHESTER'S WEB SITE AT [http://www.cityofrochester.gov/services/Moss\\_under\\_CITY\\_CHARTER\\_and\\_CODE ONLINE](http://www.cityofrochester.gov/services/Moss_under_CITY_CHARTER_and_CODE ONLINE).
2. CONTRACTOR IS TO PROVIDE PROTECTION FOR ALL EXISTING TREES WITHIN PROJECT LIMITS THROUGHOUT COURSE OF PROJECT, TO MINIMIZE AS MUCH AS POSSIBLE ANY DAMAGE FROM OCCURRING TO EXISTING TREES AS RESULT OF CONTRACTOR'S OPERATIONS. TREE PROTECTION IS TO CONSIST OF ORANGE CONSTRUCTION SAFETY FENCING OR WOOD RAILS PLACED AROUND AND COMPLETELY ENCOMPASSING EACH EXISTING TREE, AND IS TO BE IN PLACE BEFORE ANY WORK IS STARTED. PER SECTION 8917 TREE PROTECTION AND CONTRACT DOCUMENTS.
3. OVERALL EXISTING TREE ROOT SYSTEM MUST REMAIN STRUCTURALLY ADEQUATE FOR EXISTING TREE TO WITHSTAND HEAVY WINDSTORMS. IN AREAS OF CURB/CONCRETE GUTTER/PAVEMENT WORK, ANY EXISTING TREE ROOTS THAT ARE 2 INCHES OR LARGER IN DIAMETER AND ARE IN CONFLICT WITH SUCH WORK, MUST BE INSPECTED BY CITY FORESTRY BEFORE CUTTING CAN OCCUR. CONTRACTOR MUST CONTACT CITY FORESTRY AT (585) 428-7561 TO MAKE ARRANGEMENTS FOR SUCH INSPECTION. EXISTING TREE ROOTS THAT ARE SMALLER THAN 2 INCHES IN DIAMETER, ARE TO BE CUT CLEANLY WITH SHARP IMPLEMENTS.
4. IN AREAS OF SIDEWALK CONSTRUCTION, EXISTING TREE ROOTS THAT ARE LOCATED UNDER AREA OF SIDEWALK CONSTRUCTION ARE NOT TO BE CUT. IF ANY OF EXISTING TREE ROOTS ARE 2 INCHES OR LARGER IN DIAMETER, SUBBASE COURSE MATERIAL IS NOT TO BE INSTALLED WITHIN 1 FOOT OF EXISTING TREE ROOT(S), AND CONCRETE IS TO BE POURED OVER EXISTING TREE ROOT(S).
5. IN AREAS OF DRIVEWAY, DRIVEWAY APPROACHES AND SIDEWALK ACCESS RAMP CONSTRUCTION, EXISTING TREE ROOTS ARE NOT TO BE CUT BY MEANS OF MECHANICAL TREE ROOT CUTTING MACHINES. IF ANY OF EXISTING TREE ROOTS MUST BE CUT, THEY ARE TO BE CUT MANUALLY WITH SHARP IMPLEMENTS.
6. IN AREAS WHERE EXISTING TREE ROOTS BECOME EXPOSED BY CONSTRUCTION ACTIVITIES, THEY ARE TO BE COVERED WITH MULCH, TOPSOIL OR MOISTENED BURLAP, AND WATERED STARTING IMMEDIATELY AFTER EXPOSURE AND CONTINUING UNTIL EXCAVATED AREA IS RESTORED.
7. IF HEAVY EQUIPMENT MUST BE DRIVEN ON TREE LAWN AREA OVER TREE ROOT ZONE, PLYWOOD MUST BE PLACED ON GROUND/TREE LAWN AREA SO AS TO DISPERSE COMPACTION AND PREVENT SOIL RUTTING. NO EQUIPMENT OR MATERIALS ARE TO BE STORED OVER TREE ROOT ZONE.

# MONROE COUNTY PURE WATERS

1. CONTRACTOR IS TO CONSTRUCT ALL SEWER APPURTENANCES (MAIN SEWER, LATERAL, CATCH BASINS AND MANHOLES) IN CONFORMANCE WITH SPECIFICATIONS OF ROCHESTER PURE WATERS DISTRICT. ANY NEW PORTION OF CATCH BASIN LATERAL INSTALLED WITHIN PUBLIC R.O.W. MUST BE SDR-21 PVC CONFORMING TO ASTM D-2241. JOINTS ON HORIZONTAL PORTIONS AND BENDS ARE TO BE PUSH-ON NEOPRENE GASKETS. GLUED OR CHEMICALLY WELDED JOINTS WILL NOT BE ACCEPTABLE. ANY DEDICATED MAINLINE SEWER PIPE AND ASSOCIATED FITTINGS INSTALLED AS PART OF CITY STREET PROJECT MUST BE SDR-35 PVC CONFORMING TO ASTM D-3034.
2. CONTRACTOR IS TO TAKE APPROPRIATE MEASURES TO PREVENT DIRT, DEBRIS AND CONSTRUCTION MATERIALS FROM ENTERING SEWER APPURTENANCES (SEWER MAIN, LATERAL, CATCH BASINS AND MANHOLES) DURING CONSTRUCTION OF PROJECT.
3. RPWD WILL LOCATE AND MARK EXISTING LATERSALS AT REQUEST OF CONTRACTOR. RPWD IS ONLY ABLE TO MARK WEYCE LOCATION AT MAIN SEWER, AND CANNOT VERIFY LOCATION OF LATERAL BACK TO R.O.W. CONTRACTOR MAY REQUEST LATERAL STAKEOUT BY CONTACTING MCPW DEVELOPMENT REVIEW OFFICE AT (585) 753-7600, OPTION 5.
4. RPWD IS TO BE NOTIFIED IMMEDIATELY IN EVENT OF ANY DAMAGE TO SEWER APPURTENANCES BY CALLING (585) 753-7600, OPTION 1. ALL REPAIRS ARE TO BE PERFORMED IN PRESENCE OF REPRESENTATIVE OF RPWD, AND ARE TO BE MADE AS PER RPWD SPECIFICATIONS.
5. IN EVENT THAT EXISTING SEWER MAINS OR LATERAL PIPES ARE BROKEN DURING EXCAVATION, ANY AND ALL REPAIRS MUST BE EXTENDED LINEARLY, INTRODUCING NEW BENDS IN PIPE WILL NOT BE PERMITTED, ALL 5 INCH INSIDE DIAMETER LATERAL PIPE MUST BE REPAIRED USING 5 INCH SERVICE WEIGHT CAST IRON PIPE AND FERNCO COUPLERS, CONTRACTOR MAY BE PERMITTED TO USE OAKUM AND EPOXY MORTAR TO CONNECT NEW PVC PIPE TO AN EXISTING BELL THAT IS IN GOOD CONDITION.
6. STONE BEDDING MATERIAL USED FOR SEWER MAIN AND LATERAL PIPE REPAIRS IS TO BE CLASS B CONSISTING OF #1 AND #2 WASHED STONE AT MINIMUM OF 5 INCH DEPTH.
7. WHEN NEW MANHOLE FRAMES AND COVERS ARE REQUIRED BY CONTRACT, CONTRACTOR WILL REPLACE EXISTING SEWER MANHOLE FRAMES AND COVERS (AS PER CONTRACT) WITH NEW 9 INCH FRAMES AND COVERS. CONTRACTOR WILL BE RESPONSIBLE FOR PURCHASING AND DELIVERY OF FRAMES AND COVERS, FRAMES AND COVERS WILL MEET RPWD SPECIFICATIONS (A.S.T.M. A48 (LATEST REVISION) CLASS 30B). CONTRACTOR IS TO ADD REMOVE ADDITIONAL COURSES OF BRICK/BLOCK ASIF REQUIRED TO RETROFIT NEW FRAMES ONTO EXISTING MANHOLE STRUCTURES AT REQUIRED FINISHED GRADE.
8. WHERE AN EXISTING CATCH BASIN IS TO BE REMOVED, ALL PORTIONS OF CATCH BASIN WALLS AND FOUNDATION ARE TO BE REMOVED AND EXISTING LATERAL ABANDONED AS PER RPWD SPECIFICATIONS.
9. ALL REMOVED SEWER MANHOLE FRAMES AND COVERS AND CATCH BASIN GRATES, ACCESS COVERS AND CAPSTONES ARE PROPERTY OF ROCHESTER PURE WATERS DISTRICT. RETURN ITEMS TO MCPW FLEET CENTER 145 PAUL ROAD, ROCHESTER, NEW YORK, MONDAY THROUGH FRIDAY BETWEEN 8:00AM AND 3:00PM AT NO COST TO OWNER.
10. CONTRACTOR IS TO NOTIFY MCPW BY CALLING (585) 753-7600, OPTION 5, MINIMUM OF 48 HOURS IN ADVANCE WHEN PLANNING ON WORKING ADJACENT TO EXISTING MC FIBER OPTIC FACILITIES.

**MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH STANDARD WATER MAIN EXTENSION**

1. THE WATER MAIN AND TEMPORARY BYPASS PIPE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS, DESIGNATION C651, BY USING THE CONTINUOUS DEW METHOD. FOLLOWING DISINFECTION, THE WATER MAIN AND BYPASS PIPE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAINS IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. THE INTERIOR OF ALL WATER MAIN PIPE, VALVES, FITTINGS AND SERVICES 4 INCHES AND LARGER, INCLUDING NEW HYDRANT BRANCHES CONNECTED TO EXISTING WATER MAINS, NOT RECEIVING 24 HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SPRAY OR SWAB DISINFECTED WITH A MINIMUM 1% - 5% SOLUTION OF CHLORINE NO MORE THAN 30 MINUTES PRIOR TO INSTALLATION. ADDITIONALLY, THE EXTERIOR SURFACES OF EXISTING PIPE AND FITTINGS THAT NEW PIPE AND FITTINGS WILL BE CONNECTED TO MUST BE THOROUGHLY CLEANED AND DISINFECTED. THE MAXIMUM DISTANCE BETWEEN DISINFECTIONS/SAMPLING TAPS ON NEW WATER MAIN AND BYPASS PIPE SHALL BE 1,000 FEET. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH (MCDPH) MUST RECEIVE AT LEAST 48 HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. THE CONTRACTOR SHALL CALL (585) 753-6057 TO ARRANGE FOR SAMPLING SERVICES AND IS RESPONSIBLE FOR PAYING ALL MCDPH SAMPLING FEES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL ENGINEER, OR A NEW YORK STATE LICENSED OR REGISTERED ENVIRONMENTAL ENGINEER, OF AN EXERCISE UNDER THE EDUCATION LAW CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E.COLI) AND TURBIDITY. THE WATER MAIN AND BYPASS PIPE SHALL NOT BE PLACED IN SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
2. UNLESS OTHERWISE NOTED OR SHOWN ON THE APPROVED PLANS, THE MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER PIPE LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACT SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND DEFORMATION OF THE SEWER. THE MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.
3. WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN 7 FEET OF FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
4. THE NEW WATER MAIN SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600 (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER. FOR CITY OF ROCHESTER WATER MAINS, PRESSURE/LEAKAGE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SUBSECTION 3.05 OF CITY OF ROCHESTER WATER BUREAU SPECIFICATION S900 - GENERAL WATER PROVISIONS.

## WATER MAIN AND WATER SERVICE

1. ROCHESTER WATER BUREAU REQUIRES THAT HYDRANT USE PERMIT BE OBTAINED BY CONTRACTOR PRIOR TO USING ANY HYDRANT AS SOURCE OF WATER SUPPLY. PERMIT REQUIRES USE OF WATER METER AND BACKFLOW PREVENTER. WATER BUREAU WILL SUPPLY WATER METER AND BACKFLOW PREVENTER WITH PERMIT. PERMIT FEE INCLUDES REFUNDABLE DEPOSIT FOR USE OF WATER METER AND BACKFLOW PREVENTER.
2. CONTRACTOR IS TO EXERCISE CAUTION WHEN WORKING NEAR WATER MAINS WHICH ARE TO BE RETAINED. NO VIBRATORY EQUIPMENT IS TO BE USED OVER OR ADJACENT TO EXISTING WATER MAINS.
3. FOR ALL ABANDONED WATER MAIN AND HYDRANT BRANCHES, CONTRACTOR IS TO PLUG ALL CUT AND OPEN ENDS WITH 12 INCHES OF CONCRETE. CONTRACTOR IS TO LEAVE ABANDONED WATER MAIN LINE, HYDRANT BRANCH AND SERVICE VALVES IN CLOSED POSITION.
4. ALL NEW WATER MAINS ARE TO BE INSTALLED WITH MINIMUM COVER DEPTH FROM PROPOSED FINISHED GRADE OF 4.5 FEET FOR DOMESTIC WATER MAINS, AND 5 FEET FOR HOLLY WATER MAINS.
5. ALL NEW DUCTILE IRON WATER MAIN IS TO BE INSTALLED WITH POLYETHYLENE ENCASEMENT, AND MAY REQUIRE INSTALLATION OF CATHODIC PROTECTION ANODES, AS SHOWN ON PLANS OR AS DIRECTED BY PROJECT MANAGER.
6. APPROPRIATE MEASURES ARE TO BE TAKEN TO PREVENT DIRT, DEBRIS, SURFACE AND GROUND WATER FROM CONTAMINATING WATER MAIN. WATER LEVEL IN EXCAVATION AT OPEN WATER PIPE ENDS IS NEVER TO BE LESS THAN 12 INCHES BELOW INVERT OF WATER MAIN. WHENEVER AN OPEN WATER PIPE END IS LEFT UNATTENDED, IT IS TO BE COVERED IN WATER TIGHT MANNER.
7. TRACER WIRE IS REQUIRED ON ALL BURIED NON-METALLIC WATER MAINS AND WATER SERVICES.
8. FOR EXISTING WATER VALVES AND CURB STOPS THAT ARE LOCATED ON WATER MAINS AND WATER SERVICES WHICH ARE TO BE RETAINED, EXISTING WATER VALVE AND CURB BOXES ARE TO BE ADJUSTED TO GRADE OR REPLACED, AS SHOWN ON PLANS OR AS DIRECTED BY PROJECT MANAGER.
9. ALL GATE VALVES REQUIRE MECHANICAL JOINT RESTRAINT WITHIN 18 FEET OF GATE VALVE.
10. ALL WATER SERVICE TAPS ON PVC/PVCO WATER MAIN REQUIRE SERVICE SADDLES.
11. STAINLESS STEEL INSERTS ARE REQUIRED ON ALL POLYETHYLENE (PE) WATER SERVICE FITTINGS.

## SOIL EROSION AND WATER POLLUTION ABATEMENT

CONTRACTOR IS TO BE IN FULL COMPLIANCE WITH REQUIREMENTS OF CITY OF ROCHESTER LAWS AND REGULATIONS, SUBSECTION 10 COMPLIANCE WITH AIR AND WATER LAWS AND REGULATIONS, WHICH STATE IN PART

- F. WHEN IT BECOMES NECESSARY, THE PROJECT MANAGER WILL INFORM THE CONTRACTOR OF UNSATISFACTORY CONSTRUCTION PROCEDURES AND OPERATIONS INsofar AS EROSION CONTROL, WATER AND AIR POLLUTION ARE CONCERNED. IF THE UNSATISFACTORY CONSTRUCTION PROCEDURES AND OPERATIONS ARE NOT CORRECTED PROMPTLY, THE PROJECT MANAGER MAY SUSPEND THE PERFORMANCE OF ANY OR ALL OF OTHER CONSTRUCTION UNTIL THE UNSATISFACTORY CONDITION BEEN CORRECTED.**

## LEGEND

**EXISTING**

- |  |   |
|--|---|
|  | RIGHT-OF-WAY LINE                         |
|  | PROPERTY LINE                             |
|  | BUILDING LINE                             |
|  | USGS/USC&GS MONUMENT                      |
|  | HORIZONTAL CONTROL MONUMENT               |
|  | VERTICAL CONTROL MONUMENT                 |
|  | BORE LOCATION AND REFERENCE NUMBER        |
|  | CORE LOCATION AND REFERENCE NUMBER        |
|  | FENCE LINE AND TYPE                       |
|  | CURB LINE AND TYPE                        |
|  | SLATE SIDEWALK                            |
|  | SHRUB ROW                                 |
|  | TREE AND DIAMETER AT DBH                  |
|  | SEWER MANHOLE                             |
|  | COMBINED SEWER, SIZE AND TYPE             |
|  | STORM WATER SEWER, SIZE AND TYPE          |
|  | SANITARY SEWER, SIZE AND TYPE             |
|  | CATCH BASIN AND LATERAL                   |
|  | CATCH BASIN W/CAPSTONE AND LATERAL        |
|  | SEWER CLEAN-OUT                           |
|  | HYDRANT, BRANCH AND WATER VALVE           |
|  | WATER MAIN AND SIZE, WATER VALVE          |
|  | WATER REDUCER                             |
|  | WATER SERVICE AND CURB STOP               |
|  | MONITORING WELL                           |
|  | CONCRETE STREET LIGHT POLE                |
|  | METAL STREET LIGHT POLE                   |
|  | WOOD POWER POLE                           |
|  | WOOD POWER POLE w/GUY WIRE                |
|  | WOOD POWER POLE w/STREET LIGHT            |
|  | UTILITY HANDHOLE OR PULLBOX               |
|  | UTILITY MANHOLE W/ VAULT                  |
|  | CABLEVISION UNDERGROUND CONDUIT           |
|  | ELECTRIC UNDERGROUND CONDUIT              |
|  | FIBER OPTICS UNDERGROUND CONDUIT          |
|  | TELECOMMUNICATIONS UNDERGROUND CONDUIT    |
|  | FIBERGLASS STREET LIGHT POLE              |
|  | CITY OF ROCHESTER HANDHOLE                |
|  | CITY OF ROCHESTER PULLBOX                 |
|  | CITY OF ROCHESTER STREET LIGHTING CONDUIT |
|  | GAS MAIN AND SIZE, GAS VALVE              |
|  | STEAM LINE AND SIZE                       |
|  | PEDESTRIAN SIGNAL POLE w/SIGNAL HEAD      |
|  | TRAFFIC SIGNAL CONTROL BOX                |
|  | TRAFFIC SIGNAL POLE                       |
|  | TRAFFIC SIGNAL POLE w/STREET LIGHT        |
|  | TRAFFIC SIGNAL CONDUIT                    |
|  | MAIL BOX AND CONCRETE PAD                 |
|  | FLAG POLE                                 |
|  | PARKING METER                             |
|  | SIGN POST AND SIGN PANEL                  |

**PROPOSED**

- |            |  |
|------------|--|
|            | RIGHT-OF-WAY LINE                                  |
|            | PROPERTY LINE                                      |
| RCS<br>    | HORIZONTAL CONTROL MONUMENT                        |
| RTS<br>    | VERTICAL CONTROL MONUMENT                          |
|            | CURB LINE  |
|            | STEEL CURB   |
|            | ADDITIONAL WORK LIMIT LINE                         |
|            | CONCRETE SIDEWALK/DRIVEWAY                         |
|            | ASPHALT DRIVEWAY                                   |
|            | MISCELLANEOUS EXCAVATION -<br>SEE GENERAL NOTE #10 |
|            | PAVEMENT REHABILITATION/RECONSTRUCTION AREA        |
|            | TREE PLANTING                                      |
| CB-1<br>   | CATCH BASIN FRAME AND GRATE ADJUSTMENT             |
| CB-1<br>   | CATCH BASIN  |
| MH-1<br>   | MANHOLE FRAME AND COVER ADJUSTMENT/REPLACEMENT     |
| MH-1<br>   | MANHOLE  |
|            | HYDRANT, BRANCH, WATER VALVE AND TEE               |
|            | WATER MAIN - NOTE SIZE AND TYPE                    |
| TAP<br>    | DISINFECTION/SAMPLING TAP                          |
| CPTS<br>   | CATHODIC PROTECTION TEST STATION                   |
| TWV/TB<br> | TRACER WIRE TERMINATION BOX                        |
|            | MAIN LINE WATER VALVE                              |
|            | WATER REDUCER, OFFSET OR BENDS                     |
|            | WATER SERVICE AND CURB STOP                        |
| TH<br>     | TEMPORARY WATER BYPASS PIPE AND HYDRANT            |
| FLP<br>    | FIBERGLASS STREET LIGHT POLE                       |
| LP<br>     | METAL STREET LIGHT POLE                            |
|            | STREET LIGHTING HANDHOLE OR PULLBOX                |
| E<br>      | ARTERIAL STREET LIGHTING CONDUIT                   |
| CE<br>     | RESIDENTIAL STREET LIGHTING CONDUIT                |
| PED<br>    | PEDESTRIAN SIGNAL POLE w/SIGNAL HEAD               |
| TSCB<br>   | TRAFFIC SIGNAL CONTROL BOX                         |
| TSP<br>    | TRAFFIC SIGNAL POLE                                |
| TSLP<br>   | TRAFFIC SIGNAL POLE w/STREET LIGHT                 |
| TS<br>     | TRAFFIC SIGNAL CONDUIT                             |
| SS<br>     | SIGN SLEEVE  |
|            | DRAINAGE FLOW                                      |


- 

## ABBREVIATIONS

- |              |  |
|--------------|--|
| ABND         | ABANDONED                                    |
| ADJ          | ADJUST                                       |
| AOBPM        | AS ORDERED BY PROJECT MANAGER                |
| APPROX       | APPROXIMATE                                  |
| ASPH         | ASPHALT                                      |
| B            | BASILINE                                     |
| BLDG         | BUILDING                                     |
| BM           | BENCH MARK                                   |
| B/T          | BLACKTOP                                     |
| C            | CURB   |
| CALC         | CALCULATED                                   |
| CIP          | CAST IRON PIPE                               |
| C            | CENTERLINE                                   |
| CMP          | CORRUGATED METAL PIPE                        |
| CONC         | CONCRETE                                     |
| COR          | CITY OF ROCHESTER                            |
| Δ            | DELTA OF CURVE                               |
| DH           | DRILL HOLE                                   |
| DIA          | DIAMETER                                     |
| DIP          | DUCTILE IRON PIPE                            |
| DRWY, D/W    | DRIVEWAY                                     |
| DWG          | DRAWING                                      |
| E            | EXTERNAL DISTANCE                            |
| ELEV         | ELEVATION                                    |
| EXIST        | EXISTING                                     |
| FC           | FRONTIER COMMUNICATIONS                      |
| FT           | FEET   |
| G            | GUTTER                                       |
| HORIZ, HORIZ | HORIZONTAL                                   |
| INV          | INVERT                                       |
| IP           | IRON PIN                                     |
| L            | LENGTH OF CURVE                              |
| LH           | SEWER LAMP HOLE                              |
| LEFT         | LEFT   |
| MAX          | MAXIMUM                                      |
| MCDOT        | MONROE COUNTY DEPARTMENT OF TRANSPORTATION   |
| MCDPH        | MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH    |
| MCWP         | MONROE COUNTY DIVISION OF PURE WATERS        |
| MCWA         | MONROE COUNTY WATER AUTHORITY                |
| MIN          | MINIMUM                                      |
| MISC         | MISCELLANEOUS                                |
| MON          | MONUMENT                                     |
| NF           | NOW OR FORMERLY                              |
| N.I.C.       | NOT IN CONTRACT                              |
| NYS          | NEW YORK STATE                               |
| PAVT, PVT    | PAVEMENT                                     |
| PC           | POINT OF CURVATURE                           |
| PCP          | POINT OF COMPOUND CURVATURE                  |
| PCC          | PLAIN CONCRETE PIPE                          |
| PI           | POINT OF INTERSECTION                        |
| PK           | POINT KNOWN                                  |
| R            | PROPERTY LINE                                |
| PRC          | POINT OF REVERSE CURVATURE                   |
| PT           | POINT OF TANGENCY                            |
| PVC          | POINT OF VERTICAL CURVATURE                  |
| PVCO         | MOLECULAR ORIENTED POLY(VINYL CHLORIDE) PIPE |
| PVCP         | POLY(VINYL CHLORIDE) PIPE                    |
| PVI          | POINT OF VERTICAL INTERSECTION               |
| PVT          | POINT OF VERTICAL TANGENCY                   |
| R            | RADIUS OF CURVE                              |
| RCP          | REINFORCED CONCRETE PIPE                     |
| RG3          | ROCHESTER CITY SURVEY                        |
| RGE, RG&E    | ROCHESTER GAS AND ELECTRIC                   |
| R.O.W.       | RIGHT OF WAY                                 |
| RPMW         | ROCHESTER PURE WATERS DISTRICT               |
| RT           | RIGHT  |
| RTS          | ROCHESTER TOPOGRAPHICAL SURVEY               |
| ST BOX       | STONE BOX SEWER                              |
| STA          | STATION                                      |
| T            | TANGENT LENGTH OF CURVE                      |
| TC           | TOP OF CURB                                  |
| TG           | TOP OF CATCH BASIN GRATE                     |
| TWC          | TIME WARNER CABLE                            |
| TYP          | TYPICAL                                      |
| US&GSGS      | UNITED STATES COAST AND GEODETIC SURVEY      |
| USGSGS       | UNITED STATES GEOLOGICAL SURVEY              |
| VC           | VERTICAL CURVE                               |
| VCP          | VITRIFIED CLAY PIPE                          |
| VERT         | VERTICAL                                     |
| VTP          | VITRIFIED TILE PIPE                          |
| XVCP         | EXTRA STRENGTH VITRIFIED CLAY PIPE           |
| Y            | WYE OR Y-BRANCH                              |

## DRAWING INDEX

DRAWING TITLE	DRAWING NUMBER
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	Department of Environmental Services Architecture and Engineering Services City of Rochester, New York
MANAGING ENGINEER	ALBERT J. GIGLIO, P.E.
CITY ENGINEER	JAMES R. McIntosh, P.E.

PROJECT TITLE

COBBS HILL\ NUNDA  
NEIGHBORHOOD STREET  
LIGHTING

ISSUED 03-16-2015				
CHECKED FB				
DRAWN KB				
DESIGN JB				
SCALE NONE				
PROJECT 13105	NO.	REVISION	BY	DATE

**GENERAL  
INFORMATION**

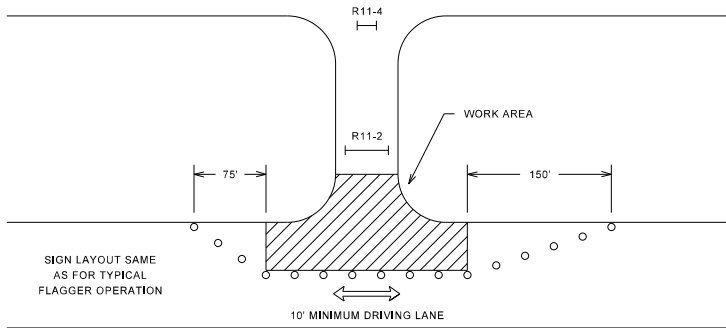
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2

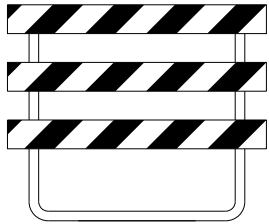
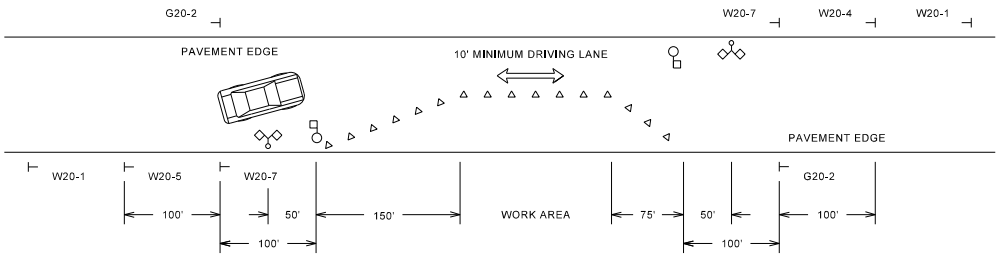
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OF

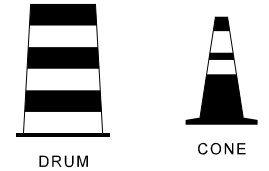
TYPICAL SIGNING  
INTERSECTION RECONSTRUCTION AREA



TYPICAL FLAGGER OPERATION



TYPE III PVC CONSTRUCTION BARRICADE  
( STRIPES ARE TO SLOPE DOWNWARD IN  
DIRECTION TRAFFIC IS TO PASS )



DRUM

CONE

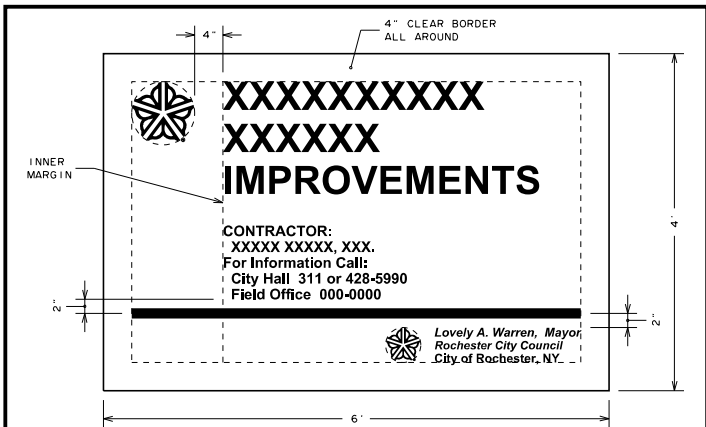
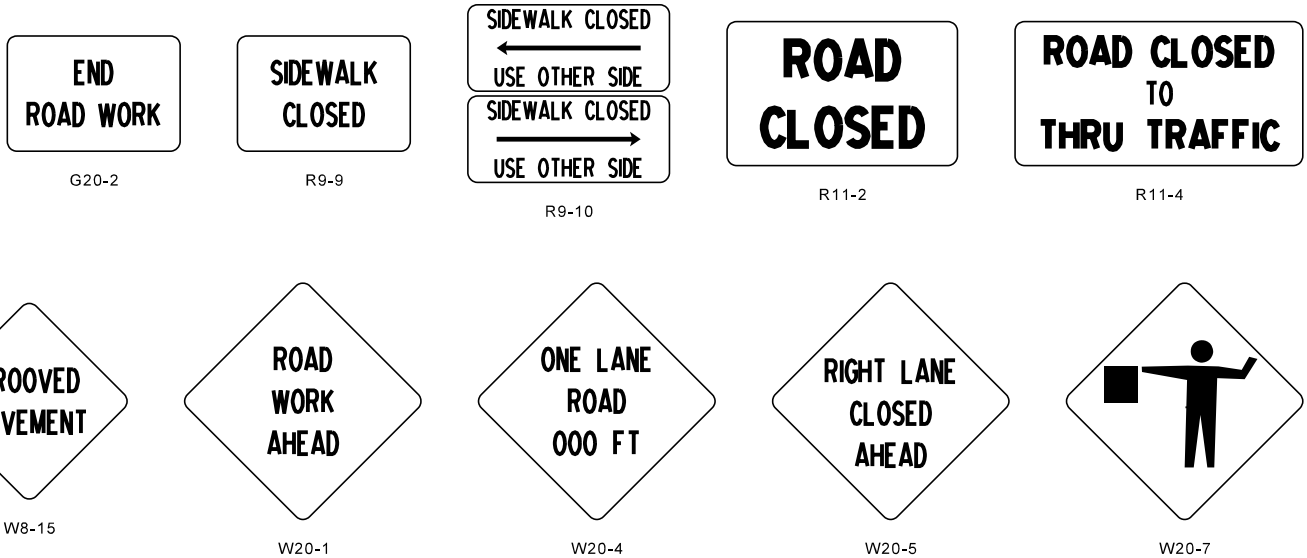
LEGEND

- SIGN
- △ CONE
- BARRICADE (SEE NOTE 8)
- FLAGGER
- DRUM
- ◇ FLAG TREE
- PS PROJECT SIGN

NOTES:

- CONTRACTOR IS REQUIRED TO PROVIDE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH PLANS, NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND NYSDOT SUPPLEMENT, NYSDOT WORK ZONE TRAFFIC CONTROL STANDARD SHEETS (US CUSTOMARY) LATEST EDITION, AND CITY OF ROCHESTER SPECIFICATIONS, ALL AS APPROVED BY MONROE COUNTY DIRECTOR OF TRANSPORTATION. REFERENCES TO "REGIONAL DIRECTOR" IN NYSDOT STANDARD SHEETS ARE TO BE INTERPRETED AS "CITY OF ROCHESTER".
- ALL SIGNS AS SHOWN ON DRAWING(S) AND AS ORDERED BY PROJECT MANAGER ARE TO BE IN PLACE IMMEDIATELY PRIOR TO COMMENCING WORK.
- DULY TRAINED FLAGGER(S) ARE TO BE PROVIDED DURING WORKING HOURS TO PROTECT TRAFFIC AT ALL TIMES AND TO PROVIDE ADEQUATE TRAFFIC CONTROL.
- ONE-WAY AND TWO-WAY TRAFFIC IS TO BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH REQUIREMENTS OF SECTION R619.
- TO MAINTAIN TRAFFIC IN TWO LANES WHEN CONTRACTOR IS NOT WORKING, ALL OPEN EXCAVATIONS WITHIN ROADWAY ARE TO BE COVERED WITH METAL PLATES, OR OTHERWISE DELINEATED, AS ORDERED BY PROJECT MANAGER.
- CONTRACTOR IS TO PROVIDE AND MAINTAIN AT ALL TIMES SAFE AND ADEQUATE INGRESS AND EGRESS TO AND FROM ALL INTERSECTING STREETS, BUILDINGS AND DRIVEWAYS. ACCESS MAY BE RESTRICTED DURING WORKING HOURS, AS CONSTRUCTION ACTIVITIES DICTATE.
- ALL EXISTING TRAFFIC AND PARKING SIGNS ARE TO BE MAINTAINED BY CONTRACTOR THROUGHOUT CONSTRUCTION OF PROJECT. CONTRACTOR IS TO COVER OR REMOVE ONLY THOSE EXISTING TRAFFIC AND PARKING SIGNS WHICH CONFLICT WITH VARIOUS ACCESS AND TRAFFIC RESTRICTIONS THAT WILL BE UTILIZED DURING CONSTRUCTION OF PROJECT. CONTRACTOR MUST CONTACT MCDOT DISPATCHER AT 1-800-753-7750 AT LEAST 5 WORKING DAYS PRIOR TO REMOVING OR RESETTING ANY TRAFFIC AND PARKING REGULATION SIGNS.
- WHEN ORDERED BY PROJECT MANAGER, BARRICADES ARE TO BE LIGHTED WITH TYPE A LOW INTENSITY FLASHING YELLOW BARRICADE LIGHTS, SPACED 4 FEET CENTER TO CENTER.
- CONTRACTOR IS TO CLOSELY COORDINATE ALL WORK IMPACTING SCHOOL PEDESTRIAN TRAFFIC AND SCHOOL BUS TRAFFIC WITH PROJECT MANAGER OR SPECIFIED AGENT. SAFE SCHOOL ROUTE MAINTENANCE PLAN MUST BE SUBMITTED AND APPROVED OF PRIOR TO BEGINNING ANY WORK WHICH IMPACTS EXISTING DESIGNATED ROUTE. ANY ADDITIONAL SIGNAGE, FLAGGER(S), OR OTHER REQUIREMENTS REQUIRED BY PROJECT MANAGER WILL BE INCLUDED IN UNIT PRICE BID FOR BASIC MAINTENANCE AND PROTECTION OF TRAFFIC. SAFE SCHOOL ROUTE MAINTENANCE PLAN IS TO STAY IN EFFECT FOR DURATION OF CONSTRUCTION OF PROJECT, UNLESS ORDERED OTHERWISE BY PROJECT MANAGER.
- CONTRACTOR IS TO REINSTALL EXISTING SIGNS FROM EXISTING STREET LIGHT POLES TO NEW STREET LIGHT POLES. REGULATORY AND WARNING SIGNS MUST BE TEMPORARILY POSTED UNTIL PERMANENTLY MOUNTED TO NEW LIGHT POLES.

TRAFFIC CONTROL DEVICES



LAYOUT:

- CLEAR BORDER 4" ALL AROUND
- INNER MARGIN 4" BETWEEN UPPER CITY MARK AND TEXT
- UPPER CITY MARK TO BE 9" DIAMETER AND FLUSH WITH CLEAR BORDER
- "CONTRACTOR" AND "FOR INFORMATION CALL" TEXT TO BE FLUSH WITH INNER MARGIN
- LOWER CITY MARK TO BE 5" DIAMETER AND BOTTOM TO BE FLUSH WITH CLEAR BORDER
- RIGHT SIDE MAYOR'S SIGNATURE TO BE FLUSH WITH CLEAR BORDER AND TOP TO LINE UP WITH TOP OF LOWER CITY MARK

LETTERS:

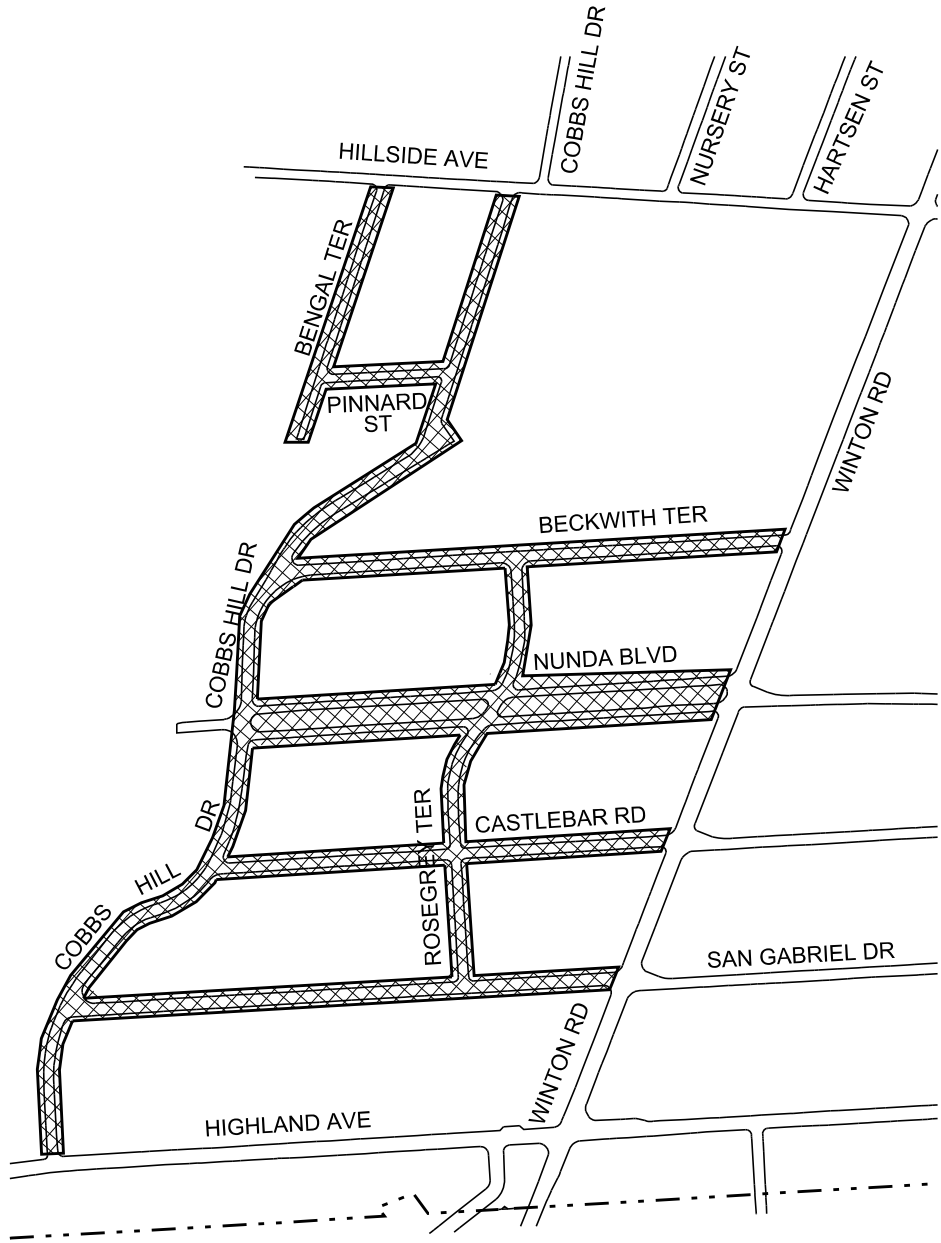
- PROJECT TITLE:  
SWISS 721 CONDENSED BOLD  
4" LETTERS INITIAL CAP  
2" LINE SPACING
- CONTRACTOR AND  
FOR INFORMATION CALL:  
SWISS 721 CONDENSED BOLD  
1.50" LETTERS INITIAL CAP  
0.75" LINE SPACING
- MAYOR'S SIGNATURE:  
SWISS 721 CONDENSED BOLD ITALIC  
1.25" LETTERS INITIAL CAP  
0.625" LINE SPACING
- ROCHESTER CITY COUNCIL:  
SWISS 721 CONDENSED BOLD ITALIC  
1.1875" LETTERS INITIAL CAP  
0.625" LINE SPACING
- CITY OF ROCHESTER:  
SWISS 721 CONDENSED BOLD  
1.25" LETTERS INITIAL CAP

NOTES:

- PRIOR TO SIGN FABRICATION, CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM CITY OF SIGN LAYOUT.
- BOARD TO BE 6 FOOT x 4 FOOT x 3/4 INCH PLYWOOD PAINTED WITH 2 COATS WHITE EXTERIOR ENAMEL PAINT.
- BOTTOM OF SIGN BOARD IS TO BE POSTED MINIMUM OF 5 FEET ABOVE GROUND.
- CITY MARK AND ALL TEXT TO BE COLORED TO MATCH PMS COLOR 287C BLUE.
- LINE TO BE 30 POINT RULE.
- SIGN CAN BE REDUCED PROPORTIONALLY TO 3 FOOT x 2 FOOT AS REQUIRED IN CONTRACT DOCUMENTS.

CITY OF ROCHESTER		
PROJECT SIGN		
ISSUED	5-7-01	NON-STANDARD
REVISED	1-1-14	DWG.NO.S999-2

PS



- USE SIGN ONLY WHEN CONSTRUCTION EXTENDS INTO INTERSECTION
- MOVE SIGNS AND BARRICADES TO SIDE OF ROAD AT END OF WORK DAY

Department of Environmental Services Architecture and Engineering Services City of Rochester, New York	
MANAGING ENGINEER	ALBERT J. GIGLIO, P.E.
CITY ENGINEER	JAMES R. MCINTOSH, P.E.

PROJECT TITLE COBBS HILL\ NUNDA NEIGHBORHOOD STREET LIGHTING	
ISSUED	03-16-2015
CHECKED	FB
DRAWN	KB
DESIGN	JB
SCALE	NONE
PROJECT NUMBER	15105
NO.	
REVISION	
BY	
DATE	

DRAWING TITLE MAINTENANCE AND PROTECTION OF TRAFFIC	
DRAWING NO.	3
OF	32

SIDEWALK REPLACEMENT SAN GABRIEL DR		
LOCATION	NUMBER OF FLAGS	DRIVEWAY
21 SAN GABRIEL DR.	2	N
45 SAN GABRIEL DR.	1	N
85 SAN GABRIEL DR.	1	N
92 SAN GABRIEL DR.	2	N
130 SAN GABRIEL (ON ROSEGREY)	1	N
141 SAN GABRIEL DR.	2	N
145 SAN GABRIEL DR.	1	N
170 SAN GABRIEL DR.	3	N
405 WINTON (ON SAN GABRIEL)	1	N

SIDEWALK REPLACEMENT CASTLEBAR RD		
LOCATION	NUMBER OF FLAGS	DRIVEWAY
11 CASTLEBAR ROAD	2	N
19 CASTLEBAR ROAD	4	N
25 CASTLEBAR ROAD	1	N
66 CASTLEBAR ROAD	1	N
94 CASTLEBAR ROAD	3	N
100 CASTLEBAR ROAD	3	N
101 CASTLEBAR ROAD	3	Y
121 CASTLEBAR ROAD	2	N
140 CASTLEBAR ROAD	4	N

SIDEWALK REPLACEMENT NUNDA BLVD		
LOCATION	NUMBER OF FLAGS	DRIVEWAY
33 NUNDA BLVD	1	N
45 NUNDA BLVD	4	N
45 NUNDA BLVD	1	Y
46 NUNDA BLVD	1	N
59 NUNDA BLVD	2	N
73 NUNDA BLVD	1	N
79 NUNDA BLVD	3	Y
87 NUNDA BLVD	3	N
87 NUNDA BLVD (ON ROSEGREY)	2	Y
87 NUNDA BLVD (ON ROSEGREY)	2	N
109 NUNDA BLVD (ON ROSEGREY)	1	N
123 NUNDA BLVD	2	N
126 NUNDA BLVD	2	N
134 NUNDA BLVD	2	N
137 NUNDA BLVD	3	N
143 NUNDA BLVD	2	N
149 NUNDA BLVD	2	N
154 NUNDA BLVD	3	Y
154 NUNDA BLVD	3	N
174 NUNDA BLVD	1	N
175 NUNDA BLVD	5	N
180 NUNDA BLVD	1	N

SIDEWALK REPLACEMENT BECKWITH TER		
LOCATION	NUMBER OF FLAGS	DRIVEWAY
230 COBBSHILL DR (ON BECKWITH)	1	N
11 BECKWITH TERRACE	1	Y
17 BECKWITH TERRACE	2	N
20 BECKWITH TERRACE	2	N
32 BECKWITH TERRACE	2	N
34 BECKWITH TERRACE	2	N
43 BECKWITH TERRACE	5	N
66 BECKWITH TERRACE	1	N
66 BECKWITH TERRACE	4	N
118 BECKWITH TERRACE	1	N
151 BECKWITH TERRACE	3	N

SIDEWALK REPLACEMENT BENGAL TER		
LOCATION	NUMBER OF FLAGS	DRIVEWAY
7 BENGAL TERRACE	1	N
20 BENGAL TERRACE	4	N
26 BENGAL TERRACE	4	N
39 BENGAL TERRACE	5	N
42 BENGAL TERRACE	3	N
49 BENGAL TERRACE	3	N
55 BENGAL TERRACE	1	N
65 BENGAL TERRACE	1	N
70 BENGAL TERRACE	7	N
70 BENGAL (PINNARD SIDE)	3	Y
70 BENGAL (PINNARD SIDE)	4	N
71 BENGAL TERRACE	2	Y

SIDEWALK REPLACEMENT CASTLEBAR RD		
LOCATION	NUMBER OF FLAGS	DRIVEWAY
7 PINNARD STREET	5	N
8 PINNARD (BENGAL SIDE)	3	N
11PINNARD STREET	2	N
19 PINNARD STREET	3	N

DRIVEWAY APRON		
LOCATION	LENGTH & WIDTH	TYPE
40 CASTLEBAR RD	10'X10'	ASPH
* 10 SAN GABRIEL DR	10'X10'	ASPH
* 124 COBBS HILL DR	5'X10'	ASPH

\*PARTIAL DRIVEWAY APRON REPLACEMENT,  
FULL REPLACEMENT TO BE COMPLETED  
DURING COBBS HILL DRIVE PROJECT.

MONUMENT TABLE					
MONUMENT #	TYPE	CORNER	LOCATION	SIDESTREET	DISPOSITION
122640111	RCS	NE	BENGAL TER.	PINNARD ST.	ADJ F&C INSTALL 'SLEEVE' UNDER FRAME
122640109	RCS	SE	BENGAL TER.	HILLSIDE AVE.	PROTECT
122630101	RCS	SW	BENGAL TER.	HILLSIDE AVE.	PROTECT
122630103	RTS	S	HILLSIDE AVE.	BENGAL TER.	PROTECT
122720106	RCS	NE	SAN GABRIEL DR.	ROSEGREY TER.	PROTECT
122720110	RCS	NE	ROSEGREY TER.	CASTLEBAR RD.	SET NEW RCS
122720104	RCS	SE	NUNDA BLVD.	ROSEGREY TER.	NO DH (SEE RIM)
122720109	RCS	NE	NUNDA BLVD.	ROSEGREY TER.	PROTECT
122720101	RCS	SW	ROSEGREY TER.	BECKWITH TER.	PROTECT
122790202	RCS	NE	COBBS HILL DR.	HIGHLAND	PROTECT
122790204	RCS	E	COBBS HILL DR.	HIGHLAND	PROTECT
122790201	RCS	SE	COBBS HILL DR.	SAN GABRIEL	PROTECT
122710207	RCS	N	COBBS HILL DR.	SAN GABRIEL	PROTECT
122710206	RCS	N	COBBS HILL DR.	SAN GABRIEL	PROTECT
122710107	RCS	W	COBBS HILL DR.	CASTLEBAR	PROTECT
122710106	RCS	W	COBBS HILL DR.	CASTLEBAR	PROTECT
122710105	RCS	W	COBBS HILL DR.	CASTLEBAR	PROTECT
122710104	RCS	W	COBBS HILL DR.	NUNDA BLVD.	PROTECT
122710205	RCS	E	COBBS HILL DR.	NUNDA BLVD.	PROTECT
122710204	RCS	SE	COBBS HILL DR.	NUNDA BLVD.	PROTECT
122710103	RCS	NW	COBBS HILL DR.	NUNDA BLVD.	PROTECT
122710102	RCS	W	COBBS HILL DR.	BECKWITH TER.	PROTECT
122710202	RCS	E	COBBS HILL DR.	BECKWITH TER.	PROTECT
122710101	RCS	W	COBBS HILL DR.	BECKWITH TER.	PROTECT
122710201	RCS	SE	BECKWITH TER.	COBBS HILL DR.	PROTECT
122630104	RCS	W	COBBS HILL DR.	BECKWITH TER.	PROTECT
122630105	RCS	W	COBBS HILL DR.	BECKWITH TER.	PROTECT
122640106	RCS	W	COBBS HILL DR.	PINNARD	PROTECT
122640105	RCS	NW	COBBS HILL DR.	PINNARD	PROTECT
122640101	RCS	SW	COBBS HILL DR.	HILLSIDE	PROTECT
122800107	RCS	SW	WINTON RD.	SAN GABRIEL DR.	PROTECT
122720107	RCS	NW	WINTON RD.	SAN GABRIEL DR.	PROTECT
122720108	RCS	NW	WINTON RD.	CASTLEBAR RD.	PROTECT
122720105	RCS	SW	WINTON RD.	NUNDA BLVD.	PROTECT
122720102	RCS	SW	WINTON RD.	BECKWITH TER.	PROTECT

CURB RAMP REPLACEMENT								
LOCATION	QUADRANT	S608.14	S608.380602	S608.380603	S609.6005CR	S609.6105CR	S604.3702	S604.5005
ROSEGREY TER. AT SAN GABRIEL DR.	S	1.0	10	-	12	-	-	-
ROSEGREY TER. AT SAN GABRIEL DR.	NW	3.9	20	-	12	20	1	1
ROSEGREY TER. AT SAN GABRIEL DR.	NE	1.4	10	-	15	20	1	-
ROSEGREY TER. AT CASTLEBAR RD.	SE	2.8	20	-	6	29	-	-
ROSEGREY TER. AT CASTLEBAR RD.	SW	5.0	20	-	-	29	1	-
ROSEGREY TER. AT CASTLEBAR RD.	NW	2.1	20	-	5	29	2	-
ROSEGREY TER. AT CASTLEBAR RD.	NE	2.9	20	-	-	29	1	-
ROSEGREY TER. AT NUNDA BLVD.	SE	2.7	20	-	27	15	-	-
ROSEGREY TER. AT NUNDA BLVD.	SW	1.4	10	-	-	28	-	-
ROSEGREY TER. AT NUNDA BLVD.	NW	1.4	10	-	10	40	1	-
ROSEGREY TER. AT NUNDA BLVD.	NE	2.6	20	-	3	20	1	-
ROSEGREY TER. AT NUNDA BLVD. MEDIAN	E	5.2	20	-	-	45	-	-
ROSEGREY TER. AT BECKWITH TER.	SE	2.2	10	-	-	25	-	-
ROSEGREY TER. AT BECKWITH TER.	SW	0.8	10	-	-	18	-	-
ROSEGREY TER. AT BECKWITH TER.	N	1.4	10	-	12	-	-	-
BENGAL TER. AT PINNARD ST.	SE	1.7	10	-	5	15	-	-
BENGAL TER. AT PINNARD ST.	W	0.7	10	-	12	-	-	-
BENGAL TER. AT PINNARD ST.	NE	3.4	10	-	45	22	-	-
BENGAL TER. AT HILLSIDE AVE.	SE	-	-	10	-	-	-	-
BENGAL TER. AT HILLSIDE AVE.	SW	-	-	10	-	-	-	-

S608.14: CONCRETE SIDEWALK AND DRIVEWAY INCLD. EXC. & SUB BASE  
S608.380602: EMBEDDED DETECTABLE WARNING SYSTEM  
S608.380603: SURFACE APPLIED DETECTABLE WARNING SYSTEM AT EXISTING LOCATION  
S609.6005CR: 5" STONE CURB (CR CURB) (INCLUDING EXCAVATION, BACKFILL AND PAVEMENT RESTORATION)  
S609.6105CR: 5" RADIUS STONE CURB (CR CURB) (INCLUDING EXCAVATION, BACKFILL AND PAVEMENT RESTORATION)  
S604.3702: TYPE B CATCH BASIN - INSTALLED (INCLUDING EXCAVATION, BACKFILL AND PAVEMENT RESTORATION)  
S604.5005: ADJUST EXISTING CATCH BASIN FRAME AND GRATE(INCLUDING EXCAVATION, BACKFILL AND PAVEMENT RESTORATION)

Department of Environmental Services Architecture and Engineering Services City of Rochester, New York	
MANAGING ENGINEER	CITY ENGINEER

Albert J. Giglio, P.E.	James R. McIntosh, P.E.
------------------------	-------------------------

PROJECT TITLE	COBBS HILL\ NUNDA NEIGHBORHOOD STREET LIGHTING
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ISSUED 03.16.2015	CHECKED FB	DRAWN KB	DESIGN JB	SCALE NONE	PROJECT NUMBER 15105	NO.	REVISION	BY	DATE
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DRAWING TITLE	TABLES
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DRAWING NO.	4	32
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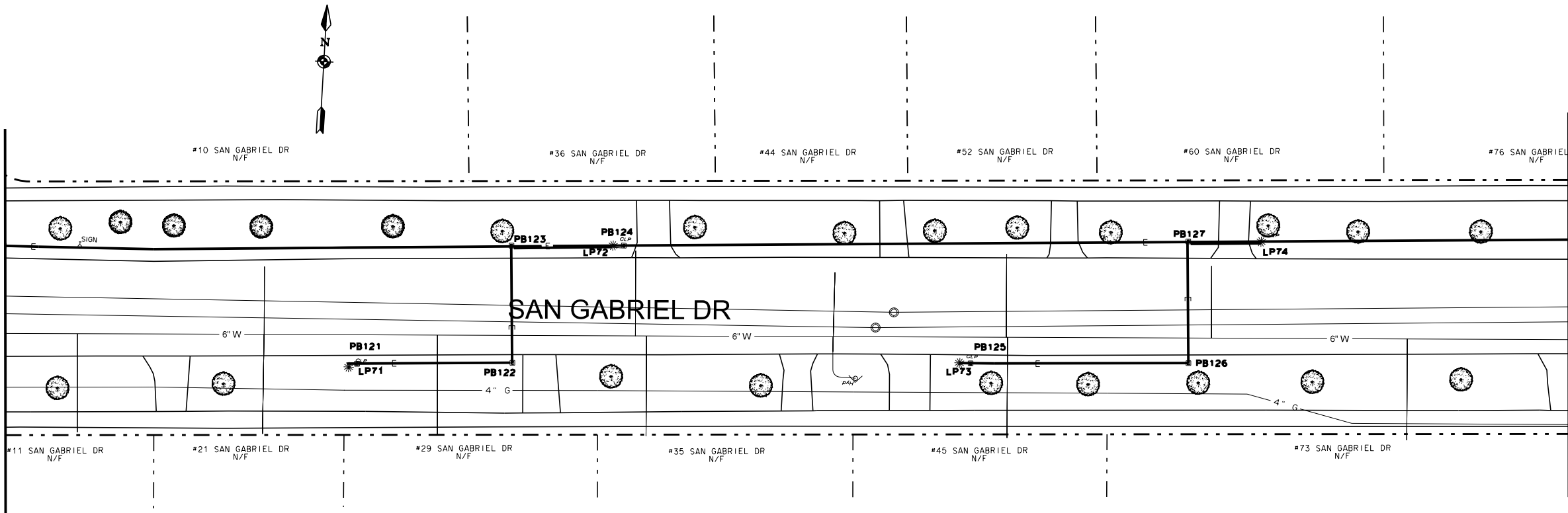








MATCHLINE SHEET 20 OF 32

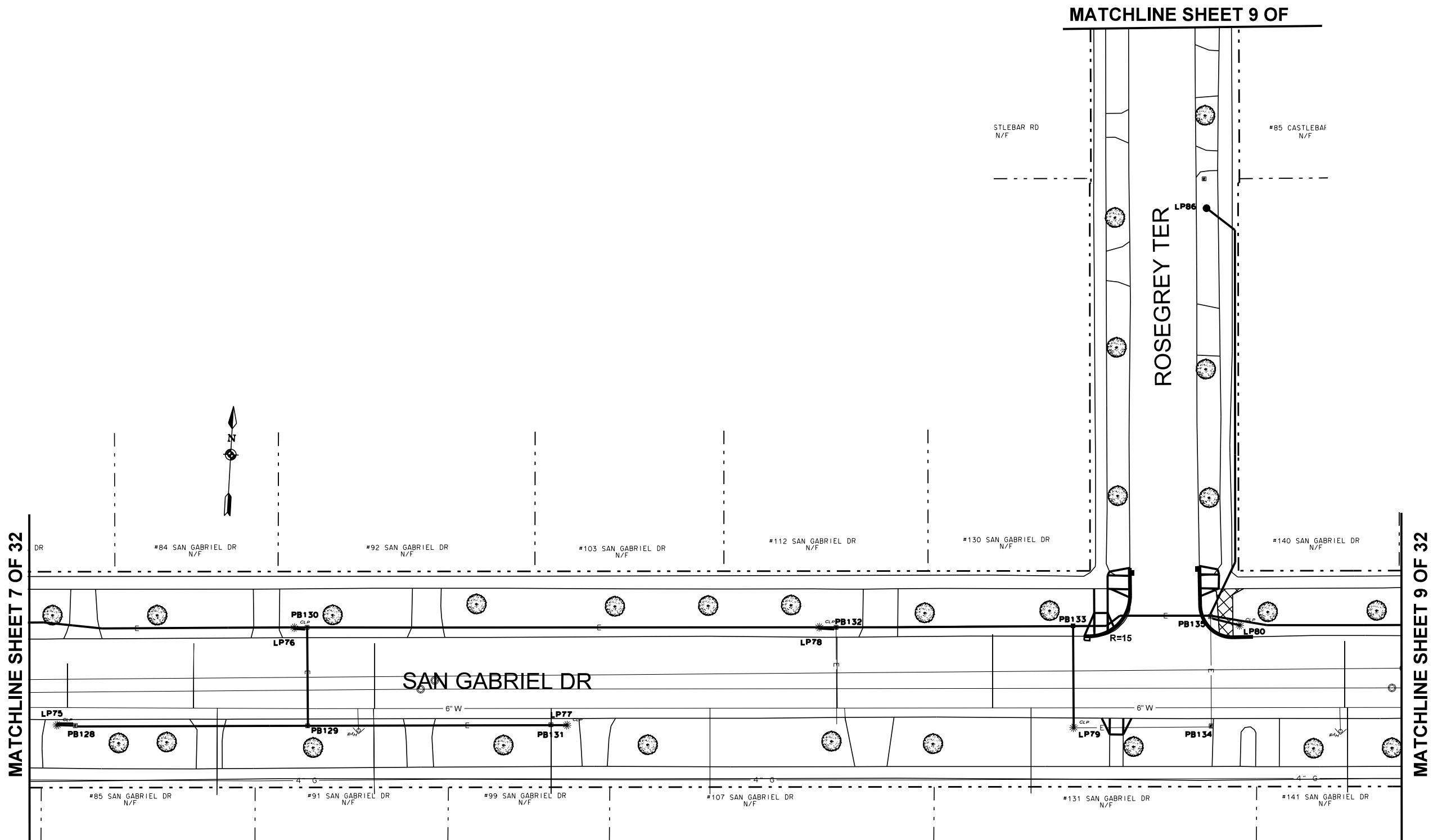


MATCHLINE SHEET 8 OF 32

NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

PROJECT TITLE COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING		MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
ISSUED 03.16.2015		CHECKED FB	DRAWN KB	DESIGN JB	SCALE 1" = 20'
DRAWING TITLE SAN GABRIEL DR		PROJECT NUMBER 15105		NO. REVISION BY DATE	
DRAWING NO. 7		OF 32			

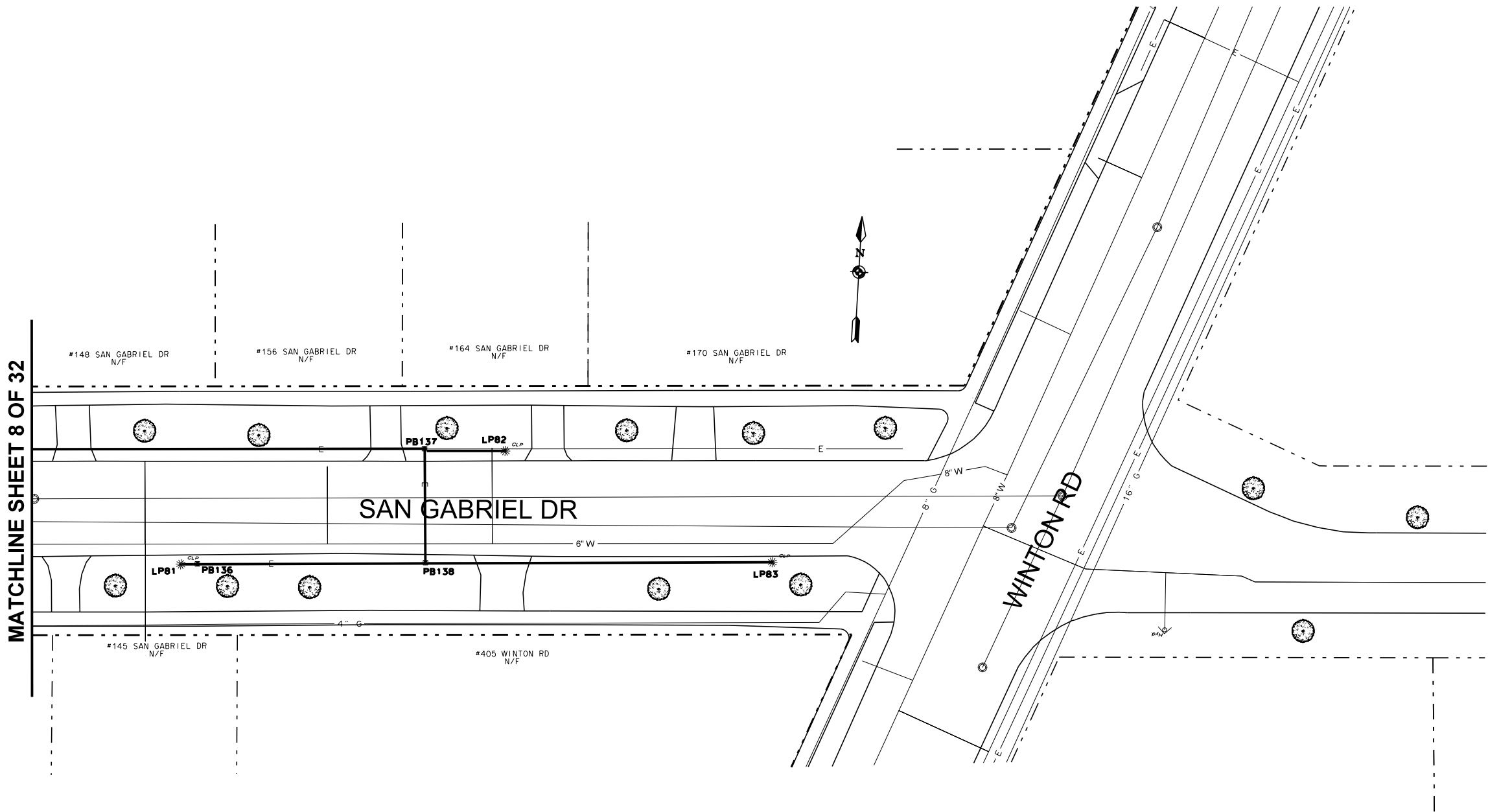





NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

PROJECT TITLE COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING		MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
ISSUED 03.16.2015		CHECKED FB	DRAWN KB	DESIGN JB	SCALE 1" = 20'
PROJECT NUMBER 15105		NO.		REVISION	BY DATE
DRAWING TITLE SAN GABRIEL DR		DRAWING NO. 8 OF 32			





NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

 Department of Environmental Services Architecture and Engineering Services City of Rochester, New York		PROJECT TITLE <b>COBBS HILL \ NUNDA          NEIGHBORHOOD STREET          LIGHTING</b>	
MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	

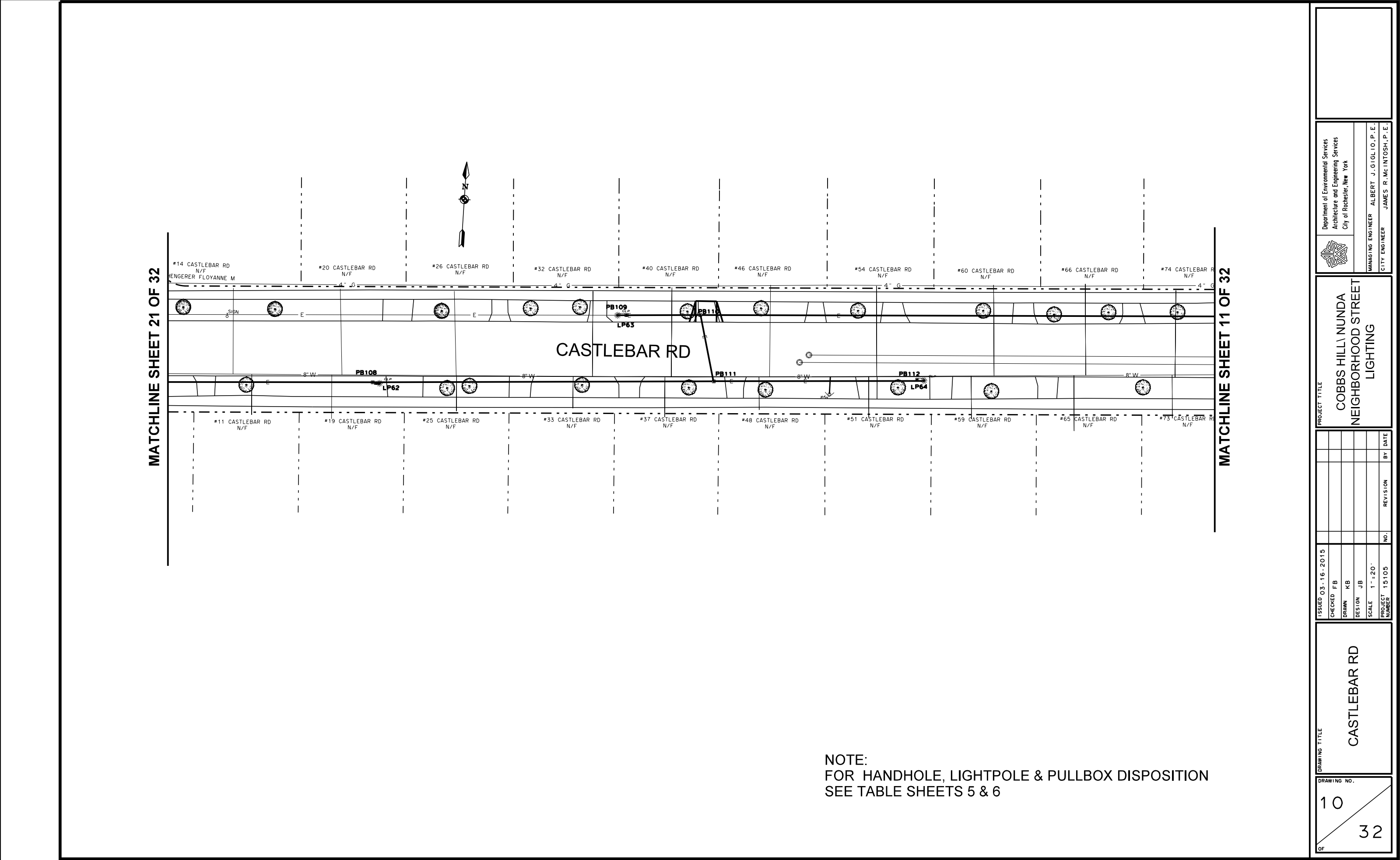
  

ISSUED 03.16.2015	CHECKED FB	DRAWN KB	DESIGN JB	SCALE 1" = 20'	PROJECT NUMBER 15105	NO.	REVISION	BY	DATE

DRAWING TITLE <b>SAN GABRIEL DR</b>	
DRAWING NO. <b>9</b>	OF <b>32</b>

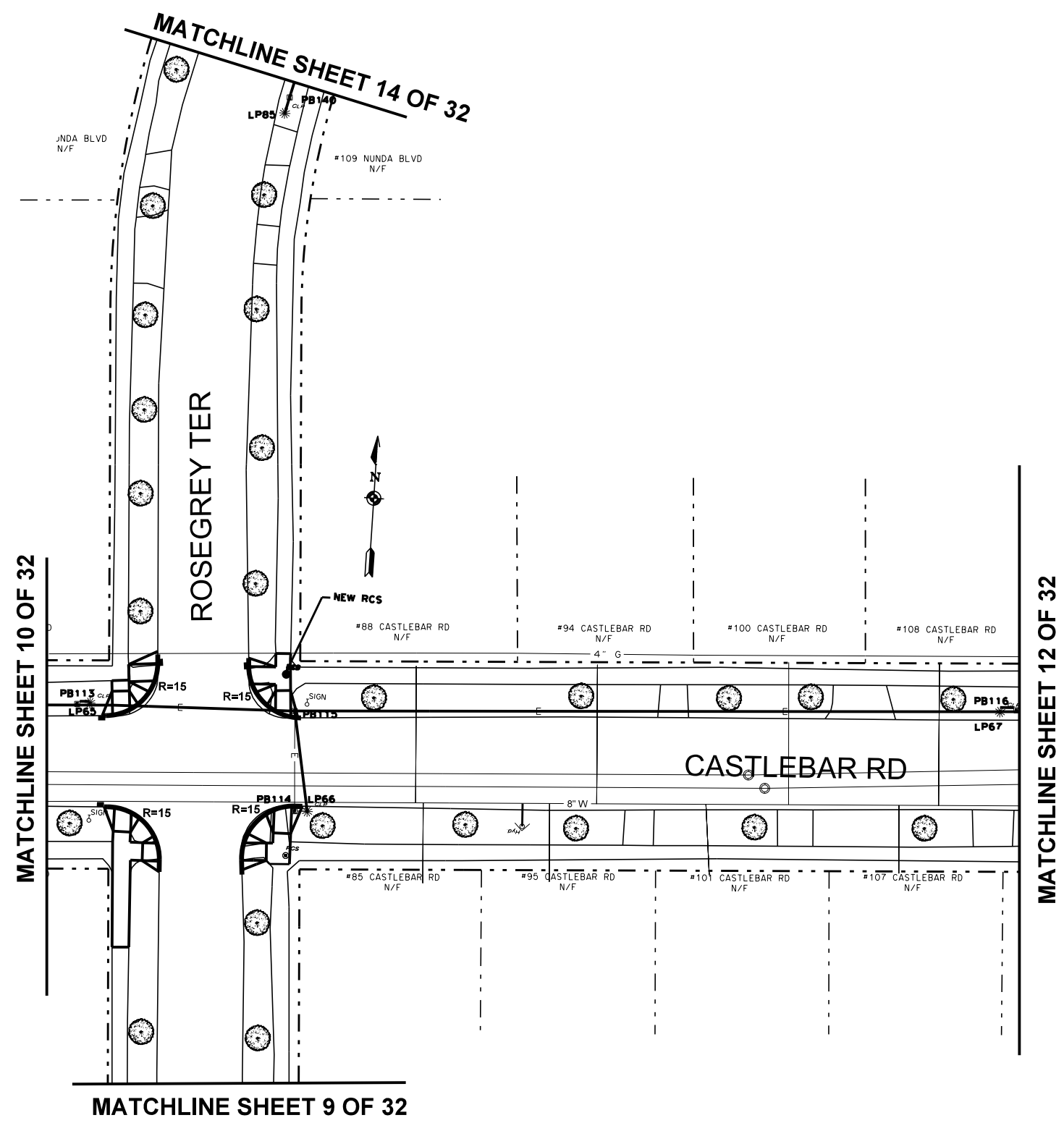




NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

		PROJECT TITLE <b>COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING</b>	
MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
ISSUED 03.16.2015 CHECKED FB DRAWN KB DESIGN JB SCALE 1" = 20' PROJECT NUMBER 15105		NO. REVISION BY DATE	
DRAWING TITLE <b>CASTLEBAR RD</b>		DRAWING NO. 10 / 32	

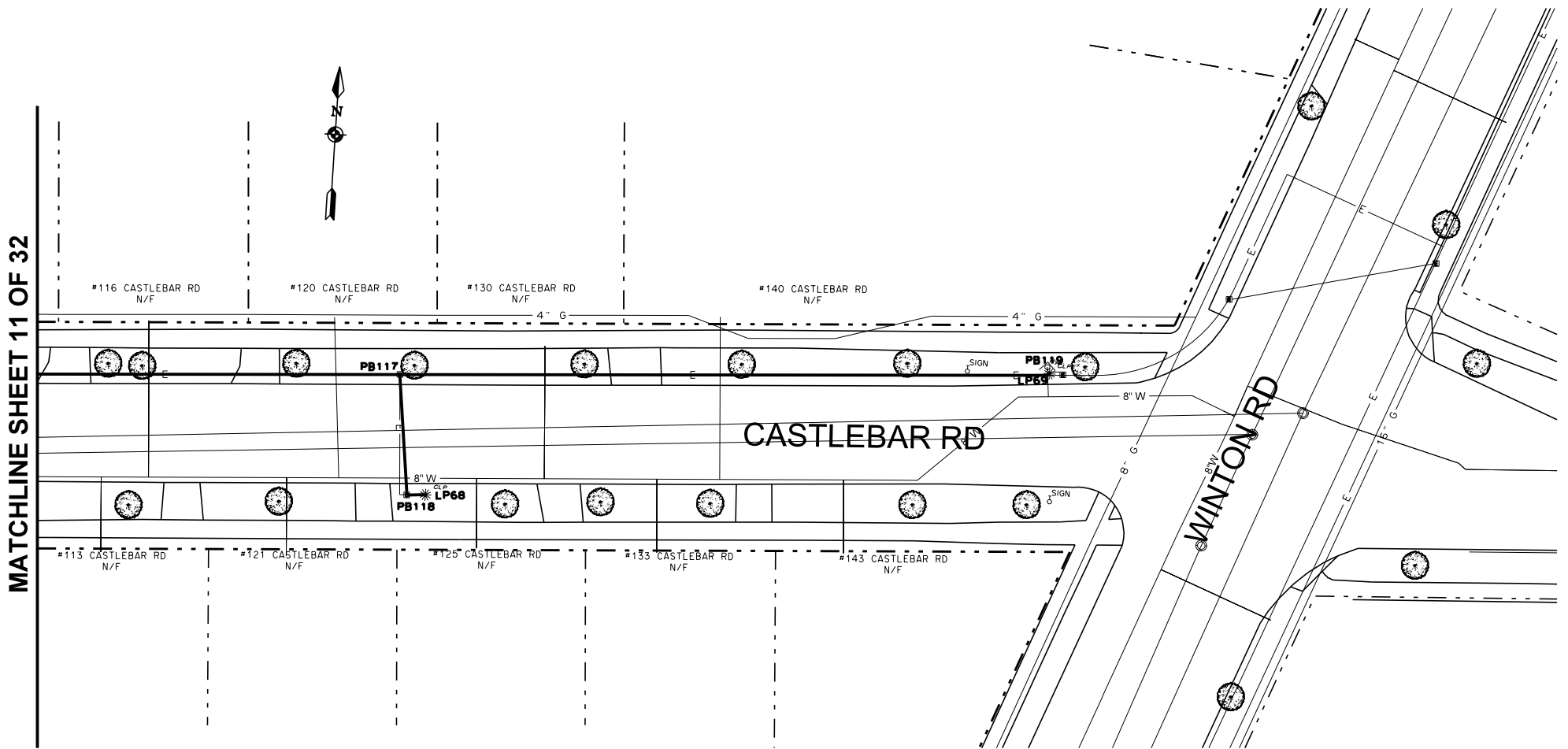




NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

DRAWING TITLE <b>CASTLEBAR RD</b>		ISSUED 03.16.2015		PROJECT TITLE <b>COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING</b>		Department of Environmental Services Architecture and Engineering Services City of Rochester, New York		MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
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OF		15105		SCALE 1" = 20'		PROJECT NUMBER					

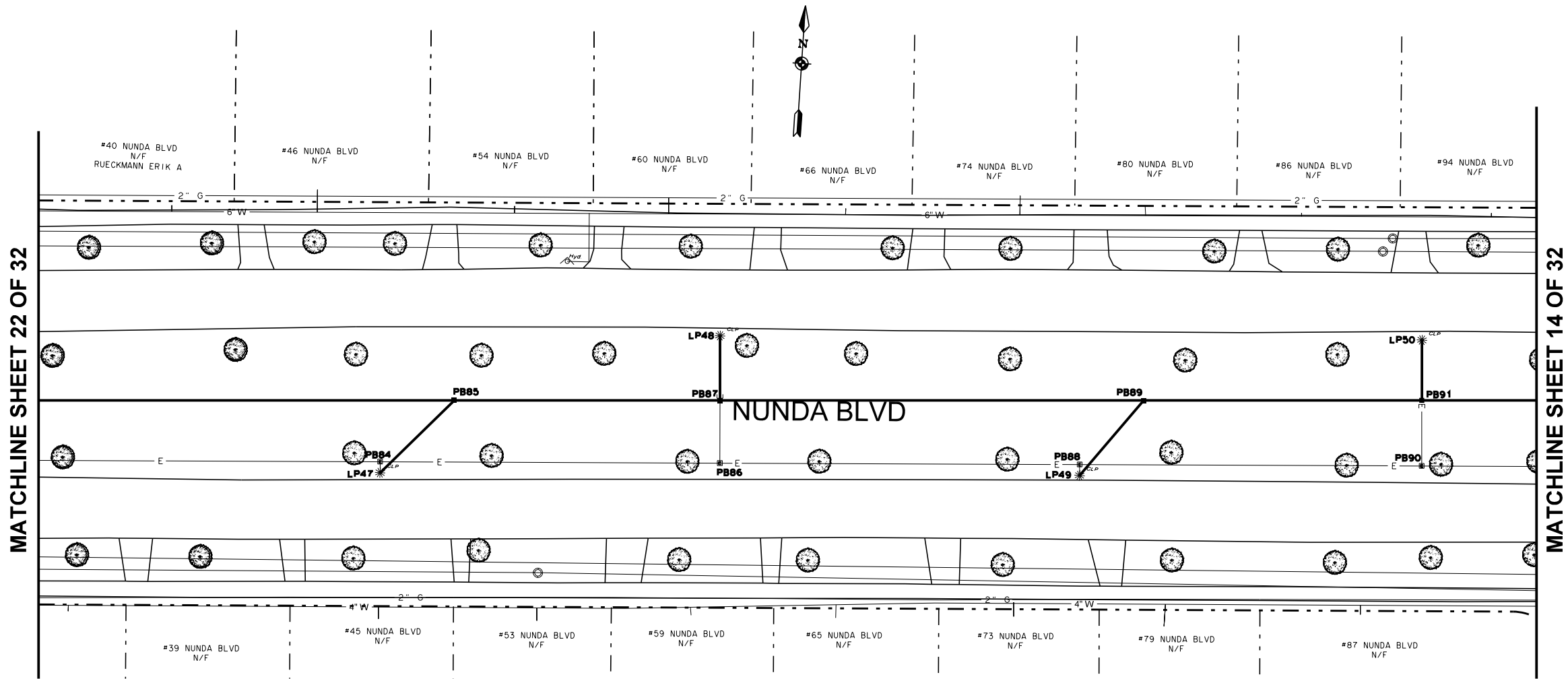





NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

DRAWING TITLE <b>CASTLEBAR RD</b>		PROJECT TITLE <b>COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING</b>		Department of Environmental Services Architecture and Engineering Services City of Rochester, New York		MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
ISSUED	03.16.2015	CHECKED	FB						
		DRAWN	KB						
		DESIGN	JB						
		SCALE	1" = 20'						
		PROJECT NUMBER	15105						
				NO.		REVISION		BY	DATE

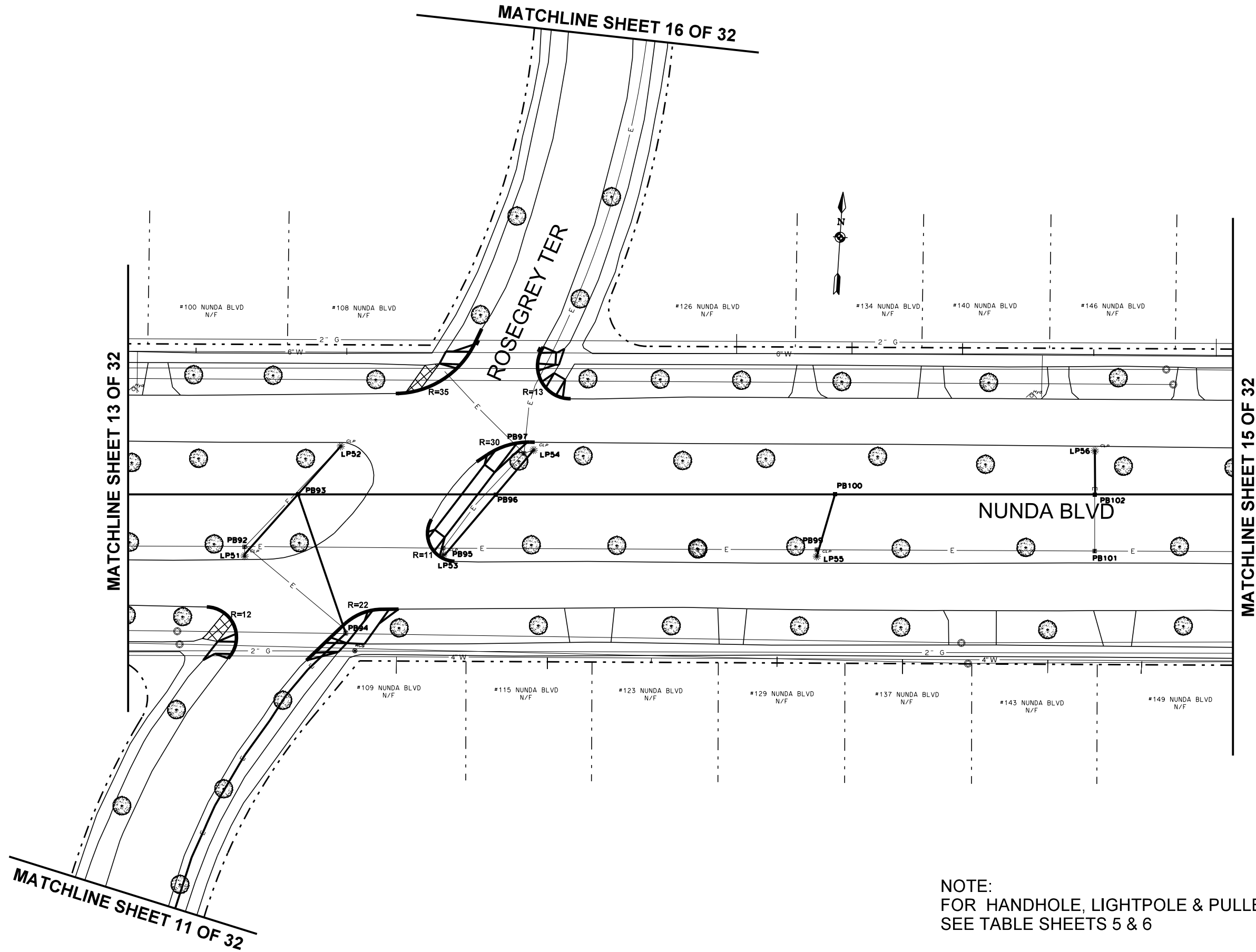




NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

		Department of Environmental Services Architecture and Engineering Services City of Rochester, New York	
MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
PROJECT TITLE COBBS HILL\ NUNDA NEIGHBORHOOD STREET LIGHTING			
ISSUED 03.16.2015	CHECKED FB	DRAWN KB	DESIGN JB
PROJECT NUMBER 15105	NO.	REVISION	BY DATE
DRAWING TITLE NUNDA BLVD			
DRAWING NO. 13		32	

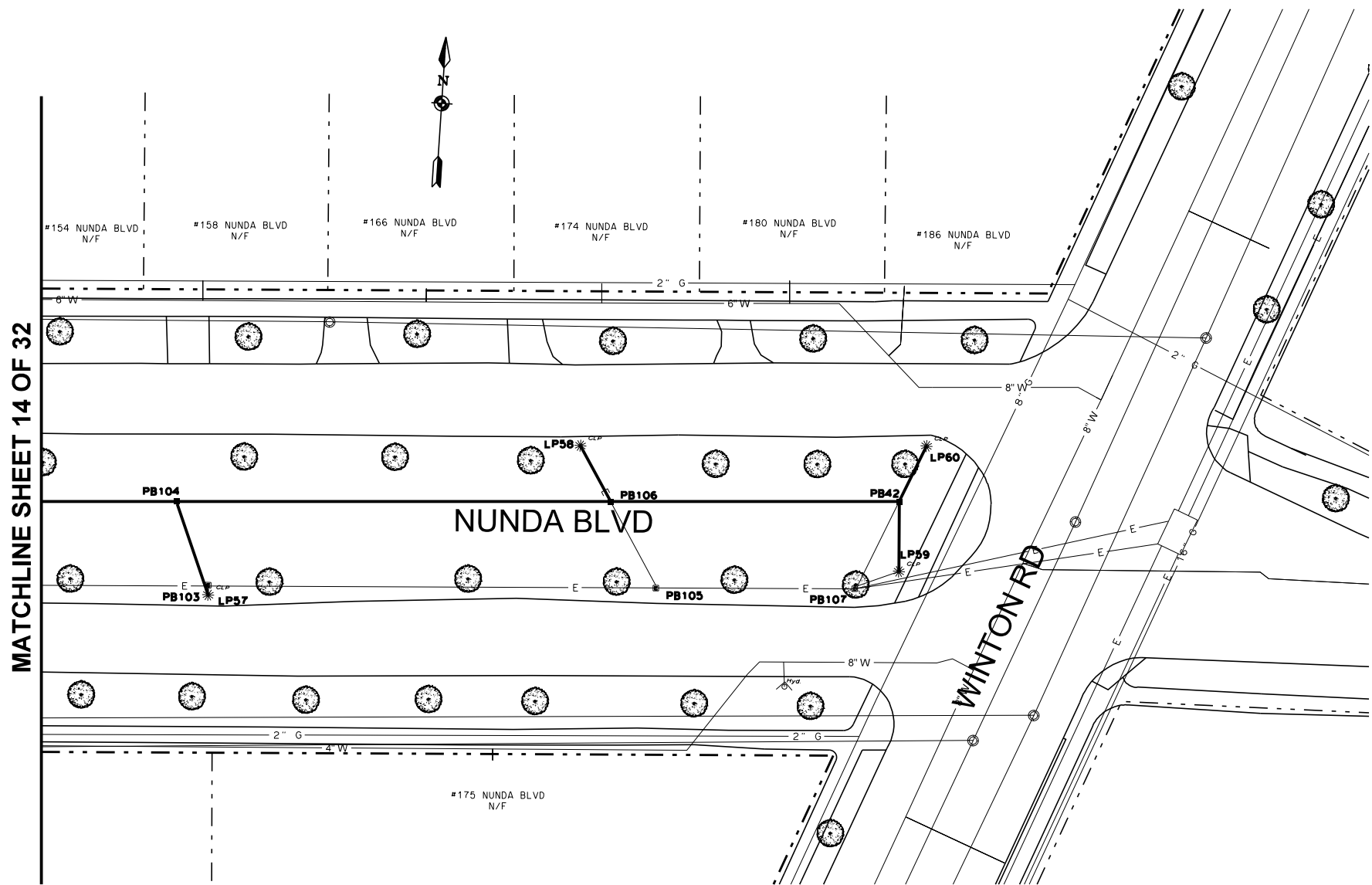




NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

PROJECT TITLE <b>COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING</b>		MANAGING ENGINEER ALBERT J. GIGLIO, P.E.	
CITY ENGINEER JAMES R. MCINTOSH, P.E.		Department of Environmental Services Architecture and Engineering Services City of Rochester, New York	
DRAWING TITLE <b>NUNDA BLVD</b>		ISSUED 03.16.2015	
DRAWING NO. <b>14</b>		CHECKED FB	
OF <b>32</b>		DRAWN KB	
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		NO. REVISION BY DATE	



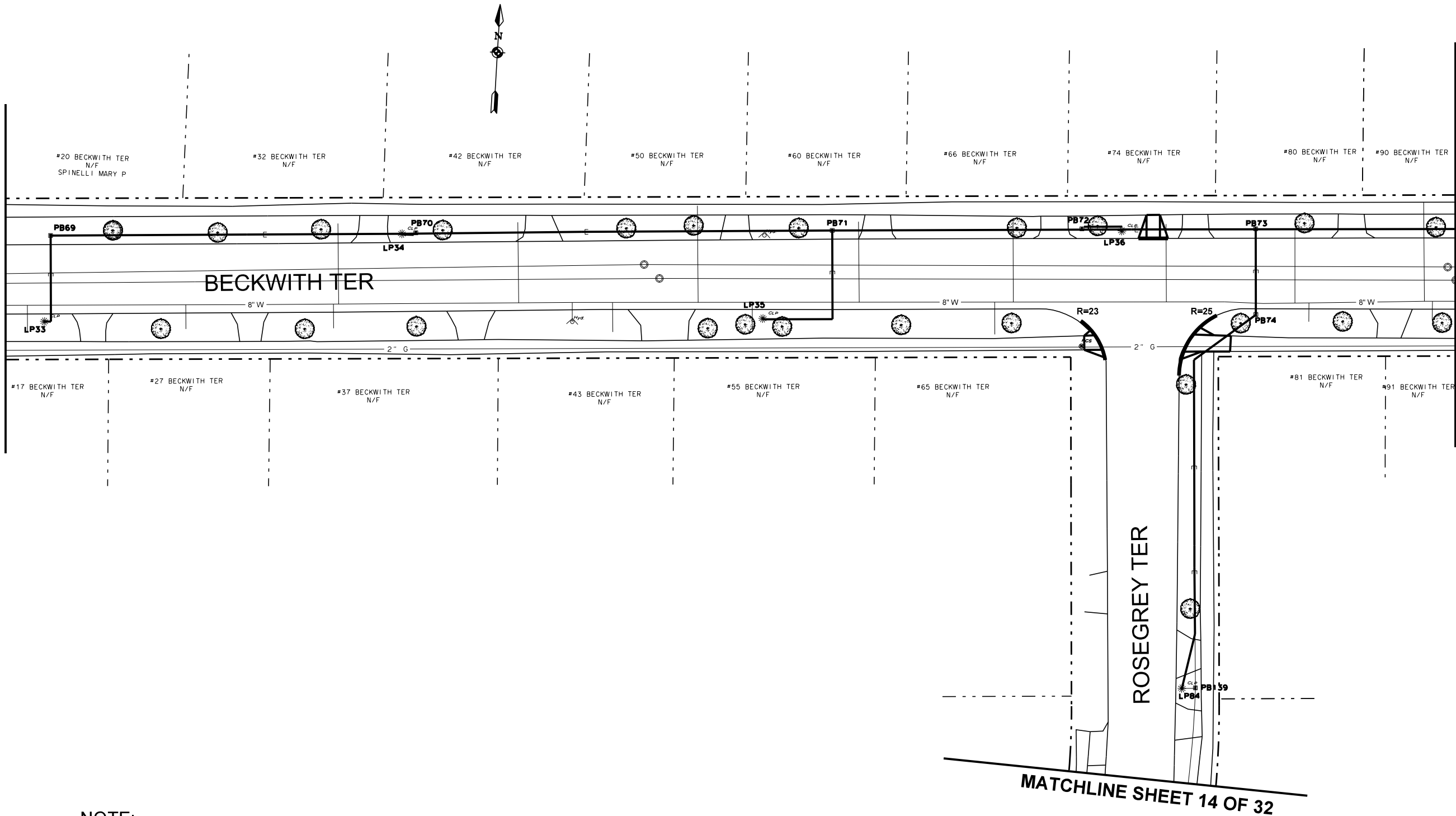


NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

DRAWING TITLE <b>NUNDA BLVD</b>		PROJECT TITLE <b>COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING</b>		MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
DRAWING NO. <b>15</b>		PROJECT NUMBER <b>15105</b>		ISSUED <b>03.16.2015</b>		CHECKED <b>FB</b>	
OF <b>32</b>		SCALE <b>1" = 20'</b>		DESIGN <b>JB</b>		DRAWN <b>KB</b>	
		REVISION		BY		DATE	



MATCHLINE SHEET 22 OF 32



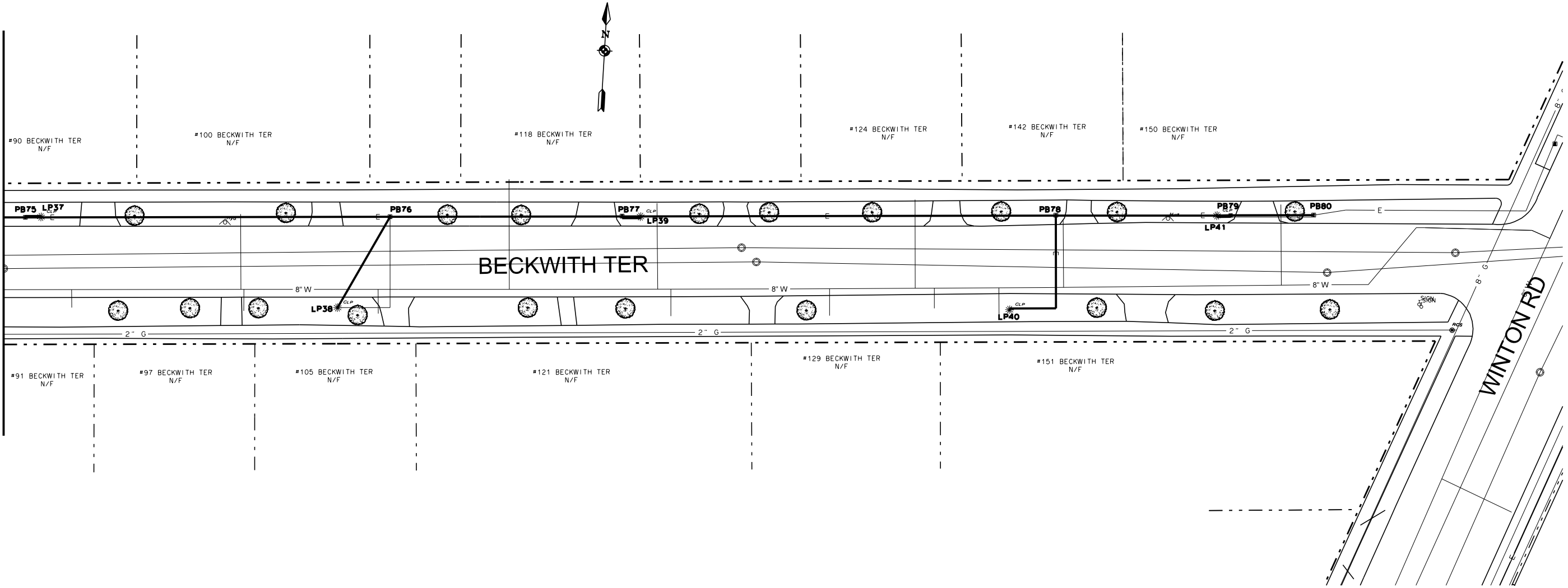
MATCHLINE SHEET 17 OF 32

NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

Department of Environmental Services Architecture and Engineering Services City of Rochester, New York		MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
PROJECT TITLE COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING					
ISSUED 03.16.2015		CHECKED FB	DRAWN KB	DESIGN JB	SCALE 1" = 20'
PROJECT NUMBER 15105		NO.	REVISION	BY	DATE
DRAWING TITLE BECKWITH TER		DRAWING NO. 16 OF 32			



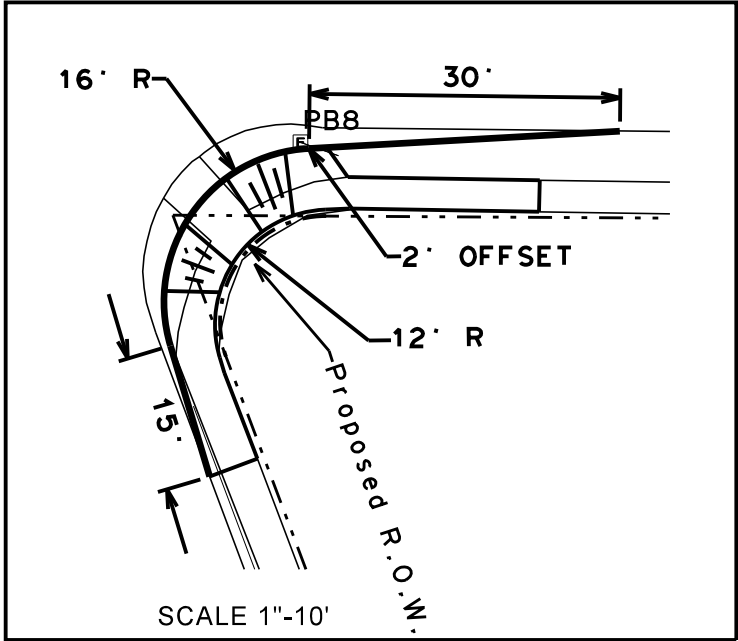
MATCHLINE SHEET 16 OF 32



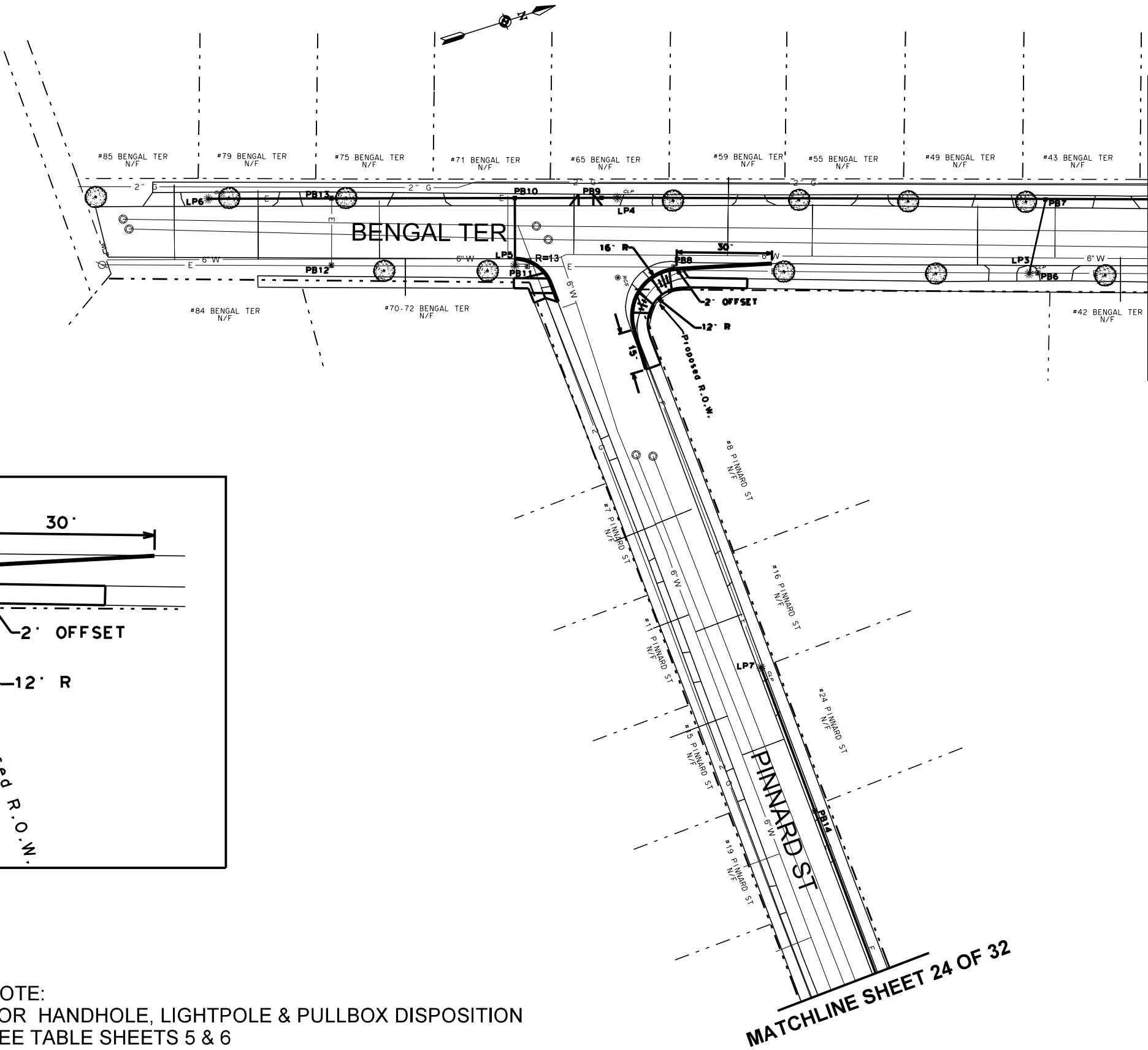
NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

PROJECT TITLE		DRAWING TITLE	
COBBS HILL\ NUNDA NEIGHBORHOOD STREET LIGHTING		BECKWITH TER	
PROJECT NO. 15105		DRAWING NO. 17	
ISSUED 03.16.2015		OF 32	
CHECKED FB	NO.	REVISION	BY
DRAWN KB			DATE
DESIGN JB			
SCALE 1" = 20'			
MANAGING ENGINEER ALBERT J. GIGLIO, P.E.		CITY ENGINEER JAMES R. MCINTOSH, P.E.	
Department of Environmental Services Architecture and Engineering Services City of Rochester, New York			





NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6



MATCHLINE SHEET 19 OF 32

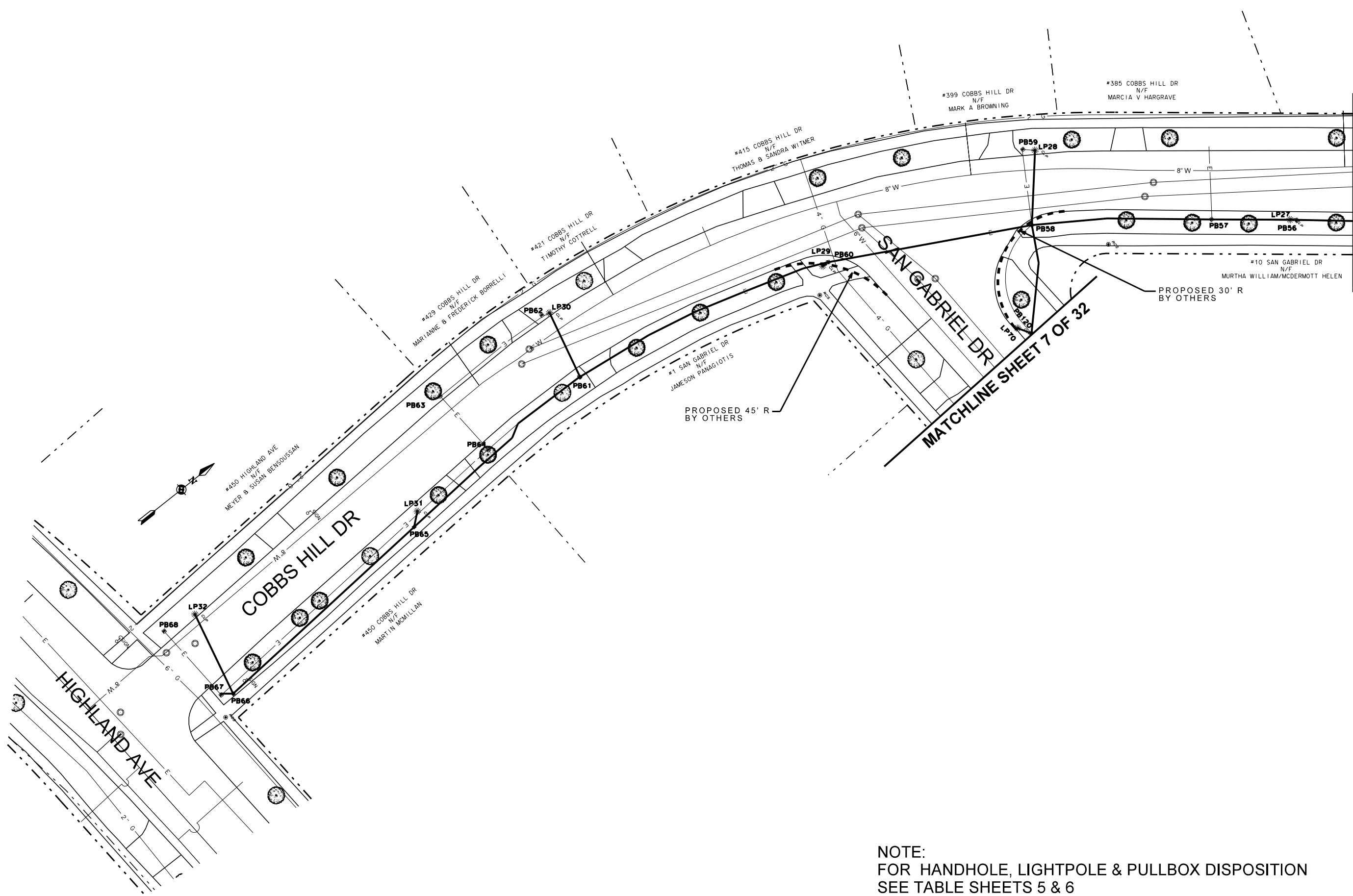
MATCHLINE SHEET 24 OF 32

DRAWING TITLE <b>BENGAL TER</b>		PROJECT TITLE <b>COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING</b>		Department of Environmental Services Architecture and Engineering Services City of Rochester, New York		MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
ISSUED	03.16.2015	CHECKED	FB	DRAWN	KB	DESIGN	JB	SCALE	1" = 20'
PROJECT NUMBER	15105	NO.		REVISION		BY		DATE	
18		32							









MATCHLINE SHEET 21 OF 32

MATCHLINE SHEET 7 OF 32

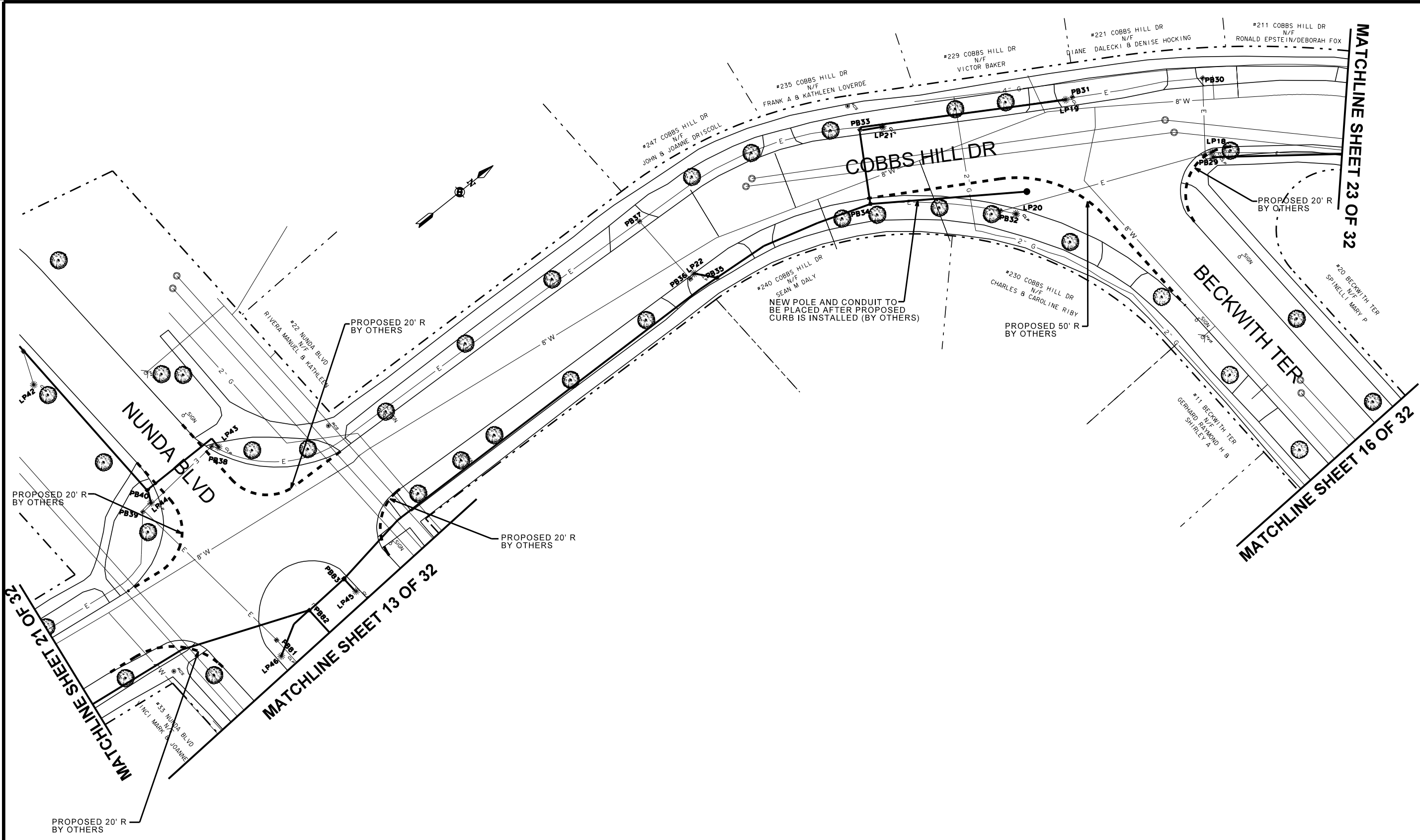
NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

PROJECT TITLE		COBBS HILL DRIVE	
PROJECT TITLE		COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING	
ISSUED 03.16.2015		CHECKED FB	DATE
DRAWN KB		REVISION	BY
DESIGN JB		NO.	DATE
SCALE 1" = 20'		PROJECT NUMBER 15105	
DRAWING TITLE		COBBS HILL DRIVE	
DRAWING NO.		20 OF 32	
Department of Environmental Services Architecture and Engineering Services City of Rochester, New York		MANAGING ENGINEER ALBERT J. GIGLIO, P.E. CITY ENGINEER JAMES R. MCINTOSH, P.E.	









NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

PROJECT TITLE

COBBS HILL\ NUNDA  
NEIGHBORHOOD STREET  
LIGHTING

ISSUED 03.16.2015

CHECKED FB

DRAWN KRB

DESIGN JB

SCALE 1"=20'

PROJECT NUMBER 15105

DRAWING TITLE

COBBS HILL DRIVE

DRAWING NO.

22

OF 32

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER

ALBERT J. GIGLIO, P.E.

CITY ENGINEER

JAMES R. MCINTOSH, P.E.

PROJECT TITLE

COBBS HILL\ NUNDA  
NEIGHBORHOOD STREET  
LIGHTING

ISSUED 03.16.2015

CHECKED FB

DRAWN KRB

DESIGN JB

SCALE 1"=20'

PROJECT NUMBER 15105

DRAWING TITLE

COBBS HILL DRIVE

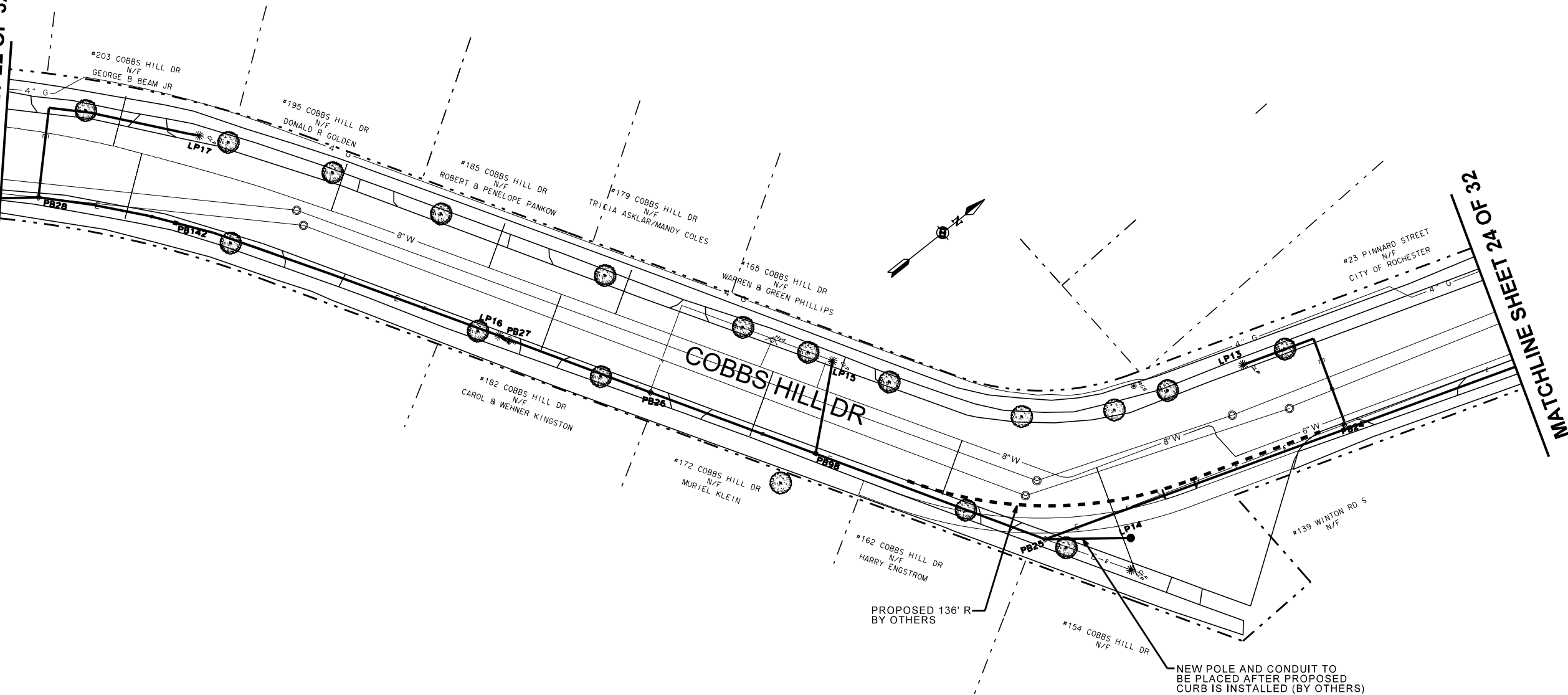
DRAWING NO.

22

OF 32



MATCHLINE SHEET 22 OF 32



NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER ALBERT J. GIGLIO, P.E.  
CITY ENGINEER JAMES R. MCINTOSH, P.E.

PROJECT TITLE  
COBBS HILL NUNDA  
NEIGHBORHOOD STREET  
LIGHTING

ISSUED	03.16.2015	NO.	REVISION	BY	DATE
CHECKED	FB				
DRAWN	KB				
DESIGN	JB				
SCALE	1"=20'				
PROJECT NUMBER	15105				

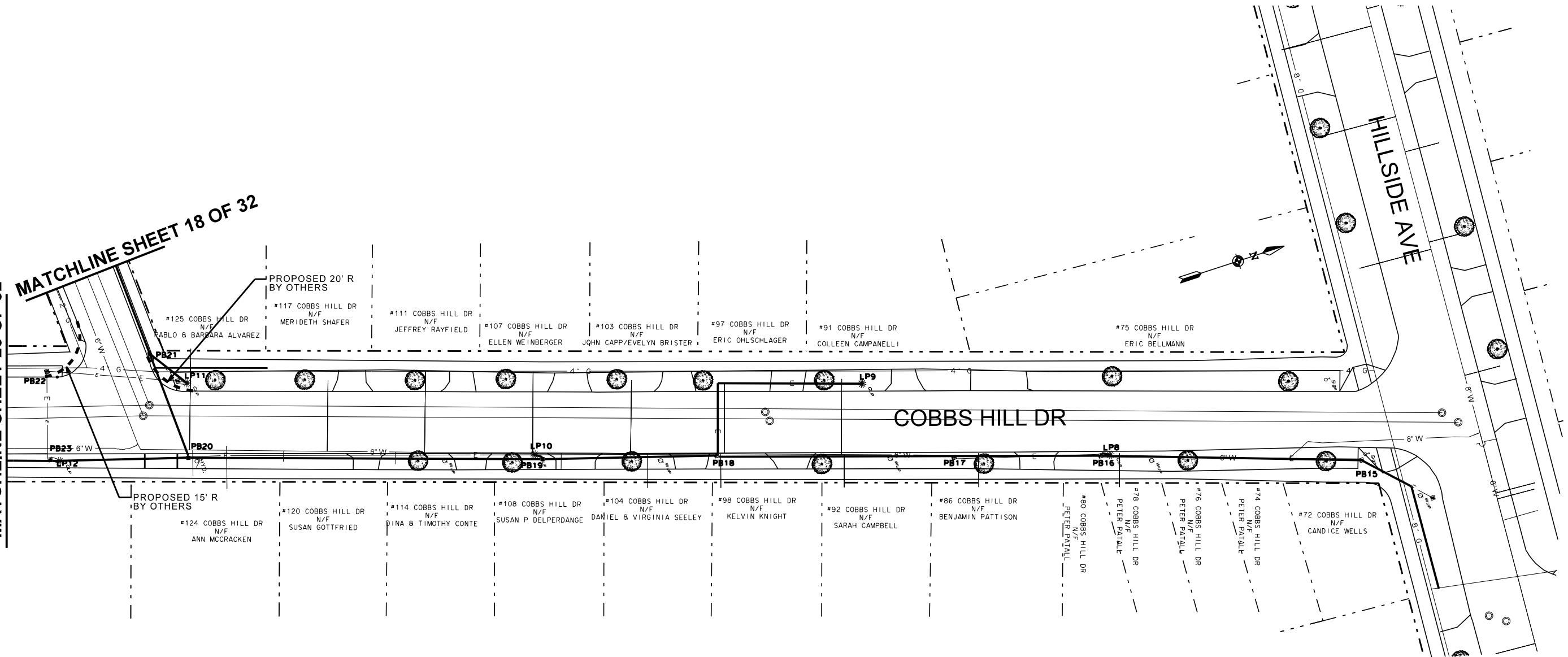
DRAWING TITLE  
COBBS HILL DRIVE

DRAWING NO.  
23  
OF 32



MATCHLINE SHEET 23 OF 32

MATCHLINE SHEET 18 OF 32



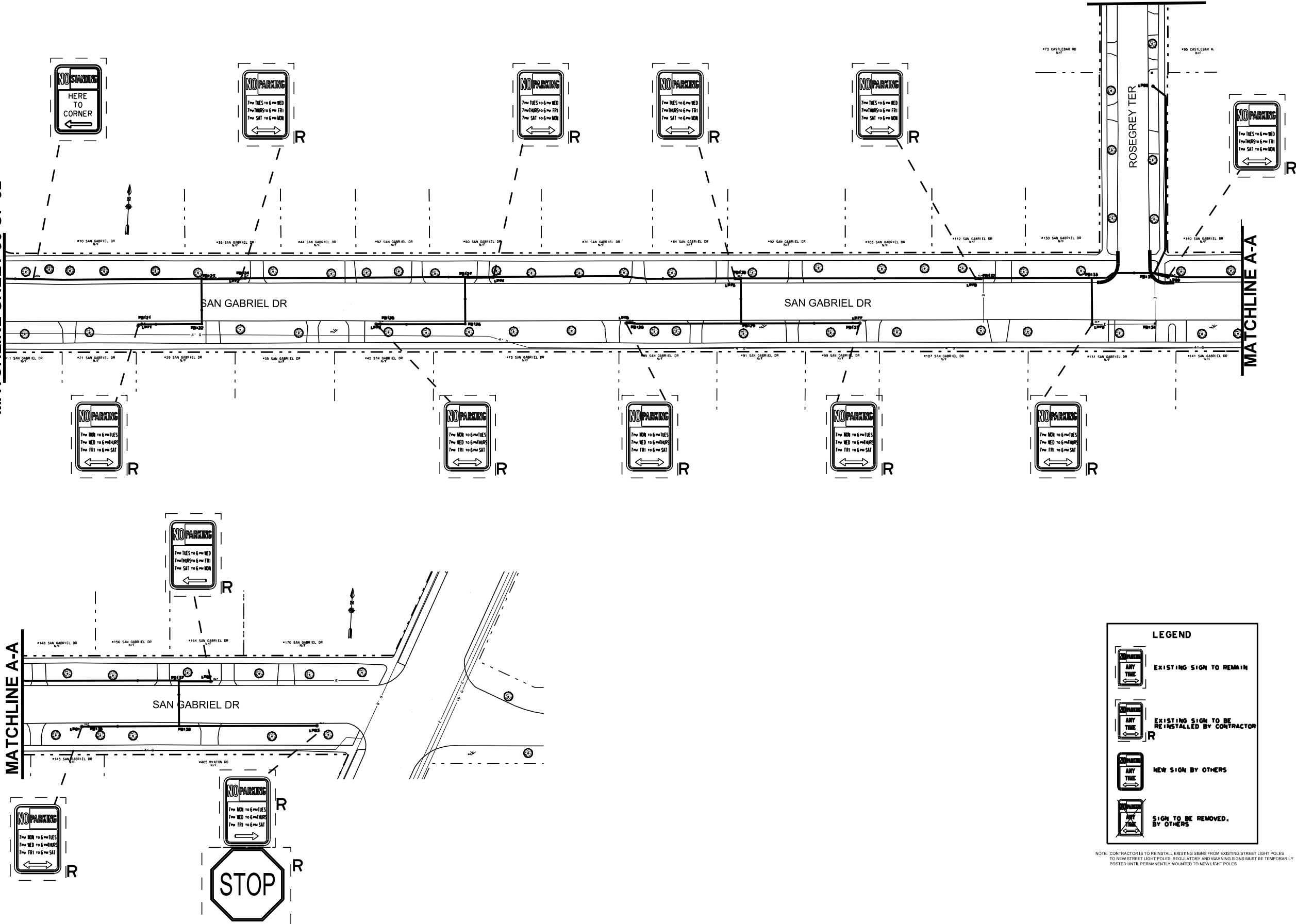
NOTE:  
FOR HANDHOLE, LIGHTPOLE & PULLBOX DISPOSITION  
SEE TABLE SHEETS 5 & 6

PROJECT TITLE		COBBS HILL DRIVE	
DRAWING NO.		24 / 32	
ISSUED 03.16.2015		PROJECT 15105	
CHECKED FB	DRAWN KB	DESIGN JB	SCALE 1"=20'
NO.		REVISION	BY DATE
PROJECT TITLE		COBBS HILL NUNDA NEIGHBORHOOD STREET LIGHTING	
Department of Environmental Services Architecture and Engineering Services City of Rochester, New York		MANAGING ENGINEER ALBERT J. GIGLIO, P.E. CITY ENGINEER JAMES R. MCINTOSH, P.E.	



MATCHLINE SHEET 30 OF 32

MATCHLINE A-A



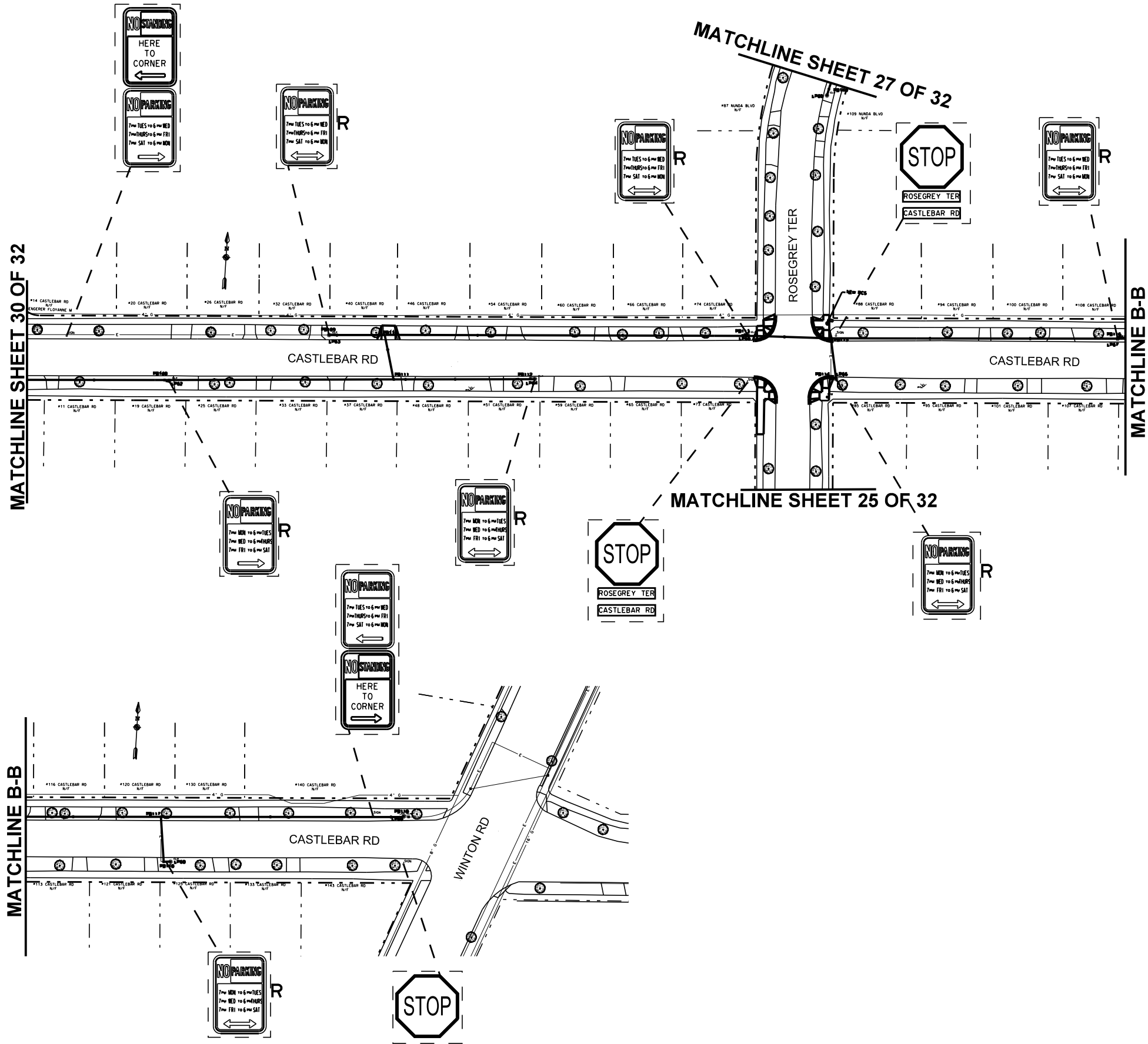
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	EXISTING SIGN TO REMAIN
	EXISTING SIGN TO BE REINSTALLED BY CONTRACTOR
	NEW SIGN BY OTHERS
	SIGN TO BE REMOVED BY OTHERS

NOTE: CONTRACTOR IS TO REINSTALL EXISTING SIGNS FROM EXISTING STREET LIGHT POLES TO NEW STREET LIGHT POLES. REGULATORY AND WARNING SIGNS MUST BE TEMPORARILY POSTED UNTIL PERMANENTLY MOUNTED TO NEW LIGHT POLES

Department of Environmental Services Architecture and Engineering Services City of Rochester, New York		MANAGING ENGINEER CITY ENGINEER		ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	
PROJECT TITLE COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING					
ISSUED 03.16.2015	CHECKED FB	DRAWN KB	DESIGN JB	SCALE 1" = 40'	PROJECT NUMBER 15105
DRAWING TITLE SAN GABRIEL DR SIGNAGE PLAN				NO.	REVISION
DRAWING NO. 25				OF 32	





**LEGEND**

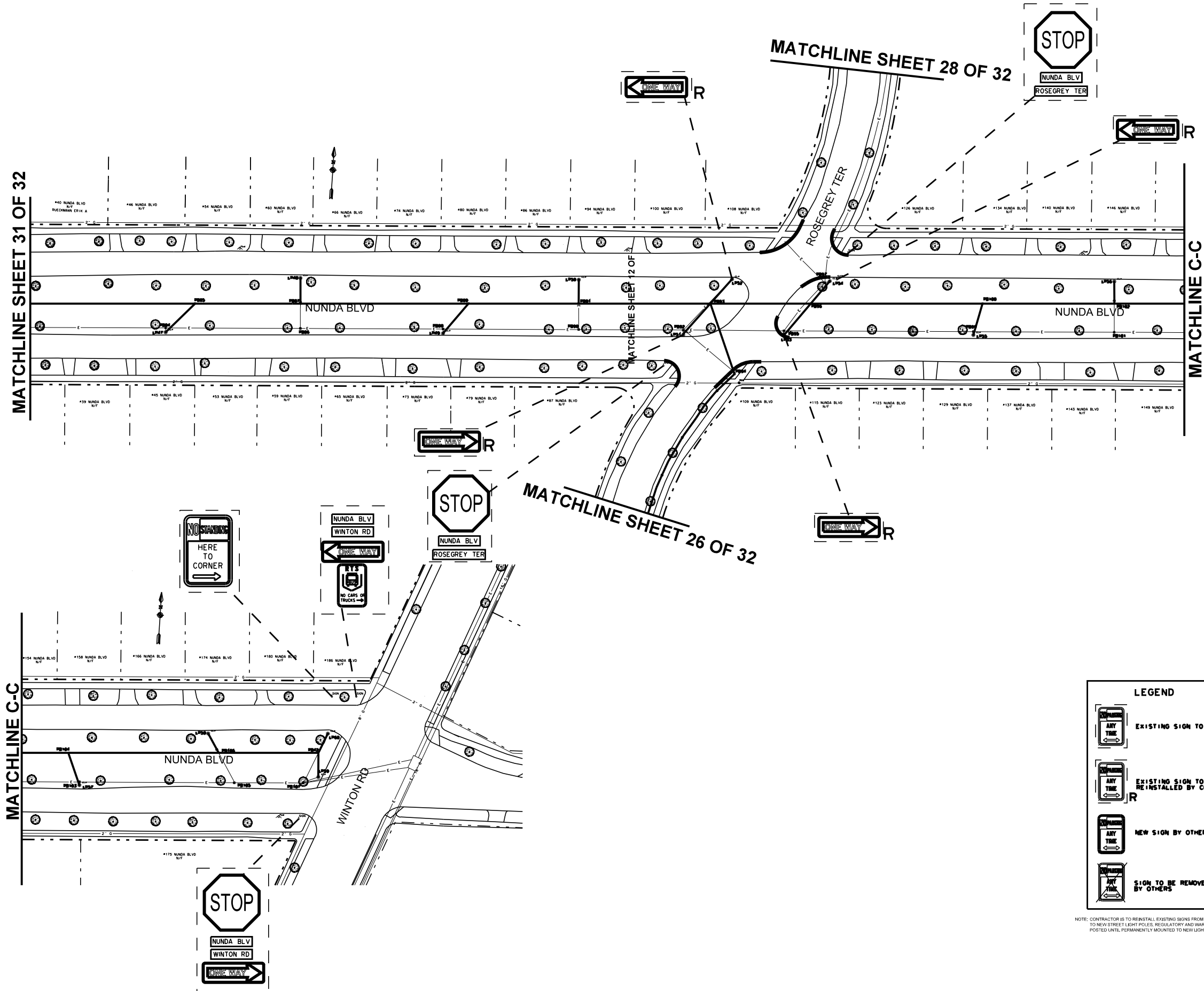
	EXISTING SIGN TO REMAIN
	EXISTING SIGN TO BE REINSTALLED BY CONTRACTOR
	NEW SIGN BY OTHERS
	SIGN TO BE REMOVED BY OTHERS

NOTE: CONTRACTOR IS TO REINSTALL EXISTING SIGNS FROM EXISTING STREET LIGHT POLES TO NEW STREET LIGHT POLES. REGULATORY AND WARNING SIGNS MUST BE TEMPORARILY POSTED UNTIL PERMANENTLY MOUNTED TO NEW LIGHT POLES

PROJECT TITLE COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING	
ISSUED 03.16.2015	
CHECKED FB	NO.
DRAWN KB	REVISION
DESIGN JB	BY
SCALE 1" = 40'	DATE
PROJECT NUMBER 15105	
DRAWING TITLE CASTLEBAR RD SIGNAGE PLAN	
DRAWING NO. 26 OF 32	

Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER ALBERT J. GIGLIO, P.E.  
CITY ENGINEER JAMES R. MCINTOSH, P.E.



PROJECT TITLE		COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING	
ISSUED 03.16.2015		CHECKED FB	PROJECT NUMBER 15105
DRAWN KB		DESIGN JB	NO.
SCALE 1" = 40'		REVISION	BY DATE
DRAWING TITLE		NUNDA BLVD SIGNAGE PLAN	
DRAWING NO.		27	
OF		32	

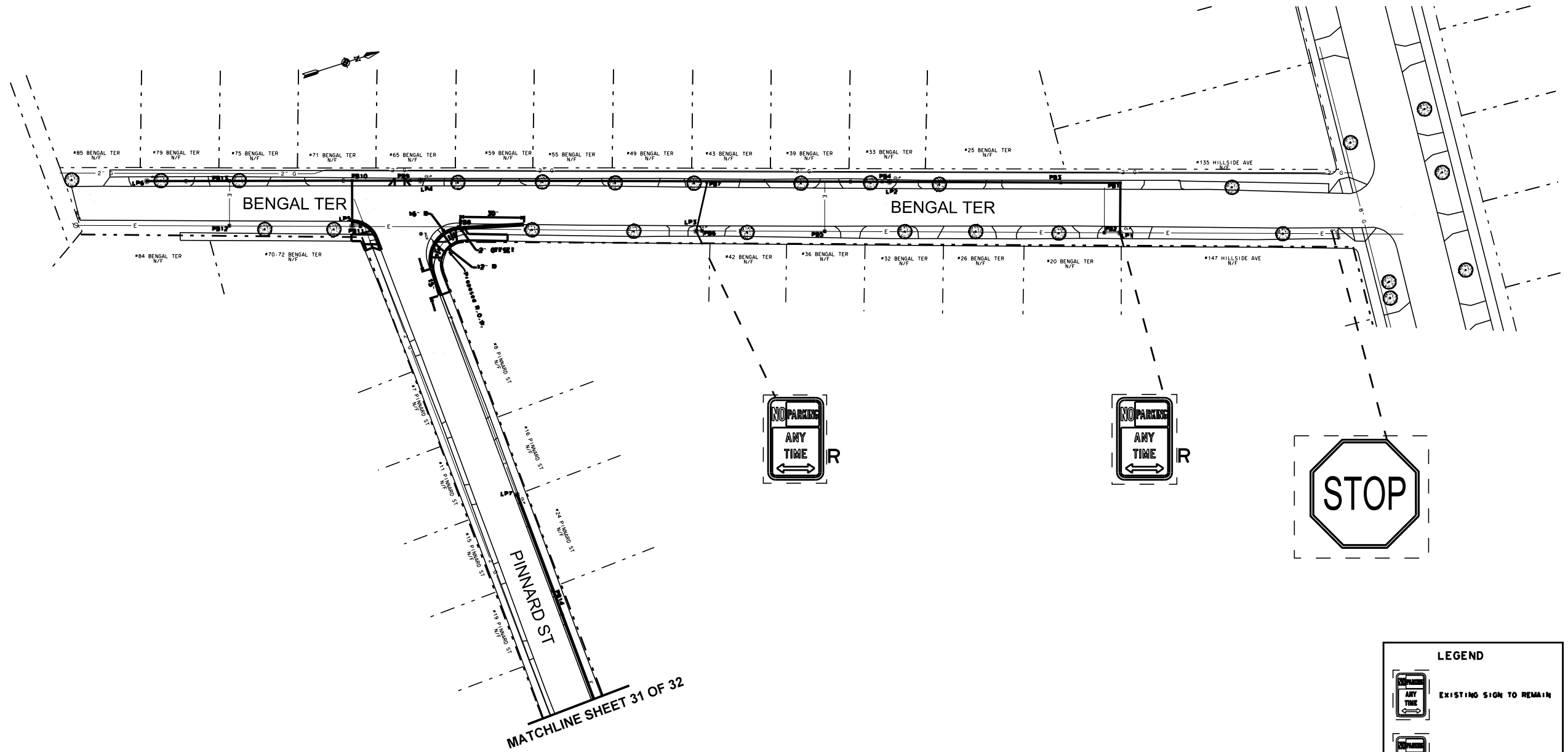
Department of Environmental Services  
Architecture and Engineering Services  
City of Rochester, New York

MANAGING ENGINEER  
CITY ENGINEER

ALBERT J. GIGLIO, P.E.  
JAMES R. MCINTOSH, P.E.







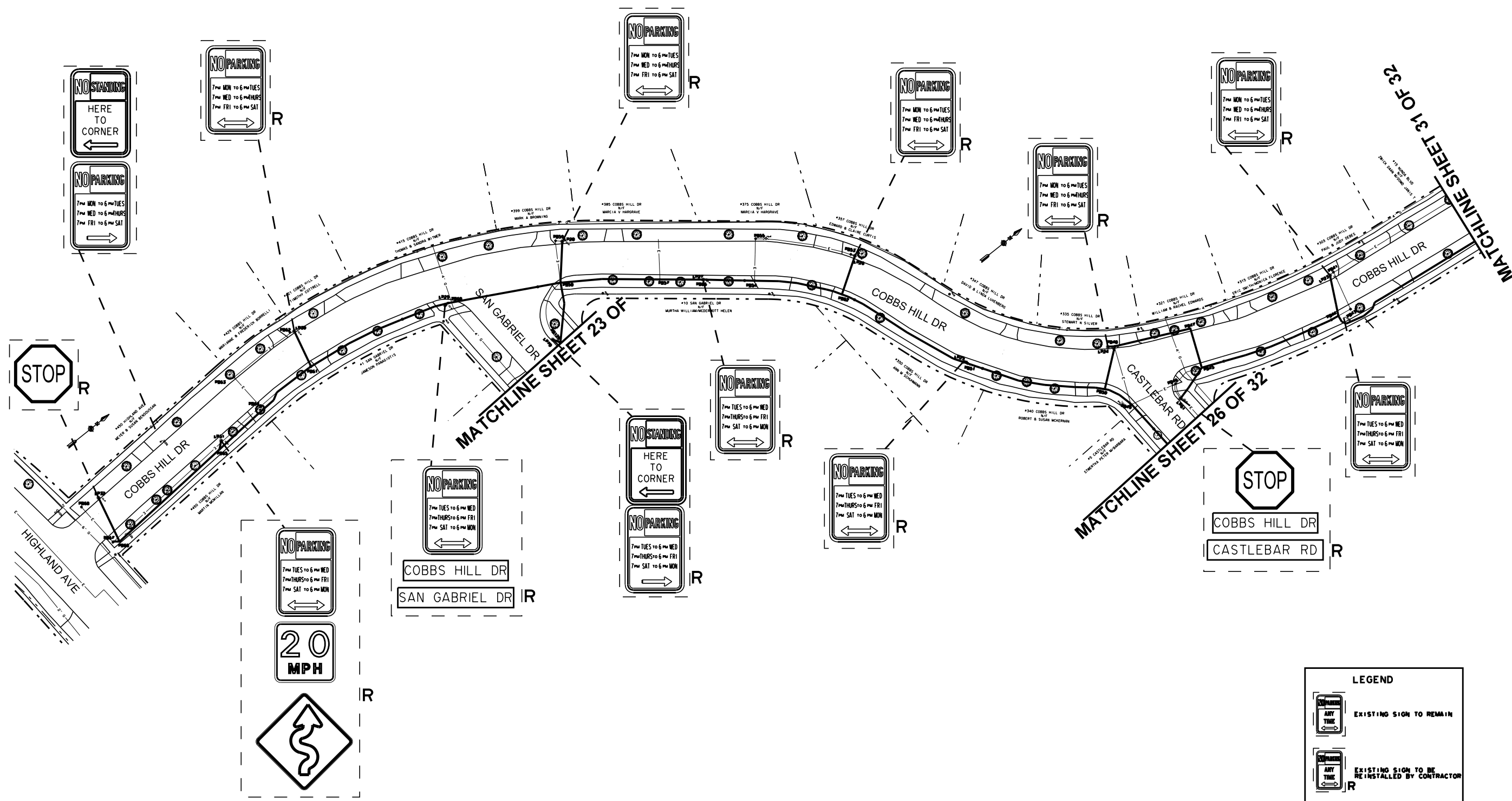
**LEGEND**

	EXISTING SIGN TO REMAIN
	EXISTING SIGN TO BE REINSTALLED BY CONTRACTOR
	NEW SIGN BY OTHERS
	SIGN TO BE REMOVED BY OTHERS

NOTE: CONTRACTOR IS TO REINSTALL EXISTING SIGNS FROM EXISTING STREET LIGHT POLES TO NEW STREET LIGHT POLES. REGULATORY AND WARNING SIGNS MUST BE TEMPORARILY POSTED UNTIL PERMANENTLY MOUNTED TO NEW LIGHT POLES

PROJECT TITLE		COBBS HILL \ NUNDA NEIGHBORHOOD STREET LIGHTING	
ISSUED 03.16.2015		CHECKED FB	DATE
DRAWN KB		DESIGN JB	BY
SCALE 1" = 30'		PROJECT NUMBER 15105	NO.
DRAWING TITLE		BENGAL TER SIGNAGE PLAN	
DRAWING NO.		29 OF 32	
MANAGING ENGINEER		CITY ENGINEER	
JAMES R. MCINTOSH, P.E.		ALBERT J. GIGLIO, P.E.	
Department of Environmental Services Architecture and Engineering Services City of Rochester, New York			





**LEGEND**

	EXISTING SIGN TO REMAIN
	EXISTING SIGN TO BE RE-INSTALLED BY CONTRACTOR
	NEW SIGN BY OTHERS
	SIGN TO BE REMOVED BY OTHERS

NOTE: CONTRACTOR IS TO REINSTALL EXISTING SIGNS FROM EXISTING STREET LIGHT POLES TO NEW STREET LIGHT POLES. REGULATORY AND WARNING SIGNS MUST BE TEMPORARILY POSTED UNTIL PERMANENTLY MOUNTED TO NEW LIGHT POLES

PROJECT TITLE <b>COBBS HILL\ NUNDA NEIGHBORHOOD STREET LIGHTING</b>	
ISSUED 03.16.2015	CHECKED FB
DRAWN KB	DESIGN JB
SCALE 1"=40'	PROJECT NUMBER 15105
NO.	REVISION
BY	DATE
DRAWING TITLE <b>COBBS HILL DRIVE SIGNAGE PALN</b>	
DRAWING NO. <b>30</b>	<b>32</b>
OF	

Department of Environmental Services Architecture and Engineering Services City of Rochester, New York	MANAGING ENGINEER CITY ENGINEER
ALBERT J. GIGLIO, P.E. JAMES R. MCINTOSH, P.E.	

