

**TOWNSHIP OF RADNOR  
DESIGN REVIEW BOARD**

|                       |                 |
|-----------------------|-----------------|
| TOWNSHIP USE ONLY     |                 |
| APPLICATION NO: _____ |                 |
| FEE PAID: _____       | RECEIVED: _____ |

**APPLICATION FORM**

**GENERAL INFORMATION:** Meetings of the Design Review Board are held the **second Wednesday of each month at 6:00 P.M. in the Township Municipal Building. All applicants must attend this meeting!!** Application must be filed with the Department of Community Development, along with all required information and appropriate fees, a minimum of **twenty-one (21)** calendar days prior to the meeting. **Incomplete or late applications will not be accepted!!** Applicants are encouraged to obtain and review a copy of Ordinance No 91-14 (Sign Code) and/or Ordinance 91-32 (Design Review); available in the Department of Community Development.

Please refer to the Consolidated Fee Schedule, as amended, on our website at [www.radnor.org](http://www.radnor.org) for a copy of our current fees.

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APPLICANT NAME: \_\_\_\_\_

PROPERTY ADDRESS: \_\_\_\_\_

IS THIS BUILDING STAND ALONE OR ATTACHED TO ANOTHER BUILDING?  
\_\_\_\_\_

MAILING ADDRESS: (if different than above): \_\_\_\_\_

TELEPHONE NO: (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

PROPERTY OWNER: \_\_\_\_\_

SIGN MANUFACTURER / CONTRACTOR / ARCHITECT:  
\_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

**Please provide a detailed description of proposal:**

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### **BUILDING ADDITION / ACCESSORY STRUCTURES:**

Submission requirements (All of the following **MUST** be submitted with application):

- Site plan drawn to scale - **6 copies** (max. size 24" X 36")
- Building elevation drawn to scale - **6 copies** (max. size 24" X 36")
- Colored rendering - **6 copies**
- Landscape plan - **6 copies** (max. size 24" X 36")
- Lighting plan - **6 copies**
- Current photographs of site - **6 copies**
- Material samples

### **NEW BUILDING:**

Submission requirements (All of the following **MUST** be submitted with application):

- Site plan drawn to scale - **6 copies** (max. size 24" X 36")
- Building elevation drawn to scale - **6 copies** (max. size 24" X 36")
- Colored rendering - **6 copies**
- Landscape plan - **6 copies** (max. size 24" X 36")
- Lighting plan - **6 copies**
- Current photographs of site - **6 copies**
- Material samples Material samples to be presented at meeting.

### **TELECOMMUNICATION ANTENNAS:**

Submission requirements (All of the following **MUST** be submitted with application):

- Site plan drawn to scale - **6 copies** (max. size 24" X 36")
- Building elevation - **6 copies** (max. size 24" X 36")
- Colored rendering - **6 copies**
- Current photographs - **6 copies**

### **OUTDOOR DINING:**

Submission requirements (All of the following **MUST** be submitted with application):

- A detailed/sketched site plan on 8 ½ x 11 paper, but not to exceed 24 X 36. All sidewalk obstruction shall be noted and detailed dimensions shall be clearly shown. (See attached sample site plan.) – **6 copies**
- A photograph of your proposed Outdoor Dining area. – **6 copies**
- A photograph or vendor specification of proposed furniture. – **6 copies**
- A photograph or vendor specification of proposed barrier and detail of how far it will extend onto the sidewalk – **6 copies**
- Description of proposed outdoor furniture which must include quantity, colors, materials, types of the following; chairs, tables, umbrellas, heaters, barriers. – **6 color copies**

**NOTE: All information must be separated into 6 individual packets. Please be sure ALL items on checklists are included in application packets. If all items are not included, the application will NOT be accepted.**

I hereby certify that I am the legal owner of the subject property as set forth in this application:

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PRINT NAME

\_\_\_\_\_  
SIGNATURE

I hereby certify that I am the legal representation and/or agent for the owner of the subject property as set forth in this application:

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PRINT NAME

\_\_\_\_\_  
SIGNATURE

**NOTE: Applications will not be reviewed without applicant's presence at the meeting. Failure to appear shall result in denial of application.**

4/11/13



# VMA RAMSA

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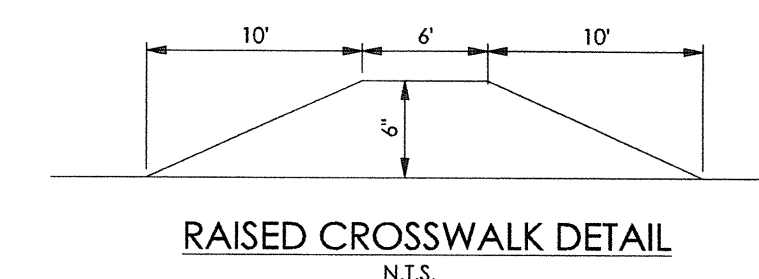
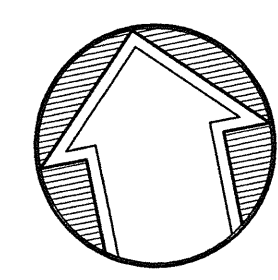
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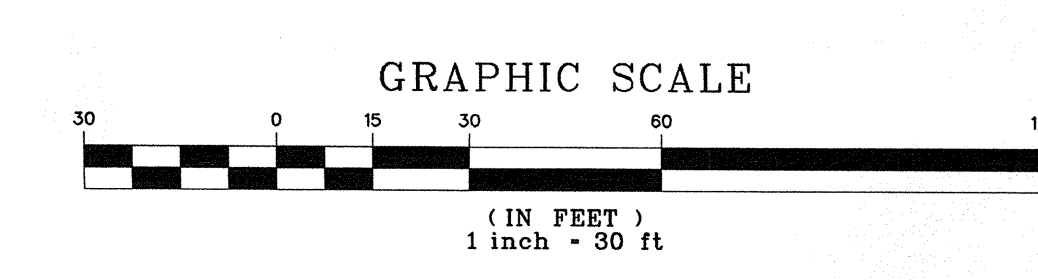
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Haddonfield NJ 08033  
phone dir: 856-433-6377  
phone main: 856-433-6380  
phone cell: 267-903-3753  
www.sikora-wa.com

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fax: 610-667-0216

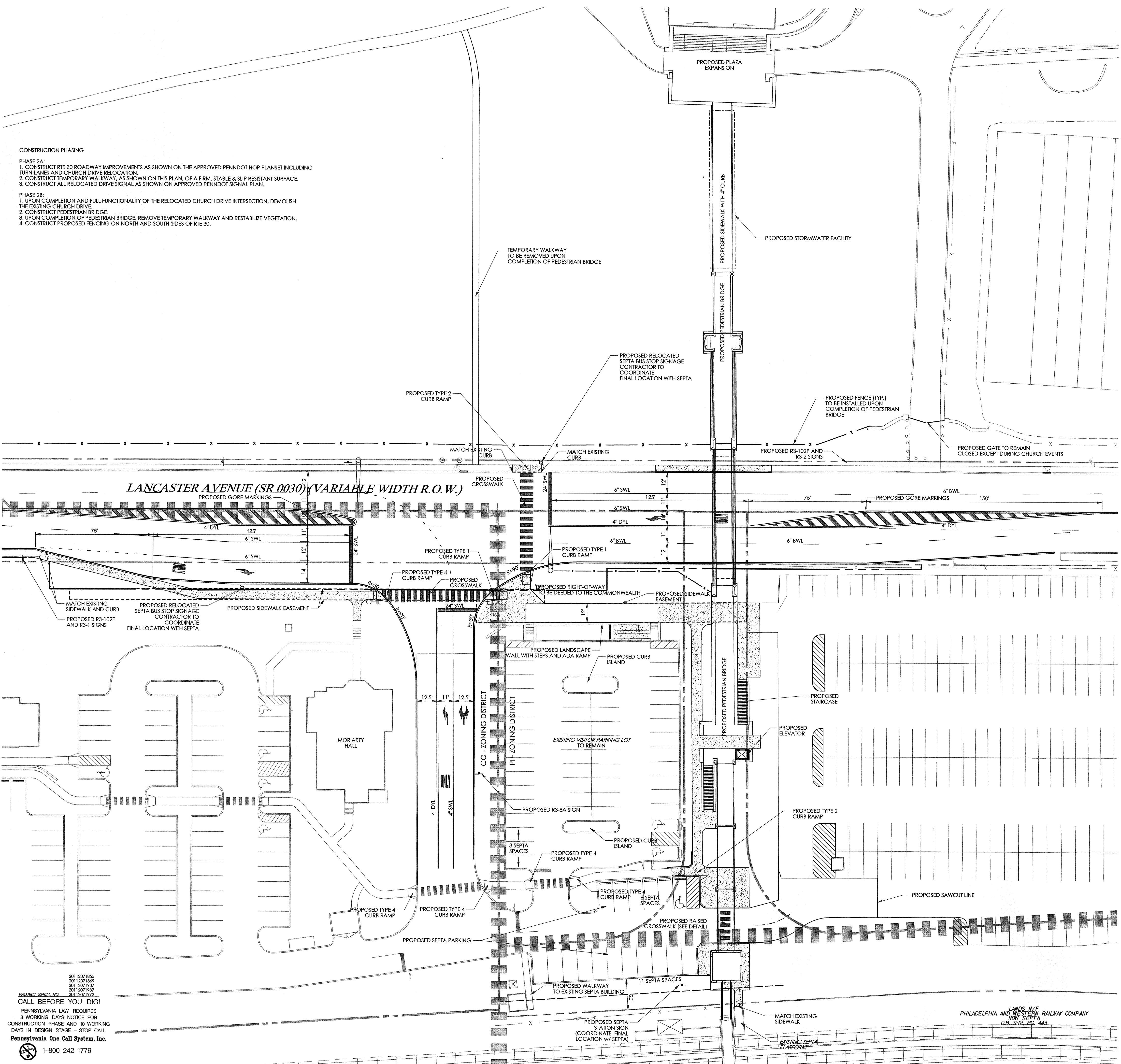


## LEGEND

- PROPERTY LINE
- - - LEGAL RIGHT-OF-WAY LINE
- - - EXISTING EDGE OF PAVEMENT
- ▭ EXISTING BUILDING
- - - EXISTING FENCE
- - - EXISTING RETAINING WALL
- - - EXISTING SIGN
- - - EXISTING TREELINE
- EXISTING TREE
- EXISTING RAILROAD TRACKS
- EXISTING WETLANDS
- - - EXISTING MAJOR CONTOUR
- - - EXISTING MINOR CONTOUR
- EXISTING STORM SEWER WITH MANHOLE
- EXISTING STORM INLET
- EXISTING WATER SERVICE WITH MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING GAS VALVE
- EXISTING UTILITY POLE WITH GUY WIRE
- EXISTING OVERHEAD WIRE
- EXISTING UNDERGROUND ELECTRIC SERVICE WITH MANHOLE
- EXISTING ELECTRIC METER
- EXISTING TRANSFORMER
- EXISTING CABLE SERVICE WITH CABLE BOX
- EXISTING UNDERGROUND TELEPHONE SERVICE WITH MANHOLE
- EXISTING TELEPHONE METER
- EXISTING LIGHT STANDARDS
- EXISTING TRAFFIC SIGNAL MAST ARM
- SOILS BOUNDARY LINE
- PROPOSED RIGHT-OF-WAY LINE
- PROPOSED CURB
- PROPOSED EDGE OF PAVEMENT
- ▭ PROPOSED BUILDING
- ▭ PROPOSED CONCRETE SIDEWALK OR PAD
- ▭ PROPOSED DECORATIVE FENCE
- ▭ PROPOSED RETAINING WALL
- ▭ PROPOSED SIGN
- ▭ PROPOSED ADA PARKING SPACE
- ▭ PROPOSED DUMPSTER ENCLOSURE WITH DUMPSTER, RECYCLING BINS, SCREEN WALLS AND SCREEN GATE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED TOP OF WALL
- PROPOSED BOTTOM OF WALL
- PROPOSED TOP OF CURB
- PROPOSED BOTTOM OF CURB
- PROPOSED FLUSHED CURB
- PROPOSED SANITARY MAIN
- PROPOSED SANITARY LATERAL
- PROPOSED STORM PIPE
- PROPOSED INLET / YARD DRAIN
- PROPOSED UNDERDRAIN / ROOF DRAIN
- PROPOSED FIRE SERVICE
- PROPOSED WATER SERVICE
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED UNDERGROUND TELECOM
- PROPOSED GAS LINE



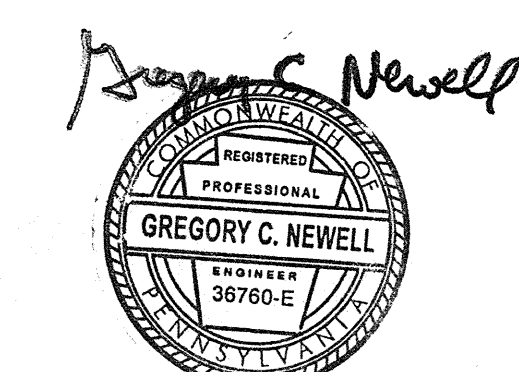
- CONSTRUCTION PHASING**
- PHASE 2A:**
1. CONSTRUCT RTE 30 ROADWAY IMPROVEMENTS AS SHOWN ON THE APPROVED PENNDOT HOP PLANSET INCLUDING TURN LANES AND CHURCH DRIVE RELOCATION.
  2. CONSTRUCT TEMPORARY WALKWAY, AS SHOWN ON THIS PLAN, OF A FIRM, STABLE & SLIP RESISTANT SURFACE.
  3. CONSTRUCT ALL RELOCATED DRIVE SIGNAL AS SHOWN ON APPROVED PENNDOT SIGNAL PLAN.
- PHASE 2B:**
1. UPON COMPLETION AND FULL FUNCTIONALITY OF THE RELOCATED CHURCH DRIVE INTERSECTION, DEMOLISH THE EXISTING CHURCH DRIVE.
  2. CONSTRUCT PEDESTRIAN BRIDGE.
  3. UPON COMPLETION OF PEDESTRIAN BRIDGE, REMOVE TEMPORARY WALKWAY AND RESTABILIZE VEGETATION.
  4. CONSTRUCT PROPOSED FENCING ON NORTH AND SOUTH SIDES OF RTE 30.



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20112071907  
20112071932  
20112072322  
20112072323

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## FINAL LAND DEVELOPMENT SUBMISSION

Revision #4 August 10, 2015  
Date March 13, 2015  
Title Site Plan

Scale 1" = 30'  
Drawn By DWN

# C2.1

Sheet No. 4 of 20

Contractor to verify all dimensions in field and inform  
Architect of any discrepancies before starting work.

# VMA RAMSA

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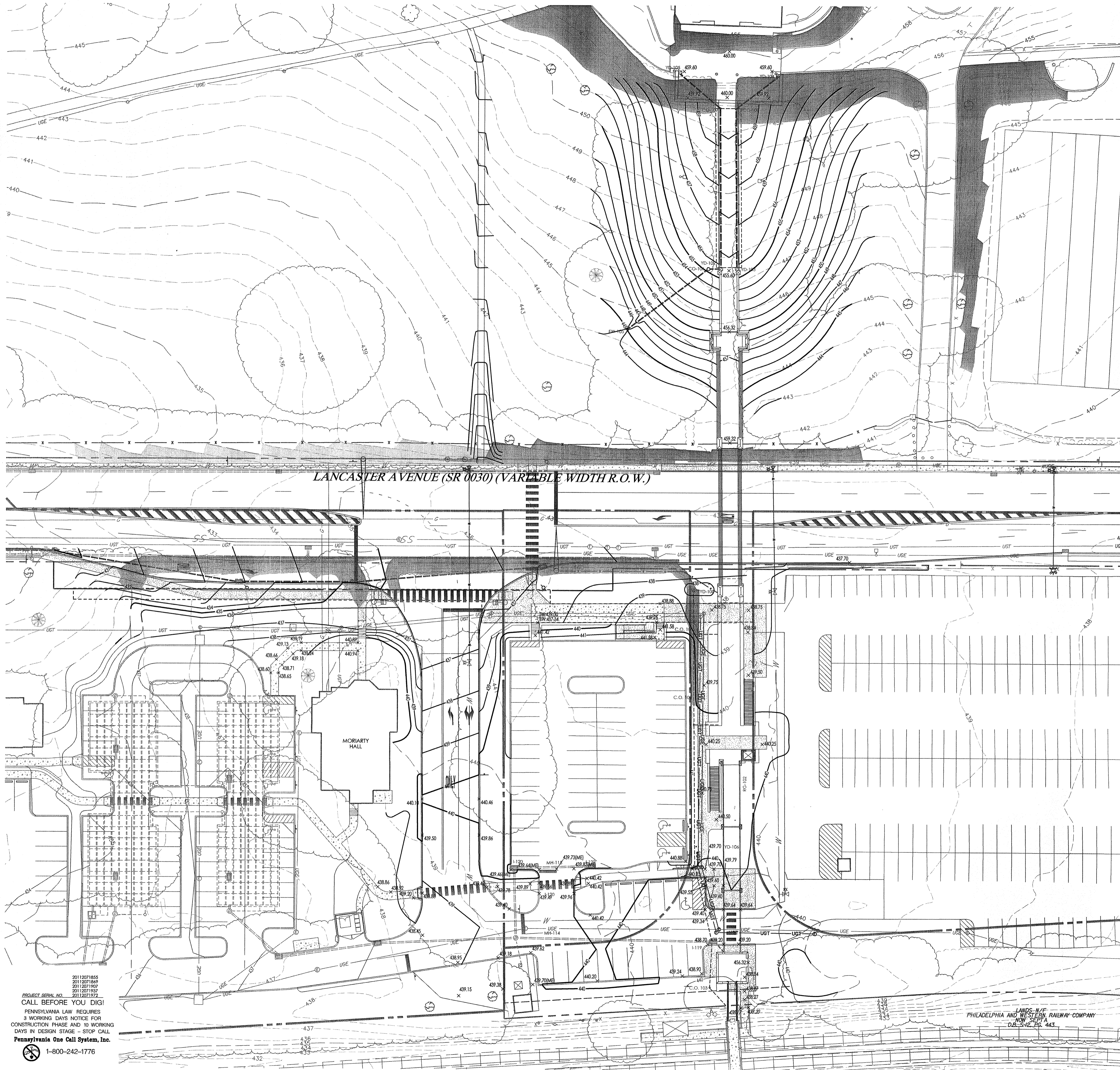
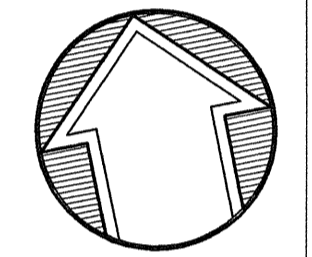
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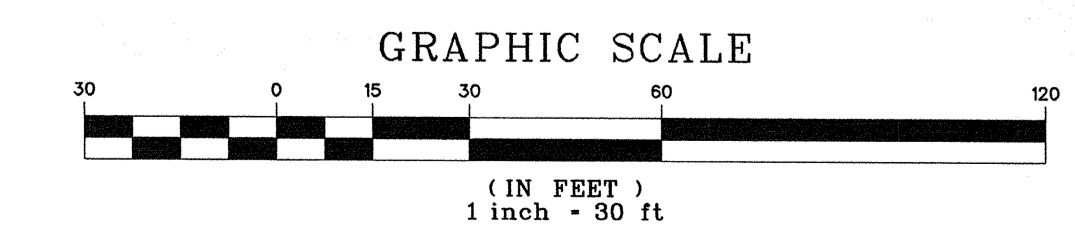
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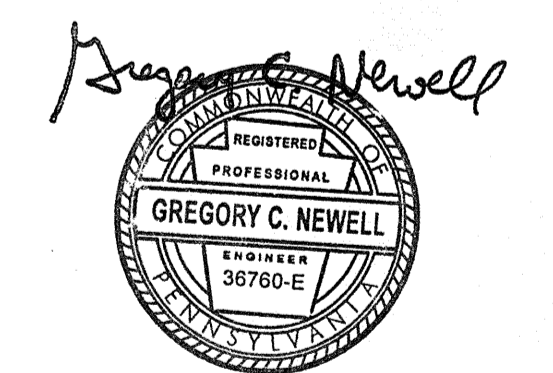


### LEGEND

|  |   |
|--|---|
|  | PROPERTY LINE   |
|  | LEGAL RIGHT-OF-WAY LINE   |
|  | EXISTING CURB   |
|  | EXISTING EDGE OF PAVEMENT   |
|  | EXISTING BUILDING   |
|  | EXISTING FENCE  |
|  | EXISTING RETAINING WALL   |
|  | EXISTING SIGN   |
|  | EXISTING TREE LINE  |
|  | EXISTING TREE   |
|  | EXISTING RAILROAD TRACKS  |
|  | EXISTING WETLANDS   |
|  | EXISTING MAJOR CONTOUR  |
|  | EXISTING MINOR CONTOUR  |
|  | EXISTING STORM SEWER WITH MANHOLE   |
|  | EXISTING STORM SEWER WITHOUT MANHOLE  |
|  | EXISTING WATER SERVICE WITH MANHOLE   |
|  | EXISTING WATER SERVICE WITHOUT MANHOLE  |
|  | EXISTING FIRE HYDRANT   |
|  | EXISTING GAS VALVE  |
|  | EXISTING UTILITY POLE WITH GUY WIRE   |
|  | EXISTING OVERHEAD WIRE  |
|  | EXISTING UNDERGROUND ELECTRIC SERVICE WITH MANHOLE                                      |
|  | EXISTING UNDERGROUND ELECTRIC SERVICE WITHOUT MANHOLE                                   |
|  | EXISTING TRANSFORMER  |
|  | EXISTING CABLE SERVICE WITH CABLE BOX   |
|  | EXISTING UNDERGROUND TELEPHONE SERVICE WITH MANHOLE                                     |
|  | EXISTING TELEPHONE METER  |
|  | EXISTING LIGHT STANDARD   |
|  | EXISTING TRAFFIC SIGNAL MAST ARM  |
|  | SOILS BOUNDARY LINE   |
|  | PROPOSED RIGHT-OF-WAY LINE  |
|  | PROPOSED CURB   |
|  | PROPOSED EDGE OF PAVEMENT   |
|  | PROPOSED BUILDING   |
|  | PROPOSED CONCRETE SIDEWALK OR PAD   |
|  | PROPOSED DECORATIVE FENCE   |
|  | PROPOSED RETAINING WALL   |
|  | PROPOSED SIGN   |
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|  | PROPOSED TOP OF WALL  |
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|  | PROPOSED TOP OF CURB  |
|  | PROPOSED BOTTOM OF CURB   |
|  | PROPOSED FLUSHED CURB   |
|  | PROPOSED SANITARY MAIN  |
|  | PROPOSED SANITARY LATERAL   |
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|  | PROPOSED WATER SERVICE  |
|  | PROPOSED UNDERGROUND ELECTRIC   |
|  | PROPOSED UNDERGROUND TELECOM  |
|  | PROPOSED GAS LINE   |



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### FINAL LAND DEVELOPMENT SUBMISSION

Revision #4 August 10, 2015  
 Date March 13, 2015  
 Title Grading Plan

Scale 1" = 30'  
 Drawn By DWN

Villanova University  
Church Walk and Bridge

Lancaster and Ithan Avenues  
Villanova, PA 19085

**VMA  
RAMSA**

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FINAL LAND DEVELOPMENT  
PLANS

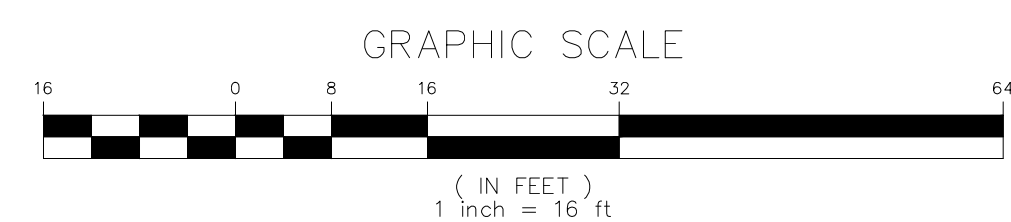
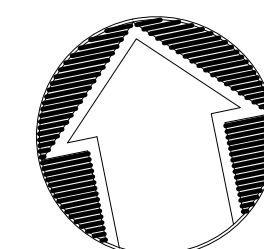
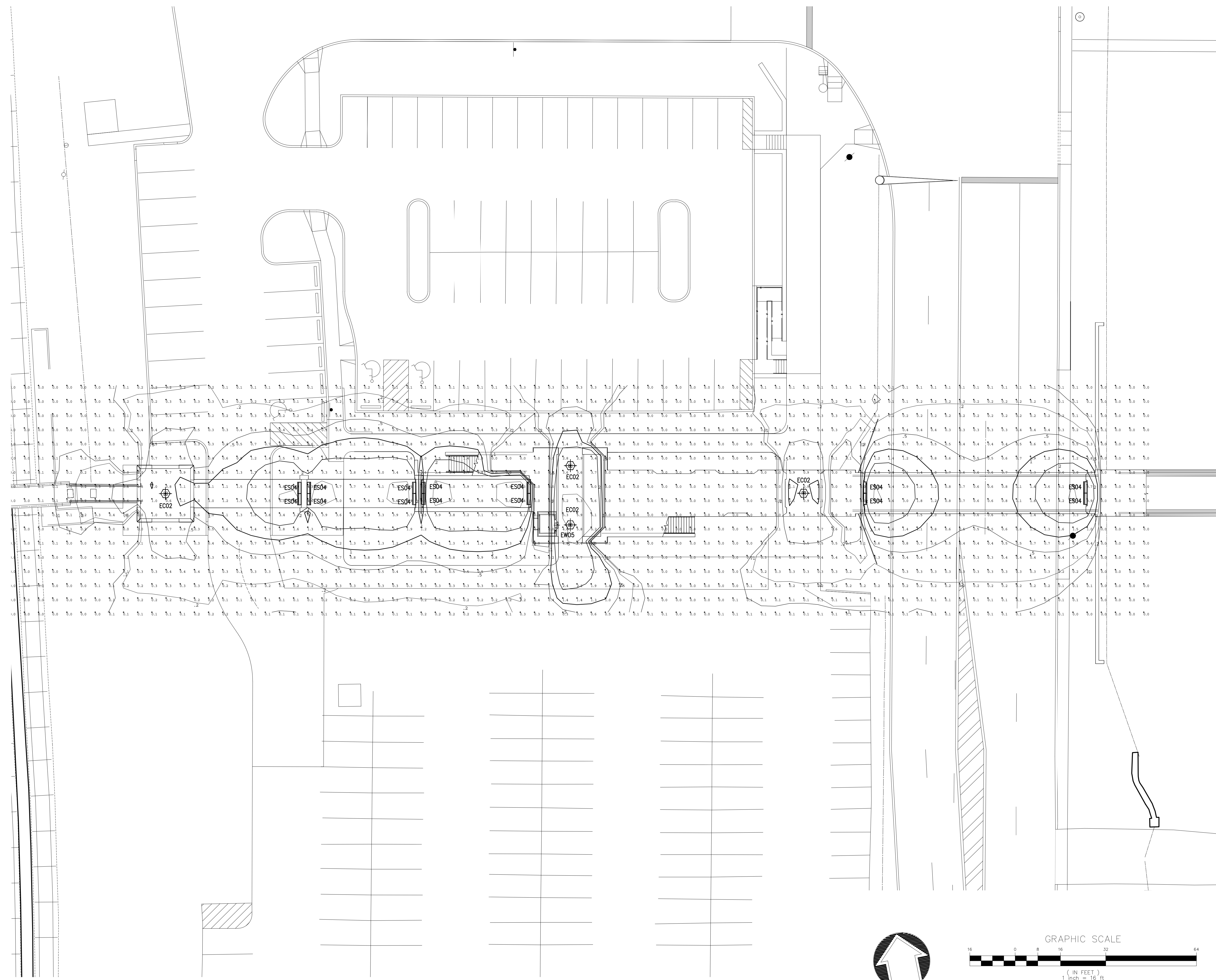
Revision August 10, 2015  
Date March 13, 2015  
Title Site Lighting Plan

Scale 1" = 16'  
Drawn By JO/JL

**C7.1**

Sheet No. 13 of 20

Contractor to verify all dimensions in field and inform  
Architect of any discrepancies before starting work.



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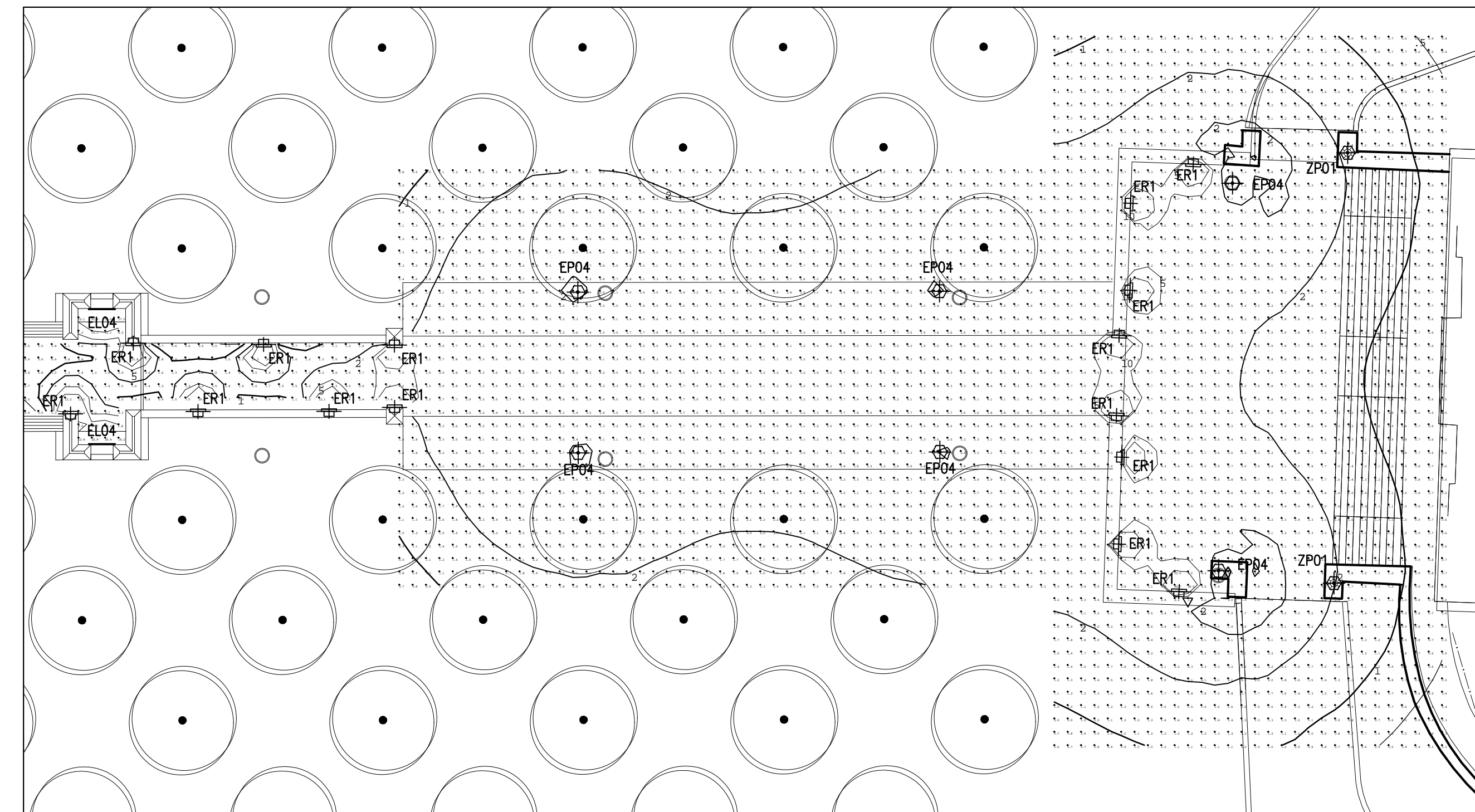
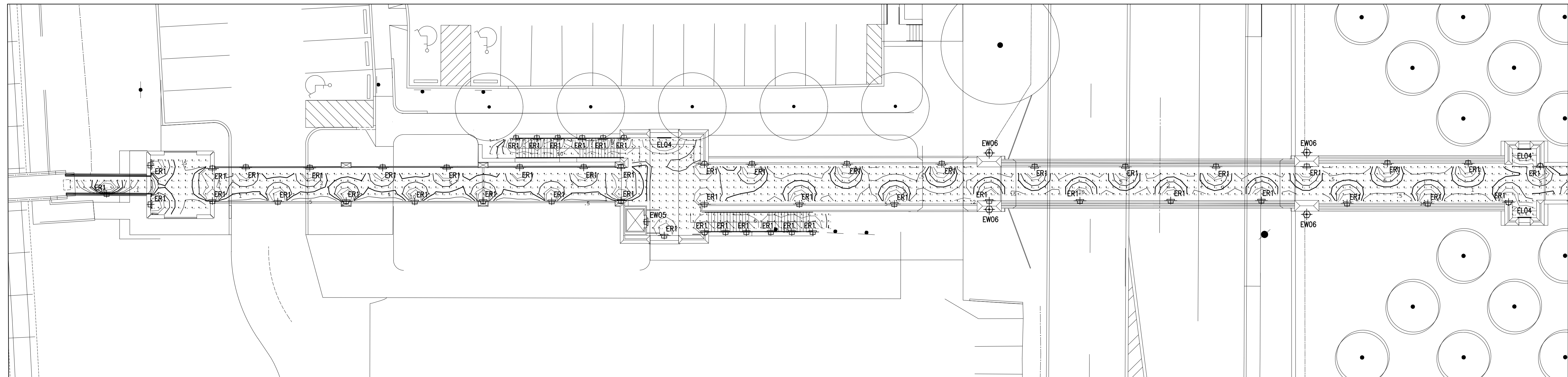
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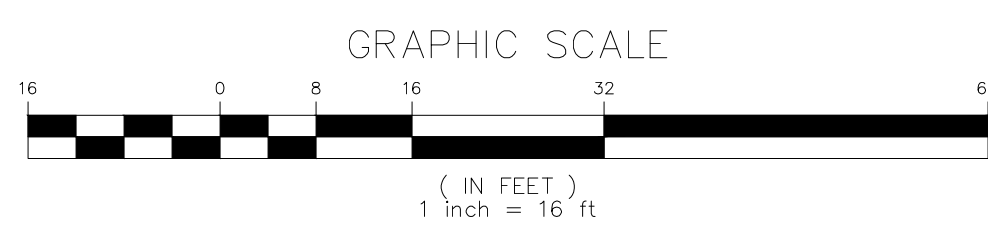
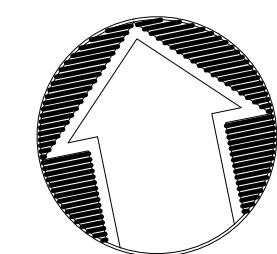
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Please note: existing church facade flood lights to be removed during construction and re-installed after construction is completed.



## FINAL LAND DEVELOPMENT PLANS

Revision August 10, 2015  
Date March 13, 2015  
Title Site Lighting Plan  
Bridge level  
Scale 1" = 16'  
Drawn By JO/JL

# C7.2

Sheet No. 14 of 20

Contractor to verify all dimensions in field and inform Architect of any discrepancies before starting work.



**EC02**

BEACON  
www.beaconproducts.com

10/23/2014  
1400 LED  
507 Lx 408H Lx 168W  
Max Height: 20.0 ft  
Max CPA: 1.21 rad

Details A-I, Mounting Options, Electrical Options, Dimensions

1041 6th Avenue Circle East, Bakersfield, CA 93320 Phone: (805) 340-4053 Fax: (841) 951-0020

Fixture Type EC02

**Gen3 MiniWasher**

2Systems  
www.2systems.com

MODEL VARIATION: LED LINEAR LUMINAIRE - WET LOCATION  
Features: Full-Featured Dimming & Construction, Standard Dimming & LED Status, Remote, Fully-Featured for Integration, Consultant Friendly, New Product Development Leads Monthly

FEATURE BUILDER: V3285, A, ELO4 (1 of 3)

Electrical Specifications, Mechanical Specifications, Wiring Examples, Quick Specs

1041 6th Avenue Circle East, Bakersfield, CA 93320 Phone: (805) 340-4053 Fax: (841) 951-0020

Fixture Type ELO4

**LightLink LL-205**

2Systems  
www.2systems.com

MODEL VARIATION: LED LINEAR LUMINAIRE - WET LOCATION  
Features: Full-Featured Dimming & Construction, Standard Dimming & LED Status, Remote, Fully-Featured for Integration, Consultant Friendly, New Product Development Leads Monthly

FEATURE BUILDER: LL-205, ELO4 (2 of 3)

Electrical Specifications, Mechanical Specifications, Wiring Examples, Quick Specs

1041 6th Avenue Circle East, Bakersfield, CA 93320 Phone: (805) 340-4053 Fax: (841) 951-0020

Fixture Type ELO4

**E05P/E05PW Power Box**

2Systems  
www.2systems.com

MODEL VARIATION: LED LINEAR LUMINAIRE - WET LOCATION  
Features: Full-Featured Dimming & Construction, Standard Dimming & LED Status, Remote, Fully-Featured for Integration, Consultant Friendly, New Product Development Leads Monthly

FEATURE BUILDER: E05P/E05PW, ELO4 (3 of 3)

Electrical Specifications, Mechanical Specifications, Wiring Examples, Quick Specs

1041 6th Avenue Circle East, Bakersfield, CA 93320 Phone: (805) 340-4053 Fax: (841) 951-0020

Fixture Type ELO4

**MS805A / MS805B LED MAIN STREET**

Specifications, Luminaire Design, Performance, Post Fitter, Driver, Light Sources

1041 6th Avenue Circle East, Bakersfield, CA 93320 Phone: (805) 340-4053 Fax: (841) 951-0020

Fixture Types EP01, EP02, EP04, EP05, EP06, EP17 (NOTE: FOR TYPICAL LIGHTING POLE HEIGHTS, REFER TO POLE HEIGHT DIAGRAM IN LIGHTING DESIGN BOOK.)

**EP01, EP02, EP04, EP05, EP06, EP17 (2 of 3)**

Specifications, Luminaire Design, Performance, Post Fitter, Driver, Light Sources

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Fixture Types EP01, EP02, EP04, EP05, EP06, EP17

**P4465 Specification Sheet**

Specifications, Luminaire Design, Performance, Post Fitter, Driver, Light Sources

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Fixture Types EP01, EP02, EP04, EP05, EP06, EP17

**ER1**

Specifications, Luminaire Design, Performance, Post Fitter, Driver, Light Sources

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Fixture Type ER1

**ENVIROSEAL™ TESS SERIES WITH OCCUPANCY SENSOR**

Specifications, Luminaire Design, Performance, Post Fitter, Driver, Light Sources

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Fixture Type ES04

**ENVIROSEAL™ TESS SERIES - Technical Data**

Specifications, Luminaire Design, Performance, Post Fitter, Driver, Light Sources

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Fixture Type ES04



Fixture Type ZP1

Lighting Fixture Schedule

| TYPE | DESCRIPTION   | MFR                         | CATALOG #   | LAMP MFR | LAMP TYPE         | QTY | WATTS  | VOLTS  | APERTURE                | DEPTH     | O.A.H.        | DARK SKY REMARKS |
|------|---|-----------------------------|---|----------|-------------------|-----|--------|--------|-------------------------|-----------|---------------|------------------|
| EC02 | EXTERIOR PENDANT MOUNTED DECORATIVE LED FIXTURE WITH NEUTRAL WHITE OUTPUT, CLEAR ACRYLIC LENS, DIRECT TYPE II CUT OFF DISTRIBUTION AND BLACK TEXTURED FINISH ON ALL ITEMS. LOCATED IN UNDERCROFT OF SEPTA STARWALK PLATFORM.                    | BEACON LIGHTING             | LAJ20-AC-248B-27-4C-UNV-DWS-B8T                     | PHILIPS  | PL-L 39           | 1   | 39     | 120    | 10 3/4" x 10 3/4" x 12" | 21 3/4" H | N/A           | See note 3       |
| ELO4 | EXTERIOR 4'-0" LONG LINEAR LED FIXTURE WITH NEUTRAL WHITE DISTRIBUTION WIDE BEAM ANGLE, REMOTE DRIVER AND OUTDOOR RATING. PROVIDE EXTERIOR GRADE NEMA BOX FOR REMOTE DRIVER. REFER TO ARCHITECTURAL DETAILS FOR MOUNTING AND ELECTRICAL FEED.   | 2Systems                    | V3285-A-4-B-15W-120V-15W-15W-15W-15W                | PHILIPS  | PL-L 39           | 4   | 32     | 120    | 1'x11"                  | 48"       | N/A           | See note 4       |
| EP04 | EXTERIOR DECORATIVE LED POLE MOUNTED LANTERN FIXTURE WITH CAST ALUM. HOUSING, CLEAR ACRYLIC LENSES, INTEGRAL DIMMING DRIVER, ROOF MOUNTED CUT OFF OPTIC WITH TYPE I DISTRIBUTION ON 12'-0" DECORATIVE POLE. BLACK TEXTURED FINISH ON ALL ITEMS. | STERNBERG LIGHTING / HADDCO | MS805ALED05 OTHER-HAAR-45-TSMID-CABK-T - P4465-12-A | PHILIPS  | PL-L 39           | 1   | 57     | 120    | 15W                     | 28 1/2"   | 14'-2" O.A.H. | See note 5       |
| ER1  | RECESSED COMPACT FLUORESCENT WALL LIGHT WITH INTEGRAL ELECTRONIC BALLAST. CLEAR LENS WITH TRANSLUCENT WHITE CERAMIC COATING. TRANSPARENT WHITE ON BRIDGE. REFER TO ARCHITECTURAL DETAILS FOR DIFFERENT MOUNTING CONDITIONS AND ELECTRICAL FEED. | BEGA LIGHTING               | PHILIPS   | PHILIPS  | PL-L 39           | 1   | 39     | 120    | 4 7/8" x 20 1/2"        | 4"        | N/A           | See note 6       |
| ES04 | EXTERIOR SURFACE MOUNTED LINEAR FLUORESCENT HIGH ABUSE FIXTURE WITH INTEGRAL ELECTRONIC BALLAST, WHITE POLYCARBONATE WRAP AROUND DIFFUSER AND BRUSHED STAINLESS STEEL FINISH. PROVIDE REGION SPECIFIC ON TOP OF FIXTURE.                        | KENALL                      | TES5486-322-RES-110-PP                              | PHILIPS  | F32T8/TL83A/2 LTO | 1   | 54     | 120    | 5.9"                    | 6.9"      | N/A           | See note 7       |
| E05P | EXTERIOR SURFACE MOUNTED TRIANGULAR WEDGE LED DOWNLIGHT SCORING WITH INTEGRAL DRIVER, TYPE III OPTICS, NEUTRAL WHITE LIGHT OUTPUT AND RAL PAINT COLOR FINISH TO BE SELECTED BY ARCHITECT.   | HADDCO LIGHTING             | 101L-TYPE III-95-W-UNV-OC                           | PHILIPS  | PL-L 39           | 1   | 55     | 120    | 16 1/4" x 7 1/4"        | 1" EX.    | N/A           | See note 2       |
| E05W | EXTERIOR DECORATIVE CUSTOM WALL MOUNTED FIXTURE W/ (6) DIMMABLE PHILIPS DRIVERS, ROOF MOUNTED CUT OFF OPTIC WITH TYPE I DISTRIBUTION ON 12'-0" DECORATIVE POLE. BLACK TEXTURED FINISH ON ALL ITEMS.   | PHILIPS                     | 9290-008-07003-80CR-3000                            | PHILIPS  | PL-L 39           | 1   | 55     | 120    | 11-1 1/2" Wide          | 24" High  | N/A           | See note 6       |
| ZP1  | EXISTING EXTERIOR METAL HALIDE PIER MOUNTED FIXTURE TO REMAIN.  | V.I.F.                      | V.I.V.  | V.I.F.   | V.I.F.            | 1   | V.I.F. | V.I.F. | V.I.F.                  | V.I.F.    | N/A           | Existing         |

Lighting Fixture Schedule

Fixture Type ES04

Fixture Type ES04

Fixture Type ZP1

Fixture Type ER1

Villanova University  
Church Walk and Bridge  
Lancaster and Ithan Avenues  
Villanova, PA 19085

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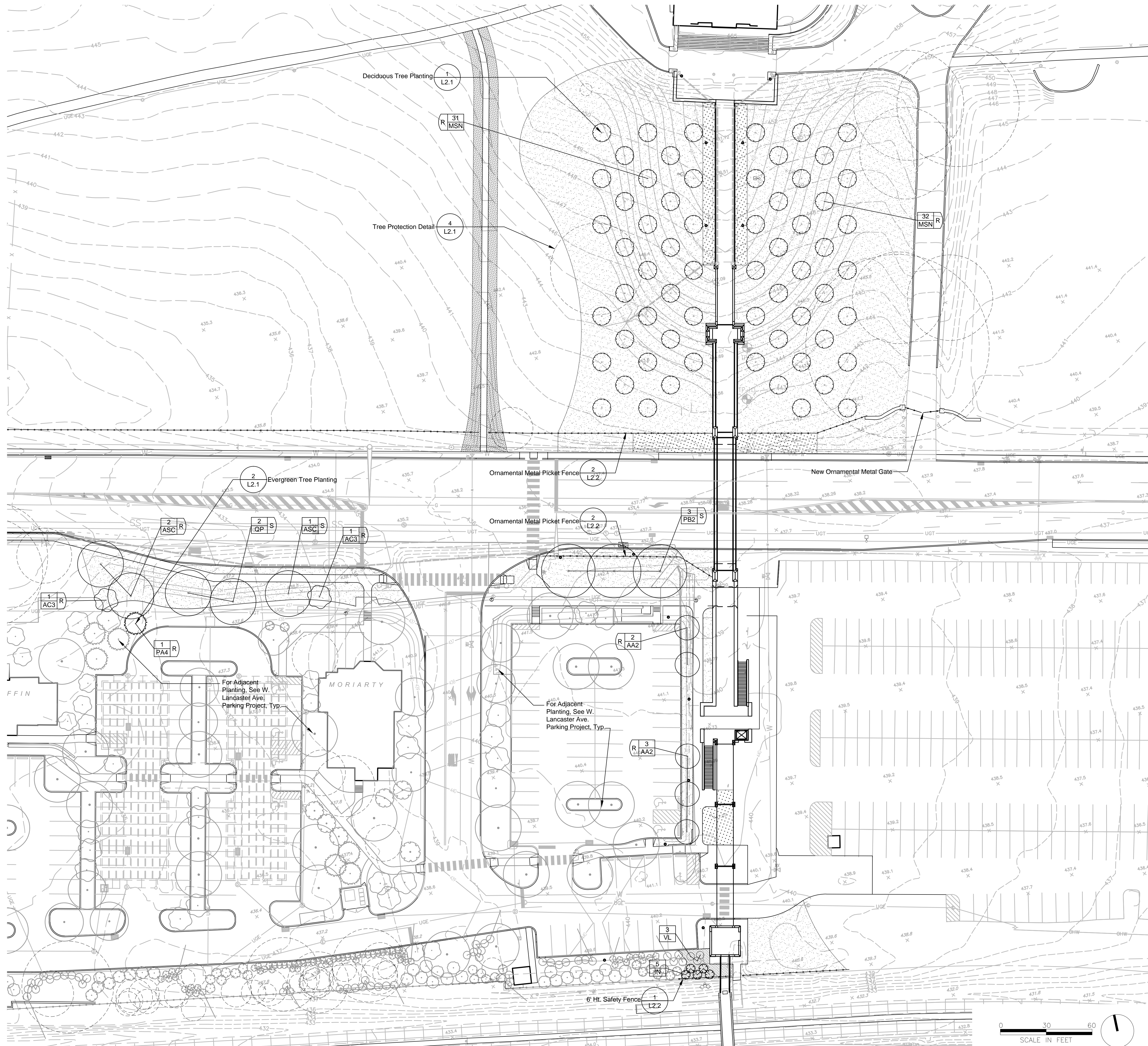
FINAL LAND DEVELOPMENT PLANS

Revision August 10, 2015  
Date March 13, 2015  
Title Site Lighting Details

Scale NTS  
Drawn By JO/JL

C7.3

Sheet No. 15 of 20  
Contractor to verify all dimensions in field and inform Architect of any discrepancies before starting work.



- Legend**
- 2 NS S Street Trees
  - 2 NS R Replacement Trees
  - 2 NS A Replacement Trees for W. Lancaster Ave. Parking Project; See W. Lancaster Ave. Parking Tree Requirement Table
  - Lawn
  - Planting Beds
  - Refurbish Existing Turf Grass As Required
  - "No Mow" Seed Mix
  - Pole Light; See Lighting Plans and Details
  - Fence

- Notes:**
1. See Site Plans for all proposed paving information.
  2. See "EX" series of drawings in the Lancaster Avenue Housing set for an elevation view of proposed buffer planting at the southern project boundary.
  3. See Sheet No. C2.0 for information regarding Land Preservation requirements and calculations for the Aldwyn Triangle.



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Lancaster and Ithan Avenues  
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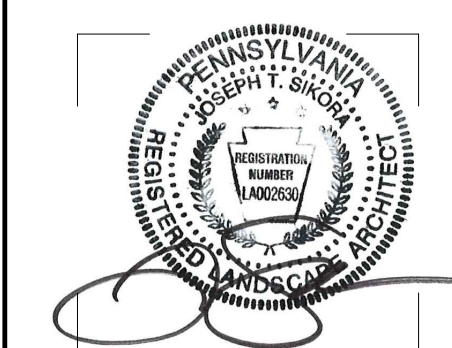
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**FINAL LAND DEVELOPMENT  
SUBMISSION**

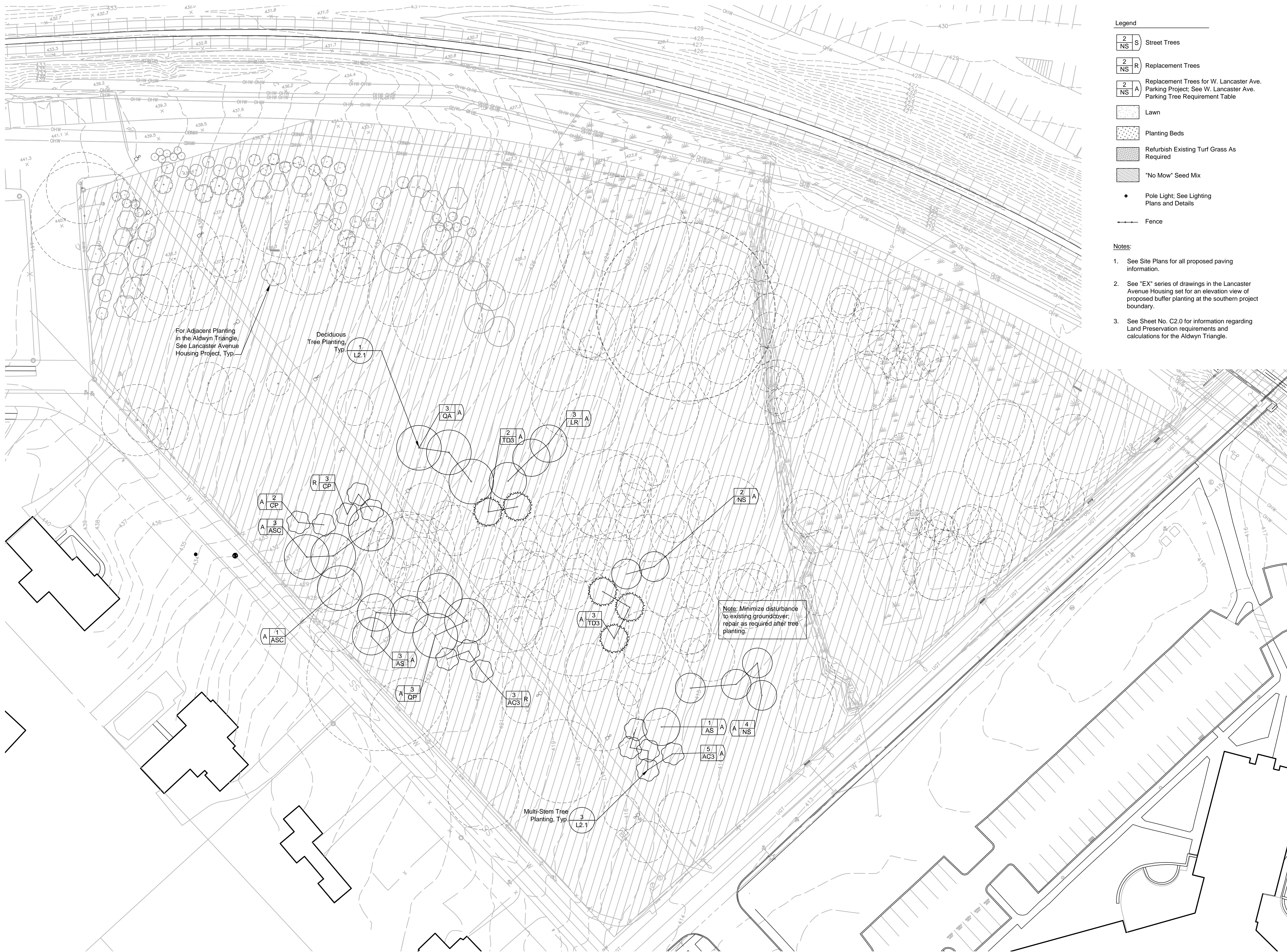
Revision August 10, 2015  
Date March 13, 2015  
Title Planting Plan

Scale 1" = 30'-0"  
Drawn By RM

# L1.0

Sheet No. 16 of 20

Contractor to verify all dimensions in field and inform Architect of any discrepancies before starting work.



- Legend**
- 2 NS S Street Trees
  - 2 NS R Replacement Trees
  - 2 NS A Replacement Trees for W. Lancaster Ave. Parking Project; See W. Lancaster Ave. Parking Tree Requirement Table
  - Lawn
  - Planting Beds
  - Refurbish Existing Turf Grass As Required
  - "No Mow" Seed Mix
  - Pole Light; See Lighting Plans and Details
  - Fence

- Notes:**
- See Site Plans for all proposed paving information.
  - See "EX" series of drawings in the Lancaster Avenue Housing set for an elevation view of proposed buffer planting at the southern project boundary.
  - See Sheet No. C2.0 for information regarding Land Preservation requirements and calculations for the Aldwyn Triangle.

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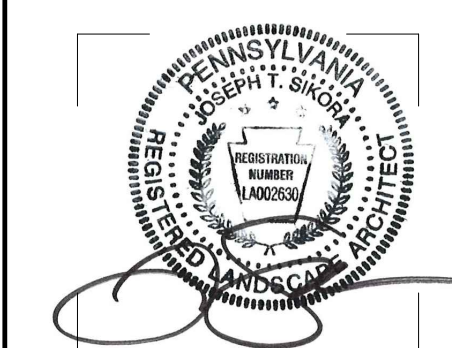
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**FINAL LAND DEVELOPMENT  
SUBMISSION**

|          |                                  |
|----------|----------------------------------|
| Revision | August 10, 2015                  |
| Date     | March 13, 2015                   |
| Title    | Planting Plan at Aldwyn Triangle |
| Scale    | 1" = 30'-0"                      |
| Drawn By | RM                               |

# L1.1

Contractor to verify all dimensions in field and inform Architect of any discrepancies before starting work.



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| TREE REQUIREMENT TABLE  |   |  |
|---|---|--|
|   | REQUIRED  | PROPOSED   |
| <b>STREET TREES</b>   |   |  |
| LANCASTER AVENUE (South Side Only) = 164' FT.<br>SECTION 255-38.B. - INTERVALS OF NOT MORE THAN 30 FEET   | 164/30' = 5 TREES   | 6 TREES  |
| <b>BUFFER SCREENS</b>   |   |  |
| SOUTHERN PROPERTY LINE ADJACENT TO R-100 TRAIN RIGHT OF WAY<br>SECTION 255-42 CLASS 'B' BUFFER SCREEN OPTION SELECTED: (1)<br>EVERGREEN PER 15 FEET (INFORMALLY ARRANGED) PLUS: (1)<br>EVERGREEN SHRUB PER 8 FEET (INFORMALLY ARRANGED) | 26/15' = 2 EVERGREEN TREES<br>26/8' = 3 EVERGREEN SHRUBS  | 5 EVERGREEN TREES<br>3 EVERGREEN SHRUBS  |
| <b>REPLACEMENT TREES</b>  |   |  |
| 6 TO 18 INCH DBH REMOVED = (1) REPLACEMENT TREE<br>19 TO 29 INCH DBH REMOVED = (3) REPLACEMENT TREES**<br>30 INCH DBH OR GREATER REMOVED = (6) REPLACEMENT TREES***   | (73) REMOVALS @ 6 TO 18 INCH = 73 REPLACEMENTS<br>(1) REMOVALS @ 30 INCH+ = (1) x 6 = 6 REPLACEMENTS<br>TOTAL REPLACEMENT TREES REQUIRED = 79 TREES | LARGE CANOPY TREES = 7 TREES<br>ORNAMENTAL TREES = 71 TREES<br>EVERGREEN TREES = 1 TREES<br>TOTAL TREES PROPOSED = 79 TREES<br>(INCLUDES 6 ORNAMENTAL TREES AT<br>ALDWYN TRIANGLE - SEE SHEET L1.1 FOR<br>LOCATIONS) |
| ** TWO BEING LARGE CANOPY TREES<br>*** FOUR BEING LARGE CANOPY TREES  |   |  |

NOTES:

1. QUANTITY, AND ARRANGEMENT OF PLANT MATERIAL WITHIN BUFFER SCREEN WILL PRODUCE A VISUAL SCREEN NOT TO BE SEEN THROUGH AND PROVIDE IMMEDIATE VISUAL SCREENING TO THE ABUTTING PROPERTY OR DISTRICT AS PER SECTION 280-71.A. OF THE TOWNSHIP ZONING ORDINANCE.

| PLANT SCHEDULE          |                |  |                                   |       |           |  |   |
|-------------------------|----------------|--|-----------------------------------|-------|-----------|--|---|
| CANOPY TREES            | QTY            | BOTANICAL NAME                           | COMMON NAME                       | CONT  | CAL       | SIZE                                     | REMARKS   |
| AA2                     | 5              | ACER RUBRUM 'ARMSTRONG'                  | ARMSTRONG RED MAPLE               | B & B | 2         | 1/2" - 3"                                | MATCHED SPECIMENS   |
| AS                      | 4              | ACER RUBRUM 'SOMERSET'                   | SOMERSET RED MAPLE                | B & B | 2"        | 2 1/2"                                   |   |
| ASC                     | 7              | ACER SACCHARUM 'COMMEMORATION'           | COMMEMORATION SUGAR MAPLE         | B & B | 2"        | 2 1/2"                                   | FULL HEAD   |
| LR                      | 3              | LIQUIDAMBAR STYRACIFLUA 'ROTUNDILOBA' TM | ROUND-LOBED SWEET GUM             | B & B | 2         | 1/2" - 3"                                | MATCHED SPECIMENS; FULL HEAD                              |
| NS                      | 6              | NYSSA SYLVATICA                          | SOUR GUM                          | B & B | 2"        | 2 1/2"                                   | SPECIMEN QUALITY  |
| PB2                     | 3              | PLATANUS X ACERIFOLIA 'BLOODGOOD'        | LONDON PLANE TREE                 | B & B | 2         | 1/2" - 3"                                | MATCHED; SPECIMEN QUALITY                                 |
| QA                      | 3              | QUERCUS ALBA                             | WHITE OAK                         | B & B | 2"        | 2 1/2"                                   | SPECIMEN QUALITY  |
| QP                      | 5              | QUERCUS PHELLOS                          | WILLOW OAK                        | B & B | 2"        | 2 1/2"                                   |   |
| TD3                     | 5              | TAXODIUM DISTICHUM                       | BALD CYPRESS                      | B & B | 2"        | 2 1/2"                                   |   |
| <b>EVERGREEN TREES</b>  |                |  |                                   |       |           |  |   |
| QTY                     | BOTANICAL NAME | COMMON NAME                              | CONT                              | CAL   | SIZE      | REMARKS                                  |   |
| IN                      | 5              | ILEX X 'NELLIE R STEVENS'                | NELLIE STEVENS HOLLY              | B & B |           | 8'-10' HT.                               | SPECIMENS; FULL TO GROUND; 6' MAX. O.C. SPACING IN BUFFER |
| PA4                     | 1              | PICEA ORIENTALIS 'AUREA'                 | SPRUCE                            | B & B |           | 8'-10' HT.                               |   |
| <b>ORNAMENTAL TREES</b> |                |  |                                   |       |           |  |   |
| QTY                     | BOTANICAL NAME | COMMON NAME                              | CONT                              | CAL   | SIZE      | REMARKS                                  |   |
| AC3                     | 10             | AMELANCHIER CANADENSIS                   | SHADBLOW SERVICEBERRY MULTI-TRUNK | B & B |           | 8'-10' HT.                               | FULL SPECIMENS; MIN. 5 STEMS                              |
| CP                      | 5              | CRATAEGUS PHAENOPYRUM                    | WASHINGTON HAWTHORN               | B & B | 2"        | 2 1/2"                                   |   |
| MSN                     | 63             | MALUS X 'SNOWDRIFT'                      | SNOWDRIFT CRAB APPLE              | B & B | 2         | 1/2" - 3"                                |   |
| <b>SHRUBS</b>           |                |  |                                   |       |           |  |   |
| QTY                     | BOTANICAL NAME | COMMON NAME                              | CONT                              | SIZE  | REMARKS   |  |   |
| VL                      | 3              | VIBURNUM RHYTIDOPHYLLUM                  | LEATHERLEAF VIBURNUM              | B & B | 5'-6' HT. | DENSE, FULL PLANTS; 5' MAX. O.C. SPACING |   |



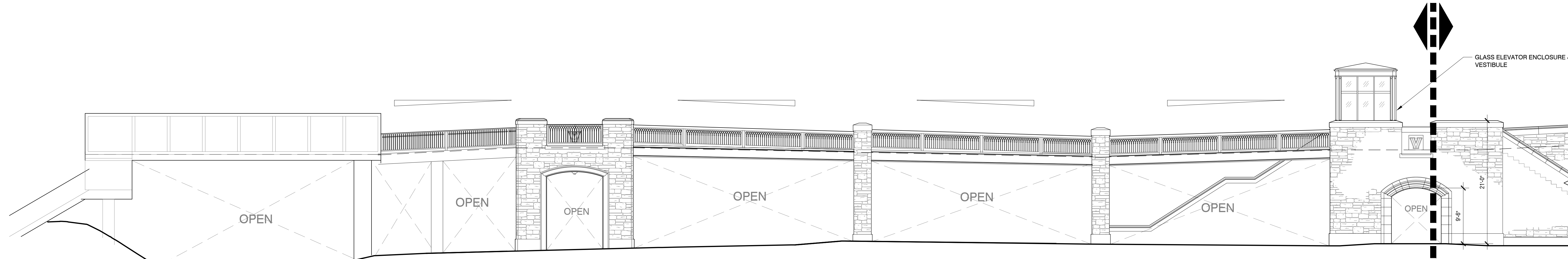
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FINAL LAND DEVELOPMENT  
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Revision August 10, 2015  
Date March 13, 2015  
Title Planting Schedule  
and Tabulations

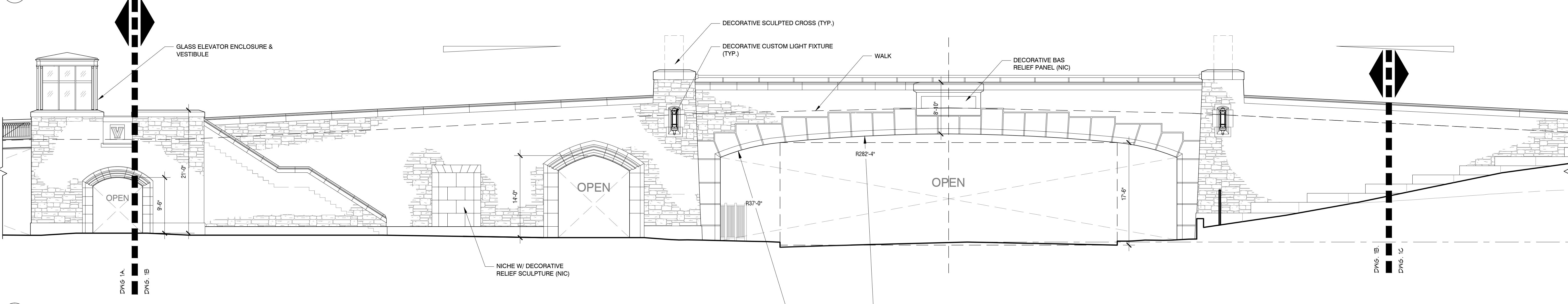
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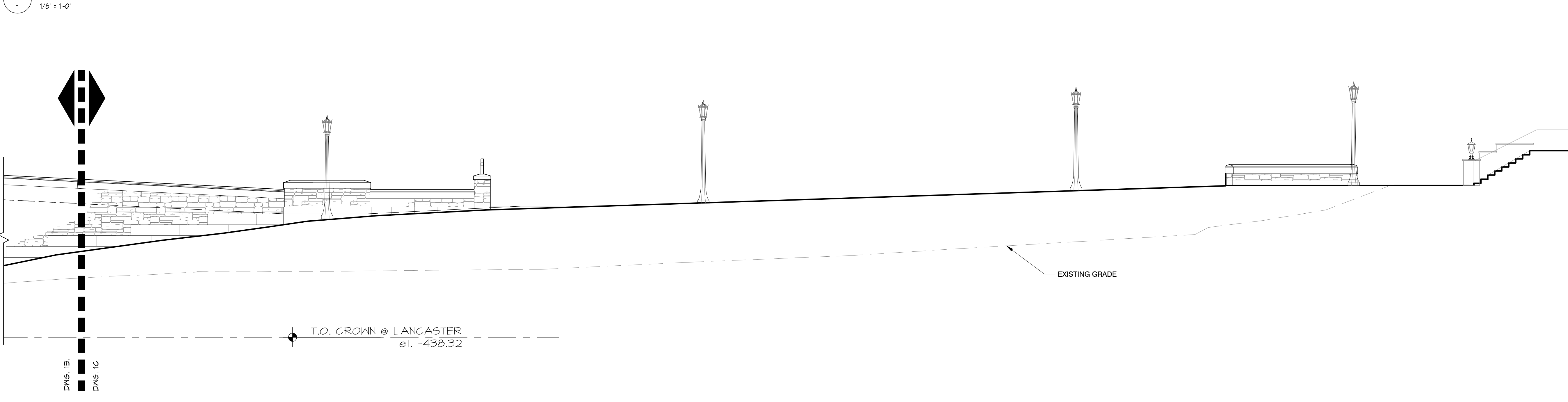
1A PEDESTRIAN BRIDGE - WEST ELEVATION  
1/8" = 1'-0"

DWG. 1A  
DWG. 1B



1B PEDESTRIAN BRIDGE - WEST ELEVATION  
1/8" = 1'-0"

DWG. 1B  
DWG. 1C

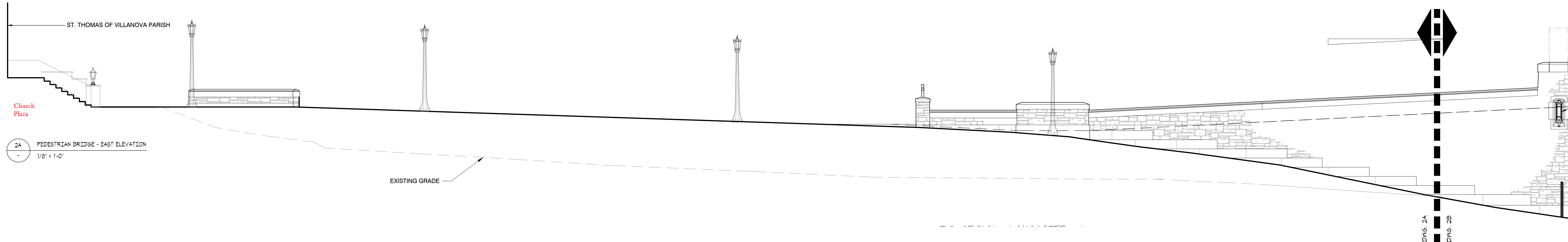


1C PEDESTRIAN BRIDGE - WEST ELEVATION  
1/8" = 1'-0"

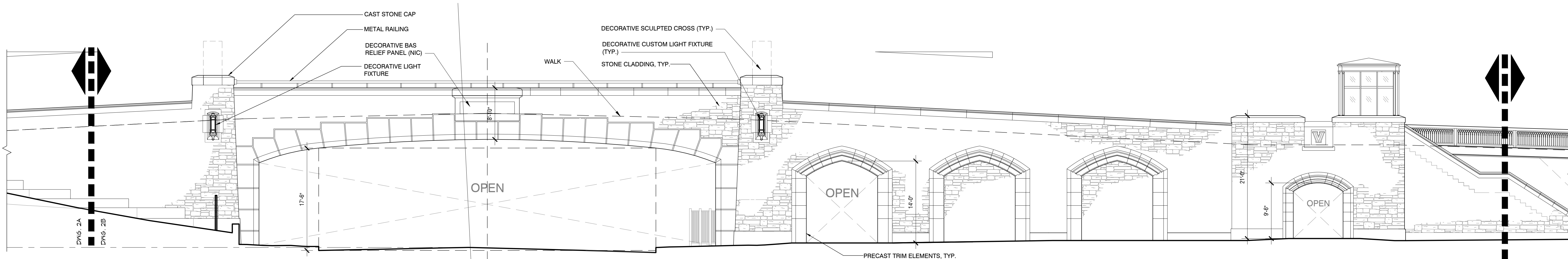
# Villanova University - Pedestrian Bridge

## Exterior Elevations - Sheet 1 of 2

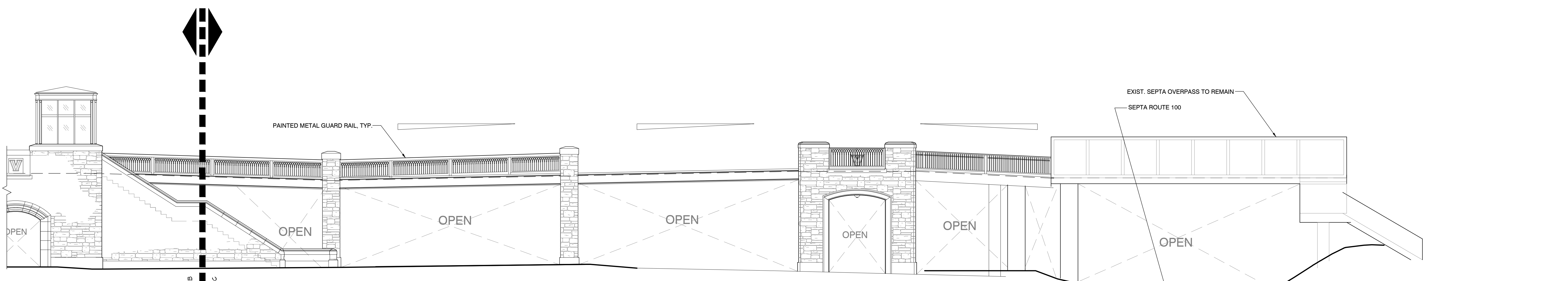
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2A PEDESTRIAN BRIDGE - EAST ELEVATION  
1/8" = 1'-0"



2B PEDESTRIAN BRIDGE - EAST ELEVATION  
1/8" = 1'-0"



2C PEDESTRIAN BRIDGE - EAST ELEVATION  
1/8" = 1'-0"

# Villanova University - Pedestrian Bridge

## Exterior Elevations - Sheet 2 of 2

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VIEW OF PEDESTRIAN BRIDGE LOOKING EAST - DESIGN CONCEPT PRESENTED MAY 2015

## Villanova University - Pedestrian Bridge

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VIEW OF PEDESTRIAN BRIDGE FROM SOUTH SIDE OF LANCASTER AVENUE - DESIGN CONCEPT PRESENTED AGUST 2015

## Villanova University - Pedestrian Bridge

DESIGN REVIEW BOARD SUBMISSION — 2015-09-23





VIEW OF CHURCH FROM OPPOSITE SIDE OF LANCASTER AVE.



VIEW OF CHURCH FROM EXISTING PEDESTRIAN BRIDGE



VIEW OF CHURCH FROM OPPOSITE SIDE OF RR

## Villanova University - Pike Garage

DESIGN REVIEW BOARD SUBMISSION — 2015-09-23



VIEW OF CHURCH FROM CHURCH WALK