

IF THIS SHEET IS NOT 30" x 42" FULL SIZE, USE GRAPHIC SCALES

one inch = one foot

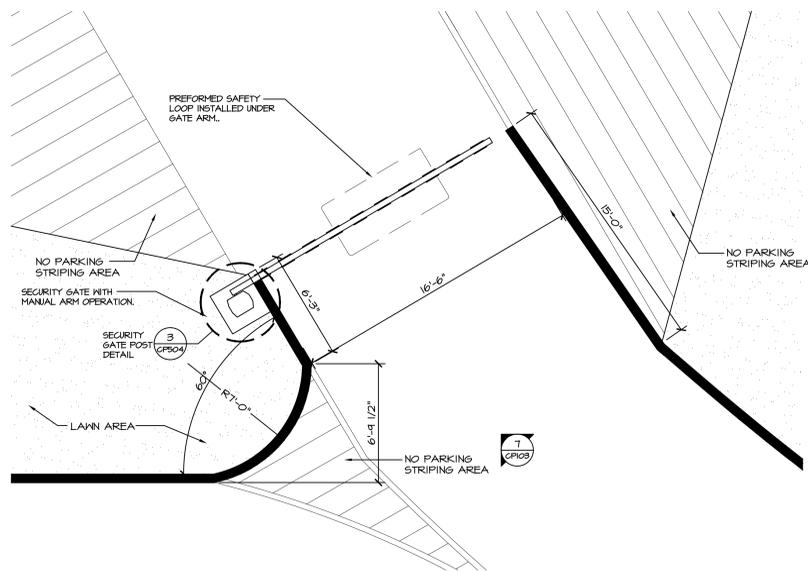
three-quarter inch = one foot

one-half inch = one foot

three-eighths inch = one foot

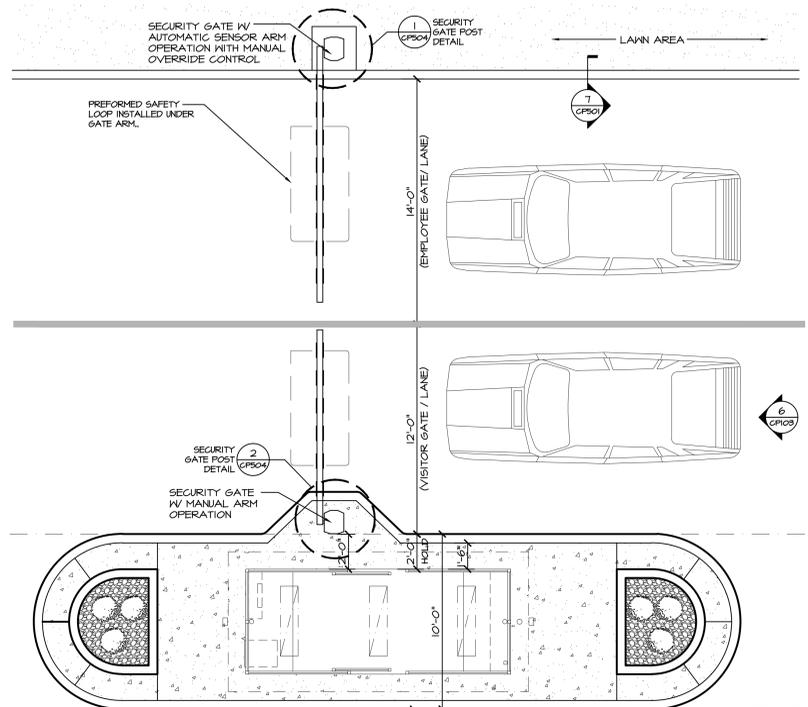
one-quarter inch = one foot

one-eighth inch = one foot



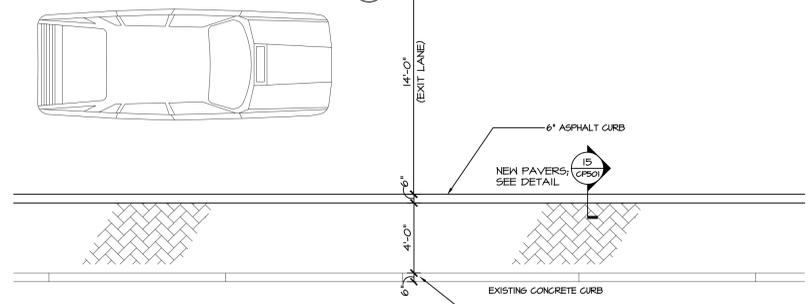
2 NEW ENTRANCE CONSTRUCTION PLAN - AUXILIARY GATE

Scale: 1/4" = 1'-0"



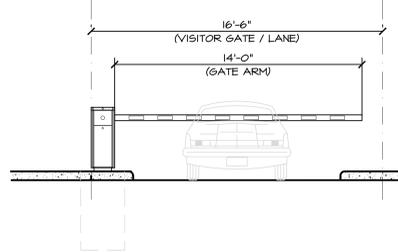
1 NEW ENTRANCE CONSTRUCTION PLAN - VISITORS AND EMPLOYEE GATES

Scale: 1/4" = 1'-0"



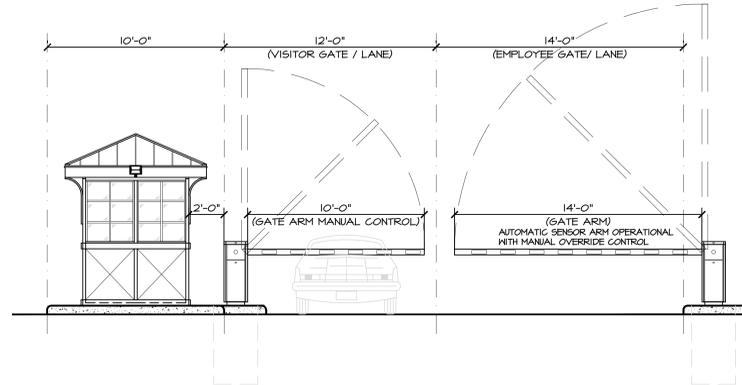
1 NEW ENTRANCE CONSTRUCTION PLAN - VISITORS AND EMPLOYEE GATES

Scale: 1/4" = 1'-0"



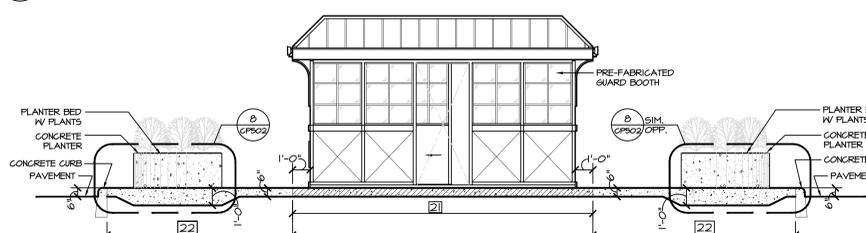
7 NEW AUXILIARY GATE ELEVATION

Scale: 1/4" = 1'-0"



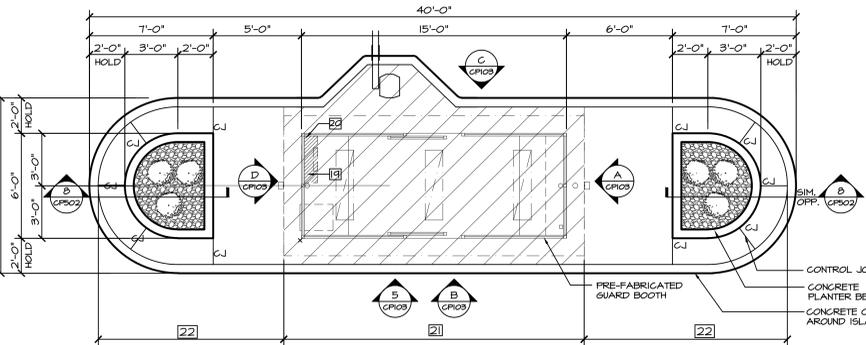
6 NEW GUARD STATION ELEVATION

Scale: 1/4" = 1'-0"



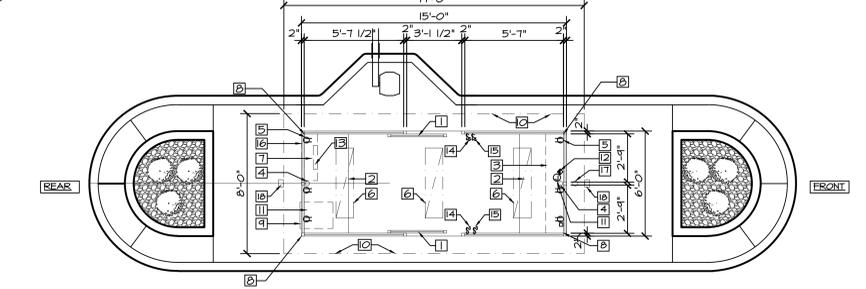
5 NEW GUARD STATION ELEVATION

Scale: 1/4" = 1'-0"



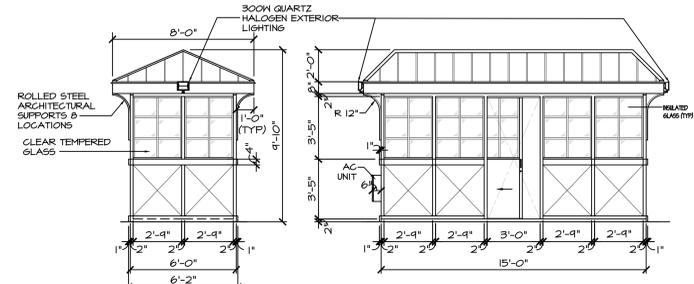
4 NEW GUARD STATION - CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



3 NEW GUARD STATION - BOOTH ELECTRICAL PLAN

Scale: 1/4" = 1'-0"

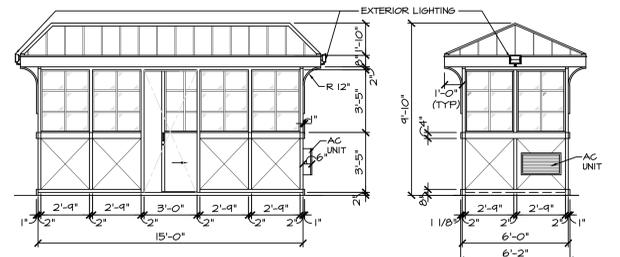


A NEW GUARD BOOTH ELEVATION - FRONT

Scale: 1/4" = 1'-0"

B NEW GUARD BOOTH ELEVATION - RIGHT SIDE

Scale: 1/4" = 1'-0"



C NEW GUARD BOOTH ELEVATION - LEFT SIDE

Scale: 1/4" = 1'-0"

D NEW GUARD BOOTH ELEVATION - REAR

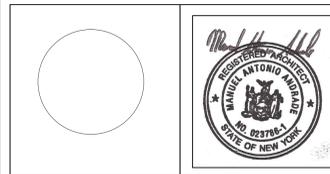
Scale: 1/4" = 1'-0"

GUARD BOOTH SPECIFICATIONS:

- 2" x 2" x .083" OR APPROVED EQUAL, STRUCTURAL STEEL ASCO TUBE FRAMING WITH R-10 INSULATION.
- GUARD BOOTH UNIT TO HAVE GLAZED 16 GAUGE GALVANIZED STEEL WALLS WITH 16 GAUGE GALVANIZED INTERIOR LINERS AND R-10 INSULATION WALL TO HAVE 1" x 4" REVEALS AT THE WINDOW SILL LINE, 1" x 8" REVEALS AT THE BASE, AND AN "X" PATTERN STAMPED IN BETWEEN.
- BOOTHING NOTES:
  - GUARD BOOTH UNIT TO HAVE CUSTOM STANDING SEAM HIP ROOF WITH AN 8" FASCIA, AND A 12" OVERHANG ON ALL SIDES. ROOF TO CONSIST OF STEEL FRAMING COVERED WITH 3/4" EXTERIOR GRADE PLYWOOD, A ROOF SEALING MEMBRANE, AND A 24 GAUGE STANDING SEAM DECK.
  - GUARD BOOTH UNIT TO HAVE 3/4" SHANK LIFTING EYES MOUNTED ON THE ROOF. LIFTING EYES ARE DESIGNED FOR STRAIGHT VERTICAL LIFTING ONLY. SPREADER BARS MUST BE USED WHEN LIFTING BOOTH TO ENSURE THIS VERTICAL LIFT. ALL WARRANTIES WILL BE VOID IF NOT LIFTED IN THIS MANNER.
  - FLOORING NOTE: GUARD BOOTH UNIT TO HAVE 11 GAUGE STEEL FLOOR COVERED WITH 1/2" THICK x 1" SQUARE BLACK RUBBER TILES WITH 4" HIGH BLACK PERIMETER COVER MOLDING. FLOOR TO BE MOUNTED ON A 2" STEEL TUBE FRAME. UNDERSIDE OF FLOOR TO BE FULLY COATED WITH BITUMINOUS UNDERCOATING SEALANT.
  - SLIDING DOOR NOTES:
    - GUARD BOOTH UNIT TO HAVE TWO COMMERCIAL GRADE STEEL FRAMED SLIDE DOORS CONSTRUCTED OF 16 GAUGE STEEL PANELS WITH STEEL TUBE FRAMES. DOORS TO BE HUNG IN A STEEL TRACK ON A MIN OF (8) 2-1/4" STEEL BEARING ROLLERS WITH STAINLESS STEEL LOWER GUIDE. MORTISE HOOK TYPE LOCK AND COMPLETE WEATHER STRIPPING. DOORS TO BE KEYPED ALIKE.
    - A DEADBOLT LOCK IS INCOMPATIBLE WITH A SLIDING DOOR. A HOOK BOLT HATCH IS TO BE PROVIDED.
- GLAZING NOTES:
  - GUARD BOOTH UNIT TO HAVE DUAL PANE INSULATED FIXED TEMPERED SAFETY GLASS WITH A MAKE UP OF 1/4" AIR SPACE, 1/4" CLEAR.
  - COLOR OF TINT "BRONZE".
  - WINDOWS ARE TO HAVE 1" COLONIAL STYLE MULLIONS.
  - BOXER SUPPLY REQUIREMENT NOTES:
    - GUARD BOOTH UNIT TO HAVE ONE (3) WIRE SINGLE PHASE, 24 POLE, 200 AMP, 120/240V LOAD CENTER TO BE HUNG IN AN UNDER SHELF CABINET. ALL ELECTRICAL EQUIPMENT TO BE LISTED AND ALL WIRING TO BE PER CURRENT EDITION NED STANDARDS. ALL CONDUCTORS TO BE COPPER, WITH A MIN OF #12 EXPOSED WIRING TO BE IN SURFACE MOUNTED ETC CONDUIT. CONCEALED WIRING TO BE IN FLEEVABLE ALUMINUM CONDUIT. FINAL POKER CONNECTION AND GROUNDINGS TO BE DONE ON SITE BY OTHERS. ALL WORK TO BE DONE BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL GOVERNING CODES.
    - LOAD CENTER TO HAVE A 100 AMP MAIN BREAKER, ONE 30 AMP TWO POLE BREAKER, TWO 20 AMP TWO POLE BREAKERS, AND ELEVEN 20 AMP ONE POLE BREAKERS.
- LIGHTING NOTES:
  - UNIT TO HAVE 1" x 4" FLUORESCENT LIGHTING FIXTURES RECESSED IN THE STEEL CEILING AND CONTROLLED BY A THREE WAY WALL SWITCH MOUNTED NEXT TO EACH DOOR. SEE KEYPED ITEMS #6 AND #14 ON "BOOTH ELECTRICAL PLAN" THIS SHEET.
  - GUARD BOOTH UNIT TO HAVE A 3000 QUARTZ-HALOGEN EXTERIOR LIGHT MOUNTED ON EACH END. BOTH LIGHTS ARE TO BE CONTROLLED BY A SINGLE POLE WALL SWITCH WITH PHOTOCELL. SEE KEYPED ITEMS #15 AND #18 ON "BOOTH ELECTRICAL PLAN" THIS SHEET.
- ELECTRICAL COMPONENT NOTES:
  - GUARD BOOTH UNIT TO HAVE THREE DUPLEX OUTLETS MOUNTED AT EACH SHELF AS SHOWN.
  - UNIT TO HAVE ONE SINGLE GANG JUNCTION BOX MOUNTED AT EACH SHELF AS SHOWN. JUNCTION BOXES TO HAVE AN EMPTY 3/4" CONDUIT RUN TO THE STUB UP AREA UNDER THE FRONT SHELF TO TELEPHONE AND DATA LINES BY OTHERS.
- AIR CONDITIONING NOTES:
  - AIR CONDITIONER UNIT TO BE HALL MOUNTED, 11600 BTU COOLING AND 11600 BTU ELECTRIC HEAT AT 230V.
  - AIR CONDITIONER UNIT TO BE PLUG AND CORD CONNECTED, AND WILL HAVE A DEDICATED CIRCUIT.
  - AIR CONDITIONER UNIT TO HAVE A LOUVER GRILL.
- SHIELDING NOTES:
  - GUARD BOOTH UNIT TO HAVE A 30" 16 GAUGE STEEL FRONT AND REAR SHELF, EACH WITH A 3" ELECTRIC ACCESS GROMMET INSERT HOLE. SHELVES ARE TO BE PAINTED SAME COLOR AS THE BOOTH INTERIOR AND MOUNTED AT 34" ABOVE FINISH FLOOR HEIGHT.
  - GUARD BOOTH UNIT TO HAVE A 16 GAUGE STEEL CABINET UNDER THE FRONT SHELF. CABINET TO BE 10" DEEP x 33" TALL x 6" WIDE AND HAVE THREE OUTWARD SWING DOORS. CABINETS WILL HAVE INTERIOR SHELVING.
  - ANCHOR CLIP NOTE: GUARD BOOTH UNIT TO HAVE FOUR INTERIOR ANCHOR CLIPS. (4) 5/8" HILTI KB-TZ BOLTS WITH (3) 1/8" MIN EMBEDMENT IN 4000PSI CONCRETE ARE REQUIRED FOR PLACEMENT OF BOOTH. CONCRETE TO BE LEVEL. IF SLOPED, SLOPE TOWARDS DRAIN OPENINGS ON BOOTH. CONCRETE, BOLTS AND MOUNTING SHALL BE BY OTHERS. ANCHOR BOLTS WILL REQUIRE SPECIAL INSPECTION PER ESR-1411.
- FINISH NOTES:
  - ALL EXPOSED STEEL SURFACES TO BE COATED WITH TWO COMPONENT HIGH SOLIDS POLYURETHANE RUST INHIBITIVE PRIMER, AND TWO COMPONENT HIGH SOLIDS POLYURETHANE FINISH COAT.
  - GUARD BOOTH UNIT TO HAVE A TWO TONE COLOR SCHEME. THE ENTIRE INTERIOR AND EXTERIOR FROM THE FASCIA DOWN TO BE PAINTED "CARDTEX BEIGE". THE ROOF DECK TO BE PAINTED "COLONIAL RED". COLOR CHOSEN FROM THE ROOF DECK MANUFACTURER'S STANDARD COLOR CHART.
  - UNIT TO HAVE INSULATION WITH THE FOLLOWING "R" VALUES: WALLS: R-10, ROOF: R-14

GUARD BOOTH LEGEND:

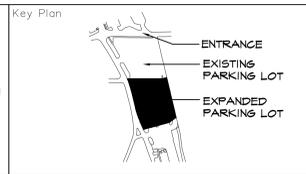
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|--|--|
| 1 36" SLIDE DOOR   | 8 3 WAY SWITCH - EXTERIOR LIGHTS W/ PHOTOCELL  |
| 2 30" COUNTERTOP (2 TOTAL)   | 9 GROUNDING ROD  |
| 3 10" DEEP CABINETS UNDER COUNTERTOP (3 EQUAL)   | 10 PHOTOCELL IN SOFFIT   |
| 4 3" CORD ACCESS HOLE (2 PLACES)   | 11 EXTERIOR HALOGEN FLOOD LIGHT - 3000 QUARTZ  |
| 5 RECEPTACLES (6 TOTAL)  | 12 ELECTRICAL STUB AREA  |
| 6 FLUORESCENT FIXTURES (3 TOTAL)   | 13 GROUND RODS BY OTHERS   |
| 7 3' CORD ACCESS HOLE (2 PLACES)   | 14 6" CONCRETE SLAB WITH #4 REBAR 12" EACH WAY TOP AND BOTTOM ON 6" COMPACTED EARTH (65% GRADED AGGREGATE ON 6" COMPACTED EARTH (65%)) |
| 8 3 WAY SWITCH - EXTERIOR LIGHTS W/ PHOTOCELL  | 15 AIR CONDITIONER   |
| 9 GROUNDING ROD  | 16 ROOF OVERHANG 12"   |
| 10 PHOTOCELL IN SOFFIT   | 17 JUNCTION BOX (2 TOTAL)  |
| 11 EXTERIOR HALOGEN FLOOD LIGHT - 3000 QUARTZ  | 18 TELE/ DATA OUTLET   |
| 12 ELECTRICAL STUB AREA  | 19 LOAD CENTER   |
| 13 GROUND RODS BY OTHERS   | 20 3-WAY SWITCH - INTERIOR LIGHTS  |
| 14 6" CONCRETE SLAB WITH #4 REBAR 12" EACH WAY TOP AND BOTTOM ON 6" COMPACTED EARTH (65% GRADED AGGREGATE ON 6" COMPACTED EARTH (65%)) |  |



Revisions  
VA FORM 08-6231, DEC 1989

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NOTE AND READ CAREFULLY:  
The Contractor shall consult and study the requirements of each and every drawing and each specification section of this contract so that he/she may become acquainted with the project as a whole in order to determine how the work of his/his subcontractor or vendor may affect the work required under this contract.  
Written Specifications are part of this contract.



Drawing Title  
**NEW GUARD BOOTH PLANS AND ELEVATIONS**  
Approved: Division Chief  
Approved: Service Director

Project Title  
**Install Front Gate Traffic Control Center & Increase Surface Parking Castle Point Campus, VAHVCS Castle Point, New York**  
Building Number  
Checked: MA  
Drawn: JTL/MS  
Location  
**Castle Point, New York**

Date  
**7/12/11**  
Project No.  
**620A4-11-106**  
DRAWING NO.  
**CP103**  
Dwg. 10 of 18

