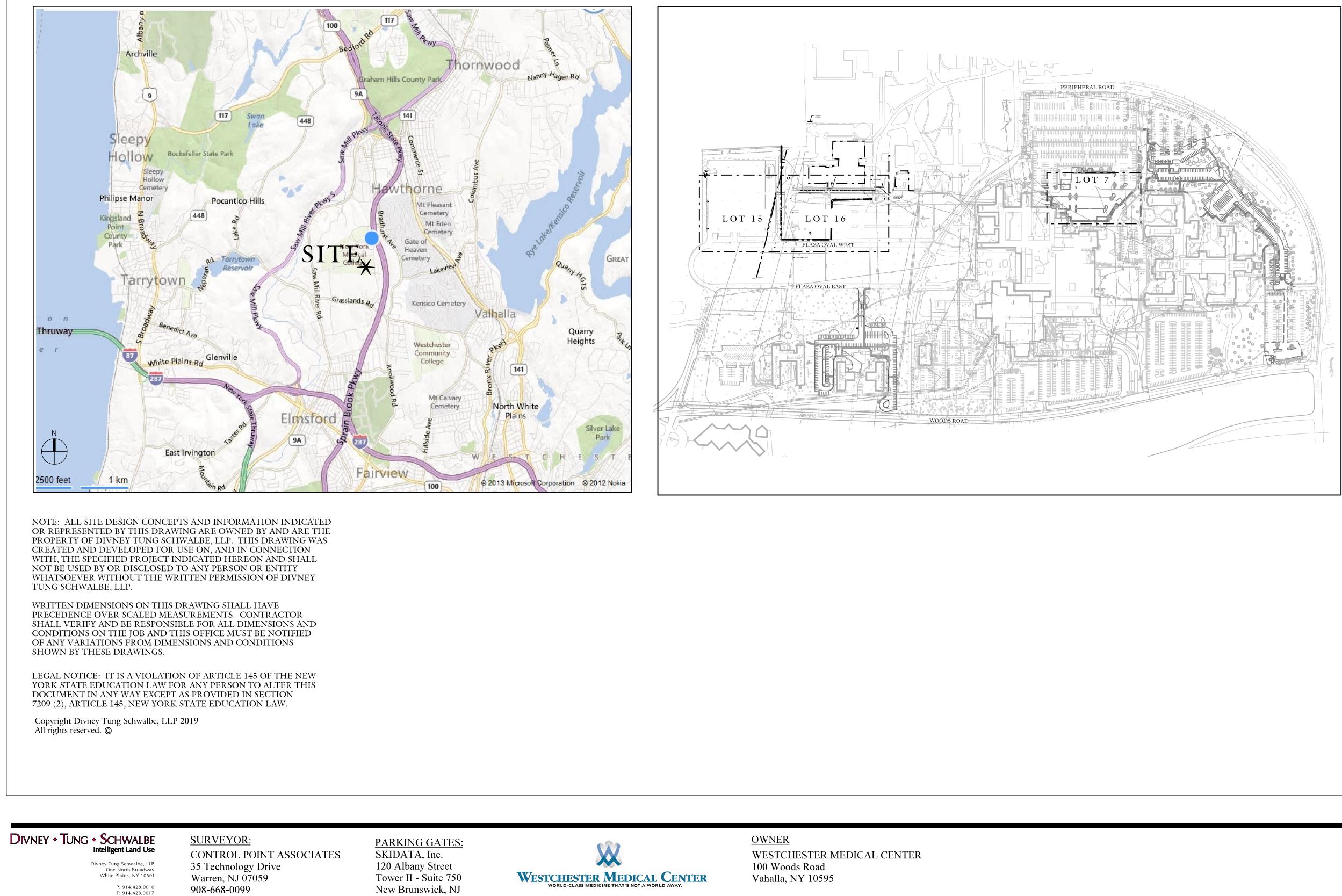
Valhalla, New York PARKING LOTS 7, 15 & 16 ÁCCESS & IMPROVEMENTS CONTRACT DOCUMENT SUBMISSION Contract *#* 14560 June 25, 2019 Issued For Bid

Site Location Map



908-240-2901

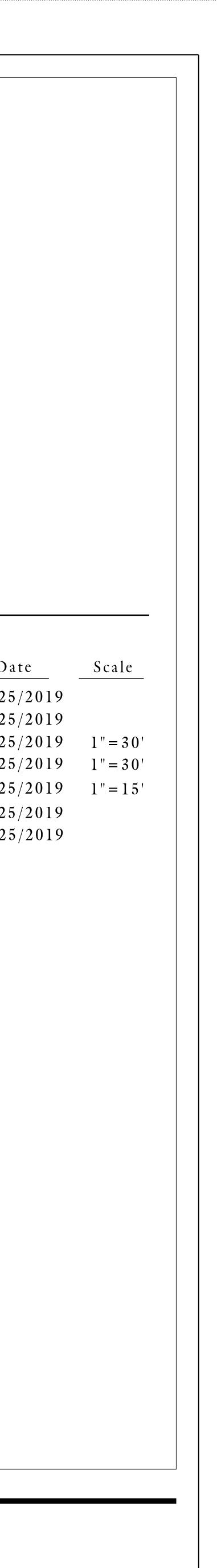


Work Area Map

List of Drawings

SITE CIVIL AND LANDSCAPE DRAWINGS:

No.	Name	Da
	Cover Sheet	06/25
SP-0.1	General Notes	06/25
SP-1.0	Lot 15 & 16 Access Improvement Plan	
SP-1.1	Lot 7 Access Improvement Plan	
SP-1.2	Cedarwood Hall Conduit Layout Plan	
SP-2.0	Site Details / Erosion Control Details	06/25
SP-2.1	Site Details / Erosion Control Details	06/25



GENERAL NOTES

PLOTTED BY: DIVNEY TUNG SCHWALBE, LLP create 6/25/2019 7:04:03 PM G:\CADD\832 Cedarwood\832 CH CD-0.1 Parking Lot Access Improve Gen Notes.p

- 1. WORK UNDER THIS CONTRACT CONSISTS OF: DEMOLITION, CLEARING AND GRUBBING, SOIL EROSION & SEDIMENT CONTROL, EARTH EXCAVATION, ROCK EXCAVATION, GRADING, REMOVAL OF EXCESS MATERIAL, STORM DRAINAGE, SITE LIGHTING, UTILITY TRENCHING AND INSTALLATION. CONCRETE CURB & WALKS, CONCRETE APRONS, BITUMINOUS CONCRETE PAVING, POROUS PAVEMENT, MAINTENANCE & PROTECTION OF TRAFFIC, SIGNAGE, PAVEMENT MARKING, FENCING, BUMPER RAILS AND GUIDERAILS, TOPSOILING, SEEDING AND LANDSCAPING.
- 2. THE TITLE AND TOPOGRAPHIC SURVEY AND THE INFORMATION THEREBY OBTAINED ARE NOT GUARANTEED TO BE ACCURATE OR CORRECT BY THE OWNER. THE ARCHITECT. THE ENGINEER OR ANY OF THEIR AGENTS OR CONTRACTORS. ALTHOUGH REASONABLE CARE WAS USED IN THE DETERMINATION OF THIS INFORMATION, NO LIABILITY SHALL BE IMPOSED, NOR SHALL ANY CLAIM BY THE CONTRACTOR OR HIS SUBCONTRACTORS BE ALLOWED FOR DAMAGES OR FOR EXTRA WORK BY REASON OF ANY INCORRECT INFORMATION OR INACCURACIES CONTAINED OR CONVEYED BY SUCH, OR BY REASON OF ANY CONDITIONS ON THE SITE WHICH ARE NOT DISCLOSED THEREBY.
- 3. THE CONTRACTOR ACKNOWLEDGES THAT HE ASSUMES ALL RISKS CONTINGENT UPON THE NATURE OF THE SUBSURFACE CONDITIONS ACTUALLY ENCOUNTERED IN PERFORMING THE WORK COVERED BY THE CONTRACT. SHOULD THE CONTRACTOR WISH TO PERFORM HIS OWN SITE INVESTIGATIONS PRIOR TO SUBMITTING HIS BID, ARRANGEMENTS MUST BE MADE WITH THE OWNER.
- 4. ALL WORK OF THIS CONTRACT SHALL CONFORM TO THESE CONTRACT DRAWINGS AND SPECIFICATIONS AS WELL AS TO THE APPLICABLE REQUIREMENTS OF THE WESTCHESTER COUNTY DEPARTMENT OF PUBLIC WORKS, ENVIRONMENTAL FACILITIES AND FIRE DEPARTMENT, AS WELL AS THE COGNIZANT PUBLIC UTILITY COMPANIES.
- 5. ALL PAVEMENT MARKINGS AND ALL TRAFFIC CONTROL SIGNAGE SHALL BE IN ACCORDANCE WITH THE NYSDOT STANDARD SPECIFICATION SECTON 685 AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. LATEST EDITION.
- 6. WORK OF THS CONTRACT NOT SPECIFIED EITHER ON THE PLANS OR IN THE PROJECT TECHNICAL SPECIFICATIONS SHALL CONFORM TO THE NYS DEPT. OF TRANSPORTATION CONSTRUCTION STANDARDS SET FORTH IN ITS "STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS" MANUAL PUBLISHED BY THE NYSDOT DESIGN AND CONSTRUCTION DIVISION. DATED MAY 1, 2008 INCLUDING ALL LATEST AMENDMENTS THERETO.
- 7. ALL PROJECT RELATED LINES AND GRADES ARE TO BE ESTABLISHED BY A LICENSED SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF NEW YORK.
- 8. LOCATIONS, ELEVATIONS, INVERTS AND SIZES OF EXISTING UTILITY LINES SHOWN ON THE PLANS ARE TO BE VERIFIED IN THE FIELD BY CAREFUL TEST EXCAVATIONS BY THE CONTRACTOR PRIOR TO STARTING THE WORK. ANY SUBSTANTIVE VARIATIONS FROM THE SURVEY DATA PROVIDED ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER SO THAT APPROPRIATE DESIGN MODIFICATIONS MAY BE MADE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF AND SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC & PRIVATE UNDERGROUND & SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION, INSOFAR AS THEY MAY BE ENDANGERED BY HIS OPERATIONS. THIS SHALL HOLD TRUE WHETHER OR NOT THEY ARE SHOWN ON THE CONTRACT DRAWINGS. IF THEY ARE SHOWN ON THE CONTRACT DRAWINGS, THEIR LOCATIONS ARE NOT GUARANTEED EVEN THOUGH THE INFORMATION WAS OBTAINED FROM THE BEST AVAILABLE SOURCES, & IN ANY EVENT, OTHER UTILITIES NOT SHOWN ON THESE PLANS MAY BE ENCOUNTERED IN THE FIELD. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, REPAIR OR REPLACE ANY STRUCTURES OR UTILITIES THAT HE DAMAGES, & SHALL CONSTANTLY PROCEED WITH CAUTION TO PREVENT UNDUE INTERRUPTION TO UTILITY SERVICE.
- 9. EXISTING DRAINAGE AND UTILITY SYSTEMS ARE TO REMAIN IN SERVICE AT ALL TIMES. THEREFORE, THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE EXISTING DRAINAGE OR UTILITY SYSTEMS WITHIN OR ADJACENT TO THE WORK SHOWN ON THESE DRAWINGS TO REMAIN. ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL IMMEDIATELY BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE AND TO THE SATISFACTION OF THE OWNER OR UTILITY COMPANY INVOLVED.
- 10. IF TEMPORARY UTILITY SERVICES ARE REQUIRED. THE CONTRACTOR SHALL SEE TO IT THAT THEY ARE PROVIDED AT NO ADDITIONAL COST TO THE OWNER, AND SHALL BE RESPONSIBLE FOR MAINTAINING SUCH TEMPORARY FACILITIES FOR THE DURATION OF THE CONTRACT WORK. THIS WORK INCLUDES PROVIDING ADEQUATE LIGHTING FOR THE EXISTING RESIDENTS AND STAFF.
- 11. THE CONTRACTOR SHALL VERIFY IN THE FIELD, IN THE PRESENCE OF THE ARCHITECT, ENGINEER, OR OWNERIS REPRESENTATIVE THE LOCATION OF ALL WORK COVERED BY THIS CONTRACT PRIOR TO THE START OF CONSTRUCTION IN ORDER TO ASSURE THAT UNNECESSARY PAVEMENT, TREE OR VEGETATION REMOVAL ARE AVOIDED. WORK SHALL NOT START UNTIL THIS FIELD VERIFICATION HAS BEEN MADE AND APPROVAL TO COMMENCE HAS BEEN OBTAINED FROM THE ARCHITECT, ENGINEER, OR OWNER'S REPRESENTATIVE.
- 12. ROCK BLASTING IS NOT PERMITTED.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL TRADES REQUIRED BY THE CONTRACT WORK AND SHALL OBTAIN ALL REQUIRED BONDS, PERMITS, ETC. REQUIRED FOR THE EXECUTION OF THE WORK AND CONFORM THE WORK WITH ALL APPLICABLE CODES, RULES AND REGULATIONS OF THE GOVERNING AGENCIES. THE CONTRACTOR IN ACCORDANCE WITH NEW YORK STATE LAW (CODE RULE 53) SHALL BE RESPONSIBLE FOR NOTIFYING THE APPROPRIATE UTILITY COMPANY OR AGENCY PRIOR TO COMMENCING ANY EXCAVATION WORK AND SHALL NOTIFY THE "CALL BEFORE YOU DIG" HOTLINE @ 1-800-962-7962 PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES. AGENCIES SHALL BE GIVEN SEVENTY-TWO (72) HOURS ADVANCE NOTIFICATION PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL INCLUDE A PRIVATE UNDERGROUND UTILITY LOCATOR COMPANY TO MARK OUT ALL UNDERGROUND UTILITIES AND STRUCTURES WITHIN THE PROPOSED WORK AREA PRIOR TO STARTING ANY WORK.
- 14. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT OTHER CONTRACTORS MAY BE WORKING IN THE AREA ON OTHER CONSTRUCTION CONTRACTS LED BY THE OWNER AT THE SAME TIME THAT WORK IS PERFORMED UNDER THIS CONTRACT. THE CONTRACTOR SHALL BE AWARE OF THE NATURE AND EXTENT OF THIS OTHER WORK AND SHALL SCHEDULE AND CONDUCT HIS OPERATIONS SO THAT THERE WILL BE NO CONFLICT IN THE WORK.
- 15. SAFE AND ADEQUATE PEDESTRIAN AND VEHICULAR TRAFFIC FLOW SHALL BE MAINTAINED AT ALL TIMES TO THE EXISTING AND ADJACENT BUILDINGS AND PARKING AREAS WHILE THE WORK IS PROGRESSING. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL OF THE OWNER A CONSTRUCTION SEQUENCE SCHEDULE AND PHASING PLAN FOR PEDESTRIAN AND VEHICULAR TRAFFIC FLOW. PHASING OF WORK SHALL PROVIDE FOR ADEQUATE PARKING TO RESIDENTS AT ALL TIMES.
- 16. ALL UNPAVED AREAS WITHIN THE WORK AREAS AND ALL AREAS DISTURBED DURING CONSTRUCTION ARE TO BE STABILIZED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS UNLESS OTHERWISE DIRECTED BY THE OWNER, TURFED AREAS, DISTURBED BY REGRADING AND OTHER WORK OF CONTRACTOR, SHALL BE BROUGHT TO THE PROPER SUBGRADE ELEVATION, TOPSOIL TO A MINIMUM DEPTH OF 4 INCHES SHALL BE PLACED, AND LIMING, FERTILIZING AND SEEDING ACCOMPLISHED FOR STABILIZATION. THE CONTRACTOR SHALL WATER AND MAINTAIN THE SEEDED AREAS UNTIL THEY HAVE BECOME WELL ESTABLISHED.
- 17. EXISTING PAVEMENT WHICH IS TO REMAIN AND WHICH IS REMOVED OR DAMAGED DURING THE CONSTRUCTION WORK OF THIS CONTRACT IS TO BE **RESTORED TO ITS ORIGINAL CONDITION.**
- 18. THE CONTRACTOR SHALL ARRANGE FOR DISPOSAL OF ALL DEMOLITION DEBRIS. CLEARED AND GRUBBED MATERIAL, DEMOLISHED PAVEMENT AND MISCELLANEOUS UNSUITABLE MATERIAL RESULTING FROM THE OPERATIONS OF THIS CONTRACT, AT OFFSITE LOCATIONS, OR AS OTHERWISE DIRECTED BY THE OWNER. TREES, STUMPS OR ORGANIC DEBRIS SHALL BE REMOVED OFFSITE; NO ONSITE DISPOSAL IS PERMITTED.
- 19. UNLESS SPECIFICALLY SHOWN OR DIRECTED TO BE REMOVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AGAINST DAMAGE TO ANY EXISTING TREES IN THE AREA OF HIS CONSTRUCTION OPERATIONS. ANY SUCH PLANT MATERIAL NOT SO PROTECTED AND MAINTAINED SHALL BE REPLACED WITH NEW PLANT MATERIAL OF SIMILAR CALIPER OR AS DIRECTED BY THE OWNER AT THE BEGINNING OF THE FIRST GROWING SEASON WHICH FOLLOWS. EXISTING TREES IN AREAS TO BE GRADED SHALL BE RELOCATED AND MAINTAINED, TEMPORARILY, AND TRANSPLANTED UPON COMPLETION OF THE WORK AS DIRECTED THE OWNER. DAMAGE TO OTHER PLANTS SHALL BE REPLACED AT THE DISCRETION OF THE OWNER. ANY ADDITIONAL PERMITS THAT MAY BE REQUIRED FROM THE TOWN OF MOUNT PLEASANT TO COMPLETE THE WORK SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 20. UNLESS OTHERWISE SHOWN HEREON OR DIRECTED BY THE OWNERIS REPRESENTATIVE OR ENGINEER, THE CONTRACTOR SHALL MATCH THE MATERIALS, TYPES, THICKNESS AND QUALITY OF EXISTING BITUMINOUS CONCRETE PAVEMENTS, WALKWAYS AND CURBS WHICH ARE TO BE REPLACED.
- 21. AT NO TIME SHALL ANY EXCAVATED AREAS BE LEFT UNATTENDED UNLESS APPROPRIATE MARKING AND BARRACADING IS EMPLOYED.
- 22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL EXISTING UTILITY VALVES, MANHOLE FRAMES, COVERS, RIMS, INVERTS AND HYDRANTS TO MEET NEW FINISH GRADE OR AS OTHERWISE REQURIED TO FUNCTION PROPERLY.
- 23. DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL MAINTAIN AN ACCURATE RECORD OF ANY AND ALL CHANGES RELATED TO FIELD CONDITIONS, INCLUDING AREAS OF ROCK EXCAVATION. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL FILE WITH THE OWNER A COMPLETE SET OF "AS CONSTRUCTED" DRAWINGS PREPARED BY A NYS LICENSED LAND SURVEYOR SHOWING AND LOCATING ALL FEATURES OF THE WORK AS INSTALLED.
- 24. ALL CAMERA EQUIPMENT, DATA CABLE, TERMINAL CONNECTIONS AND RELATED SYSTEMS SHALL BE SUBMITTED TO WESTCHESTER MEDICAL CENTER FOR REVIEW AND APPROVAL. NO SPLICING OF DATA CABLE WILL BE PERMITTED UNLESS APPROVED BY WESTCHESTER MEDICAL CENTER.

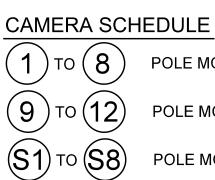
- 26. CONTRACTOR SHALL FIELD VERIFY EXISTING GRADES, EXISTING STRUCTURE AND OTHER EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND SHALL REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE FOR FURTHER RESOLUTION.
- 27. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS AND SHALL BE RESPONSIBLE FOR FIELD FIT FINISH AND QUALITY OF WORK AND MATERIALS USED IN THE CONSTRUCTION. NO ALLOWANCE SHALL BE MADE ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLECT OF THEIR PART.
- 28. THE CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT AND RESTORATION OF ALL NATURAL AND MANMADE FEATURES WHETHER SHOWN ON THE PLANS OR ENCOUNTERED IN THE FIELD. IT IS THE INTENTION OF THE PLAN TO SHOW ONLY MAJOR FEATURES TO BE PROTECTED, RESTORED OR REPLACED.
- 29. TOPSOIL SHALL BE PLACED AND AREAS SHALL BE SEEDED AS SOON AS FINAL GRADES ARE ESTAB. ON PERM. SLOPES. SLOPES SHALL ALSO BE MULCHED.
- 30. THE CONTRACTOR SHALL CONTACT ALL OF THE APPROPRIATE PARTIES WITH JURISDICTION OVER THE UTILITIES ENTERING ON OR NEAR PROJECT AREA PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES AND PROVIDE THOSE AGENCIES 72 HOURS NOTIFICATION.
- 31. FOR SOIL FILL PLACED UNDER UTILITY MAINS, COMPACT SOIL TO NOT LESS THAN THE REQUIRED PERCENTAGES OF MAXIMUM DENSITY DETERMINED IN ACCORDANCE WITH ASTM D-1557 FOR ALL SOILS THAT EXHIBIT A WELL DEFINED MOISTURE DENSITY RELATIONSHIP. FOR SOILS THAT DO NOT EXHIBIT A WELL DEFINED MOISTURE DENSITY RELATIONSHIP. COMPACT SOILS TO NOT LESS THAN THE REQUIRED PERCENTAGES OF ITS MAXIMUM DENSITY ACCORDING TO ASTM D-4253.
- 32. ALL EXISTING AND PROPOSED CAMPUS WAYFINDING AND GUIDE SIGNS SHALL NOT BE LOCATED WITHIN THE COUNTY RIGHT OF WAY AND OBSTRUCT SIGHT LINES AT ROADWAY INTERSECTIONS OR ALL SIGNS ON WOODS ROAD SHALL BE UPDATED TO COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND NYSDOT STANDARD SPECIFICATIONS SECTION 645. (MUST BE BRAKWAY POSTS, USE APPORPRIATE COLORS, USE ALUMINUM PANELS WITH RETRO-REFLECTIVE SHEETING). ALL SIGNAGE WITHIN THE COUNTY RIGHT OF WAY REQUIRES REVIEW AND APPROVAL FROM WESTCHESTER COUNTY DEPARTMENT OF PUBLIC WORKS AND TRAFFIC.
 - MEDICAL CENTER CONTACT INFORMATION: 1. DATA, COMMUNICATIONS AND CAMERA EDWIN QUIROZ 914-355-0311
 - 2. PARKING GATE ACCESS FREDDY DELAROSA 914-325-4701
 - 3. FACILITIES MICHAEL PRASKIEVICZ 914-493-7912
 - 4. ELECTRICAL CONNECTIONS ALFRED ADAMO 914-493-8953
 - DATA CABLE REQUIREMENTS FOR PARKING GATES AND CAMERAS
 - 1. AT LOCATIONS SHOWN ON PLAN, INSTALL A 12 STRAND SINGLE 9/125µM (OS1/OS2) SINGLEMODE OUTDOOR PLANT ARMORED STRANDED CABLE TO EACH PARKING GATE SYSTEM TO AN APPROVED SWITHCH INTERFACE LOCATED AT EACH PARKING GATE. CABLES SHALL BE INSTALLED 2-INCH CONDUITS PLUS AN EMPTY SPARE CONDUIT IN THE LOCATIONS WHERE SHOWN ON THE PLAN WITH MANHOLE PULL BOXES SPACED MAXIMUM 300 FEET FROM THE GATE TO THE CEDARWOOD HALL AND PARKING GARAGE DATA ROOM.
 - AT GATE LOCATIONS, INSTALL WITHIN AN ELECTRICAL ENCLOSURE A NETWORK SWITCH, MODEL IE -3000-8TC AS MANUFACTURED BY CISCO. INSTALL CAT 6 OUTDOOR PLANT DATA CABLE IN CONDUIT TO EACH CAMERA, GATE CONTROL AND VOICE-INTERCOM DEVICE.
 - EACH GATE SHALL INCLUDE AN UNITERRUPTED POWER SUPPLY (UPS).
 - NO SPLICING OF CABLE WILL BE PERMITTED BETWEEN THE PARKING GATES INTERFACE SWITCH AND THE TERMINAL CONNECTIONS IN THE DATA ROOMS. TERMINAL CONNECTIONS ARE LOCATED IN CEDARWOOD HALL AND EXISTING NEMA 4X BOX ACROSS FROM LOT 7.
 - EXTERIOR CONDUIT SHALL BE SCHEDULE 40 PVC USING WATER TIGHT FITTINGS MEETING UL651 / NEMA TC 2 SPECIFICATIONS.
 - 6. DEPTH OF BURIED CONDUIT SHALL BE 24-INCHES TO THE TOP OF THE CONDUIT TO FINISHED GRADE.
 - WITHIN THE BUILDING CABLE SHALL BE INSTALLED IN ELECTRICAL 7. METALLIC TUBING (EMT) AND WHERE APPROVED DUE TO LIMITED ACCESS CONDITIONS FLEXIBLE METAL CONDUIT (FMC) MAY BE UTILIZED.
 - EXPOSED CONDUITS FOR EXISTING GATE SYSTEM RETROFIT AND ANY 8 OTHER EXPOSED CONDUITS SHALL BE GALVANIZED ELECTRICAL METALLIC TUBING(EMT).
 - THE CONTRACTOR SHALL PREPARE A SHOP DRAWING DIAGRAM SHOWING ALL DEVICES, CONNECTIONS, CABLES AND TERMINAL CONNECTIONS TOGETHER WITH ALL MANUFACTURER MATERIAL AND EQUIPMENT CUT SHEETS FOR EACH GATE AND CAMERA SITE TO WMC SECURITY DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO PURCHASIN AND INSTALLATION.
 - ALL GATE INSTALLATIONS AND COMMISSIONING SHALL BE COORDINATED 10. WITH THE GATE MANUFACTURER SKIDATA.

- 11. PROVIDE THE FOLLOWING SWITCHES: A. ALLIED TELESIS INDUSTRIAL NETWORK SWITCH: AT-IE300-12GP-80 FOR 8 DEVICES B. INDOOR ALLIED TELESIS SFP PER SWITCH: AT-SPLx10
- GROUNDED WIRE CONDUCTOR TO THE NEMA 4X ENCLOSURE OR TO A DESIGNATED PANEL WITHIN THE EXISTING CEDARWOOD HALL BUILDING OR PARKING GARAGE.

NOTE: DATA SWITCH AND FIBER OPTIC CABLE SPECIFIED ON THE PLANS ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL VERIFY ALL SYSTEMS, DEVICES, CABLES AND PROVIDES A COMPLETE OPERATIONAL SYSTEM FOR THE GATE CONTROLS AND CAMERA EQUIPMENT AND IS FULLY COMPATIBLE WITH THE WMC IT SYSTEM. THE CONTRACTOR SHALL COORDINATE GATE EQUIPMENT INSTALLATION WITH SKIDATA INC.

ELECTRIC AND DATA SERVICE SWITCH ENCLOSURE

- 1. PROVIDE A NEMA 4X STAINLESS STEEL WATERPROOF HOSE RATED ENCLOSURE, DIMENSIONS SHALL BE AS REQUIRED TO HOUSE ALL REQUIRED POWER/DATA/CONTROL/SECURITY EQUIPMENT. BUT SHALL NOT BE LESS THAN 18" DEPTH. 36" WIDTH AND 36" HEIGHT. CABINET SHALL BE EQUIPPED WITH A WHITE STAND OFF INTERIOR BACKING MOUNTING PLATE MOUNTED ON PHENELIC SUPPORTS. THE CABINET SHALL BE EQUIPPED WITH A 150 WATT CABINET HEATER THAT SHALL BE SELF-OPERATING AT AN ADJUSTABLE SET
- POINT ON THE THERMOSTAT OF THE HEATER. HEATER SHALL OPERATE WHEN TEMPERATURE WITHIN THE BOX IS BELOW 45 DEGREES FARENHEIGHT. CABINET HEATER SHALL BE INSTALLED AT BOTTOM OF THE CABINET.
- 3. CABINET SHALL BE INTERLOCKED TO MAIN DISCONNECT SWITCH ON THE INTERIOR. CABINET SHALL ACCOMMODATE 3-30A 120 VOLT CIRCUITS FROM THE 120/208 VOLT 3 PHASE PANELBOARD SERVING THE RESPECTIVE VEHICULAR GATE LOCATION.
- 4. EACH 120 VOLT CIRCUIT SHALL HAVE A FUSE BLOCK TO SERVE THE RESPECTIVE ELECTRIC CIRCUIT REQUIREMENTS OF THE PARKING EQUIPMENT GATES.
- 5. THE ENCLOSURE SHALL BE EQUIPPED WITH A 30 POINT TERMINAL STRIP, AND 3" X 3" WIRE WAYS ON EACH SIDE TO TERMINATE AND TRAIN WIRING. THE ENCLOSURE SHALL BE EQUIPPED WITH GROUND LUG, AND THE ENCLOSURE SHALL BE GROUNDED IN
- ACCORDANCE WITH THE NATIONAL ELECTRIC CODE. 6. ALL WIRING IN THE ENCLOSURE SHALL BE 600 VOLT RATED, OR THE 600 VOLT WIRING SHALL BE SEGREGATED FROM ALL OTHER
- WIRING USING PHYSICAL BARRIERS. AS REQUIRED BY THE NATIONAL ELECTRIC CODE. 7. PROVIDE 3 30 AMP 120 VOLT CIRCUITS TO EACH ENTRY/EXIT LOCATION EQUIPPED WITH GATES AND CARD READERS, USING 4-# 6
- WIRES AND 1-#10 GRD IN 2" CONDUIT TO THE ENCLOSURE.
- 8. PROVIDE A 2" CONDUIT WITH DRAG LINE FROM THE DATA ROOM TO THE ENCLOSURE LOCATION FOR DATA/CONTROL/SECURITY FIBEROPTIC EQUIPMENT INTERCONNECTIONS TO THE WESTCHESTER MEDICAL CENTER SYSTEMS. 9. NEMA BOX ENCLOSURE SHALL INCLUDE DIN RAIL TO HANG SWITCHES AND POWER SUPPLY.



POLE MOUNTED GATE BULLET CAMERAS: VICON SN683D-WIR

POLE MOUNTED SECURITY PTZ CAMERAS: VICON MODEL NO. V988B-W311MIR

POLE MOUNTED PTZ SURVEILLANCE CAMERAS: VICON MODEL NO. V988B-W311MIR

12. PROVIDE DIN RAILS FOR EACH NEMA4X TO HANG THE SWITCH AND POWER SUPPLY

13. EACH CAMERA SHALL BE CONNECTED TO A CAT 6 OUTDOOR PLANT DATA CABLE AND AN OUTDOOR PLANT 18/2

C. OUTDOOR ALLIED TELESIS SFP PER SWITCH: AT-SPLX10/I

D. MEAN WELL POWER SUPPLY PER SWITCH: WDR-240-48



LOT 7, 15 & 16 Parking Lot Improvements CONTRACT NUMBER CMC-14560

WESTCHESTER MEDICAL CENTER 100 Woods Road Valhalla, NY 10595

PLANNER, CIVIL ENGINEER, LANDSCAPE ARCHITECT: DIVNEY • TUNG • SCHWALBE Intelligent Land Use Divney Tung Schwalbe, LLP One North Broadway White Plains, NY 10601 P: 914.428.0010 F: 914.428.0017

SURVEYOR: CONTROL POINT ASSOCIATES 35 Technology Drive Warren, NJ 07059 908-668-0099

PARKING GATES: SKIDATA, Inc 120 Albany Street Tower II - Suite 750 New Brunswick, NJ 908-240-2901



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WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED MEASUREMENTS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. LEGAL NOTICE: IT IS A VIOLATION OF ARTICLE 145 OF THE NEW

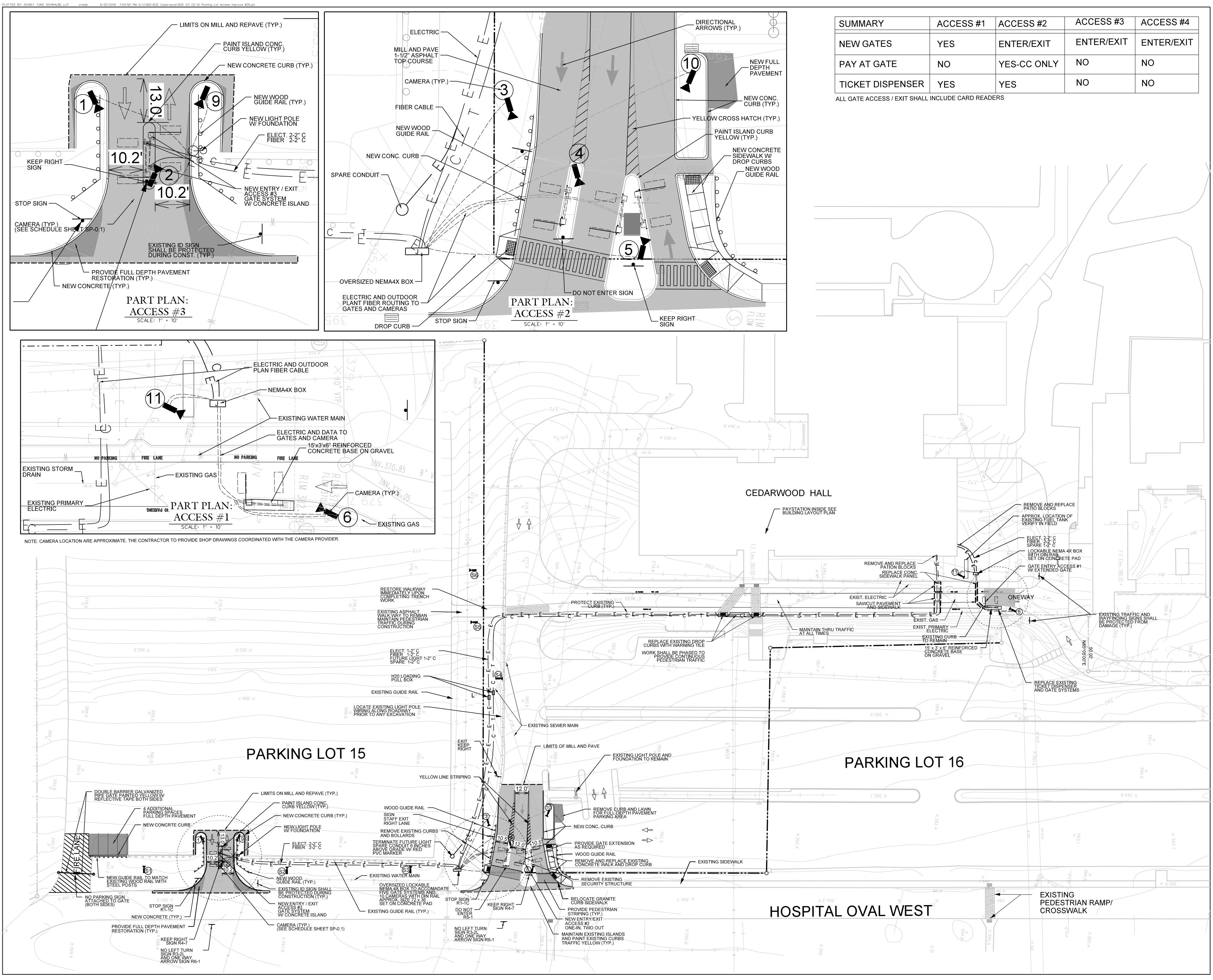
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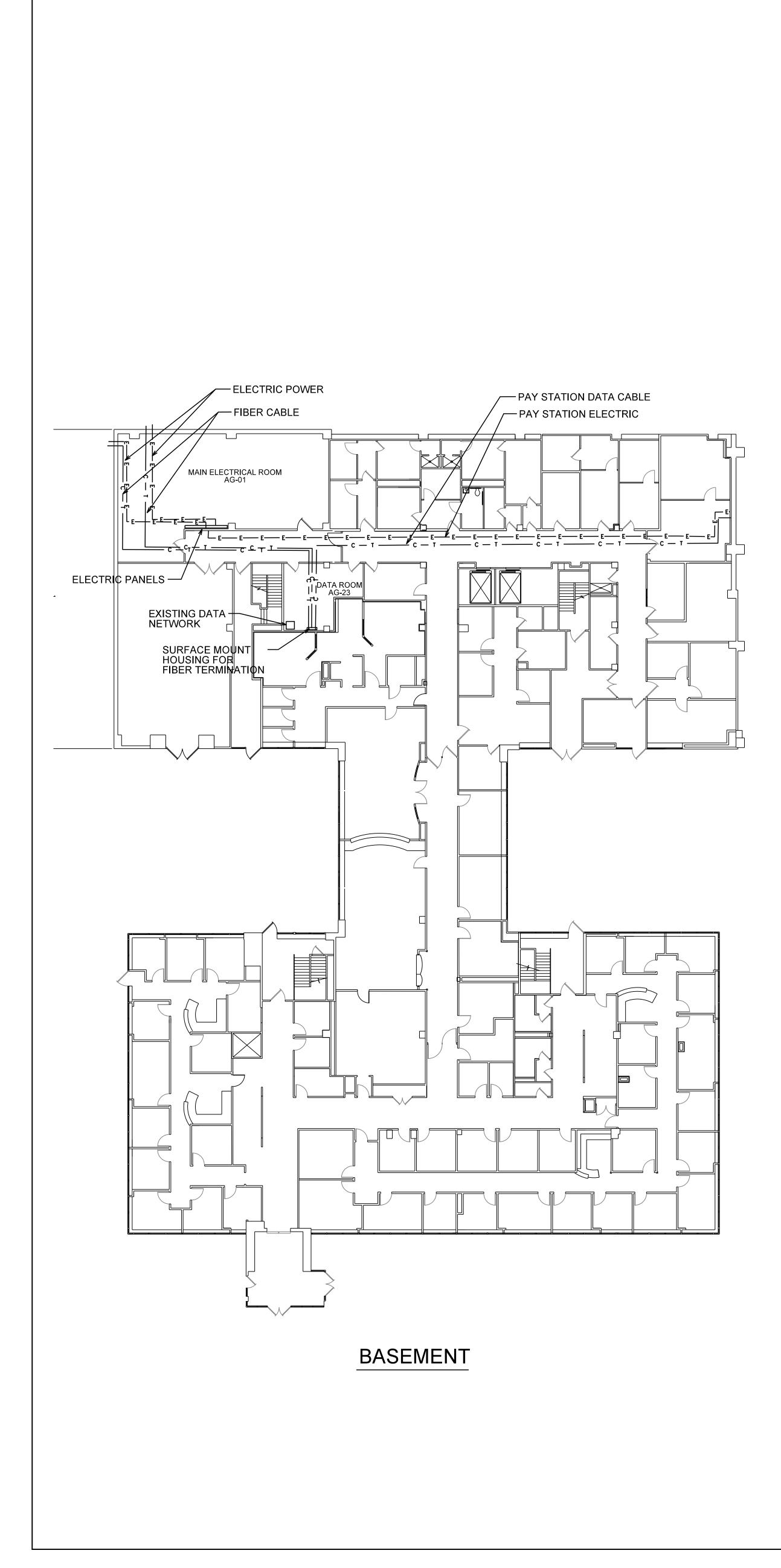


SUMMARY	ACCESS #1	ACCESS #2	ACCESS #3	ACCESS #4
NEW GATES	YES	ENTER/EXIT	ENTER/EXIT	ENTER/EXIT
PAY AT GATE	NO	YES-CC ONLY	NO	NO
TICKET DISPENSER	YES	YES	NO	NO

WORLD-CLASS MEDICINE THAT'S NOT A WORLD AWAY.
Valhalla, New York
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WESTCHESTER MEDICAL CENTER
100 Woods Road Valhalla, NY 10595
<u>PLANNER, CIVIL ENGINEER,</u> LANDSCAPE ARCHITECT:
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908-668-0099 PARKING GATES:
SKIDATA, Inc. 120 Albany Street
Tower II - Suite 750 New Brunswick, NJ 908-240-2901
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DRAWN BY: RCC/CR GMS
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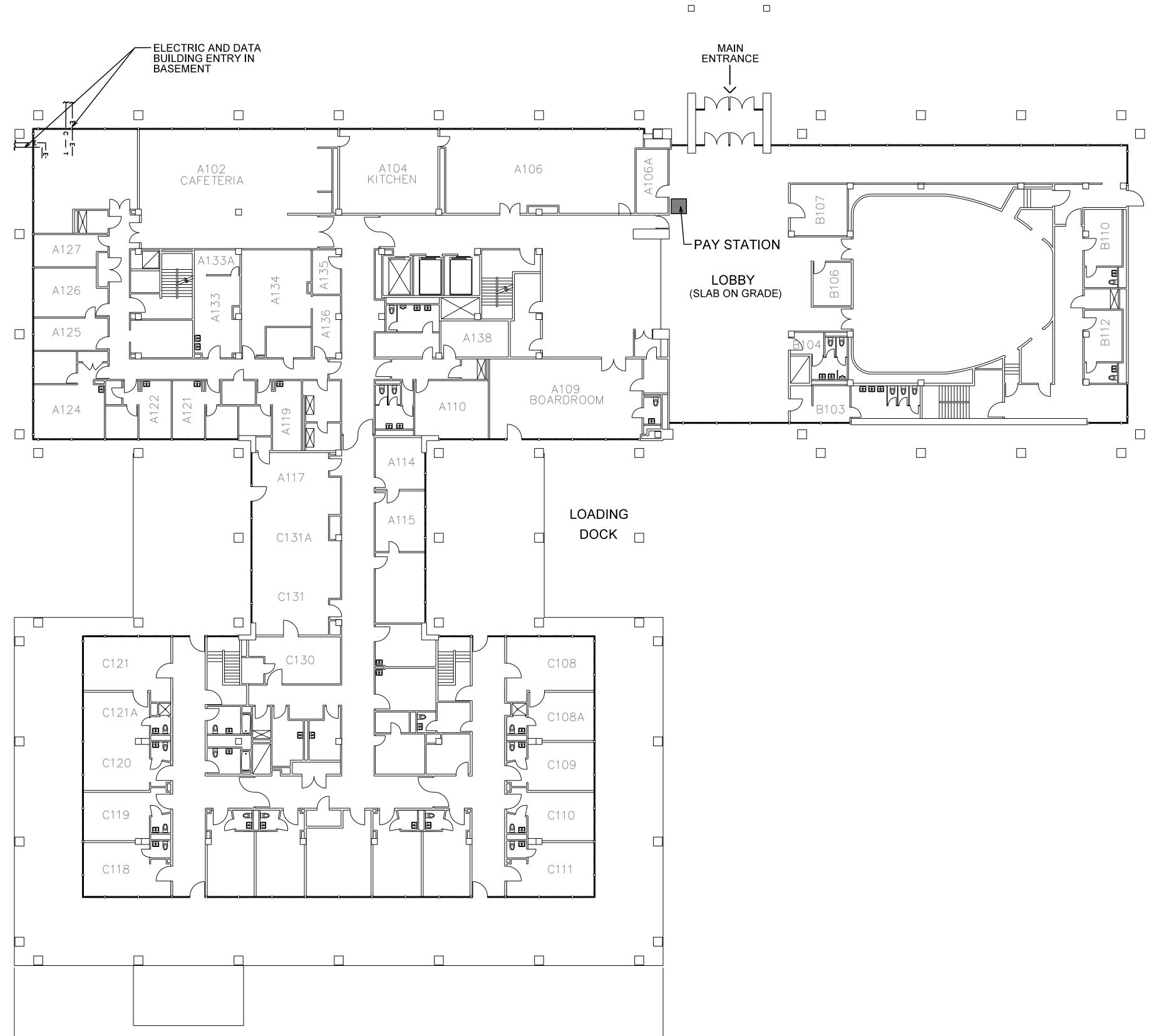


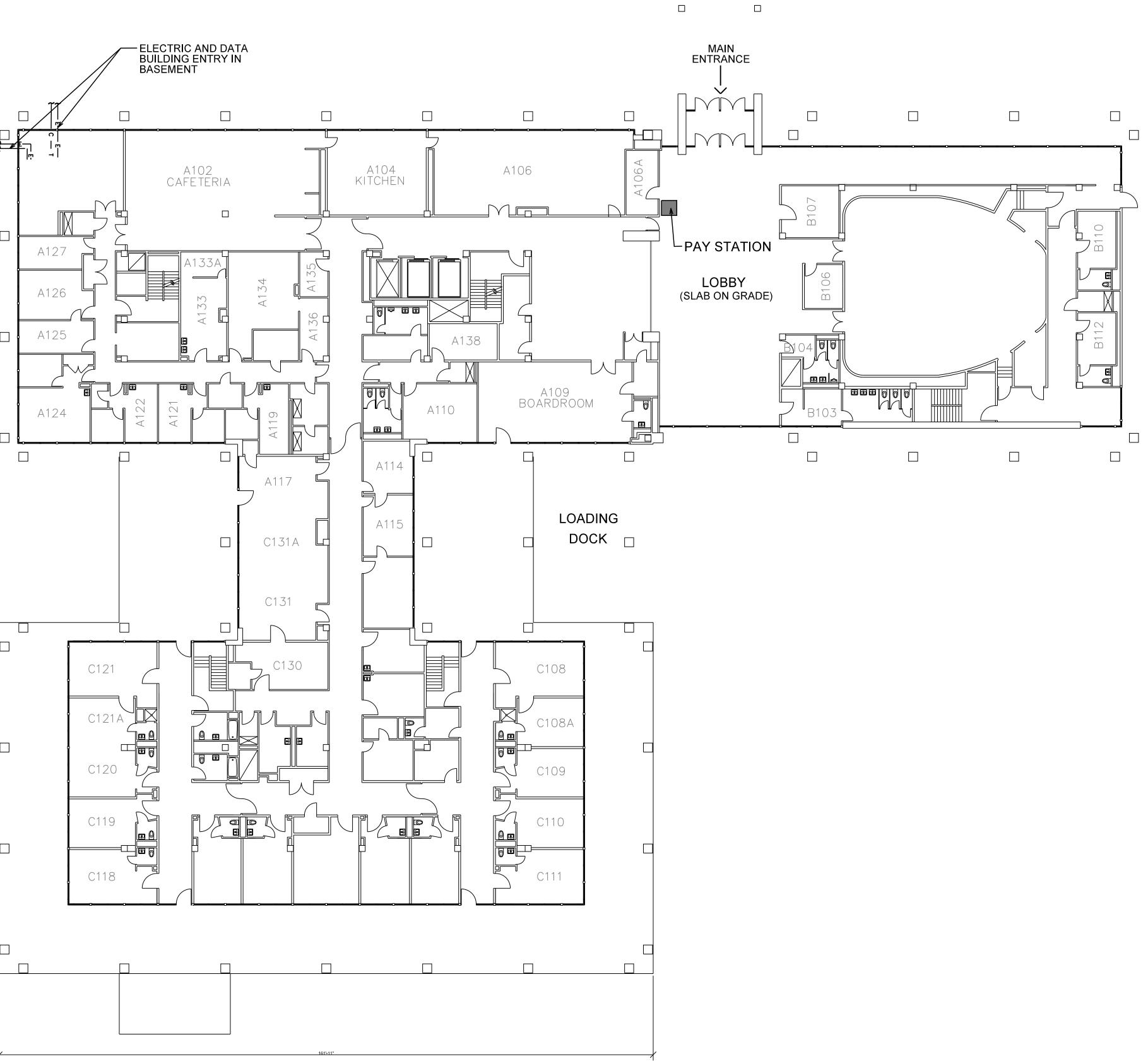
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06/25/19 ISSUED FOR BID
DRAWING TITLE:
LOT 7 ACCESS IMPROVEMENT PLAN
DRAWN BY: CHECKED BY:
RCC/CR GMS PROJECT NO. DATE: 832 03/07/19
DRAWING NO.
CD-1.1



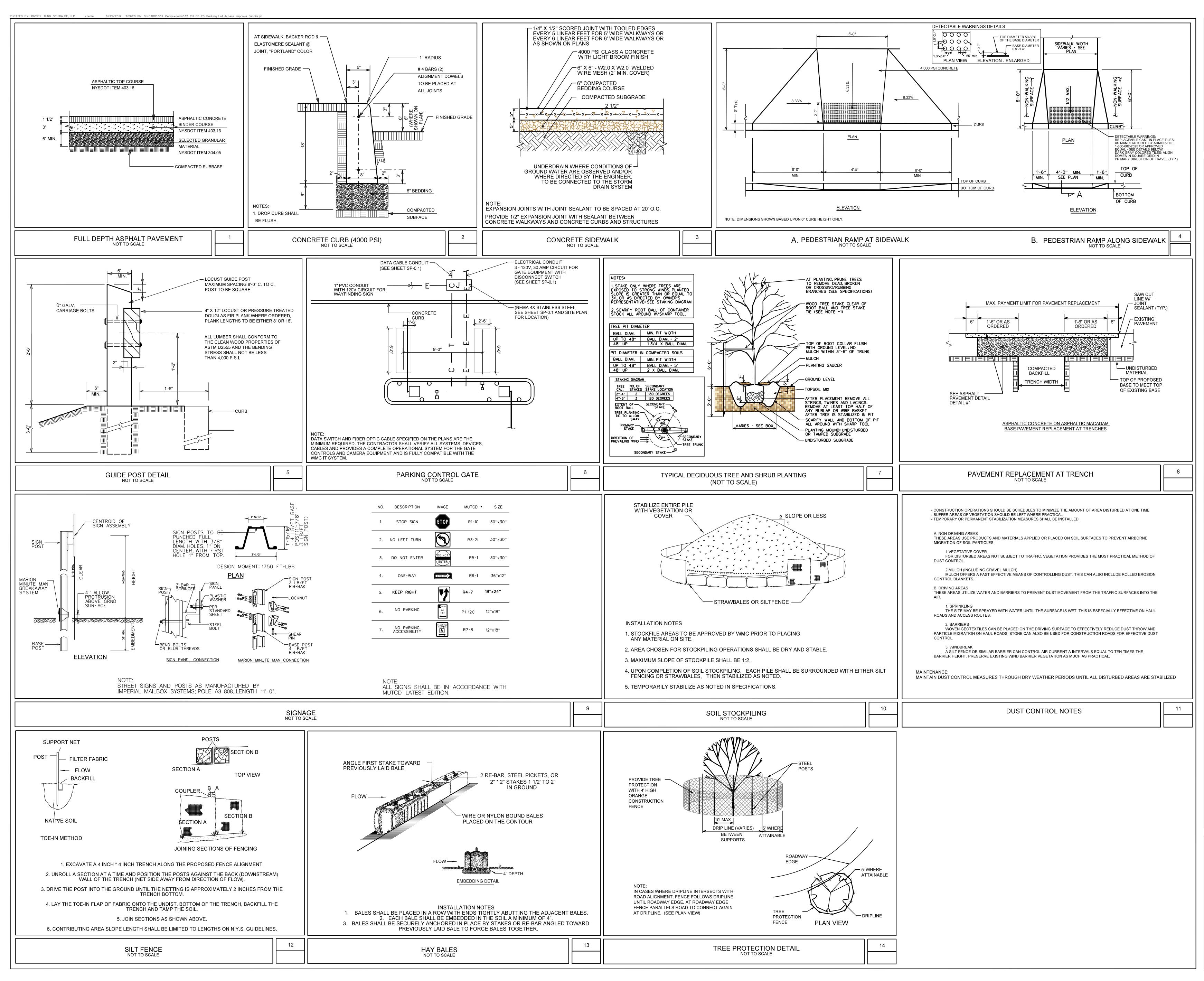
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LOT 7, 15 & 16 Parking Lot Improvements CONTRACT NUMBER CMC-14560
WESTCHESTER MEDICAL CENTER 100 Woods Road Valhalla, NY 10595
PLANNER, CIVIL ENGINEER, LANDSCAPE ARCHITECT: DIVNEY • TUNG • SCHWALBE
Intelligent Land Use Divney Tung Schwalbe, LLP One North Broadway White Plains, NY 10601 P: 914.428.0010 F: 914.428.0017
<u>SURVEYOR:</u> CONTROL POINT ASSOCIATES 35 Technology Drive Warren, NJ 07059
908-668-0099 <u>PARKING GATES:</u> SKIDATA, Inc.
120 Albany Street Tower II - Suite 750 New Brunswick, NJ
908-240-2901
N 0 7.5 15 30
SCALE: 1'' = 15'
OF CALL BEFORE
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DRAWING TITLE:
CEDARWOOD HALL
CONDUIT LAYOUT PLAN
DRAWN BY: RCC/CR PROJECT NO. 832 03/07/19
DRAWING NO.
CD-1.2





LOT 7, 15 & 16 Parking Lot Improvements CONTRACT NUMBER CMC-14560

WESTCHESTER MEDICAL CENTER 100 Woods Road Valhalla, NY 10595

PLANNER, CIVIL ENGINEER, ANDSCAPE ARCHITECT: DIVNEY • TUNG • SCHWALBE Intelligent Land Use Divney Tung Schwalbe, LLP One North Broadway White Plains, NY 10601 P: 914.428.0010 F: 914.428.0017

SURVEYOR: CONTROL POINT ASSOCIATES 35 Technology Drive Warren, NJ 07059 908-668-0099

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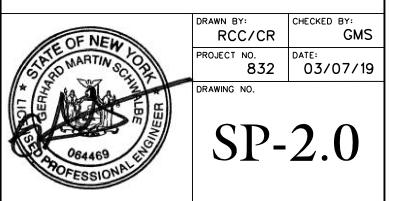
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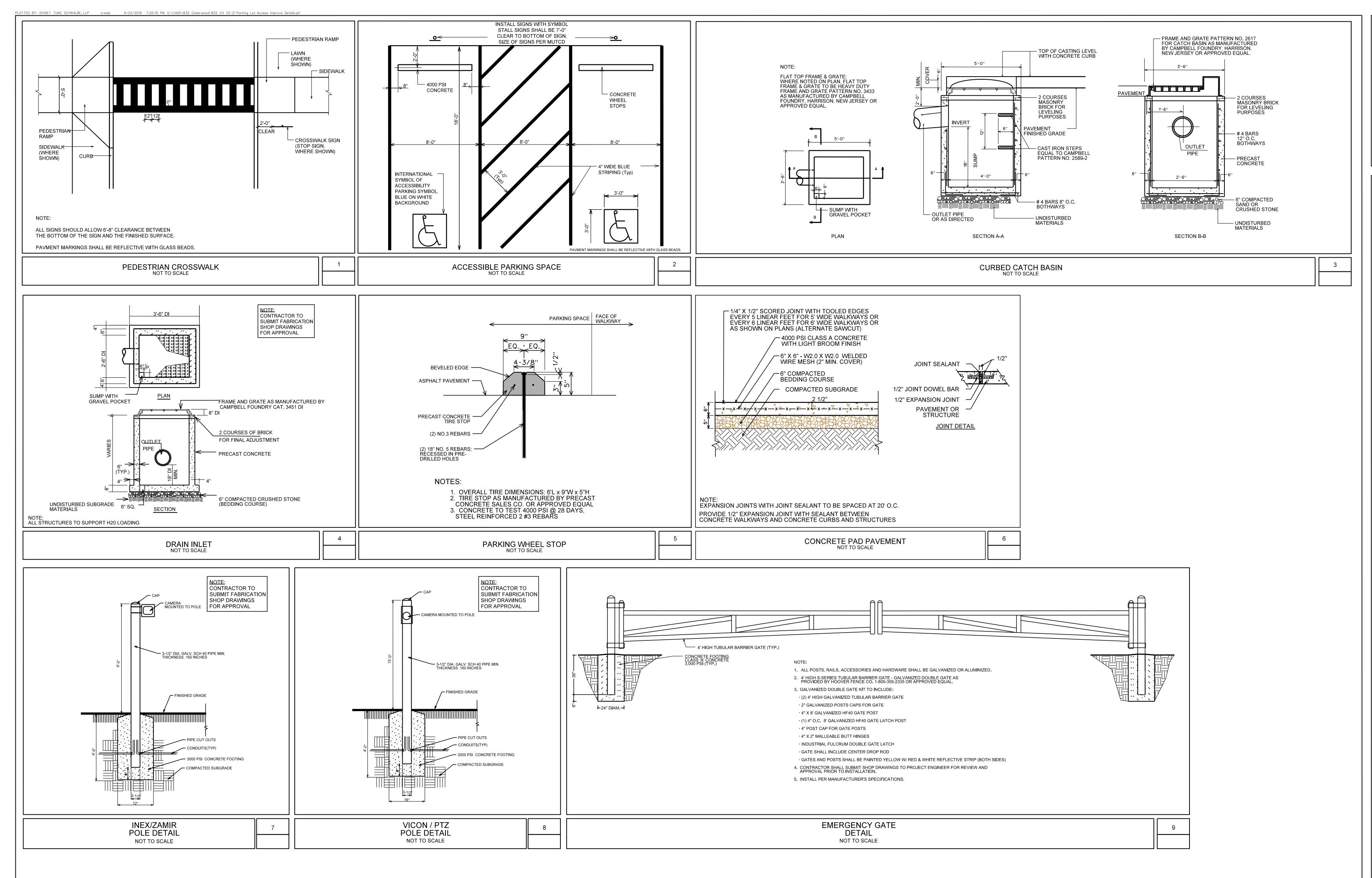
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