

NASHVILLE VAMC

IMPROVE PARKING ACCESSIBILITY & CONTROLS

TENNESSEE VALLEY HEALTHCARE SYSTEM
1310 24TH AVE S.
NASHVILLE, TN 37212

PROJECT CONTACTS

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Indianapolis, IN 46205
T: 317-800-6388 x104
spaul@guidondesign.com

Stacey Paul, PE
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scott@echopowerengineering.com

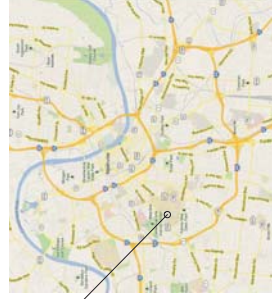
DRAWING INDEX

SHEET NUMBER	SHEET NAME
1-X1-361	TITLE SHEET
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C111	DEMOLITION PLAN, AREAS 2-4
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C121	SITE PLAN, AREAS 2-4
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C130	SITE DETAILS
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E113	ELECTRICAL PLAN PARKING GARAGE LEVEL B / LEVEL 4
E114	ELECTRICAL PLAN PARKING GARAGE LEVEL 1
E115	ELECTRICAL SITE PLAN

LOCATION MAP



VICINITY MAP



CONSULTANTS



ARCHITECT/ENGINEERS



Drawing Title

TITLE SHEET

Approved Project Director

100% CONSTRUCTION BID DOCUMENTS

Project Title

IMPROVE PARKING ACCESSIBILITY + CONTROLS

VA TENNESSEE VALLEY HEALTHCARE SYSTEM

Location

NASHVILLE, TN

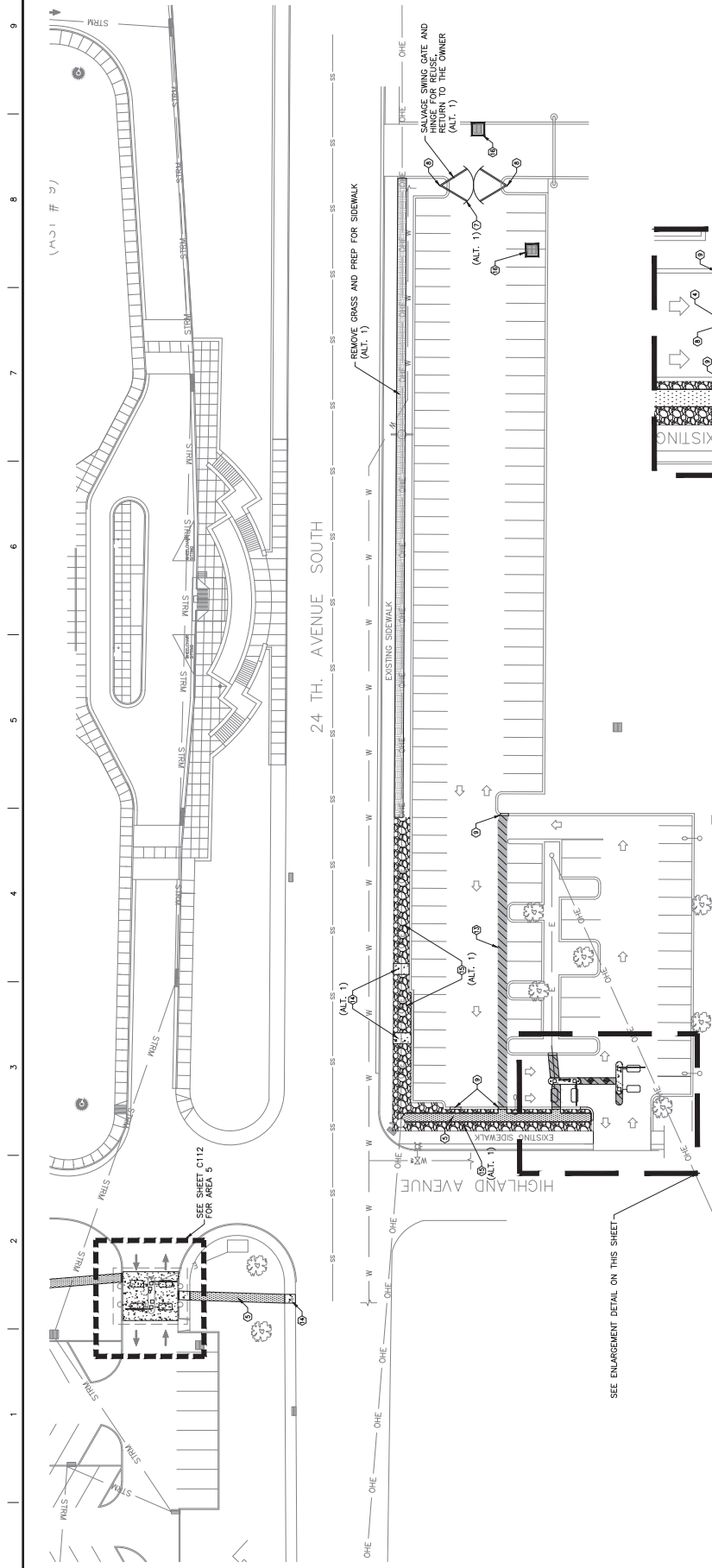
Project Number

1-X1-361

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Office of
Construction
and Facilities
Management

100%



AREA #1 – WEST PARKING LOT/EMPLOYEE ACCESS

FOR EASE OF READING, ITEMS TO BE DEMOLISHED ARE SHOWN IN BOLD ON THIS PLAN SHEET.

- ## DEMO I TION KEY NOTES

- | | | |
|----|--|------------------------------|
| 1 | SAWCUT AND REMOVE CONCRETE PAVEMENT | (NOT USED ON THIS SHEET) |
| 2 | SAWCUT AND REMOVE CONCRETE ISLAND | |
| 3 | REMOVE EXISTING SECURITY GATE ENTIRELY | |
| 4 | REMOVE EXISTING CARD HEADER ENTIRELY | |
| 5 | ELECTRICAL TRENCH | |
| 6 | REMOVE EXISTING STRIPING BY GRINDING | |
| 7 | SAVAGE EXISTING SWING GATE, RETURN TO OWNER (ALT. 1) | (SEE DETAIL 4 ON SHEET C113) |
| 8 | REMOVE EXISTING BOLLARD | |
| 9 | SAW CUT AND REMOVE EXISTING CURB | |
| 10 | REMOVE EXISTING LIGHT POLE BASE | (NOT USED ON THIS SHEET) |
| 11 | REUSE EXISTING LOT "FULL" SIGN | (NOT USED ON THIS SHEET) |
| 12 | REMOVE EXISTING LOOP SENSOR | |
| 13 | SAW CUT AND REMOVE EXISTING ASPHALT | (SEE DETAIL 14 ON C130) |
| 14 | SAW CUT AND REMOVE CONCRETE SIDEWALK | |
| 15 | REMOVE AND RELOCATE RED RIVER ROCK, SEE C120 FOR LOCATION (ALT. 1) | |
| 16 | INLET PROTECTION W/ OVERFLOW CUTOUT | |
| 17 | REMOVE EXISTING POWER CONDUIT AND WIRE FROM JUNCTION BOX TO GATE | (SEE DETAIL 9 ON C130) |

(NOT USED ON THIS SHEET)

/SEE DETAIL A ON SHEET E497)

(NOT USED ON THIS SHEET)

(NOT USED ON THIS SHEET)

(SEE DETAIL 14 ON C130)

(SEE PAGE 11)

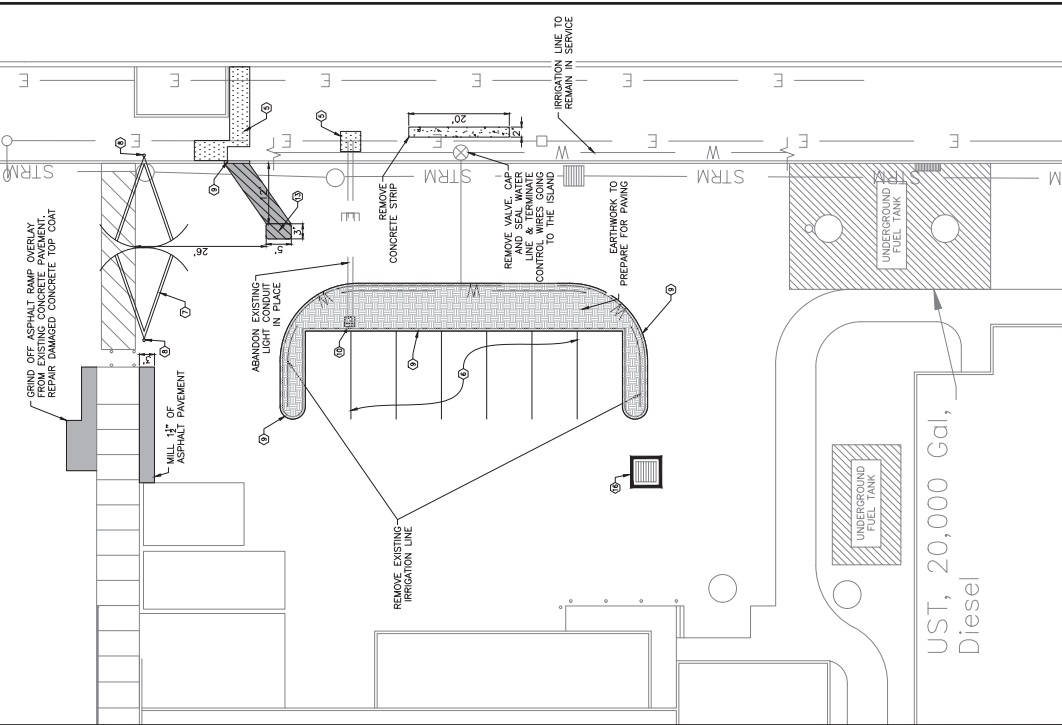
"IT'S THE LAW"

811

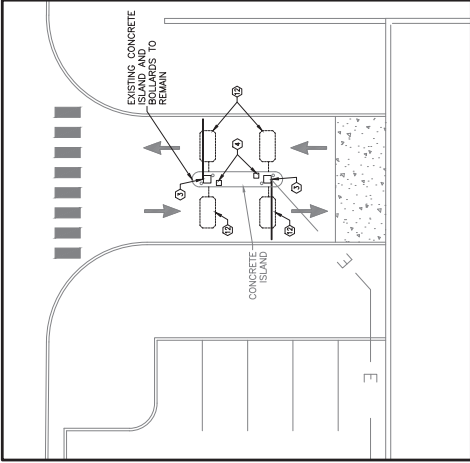
Know what's below.
Call before you dig.
3 WORKING DAYS BEFORE YOU DIG.



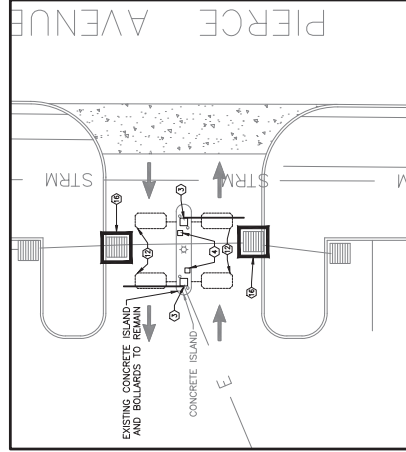
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AREA #2 – CENTRAL ALLEY PARKING LOT/EMPLOYEE ACCESS









AREA #3 - EMPLOYEE ACCESS
1" = 10'



AREA #4 - EMPLOYEE ACCESS

FOR EASE OF READING, ITEMS TO BE DEMOLISHED ARE SHOWN IN BOLD ON THIS PLAN SHEET.

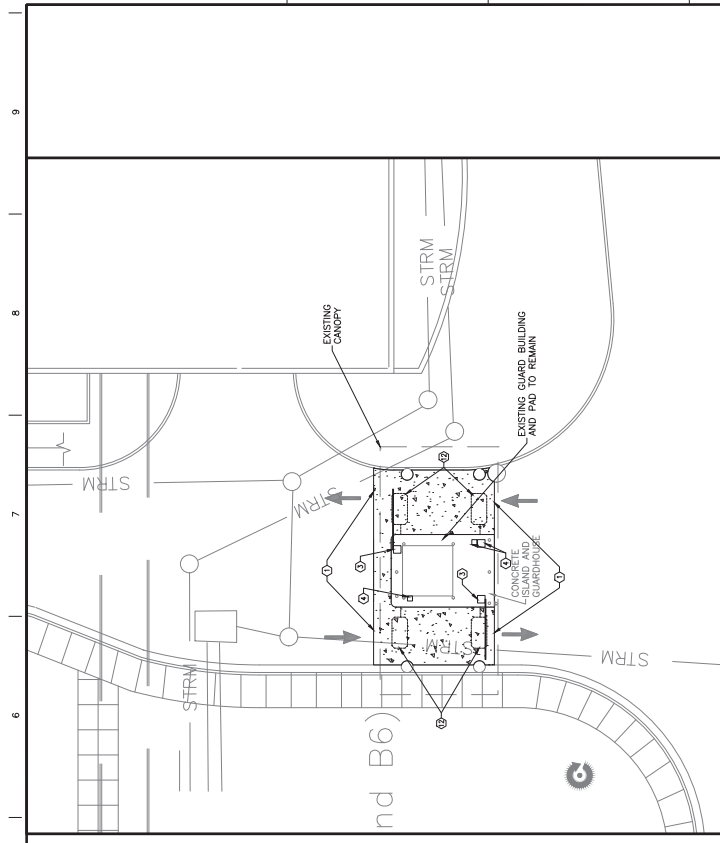
- DEMOLITION KEY NOTES

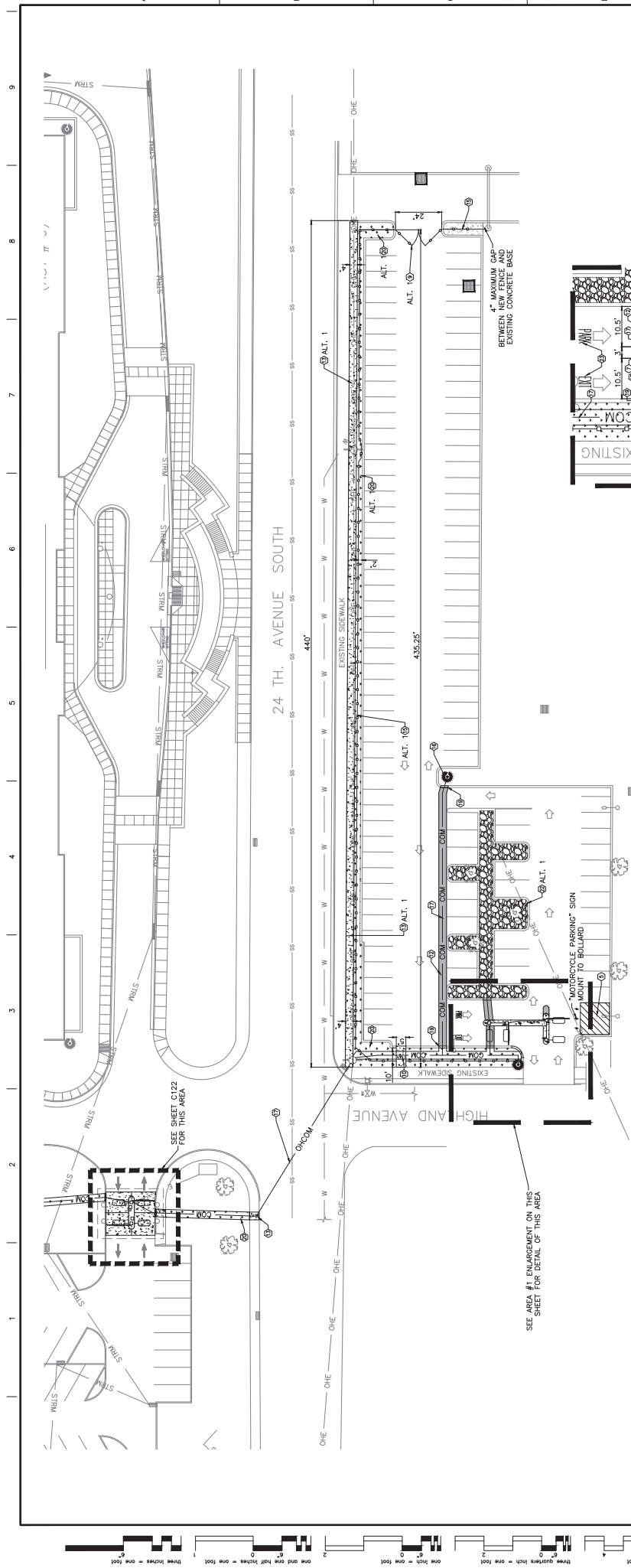
- | | | | |
|----|--|---|------------------------------|
| 1 | SMOUL OUT AND REMOVE CONCRETE PAVEMENT |  | (NOT USED ON THIS SHEET) |
| 2 | SMOUL OUT AND REMOVE CONCRETE ISLAND |  | (NOT USED ON THIS SHEET) |
| 3 | REMOVE EXISTING SECURITY GATE ENTIRELY | | |
| 4 | REMOVE EXISTING CARD READER ENTIRELY | | |
| 5 | ELECTRICAL TRENCH |  | (SEE DETAIL 4 ON SHEET E113) |
| 6 | REMOVE EXISTING STRIPING BY GRINDING | | |
| 7 | SALVAGE EXISTING SWING GATE, RETURN TO OWNER (ALT. 1) | | |
| 8 | REMOVE EXISTING BOLLARD | | |
| 9 | SMOUL OUT AND REMOVE EXISTING CURB | | |
| 10 | REMOVE EXISTING LIGHT POLE BASE | | |
| 11 | REUSE EXISTING LOT "FULL" SIGN | | |
| 12 | REMOVE EXISTING LOOP SENSOR | | (NOT USED ON THIS SHEET) |
| 13 | SMOUL OUT AND REMOVE EXISTING ASPHALT |  | (SEE DETAIL 14 ON C130) |
| 14 | SMOUL OUT AND REMOVE CONCRETE SIDEWALK |  | (NOT USED ON THIS SHEET) |
| 15 | REMOVE AND RELOCATE RED RIVER ROCK, SEE C120 FOR LOCATION (ALT. 1) |  | (NOT USED ON THIS SHEET) |
| 16 | INLET PROTECTION w/ OVERFLOW CUTOUT | | (SEE DETAIL 9 ON C130) |
| 17 | REMOVE EXISTING POWER CONDUIT AND WIRE FROM JUNCTION BOX TO GATE | | (NOT USED ON THIS SHEET) |



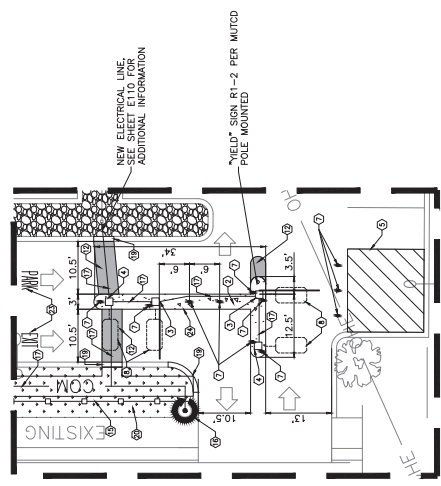
**Know what's below.
Call before you dig.**


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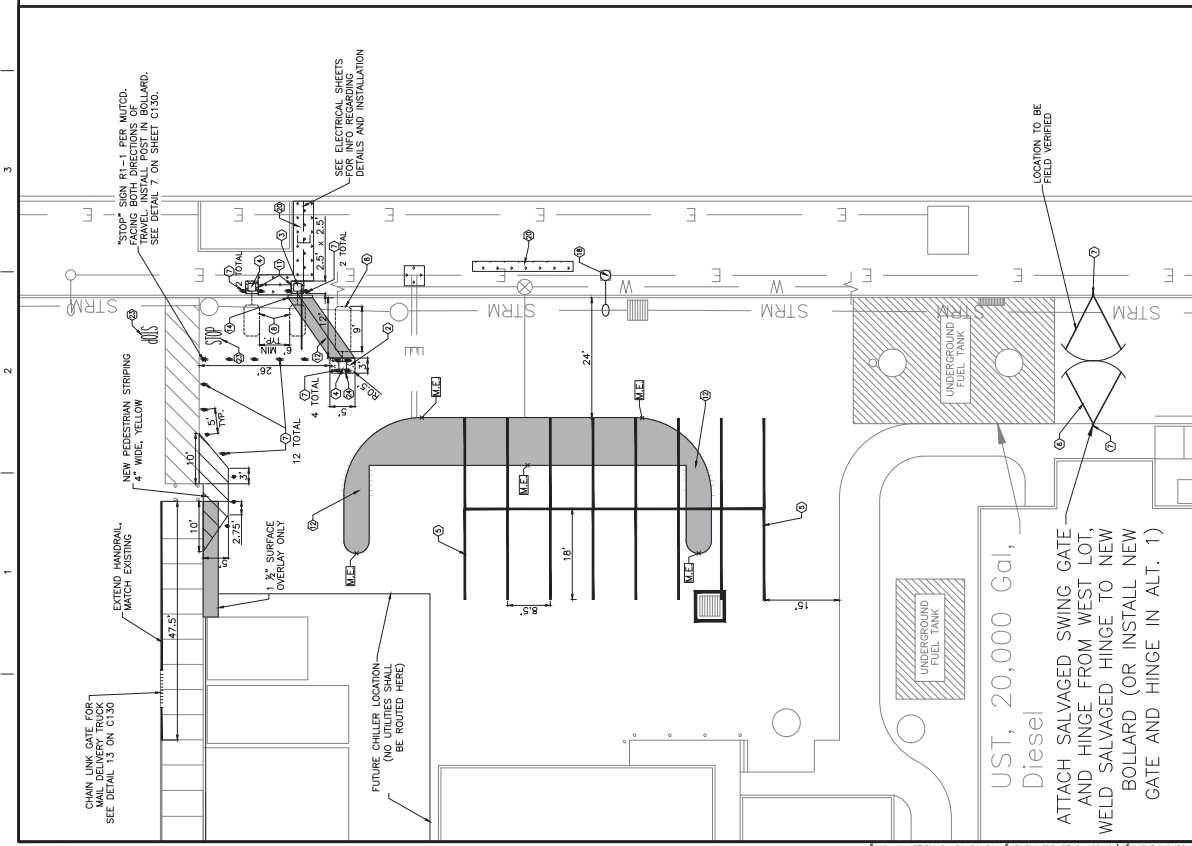


AREA #1 - WEST PARKING LOT/EMPLOYEE ACCESS

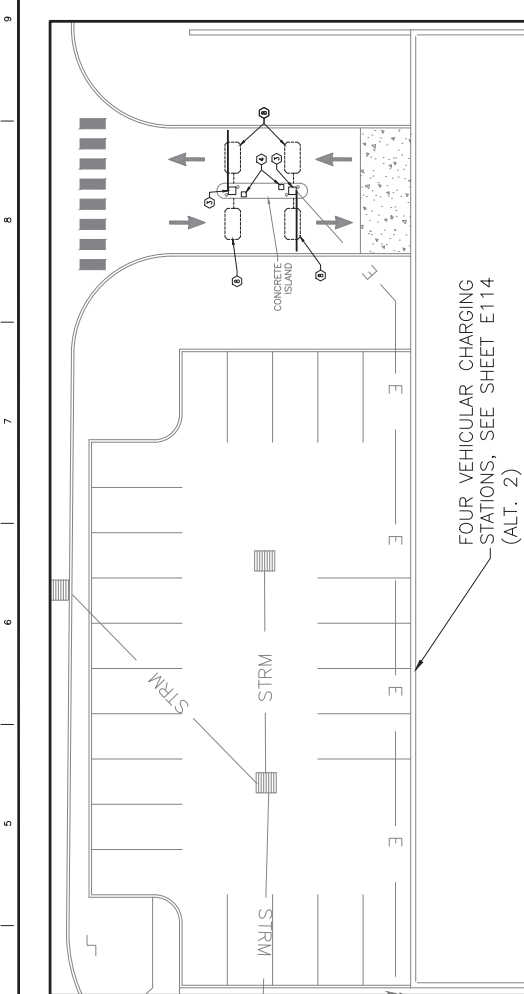


- | SITE KEY/NOTES | |
|---|-----------------------------|
| ① CONCRETE PAVEMENT | (NOT USED ON THIS SHEET) |
| ② CONCRETE ISLAND | (SEE DETAIL 10 ON C130) |
| ③ ACCESS CONTROL GATE | (SEE DETAIL 10 ON C130) |
| ④ CARD READER WITH INTERCOM | (NOT USED ON THIS SHEET) |
| ⑤ 4" WHITE PAINTED STRIPING | (SEE DETAIL 11 ON C130) |
| ⑥ 4" WHITE PAINTED STRIPING | (SEE DETAIL 11 ON C130) |
| ⑦ WEST PARKING LOT (ALT. 1) | (SEE DETAIL 18 ON C130) |
| ⑧ BOLLARD | (NOT USED ON THIS SHEET) |
| ⑨ SENIOR LOOP | (SEE DETAIL 11 ON C130) |
| ⑩ DECAPTANT, LOOKING MANUALLY OPENED DUAL SWING GATE | (SEE DETAIL 18 ON C130) |
| ⑪ RAMP SIDEWALK BETWEEN EXISTING PARKING LOT | (NOT USED ON THIS SHEET) |
| ⑫ 6" CONCRETE EQUIPMENT PAD | (SEE DETAIL 2 ON C130) |
| ⑬ FULL DEPTH ASPHALT PAVEMENT | (SEE DETAIL 1 ON C130) |
| ⑭ CONCRETE SIDEWALK | (SEE DETAIL 2 ON C130) |
| ⑮ CONCRETE STRAIGHT CURB | (NOT USED ON THIS SHEET) |
| ⑯ ALUMINUM PERIMETER FENCE (ALT. 1) | (SEE DETAIL 12 ON C130) |
| ⑰ POLE MOUNTED SECURITY CAMERA | (SEE E110 FOR MORE DETAILS) |
| ⑱ COMMUNICATIONS LINE | (SEE E110 FOR MORE DETAILS) |
| ⑲ MOUNT EXISTING VEH PROVIDED LIGHT POLE TO CAMPUS POLES | (NOT USED ON THIS SHEET) |
| ⑳ SITE PROVIDE FUTURE TO MATCH THE EXISTURES | (SEE DETAIL 6 ON C130) |
| ㉑ 6" CONCRETE STRAIGHT CURB | (NOT USED ON THIS SHEET) |
| ㉒ GRASS SEEDING | (SEE DETAIL 6 ON C130) |
| ㉓ PUSH-BUTTON FOR VICTOR'S ENTRANCE | (NOT USED ON THIS SHEET) |
| ㉔ REDISTRIBUTE GRAVEL OVER ROCK OVERLAY | (NOT USED ON THIS SHEET) |
| ㉕ ADDRESS ISLAND, ROCK TO COME FROM  | (SEE DETAIL 2 ON C130) |
| ㉖ PAINTED LETTERING, 3" X 1/4" HIGH, 4" WIDE | (SEE DETAIL 2 ON C130) |
| ㉗ EXPANSION JOINT AROUND EDGES OF ALL NEW CONCRETE | (SEE DETAIL 2 ON C130) |

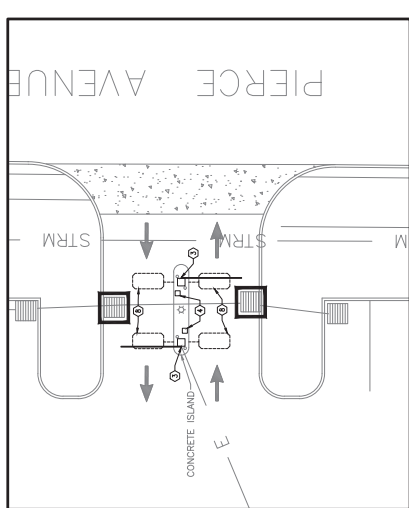
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AREA #2 — CENTRAL ALLEY PARKING LOT/EMPLOYEE ACCESS
1" = 40'



AREA #3 — EMPLOYEE ACCESS
1" = 40'



AREA #4 — EMPLOYEE ACCESS
1" = 40'

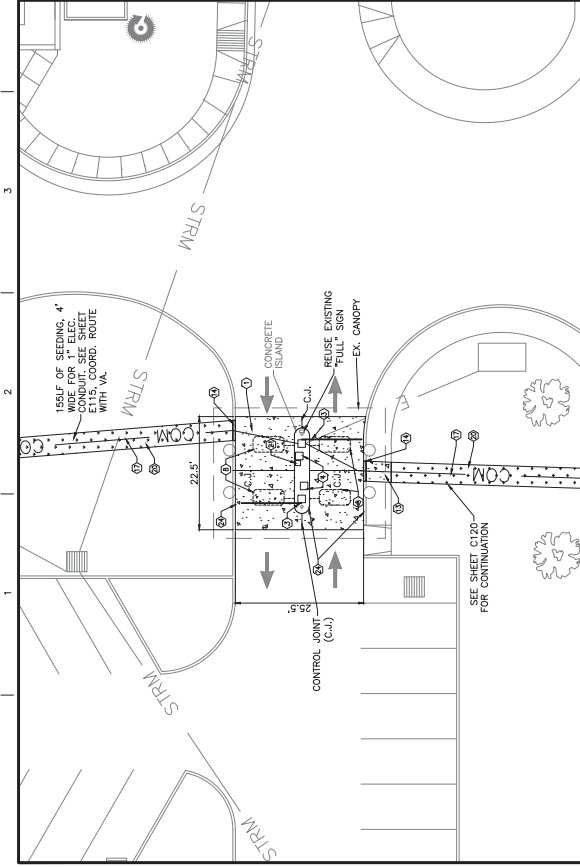
SITE KEY NOTES

- ① CONCRETE PAVEMENT (NOT USED ON THIS SHEET)
- ② CONCRETE ISLAND (SEE DETAIL 10 ON C130)
- ③ ACCESS CONTROL GATE
- ④ CARD READER WITH INTERCOM
- ⑤ 4" WHITE PAINTED STRIPING
- ⑥ SWING GATE — REUSE FROM WEST PARKING LOT (ALT. 1)
- ⑦ BOLLARD (SEE DETAIL 11 ON C130)
- ⑧ SENSOR LOOP (SEE DETAIL 8 ON C130)
- ⑨ 4\"/>

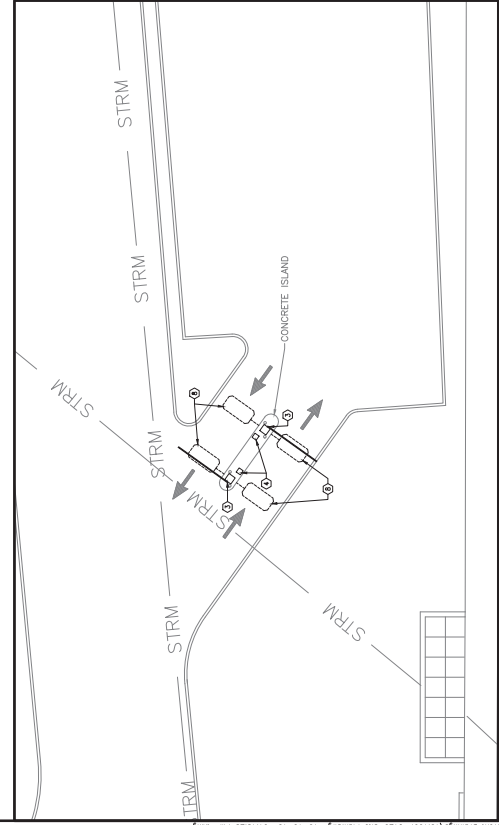


100% CONSTRUCTION BID DOCUMENTS

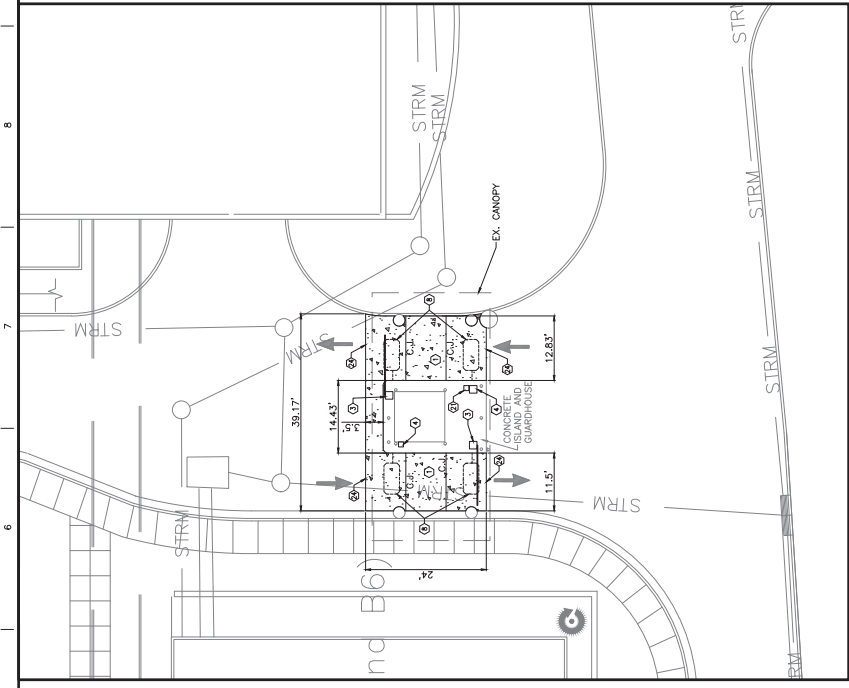
CONSULTANTS		ARCHITECT/ENGINEERS		Project Manager		Office of Construction and Facilities Management	
ECHO ENGINEERS		GUIDON DESIGN		SIT PLAN AREAS 2-4		Office of Construction and Facilities Management	
Carl Walker		10-2-2008		10-2-2008		10-2-2008	
Date		Date		Date		Date	
1		2		3		4	
5		6		7		8	
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85		86		87		88	
89		90		91		92	
93		94		95		96	
97		98		99		100	



AREA #5 - VISITOR ACCESS
1" = 10'



AREA #7 - GOVERNMENT VEHICLE LOT ACCESS
1" = 10'



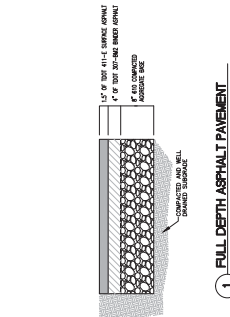
AREA #6 - VISITOR ACCESS
1" = 10'

- SITE KEY NOTES**
- ① CONCRETE PAVEMENT (SEE DETAIL 4 ON C130)
 - ② CONCRETE ISLAND (NOT USED ON THIS SHEET)
 - ③ ACCESS CONTROL GATE (NOT USED ON THIS SHEET)
 - ④ STRM (NOT USED ON THIS SHEET)
 - ⑤ SWING GATE - REUSE FROM WEST PARKING LOT (ALT. 1) (SEE DETAIL 11 ON C130)
 - ⑥ SENSING LOOP (SEE DETAIL 8 ON C130)
 - ⑦ DECORATIVE LOOKING SWING GATE, 24" WIDE, MATCH PERIMETER FENCE STYLE (ALT. 1) (NOT USED ON THIS SHEET)
 - ⑧ 6" CONCRETE EQUIPMENT PAD (NOT USED ON THIS SHEET)
 - ⑨ FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL 2 ON C130)
 - ⑩ CONCRETE SIDEWALK (SEE DETAIL 2 ON C130)
 - ⑪ CONCRETE STRAIGHT CURB (SEE DETAIL 3 ON C130)
 - ⑫ ALUMINUM PERIMETER FENCE (ALT. 1) (NOT USED ON THIS SHEET)
 - ⑬ POLE MOUNTED SECURITY CAMERA (NOT USED ON THIS SHEET)
 - ⑭ COMMUNICATIONS LINE (NOT USED ON THIS SHEET)
 - ⑮ 18" BASE EXISTING PAVEMENT STORED ON SITE PROVIDE FEATURE TO MATCH THE FEATURES (NOT USED ON THIS SHEET)
 - ⑯ CONCRETE MOUNTABLE CURB (NOT USED ON THIS SHEET)
 - ⑰ GRASS SEEDING (NOT USED ON THIS SHEET)
 - ⑱ PUSH-BUTTON BYPASS FOR VISITOR'S ENTRANCE (NOT USED ON THIS SHEET)
 - ⑲ ACCESS ISLAND - ROCK TO COME FROM (SEE DETAIL 1 ON C130)
 - ⑳ PAINTED LETTERING, 24" X 16", WHITE, 4" WIDE (SEE DETAIL 2 ON C130)
 - ㉑ NEW CONCRETE (SEE DETAIL 2 ON C130)

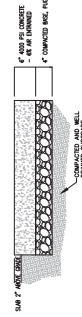
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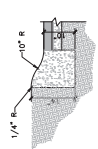
ARCHITECT/ENGINEERS 		CONSULTANTS 						100% CONSTRUCTION BID DOCUMENTS	
Project Title IMPROVE PARKING ACCESSIBILITY + CONTROLS VA TENNESSEE VALLEY HEALTHCARE SYSTEM		Project Number 15-1007		Project Location NASHVILLE, TN		Project Manager C122		Project Date 10-10-13	
Site Plan AREA 5-7		Approved Project Engineer		Drawn CMB		Checked SLP		Date 8 of 15	
Office of Construction and Facilities Management		Office of Construction and Facilities Management		Office of Construction and Facilities Management		Office of Construction and Facilities Management		Office of Construction and Facilities Management	



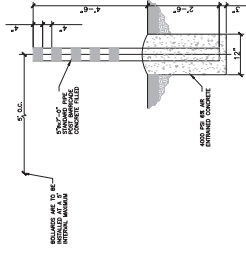
1 FULL DEPTH ASPHALT PAVEMENT



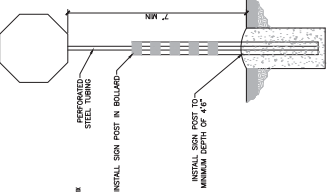
2 CONCRETE EQUIPMENT PAD



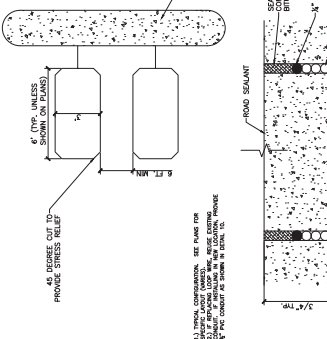
3 MOUNTABLE CONCRETE CURB



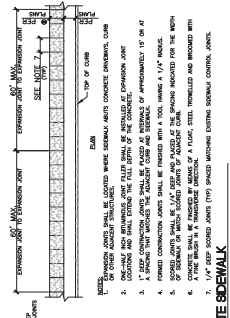
4 CONCRETE POST BARRICADES



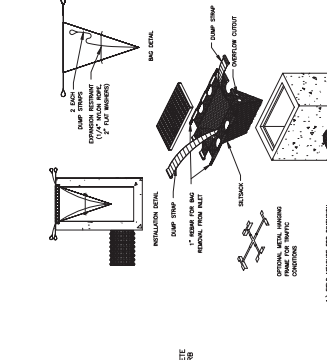
5 TRAFFIC SIGN INSTALLED IN BOLLARD



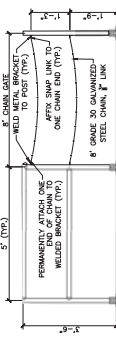
6 CONCRETE SIDEWALK



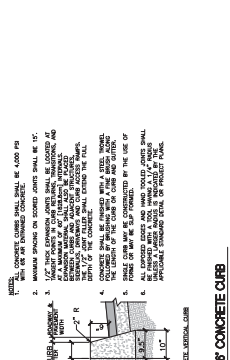
7 INLET PROTECTION W/ OVERFLOW CUTOUT



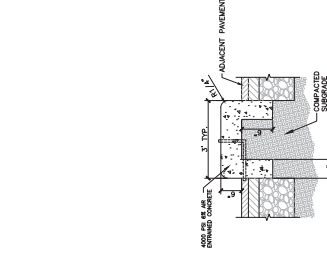
8 HANDRAIL AND GATE DETAIL



9 ALUMINUM PERIMETER FENCE

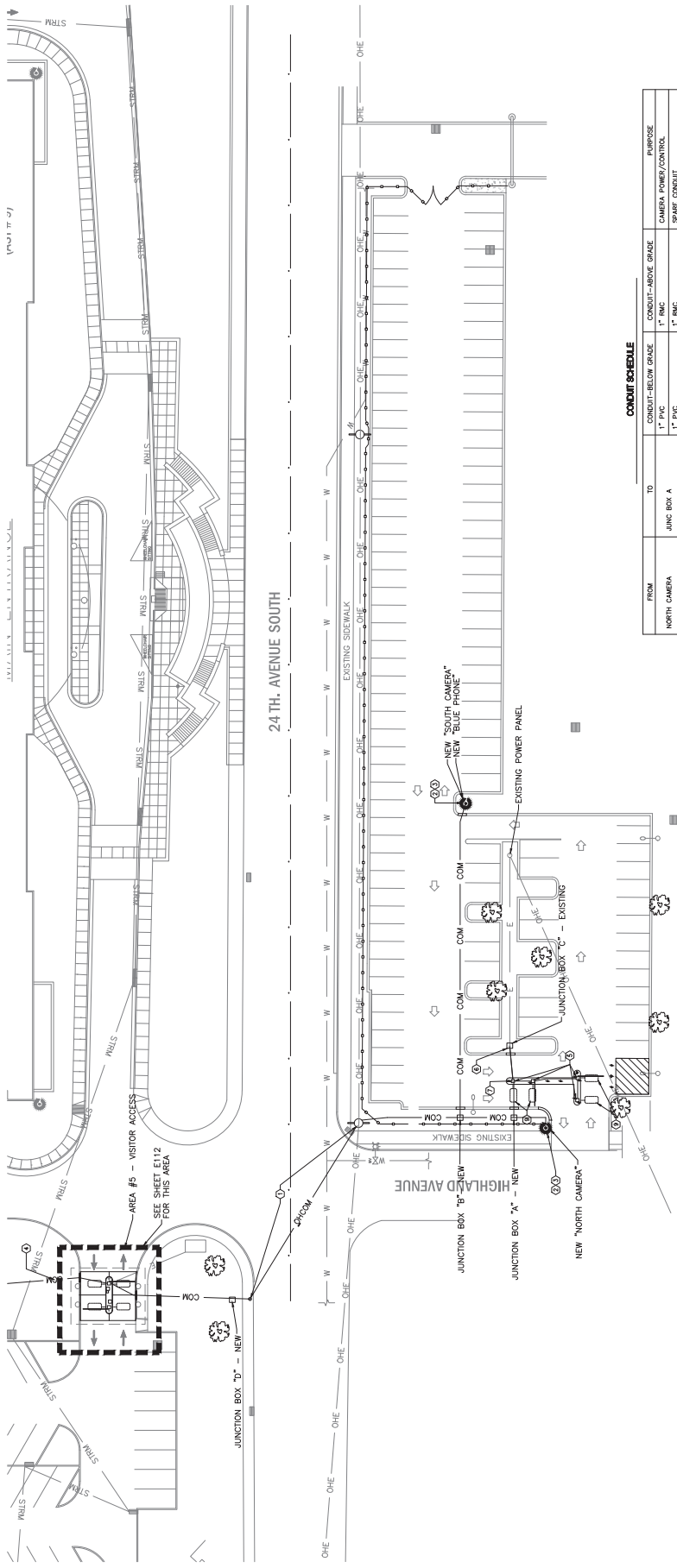


10 CONCRETE CURB



11 CONCRETE ISLAND

100% CONSTRUCTION BID DOCUMENTS									
ARCHITECT/ENGINEERS					CONSULTANTS				
GUIDON DESIGN					ECHO ENGINEERS				
CARL WALKER					ECHO ENGINEERS				
OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT					OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT				
PROJECT NAME: IMPROVE PARKING ACCESSIBILITY + CONTROLS VA TENNESSEE VALLEY HEALTHCARE SYSTEM					PROJECT NUMBER: 15-1007				
DRAWING NUMBER: C-130					DATE: 10-10-13				
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APPROVED: CMB					DATE: 10-10-13				
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- ELECTRICAL KEY NOTES**
- SECTION OF NEW CABLES BETWEEN KEYNOTE ARROWS TO BE CONNECTED OVER THE A/E SOUTH BY UTILIZING EXISTING CABLES AND SUPPORTED FROM 1\"/>
 - EXISTING 120V CIRCUIT IS ROUTED TO GATE VIA JUNCTION BOX 'D' AND 'E' TO THE GATE.
 - PROVIDE A GROUND ROD AND CONNECT THE GATE PEDESTALS TO THE GATE.
 - 120V CIRCUIT IS ROUTED TO GATE VIA JUNCTION BOX 'D' AND 'E' TO THE GATE.
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 - 120V CIRCUIT IS ROUTED TO GATE VIA JUNCTION BOX 'D' AND 'E' TO THE GATE.

CABLE SCHEDULE		
FROM	TO	PURPOSE
NORTH CAMERA	CAMPUS POLICE	1 EACH, 4 PAIR CABLE (CAMERA CONTROL)
GATE CONTROL PEDESTAL	GATE CONTROL PEDESTAL	1 EACH, 4 PAIR CABLE (CAMERA POWER)
SOUTH CAMERA	CAMPUS POLICE	1 EACH, 4 PAIR CABLE (CAMERA CONTROL)
GATE CONTROL PEDESTAL	GATE CONTROL PEDESTAL	1 EACH, 4 PAIR CABLE (CAMERA POWER)
GATE CONTROL PEDESTAL	GATE CONTROL PEDESTAL	1 EACH, 4 PAIR CABLE (CAMERA POWER)
EXISTING POWER PANEL	GATE CONTROL	3 EACH, #12 AWG, CU THIN FOR 120V, 1 PHASE CIRCUIT

CONDUIT SCHEDULE		
FROM	TO	PURPOSE
NORTH CAMERA	JUNC BOX A	1\"/>
JUNC BOX A	GATE CONTROL - MAIN PEDESTAL	1\"/>
JUNC BOX A	JUNC BOX B	1\"/>
JUNC BOX B	SOUTH CAMERA / BLUE PHONE	1\"/>
JUNC BOX B	JUNC BOX D	1\"/>
JUNC BOX D	JUNC/PULL BOX ON SHEET E115	1\"/>
JUNC BOX C	GATE CONTROL	3\"/>

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1-800-4-A- Dig

0' 20' 40'

Z

100% CONSTRUCTION BID DOCUMENTS

Project No. IMPROVE PARKING ACCESSIBILITY + CONTROLS VA TENNESSEE VALLEY HEALTHCARE SYSTEM	Project Name IMPROVE PARKING ACCESSIBILITY + CONTROLS VA TENNESSEE VALLEY HEALTHCARE SYSTEM
Client VAHHS	Location NASHVILLE, TN
Design No. E110	Drawn TMC
Check 10-2-2008	Scale 1" = 20'

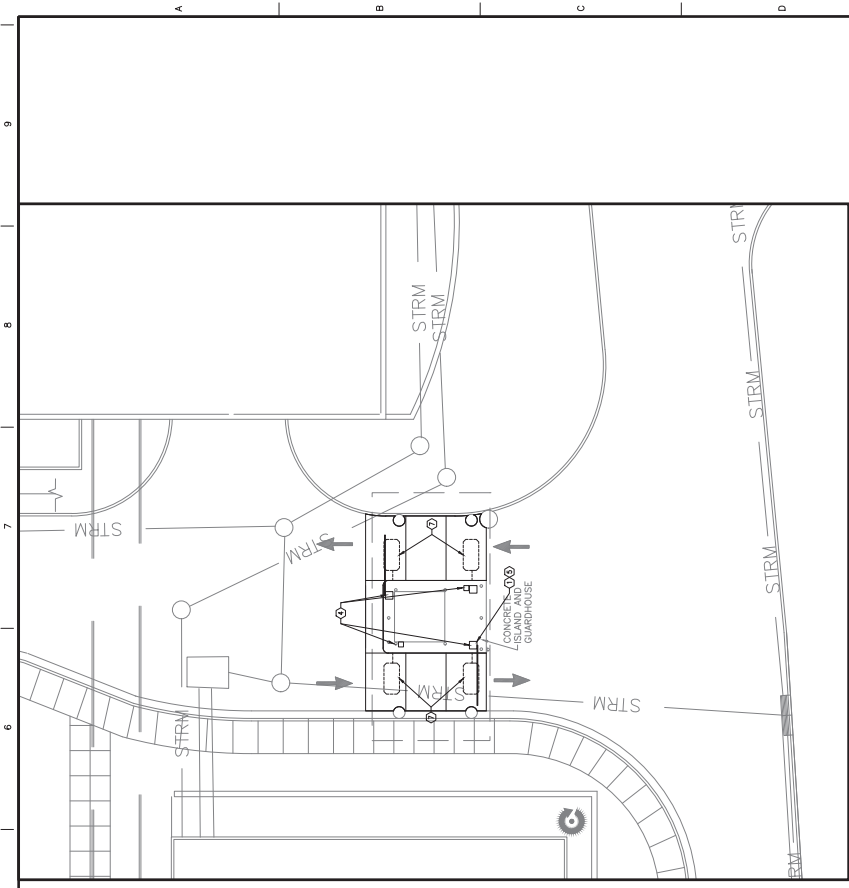
ARCHITECT/ENGINEERS
GUIDON DESIGN

CONSULTANTS
ECHO
POWER ENGINEERS

Carl Walker
DESIGN

Office of Construction and Facilities Management

VA FORM 08-4231



AREA #6 — VISITOR ACCESS
1" = 10'

ELECTRICAL KEY NOTES

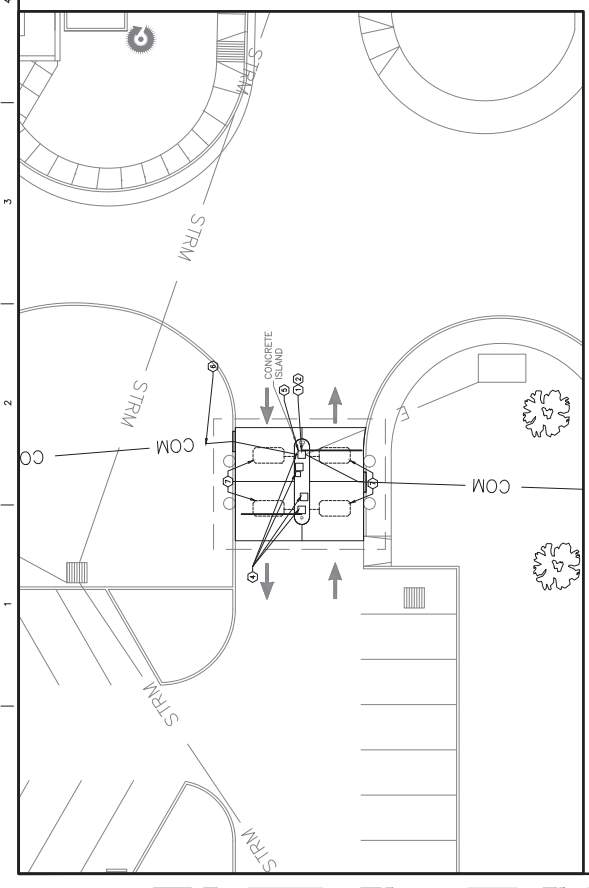
1. REUSE 120V POWER
2. REUSE "LOT FULL" SIGN
3. CONDUIT SHALL BE INSTALLED VIA THE AREA #6 GATE THROUGH EXISTING CONDUIT
4. LOOP CABLE AND/OR CONDUIT BETWEEN GATE PEDESTALS AS SHOWN. MINIMUM CONDUIT SIZE ALLOWED IS 1" WHERE CONDUIT IS NOT BEING PROTECTED. USE EXISTING GATE PEDESTAL FOR CONDUIT ENTRY AND EXIT. CONDUIT SHALL BE INSTALLED USING ASSAULT RESISTANT AND CONDUIT THE GATE DETAIL #2 ON SHEET E113.
5. REUSE EXISTING LIGHTING POLE AND CONDUIT THE GATE DETAIL #2 ON SHEET E113.
6. DETAIL #2 ON SHEET E113.
7. E113 WILL ACCOMMODATE CONDUIT AND CABLE SHOWN IN THE SCHEDULES ON BOTH THIS PAGE AND E110.
8. AND VA STANDARDS

CABLE AND CONDUIT SCHEDULE

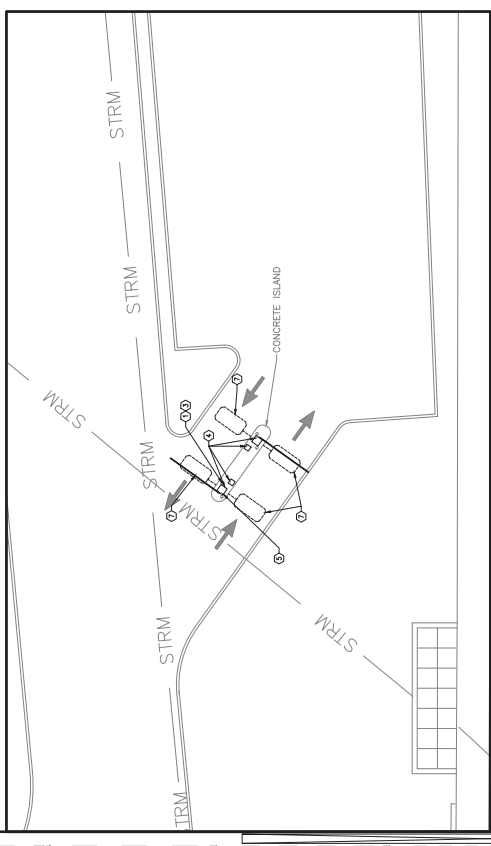
FROM	TO	CONDUIT—BELOW GRADE	CONDUIT—ABOVE GRADE	CABLE
AREA #5 GATE	BASEMENT ELEC/COMM RM	1" PVC (EXISTING)	1" MC	1 EACH, 4 PAIR CABLE(ENTER/COM/SPARE), TIER OPTIC(ODDING)
AREA #6 GATE	BASEMENT ELEC/COMM RM	1" PVC (EXISTING)	1" MC	1 EACH, 4 PAIR CABLE(ENTER/COM/SPARE), TIER OPTIC(ODDING)
AREA #7 GATE	BASEMENT ELEC/COMM RM	1" PVC (EXISTING)	1" MC	1 EACH, 4 PAIR CABLE(ENTER/COM/SPARE), TIER OPTIC(ODDING)

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AREA #5 — VISITOR ACCESS
1" = 10'



AREA #7 — GOVERNMENT VEHICLE LOT ACCESS
1" = 10'

ARCHITECT/ENGINEERS GUIDON DESIGN		CONSULTANTS ECHO POWER ENGINEERS				100% CONSTRUCTION BID DOCUMENTS	
PROJECT INFO IMPROVE PARKING ACCESSIBILITY + CONTROLS VIA TENNESSEE VALLEY HEALTHCARE SYSTEM		DRAWING INFO ELECTRICAL PLAN AREAS 5-7		PROJECT NUMBER 10-P-2008		DATE 10-2-2008	
APPROVED PROJECT OWNER		DESIGNED BY AMSHVILLE, TN		CHECKED BY SDC		DATE 10-2-2008	
OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT		DRAWING NUMBER E112		DATE 10-2-2008		SCALE 1/4" = 1"	



8413 N. 7th St.

NOTES:

1. CONTRACTOR TO RE-USE EXISTING CONDUIT RACKS WHERE AVAILABLE.
2. ALL NEW CONDUIT RACKS SHALL MATCH EXISTING CONDUIT RACKS AS SHOWN ABOVE.

SCALES: 1499



9CA15 WT8

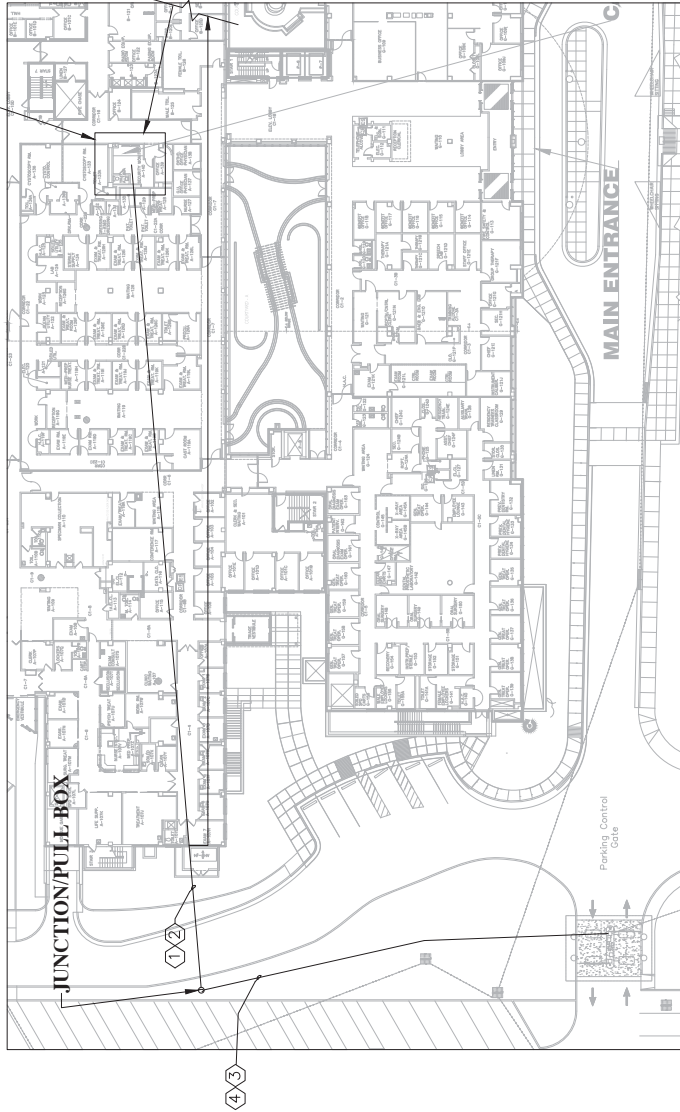


GRAB 1/8" = 1'-0"



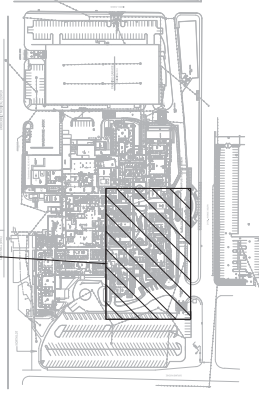
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VA FORM 08-6231



CABLE AND CONDUIT SCHEDULE				
FROM	TO	CONDUIT/RELEV. GRADE	CONDUIT AND/VE GRADE	CABLE
AREA 4B GATE	CARAGE BASINMENT ELECTROCOMM (SEE E113) (SEE KEY NOTE 3)	N/A	N/A	1 EACH 4 PAIR CABLE (INTERCOM), 1 FIBER OPTIC (BADGING)
CARAGE BASINMENT	POLICE ROOM	N/A	1" MC NEW TO GUTTER THEN USE DMS TING	2 EACH 4 PAIR CABLE (INTERCOM), 1 EACH FIBER OPTIC (BADGING)

CABLE AND CONDUIT SCHEDULE







SCALE N.T.S.

"IT'S THE LAW"

811

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2 WORKING DAYS BEFORE YOU DIG



CONSULTANTS		 				ARCHITECT/ENGINEERS:				Drawing No. ELECTRICAL SITE PLAN Project Name WYTHE PARKING ACCESSIBILITY + CONTROLS IN TENNESSEE VALLEY RECREATION CENTER Approved Project Director _____		Project Title 100% CONSTRUCTION BID DOCUMENTS Project Number 009-19-202 Drawing Number E115 Date 10-2-2018 Location NASHVILLE, TN Checked SDC Drawn TLS Day 10 of 15		Office of Construction and Facilities Management 	
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