



FLEET MANAGMENET GENETEC ACCESS CONTROL SYSTEM

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FLEET MANAGMENET
1301 DAVINCI STREET
NORMAN, OK 73071

No.	Date	Revision	Drawn by:	ZP	Date:	11/13/15
			Designed by:	JB	Scale:	NO SCALE
			Checked by:	ZP	Project No.:	4353
			Engineered by:	JB		
SHEET 1 OF 1						

Drawing Title
CITY OF NORMAN
GENETEC ACCESS CONTROL SYSTEM
FLEET COVER SHEET



620 W. California Avenue
Oklahoma City, Oklahoma
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Drawing No: TY000

SECURITY SYMBOLS

-  PEDESTAL MOUNTED CARD READER
-  CARD READER WITH PIN
-  MOTION SENSOR - REQUEST TO EXIT
-  PREMISE CONTROL UNIT
-  ELECTRIC STRIKE
-  HSS (HIGH SECURITY SWITCH)
-  HANDHOLE
-  FIXED CAMERA (BID ALTERNATE, NIC)

ABBREVIATIONS LIST

ABO	ALTERNATIVE BID OPTIONS	ETR	EXISTING TO REMAIN	PCU	PREMISE CONTROL UNIT
ACS	ACCESS CONTROL SYSTEM	ETBR	EXISTING TO BE REMOVED	PET	PROTECTED ENTRANCE TERMINAL
AFF	ABOVE FINISHED FLOOR	FMT	FLEXIBLE METALLIC TUBING	PON	PASSIVE OPTICAL NETWORK
AWG	AMERICAN WIRE GAUGE	FOC	FIBER OPTIC CABLE	PR	PAIR
BCC	BACKBONE COPPER CABLE	GFGI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED	PT	POINT
BKBD	BACKBOARD	GFCI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED	PTZ	PAN, TILT, ZOOM
BSMT	BASEMENT	GICF	GOVERNMENT INSTALLED CONTRACTOR FURNISHED	PVC	POLY VINYL CHLORIDE
CAT 6 SH	4-PAIR, CATEGORY 6 UTP SHIELDED CABLE	GND	GROUND	RGS	RIGID GALVANIZED STEEL CONDUIT
CATV	COMMUNITY ANTENNA TELEVISION	HH	HAND HOLE	RM	ROOM
CD	CABLE DUCT	HSS	HIGH SECURITY SWITCH	RMC	RIGID METAL CONDUIT
CER	COMMUNICATIONS EQUIPMENT ROOM	IAW	IN ACCORDANCE WITH	RU	RACK UNIT
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	IC	INTERMEDIATE CROSS-CONNECT	SCTP	SCREENED TWISTED PAIR
CLST	CLOSET	IDC	INSULATION DISPLACEMENT CONNECTOR	SHT	SHEET
CMH	COMMUNICATIONS MAINTENANCE HOLE	IDF	INTERMEDIATE DISTRIBUTION FRAME	SM	SINGLEMODE FIBER
COMM	COMMUNICATIONS	IDS	INTRUSION DETECTION SYSTEM	STP	SHIELDED TWISTED PAIR
CT	CABLE TRAY	IMC	INTERMEDIATE METAL CONDUIT	TBL	TABLE
DEMO	DEMOLITION	LAN	LOCAL AREA NETWORK	TGB	TELECOM GROUNDING BUS BAR
DIST	DISTRIBUTION	Lg.	LONG OR LENGTH	TR	TELECOM MAIN GROUNDING BUS BAR
Dp.	DEEP OR DEPTH	MAX	MAXIMUM	TV	TELEVISION ROOM
EES	EARTH ELECTRODE SYSTEM	MH	MAINTENANCE HOLE	TYP	TYPICAL
EF	ENTRANCE FACILITY	MIN	MINIMUM	UL	UNDERWRITERS LABORATORY
EMT	ELECTRICAL METALLIC TUBING	MM	MULTIMODE FIBER	U.N.O.	UNLESS NOTED OTHERWISE
ENL	EXISTING NEW LOCATION	MNS	MASS NOTIFICATION SYSTEM	UTP	UNSHIELDED TWISTED PAIR
ESS	ELECTRONIC SECURITY SYSTEM	MSB	MAIN SERVICE BUS	VMS	VIDEO MANAGEMENT SYSTEM
ETM	EXISTING TO MOVE	MTD	MOUNTED	VSS	VIDEO SURVEILLANCE SYSTEM
		NEC	NATIONAL ELECTRICAL CODE	W/	WITH
		NIC	NOT IN CONTRACT	Wd.	WIDE OR WIDTH
		OSP	OUTSIDE PLANT		

SECURITY SYSTEM - GENERAL NOTES

1. ALL CONDUITS SHALL BE IMC. PROVIDE PULL STRING IN ALL EMPTY CONDUIT RUNS. PULL STRING SHALL BE RATED FOR 200 lbs. IN ALL CONDUITS.
2. PROVIDE PULL BOXES NO MORE THAN 100' APART AND PER EVERY 180 DEGREES OF BEND IN CONDUIT RUNS.
3. COORDINATE LOCATION OF ALL SECURITY DEVICES WITH PLANS AND ELEVATIONS.
4. NO CONDULETS OR FITTINGS SHALL BE USED. NO SCREW CONNECTORS OR COUPLERS ALLOWED.
5. PROVIDE BLANK COVER PLATE FOR ALL UNUSED JUNCTION BOX LOCATIONS.
6. ALL SLEEVES AND PENETRATIONS SHALL BE ACOUSTICALLY AND FIRE TREATED TO MEET WALL RATING.
7. ALL PULLBOX COVERS SHALL BE SECURED WITH TAMPER PROOF SCREWS.
8. ALL CONDUIT CONNECTORS AND COUPLERS SHALL BE COMPRESSION TYPE STEEL, NOT CAST METAL.
9. BOXES THAT WILL BE SURFACE MOUNTED SHALL NOT HAVE KNOCKOUTS. ONLY THE NEEDED PENETRATIONS SHALL BE ALLOWED.

No.	Date	Revision

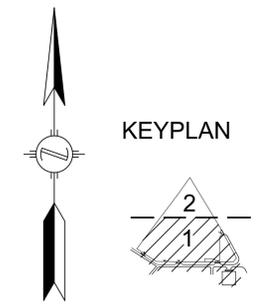
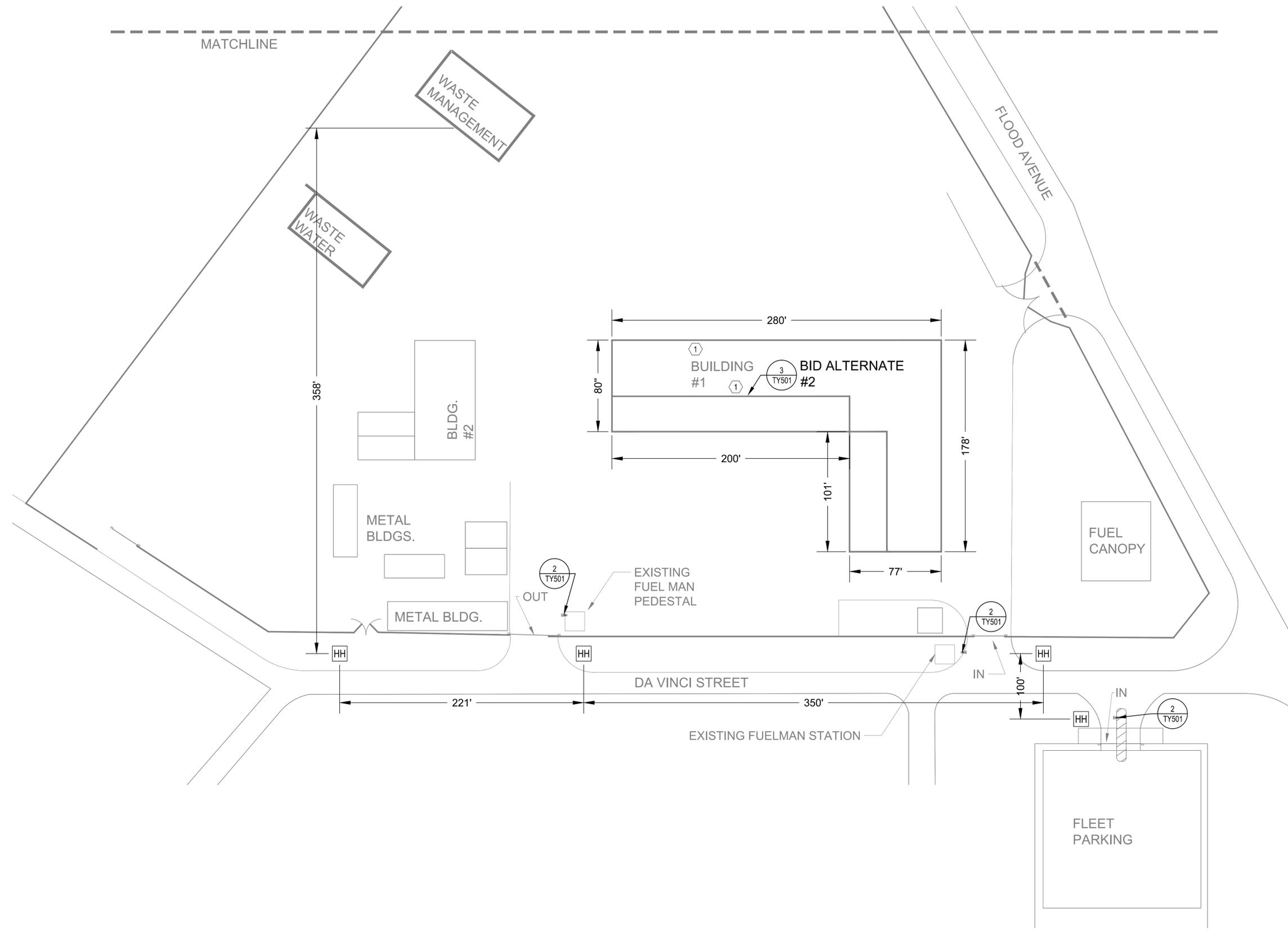
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Designed by:	JB	Scale:	NO SCALE
Checked by:	ZP	Project No.:	4353
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Drawing Title
CITY OF NORMAN
GENETEC ACCESS CONTROL SYSTEM
FLEET GENERAL NOTES, ABBREVIATIONS, LEGEND



620 W. California Avenue
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 Drawing No: TY001

KEYED NOTES (THIS SHEET ONLY):
 ① DVR'S LOCATED IN LINE MAINTENANCE IT ROOM AND FLEET MANAGERS OFFICE, BID ALTERNATE #3. ENCODE ALL VIDEO TO EXISTING GENETEC VMS.



No.	Date	Revision	Drawn by:	ZP	Date:	11/13/15	Drawing Title
			Designed by:	JB	Scale:	1" = 40'-0"	CITY OF NORMAN GENETEC ACCESS CONTROL SYSTEM FLEET SITE PLAN - SECTOR 1
			Checked by:	ZP	Project No.:	4353	
			Engineered by:	JB			
SHEET 1 OF 1							

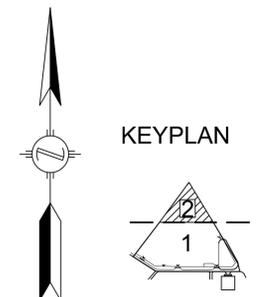
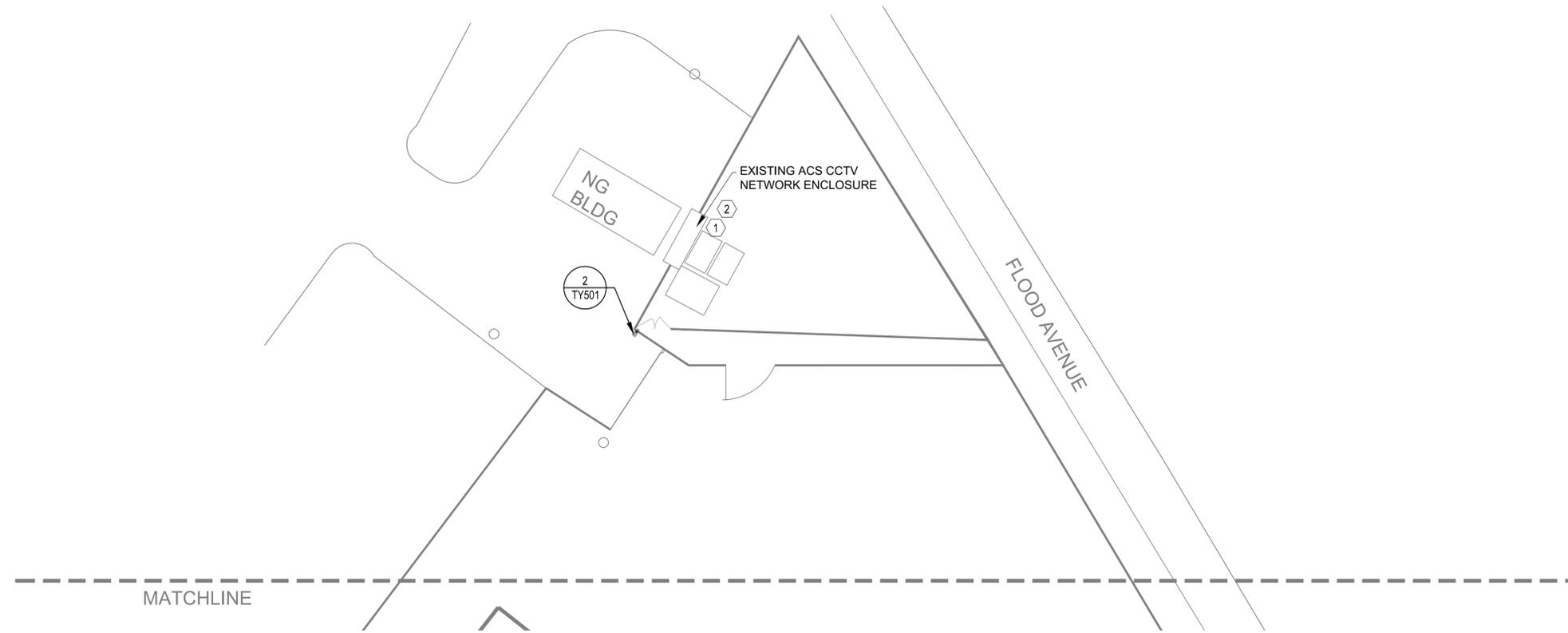
CITY OF NORMAN
 GENETEC ACCESS CONTROL SYSTEM
 FLEET SITE PLAN - SECTOR 1



620 W. California Avenue
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KEYED NOTES (THIS SHEET ONLY):

- ① EXISTING HOFFMAN ENCLOSURE HAS CNG CAMERAS AND CAMERA POWER. THE ENCLOSURE ALSO HAS FIBER TO WASTE MANAGEMENT BUILDING.
- ② EXISTING HOFFMAN HAS DVR FOR CCTV CAMERAS (BID ALTERNATE #3). ENCODE ALL EXISTING CAMERAS TO EXISTING GENETEC VMS.

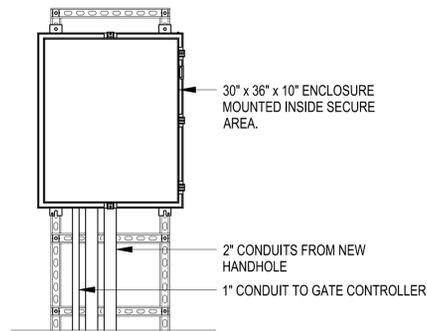


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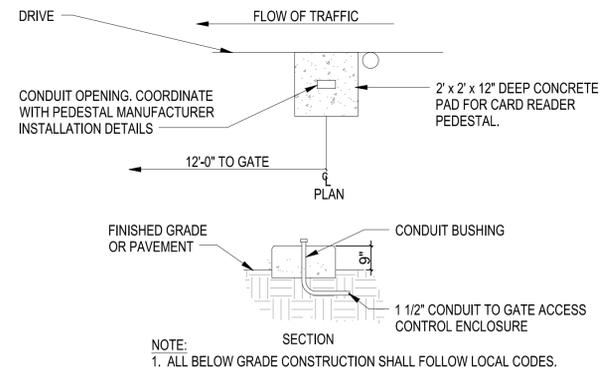
Drawing Title
**CITY OF NORMAN
 GENETEC ACCESS CONTROL SYSTEM
 FLEET SITE PLAN - SECTOR 2**



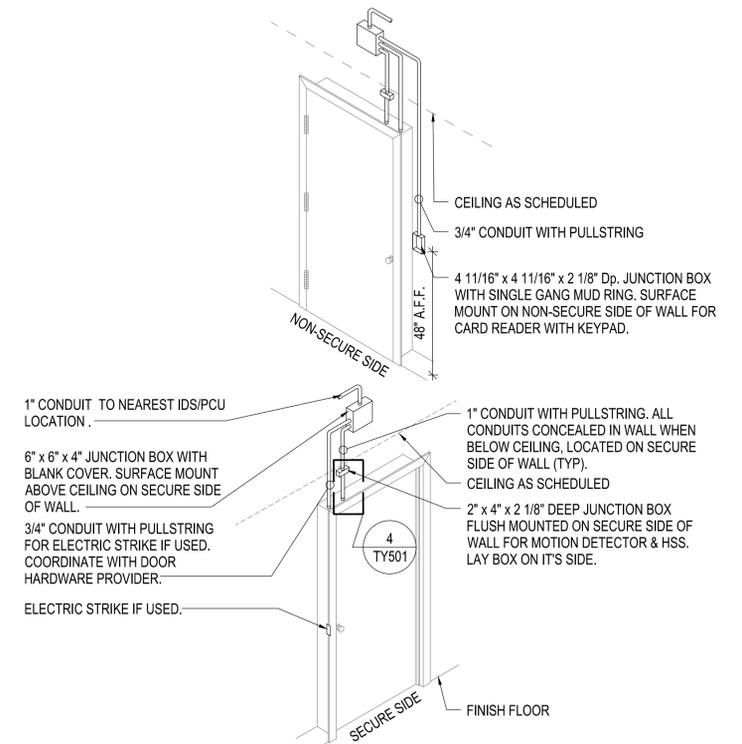
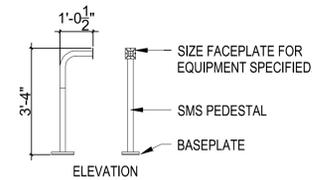
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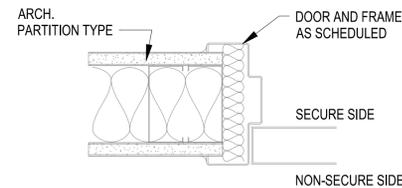
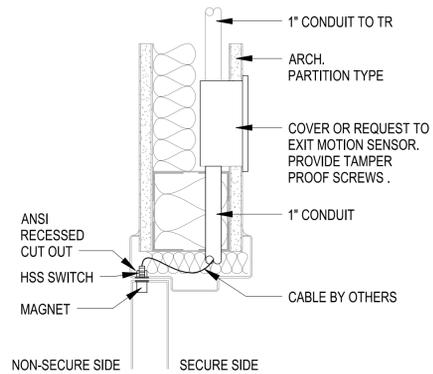
1 EXTERIOR HOFFMAN ENCLOSURE
TY501 SCALE: NOT TO SCALE



2 EXTERIOR CARD READER PEDESTAL
TY501 SCALE: NOT TO SCALE



3 ACCESS CONTROL DOOR
(BID ALTERNATE #2)
TY501 SCALE: NOT TO SCALE



TYPICAL GWB HEAD DETAIL

TYPICAL GWB JAMB DETAIL

TYPICAL HSS ROUGH-IN DETAIL
(BID ALTERNATE #2)

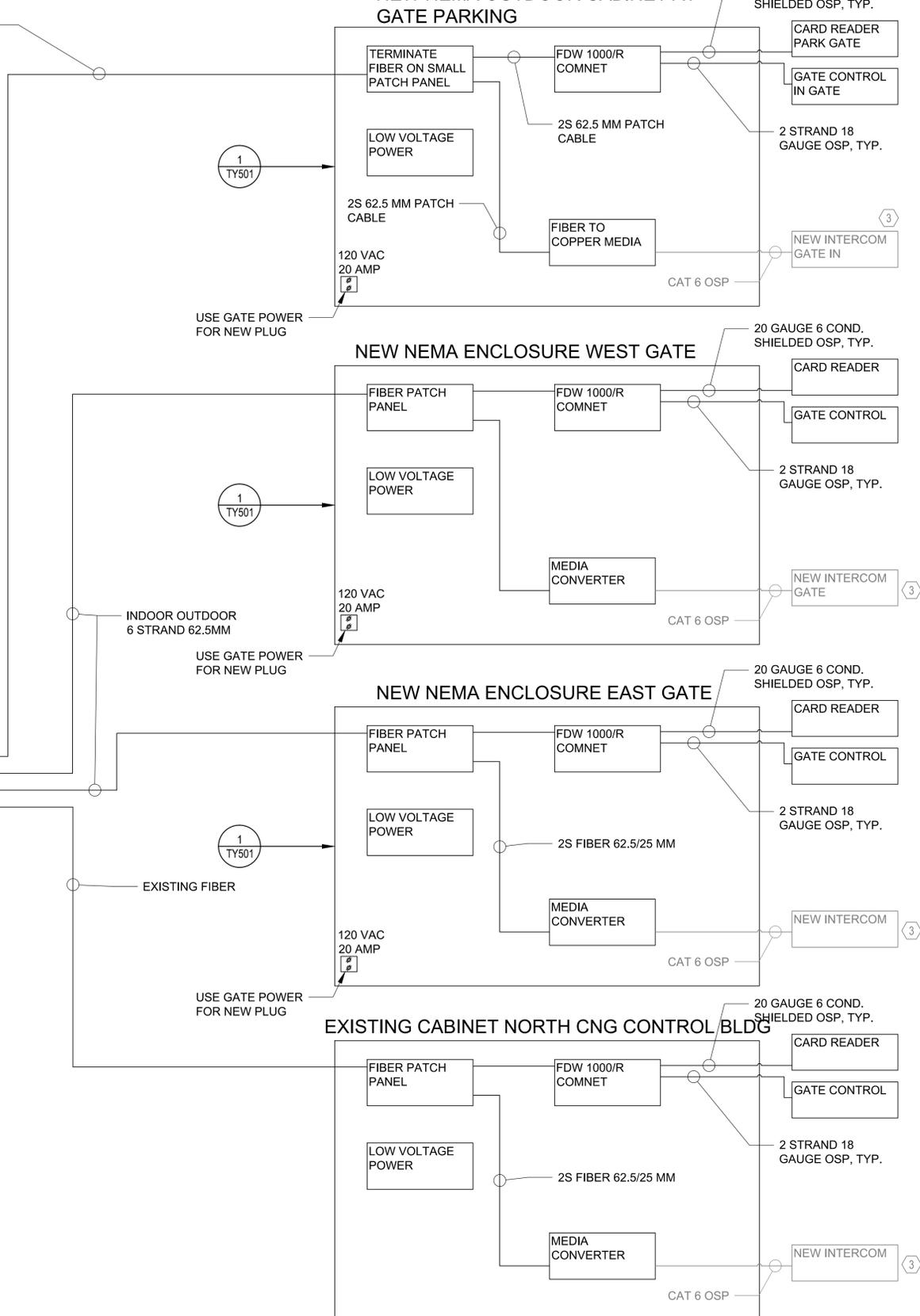
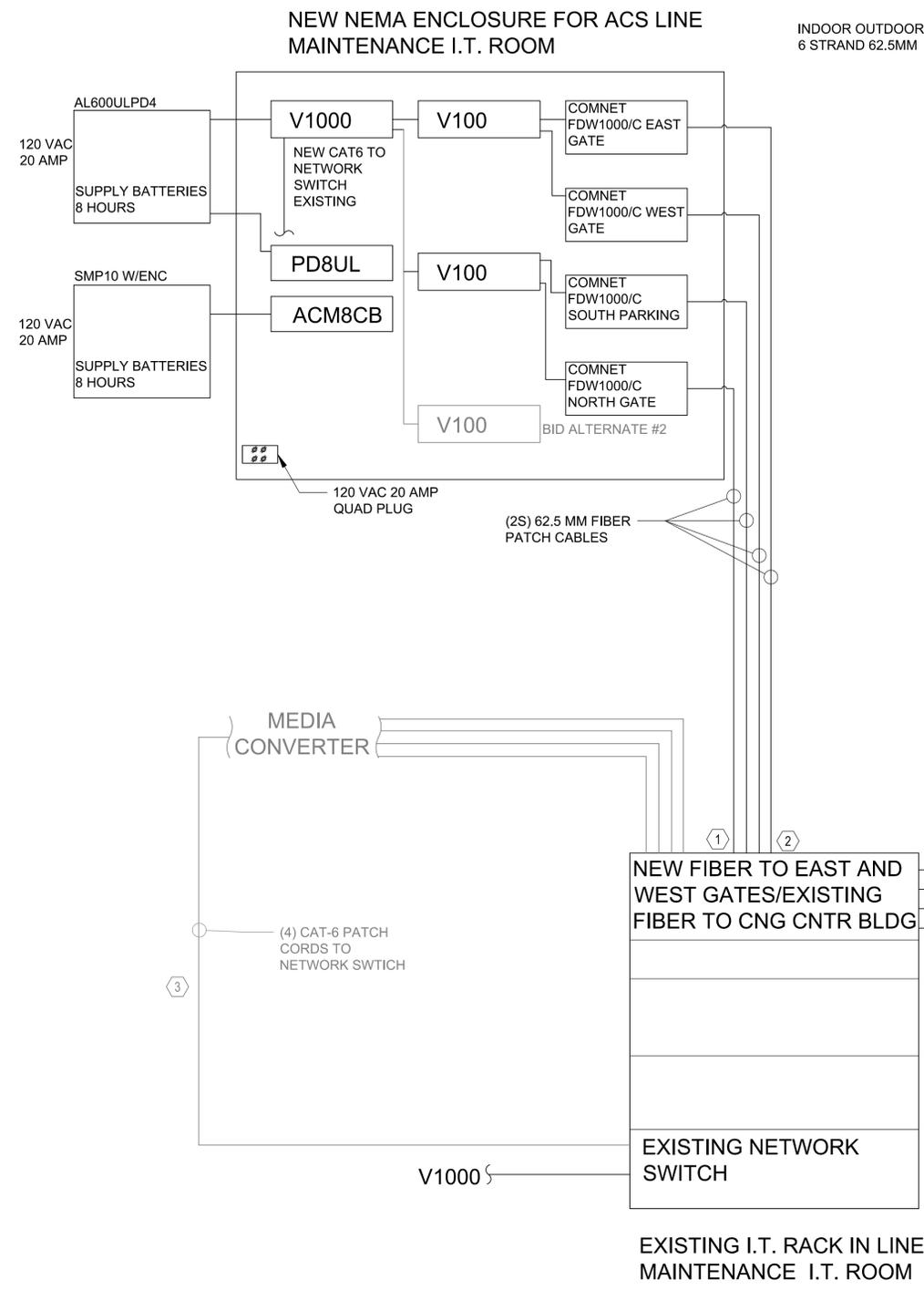
4 TY501 SCALE: NOT TO SCALE

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CITY OF NORMAN
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FLEET SECURITY DETAILS



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- GENERAL NOTES (THIS SHEET ONLY):**
1. ALL AC FOR PANEL IN I.T. ROOM WILL BE ON GENERATOR/UPS.
 2. STEP DOWN GATE POWER TO SUPPLY 120 VAC 20 AMP POWER TO NEW CABINETS. ADD TO GENERATOR IF PRACTICAL.
 3. INTERCOMS ARE BID ALTERNATE #1.
 4. SINGLE DOOR IS BID ALTERNATE #2.
 5. MOVE ALL EXISTING CAMERAS CONNECTED TO 3 DVR'S TO EXISTING GENETEC VMS. ENCODE ALL VIDEO (BID ALTERNATE #3)

- KEYED NOTES (THIS SHEET ONLY):**
- ① USE EXISTING FIBER SHELF OR ADD NEW 1U SHELF FOR NEW GATE FIBER.
 - ② USE EXISTING FIBER TO NORTH CNG GATE THROUGH WASTE MANAGEMENT BLDG.
 - ③ ALTERNATE BID #1
CISCO VOIP CUCM 9.1
PART # 01118L
SHROUD 011188

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CITY OF NORMAN
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FLEET SINGLE LINE DIAGRAM



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