

CCTV System

Site Survey Worksheet

Furnished by NTS/NBFAA, version 1/07

1 Prepared for:

| | |
|---------------------|---------------|
| Name _____ | Date _____ |
| Address _____ | Contact _____ |
| City _____ | Phone _____ |
| Site Location _____ | Contact _____ |
| City _____ | Phone _____ |

2 System Objectives:

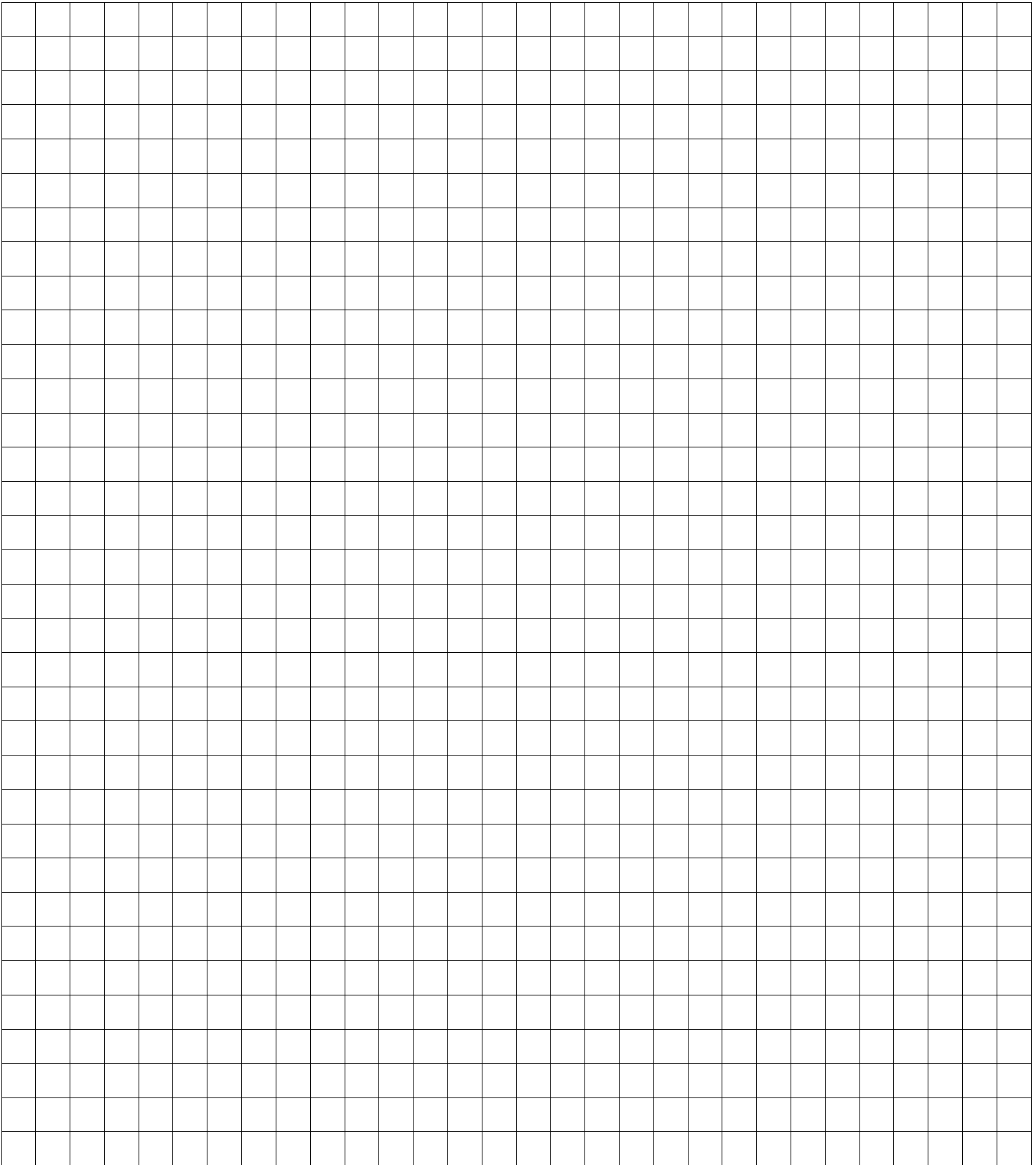
3 Application Layout:

Floor plan attached that includes the following.

1. Areas to be viewed - numbered and clearly outlined.
2. Camera locations – indicate and number preferred camera location for each viewed area. (Be sure to take into account lighting, background, obstructions, field of view, etc.)
3. Monitor locations – indicate preferred monitor locations.
4. Recorder and Control locations – Indicate preferred recorder and control locations.
5. Locations of existing CCTV equipment, if applicable.

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Printed in the U.S.A.



Monitor Information:

Complete a section for each monitor in the application.

Monitor number _____

Monitor location (include who will observe) _____

Mounting: Desk _____ Wall _____ Rack _____ Other _____

How far will the observer be from the monitor? _____

Which camera or cameras will be viewed on this monitor? _____

Monitor Information:

Complete a section for each monitor in the application.

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Which camera or cameras will be viewed on this monitor? _____

Camera Information:

Complete a section for each camera in the application.

Camera number _____

Description of viewed area _____

What is the camera attempting to identify? Personal ID Action ID Scene ID

Notes: _____

Is the camera Overt Covert Notes: _____

Camera location Indoor Outdoor

Is Video Motion Detection required? Yes No

Approximate hours of usage per day _____

Color Black and White

LIGHTING

What is the available level of light? (worst case scenario) _____ fc

What is the reflection factor of the scene you are trying to view? _____ %

Reflection factor on the manufacturer's data sheet _____ %

Actual reflection factor _____ %

What is the manufacturer/actual reflection factor difference? _____

Now, divide the difference by 35 _____

The resulting number will represent the f-stop loss generated by the actual scene you are dealing with. You will subtract this amount from the f-stop provided on the manufacturer's data sheet. Also, each f-stop loss represents up to a 50% reduction in the measured light.

LENS

STEP 1
↓
Distance to object (feet) _____
Divided by
Object Area (feet) _____

STEP 2
↓
multiply result by camera format (mm) = _____

LENS (mm)
↓

Lens type Fixed Zoom Auto Iris Pan/Tilt/Zoom

AUXILLIARY

Recommended location and description of additional lighting/illuminators, if applicable _____

Housings Smoke dome (1 f-stop loss) Silver/Gold dome (2 f-stop loss) Mirror dome (2 f-stop loss) Shield Blower/Heater Dust Outdoor Other: _____

Mounting and hardware type _____

WIRING

Acceptable wiring - Exposed Concealed Conduit Underground Plenum

115 VAC at camera location? No Yes

Approximate length of wire run from camera to monitor _____

Special considerations _____

Recorder

Recorder number _____

To record camera number(s) _____

Recorder location _____

Switcher

Complete a section for each switcher/multiplexer in the application.

Multiplexer? Yes No

Switcher Sequential Quad Splitter

For Camera number(s) _____

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CCTV Symbols

| <u>SYMBOL</u> | <u>DESCRIPTION</u> | <u>SYMBOL</u> | <u>DESCRIPTION</u> |
|---------------|--------------------------------|---------------|--|
| | VIDEO TERMINAL CABINET | | 120V POWER SUPPLY (PROVIDED BY DIVISION 16) |
| | CENTRAL PROCESSING UNIT | | FIXED CCTV CAMERA |
| | VIDEO DISPLAY TERMINAL | | EXISTING FIXED CCTV CAMERA |
| | MATRIX SWITCHER | | PAN TILT ZOOM CCTV CAMERA ENCLOSED IN DOME, ROOF MOUNTED, WEATHER PROOF |
| | VIDEO SURVEILLANCE MONITOR | | PAN TILT ZOOM CCTV CAMERA, ENCLOSED IN DOME, PENDANT MOUNT |
| | ALARM ASSESSMENT VIDEO MONITOR | | PAN TILT ZOOM CCTV CAMERA ENCLOSED IN DOME, POLE MOUNT, WEATHER PROOF |
| | VIDEO QUAD MULTIPLEXER | | PAN TILT ZOOM CCTV CAMERA ENCLOSED IN DOME, WALL MOUNT, WEATHER PROOF |
| | VIDEO RECORDER | | PAN TILT ZOOM CCTV CAMERA, ENCLOSED IN DOME, RECESSED IN CEILING |
| | FIBEROPTIC-RECEIVER | | PAN TILT ZOOM CCTV CAMERA ENCLOSED IN DOME, SURFACE MOUNT UNDER CONCRETE DECKING |
| | FIBEROPTIC TRANSMITTER | | |
| | VIDEO GROUND ISOLATION TRAN | | |
| | VIDEO CONTROL KEYBOARD | | |
| | SECURITY TERMINAL | | |
| | FIBEROPTIC TERMINAL CABINET | | |
| | UNINTERUPTED POWER SUPPLY | | |

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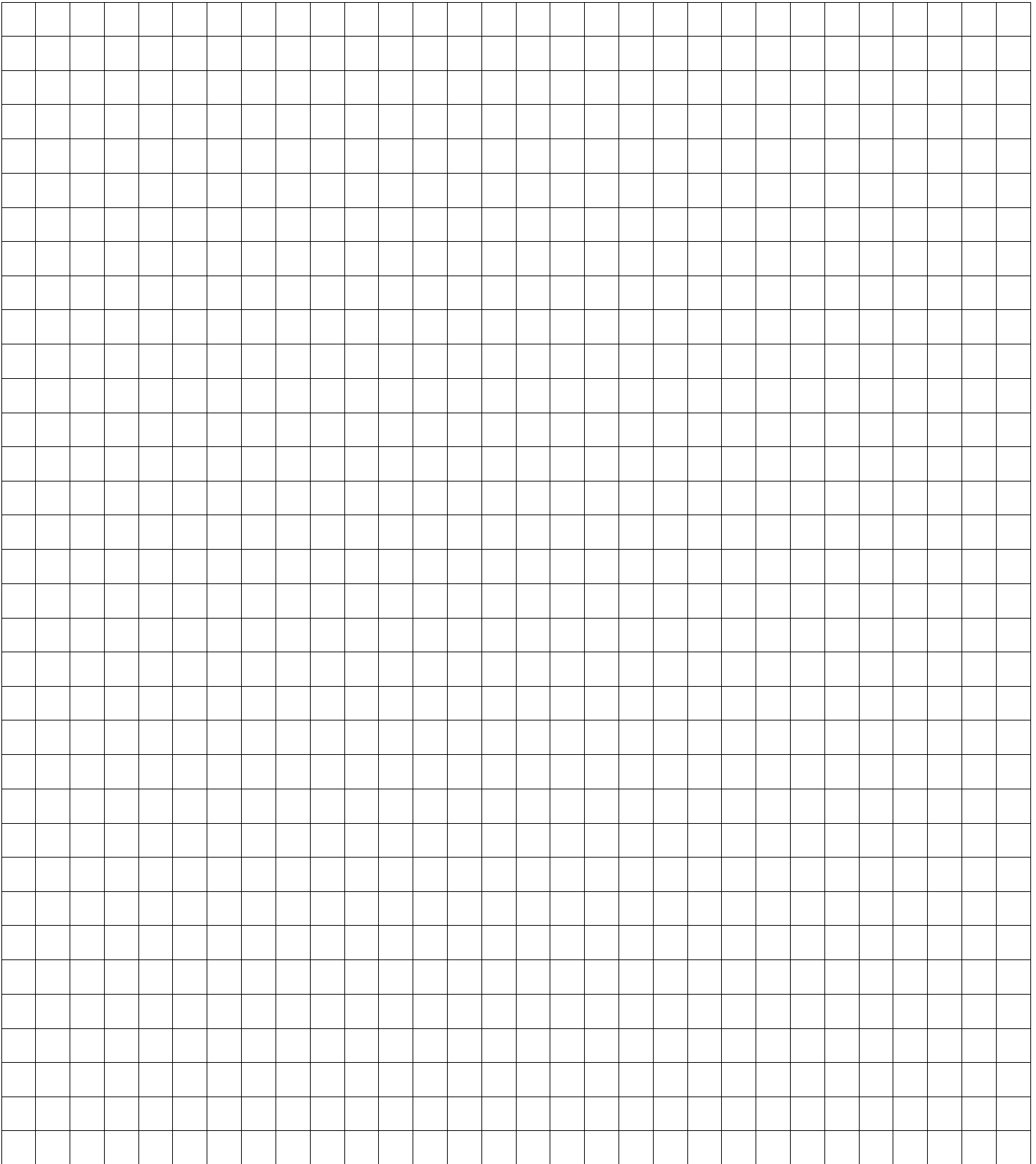
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