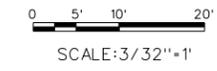


FLOOR PLAN
 LARGE YOUTH CENTER 24,241 SF (FACE OF BRICK)

GENERAL NOTE
 CONTRACTOR WILL HAVE SOME FLEXIBILITY IN OVERALL DIMENSIONS TO ALLOW FOR A BROADER RANGE OF STRUCTURAL SYSTEMS. WHILE SOME MINOR ADJUSTMENTS ARE ALLOWABLE, CONTRACTOR IS REQUIRED TO PROVIDE THE AMOUNT OF PROGRAM SPACE IDENTIFIED IN THE ROOM-BY-ROOM REQUIREMENTS SUMMARY.

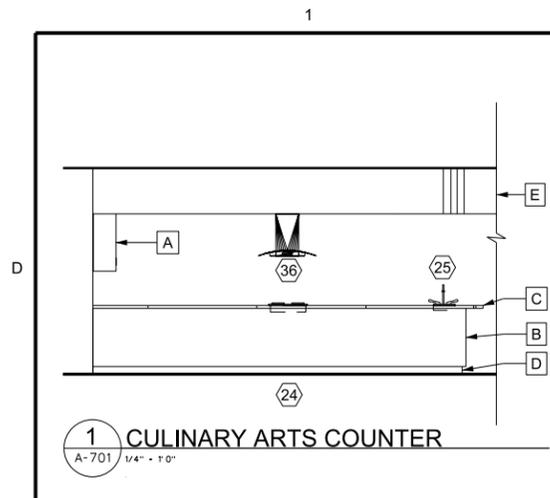


DATE	DESCRIPTION	APPR. MARK

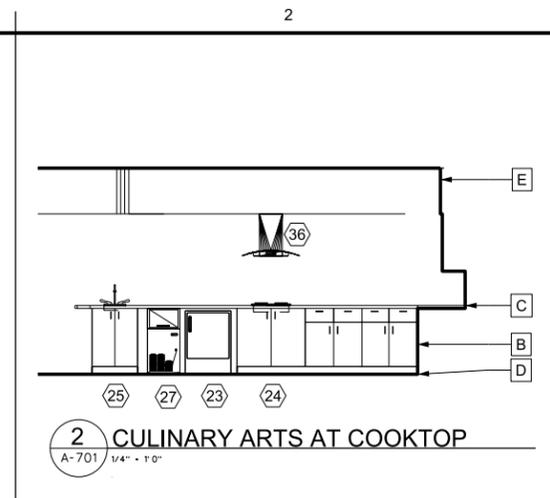
DESIGNED BY:	DATE:	SOLICITATION NO.:
DWN BY:	CHK BY:	CONTRACT NO.:
SUBMITTED BY:	PLOT SCALE:	ISSUE DATE:
FILE NAME:	FILE NUMBER:	
ANSI D		

DA STANDARD DESIGN PACKAGE
 YOUTH CENTER - LARGE CAPACITY FOR
 MIDDLE SCHOOL YOUTH (AGES 11-15)
 AND TEENS (AGES 16-18)
 LARGE CAPACITY (150-180 YOUTH)
 FLOOR PLAN

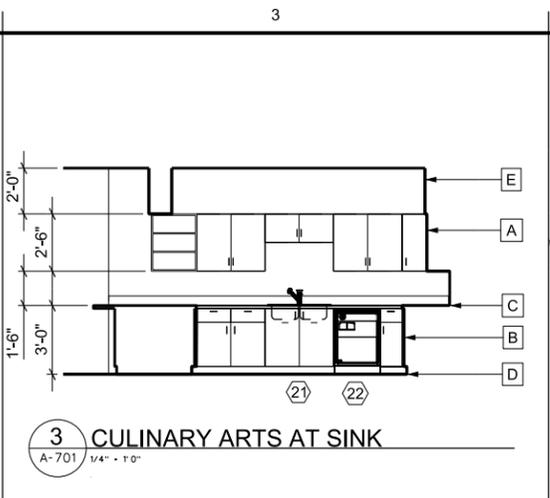
SHEET IDENTIFICATION
A-103
 SHEET 3 OF 7



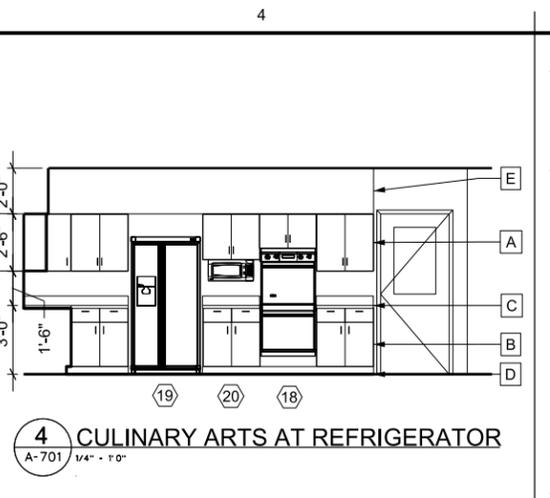
1 CULINARY ARTS COUNTER
A-701 1/4" = 1'-0"



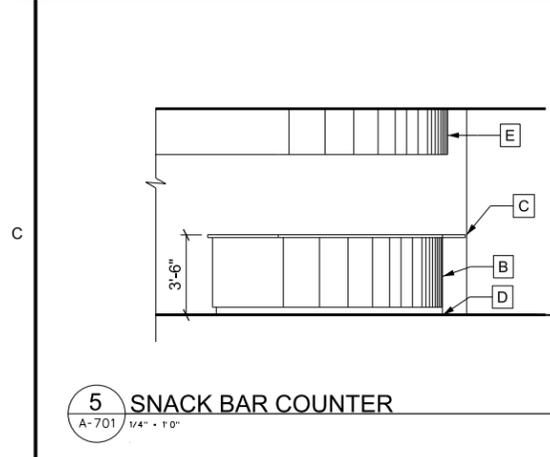
2 CULINARY ARTS AT COOKTOP
A-701 1/4" = 1'-0"



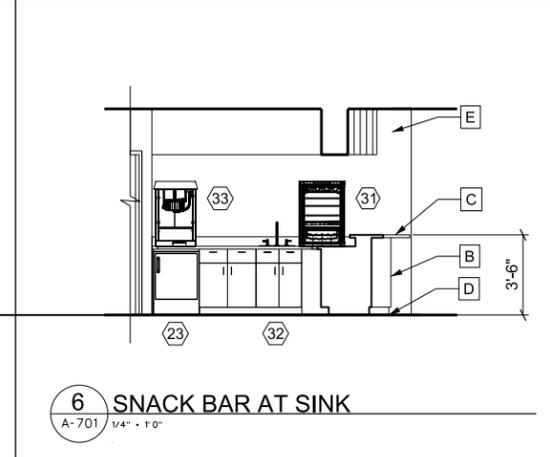
3 CULINARY ARTS AT SINK
A-701 1/4" = 1'-0"



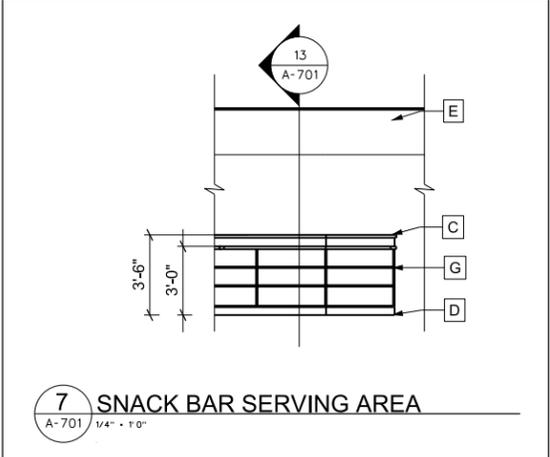
4 CULINARY ARTS AT REFRIGERATOR
A-701 1/4" = 1'-0"



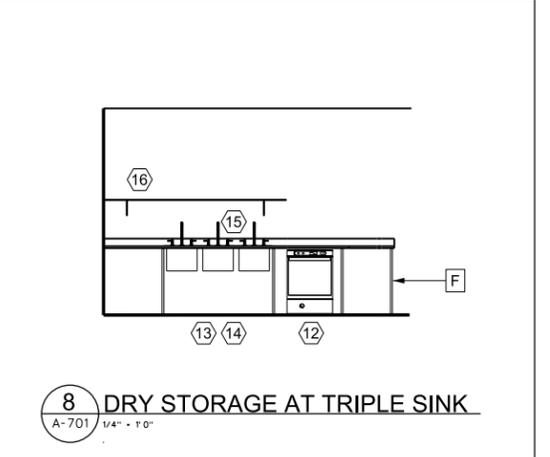
5 SNACK BAR COUNTER
A-701 1/4" = 1'-0"



6 SNACK BAR AT SINK
A-701 1/4" = 1'-0"



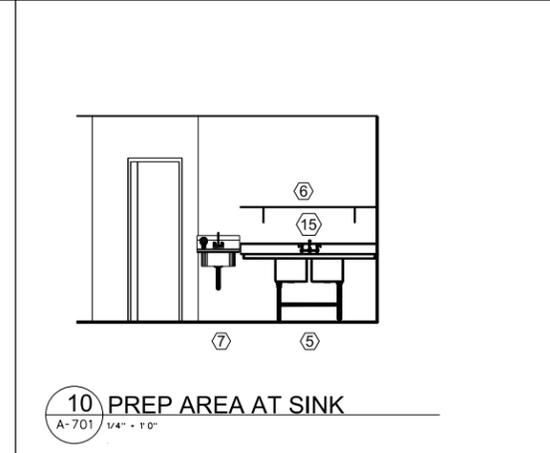
7 SNACK BAR SERVING AREA
A-701 1/4" = 1'-0"



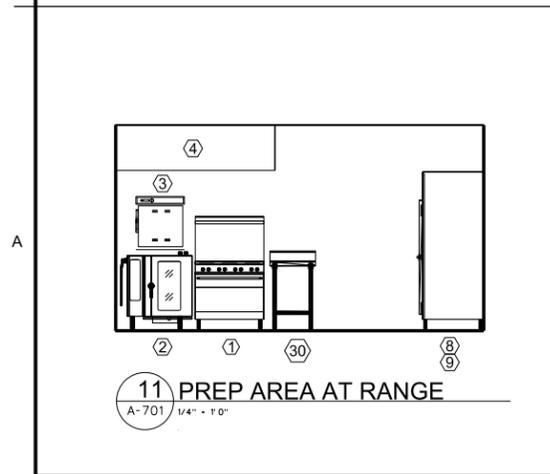
8 DRY STORAGE AT TRIPLE SINK
A-701 1/4" = 1'-0"



9 DRY STORAGE AT SHELVING
A-701 1/4" = 1'-0"



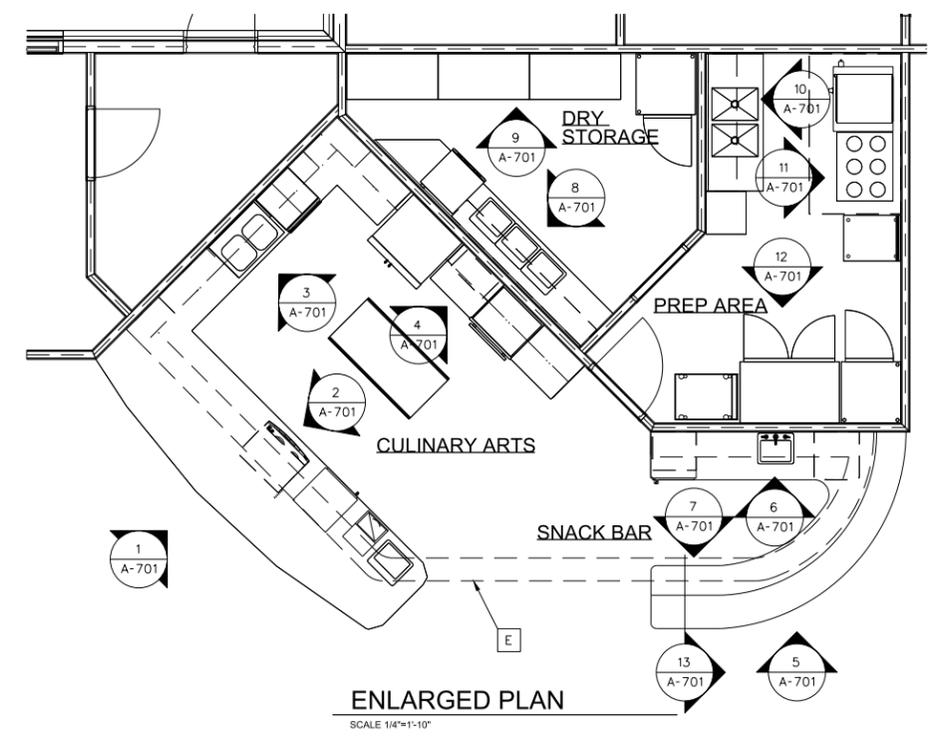
10 PREP AREA AT SINK
A-701 1/4" = 1'-0"



11 PREP AREA AT RANGE
A-701 1/4" = 1'-0"



12 PREP AREA AT FRIG/FREEZER
A-701 1/4" = 1'-0"



ENLARGED PLAN
SCALE 1/4" = 1'-10"

KEYED NOTES - EQUIPMENT

- SEE SHEET A-401, ENLARGED PLAN
- SNACK BAR/CULINARY ARTS

KEYED NOTES-MILLWORK

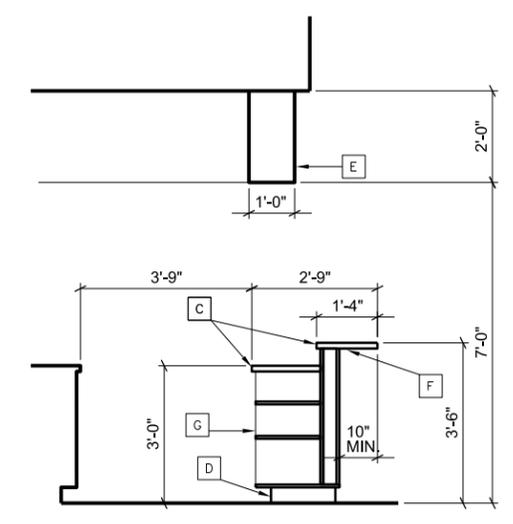
- A WALL MOUNTED CABINETS WITH ADJUSTABLE SHELF (TYPICAL) AND PLASTIC LAMINATE FINISH
- B BASE CABINETS WITH ADJUSTABLE SHELF AND DRAWER ABOVE (TYPICAL) WITH PLASTIC LAMINATE FINISH
- C SOLID SURFACE COUNTERTOPS
- D RESILIENT BASE
- E GYPSUM BOARD SOFFIT, 7'-0" A.F.F.
- F UNDERCOUNTER SUPPORT, AS REQUIRED
- G LOWER CABINET WITH ADJUSTABLE SHELVES WITH PLASTIC LAMINATE FINISH

GENERAL NOTES - MILLWORK

1. CABINET DOORS SHALL HAVE A MINIMUM 12 INCH WIDTH AND A MAXIMUM 24 INCH WIDTH. CABINETS SHALL HAVE A MINIMUM OPENING 24" WIDE.
2. UPPER CABINETS SHALL BE 30", UNLESS OTHERWISE NOTED.
3. COUNTER HEIGHTS SHALL BE 36", UNLESS OTHERWISE NOTED.
4. CABINETS SHALL BE A MINIMUM OF AWI 400B LAMINATE CLAD CABINETS, (USING HIGH PRESSURE LAMINATE ON EXPOSED SURFACES) CUSTOM GRADE. DRAWER SLIDES SHALL BE FULL EXTENSION AND SHALL BE COMMERCIAL GRADE OR BETTER.
5. CABINETS SHALL BE CONSTRUCTED OF HIGH QUALITY PLYWOOD. PARTICLE BOARD IS NOT ACCEPTABLE.
6. WHERE UPPER CABINETS ARE LOCATED OVER BASE CABINETS, THE ENDS OF EACH SHALL ALIGN VERTICALLY.
7. ALL APPLIANCES IN THE SNACK BAR/CULINARY ARTS AREAS SHALL BE NSF RESIDENTIAL GRADE APPROVED EQUIPMENT.
8. ALL APPLIANCES IN THE PREP AREA AND DRY STORAGE AREA SHALL BE OF COMMERCIAL GRADE APPROVED EQUIPMENT.
9. AT RECEPTION DESK, ALLOW 2 CABLE SLOTS AT EACH UPPER CABINET WITH CORRESPONDING SLOTS ON LOWER CABINETS WITH GROMMET AT EACH SLOT.
10. AT RECEPTION DESK, ALLOW 2 QUAD RECEPTACLES AT UPPER CABINET AND 4 QUAD RECEPTACLES AT LOWER CABINET. ALSO ALLOW DATA AND VOICE TO SUPPORT FOUR COMPUTER STATIONS AND 2 WORK STATIONS.

GENERAL NOTES

1. CABINETS BEYOND NOT SHOWN ON ELEVATIONS FOR CLARITY.



13 SNACK BAR
A-701 1/2" = 1'-0"



DATE	APPROVAL	DESCRIPTION

DESIGNED BY: MCK	CHECKED BY: CKB	DATE: March 2010
DRAWN BY: MCK	ISSUED BY: Chief, General Engineering	SOLICITATION NO.:
SUBMITTED BY: Chief, General Engineering	ISSUE DATE:	CONTRACT NO.:
PLOT SCALE: 1/4" = 1'-0"	FILE NUMBER: MOBRL_YCMA-A-401.dgn	FILE NAME: ANSI D mtrPvw.dgn
U.S. ARMY CORPS OF ENGINEERS LITTLE ROCK DISTRICT LITTLE ROCK, ARKANSAS		

DA STANDARD DESIGN PACKAGE
YOUTH CENTER - LARGE CAPACITY FOR
MIDDLE SCHOOL YOUTH (AGES 11-15)
AND TEENS (AGES 16-18)

MILLWORK DETAILS 1

CONTRACTOR (BUILDING THE FACILITY) TO PROVIDE:

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

1. POWER FOR THE CCTV SYSTEM:
 - A. CAMERA POWER SUPPLY: 64 CAMERA SYSTEM
POWER FOR THE CCTV CAMERAS SHALL BE DISTRIBUTED FROM THE SER RACKMOUNT POWER SUPPLY TO EACH CAMERA LOCATION. (CLASS 2 LIMITED POWER SOURCE - LOW VOLTAGE SYSTEM - 24VAC TO THE CAMERAS).
 - B. SURVEILLANCE EQUIPMENT RACK (SER): TWO (2) 120VAC/30-AMP CIRCUITS SHALL BE SUPPLIED TO THE LOCATION DESIGNATED FOR THE CCTV SER. THE CIRCUITS SHALL BE TERMINATED WITH A 3-PRONG RECEPTACLE (L5-30P3W125V) RECESS MOUNTED IN THE LOCATION DESIGNATED FOR THE SER.
 - C. PARENTAL VIEWING MONITOR (PVM): A STANDARD 110 VAC RECEPTACLE SHALL BE INSTALLED AT THE LOCATION DESIGNATED FOR THE PVMs. THE RECEPTACLE SHALL BE MOUNTED ABOVE THE DROP CEILING AND CAN BE TIED TO ANY CIRCUIT IN THE FACILITY.
 - D. PVM WORKSTATION (PWS): A STANDARD 110 VAC OUTLET SHALL BE MADE AVAILABLE AT THE RECEPTION DESK, FOR THE PVM WORKSTATION.

2. ALL EMT SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE BASED UPON THE TYPE, GAUGE AND QUANTITY OF CABLING AND WIRING INSTALLED WITHIN THE EMT. THE CONDUIT FILL RATE SHALL CONFORM TO THE NEC STANDARD.

3. THE CAMERA POWER CABLE SHALL BE 2-CONDUCTOR AWG 18 GAUGE STRANDED UNSHIELDED, PLENUM RATED CABLE TYPE. THE PREFERRED WIRE IS PRE-MARKED SMARTWIRETM SECURITY ACCESS CONTROL CABLE 18 AWG.2 CONDUCTOR BARE COPPER, NON-SHIELDED PLENUM. COLOR COMBINATION TO BE DETERMINED BY CONTRACTOR AS REQUIRED.

NOTE:

1. UN-TERMINATED POWER CABLES SHALL BE IDENTIFIED BY EITHER THE CAMERA NUMBER, THE SPECIFIC LOCATION OF THE POWER RUN, OR IN A MANNER DETERMINED BY THE CONTRACTOR.
2. ALL POWER CABLES SHALL BE ONE CONTINUOUS RUN. SPLICING IS NOT ACCEPTABLE.
3. IN THE LOCATION DESIGNATED FOR THE SER LEAVE **20' EXCESS COIL** OF POWER CABLE.

4. THE CAMERA VIDEO CABLE SHALL BE RG-59U TYPE CCTV PLENUM COAX CABLE TYPE. THE PREFERRED CABLE IS PRE-MARKED SMARTWIRETM RG-59 VIDEO SURVEILLANCE CABLE PLENUM. COLOR COMBINATION TO BE DETERMINED BY CONTRACTOR AS REQUIRED.

NOTE:

1. UN-TERMINATED VIDEO CABLES SHALL BE IDENTIFIED BY EITHER THE CAMERA NUMBER, THE SPECIFIC LOCATION OF THE VIDEO RUN OR IN A MANNER DETERMINED BY THE CONTRACTOR.
2. ALL VIDEO CABLES SHALL BE ONE CONTINUOUS RUN. SPLICING IS NOT ACCEPTABLE.
3. IN THE LOCATION DESIGNATED FOR THE SER LEAVE **20' EXCESS COIL** OF VIDEO CABLE.

5. IN AREAS WITH DROP CEILINGS, RUN CONDUIT (W/ VIDEO AND POWER CABLING) ABOVE THE CEILING FROM SER LOCATION TO EACH CAMERA LOCATION. LEAVE **6' EXCESS COIL** OF POWER AND VIDEO CABLE TIED UP AT THE CAMERA LOCATION.

6. IN AREAS W/O DROPPED CEILINGS, RUN CONDUIT (W/ VIDEO AND POWER CABLING) ABOVE CEILING FROM SER LOCATION TO EACH CAMERA LOCATION. PROVIDE **ONE (1) SINGLE GANG RECEPTACLE BOX, RECESS MOUNTED**, ON THE WALL NO MORE THAN 12', AND NO LESS THAN 8', ABOVE THE FIXED FLOOR AT EACH CAMERA LOCATION. (THE CLOSER TO 12' IS PREFERABLE FOR GREATER FIELD OF VIEW.) ALL RECEPTACLE BOXES IN THE SAME AREA SHALL BE MOUNTED AT THE SAME DISTANCE FROM THE FIXED FLOOR.

7. IN AREAS WITH EXPOSED CONDUIT, PROVIDE ONE (1) OCTAGON BOX SURFACE MOUNTED ON THE WALL NO MORE THAN 12', AND NO LESS THAN 8', ABOVE THE FIXED FLOOR AT EACH CAMERA LOCATION (THE CLOSER TO 12' IS PREFERABLE FOR GREATER FIELD OF VIEW). ALL RECEPTACLE BOXES IN THE SAME AREA SHALL BE MOUNTED AT THE SAME DISTANCE FROM THE FIXED FLOOR.

8. IN AREAS WHERE CAMERAS ARE TO BE INSTALLED ON BUILDING EXTERIOR, RUN CONDUIT (W/ VIDEO AND POWER CABLING) FROM SER LOCATION TO THE **ADJACENT INTERIOR** LOCATION. LEAVE THE REQUESTED **6' EXCESS COIL** OF POWER AND VIDEO CABLE TIED UP AT THE LOCATION. **DO NOT PENETRATE THE WALL**, IF REQUIRED, A 4"X 4" JUNCTION BOX AND SLEEVE WILL BE INSTALLED DURING CAMERA INSTALLATION.

9. REQUEST A #12 SOLID GROUND WIRE AT EACH DESIGNATED EXTERIOR CAMERA LOCATION. SUGGESTED GROUNDING OPTIONS ARE 1) GROUNDING WIRE(S) TO BE ATTACHED TO A GROUND CONDUIT RUN, OR 2) RUN GROUNDING WIRE FROM COMM ROOM/SER LOCATION TO EXTERIOR CAMERAS. IF OPTION #2 IS THE METHOD OF GROUNDING, PROVIDE A #6 OR #8 GROUND WIRE FROM COMM ROOM/SER LOCATION TO A POWER PANEL.

10. A 10/100/1000 BASE-T CAT-6 CIRCUIT SHALL BE PROVIDED BETWEEN THE FACILITIES ADMINISTRATOR'S OFFICE AND THE SER LOCATION. A SECOND 10/100/1000 BASE-T CAT-6 CIRCUIT SHALL BE PROVIDED BETWEEN THE PVM WORKSTATION LOCATION AT THE RECEPTION DESK AND THE SER. THIS SHALL INCLUDE A TERMINATED RJ-45 RECEPTACLE AT THE ADMINISTRATOR'S OFFICE AND THE PVM WORKSTATION LOCATION. AT THE SER, BOTH CIRCUITS SHALL BE UN-TERMINATED WITH 20' EXCESS COILED IN OVERHEAD.

11. A PULL BOX SHALL BE INSTALLED AT THE PVM WITH AN EMT WIRE PATH BETWEEN IT AND THE PVM WORKSTATION LOCATION. ALL EMT SHALL BE A MINIMUM OF ONE (1) INCH IN DIAMETER.

12. HVAC VENT SHOULD NOT BE PLACED ABOVE LOCATION DESIGNATED FOR SER. FORCED HEAT DURING WINTER MONTHS MAY CAUSE OVER-HEATING OF EQUIPMENT.

13. IF THE FACILITY HAS CABLE TRAYS, RECOMMEND USING TRAY TO GET CAMERA WIRES AS CLOSE TO THE CAMERA LOCATIONS AS POSSIBLE. THEN RUN CONDUIT TO THE EXACT LOCATIONS USING THE MOST DIRECT ROUTE.

14. **ASSUMPTIONS (FOR CAMERA PLACEMENT ON DRAWINGS):**
ALL CEILINGS ARE EIGHT (8) FEET SUSPENDED TILES UNLESS OTHERWISE NOTED.
ALL FURNITURE AND LANDSCAPE PLACEMENT WILL NOT BLOCK CAMERA VIEWS.
BUILDINGS WILL HAVE "OVERHANGS / SOFFITS" TO ACCOMMODATE EXTERIOR CAMERAS.
EXTERIOR CAMERAS ARE PLACED BASED ON EXPECTED LOCATION OF PLAYGROUNDS.

GENERAL NOTES

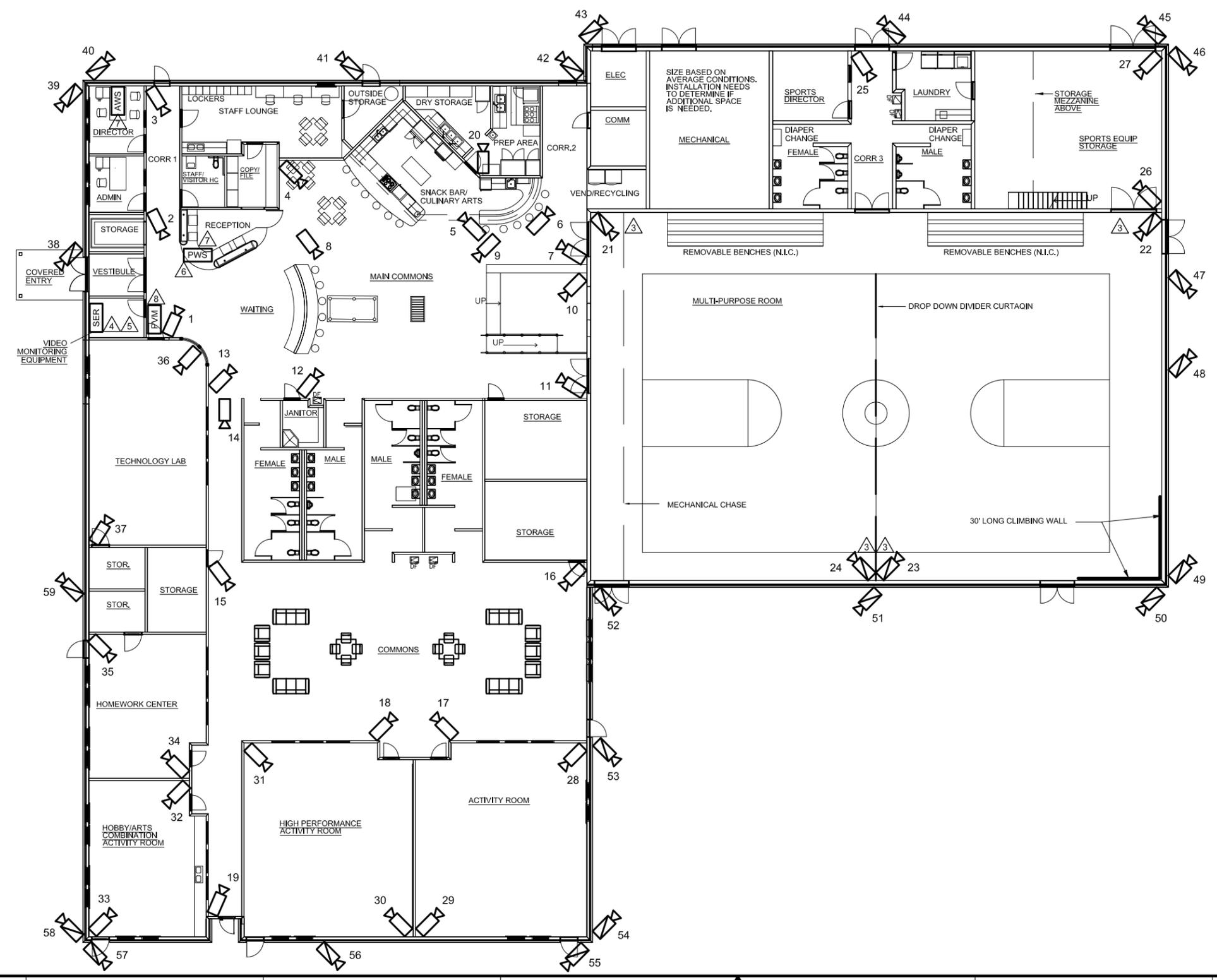
LARGE YOUTH CENTER

SIZE	CAGE CODE	SPAWAR DRAWING NO.	REV.
D	29355		-
SCALE:	NONE	SHEET	1 OF 4

Final Copy - April 23, 2010

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

- NOTES:**
1. ALL INTERIOR CAMERAS SHALL HAVE A LENS SIZE OF 2.9-12MM UNLESS OTHERWISE NOTED.
 2. ALL EXTERIOR CAMERAS SHALL HAVE A LENS SIZE OF 2.9-12MM UNLESS OTHERWISE NOTED.
 3. EXTERIOR CAMERAS ARE TO BE INSTALLED IN ALL MULTI-PURPOSE ROOMS/GYMNASIUMS. CAMERAS SHALL HAVE A LENS SIZE OF 2.9-12MM UNLESS OTHERWISE NOTED.
 4. CCTV RACK MOUNT POWER SUPPLIES (SEE NOTE 1A)
 5. SURVEILLANCE EQUIPMENT RACK (SER) LOCATION (SEE NOTE 1B).
 6. PVM WORKSTATION (SEE NOTE 1D & 11).
 7. RJ-45 LAN JACK LOCATION (SEE NOTE 10).
 8. PARENTAL VIEWING MONITOR (PVM) LOCATION (SEE NOTE 1C & 11).

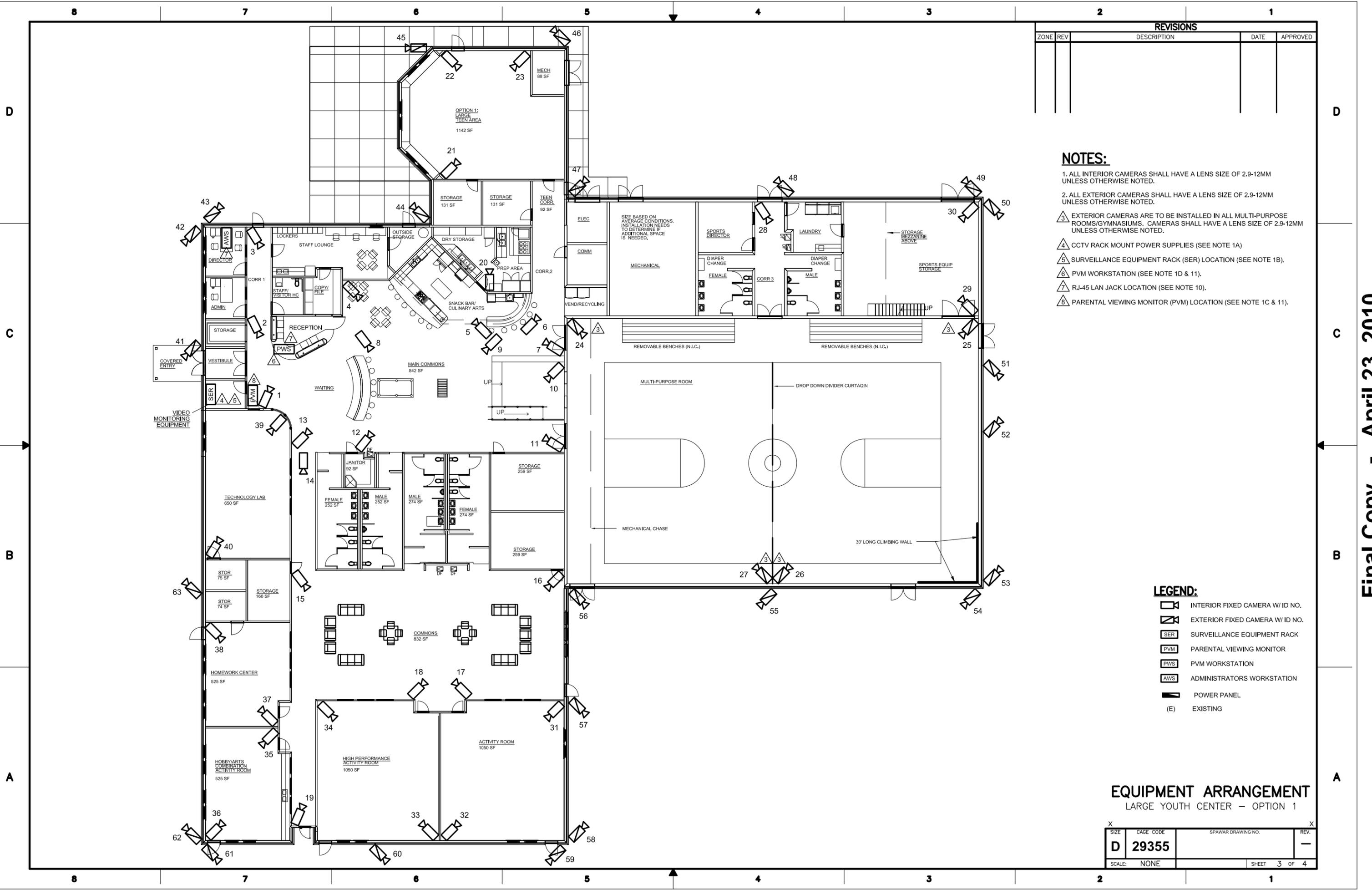


- LEGEND:**
- INTERIOR FIXED CAMERA W/ ID NO.
 - EXTERIOR FIXED CAMERA W/ ID NO.
 - SURVEILLANCE EQUIPMENT RACK
 - PARENTAL VIEWING MONITOR
 - PVM WORKSTATION
 - ADMINISTRATORS WORKSTATION
 - POWER PANEL
 - (E) EXISTING

EQUIPMENT ARRANGEMENT
LARGE YOUTH CENTER

SIZE	CAGE CODE	SPAWAR DRAWING NO.	REV.
D	29355		-
SCALE:	NONE	SHEET	2 OF 4

Final Copy - April 23, 2010



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

- NOTES:**
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 - ALL EXTERIOR CAMERAS SHALL HAVE A LENS SIZE OF 2.9-12MM UNLESS OTHERWISE NOTED.
 - EXTERIOR CAMERAS ARE TO BE INSTALLED IN ALL MULTI-PURPOSE ROOMS/GYMNASIUMS. CAMERAS SHALL HAVE A LENS SIZE OF 2.9-12MM UNLESS OTHERWISE NOTED.
 - CCTV RACK MOUNT POWER SUPPLIES (SEE NOTE 1A)
 - SURVEILLANCE EQUIPMENT RACK (SER) LOCATION (SEE NOTE 1B).
 - PVM WORKSTATION (SEE NOTE 1D & 11).
 - RJ-45 LAN JACK LOCATION (SEE NOTE 10).
 - PARENTAL VIEWING MONITOR (PVM) LOCATION (SEE NOTE 1C & 11).

- LEGEND:**
- INTERIOR FIXED CAMERA W/ ID NO.
 - EXTERIOR FIXED CAMERA W/ ID NO.
 - SURVEILLANCE EQUIPMENT RACK
 - PARENTAL VIEWING MONITOR
 - PVM WORKSTATION
 - ADMINISTRATORS WORKSTATION
 - POWER PANEL
 - (E) EXISTING

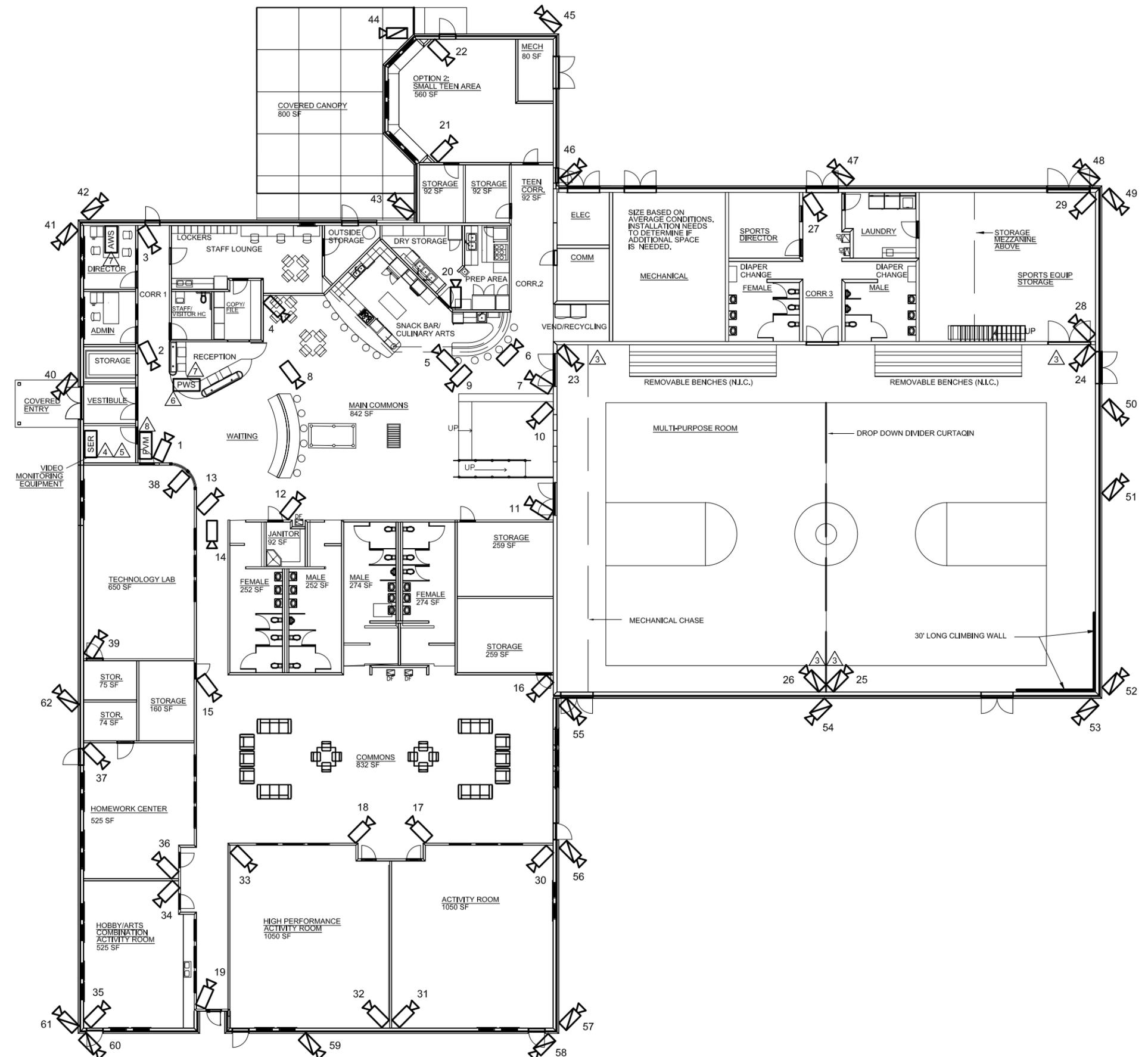
EQUIPMENT ARRANGEMENT
LARGE YOUTH CENTER - OPTION 1

SIZE	CAGE CODE	SPAWAR DRAWING NO.	REV.
D	29355		-
SCALE:	NONE	SHEET	3 OF 4

Final Copy - April 23, 2010

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

- NOTES:**
- ALL INTERIOR CAMERAS SHALL HAVE A LENS SIZE OF 2.9-12MM UNLESS OTHERWISE NOTED.
 - ALL EXTERIOR CAMERAS SHALL HAVE A LENS SIZE OF 2.9-12MM UNLESS OTHERWISE NOTED.
 - EXTERIOR CAMERAS ARE TO BE INSTALLED IN ALL MULTI-PURPOSE ROOMS/GYMNASIUMS. CAMERAS SHALL HAVE A LENS SIZE OF 2.9-12MM UNLESS OTHERWISE NOTED.
 - CCTV RACK MOUNT POWER SUPPLIES (SEE NOTE 1A)
 - SURVEILLANCE EQUIPMENT RACK (SER) LOCATION (SEE NOTE 1B).
 - PVM WORKSTATION (SEE NOTE 1D & 11).
 - RJ-45 LAN JACK LOCATION (SEE NOTE 10).
 - PARENTAL VIEWING MONITOR (PVM) LOCATION (SEE NOTE 1C & 11).



- LEGEND:**
- INTERIOR FIXED CAMERA W/ ID NO.
 - EXTERIOR FIXED CAMERA W/ ID NO.
 - SURVEILLANCE EQUIPMENT RACK
 - PARENTAL VIEWING MONITOR
 - PVM WORKSTATION
 - ADMINISTRATORS WORKSTATION
 - POWER PANEL
 - (E) EXISTING

EQUIPMENT ARRANGEMENT
LARGE YOUTH CENTER – OPTION 2

SIZE	CAGE CODE	SPAWAR DRAWING NO.	REV.
D	29355		—
SCALE:	NONE	SHEET	4 OF 4

Fianl Copy - April 23, 2010