GRAPHIC SCALE:
0 200 600 1000
1" = 400'

DEPENDENT HIGH SCHOOL

MARINE CORPS BASE

CAMP LEJEUNE, N. C.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

SCHEDULE OF DRAWINGS

EFD NO.	NAVFAC NO.	TITLE
226761	4126761	CS-1 TITLE SHEET
226762	4126762	C-1 GENERAL SITE PLAN - KEY MAP
226763	4126763	C-2 DEMOLITION PLAN
226764	4126764	C-3 GENERAL LAYOUT PLAN
226765	4126765	C-4 LAYOUT PLAN A
226766	4126766	C-5 LAYOUT PLAN B
226767	4126767	C-6 LAYOUT PLAN C
226768	4126768	C-7 LAYOUT PLAN D
226769	4126769	C-8 LAYOUT PLAN E
226770	4126770	C-9 LAYOUT PLAN F
226771	4126771	C-10 GENERAL GRADING & STORM DRAINAGE PLAN
226772	4126772	C-11 GENERAL WATER & SEWER LAYOUT
226773	4126773	C-12 GRADING, DRAINAGE, WATER & SEWER PL A
226774	4126774	C-13 GRADING, DRAINAGE, WATER & SEWER PL B
226775	4126775	C-14 GRADING, DRAINAGE, WATER & SEWER PL C
226776	4126776	C-15 GRADING, DRAINAGE, WATER & SEWER PL D
226777	4126777	C-16 GRADING, DRAINAGE, WATER & SEWER PL E
226778	4126778	C-17 GRADING, DRAINAGE, WATER & SEWER PL F
226779	4126779	C-18 WATER AND SEWER DETAILS
226780	4126780	C-19 WASTE WATER PUMP STATION AND DETAILS
226781	4126781	C-20 SANITARY SEWER PROFILES
226782	4126782	C-21 IMPOUNDMENT #2
226783	4126783	C-22 STORM DRAINAGE DETAILS
226784	4126784	C-23 STORM DRAINAGE PROFILES
226785	4126785	C-24 STORM DRAINAGE PROFILES
226786	4126786	C-25 STORM DRAINAGE PROFILES
226787	4126787	C-25 PAVING DETAILS
226788	4126788	LA-1 SITE PLAN
226789	4126789	LA-2 COURTYARD PLAN
226790	4126790	LA-3 LANDSCAPE PLAN
226791	4126791	LA-4 LANDSCAPE PLAN A
226792	4126792	LA-5 LANDSCAPE PLAN B
226793	4126793	LA-6 LANDSCAPE PLAN C
226794	4126794	LA-7 LANDSCAPE PLAN D
226795	4126795	LA-8 LANDSCAPE PLAN E
226796	4126796	LA-9 LANDSCAPE PLAN F
226797	4126797	LA-10 COURTYARD PLANTING
226798	4126798	LA-11 PLANT LIST & DETAILS
226799	4126799	LA-12 LA DETAILS
226800	4126800	LA-13 LA DETAILS
226801	4126801	LA-14 LA DETAILS
226802	4126802	LA-15 LA DETAILS
226803	4126803	A-1 SITE PLAN
226804	4126804	A-2 OVERALL BUILDING PLAN
226805	4126805	A-3 FLOOR PLAN PART A
226806	4126806	A-4 FLOOR PLAN PART B
226807	4126807	A-5 FLOOR PLAN PART A & B LOFT
226808	4126808	A-6 FLOOR PLAN PART C
226809	4126809	A-7 FLOOR PLAN PART D
226810	4126810	A-8 FLOOR PLAN PART E
226811	4126811	A-9 ELEVATIONS - NORTH
226812	4126812	A-10 ELEVATIONS - EAST/WEST
226813	4126813	A-11 ELEVATIONS - SOUTH
226814	4126814	A-12 DOOR SCHEDULE
226815	4126815	A-13 DOOR SCHEDULE
226816	4126816	A-14 DOOR & FRAME ELEVATIONS
226817	4126817	A-15 FRAME DETAILS
226818	4126818	A-16 ROOM FINISH SCHEDULE & ABBREVIATIONS
226819	4126819	A-17 FINISH DETAILS
226820	4126820	A-18 CROSS SECTION
226821	4126821	A-19 CROSS SECTION
226822	4126822	A-20 LONGITUDINAL SECTIONS
226823	4126823	A-21 LONGITUDINAL SECTIONS
226824	4126824	A-22 WALL SECTIONS
226825	4126825	A-23 WALL SECTIONS
226826	4126826	A-24 WALL SECTIONS
226827	4126827	A-25 1/4" PLANS - TOILETS AND DRESSING ROOMS
226828	4126828	A-26 1/4" PLANS - TOILETS AND DRESSING ROOMS
226829	4126829	A-27 1/4" PLANS - SHOPS
226830	4126830	A-28 1/4" PLANS - TOILETS-DRESSING
226831	4126831	A-29 1/4" PLANS - SCIENCE ROOMS
226832	4126832	A-30 NOTED PLAN - FLOOR PLAN PART A
226833	4126833	A-31 NOTED PLAN - FLOOR PLAN PART B
226834	4126834	A-32 NOTED PLAN - FLOOR PLAN PART C
226835	4126835	A-33 NOTED PLAN - FLOOR PLAN PART D
226836	4126836	A-34 NOTED PLAN - FLOOR PLAN PART E
226837	4126837	A-35 REFLECTED CEILING PLAN-PART A
226838	4126838	A-36 REFLECTED CEILING PLAN-PART B
226839	4126839	A-37 REFLECTED CEILING PLAN-PART C
226840	4126840	A-38 REFLECTED CEILING PLAN-PART D
226841	4126841	A-39 REFLECTED CEILING PLAN-PART E
226842	4126842	A-40 MISCELLANEOUS DETAILS
226843	4126843	A-41 MISCELLANEOUS DETAILS
226844	4126844	A-42 MISCELLANEOUS DETAILS
226845	4126845	A-43 MISCELLANEOUS DETAILS
226846	4126846	A-44 MISCELLANEOUS DETAILS
226847	4126847	A-45 MISCELLANEOUS DETAILS
226848	4126848	A-46 ROOF PLAN
226849	4126849	A-47 ROOFING & MISCELLANEOUS DETAILS
226850	4126850	A-48 EXT. PLANS - SERVICE YARD, EXT. DETAILS
226851	4126851	A-49 EXT. PLANS & MISCELLANEOUS DETAILS
226852	4126852	A-50 EXTERIOR BLEACHERS
226853	4126853	A-51 MISCELLANEOUS DETAILS
226854	4126854	A-52 INTERIOR ELEVATIONS & KITCHEN DISHWASH PLAN & EQUIPMENT SCHEDULE
226855	4126855	S-1 BORING LOG, LOCATION PLAN & GEN NOTES
226856	4126856	S-2 PART A - FOUNDATION PLAN
226857	4126857	S-3 PART B - FOUNDATION PLAN
226858	4126858	S-4 PART C - FOUNDATION PLAN
226859	4126859	S-5 PART D - FOUNDATION PLAN
226860	4126860	S-6 PART E - FOUNDATION PLAN
226861	4126861	S-7 SERVICE YARD-FOUNDATION/FRAMING PLANS, SECTIONS AND DETAILS
226862	4126862	S-8 LOFT FRAMING PLANS, SECTIONS & DETAILS
226863	4126863	S-9 PART A - ROOF FRAMING PLAN
226864	4126864	S-10 PART B - ROOF FRAMING PLAN
226865	4126865	S-11 PART C - ROOF FRAMING PLAN
226866	4126866	S-12 PART D - ROOF FRAMING PLAN
226867	4126867	S-13 PART E - ROOF FRAMING PLAN
226868	4126868	S-14 FOUNDATION SECTIONS & DETAILS
226869	4126869	S-15 FRAMING SECTIONS & DETAILS
226870	4126870	S-16 FRAMING SECTIONS & DETAILS
226871	4126871	S-17 FRAMING SECTIONS & DETAILS
226872	4126872	S-18 ATHLETIC FACILITIES STRUCTURES
226873	4126873	P-1 PLUMBING SITE PLAN, LEGEND, SCHED. AND DET
226874	4126874	P-2 FOUNDATION PLUMBING PLAN - PART A
226875	4126875	P-3 FOUNDATION PLUMBING PLAN - PART B
226876	4126876	P-4 FOUNDATION PLUMBING PLAN - PART C
226877	4126877	P-5 FOUNDATION PLUMBING PLAN - PART D
226878	4126878	P-6 FOUNDATION PLUMBING PLAN-PART E
226879	4126879	P-7 PLUMBING FLOOR PLAN - PART A
226880	4126880	P-8 PLUMBING FLOOR PLAN - PART B
226881	4126881	P-9 PLUMBING FLOOR PLAN - PART A & B LOFT
226882	4126882	P-10 PLUMBING FLOOR PLAN - PART C
226883	4126883	P-11 PLUMBING FLOOR PLAN - PART D
226884	4126884	P-12 PLUMBING FLOOR PLAN - PART E
226885	4126885	P-13 SERVICE YARD PLAN & DETAILS
226886	4126886	P-14 ROOF DRAINAGE PIPING PLAN
226887	4126887	P-15 WASTE PIPING SCHEMATIC PART A & C
226888	4126888	P-16 WASTE PIPING SCHEMATIC PART B
226889	4126889	P-17 WASTE PIPING SCHEMATIC PART D & E
226890	4126890	P-18 WATER PIPING SCHEMATIC PART A & B
226891	4126891	P-19 WATER PIPING SCHEMATIC PART B & C
226892	4126892	P-20 WATER PIPING SCHEMATIC PART C,D,& E
226893	4126893	P-21 WATER PIPING SCHEMATIC PART E
226894	4126894	P-22 GAS PIPING SCHEMATICS
226895	4126895	P-23 PLUMBING PLAN & DETAILS - EXTERIOR BUILDINGS
226896	4126896	M-1 LEGEND AND SCHEDULES
226897	4126897	M-2 SCHEDULES AND DETAILS
226898	4126898	M-3 MECHANICAL FLOOR PLAN - PART A
226899	4126899	M-4 MECHANICAL FLOOR PLAN - PART B
226900	4126900	M-5 MECHANICAL FLOOR PLAN - PART A & B LOFT
226901	4126901	M-6 MECHANICAL FLOOR PLAN - PART C
226902	4126902	M-7 MECHANICAL FLOOR PLAN - PART D
226903	4126903	M-8 MECHANICAL FLOOR PLAN - PART E
226904	4126904	M-9 MECHANICAL ROOM #B AND GYM SHOWER PIPING PL.
226905	4126905	M-10 SERVICE YARD PLAN
226906	4126906	M-11 MECHANICAL ——— SERVICE YARD PIPING SCHEM
226907	4126907	M-12 ENLARGED MECHANICAL ROOM PLANS
226908	4126908	M-13 ENLARGED MECHANICAL ROOM PLANS
226909	4126909	M-14 SHOP EXHAUST SYSTEMS
226910	4126910	M-15 EXHAUST SYSTEM DETAILS
226911	4126911	M-16 HOOD SECTIONS & DETAILS
226912	4126912	M-17 WATER-HEATER SCHED. & PIPING DIAGRAM
226913	4126913	M-18 TEMPERATURE CONTROL DIAGRAMS
226914	4126914	M-19 TEMPERATURE CONTROL DIAGRAMS
226915	4126915	M-20 ROOF PLAN AND TOILET BUILDING FLOOR PLAN
226916	4126916	E-1 SITE PLAN
226917	4126917	E-2 SITE PLAN AND EXTERIOR LEGEND
226918	4126918	E-3 SUBSTATION & DETAILS
226919	4126919	E-4 STADIUM LIGHTING
226920	4126920	E-5 STADIUM LIGHTING
226921	4126921	E-6 TENNIS COURTS AND DETAILS
226922	4126922	E-7 EXTERIOR LIGHTING FIXTURE AND DETAIL SCH
226923	4126923	E-8 EXTERIOR BUILDINGS
226924	4126924	E-9 SERVICE YARD PLAN AND LIFT STATION
226925	4126925	E-10 LEGEND AND NOTES
226926	4126926	E-11 ELECTRICAL LIGHTING PLAN - SECTION A
226927	4126927	E-12 UPPER LEVEL PLAN - SECTION A
226928	4126928	E-13 STAGE AND AUDITORIUM DETAILS
226929	4126929	E-14 ELECTRICAL POWER PLAN - SECTION A
226930	4126930	E-15 ELECTRICAL LIGHTING PLAN - SECTION B
226931	4126931	E-16 ELECTRICAL POWER PLAN - SECTION B
226932	4126932	E-17 ELECTRICAL POWER PLAN - FOOD PREPARATION
226933	4126933	E-18 ELECTRICAL LIGHTING PLAN-SECTION C
226934	4126934	E-19 ELECTRICAL POWER PLAN - SECTION C
226935	4126935	E-20 ELECTRICAL POWER PLAN - ELEC & MECH RMS
226936	4126936	E-21 ELECTRICAL POWER PLAN - SHOP 1 & 2
226937	4126937	E-22 ELECTRICAL POWER PLAN - HOME EC & GRAPHIC ART
226938	4126938	E-23 ELECTRICAL LIGHTING PLAN - SECTION D
226939	4126939	E-24 ELECTRICAL POWER PLAN - SECTION D
226940	4126940	E-25 ELECTRICAL LIGHT PLAN - SECTION E
226941	4126941	E-26 ELECTRICAL POWER PLAN - SECTION E
226942	4126942	E-27 1/4" ELECTRICAL PLAN - ELEC ROOMS
226943	4126943	E-28 1/4" MECHANICAL ROOF PLANS
226944	4126944	E-29 ELECTRICAL ROOF PLAN
226945	4126945	E-30 SCHEDULE OF EQUIPMENT
226946	4126946	E-31 LIGHTING FIXTURE SCHEDULE
226947	4126947	E-32 INTERIOR LIGHTING FIXTURE PLATES
226948	4126948	E-33 INTERIOR LIGHTING FIXTURE PLATES
226949	4126949	E-34 INTERIOR LIGHTING FIXTURE PLATES
226950	4126950	E-35 FIRE ALARM RISER
226951	4126951	E-36 INTERCOM AND PAGING RISER
226952	4126952	E-37 TELEPHONE RISER
226953	4126953	E-38 POWER RISER
226954	4126954	E-39 POWER RISER
226955	4126955	E-40 PANEL SCHEDULES - SECTION A
226956	4126956	E-41 PANEL SCHEDULES - SECTION B
226957	4126957	E-42 PANEL SCHEDULES - SECTION C
226958	4126958	E-43 PANEL SCHEDULES - SECTION D
226959	4126959	E-44 PANEL SCHEDULES - SECTION E
226960	4126960	E-45 PANEL SCHEDULES - EXTERIOR

CS-1

BALLARD, McKIM & SAWYER ARCHITECTS
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

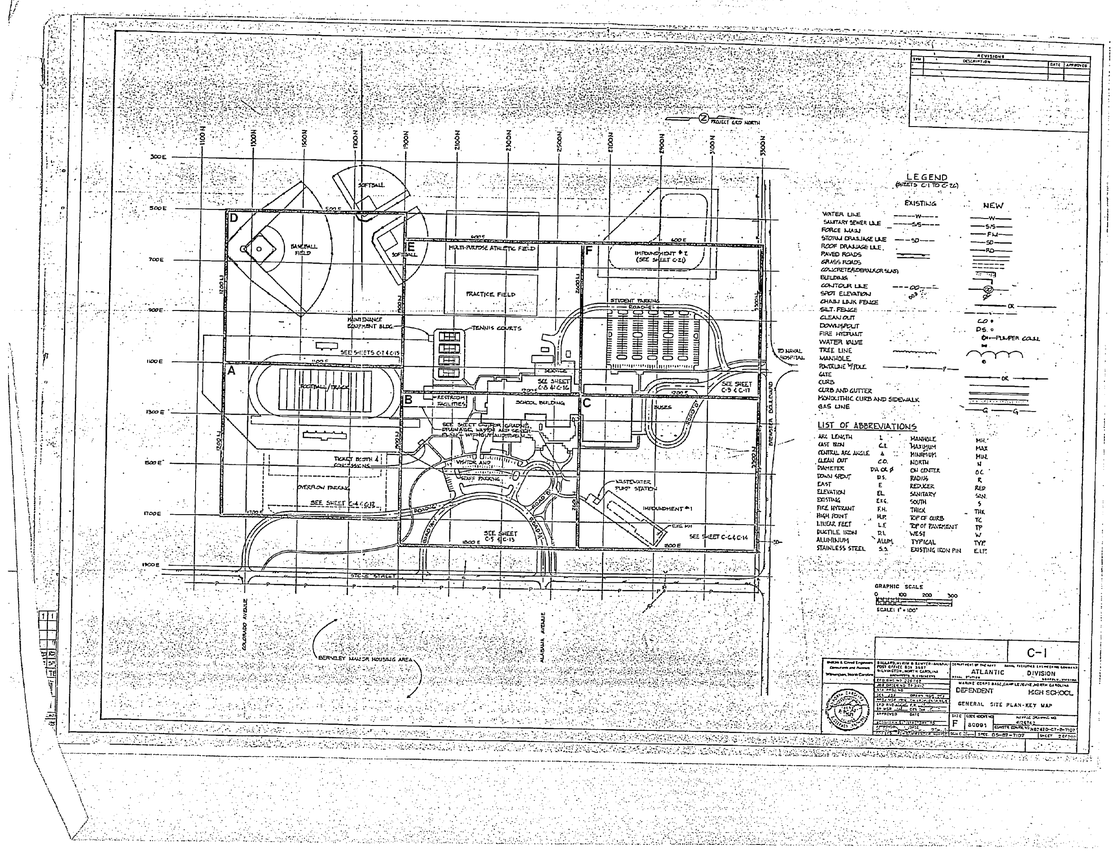
DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NORFOLK, VIRGINIA

EFD DWG NO 226761
JOB ORDER NO. SF3412

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL
TITLE SHEET

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126761
CONSTR CONTR NO N62470-87-B-7107
SPEC. 05-87-7107



NO.	REVISIONS DESCRIPTION	DATE	APPROVED

LEGEND

(SHEETS C1.1 TO C1.3)

	EXISTING	NEW
WATER LINE	——W——	W
SANITARY SEWER LINE	——SS——	SS
FORCE MAIN		FM
STORM DRAINAGE LINE	——SD——	SD
ROOF DRAINAGE LINE		RD
PAVED ROADS		
GRAVEL ROADS		
CONCRETE SIDEWALKS AND SLABS		
BUILDINGS		
CONTOUR LINE	——60——	
SPOT ELEVATION	60.5	
CHAIN LINK FENCE		
SILT FENCE		
CLEAN OUT		CO
DOWNSPOUT		DS
FIRE HYDRANT		FLUSHER CALL
WATER VALVE		
TREE LINE		
MANHOLE		
PROPANE TANK		
GATE		
CURB		
CURB AND GUTTER		
MONOLITHIC CURB AND SIDEWALK		
GAS LINE		

LIST OF ABBREVIATIONS

ARC LENGTH	L	MANHOLE	MH
CAST IRON	C.I.	MAXIMUM	MAX
CENTRAL ANG. ANGLE	Δ	MINIMUM	MIN
CLEAN OUT	C.O.	NORTH	N
DIAMETER	DIA. or ϕ	ON CENTER	O.C.
DRAIN VENT	D.V.	RADIUS	R
EAST	E	REINFORCED	REINF
ELEVATION	EL.	SANITARY	SAN
EXISTING	EXIST.	SOUTH	S
FIRE HYDRANT	F.H.	THICK	THK
HIGH POINT	H.P.	TOP OF CURB	TC
LINEAR FEET	L.F.	TOP OF EMBEDMENT	TP
PARTICLE IRON	P.I.	WEST	W
ALUMINUM	ALUM.	TYPICAL	TYP
STAINLESS STEEL	S.S.	EXISTING IRON PIN	E.I.P.

GRAPHIC SCALE

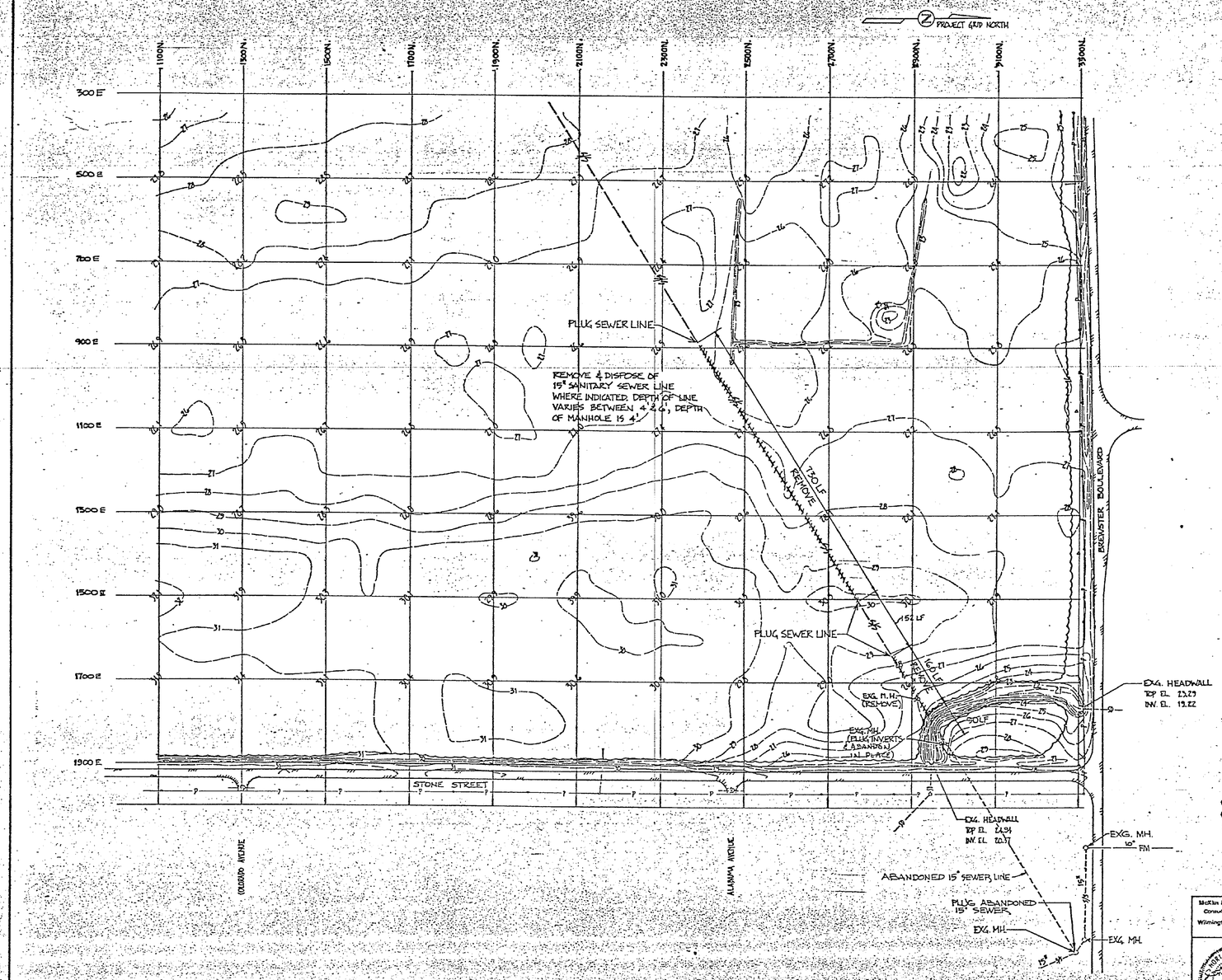
0 100 200 300

SCALE: 1" = 100'

C-1

Parker & Orrell Engineering, P.A. Wilmington, North Carolina	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NORFOLK, VIRGINIA		
	DEPENDENT HIGH SCHOOL		
	GENERAL SITE PLAN-KEY MAP		
	DESIGN F	SITE 1265 NORTH 80091	NAVFAC DRAWING NO. 4124579
	CONTRACT NO. N62470-87-C-8752		
	APPROVED	DATE 26 OCT 1987	SHEET 2 OF 101

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



NOTES:

1. SURVEY WAS PREPARED BY McKIM & CREED ENGINEERS ON DECEMBER 1983 THRU JANUARY 1984.
2. FOR TREES TO REMAIN SEE SHEET LA-3.
3. SITE VEGETATION CONSISTS OF LOGGED FOREST OF HARDWOODS AND PINES RANGING IN DIAMETER FROM 6" TO 56". THE AVERAGE SPACING BETWEEN TREES AND/OR STUMPS IS 20'. THE UNDERGROWTH VARIES FROM SPARCE TO VERY DENSE. THE AVERAGE STUMP HEIGHT IS 2' (TWO FEET).
4. THE SITE HAS BEEN CLEARED OF ALL MERCHANTABLE TIMBER. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF THE REMAINING TREES AND ALL STUMPS & ROOTS OCCURRING WITH IN THE CLEARING LIMITS SHOWN ON SHEET LA-3.

GRAPHIC SCALE
0 100 200 300
SCALE: 1" = 100'

C-2

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

EFD DWG NO 226763
JOB ORDER NO. SF3412
STA. PROJ NO.
DES JSJ — DRAWN WDC, DEJ
PROJ MGR KPM — CH ARCH/ENGR M.B.
EFD. RVD — F.P.
BR MGR. — DES. DIR.
APPROVED — DATE
ACTIVITY - SATISFACTORY TO
APPROVED — DATE
FOR SFO — FOR COMMANDER NAVFAC

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
DEMOLITION PLAN

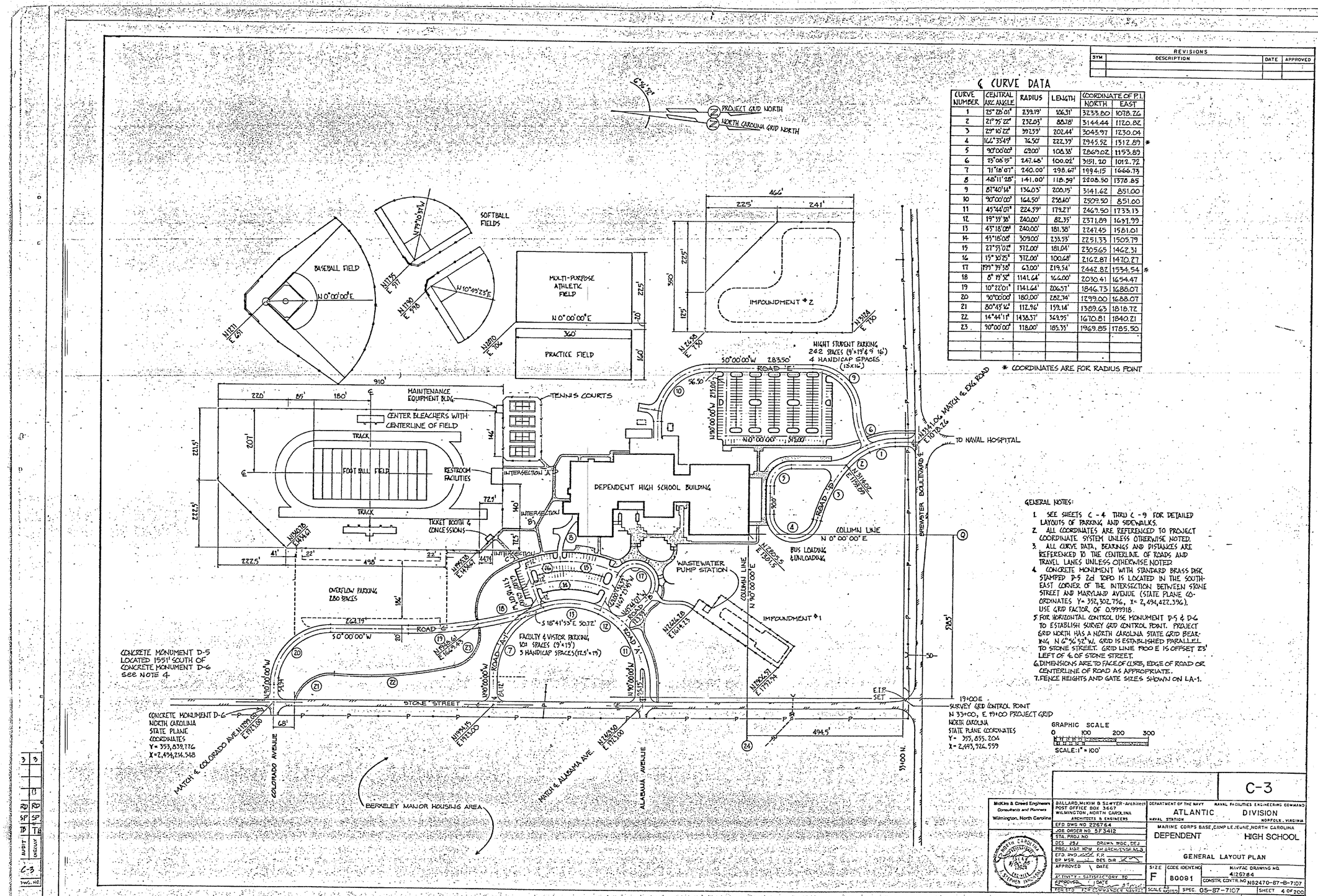
SIZE F — CODE IDENT NO 80091 — NAVFAC DRAWING NO. 4126763
CONSTR. CONTR. NO N62470-87-B-7107
SCALE: AS NOTED — SPEC. 05-87-7107 — SHEET 3 OF 200

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

℄ CURVE DATA

CURVE NUMBER	CENTRAL ARC ANGLE	RADIUS	LENGTH	COORDINATE OF P.I. NORTH	EAST	
1	25°28'01"	239.19'	106.31'	3233.80	1078.26	
2	21°35'22"	232.05'	87.78'	3144.44	1120.82	
3	29°10'22"	397.59'	202.44'	3043.97	1230.04	
4	164°33'49"	76.50'	222.39'	2945.52	1312.89	*
5	90°00'00"	69.00'	108.38'	2869.02	1193.89	
6	23°06'15"	247.65'	100.02'	3151.20	1012.72	
7	71°18'07"	240.00'	298.67'	1994.15	1666.73	
8	48°11'25"	141.00'	118.59'	2208.50	1378.85	
9	87°40'14"	134.05'	205.15'	3141.62	851.00	
10	90°00'00"	164.50'	258.40'	2909.50	851.00	
11	45°44'01"	224.59'	179.27'	2469.50	1733.13	
12	19°39'38"	240.00'	82.35'	2371.89	1691.99	
13	43°18'09"	240.00'	181.38'	2247.45	1581.01	
14	43°18'08"	309.00'	233.53'	2251.33	1505.79	
15	27°53'01"	372.00'	181.04'	2305.65	1462.31	
16	15°30'25"	372.00'	100.68'	2162.87	1470.27	
17	199°39'38"	63.00'	219.54'	2442.82	1534.54	*
18	8°19'52"	1141.64'	166.00'	2030.41	1654.47	
19	10°22'01"	1141.64'	206.57'	1846.73	1688.07	
20	90°00'00"	180.00'	282.74'	1799.00	1688.07	
21	80°43'42"	112.96'	159.14'	1389.63	1818.72	
22	14°44'11"	1438.37'	369.95'	1670.81	1840.21	
23	90°00'00"	118.00'	185.35'	1969.85	1785.50	

* COORDINATES ARE FOR RADIUS POINT



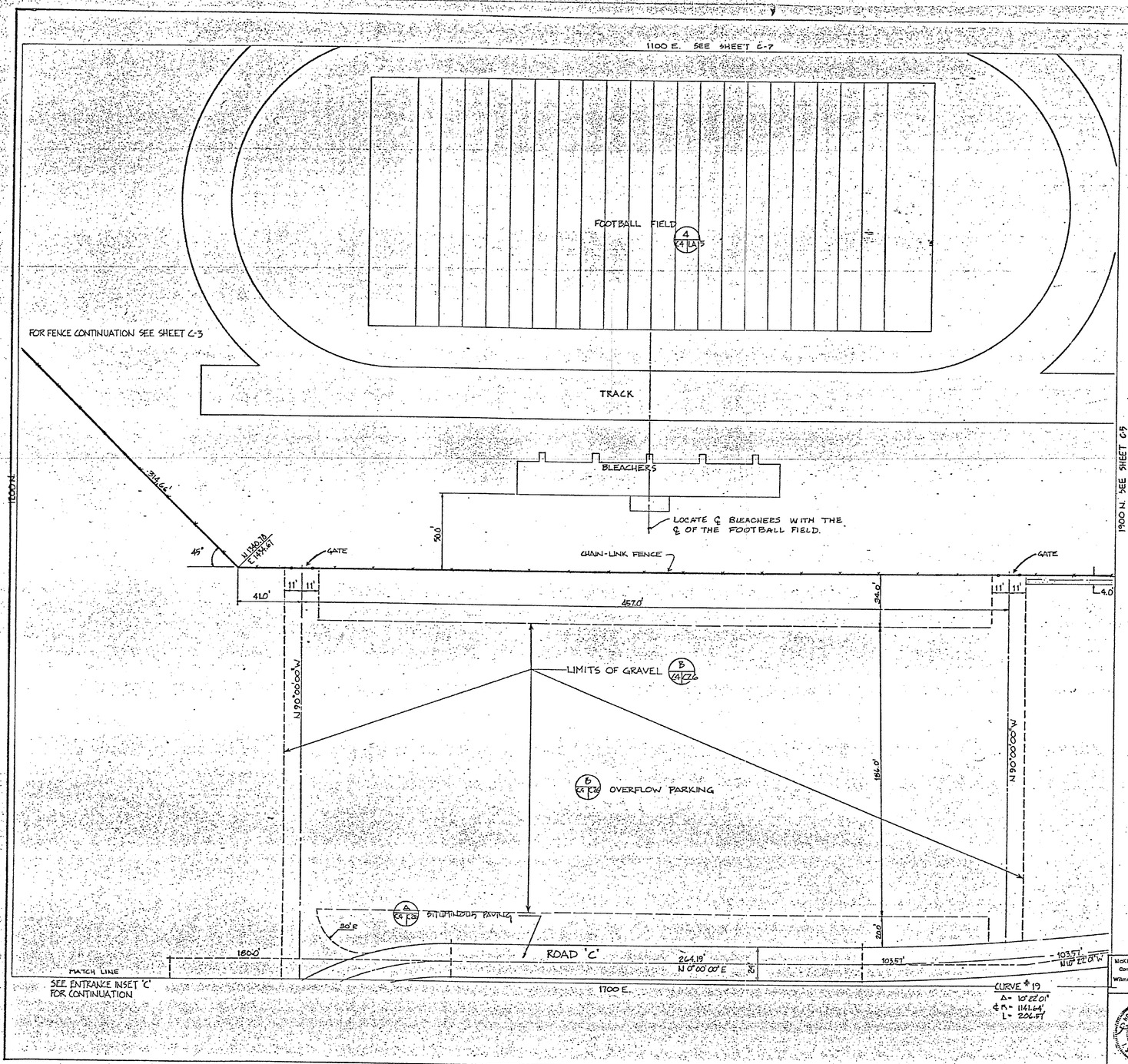
GENERAL NOTES:

1. SEE SHEETS C-4 THRU C-9 FOR DETAILED LAYOUTS OF PARKING AND SIDEWALKS.
2. ALL COORDINATES ARE REFERENCED TO PROJECT COORDINATE SYSTEM UNLESS OTHERWISE NOTED.
3. ALL CURVE DATA, BEARINGS AND DISTANCES ARE REFERENCED TO THE CENTERLINE OF ROADS AND TRAVEL LANES UNLESS OTHERWISE NOTED.
4. CONCRETE MONUMENT WITH STANDARD BRASS DISK STAMPED D-5 2cl TOPO IS LOCATED IN THE SOUTH-EAST CORNER OF THE INTERSECTION BETWEEN STONE STREET AND MARYLAND AVENUE (STATE PLANE CO-ORDINATES Y= 352,302.756, X= 2,494,422.396). USE GRID FACTOR OF 0.999918.
5. FOR HORIZONTAL CONTROL USE MONUMENT D-5 & D-6 TO ESTABLISH SURVEY GRID CONTROL POINT. PROJECT GRID NORTH HAS A NORTH CAROLINA STATE GRID BEARING N 6°54'52"W. GRID IS ESTABLISHED PARALLEL TO STONE STREET. GRID LINE 1900 E IS OFFSET 23' LEFT OF ℄ OF STONE STREET.
6. DIMENSIONS ARE TO FACE OF CURB, EDGE OF ROAD OR CENTERLINE OF ROAD AS APPROPRIATE.
7. FENCE HEIGHTS AND GATE SIZES SHOWN ON LA-1.

C-3

McKim & Creed Engineers Consultants and Planners Wilmington, North Carolina	BALLARD, McKIM & SAWYER-Architect POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS
EFD DWG NO. 2267764	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
JOB ORDER NO. 5F3412	NAVAL STATION ATLANTIC DIVISION NORFOLK, VIRGINIA
STA. PROJ NO.	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DES. JSJ DRWN. WDC, DEJ	DEPENDENT HIGH SCHOOL
PROJ. MGR. HCW CH. ARCH./CIVIL N.S.	GENERAL LAYOUT PLAN
EFD RVO. FP BR MGR. DES DIR.	
APPROVED DATE	SIZE F / CODE IDENT NO. 80091 / NAVFAC DRAWING NO. 412784
ACTIVITY - SATISFACTORY TO APPROVED DATE	CONSTR. CONTR. NO. N62470-87-B-7107
FOR CTO FOR COMMANDER NAVFAC	SCALE AS NOTED / SPEC. 05-87-7107 / SHEET 4 OF 200

AUDIT	DRAWING
C-3	
SYS. NO.	



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

C-4

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

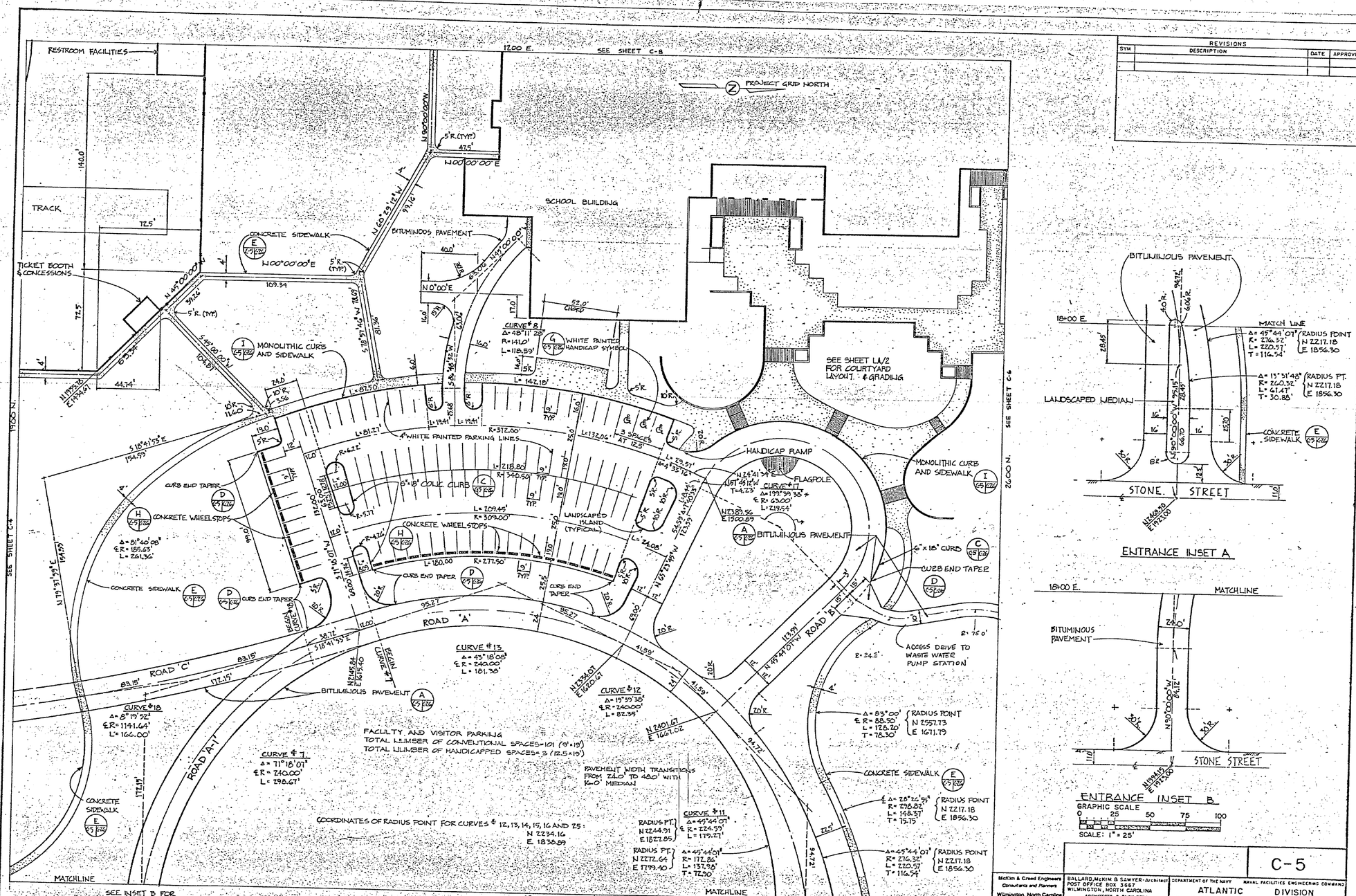
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 225765
JOB ORDER NO 5F 5412
STA. PROJ NO.
DES JSJ DRAWN WDC, DEJ
PROJ MGR HPW CH ARCH/ENGR WLB
EFD RVD F.P.
BR. MGR. DES. DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LAYOUT PLAN A

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126765
CONSTR. CONTR. NO N62470-87-B-7107
SCALE: AS NOTED | SPEC. 05-87-7107 | SHEET 5 OF 200



ENTRANCE INSET A

ENTRANCE INSET B

GRAPHIC SCALE
0 25 50 75 100
SCALE: 1" = 25'

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

C-5

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LAYOUT PLAN B

EFD DWG NO 226766
JOB ORDER NO 5F3412
STA. PROJ NO.
DES JSJ — DRAWN WDC, DEJ
PROJ MGR KPM — CH ARCH/ENGR
EFD RVD — F.P.
BR MGR — DES DIR
APPROVED — DATE
ACTIVITY - SATISFACTORY TO
APPROVED — DATE
FOR EFD — FOR COMMANDER NAVFAC

SIZE F — CODE IDENT NO 80091 — NAVFAC DRAWING NO 4126766
CONSTR. CONTR. NO N62470-87-B-7107
SCALE — SPEC 05-87-7107 — SHEET 6 OF 200

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

1700 E

SEE SHEET C-5

CURVE #5
Δ=90°00'00"
℄ R=69.00'
L=108.38'

MONOLITHIC CURB AND SIDEWALK

BUS LOADING AND UNLOADING

CONCRETE SIDEWALK

CURVE #3
Δ=29°10'22"
℄ R=397.59'
L=202.44'

103.46'

2100 N.

PROJECT GRID NORTH

SCHOOL BUILDING

CURVE #4
Δ=166°33'45"
℄ R=76.8'
L=222.39'

ROAD 'D'

183.00'
N 00°00'00"E

BITUMINOUS PAVEMENT

CONCRETE SIDEWALK

NOTES:
1. SEE SHEET C-5 FOR LAYOUT OF PARKING AND BUILDING.
2. SEE SHEET C-13 FOR WATER, SANITARY SEWER AND STORM DRAINAGE THAT REMAINS UNCHANGED.

SCHOOL BUILDING
FINISHED FLOOR ELEVATION 30.00

SANITARY SEWER M.H. #4

CATCH BASIN D-3
TOP EL. 28.8
INV EL. 25.86

C.O.
INV. 25.5

6"Ø CO. LIFT STA.

FLEXMOUT
INV. EL. 26.45

FLEXMOUT
INV. EL. 27.40

8" SEWER LINE
INV. 25.40

6"Ø CO. LIFT STA.

8" C.I.P. REDUCER

CATCH BASIN D-2

CATCH BASIN B-2

SANITARY SEWER M.H. #2A

SANITARY SEWER M.H. #3

SANITARY SEWER M.H. #2

FIRE HYDRANT

CATCH BASIN A-6

CATCH BASIN A-5

CATCH BASIN A-4

SEE SHEET C-13

2600 N.

BITUMINOUS PAVEMENT

GRAVEL BERM

N 12626.28
E 11614.23

WASTEWATER PUMP STATION
SEE SHEET C-13

IMPOUNDMENT #1
SEE SHEET C-14

335'

N 12900.47
E 11797.94

1500 E.

GRADING, DRAINAGE, WATER AND SEWER PLAN
WITHOUT AUDITORIUM

GRAPHIC SCALE
0 25 50 75 100
SCALE: 1" = 25'

C-6

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, MCKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

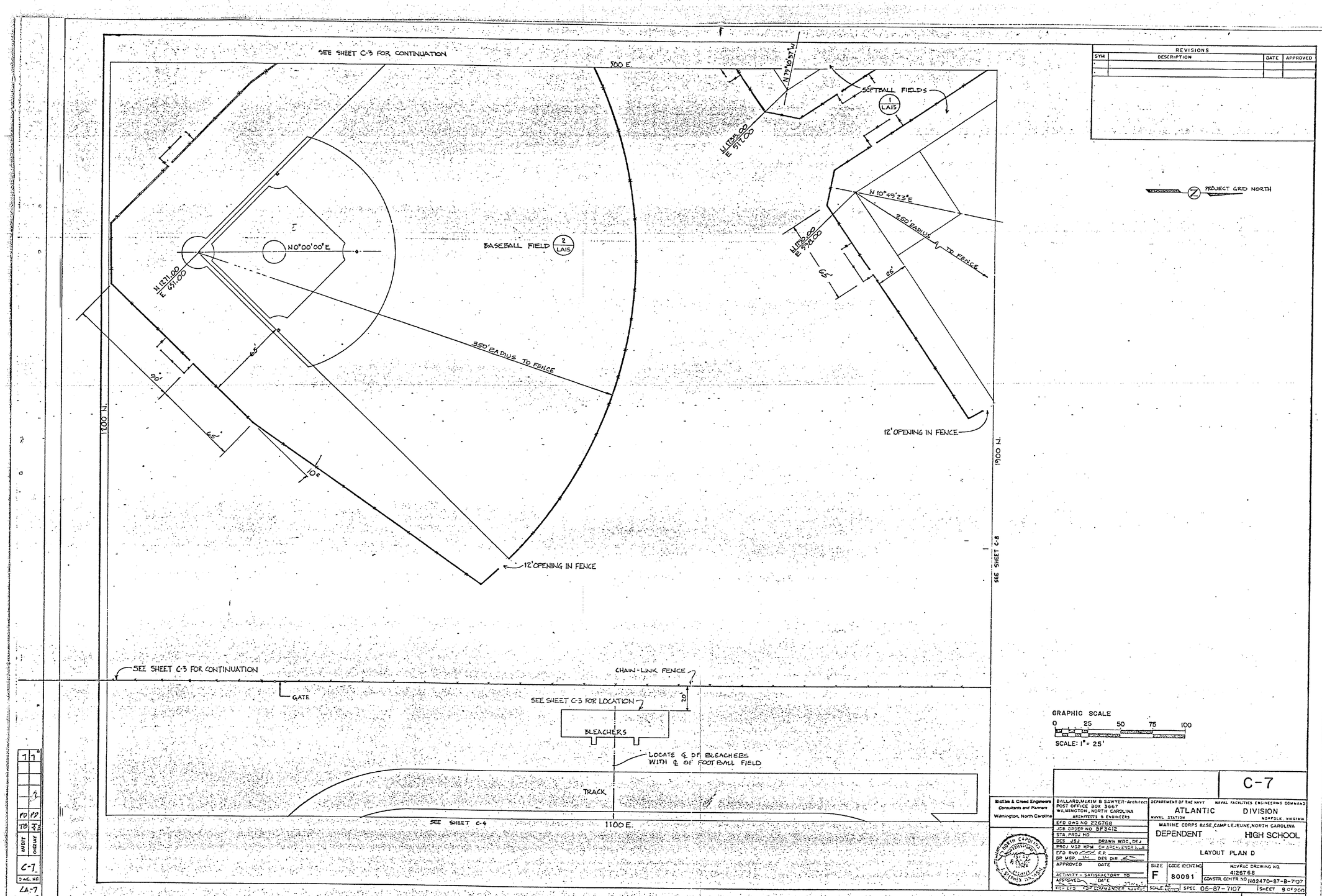
EFD DWG NO 226767
JOB ORDER NO 5F3412
STA. PROJ NO
DES JSJ DRAWN WDC, DEJ
PROJ MGR MPW CH. ARCH. ENGR. LWB
EFD RVD FP
BR MGR LW DES SUR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED / DATE
FOR EFD FOR CHIEF OF NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LAYOUT PLAN C

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126767
CONSTR. CONTR. NO N62470-87-B-7107
SCALE AS | SPEC 05-87-7107 | SHEET 7 OF 200

6	6/5		
12	12/11		
18	18	AUDIT	INITIAL
6-6			
DWG. NO.			



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

C-7

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 226768
JOB ORDER NO 5F3412
STA. PROJ NO
DES JSJ DRAWN WDC, DEJ
PROJ MGR HPM CH ARCH/ENGR
EFD RVD F.P.
BR MGR. DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

LAYOUT PLAN D

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126768
CONSTR. CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 8 OF 200

AUDIT	CHECKLIST
PD	PD
TB	TB

C-7
DWG. NO.
LA-7
C-7
C-15

600 E.

SOFTBALL FIELD

MULTIPURPOSE ATHLETIC FIELD

225'

N 1010.00
E 704.00

360'

20'

PRACTICE FIELD

160'

1900 N.

SEE SHEET C-7

SEE SHEET C-3 FOR CONTINUATION

PROJECT GRID NORTH

SEE SHEET C-9

N 0°00'00" E
164.50'

N 90°00'00" W
164.50'

ROAD 'E'

24'

2690 N.

BITUMINOUS PAVEMENT (A C8 K2c)

20'R

24'

60'

PROPANE STORAGE TANK - SEE SHEET P1

10'R

CURVE #10
Δ = 90°00'00"
R = 164.5'
L = 258.40'

24'-10"

20'

ELECTRICAL SUB STATION

15'

N 90°00'00" W
63.77'

MAINTENANCE EQUIPMENT BUILDING

120'

GATE

TENNIS COURTS

3 / C8 K15

204.0'

146.0'

CONCRETE SIDEWALK

E C8 K3c

1 / C8 M6

50'

6.5'

15'

3'

4'

5'R.

N 90°00'00" W
616.85'

S 90°00'00" W
10'R

ER=27'

30'

4'

N 0°00'00" S
138'

N 90°00'00" E
232.2'

30.43'

2'

SCHOOL BUILDING

RESTROOM FACILITIES

GATE

Z

1200 E.

SEE SHEET C-5

GRAPHIC SCALE
0 25 50 75 100
SCALE: 1" = 25'

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

S	SD
FS	PE
TO	TP
AUDIT	DFS-AU
C-8	
DWG. NO.	

LA-8
C-8

Bickins & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

EFD DWG NO. 2267 65
JOB ORDER NO. 573412
STA. PROJ. NO.
DES. JSJ DRAWN WDC, DEJ
PROJ MGR. MPM CH ARCH. ENGR. WLH
EFD. RVO EP
BR MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED FOR CONVEYANCE NAVFAC

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LAYOUT PLAN E

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO. 4126769
CONSTR CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 9 OF 200

C-8

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

C-9

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 225770
JOB ORDER NO 5F3412
STA. PROJ. NO.
DES. JSJ DRAWN WDC, DEJ
PROJ MGR HPM CH ARCH/ENGR
EFD. RVD F.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LAYOUT PLAN F

SIZE	CODE IDENT NO	NAVFAC DRAWING NO
F	80091	4126770
		CONSTR CONTR NO N62470-87-B-7107
SCALE AS NOTED	SPEC. 05-87-7107	SHEET 10 OF 200

C-9
LA-9
C-17

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

NOTE 'A'
THE PROJECT BENCHMARK IS A SURVEY CONTROL STATION FOR CAMP LEJEUNE (STATION NO. 0089 QUAD 8443). THE STATION IS A STANDARD BRASS DISK STAMPED 'D-6 2d TOPO' SET IN THE TOP OF A CONCRETE MONUMENT THAT IS ONE INCH BELOW GROUND LEVEL.

STORM DRAINAGE LAYOUT

STRUCTURE	COORDINATES NORTH	COORDINATES SOUTH
30" F.E.S.	2955	1778
OUTLET CONTROL STR.	2900	1742
F.E.S. A-1	2715	1622
C.B. A-2	2627.7	1565.4
C.B. A-3	2442	1534.5
C.B. A-4	2325.5	1478.5
C.B. A-5	2251	1467
C.B. A-6	2176	1471.5
C.B. B-1	2677	1444.5
C.B. B-2	2568	1350
C.B. B-3	2468	1350
C.B. C-1	2816	1421
C.B. D-1	2217	1355.7
C.B. D-2	2193	1318
F.E.S. E-1	2580	1038
C.B. E-2	2509.5	1107
F.E.S. F-1	2702	667
C.B. F-2	2400	716
C.B. F-3	2250	716
C.B. F-4	2100	716
C.B. F-5	1722	769
C.B. G-1	2400	896
C.B. G-2	2250	896
C.B. G-3	2033	896
C.B. G-4	1947	1108
C.B. G-5	1947	1280
C.B. G-6	1823	1362
C.B. G-7	1600	1406
C.B. H-1	2250	993
C.B. J-1	1800	967
C.B. K-1	2107	1213.5

GENERAL NOTES:

1. UTILITY CROSSINGS ARE INDICATED WITH A SOLID LINE PASSING THROUGH A BROKEN LINE. THE SOLID LINE REPRESENTS THE UTILITY ABOVE.
2. A MINIMUM OF 1'-0" VERTICAL SEPARATION SHALL BE MAINTAINED WHERE UTILITIES CROSS UNLESS OTHERWISE INDICATED.
3. SEE SHEETS LA 3 THROUGH LA 9 FOR CLEARING AND SEEDING LIMITS.
4. DURING CONSTRUCTION ALL CATCH BASINS SHALL BE PROTECTED FROM SEDIMENTATION - SEE DETAIL E/C22.
5. IMPOUNDMENTS #1 AND #2 SHALL BE UTILIZED AS SEDIMENT BASINS DURING CONSTRUCTION.
6. EROSION CONTROL AND SEDIMENTATION MEASURES SHALL BE MAINTAINED DURING CONSTRUCTION.
7. SEE SHEET P-14 FOR BUILDING ROOF DRAINAGE PIPING.
8. UPON COMPLETION OF CONSTRUCTION, CLEAR IMPOUNDMENTS OF ALL SEDIMENT DEPOSITS TO THE GRADES SHOWN.
9. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS SHOWN ON SHEET C-22.
10. STORM DRAIN PROFILES SHOWN ON SHEETS C-23, C-24 AND C-25.
11. EROSION CONTROL DETAILS SHOWN ON SHEET C-22.

GRAPHIC SCALE
0 100 200 300
SCALE: 1" = 100'

C-10

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

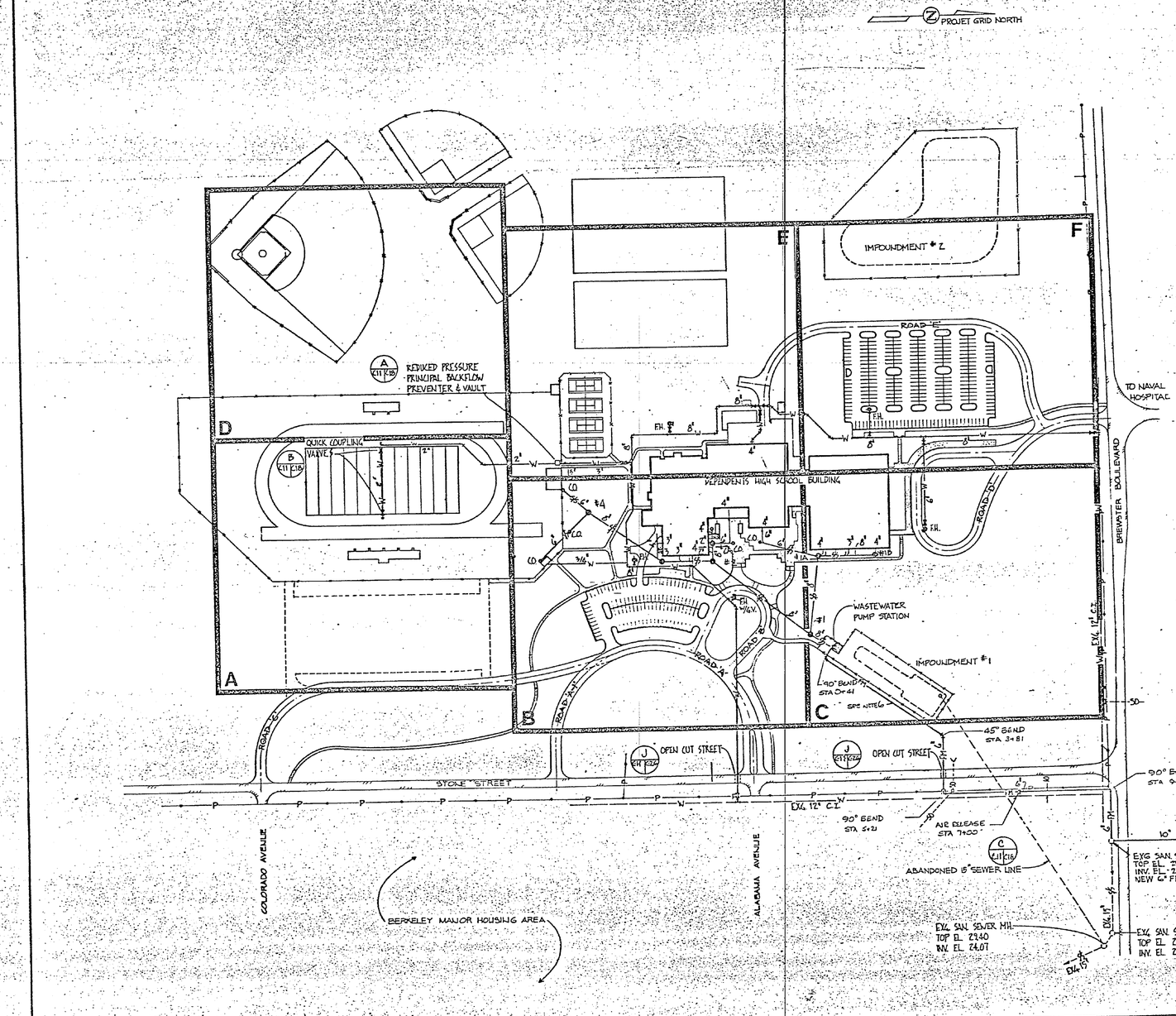
EFD DWG NO 226771
JOB ORDER NO 5F3412
STA. PROJ. NO.
DES JSJ DRAWN WDC, DEJ
PROJ MGR HPM CH ARCH-ENGR LLB
EFD. RVO F.P.
BR. MGR. DES DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
GENERAL GRADING AND
STORM DRAINAGE PLAN

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO. 4125771
CONSTR CONTR NO N62470-87-B-7107
SCALE: AS NOTED | SPEC. 05-87-7107 | SHEET 11 OF 200

10 10
1P TP
SP SP
TB TB
AUDIT OVERLAY
C-10
DWG. NO
C-1
C-3
C-10

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



SANITARY SEWER LAYOUT

STRUCTURE	COORDINATES NORTH	COORDINATES SOUTH
M.H. #1	2611	1576.5
M.H. #1A	2635	1397
M.H. #1B	2770	1397
M.H. #2	2380.7	1401.7
M.H. #2A	2380.7	1362.7
M.H. #3	2261.3	1401.7
M.H. #4	2088.3	1277.2

GENERAL NOTES:

1. UTILITY CROSSINGS ARE INDICATED WITH A SOLID LINE PASSING THROUGH A BROKEN LINE. THE SOLID LINE REPRESENTS THE UTILITY ABOVE.
2. A MINIMUM OF 1'-0" VERTICAL SEPARATION SHALL BE MAINTAINED WHERE UTILITIES CROSS UNLESS OTHERWISE INDICATED.
3. MAINTAIN A MINIMUM VERTICAL SEPARATION OF 18" OR A MINIMUM HORIZONTAL SEPARATION OF 10' BETWEEN WATER AND SANITARY SEWER LINES.
4. A MINIMUM OF 30" GROUND COVER SHALL BE MAINTAINED OVER WATER LINES AND SANITARY SEWER. FORCE MAIN.
5. SEE DETAILS OF WATER AND SEWER APPURTENANCES ON SHEET C-18.
6. SEE SHEET C-20 FOR FORCE MAIN PROFILE.

GRAPHIC SCALE
0 100 200 300
SCALE: 1" = 100'

C-11

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

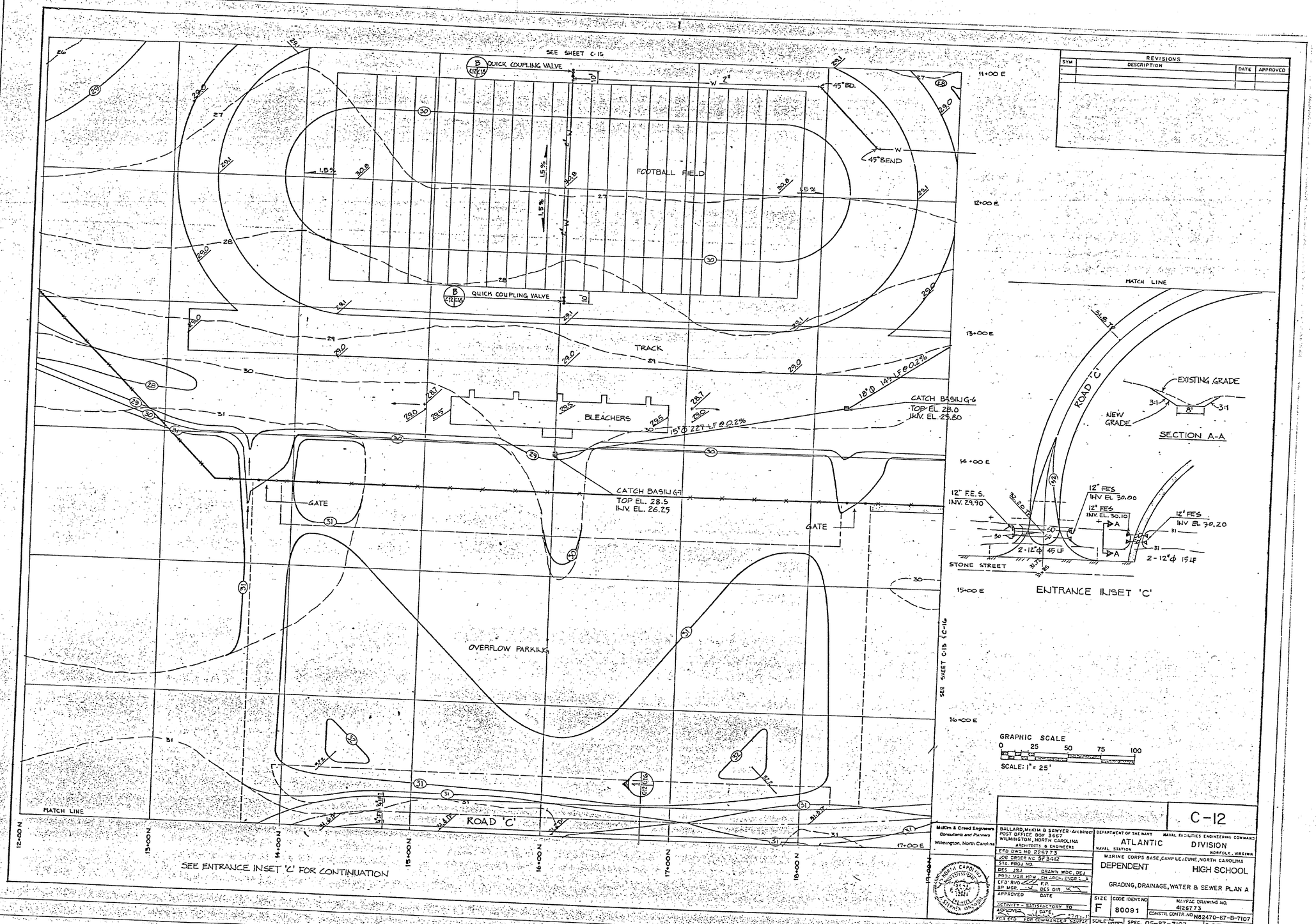
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 226772
JOB ORDER NO SF 3412
STA. PROJ NO.
DES JSJ DRAWN WDC, DEJ
PROJ MGR HPM CH. ARCH/ENGR. JLH
EFD. RVD F.P.
BR MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR CFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
GENERAL WATER & SEWER LAYOUT

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO. 4126772
CONSTR. CONTR. NO N82470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 12 OF 200



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

C-12

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
GRADING, DRAINAGE, WATER & SEWER PLAN A

EFD DWG NO 226773	
JOB ORDER NO SF3412	
STA. PROJ NO.	
DES JSJ	DRAWN WDC, DEJ
PROJ MGR HPM	CH ARCH. ENGR
EFD RVD	F.P.
BR MGR	DES DIR
APPROVED	DATE
ACTIVITY - SATISFACTORY TO	
APPROVED	DATE
FOR EFD	FOR COMMANDER NAVFAC

SIZE	CODE IDENT NO	NAVFAC DRAWING NO.
F	80091	4126773
		CONSTR. CONTR. NO N82470-67-B-7107
SCALE AS NOTED	SPEC. 05-87-7107	SHEET 13 OF 200

AUDIT	ENDLAY
12	12
TA	TA
PA	PA
TB	TB

C-12
DWG. NO.
LA-1
C-4
C-12

SEE SHEET C-17

SCHOOL BUILDING
FINISHED FLOOR ELEVATION = 30.00
SEE SHEET P-5 & P-6 FOR BUILDING PLUMBING
SEE SHEET P-14 FOR BUILDING DRAINAGE

4' RD

8"x4" RED.

8"x6" RED.

10"x8" RED.

4" @ 92 LF @ 1.1%

4" @ 40 LF @ 1.0%

4" @ 60 LF @ 1.0%

4" @ 70 LF @ 1.0%

4" @ 1% MIN.

4" @ 1% MIN.

4" @ 1% MIN.

10 LF @ 1.1%

INV. 24.43

INV. 27.38

8" @ 135 LF @ 1.61%

12" ⌀ 141 LF @ 1.0%

6" GATE VALVE W/ BOX

FIRE HYDRANT

4' SHOULDER

TRIANGULAR SLOPE 3:1 SIDE SLOPES

MANHOLE C-1
TOP EL. 28.40
INV. EL. 24.94

SANITARY SEWER MANHOLE #1B
TOP EL. 29.40
INV. EL. 25.00

CATCH BASIN B-1
TOP EL. 27.10
24" INV. EL. 23.33
18" INV. EL. 24.23
8" INV. EL. 27.3

SANITARY SEWER MH #1
TOP EL. 29.0
INV. EL. 20.66

SANITARY SEWER MANHOLE #1A
TOP EL. 29.40
INV. EL. 22.83

CATCH BASIN A-2
TOP EL. 27.00
INV. EL. 22.87

30" F.E.S. A-1
INV. EL. 22.22

ACCESS DRIVE

6' FENCE

IMPOUNDMENT #1

EROSION CONTROL DITCH

WASTEWATER PUMP STATION
SEE DETAILS SHEET C-19

ELBOW

BERM

OUTLET CONTROL STRUCTURE
INV. EL. 21.25

FOR CONT OF FM, SEE SHT. C-11

50 SQ YD RIP RAP OUTLET PROTECTION 12" THICK

30" F.E.S.
INV. EL. 21.00

N 2806.57
E 1797.94

SEE SHEET C-13

12+00 E

13+00 E

14+00 E

15+00 E

16+00 E

17+00 E

18+00 E

N 29+00

N 28+00

N 27+00

N 26+00

N 30+00

N 31+00

N 32+00

PROJECT GRID NORTH

FENCE

FENCE

EROSION CONTROL DITCH

SECTION 1 (C14/C14)

PROVIDE BIODEGRADABLE EROSION CONTROL FABRIC

FENCE

FENCE

5' MIN.

EROSION CONTROL DITCH

ACCESS DRIVE

SECTION 2 (C14/C14)

IMPOUNDMENT NO. 1 CROSS-SECTIONS

SCALE HORIZ. 1" = 25'
VERT. 1" = 4'

GRAPHIC SCALE
0 25 50 75 100
SCALE: 1" = 25'

0 4 8
SCALE 1" = 4'

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

C-14

Baskerville & Crowell Engineers
Consultants and Planners
Wilmington, North Carolina

BELLARD, MCKIM & SAWYER - Architects
POST OFFICE DRAWER 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

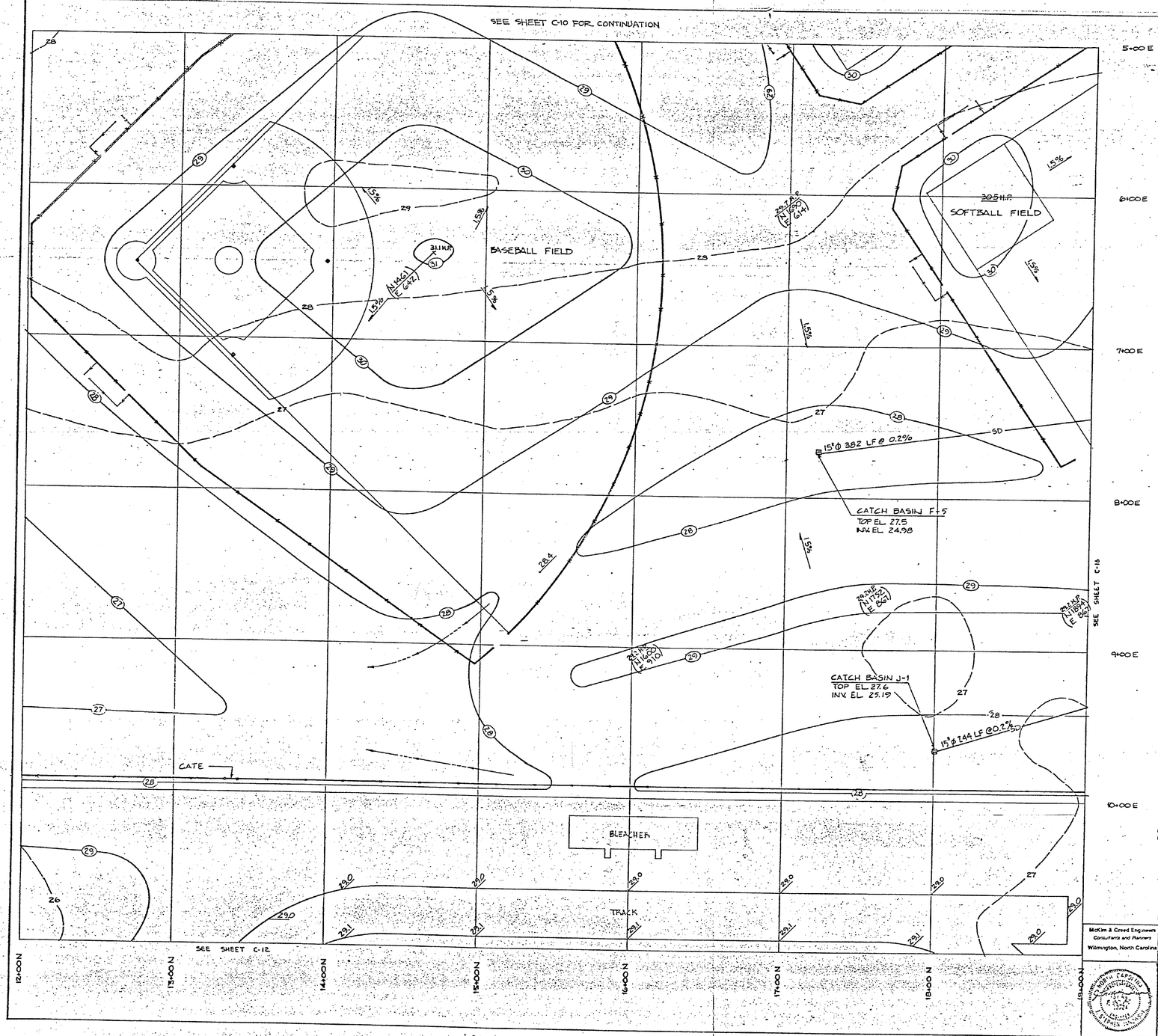
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

EFD DWG NO. 226774
JOB ORDER NO. 5F3412
STR. REQ'D NO.
DES. JSJ DRAWN WDC, BEJ
PROJ. MGR. NPW CH. MECH./CONST. MGR.
EFD RVD. FOR
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
TYPE EXP. DWG. NO. REVISED NO. EXP.

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
GRADING, DRAINAGE, WATER & SEWER PLAN C

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126775
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS shown | SPEC 05-87-7107 | SHEET 15 OF 200

14 | 14
TC | TC
TOP | TC
AS-BUILT | CHECKED
C-14
DWG. NO.
E-6
LA-6
C-14



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

GRAPHIC SCALE
0 25' 50' 75' 100'
SCALE: 1" = 25'

C-15

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 226776
JOB ORDER NO SF3412
STA. PROJ. NO.
DES. JSJ DRAWN WDC, DEJ
PROJ MGR HPM CH ARCH/ENGR
EFD RVD F.P.
BR MGR. DES DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

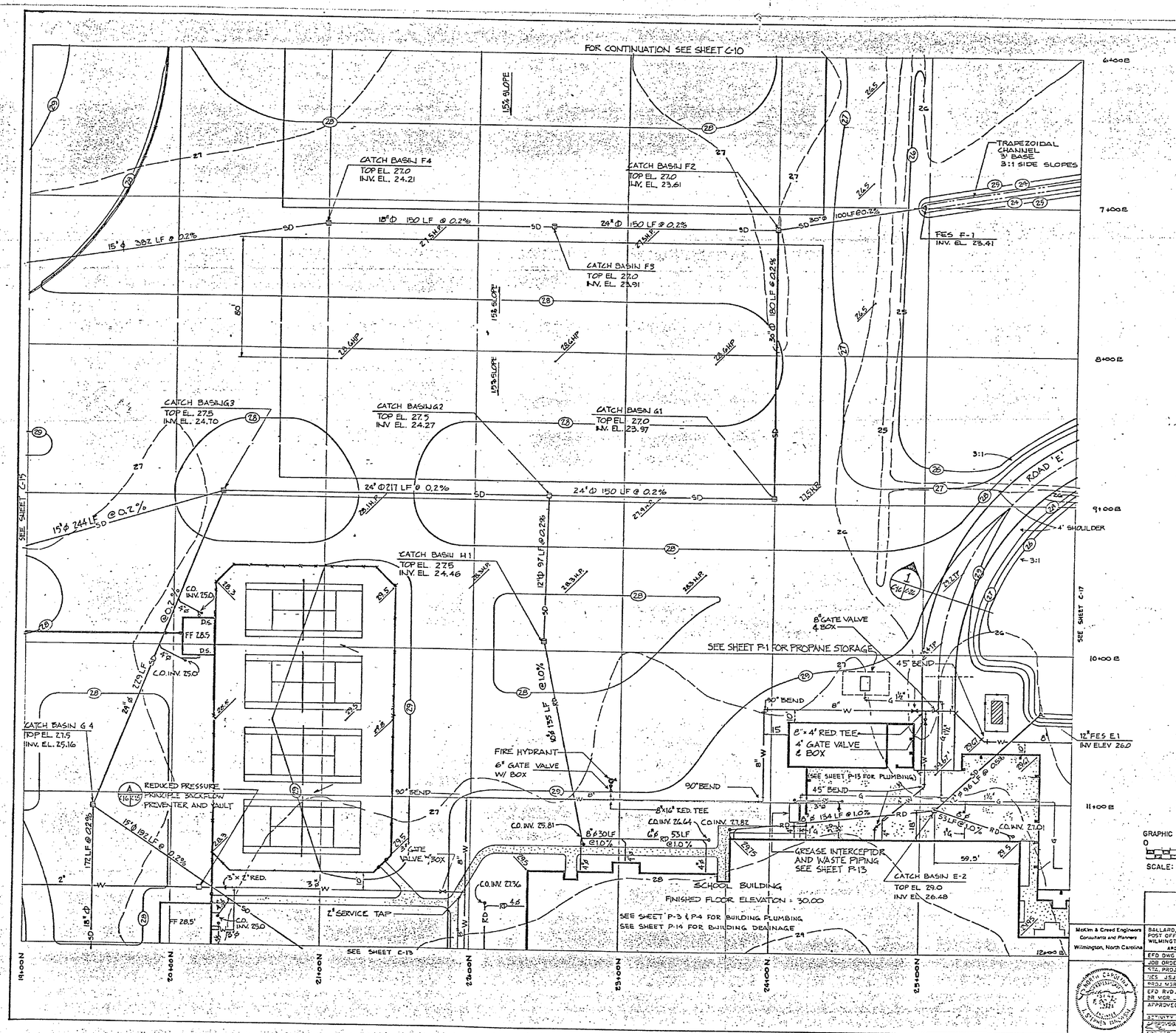
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
GRADING, DRAINAGE, WATER & SEWER PLAN D

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126776
CONSTR. CONTR. NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 16 OF 200

AUDIT	INDEX
15	15
TD	TD
PD	PD
TB	TB

C-15
DWG. NO.
C-7
C-15



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

C-16

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

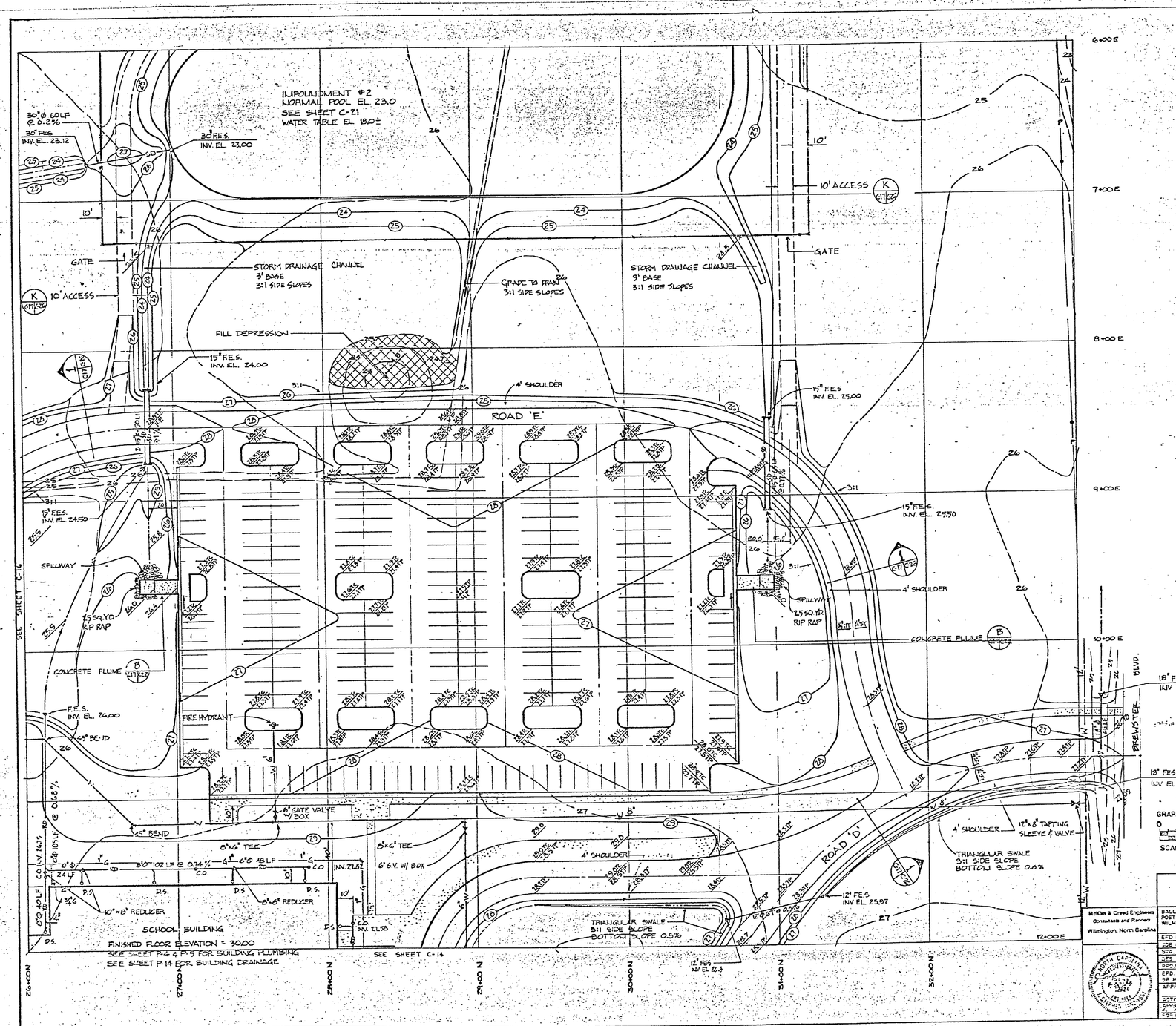
EFD DWG NO. 226777
JOB ORDER NO. 5F 3412
STA. PROJ NO
NCS JSJ DRAWN WDC, DEJ
PROJ MGR HPM CH ARCH. ENGR C.L.N
EFD RVD F.P.
BR MGR DES DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

GRADING, DRAINAGE, WATER & SEWER PLAN E

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO. 4126777
CONSTR. CONTR. NO N82470-87-B-7107
SCALE 1" = 25' | SPEC. 05-87-7107 | SHEET 17 OF 200



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

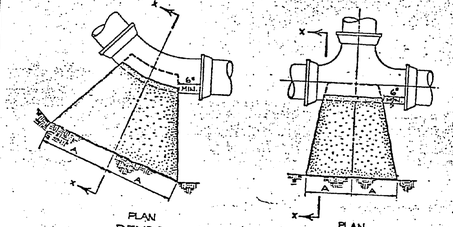
EFD DWG NO 226778
JOB ORDER NO 5F3412
STA. PROJ. NO
DES. JSJ DRAWN WDC, DEJ
PROJ MGR HPM CH ARCHITENSR WLR
EFD RVD F.P.
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
GRADING, DRAINAGE, WATER & SEWER PLAN F

SIZE	CODE IDENT NO	NAVFAC DRAWING NO
F	80091	4126778
		CONSTR CONTR NO N82470-87-B-7107
SCALE AS NOTED	SPEC 05-87-7107	SHEET 18 OF 200

C-17

C-17
LA-9
C-17



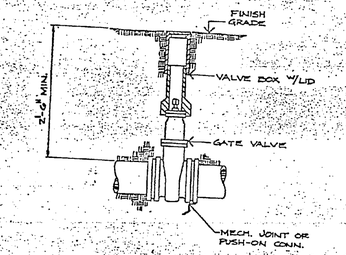
BENDS & TEES

SIZE	30° BENDS A	30° BENDS B	45° BENDS A	45° BENDS B	22½° BENDS A	22½° BENDS B	TEES A	TEES B	PLUGS C	PLUGS D
6"	10'	10'	9'	10'	6'	8'	10'	12'	10"	21"
8"	23'	13'	12'	15'	8'	10'	15'	16'	12"	29"

NOTE: BASED ON 100 PSI STATIC PRESSURE PLUS A.W.W.A. WATER HAMMER.
ALL BEARING SURFACES TO BE CARRIED TO UNDISTURBED GROUND.

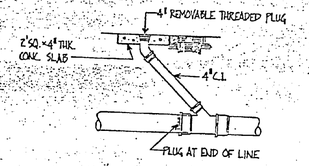
THRUST BLOCKING FOR WATER MAINS AND FORCE MAINS

NOT TO SCALE



GATE VALVE DETAIL

NOT TO SCALE



CLEANOUT DETAIL

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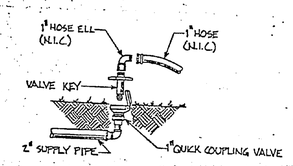
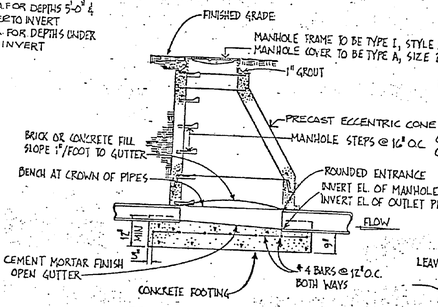


QUICK COUPLING VALVE DETAIL

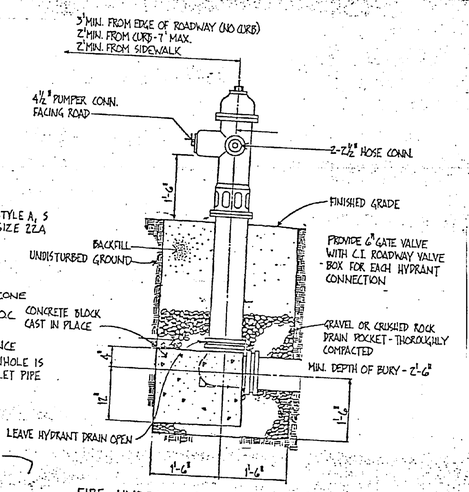
NOT TO SCALE

B C11 C18 C17

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

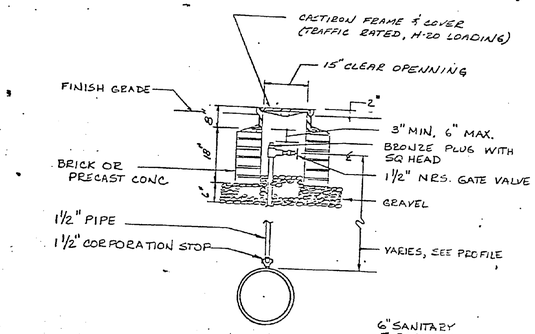


PRECAST MANHOLE



FIRE HYDRANT DETAIL

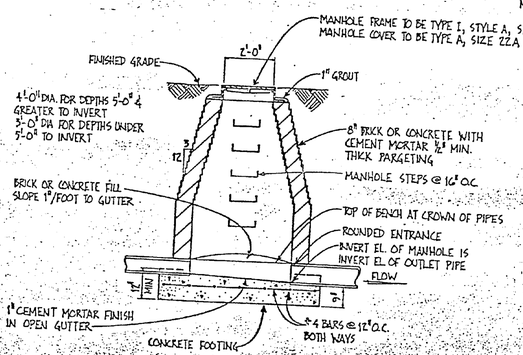
NOT TO SCALE



AIR RELEASE

N.T.S.

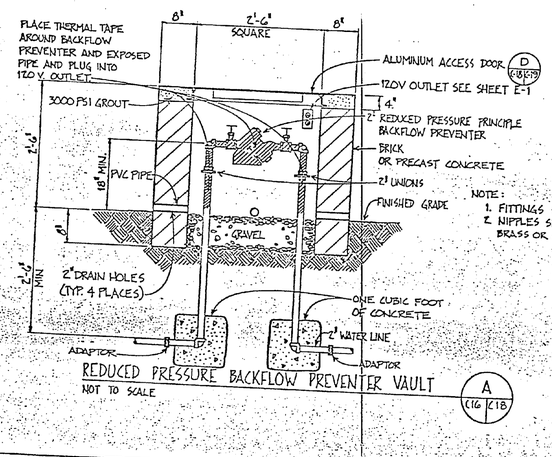
C C11 C18 C20



BRICK OR CONCRETE BLOCK MANHOLE

STANDARD MANHOLE

NOT TO SCALE



REDUCED PRESSURE BACKFLOW PREVENTER VAULT

NOT TO SCALE

A C16 C18

18	18		
TB	T		
AS-BUILT	PRESENT		

C-18

DWG. NO.

McKim & Creed Engineers Consultants and Planners Wilmington, North Carolina

BALLARD, McKIM & SAWYER-Architect POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS

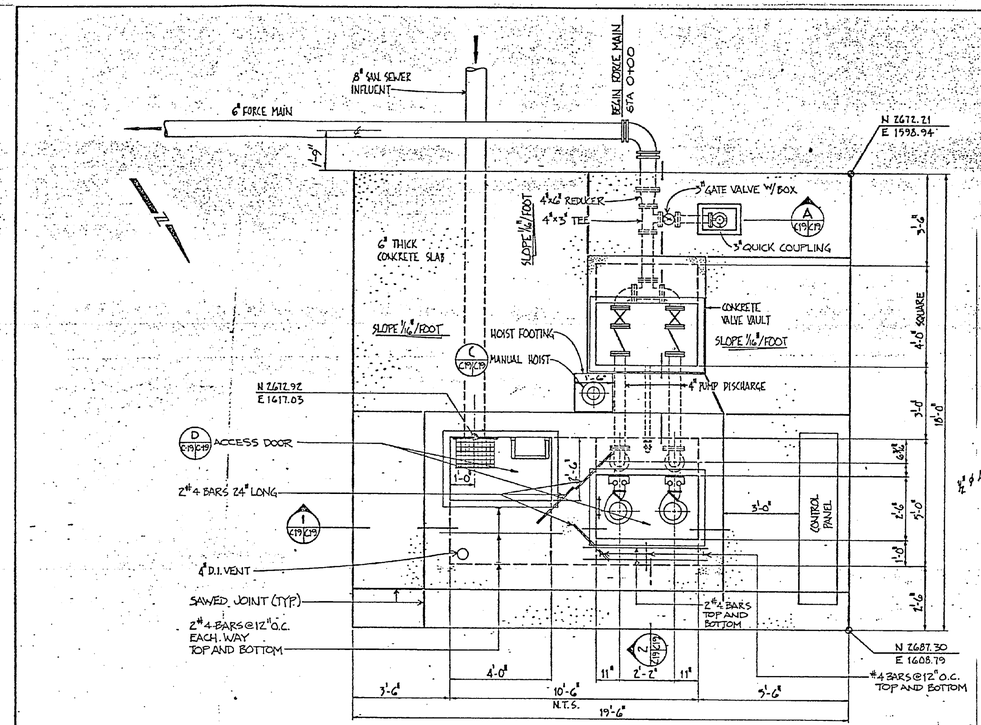
EFD DWG NO. 236779
JOB ORDER NO. 5F3412
EFD PROJ NO.
DES. RSV'D
DRAWN WDC DET
PROJ MGR MPM CH. ARCH./ENGR.
EFD RVW FP
BR MGR DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR CO FOR COMMANDER, NAVFAC

C-18

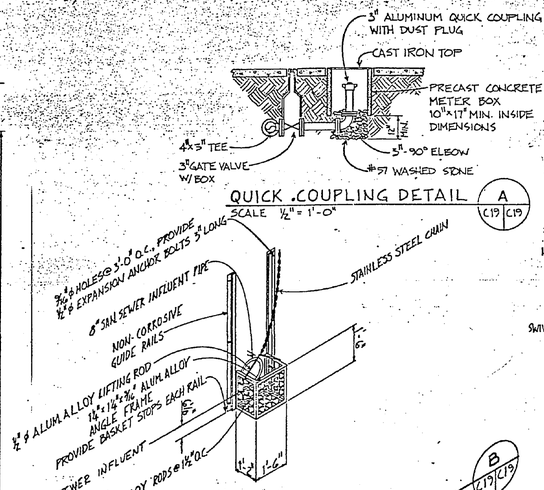
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
WATER & SEWER DETAILS

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4125779
CONSTR. CONTR. NO. N32470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 19 OF 22

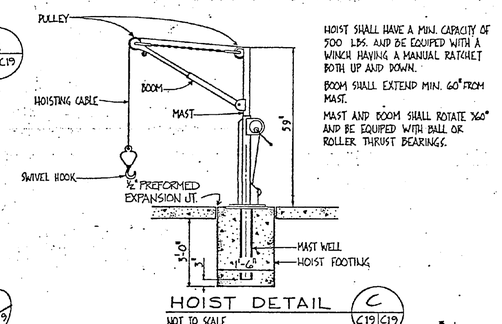
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



PLAN

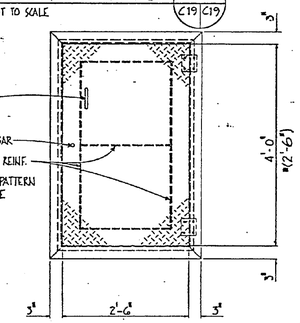


QUICK COUPLING DETAIL A (C19 | C19)
SCALE 1/2" = 1'-0"



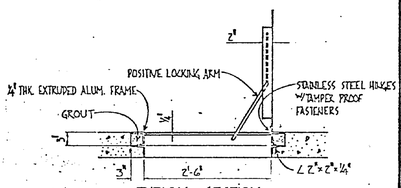
HOIST DETAIL C (C19 | C19)
NOT TO SCALE

BASKET SCREEN DETAIL B (C19 | C19)
NOT TO SCALE



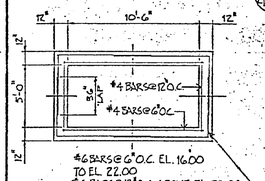
PLAN

NOTE: * FOR REDUCED PRESSURE BACKFLOW PREVENTER VAULT



TYPICAL SECTION

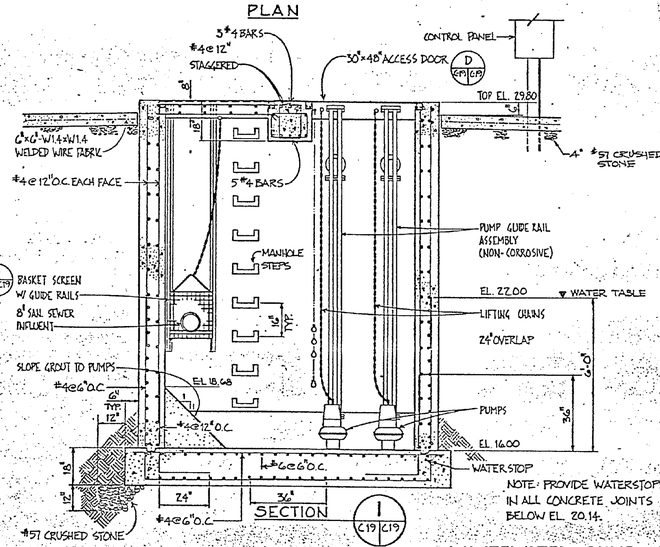
ACCESS DOOR DETAIL D (C19 | C19)
SCALE 1" = 1'-0"
C18



PLAN

WALL REINFORCING DETAIL
NOT TO SCALE

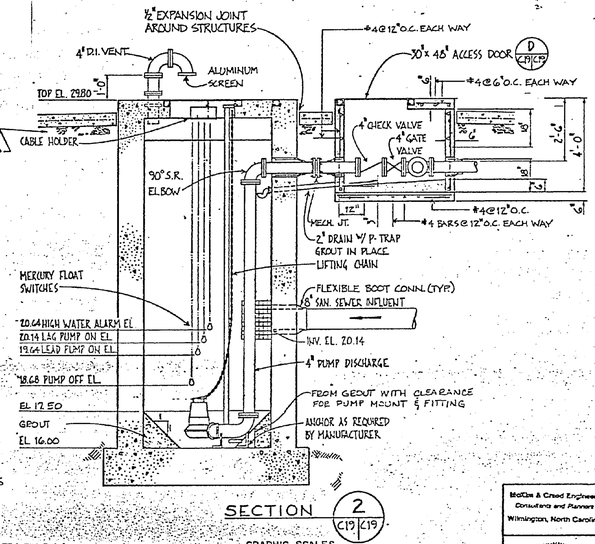
PLAN



NOTE: PROVIDE WATERSTOPS IN ALL CONCRETE JOINTS BELOW EL. 20.14.

SECTION 1 (C19 | C19)

WASTEWATER PUMP STATION
SCALE 1/2" = 1'-0"



SECTION 2 (C19 | C19)

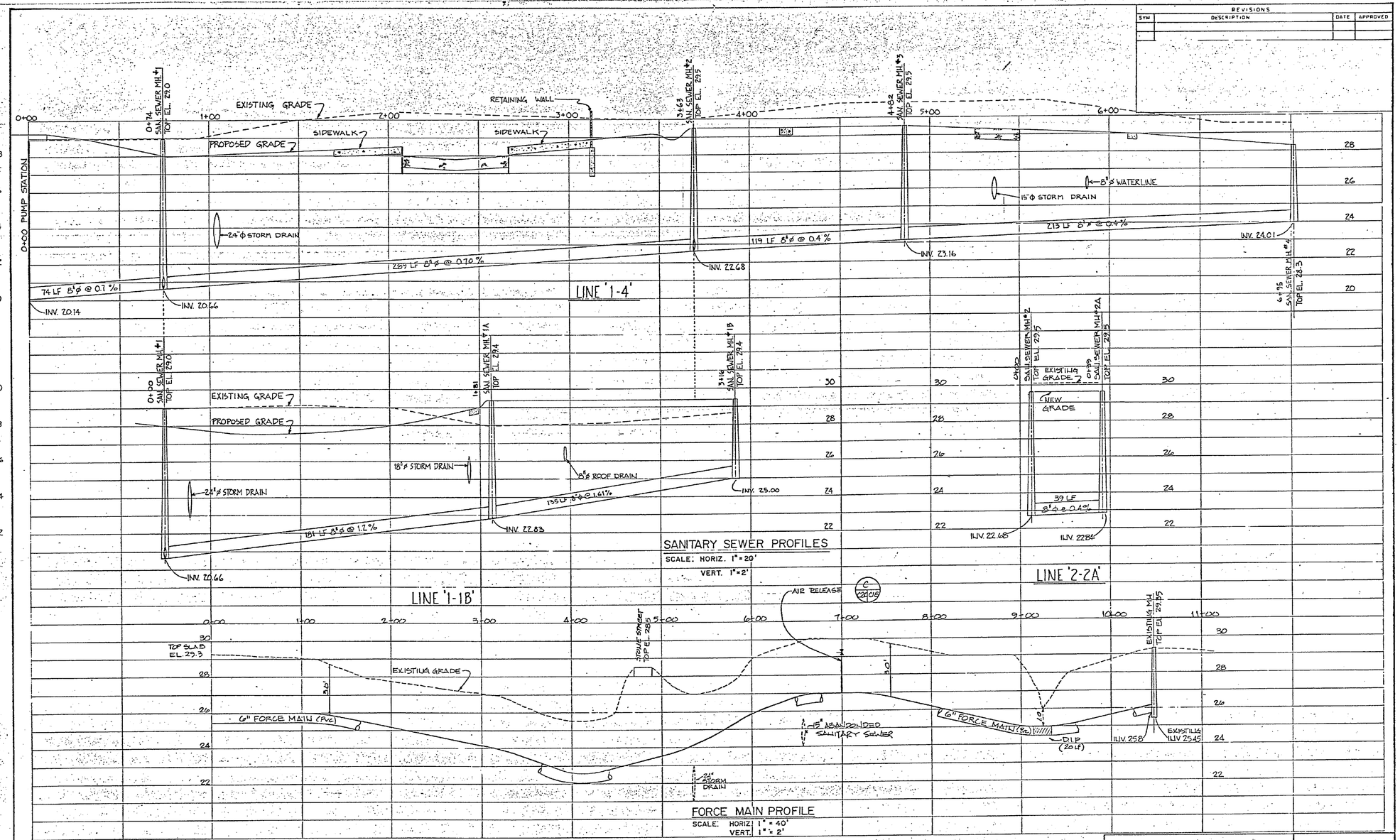
GRAPHIC SCALES

SCALE 1/2"=1'-0"

SCALE 1"=1'-0"

C-19

McGee & Creed Engineers Consultants and Planners Wilmington, North Carolina	SALLARD, McKIM & SAWYER Architect POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS
DES. JSJ | DR WDC | CHK. W.A.H	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA
PROJ. MGR. MPM | CH. ENG. W.A.H	DEPENDENT HIGH SCHOOL
SUBMITTED BY: DATE:	WASTE WATER PUMP STATION & DETAILS
FIRM MEMBER PRINCIPAL	SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126780
EFD: FP NVD	CONSTR. CONTR. NO. N62470-87-B-7107
HD AH DIR	SCALE AS NOTED | SPEC. 05-87-7107 | SHEET 20 OF 200
APPROVED DATE	EFD DWG. NO. 226780
ACTIVITY - SATISFACTORY TO	
APPROVED DATE FOR CO FOR COMMANDER NAVFAC	



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

NORTH CAROLINA PROFESSIONAL SEAL 12324 ENGINEER SEVERIN JANSSON

BALLARD, McKIM & SAWYER Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 272781
JOB ORDER NO
STA PROJ NO
DES JSJ DRAWN JDC DEJ
PROJ MGR CH ARCH. ENGR
EFD RVD FP
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

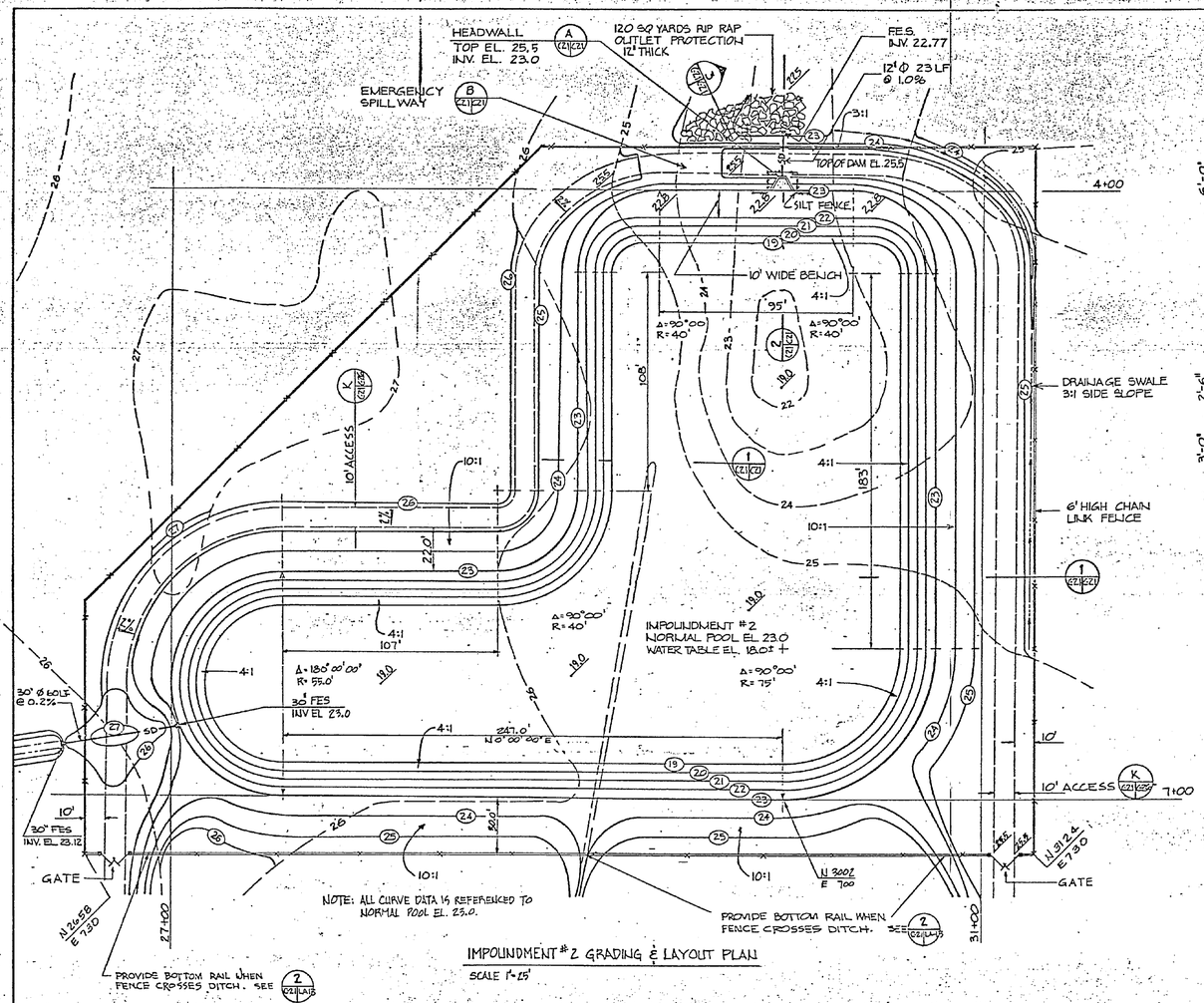
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT SCHOOL- HIGH SCHOOL

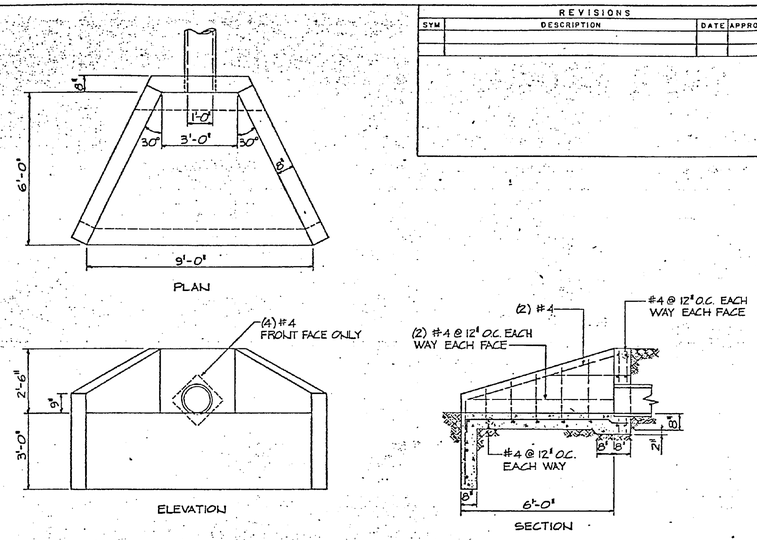
SANITARY SEWER PROFILES

SIZE	CODE IDENT NO	NAVFAC DRAWING NO
F	80091	412781
		CONSTR CONTR NO N62470-87-B-7107
SCALE AS NOTED	SPEC 05-87-7107	SHEET 21 OF 200

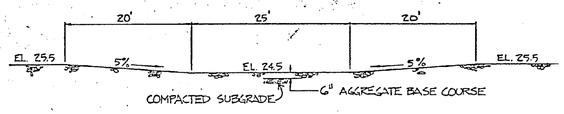
C-20

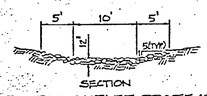


IMPOUNDMENT #2 GRADING & LAYOUT PLAN
SCALE 1"=25'



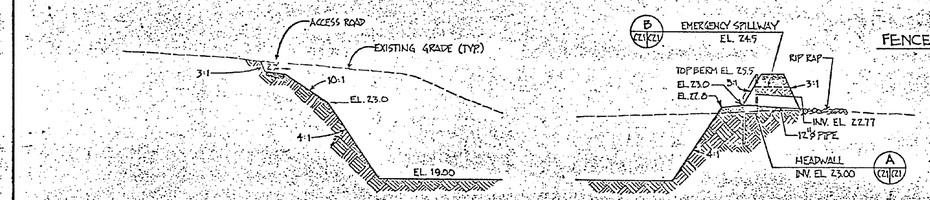
REINFORCED CONCRETE HEADWALL A
½"=1'-0"





RIP RAP OUTLET PROTECTION 3
⅛"=1'-0"

EMERGENCY SPILLWAY B
⅛"=1'-0"



SECTION 1
SECTION 2

IMPOUNDMENT NO. 2 CROSS-SECTIONS
SCALE HORIZ. 1"=25'
VERT. 1"=4'

GRAPHIC SCALES
SCALE: 1"=25'
SCALE: 1/4"=1'-0"
SCALE: 1/2"=1'-0"

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

C-21

McKim & Creed Engineers Consultants and Planners
Wilmington, North Carolina

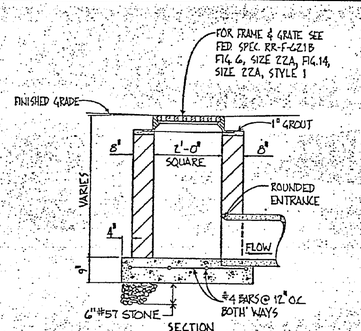
BALLARD, McKIM & SAWYER Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

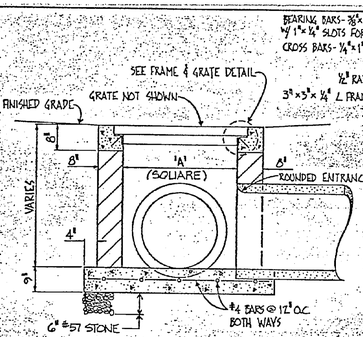
DES JSJ | DR WDC | CHK. LJ
PROJ MGR. HPM | CH. ENG.
SUBMITTED BY: | DATE
FIRM MEMBER | PRINCIPAL
EFD. FP | RVD
HD | DIR
APPROVED | DATE
ACTIVITY-SATISFACTORY TO
APPROVED | DATE
FOR EFD FOR COMMANDER NAVFAC

DEPENDENT HIGH SCHOOL
IMPOUNDMENT #2

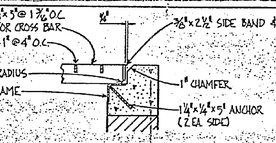
SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126782
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 22 OF 200
EFD DWG. NO. 226782



STANDARD CATCH BASIN
NOT TO SCALE

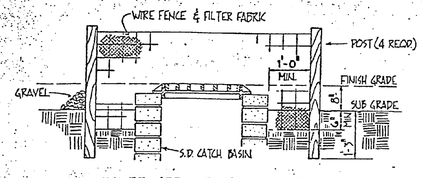


SHALLOW CATCH BASIN (A)
SCALE 3/4" = 1'-0"
C12, 14, 15, 16 | C13 | C22



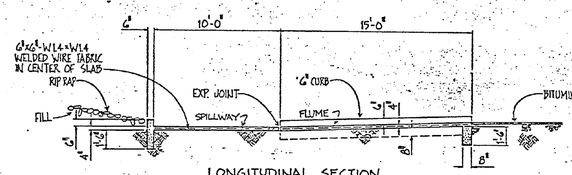
FRAME & GRATE DETAIL
NOT TO SCALE

NOTE: DIMENSION 'A' SHALL BE 3'-0" FOR CB A-3, G-1, G-2, G-3, G-4, F-2, F-3, F-5, G-4, G-7 & J-1
DIMENSION 'A' SHALL BE 4'-0" FOR CB A-2 & B-1

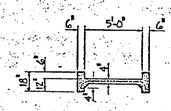


INLET SEDIMENTATION CONTROL
N.T.S.

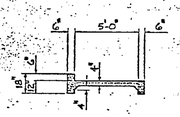
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



LONGITUDINAL SECTION

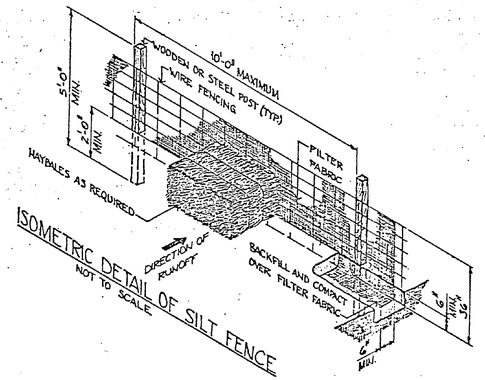


SECTION THRU FLUME

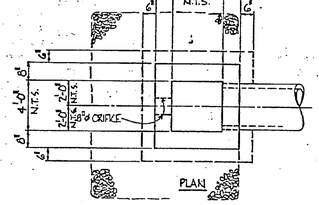


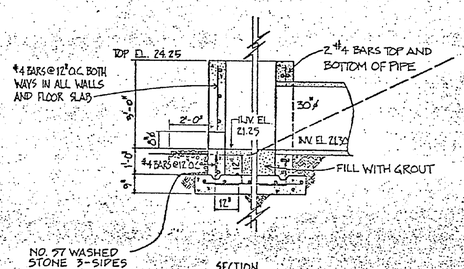
SECTION THRU SPILLWAY

STORM DRAINAGE FLUME (B)
SCALE 1/4" = 1'-0"
C-17 | C22



ISOMETRIC DETAIL OF SILT FENCE
NOT TO SCALE





SECTION

OUTLET CONTROL STRUCTURE (D)
SCALE 1/2" = 1'-0"
C-14 | C22

GRAPHIC SCALES
0 3 6 9 12
SCALE: 1/4" = 1'-0"
0 1 2 3 4 5
SCALE: 1/2" = 1'-0"

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DES JSJ | DR WDC | CHK WLU
PROJ MGR HPM | CH ENG WLU
SUBMITTED BY: DATE:
FIRM MEMBER: PRINCIPAL
EFD: FP RVD:
ND 111 DIR:
APPROVED: DATE:
ACTIVITY - SATISFACTORY TO
APPROVED: DATE: 4 Dec 86
FOR EFD FOR COMMANDER NAVFAC

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1221

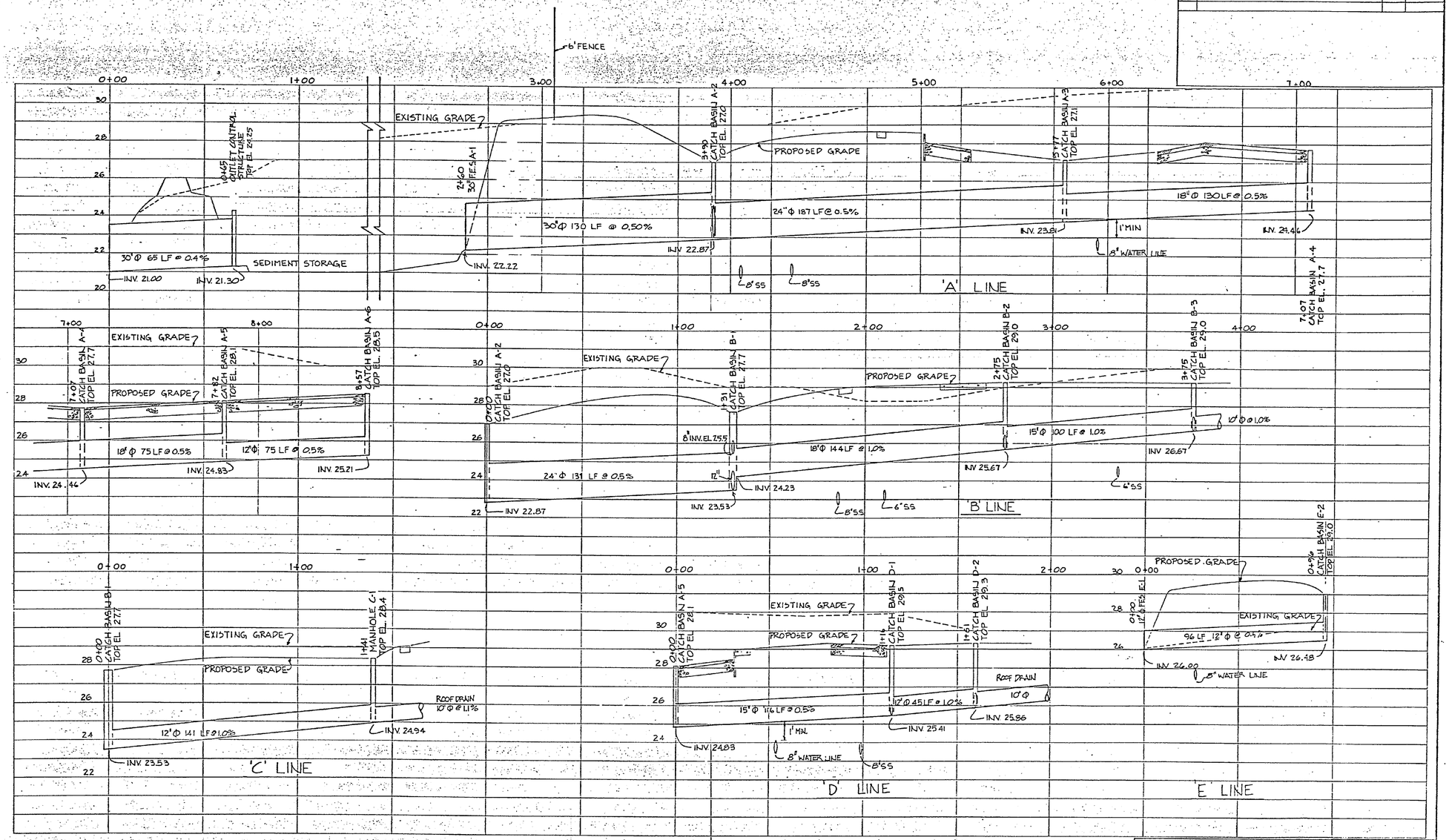
C-22

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

DEPENDENT HIGH SCHOOL

STORM DRAINAGE DETAILS

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126783
CONTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 23 OF 200
EFD SPEC NO 226783



STORM DRAINAGE PROFILES

SCALE: HORIZ 1" = 20'
VERT 1" = 2'

GRAPHIC SCALES
VERTICAL SCALE
0 2 4 6
SCALE: 1" = 2'
HORIZONTAL SCALE
0 20 40 60
SCALE: 1" = 20'

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

C-23

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

SALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO. 226784
JOB ORDER NO. 5F3412
TA. PROJ. NO.
DES. JSJ DRAWN WDC, DEJ
PROJ MGR HPM CH. ARCH. ENGR. LLR
FD. RVD. F.P.
HR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
APPROVED FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

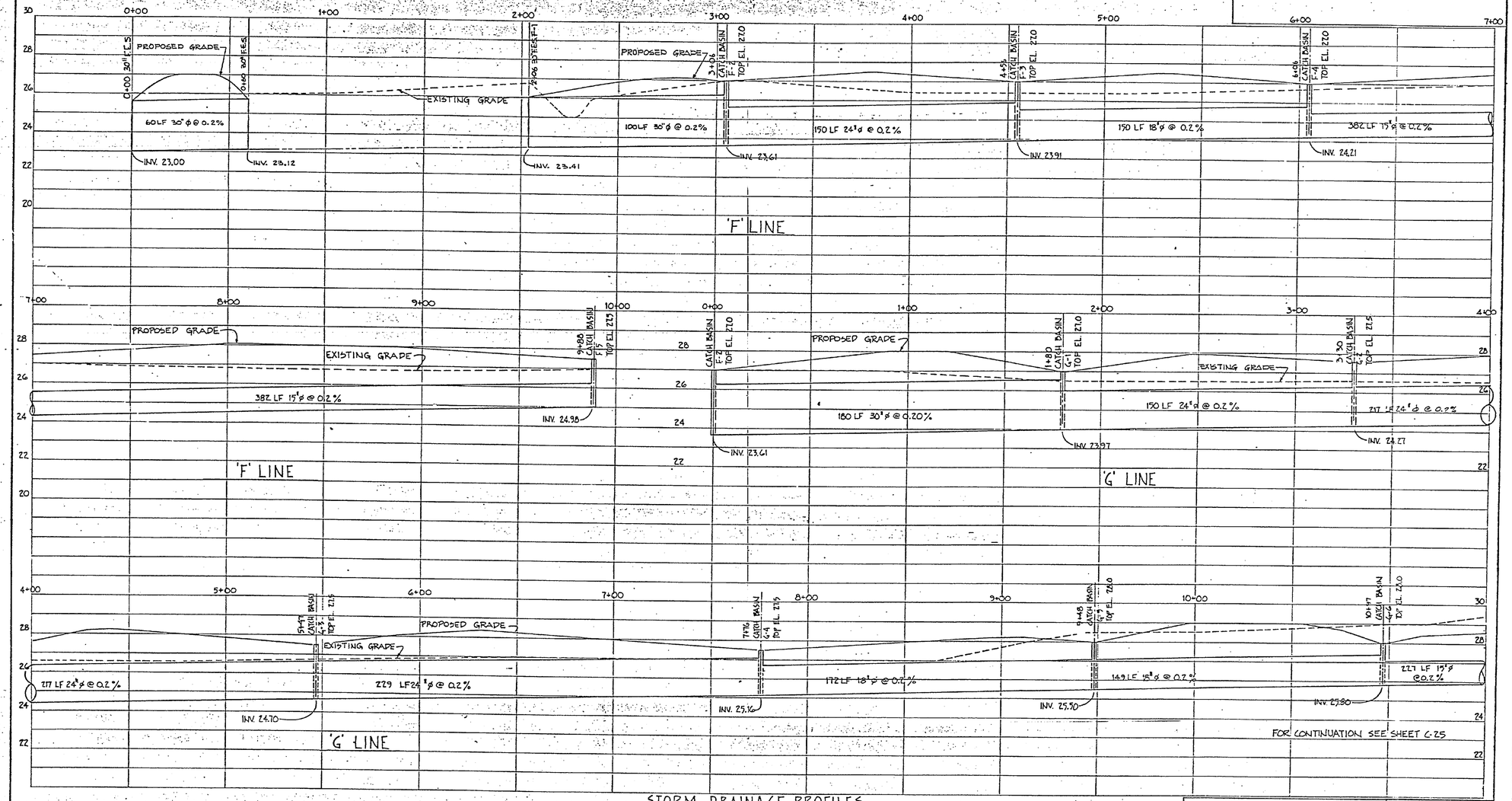
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

STORM DRAINAGE PROFILES

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4126784
		CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED	SPEC 06-87-7107	SHEET 24 OF 200

23 23
PP PP
TB TB
C-23
DWG. NO.
C-20
C-23

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



STORM DRAINAGE PROFILES

SCALE: HORIZ. 1" = 20'
VERT. 1" = 2'

GRAPHIC SCALES

VERTICAL SCALE
0 2 4 6
SCALE: 1" = 2'

HORIZONTAL SCALE
0 20 40 60
SCALE: 1" = 20'

C-24

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BELLAPD, MCKIM & SAWYER-ARCHITECTS
POST OFFICE BOX 3667
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ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
STORM DRAINAGE PROFILES

EFD DWG NO 2367d5
JOB ORDER NO 5F3412
CTO REQ NO
DES JSJ DRAWN WDC, DFJ
PROJ MGR NPM CH. ARCHITECT OR ENGR
EFD PROJ MGR F.P.
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR BPC USE ONLY

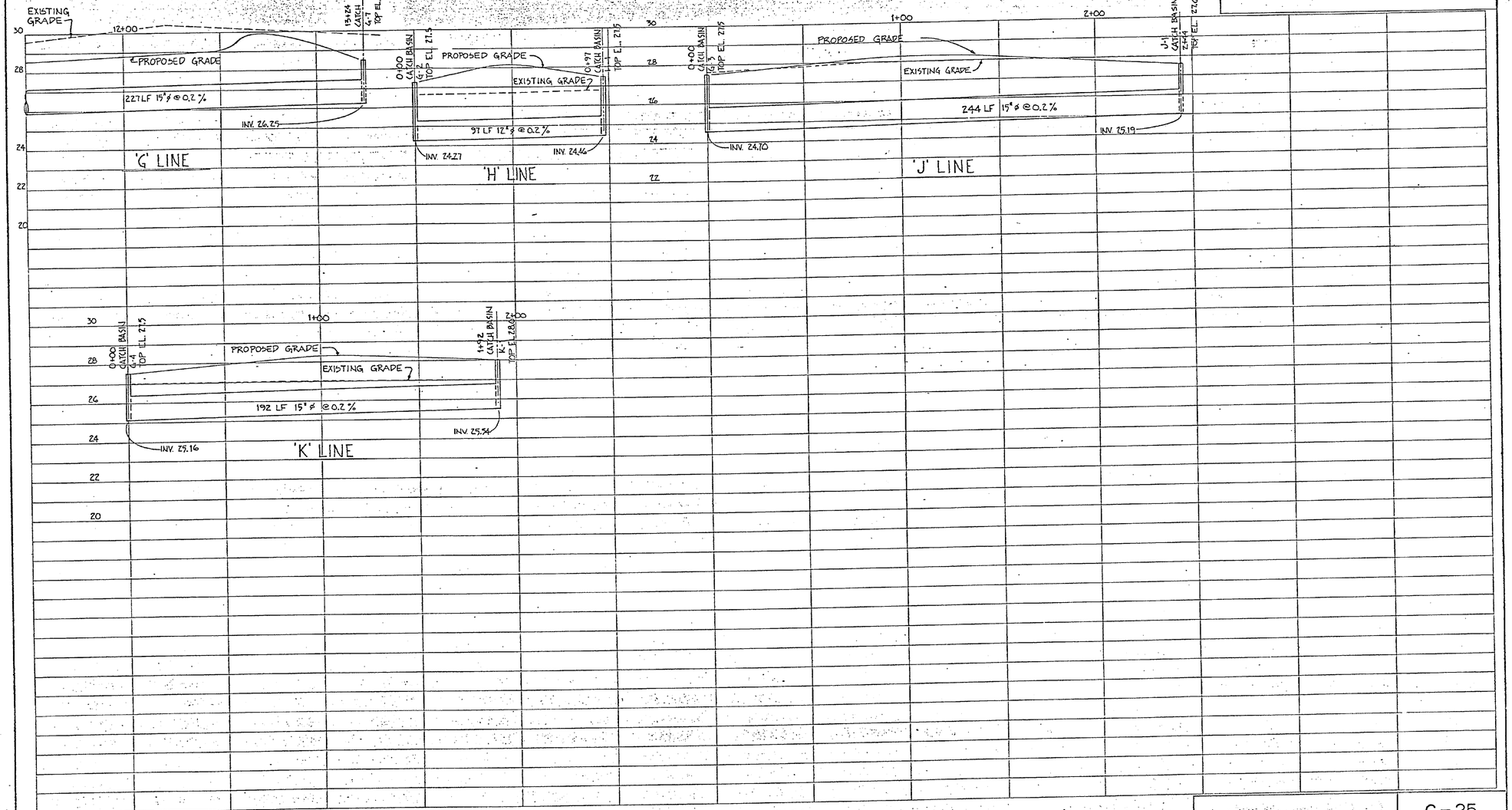
SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 2367d5
CONTR CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | IS-24 | 25 OF 2-10

C-24

23	24
PP	PP
TS	TS
2-11-88	2-11-88
C-24	

C-20
C-23
C-24
C-25

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



STORM DRAINAGE PROFILES

SCALE: HORIZ. 1"=20'
VERT. 1"=2'

GRAPHIC SCALES

VERTICAL SCALE
0 2 4 6
SCALE: 1" = 2'

HORIZONTAL SCALE
0 20 40 60
SCALE: 1" = 20'

29	25
BY	BP
TB	TB
INIT	INITIAL
C-25	
DWG. NO.	

C-20
C-23
C-24

Sellers & Creed Engineers Consultants and Planners Wilmington, North Carolina

SELLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3607
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

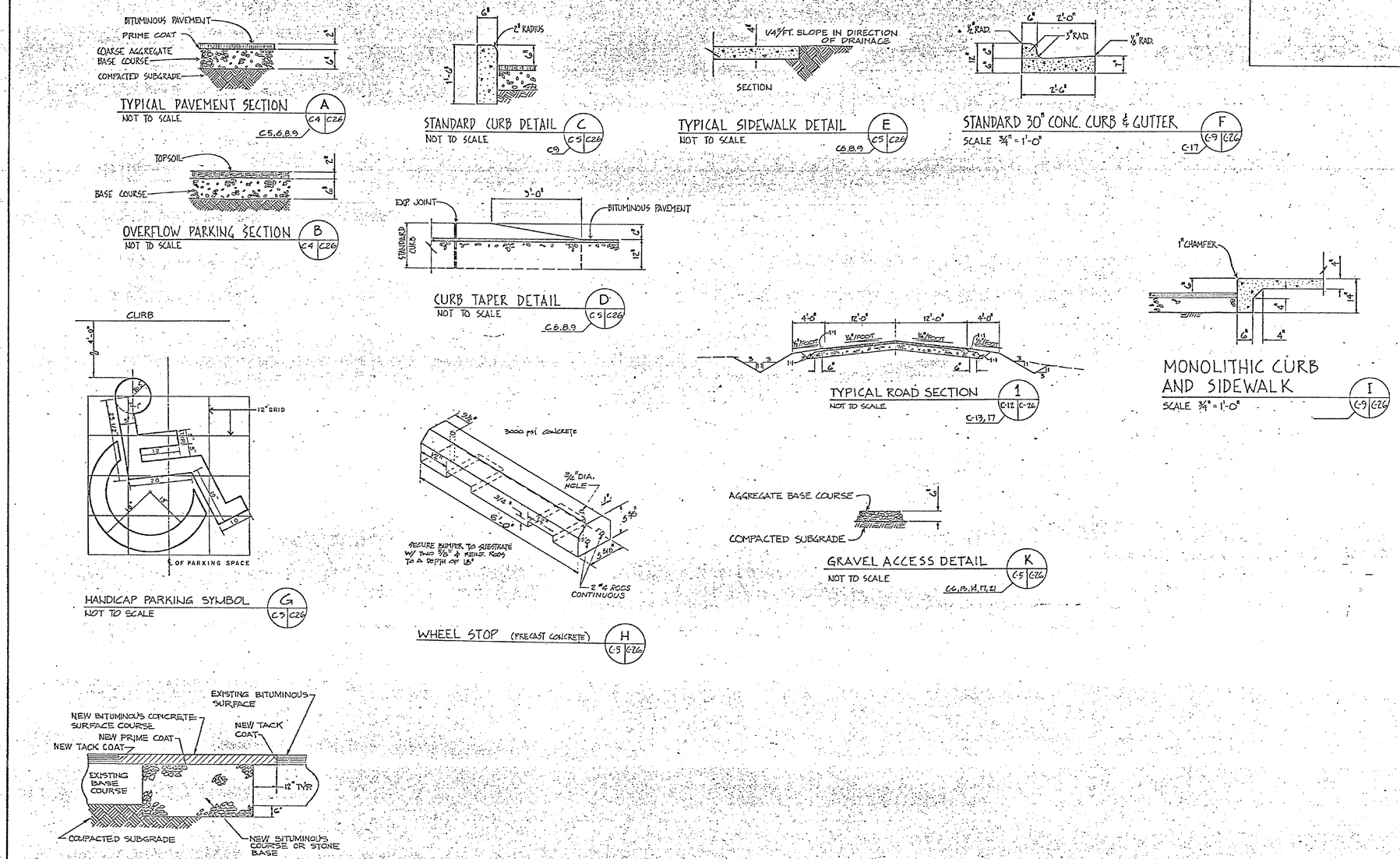
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
STORM DRAINAGE PROFILES

EFD DWG NO	22578
JOB ORDER NO	5F3412
STA PROJ NO	
DES	DRAWN MDC, DEJ
PROJ MGR	CH ARCH/ENGR
EFD RVWR	PP
SR MGR	DES DIR
APPROVED	DATE
ACTIVITY - SATISFACTORY TO	
APPROVED	DATE
FOR CO	FOR COMMANDER NAVFAC

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126786
CONTR. CONTRACT NO 2470-67-8-7107
SCALE AS NOTED | SPEC 05-67-7107 | SHEET 26 OF 200

C-25

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



C-26

McKim & Creed Engineers
Consultants and Planners
Wilmington, North Carolina

BALLARD, McKIM & SAWYER Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

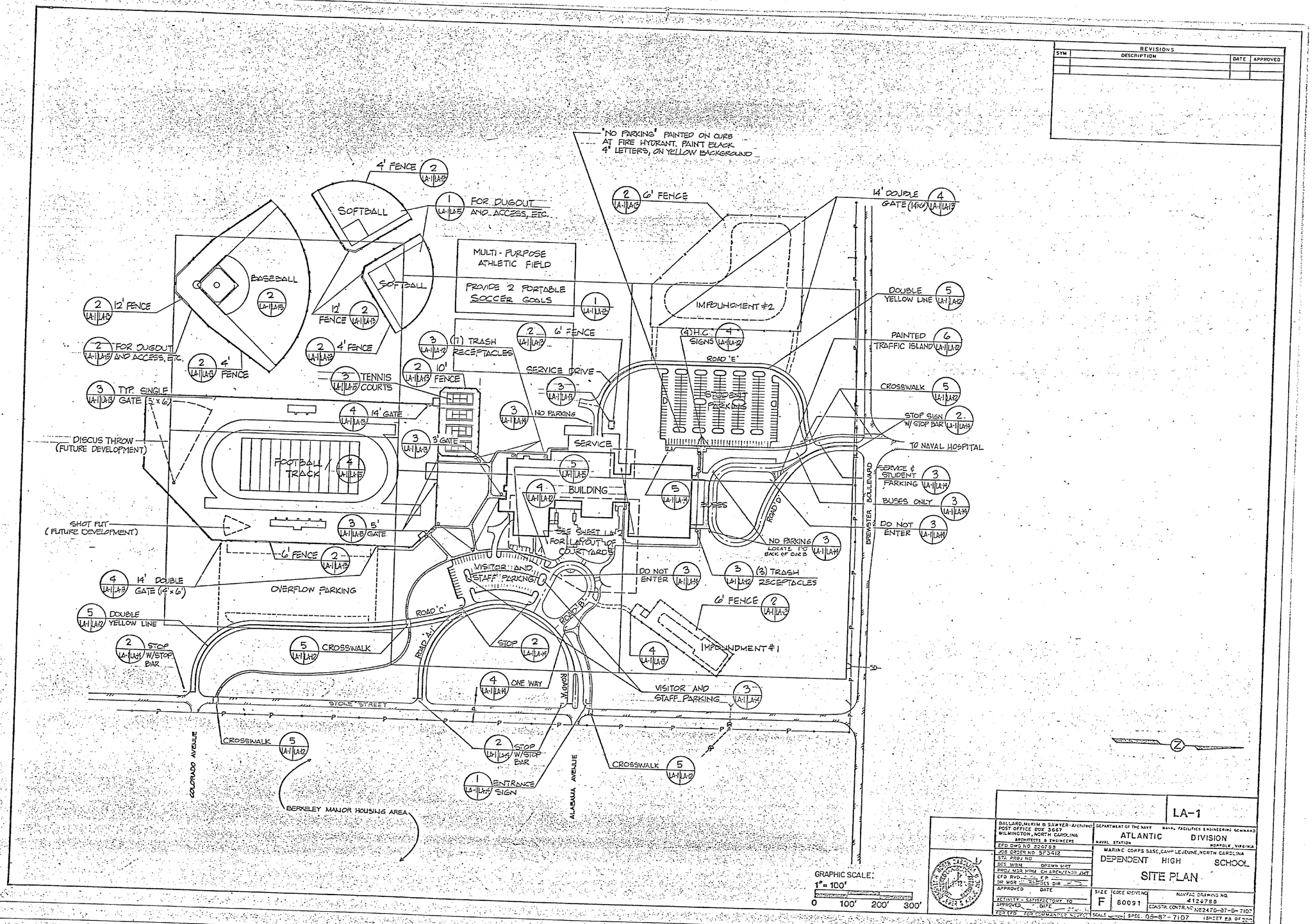
DES. JSJ | DR. WDC | CHK. [illegible]
PROJ MGR. HPM | CH. ENG. [illegible]
SUBMITTED BY: | DATE:
FIRM MEMBER | PRINCIPAL
EFD FP | RVD
HD | DIR
APPROVED | DATE
ACTIVITY - SATISFACTORY TO
APPROVED | DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

DEPENDENT HIGH SCHOOL

PAVING DETAILS

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126787
CONSTR CONTR NO. N62470-87-B-7107
SCALE AS NOTED | SPEC. 05-87-7107 | SHEET 27 OF 200
EFD DWG NO. 226787



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

LA-1

BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
SITE PLAN

EFD DWG NO 220783
JOB ORDER NO SF3412
STA PROJ NO
DES WBM DRAWN MRT
PROJ MGR MPM CH ARCH/ENGR JMT
EFD RVD FP
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126788
CONSTR. CONTR. NO N62470-87-B-7107
SCALE NONE | SPEC. 05-87-7107 | SHEET 88 OF 200

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

LA-2

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 226789
JOB ORDER NO 5F3412
STA PROJ NO
DES WBH DRAWN HRT
PROJ MGR HPM CH ARCH/ENGR JMT
EFD RVD F.P.
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

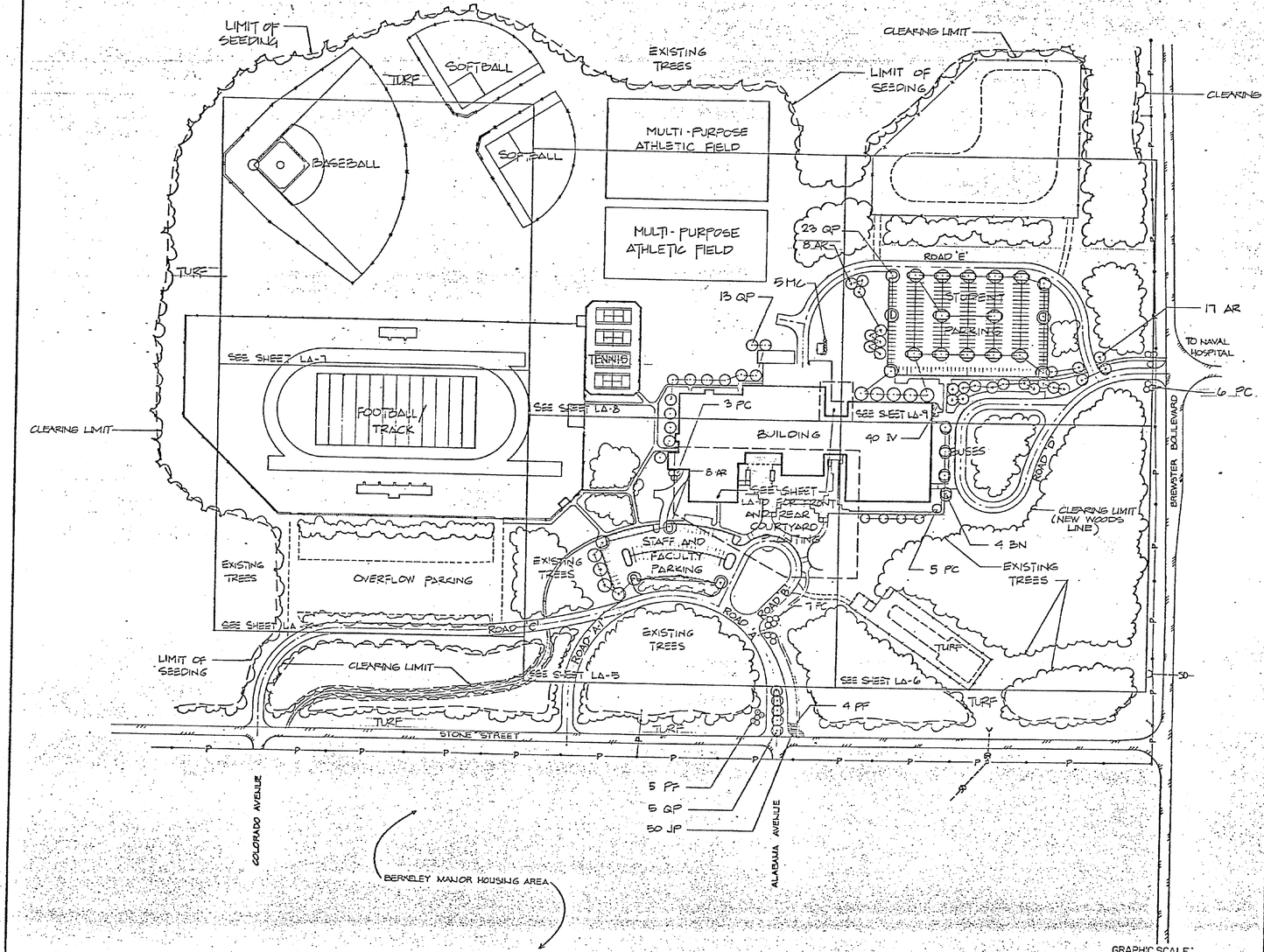
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

COURTYARD PLAN

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO. 4126789
CONSTR. CONTR. NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 29 OF 200

LA-2
DWG NO
LA-2
LA-10

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



NOTE:
THE SITE HAS BEEN CLEARED OF ALL MERCHANTABLE TIMBER. THE CONTRACTOR IS RESPONSIBLE FOR GRUBBING ROOTS AND STUMPS AND CLEARING THE REMAINING TREES OCCURING WITHIN THE CLEARING LIMITS INDICATED. THE EXISTING AVERAGE STUMP HEIGHT IS 2 FT.

I	I
RP	RP
SP	SP
T	T
AUDIT	OVERAY
LA-3	
DWG. NO.	

LA-3

BALLARD, MCKIM & SAWYER-ARCHITECTS
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

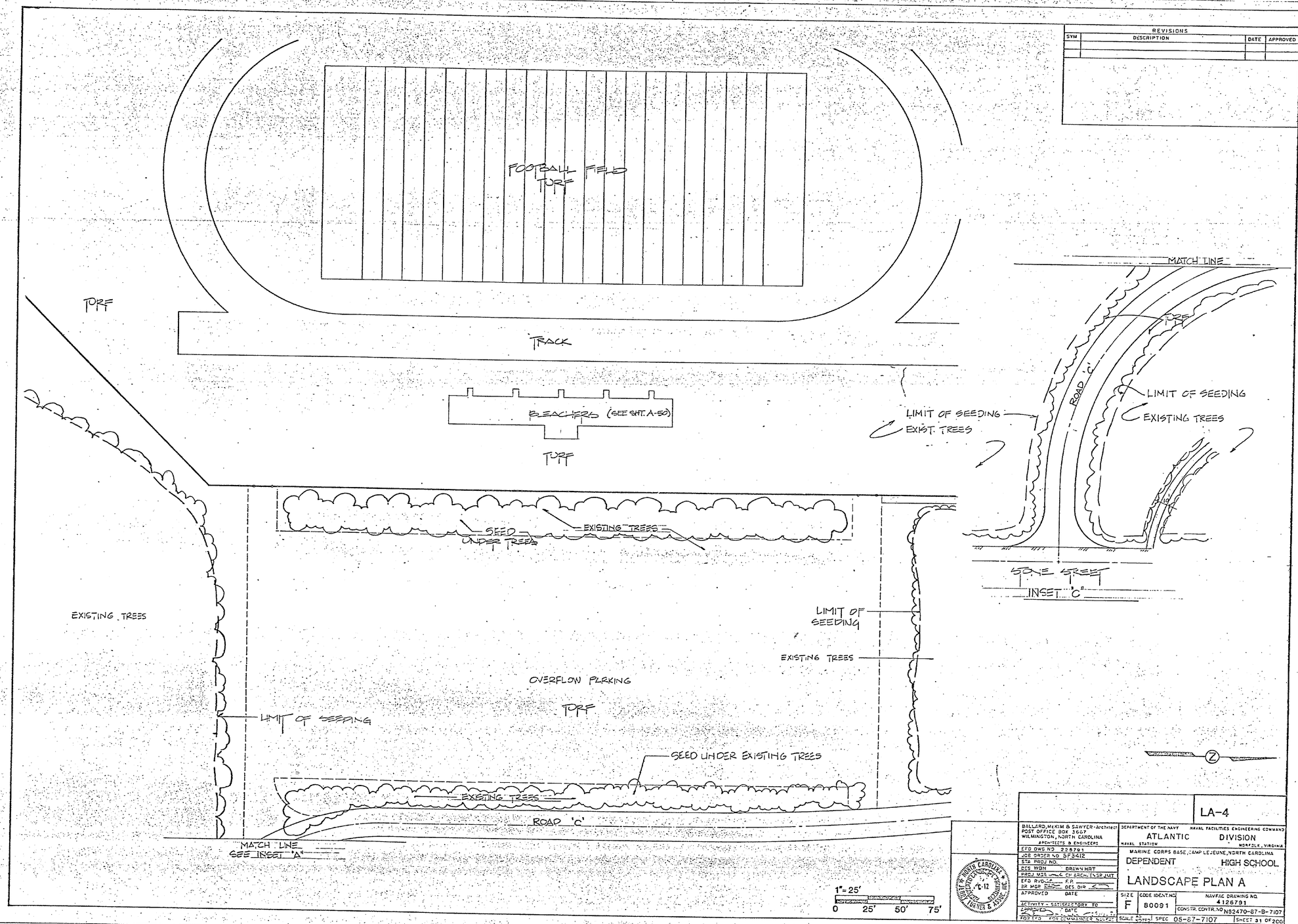
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

LANDSCAPE PLAN

EFD DWG NO.	2-26796
JOB ORDER NO.	SF3412
STA. PROJ NO.	
DES. MGR.	DRAWN/CHKD
PROJ. MGR.	CHARGEMAN JWE
EFD RVD.	F.P.
BR. MGR.	DES. DIR.
APPROVED	DATE
ACTIVITY - SATISFACTORY TO	
APPROVED	DATE
ACCEPTED FOR GOVERNMENT	DATE

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126790
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED | SPEC. 05-87-7107 | SHEET 30 OF 200



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

LA-4

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 228791
JOB ORDER NO 5F3412
STA PROJ NO.
DES WBN DRAWN HRT
PROJ MGR CH ARCH/ENGR JMT
EFD RVD F.P.
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

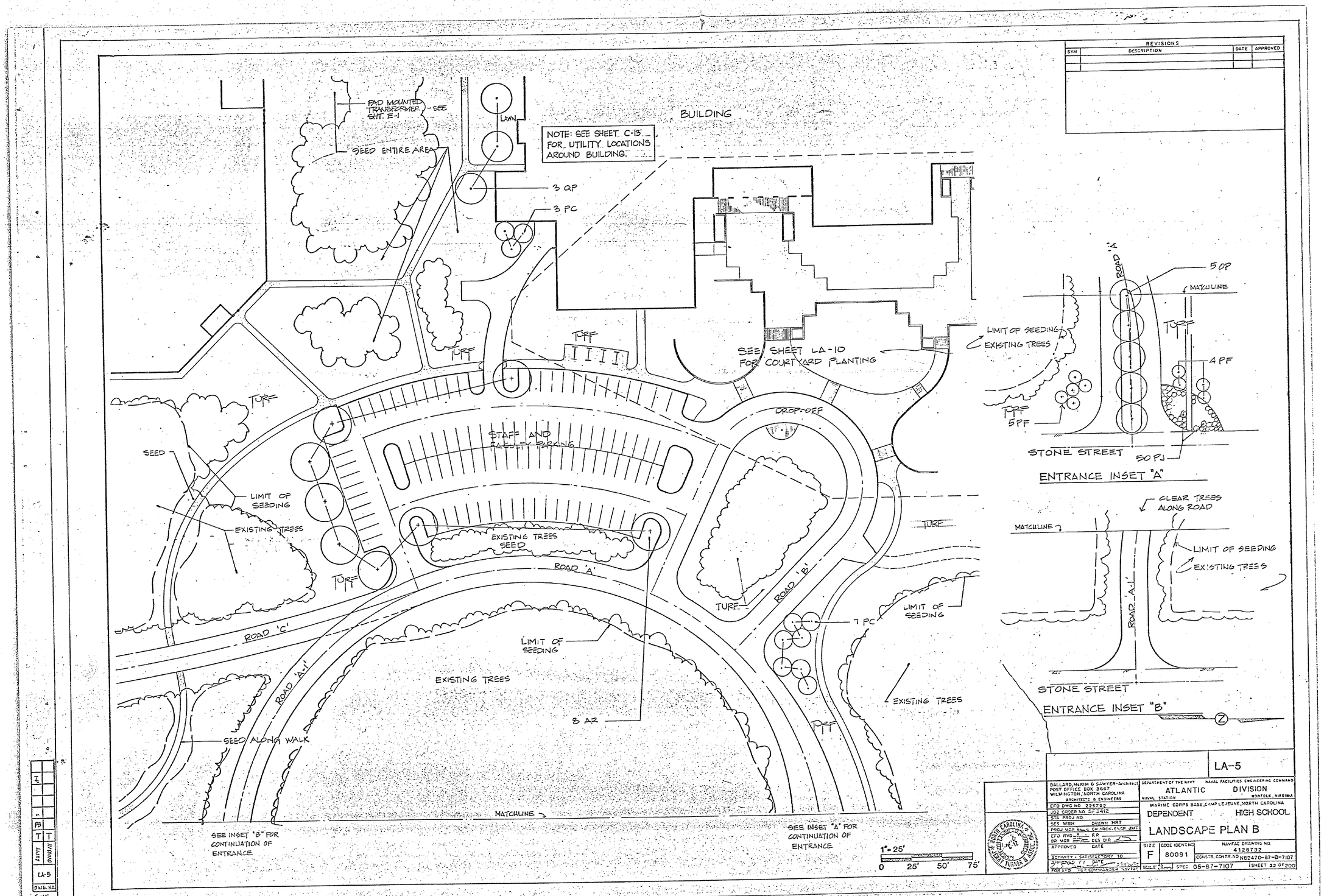
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

LANDSCAPE PLAN A

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	4126791

CONSTR. CONTR. NO N92470-87-B-7107
SCALE AS NOTED SPEC 05-87-7107 SHEET 31 OF 200

I	I
PA	PA
T	T
INDEX	CONTRACT
LA-4	
DWG NO	
LA-4	
C-4	
C-17	



REVISIONS
SYM
DESCRIPTION
DATE
APPROVED
BUILDING
NOTE: SEE SHEET C-13 FOR UTILITY LOCATIONS AROUND BUILDING.
PAD MOUNTED TRANSFORMER - SEE SHT. E-1
SEED ENTIRE AREA
LAWN
3 QP
3 PC
TURF
SEE SHEET LA-10 FOR COURTYARD PLANTING
DROP-OFF
STAFF AND FACULTY PARKING
SEED
LIMIT OF SEEDING
EXISTING TREES
EXISTING TREES SEED
ROAD 'A'
ROAD 'B'
ROAD 'C'
ROAD 'A-1'
7 PC
8 AR
SEED ALONG WALK
MATCHLINE
SEE INSET "B" FOR CONTINUATION OF ENTRANCE
SEE INSET "A" FOR CONTINUATION OF ENTRANCE
1"=25'
0 25' 50' 75'
ROAD 'A'
5 OP
MATCHLINE
LIMIT OF SEEDING
EXISTING TREES
4 PF
5 PF
STONE STREET
50 PJ
ENTRANCE INSET "A"
CLEAR TREES ALONG ROAD
MATCHLINE
LIMIT OF SEEDING
EXISTING TREES
ROAD 'A-1'
STONE STREET
ENTRANCE INSET "B"
LA-5
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS
EFD DWG NO 225792
JOB ORDER NO 5F3412
STA PROJ NO
DES WBH DRAWN HRT
PROJ MGR CH ARCH ENGR JMT
EFD RVD F.P.
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LANDSCAPE PLAN B
SIZE F
CODE IDENT NO 80091
NAVFAC DRAWING NO 4126732
CONSTR. CONTR. NO N62470-87-B-7107
SCALE AS NOTED
SPEC 05-87-7107
SHEET 32 OF 200
AUDIT
OVERLAY
LA-5
DWG. NO.
C-13

REVISIONS
SYM
DESCRIPTION
DATE
APPROVED
TURF
SEED ATHLETIC FIELDS
& ALL DISTURBED AREAS
SEEDING LIMITS
EXISTING TREES TO REMAIN
ROAD 'E'
TENNIS
TURF
10 QP
5MC
SERVICE
NOTE: SEE SHEET C-16
FOR UTILITY LOCATIONS
AROUND BUILDING
BUILDING
EXISTING TREES
SEE SHEET
LA-10 FOR
REAR COURTYARD
PLANTING
1" = 25'
0 25' 50' 75'
LA-8
BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS
EFD DWG NO 225795
JOB ORDER NO 5F3412
STA PROJ NO
DES. WBH DRAWN HBT
PROJ MGR CH ARCH/ENGR JMT
EFD RVD F.P.
BR MGR DES. DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LANDSCAPE PLAN, E
SIZE F
CODE IDENT NO 80091
NAVFAC DRAWING NO. 4126795
CONSTR. CONTR. NO N62470-87-B-7107
SCALE: AS NOTED
SPEC 05-87-7107
SHEET 35 OF 200
LA-8
C-8

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

BUILDING

TURF

BUSES

EXISTING TREES

ROAD 'D'

LIMIT OF SEEDING

TURF

NOTE: SEE SHEET C-14 FOR UTILITY LOCATIONS AROUND BUILDING.

4 BN

TURF

4 PC

SEE SHEET LA-10 FOR COURTYARD PLANTING

LIMIT OF SEEDING

EXISTING TREES

IMPOUNDMENT #1

EXISTING TREES

LIMIT OF SEEDING

TURF

LIMIT OF SEEDING

EXISTING TREES

1"= 25'

0 25' 50' 75'

I	I
PC	PC
T	T
AUDIT	CHECKED
LA-6	
DWG. NO.	

C-6
LA-6
C-14

LA-6

BALLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 225793
JOB ORDER NO 5F3412
STA PROJ NO
DES W&H DRAWN MRT
PROJ MGR CH ARCH-ENGR JMT
EFD RVDR F.P.
BR MGR DES DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LANDSCAPE PLAN C

SIZE	CODE IDENT NO	NAVFAC DRAWING NO.
F	80091	4125793
	CONSTR CONTR NO	N62470-87-B-7107
SCALE AS NOTED	SPEC 05-87-7107	SHEET 33 OF 200

REVISIONS
SYM
DESCRIPTION
DATE
APPROVED
TURF
IN FIELD AREA, COACHES BOX, & BATTER'S CIRCLE TO HAVE NO TURF.
2
LA-1 LA-15
TURF
BASEBALL FIELD (TURF)
TURF
SOFTBALL FIELD
1
LA-1 LA-15
INFIELD & COACHES BOX TO HAVE NO TURF
TURF
SEED ALL ATHLETIC FIELDS AND DISTURBED AREAS
TURF
TURF
TURF
BLEACHERS - SEE SHEET A-50
TRACK
TURF
1"= 25'
0 25' 50' 75'
LA-7
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS
EFD DWG NO 224794
JOB ORDER NO 5F3412
STA PROJ NO
DES. WBH
DRAWN HRT
PROJ MGR
CH ARCH/ENGR JMT
APPROVED
DATE
ACTIVITY - SATISFACTORY TO
APPROVED
DATE
FOR EFD
FOR COMMANDER NAVFAC
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION
NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LANDSCAPE PLAN D
SIZE F
CODE IDENT NO 80091
NAVFAC DRAWING NO. 4126794
CONSTR. CONTR. NO N62470-87-B-7107
SPEC. 05-87-7107
SHEET 34 OF 200
AUDIT
OVERLAY
LA-7
DWG NO
LA-7
C-7
C-15

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

EXISTING TREES

IMPOUNDMENT #2

TURF

LIMIT OF SEEDING

EXISTING TREES

TURF

EXISTING TREES

TURF

18 QP

ROAD 'E'

LIMIT OF SEEDING

EXISTING TREES

TURF

TURF

STUDENT PARKING

EXISTING TREES

ALL SLOPES SHALL BE SEEDED

17 AR

4 PC

8 AR

FIRE HYDRANT

5 QP

TURF

TURF

TURF

ROAD 'D'

SEEDING LIMITS

TURF

EXISTING TREES

EXISTING TREES

25

NOTE: SEE SHEET C-17 FOR UTILITY LOCATIONS

40 LV

BUILDING

1"=25'

0 25' 50' 75'

I	I
PF	PF
T	T
ADDN	ADDN
LA-9	
DWG NO	

C-9
LA-9
C-17

LA-9

BALLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

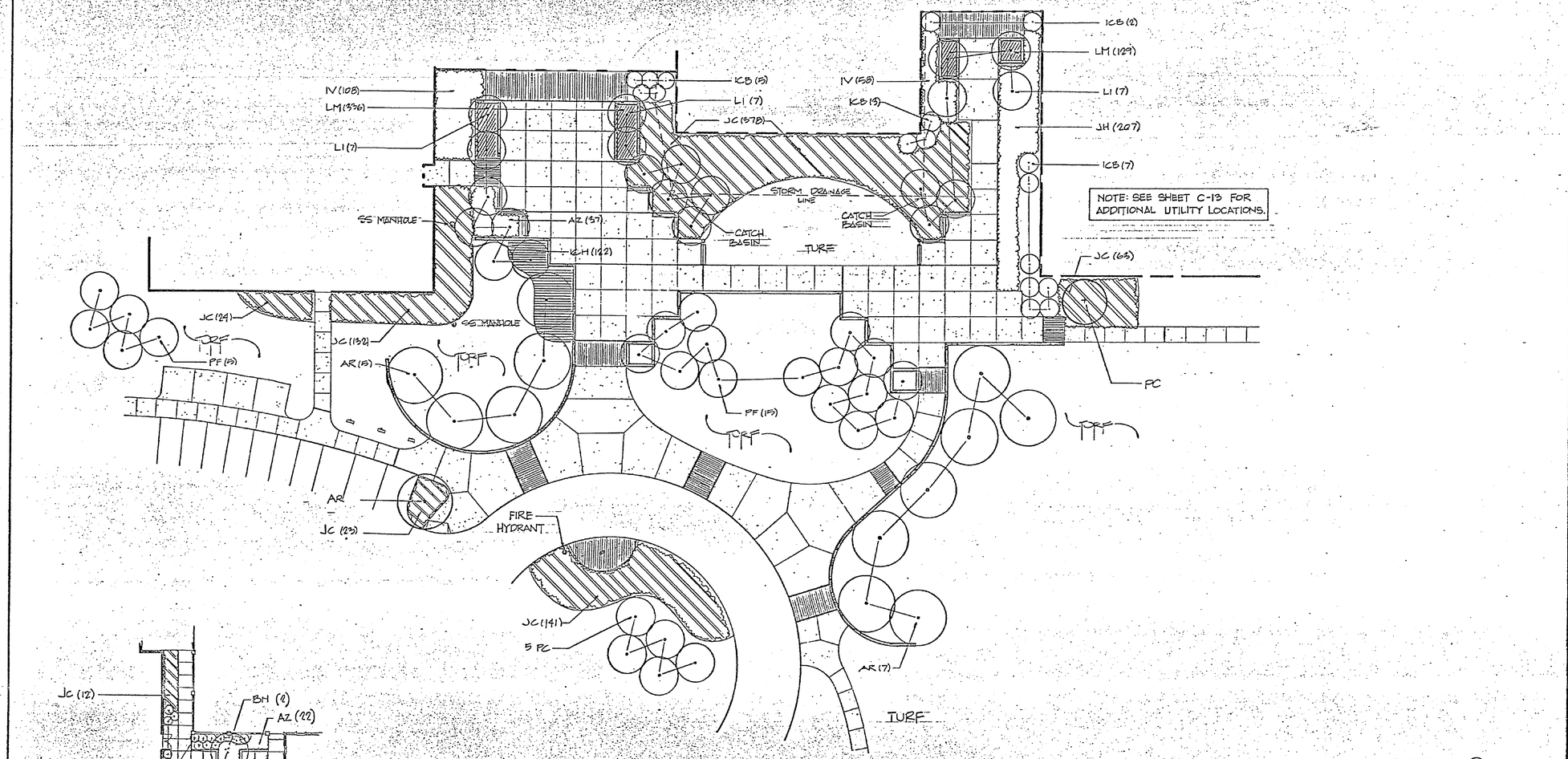
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

EFD DWG NO 224706
JOB ORDER NO 5F3412
STA PROJ NO
DES WBH DRAWN MRT
PROJ MGR WWL CH ARCH/ENGR JMT
EFD RVR IA EIP
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER, NAVFAC

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LANDSCAPE PLAN F

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126796
CONSTR CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 28 OF 200

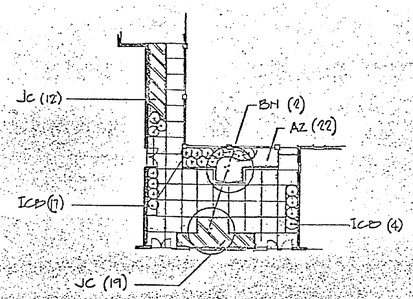
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



NOTE: SEE SHEET C-13 FOR ADDITIONAL UTILITY LOCATIONS.

COURTYARD PLANTING PLAN

SCALE: 1/16" = 1'-0"



REAR COURTYARD PLANTING PLAN

SCALE: 1/16" = 1'-0"

1/16" = 1'-0"

0 10' 20' 40'

LA-10

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

EFD DWG NO 226797
JOB ORDER NO SF 3412
STA PROJ NO
DES WBM — DRAWN HRT
PROJ MGR — CH ARCH/ENGR JMT
EFD RVD — F.P.
BR MGR — DES DIR
APPROVED — DATE
ACTIVITY - SATISFACTORY TO
APPROVED — DATE
FOR SFD — FOR COMMANDER NAVFAC

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL

COURTYARD PLANTING

SIZE F — CODE IDENT NO 80091 — NAVFAC DRAWING NO 4126797

CONSTR CONTR NO N62470-87-B-7107

SCALE AS NOTED — SPEC 05-87-7107 — SHEET 37 OF 200

AUDIT	OFFICE
CY	CY
T	T

LA-10

LA-2
LA-10

GENERAL NOTES:

1. "BB" AS LISTED UNDER "ROOT" INDICATES BALLED AND BURLAPPED.
2. VERIFICATION OF TOTAL QUANTITIES AS SHOWN IN THE "PLANT LIST" SHALL BE THE RESPONSIBILITY OF THE PLANTING CONTRACTOR, AND THE TOTAL QUANTITIES SHALL BE AS REQUIRED ON THE PLANTING PLAN.
3. ALL TREES, SHRUBS, AND PLANTS SHALL CONFORM TO ACCEPTED STANDARDS ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, AS SPECIFIED IN ANSI Z60.1.
4. ALL SAUCERS SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
5. PRUNING— THIN BRANCHES AND FOLIAGE (NOT ALL END TIPS) BY 1/3, RETAINING NORMAL PLANT SHAPE. NEVER CUT EVERGREEN LEADER.
6. ALL PLANTS SHALL BEAR THE SAME RELATION TO FINISHED GRADE AS THEY BORE TO PREVIOUS EXISTING GRADE.
7. ALL ROOT BALLS REMOVED FROM CANS SHALL BE SCARIFIED PRIOR TO BACK FILLING.

PLANT LIST

KEY	SCIENTIFIC NAME	COMMON NAME	QUAN.	SIZE CALIPER	SIZE HEIGHT	SIZE SPREAD	ROOT	REMARKS	PLANTING METHOD NO.
	TREES								
AR	ACER RUBRUM	RED MAPLE	46	3-3½"	14'-16'		B&B	'OCTOBER GLORY'	1
BN	BETULA NIGRA	RIVER BIRCH	6	2-2½"	14'-16'		B&B	MULTI-STEM	1
LI	LAGERSTROEMIA INDICA	CRAPEMYRTLE	21	1½-2"	8'-10'		B&B	MULTI-STEM / 1½-2" CAL./STEM	2
PC	PYRUS CALLERYANA 'BRADFORDII'	BRADFORD PEAR	27	2-2½"	10'-12'		B&B		1
QP	QUERCUS PHELLOS	WILLOW OAK	41	2½-3"	14'-16'		B&B		1
PF	PHOTINIA FRAZIERI	FRAZIER'S PHOTINIA	29	1½-2"	8'-10'		B&B	3 STEM MIN. / 1½-2" CAL./STEM	2
	SHRUBS								
AZ	AZALEA HYBRIDA 'GLACIER'	GLACIER AZALEA	59			15"-18"	CONTAINER	30" O.C.	4
ICB	ILEX CORNUTA 'BURFORDII NANA'	DWARF BURFORD HOLLY	38		30"-36"	24"-30"	B&B		3
ICH	ILEX CRENATA 'HELLERI'	HELLERI HOLLY	122			15"-8"	CONTAINER	27" O.C.	4
IV	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	206			15"-18"	CONTAINER	27" O.C.	4
JC	JUNIP. CHIN. 'PFITZERIANA COMP.'	DWARF PFITZER JUNIPER	792			15"-18"	CONTAINER	36" O.C.	4
JH	JUNIPERUS HORIZONT. 'PLUMOSA'	ANDORRA JUNIPER	207			15"-18"	CONTAINER	27" O.C.	4
JP	JUNIPERUS HORIZONT. 'PARSONII'	PARSON'S JUNIPER	50			15"-18"	CONTAINER		4
MC	MYRICA CERIFERA	WAX MYRTLE			4'-5'		B&B		3
	GROUND-COVER								
LM	LIRIOPE MUSCARI 'VARIEGATA'	VARIEGATED LIRIOPE	465				3 BIB MIN.	12" O.C.	

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

PLANTING AND STAKING DETAILS

LA-11

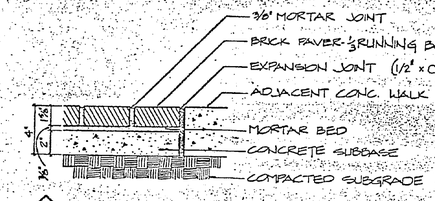
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO. 226798
JOB ORDER NO 5F3412
STA PROJ NO.
DES WBH DRAWN HRT
PROJ MGR CH ARCH/ENGR JMT
EFD RVD F.P.
BR MGR DES. DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

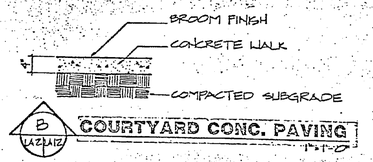
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
PLANT LIST &DETAILS

SIZE F | CODE IDENT. NO. 80091 | NAVFAC DRAWING NO. 4126798
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED | SPEC. 05-87-7107 | SHEET 38 OF 200

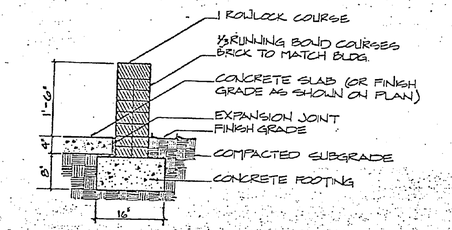
LA-11 DWG. NO.



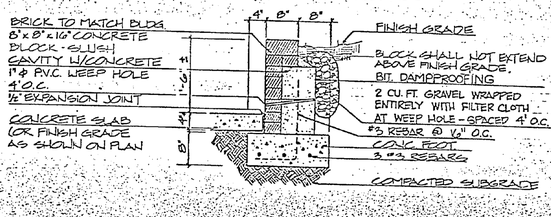
A LA2|LA12 **BRICK PAVING** 3" = 1'-0"



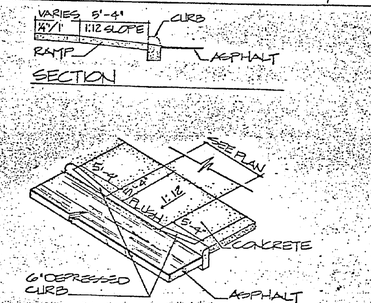
B LA2|LA12 **COURTYARD CONC. PAVING** 1"=1'-0"



C LA2|LA12 **BRICK SEAT WALL** 1"=1'-0"



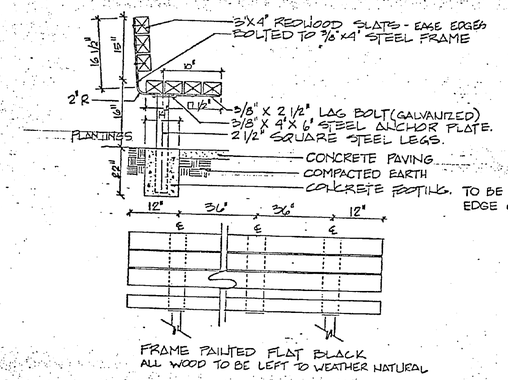
D LA2|LA12 **BRICK RETAINING WALL** 1"=1'-0"



SECTION

ISOMETRIC

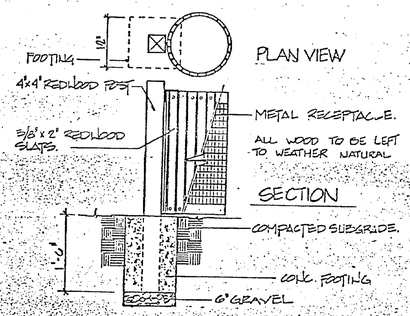
1 LA2|LA12 **DEPRESSED CURB** NTS



TO BE FLUSH WITH EDGE OF CONCRETE.

FRAME PAINTED FLAT BLACK
ALL WOOD TO BE LEFT TO WEATHER NATURAL

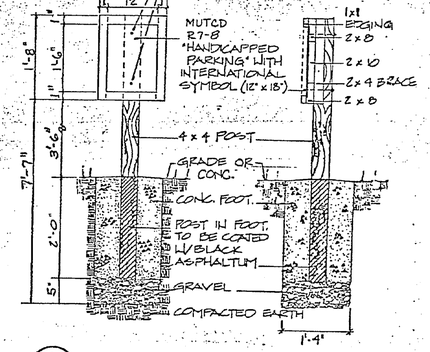
2 LA2|LA12 **WOOD BENCH** NTS



3 LA2|LA12 **TRASH RECEPTICAL** 1"=1'-0"

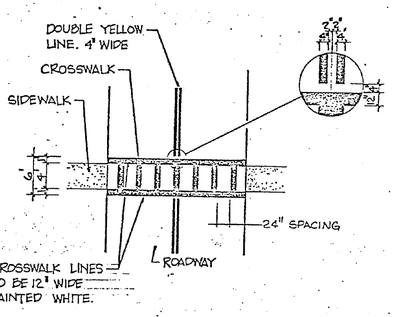
LA-1

NOTE: H.C. SIGNS TO BE LOCATED 1' FROM CURB UNLESS OTHERWISE NOTED. SEE TRAFFIC SIGN NOTES, SHT. LA-14

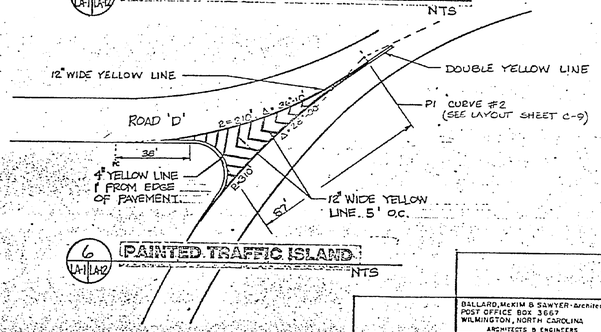


4 LA2|LA12 **HANDICAP PARKING SIGN** 1"=1'-0"

LA-1



5 LA-1|LA12 **CROSSWALK & DOUBLE YELLOW LINE** NTS



6 LA-1|LA12 **PAINTED TRAFFIC ISLAND** NTS

1"=1'-0"
0 1' 2' 3'
3"=1'-0"
0 4' 8' 12'

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

LA-12

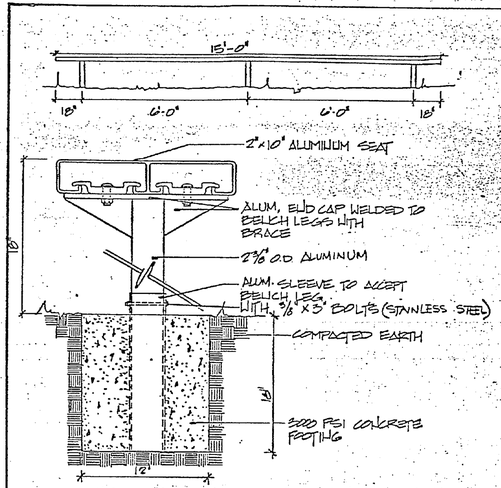
BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

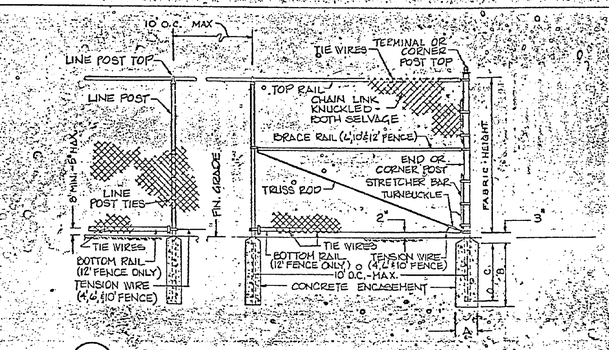
LA DETAILS

EFD DWG NO	228796
JOB ORDER NO	SF3412
CTR PROJ NO	
DES	WBH
DRAWN	NRT
PROJ MGR	CH ARCH. ENGR. JMT
EFD PROJECT MGR	FP
BR MGR	DES DIR
APPROVED	DATE
ACTIVITY - SATISFACTORY TO	
APPROVED	DATE
FOR CO	FOR COMMANDER NAVFAC

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4128796
CONTR CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 39 OF 200



A LA-15 — **PLAYERS BENCH** N.T.S.



2 LA-1 LA-15 — **CHAIN LINK FENCING** N.T.S.

LA-15

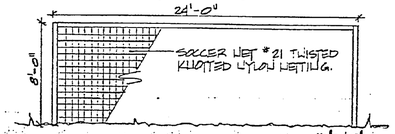
LINE AND TERMINAL POSTS.

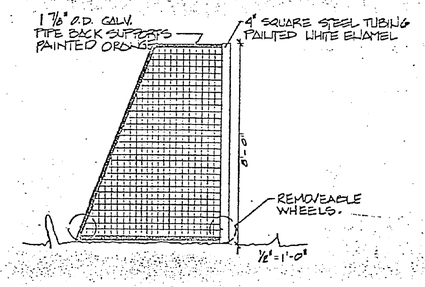
FABRIC HEIGHT	TYPE POST	"A" DIAM	"B" DEPTH	"C" POST EMBEDMENT
2'-0" TO 4'-0"	LINE	6"	26"	24"
	TERMINAL	10"	32"	30"
5'-0"	LINE	8"	32"	30"
	TERMINAL	10"	32"	30"
6'-0" TO 9'-0"	LINE	12"	38"	36"
	TERMINAL	12"	38"	36"
10'-0" TO 12'-0"	LINE	18"	38"	36"
	TERMINAL	18"	38"	36"
13'-0" TO 18'-0"	LINE	24"	42"	40"
	TERMINAL	24"	42"	40"

NOTE: TERMINAL POSTS INCLUDE END, CORNER, AND PULL POSTS

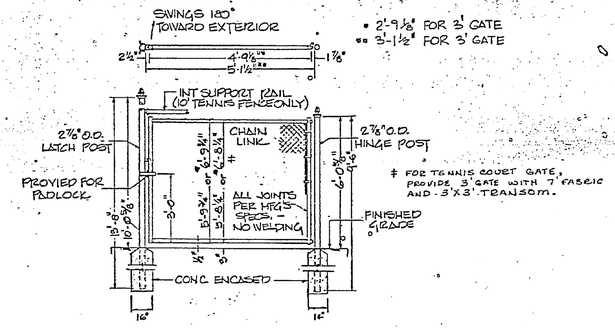
REVISIONS

SYM	DESCRIPTION	DATE	APPROVED





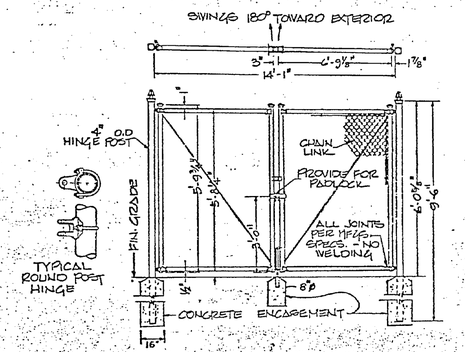
1 LA-1 LA-15 — **SOCCER GOAL**



* 2'-9⅛" FOR 3' GATE
** 3'-1½" FOR 3' GATE

‡ FOR TENNIS COURT GATE, PROVIDE 3' GATE WITH 7' FABRIC AND 3'X3' TRANSOM.

3 LA-1 LA-15 — **5' GATE OR 3' GATE** N.T.S.



4 LA-1 LA-15 — **14' DOUBLE GATE** N.T.S.

1/4" = 1'-0"
0 1' 2' 4' 8' 12'

1/2" = 1'-0"
0 1' 2' 4' 6'

LA-13

BALLARD, MEKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 225600
JOB ORDER NO SF3412
STA. PROJ. NO
DES. WBH DRAWN HRT
PROJ. MGR. WBH CH. ARCH. ENGR. JMT
EFD RVD. [illegible] S.P.
SR MGR. IC RES DES DIR

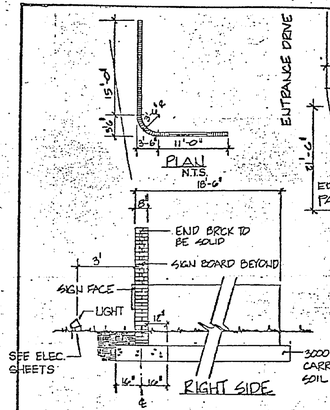
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR CO [illegible] FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LA DETAILS

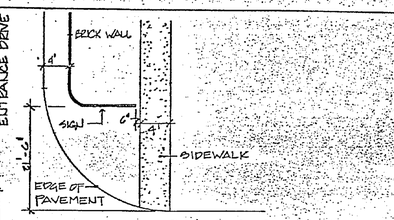
SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126600
CONSTR CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 40 OF 200

ISSUE | DATE
LA-13
DWG NO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

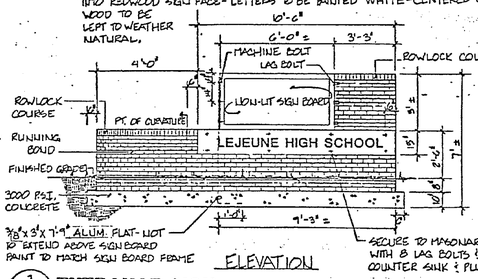


NOTE: ALL BRICK TO MATCH BUILDING;

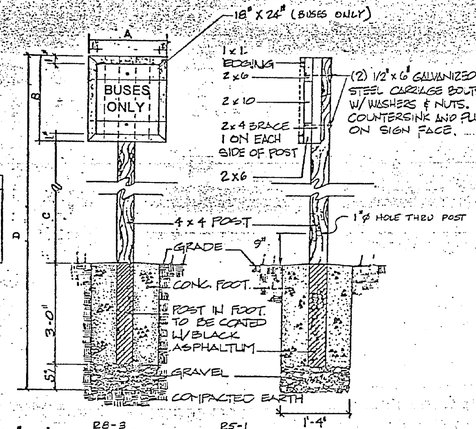


	A	B	C	D
18"x24"	20"	26"	5'-0"	11'-1"
R5-1	32"	32"	6'-11"	13'-0"
R8-3	26"	32"	6'-11"	15'-0"
R6-2	25"	26"	6'-11"	12'-6"
24"x18"	24"	20"	5'-0"	10'-0"

SIGN-BOARD FRAME TO BE DARK BROWN FINISH.
CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL VERIFICATION OF ALL DIMENSIONS OF SIGN-BOARD - CHANGEABLE LETTERS TO BE PROVIDED BY CONTRACTOR
ALL HARDWARE TO SECURE SIGN BOARD TO MASONARY WALL: ALUMINUM FLAT. SHALL BE 3/4" DIA. STAINLESS STEEL W/ LEAD LAG SHIELDS.
SIGN FACE (4" SCHOOL NAME) LETTERS TO BE 6" HEVETICA MEDIUM - ROUTED 1/2" INTO REDWOOD SIGN FACE - LETTERS TO BE PAINTED WHITE - CENTERED ON SIGN FACE.
WOOD TO BE LEFT TO WEATHER NATURAL.



1 LA-1 | LA-14 **ENTRANCE SIGN** 3/8"=1'-0"

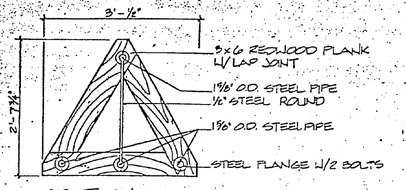


24"x18"	R8-3 24"x30"	R5-1 30"x30"	18"x24"
STUDENT PARKING	NO PARKING	DO NOT ENTER	VISITOR AND STAFF PARKING

SEE TRAFFIC SIGN NOTES THIS SHEET

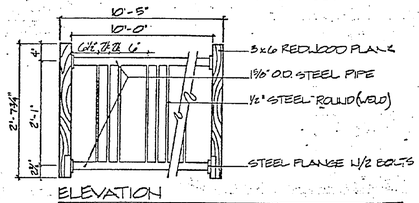
NOTE: ALL SIGNS TO BE LOCATED 3' FROM EDGE OF PAVEMENT, UNLESS OTHERWISE INDICATED ON PLAN

3 LA-1 | LA-14 **REGULATORY SIGN** N.T.S.



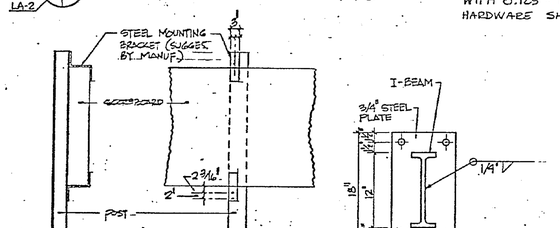
SECTION

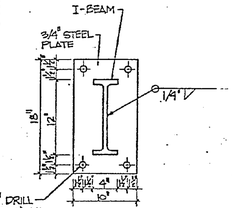
NOTE: REDWOOD PLANKS TO BE LEFT IN NATURAL COLOR - DO NOT STAIN. ALL HARDWARE & STEEL PIPES TO BE HOT DIPPED GALVANIZED.



ELEVATION

5 LA-2 | LA-14 **BICYCLE RACK** 1'-1'-0"

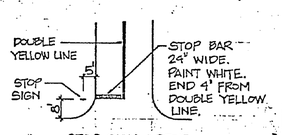




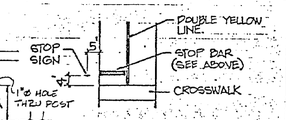
TRAFFIC SIGN NOTES
(APPLIES TO REGULATORY, STOP, ONEWAY & HABDICAP

1. TRAFFIC CONTROL SIGNS IN GENERAL SHALL BE OF SIZE, SHAPE, COLOR & LEGEND I.A.W. THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) THOSE SIGNS COVERED BY THE MANUAL ARE DESIGNATED BY CODE & SIZE. (EXAMPLE: STOP SIGN - CODE R1-1, SIZE 30"X 30".
2. ALL SIGNS SHALL BE LAYED OUT I.A.W. THE FHWA BOOKET "STANDARD HIGHWAY SIGNS." THOSE NOT COVERED BY MUTCD SHALL HAVE A BLACK LEGEND ON A WHITE REFLECTIVE BACKGROUND BOUNDED BY A 5/8" BLACK PERIMETER LINE. SIGN MESSAGES SHALL BE CENTERED USING 3" SERIES C LETTERING. (LETTERING SHALL BE I.A.W. FHWA "STANDARD ALPHABET FOR HIGHWAY SIGNS & PAVEMENT MARKINGS"
3. WOOD POST, SUPPORT MEMBERS AND TRIM SHALL BE HEART REDWOOD. DO NOT STAIN, ALLOW WOOD TO WEATHER TO A NATURAL FINISH.
4. SIGN PANELS SHALL BE REFLECTIVE SHEETING WITH 0.125" THICK ALUMINUM BACKING. ALL HARDWARE SHALL BE GALVANIZED.

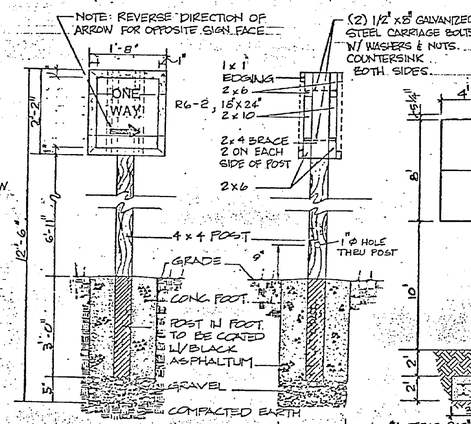
2 LA-1 | LA-14 **STOP SIGN** N.T.S



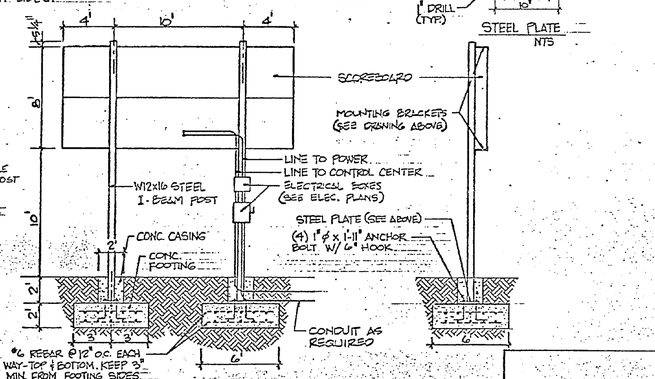
STOP SIGN & STOP BAR LOCATION N.T.S.



STOP SIGN & STOP BAR LOCATION AT CROSSWALK N.T.S.



4 LA-1 | LA-14 **DOUBLE FACE ONE WAY SIGN** N.T.S.



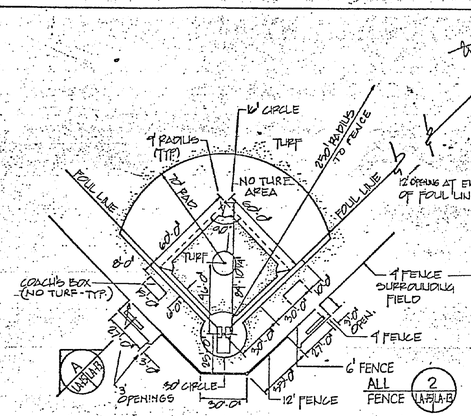
6 LA-2 | LA-14 **FOOTBALL SCOREBOARD & POST ASSEMBLY** NTS

3/8"=1'-0"
0 1' 2' 4' 8'
1"=1'-0"
0 1' 2' 3'

LA-14

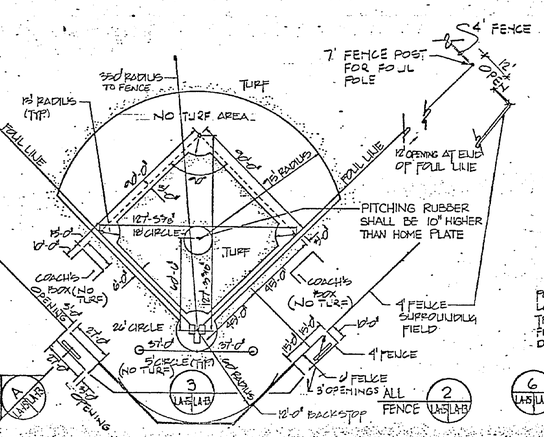
ARCHITECT & ENGINEER	BALLARD, McKIM & SAWYER - Architect POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA
EFD DWG NO	22601
JOB ORDER NO	5F5412
STA PROJ NO	
DES WBH	DRAWN NRT
PROJ MGR HWH	CHECKED JMT
EFD RVDR	EFD
BR MGR	SIDES DIR
APPROVED	DATE
ACTIVITY - SATISFACTORY TO	
APPROVED	DATE
FOR CTO 075	FOR COMMANDER, NAVFAC

DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION	ATLANTIC DIVISION NORFOLK, VIRGINIA
	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
	DEPENDENT HIGH SCHOOL
	LA DETAILS
SIZE	F
CODE IDENT NO	80091
NAVFAC DRAWING NO	4126801
CONSTR. CONTR. NO	N62470-87-B-7107
SCALE NOTED	SPEC. 05-87-7107
SHEET	410F200



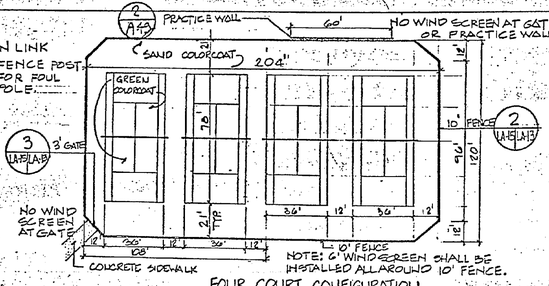
NOTES: FENCING - ALL VERTICAL POSTS TO BE 3" OD (SCHEDULE 40). ALL HORIZONTAL RAILS TO BE 1⅝" OD (SCHEDULE 40). ALL CHAIN LINK FABRIC TO BE 7 GAUGE 2" MESH. ALL MATERIALS TO BE HOT DIP GALVANIZED.
ALL BASES, PITCHING RUBBER, AND HOME PLATE TO BE PROVIDED BY CONTRACTOR AND INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.

1 SOFTBALL FIELD LAYOUT
NTS

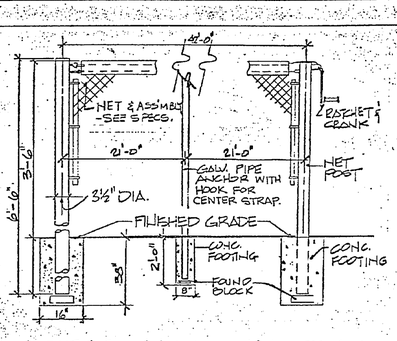


NOTES: FENCING - ALL VERTICAL POSTS TO BE 3" OD (SCHEDULE 40). ALL HORIZONTAL RAILS TO BE 1⅝" OD (SCHEDULE 40). ALL CHAIN LINK FABRIC TO BE 7 GAUGE 2" MESH. ALL MATERIALS TO BE HOT DIP GALVANIZED.
ALL BASES, PITCHING RUBBER, AND HOME PLATE TO BE PROVIDED BY CONTRACTOR AND INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.

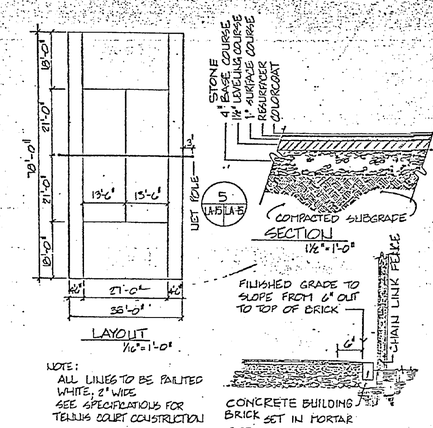
2 BASEBALL FIELD LAYOUT
NTS



FOUR COURT CONFIGURATION
1"=30'

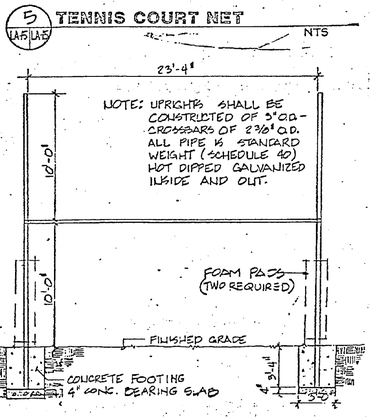


POST: USE 3½" O.D. (SCHEDULE 40) HOT DIPPED GALV.



3 TENNIS COURT LAYOUT & SECTION

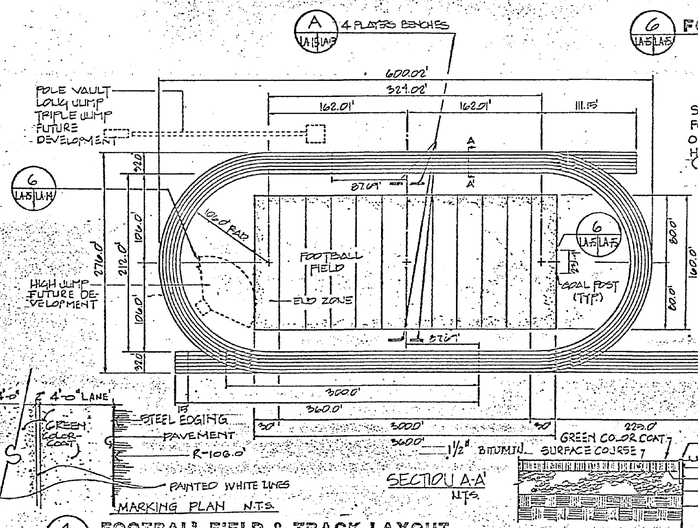
5 TENNIS COURT NET
NTS



6 FOOTBALL GOALPOST
1"=1'-0"

NOTES: FENCING - ALL VERTICAL POSTS TO BE 3" OD (SCHEDULE 40). ALL HORIZONTAL RAILS TO BE 1⅝" OD (SCHEDULE 40). ALL CHAIN LINK FABRIC TO BE 7 GAUGE 2" MESH. ALL MATERIALS TO BE HOT DIP GALVANIZED.
ALL BASES, PITCHING RUBBER, AND HOME PLATE TO BE PROVIDED BY CONTRACTOR AND INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.

2 BASEBALL FIELD LAYOUT
NTS



4 FOOTBALL FIELD & TRACK LAYOUT
1"=60'

SEE SHEET LA-1 FOR LOCATION OF SHOT PUT AND HAMMER THROW (FUTURE DEVELOPMENT)

1"= 60'
0 60' 120' 180'
1"= 30'
0 30' 60' 90'
1/16"= 1'-0"
0 10' 20' 40'
1/2"= 1'-0"
0 1' 2' 4' 6'
1"= 1'-0"
0 1' 2' 3'
1 1/2"= 1'-0"
0 1' 2'

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

LA-15

BALLARD, MCKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 229802
JOB ORDER NO 5F3412
STA PROJ NO
DES WBM DRAWN MRT
PROJ MGR CH ARCH-ENGR INT
EFD PVD C FP
BR MGR SPECS DIR

APPROVED: DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR CO COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LA DETAILS

SIZE	CODE IDENT NO	NAVFAC DRAWING NO
F	80091	4126802
		CONSTR CONTR NO N32470-87-B-7107
SCALE AS NOTED	SPEC 05-87-7107	SHEET 42 OF 200

LA-15

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

NOTE:
✻ PROJECT GRID SHOWN ON SHEET C-1
— — PL — = PROJECT LIMITS

A-1

BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

HERBERT P. McKIM REGISTERED ARCHITECT 827 NORTH CAROLINA WILMINGTON, N.C.

EFD DWG NO 226803
JOB ORDER NO 5F3412
STA. PROJ NO.
DES WPM-K DRAWN WFB
PROJ MGR WPM-K CH ARCH-ENGR
EFD RVD F.P.
BR MGR DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NORFOLK, VIRGINIA
NAVAL STATION
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
SITE PLAN

SIZE F | CODE IDENT. NO. 80091 | NAVFAC DRAWING NO. 4126803
CONSTR. CONTR. NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 43 OF 200

I | I
Ro | Ro
SP | SP
T | T
AUDIT | OVERLAY
A-1
DWG NO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

PARTIAL LIMITS AREA NO. I

2375.5 N
1414.5 E

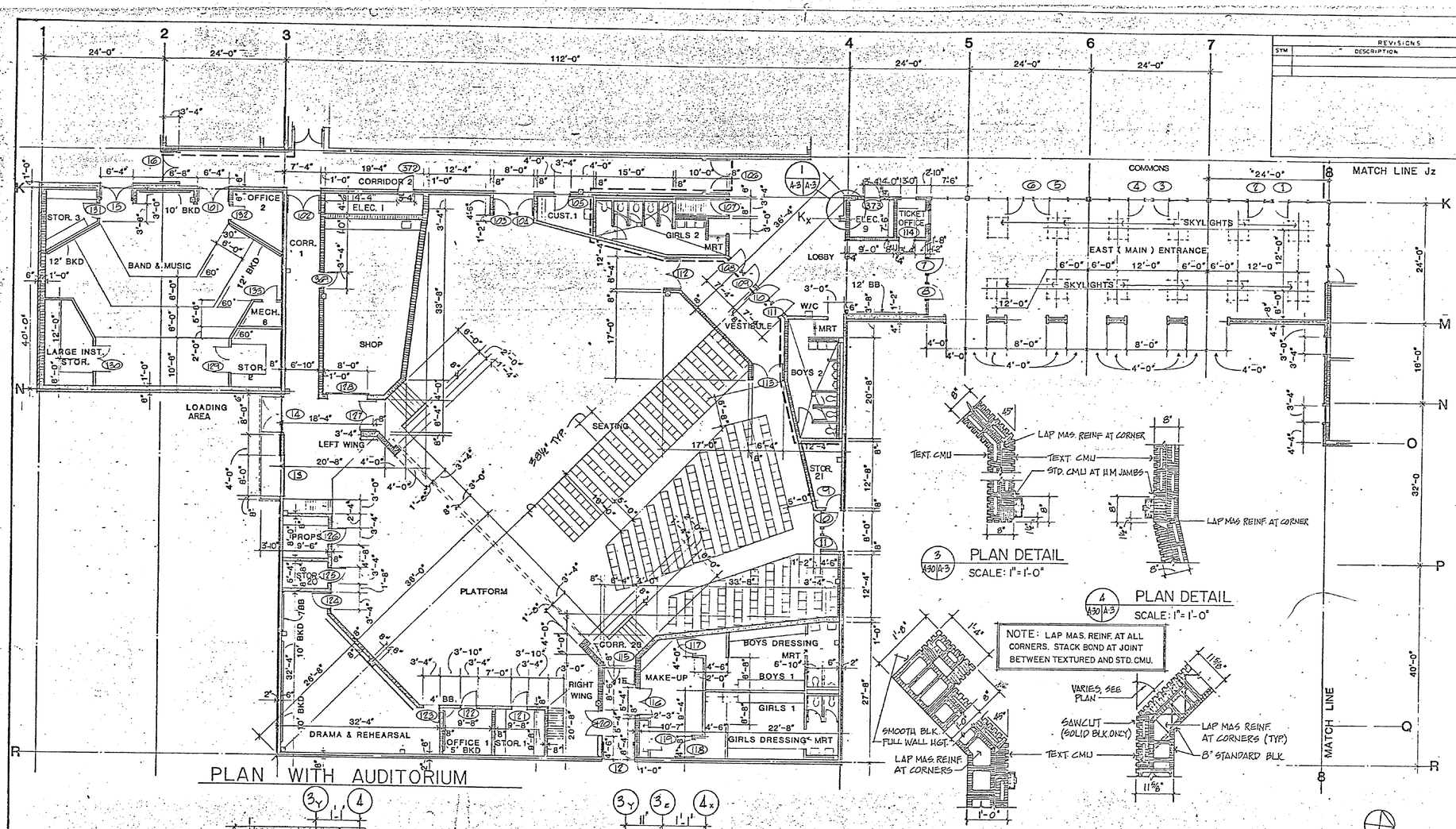
GRAPHIC SCALE:
1"=16'-0"

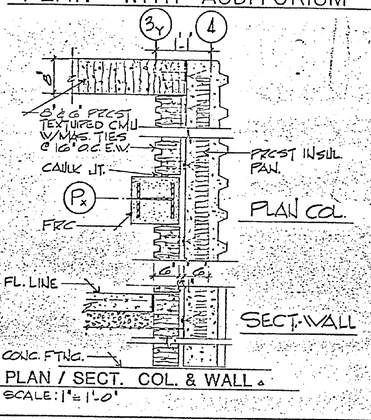
NORTH

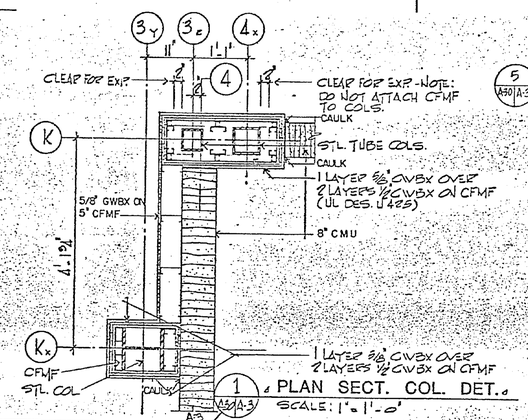
BALLARD, McKIM & SAWYER-Architects POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA
EFD DWG NO 226804	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
JOB ORDER NO 5F3412	DEPENDENT HIGH SCHOOL
STA PROJ NO	
DES MNGR DRAWN MST	OVERALL BUILDING PLAN
PROJ MGR APPR CH ARCH-ENGR	
EFD RVD APPR FP	
SR MGR APPR DES DIR	
APPROVED DATE	
ACTIVITY - SATISFACTORY TO	SIZE F / CODE IDENT NO 80091 / NAVFAC DRAWING NO 4126804
APPROVED (DATE)	CONSTR CONTR NO N62470-87-B-7107
NOTES FOR CONVENIENCE OF NAVFAC	SCALE AS NOTED / SPEC. 05-87-7107 / SHEET 44 OF 200

A-2

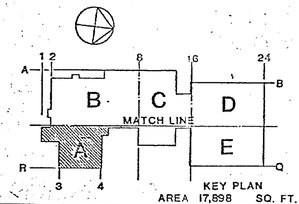
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED







NOTE: LAP MAS. REINF. AT ALL CORNERS. STACK BOND AT JOINT BETWEEN TEXTURED AND STD. CMU.



NOTE: SEE NOTED PLANS FOR ADDITIONAL INFORMATION

GRAPHIC SCALES:
0 5 10 15 20 25 30
SCALE: 1/8"=1'-0"
0 6 12 24 36
SCALE: 1"=1'-0"

A-3

BALLARD, MCKIM & SAWYER, ARCHITECT
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

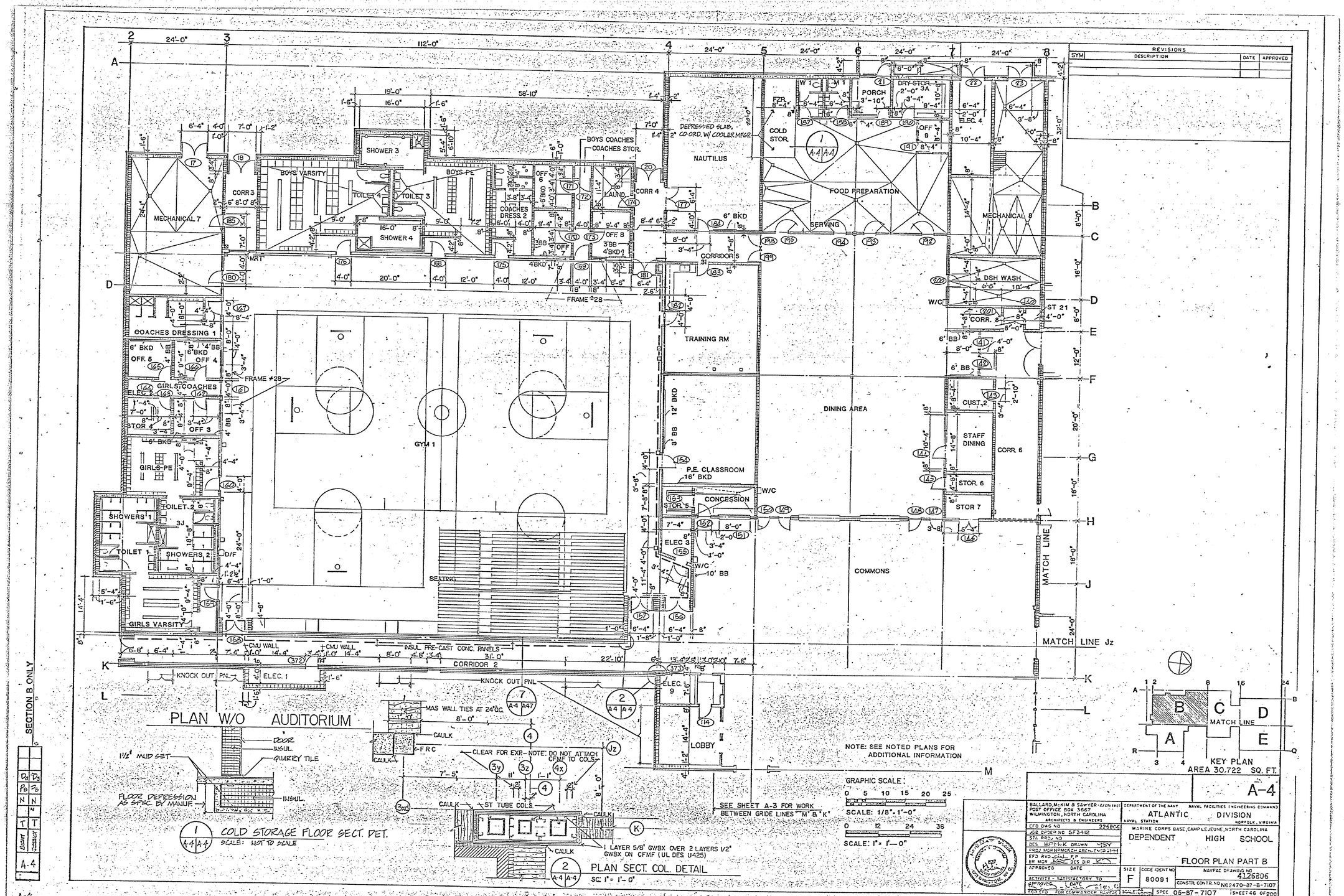
DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

EFD SWG NO 226805
JOB ORDER NO 5F3412
STA PROJ NO
DES BRANCH — DRAWN KST 8/80
PROJ MGR/PHASE CHGR — L.H.B.
EFD PROJ MGR — F.D.
BR MGR — DES DIR
APPROVED — DATE

ACTIVITY - SATISFACTORY TO
APPROVED — DATE
FACILITY FOR COMMANDER NAVFAC

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
FLOOR PLAN PART A

SIZE F — CODE IDENT NO 80091 — NAVFAC DRAWING NO 4126805
SCALE AS NOTED — SPEC 05-87-7107 — CONSTR CONTR NO N62470-87-B-7107
SHEET 45 OF 200



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

SECTION B ONLY

A-4

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

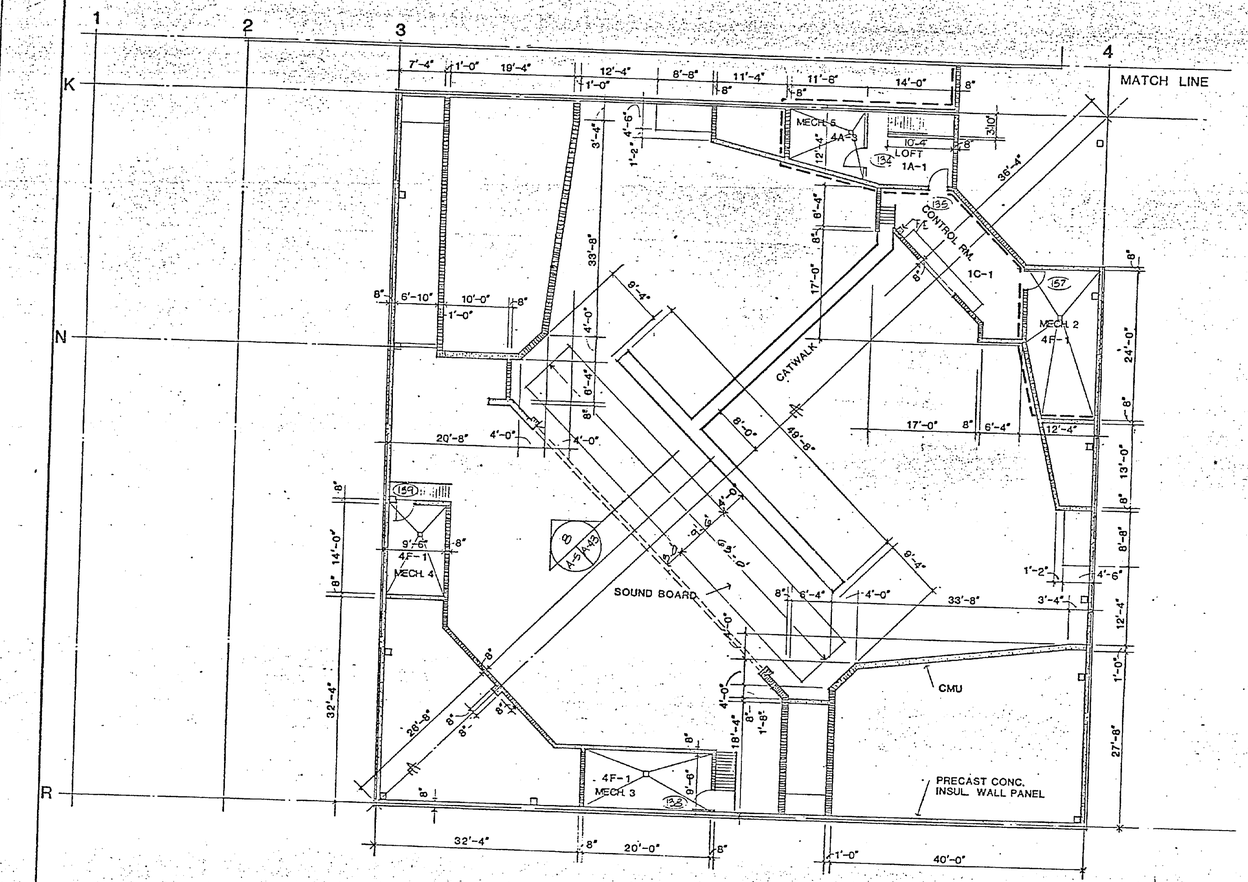
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

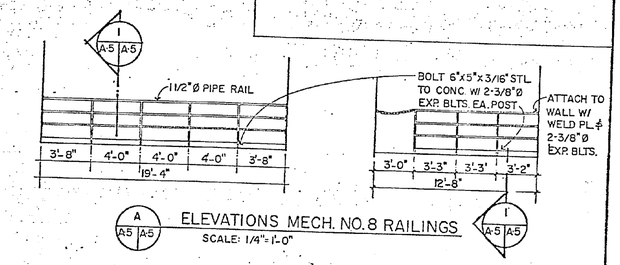
FLOOR PLAN PART B

SIZE	CODE IDENT NO	NAVFAC DRAWING NO
F	80091	4126806

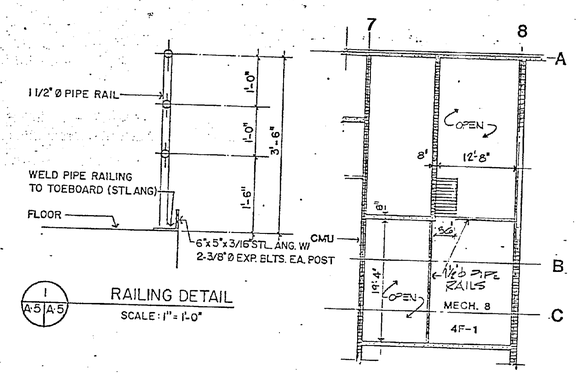
CONSTR. CONTR. NO N62470-87-B-7107
SPEC 05-87-7107 SHEET 46 OF 200

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



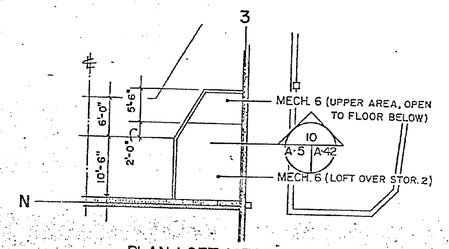


ELEVATIONS MECH. NO. 8 RAILINGS
SCALE: 1/4"=1'-0"

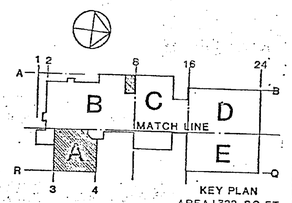


RAILING DETAIL
SCALE: 1"=1'-0"

PLAN LOFT MECH 8



PLAN LOFT MECH 6



KEY PLAN
AREA 1,322 SQ.FT.

LEGEND:
- ACCENT WALLS
- GRAPHIC WALLS
- FIRE WALLS 2 HR

GRAPHIC SCALES:
0 5 10 15 20 25 30
SCALE: 1/8"=1'-0"

SCALE: 1/4"=1'-0"

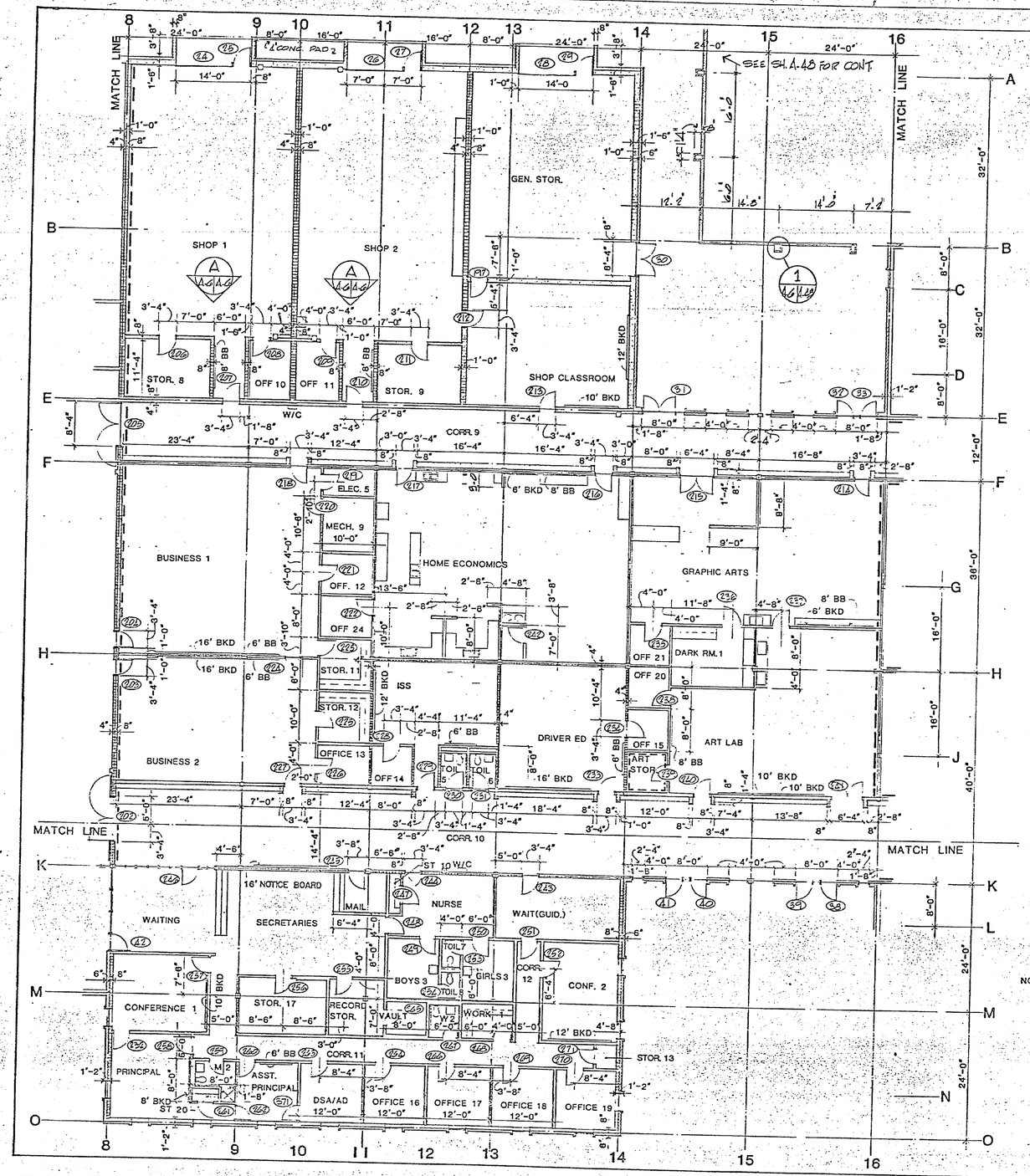
0 6 12 24 36
SCALE: 1"=1'-0"

A-5

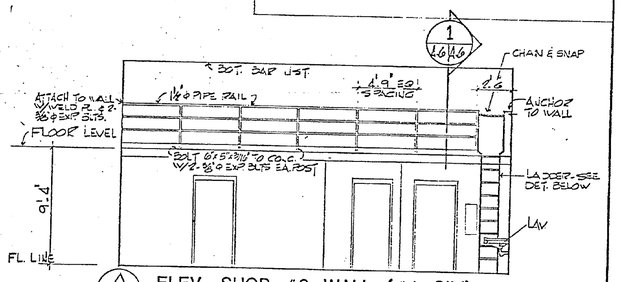
DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
FLOOR PLAN PART A & B LOFT

BALLARD, MIRKIN & SCHAFER ARCHITECTS	
POST OFFICE BOX 1567 WILMINGTON, NORTH CAROLINA	
ARCHITECTS & ENGINEERS	
EFD DWG NO. 226807	
A/E CONTRACT NO. SF 3412	
STD DWG NO.	
DES SYMBOL DRAWN MST	
APPD MOD SYMBOL IN ARCH	
EFD MOD SYMBOL IN CHG	
OF MOD SYMBOL SEE SHT	
APPROVED DATE	
AS-BUILT SUPERSEDED BY	
APPROVED DATE	
RECORD DRAWING	

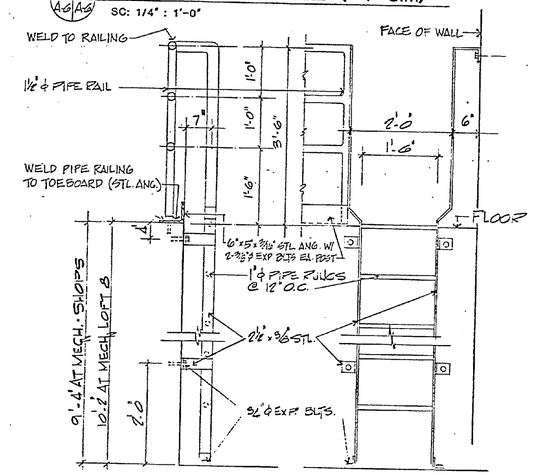
SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126807
CONTR CONTR NO N62470-87-B-7107
SCALE AS SHOWN | SPEC 05-87-7107 | SHEET 47 OF 200



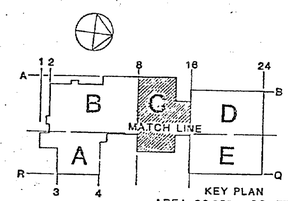
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



A A6 A6.46 ELEV. SHOP #2 WALL (#1 SIM)
SC: 1/4" : 1'-0"



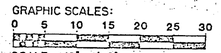
1 A6 A6.46 LADDER DETAILS
SC: 1": 1'-0"

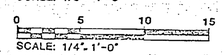


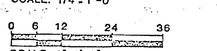
KEY PLAN
AREA 22,956 SQ. FT.

NOTE: SEE NOTED PLANS FOR ADDITIONAL INFORMATION

GRAPHIC SCALES:







A-6

12		12
12		12
N		N
T		T
1 SHEET		1 SHEET

A-6
RECORD
A-5
A-32

DEPARTMENT OF THE NAVY · NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

FLOOR PLAN PART C

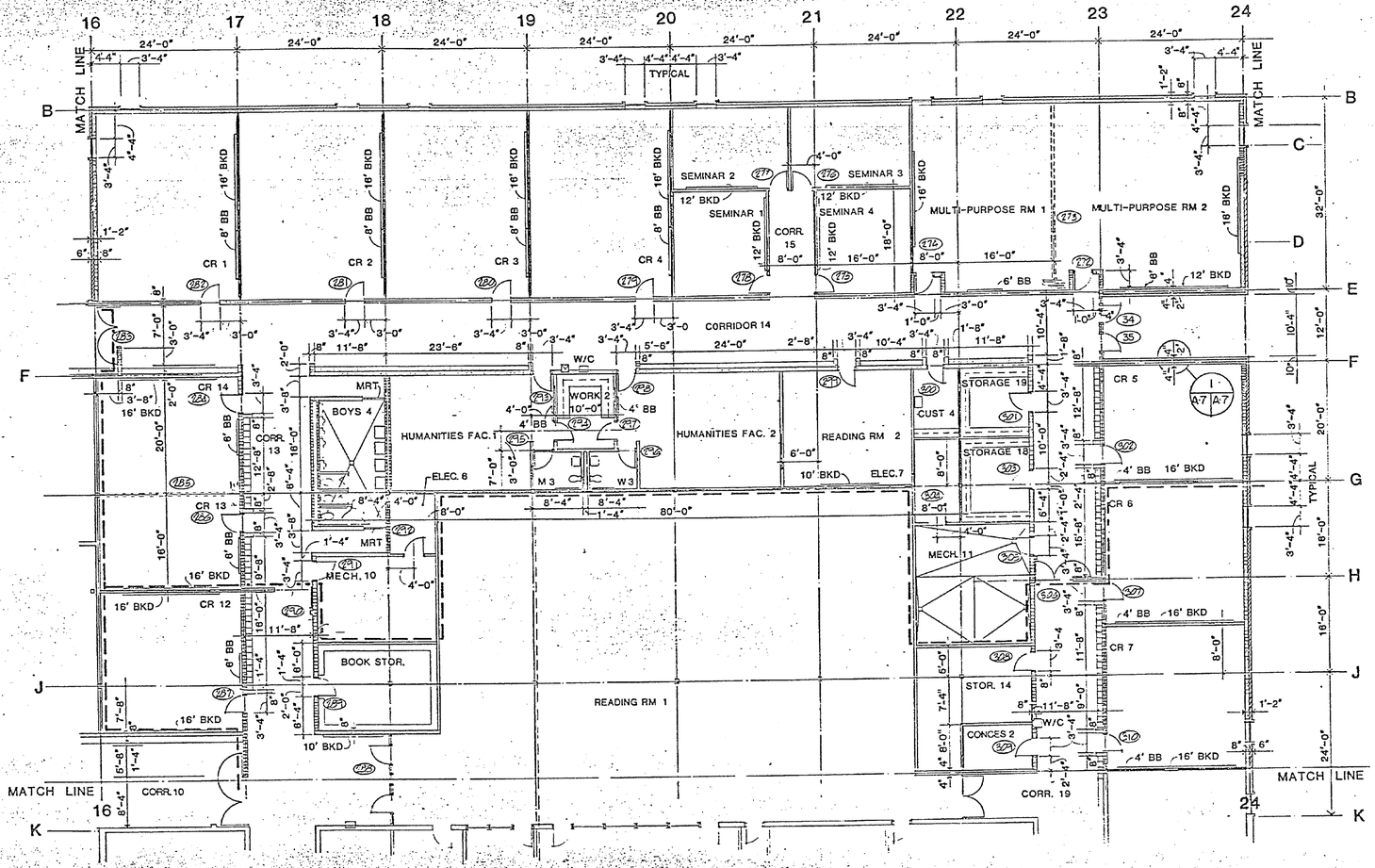
SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4126808

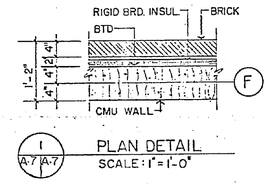
CONSTR CONTR NO. N62470-87-B-7107
SCALE AS NOTED SPEC 05-87-7107 SHEET 48 OF 200

ROBERT P. MURPHY INSTITUTE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS 827 WASHINGTON, N.C.

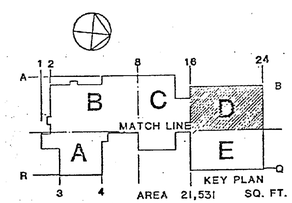
DEPT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND POST OFFICE BOX 3644 WASHINGTON, N.C. 27889
ARCHITECT & ENGINEER
ENG DWG NO. 2126808
DC NUMBER DP2412
TYP PROJ NO.
DES. SECT. CODE SHEET KEY SIGN
DEPT MGR/BRANCH HEAD SIGN
DES SUP SIGN
SR MGR SIGN DES DIR SIGN
APPROVED DATE
ACTIVITY - CONTRACTOR TO
APPROVED
ENTERED RECOMMENDED

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED





I / A-7 A-7 PLAN DETAIL
SCALE: 1" = 1'-0"



NOTE: SEE NOTED PLANS FOR ADDITIONAL INFORMATION

GRAPHIC SCALE:
0 5 10 15 20 25 30
SCALE: 1/8" = 1'-0"

0 12 24 36
SCALE: 1"-0"

A-7

BALLARD, MCKIM & SAWYER ARCHITECTS
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

EFD DWG NO	226909
CNC SHEET NO	SP3412
EFD PROJ NO	
SEE APPVL ORIGN KEY	
PROJ MGR SIGNATURE & DATE	
EFD BRANCH OR MGR SIGNATURE & DATE	
APPROVED DATE	
SUITABLE / SATISFACTORY TO SERVICES / DATE APPROVED FOR GOVERNMENT USE	

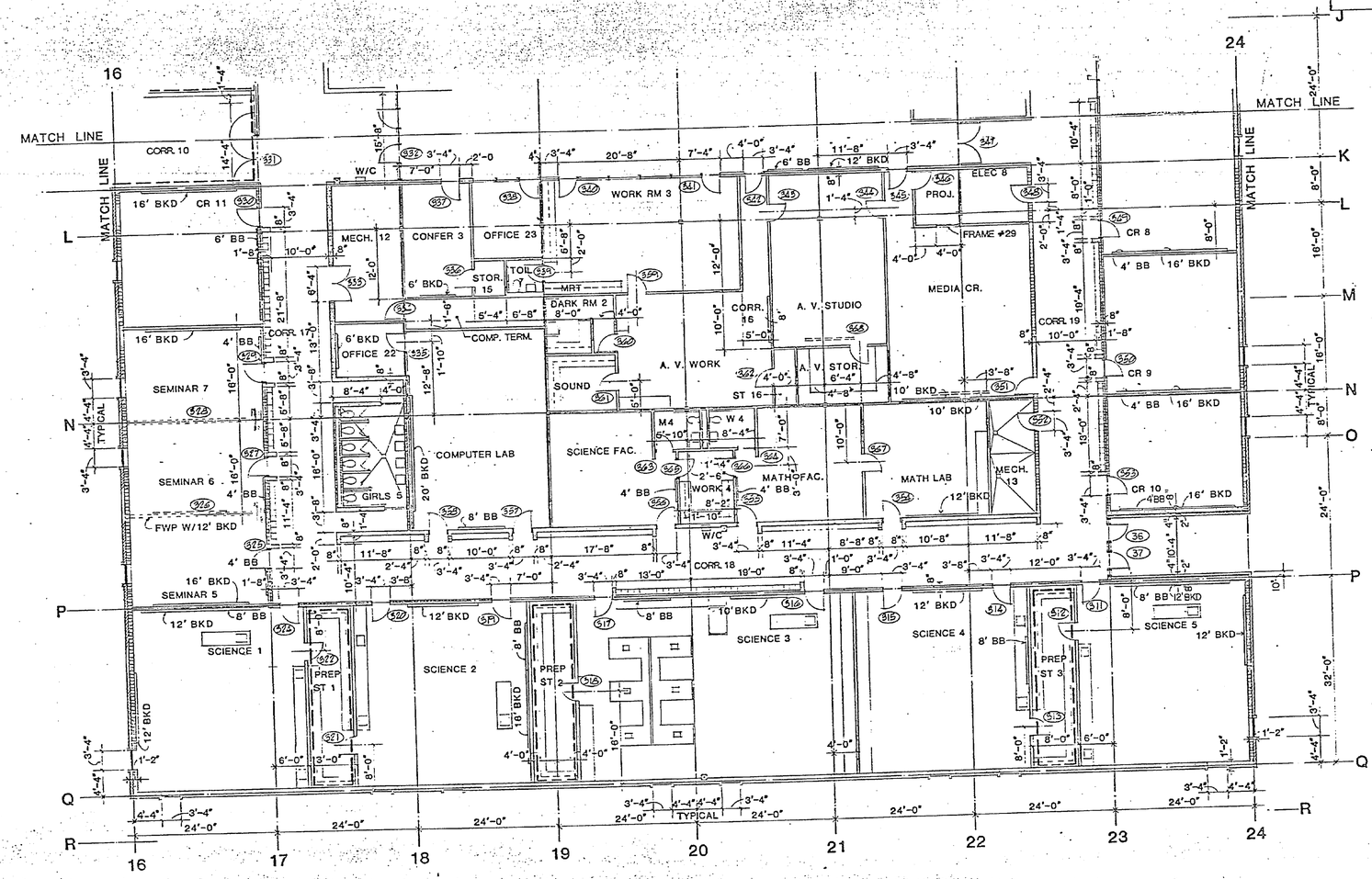
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
FLOOR PLAN PART D

SIZE	IDENT NO	NAVFAC DRAWING NO
F	80091	4126809
	CONSTR CONTR NO	N62470-87-B-7107
SCALE As noted	SPEC	05-87-7107

SHEET 49 OF 200

PROJECT ENGINEER
ROBERT F. MCKIM
REGISTERED
827
WILMINGTON, N.C.

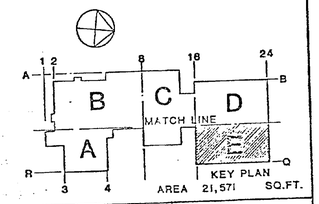
D	P		
P2	P2		
N	N		
T	T		
Plan	Origin		
A-7			
BC 6			
A-7			
A-93			



NOTE: SEE NOTED PLANS FOR ADDITIONAL INFORMATION

GRAPHIC SCALE: 0 5 10 15 20 25 30

SCALE: 1/8"-1'-0"



A-8

BALLARD, McKIM & SAWYER Architects
POST OFFICE BOX 3567
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO. 226810
JOB ORDER NO. 5F3412
STA PROJ NO
DES MNGR DRAWN HST
PROJ MGR MNGR CH ARCH/ENGR
EFD RVD FP
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
TO BEST FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

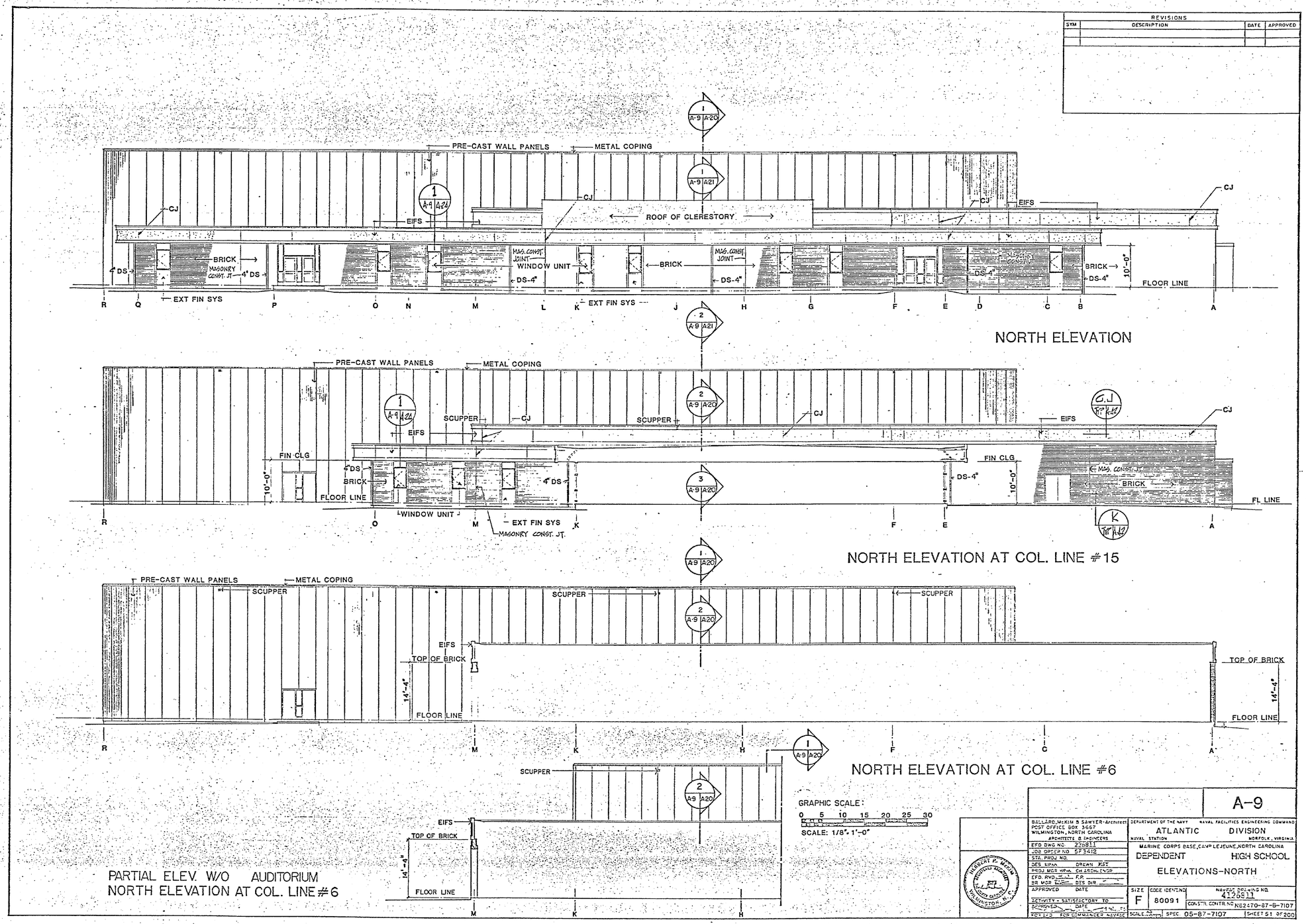
FLOOR PLAN PART E

SIZE F | CODE IDENT NO. 80091 | DRAWING NO. 4126810
CONSTR CONTR NO. N62470-87-B-7107
SCALE | SPEC 05-87-7107 | SHEET 60 OF 200

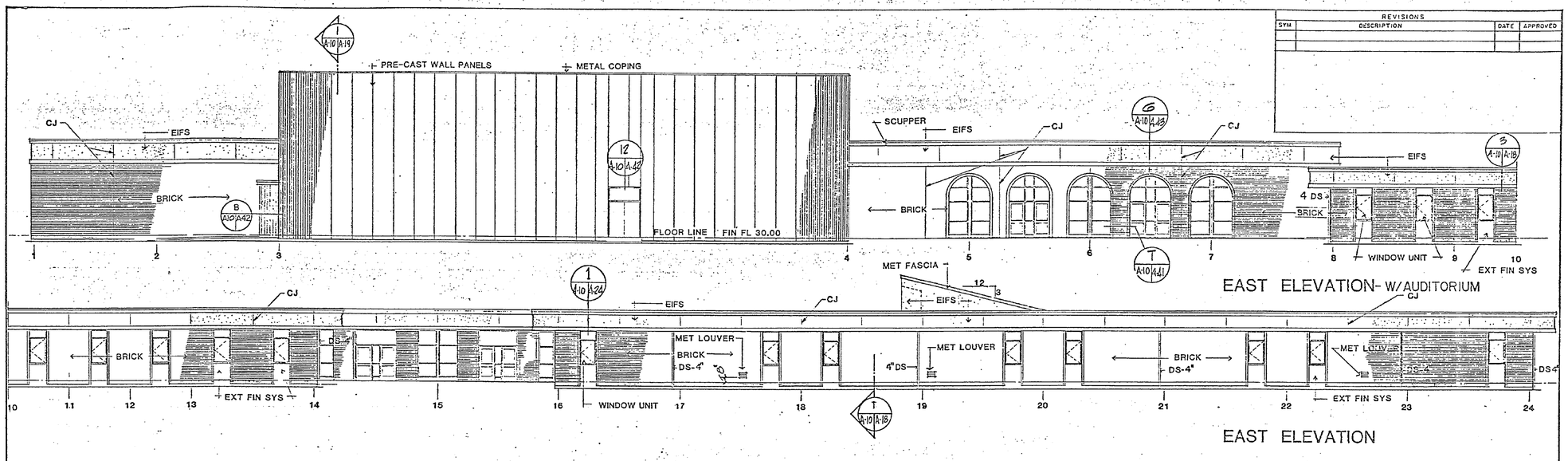
REVISIONS

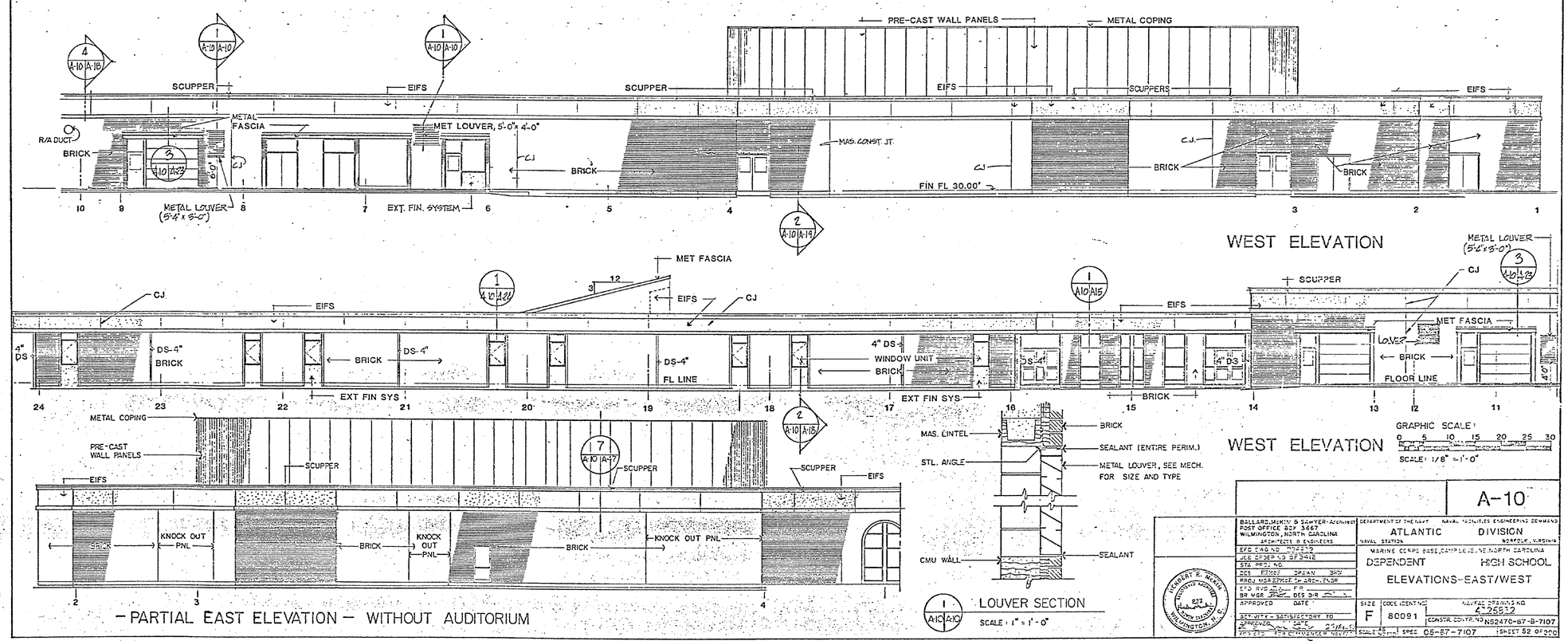
SYM	DESCRIPTION	DATE	APPROVED

D.	D.
PE	PE
CN	
T	T
AUDIT	ENGINEER
A-8	
DWG NO	
A-8	
A-34	



REVISIONS
SYM
DESCRIPTION
DATE
APPROVED
PRE-CAST WALL PANELS
METAL COPING
ROOF OF CLERESTORY
CJ
EIFS
BRICK
MASONRY CONST. JT.
4" DS
MAS. CONST. JOINT
WINDOW UNIT
DS-4"
10'-0"
FLOOR LINE
EXT FIN SYS
NORTH ELEVATION
SCUPPER
FIN CLG
FL LINE
NORTH ELEVATION AT COL. LINE #15
TOP OF BRICK
14'-4"
NORTH ELEVATION AT COL. LINE #6
GRAPHIC SCALE:
0 5 10 15 20 25 30
SCALE: 1/8"=1'-0"
PARTIAL ELEV. W/O AUDITORIUM
NORTH ELEVATION AT COL. LINE #6
A-9
BALLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS
EFD DWG NO. 226811
JOB ORDER NO 5F3412
STA. PROJ NO.
DES. LPM DRAWN KST
PROJ MGR HPM CH. ARCH. ENGR
EFD. RVD. F.P.
BR MGR DES DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR COMMANDER NAVFAC
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
ELEVATIONS-NORTH
SIZE F
CODE IDENT NO 80091
NAVFAC DRAWING NO. 4126811
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED
SPEC. 05-87-7107
SHEET 51 OF 200





REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

A-10

BALLARD, MCKIM & SAWYER-ARCHITECT
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

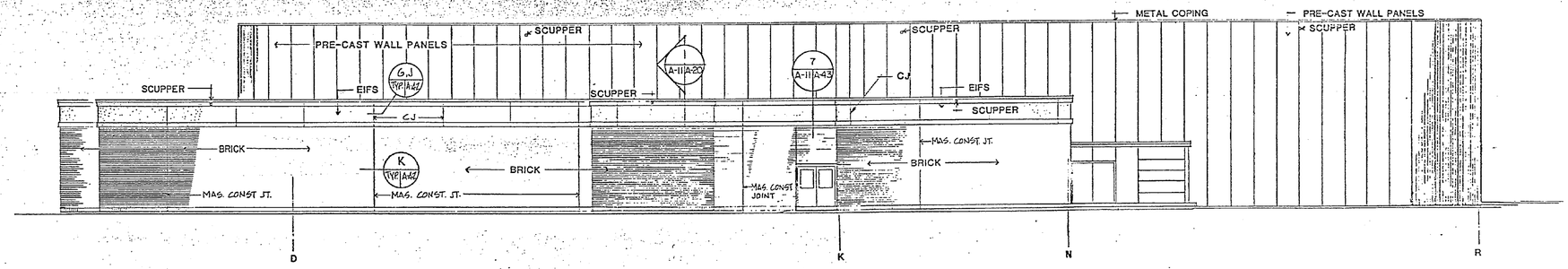
EFD DWG NO. 1105-10
DES DEPT NO. 8F3412
STA PROJ NO.
DES BRANCH SPRAIN BRN
PROJ MGR/ENGR C. ARC-ENGR
EFD RVD ENGR FD
BR MGR DES DIR
APPROVED DATE

ACTIVITY - SATISFACTORY TO
APPROVED DATE 2-1-58

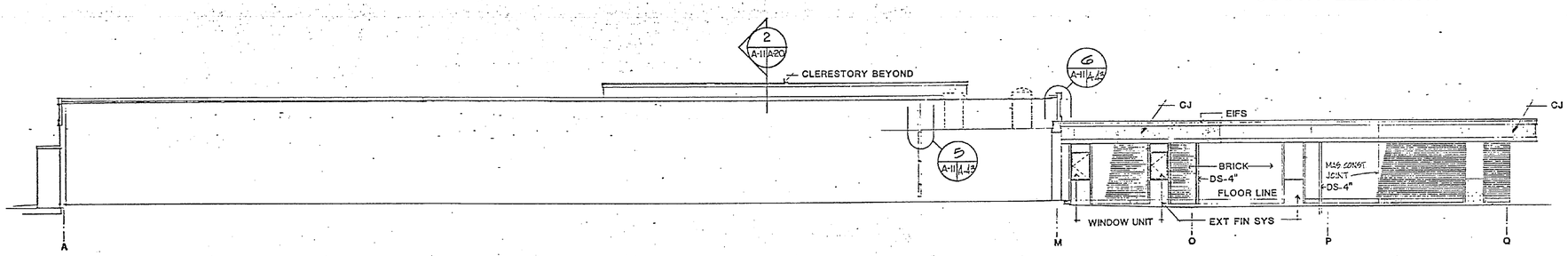
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
ELEVATIONS-EAST/WEST

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4-25512
CONSTR. CONTR. NO N52470-57-B-7107
SCALE 1/8" | SPEC 05-57-7107 | SHEET 52 OF 200

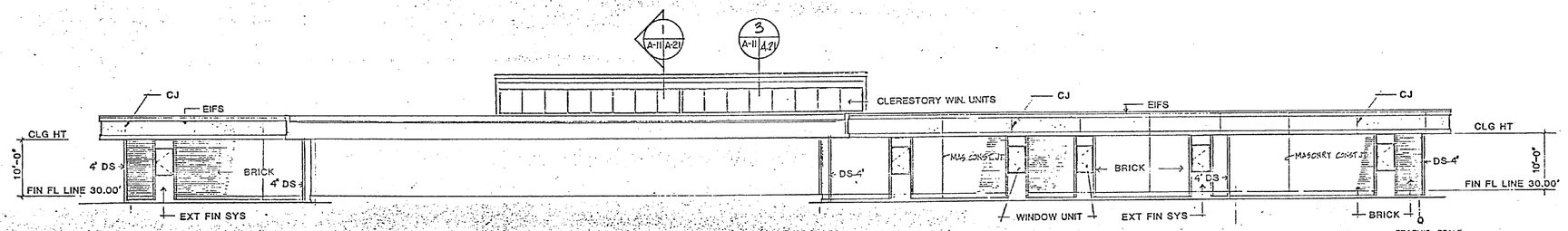
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



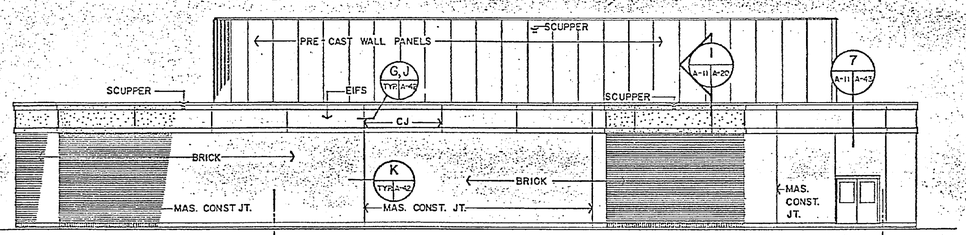
SOUTH ELEVATION



SOUTH ELEVATION AT COL. LINE #7 & #8



SOUTH ELEVATION AT COL. LINE #15



– SOUTH ELEVATION – WITHOUT AUDITORIUM

GRAPHIC SCALE: 0 5 10 15 20 25 30

SCALE: 1/8" = 1'-0"

A-11

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 226813
JOB ORDER NO 5F3412
STA. PROJ. NO
DES. XPNCR DRAWN BWN
PROJ MGR XPNCR CH ARCHITECTS
EFD RVD F.P.
SR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
ELEVATIONS-SOUTH

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4226813
CONSTR CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 53 OF 200

DOOR	SIZE	DOOR EL.	DOOR LABEL	FRAME EL.	DETAILS HEAD	DETAILS JAMB	DETAILS THR.	REMARKS	HDW NO.
1	3/0 x 7/0 x 1-3/4	E-2		F-1	8	6	7		HW-1
2	3/0 x 7/0 x 1-3/4	E-2		F-1	8	6	7		HW-1
3	3/0 x 7/0 x 1-3/4	E-2		F-1	8	6	7		HW-1
4	3/0 x 7/0 x 1-3/4	E-2		F-1	8	6	7		HW-1
5	3/0 x 7/0 x 1-3/4	E-2		F-1	8	6	7		HW-1
6	3/0 x 7/0 x 1-3/4	E-2		F-1	8	6	7		HW-1
7	3/0 x 7/0 x 1-3/4	E-2		F-2	8	6	10		HW-2
8	3/0 x 7/0 x 1-3/4	E-2		F-2	8	6	10		HW-1
9	3/0 x 7/0 x 1-3/4	E-3		F-3	14	15	36	LOUVER 24" x 24"	HW-19
10	3/0 x 7/0 x 1-3/4	E-3		F-4	14	15	10		HW-3
11	3/0 x 7/0 x 1-3/4	E-3		F-4	14	15	10		HW-2
12	PR 3/0 x 7/0 x 1-3/4	E-3		F-5	18	15	10		HW-4
13	8/0 x 10/0x 1-3/4	E-8		F-7	28	27	26	OVHD DR	HW-5
14	PR 3/8 x 7/0 x 1-3/4	E-3		F-6	23	20	10		HW-6
15	PR 3/0 x 7/0 x 1-3/4	E-3		F-8	14	15	10		HW-7
16	PR 3/0 x 7/0 x 1-3/4	E-1		F-8	14	15	10		HW-4
17	PR 3/0 x 7/0 x 1-3/4	E-3	C 3/4 HR	F-6	23	24	36		HW-9
18	PR 3/4 x 7/0 x 1-3/4	E-1		F-8	6/A47	7/A41	10		HW-4
19	DELETED								
20	PR 3/4 x 7/0 x 1-3/4	E-1		F-8	6/A47	7/A41	36		HW-4
21	3/6 x 7/0 x 1-3/4	E-1		F-12	18	15	17		HW-8
22	PR 3/0 x 7/0 x 1-/34	E-3		F-5	18	15	36	LOUVER 24"x24"	HW-9
23	PR 3/0 x 7/0 x 1-3/4	E-3		F-5	18	15	36	LOUVER 24"x24"	HW-9
24	10/0 x10/0x 1-3/4	E-8		F-18	42	43	41	OVHD DR	HW-5
25	3/0 x 7/0 x 1-3/4	E-1		F-18	37	39	36		HW-10
26	10/0 x10/0x 1-3/4	E-8		F-18	42	43	41	OVHD DR	HW-5
27	3/0 x 7/0 x 1-3/4	E-1		F-18	37	39	36		HW-10
28	10/0 x10/0x 1-3/4	E-8		F-18	42	43	41	OVHD DR	HW-5
29	3/0 x 7/0 x 1-3/4	E-1		F-18	37	39	41		HW-10
30	PR 3/0 x 7/0 x 1-3/4	E-3		F-8	14	15	36		HW-11
31	PR 3/0 x 7/0 x 1-3/4	E-2		F-19	8	15	10		HW-12
32	3/0 x 7/0 x 1-3/4	E-2		F-20	8	15	10		HW-3
33	3/0 x 7/0 x 1-3/4	E-2		F-20	8	15	10		HW-3
34	3/0 x 7/0 x 1-3/4	E-2		F-27	8	6	10		HW-2
35	3/0 x 7/0 x 1-3/4	E-2		F-27	8	6	10		HW-2
36	3/0 x 7/0 x 1-3/4	E-2		F-27	8	6	10		HW-2
37	3/0 x 7/0 x 1-3/4	E-2		F-27	8	6	10		HW-2
38	3/0 x 7/0 x 1-3/4	E-2		F-20	8	15	10		HW-3
39	3/0 x 7/0 x 1-3/4	E-2		F-20	8	15	10		HW-3
40	3/0 x 7/0 x 1-3/4	E-2		F-20	8	15	10		HW-3
41	3/0 x 7/0 x 1-3/4	E-2		F-20	8	15	10		HW-3
42	3/0 x 7/0 x 1-3/4	E-2		F-21	8	15	10		HW-10
43	DELETED								
44	3/0 x 7/0 x 1-3/4	E-3		F-3	14	15	36		HW-[illegible]
45	3/4 x 7/0 x 1-/34	E-3		F-3	14	15	22		HW-35
46	2/8 x 7/0 x 1-3/4	E-3		F-3	14	15	36		HW-34
47	3/4 x 7/0 x 1-3/4	E-3		F-3	14	15	22		HW-35
48	3/4 x 7/0 x 1-3/4	E-3		F-3	14	15	22		HW-35
49	2/8 x 7/0 x 1-3/4	E-3		F-3	14	15	36		HW-34
50	3/4 x 7/0 x 1-3/4	E-3		F-3	14	15	22		HW-35
51	PR 3/0 x 7/0 x 1-3/4	E-2		F-8	14	15	36		HW-11
52	3/0 x 7/0 x 1-3/4	E-3		F-3	14	15	36		HW-8
53	8/0 x 7/0 x 1-3/4	E-8		F-7	28	27	26	OVHD DR	HW-5
54	8/0 x 7/0 x 1-3/4	E-8		F-7	28	27	26	OVHD DR	HW-5
55	3/0 x 7/0 x 1-3/4	E-3		F-3	14	15	36		HW-8
56	10/0 x 4/8	E-6			DET.	SH.	#49	OVHD COILING DR	HW-5
57	3/0 x 7/0 x 1-3/4	E-3		F-3	14	15	36		HW-8
58	3/0 x 7/0 x 1-3/4	E-3		F-3	14	15	36		HW-10

DOOR	SIZE	DOOR EL.	DOOR LABEL	FRAME EL.	DETAILS HEAD	DETAILS JAMB	DETAILS THR.	REMARKS	HDW NO.
101	PR-3/0 x 7/0 x 1-3/4	E-4		F-8	14	15	13		HW-30
102	PR 3/3 x 7/0 x 1-3/4	E-4		F-8	14	15	13		HW-30
103	3/0 x 7/0 x 1-3/4	E-5		F-4	14	15	13		HW-14
104	3/0 x 7/0 x 1-3/4	E-5		F-4	14	15	13		HW-14
*105	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	16	LOUVER 10"x10"	HW-24
106	PR 3/4 x 7/0 x 1-3/4	E-3	B-1-1/2	F-8	14	15	13		HW-17
107	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
108	3/0 x 7/0 x 1-3/4	E-4	B-1-1/2	F-9	14	15	13		HW-14
109	3/0 x 7/0 x 1-3/4	E-4	B-1-1/2	F-9	14	15	13		HW-15
110	3/0 x 7/0 x 1-3/4	E-4	B-1-1/2	F-9	14	15	13		HW-15
111	3/0 x 7/0 x 1-3/4	E-4	B-1-1/2	F-9	14	15	13		HW-14
112	PR 3/0 x 7/0 x 1-3/4	E-5		F-8	14	15	13		HW-18
113	PR 3/0 x 7/0 x 1-3/4	E-5		F-8	14	15	13		HW-18
114	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13	UNDERCUT 1/2"	HW-16
115	PR 3/0 x 7/0 x 1-3/4	E-5		F-8	14	15	13		HW-20
116	PR 2/6 x 7/0 x 1-3/4	E-4		F-8	14	15	13	UNDERCUT 3/4"	HW-20
117	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	30	UNDERCUT 3/4"	HW-21
118	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	30	UNDERCUT 3/4"	HW-21
119	PR 2/6 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-13
120	PR 2/6 x 7/0 x 1-3/4	E-5		F-8	14	15	13		HW-18
121	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-24
122	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
123	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
124	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
125	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-23
126	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
127	PR 3/0 x 7/0 x 1-3/4	E-5		F-8	14	15	13		HW-20
128	8/0 x 10/0x 1-3/4	E-8		F-7	28	27	25	OVHD DR	HW-5
129	PR 3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-13
130	PR 3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-13
131	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-24
132	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-16
133	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-23
134	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-23
135	3/0 x 7/0 x 1-3/4	E-3	B-1-1/2	F-3	14	15	13		HW-24
136	DELETED								
137	3/0 x 7/0 x 1-3/4	E-3	B-1-1/2	F-3	14	15	13		HW-25
138	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-23
139	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-23
140	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-24
141	3/0 x 7/0 x 1-3/4	E-2		F-13	14	15	16		HW-14
142	3/0 x 7/0 x 1-3/4	E-2		F-13	14	15	16		HW-14
143	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	16	LOUVER 10"x10"	HW-24
144	3/0 x 7/0 x 1-3/4	E-2		F-14	14	15	13		HW-26
145	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-16
146	PR 3/0 x 7/0 x 1-3/4	E-5		F-8	14	15	17		HW-30
147	3/0 x 7/0 x 1-3/4	E-2		F-15	14	15	13		HW-15
148	3/0 x 7/0 x 1-3/4	E-2		F-15	14	15	13		HW-15
149	3/0 x 7/0 x 1-3/4	E-2		F-15	14	15	13		HW-15
150	3/0 x 7/0 x 1-3/4	E-2		F-15	14	15	13		HW-15
151	8/0 x 3/10x 1-3/4	E-6			50	49	48	OVHD COILING DR	HW-5
152	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	22		HW-24
153	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	22		HW-16
154	3/4 x 7/0 x 1-3/4	E-4	B 1-1/2	F-11	23	24	16		HW-37
155	3/0 x 7/0 x 1-3/4	E-5	B 1-1/2	F-3	14	15	13		HW-25
156	PR 3/0 x 7/0 x 1-3/4	E-4	B 1-1/2	F-6	23	24	16		HW-22
157	PR 3/0 x 7/0 x 1-3/4	E-4	B 1-1/2	F-6	23	24	16		HW-22
158	PR 3/0 x 7/0 x 1-3/4	E-4	B 1-1/2	F-6	23	24	16		HW-27
159	3/4 x 7/0 x 1-3/4	E-4		F-11	23	24	22		HW-21
160	3/4 x 7/0 x 1-3/4	E-4		F-11	23	24	22		HW-21
161	3/4 x 7/0 x 1-3/4	E-4		F-11	23	24	16		HW-36
162	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
163	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-16
164	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13	LOUVER 24" x 24"	HW-23
165	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
166	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
167	3/4 x 7/0 x 1-3/4	E-4		F-11	23	24	22		HW-21
168	3/4 x 7/0 x 1-3/4	E-4		F-11	23	24	16		HW-21
169	3/4 x 7/0 x 1-3/4	E-4		F-11	23	24	16		HW-36
170	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
171	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
172	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-23
173	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
174	3/0 x 7/0 x 1-3/4	E-4	B-1 1/2 HR	F-3	14	15	13		HW-24
175	3/4 x 7/0 x 1-3/4	E-4		F-11	23	24	22		HW-21
176	3/4 x 7/0 x 1-3/4	E-4		F-11	23	24	22		HW-21

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

DOOR	SIZE	DOOR EL.	DOOR LABEL	FRAME EL.	DETAILS HEAD	DETAILS JAMB	DETAILS THR.	REMARKS	HDW NO.
177	PR 3/0 x 7/0 x 1-3/4	E-4	C 3/4 HR	F-8	14	15	16		HW-30
178	DELETED								
179	DELETED								
180	3/4 x 7/0 x 1-3/4	E-5		F-11	14	15	16		HW-25
181	PR 3/0 x 7/0 x 1-3/4	E-4	B 1-1/2	F-8	14	15	16		HW-27
182	3/4 x 7/0 x 1-3/4	E-4	B 1-1/2	F-11	23	24	16		HW-37
183	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	16		HW-24
184	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	16		HW-24
185	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	16		HW-25
186	DELETED								
187	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13	LOUVER 12"x12"	HW-21
188	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13	LOUVER 12"x12"	HW-21
189	3/6 x 7/0 x 1-3/4	E-1		F-3	14	15	13		HW-28
190	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-26
191	3/0 x 7/0 x 1-3/4	E-1		F-17	32	12&6	13		HW-26
192	3/0 x 7/0 x 1-3/4	E-2		F-16	14	6	13		HW-26
193	3/0 x 7/0 x 1-3/4	E-2		F-16	14	6	13		HW-26
194	3/0 x 7/0 x 1-3/4	E-2		F-16	14	6	13		HW-26
195	3/0 x 7/0 x 1-3/4	E-2		F-16	14	6	13		HW-26
196	DELETED								
197	3/0x 7/0 x 1-3/4	E-4	C 3/4 HR	F-3	14	15	–		HW-24
198	3/0 x 7/0 x 1-3/4	E-2		F-4	14	15	13		HW-14
199	3/0 x 7/0 x 1-3/4	E-2		F-4	14	15	13		HW-14
200	3/0 x 7/0 x 1-3/4	E-1		F-3	14	15	13		HW-26
201	3/0 x 7/0 x 1-3/4	E-1		F-3	14	15	16		HW-24
202	PR 4/0 x 7/10x 1-3/4	E-3	B 1-1/2	F-22	35	34	33		HW-17
203	3/0 x 7/0 x 1-3/4	E-4	B 1-1/2	F-3	14	15	33		HW-24
204	3/0 x 7/0 x 1-3/4	E-4	B 1-1/2	F-3	14	15	33		HW-24
205	PR 4/0 x 7/10x 1-3/4	E-3	B 1-1/2	F-22	35	34	33		HW-17
206	3/0 x 7/0 x 1-3/4	E-4	C 3/4 HR	F-3	14	15	–		HW-24
207	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
208	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	–		HW-16
209	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	–		HW-16
210	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
211	3/0 x 7/0 x 1-3/4	E-4	C 3/4 HR	F-3	14	15	–		HW-24
212	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	–		HW-16
213	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
214	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
215	PR 3/0 x 7/0 x 1-3/4	E-4		F-8	14	15	13		HW-30
216	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
217	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
218	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
219	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30	LOUVER 24" X 24"	HW-23
220	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-23
221	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	30	UNDERCUT 1"	HW-16
222	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	30	UNDERCUT 1"	HW-16
223	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-16
224	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	–		HW-16
225	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-16
226	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	–	UNDERCUT 1"	HW-16
227	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	–		HW-24
228	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	–	UNDERCUT 1"	HW-16
229	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	–		HW-24
230	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	21	UNDERCUT 3/4"	HW-29
231	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	21	UNDERCUT 3/4"	HW-29

DOOR EL: SEE SHEET A-14

FRAME EL: SEE SHEET A-14

DETAILS: SEE SHEET A-15

HDW NO: SEE SPECIFICATIONS

* DOOR NO. 105 TO BE DELETED AT PLAN WITHOUT AUDITORIUM & HM FRAME TO RECEIVE GLASS AS DET.– SHOWN AS FRAME ELEVATION NO. 30

A-12

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3657
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 226814
JOB ORDER NO 5F3412
STA PROJ NO
DES BPMcK DRAWN BWN
PROJ MGR BPMcK CH ARCH/ENGR
EFD. RVD F.P.
BR. MGR DES DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

DOOR SCHEDULE

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126814
CONSTR. CONTR. NO N 62470-87-B-7107
SCALE | SPEC 05-87-7107 | SHEET 54 OF 200
EFD DWG NO

A-12
DWG. NO.

		DOOR		FRAME	DETAILS				
DOOR	SIZE	EL.	LABEL	EL.	HEAD	JAMB	THR.	REMARKS	HDW NO.
232	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	-		HW-16
233	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	-		HW-24
234	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	30	UNDERCUT 1"	HW-16
235	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-	UNDERCUT 1"	HW-16
236	3/6 x 7/0 x 1-3/4	E-5		F-10	32	31	-		HW-33
237	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-		HW-16
238	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-	UNDERCUT 1"	HW-16
239	3/0 x 7/0 x 1-3/4	E-5	B 1-1/2	F-10	34	35	-		HW-24
240	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
241	PR 3/0 x 7/0 x 1-3/4	E-4		F-8	14	15	13		HW-30
242	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-		HW-31
243	3/0 x 8/0 x 1-3/4	E-4		F-3	14	15	-		HW-24
244	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	-		HW-24
245	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	-		HW-24
246	3/0 x 7/0 x 1-3/4	E-2		F-23	8	6	-		HW-24
247	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	-		HW-16
248	3/0 x 7/0 x 1-34	E-4		F-10	32	31	-		HW-16
249	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	30		HW-31
250	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	30		HW-31
251	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-		HW-16
252	3/0 x 7/0 x 1-3/4	E-3		F-10	32	31	-		HW-16
253	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30	UNDERCUT 1/2"	HW-31
254	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30	UNDERCUT 1/2"	HW-31
255	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	-	UNDERCUT 1/2"	HW-16
256	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-16
257	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-		HW-16
258	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-		HW-16
259	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	21	LOUVER 10"X10"	HW-31
260	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-		HW-16
261	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	-		HW-32
262	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-		HW-16
263	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-		HW-16
264	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	-		HW-16
265	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31			HW-24
266	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-16
267	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	21	UNDERCUT 1"	HW-31
268	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-16
269	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-15
270	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-16
271	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-16
272	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
273	31/0 x10/0	E-7						FLDG DR	
274	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
275	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-24
276	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-24
277	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-24
278	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-24
279	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
280	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
281	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
282	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
283	PR 3/0 x 7/10x 1-3/4	E-3	B 1-1/2	F-22	35	34			HW-17
284	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
285	23'-1 7/8" x 10'-0"	E-7						FLDG DR	
286	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
287	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
288	3/0 x 7/0 x 1-3/4	E-2		F-24	8	6			HW-15
289	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
290	PR 3/0 x 7/10 x 1-3/4	E-3	B 1-1/2	F-22	35	34			HW-17
291	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13	LOUVER 24"x 24"	HW-25
292	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31		LOUVER 24"x 24"	HW-23
293	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
294	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-32
295	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	21	UNDERCUT 1"	HW-31
296	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	21	UNDERCUT 1"	HW-31
297	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-32
298	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	16		HW-24
299	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	16		HW-24
300	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13	12"x 12" LOUVER	HW-24
301	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-24
302	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
303	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-24
304	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31		LOUVER 24" x 24"	HW-23
305	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-25
306	PR 3/0 x 7/0 x 1-3/4	E-3	B 1-1/2	F-22	35	34			HW-17
307	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
308	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24

		DOOR		FRAME	DETAILS				
DOOR	SIZE	EL.	LABEL	EL.	HEAD	JAMB	THR.	REMARKS	HDW NO.
309	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
310	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
311	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
312	3/0 x 7/0 x 1-3/4	E-5	B 1-1/2	F-10	35	34			HW-24
313	3/0 x 7/0 x 1-3/4	E-5	B 1-1/2	F-10	35	34			HW-24
314	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
315	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
316	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
317	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
318	3/0 x 7/0 x 1-3/4	E-5	B 1-1/2	F-10	35	34			HW-24
319	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
320	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
321	3/0 x 7/0 x 1-3/4	E-5	B 1-1/2	F-10	35	35			HW-24
322	3/0 x 7/0 x 1-3/4	E-5	B 1-1/2	F-10	35	34			HW-24
323	DELETED								
324	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
325	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
326	23/0 x10/0	E-7						FLDG DR	
327	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
328	23/0 x10/0	E-7						FLDG DR	
329	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
330	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-24
331	PR 3/0 x 7/10x 1-3/4	E-3	B 1-1/2	F-22	35	34			HW-17
332	3/0 x 7/0 x 1-3/4	E-2		F-24	8	6			HW-15
333	PR 3/0 x 7/0 x 1-3/4	E-5		F-8	14	15	13		HW-25
334	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31			HW-25
335	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-16
336	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-16
337	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-16
338	3/0 x 7/0 x 1-3/4	E-2		F-25	14	15			HW-16
339	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	21	UNDERCUT 1"	HW-31
340	3/0 x 7/0 x 1-3/4	E-2		F-26	14	15			HW-16
341	3/0 x 7/0 x 1-3/4	E-2		F-26	14	15			HW-16
342	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15	13		HW-16
343	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	30		HW-16
344	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-16
345	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-16
346	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31		UNDERCUT 1/2"	HW-16
347	PR 3/0 x 7/0 x 1-3/4	E-2		F-8	14	15			HW-27
348	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15	13		HW-25
349	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
350	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
351	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
352	3/0 x 7/0 x 1-3/4	E-5	C 3/4 HP	F-3	14	15	13		HW-25
353	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
354	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
355	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
356	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
357	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
358	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-24
359	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31	30		HW-16
360	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30	LOUVER 8"x24"	HW-33
361	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-33
362	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31			HW-16
363	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	21	UNDERCUT 1"	HW-31
364	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	21	UNDERCUT 1"	HW-31
365	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-32
366	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-32
367	3/0 x 7/0 x 1-3/4	E-4		F-10	32	31			HW-16
368	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31	30		HW-16
369	3/0 x 7/0 x 1-3/4	E-4		F-3	14	15			HW-16
370	DELETED								
371	3/0 x 7/0 x 1-3/4	E-5		F-10	32	31			HW-16
372	3/0 x 7/0 x 1-3/4	E-5		F-3	14	15			HW-23
373	3/0 7/0 1-3/4	E-5		F-3	14	15			HW-23

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

A-13

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 226815
JOB ORDER NO 5F5412
STA. PROJ. NO
DES EPM DRAWN
PROJ MGR / BRANCH ARCH/ENGR
EFD RVD F.P.
BR MGR DES DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
DOOR SCHEDULE

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126815
CONSTR CONTR. NO. N 62470-67-B-7107
SCALE | SPEC 05-87-7107 | SHEET 55 OF 200
EFD DWG. NO.

HERBERT P. McKIM REGISTERED ARCHITECT 627 NORTH CAROLINA WILMINGTON, N.C.

A-13

NOTE: ALL EXT GL TO BE 1/4" TMPD HEAT ABSORBING GL
ALL INT GL TO BE 1/4" VERT/HORIT WGL

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

A-14

BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 225816
JOB ORDER NO 5F3412
STA PROJ NO
DES. DRAWN
PROJ MGR CH ARCH/ENGR
EFD RVD F.P.
BR MGR DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
DOOR & FRAME ELEVATIONS

SIZE F | CODE IDENT. NO 80091 | NAVFAC DRAWING NO. 4126816
CONSTR. CONTR. NO N62470-67-B-7107
SCALE AS NOTED | SPEC. 05-67-7107 | SHEET 50 OF 200

HERBERT P. McKIM REGISTERED ARCHITECT 827 WILMINGTON, N.C.

A-14

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

50 HEAD A-14/A-15 — MSNRY LNTL AS SCH; OVHD COILING DOOR; TRACK MTD TO WALL

49 JAMB A-14/A-15 — PLASTIC LAM SCH COUNTER TOP; BLOCKING

48 SILL A-14/A-15 — 3'-1" AFF

44 HEAD EL A-14/A-15 — EXTEND 1/4"x2 1/4" BAR AHR TO WALL W/3-3/8"Ø LB

42 HEAD A-14/A-15 — CB x 11.5 WELD TO LNTL PLATE

38 HEAD A-14/A-15 — 5/8"x12" PL

37 MUL A-14/A-15 — PRCST SLAB OVER; UNIT MAS REINF; 8"; BRICK; 4"; 5'-8"; 6"

39 JAMB A-14/A-15 — CB x 11.5 W/3/8"x 10" RODS-4 PER JAMB

47 HEAD A-14/A-15 — LNTL IN MASONRY WALL (2 # 5 RODS CONT.); PROTECTIVE WIRE MESH & 1/4" WIRE GL. AT GYM.; GYM. SIDE

46 JAMB A-14/A-15 — PRE-CAST, MSNRY & OVHD SHOWN-W/AHR AT JAMBS (TEE OF STL STUD AS APPLICABLE); FILL JAMBS & HEAD W/MORTAR

43 JAMB A-14/A-15

40 JAMB A-14/A-15 — CB x 11.5 W/3/8"x 10" RODS-4 PER JAMB; CB x 11.5 W/1/4" STL PLATE WELDED; MET OVHD DR; EXIST. WALL TYPE AHR

45 SILL A-14/A-15 — FILL ALL JTS. W/ SEALANT; LNTL BLOCK SILL

41 THR A-14/A-15 — 6"Ø ANC. CONT. W/AHR @ 4 PER SILL

36 THR A-14/A-15

35 HEAD A-14/A-15 — 2 LAYERS OF 5/8" GWBX ON METAL STUDS; STL. STUD LNTL; STL STUD AHR; FILL HEAD & JAMB W/MORTAR; STRIKE JAMB FLUSH W/MSNRY

32 HEAD A-14/A-15 — STL STUD LINTEL; 5/8" GYP BD ON METAL STUDS; FILL ALL JTS W/SEALANT

34 JAMB A-14/A-15 — FILL ALL JTS W/SEALANT; MASONRY TEE AHR OR STL STUD AHR; CP EDGE STP; CP OR VCT; CTP

31 JAMB A-14/A-15 — STL STUD AHR

33 THR A-14/A-15

30 THR A-14/A-15 — CP EDGE STP UNDER DR AT CHANGE OF MATL; CP OR VCT OR CONC.

28 HEAD A-14/A-15 — C B x 11.5 FOR 8" WALLS - WELD TO LNTL PL AT HEAD - AT JAMBS - 4-3/8"x 10" RODS

29 HEAD EL. A-14/A-15 — FULL VERT. TRACK AT DOORS #13.6 #12B - (HEADROOM IS DR HT. + 1'-0"); HEADROOM; 1/4"x 2 1/4" PL BOLTED TO WALL

27 JAMB A-14/A-15

23 HEAD A-14/A-15 — FILL ALL HEADS & JAMBS W/MORTAR; FILL ALL JTS. W/SEALANT

19 HEAD A-14/A-15

18 MUL A-14/A-15 — EXIST. WALL AHR TYPE ROD

24 JAMB A-14/A-15

20 JAMB A-14/A-15

12 HEAD A-14/A-15 — FILL ALL JTS. W/SEALANT; FILL ALL HEADS & JAMBS W/MORTAR; SEE SCH FOR MSNRY LNTL REQD; NOTE: AT GWB HEAD - SEE DET.; MAS - SEE AHR

15 JAMB A-14/A-15

9 HEAD A-14/A-15 — BRACE TO STRUCT AT 48" O.C. W/CFMF; 5/8" GWBX ON CFMF @ 24" O.C.; CLG. LINE

8 MUL & HEAD A-14/A-15 — BASE AHR

6 JAMB A-14/A-15

12 CORNER A-14/A-15

11 JAMB A-14/A-15 — 3/8"x 1" STOPS; FILL ALL JAMBS W/MORTAR

4 HEAD A-14/A-15 — FILL ALL HEADS & JAMBS W/MORTAR; FILL ALL JTS. (INT. & EXT) W/SEALANT

3 MUL A-14/A-15 — STL ENCASED COL; EX. ST. WALL AHR TYPE ROD AT STL. JAMBS

5 JAMB A-14/A-15

2 MUL A-14/A-15 — 1" TMPD. GL. IN HM FRAMES - W/3/8"x 1" STOPS

1 TYP BASE SECT. A-14/A-15 — STL PUNCH CTP OR CP; CTP, CP OR CONC.; FILL W/SEALANT; A-10

26 SILL A-14/A-15 — MET. OVHD DR; 6"Ø ANC. CONT W/4 AHR PER SILL

22 MRT A-14/A-15 — CP, SSF, VCT, CTP OR CONC

17 THR A-14/A-15 — SET THR IN SEALANT

13 THR A-14/A-15 — CP EDGE STP AT CHAGE OF MATERIALS; VCT, WD. OR CONC.; CTP OR CP; SSF OR CP

10 THR A-14/A-15 — SET THR IN SEALANT; DEPRESS C FOR WD FL

7 THR A-14/A-15 — CTP; CONC.

25 THR A-14/A-15 — OVHD DR; CP EDGE STP AT SSF; SSF OR C; VCT OR SSF

21 MRT A-14/A-15 — (THIN-SET) CT; CTP OR VCT OR CP; AT DR = 269 ONLY

16 MRT A-14/A-15 — SSF OR CTP; CP EDGE STP AT CP OR SSF; CP, VCT, SSF OR CONC.

CP; CTP; CP; CONC

△ H M FRAME DETAILS △ SCALE: 1½" = 1'-0"

GRAPHIC SCALE: 0 0 1'-0 2'-0

SCALE: 1½" = 1'-0"

A-15

BALLARD, McKIM & SAWYER - Architect POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS	DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION — NORFOLK, VIRGINIA
EFD DWG NO 226817	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
JOB ORDER NO 5F3412	DEPENDENT HIGH SCHOOL
STA. PROJ. NO.	FRAME DETAILS
DES. SPEC. DRAWN EMH	
PROJ MGR SPEC CH ARCH, ENGR	
EFD RVD. F.P.	
BR MGR. SPEC DES DIR	
APPROVED DATE	
ACTIVITY - SATISFACTORY TO	
APPROVED DATE 21 JUL 71	
FOR CFD FOR CH ARCH/ENGR	
SIZE F	CODE IDENT NO 80091
NAVFAC DRAWING NO. 4126817	
CONSTR. CONTR. NO. N62470-87-B-7107	
SCALE AS NOTED	SPEC. 05-87-7107 — SHEET 57 OF 200

HERBERT E. McKIM — REGISTERED ARCHITECT — 827 — WILMINGTON, N. C.

I	I		
T	T		
A-15			
DWG. NO.			

FINISH SCHEDULE

FINISH NUMBER	FLOOR	BASE	WALLS & COLUMNS	WAINSCOT	CEILING	REMARKS
1A	VCT	V	CMU/GWB		ACT-1	
1B	VCT	V	GWB		ATC-1	
1C	VCT	V	CMU		ATC-1	
1D	VCT	V	C/CMU		ATC-1	
1E	VCT	V	C/CMU		ATC-3	
1F	VCT	V	C/CMU/GWB		ATC-1	
1G	VCT	V	C/CMU		C	
1H	VCT	V	CMU		EXP	
1I	VCT	V	GWB		GWB	
2A	CT	CT	C(SC)GWB(SC)	CT	ATC-2	
2B	CT	CT	GWB	CT	ATC-2	
2C	CT	CT	CMU(SC)	CT	ATC-2	
3A	CTP	CMU(GL)	CMU(GL)		ATC-2	
3B	CTP	CMU(SC)	CMU(SC)/HMF		ICS	
3C	CTP	CMU(SC)	CMU(SC)		ATC-2	
3D	CTP	CMU(SC)	CMU/HMF		ATC-1	
3E	CTP	CTP	CMU(SC)/GWP(SC)		ATC-2	
3F	CTP	CMU(GL)	CMU(GL)/HMF		ATC-2	
3G	CTP	CTP	C(SC)/CMU(SC)		ATC-2	
3H	CTP	CTP	C(SC)/CMU(SC)		ATC-1	
3I	CTP	CTP	CMU(SC)		ATC-1	
3J	CTP	CMU(GL)	CMU(GL) C(SC)		PL(SC)	
3K	CTP	CMU(GL)	CMU(GL)		GWB	
4A	C(S)	WD	CMU/GWB		GWB	
4B	C(S)	WD	C/GWB		GWB	
4C	C(S)	WD	CMU		GWB	
4D	C(S)	WD	C/CMU		EXP	
4E	C(S)	WD	CMU		C	
4F	C(S)	WD	C/CMU		GWB	
4G	C(S)	-	CMU		EXP	
4H	C(S)	WD	CMU		EXP	
6A	CP	V	CMU/GWB		ATC-1	
6B	CP	V	GWB/(SC)		ATC-1	
6C	CP	CMU(SC)	CMU/GWB(SC)		ATC-1	
6D	CP	V	CMU		ATC-1	
6E	CP	V	C/CMU/GWB		ATC-1	
6F	CP	CMU(SC)	CMU(SC)		ATC-1	
6G	CP	V	C/CMU		ATC-1	
6H	CP	V	CMU/GWB/FWP		ATC-1	
6I	CP	V	CMU/FWP		ATC-1	
6J	CP/C(S)		CMU(TEXT)		EXP*	*PAINTED STR.MECH.,ETC.
6K	CP		CMU(TEXT)		ATC-1	
6L	CP	WD(SC)	GWB(SC)		ATC-1	
6M	CP	V	CMU/GWB/HMF		ATC-1	
6N	CP	V	GWB/HMF		ATC-1	
7A	SSF	WD(SC)	C(SC)/CMU(SC)	SC TO 10'	EXP*	*PAINTED STR.,MECH.,ETC.
10A	WD	WD	CMU		ATC-3	

ABBREVIATIONS

ATC	ACOUSTICAL TILE CEILING
BK	BRICK
C OR CONC	CONCRETE
C(S)	CONCRETE SEALED
CC	COLOR CODE
CMU	CONCRETE MASONRY UNITS
CMU(GL)	CONCRETE MASONRY UNITS (GLAZED)
CP OR CARP	CARPET
CT	CERAMIC TILE
CTP	CERAMIC TILE PAVER
EXP	EXPOSED
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
FWP	FOLDING WALL PARTITION
GWB	GYPSUM WALL BOARD
HMF	HOLLOW METAL FRAMES
ICS	INTEGRATED CEILING SYSTEM
PL	PLASTER
SC	SPECIAL COATING (EPOXY)
SSF	SYNTHETIC SHEET FLOORING
TEXT	TEXTURED
V	VINYL OR RUBBER
VCT	VINYL COMPOSITION TILE
WD	WOOD

A

ABV	ABOVE
ACS	ABOVE COUNTER SPACE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ACS	ACCESS
ATC	ACOUSTICAL OR ACOUSTICAL TILE CEILING
A/C	AIR CONDITIONING AIR HANDLING UNIT
AL	ALUMINUM
AMP OR A	AMPERES
AB	ANCHOR BOLT
AHR	ANCHOR
ANG	ANGLE
ASPH	ASPHALT
ATTACH	ATTACHMENT

B

BM	BEAM
BRNG	BEARING
BKD	BLACKBOARD
BARR	BARRIER
BMVP	BARRIER MOISTURE VAPOR PROOF
BTD	BITUMINOUS DAMPPROOFING
BKD	BLACK
BLKG	BLOCKING
BD	BOARD
BNDG	BONDING
BOT	BOTTOM
BC	BOTTOM CHORD
BK	BRICK
BLDG	BUILDING
BB	BULLETIN BOARD
X	BY (BETWEEN DIMENSIONS)

C

CAB	CABINET
CAP	CAPILLARY WATER BARRIER
CLKG	CALKING
CP OR CARP	CARPET
CI	CAST IRON
CB	CATCHBASIN
CLG	CEILING
CEM MORT	CEMENT MORTAR
CPC	CEMENT PLASTER CEILING
C/C	CENTER TO CENTER
CL	CENTER LINE
CER	CERAMIC
CT	CERAMIC TILE
CTP	CERAMIC TILE PAVER
CHAN	CHANNEL
CKT	CIRCUIT
CLS	CLASS
CO	CLEANOUT
CLWG	CLEAR WIRE GLASS
C&H	COAT AND HAT HOOKS
CFMF	COLD FORMED METAL FRAMING
CC	COLOR CODE
COL	COLUMN
C OR COND	CONDUIT
CLJ	CONTROL JOINT
C OR CONC	CONCRETE
CCF	CONCRETE FLOOR
CCM	CONCRETE MASONRY UNITS
CMU(GL)	CONCRETE MASONRY UNITS (GLAZED)
C(SL	CONCRETE SEALED
CONN	CONNECTION
CONT	CONTINUOUS
C	COPPER
CNTR	COUNTER
COV	COVER

D

DP	DAMPPROOFING
DET	DETAIL
DIA OR Ø	DIAMETER
DISC. SW	DISCONNECT SWITCH
DR	DOOR
DBL	DOUBLE
DS	DOWN SPOUT
D/F	DRINKING FOUNTAIN

E

ESRS	ELASTOMERIC SHEET ROOFING SYSTEM
EL OR ELEV	ELEVATION
ELEC	ELECTRIC OR ELECTRICAL
EMT	ELECTRIC METAL TUBING
EMER	EMERGENCY
EQ	EQUAL
EQPT	EQUIPMENT
EXST	EXISTING
EXIST	EXISTING
EXG	EXISTING
EXP	EXPANSION
EXP	EXPOSED
EXTEN	EXTENSION
EXT	EXTERIOR
ECO	EXTERIOR CLEANOUT
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EXP	EXPOSED
EXA	EXHAUST AIR

F

FBRGLS	FIBERGLASS
FIN	FINISH
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
F/D	FIRE DAMPER
FH	FIRE HYDRANT
FRC	FIRE RESISTANT COLUMN
FW	FIRE WALL
FT	FIRE TREATED
FXTR	FIXTURE
FES	FLARED END SECTION
FL	FLASHING
FLR	FLOOR
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLDG PTN	FOLDING PARTITION
FWP	FOLDING WALL PARTITION
FM	FORCE MAIN
FDN	FOUNDATION
FA	FRESH AIR
FUR	FURRING
FUS.	FUSIBLE
FCO	CLEANOUT FLUSH WITH FINISHED FLOOR

G

GL	GLAZED, GLAZING, OR GLASS
GR	GRADE
GRND	GROUND
GYM	GYMNASIUM
GWB	GYPSUM WALL BOARD
GWBX	GYPSUM WALL BOARD TYPE X

H

HDW	HARDWARE
HDWD	HARDWOOD
HV	HEATING VENTIILATING UNIT
HGT	HEIGHT
HM	HOLLOW METAL
HMF	HOLLOW METAL FRAMES
HORIZ	HORIZONTAL
HP	HORSE POWER
HR	HOUR

I

ID	INSIDE DIAMETER
INSUL	INSULATION
ICS	INTEGRATED CEILING SYSTEM

J

JT	JOINT
JST	JOIST
JB	JUNCTION BOX

K

KVA	KILOVOLT AMPERES
LW	KILOWATT

L

LBL	LABEL
LAM	LAMINATE
LF	LINEAR FEET
LNTL	LINTEL

M

MA	MAKE-UP AIR UNIT
MH	MAN HOLE
MSNRY	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEMB	MEMBRANE
MET	METAL
MNRL	MINERAL
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MRT	MARBLE THRESHOLD
MTD	MOUNTED
MT	METAL THRESHOLD
MUL	MULLION

N

NPRN	NEOPRENE
NOM	NOMINAL
NF	NON-FUSIBLE

O

OPG	OPENING
OGL	OBSCURE GLASS
OWGL	OBSCURE WIRE GLASS
OVFL	OVERFLOW
OVHD	OVERHEAD

P

PR	PAIR
PNL	PANEL
PTN	PARTITION
PERIM	PERIMETER
Ø	PHASE
PL	PLASTER
PLSTC	PLASTIC
PLT	PLATE
PLMB	PLUMBING
PLYWD	PLYWOOD
PNEU	PNEUMATIC
P	POLE
POLTHN	POLYEHTYLENE
PS	POLYSTYRENE
PEU	POLYURETHANE
PVC	POLYVINYL CHLORIDE
PIP	POURED IN PLACE
PRCST	PRECAST
PREFAB	PREFABRICATE
PRESS	PRESSURE
PCS	PRESTRESSED CONCRETE SLAB
PROJ	PROJECTION
CPC	CEMENT PLASTER CEILING

R

RAD	RADIUS
RECEPT	RECEPTABLE
REINF	REINFORCED/REINFORCING
RA	RETURN AIR
RD	ROOF DRAIN

S

SAF INSUL	SAFING INSULATION
SAN	SANITARY
S/S	SANITARY SEWER
SCH	SCHEDULE
SCUP	SCUPPER
SEAL	SEALANT
SHTR	SHUTTER
SHR	SHOWER
SGL	SINGLE
SIM	SIMILAR
SK	SINK
SLT	SKYLIGHT
SOL	SOLID
SC	SOLID CORE
S/N	SOLID NEUTRAL
S/O	SPACE ONLY
SC	SPECIAL COATING (EPOXY)
SPEC	SPECIFICATION
SST	STAINLESS STEEL
STL	STEEL
SD	STORM DRAIN
STP	STRIP
STRL	STRUCTURAL
SA	SUPPLY AIR
SUSP	SUSPEND
SW	SWITCH
SSF	SYNTHETIC SHEET FLOORING
SYS	SYSTEM
SATC	SUSPENDED ACOUSTICAL TILE CEILING

T

TB	TILE BASE
TMPD	TEMPERED
TEXT	TEXTURED
THK	THICK
3PH	THREE PHASE
TH	TOILET PAPER HOLDER
TRTD	TREATED
THR	THRESHOLD

U

UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UG	UNDERGROUND

V

VAP BARR	VAPOR BARRIER
VTR	VENT THRU ROOF
VERT	VERTICAL
V	VINYL OR RUBBER
VCT	VINYL COMPOSITION TILE
V	VOLT

W

WCO	WALL CLEANOUT
W	WATER
WC	WATER CLOSET
W/C	WATER COOLER
WR	WATER RESISTANT
WP	WEATHERPROOF
WLD	WELDED
W	WIRE
WGL	WIRE GLASS
WM	WIRE MESH
W/	WITH
W/O	WITHOUT
WD	WOOD

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

A-16

BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

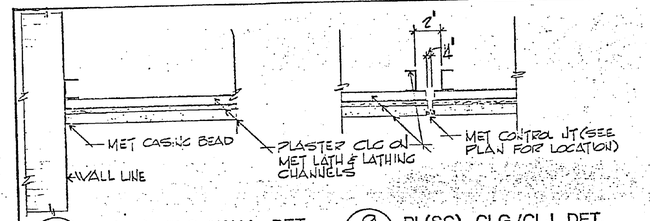
HERBERT P. McKIM REGISTERED ARCHITECT B27 NORTH CAROLINA WILMINGTON, N. C.

EFD DWG NO 226818
JOB ORDER NO 5F3412
STA PROJ NO
DES HPMcK DRAWN
PROJ MGR CH ARCH/ENGR
EFD RVD F.P.
BR MGR DES. DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
ROOM FINISH SCHEDULE
& ABBREVIATIONS

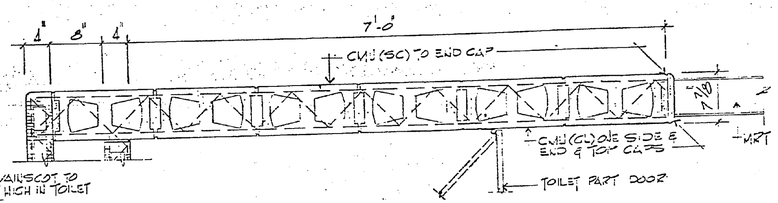
SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126818
CONSTR. CONTR. NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 58 OF 200

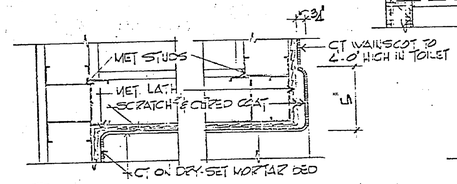
I I
T T
AUDIT OVERLAY
A-16
DWG NO



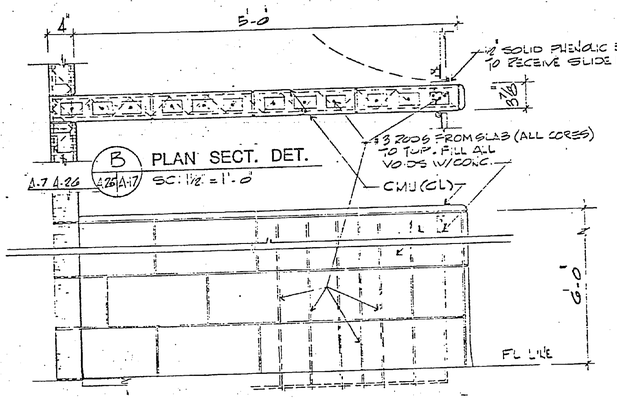
8 A32/A-17 PL(SC) CLG./WALL DET.

9 A32/A-17 PL(SC) CLG./CLJ DET.

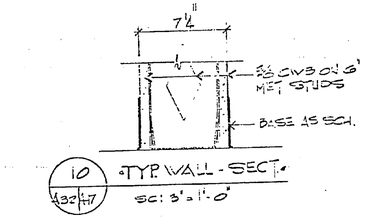




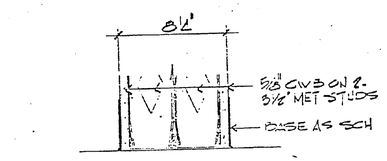
A A25/A-17 PLAN SECT. DET. SHR. M-2
SC: 3" = 1'-0"



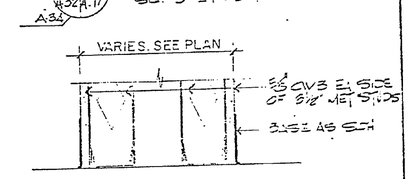
B A-7 A-26 A25/A-17 PLAN SECT. DET.
SC: 1 1/2" = 1'-0"



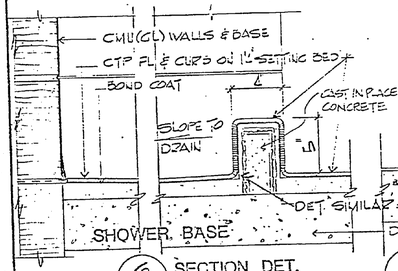
10 A32/A-17 TYP. WALL - SECT.
SC: 3" = 1'-0"



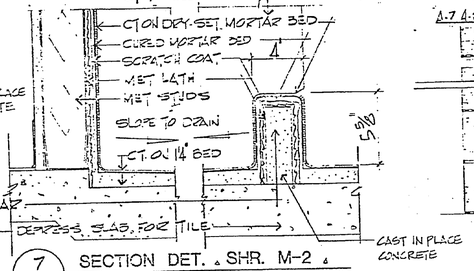
11 A32/A-17 TYP. WALL - SECT.
SC: 3" = 1'-0"
A-34



12 A32/A-17 TYP. WALL - SECT.
SC: 3" = 1'-0"
A32 A33

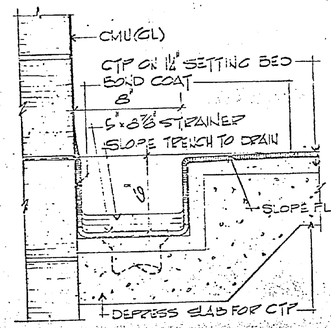


6 A25/A-17 SECTION DET.
SC: 3" = 1'-0"



7 A25/A-17 SECTION DET. SHR. M-2
SC: 3" = 1'-0"

COACHES DRESSING 2



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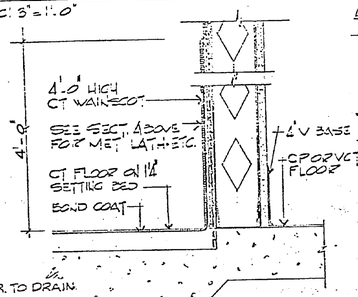
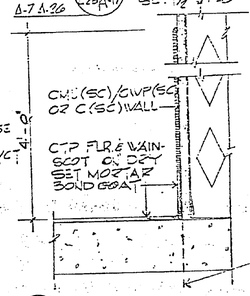
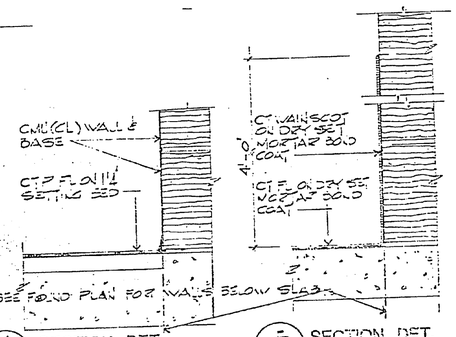
SC: 3" = 1'-0"



2 A25/A-17 SECTION DET. TOILET M-2
SC: 3" = 1'-0"



3 TYP. A-7 SECTION DET.
SC: 3" = 1'-0"



4 TYP. A-7 SECTION DET.
SC: 3" = 1'-0"

5 TYP. A-7 SECTION DET.
SC: 3" = 1'-0"

A-7 A-8
A-25 A-26

GRAPHIC SCALE
0 6 12 24 36
SC: 1/2" = 1'-0"
0 3 6 12 18
SC: 3" = 1'-0"

A-7 A-8

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

A-17

ATLANTIC DIVISION

DEPENDENT HIGH SCHOOL

FINISH DETAILS

F 63081

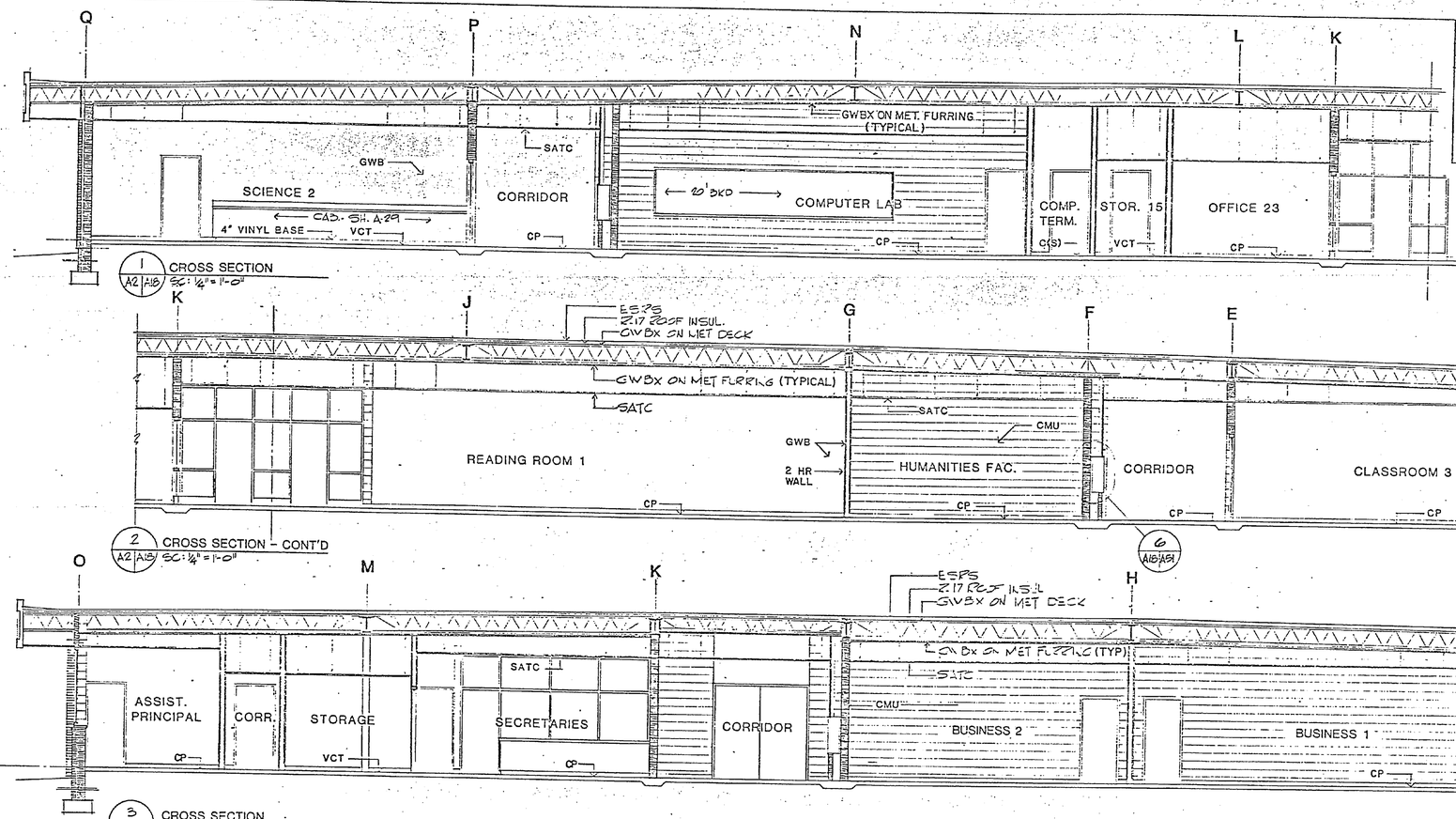
ALBERT F. ROSIN ARCHITECT P.A. WILMINGTON, N.C.

ADDITION / ALTERATION

A-17

SHEET NO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



GRAPHIC SCALE
0 5 10 15
SCALE: 1/4" : 1'-0"

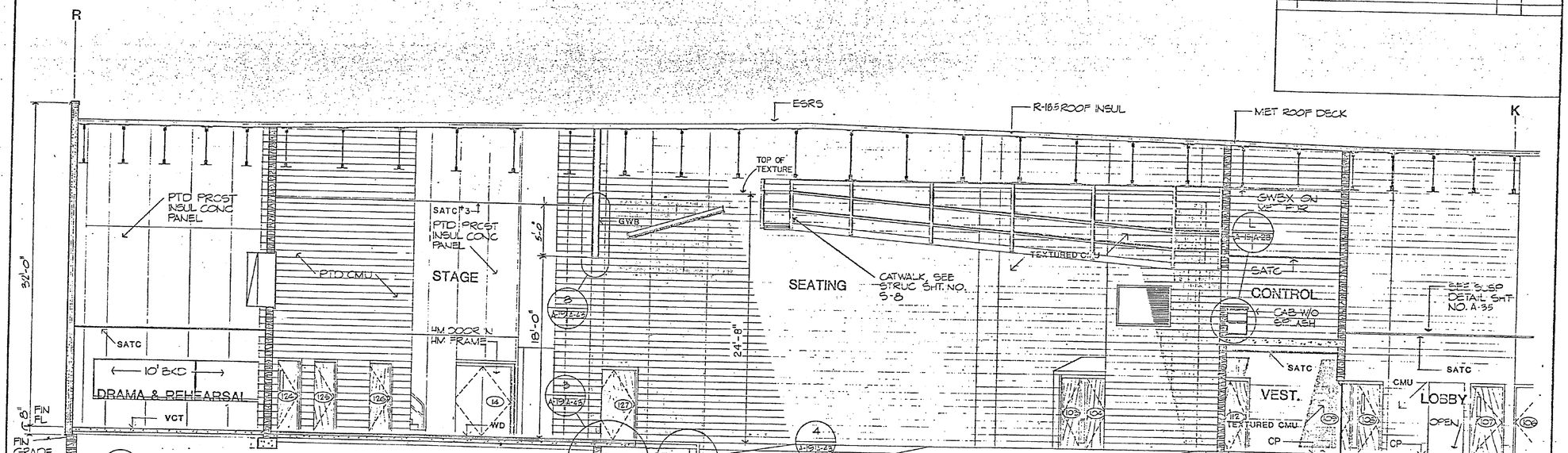
A-18

BALLARD, MEEKINS & SAWYER-ARCHITECTS
POST OFF. BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS
EFD DWG NO. M-7426
SUB ORDER NO. 37-3412
S.SO. HOLLAND
DES. DRAWN
MOD. MSR. CHECKED
EFD ENGR. FP
EFD NOR. DES. CHK.
APPROVED DATE
ACT. APPROVED NOT APPROVED BY
APPROVED DATE
APPROVED NOT APPROVED BY

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
CROSS SECTION
SIZE F
CODE IDENT. NO. 80021
DRAWING NO. 4-7426-20
CONTR. CONTRACT NO. N62470-87-B-2107
APPROVED FOR CONSTRUCTION DATE 06-07-2107
SHEET NO. OF SHEETS

HERBERT E. MEEKINS
REGISTERED ARCHITECT
NORTH CAROLINA
WILMINGTON, N.C.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



GRAPHIC SCALES:

0 5 10 15

SCALE: 1/4" : 1'-0"

0 6 12 24 36

SCALE: 1" = 1'-0"

A-19

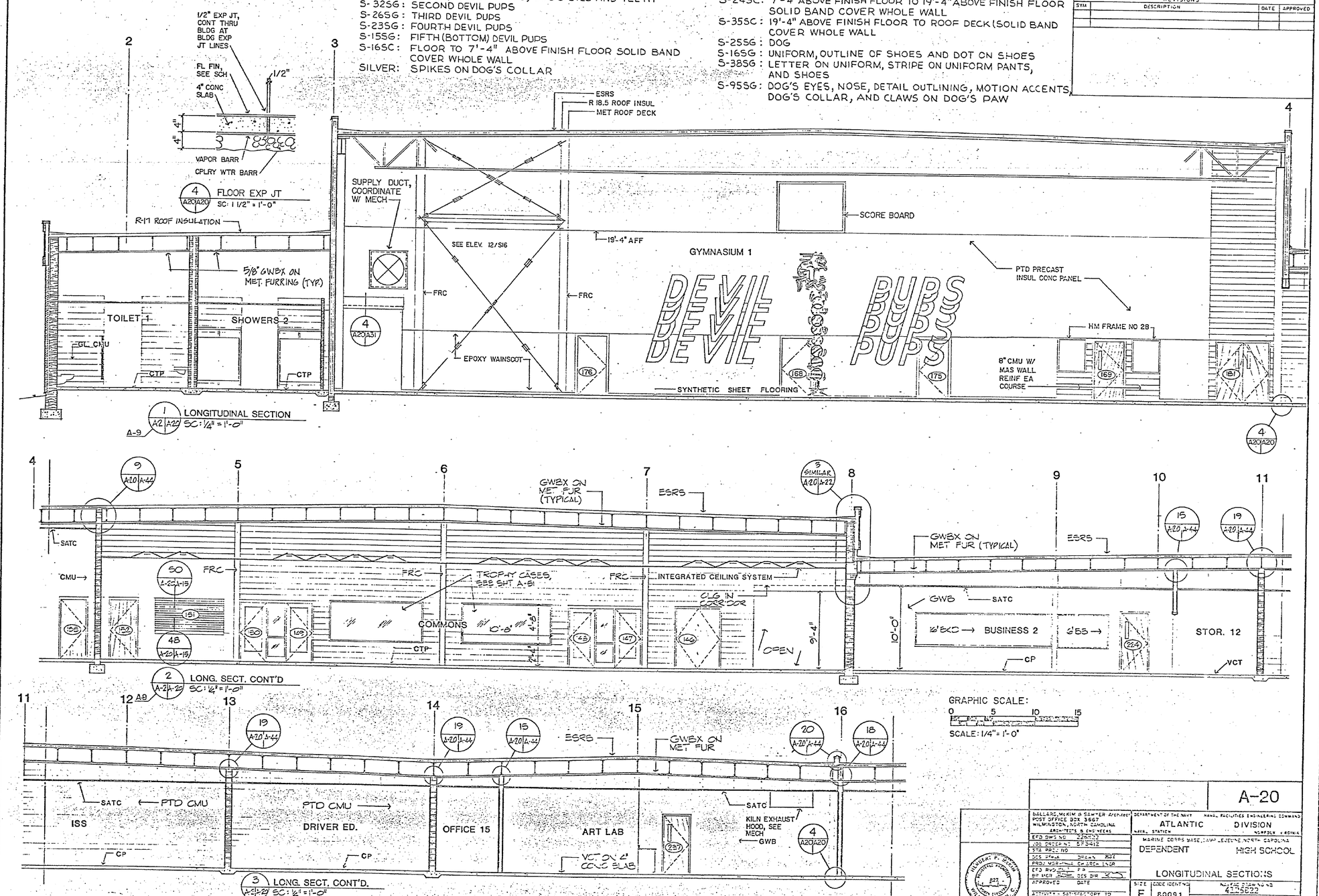
BALLARD, MCKIM & SAWYER ARCHITECTS & ENGINEERS POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA
EFD CNG NO 326621	MARINE CORPS BASE, CAMP LEJEUNE NORTH CAROLINA
CDR ORDER NO SF3412	DEPENDENT HIGH SCHOOL
CTR PROJ NO	
DES LEAD DRAWN WTS	CROSS SECTIONS
SHOP MOD SHEET CH ARCH-ENGR	
EFD PM FP	
SR MGR DES DIR	
APPROVED DATE	
ACTIVITY - SATISFACTORY TO	
APPROVED DATE	
RET FFD FOR SUMMARY SHEET	

SIZE	CODE IDENT NO	ALL SHT DRAWING NO
F	80091	4126621
CONSTR CONTR NO N62470-97-B-7107		
SCALE AS	SPEC 05-97-7107	SHEET 31 OF 200

S-15G: FIRST (TOP) DEVIL PUPS, DOG'S EYES AND TEETH
S-32SG: SECOND DEVIL PUPS
S-26SG: THIRD DEVIL PUPS
S-23SG: FOURTH DEVIL PUPS
S-15SG: FIFTH (BOTTOM) DEVIL PUPS
S-16SC: FLOOR TO 7'-4" ABOVE FINISH FLOOR SOLID BAND COVER WHOLE WALL
SILVER: SPIKES ON DOG'S COLLAR

S-24SC: 7'-4" ABOVE FINISH FLOOR TO 19'-4" ABOVE FINISH FLOOR SOLID BAND COVER WHOLE WALL
S-35SC: 19'-4" ABOVE FINISH FLOOR TO ROOF DECK (SOLID BAND COVER WHOLE WALL
S-25SG: DOG
S-16SG: UNIFORM, OUTLINE OF SHOES AND DOT ON SHOES
S-38SG: LETTER ON UNIFORM, STRIPE ON UNIFORM PANTS, AND SHOES
S-95SG: DOG'S EYES, NOSE, DETAIL OUTLINING, MOTION ACCENTS, DOG'S COLLAR, AND CLAWS ON DOG'S PAW

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



GRAPHIC SCALE:
0 5 10 15
SCALE: 1/4" = 1'-0"

N	N
S	S
T	T
AUGUST	AUGUST
A-20	
ORIGINAL	
A-20	

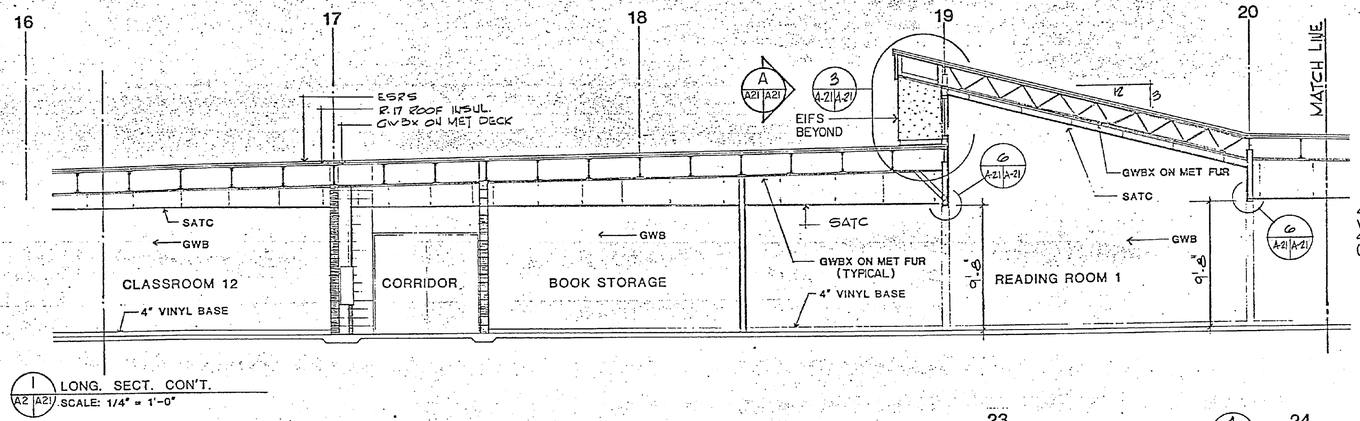
A-20

BALLARD, MCKIM & SAWYER ARCHITECTS
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECT'S 8 CHS YEARS
EFD OWS NO 3200127
JOB ORDER NO 5F5412
STA PROJ NO
DES SPEC DRAWN KBY
PROJ MGR CHECKED TMB
EFD RVO FB
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR NAVFAC ENGINEERING COMMAND

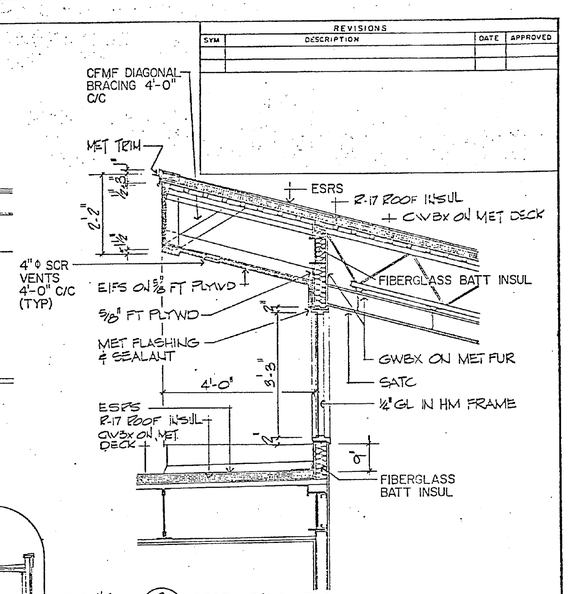
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LONGITUDINAL SECTIONS

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4156822
CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 06-87-7107 | SHEET 82 OF 300

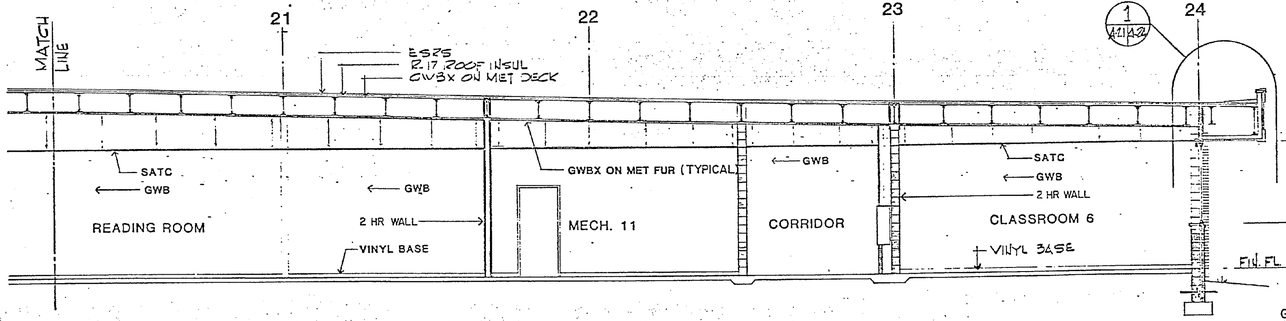
A-20



1 / A2 | A21 LONG. SECT. CON'T.
SCALE: 1/4" = 1'-0"



3 / A-21 | A-21 SECT - CLERESTORY
SCALE: 3/4" = 1'-0"

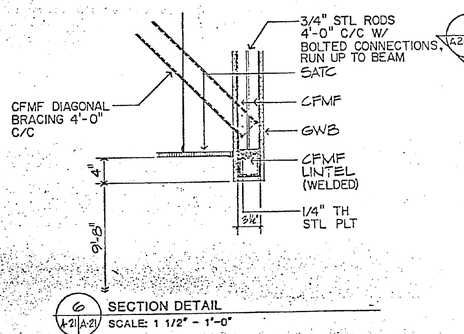


2 / A2 | A21 LONG. SECT. CON'T.
SCALE: 1/4" = 1'-0"

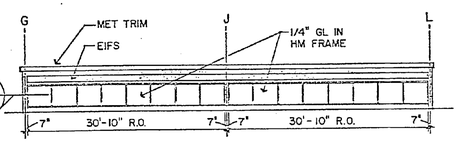
S-15G: DOG'S EYES & TEETH
S-16G: TRIM AROUND SHIELD & LETTERING ON SASH
S-22G: LIGHT IN LAMP
S-23G: LINES THRU LIGHT IN LAMP
S-25G: DOG
S-38G: SASH & OLD ENGLISH LETTERING AT TOP OF SHIELD
S-45G: PINE STRAW
S-48G: LEAVES
S-76G: DOG'S NOSE
S-86G: PINECONES
S-87G: DOG'S EYEBROWS
S-88G: OUTLINE OF PINECONES & STEM
S-95G: DOG'S EYES & COLLAR & OUTLINE DETAILING

BRONZE: EAGLE, ANCHOR, CORD AROUND ANCHOR & GLOBE
COPPER: LAMP
SILVER: SPIKES ON DOG'S COLLAR & SHIELD BACKGROUND
GOLD LEAF: FLEURON AROUND SHIELD

5 / A52 | A21 GRAPHIC
SCALE: 1/2" = 1'-0"

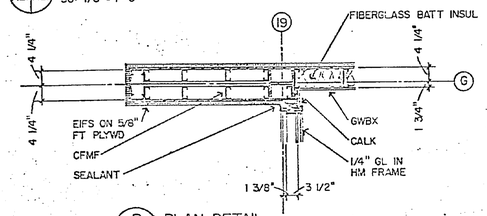


6 / A-21 | A-21 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



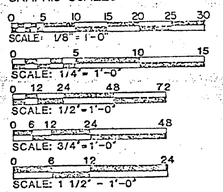
B / A21 | A21

A / A21 | A21 CLERESTORY ELEVATION
SC: 1/8" = 1'-0"



B / A21 | A21 PLAN DETAIL
SC: 3/4" = 1'-0"

GRAPHIC SCALES:



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

N	N		
S	S		
AUDIT	T		
A-21			
DRAWING NO.			
A-21			

BALLARD, MERKIN & SAWYER-ARCHITECTS
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

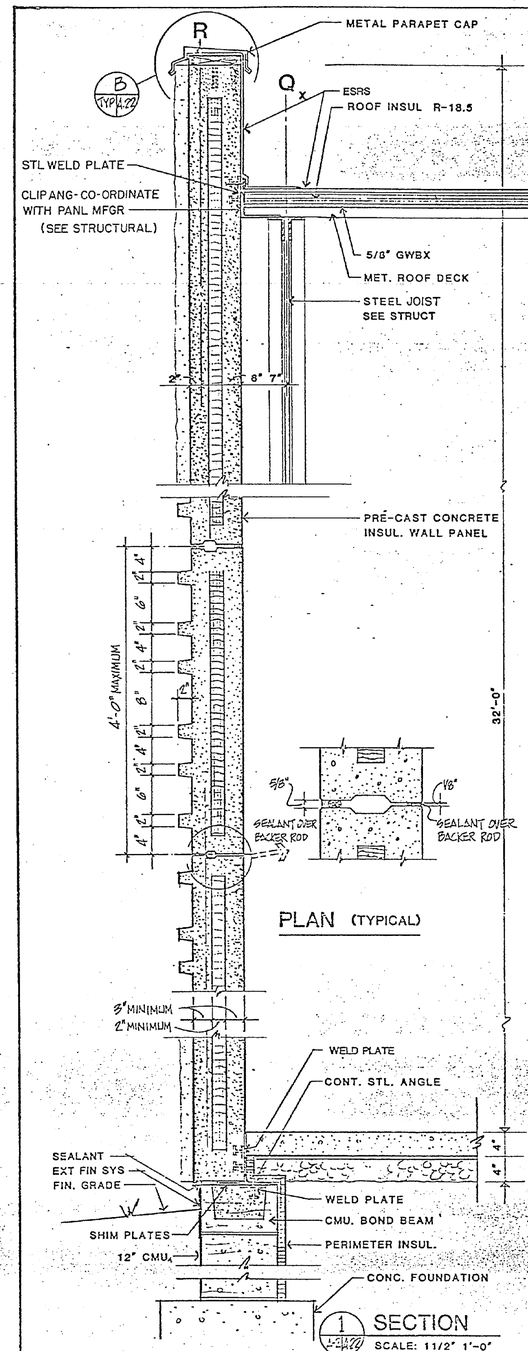
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

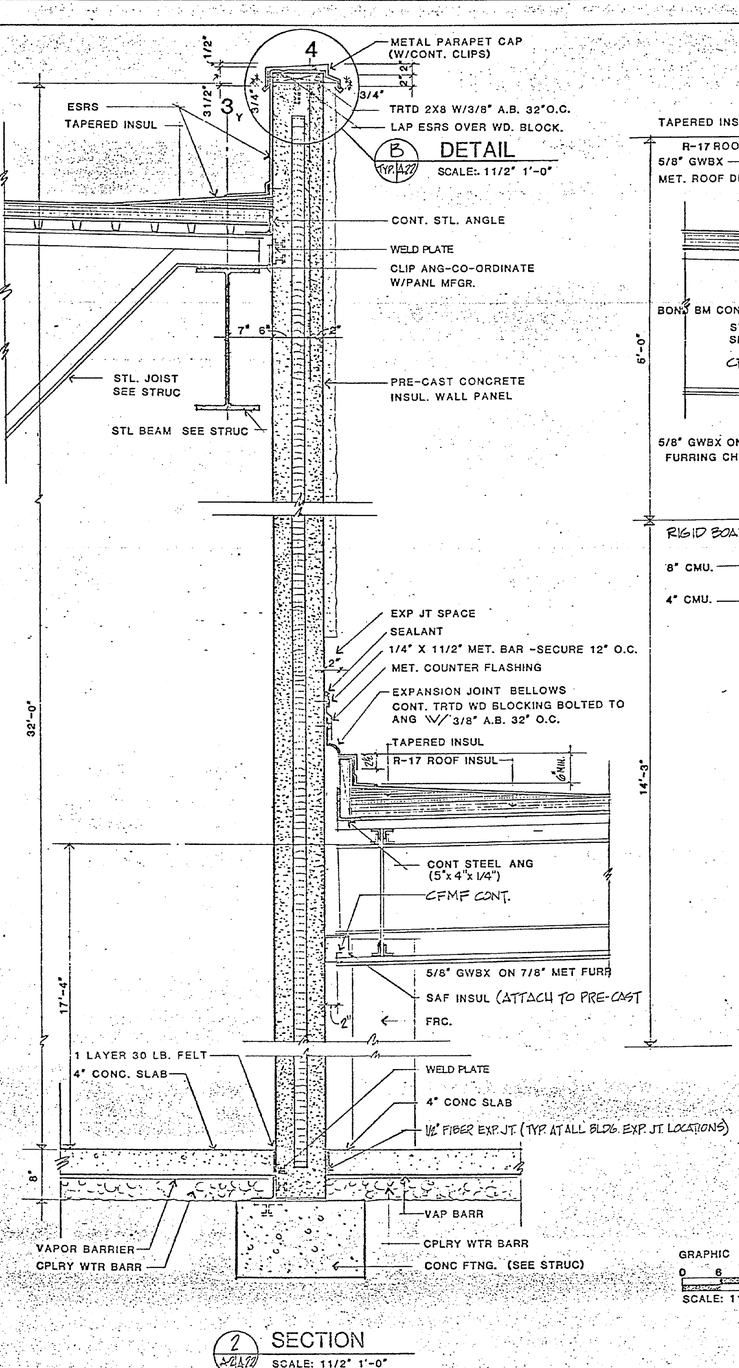
EFD DWG NO 2526D3
JOB ORDER NO 5F3412
STA PROJ NO
DES. INITIALS DRAWN MPS
SPEC NO/YEAR CHECKED ENGR
EFD PVD DATE F/P
BR MGR DES DIR
APPROVED DATE
ACTIVITY & SUPERVISOR TO
APPROVED DATE
ROIC/ESC NEW CONSTRUCTION ADDITION

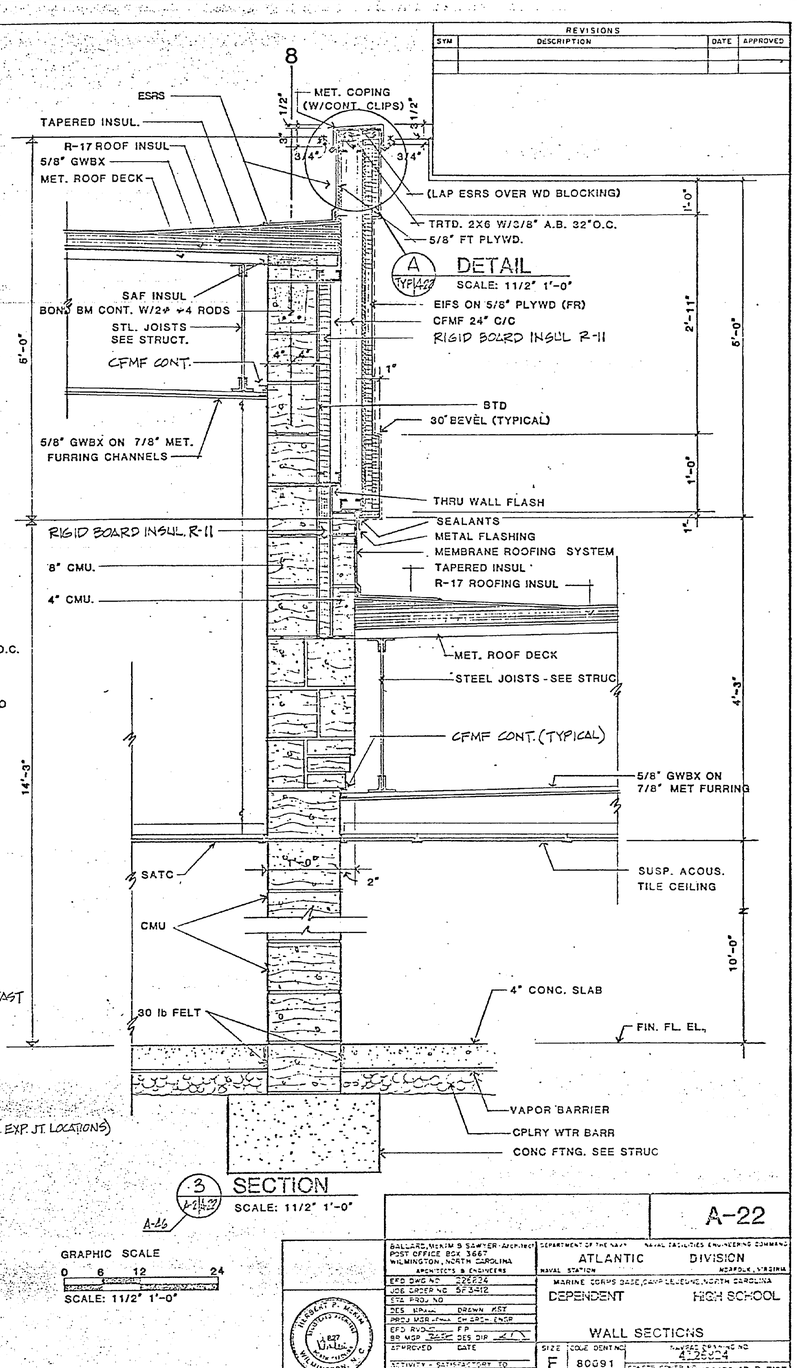
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
LONGITUDINAL SECTIONS

A/E/FAC DRAWING NO. 4125223
SIZE F | CODE IDENT NO. 80091
COASTAL CONTR NO. N62470-87-B-7107
SCALE AS NOTED | SPEC 86-87-7107 | SHEET 83 OF 224

A-21







GRAPHIC SCALE
0 6 12 24
SCALE: 11/2" 1'-0"

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

A-22

BALLARD, MENIM & SAWYER-ARCHITECT
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

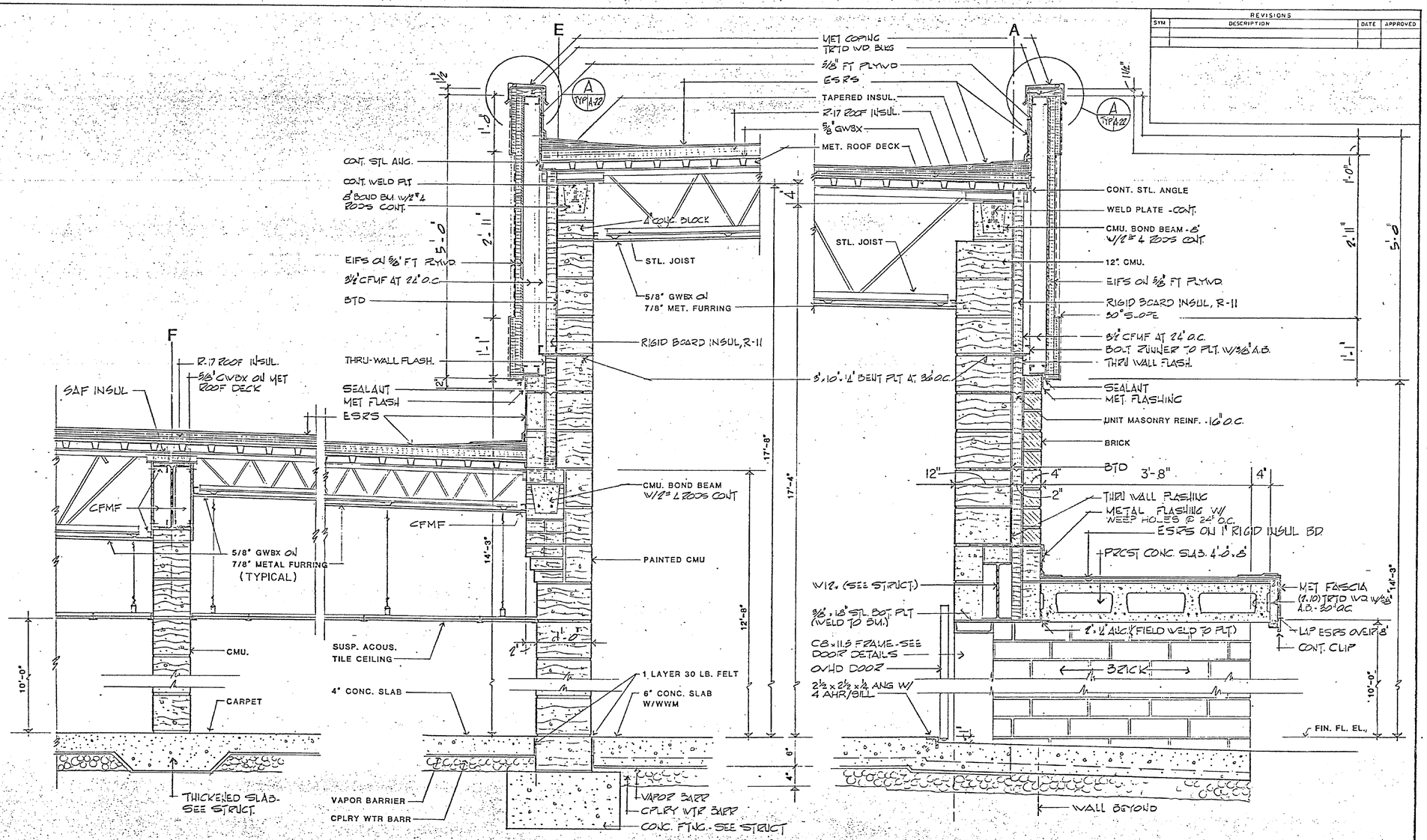
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

WALL SECTIONS

EFD SHG NO	2226-24		
USE ORDER NO	SF 3412		
ETA PROJ NO			
DES BRNH	DRWN KST		
PROJ MGR (Phone)	CH CSSC ENGR		
EFD RVR	FP		
BR MGR	DESC SES DIR		
APPROVED	DATE		
ACTIVITY - SATISFACTORY TO			
APPROVED	DATE		
PROJECT	OFFICER-IN-CHARGE		

SIZE F | IDENT NO 80091 | NAVFAC DRAWING NO 4-26024
SCALE AS NOTED | SPEC 05-07-7107 | CONTR CONTR NO N62470-87-B-7107
SHEET 61 OF 200

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



1 SECTION
A-2 | A23

2 SECTION
A2 | A23
SCALE: 11/2" 1'-0"

3 SECTION
A-10
A-2 | A23
SCALE: 11/2" 1'-0"

GRAPHIC SCALE
0 6 12 24
SCALE: 11/2" 1'-0"

A-23

BALLARD, WEIKIM & SAWYER ARCHITECT ENGINEERS
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

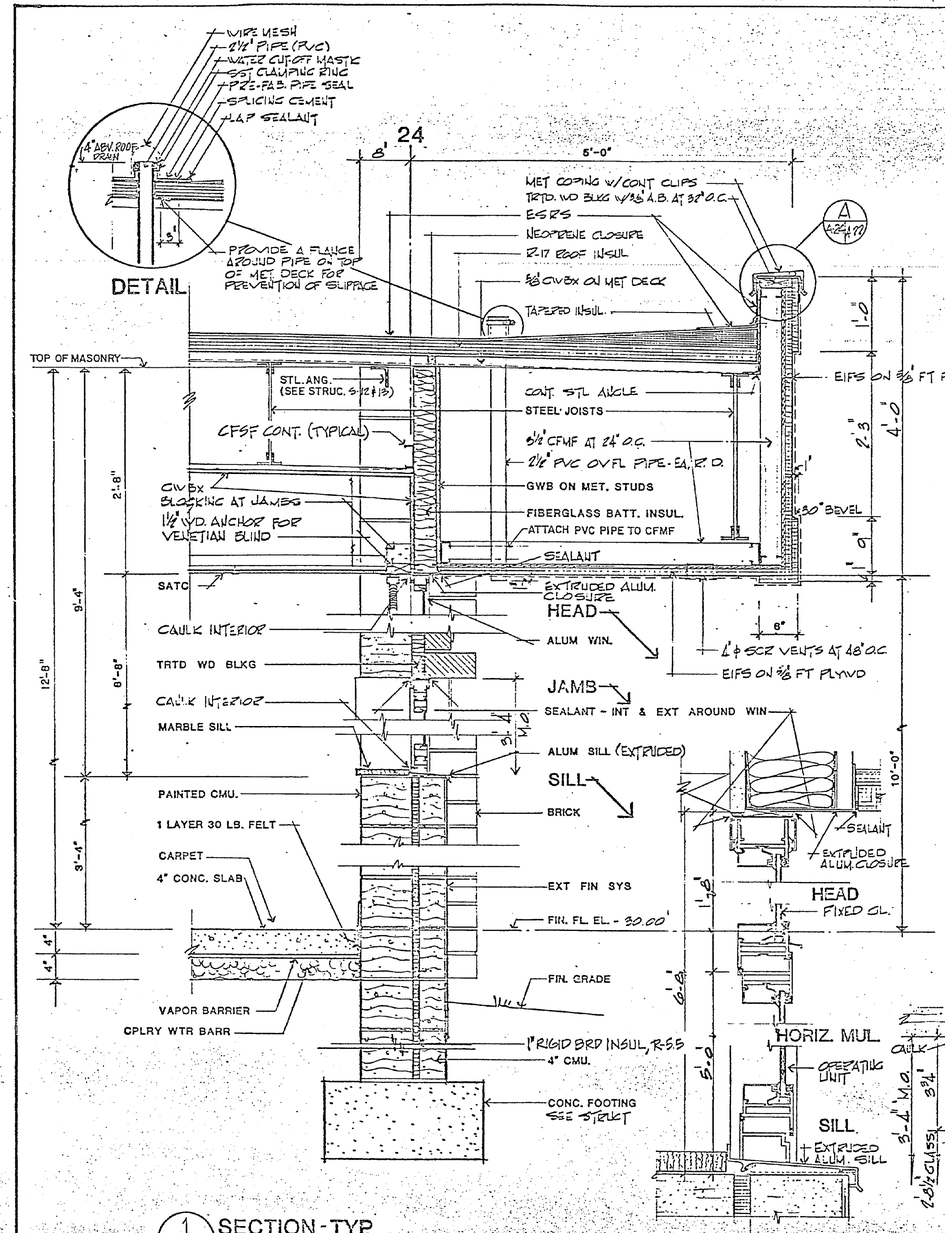
WALL SECTIONS

EFD DWG NO.	Y-5025
JOB ORDER NO.	62-3410
EFD RSP. NO.	
DES. SPVR.	BRYANT MOT
RDC&I VOR VALUE	7th ARCH ENGR
EFD W/D	E F P
BF WOR	DES DIR
APPROVED	DATE
QUALITY - SATISFACTORY TO	
APPROVED	DATE

SIZE F | CODE IDENT. 80091 | NAVFAC DRAWING NO. 4126025
CONTR CONTR NO. N22470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 05 OF 200

N	N	
S	S	
T	T	
ARCH	APPROVED	
A-23		
CONTRACT		
A-23		

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



1 SECTION - TYP.
A-2 | A-24 SC: 1½" = 1'-0"
A-30
A-10

WINDOW DETAILS
½ FULL SIZE

NOTE: PROVIDE SEALANT AT JOINT BETWEEN END OF SILL AND MASONRY

2 SECTION - TYP.
A-2 | A-24 SC: 1½" = 1'-0"

GRAPHIC SCALE
0 6 12 24
SCALE: 11/2" 1'-0"

0 1 2 3 4
SCALE ½ FULL SIZE

A-24

BALLARD, NICKLIN & SAWYER ARCHITECTS ENGINEERS
POST OFFICE BOX 3607
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

EFD DWG NO 4-4239
JOB ORDER NO 87-1418
STA PROJ NO
DES SPEC DRAWN MST
PROJ MGR (Chief) CH SECT (N/S)
EFD RVWR FP
BR MGR SEC DES DIR
APPROVED DATE

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
WALL SECTIONS

SIZE F | CODE IDENT. 80091 | NAVFAC DRAWING NO 41366826
CONTR CONTR NO N62470-87-B-7107
APPROVED DATE
SPEC 03-87-7107 (SHEET 66 OF 80)

N	N						
S	S						
T	T						
DESIGN	DETAILED						
A-2A							
DWG. NO.							
A-24							

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

NOTE: PROVIDE AT 4" PTN #3 BARS IN EACH CORE FROM SLAB TO TOP OF PTN AND FILL ALL CORES WITH GROUT. (SEE DETAILS SHT. A-17)

START CMU(GL) AT THESE PTS.

3 PLAN - GIRLS TOILETS
SCALE: 1/4":1'-0"

J ELEVATION

K ELEVATION

L ELEVATION

NOTE: PROVIDE AT 4" PTN #3 BARS IN EACH CORE FROM SLAB TO TOP OF PTN AND FILL ALL CORES WITH GROUT.

4 PLAN - KITCHEN TOILETS W-1 & M-1
SCALE 1/4":1'-0"

M ELEVATION

N ELEVATION

O ELEVATION

5 PLAN - TOILETS 5 & 6
SCALE 1/4":1'-0"

O ELEVATION

P ELEVATION

6 PLAN - TOILET M-2
SCALE 1/4":1'-0"

R ELEVATION

S ELEVATION

T ELEVATION

U ELEVATION

V ELEVATION

W ELEVATION

X ELEVATION

9 PLAN-DARK RM. NO. 1
SCALE 1/4":1'-0"

2 PLAN - BOYS TOILETS
SCALE: 1/4":1'-0"

G ELEVATION

H ELEVATION

F ELEVATION

NOTE: PROVIDE AT 4" PTN #3 BARS IN EACH CORE FROM SLAB TO TOP OF PTN AND FILL ALL CORES WITH GROUT. (SEE DETAILS SHT A-17)

D ELEVATION

E ELEVATION

Y ELEVATION

B ELEVATION

C ELEVATION

X ELEVATION

A ELEVATION TYP. HANDICAP

1 PLAN - BOYS & GIRLS TOILET
SCALE: 1/4":1'-0"

NOTE: PROVIDE AT 4" PTN #3 BARS IN EACH CORE FROM SLAB TO TOP OF PTN AND FILL ALL CORES WITH GROUT.

7 PLAN - GIRLS VARSITY TOILET & SHOWERS
SCALE: 1/4":1'-0"

8 PLAN-COACHES DRESSING 2
SCALE: 1/4":1'-0"

GRAPHIC SCALE
0 5 10 15
SCALE: 1/4" : 1'-0"

A-25

BALLARD, MCKIM & SAWYER - ARCHITECT
POST OFFICE BOX 2667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

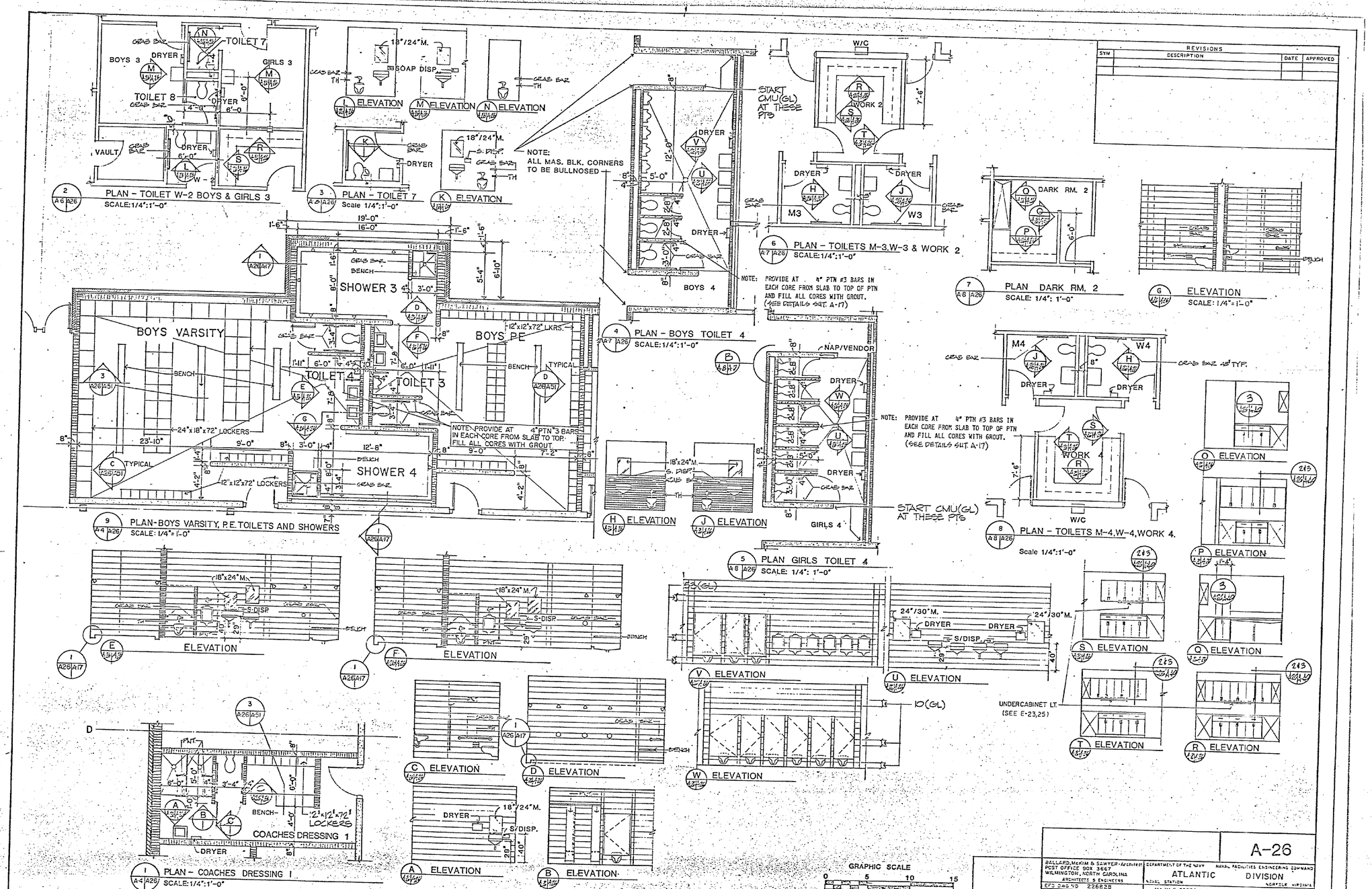
EFD DWG NO 32567
SUPERSEDS NO 5F5412
STA PROJ NO
DES HPHY CROWN BMN
PROJ MGR/MCR CH ARCH/ENGR
EFD RVSR FP
BR MGR DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
DSN CHK DATE
FOR CFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL
1/4" PLANS - TOILETS & DRESSING ROOMS

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126827
CONSTR CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 67 OF 200



NOTE:
1. ALL 6WB & MET. STUDWALLS - RUN TIGHT TO 6WBX AT STRUCTURE.
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK.
3. ALL ATC HEIGHTS 10'0" AFF UNLESS NOTED OTHERWISE.
4. ALL 6WB CEILING HEIGHTS AT BOTTOM OF BAR JOIST.
5. IN AREAS 'A' & 'B' PROVIDED:- AT ALL 4" MAS PTN'S 6'-0" HIGH OR LESS #3 BARS IN EACH CORE AND FILL ALL CORES W/GROUT. AT ALL 4" MAS PTN'S HIGHER THAN 6'-0" #3 BARS AT 24" O.C. AND GROUT CELL

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

A-26

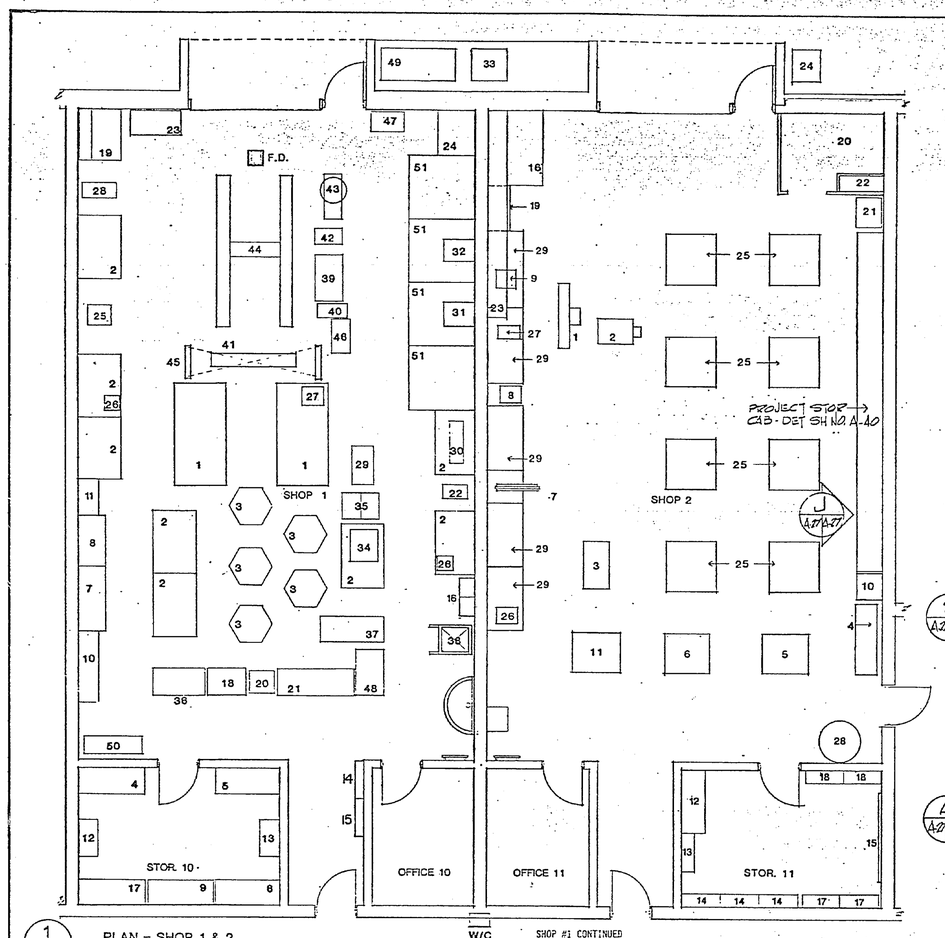
BALLARD, McKIM & SAWYER - ARCHITECTS
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
1/4" PLANS-TOILETS & DRESSING ROOMS

EFD DWG NO 226828
JOB ORDER NO 5F3412
STA PROJ. NO
DES. WHLE DRAWN
PROJ MGR WHLE CH ARCH. ENGR
EFD. RVD. F.P.
BR MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126828
CONSTR CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 68 OF 200



1 A-6/A-27 PLAN – SHOP 1 & 2
SCALE 1/4":1'-0"

GOVERNMENT FURNISHED EQUIPMENT LIST FOR SHOP #1
SMALL ENGINE/ELECTRONITE
NOTE: EQUIPMENT FURNISHED BY GOVERNMENT AND INSTALLED BY GOVERNMENT

NO.	ITEM GOVERNMENT # OR MANUFACTURER/MODEL #, REMARKS	
4	CAB. W/TOOLS	BROADHEAD-GARRETT #459160, MOD. TS-28-CT
5	CAB. W/TOOLS	BROADHEAD-GARRETT #459217, MOD. TS-21
6	CAB. W/TOOLS	BROADHEAD-GARRETT #472186, MOD. TS-30-CTE
7	STORAGE CASE	BROADHEAD-GARRETT #464448, MOD. SC-17
8	STORAGE CAB.	BROADHEAD-GARRETT #464545, MOD. SC-816
9	CAB. W/TOOLS	BROADHEAD-GARRETT #459105, MOD. TS-21-CT
10	LOCKER	BROADHEAD-GARRETT #398071, MOD. 6812-1
11	STORAGE CAB.	BROADHEAD-GARRETT #462208, MOD. 1870
12	DIVIDED SHELVING	BROADHEAD-GARRETT #398059, MOD. 500-0053
13	DRAWER UNITS	BROADHEAD-GARRETT #398057, MOD. 500-1613
14	BIN UNITS	BROADHEAD-GARRETT #403107, MOD. 36-6081
15	BIN UNITS	BROADHEAD-GARRETT #403089, MOD. 48-607
17	WELDING CAB W/TOOLS	BROADHEAD-GARRETT #456217, MOD. TS-15-CT
19	MET. STOR. CAB.	BROADHEAD-GARRETT #451578, MOD. SR101
20	PNEUMATIC CHAIR	BROADHEAD-GARRETT #597643, MOD. PC2781-KFR-R
25	SAFETY CAB.	BROADHEAD-GARRETT #562877, MOD. SC-K761-KS
34	FLAMMABLE STOR CAB	BROADHEAD-GARRETT #398021, MOD. 6901
26	MACHINE VISES	BROADHEAD-GARRETT #462208, MOD. 1870
30	WELD TEST CTR.	BROADHEAD-GARRETT #129884, MOD. WTC-5
34	ENGINE TEST UNIT	BROADHEAD-GARRETT #398022, PACKAGE 1
35	ENGINES	BROADHEAD-GARRETT #398695, 2 CYCLE, 2 BHP #289799, 2 CYCLE, 3½ BHP
39	DIAGNOSTIC CTR	BROADHEAD-GARRETT #398059, MOD. 500-0053
40	BRAKE LATHE	BROADHEAD-GARRETT #157880, MOD. 4000
42	PORTABLE CRANE	BROADHEAD-GARRETT #191845, MOD. A1
43	W/SELECT. HOIST	BROADHEAD-GARRETT #536587, MOD. R
46	ARBOR PRESS	BROADHEAD-GARRETT #156999, MOD. 1833
47	CLEANING MODULE	BROADHEAD-GARRETT #703207, MOD. RC-60
48	GLASS MOTOR W/TRANS	BROADHEAD-GARRETT #185070, MOD. 2080
51	WELD. BOOTH, SHELF	BROADHEAD-GARRETT #457850, MOD. WB-105-5 BROADHEAD-GARRETT #457852

EQUIPMENT FURNISHED BY GOVERNMENT AND INSTALLED BY CONTRACTOR

1	BENCH	BROADHEAD-GARRETT #457840, MOD. SM-1000
2	BENCH	BROADHEAD-GARRETT #457901, MOD. MS-52
3	BENCH	BROADHEAD-GARRETT #156997, MOD. SM-12
16	SMALL PARTS CAB. (WALL MOUNTED)	BROADHEAD-GARRETT #459216, #457716, #457749 #462749, COMPACT MOD. CAB.

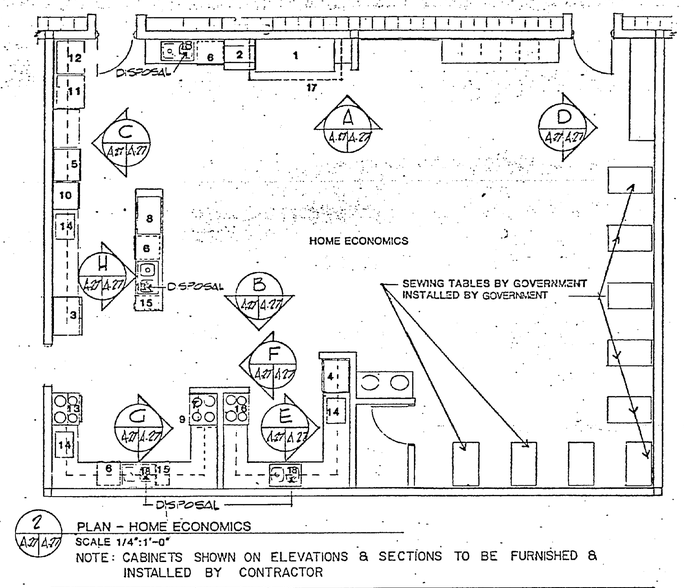
SHOP #1 CONTINUED
EQUIPMENT FURNISHED BY GOVERNMENT AND INSTALLED BY CONTRACTOR

18	DESK	BROADHEAD-GARRETT #462157, MOD 28
21	APPL. TEST BENCH	BROADHEAD-GARRETT #375131, MOD. AC-10COA
22	DRILL PRESS	BROADHEAD-GARRETT #628672, MOD 950C
25	MILLING MACHINE	BROADHEAD-GARRETT #575730, MOD. JVM-2H2
27	GRINDER	BROADHEAD-GARRETT #402215, MOD. SP61MD
28	ASPIRATIVE SAW	BROADHEAD-GARRETT #576599, MOD. K-125
29	BANDSAW	BROADHEAD-GARRETT #625917, MOD. 20RHH
31	SPOT WELDER	BROADHEAD-GARRETT #415733, MOD. SCO-402
32	AC/DC WELDER	BROADHEAD-GARRETT #158733, MOD. SCO-502
33	WELDER/GENERATOR	BROADHEAD-GARRETT #203961, MOD. K-1192
36	MECH. TEACHING SYS	BROADHEAD-GARRETT #596591, MOD. IPK-30
37	ENGINE REPAIR	BROADHEAD-GARRETT #585419, MOD. SEP-1
38	OUTBOARD TANK	BROADHEAD-GARRETT #184815, MOD. A-170
	OUTBOARD STAND	BROADHEAD-GARRETT #184553, MOD. A-150
41	WHEEL ALIGNMENT	"HUNTER" WHEEL SYSTEM, MOD. A-111
42	WHEEL BALANCER	BROADHEAD-GARRETT #110894, MOD. 743
45	TIRE CHANGER	BROADHEAD-GARRETT #217894, MOD. 40-40A
44	TWIN FRAME LIFT	BROADHEAD-GARRETT #580096, MOD. EC-881B
49	COMPRESSOR	GRAVES/HUMPHREYS #21-0108 KELLOGG/AMERICAN B332A0
50	LATHE W/ACCESS	BROADHEAD-GARRETT #272676, MOD. 50OVSL

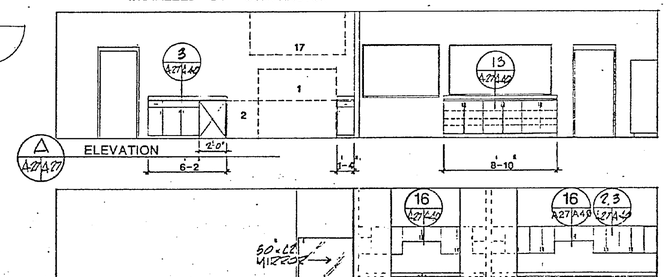
GOVERNMENT FURNISHED EQUIPMENT LIST FOR SHOP #2
NOTE: EQUIPMENT FURNISHED BY GOVERNMENT AND INSTALLED BY GOVERNMENT

NO.	ITEM GOVERNMENT # OR MANUFACTURER/MODEL #, REMARKS	
1	*JOINTER - 8"	GRAVES/HUMPHREYS #99-0910 POWERMATIC MOD. 60
2	*PLANER - 18"	GRAVES/HUMPHREYS #65-0570 POWERMATIC "QUIET-ONE"
4	*SAW	GRAVES/HUMPHREYS #17-0000 POWERMATIC MOD. 66
5	BELT/DISC SANDER	GRAVES/HUMPHREYS #49-0922 POWERMATIC MOD. 30-B
6	*ARBOR SAW	GRAVES/HUMPHREYS #42-0950 POWERMATIC MOD. 68
9	*GRINDER 7"	GRAVES/HUMPHREYS #99-1774 BALDOR #7309D
10	MITER BOX W/STAND	GRAVES/HUMPHREYS #49-1558 ROCKWELL #34-010
11	*SANDAN 20"	GRAVES/HUMPHREYS #99-1575 POWERMATIC MOD. 81
12	TOOL LOCKER W/TOOLS	GRAVES/HUMPHREYS #63-0428 MFR NO. TL-84WT
13	WORK CAB W/TOOLS	BROADHEAD-GARRETT #19123 MFR NO. JR30
14	STORAGE CABINET	GRAVES/HUMPHREYS #63-1826 MFR NO. FS-6
15	PLYWOOD STOR. RACK	GRAVES/HUMPHREYS #63-0390 MFR NO. FL-6A9
16	TOOL HARDWARE CAB	GRAVES/HUMPHREYS #63-1812 MFR NO. FS-5
18	HARDWARE CAB.	GRAVES/HUMPHREYS #63-1832 MFR NO. FS-8
19	SAFETY STOR. CAB.	GRAVES/HUMPHREYS #63-1772 EAGLE #1962
22	SPRAY PAINT OUTFIT	GRAVES/HUMPHREYS #49-1324 DEVILBISS
26	*COMPRESSOR	BROADHEAD-GARRETT #280196 MOD. DAC-503
27	JIG SAW	GRAVES/HUMPHREYS #16-2572 BLACK & DECKER 3157-10
27	RECIPROCATING SAW	GRAVES/HUMPHREYS #16-2562 BLACK & DECKER 3105-09
28	NAIL SIW	GRAVES/HUMPHREYS #63-2608 LIEN 3555
29	BENCHES (SHOPMATE) 5'0" & 6'0"	GRAVES/HUMPHREYS #63-1205 MFR NO. 9317 GRAVES/HUMPHREYS #63-1206 MFR NO. 9318

* - ACCESSORIES —— CONTINUED THIS SHEET ABOVE RIGHT



2 A-27/A-27 PLAN – HOME ECONOMICS
SCALE 1/4":1'-0"
NOTE: CABINETS SHOWN ON ELEVATIONS & SECTIONS TO BE FURNISHED & INSTALLED BY CONTRACTOR



GOVERNMENT FURNISHED EQUIPMENT LIST FOR HOME ECONOMICS
NOTE: EQUIPMENT FURNISHED BY GOVERNMENT AND INSTALLED BY GOVERNMENT

NO.	ITEM GOVERNMENT # OR MANUFACTURER/MODEL #, REMARKS	
2	SANDWICH UNIT	MONTGOMERY GREEN MOD. RP-6
6	FREEZER	SEARS #7A332077W 19.6 CU FT
11	WASHER	MAYTAG A710
12	DRYER	MAYTAG D6710
14	MICROWAVE OVEN	SANYO EM3420

EQUIPMENT FURNISHED BY CONTRACTOR - INSTALLED BY CONTRACTOR

17	HOOD, 7'6" WIDE X 3'6" DEEP	
18	DISPOSAL	

EQUIPMENT FURNISHED BY GOVERNMENT - INSTALLED BY CONTRACTOR

1	INSTITUTIONAL UNIT (26-3/8" X 32-1/2"	SOUTH BEND(XM-1)BROILER, FRYER, 2 OVENS, GRIDDLE, 4 BURNERS
3	REF. (SIDE BY SIDE)	SEARS #6415358SN 28.7 CU FT
4	REF.	SEARS #6472218N 21.0 CU FT
6	DISHWASHER	KITCHEN-AID MOD. KDS-20
7	DROP-IN-RANGE	HOTPOINT RF724GH
8	COOK TOP, CERAMIC	HOTPOINT JP684C
9	HOOD	HOTPOINT JV350
10	OVENS	HOTPOINT RK777GD
13	RANGE & OVEN (GAS)	MAGIC CHEF 2-BA (24-6 CKXW) (HOOD HA309B-2)
15	COMPACTOR	KITCHEN AID KCS-200
16	RANGE	JENN-AIR 30" DROP-IN (NON-VENTED)

SHOP #2 CONTINUED
EQUIPMENT FURNISHED BY GOVERNMENT AND INSTALLED BY CONTRACTOR.

4	*LATHE-12"	GRAVES/HUMPHREYS #99-0900 POWERMATIC MOD. 90
7	*RADIAL ARM SAW-12"	GRAVES/HUMPHREYS #49-1565 ROCKWELL MOD. 33-890
8	*DRL PRESS 15" VAR SPD	GRAVES/HUMPHREYS #49-0940 POWERMATIC 15"
15	RACK FOR CLAMPS	BROADHEAD-GARRETT #461591 MFR NO. CR-1
20	SPRAY BOOTH	PAXTON-PATTERSON PBF1-8-1
21	AIR COMPRESSOR	GRAVES/HUMPHREYS #DAC-502 MFR NO. DAC-502
23	LUMBER RACK	GRAVES/HUMPHREYS #63-1562 MFR NO. PR-10
25	BENCH W/12 LKR BASE	GRAVES/HUMPHREYS #63-0498 MFR NO. 48-31AVA

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

BALLARD, MCKIM & SAWYER - ARCHITECTS
POST OFFICE BOX 3367
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

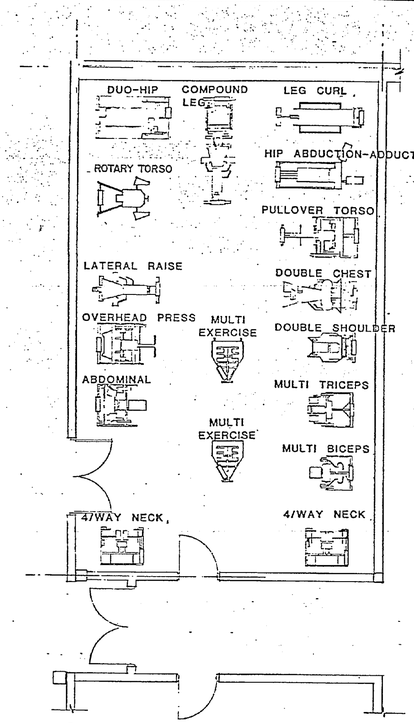
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
1/4" PLANS-SHOPS

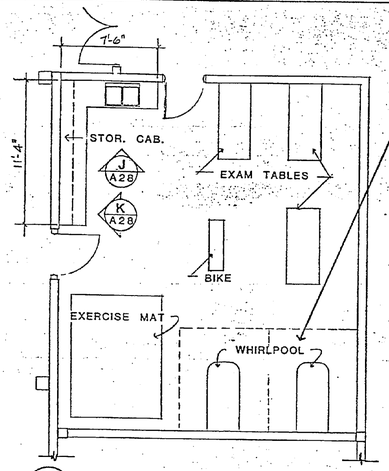
EFD DWG NO 2068729
JOB ORDER NO 57-3412
STA. PROJ NO
DES. MGR. DRAWN BY
PROJ MGR. CHK. BY
EFD. RVD. F.P.
DR MGR. DES. DR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
KEY SHEET FOR COMMENCEMENT LAYOUT

SIZE F | CODE IDENT NO 80091
NAVFAC ORDERING NO 4126229
CONSTR. CONTR. NO N32470-87-B-7107
SCALE 1/4" = 1'-0" | SPEC. 05-87-7107 | SHEET 58 OF 200

A-27

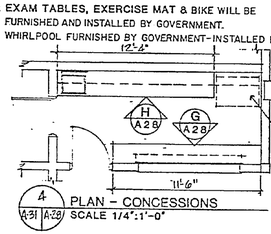


2 PLAN – NAUTILUS
SCALE 1/4":1'-0"
NOTE: ALL EQUIP. LISTED IN NAUTILUS RM. WILL BE PROVIDED & INSTALLED BY THE GOVERNMENT



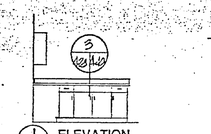
3 PLAN – TRAINING RM.
SCALE 1/4":1'-0"
NOTE: EXAM TABLES, EXERCISE MAT & BIKE WILL BE FURNISHED AND INSTALLED BY GOVERNMENT.
WHIRLPOOL FURNISHED BY GOVERNMENT-INSTALLED BY CONTR.

WHIRLPOOLS FOR TRAINING ROOM:
WHIRLPOOL, J.A. PRESTON PC3621X, WITH PC3621 M MIXING VALVE
WHIRLPOOL, J.A. PRESTON PC3626, WITH PC3626 M MIXING VALVE

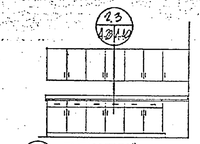


4 PLAN – CONCESSIONS
SCALE 1/4":1'-0"

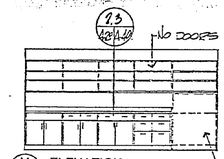
ICE MACHINE - GOVERNMENT FURNISHED, CONTRACTOR INSTALLED



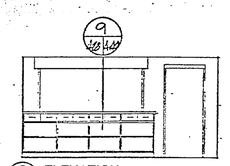
J A28 ELEVATION
SCALE 1/4":1'-0"



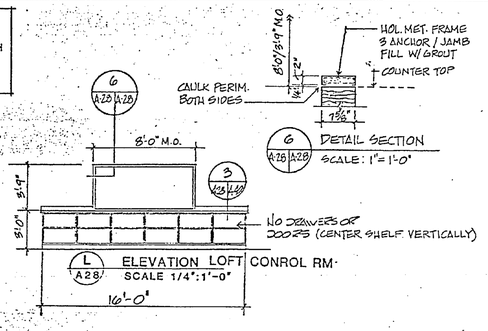
K A28 ELEVATION
SCALE 1/4":1'-0"



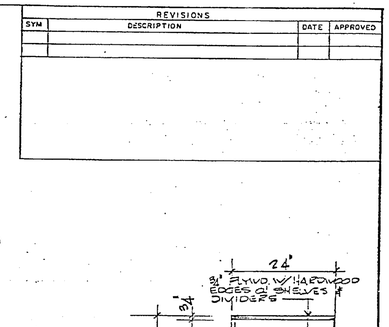
H A28 ELEVATION
SCALE 1/4":1'-0"



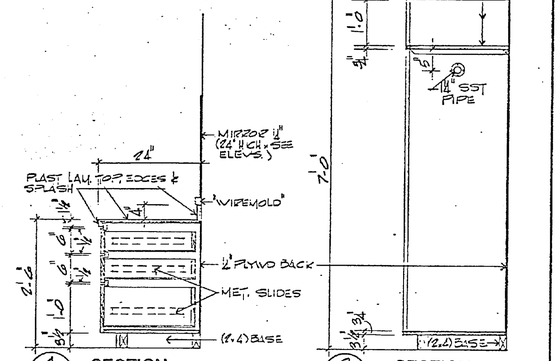
G A28 ELEVATION
SCALE 1/4":1'-0"



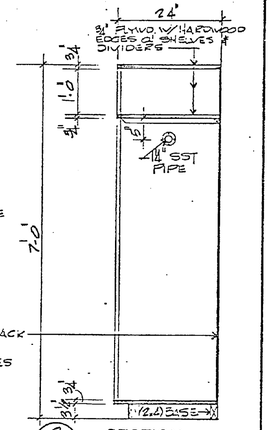
L A28 ELEVATION LOFT CONROL RM.
SCALE 1/4":1'-0"
16'-0"



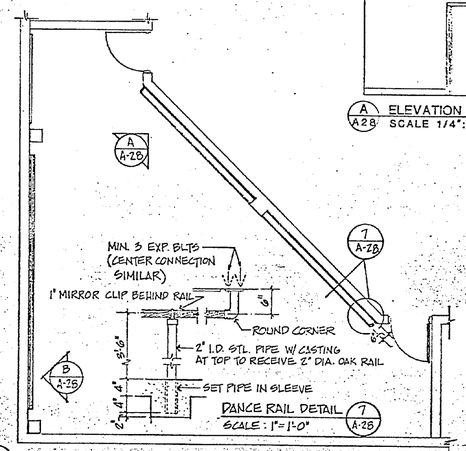
G A28 DETAIL SECTION
SCALE: 1"=1'-0"



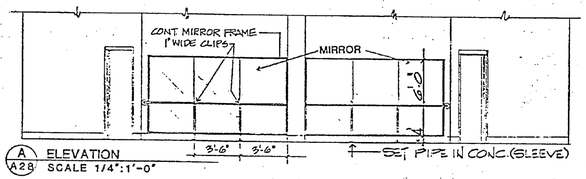
1 SECTION
SCALE: 1":1'-0"



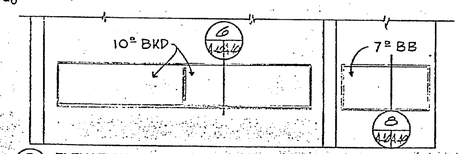
2 SECTION
SCALE: 1":1'-0"



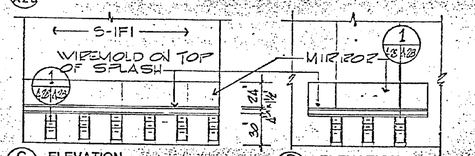
6 PLAN – DRAMA & REHEARSAL
SCALE 1/4":1'-0"



A A28 ELEVATION
SCALE 1/4":1'-0"

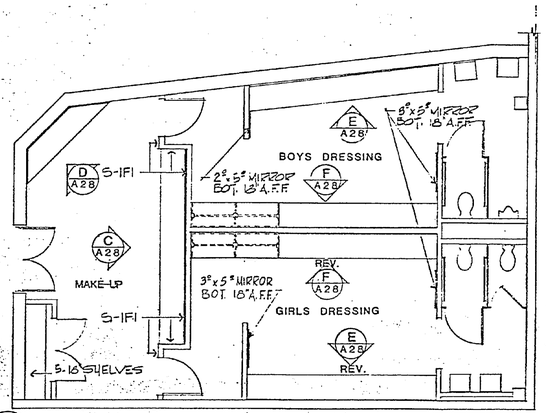


B A28 ELEVATION

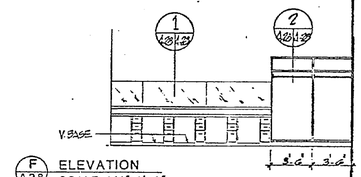


C A28 ELEVATION
SCALE 1/4":1'-0"

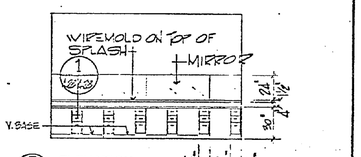
D A28 ELEVATION
SCALE 1/4":1'-0"



5 PLAN – MAKE-UP, BOYS & GIRLS DRESSING
SCALE 1/4":1'-0"



F A28 ELEVATION
SCALE 1/4":1'-0"



E A28 ELEVATION
SCALE 1/4":1'-0"
10" 20" 5'-10" TYP.

GRAPHIC SCALE:
0 5 10 1/4":1'-0"
0 6 12 24 36 1":1'-0"

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

A-28

BALLARD, MCKIM & SAWYER - ARCHITECTS
POST OFFICE BOX 3567
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

EFD DWG NO 226830
JOB ORDER NO 5P3412
STA. PROJ NO
DES. SUPV. DRAWN BMS
PROJ. MGR. CH. ARCH. ENGR
EFD PVD FP
BR MGR DES DIR

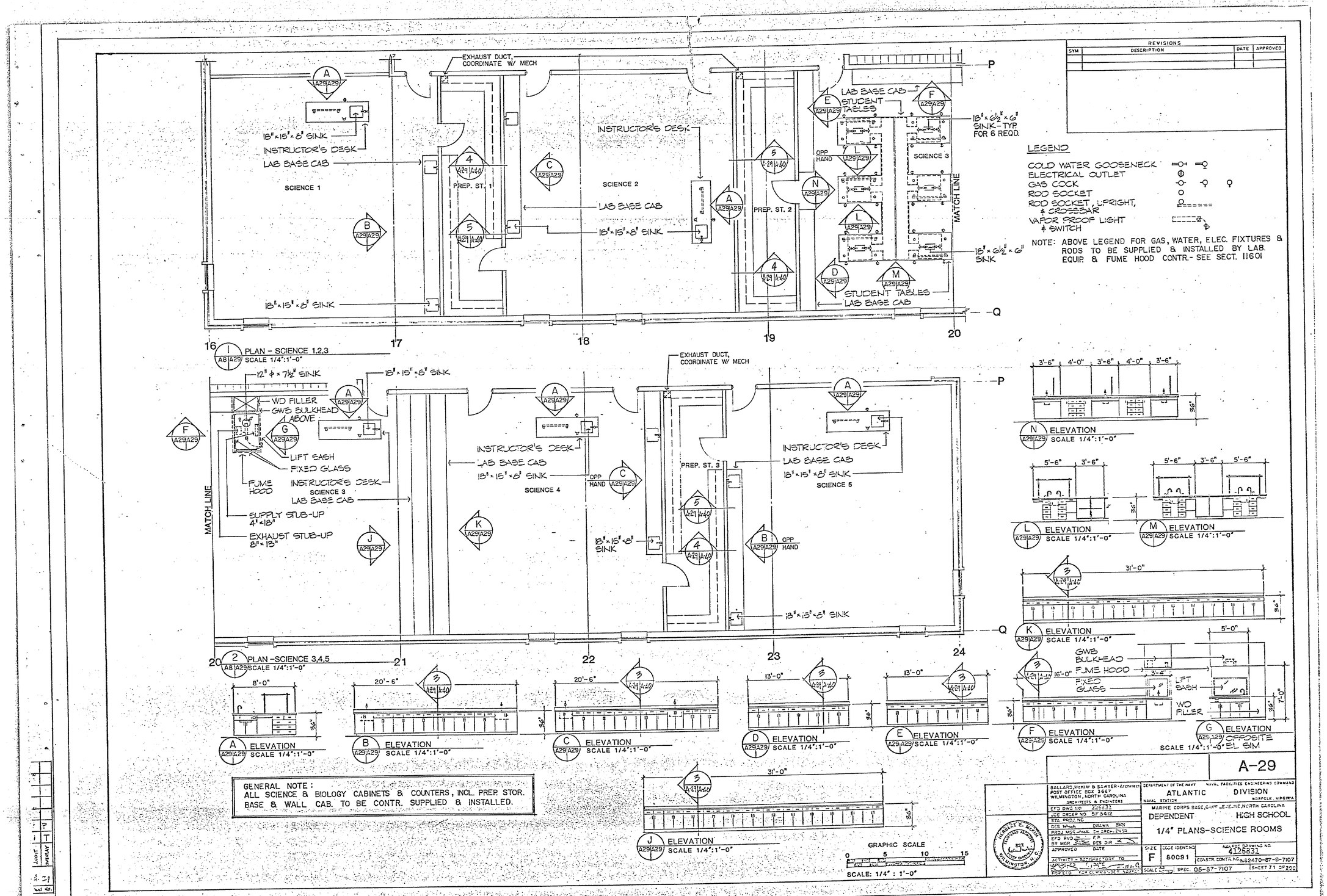
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
1/4" PLANS-TOILETS-DRESSING

APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR ETS FOR GOVERNMENT ACCEPT

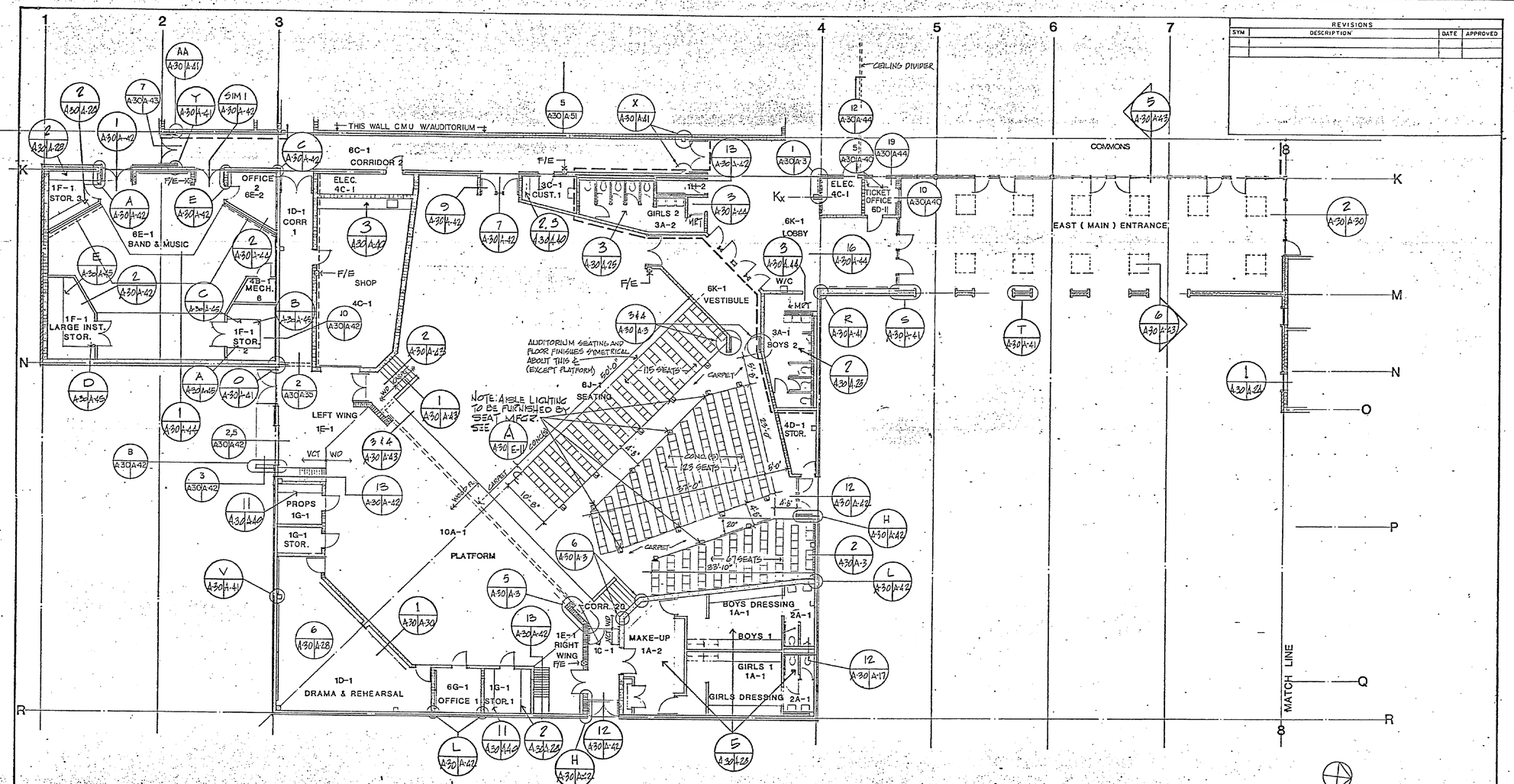
SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126830
CONSTR CONTR NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 70 OF 200

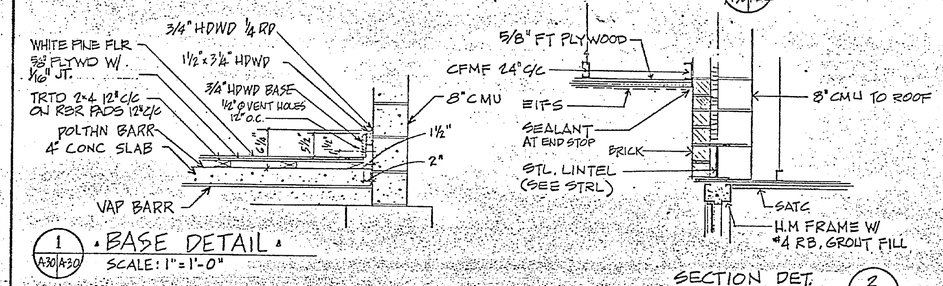
	F	T
Asst.		
Survey		

A 28
Dwg. No.



REVISIONS
SYM
DESCRIPTION
DATE
APPROVED
LEGEND
COLD WATER GOOSENECK
ELECTRICAL OUTLET
GAS COCK
ROD SOCKET
ROD SOCKET, UPRIGHT, & CROSSBAR
VAPOR PROOF LIGHT & SWITCH
NOTE: ABOVE LEGEND FOR GAS, WATER, ELEC. FIXTURES & RODS TO BE SUPPLIED & INSTALLED BY LAB. EQUIP. & FUME HOOD CONTR.- SEE SECT. 11601
EXHAUST DUCT, COORDINATE W/ MECH
18"×15"×8" SINK
INSTRUCTOR'S DESK
LAB BASE CAB
SCIENCE 1
PREP. ST. 1
SCIENCE 2
PREP. ST. 2
SCIENCE 3
STUDENT TABLES
18"×6½"×6" SINK-TYP. FOR 6 REQD.
OPP HAND
MATCH LINE
PLAN - SCIENCE 1,2,3
SCALE 1/4":1'-0"
12" ϕ × 7½" SINK
WD FILLER
GWB BULKHEAD ABOVE
LIFT SASH
FIXED GLASS
FUME HOOD
SCIENCE 3
SUPPLY STUB-UP 4"×18"
EXHAUST STUB-UP 8"×13"
SCIENCE 4
PREP. ST. 3
SCIENCE 5
PLAN - SCIENCE 3,4,5
SCALE 1/4":1'-0"
ELEVATION
SCALE 1/4":1'-0"
GWB BULKHEAD
FUME HOOD
FIXED GLASS
LIFT SASH
WD FILLER
OPPOSITE EL SIM
GENERAL NOTE:
ALL SCIENCE & BIOLOGY CABINETS & COUNTERS, INCL. PREP. STOR. BASE & WALL CAB. TO BE CONTR. SUPPLIED & INSTALLED.
GRAPHIC SCALE
SCALE: 1/4" : 1'-0"
A-29
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
1/4" PLANS-SCIENCE ROOMS
SIZE F
CODE IDENT NO 80091
NAVFAC DRAWING NO. 4125831
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED
SPEC. 05-87-7107
SHEET 71 OF 200





1 A-30 A-30 BASE DETAIL
SCALE: 1" = 1'-0"

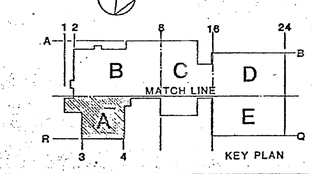
SECTION DET. 2 A-30 A-30
SCALE: 1" = 1'-0"

NOTE: 1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE.
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.

LEGEND:
- ACCENT WALLS
- GRAPHIC WALLS
- FIRE WALLS 2 HR

0 5 10 15 20 25 30
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE:
0 12 24 36
SCALE: 1" = 1'-0"



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

A-30

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

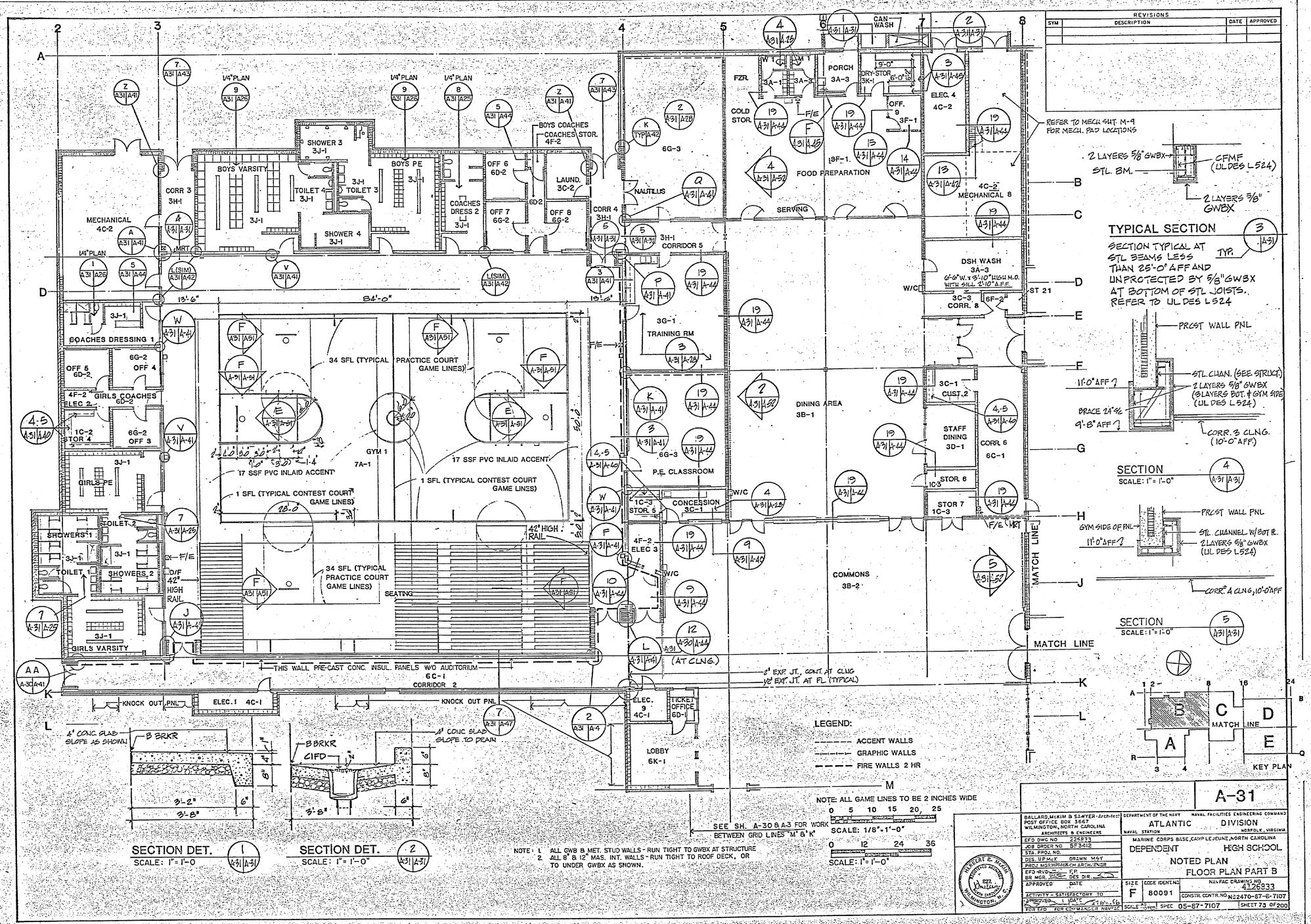
EFD DWG NO 226832
JOB ORDER NO 5F3412
STA. PROJ NO
DES. H.P. McK. DRAWN MGT
PROJ MGR HP McKIM ARCH/ENGR
EFD RVD F.P.
BR MGR. DES DIR
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
NOTED PLAN
FLOOR PLAN PART A

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO. 4126832
CONSTR. CONTR. NO N62470-87-S-7107
SCALE | SPEC 05-87-7107 | SHEET 72 OF 200

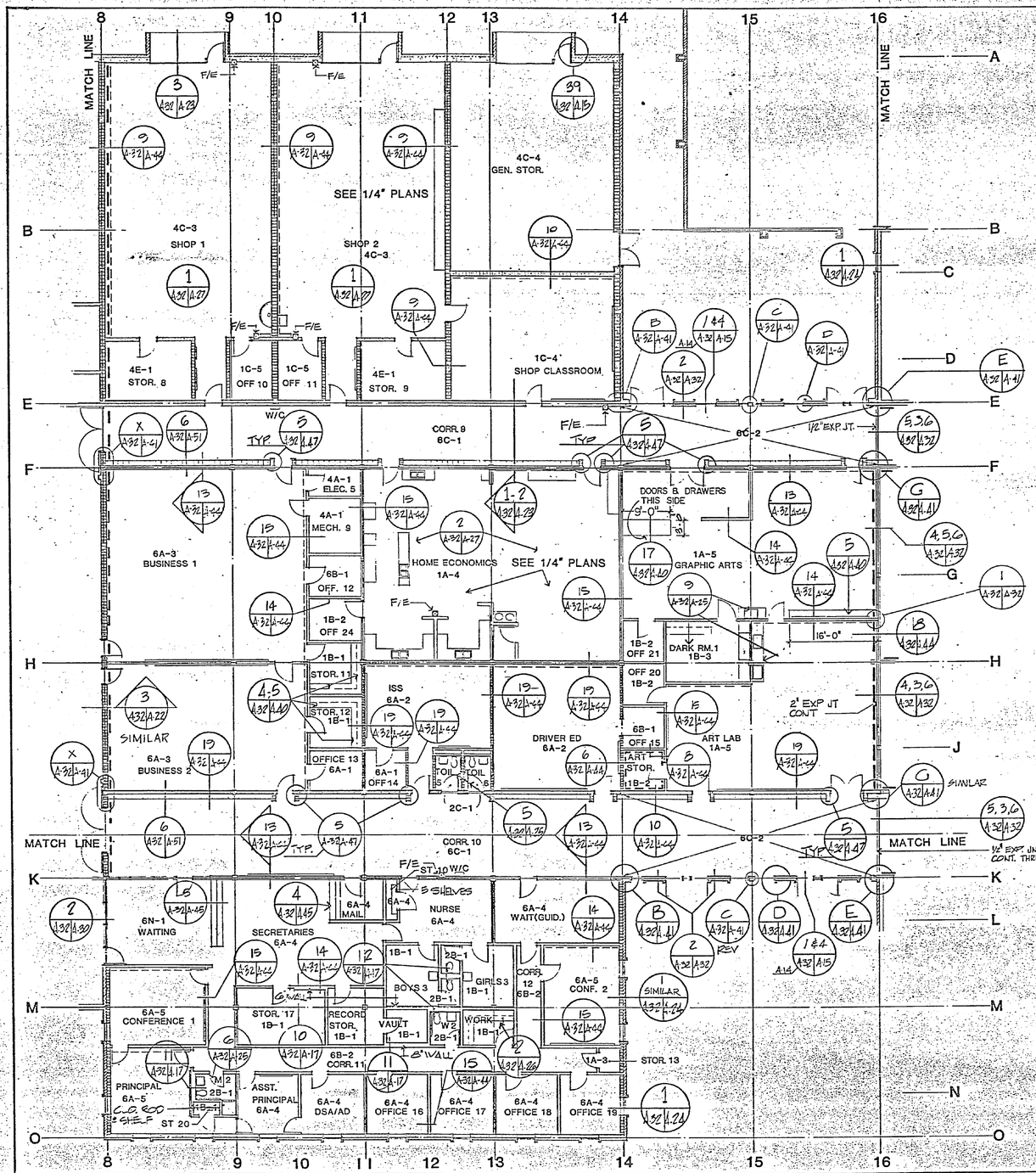
HERBERT P. McKIM REGISTERED ARCHITECT 827 NORTH CAROLINA WILMINGTON, N.C.

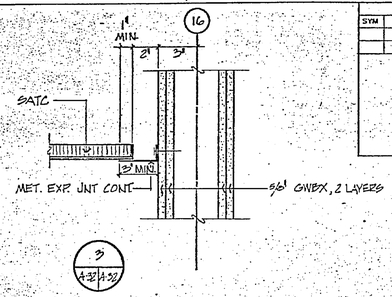
I	I
P	P
N	N
T	T
AUDIT	SUBJECT
A-30	
DWG NO	
A-3	

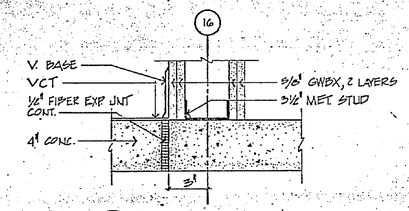


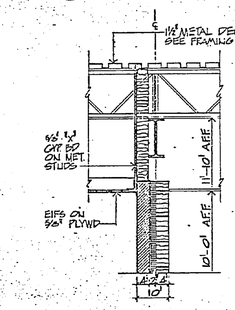
REVISIONS
SYM
DESCRIPTION
DATE
APPROVED
MECHANICAL 4C-2
CORR 3 3H-1
BOYS VARSITY
SHOWER 3 3J-1
TOILET 4 3J-1
TOILET 3 3J-1
SHOWER 4 3J-1
BOYS PE 3J-1
COACHES DRESS 2 3J-1
OFF 6 6D-2
OFF 7 6G-2
OFF 8 6G-2
LAUND. 3C-2
BOYS COACHES
COACHES STOR. 4F-2
CORR 4 3H-1
NAUTILUS
CORRIDOR 5
3H-1
COACHES DRESSING 1
OFF 5 6D-2
OFF 4 6G-2
GIRLS COACHES 6D-2
ELEC 2 4F-2
STOR 4 1C-2
OFF 3 6G-2
GIRLS PE 3J-1
SHOWERS 1
TOILET 2
TOILET 1
SHOWERS 2
GIRLS VARSITY 3J-1
34 SFL (TYPICAL PRACTICE COURT GAME LINES)
17 SSF PVC INLAID ACCENT
1 SFL (TYPICAL CONTEST COURT GAME LINES)
GYM 1 7A-1
SEATING
42" HIGH RAIL
THIS WALL PRE-CAST CONC. INSUL. PANELS W/O AUDITORIUM
CORRIDOR 2 6C-1
KNOCK OUT PNL
ELEC. 1 4C-1
ELEC. 9 4C-1
TICKET OFFICE 6D-1
LOBBY 6K-1
TRAINING RM 3G-1
P.E. CLASSROOM 6G-3
CONCESSION 3C-1
STOR 5 1C-3
4F-2 ELEC 3
COMMONS 3B-2
DINING AREA 3B-1
FOOD PREPARATION
SERVING
PORCH 3A-3
CAN WASH
FZR
COLD STOR.
DRY-STOR 3K-1
OFF. 9 3F-1
ELEC. 4 4C-2
MECHANICAL 8 4C-2
DSH WASH 3A-3
6'-6" W. x 3'-10" HIGH M.O. WITH SILL 2'-10" A.F.F.
3C-3 CORR. 8
ST 21
3C-1 CUST. 2
STAFF DINING 3D-1
CORR 6 6C-1
STOR 6 1C-3
STOR 7 1C-3
MATCH LINE
REFER TO MECH SHT. M-9 FOR MECH. PAD LOCATIONS
2 LAYERS 5/8" GWBX
STL. BM.
CFMF (UL DES L524)
2 LAYERS 5/8" GWBX
TYPICAL SECTION 3 A-31
SECTION TYPICAL AT STL BEAMS LESS THAN 25'-0" AFF AND UNPROTECTED BY 5/8" GWBX AT BOTTOM OF STL JOISTS. REFER TO UL DES L524
PRCST WALL PNL
STL. CHAN. (SEE STRUCT.)
2 LAYERS 5/8" GWBX (3 LAYERS BOT. & GYM SIDE) (UL DES L524)
11'-0" AFF
BRACE 24" S/C
9'-8" AFF
CORR. 3 CLNG. (10'-0" AFF)
SECTION 4 A-31
SCALE: 1" = 1'-0"
PRCST WALL PNL
GYM SIDE OF PNL
STL. CHANNEL W/ BOT PL.
2 LAYERS 5/8" GWBX (UL DES L524)
11'-0" AFF
CORR. 4 CLNG, 10'-0" AFF
SECTION 5 A-31
SCALE: 1" = 1'-0"
MATCH LINE
KEY PLAN
LEGEND:
ACCENT WALLS
GRAPHIC WALLS
FIRE WALLS 2 HR
NOTE: ALL GAME LINES TO BE 2 INCHES WIDE
SCALE: 1/8" = 1'-0"
SCALE: 1" = 1'-0"
SEE SH. A-30 & A-3 FOR WORK BETWEEN GRID LINES "M" & "K"
SECTION DET. 1 A-31
SCALE: 1" = 1'-0
SECTION DET. 2 A-31
SCALE: 1" = 1'-0"
4" CONC. SLAB SLOPE AS SHOWN
4" CONC. SLAB SLOPE TO DRAIN
B BRKR
CIFD
NOTE: 1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.
SECTION B ONLY
A-31
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS
EFD DWG NO 226833
JOB ORDER NO 5F3412
STA. PROJ. NO.
DES. UP McK DRAWN MSY
PROJ MGR HPMCK CH ARCH/ENGR
EFD RVD F.P.
BR MGR. DES DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED
FOR EFD FOR COMMANDER NAVFAC
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
NOTED PLAN
FLOOR PLAN PART B
SIZE F
CODE IDENT NO 80091
NAVFAC DRAWING NO 4126833
CONSTR. CONTR. NO N62470-87-B-7107
SCALE AS NOTED
SPEC 05-87-7107
SHEET 73 OF 200
HERBERT E. McKIM REGISTERED ARCHITECT 822 WILMINGTON, N.C.

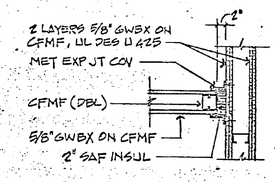
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



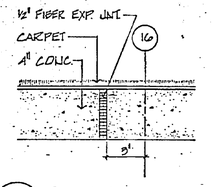




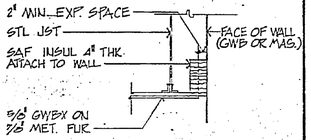




PLAN DET. 1 / A-32 | A-32
SCALE: 1" = 1'-0"

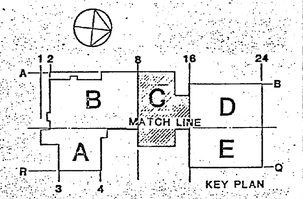


5 / A-32 | A-32 SECT. DET. AT FL.
SCALE: 3" = 1'-0"



6 / A-32 | A-32 SEC. DET.
SCALE: 1" = 1'-0"

NOTE: 1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE.
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.



LEGEND:
- ACCENT WALLS
- GRAPHIC WALLS
- FIRE WALLS 2 HR

0 5 10 15 20 25 30
SCALE: 1/8" - 1'-0"
GRAPHIC SCALE
0 12 24 36
SCALE: 1" = 1'-0"

A-32

BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

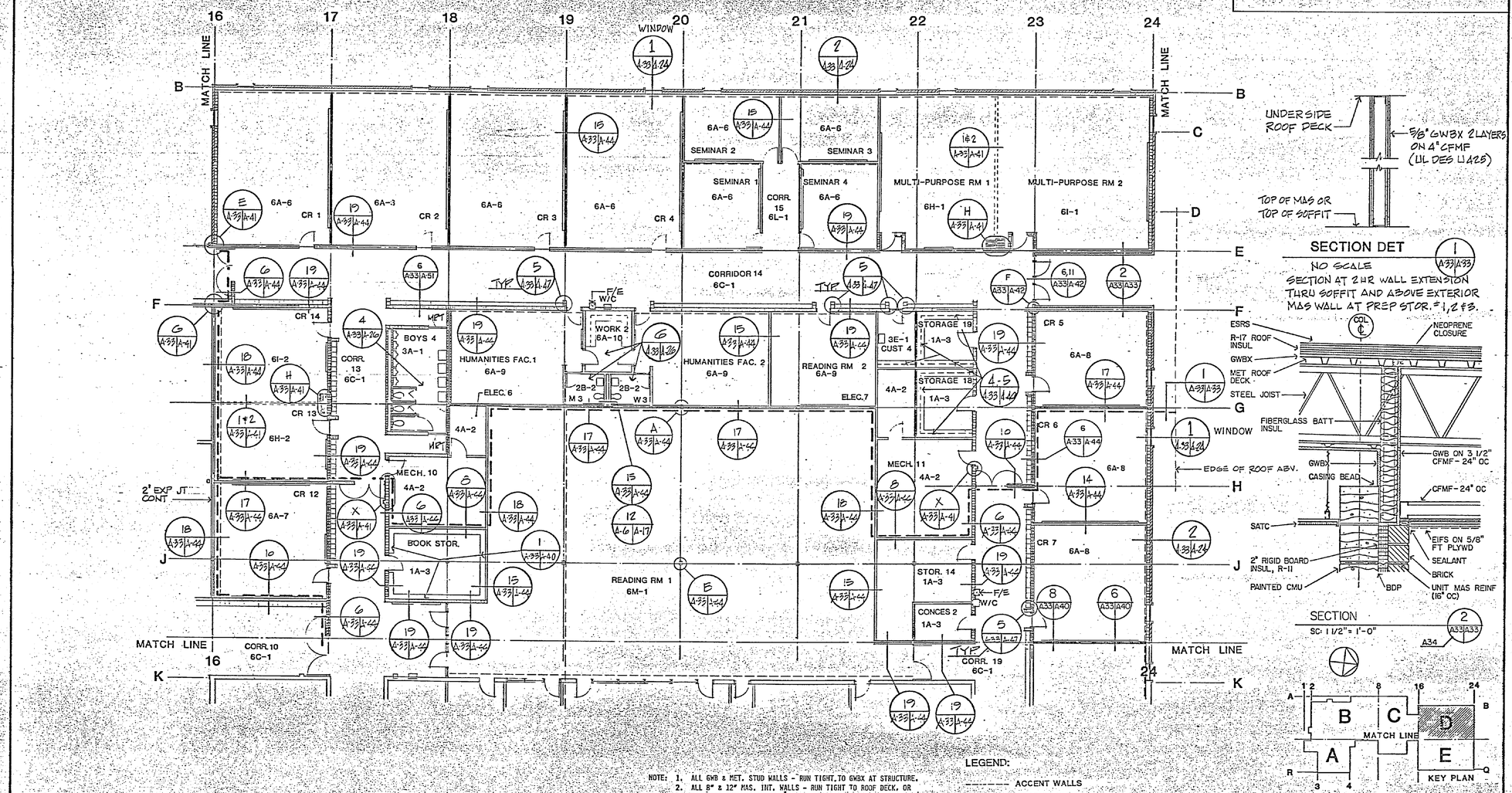
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
NOTED PLAN
FLOOR PLAN PART C

EFD DWG NO	226934
JOB ORDER NO	5F5412
STA. PROJ NO	
DES. D.P.M.K.	DRWN MST
PROJ. MGR. B.P.M.K.	CH. ARCH. ENGR
EFD RVWR	F.P.
SR. MGR.	DES. DIR.
APPROVED	DATE

ACTIVITY - SATISFACTORY TO
APPROVED [illegible] DATE
FOR EFD FOR COMMANDER NAVFAC

SIZE F | CODE IDENT.NO 80091 | NAVFAC DRAWING NO. 4126834
CONSTR. CONTR. NO N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 74 OF 200

A-32



NOTE: 1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE.
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.

LEGEND:
- ACCENT WALLS
- GRAPHIC WALLS
- FIRE WALLS 2 HR

0 5 10 15 20 25 30
SCALE: 1/8" = 1'-0"
GRAPHIC SCALE

A-33

BALLARD, McKIM & SAWYER - Architect
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WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

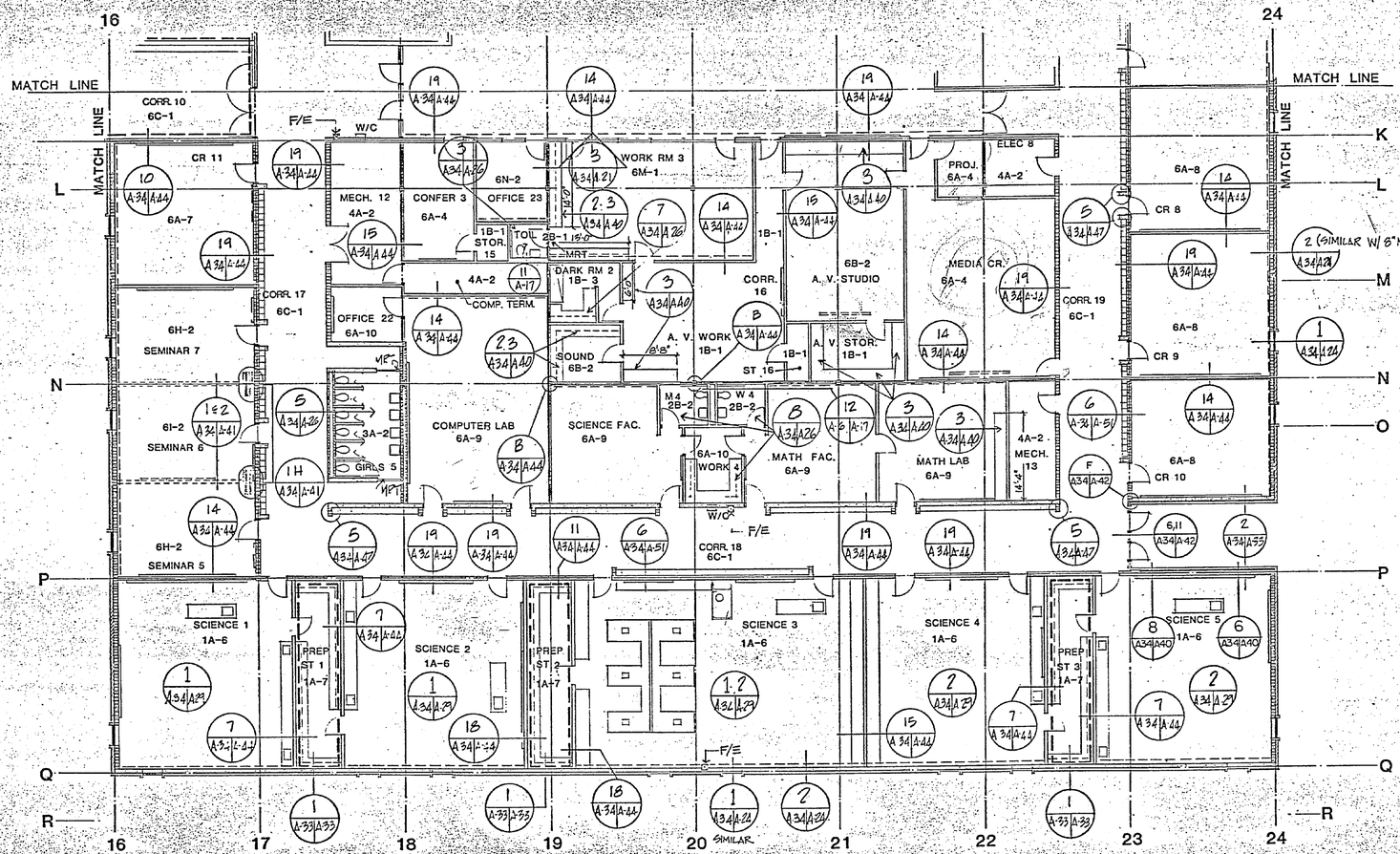
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
NOTED PLAN
FLOOR PLAN PART D

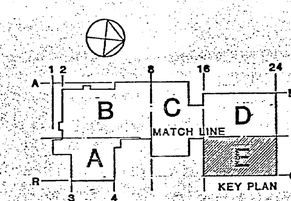
EFD DWG NO 226835
JOB ORDER NO 5F3412
STA. PROJ. NO.
DES. H.P. McK. DRAWN MSY
PROJ MGR LP McKIM ARCH/ENGR.
EFD. RVD F.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

SIZE F | CODE IDENT. NO. 80091 | NAVFAC DRAWING NO. 4126835
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED | SPEC. 05-87-7107 | SHEET 75 OF 200

HERBERT P. McKIM, REGISTERED ARCHITECT, NORTH CAROLINA, WILMINGTON, N.C.

I	I
Po	Po
N	N
T	T
Arch	Drawing
A-33	
A-7	





NOTE: 1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE.
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.

LEGEND:
- ACCENT WALLS
- GRAPHIC WALLS
- FIRE WALLS 2 HR

0 5 10 15 20 25 30
SCALE: 1/8"=1'-0"
GRAPHIC SCALE

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

A-34

BALLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

NOTED PLAN
FLOOR PLAN PART E

EFD DWG NO 226236
JOB ORDER NO 5F3412
STA. PROJ. NO
DES. BR. MGR. DRAWN MST
PROJ. MGR. CH ARCH/ENGR
EFD. RVD. F.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

HERBERT P. McKIM, REGISTERED ARCHITECT, 827, NORTH CAROLINA, WILMINGTON, N.C.

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO. 4126836
CONSTR. CONTR. NO N62470-87-B-7107
SCALE AS NOTED | SPEC. 05-87-7107 | SHEET 76 OF 200

I	I
P	P
N	
T	T
AUDIT	PRIMARY
A-34	
DWG. NO	
A-8	
A-34	

REFLECTED CEILING PLAN

FLOOR PLAN PART A LOFT

SECTION DETAIL 2 (A35|A35) A-30

SECTION DETAIL 1 (A35|A35)
NO SCALE

GRAPHIC SCALE:
0 5 10 15 20 25 30
SCALE: 1/8" = 1'-0"

NOTE:
1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE.
2. ALL 8" & 12" MAS.-INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.
3. ALL ATC HEIGHTS 10'0" AFF UNLESS NOTED OTHERWISE.
4. ALL GWBX CEILING HEIGHTS AT BOTTOM OF BAR JOIST.

LEGEND

- ⊠ SPEAKER
- ▭ LIGHT
- ⊡ EMERGENCY LIGHT
- ⊠ SUPPLY, RETURN, OR EXHAUST AIR GRILL
- ○ LIGHT

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

A-35

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 226837
JOB ORDER NO. 5F3412
STA. PROJ. NO.
DES. DRAWN
PROJ. MGR CH. ARCH./ENGR.
EFD. RVD F.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

HERBERT P. McKIM REGISTERED ARCHITECT 527 NORTH CAROLINA WILMINGTON, N.C.

DEPARTMENT OF THE NAVY . NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
REFLECTED CEILING PLAN
PART A

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126837
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED | SPEC. 05-87-7107 | SHEET 77 OF 200

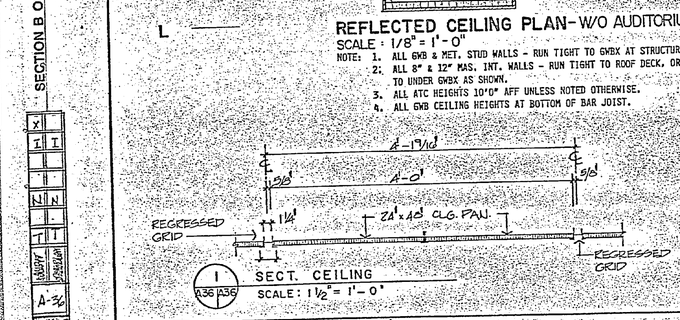
A-35
A-B

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

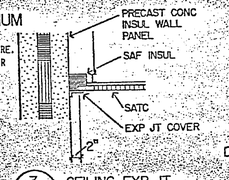
REFLECTED CEILING PLAN- W/O AUDITORIUM

SCALE : 1/8" = 1'-0"

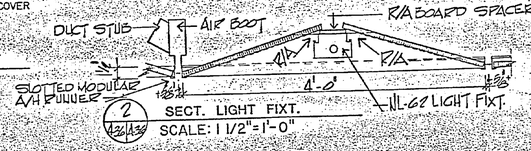
NOTE:
1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE.
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.
3. ALL ATC HEIGHTS 10'0" AFF UNLESS NOTED OTHERWISE.
4. ALL GWB CEILING HEIGHTS AT BOTTOM OF BAR JOIST.



1 A36/A36 SECT. CEILING
SCALE: 1 1/2" = 1'-0"



3 A36/A36 CEILING EXP. JT
SC: 1" = 1'-0"



2 A36/A36 SECT. LIGHT FIXT.
SCALE: 1 1/2" = 1'-0"

GRAPHIC SCALES:
0 5 10 15 20 25 30
SCALE: 1/8" = 1'-0"
0 6 12 24
SCALE: 1 1/2" = 1'-0"
0 6 12 24 36
SCALE: 1" = 1'-0"

SECTION B ONLY

A-36

GALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

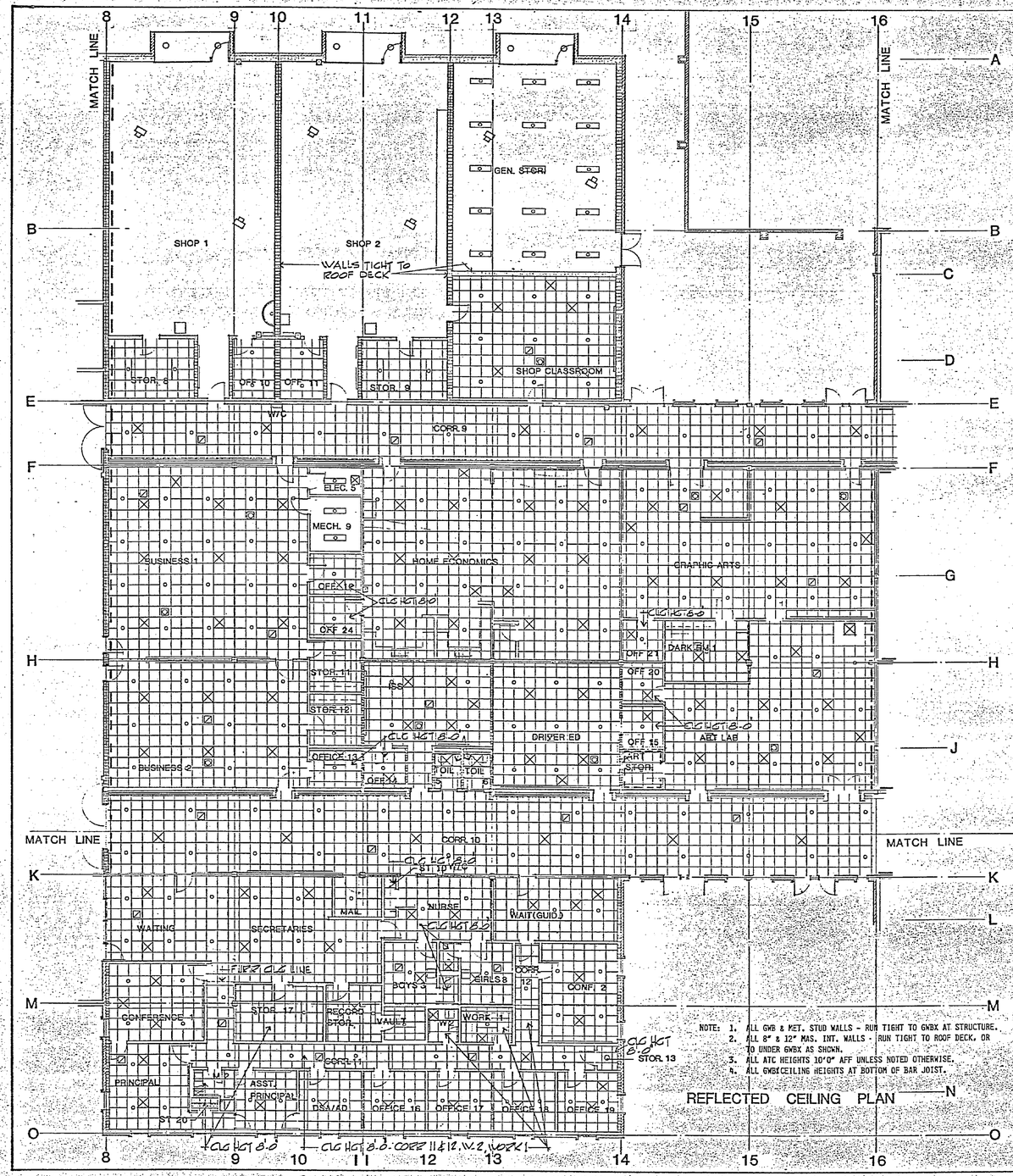
DEPENDENT HIGH SCHOOL

REFLECTED CEILING PLAN
PART B

EFD DWG NO	226838
JOB ORDER NO	5P3412
STA. PROJ NO.	
DES. HPJ/MG	DRAWN BWH
PROJ MGR	HPMCKCH
ARCH/ENGR	
EFD RVWR	F.P.
SR. MGR.	DES. DIR.
APPROVED	DATE
ACTIVITY - SATISFACTORY TO	
APPROVED FOR CO	DISAPPROVED FOR CO
FOR CO	FOR COMMANDER NAVFAC

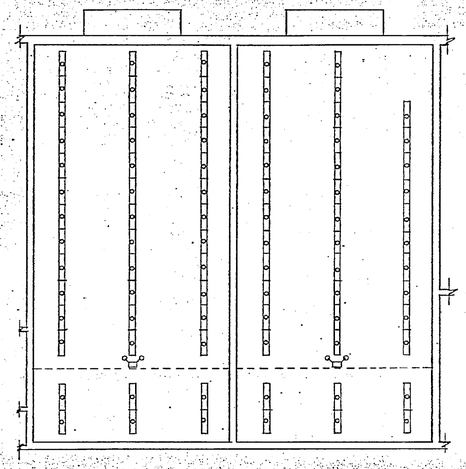
SIZE: F | CODE IDENT NO: 80091 | NAVFAC DRAWING NO: 4126838
CONSTR. CONTR. NO: N62470-87-B-7107
SPEC. 05-87-7107 | SHEET 7B OF 200
SCALE: AS NOTED

HERBERT E. ARCHER — REGISTERED ARCHITECT — NORTH CAROLINA — WILMINGTON, N.C.



NOTE:
1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE.
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.
3. ALL ATC HEIGHTS 10'0" AFF UNLESS NOTED OTHERWISE.
4. ALL GWB/CEILING HEIGHTS AT BOTTOM OF BAR JOIST.

REFLECTED CEILING PLAN



UPPER LEVEL PLAN OF SHOPS 1 & 2

0 5 10 15 20 25 30
SCALE: 1/8" = 1'-0"
GRAPHIC SCALE

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

A-37

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

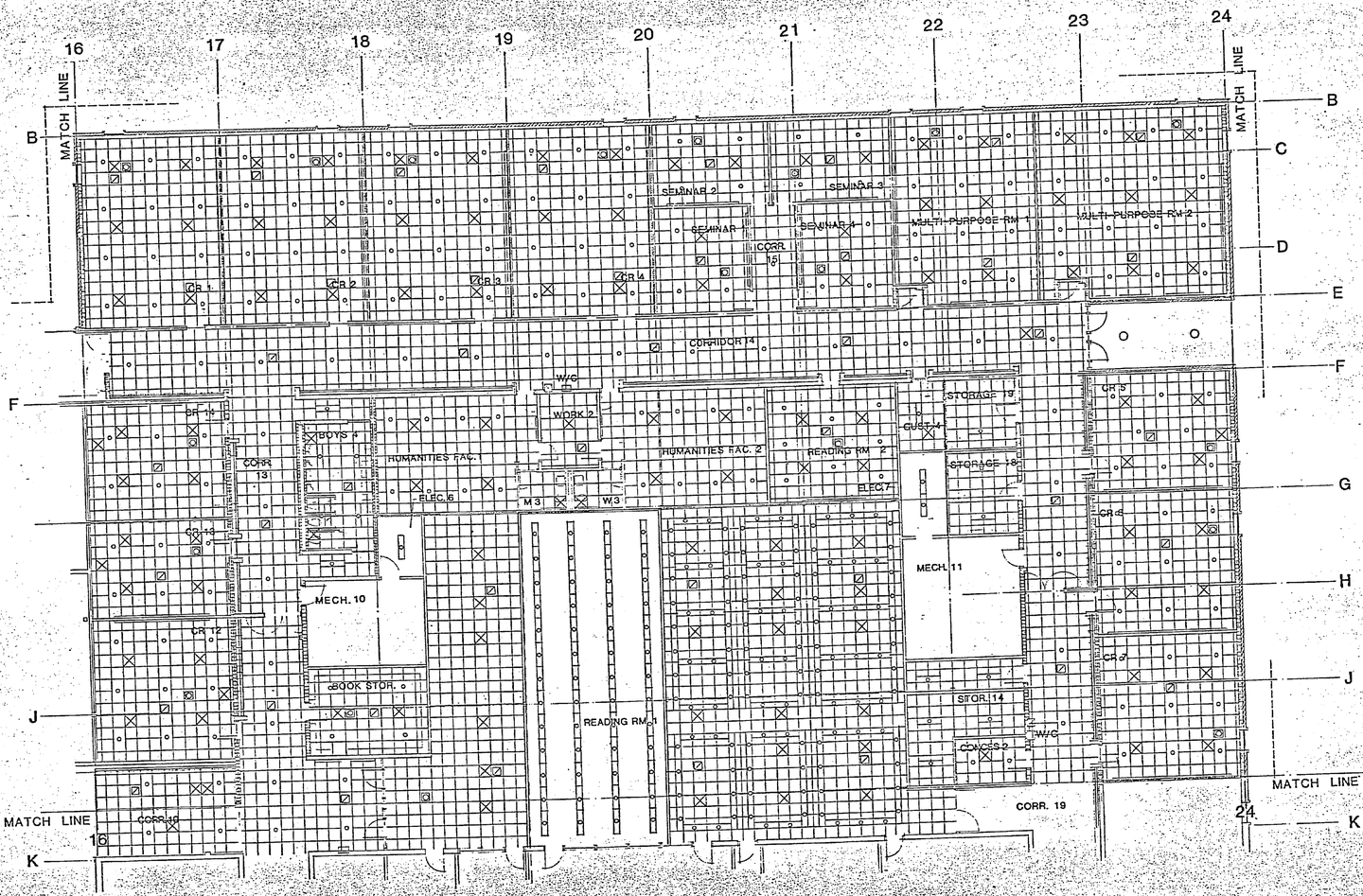
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
REFLECTED CEILING PLAN
PART C

EFD DWG NO 226839
JOB ORDER NO. 5F3412
STA. PROJ NO.
DES. HFMcK DRAWN BHN
PROJ MGR HFMcK CH ARCH/ENGR
EFD. RVD F.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE 21 Mar 86
FOR EFD FOR COMMANDER NAVFAC

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126839
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED | SPEC. 05-87-7107 | SHEET 79 OF 200

HERBERT P. McKIM REGISTERED ARCHITECT 827 WILMINGTON, N.C.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



0 5 10 15 20 25 30

SCALE: 1/8"=1'-0"

GRAPHIC SCALE

REFLECTED CEILING PLAN

SCALE: 1/8"=1'-0"

NOTE:
1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE.
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.
3. ALL ATC HEIGHTS 10'0" AFF UNLESS NOTED OTHERWISE.
4. ALL GWBX CEILING HEIGHTS AT BOTTOM OF BAR JOIST.

A-38

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
REFLECTED CEILING PLAN
PART D

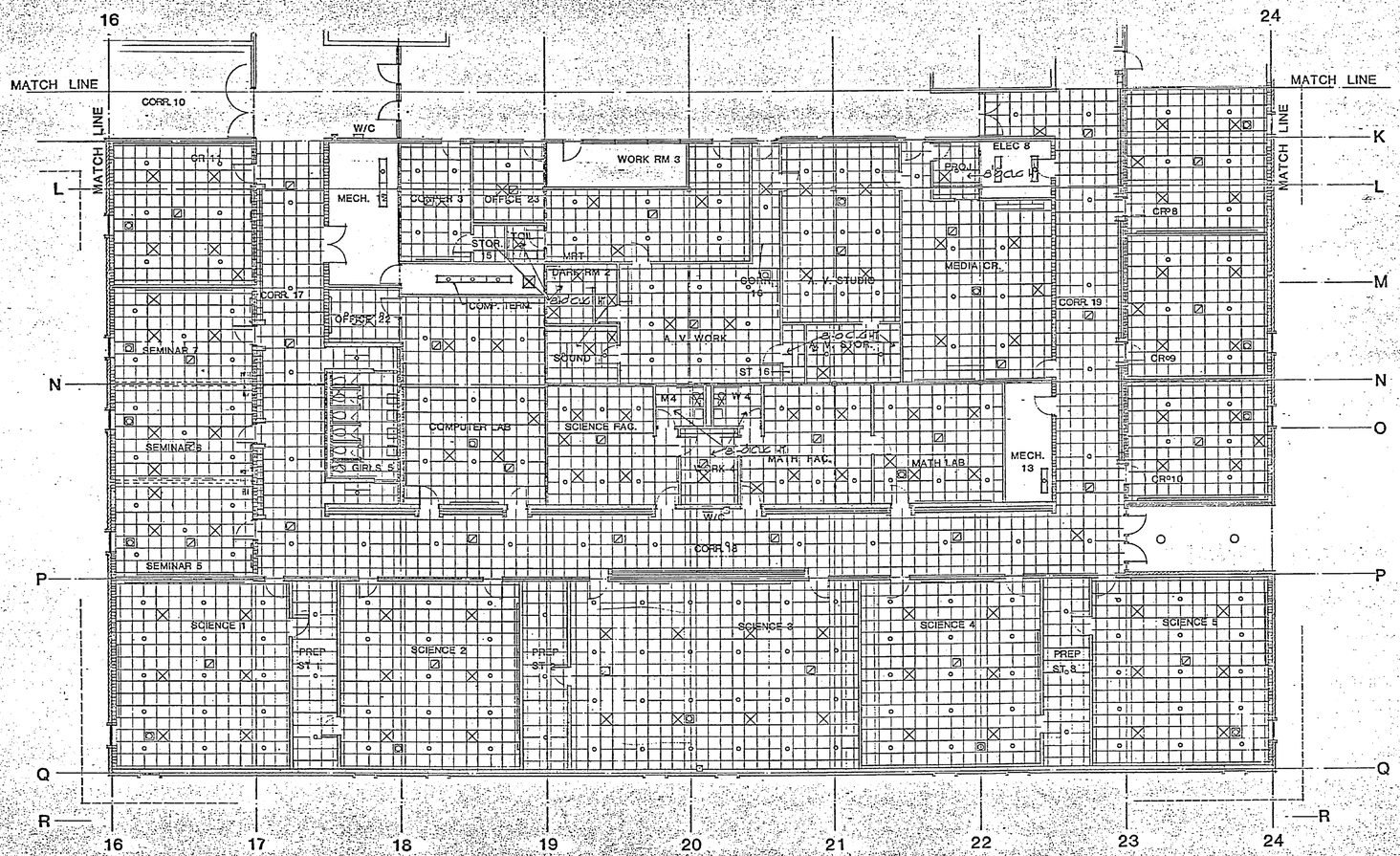
EFD DWG NO 226840
JOB ORDER NO. 5F3412
STA. PROJ. NO.
DES. [illegible] DRAWN [illegible]
PROJ. MGR. [illegible] CH ARCH/ENGR
EFD. RVD. [illegible] F.P.
BR. MGR. [illegible] DES. DIR. [illegible]
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED [illegible] DATE [illegible]
FOR EFD FOR COMMANDER NAVFAC

HERBERT P. McKIM, REGISTERED ARCHITECT, 827, NORTH CAROLINA, WILMINGTON, N.C.

SIZE	CODE IDENT NO	NAVFAC DRAWING NO.
F	80091	4126840
		CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED	SPEC. 05-87-7107	SHEET 80 OF 200

X	
I	I
N	N
T	T
AUDIT	CHECKED
A-38	
DESIGNED	

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



REFLECTED CEILING PLAN

0 5 10 15 20 25 30

SCALE: 1/8"=1'-0"

GRAPHIC SCALE

NOTE:
1. ALL GWB & MET. STUD WALLS - RUN TIGHT TO GWBX AT STRUCTURE.
2. ALL 8" & 12" MAS. INT. WALLS - RUN TIGHT TO ROOF DECK, OR TO UNDER GWBX AS SHOWN.
3. ALL ATC HEIGHTS 10'0" AFF UNLESS NOTED OTHERWISE.
4. ALL GWB&CEILING HEIGHTS AT BOTTOM OF BAR JOIST.

A-39

BALLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

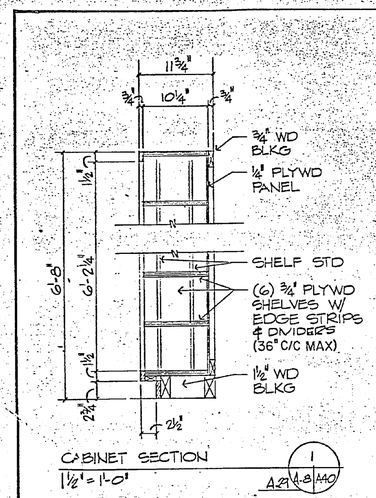
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
REFLECTED CEILING PLAN
PART E

EFD DWG NO	226841
JOB ORDER NO	5F3412
STA. PROJ. NO.	
DES. NPN&K	DRAWN BNN
PROJ. MGR NPN&K	CH ARCH. ENGR
EFD. RVD	FR
BR. MGR.	DES. DIR.
APPROVED	DATE
ACTIVITY - SATISFACTORY TO	
APPROVED	DATE 11 Nov 66
FOR EFD	FOR COMMANDER NAVFAC

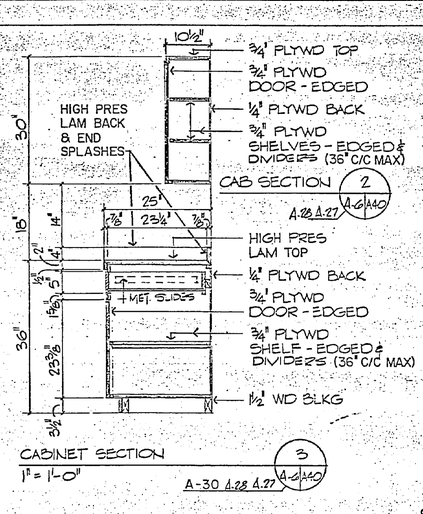
HERBERT P. McKIM, REGISTERED ARCHITECT, 627, WILMINGTON, N. C.

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	4126841
		CONSTR. CONTR. NO. N62470-67-S-7107
SCALE: AS NOTED	SPEC. 05-87-7107	SHEET 81 OF 200

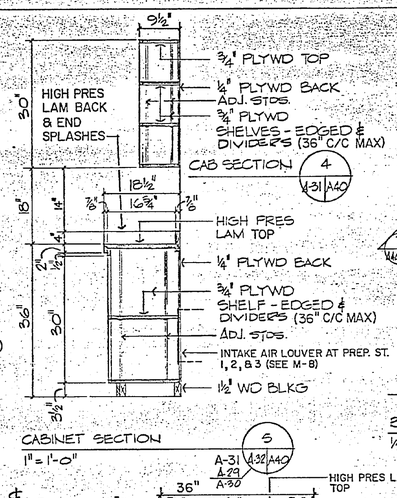
X	
I	I
N	N
T	T
AUDIT	CAD/DRAFT
A-39	
DWG. NO.	
AB	



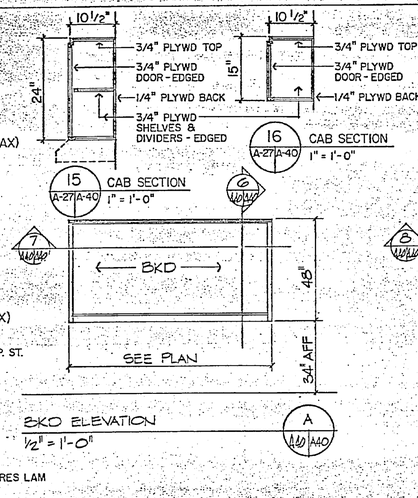
CABINET SECTION
1½" = 1'-0"
1 A-27 A-28 A-40 A40



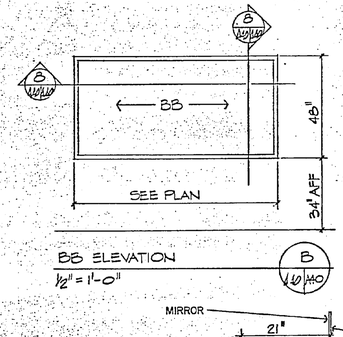
CABINET SECTION
1" = 1'-0"
3 A-30 A-28 A-27 A40



CABINET SECTION
1" = 1'-0"
5 A-31 A-29 A-30 A32 A40

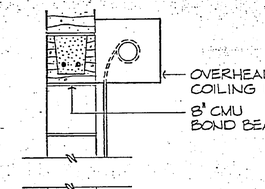


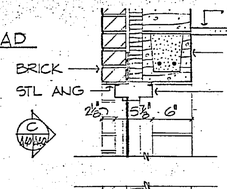
BKD ELEVATION
½" = 1'-0"
A A40 A40

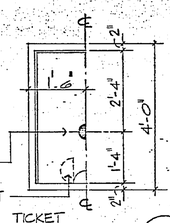


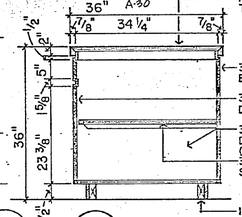
BB ELEVATION
½" = 1'-0"
B A40 A40

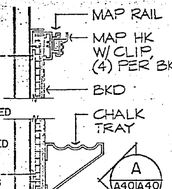
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

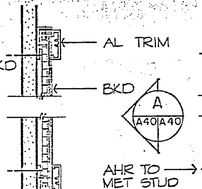


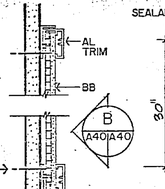


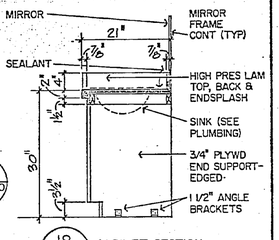


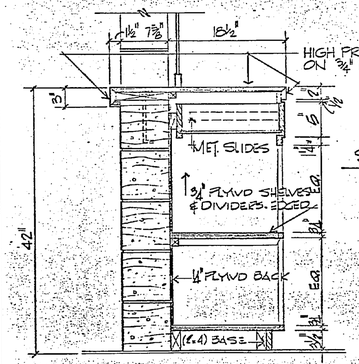




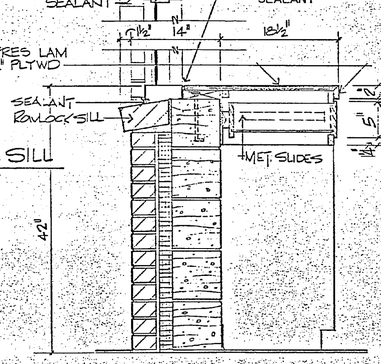




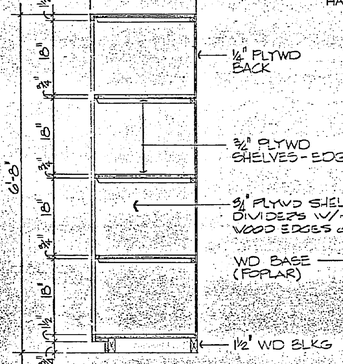




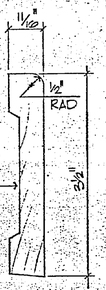
CONCESSION WINDOW SECTION
1½" = 1'-0"
9 A-31 A40



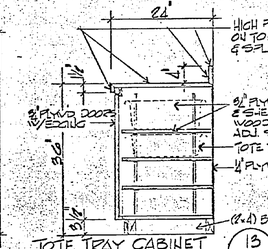
TICKET WINDOW SECTION
1½" = 1'-0"
10 A-30 A40



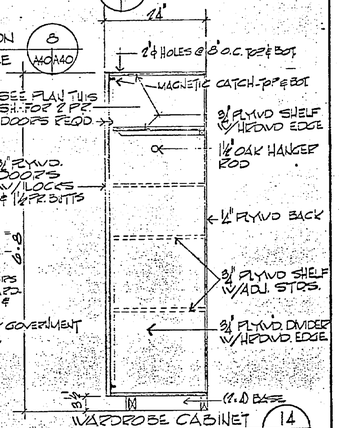
WD PROJECT STORAGE CABINET
1" = 1'-0"
11 A-30 A-27 A40



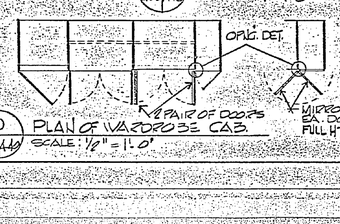
WD BASE SECTION
FULL SCALE
12 A16 A40



TOTE TRAY CABINET
SCALE: 1" = 1'-0"
13 A-27 A40



WARDROBE CABINET
SCALE: 1" = 1'-0"
14 A-27 A-40 A40



D A27 A40 PLAN OF WARDROBE CAB.
SCALE: ½" = 1'-0"

GRAPHIC SCALES:

0 6" 12" 24" 48" 72"
½" = 1'-0"

0 6" 12" 24" 36" 48"
¾" = 1'-0"

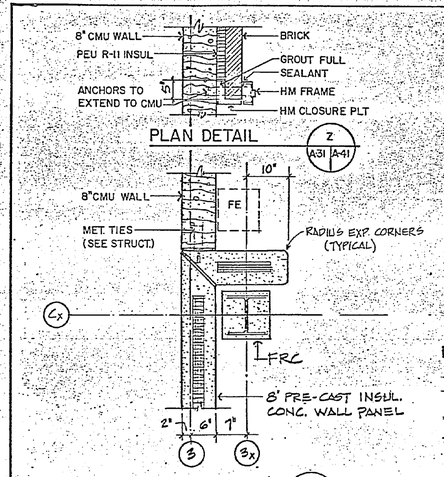
0 6" 12" 24"
1" = 1'-0"

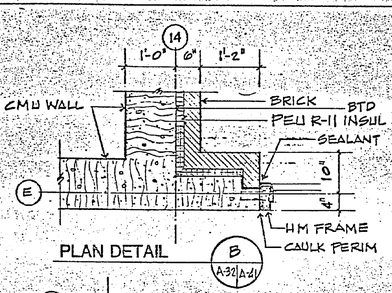
0 6" 12" 24"
1½" = 1'-0"

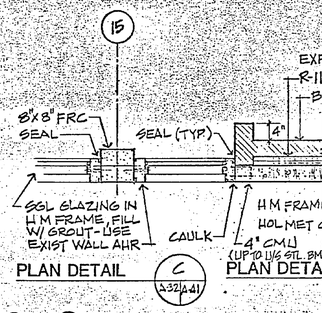
BALLARD, MCKIM & SAWYER - Architect POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS	DEPARTMENT OF THE NAVY ATLANTIC DIVISION NAVAL STATION	NAVAL FACILITIES ENGINEERING COMMAND NORFOLK, VIRGINIA	A-40
EFD DWG NO 276842 JOB ORDER NO 6F3412 STA. PROJ. NO DES. IIP MCK DRAWN WTB PROJ. MGR. EPM/KCH ARCH. ENGR EFD RWD Sr. F.P. BR. MGR. EJC DES. DIR. WTB	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA DEPENDENT HIGH SCHOOL MISCELLANEOUS DETAILS		
APPROVED DATE ACTIVITY - SATISFACTORY TO APPROVED DATE FOR EFD FOR COMMANDER NAVFAC	SIZE F CODE IDENT NO 80091 SCALE AS NOTED	NAVFAC DRAWING NO 4126842 CONSTR. CONTR. NO N62470-67-C-7107 SPEC 05-67-7107	SHEET 82 OF 200

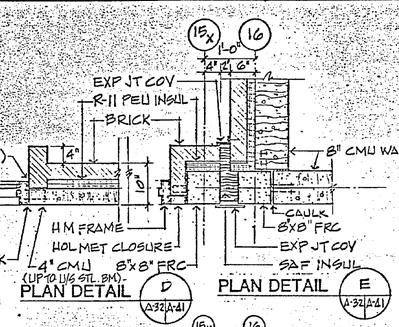
I	I		
-	-		
I	I		
JOHN	CATHLEEN		

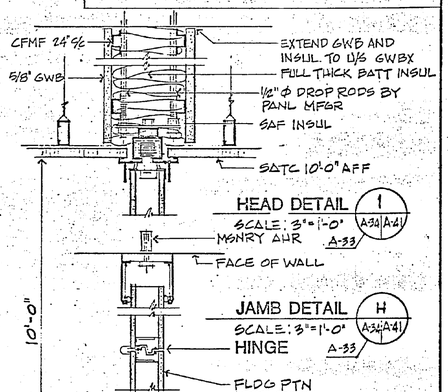
A-40
DWG NO

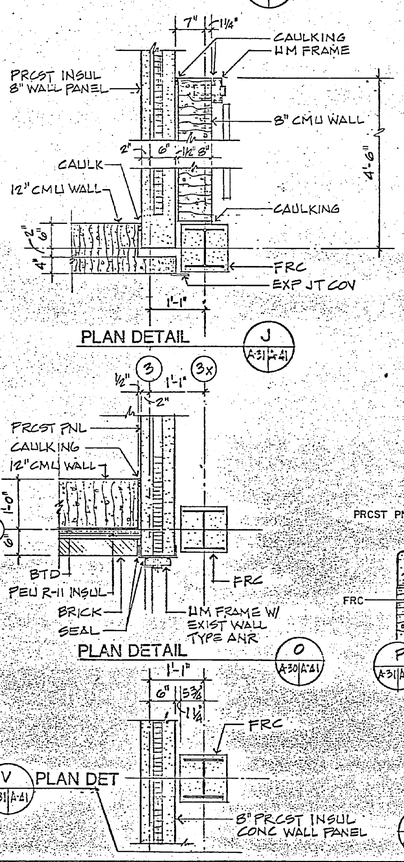


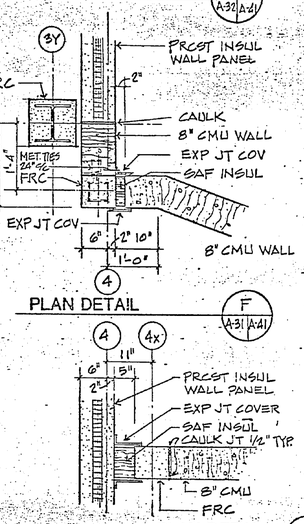


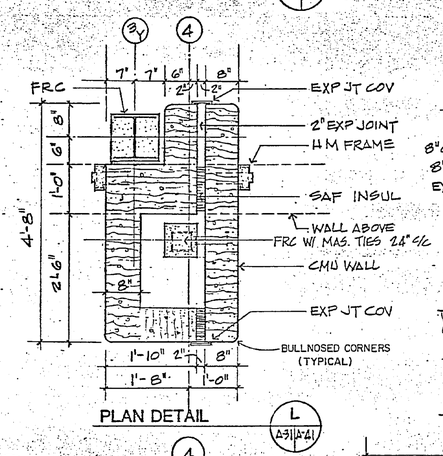


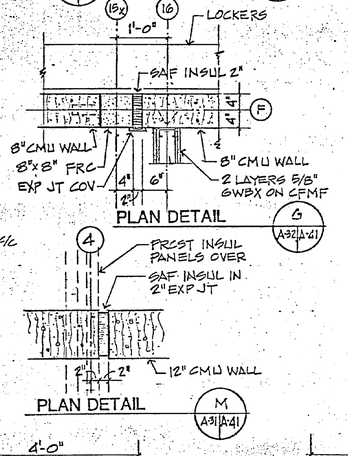


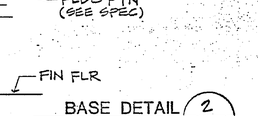


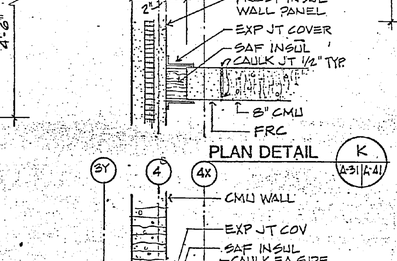


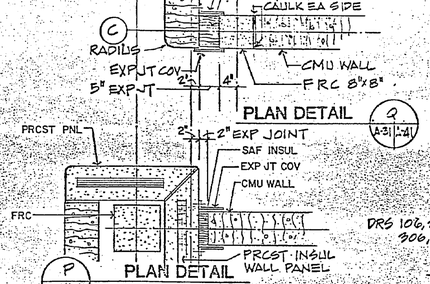


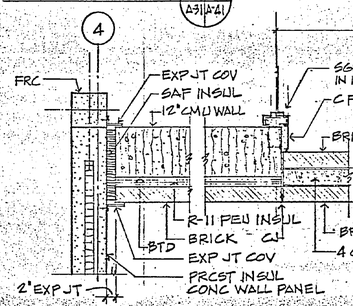


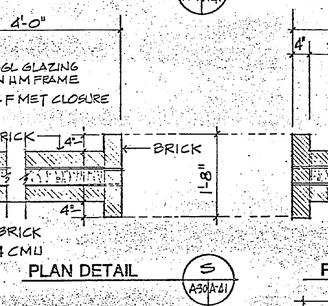


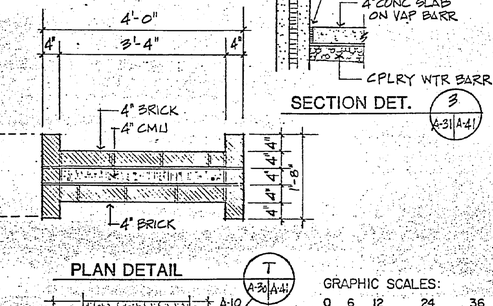


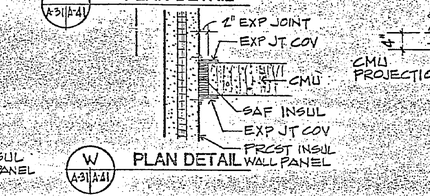


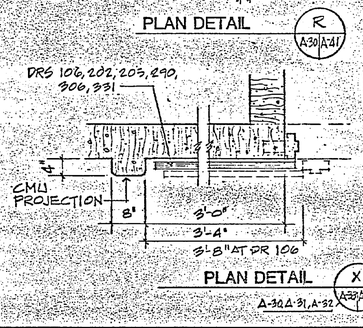


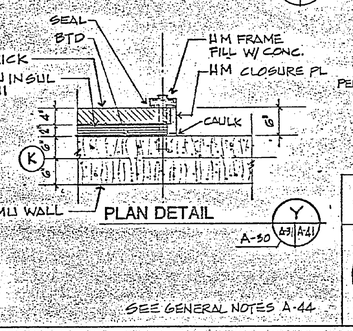










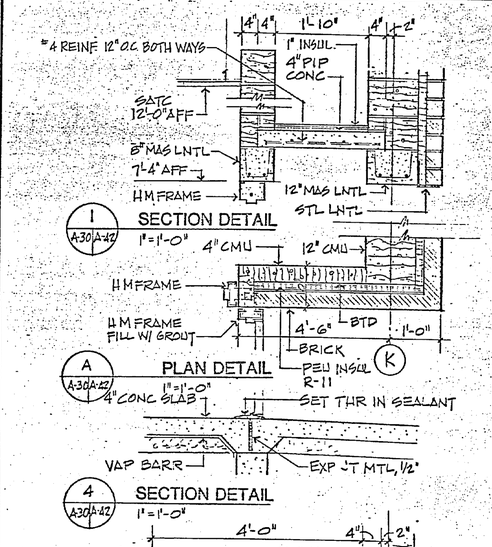


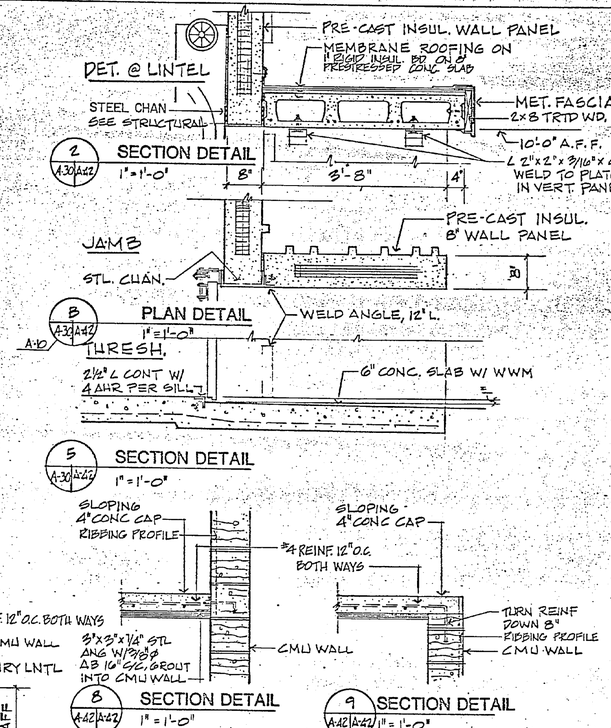
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

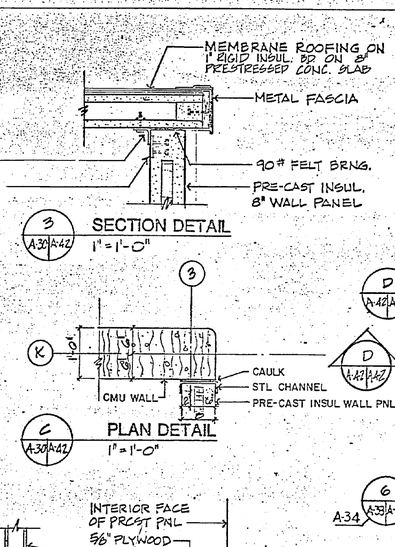
SEE GENERAL NOTES A-44

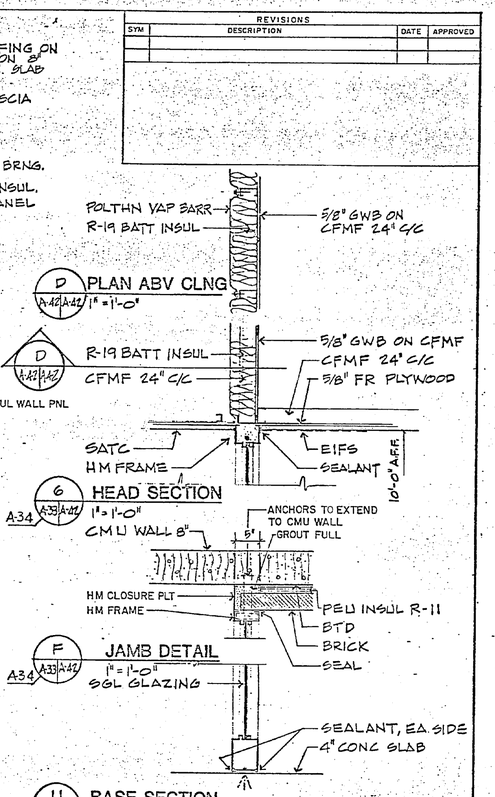
A-41

BALLARD, McKIM & SAWYER-Architect POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA		
EFD DWG NO. 226843	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA		
JOB ORDER NO.	DEPENDENT HIGH SCHOOL		
STA. PROJ. NO.	MISCELLANEOUS DETAILS		
DES. EDMcK DRAWN MSY			
PROJ. MGR. EDMcK CH. ARCH/ENGR.			
EFD. RVR'R FP			
BR. MGR. DES. DIR.			
APPROVED DATE	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 426843
ACTIVITY - SATISFACTORY TO APPROVED DATE			CONSTR. CONTR. NO. N 62470-87-B-7107
FOR BID FOR COMMENCEMENT NAVFAC	SCALE AS NOTED	SPEC. 05-87-7107	SHEET 83 OF 200









GRAPHIC SCALE: 0 6 12 24 36
SCALE: 11/2":1'-0"

GRAPHIC SCALE: 0 6 12 24 36
SCALE: 1" = 1'-0"

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

DRAWN			
CHECKED			
DESIGNED			
TRACED			
QUANTITIES			
SPECS			
CHECKED			
A-42			
DWG NO			
A-42			

A-42

BALLARD, McKIM & SAWYER - Architects
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL

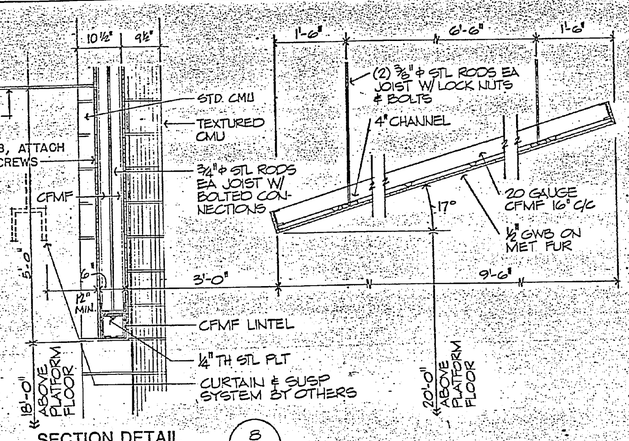
MISCELLANEOUS DETAILS

EFD DWG NO	225944
JOB ORDER NO	SF3412
STA. PROJ. NO.	
DES. BMcK	DRAWN MBY
PROJ. MGR. BMcK	CH. ARCH/ENGR.
EFD. RVO	F.R.
BR. MGR. RAE	DES. DIR.
APPROVED	DATE
ACTIVITY - SATISFACTORY TO	
APPROVED	DATE
FOR EFD	FOR CONVENIENCE NOTES

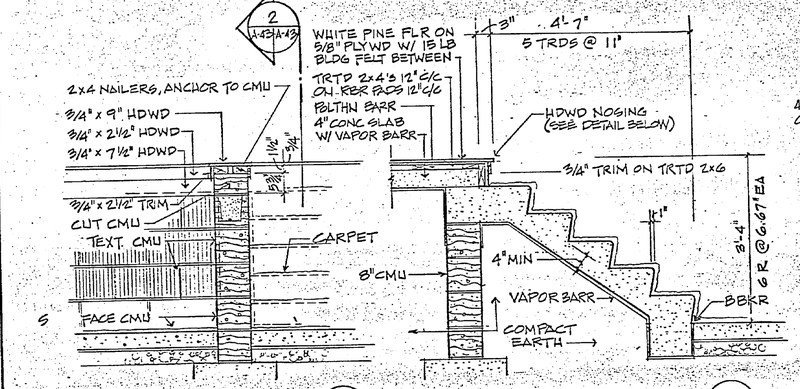
SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 4126944
CONSTR. CONTR. NO N 62470-87-B-7107
SCALE: WOODS | SPEC. 05-87-7107 | SHEET 84 OF 200

MARGARET P. MCMAHON REGISTERED LANDSCAPE ARCHITECT 827 WILMINGTON, N.C.

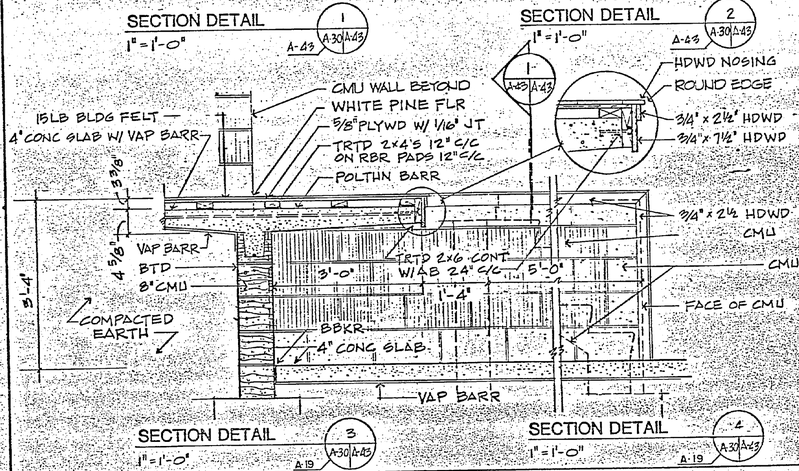
SEE GENERAL NOTES A-44

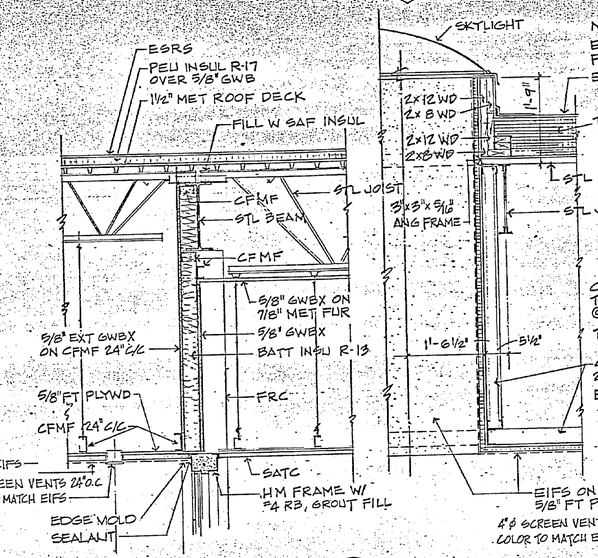


SECTION DETAIL 8 A-19 A-5/A-43

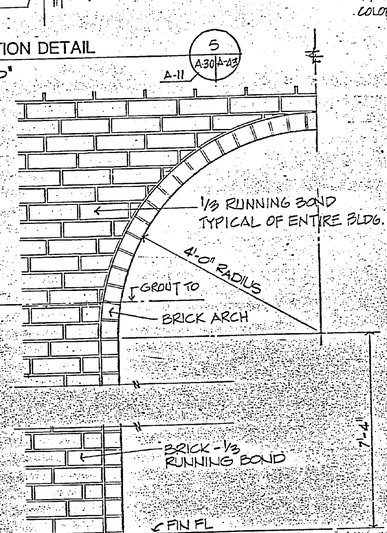


SECTION DETAIL 1 A-43 A-30/A-43
1" = 1'-0"

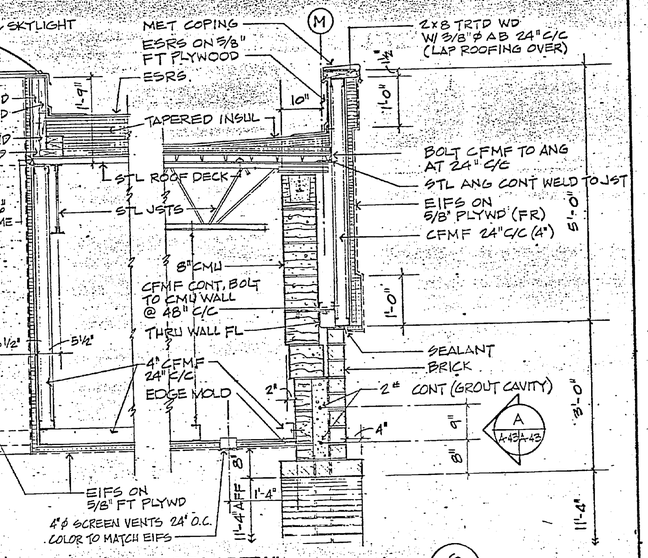




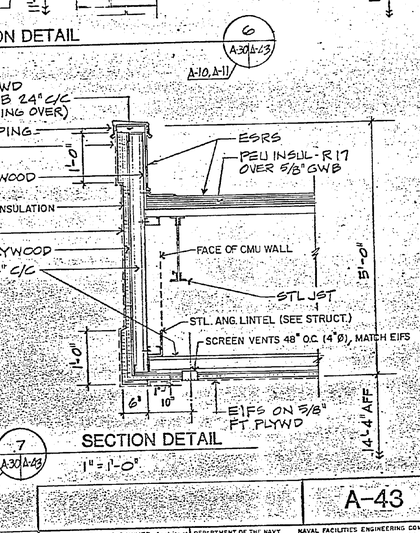
SECTION DETAIL 5 A-11 A-30/A-43
1" = 1'-0"



ELEVATION DETAIL A A-43/A-43
1" = 1'-0"



SECTION DETAIL 6 A-30/A-43 A-10, A-11
1" = 1'-0"



SECTION DETAIL 7 A-30/A-43 A-11, A-46 A-33, 37
1" = 1'-0"

0 6 12 24 36
SCALE: 1" = 1'-0"
GRAPHIC SCALE:

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

A-43

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

EFD DWG NO. 226845
JOB ORDER NO. 5F3412
STA. PROJ NO.
DES. RDM/JK DRAWN MSY
PROJ MGR RDM/KEH ARCH/ENGR.
EFD, RVD [illegible] F.P.
BR. MGR. [illegible] DES. DIR. [illegible]
APPROVED DATE

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
MISCELLANEOUS DETAILS

ACTIVITY - SATISFACTORY TO
APPROVED [illegible] DATE [illegible]
FOR EFD FOR COMMANDER NAVFAC

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126845
CONSTR. CONTR. NO. N 62470-87-B-7107
SCALE: NOTED | SPEC. 05-87-7107 | SHEET 85 OF 200

HERBERT F. MCKIM REGISTERED No. 827 NORTH CAROLINA WILMINGTON, N.C.

N N
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WEST WEST
A-43
DRAWN MSY
A-43

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

GENERAL NOTES

1. ALL INTERIOR GWB AND METAL STUD WALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FACTORY MUTUAL DESIGN FM WP-45. ALL RETURN AIR OPENINGS INDICATED ON THE MECHANICAL PLANS WHICH ARE LOCATED IN WALLS REQUIRED TO BE 1 HOUR RATED SHALL HAVE FIRE DAMPERS AS INDICATED ON THE MECHANICAL PLANS. RETURN AIR OPENINGS IN WALLS WHICH ARE NOT REQUIRED TO BE 1 HOUR RATED SHALL HAVE OPENINGS WITHOUT DAMPERS CONSTRUCTED ON THE MECHANICAL DRAWINGS.
2. ALL 2 HOUR INTERIOR GWB AND MET. WALLS TO MEET UL DESIGNATION U425.
3. ALL 8" 2 HR MASONRY WALLS TO MEET UL DESIGNATION U905.
4. 5/8" GWBX SHALL HAVE CASING BEAD WHERE ABUTTING CMU IN ALL CASES.
5. ALL COL. IN MAS. WALLS TO BE FRC - OTHERS TO BE AS DET. "A", "B" THIS SH.

A-44

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

HERBERT P. McKIM REGISTERED ARCHITECT 827 NORTH CAROLINA WILMINGTON, N.C.

EFD DWG NO. 226846
JOB ORDER NO. 5F3412
STA. PROJ. NO.
DES. HPMcK DRAWN HSY
PROJ. MGR. HPMcK CH. ARCH/ENGR.
EFD: RVD F.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL
MISCELLANEOUS DETAILS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4126846
		CONSTR. CONTR. NO. N 62470-87-B-7107
SCALE: NOTED	SPEC. 05-87-7107	SHEET 86 OF 200

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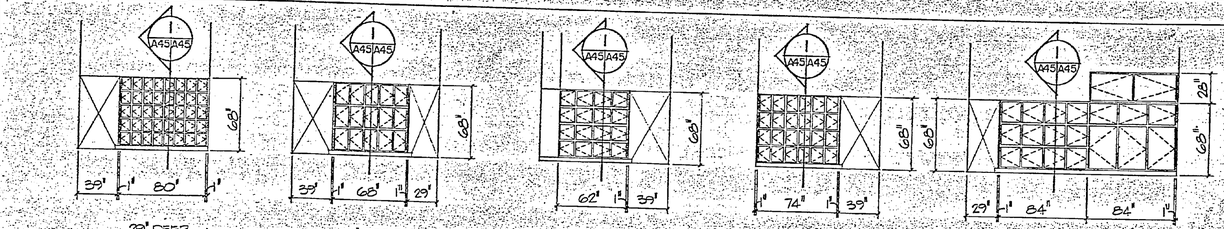
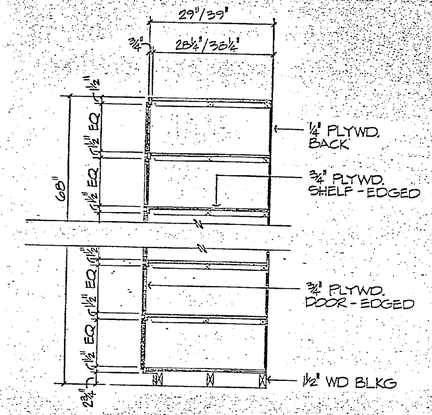
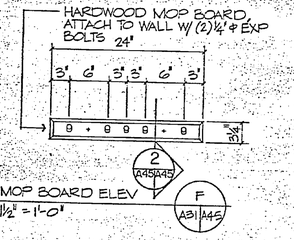
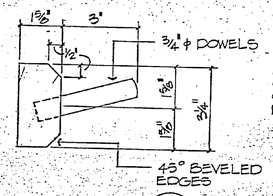
AUDIT CHECKED
A-44
DWG. NO.
A-44

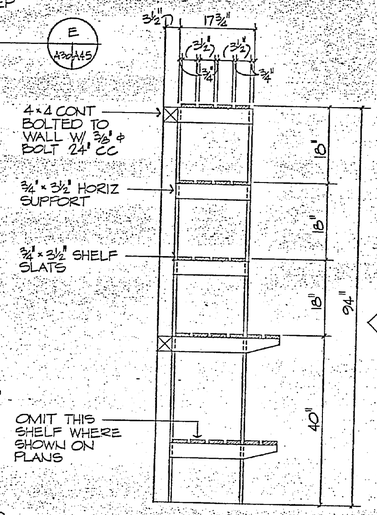
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

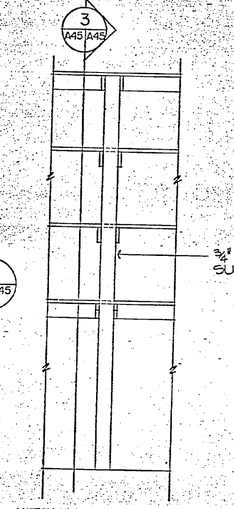


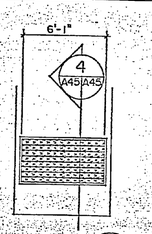


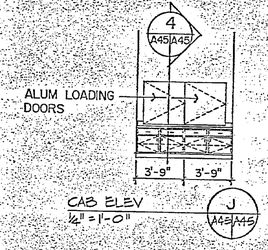


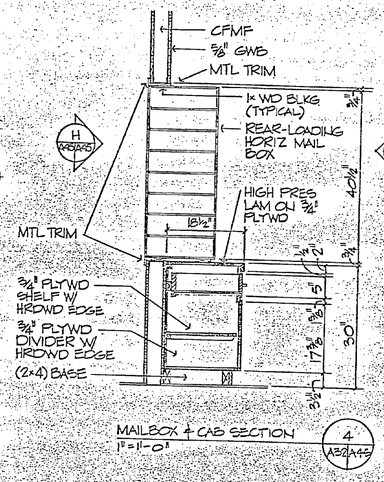


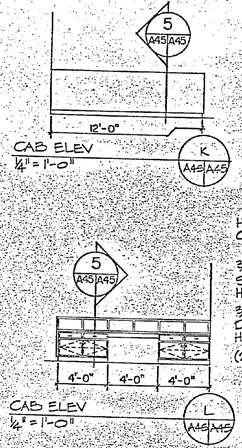


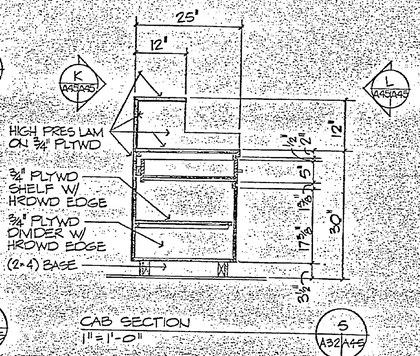












GRAPHIC SCALES:

0 5 10 15
SCALE: 1/4" = 1'-0"

0 6 12 24
SCALE: 1 1/2" = 1'-0"

0 6 12 24 36
SCALE: 1" = 1'-0"

1	1	AUDIT			
		CHECKED			
A-45					
DWG. NO.					

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

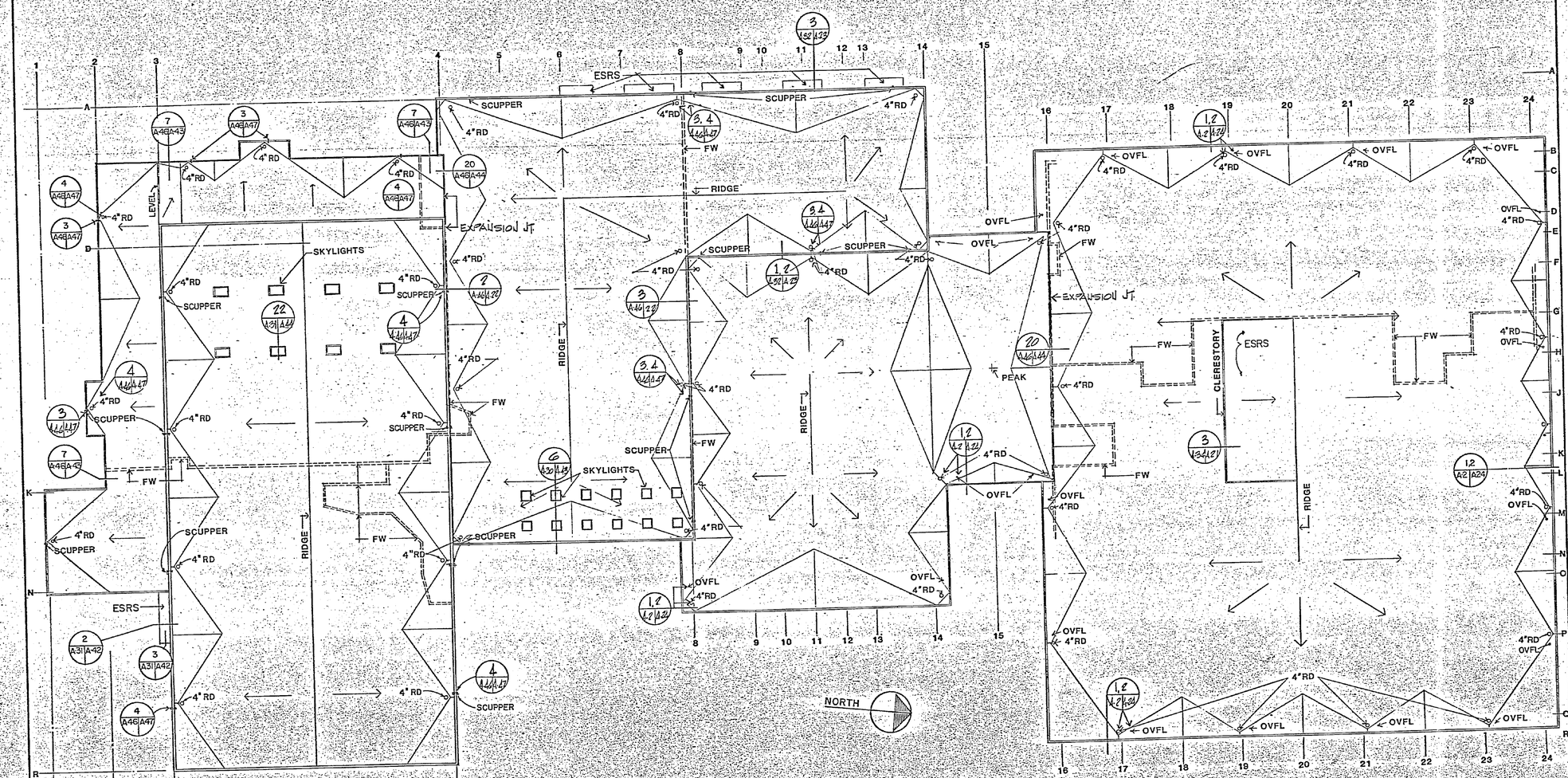
EFD DWG NO 225847
JOB ORDER NO. 5F3412
STA. PROJ. NO.
DES. [illegible] DRAWN WZB
PROJ. MGR [illegible] CH. ARCH. ENGR
EFD RWO FP
BR MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED (1) DATE
FOR EFD FOR COMMANDER NAVFAC

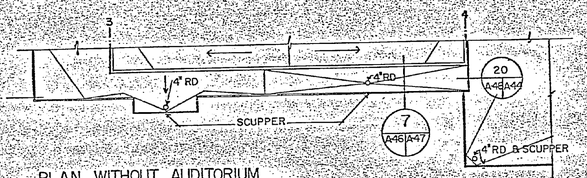
HERBERT R. McKIM REGISTERED ARCHITECT 827 WILMINGTON, N. C.

A-45

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
MISCELLANEOUS DETAILS

SIZE F | CODE IDENT. NO. 80091 | NAVFAC DRAWING NO. 4126847
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED | SPEC. 05-87-7107 | SHEET 57 OF 200





PLAN WITHOUT AUDITORIUM

NOTES:

1. SEE SHEET M-20 FOR ROOF MTD. MECH. EQUIP.
2. ALL ROOF DRAINS 4", ALL ROOF DRAIN LEADERS 4" (EXCEPT AS SHOWN ON SH. P-14)

GRAPHIC SCALE:
0' 8' 16' 32'
SCALE: 1/16"=1'-0"

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

A-46

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

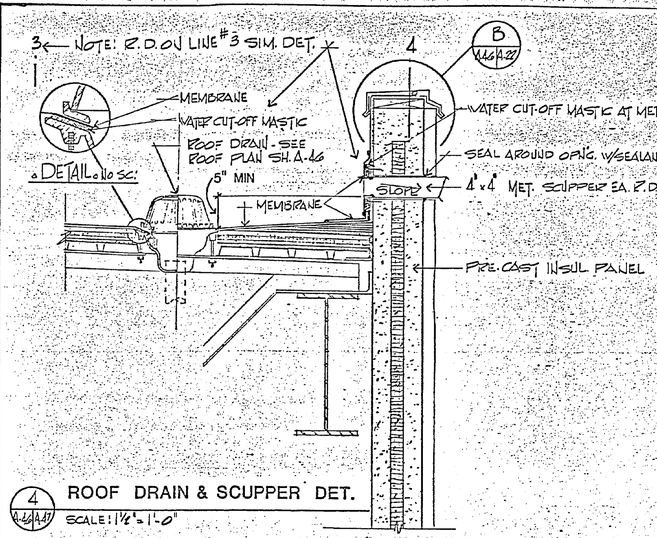
EFD DWG NO 226848
JOB ORDER NO SF 3412
STA. PROJ. NO.
DES. BRANCH DRAWN BHN
PROJ. MGR. CH. ARCH. ENGR
EFD. RVD. F.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

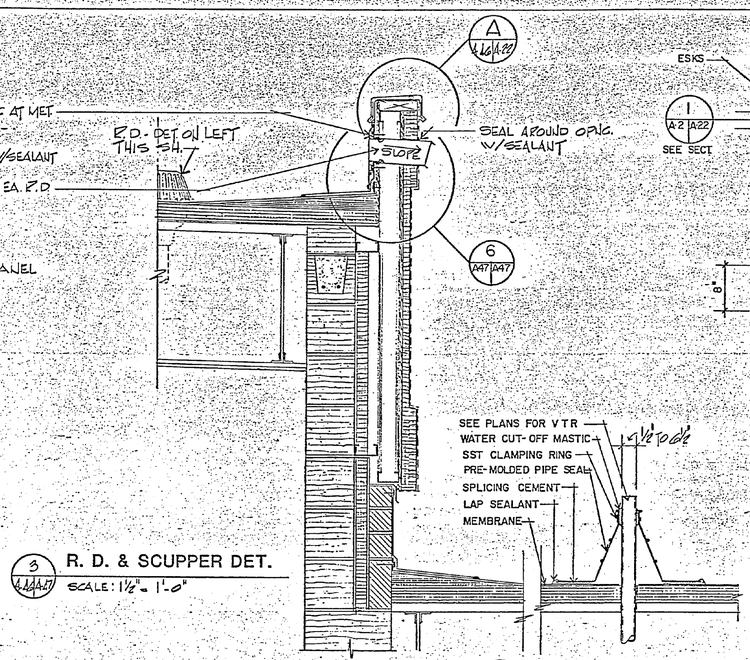
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
ROOF PLAN

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126848
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED | SPEC. 05-87-7107 | SHEET 88 OF 200

AUDIT T T
OVERLAY P P

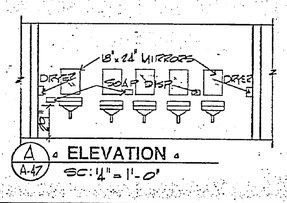


4 A-4.4/A47 ROOF DRAIN & SCUPPER DET.
SCALE: 1½"=1'-0"

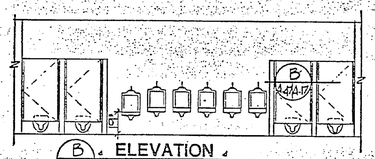


3 A-4.4/A47 R. D. & SCUPPER DET.
SCALE: 1½"=1'-0"

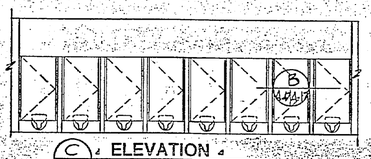
2 A47 VENT THRU ROOF DET.
SC: 1 1/2" = 1'-0"
P7 TO P12



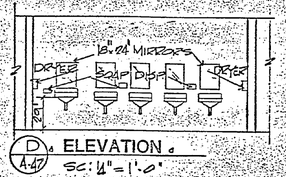
A A-47 ELEVATION
SC: ¼"=1'-0"



B A-47 ELEVATION
SC: ¼"=1'-0"

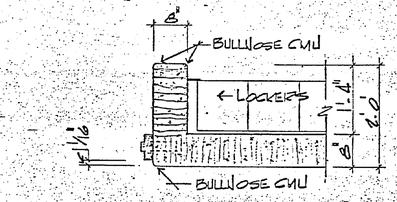


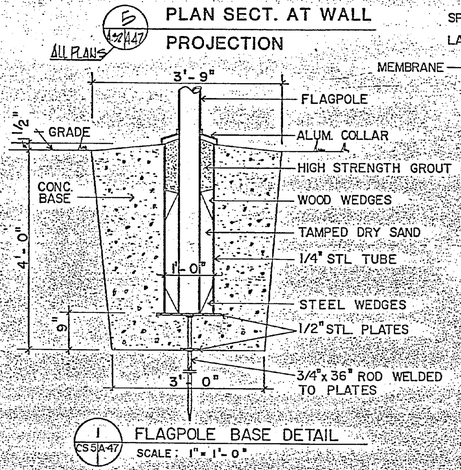
C A-47 ELEVATION
SC: ¼"=1'-0"



D A-47 ELEVATION
SC: ¼"=1'-0"

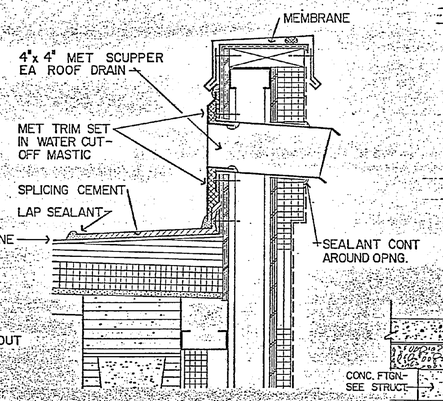
A-D A4.4/A47 TOILET BLDG. INT. ELEVATIONS
SCALE: ¼"=1'-0"



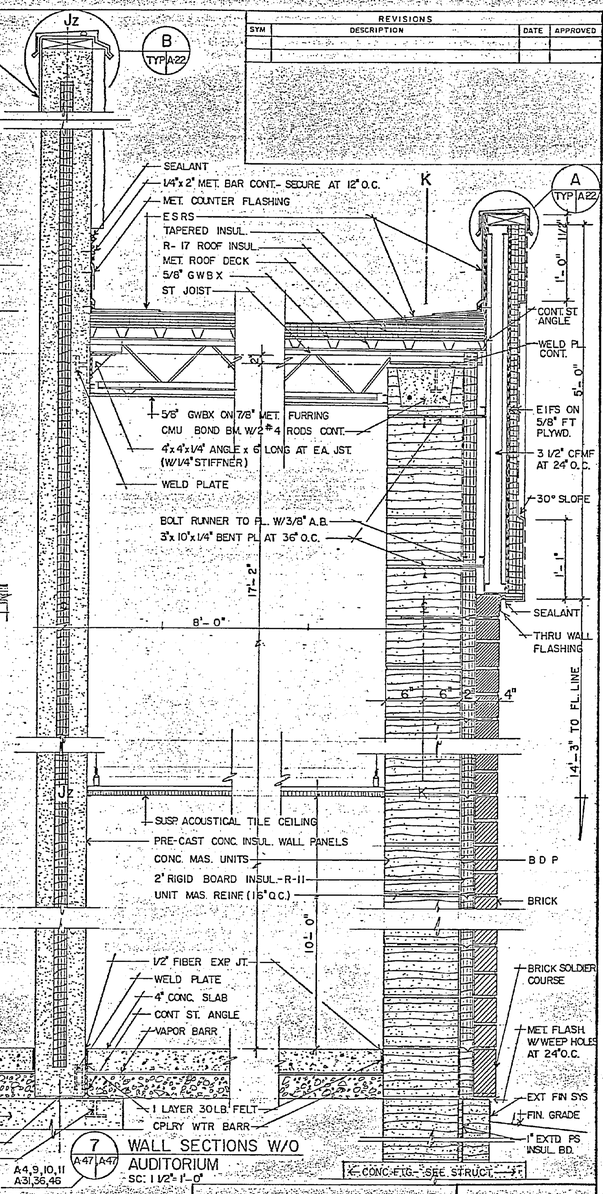


E A4.4/A47 PLAN SECT. AT WALL PROJECTION

1 CS5/A-47 FLAGPOLE BASE DETAIL
SCALE: 1"=1'-0"



6 A47/A47 SCUPPER DETAIL
SC: 3"=1'-0"



7 A47/A47 WALL SECTIONS W/O AUDITORIUM
SC: 1 1/2" = 1'-0"

GRAPHIC SCALES:
A4.9,10,11
A31,36,46
0 5 10 1/4"=1'-0"
0 6 12 24 36 1/8"=1'-0"
0 6 12 24 1½"=1'-0"
0 6 12 3"=1'-0"

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

A-47

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO	226849
JOB ORDER NO	57341E
STA. PROJ. NO.	
DES. BRANCH	DRAWN ENR
PROJ. MGR.	CH. ARCH./ENGR
EFD. RVWR.	F.P.
BR. MGR.	DES. DIR.
APPROVED	DATE

ACTIVITY - SATISFACTORY TO
APPROVED 01 DATE 23 MAR 88
FOR EFD, FOR COMMANDER NAVFAC

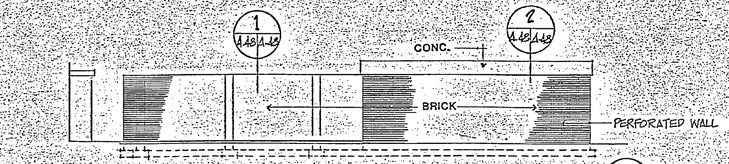
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
ROOFING & MISC. DETAILS

SIZE	CODE IDENT NO	NAVFAC DRAWING NO.
F	80091	4126849

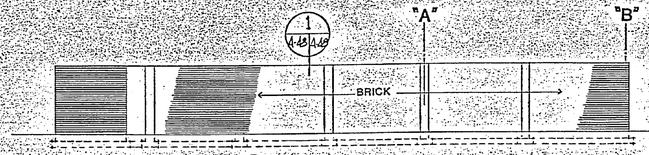
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED SPEC. 05-87-7107 SHEET 89 OF 200

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

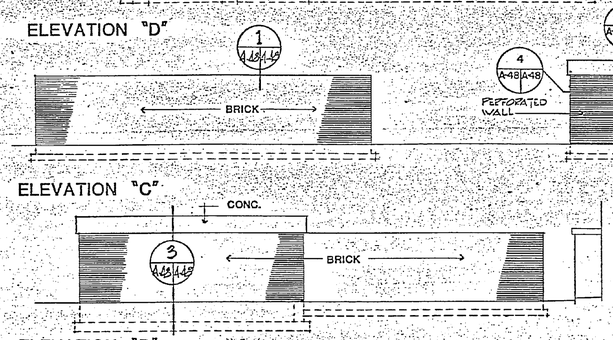
ELEVATION "D"

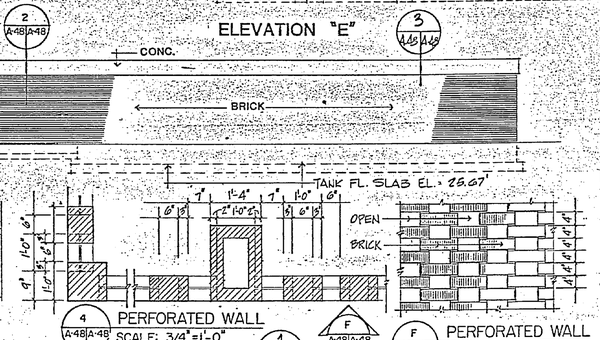


ELEVATION "E"

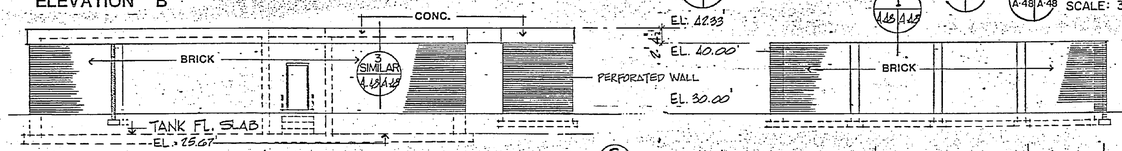


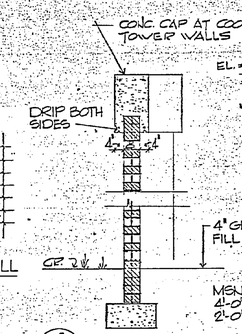
ELEVATION "C"

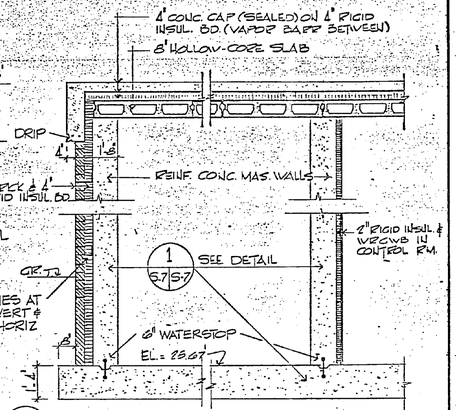




ELEVATION "B"







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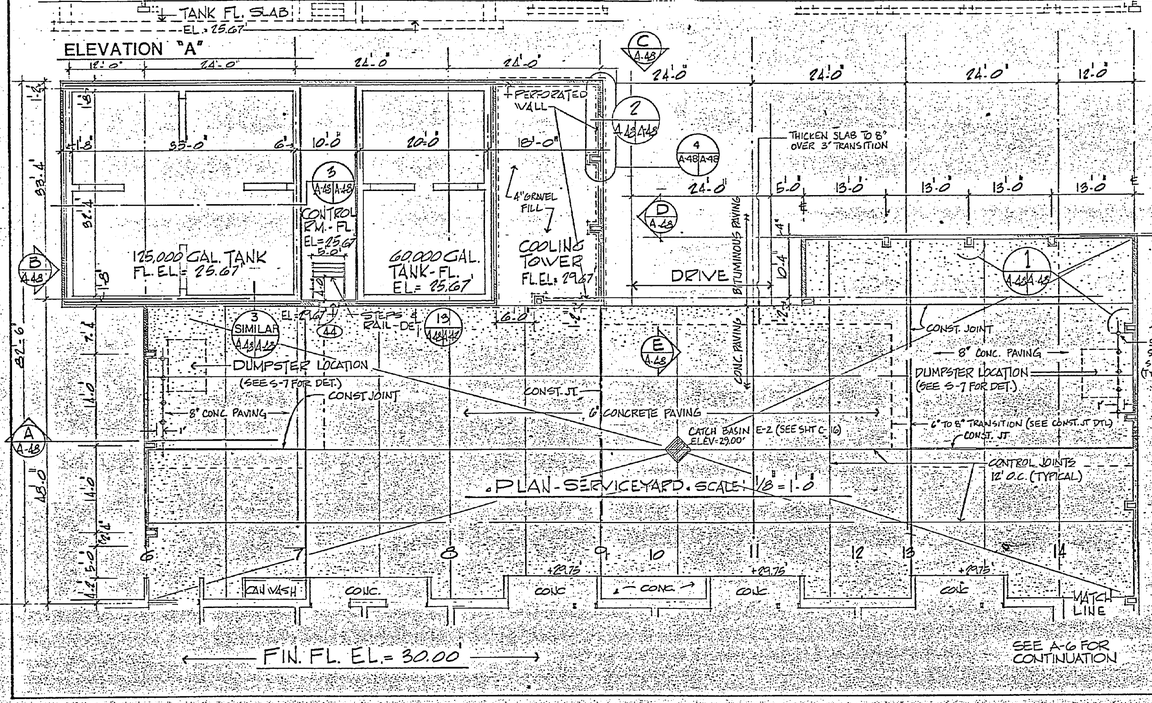
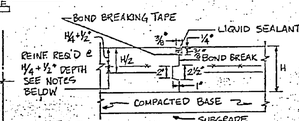
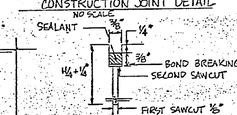
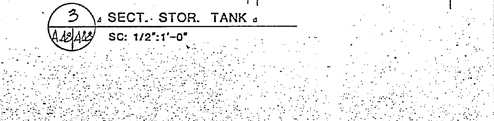


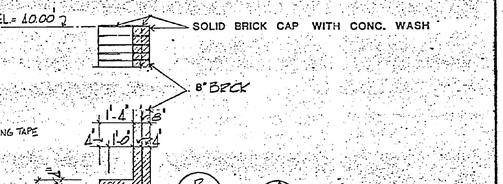


CONSTRUCTION JOINT DETAIL
NO SCALE

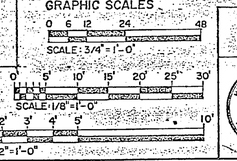


CONTROL JOINT DETAIL
NO SCALE





GRAPHIC SCALES



I	I
T	T
AUDIT	CHECKED

A-48
DWG. NO.

A-48

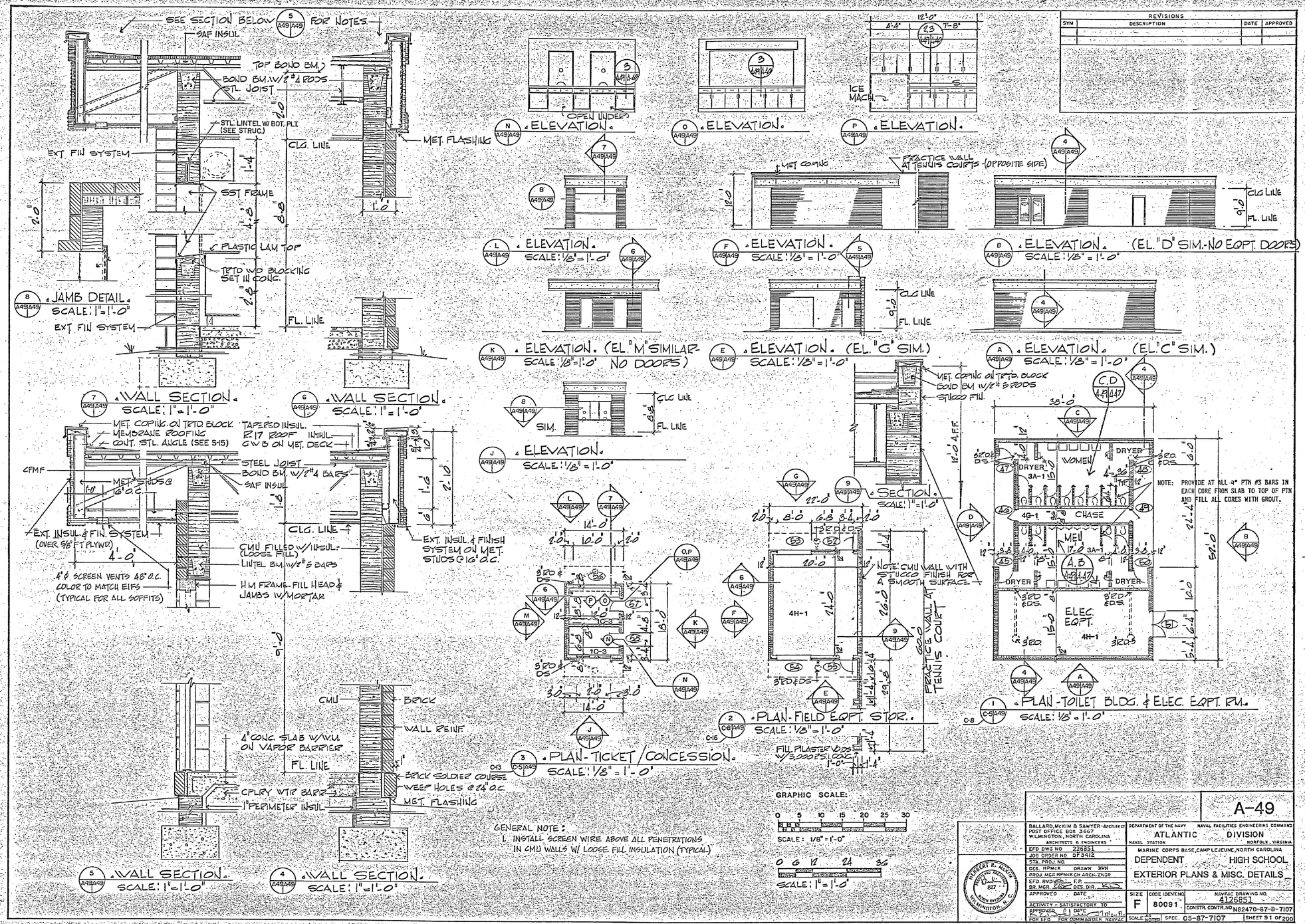
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

EFD DWG NO.	226850
JOB ORDER NO.	5F3412
STA. PROJ. NO.	
DES. SUPVR.	DRAWN BKN
PROJ. MGR.	CH. ARCH./ENGR.
EFD PVNG. ENGR.	F.P.
BR. MGR.	DES. DIR.
APPROVED	DATE
ACTIVITY - SATISFACTORY TO	
APPROVED	DATE
FOR CO	FOR COMMANDER NAVFAC

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
EXTERIOR PLANS
SERVICE YARD EXTERIOR DETAILS

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.	
F	80091	4126850	
SCALE: AS NOTED	SPEC. 05-87-7107	CONSTR. CONTR. NO. N62470-87-B-7107	SHEET 90 OF 200



GENERAL NOTE:
1. INSTALL SCREEN WIRE ABOVE ALL PENETRATIONS IN CMU WALLS W/ LOOSE FILL INSULATION (TYPICAL)

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

A-49

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

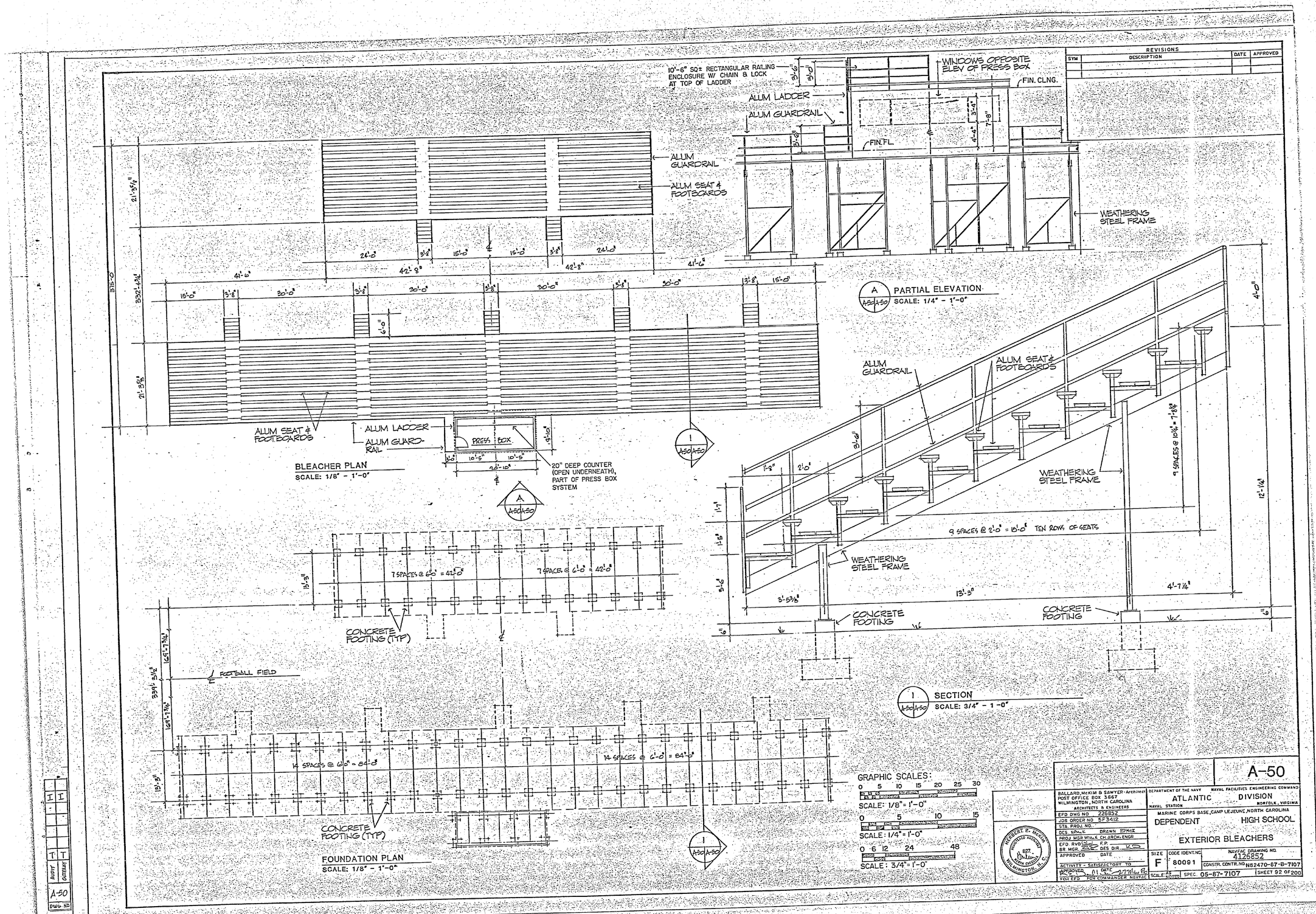
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
EXTERIOR PLANS & MISC. DETAILS

EFD DWG NO 226851
JOB ORDER NO 5F3412
STA. PROJ. NO.
DES. HPMcK DRAWN BNH
PROJ. MGR HPMcK CH. ARCH. ENGR
EFD. RVD. F.P.
BR. MGR. DES. DIR. KD
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

SIZE F | CODE IDENT. NO. 80091 | NAVFAC DRAWING NO. 4126851
CONSTR. CONTR. NO. N82470-87-B-7107
SCALE AS NOTED | SPEC. 05-87-7107 | SHEET 91 OF 200

HERBERT P. McKIM REGISTERED ARCHITECT 827 NORTH CAROLINA WILMINGTON, N.C.

A-49
JWG NO



REVISIONS
SYM
DESCRIPTION
DATE
APPROVED
10'-6" SQ± RECTANGULAR RAILING ENCLOSURE W/ CHAIN & LOCK AT TOP OF LADDER
WINDOWS OPPOSITE ELEV OF PRESS BOX
FIN. CLNG.
ALUM LADDER
ALUM GUARDRAIL
FIN. FL.
WEATHERING STEEL FRAME
A PARTIAL ELEVATION
SCALE: 1/4" = 1'-0"
ALUM GUARDRAIL
ALUM SEAT & FOOTBOARDS
ALUM SEAT & FOOTBOARDS
ALUM LADDER
ALUM GUARD-RAIL
PRESS BOX
20" DEEP COUNTER (OPEN UNDERNEATH), PART OF PRESS BOX SYSTEM
BLEACHER PLAN
SCALE: 1/8" = 1'-0"
ALUM GUARDRAIL
ALUM SEAT & FOOTBOARDS
WEATHERING STEEL FRAME
9 SPACES @ 2'-0" = 18'-0" TEN ROWS OF SEATS
WEATHERING STEEL FRAME
CONCRETE FOOTING
CONCRETE FOOTING
1 SECTION
SCALE: 3/4" = 1'-0"
7 SPACES @ 6'-0" = 42'-0"
7 SPACES @ 6'-0" = 42'-0"
CONCRETE FOOTING (TYP)
FOOTBALL FIELD
14 SPACES @ 6'-0" = 84'-0"
14 SPACES @ 6'-0" = 84'-0"
CONCRETE FOOTING (TYP)
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"
GRAPHIC SCALES:
SCALE: 1/8" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 3/4" = 1'-0"
A-50
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS
EFD DWG NO 226852
JOB ORDER NO 5F3412
STA. PROJ. NO.
DES. SPACE DRAWN
PROJ MGR WALK CH. ARCH. ENGR
EFD. RVD F.P.
BR MGR. DES DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
EXTERIOR BLEACHERS
SIZE F
CODE IDENT. NO. 80091
NAVFAC DRAWING NO. 4126852
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED
SPEC. 05-87-7107
SHEET 92 OF 200
HERBERT P. McKIM
REGISTERED ARCHITECT
827
NORTH CAROLINA
WILMINGTON, N.C.
A-50
DWG. NO.

SYM	DESCRIPTION	DATE	APPROVED

A-51

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO 226853
JOB ORDER NO 5F3412
STA. PROJ. NO.
DES. H.P. McK DRAWN WEB
PROJ. MGR H.P. McK CH. ARCH. ENGR
EFD. RVD F.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

HERBERT P. McKIM REGISTERED ARCHITECT 827 NORTH CAROLINA WILMINGTON, N.C.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

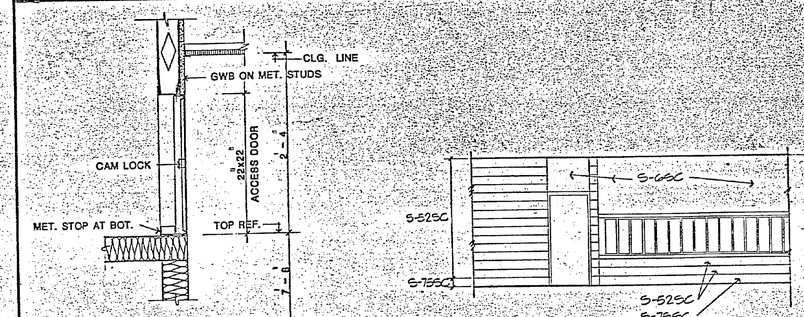
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL

MISCELLANEOUS DETAILS

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO. 4126853
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED | SPEC. 05-87-7107 | SHEET 93 OF 200

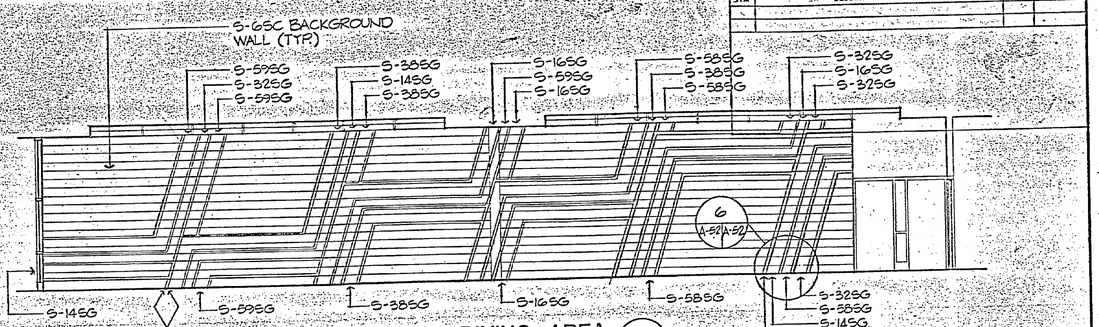
AUDIT | OVERLAY
A-51
DWG. NO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

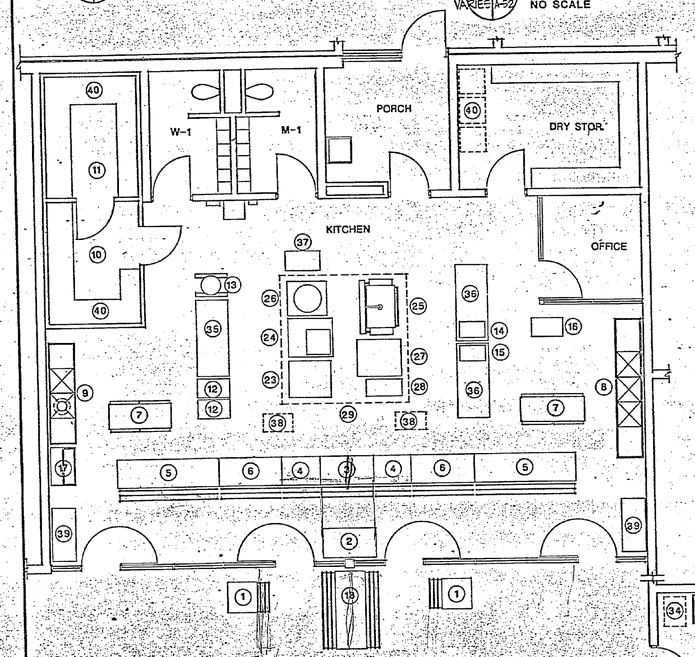


8 A52|A52 SECT. - ACCESS DOOR
SC: 11/2"= 1'-0"

1 VARIES|A-52 TYPICAL CORRIDOR NO SCALE



ELEVATION AT DINING AREA 2 A-31|A-52 NO SCALE



7 A31|A52 PLAN KITCHEN & DISHWASH
SCALE: 1/4" = 1'-0"

GOVERNMENT FURNISHED EQUIPMENT FOR KITCHEN, SERVING LINE & DISHWASH
NOTE: EQUIPMENT FURNISHED BY GOVERNMENT AND INSTALLED BY GOVERNMENT

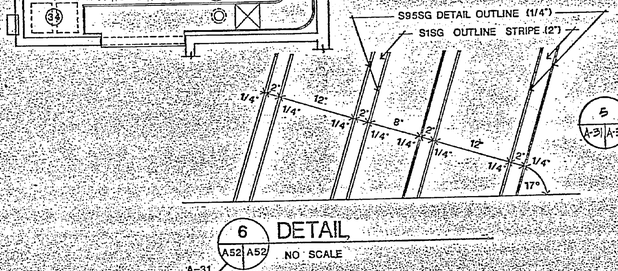
NO.	ITEM	GOVERNMENT # OR MANUFACTURER/MODEL #, REMARKS
1	CASHIERS STAND	COLORPOINT 28-CSS, PORTABLE
2	MILK DISPENSER	COLORPOINT CPM7, PORTABLE
3	ICE CREAM DISPENSER	COLORPOINT CP1-5, PORTABLE
4	SOLID TOP TABLE	COLORPOINT 36-ST, W/SHELVES & SNEEZE GUARD
5	HOT FOOD TABLE.	COLORPOINT 5EECPA, 6 WELL & HEAT LAMPS
6	SOLID TOP TABLE	COLORPOINT 60-ST, W/DIS. SHELVES & SNEEZE GUARD
12	PROOF/WARMING CAB.	CRES-COR 121PWMP1817
14	FOOD CUTTER	7320-01-105-0095, HOBART 84145
15	FOOD SLICER	7320-01-105-0096 HOBART 1612
16	VEG. CUTTER/SLICER	#7320-01-104-5202, DITTO-DEAN, MOD. TR-21 W/ATTACH.
18	COLD FOOD TABLE	COLORPRINT 74CF1 PORT ICE COOLED W/TRAYS, SNEEZE GD.
19	SOUP SERVER	#7330-00-205-0617, HEATED, 8 QT, FRONTIER KETTLE
20	PERCULATOR	#7330-00-205-0617 36 CUP
21	CAN OPENER	#7340-00-255-0702, EDLUND
22	(OMITTED)	
34	UTILITY CARTS	MONTGOMERY-GREEN, STAINLESS STEEL
35	BAKERS TABLE	MONTGOMERY-GREEN, STAINLESS STEEL
36	WORK TABLE	#7320-00-269-9231, STAINLESS STEEL
37	BAKERS SCALE	POULDZE
38	POT & PAN RACKS	#7330-00-234-7384, CEILING TYPE
39	TRAY & SILVER	MONTGOMERY-GREEN, PORTABLE
40	SHELVING	METRO, (MOBILE) FOR WALK-IN REF & FREEZER & DRY STOR.

KITCHEN EQUIPMENT FURNISHED BY CONTRACTOR - INSTALLED BY CONTRACTOR

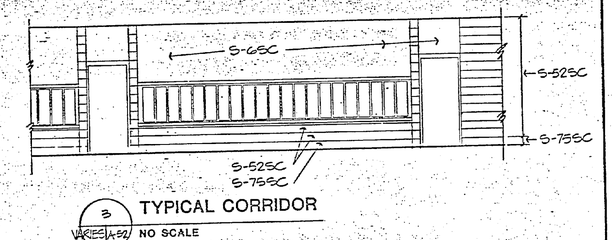
8	3 COMP. POT SINK W/BOOSTER HEATER	
9	2 COMP. VEG SINK W/DISPOSAL	
29	HOOD, 10'0" X 10'0"	
41	BOOSTER HEATER	HATCO 45 KW

KITCHEN EQUIPMENT FURNISHED BY GOVERNMENT AND INSTALLED BY CONTRACTOR.

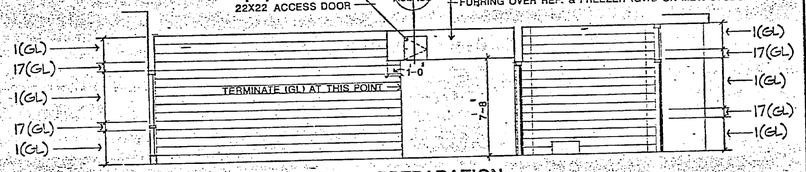
7	PASS-THRU REFRIG.	McCALL 3095-P TWO SECT. 1/2 DOORS
10	WALK-IN REFRIG.	KOLPACK 8'0" x 10'0" x 7'8"
11	WALK-IN FREEZER	KOLPACK 8'0" x 10'0" x 7'8"
13	MIXER	7320-01-105-0096, HOBART MOD. H-600, W/ATTACHMENTS
23	RANGE	SOUTH BEND NO. 1362 (GAS)
24	STEAM COOKER	CLEVELAND RANGE CO. MOD. 2DG-2H (G-CGM-100)
25	TILTING SKILLET	CLEVELAND RANGE CO., MOD. SEL-30 W/STD
26	TILTING KETTLE	CLEVELAND RANGE CO., MOD. TTGE-2H KET-5-T W/STD
27	CONVECTION OVEN	#7310-01-083-8146, BLODGETT DFG-102 DBL STACK
28	FRYER	FRYMASTER, MOD. FM 45SBLMCSC
30	FOOD DISPOSER	HOBART FD 150-D-2
31	DISHWASHER	HOBART CPW80
32	SOILED DISHTABLE	HOBART, S/STEEL FABRICATION
33	CLEAN DISHTABLE	HOBART, S/STEEL FABRICATION
17	ICE MACHINE	SUNBEAM 600LB FLAKER, 48" CAB



6 A52|A52 DETAIL NO SCALE



3 VARIES|A-52 TYPICAL CORRIDOR NO SCALE



4 A-31|A-52 ELEVATION AT FOOD PREPARATION NO SCALE

5 A-31|A-52 VIEW FROM COMMONS NO SCALE

A-31

A-52

BALLARD, McKIM & SAWYER-Architects POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
EFD DWG NO 226854 JOB ORDER NO. 5F3412 CTA PROJ. NO. DES. HPMcK DRAWN MST WFS PROJ MGR HPMcK ARCH/ENGR EFD RWD Admin F.P. BR. MGR. DES. DIR. APPROVED DATE ACTIVITY - SATISFACTORY TO APPROVED 01 DATE 27 MAY 87 FOR EFD FOR COMMANDER NAVFAC	DEPENDENT HIGH SCHOOL INTERIOR ELEVATIONS & KITCHEN / DISHWASH PLAN & EQUIP. SCH.
SIZE F	CODE IDENT NO 80091
SCALE AS NOTED	NAVFAC DRAWING NO 4126854
CONSTR. CONTR. NO. N62470-87-B-7107	
SPEC. 05-87-7107	SHEET 94 OF 200

GENERAL NOTES

DESIGN CRITERIA

A. MAXIMUM ALLOWABLE LIVE LOADS
1. ROOF ________ 20 PSF
2. MEZZANINE (MECHANICAL) ________ 125 PSF
3. STAIRS ________ 100 PSF

B. WIND LOAD PER NAVFAC DM-2.2, AND 115 MPH.

C. SEISMIC LOADS PER NAVFAC P-355, AND IMPORTANCE FACTOR (I-COEFFICIENT) OF 1.00

D. ALLOWABLE SOIL BEARING PRESSURE IS 2500 PSF

MATERIALS AND EXECUTION

A. CONCRETE
1. ALL CONCRETE SHALL BE NORMAL WEIGHT WITH THE FOLLOWING 28 DAY COMPRESSIVE STRENGTHS:
PRECAST-PRESTRESSED CONCRETE ____ 5000 P.S.I. FOUNDATIONS ____ 3000 P.S.I.
ALL OTHER CONCRETE ____ 3000 PSI. SLAB-ON-GRADES ____ 3000 P.S.I.
2. CONCRETE SLUMP SHALL BE 2" TO 4".
3. CONCRETE USED FOR FILLING CELLS OF MASONRY WALLS, BOND BEAMS, OR U-BLOCK LINTELS SHALL BE PEA-GRAVEL GROUT WITH A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. MAXIMUM AGGREGATE SIZE SHALL BE 3/8" ϕ. PROVIDE 9" SLUMP TO INSURE PROPER FILLING OF CELLS.
4. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS.

B. REINFORCING STEEL
1. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615, GRADE 60.
2. BARS MARKED CONTINUOUS ON PLAN SHALL BE LAPPED 30 BAR DIAMETERS UNLESS OTHERWISE NOTED.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
4. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS.

C. STRUCTURAL STEEL
1. ALL STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH AISC, LATEST EDITION, AND SHALL CONFORM TO THE FOLLOWING:
ALL STRUCTURAL STEEL SHAPES
PLATES AND BARS ________ ASTM A-36
COLD FORMED STEEL TUBING ________ ASTM A-500, GRADE B
2. BOLTS SHALL BE A-325, HIGH STRENGTH, 3/4" ϕ, WITH HARDENED WASHER UNDER TURNING END. CONNECTIONS SHALL BE "FRICTION" TYPE.
3. ANCHOR BOLTS SHALL CONFORM TO ASTM A-36 THREADED RODS. NUTS SHALL BE HEAVY HEX.
4. WELDING SHALL BE PERFORMED WITH E-70XX ELECTRODES BY CERTIFIED PERSONNEL.
5. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS.

D. OPEN-WEB STEEL JOIST
1. FABRICATION, WORKMANSHIP, AND ERECTION SHALL CONFORM TO STEEL JOIST INSTITUTE'S "STANDARD SPECIFICATIONS" FOR OPEN-WEB JOISTS.
2. PROVIDE BOLTED CONNECTIONS AT ALL COLUMN CENTERLINES. ALL OTHER JOISTS SHALL BE FIELD WELDED TO SUPPORTING STEEL PER SJI SPECIFICATIONS.
3. SEE FRAMING PLAN NOTES FOR BRIDGING REQUIREMENTS.
4. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS.

E. METAL DECK
1. SEE FRAMING PLAN NOTES FOR DECK TYPES.
2. STEEL DECKING SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH STEEL DECK INSTITUTE'S SPECIFICATIONS.
3. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS.

F. STRUCTURAL MASONRY
1. COMPRESSIVE STRENGTH OF STRUCTURAL MASONRY SHALL CONFORM TO THE FOLLOWING:
CLAY UNITS ________ 3000 PSI
ASSUMED COMPRESSIVE STRENGTH OF MASONRY, f'm = 1350 P.S.I.
2. COMPRESSIVE STRENGTH OF MORTAR SHALL BE 1800 PSI AT 28 DAYS, TYPE S.

G. PRECAST CONCRETE
1. PRECAST-PRESTRESSED CONCRETE WALL PANELS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH ACI AND PCI.
2. PRECAST HOLLOW-CORE SLAB UNITS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH ACI AND PCI.
3. PRECAST SLABS SHALL BE MANUFACTURED WITH STRUCTURAL LIGHTWEIGHT CONCRETE (42 PSF FOR 8" SLAB).
4. FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.

MISCELLANEOUS

A. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BRACE THE STEEL FRAMING UNTIL ALL METAL DECK AND MASONRY WALLS HAVE BEEN ERECTED (AND REACHED THEIR 28 DAY STRENGTH) AND PROPERLY TIED TO THE STEEL FRAMING AS DETAILED AND SPECIFIED.

B. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH OTHER CONTRACT DRAWINGS, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THE WORK OF ALL TRADES IS COORDINATED WITH THE STRUCTURAL WORK.

C. COLUMNS IN GWB PARTITIONS ARE GWB FIREPROOFED. ALL OTHER COLUMNS UP TO 25'-0" AFF ARE FRC (FIRE RESISTANT COLUMNS).

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

BORING LOG

BORING NO. 1

DESCRIPTION
VERY LOOSE TAN VERY SLIGHTLY SILTY FINE SAND (SP).
LOOSE TO FIRM TAN SLIGHTLY CLAYEY MED. TO FINE SAND, TRACE SILT (SP).
LOOSE TO VERY LOOSE GRAY TO BROWN MED. TO FINE SAND, SOME CLAY LAYERS (SP-SC).
VERY LOOSE DARK GRAY SLIGTLY SILTY MED. TO FINE SAND (SM).
VERY FIRM TAN TO GRAY MED. TO FINE SAND (SP).
LOOSE TO VERY LOOSE DARK GRAY SLIGHTLY SILTY MED. TO FINE SAND. (SP-SM).
BORING TERMINATED at 45.0'

BLOWS: 4, 10, 12, 9, 4, 7, 2, 20, 24, 7, 3

BORING NO. 2

DESCRIPTION
SOFT TAN-BROWN FINE SANDY CLAY (CL).
LOOSE LT. TAN CLAYEY MED. TO FINE SAND (SC)
SOFT GRAY FINE SANDY CLAY (CL).
LOOSE GRAY CLAYEY MED. TO FINE SAND (SC).
LOOSE GRAY SILTY TO SLIGHTLY SILTY MED. TO FINE SAND (SP-SM).
BORING TERMINATED at 20.0'

BLOWS: 4, 5, 5, 8, 6, 7

BORING NO. 3

DESCRIPTION
VERY LOOSE GRAY SLIGHTLY SILTY FINE SAND (SP).
LOOSE GRAY-BROWN SILTY FINE SAND (SM).
STIFF GRAY-BROWN MED. TO FINE SANDY CLAY (CL).
VERY LOOSE GRAY MED. TO FINE SAND, SOME THIN CLAY LAYERS (SP-SC).
BORING TERMINATED at 15.0'

BLOWS: 2, 8, 13, 11, 3

BORING NO. 4

DESCRIPTION
LOOSE TAN SLIGHTLY CLAYEY FINE SAND (SC).
STIFF GRAY FINE SANDY CLAY (CL).
FIRM TAN TO GRAY MED. TO FINE SAND WITH SOME CLAY LAYERS.
LOOSE GRAY MED. TO FINE SAND, TRACE CLAY (SP).
BORING TERMINATED at 15.0'

BLOWS: 5, 8, 12, 11, 6

BORING NO. 5

DESCRIPTION
VERY LOOSE GRAY FINE SAND (SP).
FIRM SILTY FINE SAND, TRACE CLAY (SP-SC)
FIRM GRAY FINE SANDY CLAY (CL).
LOOSE BROWN-GRAY TO ORANGE MED. TO FINE SAND WITH SOME CLAY LAYERS (SP-SC).
BORING TERMINATED at 20.0'

BLOWS: 4, 11, 8, 10, 7, 5

BORING NO. 6

DESCRIPTION
VERY LOOSE GRAY FINE SAND, TRACE SILT. (SP).
LOOSE GRAY FINE-MED. SAND (SP)
LOOSE BROWN-GRAY CLAYEY MED. TO FINE SAND (SC).
FIRM GRAY PLASTIC SILTY CLAY (CH).
LOOSE YELLOW-ORANGE MED. TO FINE SAND. (SP).
LOOSE DARK GRAY MED. TO FINE SAND W/CLAY LAYERS (SP-SC).
BORING TERMINATED at 20.0'

BLOWS: 2, 8, 7, 6, 7, 8

BORING NO. 7

DESCRIPTION
LOOSE GRAY FINE SAND (SP)
LOOSE ORANGE SILTY FINE SAND, TRACE CLAY (SM)
VERY FIRM GRAY FINE SAND (SP).
LOOSE TO VERY LOOSE GRAY MED. TO FINE SAND WITH CLAY LAYERS (SP-SC).
BORING TERMINATED at 15.0'

BLOWS: 7, 5, 24, 7, 3

BORING NO. 8

DESCRIPTION
VERY LOOSE RED-BROWN MED. TO FINE SAND, TRACE SILT (SP).
VERY LOOSE TAN-GRAY SLIGHTLY CLAYEY FINE SAND (SP-SC).
FIRM GRAY FINE SANDY CLAY (CL).
FIRM TO LOOSE BROWN AND GRAY MED. TO FINE SAND WITH CLAY LAYERS (SP-SC).
BORING TERMINATED at 15.0'

BLOWS: 4, 4, 6, 11, 5

BORING NO. 9

DESRIPTION
LOOSE LIGHT TAN MED. TO FINE SAND, TRACE SILT (SP).
LOOSE GRAY CLAYEY FINE SAND (SC).
FIRM TO VERY STIFF GRAY MED. TO FINE SANDY CLAY (CL).
LOOSE GRAY MED. TO FINE SAND WITH CLAY LAYERS (SP-SC).
BORING TERMINATED at 15.0'

BLOWS: 5, 8, 5, 16, 6

BORING NO. 10

DESCRIPTION
VERY LOOSE DARK BROWN SILTY FINE SAND (SP).
VERY LOOSE TAN-BROWN SLIGHTLY CLAYEY SILTY FINE SAND (SM).
FIRM GRAY FINE SANDY CLAY (CL).
FIRM GRAY MED. TO FINE SAND WITH CLAY LAYERS (SP-SC).
LOOSE GRAY MED. TO FINE SAND (SP).
BORING TERMINATED at 15.0'

BLOWS: 2, 4, 7, 12, 9

BORING NO. 11

DESCRIPTION
LOOSE GRAY-BROWN FINE SAND (SP).
FIRM TO STIFF GRAY FINE SANDY CLAY (CL)
FIRM TO LOOSE GRAY TO ORANGE MED. TO FINE SAND (SP).
LOOSE TO VERY LOOSE GRAY MED. TO FINE SAND WITH SOME CLAY LENSES (SP-SC).
VERY LOOSE DARK GRAY MED. TO FINE SAND. (SP)
VERY FIRM DARK GRAY MED. TO FINE SAND (SP)
BORING TERMINATED at 30.0'

BLOWS: 6, 8, 15, 7, 5, 4, 3, 30

BORING LOG NOTES

1. BORINGS DRILLED BY SOILS AND MATERIALS IN FEBRUARY 1984.
2. ALL DEPTHS AND LOCATIONS ARE APPROXIMATE.
3. THE BORINGS WERE ADVANCED UTILIZING HOLLOW STEM AUGERING AND WASH BORING TECHNIQUES. SOIL SAMPLES WERE OBTAINED AT SELECTED INTERVALS IN ACCORDANCE WITH STANDARD PROCEDURES (ASTM D-1556).
4. THE BLOWS COLUMN INDICATES THE NUMBER OF BLOWS OF 140 lb. HAMMER FALLING 30 in. REQUIRED TO DRIVE 1.4 in. I.D. SAMPLER 1 ft.
5. DESCRIPTION OF SOIL BASED ON BURMISTER'S DESCRIPTION OF SOILS AND SYMBOLS SC, SP ETC. FROM UNIFIED SOIL CLASSIFICATION SYSTEM.
6. MARKS SHOWN THUS ═ INDICATE 24 HOURS WATER TABLE.
7. MARKS SHOWN THUS ╤ INDICATE 1 HOUR WATER TABLE.

BORING LOCATION PLAN
SCALE: 1" = 60'-0"

S-1

McKIM & CREED ENGINEERS PA
CONSULTANTS & PLANNERS
224 N FRONT STREET
WILMINGTON, NC 28401

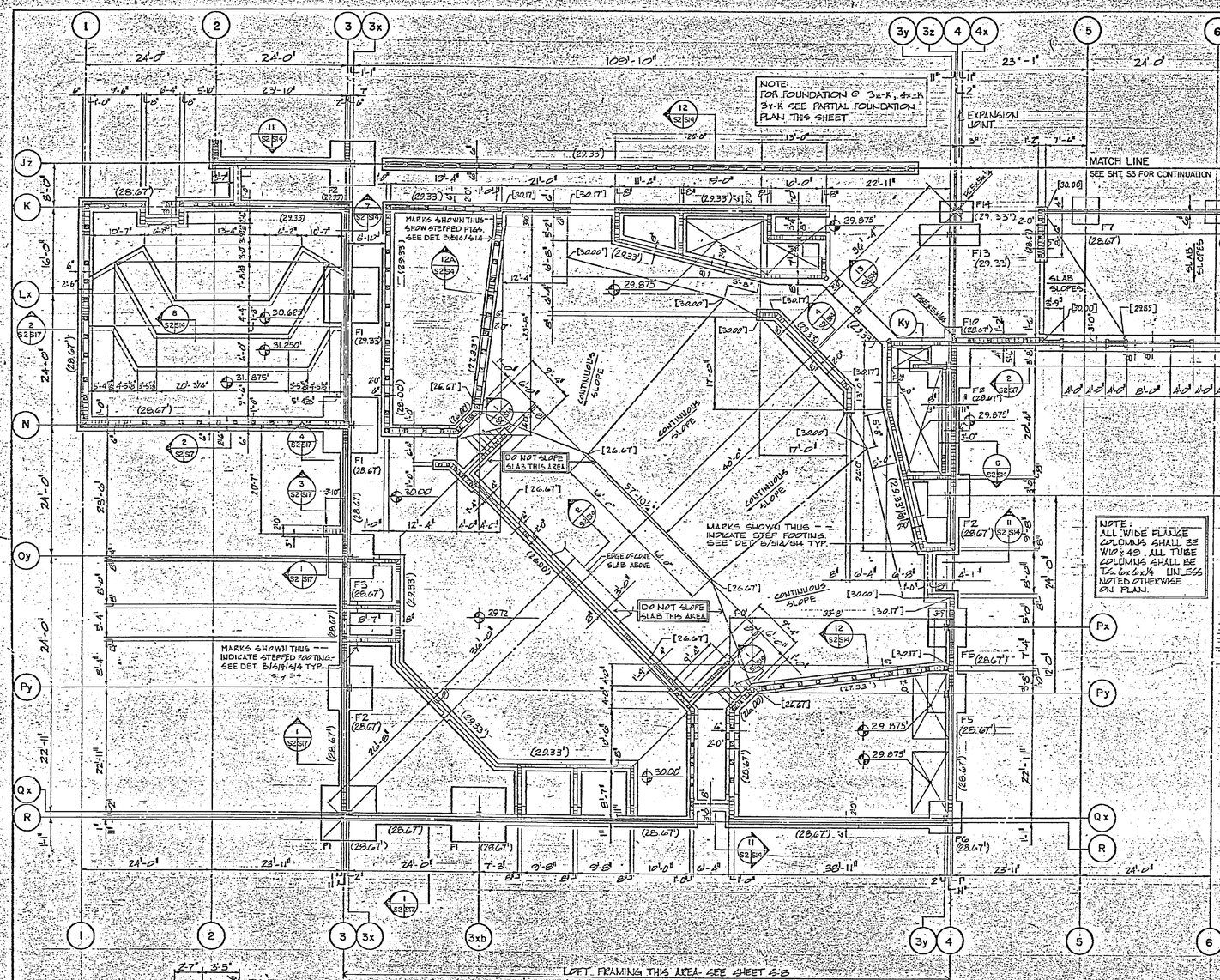
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DES. JTM | DR. BSW | CHK. HPM
PROJ. MGR. HPM | CH. ENG. HPM
SUBMITTED BY: | DATE:
FIRM MEMBER | PRINCIPAL
EFD: FP | RVD
HD | DIR
APPROVED | DATE
ACTIVITY - SATISFACTORY TO
APPROVED | DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NORFOLK, VIRGINIA
NAVAL STATION
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

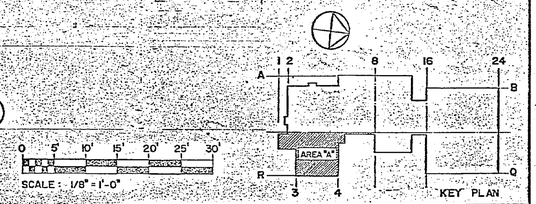
DEPENDENT HIGH SCHOOL
BORING LOG, LOCATION PLAN & GENERAL NOTES

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4126855
		CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED	SPEC. 05-87-7107	SHEET 95 OF 200
		EFD DWG. NO. 226855



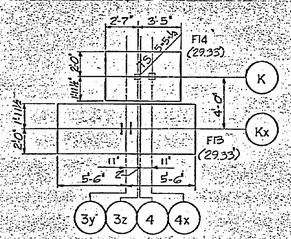
PARTIAL FOUNDATION PLAN WITHOUT AUDITORIUM
SCALE: 1/8" = 1'-0"

PART A- FOUNDATION PLAN WITH AUDITORIUM
SCALE 1/8" = 1'-0"



SCALE: 1/8" = 1'-0"

KEY PLAN



PARTIAL FOUNDATION PLAN W/AUDITORIUM
SCALE: 1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. FINISHED SLAB-ON-GRADE ELEVATION SHALL BE 30.00' UON
2. SLAB-ON-GRADE IN AREA A SLOPES. MARKS SHOWN THUS [ ] INDICATE WORK POINT ELEVATIONS.
3. MARKS SHOWN THUS INDICATE CHANGE IN SLAB ELEVATION.
4. ENTIRE BUILDING AREA SHALL RECEIVE 4" SLAB-ON-GRADE REINFORCED WITH 6 x 6 - W1.4 x W1.4 WWF. BEAR SLAB ON 4" GRANULAR FILL. PROVIDE VAPOR BARRIER BETWEEN SLAB-ON-GRADE & GRANULAR FILL. CENTER WWF IN SLAB
5. PROVIDE CONSTRUCTION/CONTROL JOINTS (CONTRACTOR'S OPTIONS) AS REQUIRED TO MAINTAIN 600 SQ. FT. MAXIMUM SLAB AREAS. SEE DETAIL C/S2/S14 & DETAIL D/S2/S14. (JOINTS SHALL BE 25 FT. ON CENTER MAXIMUM)
6. MARKS SHOWN THUS (—) INDICATE TOP OF FOOTING ELEVATION FOR STEPPED FOOTING SEE DETAIL B/S14
7. MARKS SHOWN THUS F— INDICATE COLUMN FOOTING MARKS SEE DETAIL A/S14 AND COLUMN FOOTING SCHEDULE (S14).
8. PROVIDE THICKENED SLABS UNDER ALL INTERIOR NON-LOAD BEARING WALLS; SEE DETAILS F/S14 AND G/S14. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS.
9. SEE S1 FOR GENERAL NOTES AND S17 FOR TYPICAL DETAILS.
10. MARKS SHOWN THUS ON PLAN INDICATE VERTICAL MASONRY WALL REINFORCEMENT- SEE SEC. 9/S2/S14
11. MARKS SHOWN THUS INDICATE DEPRESSED SLAB AREAS TO RECEIVE SPECIAL FLOOR FINISH. FLOOR DRAINS NOT SHOWN. DRAIN THROUGHS IN SHOWER AREAS NOT SHOWN. CONTRACTOR TO COORDINATE REQUIRED SLOPES, RECESSES FOR TROUGHS AND FLOOR DRAIN ELEVATIONS WITH ARCHITECTURAL AND PLUMBING DRAWINGS.
12. CONCRETE SUPPORTS FOR DOMESTIC HOT WATER TANKS ARE SHOWN IN APPROXIMATE LOCATIONS. CONTRACTOR TO COORDINATE EXACT LOCATIONS & HEIGHTS WITH MECHANICAL CONTRACTOR.
13. FOR MASONRY WALL BRACING CRITERIA AND RELATED DETAILS SEE SHEET S17.

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

S-2

McKIM & CREED ENGINEERS PA
CONSULTANTS & PLANNERS
224 N FRONT STREET
WILMINGTON, NC 28401

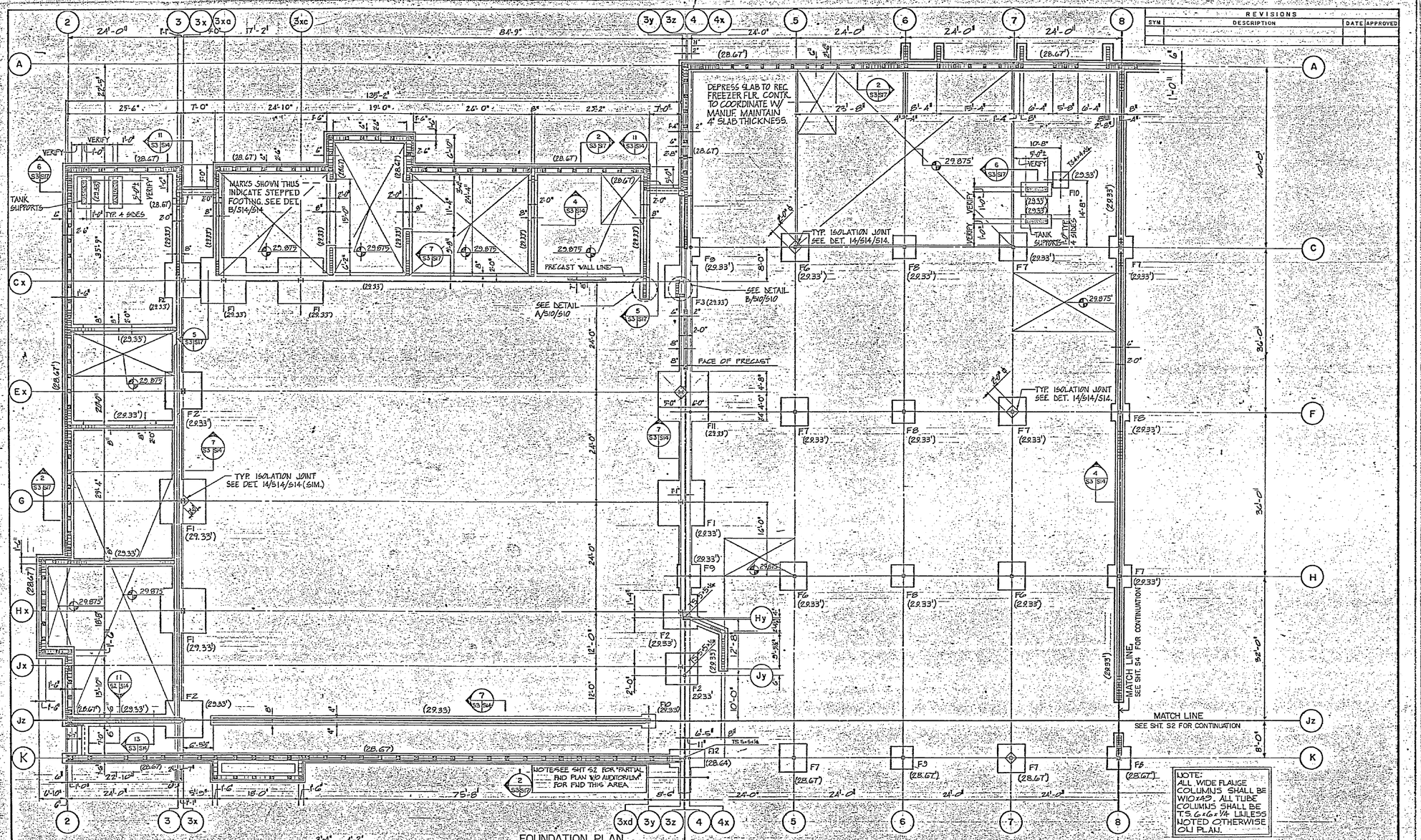
BALLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

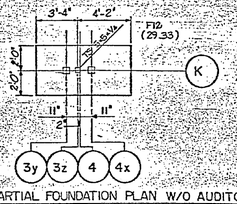
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
PART A - FOUNDATION PLAN

DES. JTM | DR. BSW | CHK. HPM
PROJ. MGR. HPM | CH. ENG. HPM
SUBMITTED BY: | DATE:
FIRM MEMBER | PRINCIPAL
EFD: FP | RVD
HD | DIR
APPROVED | DATE
ACTIVITY - SATISFACTORY TO
APPROVED | DATE
FOR EFD FOR COMMANDER NAVFAC

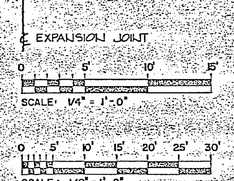
SIZE F | CODE IDENT. NO. 80091 | NAVFAC DRAWING NO. 4126856
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED | SPEC. 05-87-7107 | SHEET 96 OF 200
EFD DWG. NO. 226856

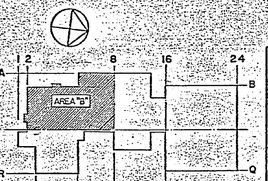


FOUNDATION PLAN
PART B - WITHOUT AUDITORIUM
SCALE: 1/8" = 1'-0"
NOTES: SEE SHEET S2 FOUNDATION PLAN NOTES.



PARTIAL FOUNDATION PLAN W/O AUDITORIUM
SCALE: 1/4" = 1'-0"





KEY PLAN

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

S-3

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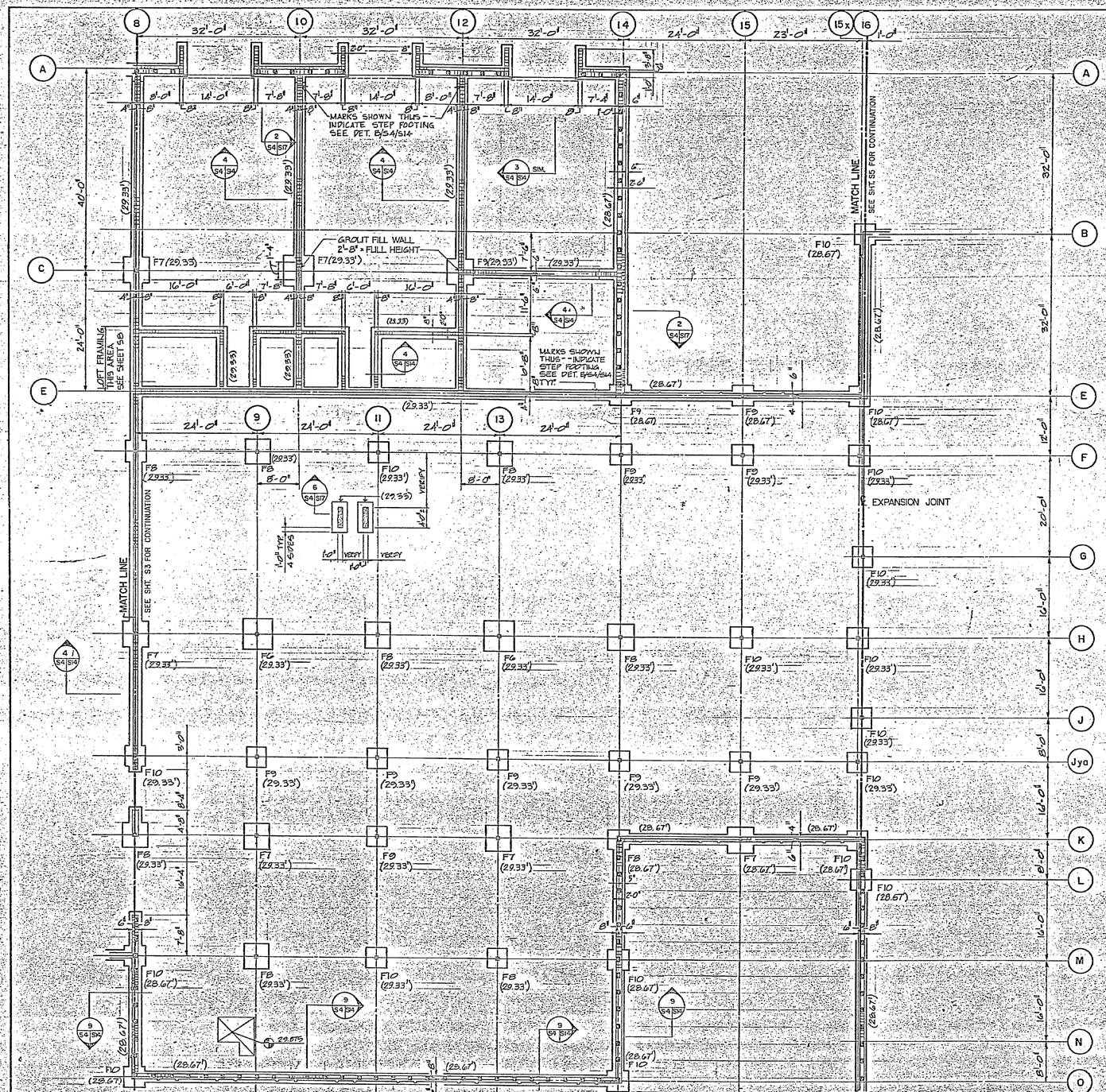
BALLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DES. JTM | DR. BSW | CHK. HPM
PROJ. MGR. HPM | CH. ENG. HPM
SUBMITTED BY: | DATE:
FIRM MEMBER | PRINCIPAL
EFD FP | RVD
HD | DIR KD
APPROVED | DATE
ACTIVITY-SATISFACTORY TO
APPROVED | DATE
FOR EFD FOR COMMENCING NAVFAC

DEPARTMENT OF THE NAVY | NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION | NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
PART B - FOUNDATION PLAN

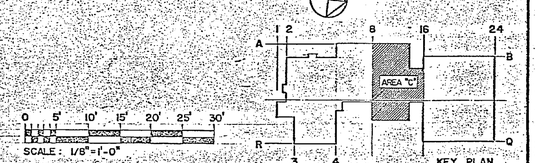
SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	4126857
		CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED	SPEC. 05-87-7107	SHEET 97 OF 200
		EFD DWG. NO. 226857



NOTE:
ALL COLUMNS THIS SHEET SHALL BE TS. 6x6x1/4"

PART C- FOUNDATION PLAN

SCALE: 1/8" = 1'-0"
NOTES: SEE SHEET S2 FOUNDATION PLAN NOTES.



KEY PLAN

SCALE: 1/8" = 1'-0"

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

S-4

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CONSULTANTS & PLANNERS
224 N FRONT STREET
WILMINGTON, NC 28401

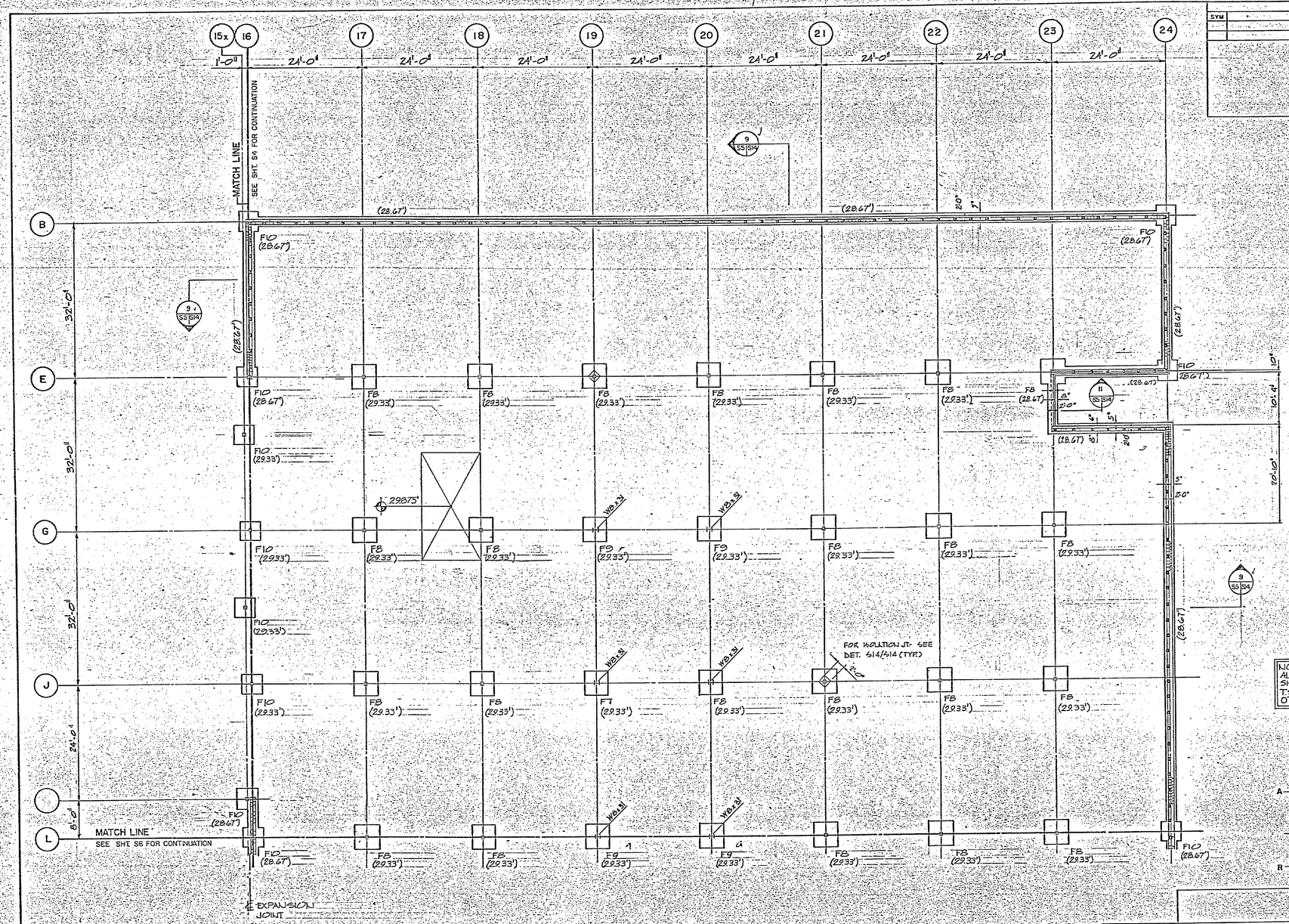
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

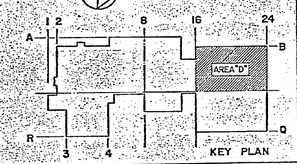
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
PART C - FOUNDATION PLAN

DES. JTM | DR. BSW | CHK. HPM
PROJ. MGR. HPM | CH. ENG. HPM
SUBMITTED BY: | DATE:
FIRM MEMBER | PRINCIPAL
EFD: FP | RVD
HD | DIR
APPROVED | DATE
ACTIVITY - SATISFACTORY TO
FOR EFD FOR COMMANDER NAVFAC

SIZE: F | CODE IDENT. NO. 80091 | NAVFAC DRAWING NO. 4126858
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED | SPEC. 05-87-7107 | SHEET 98 OF 200
EFD DWG. NO. 226858



NOTE:
ALL COLUMNS THIS SHEET SHALL BE T.S. 6×6×¼" UNLESS OTHERWISE NOTED



KEY PLAN

PART D- FOUNDATION PLAN

SCALE: 1/8" = 1'-0"
NOTES: SEE SHEET S2 FOUNDATION PLAN NOTES.

0 5' 10' 15' 20' 25' 30'
SCALE: 1/8" = 1'-0"

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

S-5

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CONSULTANTS & PLANNERS
224 N FRONT STREET
WILMINGTON, NC 28401

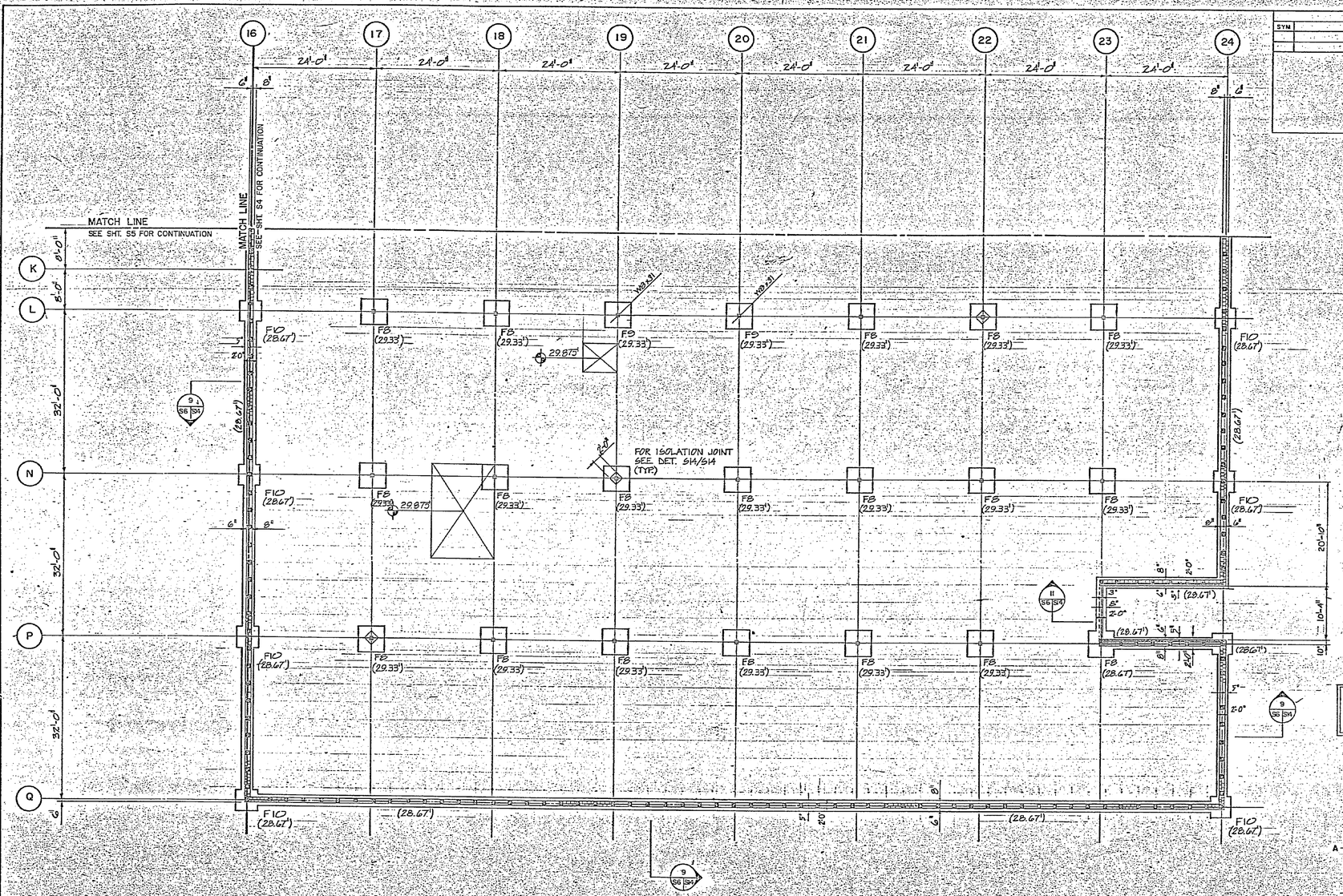
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DES. JTM | DR. BSW | CHK. HPM
PROJ. MGR. HPM | CH. ENG. HPM
SUBMITTED BY: | DATE:
FIRM MEMBER | PRINCIPAL
EFD: FP | RVD
HD | DIR
APPROVED | DATE
ACTIVITY - SATISFACTORY TO
APPROVED | DATE
FOR EFD FOR COMMISSION NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
PART D - FOUNDATION PLAN

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4126859
		CONSTR. CONTR. NO. N62470-67-B-7107
SCALE: AS NOTED	SPEC. 05-87-7107	SHEET 99 OF 200
		EFD DWG. NO. 226859

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



PART E - FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

NOTES: SEE SHEET S2 FOUNDATION PLAN NOTES.

S-6

McKIM & CREED ENGINEERS PA
CONSULTANTS & PLANNERS
224 N FRONT STREET
WILMINGTON, NC 28401

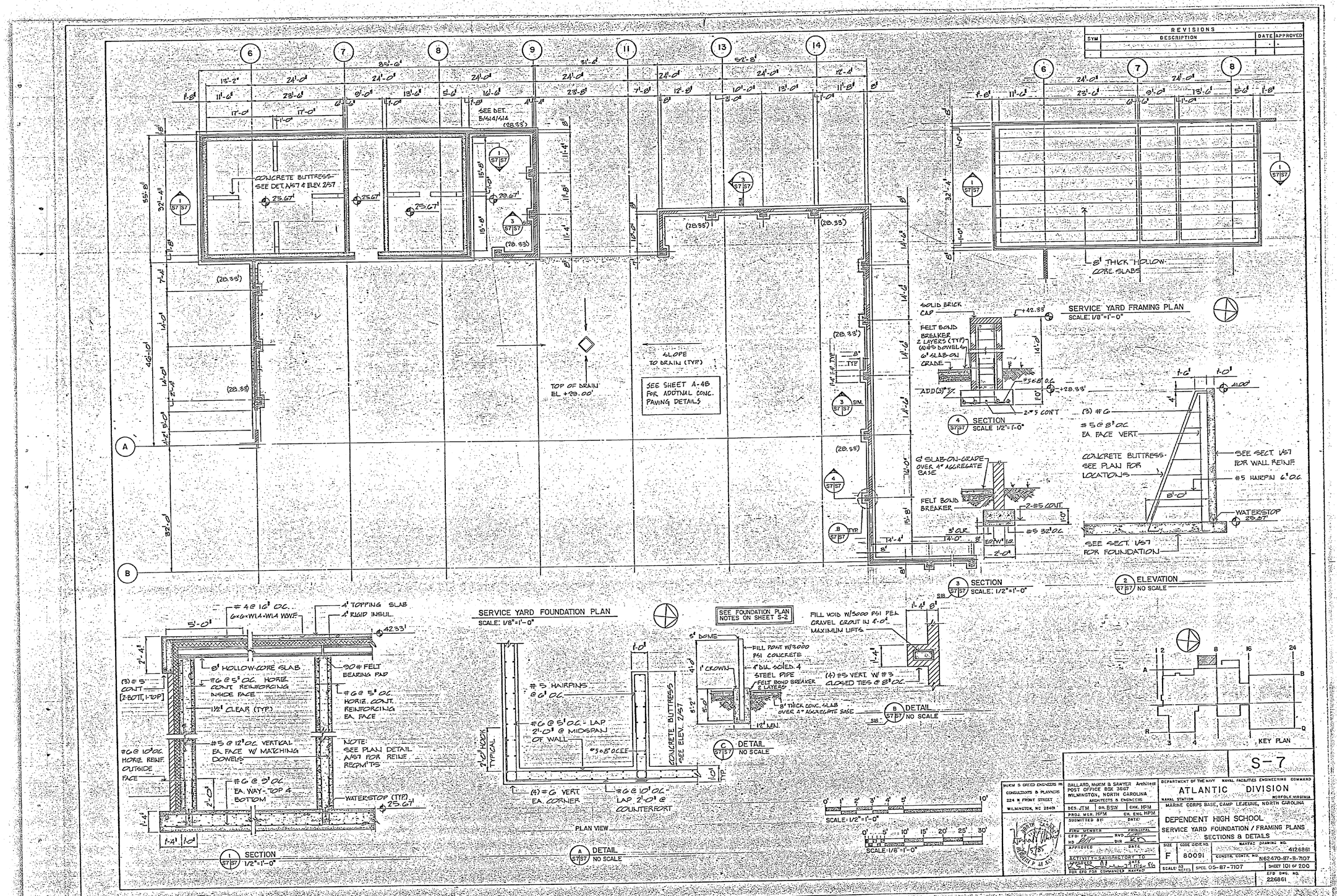
BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3067
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DES. JTM | DR. BSW | CHK. HPM
PROJ. MGR. HPM | CH. ENG. HPM
SUBMITTED BY: DATE:
FIRM MEMBER'S PRINCIPAL
EFD: FF RVD
HD DIN
APPROVED DATE

ACTIVITY - SATISFACTORY TO
FOR EFD FOR ENGINEER (NAVFAC)

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
PART E - FOUNDATION PLAN

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4126860
CONSTR. CONTR. NO.	N62470-67-B-7107	
SCALE: AS NOTED	SPEC. 05-67-7107	SHEET 100 OF 200
		EFD DWG. NO. 226860



S-7

McKIM & CREED ENGINEERS PA
CONSULTANTS & PLANNERS
224 N. FRONT STREET
WILMINGTON, NC 28401

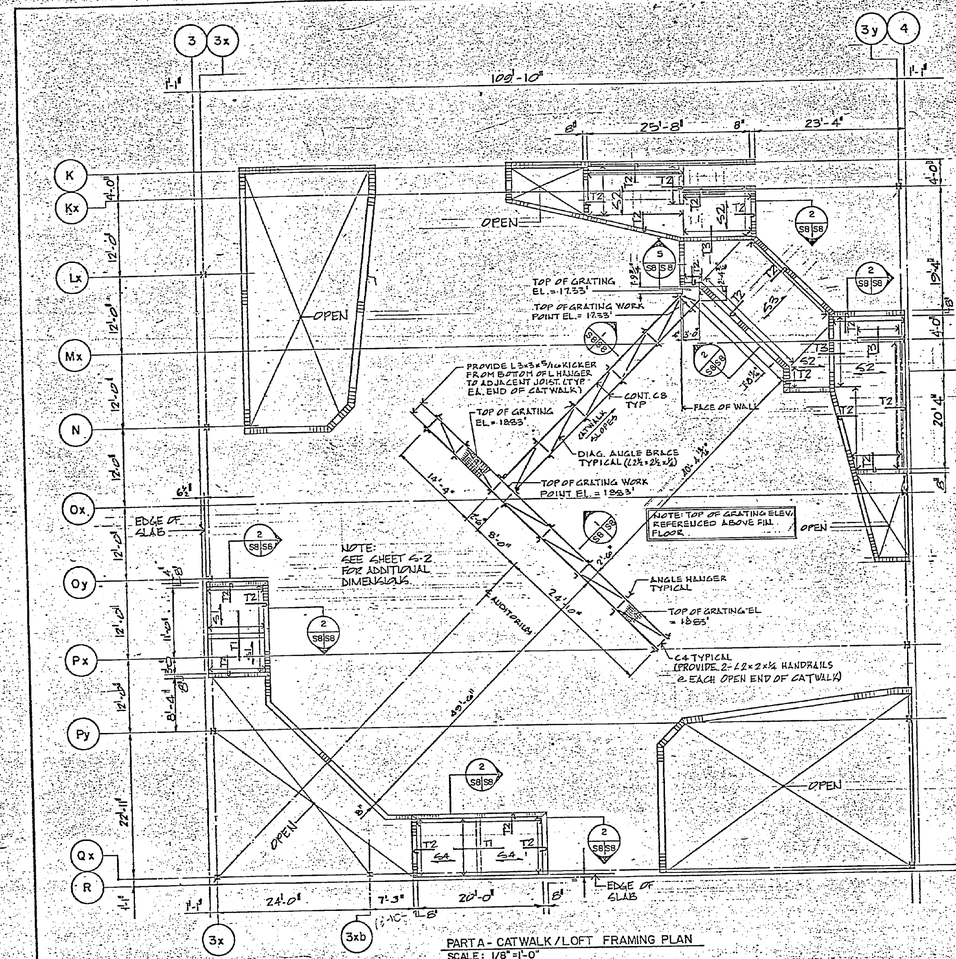
BALLARD, McKIM & SAWYER Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL
SERVICE YARD FOUNDATION / FRAMING PLANS
SECTIONS & DETAILS

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	4126861
		CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED	SPEC. 05-87-7107	SHEET 101 OF 200
		EFD DWG. NO. 226861

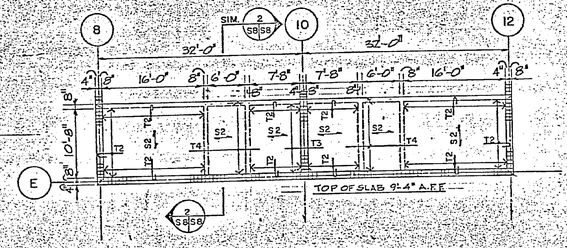


PART A - CATWALK / LOFT FRAMING PLAN

SCALE: 1/8" = 1'-0"

LOFT FRAMING PLAN NOTES:

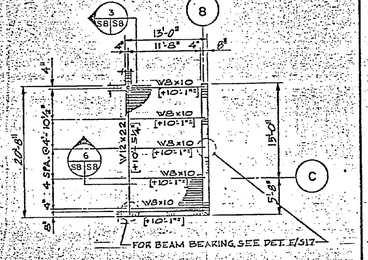
1. TOP OF LOFT SLAB SHALL BE 11'-4" ABOVE FINISHED FLOOR
2. MARKS SHOWN THUS S— INDICATE SLAB REINFORCING, SEE SLAB SCHEDULE THIS SHEET.
3. MARKS SHOWN THUS T— INDICATE ADDITIONAL TOP REINFORCING. SEE TOP BAR SCHEDULE THIS SHEET.
4. SEE SHEET S-1 FOR GENERAL NOTES.



PART C - LOFT FRAMING PLAN

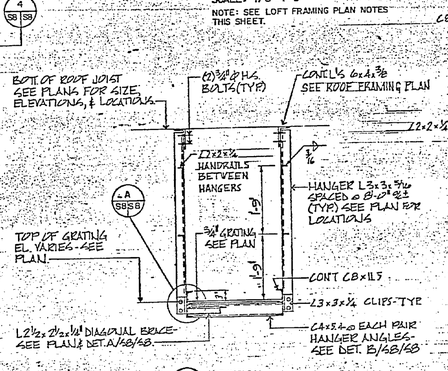
SCALE: 1/8" = 1'-0"

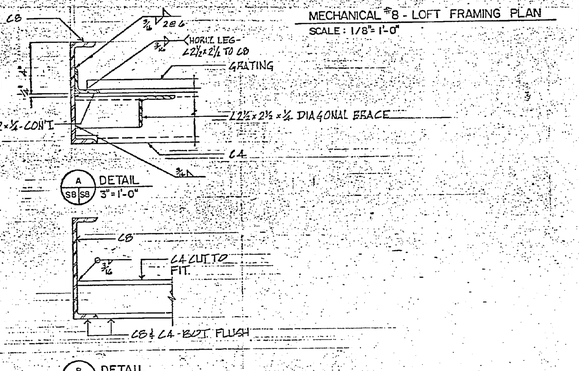
NOTE: SEE LOFT FRAMING PLAN NOTES THIS SHEET.

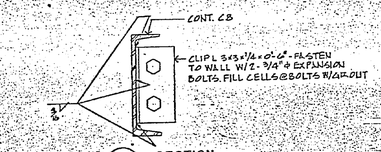


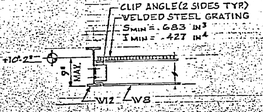
MECHANICAL "8" - LOFT FRAMING PLAN

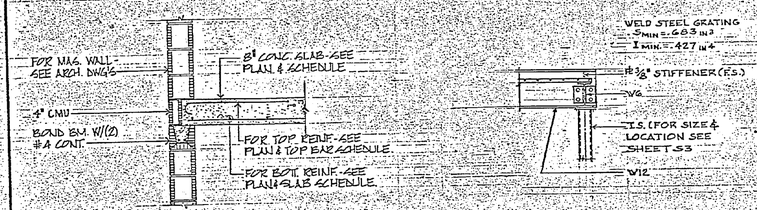
SCALE: 1/8" = 1'-0"

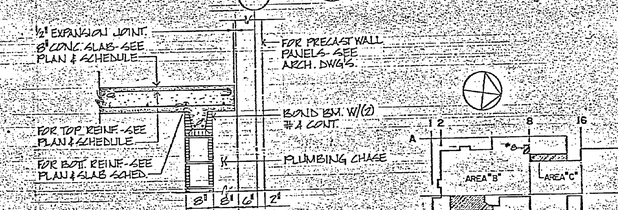


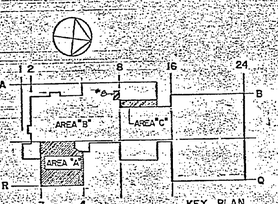












TOP BAR SCHEDULE

MARK	SIZE	SPACING OR NUMBER	LENGTH	REMARKS
T1	# 5	12" o.c.	8'-0"	1
T2	# 4	18" o.c.	3'-0"	2
T3	#4	18" o.c.	4'-0"	1
T4	# 4	18" o.c.	13'-0"	1

TOP BAR SCHEDULE REMARKS

(1) CENTER BAR OVER SUPPORT UNLESS NOTED OTHERWISE.

(2) LENGTH GIVEN DOES NOT INCLUDE STD. 180° HOOK.

SLAB SCHEDULE

MARK	THICKNESS	BOTT. REINF.	TEMP. REINF.	REMARKS
S1	8"	# 5 @ 12" o.c.	# 5 @ 12" o.c.	
S2	8"	# 4 @ 12" o.c.	# 4 @ 16" o.c.	
S3	8"	# 4 @ 10" o.c.	# 4 @ 16" o.c.	
S4	6"	# 4 @ 12" o.c.	# 4 @ 12" o.c.	

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

S-8

BALLARD, McKIM & SAWYER Architects
POST OFFICE BOX 3667 - WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS
DES. JTM | DR. BSW | CHK. HPM
PROJ. MGR. HPM | CH. ENG. HPM
SUBMITTED BY: DATE:
FIRM MEMBER: PRINCIPAL
EFD FILE NO: RVD DIR: WD
APPROVED: DATE:
ACTIVITY SATISFACTORY TO: DATE:
FOR EFD FOR COMMANDER NAVFAC

MANN & GREED ENGINEERS P.A.
CONSULTANTS & PLANNERS
224 N. FRONT ST.
WILMINGTON, N.C. 28401

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL

LOFT FRAMING PLANS, SECTIONS & DETAILS

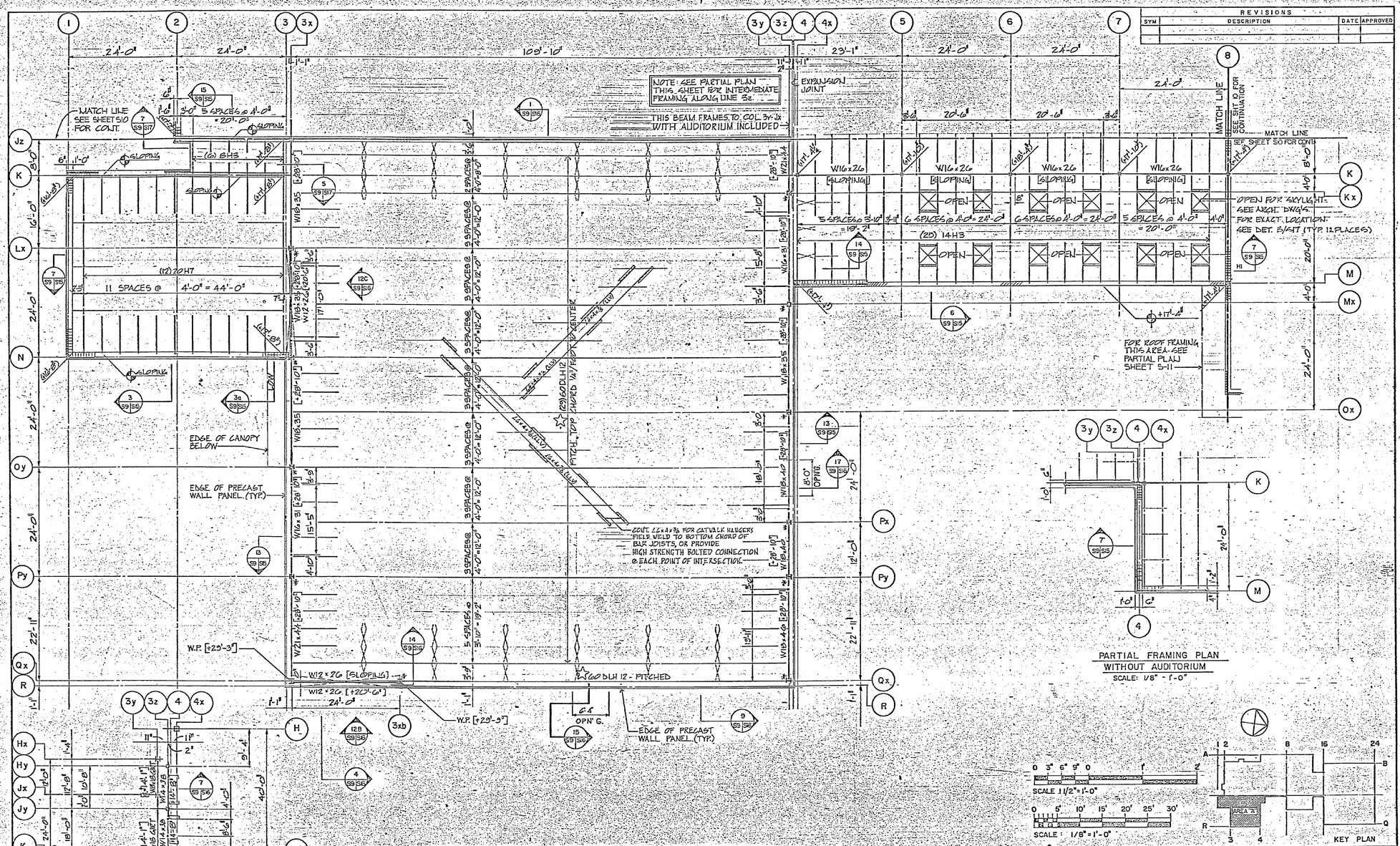
SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4126862

CONSTR. CONTR. NO. N62470-87-B-7107

SCALE: AS NOTED SPEC. 05-87-7107 SHEET 102 OF 200

EFD CWO. NO. 226862

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



PART A- ROOF FRAMING PLAN WITH AUDITORIUM

SCALE : 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ENTIRE ROOF SHALL RECEIVE 1 1/2" DEEP, TYPE F, 22 GAUGE PAINTED METAL DECK.
2. MARKS SHOWN THUS ⌐ INDICATE TOP OF STEEL ELEVATION ABOVE FINISHED FLOOR.
3. MARKS SHOWN THUS ⊕ INDICATE JOIST BEARING ELEVATION ABOVE FINISHED FLOOR.
4. MARKS SHOWN THUS ( ) INDICATE WORK POINT ELEVATION @ JOIST BEARING ABOVE FINISHED FLOOR.
5. MARKS SHOWN THUS ✱ INDICATE THAT THE BOTTOM CHORD OF THE ADJACENT JOIST SHALL BE EXTENDED AND WELDED TO COLUMN. (SEE DETAIL 9/S15)
6. PROVIDE BRIDGING ANGLES ON ROWS AS INDICATED ON PLAN PER STEEL JOIST INSTITUTES SPECIFICATIONS.
7. FOR LINTELS SEE DETAIL H/S17.
8. FOR TYPICAL BEAM BEARING ON MASONRY SEE DETAIL E/S17.
9. MARKS SHOWN THUS ——— INDICATE TYPICAL HINGED BEAM CONNECTION. SEE DETAIL C/S17.
10. SEE DETAIL A/S17 & DETAIL B/S17 FOR SPECIAL JOIST REQUIREMENTS. SEE ARCHITECTURAL/MECHANICAL DRAWINGS FOR SIZE & LOCATIONS OF ROOF UNITS & OPENINGS.
11. FOR COLUMN SIZES SEE FOUNDATION PLANS. SEE DETAIL D/S17, & DETAIL F/S17.
12. SEE SHEET S1 FOR GENERAL NOTES AND S17 FOR TYPICAL DETAILS.
13. ALL REFERENCES TO FINISHED FLOOR = 30.00'.
14. FOR MASONRY WALL BRACING CRITERIA AND RELATED DETAILS SEE SHEET S17.
15. MARKS SHOWN THUS ☆ INDICATE JOISTS WHICH EXCEED DESIGN CRITERIA SET FORTH BY THE STEEL JOIST INSTITUTE. JOIST MANUFACTURER SHALL SUBMIT FOR APPROVAL, DESIGN CALCULATIONS ALONG WITH SHOP DRAWINGS WHICH VERIFY JOIST SIZES SHOWN ON PLAN.
16. SEE DETAIL H/S17 FOR TYPICAL METAL DECK ATTACHMENT.
17. MARKS SHOWN THUS W.P. [ ] INDICATE WORK POINT ELEVATIONS.
18. PRECAST WALL PANELS SHALL BE DESIGNED BY PRECAST MANUFACTURER IN ACCORDANCE WITH PRESTRESSED CONCRETE INSTITUTE. MANUFACTURER SHALL SUBMIT FOR APPROVAL, DESIGN CALCULATIONS ALONG WITH SHOP DRAWINGS SHOWING ALL EMBEDDED ITEM SIZES & LOCATIONS. PANEL SHALL BE CAPABLE OF SUPPORTING A WIND LOAD OF 44# / FT²

HUGH S. CREED ENGINEERS PA. CONSULTANTS & PLANNERS 224 N. FRONT STREET WILMINGTON, NC 28403	BALLARD, McKIM & SAWYER - Architect POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA	S-9
	DES. JTM DR. BSW CHK. HPM	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	
	PROJ. MGR. HPM CH. ENG. HPM	DEPENDENT HIGH SCHOOL	
	SUBMITTED BY: DATE:		
	FIRM MEMBER PRINCIPAL	PART A - ROOF FRAMING PLAN	
	EFD: BP RVD DIR		
	APPROVED DATE		
	ACTIVITY SATISFACTORY TO: FOR EFD FOR COMMANDER NAVFAC	SIZE F; CODE IDENT. NO. 80091; NAVFAC DRAWING NO. 4226883; CONTR. CONTR. NO. N62470-87-B-7107; SCALE AS NOTED; SPEC. 05-87-7107; SHEET 103 OF 200; EFD DWG. NO. 226883	

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

PART B - ROOF FRAMING PLAN WITHOUT AUDITORIUM

SCALE: 1/8" = 1'-0"

NOTES: SEE SHEET S9 ROOF FRAMING PLAN NOTES.

NOTE:
(X) FOR LINTEL SIZE & TYPE SEE DETAIL K/S9/S17. FOR REQUIRED ELEVATION AFF SEE ARCHITECTURAL DWGS.

NOTE: SEE PARTIAL PLAN C/S10/S10 THIS SHEET - FOR INTERMEDIATE FRAMING ALONG 3z

NOTE: SEE SHT S8 FOR "PARTIAL FRAMING PLAN WITHOUT AUDITORIUM" FOR FRAMING THIS AREA

SCALE: 3/4" = 1'-0"

SCALE: 1/8" = 1'-0"

KEY PLAN

SECTION
NO SCALE

DETAIL
3/4" = 1'-0"

DETAIL
3/4" = 1'-0"

INTERMEDIATE FRAMING
PARTIAL PLAN W/ AUDITORIUM

DETAIL
NO SCALE

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CONSULTANTS & PLANNERS
324 N. FRONT ST.
WILMINGTON, N.C. 28401

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DES. JTM | DR. BSW | CHK. HPM
PROJ. MGR. HPM | CH. ENG. HPM
SUBMITTED BY | DATE
FIRM MEMBER | PRINCIPAL
EFD | RVD
NO | SIR
APPROVED | DATE
ACTIVITY - SATISFACTORY TO
SCALE: AS NOTED | SPEC. CS-67-7107
FOR EFD FOR COMMANDER, NAVFAC

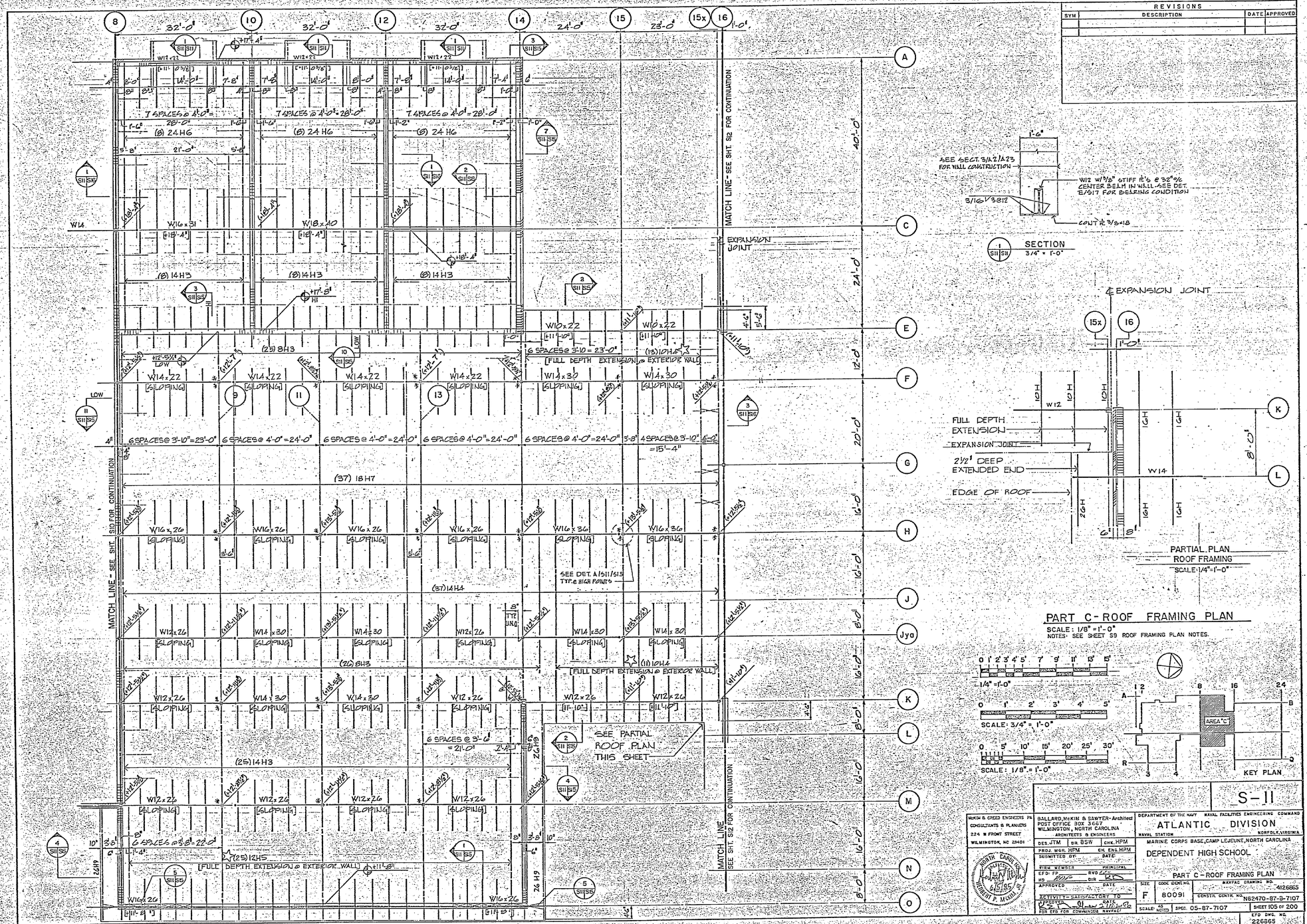
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL

PART B - ROOF FRAMING PLAN

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4125854
	CONSTR. CONTR. NO.	N62470-87-B-7107
	SHEET 104 OF 200	
	EFD DWG. NO.	226864

S-10



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

S-11

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CONSULTANTS & PLANNERS
224 W FRONT STREET
WILMINGTON, NC 28401

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

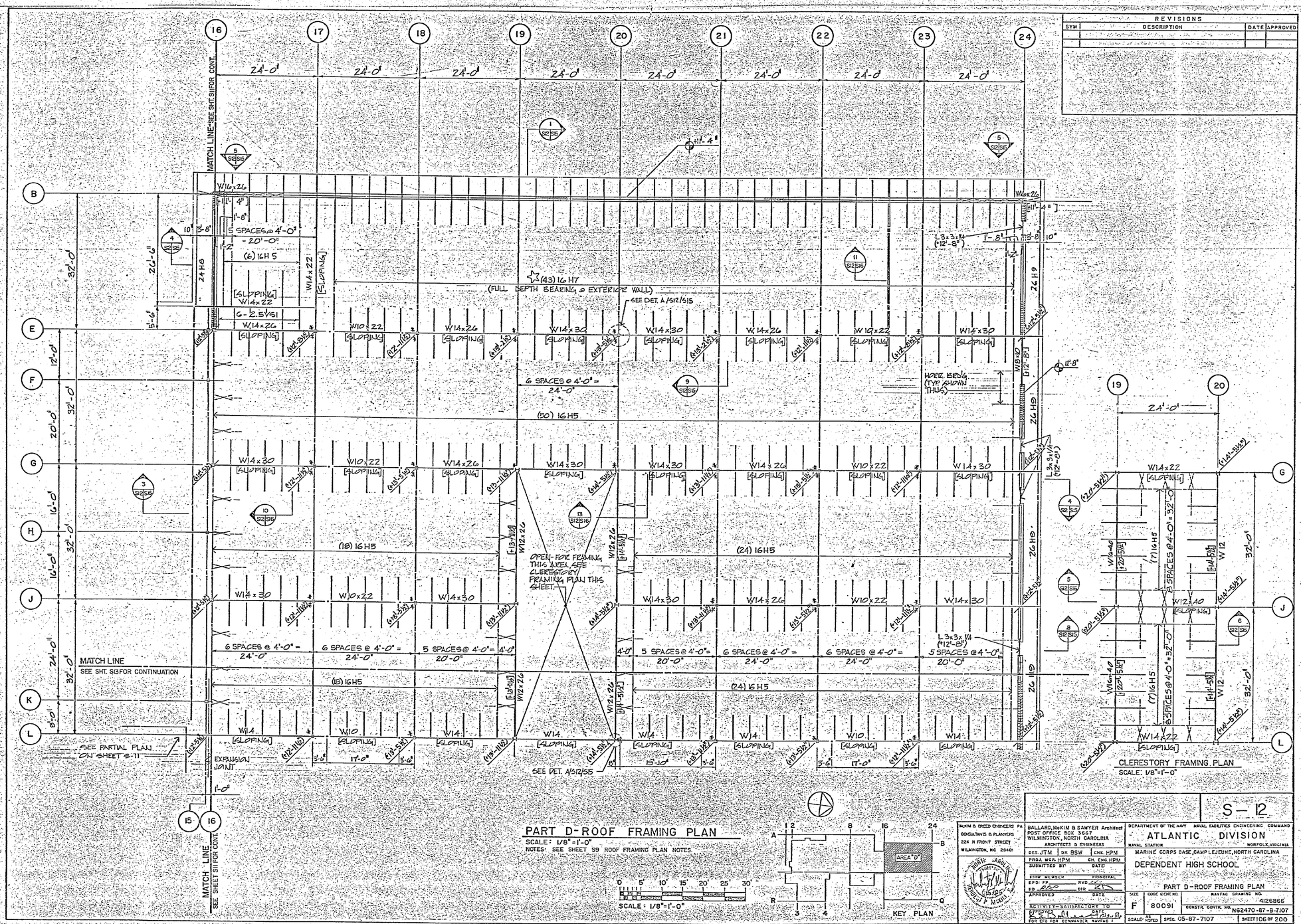
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL

PART C - ROOF FRAMING PLAN

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	4126865
		CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED	SPEC. 05-87-7107	SHEET 105 OF 200
		EFD DWG. NO. 226865



PART D-ROOF FRAMING PLAN

SCALE: 1/8"=1'-0"

NOTES: SEE SHEET S9 ROOF FRAMING PLAN NOTES.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

S-12

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ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
PART D-ROOF FRAMING PLAN

SIZE: F — CODE IDENT. NO.: 80091 — NAVFAC DRAWING NO.: 4126866
CONSTR. CONTR. NO.: N62470-87-B-7107
SCALE: AS NOTED — SPEC. 05-87-7107 — SHEET 106 OF 200
EFD DWG. NO. 226866

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

MATCH LINE
SEE SHT. S12 FOR CONTINUATION

FOR ROOF FRAMING THIS AREA SEE PARTIAL PLAN SHEET S-11.

EXPANSION JOINT

16 17 18 19 20 21 22 23 24

24'-0" typ.

K L N P Q

32'-0"

32'-0"

W14x30 [SLOPING] W10x22 [SLOPING] W14x26 [SLOPING] W14x30 [SLOPING] W14x30 [SLOPING] W14x26 [SLOPING] W10x22 [SLOPING] W14x30 [SLOPING]

(49) 16 H5
SEE DET. 1/S13/S15
(TYP. LINE "20")

(49) 16 H5

(49) 16 H7
(FULL DEPTH BEARING @ EXTERIOR WALL)

26 H9

L3x3x1/4 (*12'-8")

L3x3x5/16 (*12'-8")

W8x10 (*12'-8")

W16x26 *11'-4"

5 SPACES @ 4'-0" = 20'-0"
6 SPACES @ 4'-0" = 24'-0"

10"
1'-8"
1'-2"
3'-8"
3'-6"
8"
6"
8'-0"
4'-6"

HORIZONTAL BRIDGING (TYP. SHOWN THUS)

OPE HAND

*11'-4"

W14x26 *11'-4"

Jya
W10
3/4" BASE PLATE
W14
3y
5/8" ø BOLT
DETAIL
1 1/2" = 1'-0"

BEAM/PRECAST WALL PANEL
CAST-IN-PLATE BY PRECAST MANUF.
+17'-4" AFF.
Jya Jz
0'-11"
W10x49 COLUMN
L 4x4x1/4 x 0'-6" w/ 1/2" STIFFNER
BAR JOIST FOR SIZE AND SPACING SEE SHEET S10.
+14'-3" AFF.
PRECAST WALL PANEL
W14 BEYOND
W14
SEE DET. 4/S13/S15 FOR COL. BASE CONNECTION
3/8" STIFFNER N5 & P5
SECTION
1" = 1'-0"

SCALE: 1/8" = 1'-0"

KEY PLAN

PART E - ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

NOTES: SEE SHEET S9 ROOF FRAMING PLAN NOTES.

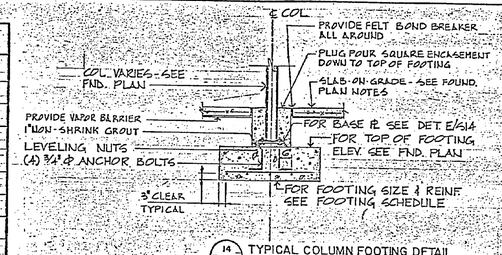
S-13

NOOM & GREED ENGINEERS PA CONSULTANTS & PLANNERS 224 N FRONT STREET WILMINGTON, NC 28401	BALLARD, McKIM & SAWYER - Architect POST OFFICE BOX 3667 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA
DES. JTM DR. BSW CHK. HPM PROJ. MGR. HPM CH. ENG. HPM SUBMITTED BY DATE FIRM MEMBER PRINCIPAL CFD FF RVD MD DIR APPROVED DATE ACTIVITY - SATISFACTORY TO BY DATE FOR CFD FOR COMMANDER, NAVFAC		MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA DEPENDENT HIGH SCHOOL PART E - ROOF FRAMING PLAN SIZE F · CODE IDENT. NO. 80091 · NAVFAC DRAWING NO. 4126867 CONSTR. CONTR. NO. N62470-87-B-7107 SCALE: AS NOTED · SPEC. 05-87-7107 · SHEET 107 OF 200 CFD DWG. NO. 226867

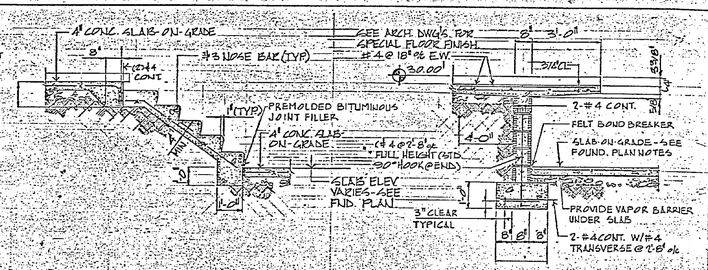
COLUMN FOOTING SCHEDULE

MARK	SIZE W x L	DEPTH	REINFORCING	REMARKS
F1	10'-0" x 10'-0"	2'-0"	(10)#8 EW	1, 2
F2	7'-6" x 7'-6"	1'-4"	(6)#6 EW	1
F3	7'-0" x 7'-0"	1'-4"	(7)#5 EW	1
F4	6'-6" x 6'-6"	1'-2"	(7)#5 EW	1
F5	6'-0" x 6'-0"	1'-2"	(6)#5 EW	1
F6	5'-6" x 5'-6"	1'-0"	(5)#5 EW	1
F7	5'-0" x 5'-0"	1'-0"	(7)#4 EW	1
F8	4'-6" x 4'-6"	1'-0"	(6)#4 EW	1
F9	4'-0" x 4'-0"	1'-0"	(5)#4 EW	1
F10	3'-6" x 3'-6"	1'-0"	(4)#4 EW	1
F11	11'-0" x 11'-0"	2'-0"	(11)#7 EW	1, 2
F12	OMITTED			
F13	4'-0" x 11'-0"	1'-4"	(5)#7 LW (11)#5 SW	1
F14	4'-0" x 6'-0"	2'-0"	(5)#5 LW (6)#5 SW	1

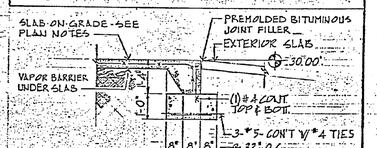
COLUMN FOOTING SCHEDULE REMARKS
1. SEE TYPICAL SECTION 14/S14.
2. PROVIDE TOP REINFORCEMENT SAME SIZE & QUANTITY TO MATCH BOTTOM REINFORCEMENT.

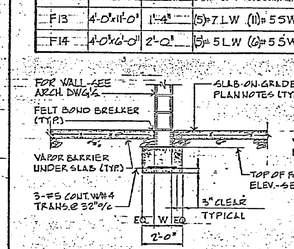


14 S14/S14 TYPICAL COLUMN FOOTING DETAIL

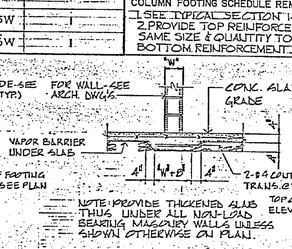


REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

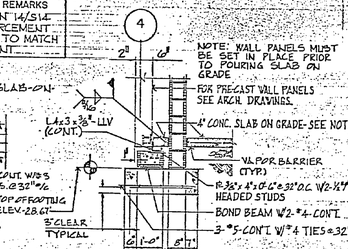




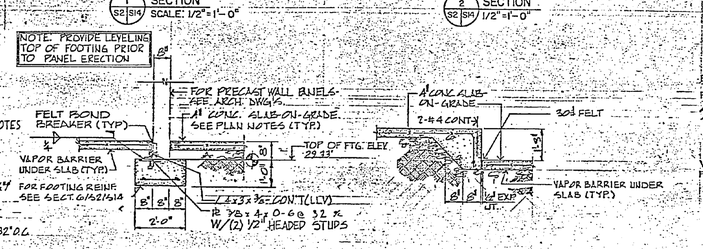
1 S2/S14 SECTION SCALE: 1/2"=1'-0"

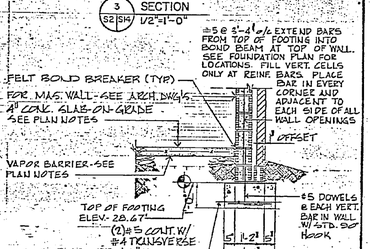


2 S2/SH SECTION 1/2"=1'-0"



3 S2/SH SECTION 1/2"=1'-0"





4 S2/S14 SECTION 1/2"=1'-0"

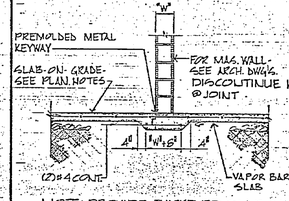
F S4/S14 DETAIL NO SCALE

6 S2/S14 SECTION 1/2"=1'-0"

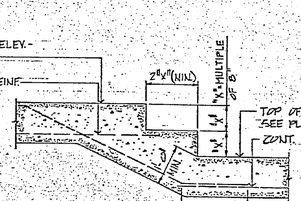
7 S2/S14 SECTION 1/2"=1'-0"

8 S2/S14 SECTION 1/2"=1'-0"

9 S4/S14 SECTION 1/2"=1'-0"

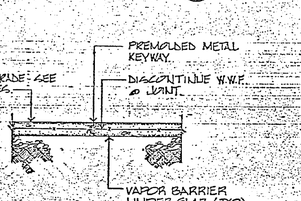


G S4/S4 DETAIL NO SCALE



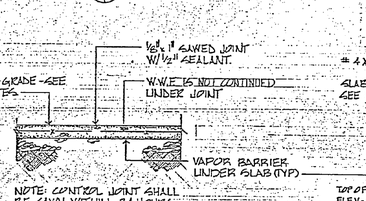
TYPICAL STEPPED FOOTING

B S4/S4 DETAIL NO SCALE



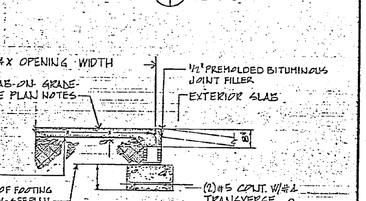
TYPICAL CONSTRUCTION JOINT

C S4/S4 DETAIL NO CONSTRUCTION

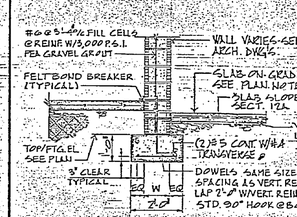


TYPICAL CONTROL JOINT

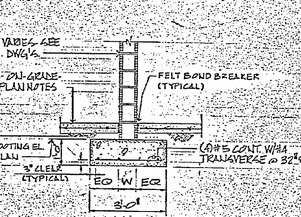
D S4/S4 DETAIL NO SCALE



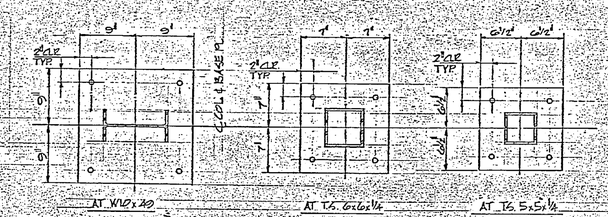
11 S2/S4 SECTION 1/2"=1'-0"



12A S2/S14 12 S2/S14 SECTION 1/2"=1'-0"



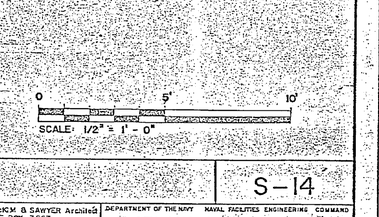
13 S2/S14 SECTION 1/2"=1'-0"



TYPICAL BASE PLATES

E S4/S4 DETAIL NO SCALE

NOTE: ALL BASE PLATES ARE 3/4" THICK UNLESS OTHERWISE NOTED.



15 S2/S4 SECTION 1/2"=1'-0"

HAIN & CREED ENGINEERS PA
CONSULTANTS & PLANNERS
224 N FRONT STREET
WILMINGTON, NC 28401

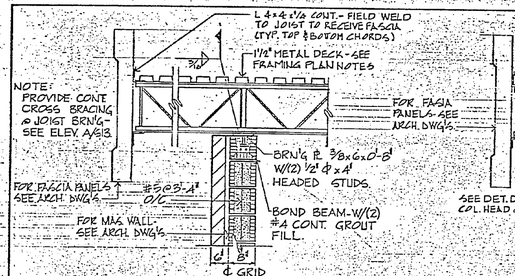
BALLARD, McKIM & SAWYER ARCHITECTS
POST OFFICE BOX 1667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DES. JTM | DR. BSW | CHK. HPM
PROJ. MGR. HPM | CK. ENG. HPM
SUBMITTED BY: | DATE:
FIRM MEMBER | PRINCIPAL
EFD: FP | RVD
HD | DIR
APPROVED | DATE
ACTIVITY-SATISFACTORY TO
FOR CTO FOR COMMANDER NAVFAC

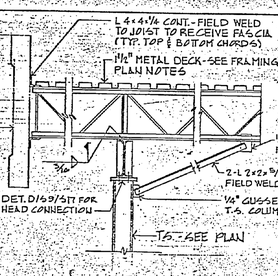
S-14

DEPARTMENT OF THE NAVY | NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION | NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
FOUNDATION SECTIONS & DETAILS

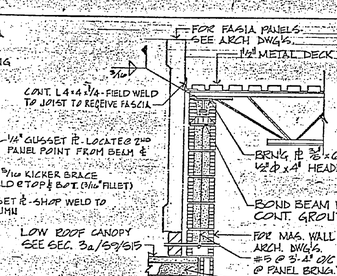
SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	412868
	CONSTR. CONTR. NO.	N62470-97-B-7107
SCALE: AS NOTED	SPEC. 05-97-7107	SHEET 108 OF 200
		EFD DWG. NO. 226868



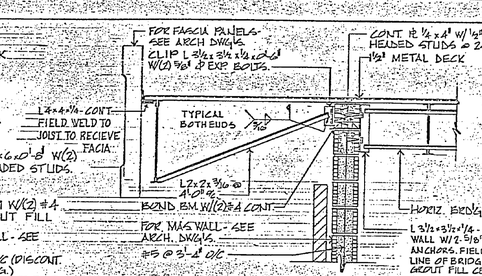
1 SECTION S11 S15 — S12, S13, S15
3/4" = 1'-0"



2 SECTION S11 S15
3/4" = 1'-0"

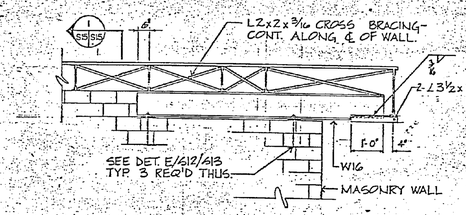


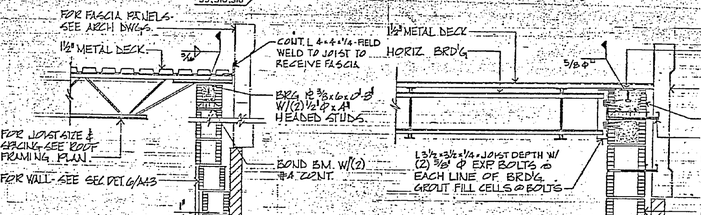
3a 3 SECTION S11 S15 — S9, S10, S18
3/4" = 1'-0"

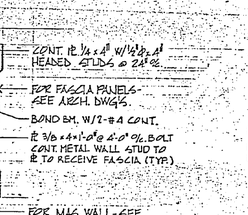


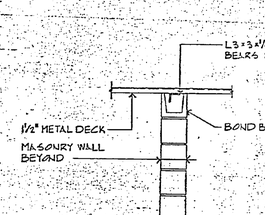
4 SECTION S11 S15 — S12, S13
3/4" = 1'-0"

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



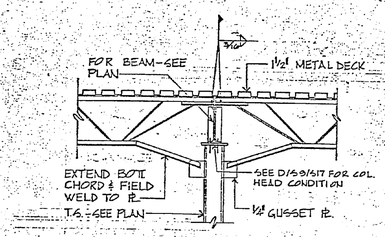




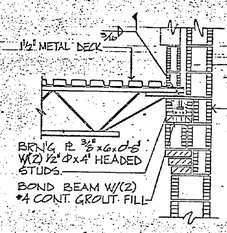


TYPICAL AT 3'-4' WIDE WINDOW

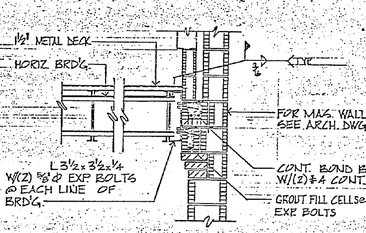
5 ELEVATION S12, S13 — 3/8" = 1'-0"



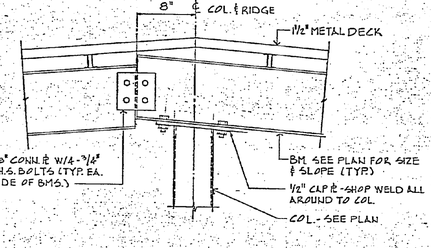
6 SECTION S9 S15 — 3/4" = 1'-0"



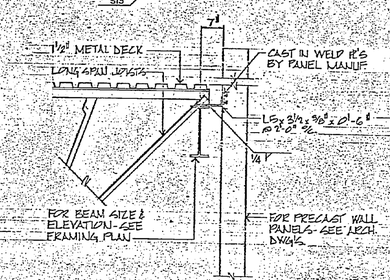
7 SECTION S11 S15 — S9, S10
3/4" = 1'-0"



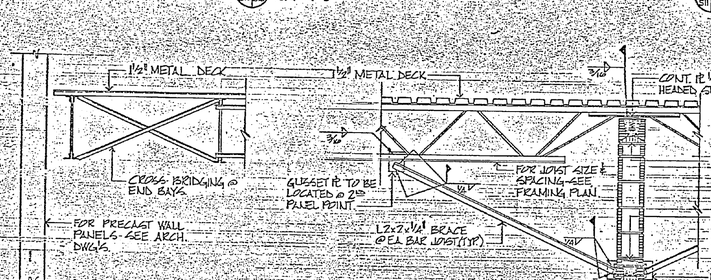
8 SECTION S12 S15 — S12
3/4" = 1'-0"



9 SECTION S12 S15 — S13
3/4" = 1'-0"



10 SECTION S11 S16 — 3/4" = 1'-0"



11 SECTION S11 S15 — 3/4" = 1'-0"

A DETAIL S12, S13, S10 — 1 1/2" = 1'-0"

SCALE: 3/8" = 1'-0"

SCALE: 1 1/2" = 1'-0"

SCALE: 3/4" = 1'-0"

13 SECTION S9 S15 — S9
3/4" = 1'-0"

14 SECTION S9 S15 — S9
3/4" = 1'-0"

15 SECTION S9 S5 — 3/4" = 1'-0"

S-15

MAKIN & CREED ENGINEERS PA
CONSULTANTS & PLANNERS
224 N FRONT STREET
WILMINGTON, NC 28401

BALLARD, McKIM & SAWYER Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA

DES. JTM | DR. BSW | CHK. HPM
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SUBMITTED BY: DATE:
FIRM NAME/S: PRINCIPAL
CFD: FD RVD
NO. 2007 DIR
APPROVED DATE:
ACTIVITY - SATISFACTORY TO DATE
FOR CFD FOR COMMANDER, NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL

FRAMING SECTIONS AND DETAILS

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	4126869
		CONTR. IDENTIF. NO. N62470-87-B-7107

SCALE: AS NOTED SPEC. 05-87-7107 SHEET 109 OF 200

CFD DWG. NO. 226869

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

1½" METAL DECK — CONT. PL ½×4' W/½"Ø×4" HEADED STUDS @ 24"Ø — 5/8"Ø — FOR HORIZ. BRIDGING SEE FRAMING PLAN — BOND BM. W/(2)#4 CONT. FOR WALL-SEE ARCH. DWG'S — L 3½×3½×5/16 W/(2) 5/8"Ø EXP BOLTS @ EA. LINE OF BRIDGING. GROUT FILL CELLS @ BOLTS

1½" METAL DECK — BRNG PL 3/8×8×0'-8" W/(2) ½"Ø×4" HEADED STUDS — 3/16 — BOND BM. W/(2) #4 CONT. — FOR WALL-SEE ARCH. DWG'S

EXP JOINT — 1½" METAL DECK — HORIZ. BRDG-SEE FRAMING PLAN. — PROVIDE CROSS-BRDG @ END BAYS ONLY. — FOR JOIST SIZE & SPACING-SEE FRAMING PLAN. — 1'-0"

L5×3½×5/16×0'-6" @ 2'-0" O/C (LLH) — CAST-IN PL BY PANEL MANUF. — 1½" METAL DECK — FOR BM-SEE PLAN — CROSS-BRDG-SEE FRAMING PLAN. — FOR JOIST SIZE & SPACING-SEE FRAMING PLAN. — NOTE: FABRICATOR CO-ORDINATE CLIP SPACING W/PANEL MANUF.

(7) ½"Ø PLACEMENT BARS — 3/16 — 3/16 — 3/8" GUSSET PL

1 (S11|S16) SECTION 3/4"=1'-0" — S9,S10

2 (S11|S16) SECTION 3/4"=1'-0"

3 (S11|S16) SECTION 3/4"=1'-0" — S12

4 (S9|S16) SECTION 3/4"=1'-0" — S10

A (S5|S16) DETAIL 1"=1'-0"

3/16 — 19 — 1½" METAL DECK — 2½" EXTENDED END-EXTEND BACK TO FIRST PANEL POINT — PROVIDE CROSS BRDG @ THIS BAY ONLY. — 1½" METAL DECK — HORIZ. BRDG-SEE FRAMING PLAN. — L 2½×2½×¼ TYP. EA. JOIST — L 6×4×⅜ — ⅜ STIFFNER — W16 — 3"×⅜" FLAT BAR — W12 — FOR JOIST SIZE & SPACING-SEE FRAMING PLAN.

20 — 1½" METAL DECK — CONT. L 6×3½×5/16 SHOP WELD TO BM. TOP OF L ELEV 14'-8½" — 1½" METAL DECK — ⅜" STIFF PL @ 2'-0" O/C — W12 — FOR JOIST SIZE & SPACING-SEE FRAMING PLAN. — PROVIDE CROSS-BRDG @ THIS BAY ONLY. — HORIZ BRDG-SEE FRAMING PLAN.

6 (S2|S16) SECTION 3/4"=1'-0"

3y — 3z — 4 — 11' — 2' — 14'-8" — ⅛ — 14'-1" — W8×18 — ⅛ — ⅜ STIFF PL @ 2'-0" O/C — W16 — L5×3½×5/16×0'-6" @ 2'-0" O/C

3y — 3z — 4 — 11' — 2' — CAST-IN PL BY PANEL MANUF. @ 2'-0" O/C (2 PER PANEL) — FOR PRECAST WALL PANELS-SEE ARCH. DWG'S. — W14

6" PRECAST PANEL — 6" CMU — L 6×6×⅜ (6" BEYND EA. END) — L 2×2×¼ W/½"Ø×4" HEADED STUDS — @ 2'-0" O/C EA. WAY ROUED IN PLACE CONCRETE — 8" CMU U BLOCK — W8×18 (BEYOND) — 1/4" PL — DOOR BEYOND — FOR LINTEL SEE SECT. 15/S16

7 (S9|S6) SECTION 3/4"=1'-0"

8 (S9|S5) SECTION 3/4"=1'-0"

17 (S9|S16) SECTION 3/4"=1'-0"

W14-COPE AS SHOWN FOR CONN. — 12 — 3 — AFTER ERECTION 1½" — 5" — 20 — 14'-8" W.P — CONT. L 6×3½×5/16 (LLV.)-SHOP WELD TO BM. TOP OF ANGLE ELEV 14'-10½" SHIM AS REQUIRED — 1½" METAL DECK — L 3½×3½×⅛ CLIP ANGLES BOTH SIDES W/¾" Ø BOLTS — 1½" CAP PL-SHOP WELD AROUND TO COL. — W14-SEE PLAN FOR SLOPE — CONNECTION ANGLE — W12-SEE PLAN FOR SLOPE — 3/8" STIFF PL @ 2'-0" O/C — W8 COLUMN — W14-SEE PLAN FOR SLOPE

5 (S2|S5) SECTION 3/4"=1'-0"

13 (S12|S16) SECTION 3/4"=1'-0"

L5×3½×5/16×0'-6" @ 2'-0" O/C (LLH) — METAL DECK — R — 2' — 1'-1" — CAST-IN PL BY PANEL MANUF. — CROSS-BRDG-SEE FRAMING PLAN. — FOR JOIST SIZE & SPACING-SEE FRAMING PLAN. — NOTE: FABRICATOR CO-ORDINATE CLIP SPACING W/PANEL MANUF. — L5×3½×5/16×0'-6" @ 2'-0" O/C (LLH) — 3/16

9 (S9|S6) SECTION 3/4"=1'-0"

1½" METAL DECK TYP. — FOR JOIST SIZE & SPACING-SEE FRAMING PLAN. — L3×4×1 VERTICLES @ EA. JOIST & ENDS OF PARTITION — CONT. ANGLES-L 2½×2½×¼ — HANGER RODS BY PARTITION SUPPLIER — ¼" GUSSET PL — STIFF PL ⅜ (TYP.) — L3×3×⅛ BRACE-FIELD WELD TOP & BOT (3/16" FILLET) — L2×2×¼-SHOP WELD TO C3'S — FOR CONTINUATION OF PARTITION-SEE ARCH DWG'S — 4½"

10 (S12|S16) SECTION 3/4"=1'-0"

HORIZ BRDG-SEE FRAMING PLAN. — 1½" METAL DECK — FOR JOIST SIZE & SPACING-SEE FRAMING PLAN. — FOR CONTINUATION OF PARTITION-SEE ARCH DWG'S. — L3½×3½×¼ — ℄ JOIST ; PARTITION

11 (S12|S16) SECTION 3/4"=1'-0"

HI BEAM SLOPES — WP — SEE PLAN FOR SIZE & ELEV. — WP — SLOPING BM. FRAMES TO COL. FLANGE AT 12'0. — L 3½×3½×⅛ LLV. — L 3½×3½×⅛ LLV. — BEAM LEVEL SECTION 12C ONLY — FOR WORKING POINT ELEV. @ SLOPED BEAMS-SEE PLAN — ⅜" FILL PL (TYP.) — SEE PLAN FOR SIZE & ELEV. — A (S5|S6) TYP — L 4×3½×¼ LLV. — L 4×3½×¼ LLV. — ⅜" TIE PL (TYP.) — ⅜" FILL PL (TYP.)

12A (S9|S6) 12B (S9|S16) 12C (S9|S5) ELEVATION 1/4"=1'-0" — S10

1½" METAL DECK — ⅜ STIFFNER — FOR BEAM-SEE FRAMING PLAN. — CLIP L 6×6×⅜×0'-6" — FOR COL-SEE PLAN. — NOTE: TOP FLANGE OMITTED FOR CLARITY. — SPECIAL JOIST PITCH TO ℄ BLDG — CLIP L 3½×3½×⅛×0'-6"

14 (S9|S6) SECTION 3/4"=1'-0" — S10

FOAMED-IN-PLACE CONC. — PRECAST CONC PANEL — 4 @ 1'-0" O.C.E.W. — ½"Ø×2' HEADED STUDS @ 8" O.C. — BENT PL ½"×4"×4" — ½"Ø EXP BOLTS @ 1'-4" O.C. — 10'-0" AFF — 1'-4" — 2'-6" CONT — CB=11.5×12'-0" @ DOOR "12; CB=11.5×10'-8" @ DOOR "10 — PL ⅜×3½×8'-0" @ DOOR "12; PL ⅜×3½×2'-2½" @ 2'-8" @ DOOR "10 — ¾"Ø EXP BOLTS-SPACE AS SHOWN BELOW-TYP EA. END

16 (S16|S6) SECTION SCALE: 3/4"=1'-0" — S17

15 (S9|S6) SECTION 3/4"=1'-0" — CB — EXP. BOLTS — 2'-0" — OPENING WIDTH — PL ⅜

SCALE: 1/4" = 1'-0" — SCALE: 3/4" = 1'-0" — SCALE: 1" = 1'-0"

S-16

HUGH S. CREED ENGINEERS PA — CONSULTANTS & PLANNERS — 224 N FRONT STREET — WILMINGTON, NC 28401

BALLARD, McKIM & SAWYER Architect — POST OFFICE BOX 3867 — WILMINGTON, NORTH CAROLINA — ARCHITECTS & ENGINEERS — DES. JTM | DR. BSW | CHK. HPM — PROJ. MGR. HPM | CK. ENG. HPM — SUBMITTED BY: DATE: — FIRM MEMBER / PRINCIPAL — EFD: FP BVD — MD DIR — APPROVED DATE — ACTIVITY - SATISFACTORY TO — DATE — FOR EFD FOR COMMANDER, NAVFAC

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND — ATLANTIC DIVISION — NAVAL STATION — NORFOLK, VIRGINIA — MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

DEPENDENT HIGH SCHOOL

FRAMING SECTIONS & DETAILS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4126870

CONSTR. CONTR. NO. N62470-87-B-7107

SCALE: AS NOTED — SPEC. 05-87-7107 — SHEET 110 OF 200

EFD DWG. NO. 226870

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

TYPICAL BAR JOIST REINFORCING

NOTES: 1. IF A CONCENTRATED LOAD OF 100 POUNDS OR MORE IS LOCATED 5" OR MORE FROM A PANEL POINT, L1½x1½x⅛ SHALL BE WELDED TO EACH SIDE OF THE TOP & BOTTOM CHORDS.

TYPICAL ROOF OPENING

TYPICAL HINGED CONNECTION

TYPICAL COLUMN HEAD

CAP PL SCHEDULE	
COL SIZE	CAP PL SIZE
TS5x5x5/16	PL ½"x7"x0'-10"
TS6x6x½	PL ½"x8"x1'-0"
W10x49	PL ½"x12"x1'-0"

TYPICAL BEARING

NOTE: ALL ANCHOR BOLTS @ BEARING P.S SHALL BE CENTERED ON BLOCK PORTION OF MASONRY WALL

BOND BEAM AND HORIZONTAL REINFORCING FOR TYPICAL INTERIOR NON-LOAD BEARING PARTITIONS

A S9/S17 DETAIL NO SCALE

B S9/S17 DETAIL NO SCALE

C S9/S17 DETAIL NO SCALE

D S9/S17 DETAIL NO SCALE

E S5/S17 DETAIL NO SCALE

F S7/S17 DETAIL NO SCALE

TYPICAL MASONRY STRAP

LOCATE AT ALL EXTERIOR WALLS

PLAN

SECTION

UNSUPPORTED HEIGHT OR LENGTH FOR INTERIOR WALLS		
NOMINAL WALL THICKNESS (IN.)	VERTICAL DISTANCE BETWEEN SUPPORTS (h, FT)	HORIZONTAL DISTANCE BETWEEN SUPPORTS (L, FT)
8	16.0	18.0
12	24.0	25.0

PARTITION REINFORCEMENT NOTES

1. THIS TABLE REFERS TO NON-LOAD BEARING INTERIOR PARTITIONS.
2. WALLS WHICH EXCEED VERTICAL AND/OR HORIZONTAL DISTANCES SHOWN IN TABLE SHALL BE REINFORCED WITH (1) #5 SPACED @ 6'-0" O.C. MAX. UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS.
3. ALL OTHER WALLS SHALL BE REINFORCED WITH (1) #4 VERTICAL @ 6'-0" OC.
4. BRACE TOP OF WALL AS SHOWN IN DETAILS L/S17/S17 THRU P/S17/S17.

LINTEL SCHEDULE NOTES

1. PROVIDE LINTELS AS SCHEDULED ABOVE UNLESS SHOWN OTHERWISE ON PLAN OR SECTION.
2. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF OPENINGS/LINTELS.
3. BEAR ALL LINTELS 8" MINIMUM EACH END.
4. SEE DETAIL E/S17 FOR BEARING CONDITION AT STEEL BEAM LINTEL.
5. U-BLOCK MASONRY LINTELS SHALL BE REINFORCED AS SCHEDULED AND FILLED WITH 3000 PSI PEA GRAVEL GROUT.

K S9/S7 DETAIL NO SCALE

L S17/S17 DETAIL NO SCALE

INTERIOR NON-LOAD BEARING WALL PERPENDICULAR TO JOIST

G S9/S17 DETAIL NO SCALE

H S17/S17 DETAIL NO SCALE

J S17/S17 DETAIL NO SCALE

INTERIOR NON-LOAD BEARING WALL BETWEEN JOISTS

N S17/S17 DETAIL NO SCALE

P S17/S17 DETAIL NO SCALE

INTERIOR NON-LOAD BEARING WALL BENEATH JOIST

M S17/S17 DETAIL NO SCALE

INTERIOR NON-LOAD BEARING WALL PARALLEL TO JOIST

1 S2/S17 SECTION SCALE: 1/2"=1'-0"

2 S2/S17 SECTION SCALE: 1/2"=1'-0"

3 S2/S17 SECTION-DOOR 13 SCALE: 1/2"=1'-0"

4 S2/S17 SECTION-DOOR 14 SCALE: 1/2"=1'-0"

5 S3/S17 SECTION SCALE: 1"=1'-0"

6 S3/S17 SECTION SCALE: 1/2"=1'-0"

7 S9/S17 SECTION SCALE: 3/4"=1'-0"

SCALE: 3/4"=1'-0"

SCALE: 1/2"=1'-0"

SCALE: 1"=1'-0"

MacM & CREED ENGINEERS PA
CONSULTANTS & PLANNERS
324 N FRONT STREET
WILMINGTON, NC 28401

BALLARD, MIXIN & SAWYER Architect
POST OFFICE BOX 3607
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

DES. JTM | DR. BSW | CHK. HPM

PROJ. MGR. HPM | CH. ENG. HPM

SUBMITTED BY: | DATE:

BSM MEMBER | PRINCIPAL

EFD FF. | RVD

NO. 2017 | DIR

APPROVED | DATE

ACTIVITY: "F" SATISFACTORY TO

DATE

FOR EFD FOR CONTRACTOR NAVFAC

DEPARTMENT OF THE NAVY | NAVAL FACILITIES ENGINEERING COMMAND

ATLANTIC DIVISION

NAVAL STATION | NORFOLK, VIRGINIA

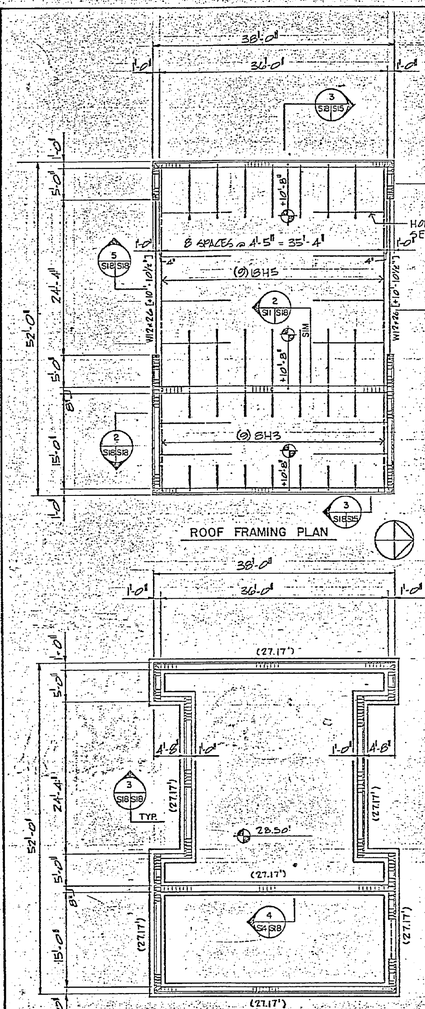
DEPENDENT HIGH SCHOOL

FRAMING SECTIONS & DETAILS

SIZE	EDGE CODE/IDENT	NAVFAC DRAWING NO.
F	80091	4125671
	CONSTR. CONTR. NO.	N62470-87-B-7107
SCALE: AS NOTED	SPEC. 05-87-7107	SHEET 11 OF 200
		EFD DWG. NO. 226871

S-17

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

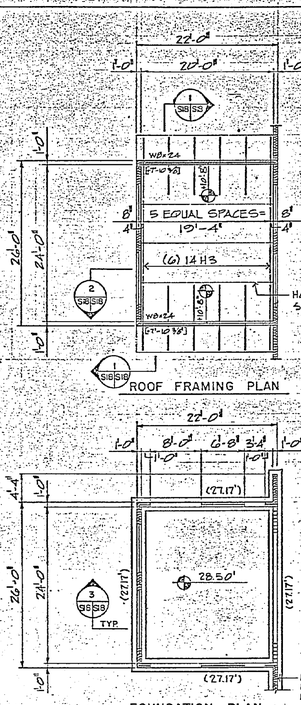


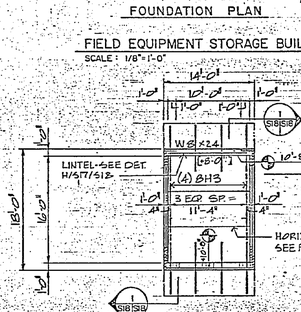
FOUNDATION PLAN NOTES

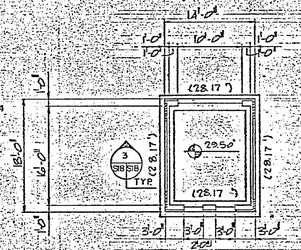
1. ENTIRE AREA SHALL RECEIVE 4" SLAB-ON-GRADE REINFORCED WITH 6 x 6 - W1.4 x W1.4 W.W.F. BEAR SLAB ON 4" GRANULAR FILL. PROVIDE VAPOR BARRIER BETWEEN SLAB & GRANULAR FILL.
2. MARKS SHOWN THUS (___) INDICATE TOP OF FOOTING ELEVATION.
3. PROVIDE THICKENED SLABS UNDER ALL INTERIOR NON-LOAD BEARING MASONARY WALLS - SEE DETAIL 6/S14 & 6/S14
4. SEE SHEET S-1 FOR GENERAL NOTES.
5. MARKS SHOWN THUS ⊕ INDICATE FINISH FLOOR ELEVATION.

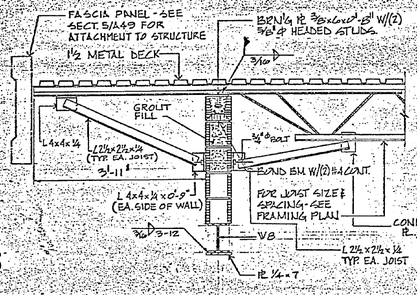
ROOF FRAMING PLAN NOTES

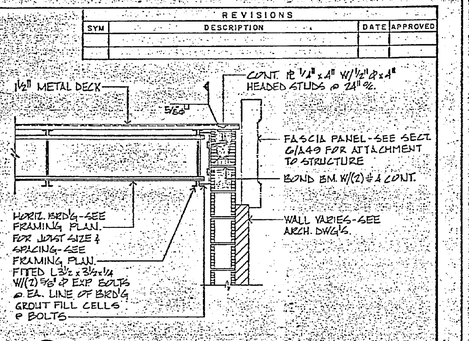
1. ENTIRE ROOF SHALL RECEIVE 1 1/2" DEEP, TYPE F, 22 GAUGE PAINTED METAL DECK.
2. MARKS SHOWN THUS [___] INDICATE TOP OF STEEL ELEVATION, ABOVE FINISH FLOOR.
3. MARKS SHOWN THUS ⊕ INDICATE JOIST BEARING ELEVATION ABOVE FINISH FLOOR.
4. PROVIDE BRIDGING ANGLES ON ROWS AS INDICATED ON PLAN PER STEEL JOIST INSTITUTE'S SPECIFICATIONS.
5. SEE SHEET S-1 FOR GENERAL NOTES.
6. SEE SHEET S-17 FOR TYPICAL DETAILS.

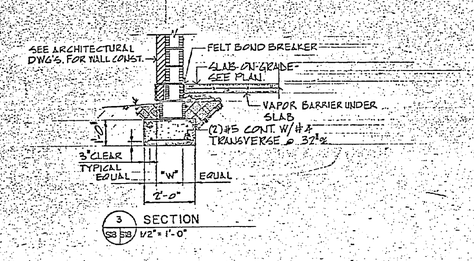


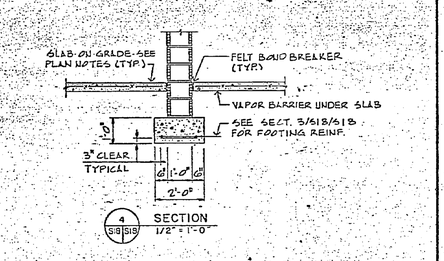


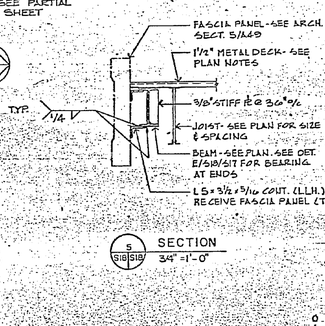


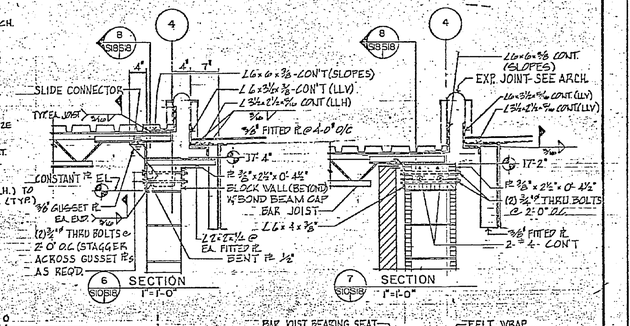


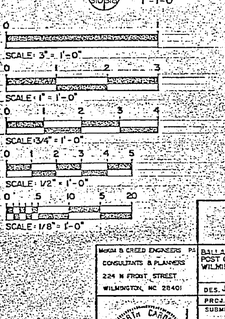


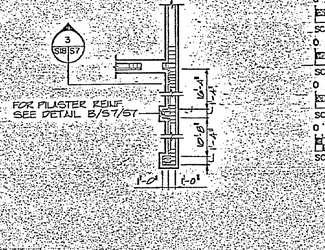




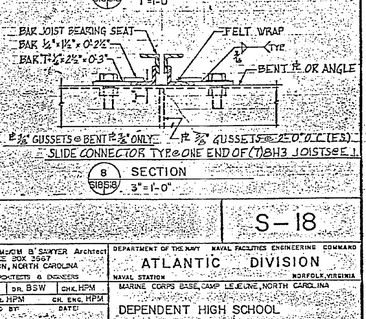








FOUNDATION PLAN
TENNIS PRACTICE WALL



WOOD & CREED ENGINEERS, PA
CONSULTANTS & PLANNERS
224 N FRONT STREET
WILMINGTON, NC 28401

BALLARD, MOOM & SAWYER Architects
POST OFFICE BOX 1067
WILMINGTON, NORTH CAROLINA
ENGINEERS & ARCHITECTS

DES. JTM	DR. BSW	CHK. HPM	
PROJ. MGR. HPM	CH. ENG. HPM		
SUBMITTED BY	DATE		
FIRM MEMBER	PRINCIPAL		
E.F.D. P.E.	RVD		
NO	DIR		
APPROVED	DATE		
ACTIVITY - SATISFACTORY TO EFD/OIC	DATE		
FOR EFD COMMENTS NOTED			

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
ATHLETIC FACILITIES STRUCTURES

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	4126872
SCALE: AS NOTED	SPEC. 05-87-7107	CONSTR. CONTR. NO. N62470-87-B-7107
		SHEET 112 OF 200
		EFD DWG. NO. 226872

S-18

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	ROUGH-IN SIZES WASTE	C.W.	H.W.	REMARKS
P-1	WATER CLOSET	4"	1 1/4"	—	
P-2	WATER CLOSET	4"	1 1/4"	—	
P-3	URINAL	2"	3/4"	—	
P-4	LAVATORY	1 1/2"	1/2"	1/2"	
P-5	LAVATORY	1 1/2"	1/2"	1/2"	
P-6	LAVATORY	1 1/2"	1/2"	—	
P-7	COUNTERTOP LAVATORY	1 1/2"	1/2"	1/2"	
P-8	SHOWER	2	1/2"	1/2"	
P-9	SHOWER	2	1/2"	1/2"	
P-10	SHOWER	2	—	—	1/2 TEMPERED WATER
P-11	SHOWER CONTROL CABINET	—	3/4"	3/4"	
P-12	WASHER CONNECTION BOX	2"	3/4"	3/4"	
P-13	DRINKING FOUNTAIN	1 1/2"	1/2"	—	
P-14	ELECTRIC WATER COOLER	1 1/2"	1/2"	—	
P-15	SERVICE SINK	3"	1/2"	1/2"	
P-16	MIXING VALVE	—	1/2"	1/2"	
P-17	COUNTERTOP SINK	1 1/2"	1/2"	—	
P-18	COUNTERTOP SINK	1 1/2"	1/2"	1/2"	
P-19	COUNTERTOP SINK	1 1/2"	1/2"	1/2"	W/ DISPOSAL
P-20	COUNTERTOP SINK	1 1/2"	1/2"	1/2"	
P-21	DARK ROOM SINK	1 1/2"	(2) 1/2"	(2) 1/2"	
P-22	DARK ROOM SINK	1 1/2"	(2) 1/2"	(2) 1/2"	
P-23	POT SINK	(4)2 1/2"	(2) 3/4"	(2) 3/4"	
P-24	VEGETABLE SINK	(2) - 2"	(2) 3/4"	(1) 3/4"	W/ DISPOSAL
P-25	WASH FOUNTAIN	3"	3/4"	—	
P-26	CAN WASH FAUCET	—	3/4"	3/4"	
P-27	SERVICE SINK	3"	1/2"	—	
P-28	COUNTERTOP SINK	1 1/2"	1/2"	1/2"	

* SEE DRAIN SCHEDULE

DOMESTIC HOT WATER CIRCULATOR SCHEDULE

SYMBOL	GPM	HEAD	HP	RPM	VOLTAGE	PHASE
DC-1	4	7.0	1/40	3250	115	1
DC-2	2	8.5	1/40	3250	115	1

DRAIN SCHEDULE

SYMBOL	DESCRIPTION	WASTE SIZE	TOP SIZE	REMARKS
D-1	FLOOR DRAIN, UTILITY	3"	7" ROUND	W/ SEDIMENT BUCKET
D-2	FLOOR DRAIN, GENERAL	3"	7" X 7"	
D-3	SHOWER DRAIN	2"	5" X 5"	
D-4	SHOWER DRAIN	3"	5" X 9"	
D-5	TRENCH DRAIN	3"	24" X 48"	
D-6	TRENCH DRAIN	3"	24" X 36"	
D-7	CAN WASH DRAIN	3"	12" ROUND	W/ SEDIMENT BUCKET
D-8	FLOOR SINK	3"	12" X 12"	3/16" GRATE
D-9	FLOOR DRAIN	3"		1" RAISED RIM
D-10	TRENCH DRAIN	3"	6" X 36"	
D-11	FLOOR DRAIN	4"	13 3/4" SQUARE	W/ SEDIMENT BUCKET

KITCHEN EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	SERVICES W	C.W.	H.W.	GAS*	REMARKS
K-1	TILTING SKILLET	—	1/2"	—	—	
K-2	CONVECTION OVEN	—	—	—	(2)3/4"	
K-3	FRYER	—	—	—	1/2"	
K-4	TILTING KETTLE	—	1/2"	1/2"	—	
K-5	STEAMER	1 1/2"*	1/2"	1/2"	1/2"	
K-6	RANGE	—	—	—	1 1/4"	
K-7	INSTITUTIONAL UNIT	—	—	—	(3) 3/4" (1) 3/4" (1) 1/2"	
K-8	GAS RANGE	—	—	—	3/4"	
K-9	MILK DESPENSER	1/2"*	—	—	—	
K-10	ICE CREAM DESPENSER	1/2"*	—	—	—	
K-11	COLD FOOD TABLE	1"*	—	—	—	

* INDIRECT WASTE PIPED TO FLOOR SINK
** PROVIDE GAS COCK AT EACH ROUGH-IN

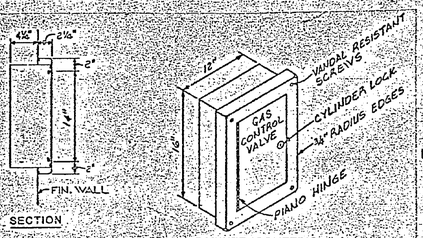
SCIENCE EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	SERVICES W	C.W.	H.W.	GAS*	REMARKS
S-1	INSTRUCTORS TABLE	1 1/2"	1/2"	—	1/2"	
S-2	PREPARATION SINK	1 1/2"	1/2"	1/2"	—	
S-3	CHEMISTRY TABLE	1 1/2"	(2) 1/2"	—	(2) 1/2"	
S-4	FUME HOOD	1 1/2"	1/2"	—	1/2"	

* PROVIDE GAS COCK AT EACH ROUGH-IN

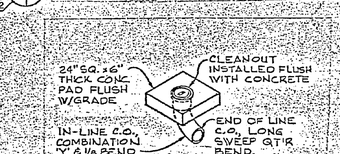
WATER HEATER SCHEDULE

SYMBOL	STORAGE CAPACITY	NO. OF ELEMENTS	ELEMENT WATTAGE	TOTAL CONN LOAD	ELECTRICAL VOLTAGE	PHASE	TEMP. SETTING	SERVICE AREA
WH-1	40	2	4500	4.5 KW	208 V	1	110°F	ADMIN. AREA
WH-2	52	3	4500	13.5 KW	480 V	3	110°F	DRK. RM. 2, SCIENCE RMS. 1 & 2
WH-3	40	2	4500	4.5 KW	208 V	1	110°F	SCIENCE RMS. 4 & 5
WH-4	12	1	1500	1.5 KW	120 V	1	110°F	TICKET/CONCES. BLDG.

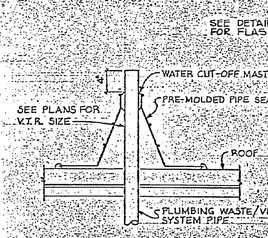


CABINET SPECIFICATIONS:
CABINET: 16 GA. GALVANIZED STEEL.
COVER & DOOR: 18 GA. STAINLESS STEEL, WELDED SEAMS, POLISHED TO NO. 4 MILL FINISH
HINGE: CONTINUOUS PIANO TYPE
LOCK: CYLINDER
DOOR LETTERING: 1" HIGH WHITE LETTERS ON BLACK BACK GROUND, SECURE TO DOOR W/S.S. RIVETS

B P-22 — CONTROL VALVE CABINET DETAIL
NO SCALE

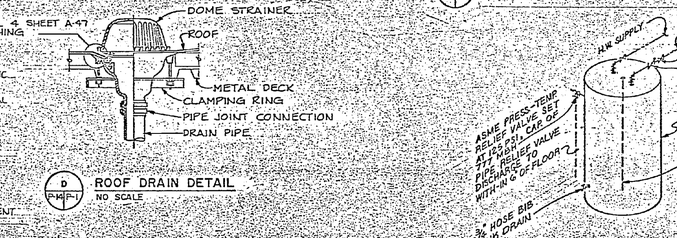


C P-23 — EXTERIOR CLEANOUT DETAIL
NO SCALE



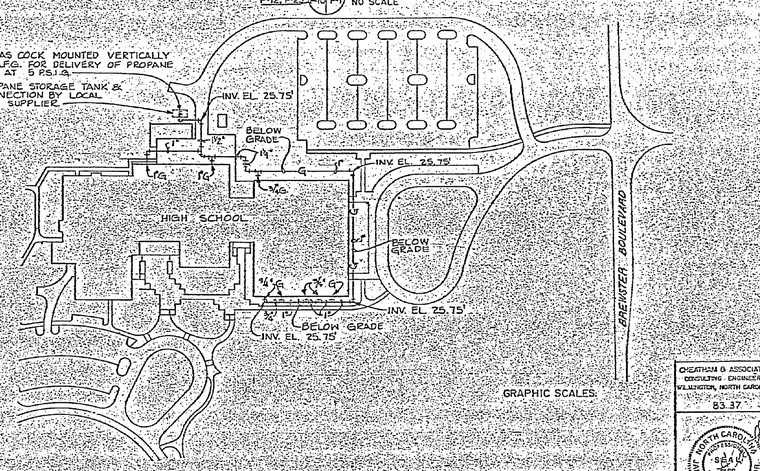
D P-14 — ROOF DRAIN DETAIL
NO SCALE

E A6/P-1 — VENT THRU ROOF DETAIL
NO SCALE
P-7 THRU P-12



F P-12, P-23 A10/P-1 — TYPICAL ELECTRIC WATER HEATER PIPING SCHEMATIC
NO SCALE

A P-7 P-1 — LAVATORY/HOSE BIBB ELEVATION
NO SCALE
P-11, P-12



PARTIAL SITE PLAN
SCALE: 1"=100'

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

LEGEND:

A		AIR PIPING
AC		ACETELYNE PIPING
O		OXYGEN (FUEL) PIPING
W		WASTE PIPING
AW	AR	ACID WASTE PIPING
V		VENT PIPING
AV		ACID VENT PIPING
RDL	R	ROOF DRAINAGE PIPING
C.W.		COLD WATER PIPING
H.W.		HOT WATER PIPING (120°F)
H.W.		HOT WATER PIPING (140°F)
H.W.R.		HOT WATER RETURN PIPING (120°F)
H.W.R.		HOT WATER RETURN PIPING (140°F)
G	G	GAS PIPING (PROPANE)
A	A	COMPRESSED AIR PIPING
	RV	RELIEF VALVE DISCHARGE PIPING
		GATE VALVE
		GLOBE VALVE
		CHECK VALVE
		GAS COCK
		GATE VALVE IN RISE
		PIPE ELBOW TURNED DOWN
		PIPE ELBOW TURNED UP
		PIPE TEE TURNED DOWN
		PIPE TEE TURNED UP
		UNION
V.T.R.		VENT THRU ROOF
C.I.		CAST IRON
C.		COPPER
C.O.		CLEANOUT
F.C.O.		FLOOR CLEANOUT (SCHEMATIC PLAN)
W.C.O.		WALL CLEANOUT (SCHEMATIC PLAN)
E.C.O.		EXTERIOR CLEANOUT (SCHEMATIC PLAN)
A.F.F.		ABOVE FINISHED FLOOR
A.F.G.		ABOVE FINISHED GRADE
FIN. FLR.		FINISHED FLOOR
EL.		ELEVATION
		SUPERVISED FIRE LINE SHUT-OFF VALVE
		SPRINKLER FLOW SWITCH
F		FIRE PROTECTION PIPING
HO		HYDRALIC OIL PIPING
FW		FLAMMABLE WASTE PIPING
FV		FLAMMABLE VENT PIPING
		SPRINKLER HEAD
		SOLENOID VALVE
W.H.		WALL HYDRANT
H.B.		HOSE BIBB
S.A.*		WATER HAMMER ARRESTOR, *LETTER INDICATES PLUMBING DRAINAGE INSTITUTE STANDARDS SIZE
R.D.		ROOF DRAIN
T		TEMPERATE DOMESTIC HOT WATER
		FLOOR DRAIN (FOUNDATION PLANS ONLY)
F.V.T.A.		FLAMMABLE VENT THRU ROOF
G		GAS MAIN IN PVC CONDUIT BELOW FLOOR

P-1

OVERMAN & ASSOCIATES CONSULTING ENGINEERS WILMINGTON, NORTH CAROLINA 83.37

BALLARD, McKIM & SAWYER-Architect POST OFFICE BOX 3607 WILMINGTON, NORTH CAROLINA ARCHITECTS & ENGINEERS

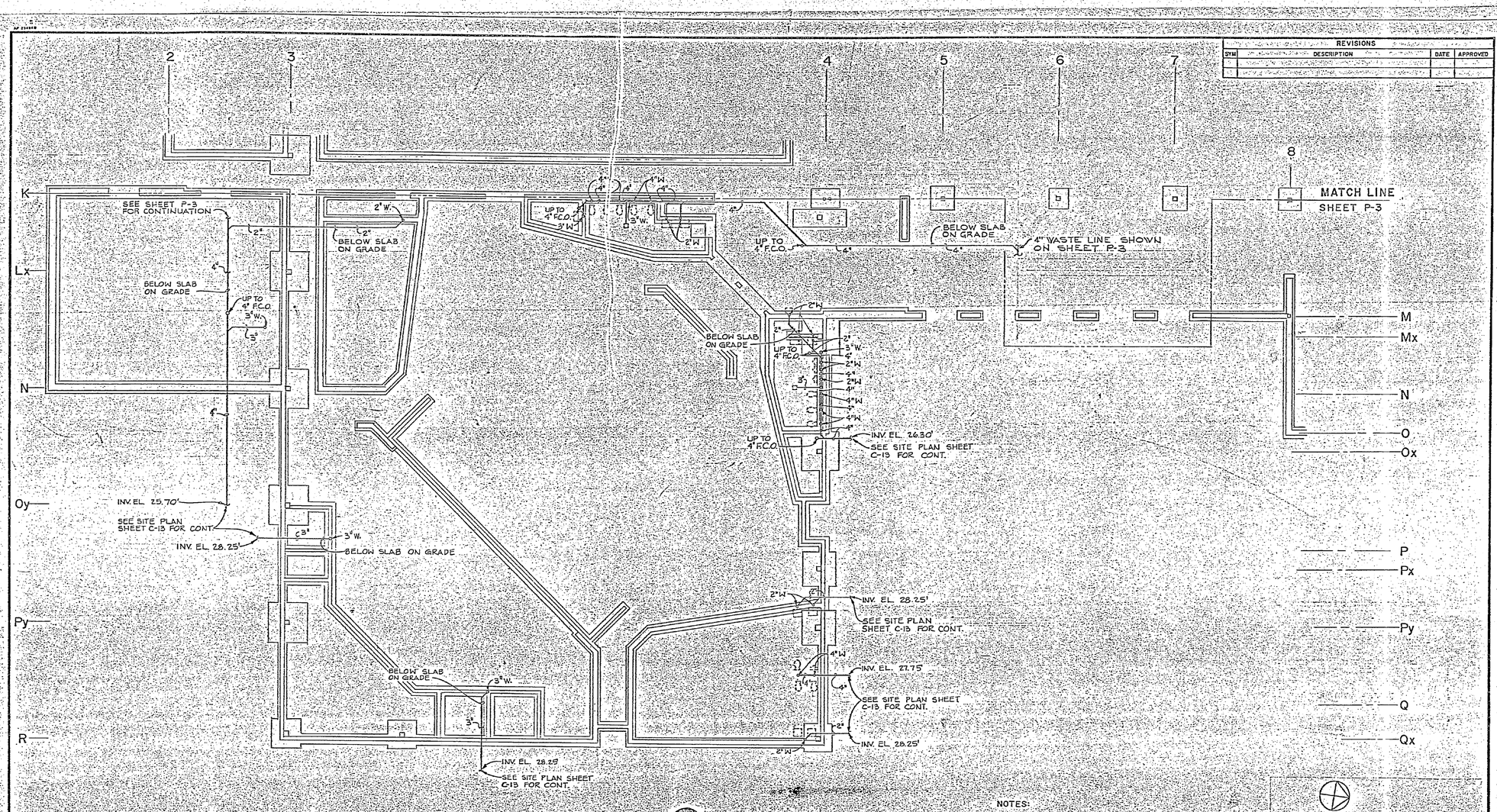
DEPARTMENT OF THE NAVY ATLANTIC DIVISION NAVAL FACILITIES ENGINEERING COMMAND NAVAL STATION NORFOLK, VIRGINIA

EFD DWG NO. 225873
JOB ORDER NO. SF 3412
STA. PROJ. NO. F-80091
DES. JGW DRAWN LAS/JEM
PROJ. MGR PLYNCH ARCH/ENGR JHC
EFD: RVD DP. PJS
SR. MGR. DES. ENGR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
DF SENDS DATE
FOR CO FOR COMMANDER NAVFAC

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
PLUMBING - SITE PLAN, LEGEND, SCHEDULES & DETAILS

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126873
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED | SPEC. NO. 05-87-7107
SHEET 113 OF 200
EFD DWG NO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

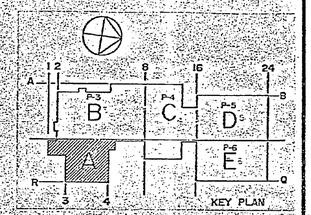


FOUNDATION PLUMBING PLAN - PART A (2)

SCALE: 1/8"=1'-0"

NOTES:

1. SEE SHEET P-15 FOR WASTE/VENT PIPING SCHEMATIC, THIS AREA.
2. SEE SHEET P-7 FOR PLUMBING PIPING ABOVE FLOOR SLAB, THIS AREA.
3. SEE SHEET P-7 FOR PLUMBING FIXTURES & DRAIN DESIGNATIONS THIS AREA.



GRAPHIC SCALE

12" 8" 4" 0 12"

SCALE: 1/8"=1'-0"

OAKLEY & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, NORTH CAROLINA
83-37

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL

BALLARD, McKIM & SAWYER-Architect
POST OFFICE BOX 3687
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO. 226874
JOB ORDER NO. SF 5412
STA. PROJ NO. F-549
DES. J.G.W. DRAWN J.B.F./E.M.
PROJ. MGR. PM/CH/LEACH/ENGR./HC
EFD: RVD P.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
FOR CO FOR CO/ENGR NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT H. HIGH SCHOOL
FOUNDATION PLUMBING PLAN-
PART A

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 4126874
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED | SPEC. 05-87-7107 | SHEET 114 OF 200
EFD DWG NO.

P-2

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

2 3 4 5 6 7 8 A B C D E F G H J L

5 SEE SITE PLAN SHEET C-16 FOR CONT.
SEE SERVICE YARD PLAN SHEET P-13 FOR CONT.

6 SEE SERVICE YARD PLAN SHEET P-13 FOR CONT.

7 SEE SITE PLAN SHEET C-16 FOR CONT.

8 MATCH LINE SHEET P-13

1½ GAS, 3" PVC CONDUIT ENCASEMENT

TO & FROM FLOOR PLAN SHEET P-2

¾ TYPE 'L' SOFT COPPER BELOW FLOOR SLAB

BELOW SLAB ON GRADE

UP TO 4" C.O.

UP TO 3" C.O.

UP TO 2" C.O.

UP TO 4" F.C.O.

UP TO 3" F.C.O.

BELOW SLAB ON GRADE

SEE SITE PLAN, SHEET C-13 FOR CONTINUATION WITHOUT AUDITORIUM. SEE FLOOR PLAN SHEET P-2 FOR CONTINUATION WITH AUDITORIUM.

FOUNDATION PLUMBING PLAN - PART B
SCALE: 1/8"=1'-0"

INV. EL. 23.70'

SEE SITE PLAN, SHEET C-13 FOR CONT

GRAPHIC SCALE
SCALE: 1/8"=1'-0"

MATCH LINE SHEET P-4

MATCH LINE SHEET P-2

KEY PLAN

GENERAL NOTES:

1. SEE SHEET P-16 FOR WASTE/VENT PIPING SCHEMATIC, THIS AREA.
2. SEE SHEET P-8 FOR PLUMBING PIPING ABOVE FLOOR SLAB, THIS AREA.
3. SEE SHEET P-18 & P-19 FOR WATER PIPING SCHEMATIC, THIS AREA.
4. SEE SHEET P-8 FOR PLUMBING FIXTURE & DRAIN DESIGNATIONS, THIS AREA.
5. SEE SHEET P-22 FOR GAS PIPING SCHEMATIC, THIS AREA.

CHEATHAM & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, NORTH CAROLINA
8337

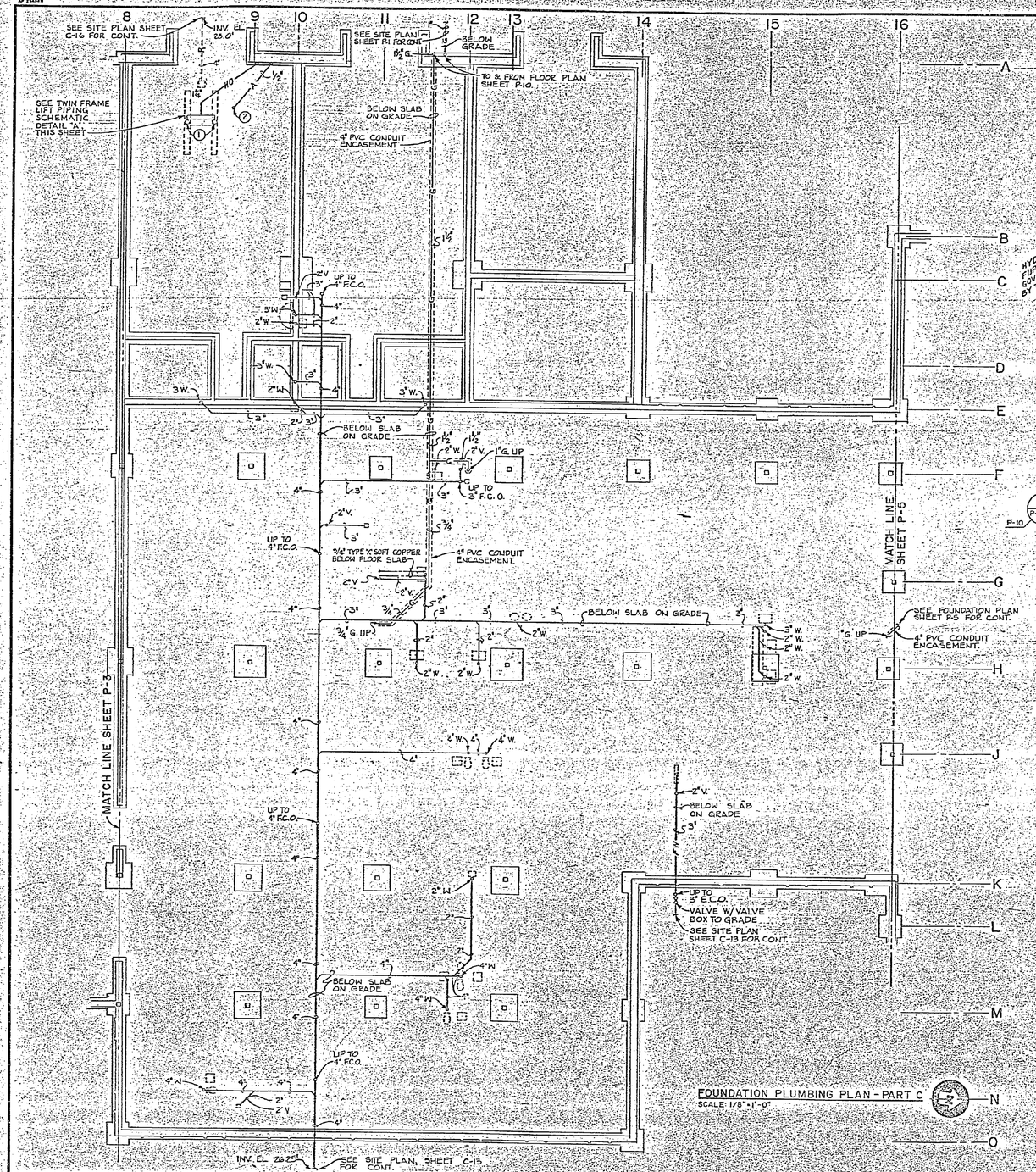
BALLARD, McKIM & SAWYER-Arch-Engr
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

EFD DWG NO. 226875
JOB ORDER NO. 5F3412
STA. PROJ NO. F-2417
DES. JGW DRAWN LAB/JEM
PROJ MGR/PM/CH ARCH/ENGR JHC
EFD: RVD FD
BR. MGR. DES. DIR. WD
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED APR 5 1971
CO. TR. VICE PRESIDENT

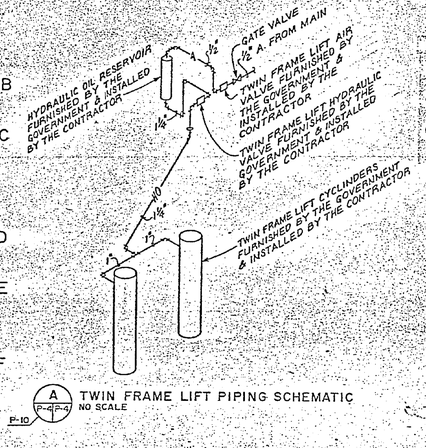
DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
FOUNDATION PLUMBING PLAN
PART B

SIZE F | CODE IDENT/NO. 80091 | NAVFAC DRAWING NO. 4126875
CONSTR. CONTR. NO. N62470-87-B-7107
SCALE AS NOTED | SPEC 05-87-7107 | SHEET 115 OF 200
EFD DWG NO.

P-3



FOUNDATION PLUMBING PLAN - PART C
SCALE: 1/8" = 1'-0"



A TWIN FRAME LIFT PIPING SCHEMATIC
NO SCALE

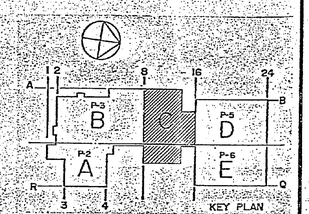
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

KEYED NOTES: (THIS SHEET ONLY)

1. GOVERNMENT FURNISHED AND CONTRACTOR INSTALLED TWIN FRAME LIFT.
2. 1/2" AIR UP TO TIRE CHANGER, SEE SHEET P-10 FOR EQUIPMENT.
3. 1 1/4" HYDRAULIC OIL LINE DOWN FROM CONTROL VALVE. SEE SHEET P-10 FOR CONTROL VALVE LOCATION.

GENERAL NOTES:

1. SEE SHEET P-15 FOR WASTE/VENT PIPING SCHEMATIC, THIS AREA.
2. SEE SHEET P-10 FOR PLUMBING PIPING ABOVE FLOOR SLAB, THIS AREA.
3. SEE SHEET P-19 FOR WATER PIPING SCHEMATIC, THIS AREA.
4. SEE SHEET P-10 FOR PLUMBING FIXTURE & DRAIN DESIGNATIONS, THIS AREA.
5. SEE SHEET P-22 FOR GAS PIPING SCHEMATICS, THIS AREA.



KEY PLAN

GRAPHIC SCALE
SCALE: 1/8" = 1'-0"

P-4

CHEATHAM & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, NORTH CAROLINA
83.37

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 4168 JAMES H. CHEATHAM, JR.

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
ARCHITECTS & ENGINEERS

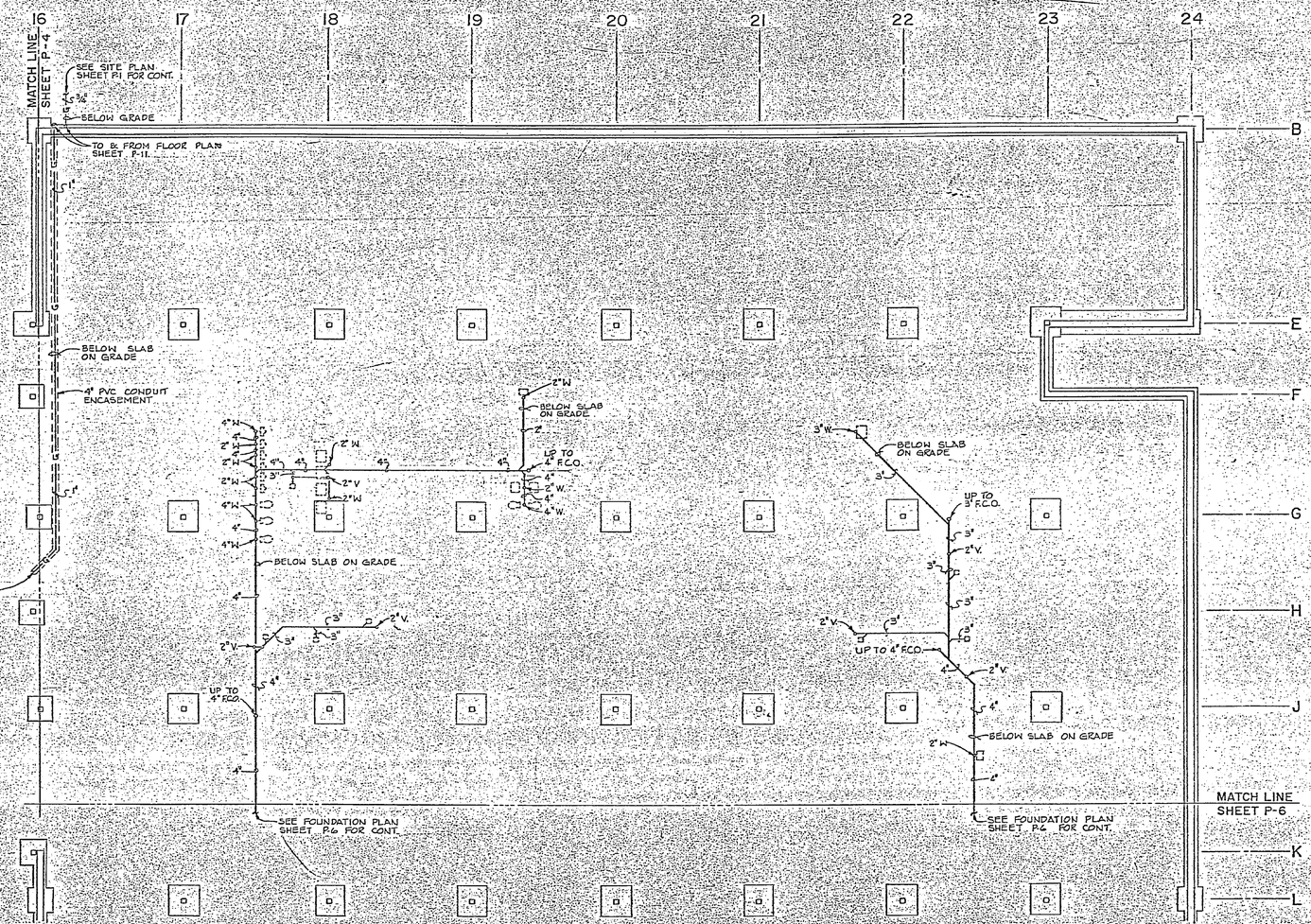
EFD DWG NO. 226876
JOB ORDER NO. SF3412
STA. PROJ. NO. F-648
DES. JGW - DRAWN LAB/JEM
PROJ. MGR. MPM/ARCH/ENGR JHC
EFD: RVD. F.P.
BR. MGR. DES. DIR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
FOUNDATION PLUMBING PLAN
PART C

SIZE F | CODE IDENT. NO. 80091 | NAVFAC DRAWING NO. 4126876
CONSTR. CONTR. NO. N62470-67-B-7107
SCALE 1/8" = 1'-0" | SPEC. 05-87-7107 | SHEET 116 OF 200
EFD DWG. NO.

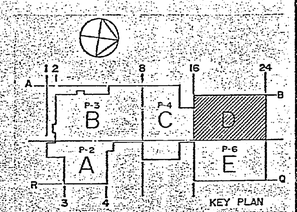
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



FOUNDATION PLUMBING PLAN - PART D
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. SEE SHEET P-17 FOR WASTE/VENT PIPING SCHEMATIC, THIS AREA.
2. SEE SHEET P-11 FOR PLUMBING PIPING ABOVE FLOOR SLAB, THIS AREA.
3. SEE SHEET P-11 FOR PLUMBING FIXTURE & DRAIN DESIGNATIONS, THIS AREA.
4. SEE SHEET P-22 FOR GAS PIPING SCHEMATICS, THIS AREA.



KEY PLAN

GRAPHIC SCALE
12' 8' 4' 0 12'
SCALE: 1/8" = 1'-0"

P-5

CHEATHAM & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, NORTH CAROLINA
83.37

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 12108 JAMES H. CHEATHAM, JR.

BALLARD, McKIM & SAWYER - Architect
POST OFFICE BOX 3667
WILMINGTON, NORTH CAROLINA
- ARCHITECTS & ENGINEERS

EFD DWG NO. 226877
JOB ORDER NO. SF 5412
STA. PROJ. NO. F-549
DES. J.G.W. DRAWN L.A.B./J.E.M.
PROJ. MGR. H.P.McKIM ARCH./ENGR. J.H.C.
EFD: RVD. F.P.
BR. MGR. DES. CHR.
APPROVED DATE
ACTIVITY - SATISFACTORY TO
APPROVED DATE
FOR EFD FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
DEPENDENT HIGH SCHOOL
FOUNDATION PLUMBING PLAN
PART D

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	4126877

CONSTR. CONTR. NO. N62470-87-B-7107
SCALE: AS NOTED SPEC. 05-87-7107 SHEET 117 OF 200
EFD DWG NO.