

CONSTRUCTION NOTES:

A. GENERAL

- CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
- SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEEL, MISCELLANEOUS IRON, PRE-CAST CONCRETE ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN. CHECK WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS, PIPE SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORINGS AND BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTION.

B. CONCRETE AND REINFORCEMENT

- ALL MATERIALS WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING CODE OF AMERICAN CONCRETE INSTITUTE (ACI-318).
- ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS WITH CORRESPONDING MAXIMUM SIZE AGGREGATE AND SLUMPS AS FOLLOWS

LOCATION	28 DAYS STRENGTH	MAX. SIZE AGGREGATE	MAX. SLUMP
CURBS AND SLAB ON GRADE, EXCEPT FOUND.	3000 PSI	1 in. (25 mm)	5 in. (125 mm)

FOUNDATION, COLUMNS & FOOTING TIE-BEAMS	3000 PSI	3/4 in. (19 mm)	4 in. (100 mm)
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ALL OTHERS INCLUDING SUSPENDED SLAB, AND SUSPENDED BEAMS	3000 PSI	3/4 in. (19 mm)	4 in. (100 mm)
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- REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 40 FOR #12 & SMALLER REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 FOR #16 & BIGGER
- IN GENERAL, THE LATEST EDITION OF ACI-318, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO UNLESS OTHERWISE SHOWN OR NOTED.
- MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS.

SUSPENDED SLABS	3/4 in. (19mm)
SLAB ON GRADE	1 1/2 in. (38mm)
WALLS ABOVE GRADE	1 in. (25mm)
BEAM STIRRUPS AND COLUMN TIES	1 1/2 in. (38mm)
WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS	2 in. (50mm)
WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	3 in. (75mm)

- SPICES SHALL BE SECURELY WIRED AND SHALL LAP OR EXTEND IN ACCORDANCE WITH TABLE 1 (TABLE OF LAP SPICE AND ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS. SPICES SHALL BE STAGGERED WHENEVER POSSIBLE.
- ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS, SHALL BE PROPERLY POSITIONED AND SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.

- CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, TOOLS, EQUIPMENTS AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.
- ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN (7) CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.

- STRIPPING OF FORMS AND SHORES REFER TO TECHNICAL SPECIFICATIONS
- MASONRY AND CONCRETE BLOCKS

- ALL-LOAD BEARING TYPE CONCRETE BLOCKS SHALL HAVE A UNIT WEIGHT NOT TO EXCEED 80 PCF FOR LOAD BEARING TYPE CONCRETE BLOCKS A MINIMUM COMPRESSIVE STRENGTH OF 6,900 MPA. SHALL BE DEVELOPED.
- PROVIDE 1-#16 VERTICAL BARS AT CORNERS, INTERSECTIONS, END OF WALLS, EACH SIDE OF OPENINGS.
- UNTEL BEAMS SHALL BEAR AT LEAST 8 INCHES (200 MM.) ON EACH SIDE OF MASONRY WALL OPENING.
- WALL REINFORCEMENTS SHALL BE AS FOLLOWS:

D. STEEL NOTES:

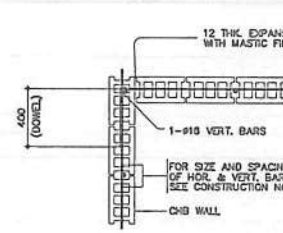
- ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO STD. REQUIREMENTS OF AISC FOR ASTM A36 STEEL
- ALL COLD FORMED STEEL SHAPES SHALL CONFORM TO STD. REQUIREMENTS OF AISI FOR AISI C334 SPOC/ ASTM A33
- ALL WELDS SHALL CONFORM WITH AWS STD.
- CONNECTORS BOLTS ASTM A325 AS SPECIFIED WELDS E70XX ELECTRODE

E. CAMBER REQUIREMENTS

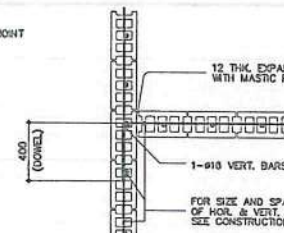
- UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS, CAMBER ALL R.C. BEAMS AT LEAST 10mm FOR EVERY 4000mm OF CLEAR SPAN EXCEPT CANTILEVERS WHICH SHALL BE 50mm FOR EVERY 3000mm OF CLEAR SPAN.
- UNLESS OTHERWISE NOTED IN PLANS OR SPECIFICATIONS, CAMBERS ALL SLABS 8mm PER 3000mm OF SHORTER SPAN AND 14mm. FOR EVERY 2000mm OF SLABS CANTILEVER SPAN.

F. FOUNDATION

- FOUNDATION IS DESIGNED BASED ON THE ASSUMPTION OF 100 KPA SOIL BEARING CAPACITY FOR FOOTING NOT LESS THAN 1.5M.
- FOUNDATION SHALL REST ON NATURAL SOIL, UNLESS OTHERWISE NOTED BY THE ENGINEER, NO PART OF THE FOUNDATION SHALL REST ON FILL.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER FOOTING EXCAVATION HAVE BEEN COMPLETED AND PRIOR TO CONCRETING TO CONFIRM THE DESIGN SOIL BEARING CAPACITY.
- THE CONTRACTOR SHALL HAVE THE SOLE RESPONSIBILITY TO DEVISE & IMPLEMENT EXCAVATION PROCEDURES THAT WILL ENSURE SAFETY OF LIFE

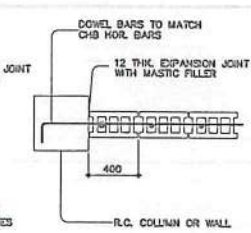


CORNER WALL

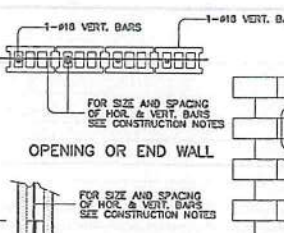


INTERSECTION WALL

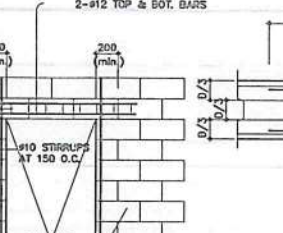
TYPICAL CONNECTION DETAIL OF MASONRY WALL



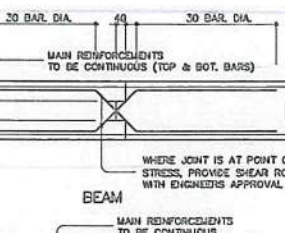
INTERSECTING R.C. COLUMN OR WALL



OPENING OR END WALL

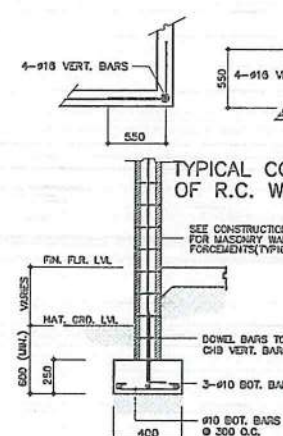


BEAM

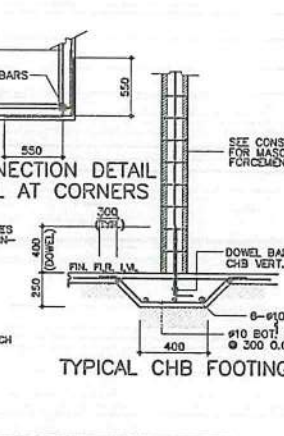


SLAB

TYPICAL SLAB AND BEAM CONSTRUCTION JOINT DETAIL



TYPICAL CONNECTION DETAIL OF R.C. WALL AT CORNERS



TYPICAL CHB FOOTING DETAILS (WHERE APPLICABLE)

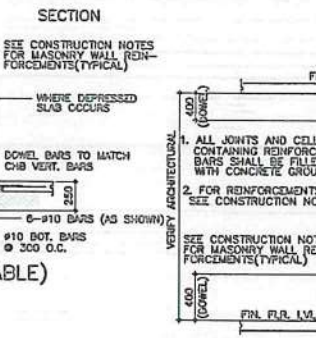
MATERIAL	psi	MPa	ACI 318-05
f _c	3,000	20.7	DEVT. & SPICE LENGTH
f _y	40,000	276	#16 & HIGHER
f _y	40,000	276	#12 & LOWER

NOTES:

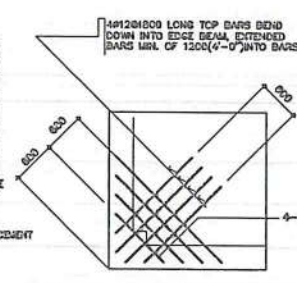
- YIELD STRESS OF HOOPS-40 KSI
- USE MAXIMUM COLUMN DIMENSION, 1/8 CLEAR HEIGHT OR 10" (400mm) WHICHEVER IS GREATER.
- NUMBER OF HOOP TIES SAME AS PER COLUMN TIES SCHEDULE.
- ALL CONCRETE REINFORCEMENT DETAIL SHOULD BE DONE IN ACCORDANCE WITH

THE #	10		STAIRUP		10		TENSION LAP SPICE (mm)	UNIT WT (kg/m)
	fy	40,000	fy	40,000	fy	40,000		
BAR #	ANCHORAGE L ₁₆₇₀ (mm)	L _{th} mm	STANDARD HOOK (mm)	BEAM COMP. SPICE (mm)	L _{th} mm	STAIRUP SPICE (mm)		
			90°	180°	133°	20°		
10	600	150	100	110	120-120	300		
12	600	150	200	120	130-130	300	300	0.816
16	700	310	280	130	160-160	470	310	0.958
20	970	390	320	160	200-200	550	810	1.378
25	1,210	490	400	200	250-250	730	700	2.480
28	1,370	540	460	250		820	1100	3.363
							1330	4.934

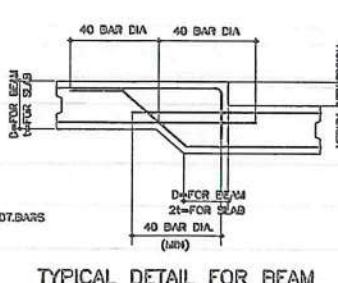
- DEVELOPMENT LENGTH OF INDIVIDUAL BARS WITHIN A BUNDLE IN TENSION OR IN COMPRESSION SHALL BE THAT FOR INDIVIDUAL BARS, INCREASED 20% FOR THREE-BUNDLE AND 33% FOR FOUR-BUNDLE BARS
- FOR COLUMNS AT ANY LEVEL, NO MORE THAN ALTERNATE BARS SHOULD BE SPICED, NOT MORE THAN 1/3 OF THE BARS SHALL BE SPICED WITHIN THE REQUIRED LAP LENGTH. MINIMUM DISTANCE BETWEEN THIS ADJACENT SPICES SHALL BE 600 mm.
- TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 300mm DEPTH OF CONCRETE CAST BELOW REINFORCEMENT
- LAP SPICE SHALL BE "CLASS" OF TENSION LAP SPICE IF MORE THAN ONE HALF OF THE BARS WERE SPICED AT ANY SECTION, WHILE "CLASS" A TENSION LAP SPICE IF HALF OR FEWER THAN HALF OF BARS WERE SPICED
- TOP BARS SPICE FOR BEAMS SHOULD BE "BEAM COMPRESSIVE SPICE" ± 1.5.



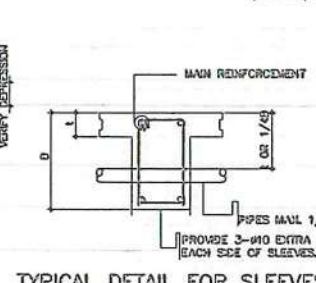
TYPICAL SECTION OF MASONRY PARTITION REINFORCEMENTS



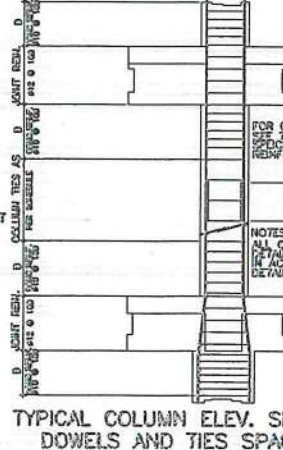
TYPICAL CORNER SLAB DETAIL



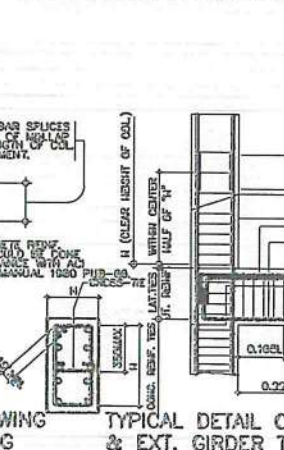
TYPICAL DETAIL FOR BEAM OR SLAB CHANGE SOFFIT



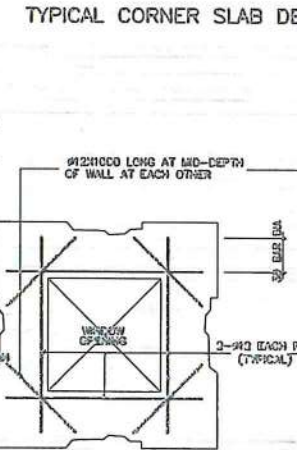
TYPICAL DETAIL FOR SLEEVES THRU CONCRETE BEAM



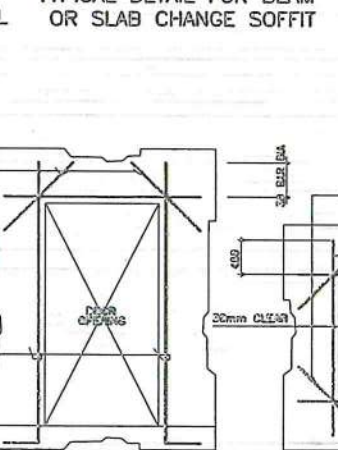
TYPICAL COLUMN ELEV. SHOWING DOWELS AND TIES SPACING



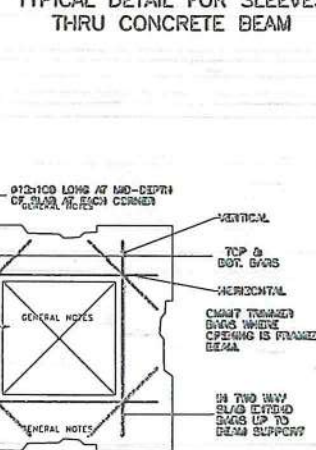
TYPICAL DETAIL OF COL. LAP SPICE & EXT. GIRDER TO COL. CONNECTION



TYPICAL DETAIL FOR BEAM OR SLAB CHANGE SOFFIT



TYPICAL DETAIL FOR SLEEVES THRU CONCRETE BEAM



TYPICAL DETAIL FOR SLEEVES THRU CONCRETE BEAM

ICAAP 2.jpg



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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DRAWN BY:	GOF
CHECKED BY:	JCCS
REVIEWED BY:	CJDC
	EJDR

REVIEWED BY:

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SUBMITTED BY:

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DEPARTMENT MANAGER III, AED-ADMS

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APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

NOTES / REVISIONS:

PROJECT TITLE:

IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

LOCATION:

BASCO AIRPORT
BASCO, BATANGAS

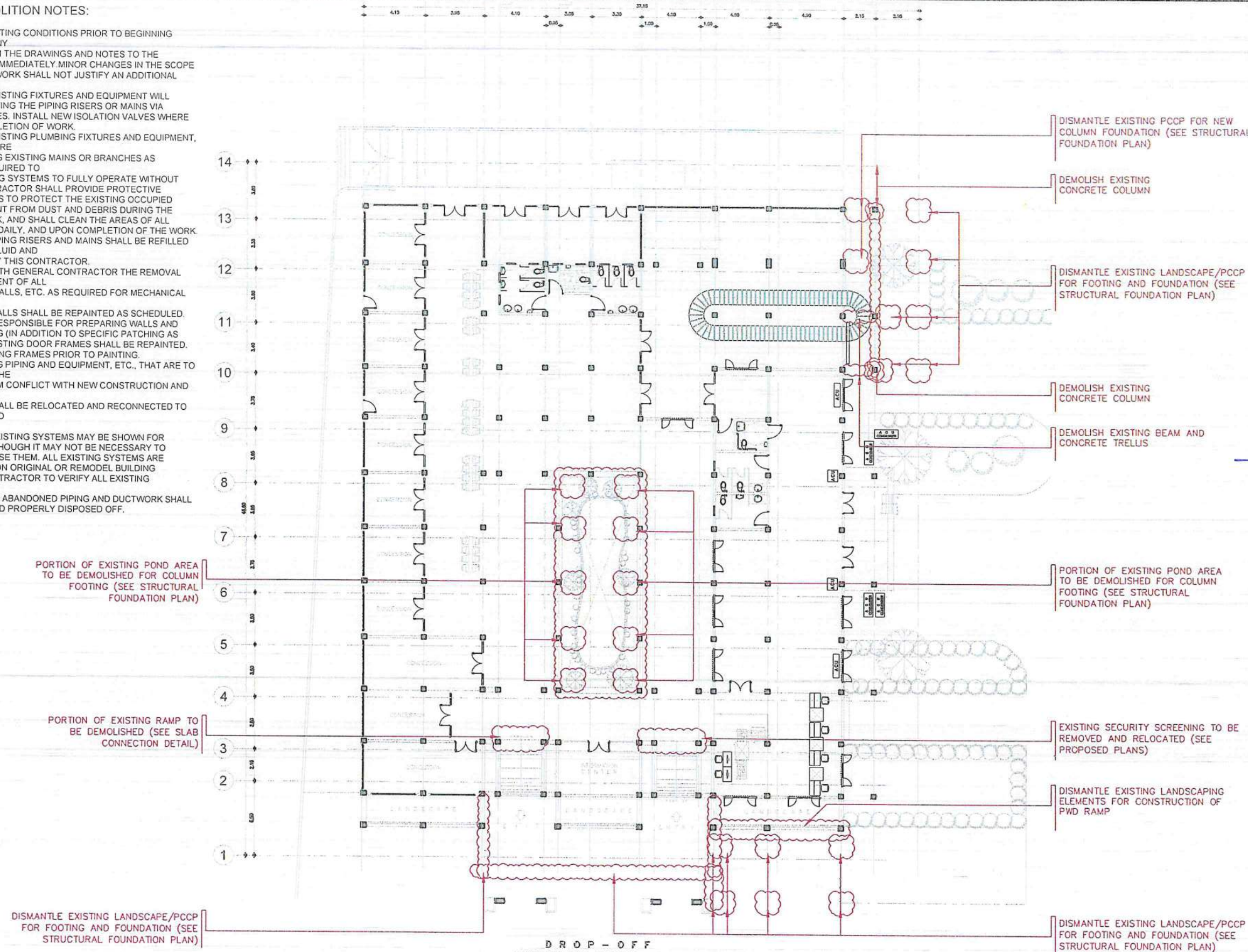
SHEET CONTENTS:

DRAWING SCALE: AS SHOWN

SHEET NO: S 001

GENERAL DEMOLITION NOTES:

1. VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. BRING ANY DISCREPANCIES FROM THE DRAWINGS AND NOTES TO THE PROJECT IN CHARGE IMMEDIATELY. MINOR CHANGES IN THE SCOPE OF THE DEMOLITION WORK SHALL NOT JUSTIFY AN ADDITIONAL COST.
2. REMOVAL OF EXISTING FIXTURES AND EQUIPMENT WILL REQUIRE ISOLATING THE PIPING RISERS OR MAINS VIA SHUT-OFF VALVES. INSTALL NEW ISOLATION VALVES WHERE REQUIRED FOR COMPLETION OF WORK.
3. REMOVAL OF EXISTING PLUMBING FIXTURES AND EQUIPMENT, ETC. WILL REQUIRE CAPPING AND SEALING EXISTING MAINS OR BRANCHES AS NECESSARY AND REQUIRED TO ALLOW THE REMAINING SYSTEMS TO FULLY OPERATE WITHOUT DEGRADATION. CONTRACTOR SHALL PROVIDE PROTECTIVE PLASTIC DROP CLOTHS TO PROTECT THE EXISTING OCCUPIED AREAS AND EQUIPMENT FROM DUST AND DEBRIS DURING THE CONSTRUCTION WORK, AND SHALL CLEAN THE AREAS OF ALL CONSTRUCTION DIRT DAILY, AND UPON COMPLETION OF THE WORK.
4. ALL DRAINED PIPING RISERS AND MAINS SHALL BE REFILLED WITH PROPER FLUID AND PROPERLY VENTED BY THIS CONTRACTOR.
5. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING CEILINGS, WALLS, ETC. AS REQUIRED FOR MECHANICAL DEMOLITION WORK.
6. ALL EXISTING WALLS SHALL BE REPAINTED AS SCHEDULED. CONTRACTOR RESPONSIBLE FOR PREPARING WALLS AND MINOR PATCHING (IN ADDITION TO SPECIFIC PATCHING AS NOTED). ALL EXISTING DOOR FRAMES SHALL BE REPAINTED. PREPARE EXISTING FRAMES PRIOR TO PAINTING.
7. WHERE EXISTING PIPING AND EQUIPMENT, ETC., THAT ARE TO BE UTILIZED IN THE COMPLETED PROGRAM CONFLICT WITH NEW CONSTRUCTION AND THE REQUIRED DEMOLITION, THEY SHALL BE RELOCATED AND RECONNECTED TO MAINTAIN THE DESIRED SERVICE.
8. PORTIONS OF EXISTING SYSTEMS MAY BE SHOWN FOR CLARITY EVEN THOUGH IT MAY NOT BE NECESSARY TO MODIFY OR REVISE THEM. ALL EXISTING SYSTEMS ARE SHOWN BASED ON ORIGINAL OR REMODEL BUILDING DRAWINGS. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS.
9. ALL ACCESSIBLE ABANDONED PIPING AND DUCTWORK SHALL BE REMOVED AND PROPERLY DISPOSED OFF.



1
S 02
DROP - OFF
STRUCTURAL WORKS
DEMOLITION PLAN
SCALE: 1:275M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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REVIEWED BY:
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APPROVED:
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DIRECTOR GENERAL

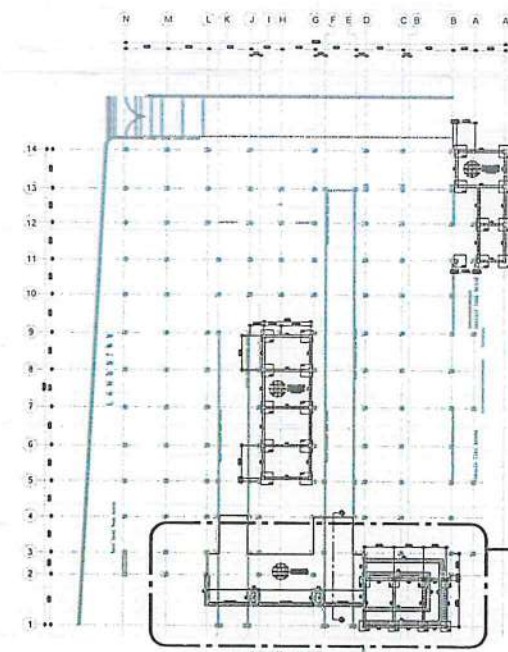
NOTES / REVISIONS:

PROJECT TITLE:
IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

LOCATION:
BASCO AIRPORT
BASCO, BATANGAS

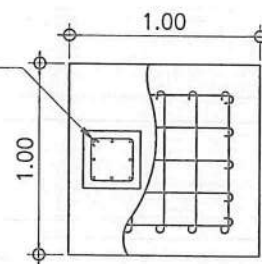
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AS SHOWN	S 002

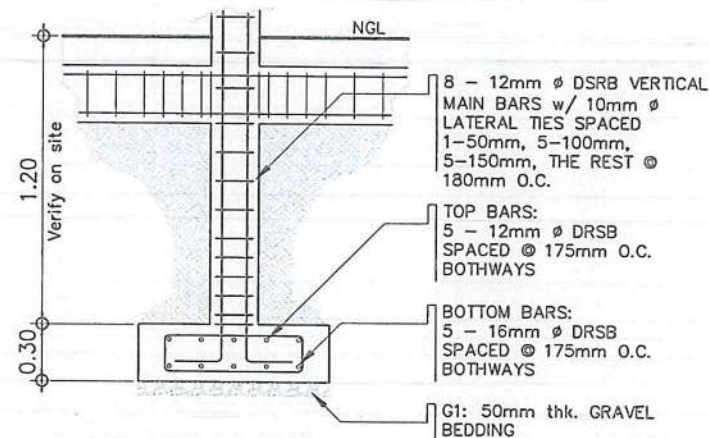


1
S 03
FOUNDATION PLAN
KEY PLAN
SCALE: 1:750M

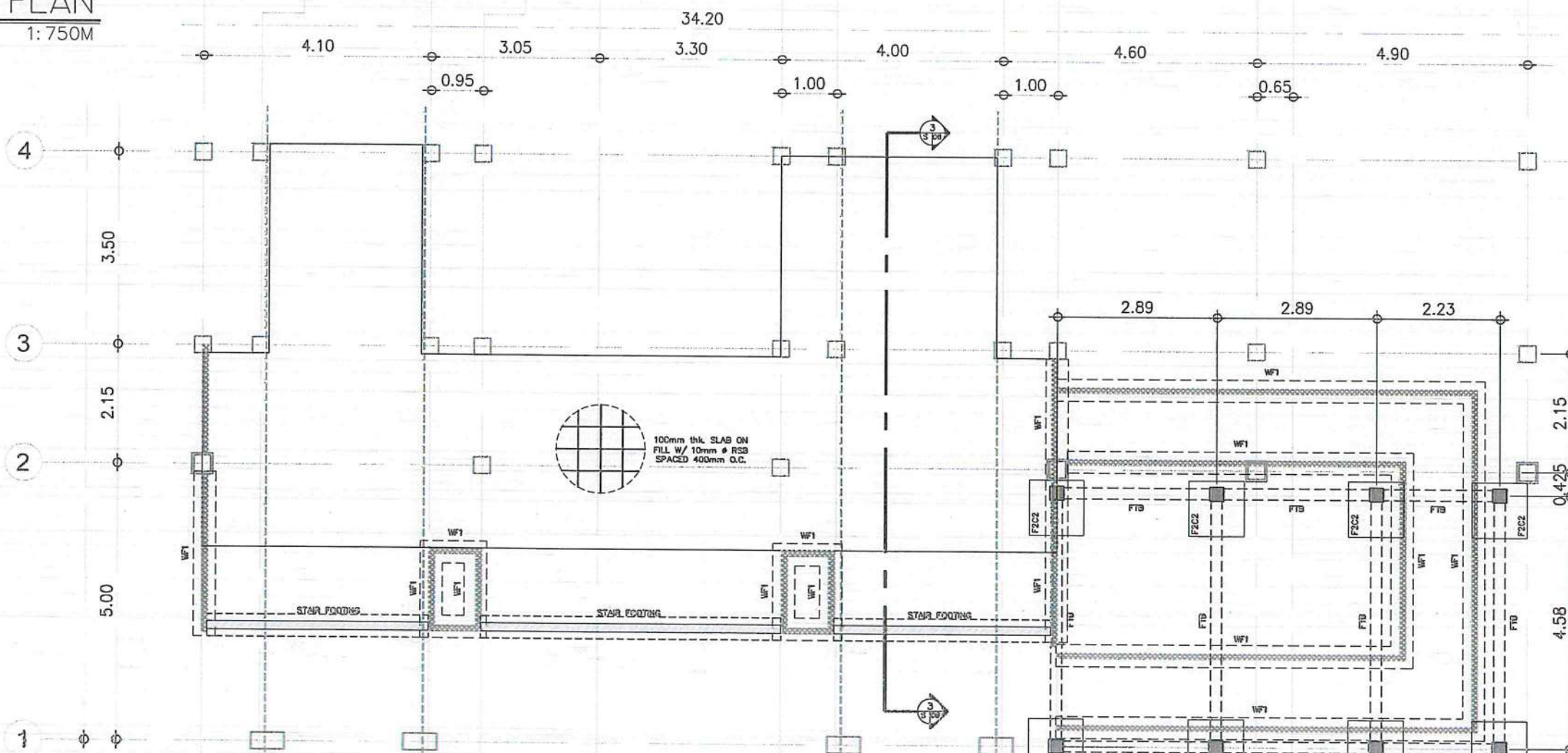
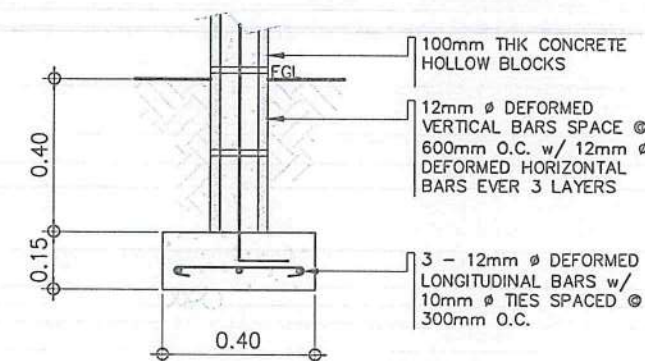
COLUMN: 250mm x 250mm
w/ 8 - 12mm ϕ DSRB
VERTICAL MAIN BARS AND
10mm ϕ TIES SPACED @
1-50mm, 3-100mm,
3-150mm, THE REST @
185mm O.C.



A
S 03
DETAIL OF 'F2/C2'
SCALE: 1:40M



B
S 03
DETAIL OF 'WF1'
SCALE: 1:20M



2
S 03
FOUNDATION PLAN 'A'
SCALE: 1:100M

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AERODROME DEVELOPMENT
AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT
AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDO
DRAWN BY:	GOF
CHECKED BY:	JCCS
	CJOC
	EJOUR

REVIEWED BY:

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APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

NOTES / REVISIONS:

PROJECT TITLE:

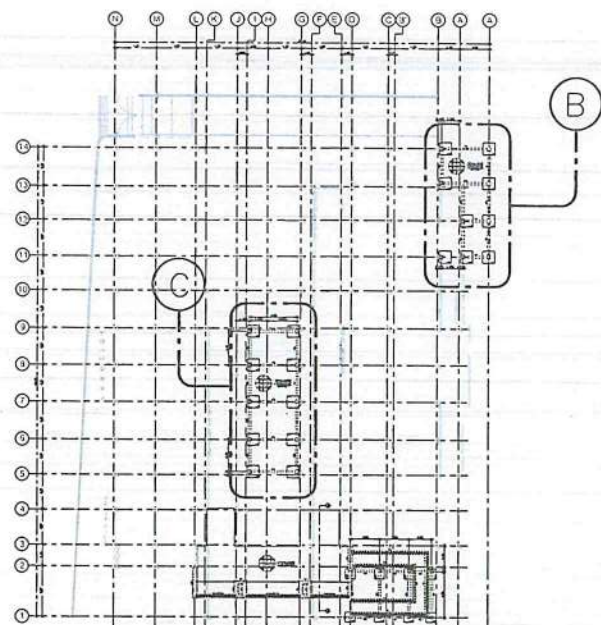
IMPROVEMENT/EXPANSION
OF PASSENGER TERMINAL
BUILDING

LOCATION:

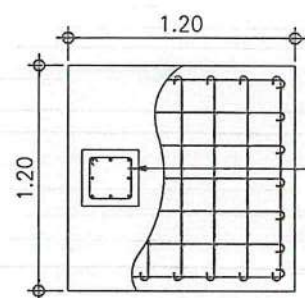
BASCO AIRPORT
BASCO, BATANES

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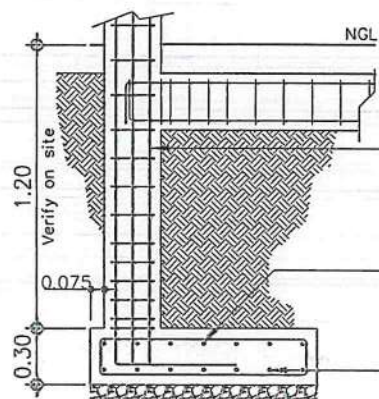
DRAWING SCALE:	SHEET NO.
AS SHOWN	S 003



1
S 04
FOUNDATION PLAN
KEY PLAN
SCALE: 1:750M



COLUMN: 300mm x 300mm
w/ 8 - 16mm ϕ DSRB
VERTICAL MAIN BARS AND
10mm ϕ LATERAL TIES
SPACED @ 1-50mm,
5-100mm, 5-150mm, THE
REST @ 180mm O.C.



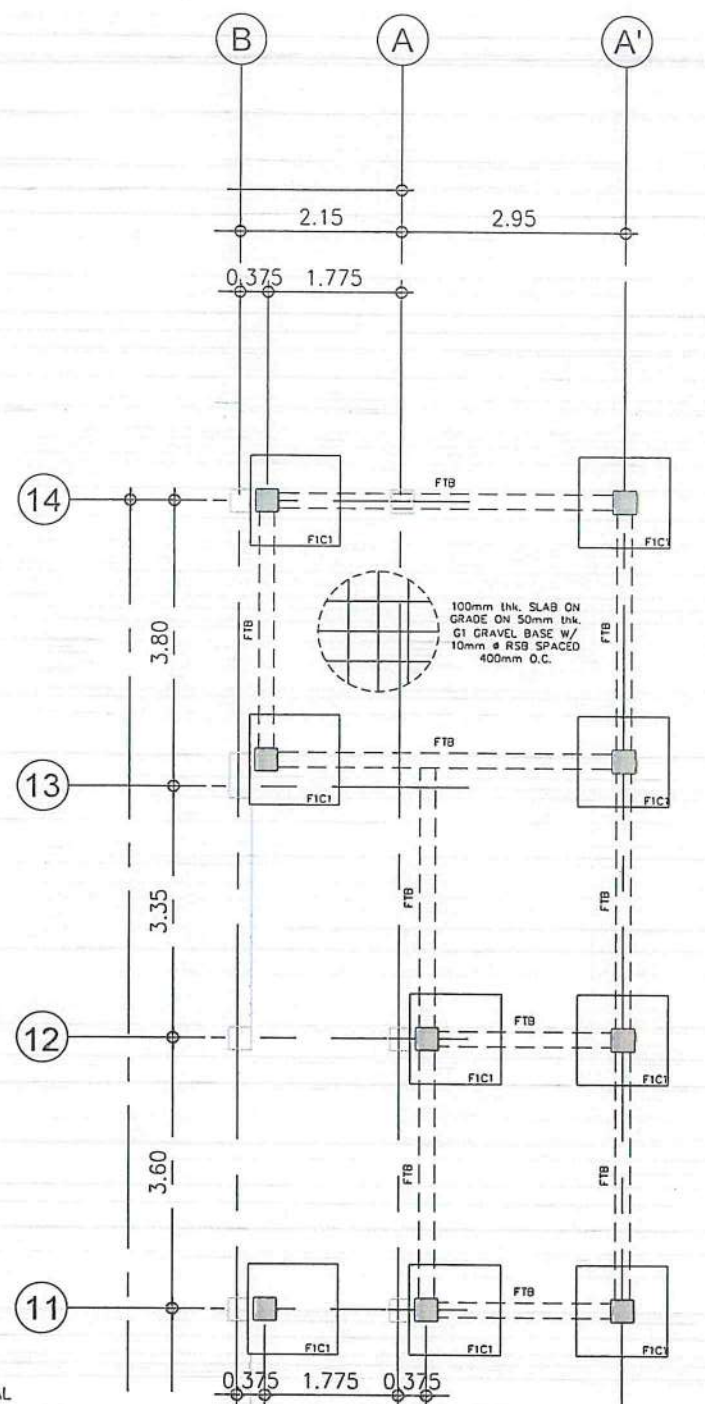
8 - 16mm ϕ DSRB VERTICAL
MAIN BARS w/ 10mm ϕ LATERAL
TIES SPACED 1 @ 50mm, 5 @
100mm, 5 @ 150mm, THE REST
@ 180mm O.C.

TOP BARS:
7 - 12mm ϕ DSRB
SPACED @ 175mm O.C.
BOTHWAYS

BOTTOM BARS:
7 - 16mm ϕ DSRB
SPACED @ 175mm O.C.
BOTHWAYS

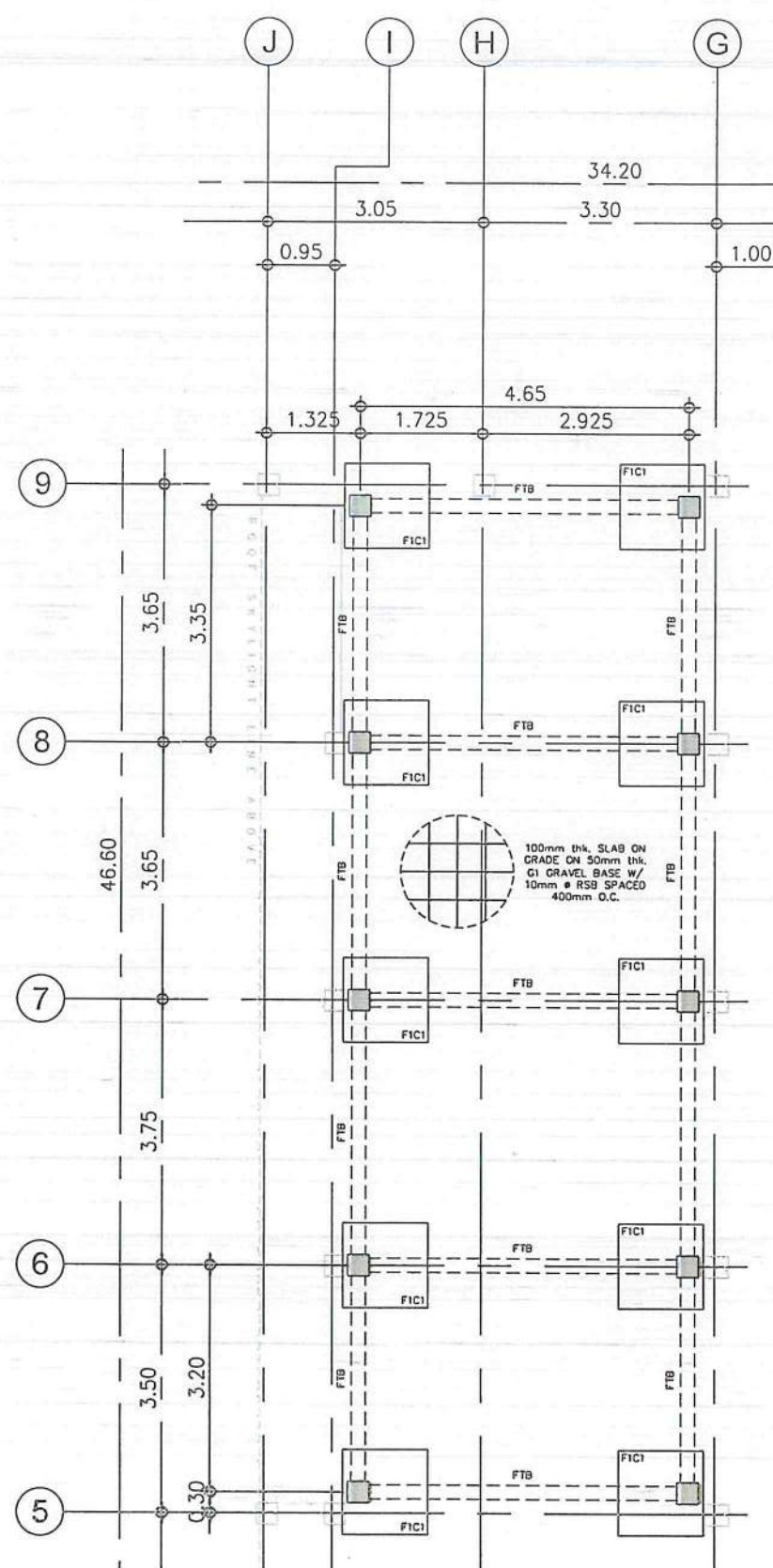
G1: 50mm thk. GRAVEL
BEDDING

A
S 04
DETAIL OF 'F1/C1'
SCALE: 1:40M



2
S 04
FOUNDATION PLAN 'B'
SCALE: 1:100M

NOTE: THE DEPTH OF THE EXISTING
FOUNDATION IS CURRENTLY
UNDETERMINED. THEREFORE, THE
DEPTH OF THE PROPOSED FOUNDATION
SHALL BE VERIFIED ON SITE



3
S 04
FOUNDATION PLAN 'C'
SCALE: 1:100M



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AERODROME DEVELOPMENT
AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT
AND DESIGN DIVISION

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DRAWN BY:	GOF
CHECKED BY:	JCCS
APPROVED BY:	CJDC
	EJDR

REVIEWED BY:

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SUBMITTED BY:

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NOTES / REVISIONS:

PROJECT TITLE:

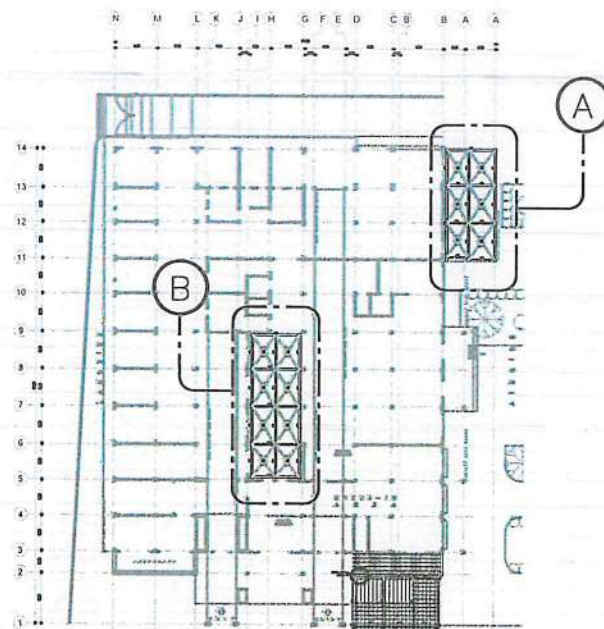
IMPROVEMENT/EXPANSION
OF PASSENGER TERMINAL
BUILDING

LOCATION:

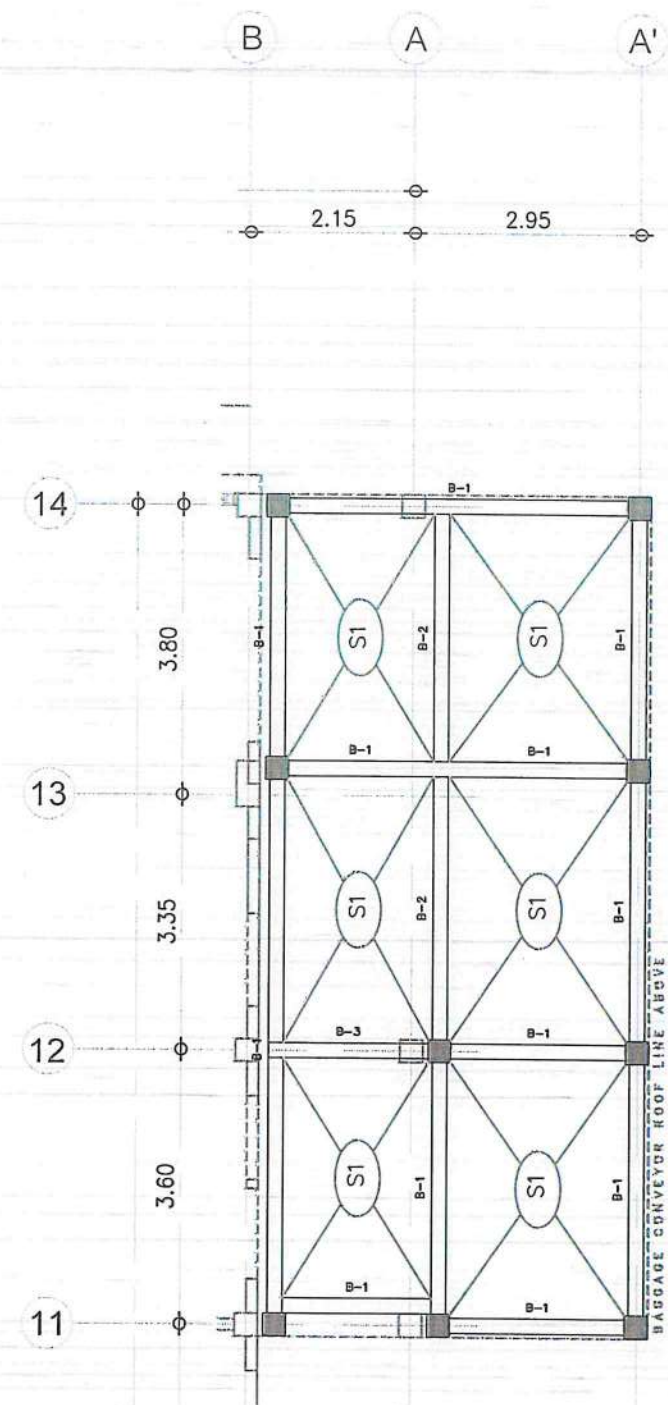
BASCO AIRPORT
BASCO, BATANES

SHEET CONTENTS:

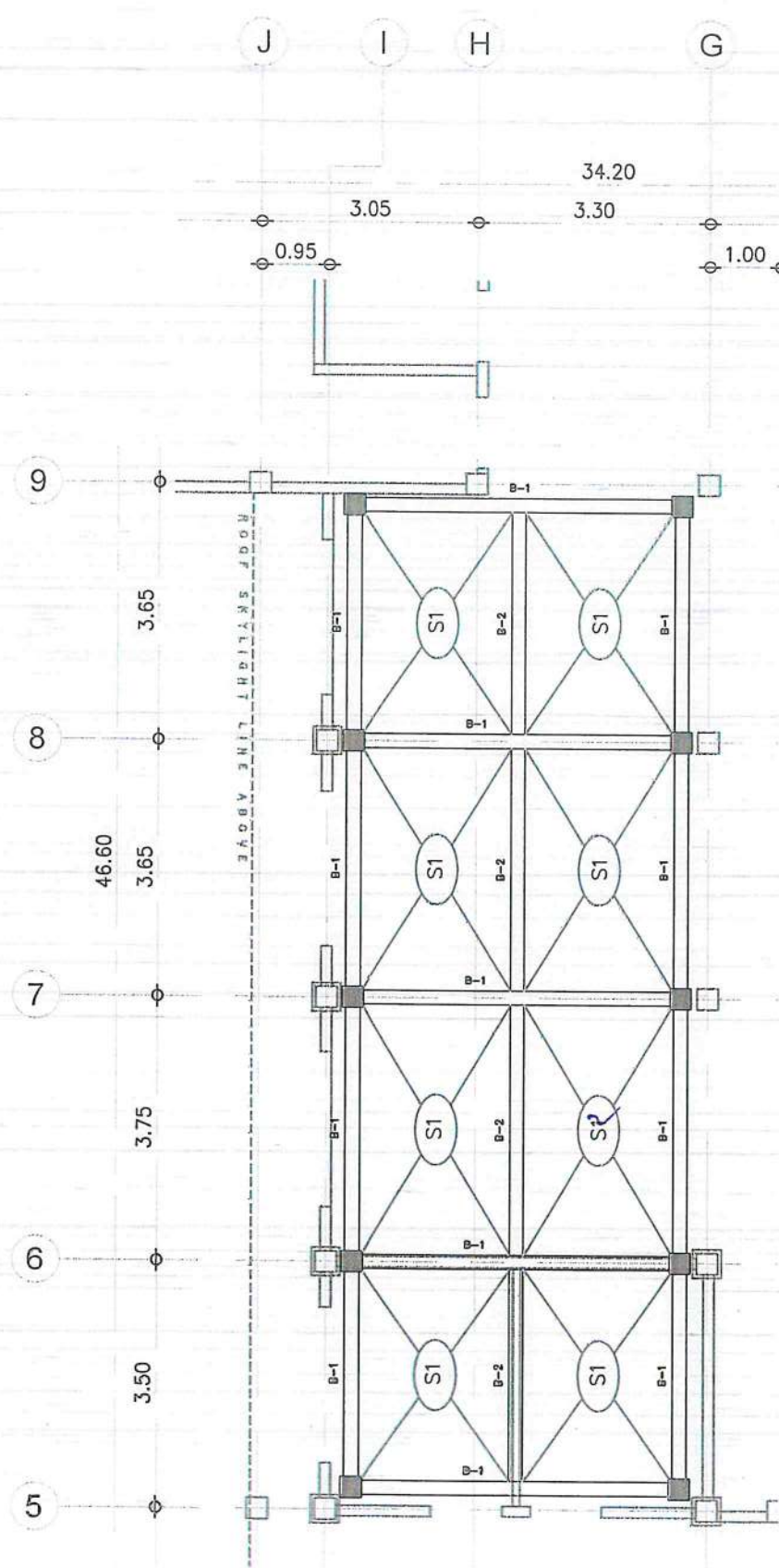
DRAWING SCALE:	SHEET NO.
AS SHOWN	S 004



1 ROOF FRAMING PLAN
KEY PLAN
SCALE: 1:750M



2 ROOF DECK FRAMING PLAN 'A'
SCALE: 1:100M



3 ROOF DECK FRAMING PLAN 'B'
SCALE: 1:100M

S2 -
Two wby
stop

 .CAAP 2.jpg CIVIL AVIATION AUTHORITY OF THE PHILIPPINES	
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	CJDC
	EJDR
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APPROVED:	
 CAPTAIN MANUEL ANTONIO L. TAMAYO DIRECTOR GENERAL	
NOTES / REVISIONS:	
PROJECT TITLE:	
IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING	
LOCATION:	
BASCO AIRPORT BASCO, BATANES	
SHEET CONTENTS:	
DRAWING SCALE:	
AS SHOWN	
SHEET NO:	
S 005	

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APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES / REVISIONS:

PROJECT TITLE:

IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

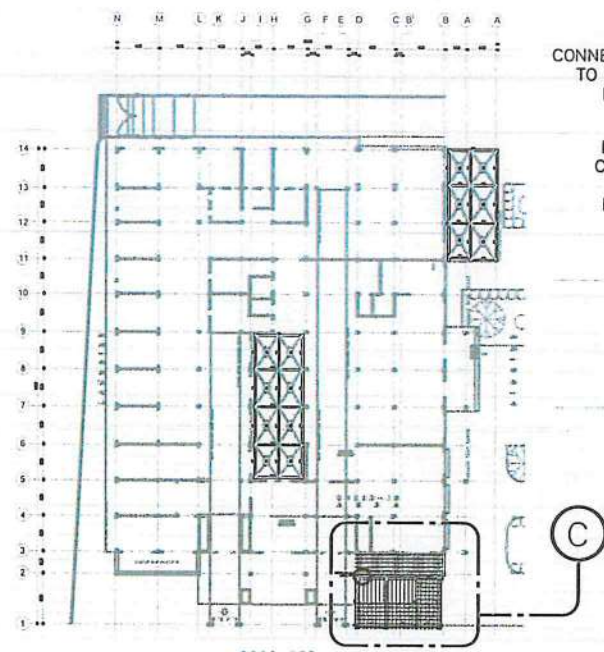
LOCATION:

BASCO AIRPORT
BASCO, BATANES

SHEET CONTENTS:

DRAWING SCALE: SHEET NO:

AS SHOWN S 006



1 ROOF FRAMING PLAN KEY PLAN
SCALE: 1:750M

CONNECT 10mm ϕ DSRB TO EXPOSED EXISTING REINFORCING BARS

DEMOLISH EXISTING CONCRETE SLAB TO EXPOSE EXISTING REINFORCING BARS

EL + 1.25M GRND FL. FF LN.
EL + 0.00M NCL

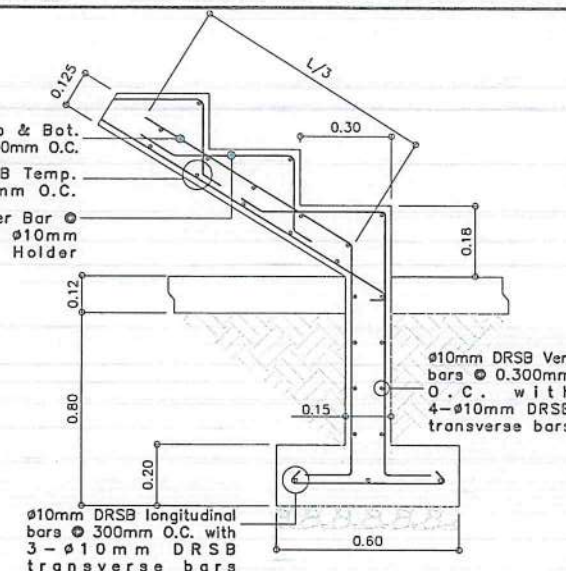
7.15

1.50

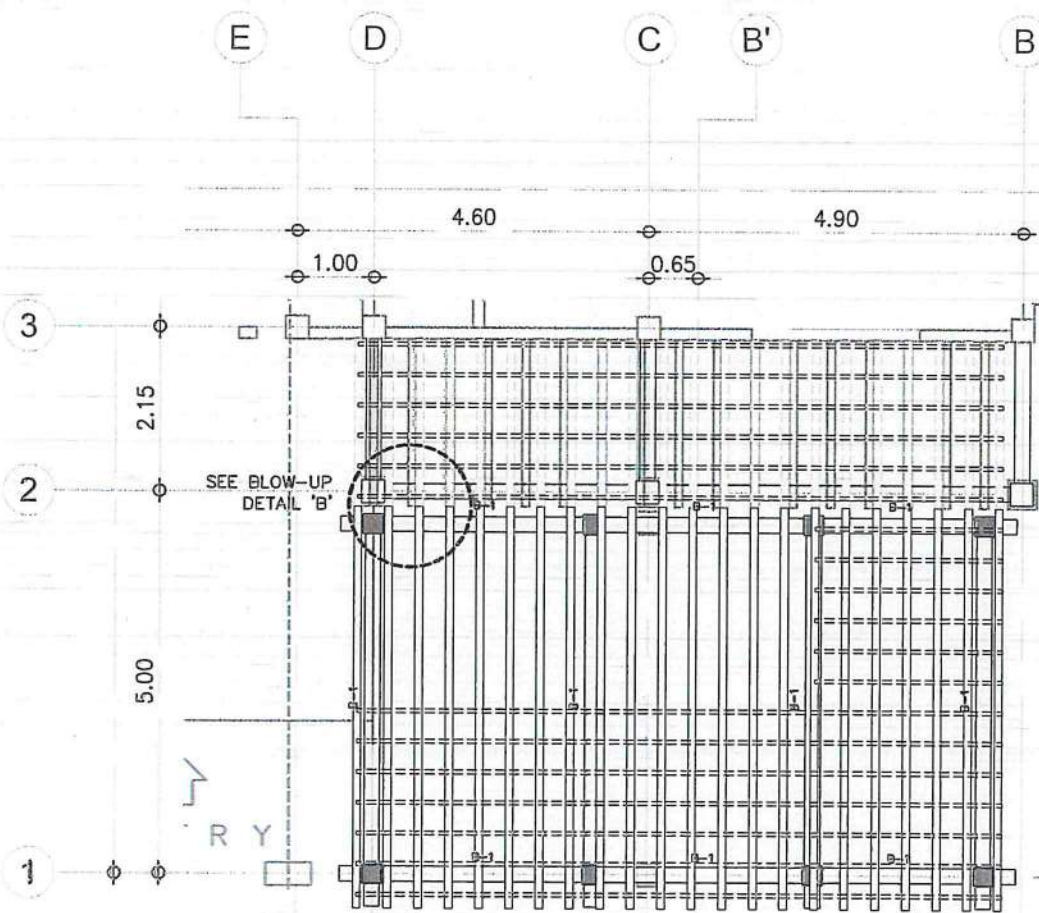
ϕ 10mm DRSB Top & Bot. Reinforcement ϕ 300mm O.C.
 ϕ 10mm DRSB Temp. Bar ϕ 300mm O.C.
 ϕ 10mm DRSB Riser Bar ϕ 300mm O.C. with ϕ 10mm DRSB Riser Bar Holder

DEMOLISH EXISTING CONCRETE SLAB FOR CONSTRUCTION OF STAIR FOOTING

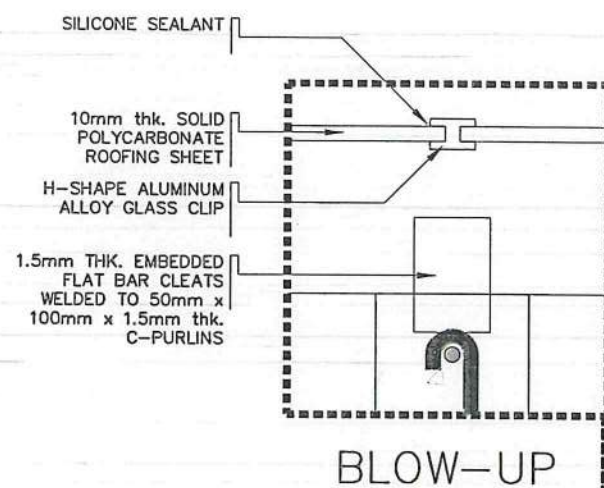
3 MAIN ENTRY BLOW UP DETAIL 'A'
SCALE: 1:75M



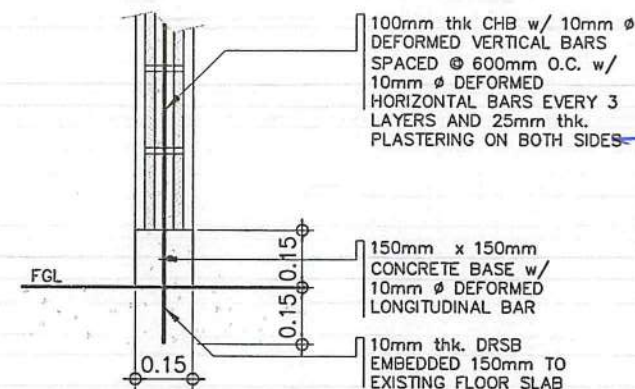
STAIR BLOW-UP



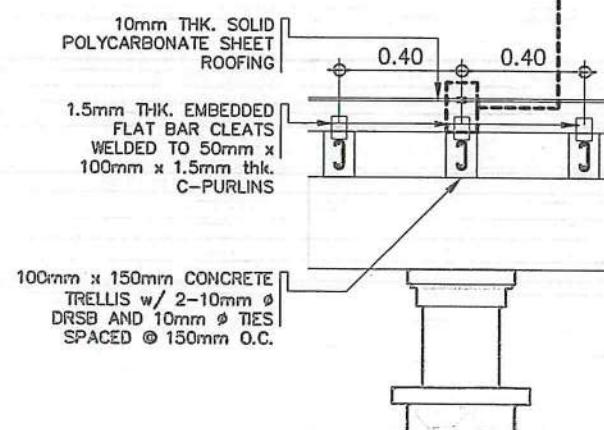
2 ROOF FRAMING PLAN 'C'
SCALE: 1:100M



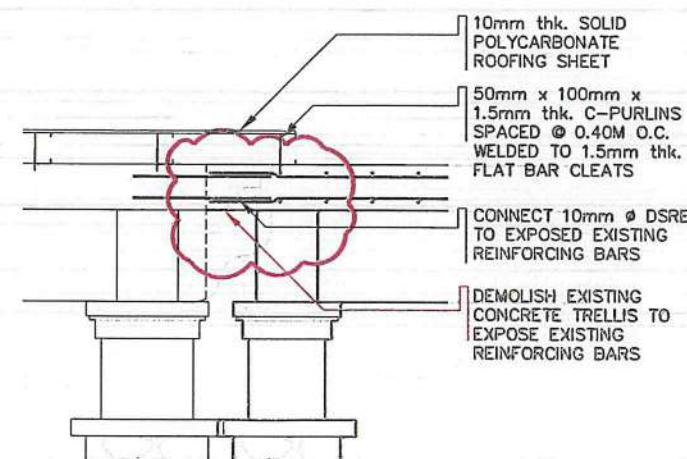
BLOW-UP



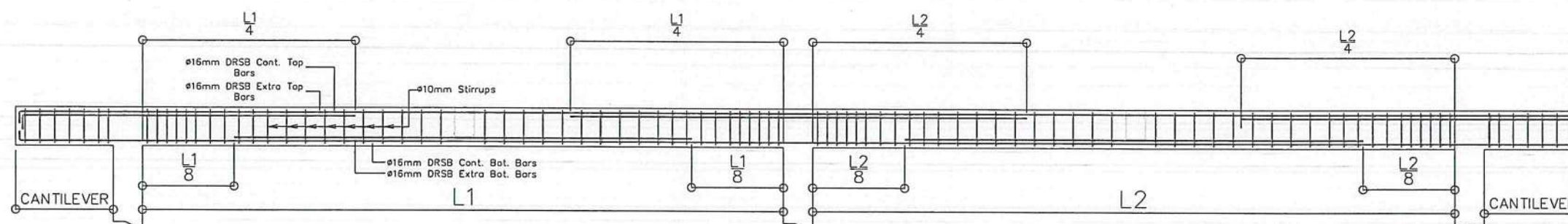
4 INTERIOR WALL CONNECTION BLOW-UP DETAIL
SCALE: 1:20M



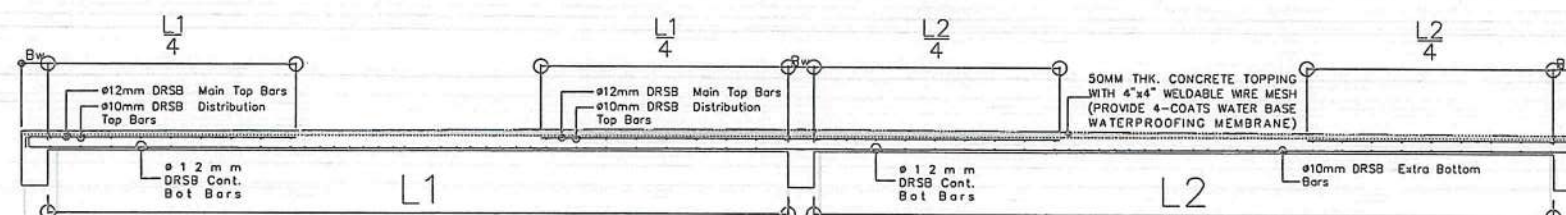
5 CONCRETE TRELLIS CONNECTION BLOW-UP DETAIL 'B'
SCALE: 1:25M



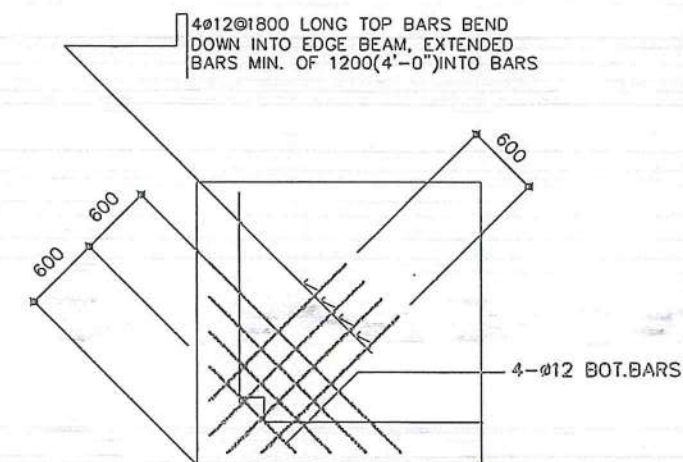
MARK	DIMENSION (MILLIMETERS)	BEAM SECTION						STIRRUPS (10mmØ DRSB)	LENGTH (METERS)	REMARKS
		LEFT	COUNT	MID	COUNT	RIGHT	COUNT			
FTB	200MMx300MM		2-12mmØ TOP BARS 2-12mmØ BOTTOM BARS		2-12mmØ TOP BARS 2-12mmØ BOTTOM BARS		2-12mmØ TOP BARS 2-12mmØ BOTTOM BARS	1 - 50mm, 3 - 100mm, 5 - 150mm, REST 200mm O.C. TIES: # 16 G.I. TIE WIRE	VARIES	
B-1	200MMx400MM		3-16mmØ TOP BARS 2-16mmØ BOTTOM BARS		3-16mmØ TOP BARS 2-16mmØ BOTTOM BARS		3-16mmØ TOP BARS 2-16mmØ BOTTOM BARS	1-50mm, 4-100mm, 6-150mm, REST 180mm O.C. TIES: # 16 G.I. TIE WIRE	VARIES	
B-2	200MMx300MM		3-12mmØ TOP BARS 2-12mmØ BOTTOM BARS		2-12mmØ TOP BARS 3-12mmØ BOTTOM BARS		3-12mmØ TOP BARS 2-12mmØ BOTTOM BARS	1-50mm, 4-100mm, 6-150mm, REST 180mm O.C. TIES: # 16 G.I. TIE WIRE	VARIES	
B-3	250MMx400MM		4-16mmØ TOP BARS 3-16mmØ BOTTOM BARS		3-16mmØ TOP BARS 4-16mmØ BOTTOM BARS		4-16mmØ TOP BARS 3-16mmØ BOTTOM BARS	1-50mm, 4-100mm, 6-150mm, REST 180mm O.C. TIES: # 16 G.I. TIE WIRE	7.00M	
SLAB		BOTTOM REINFORCEMENT				TOP REINFORCEMENT				
		ALONG SHORT SPAN		ALONG LONG SPAN		OVER LONG SUPPORT		OVER SHORT SUPPORT		
LABEL	TYPE	"T"	CONTINUOUS		CONTINUOUS		CONT. BARS	CUT BARS	DIST. BARS	
S-1	TWO-WAY	125	Ø12@200		Ø12@200		-	Ø12@200	Ø10@200	



1 TYPICAL BEAM SECTION
SCALE: NTS



2 TYPICAL SLAB SECTION
SCALE: NTS



TYPICAL CORNER SLAB DETAIL



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AERODROME DEVELOPMENT
AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT
AND DESIGN DIVISION

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CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

NOTES / REVISIONS:

PROJECT TITLE:
IMPROVEMENT/EXPANSION
OF PASSENGER TERMINAL
BUILDING

LOCATION:
BASCO AIRPORT
BASCO, BATANES

SHEET CONTENTS:

DRAWING SCALE: AS SHOWN
SHEET NO: S 007

GENERAL NOTES

- IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE FITTING, VALVE AND APPURTENANCE. ALL SUCH ITEMS WHETHER SPECIFICALLY MENTIONED OR NOT, OR INDICATED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED IF NECESSARY TO COMPLETE THE SYSTEM TO THE SATISFACTION OF THE OWNER.
- ALL PLUMBING WORKS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISION OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES, THE REQUIREMENTS OF THE LOCAL PLUMBING INSPECTION OFFICE, PERTINENT PROVISIONS OF THE UNIFORM BUILDING CODE AND THE NATIONAL BUILDING CODE OF THE PHILIPPINES.
- ALL PLUMBING INSTALLATIONS SHALL BE COORDINATED WITH OTHER TRADES. ANY REVISION IN THE PIPING LAYOUT REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF THE PROJECT ENGINEER.
- HORIZONTAL SANITARY SEWER PIPING SHALL BE RUN IN PRACTICAL ALIGNMENT AT A MINIMUM SLOPE OF 1% FOR PIPES 100MMØ AND LARGER AND 2% FOR 75MMØ AND SMALLER.
- ALL VENT PIPE SHALL BE FREE FROM DROPS OR SAGS AND SHALL BE SLOPED OR GRADED AS TO DRIP BACK BY GRAVITY TO THE DRAINAGE PIPE IT SERVES.
- ALL PLUMBING FIXTURES SHALL BE INDIVIDUALLY VENTED.
- ALL DIMENSIONS AND PIPE SIZES ARE IN MILLIMETERS EXCEPT OTHERWISE SHOWN. INDICATED METRIC EQUIVALENT USED ON THESE PLANS FOR PIPE SIZES:

1/2" = 15mm	2" = 50mm	6" = 150mm
3/4" = 20mm	2 1/2" = 65mm	8" = 200mm
1 1/4" = 32mm	3" = 75mm	10" = 250mm
1 1/2" = 40mm	4" = 100mm	12" = 300mm
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, SUCH AS, THE ACTUAL PIPE SIZES, LOCATIONS, DEPTHS, TOP AND INVERT ELEVATIONS OF ALL EXISTING PIPES AND RELATED STRUCTURES. THE CONTRACTOR SHALL PROVIDE THE NECESSARY EXCAVATIONS, BACKFILLING AND SURFACE RESTORATION OF THE AFFECTED AREAS IN THE LAYING OF SEWER, STORM DRAINAGE AND SUPPLY LINES.
- CONDENSATE DRAINAGE SYSTEM FOR AIRCONDITIONING EQUIPMENT INCLUDING PIPINGS, FITTINGS, SUPPORTS, ALL REQUIRED ACCESSORIES AND TAPPING PINTS SHALL BE PART OF MECHANICAL WORKS.
- PROVIDE VALVE BOX FOR EACH EMBEDDED GATE VALVE.
- THE SIZES OF WATER SUPPLY FIXTURES SHALL BE IN ACCORDANCE THE MANUFACTURER'S INSTRUCTIONS

MATERIAL SPECIFICATIONS

COLD WATER LINE

- SHALL BE POLYPROPYLENE RANDOM (TYPE 3) PN 20; HIGH RESISTANCE TO PRESSURE AN TEMPERATURE, CONFORMING TO EN ISO 15874, SIMILAR TO GEORGE FISCHER, NELTEX, UNITEC PP-R PIPE OR APPROVED EQUIVALENT

SOIL, WASTE AND VENT LINES

- SHALL BE UNPLASTICIZED POLYVINYL CHLORIDE (uPVC) PIPE CONFORMING TO ASTM D2729, SIMILAR TO NELTEX, MOLDEX OR EMERALD SERIES 1000 uPVC OR APPROVED EQUAL.

DOWNSPOUTS AND DRAINAGE LINE (INSIDE AND OUTSIDE OF BUILDING)

- SHALL BE UNPLASTICIZED POLYVINYL CHLORIDE (uPVC) PIPE AND FITTINGS FOR 10
- 100mmØ AND SMALLER CONFORMING TO ASTM D2729, SIMILAR TO NELTEX, MOLDEX OR EMERALD SERIES 1000 uPVC OR APPROVED EQUIVALENT.
- SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) PIPE AND FITTINGSS FOR 300mmØ AND LARGER, PE 3408 SDR 17 CONFORMING TO ASTM D3350, ASTM F714, AND ASTM D3261

PLUMBING LEGEND AND SYMBOLS

---	COLD WATERLINE	CWDF	COLD WATER DOWN FEED	LAV	LAVATORY
—	SOIL PIPE/ WASTE PIPE	BS	BIDET SPRAY	PD	PLANTER'S DRAIN
—	VENT PIPE	CWR	COLD WATER RISER	RD	ROOF DRAIN
---	END CAP	DD	DECK DRAIN	RED	REDUCER
—	FLOOR CLEANOUT	DP	DRAIN PIPE	SHO	SHOWER HEAD
—	GROUND CLEANOUT	DS	DOWNSPOUT	SP	SOIL PIPE
+	GATE VALVE	EPDR/L	ELEVATOR PIT PIPE DISCHARGE RISER/LINE	SS	SLOP SINK
+	CHECK VALVE	FD	FLOOR DRAIN	UR	URINAL
+	WATER METER	GD	GUTTER DRAIN	VS	VENT STACK
+	INCREASER/ REDUCER	GT	GREASE TRAP	VSTD	VENT STACK THRU DECK
CB/AD	CATCH BASIN/ AREA DRAIN	HB	HOSE BIBB	VSTR	VENT STACK THRU ROOF
ST	SEPTIC TANK	KLAV	KID'S LAVATORY	VSTW	VENT STACK THRU WALL
AAV	AIR ADMITTANCE VALVE	KS	KITCHEN SINK	WC	WATER CLOSET
CSWS	COMBINED SOIL AND WASTE STACK	KUR	KID'S URINAL	WP	WASTE PIPE

EQUIVALENT PIPE SIZE FOR WATER PIPES

NOMINAL PIPE SIZE DIAMETER	PIPE SIZES IN MILLIMETERS (mm)							
	15	20	25	32	40	50	63	75
POLYPROPYLENE RANDOM (PPR)	20	25	32	40	50	63	75	100
UNPLASTICIZED POLYVINYL CHLORIDE (uPVC)	15	19	25	32	40	50	65	80

PLUMBING FIXTURE CONNECTION SCHEDULE

DESCRIPTION	SYMBOL	WATER SUPPLY PIPE SIZE (mm)	SOIL/ WASTE PIPE SIZE (mm)	TRAP SIZE (mm)
KITCHEN SINK	KS	15	50	38
LAVATORY	LAV	15	50	38
SERVICE SINK/ SLOP SINK	SSK/SS	15	75	50
SHOWER	SHO	15	50	50
URINAL	UR	20	50	INTEGRAL
WATER CLOSET (FLUSH TANK)	WC	15	100	INTEGRAL
WATER CLOSET (FLUSH VALVE)	WC	32	100	INTEGRAL



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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 CHECKED BY: CJC
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NOTES / REVISIONS:

PROJECT TITLE:
 IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

LOCATION:
 BASCO AIRPORT
 BASCO, BATANES

SHEET CONTENTS:
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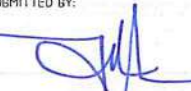
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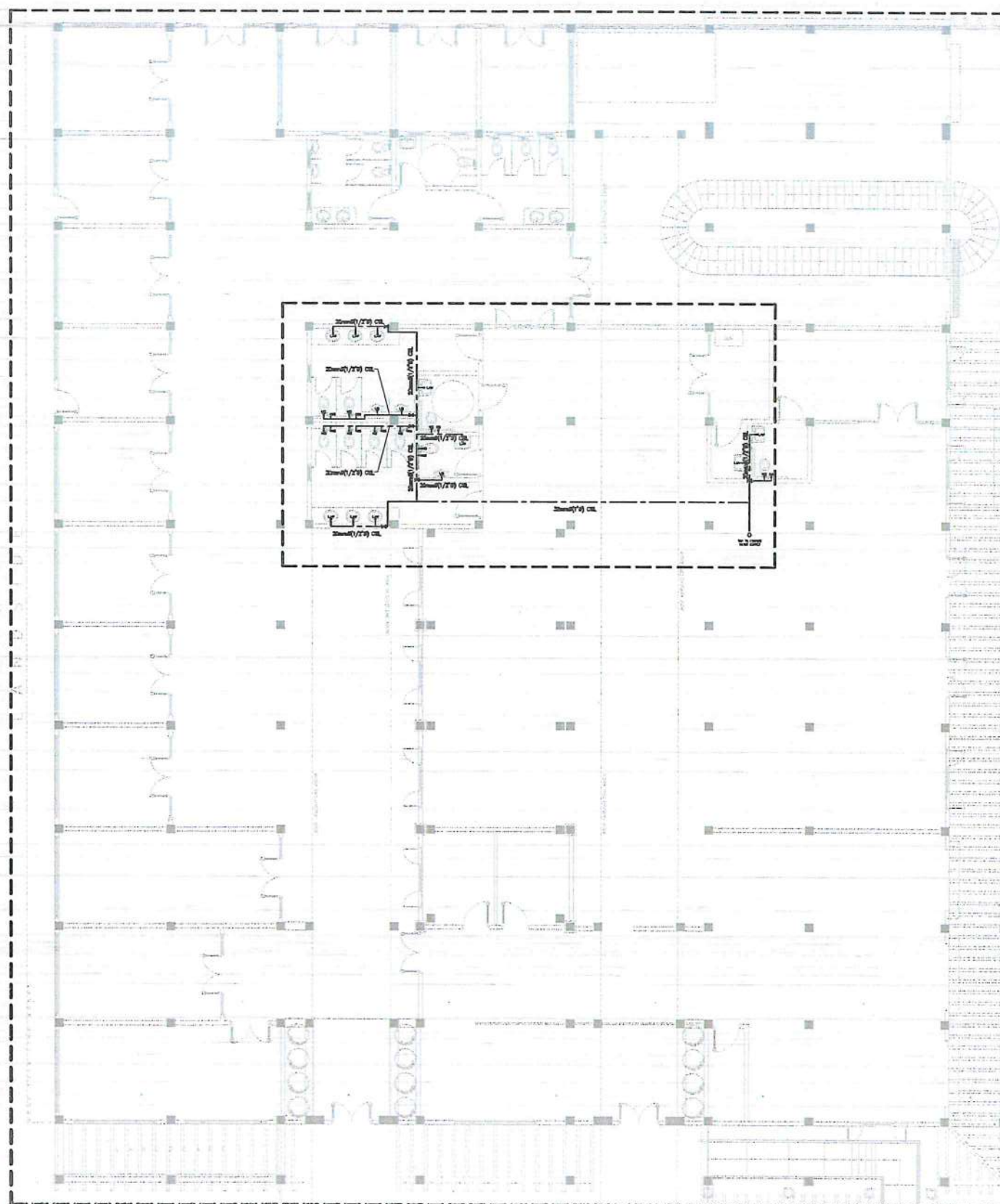
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BASCO, BATANES

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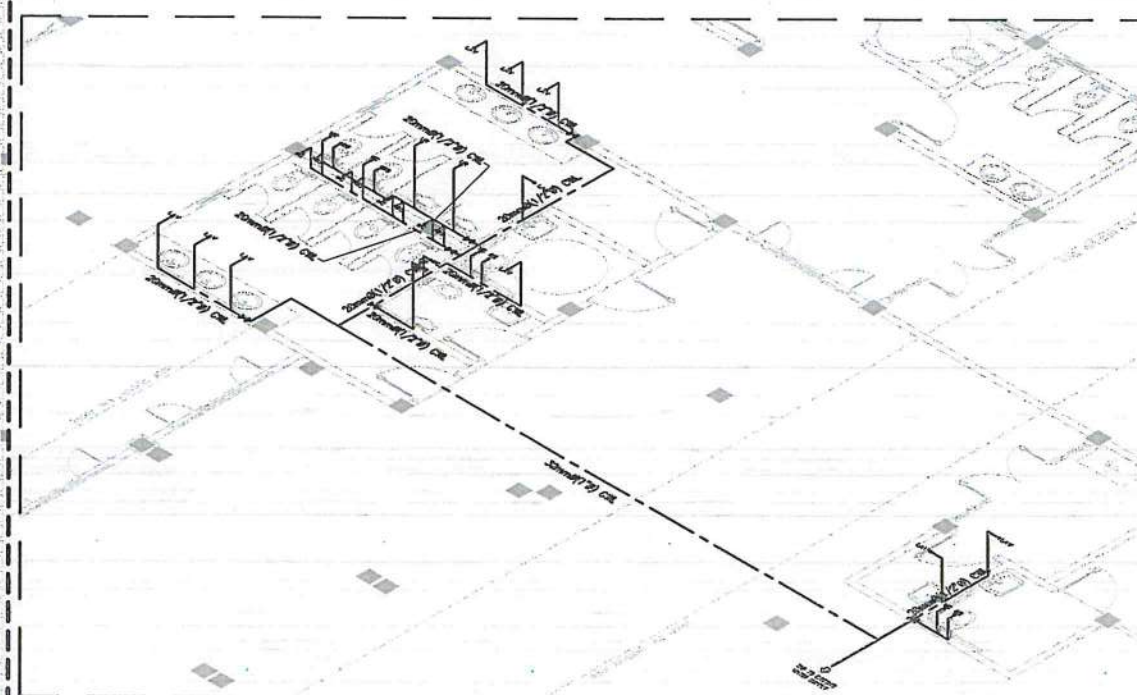
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1 WATER SYSTEM PIPING LAYOUT
 SCALE: 1:200M



PLAN



ISOMETRIC

2 ENLARGED WATERLINE SYSTEM
 SCALE: 1:120M



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AND MANAGEMENT SERVICE

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DESIGN BY: IDDD

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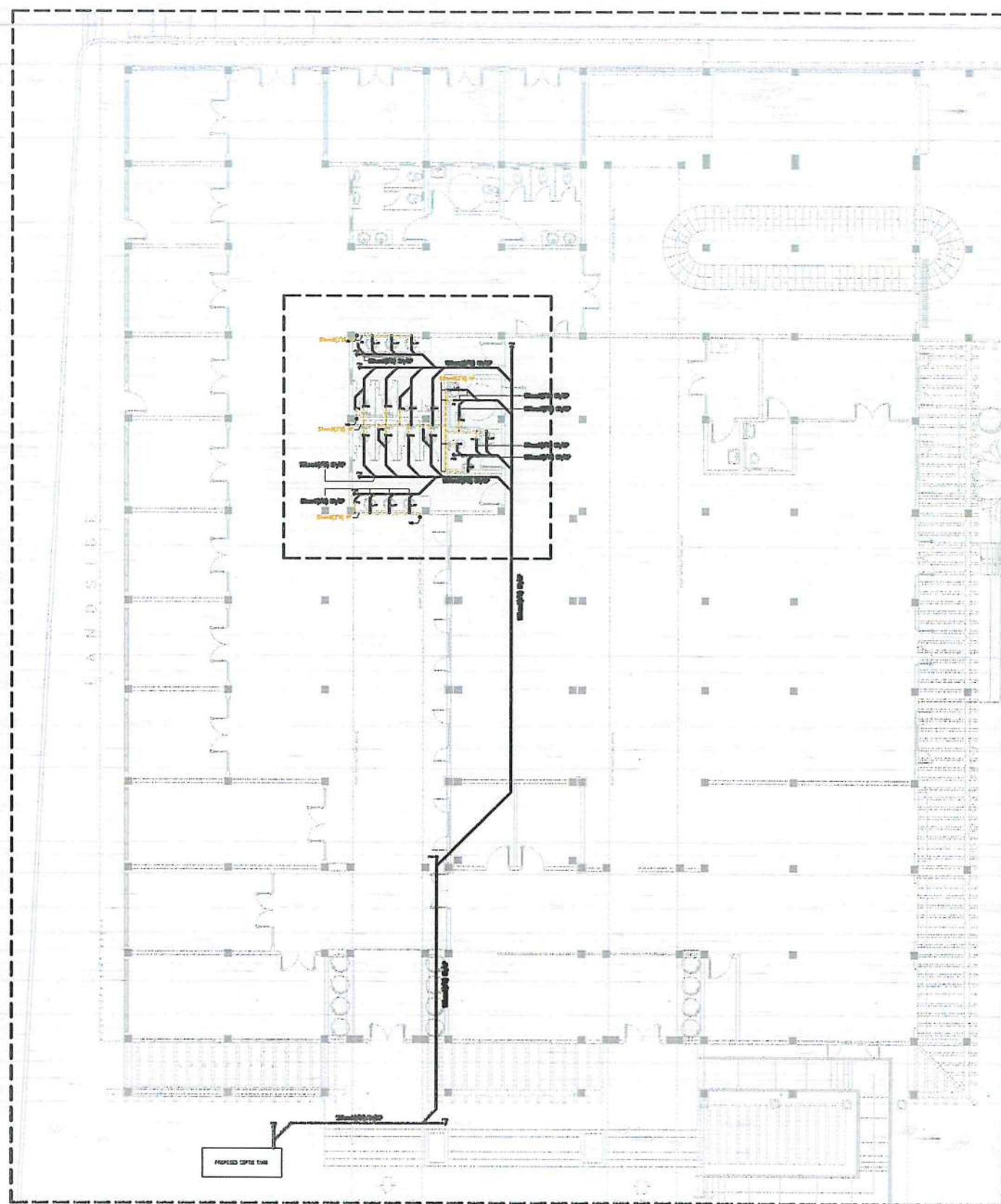
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BASCO AIRPORT
BASCO, BATANES

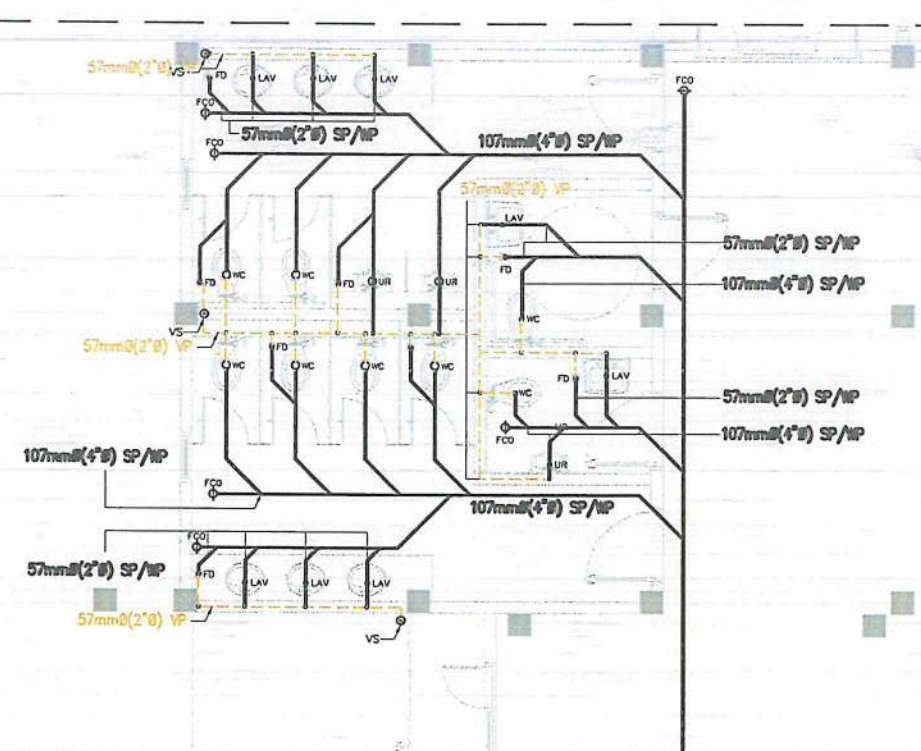
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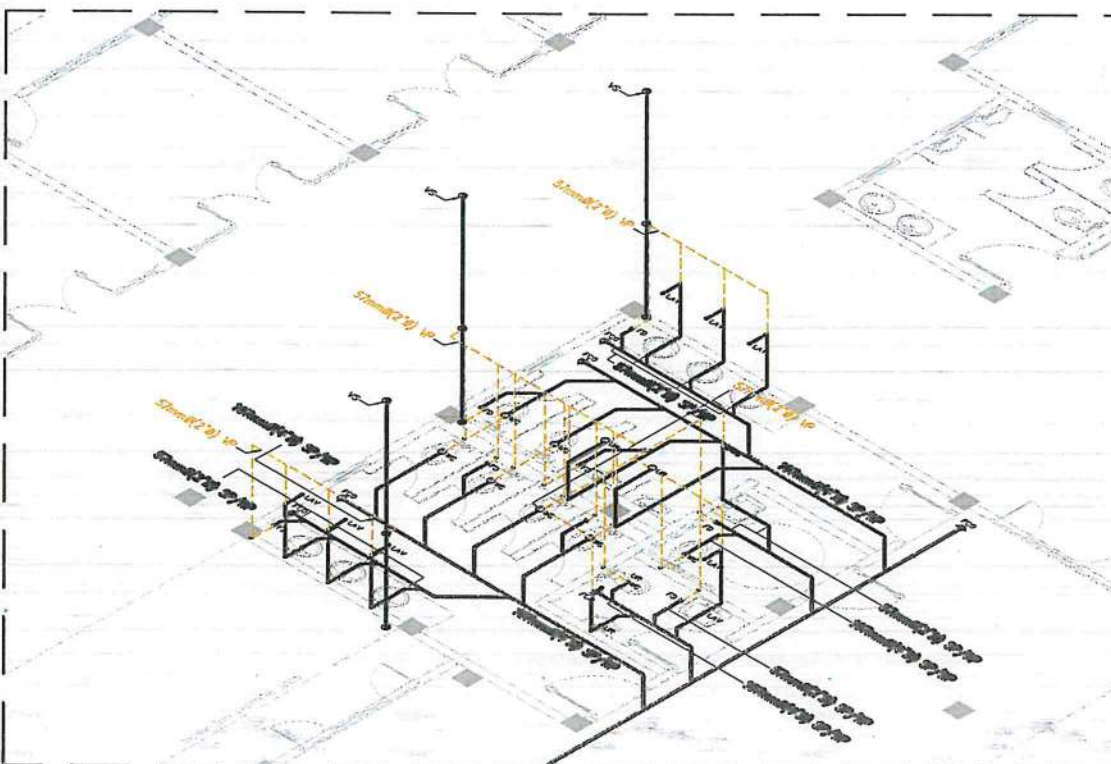
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1 BASCO AIRPORT
SEWERLINE SYSTEM PIPING LAYOUT
SCALE: 1:200M

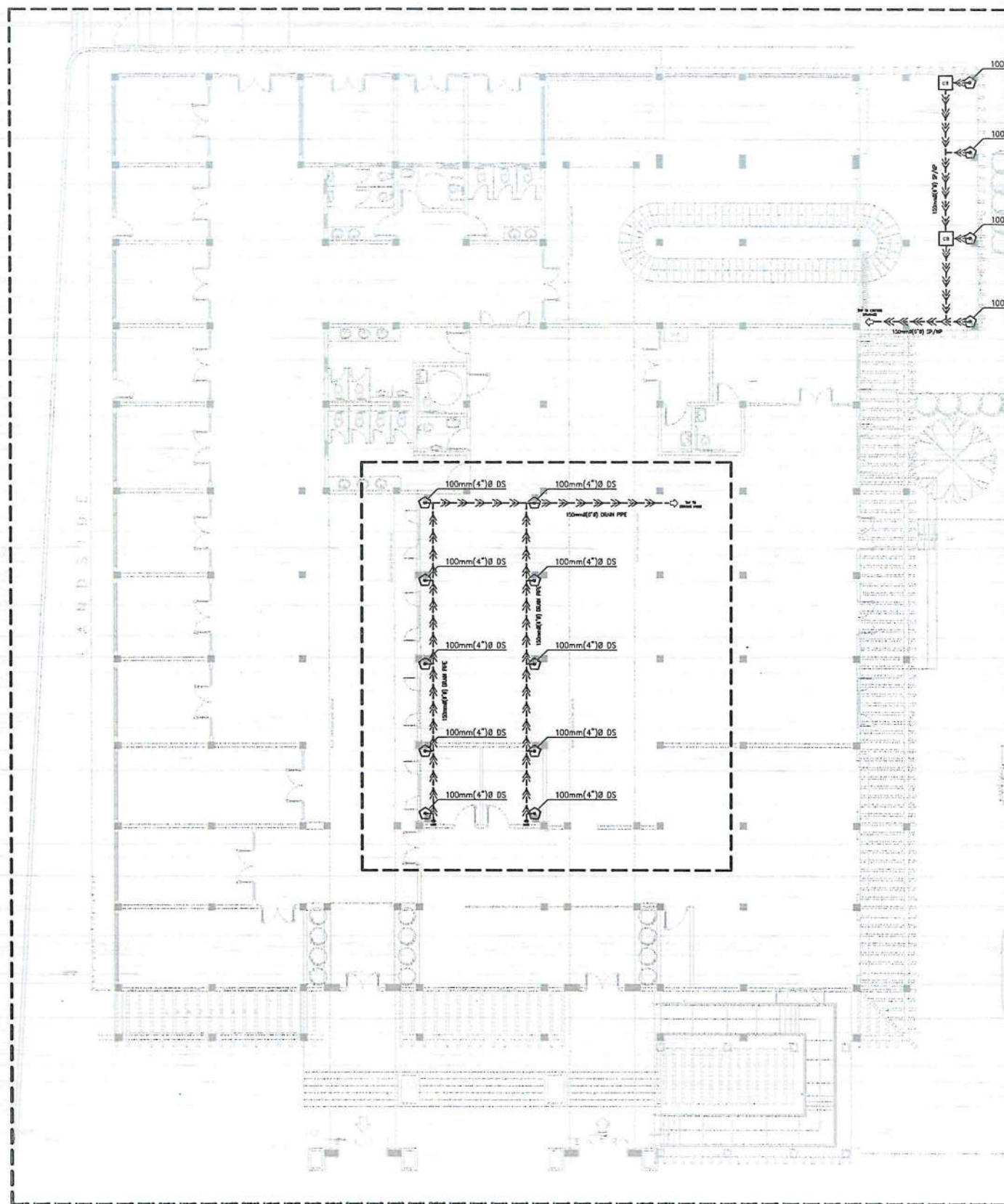


PLAN

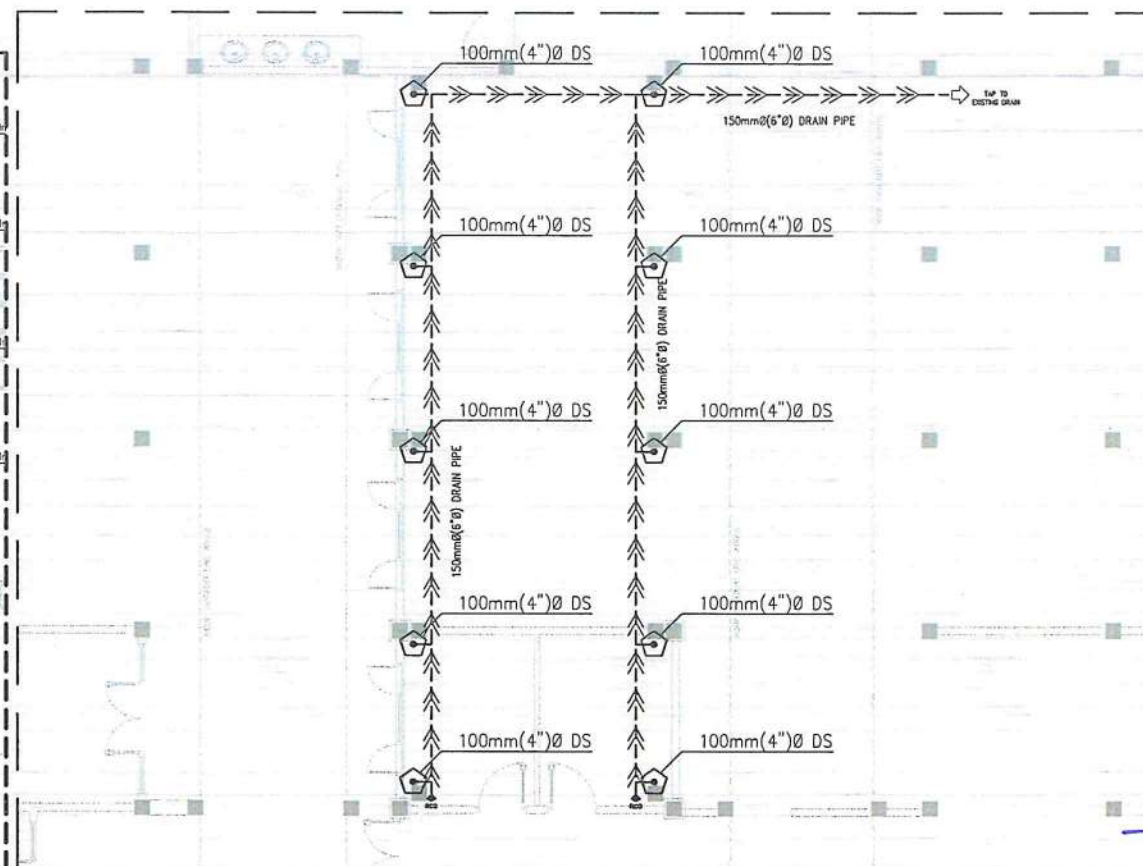


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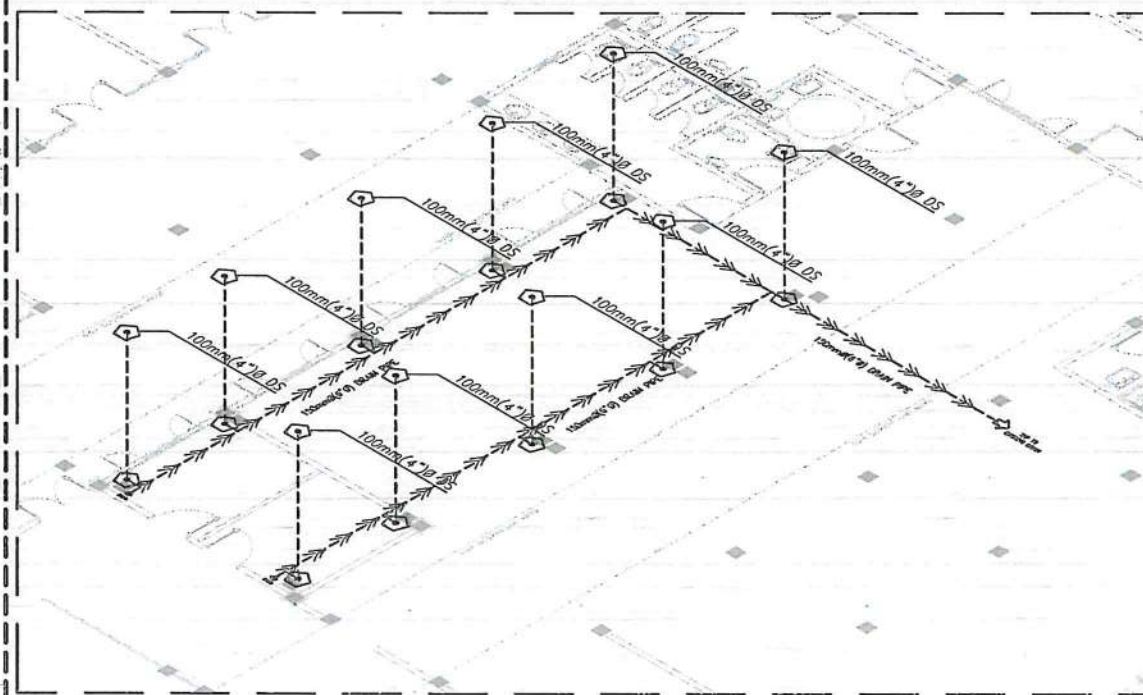
2 ENLARGED
SEWERLINE SYSTEM
SCALE: 1:100M



1 BASCO AIRPORT
STORM DRAINAGE SYSTEM PIPING LAYOUT
SCALE: 1:200M



PLAN



ISOMETRIC

2 ENLARGED
DECK DRAIN LAYOUT
SCALE: 1:150M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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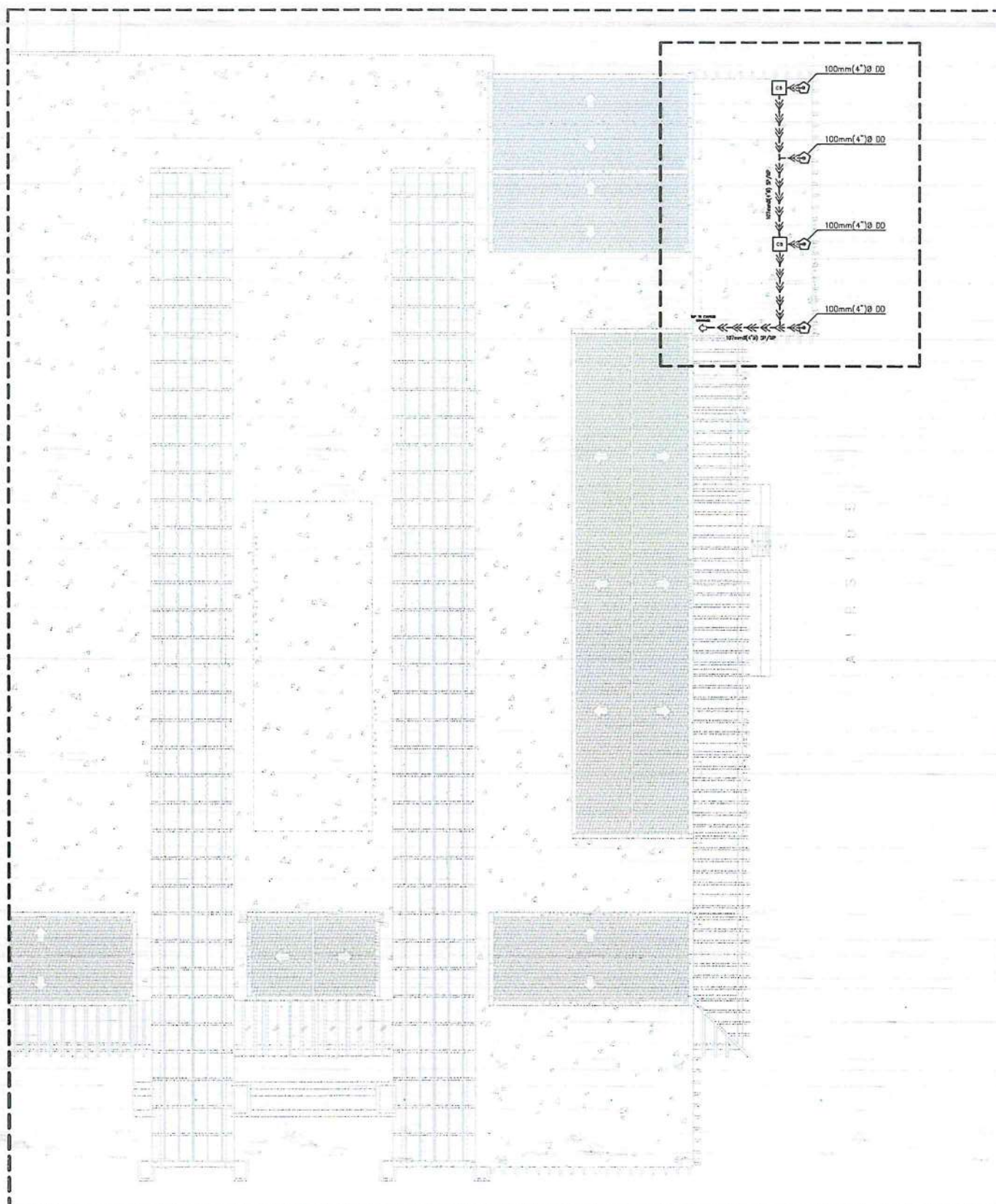
LOCATION:

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BASCO, BATANES

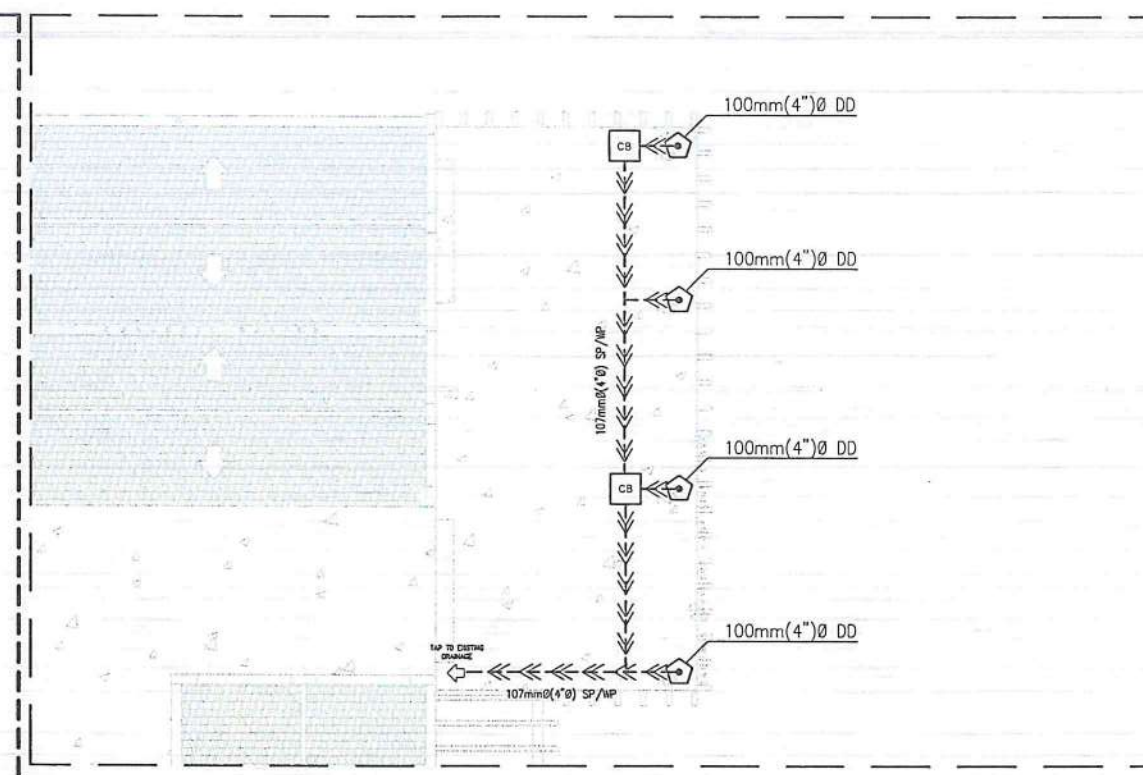
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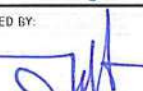
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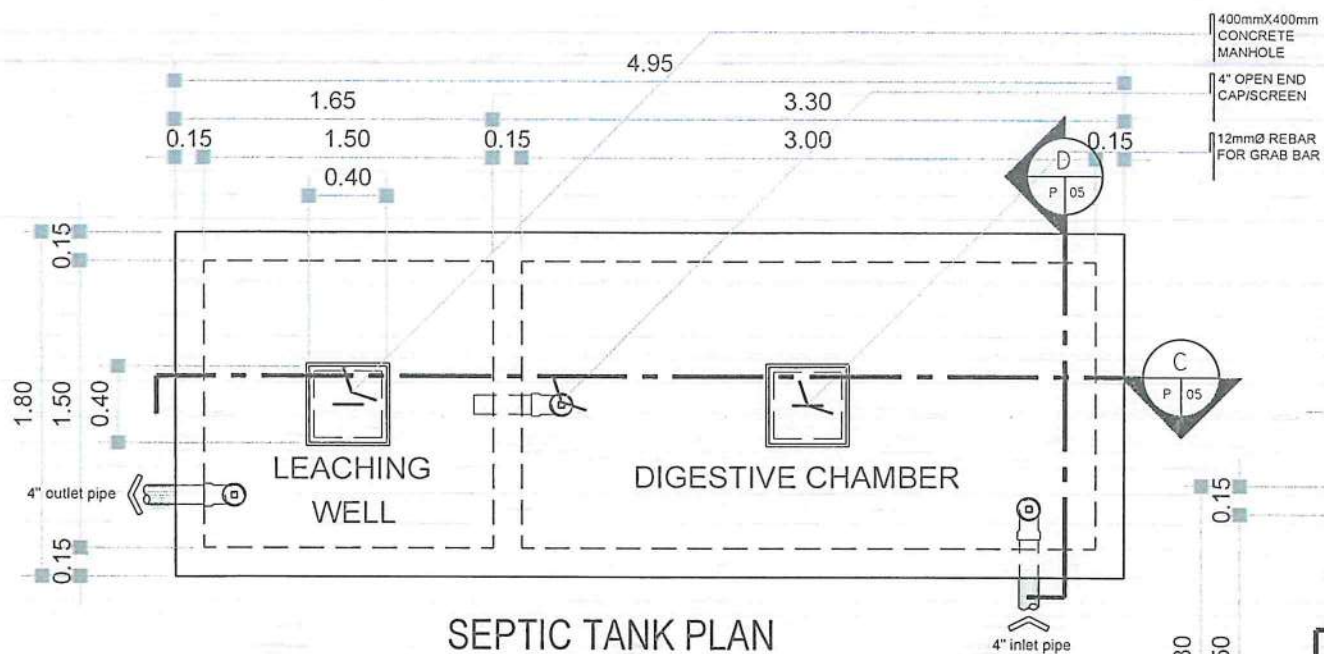


1 BASCO AIRPORT
STORM DRAINAGE SYSTEM PIPING LAYOUT
SCALE: 1:200M

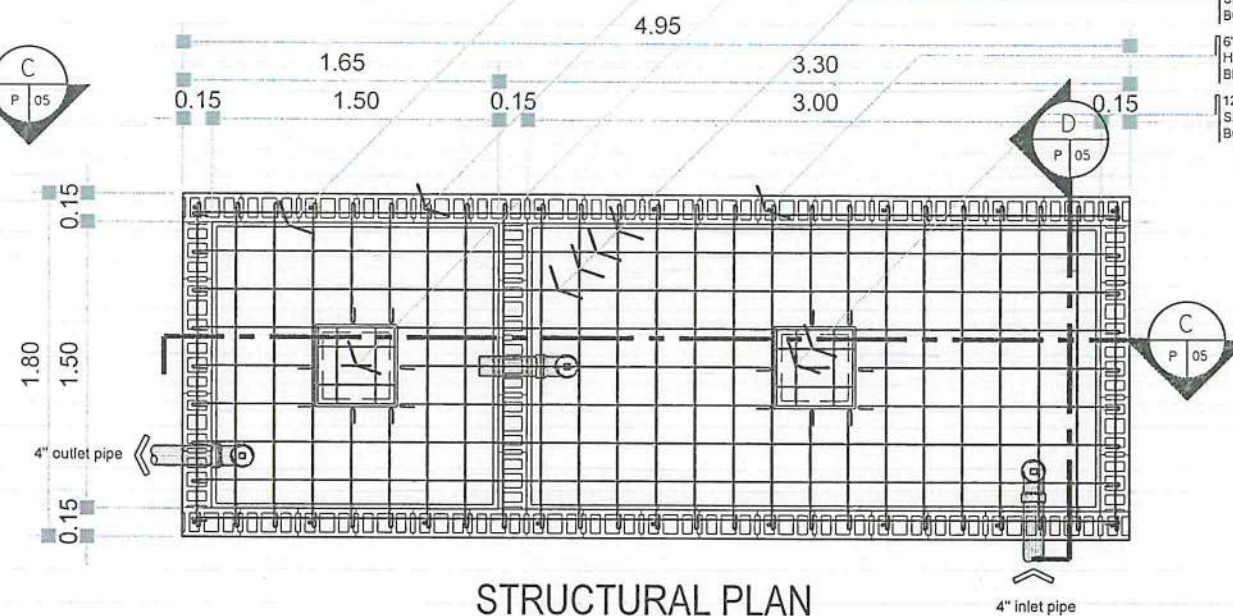


2 ENLARGED
DECK DRAIN LAYOUT
SCALE: 1:150M

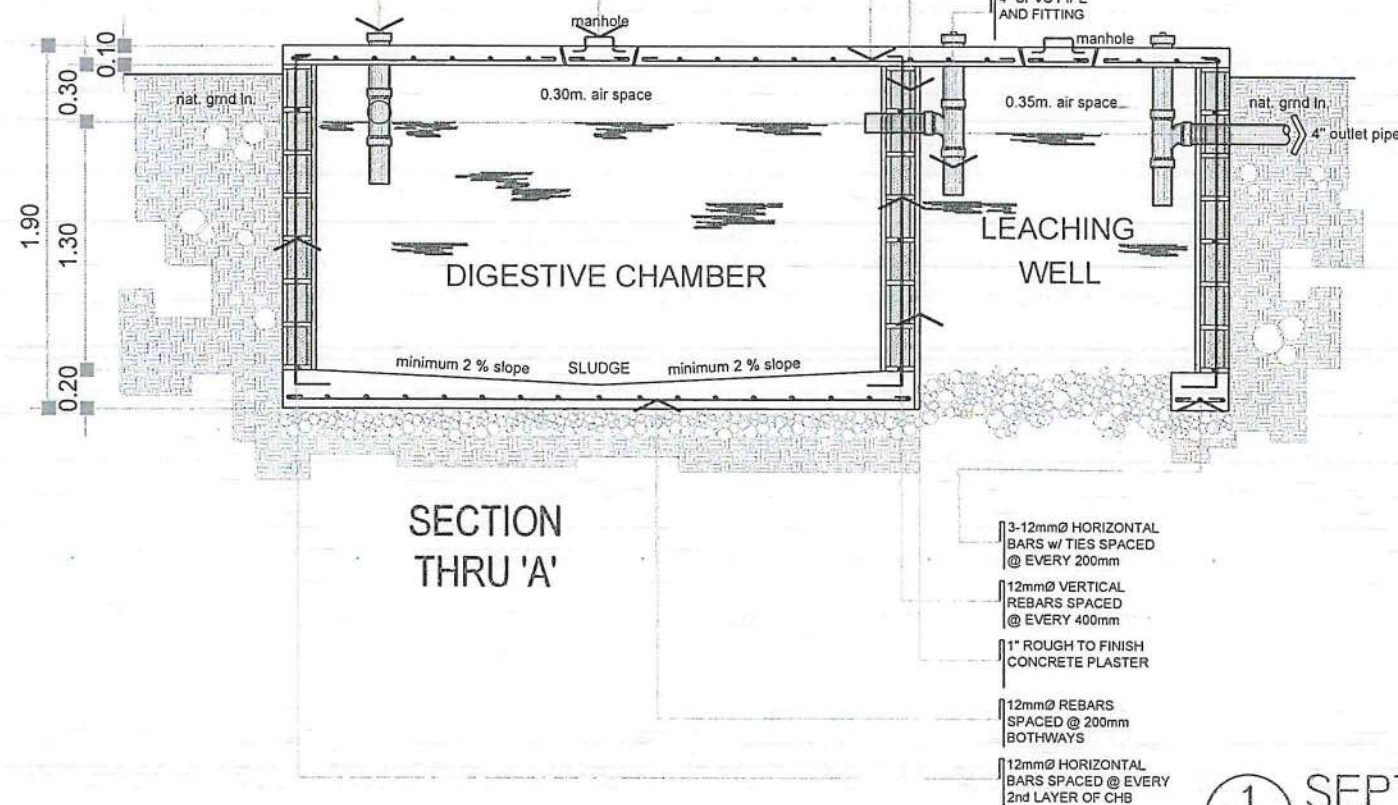
 	
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DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	
CHECKED BY:	CJDC
	EJDR
REVIEWED BY:	
 RAUL R. CRUCENA DIVISION CHIEF III, IDDD-ADMS	
SUBMITTED BY:	
 ARNEL F. BORLADO DEPARTMENT MANAGER III, AED-ADMS	
RECOMMENDED APPROVAL:	
 LT COL. VALENTINO A. DIONELA PAF (RET) ASSISTANT DIRECTOR GENERAL II, ADMS	
APPROVED:	
 CAPTAIN MANUEL ANTONIO L. TAMAYO DIRECTOR GENERAL	
NOTES / REVISIONS:	
PROJECT TITLE:	
IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING	
LOCATION:	
BASCO AIRPORT BASCO, BATANES	
SHEET CONTENTS:	
DRAWING SCALE:	SHEET NO:
AS SHOWN	P 04



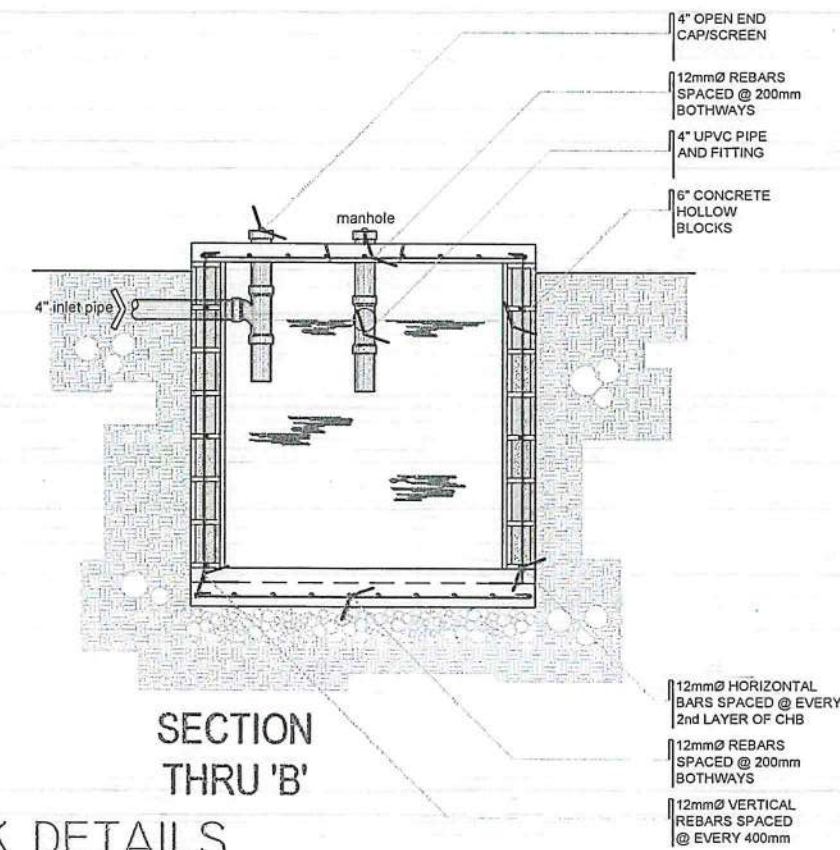
SEPTIC TANK PLAN



STRUCTURAL PLAN



SECTION THRU 'A'



SECTION THRU 'B'

1 SEPTIC TANK DETAILS
P 05 SCALE: 1:40



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE

DESIGNED BY: IDDD

DRAWN BY:

CHECKED BY: CUDC

EJUR

REVIEWED BY:

RAUL R. CRUCENA
DIVISION CHIEF III, IDDD-ADMS

SUBMITTED BY:

ARNEL F. BORLADO
DEPARTMENT MANAGER III, AED-ADMS

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LT COL. VALENTINO A. DIONELA PAF (RET)
ASSISTANT DIRECTOR GENERAL II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

NOTES / REVISIONS:

PROJECT TITLE:

IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

LOCATION:

BASCO AIRPORT
BASCO, BATANES

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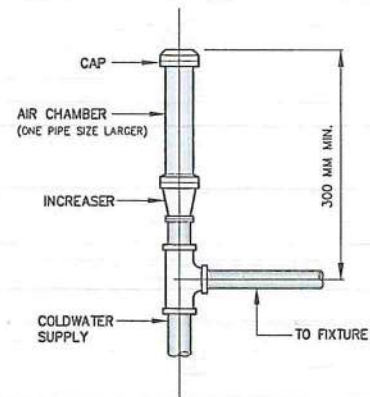
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AS SHOWN

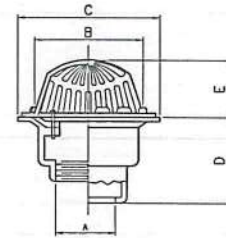
SHEET NO:

P 05

AIR CHAMBER

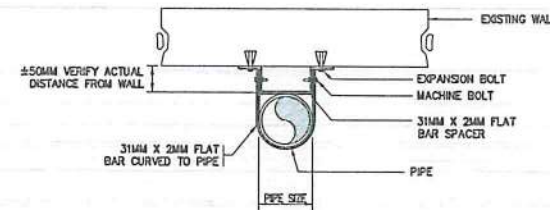


ROOF/GUTTER DRAIN

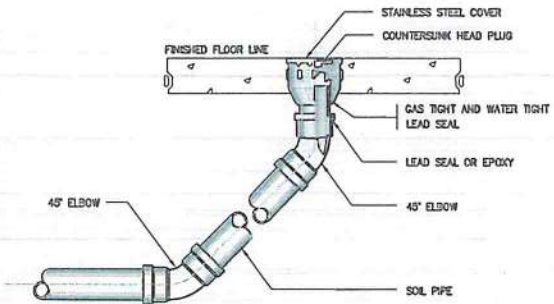


PIPE SIZE A(mm)	DIMENSION (mm)					REMARKS
B	C	D	E			
50	105	178	82	79		SIMILAR TO MODEL PI-123 OR APPROVED EQUAL
75	105	178	82	79		
100	105	178	82	79		
200	240	254	82	97		

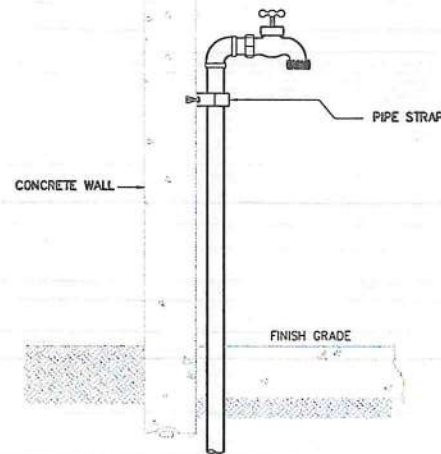
OFFSET PIPE CLAMP



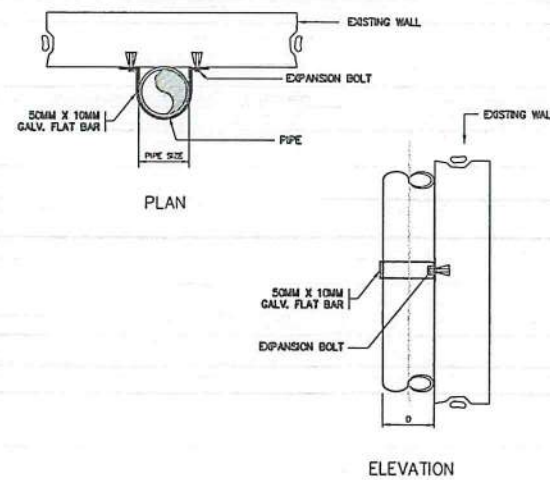
FLOOR CLEANOUT



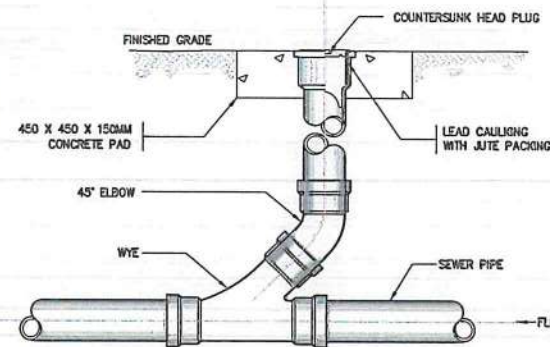
HOSE BIBB



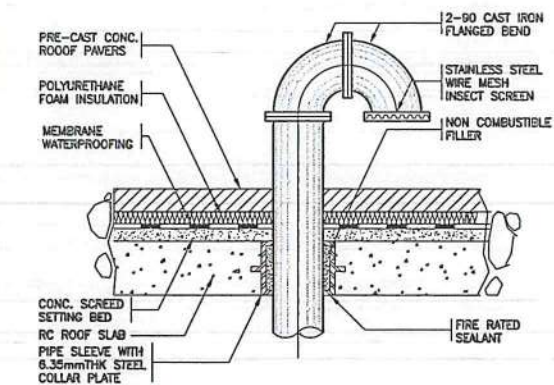
PIPE SUPPORT



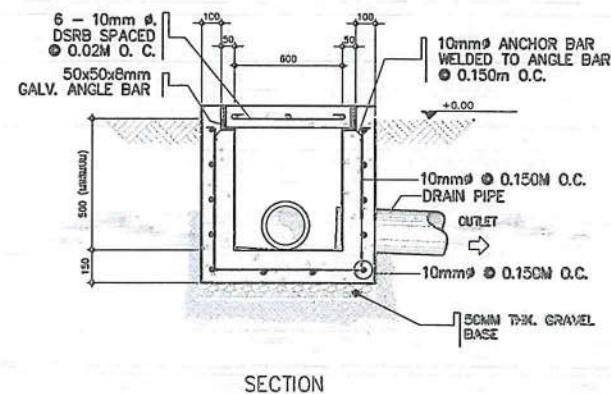
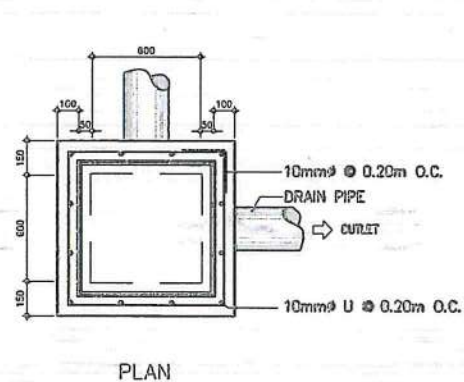
GROUND CLEANOUT



VENT STACK THRU ROOF



CATCH BASIN



1 MISCELLANEOUS DETAILS
P 06 SCALE: NTS



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE

DESIGNED BY: IDDO

DRAWN BY:

CHECKED BY: CJOC

EJOUR

REVIEWED BY:

RAUL R. CRUCENA
DIVISION CHIEF IN, IDDO-ADMS

SUBMITTED BY:

ARNEL F. BORLADO
DEPARTMENT MANAGER III, AED-ADMS

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ASSISTANT DIRECTOR GENERAL II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

NOTES / REVISIONS:

PROJECT TITLE:

IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

LOCATION:

BASCO AIRPORT
BASCO, BATANES

SHEET CONTENTS:

DRAWING SCALE: SHEET NO.

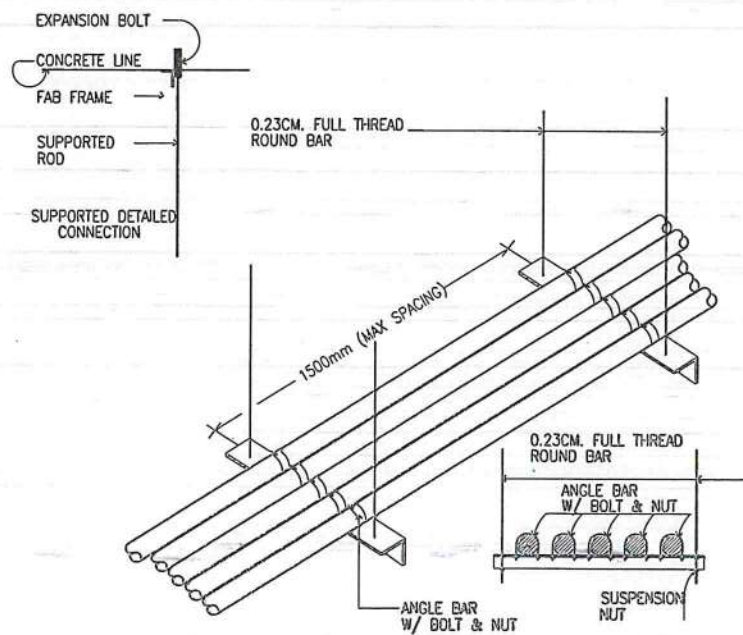
AS SHOWN P 06

GENERAL NOTES & SPECIFICATIONS:

- ALL ELECTRICAL WORKS AND INSTALLATIONS SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE WITH THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND REGULATIONS OF THE UTILITY COMPANIES CONCERNED.
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
- GENERAL USED RECEPTACLE SHALL BE RATED 16 AMPERES, 2 POLE, 250 VOLTS, UNIVERSAL TYPE WITH GROUND WITH PARALLEL SLOTS, SPECIAL PURPOSE OUTLET SHALL BE OF THE TYPE AND RATING INSULATED FOR RATING SUITED FOR THE EQUIPMENT SERVED.
- ALL ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE REQUIREMENT OF THE PHILIPPINE ELECTRICAL CODE.
- ALL MATERIALS TO BE USED SHALL BE BRANDED AND SHALL BE NEW AND OF THE APPROVED TYPE FOR BOTH LOCATION AND PURPOSE INTENDED.
- ELECTRICAL PIPES, WIRES AND CABLES TO BE USED SHALL BE UNDERWRITERS LABORATORY (UL) LISTED.
- COLOR CODING OF WIRES AND CABLES SHALL BE AS FOLLOWS:

LINE	-	RED
NEUTRAL	-	BLACK
GROUND	-	GREEN
- EMERGENCY LAMPS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT AND PROVIDE SIMPLEX CONVENIENCE OUTLET.
- MANHOLES, HAND HOLES, JUNCTION BOXES, PULL BOXES, AND WIRE GUTTER GAUGE NO. 16 (MINIMUM) SHALL BE PROVIDED BY THE CONTRACTOR WHENEVER REQUIRED AND NECESSARY AND SHALL BE INSTALLED AT CONVENIENT SPACE AND LOCATION TO FACILITATE WIRE PULLING EVEN IF THESE ITEMS ARE NOT SHOWN IN THE PLAN.
- ROUTING OF FEEDERS AND BRANCH CIRCUITS SHALL BE DONE IN THE FIELD WITH THE APPROVAL OF THE SUPERVISING REPRESENTATIVE OF CAAP.
- PROVIDE SUFFICIENT MICA TUBE AND FLEXIBLE METAL CONDUIT FROM JUNCTION BOX TO TO LIGHTING FIXTURE.
- PANEL BOARD SHALL BE EQUIPPED WITH GROUND KIT TERMINALS WITH NUMBER OF TERMINALS EQUAL TO THE NUMBER OF BRANCH CIRCUITS.
- PRINTED INDEX LABEL SHALL BE AFFIXED TO INSIDE SURFACE OF EACH PANEL BOARD DOOR, CLEARLY INDICATING AREA AND TYPE OF LOAD SERVED BY EACH BRANCH CIRCUIT PROTECTIVE DEVICE, INCLUDING SPARES. HAND WRITTEN WILL NOT BE ACCEPTED. ENGRAVED LAMINATED PLASTIC IDENTIFICATION PLATES SHALL BE FURNISHED AND INSTALLED ON ALL PANELS, PANELS SHALL BE AFFIXED IN FRONT OF PANELS.
- LOAD DATA IS BASED ON INFORMATION GIVEN TO THE ENGINEER AT THE TIME OF DESIGN. VERIFY ALL EQUIPMENT NAMEPLATE RATING BEFORE ORDERING.
- ALL BRANCH CIRCUIT BREAKER SHALL BE BOLT-ON TYPE WITH 10 KAIC MINIMUM OR AS INDICATED IN THE LOAD SCHEDULE.
- FOR EACH SPARE BRANCH CIRCUIT IN PANELBOARD, PROVIDE ONE 20MMØ EMPTY CONDUIT CONNECTED TO AN OCTAGONAL BOX AT ABOVE CEILING.
- MOUNTING HEIGHT SHALL BE AS FOLLOWS:

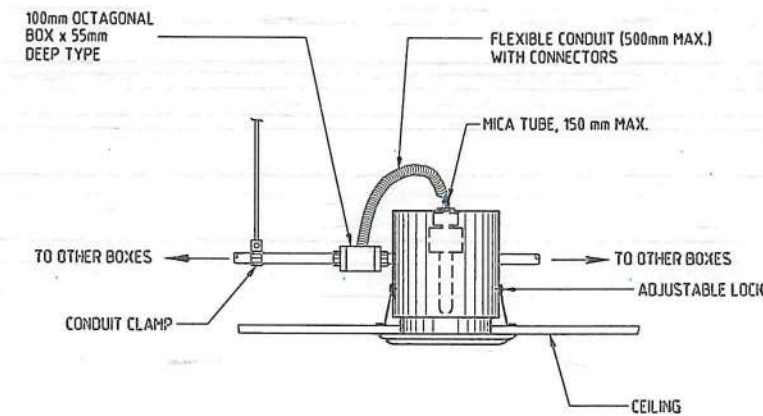
A. LIGHTING SWITCHES	1.40M FROM CENTER OF DEVICE TO FINISHED FLOOR LEVEL
B. CONVENIENCE OUTLETS	0.30M FROM CENTER OF DEVICE TO FINISHED FLOOR LEVEL
C. PANELBOARD	1.80M FROM TOP OF PANEL TO FINISHED FLOOR LEVEL
- SECURING OF NECESSARY ELECTRICAL PERMITS, CEI, AND OTHER NECESSARY REQUIREMENTS SHALL BE PART OF THE GENERAL CONTRACTOR INCLUDING COORDINATION/APPLICATION WITH THE UTILITY COMPANY FOR POWER INTERRUPTION.
- ALL WORKS SHALL BE EXECUTED IN A WORKMANSHIP MANNER AND SHALL PRESENT A NEAT AND ORDERLY ACCEPTANCE. ALL WIRING SHALL BE CONCEALED AS MUCH AS POSSIBLE.



CONDUIT ARRANGEMENT

LEGEND

- A 22 WATTS, 2275 LUMENS 220-240V 60HZ 201mm DIAMETER E27 LED FLAT LAMP, DAY LIGHT, MERCURY FREE, ENCLOSED IN POLYCARBONATE PLASTIC THAT IS IMPACT AND HEAT RESISTANT, WITH LIGHTING RECEPTACLE OUTLET; LETTER DENOTES CONTROL/SWITCH.
- 6 INCHES RECESSED TYPE VERTICAL LAMP DOWNLIGHT WITH FULL FROSTED GLASS COVER, POWDER COATED WHITE FINISH STEEL HOUSING AND MIRRORIZED ALUMINUM REFLECTOR WITH 1-12WATTS LED BULB; LETTER DENOTES CONTROL/SWITCH.
- DUAL OPTICS EMERGENCY LIGHT, 2x5WATTS LED BULB 100V-240V 1200LM 6500K, ADJUSTABLE LAMP HEADS, WITH 6V 3.0Ah SEALED ACID BATTERY, 258mm x 255mm x 68mm,
- ⌋ CEILING FAN
- 12 INCHES SQUARE CEILING MOUNTED EXHAUST FAN, 38 WATTS, 230 VOLTS
- ⊕ DUPLEX UNIVERSAL CONVENIENCE OUTLET WITH GROUND, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER
- ⊕ SIMPLEX UNIVERSAL CONVENIENCE OUTLET WITH GROUND, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER
- ⌋ ONE-GANG, ONE WAY SWITCH, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER; LETTER DENOTES LIGHTS BEING CONTROLLED
- ⌋ TWO-GANG, ONE WAY SWITCH, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER; LETTER DENOTES LIGHTS BEING CONTROLLED
- ⌋ THREE-GANG, ONE WAY SWITCH, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER; LETTER DENOTES LIGHTS BEING CONTROLLED
- ⊕ AIR COOLED CONDENSING UNIT (ACCU) CIRCUIT PROTECTION (SEE SCHEDULE OF LOADS FOR THE RATING)
- PANEL BOARD (SEE SCHEDULE OF LOADS FOR DETAILS)
- ⌋ CIRCUIT BREAKER (SEE SCHEDULE OF LOADS FOR THE RATING)
- LPP-01 CIRCUIT HOMERUN TO PANELBOARD



RECESSED DOWNLIGHT



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	IDDD
CHECKED BY:	CJDC
	RUAR

REVIEWED BY:

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SUBMITTED BY:

[Signature]
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RECOMMENDED APPROVAL:

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 ASSISTANT DIRECTOR GENERAL II, ADMS

APPROVED:

[Signature]
CAPTAIN MANUEL ANTONIO L. TAMAYO
 DIRECTOR GENERAL

NOTES / REVISIONS:

PROJECT TITLE:

IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

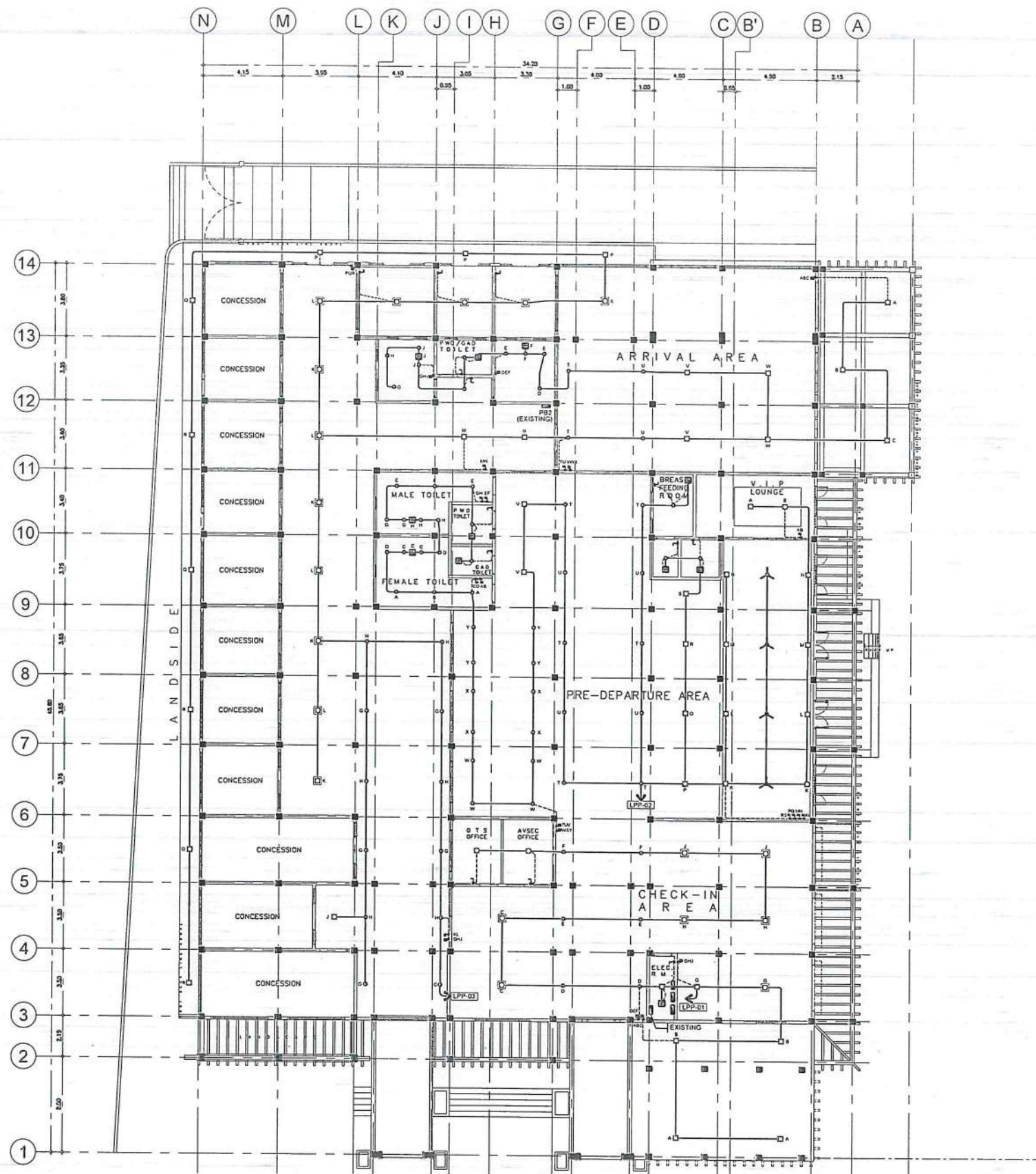
LOCATION:

**BASCO AIRPORT
 BASCO, BATANES**

SHEET CONTENTS:

DRAWING SCALE: AS SHOWN

SHEET NO: **E 001**



1 LIGHTING LAYOUT
 E 02 SCALE: 1:275M



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 BACODC PHILIPPINES

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AERODROME DEVELOPMENT
 AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT
 AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IODD
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 ASSISTANT DIRECTOR GENERAL II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
 DIRECTOR GENERAL

NOTES / REVISIONS:

PROJECT TITLE:

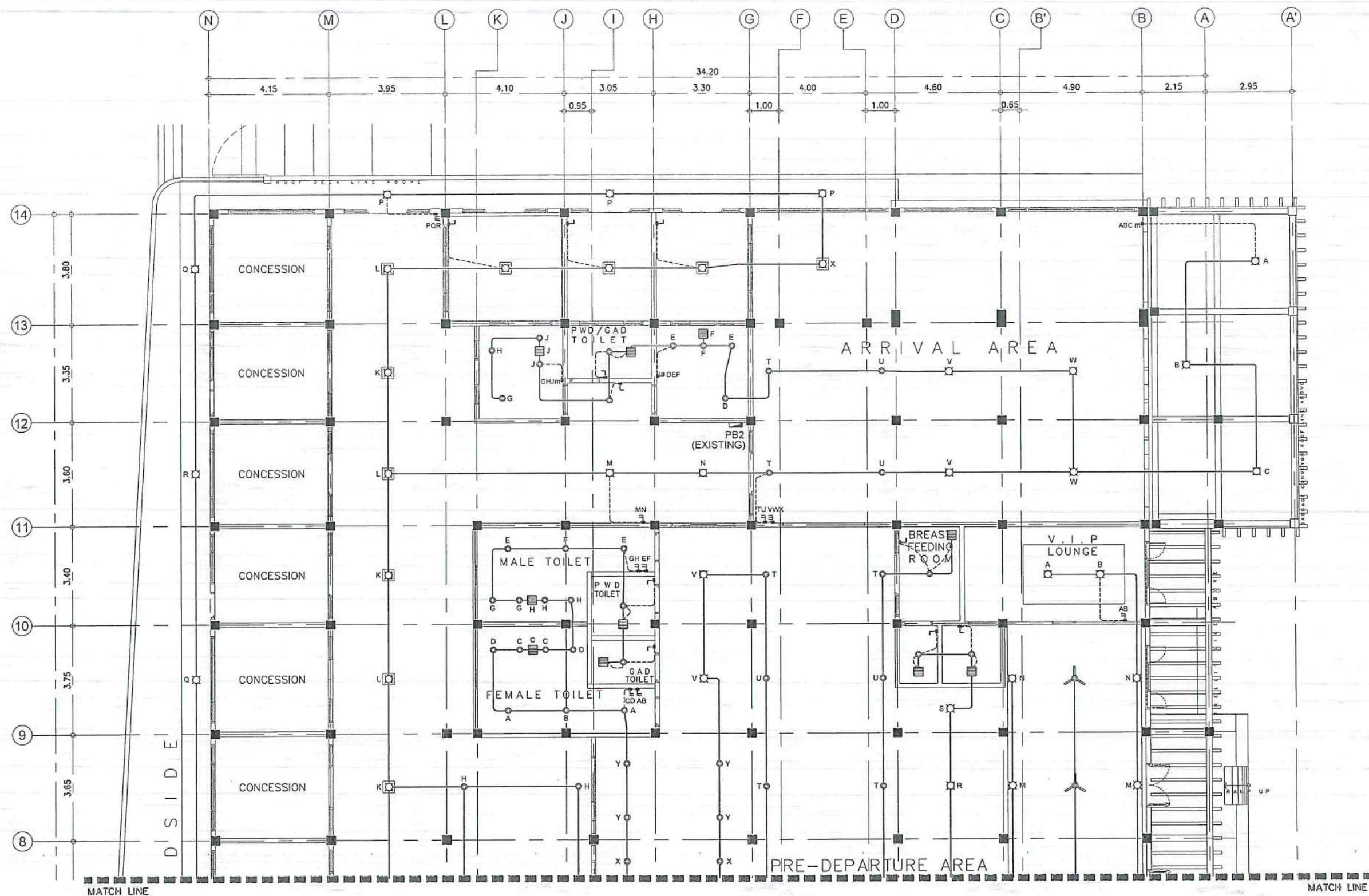
IMPROVEMENT/EXPANSION
 OF PASSENGER TERMINAL
 BUILDING

LOCATION:

BASCO AIRPORT
 BASCO, BATANES

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO.
AS SHOWN	E 002



1 LIGHTING LAYOUT
E 03 SCALE: 1:150M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
DEPARTMENT OF TRANSPORTATION

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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DESIGNED BY:	IDDD
DRAWN BY:	IDDD
CHECKED BY:	CJDC
	RUAJR

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ARNEL F. BORLADO
DEPARTMENT MANAGER III, AED-ADMS

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ASSISTANT DIRECTOR GENERAL II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

NOTES / REVISIONS:

PROJECT TITLE:

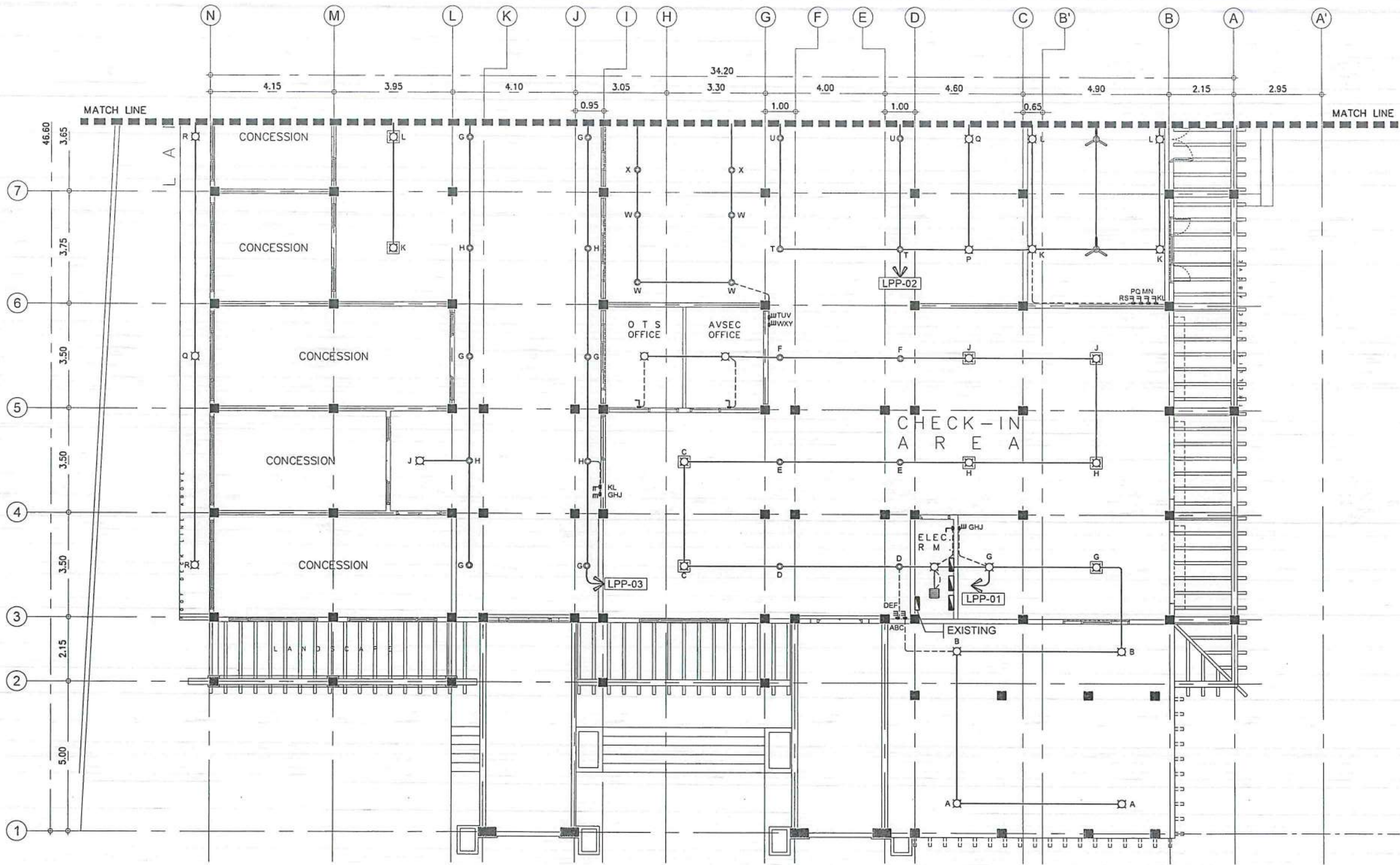
IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

LOCATION:

BASCO AIRPORT
BASCO, BATANES

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:
AS SHOWN	E 003



1 LIGHTING LAYOUT
 E 04 SCALE: 1:150M

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 BACODING PHILIPPINES

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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DESIGNED BY:	IDDD	
DRAWN BY:	IDDD	
CHECKED BY:	CJDC	
	RUAR	

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RAUL R. CRUCENA
 Division Chief, IDDD-ADMS

SUBMITTED BY:

ARNEL F. BORLADO
 Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

LT COL. VALENTINO A. DIONELA PAF (RET.)
 Assistant Director General II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
 Director General

NOTES / REVISIONS:

PROJECT TITLE:

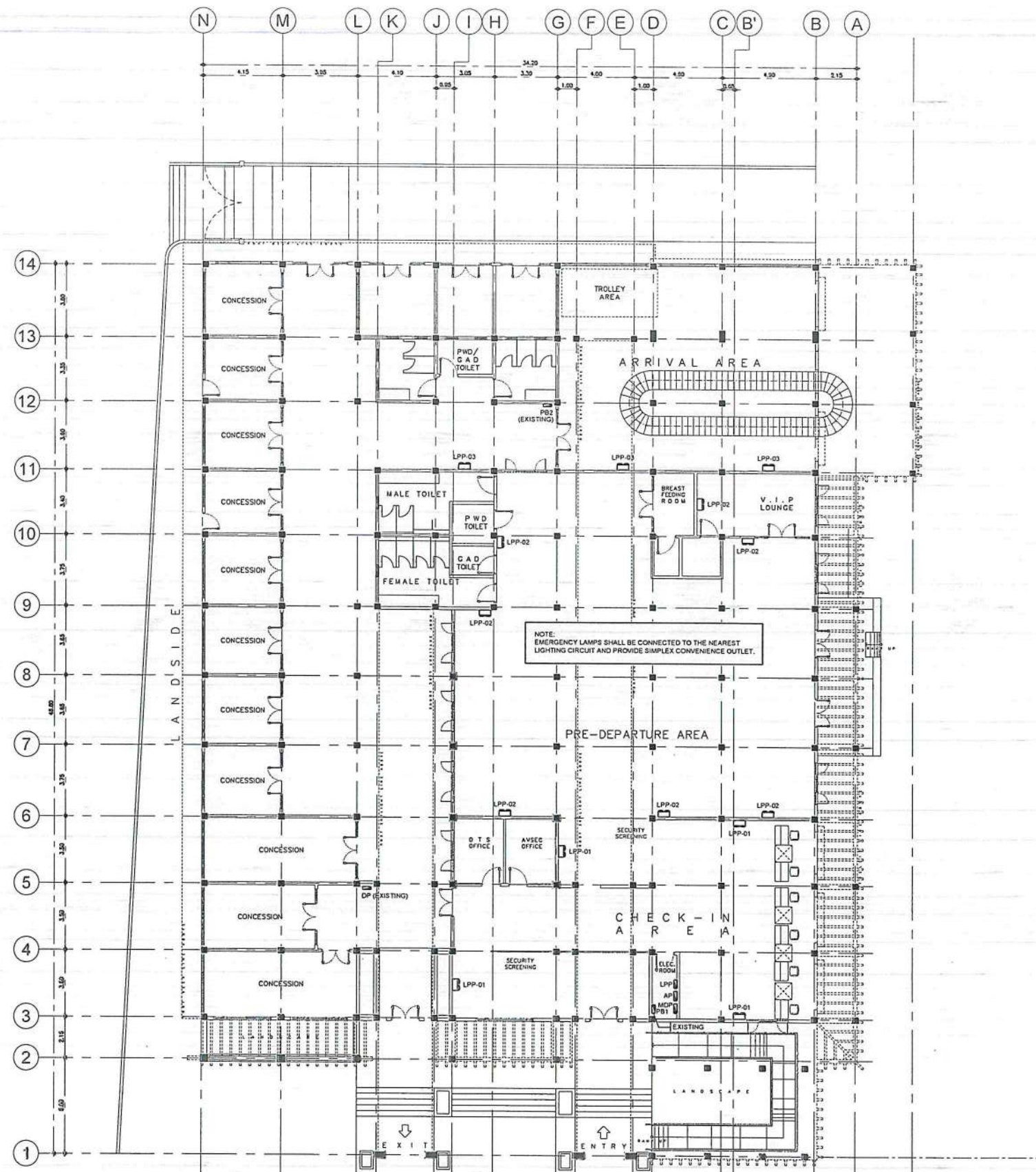
IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

LOCATION:

BASCO AIRPORT
BASCO, BATANES

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:
AS SHOWN	E 004



1 EMERGENCY LIGHTING LAYOUT
 SCALE: 1:275M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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 DEPARTMENT MANAGER III, AED-ADMS

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 ASSISTANT DIRECTOR GENERAL II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
 DIRECTOR GENERAL

NOTES / REVISIONS:

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IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

LOCATION:

BASCO AIRPORT
 BASCO, BATANES

SHEET CONTENTS:

DRAWING SCALE: SHEET NO:

AS SHOWN E 005



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AERODROME DEVELOPMENT
AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT
AND DESIGN DIVISION

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DRAWN BY:	IDDD
CHECKED BY:	CJDC
	RUAJR

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RAUL R. CRUCENA
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ARNEL P. BORLADO
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LT COL. VALENTINO A. DIONELA PAF (RET)
ASSISTANT DIRECTOR GENERAL II, ADMS

APPROVED:

Captain Manuel Antonio L. Tamayo
CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

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IMPROVEMENT/EXPANSION
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BUILDING

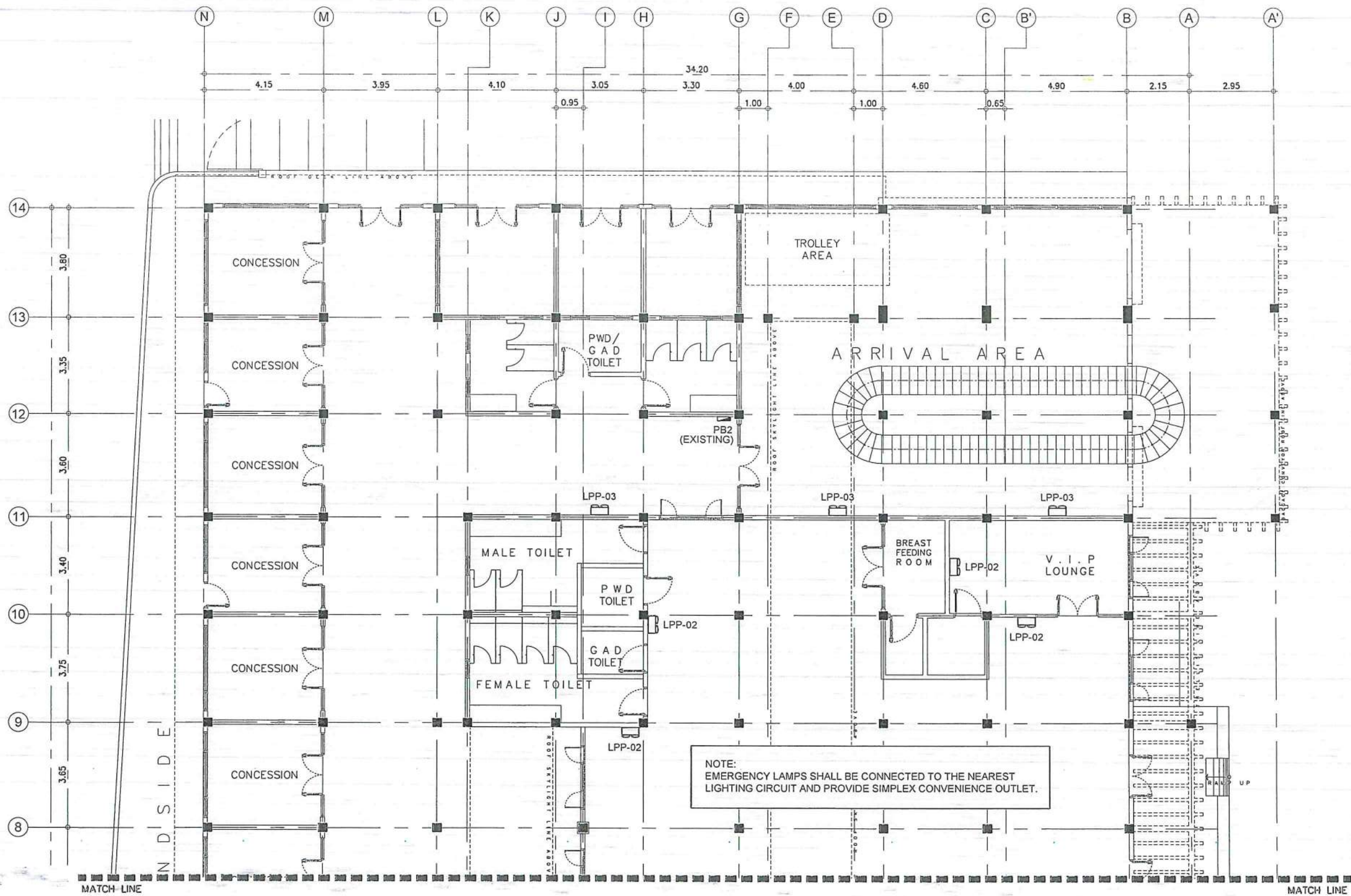
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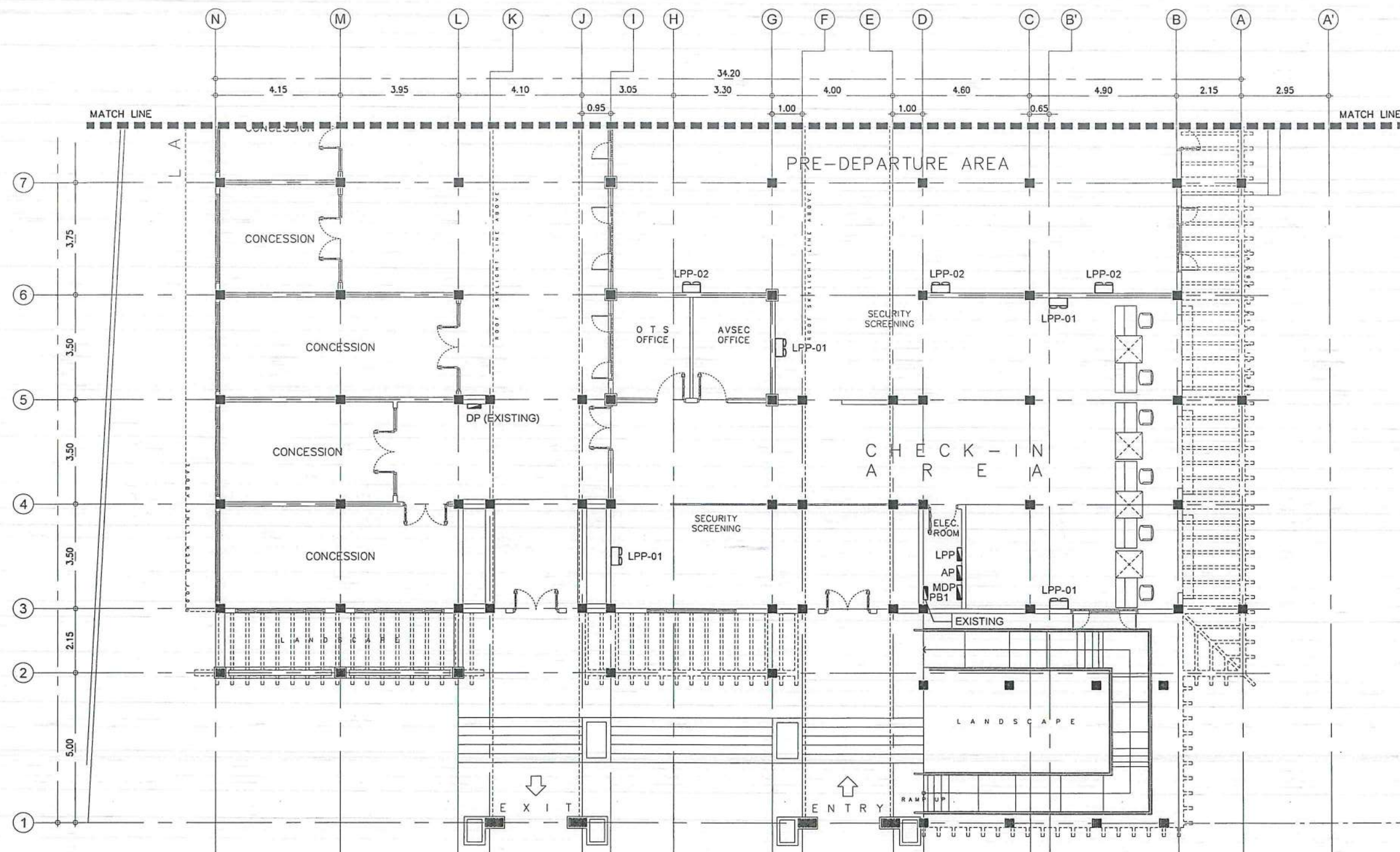
SHEET CONTENTS:

DRAWING SCALE: SHEET NO:

AS SHOWN E 006



1 EMERGENCY LIGHTING LAYOUT
E 06 SCALE: 1:150M



1 EMERGENCY LIGHTING LAYOUT
 E 07 SCALE: 1:150M



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	RUAJR

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 LT COL. VALENTINO A. DIONELA PAF (RET)
 ASSISTANT DIRECTOR GENERAL II, ADMS

APPROVED:
 CAPTAIN MANUEL ANTONIO L. TAMAYO
 DIRECTOR GENERAL

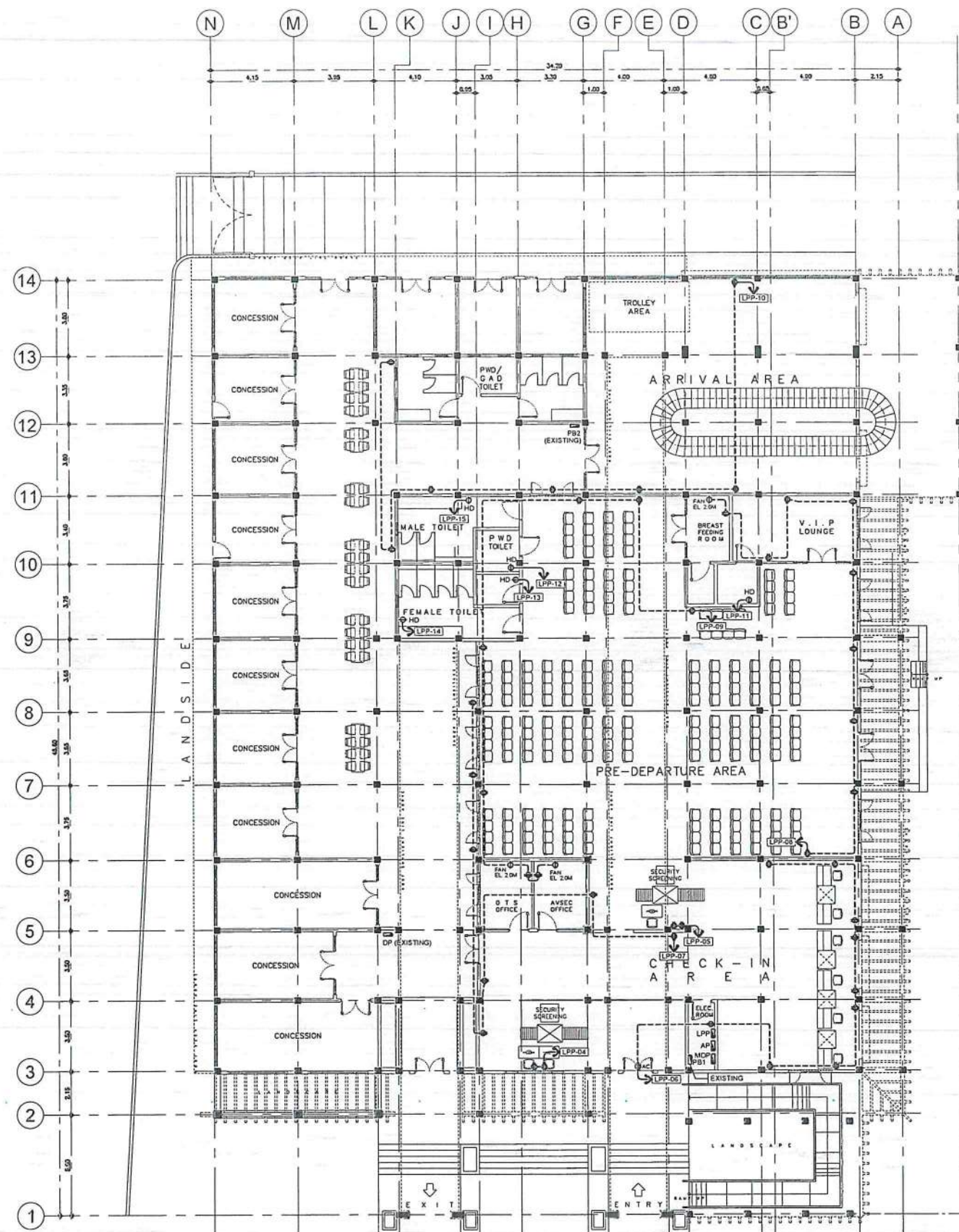
NOTES / REVISIONS:

PROJECT TITLE:
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LOCATION:
 BASCO AIRPORT
 BASCO, BATANES

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:
AS SHOWN	E 007



1 POWER LAYOUT
E 08 SCALE: 1:275M



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ASSISTANT DIRECTOR GENERAL II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

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IMPROVEMENT/EXPANSION OF PASSENGER TERMINAL BUILDING

LOCATION:

BASCO AIRPORT
BASCO, BATANES

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:
AS SHOWN	E 008

