***DO NOT SCALE DRAWINGS**

- SHEETROCK ALL WAL
- VERIFY ALL WINDOW COMPLIANCE WITH INC

CONC CLG REF

SHLVS C.C. O.C.

PROPOSED **ARCHITECTURAL DESIGN FOR UNDP/UNRCO BELMOPAN CITY, BELIZE**

			CANT. B/W
			W/
			#
			R.C. D.P.C.
			D.r.C. @
			DIA.
DESIGNED & DRAWN B'	/: ISANI ENRIQUEZ		REINF.
			TH.
DATE: JANUARY, 2021			
CHECKED BY:			_
ENGINEER:	ARCHITECT:	BUILDING AUTHORITY APPROVAL:	-
<u> </u>			

- SHEETROCK ALL WALLS AND CEILINGS UNLESS ST	ATED OTHERWISE.
- VERIFY ALL WINDOW SIZES WITH MANUFACTURE COMPLIANCE WITH INGESS/ EGRESS REQUIREMENT	
-CONTRACTOR SHALL CO-ORDINATE ALL CLOSET S REQUIREMENTS.	HELVING PROPOSED FL
 CONTRACTOR SHALL FIELD VERIFY ALL CABINET IS BEFORE FABRICATION. THE DESIGN OF ALL STAIRCASES, IF EXISTING , MU WITH APPLICABLE CODES AND REQUIREMENTS 	DIMENSIONE
DESIGN LOADS: FLOOR LIVE LOAD 50 F ROOF LIVE LOAD20 F WIND LOADS150	PSF (UNFACTORED) FXISTING LIG
BUILDING CODES: INTERNATIONAL BUILDING CODE 2003 (IBC -2003)	ASCE-2002 PROPOSED O

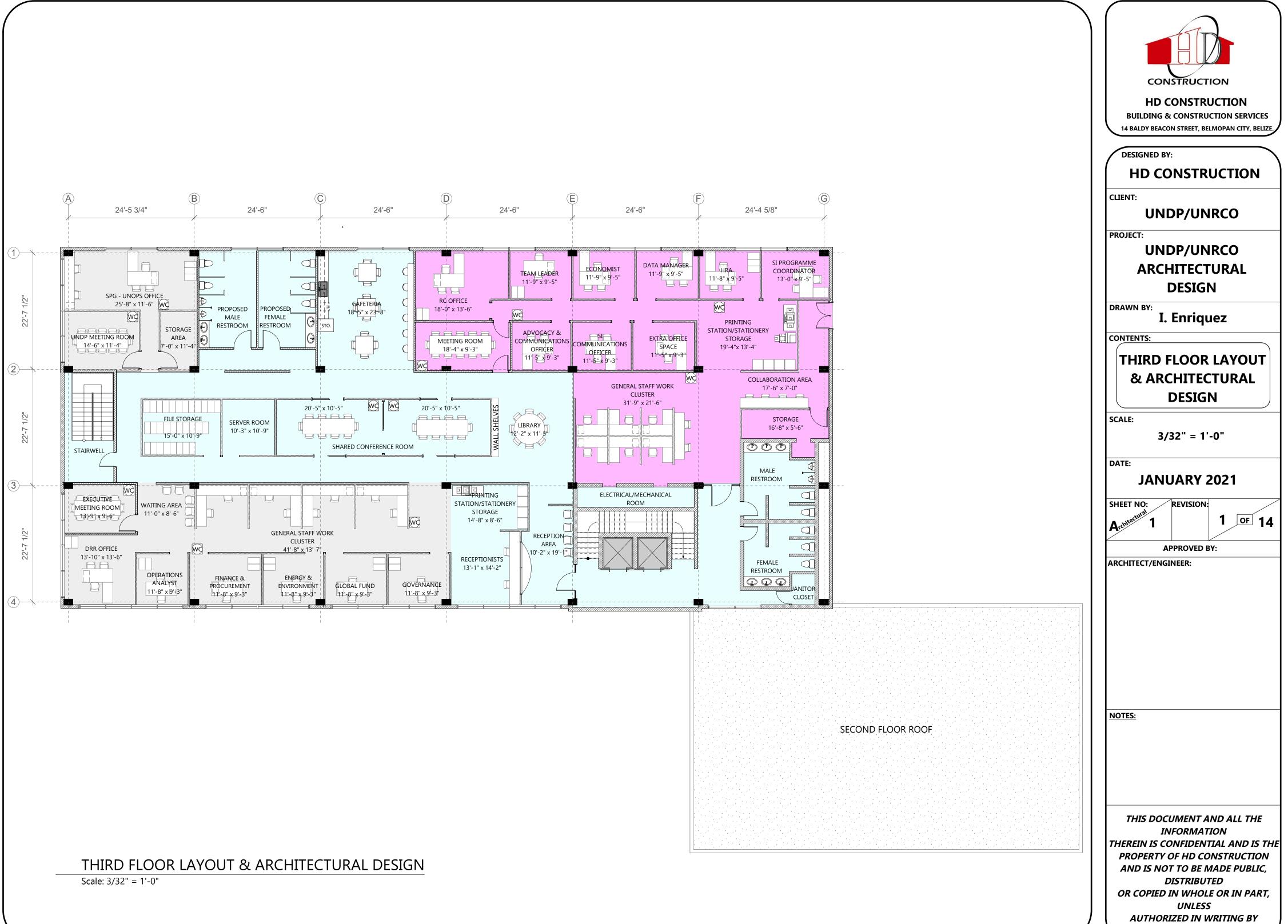
PLAN ABBREVIATIONS:

CONCRETE
CEILING
REFRIGERATOR
SHELVES
CENTER TO CENTER
OUTSIDE TO CENTER
CANTILEVER
BOTH WAYS
WITH
NUMBER
REINFORCED CONCRETE
DAMP PROOF COURSE
AT
DIAMETER
REINFORCED
THICK

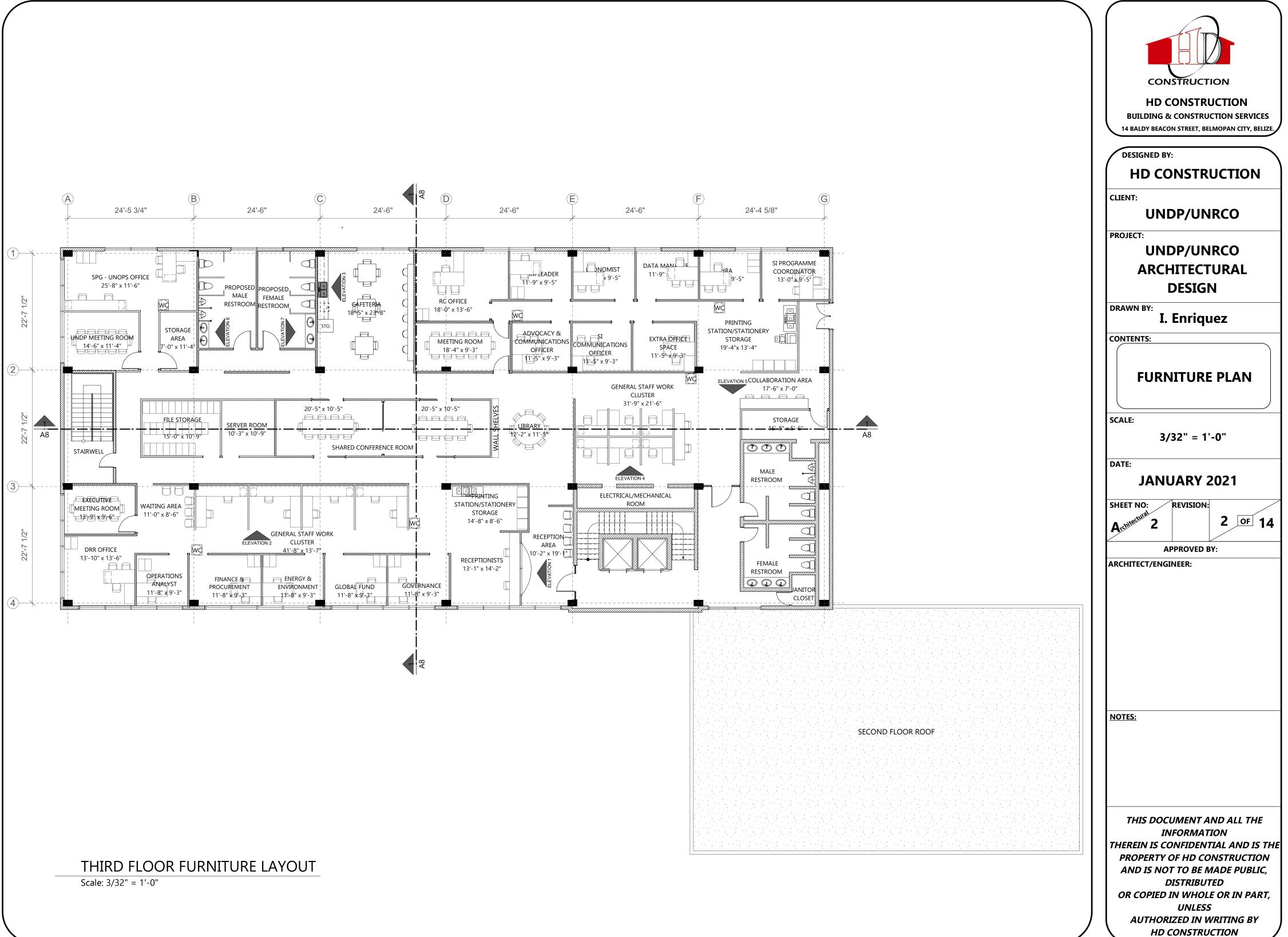


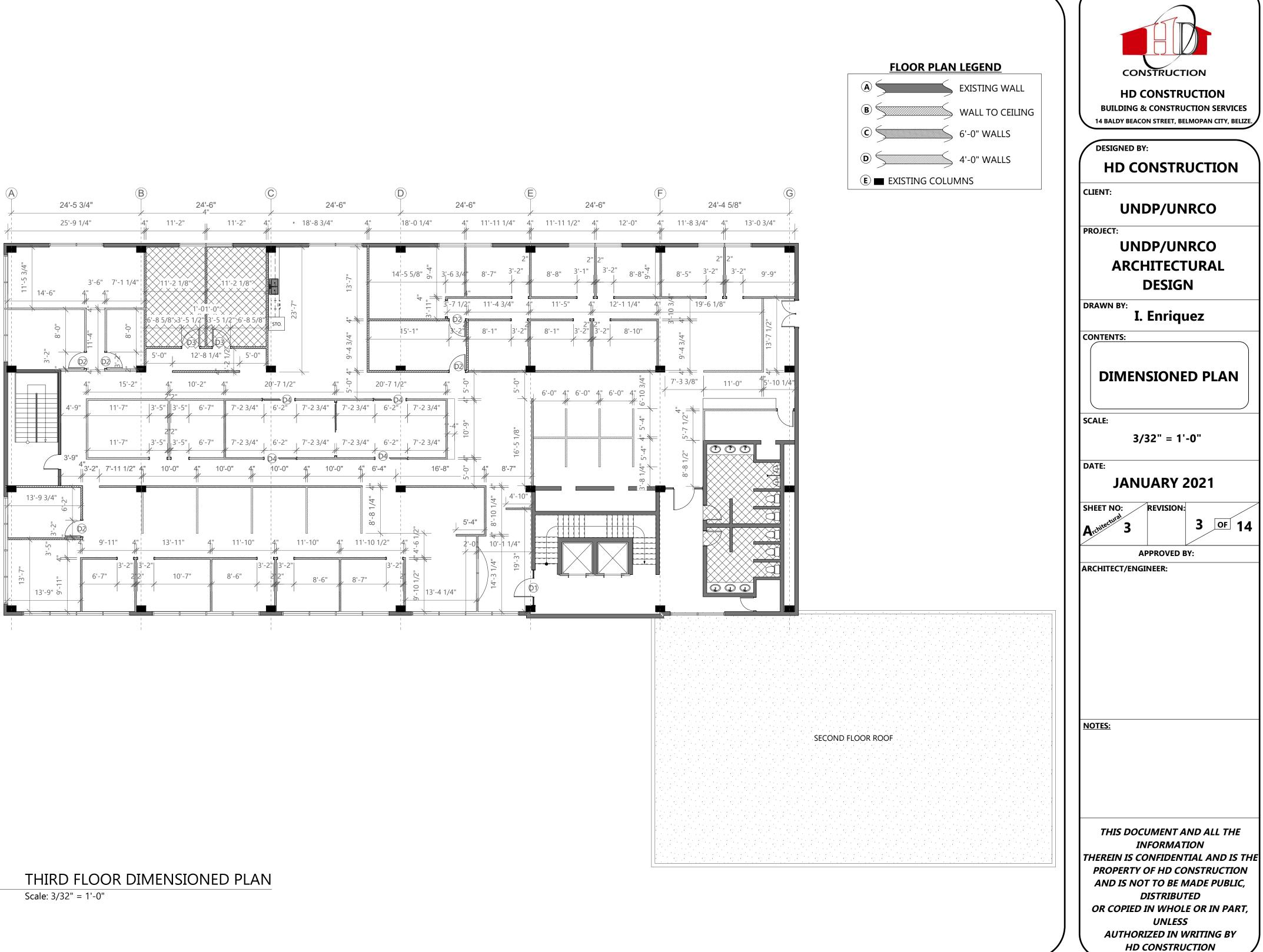
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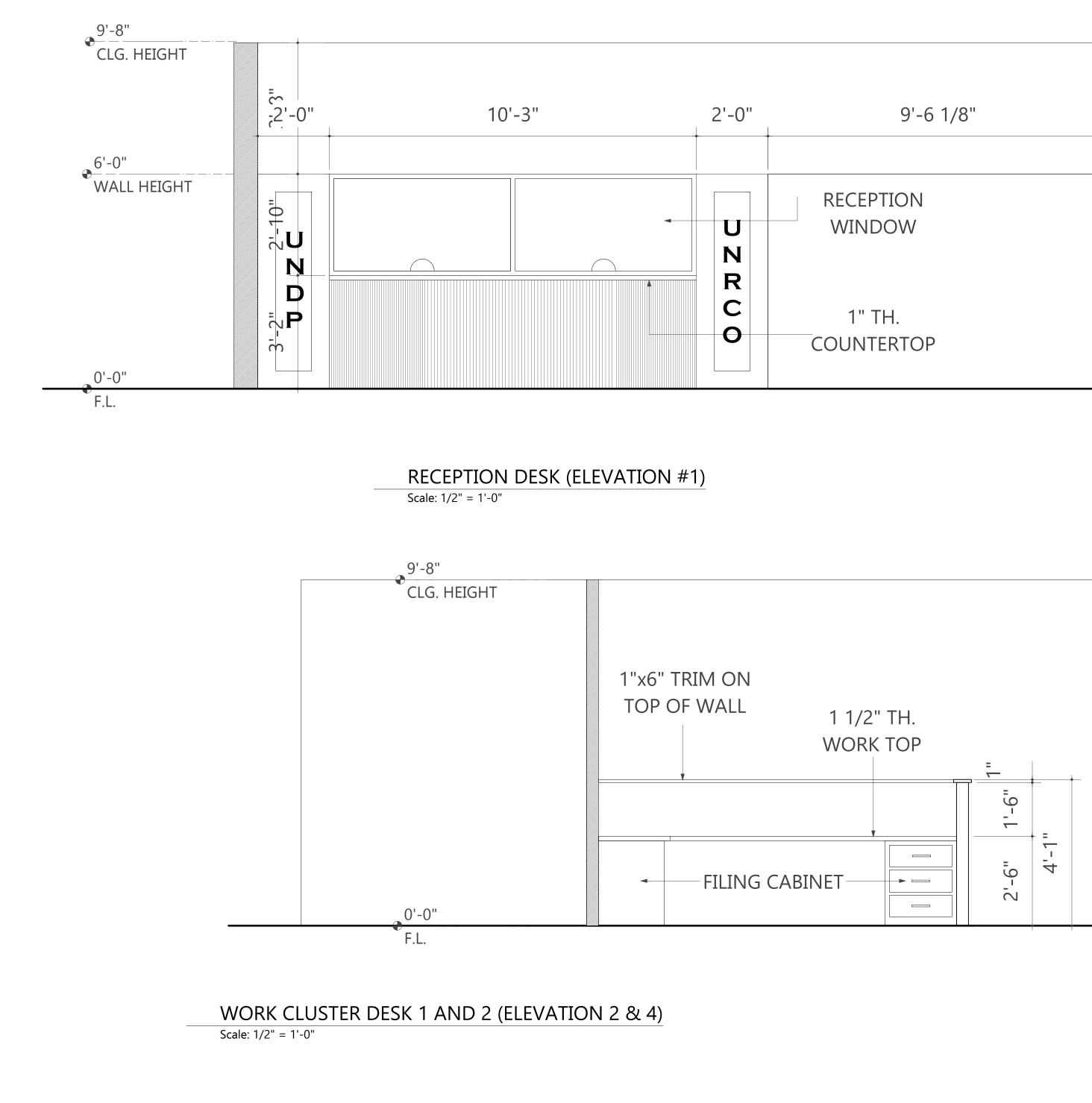
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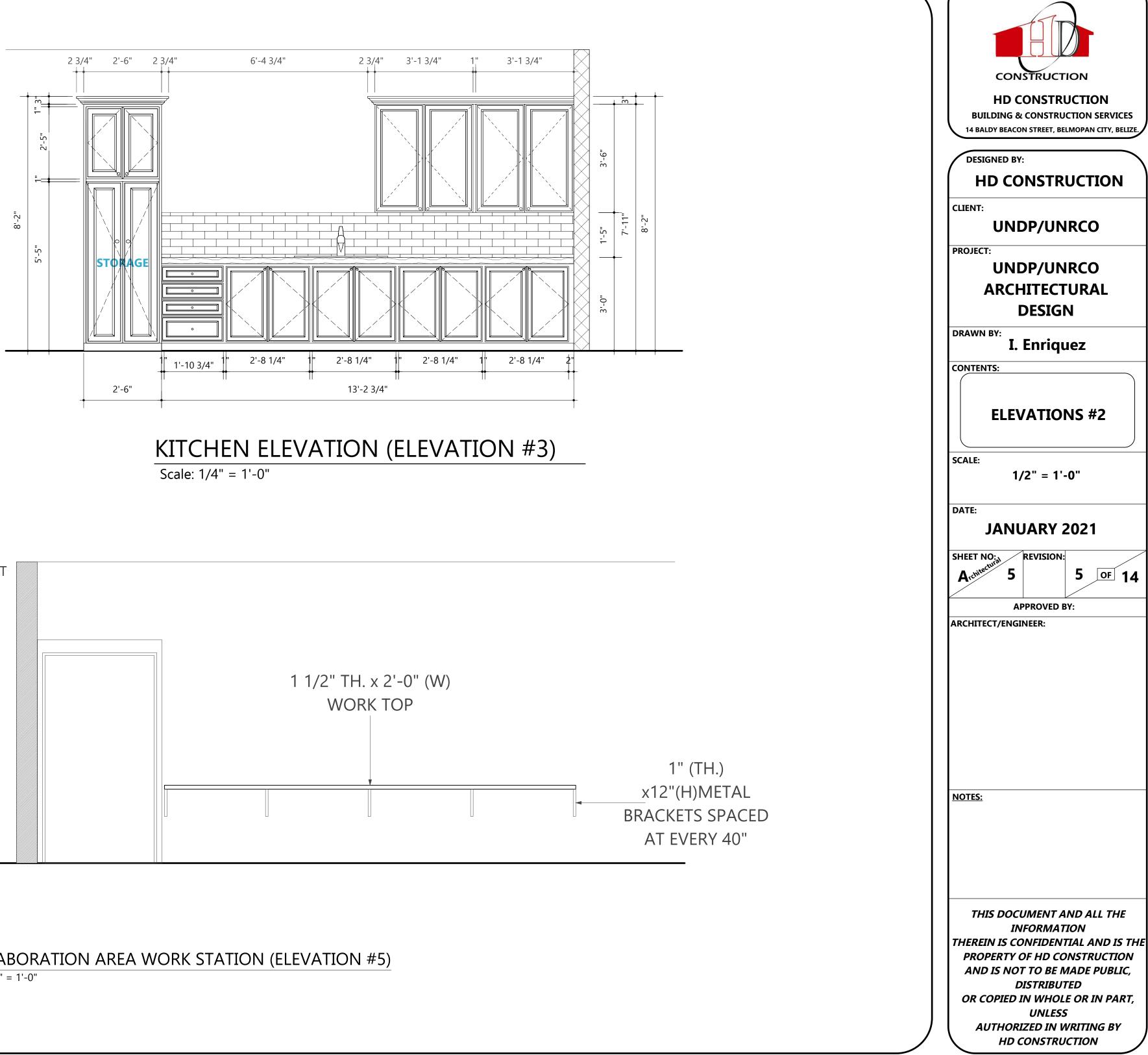


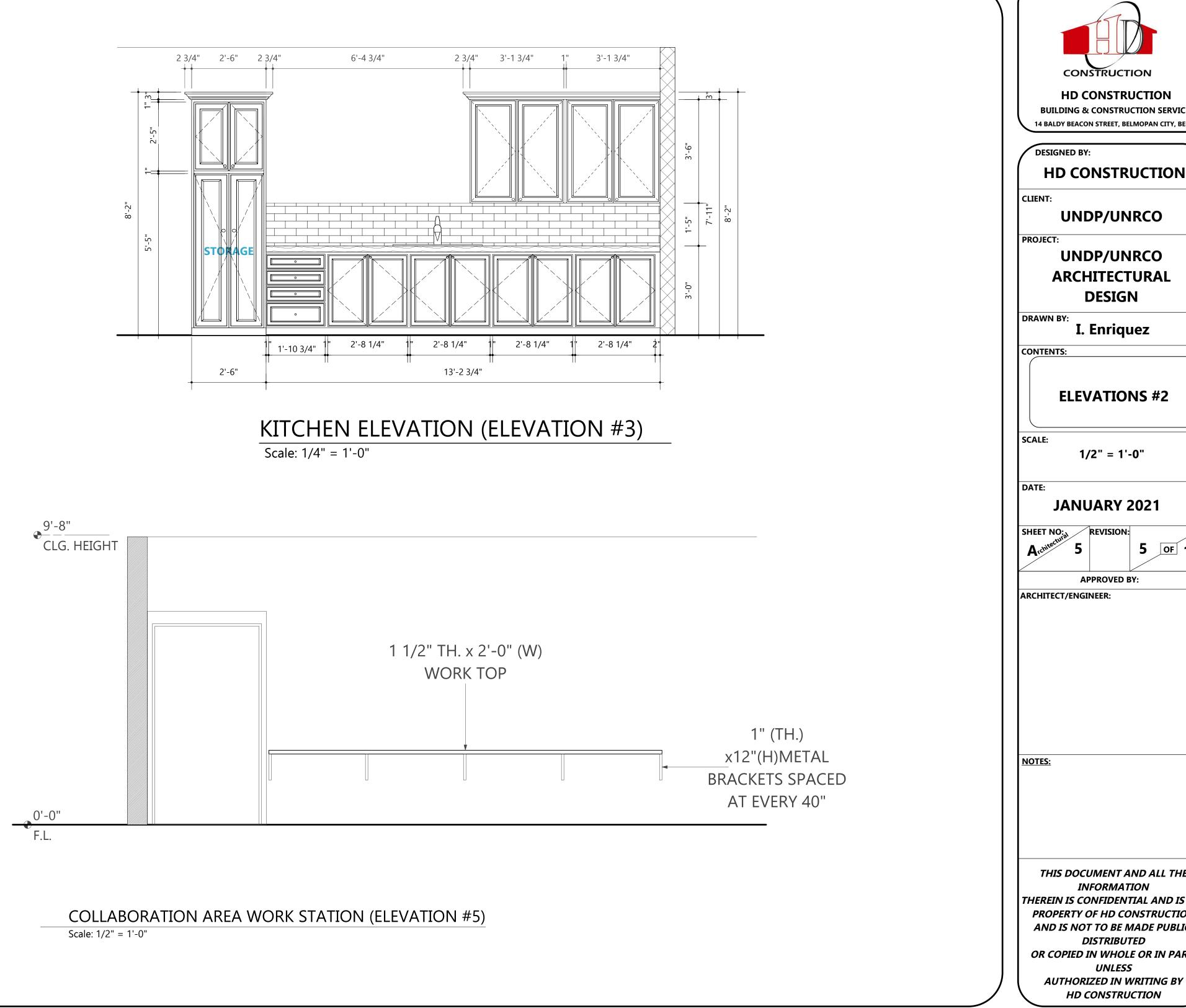


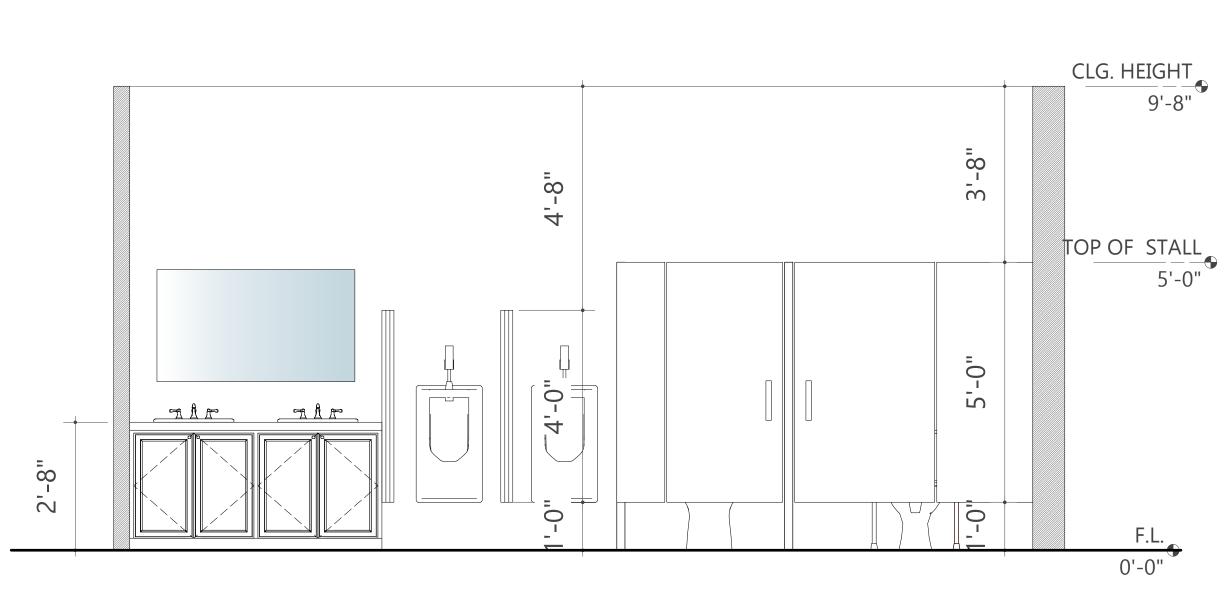


9'-6 1/8"	-
 RECEPTION WINDOW	
1" TH. COUNTERTOP	

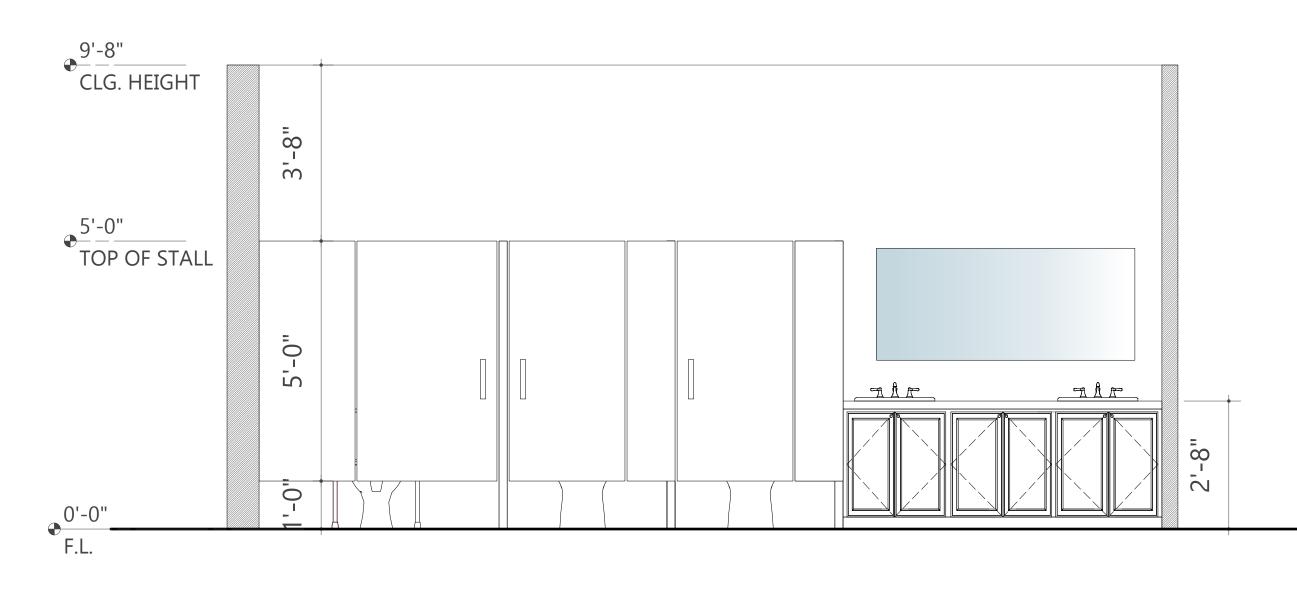
CONSTRUCTION
HD CONSTRUCTION BUILDING & CONSTRUCTION SERVICES 14 BALDY BEACON STREET, BELMOPAN CITY, BELIZE.
DESIGNED BY:
HD CONSTRUCTION
CLIENT: UNDP/UNRCO
UNDP/UNRCO ARCHITECTURAL
DESIGN
drawn by: I. Enriquez
CONTENTS:
ELEVATIONS #1
SCALE:
1/2" = 1'-0"
DATE: JANUARY 2021
SHEET NO: REVISION:
Architectural 4 OF 14
APPROVED BY: ARCHITECT/ENGINEER:
NOTES:
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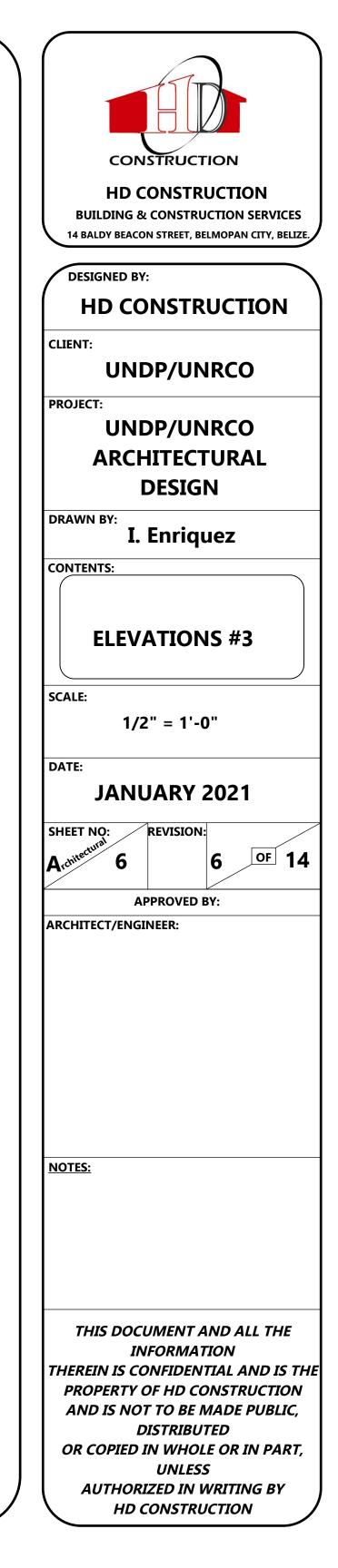


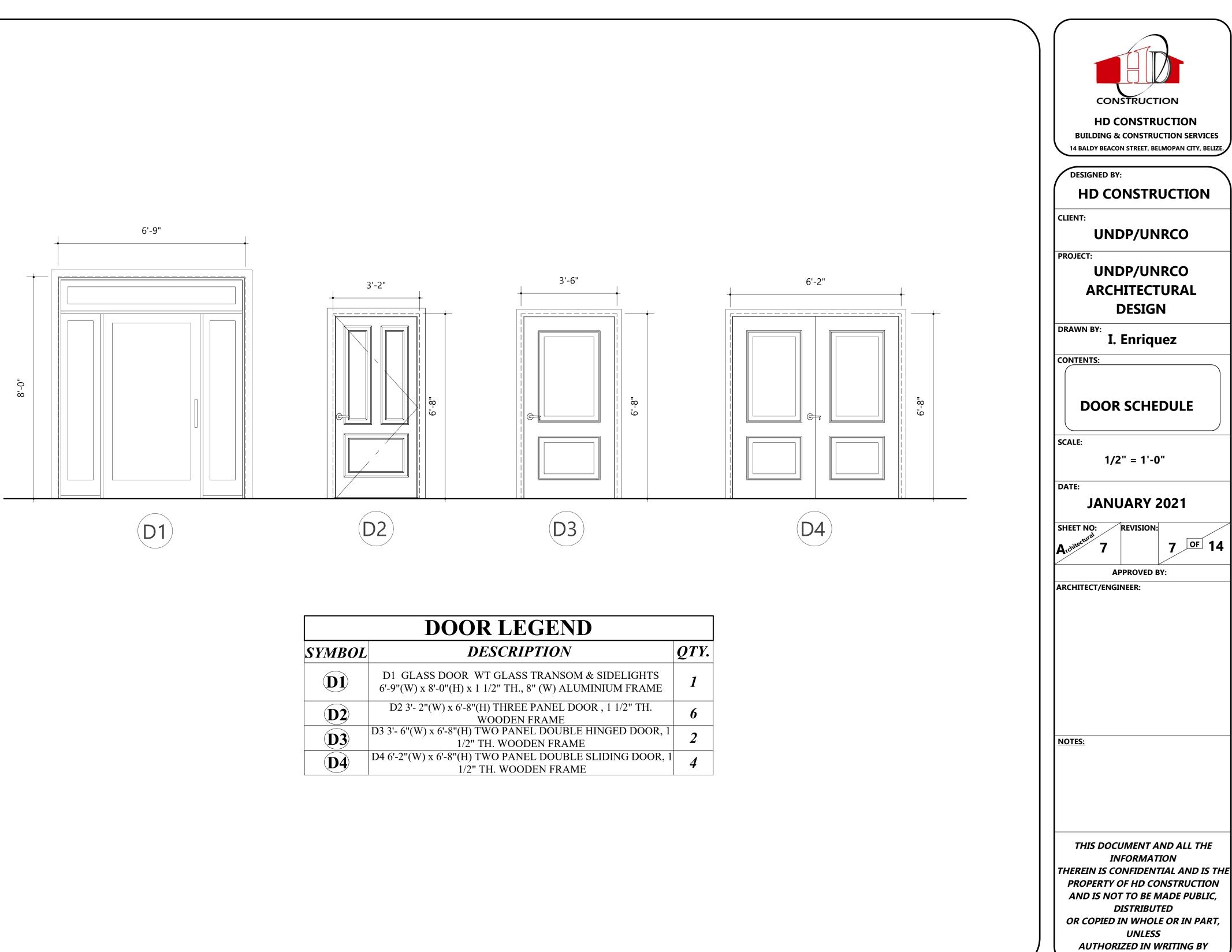
MALE RESTROOM ELEVATION (ELEVATION #6) Scale: 1/2" = 1'-0"



FEMALE RESTROOM ELEVATION (ELEVATION #7) Scale: 1/2" = 1'-0"

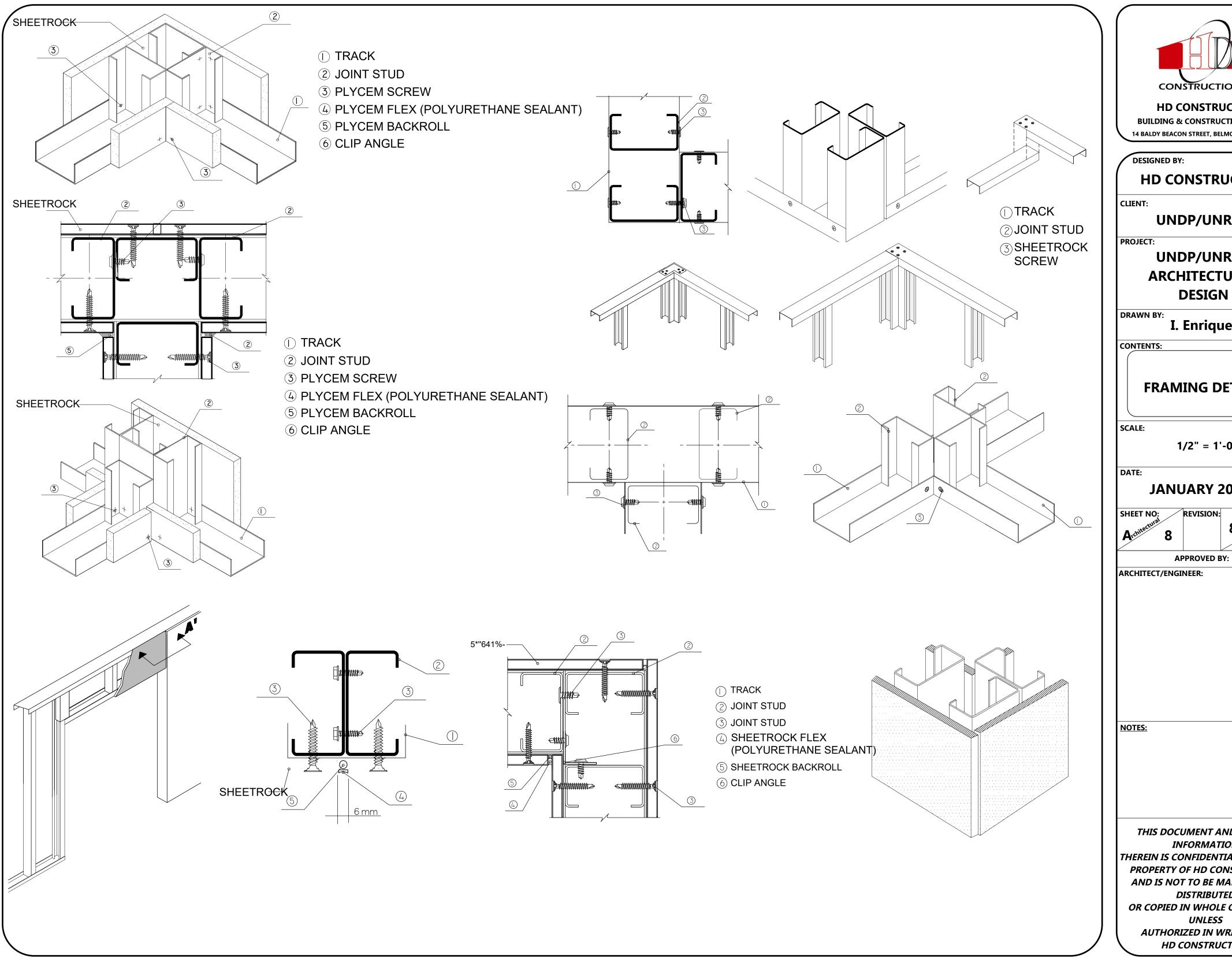






HD CONSTRUCTION

	DOOR LEGEND
SYMBOL	DESCRIPTION
DI	D1 GLASS DOOR WT GLASS TRANSOM & SIDE 6'-9"(W) x 8'-0"(H) x 1 1/2" TH., 8" (W) ALUMINIUM
D2	D2 3'- 2"(W) x 6'-8"(H) THREE PANEL DOOR , 1 1 WOODEN FRAME
D3	D3 3'- 6"(W) x 6'-8"(H) TWO PANEL DOUBLE HINGE 1/2" TH. WOODEN FRAME
D4	D4 6'-2"(W) x 6'-8"(H) TWO PANEL DOUBLE SLIDIN 1/2" TH. WOODEN FRAME



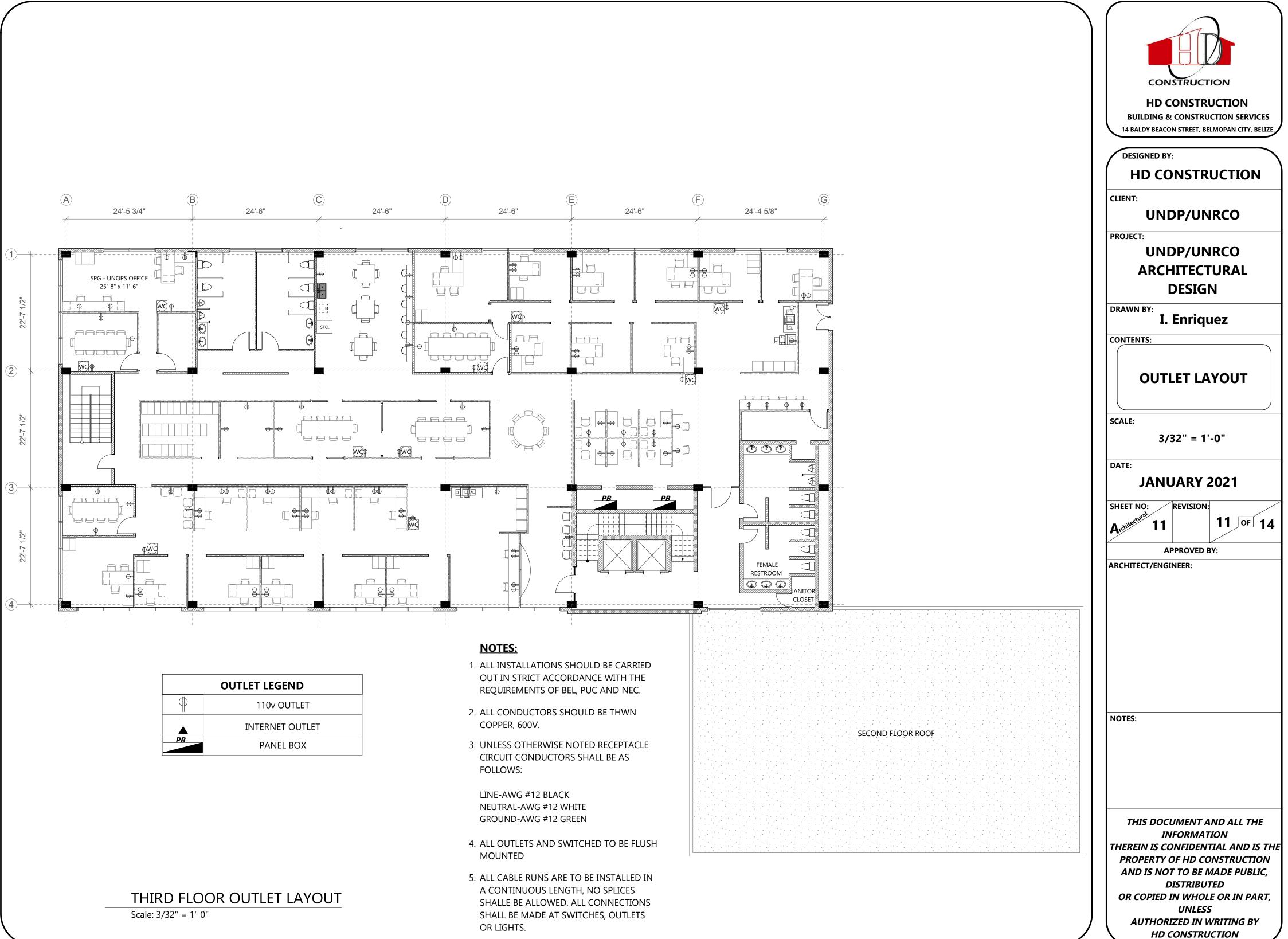
CONSTRUCTION
BUILDING & CONSTRUCTION SERVICES
14 BALDY BEACON STREET, BELMOPAN CITY, BELIZE.
DESIGNED BY:
HD CONSTRUCTION
CLIENT: UNDP/UNRCO
PROJECT:
UNDP/UNRCO
ARCHITECTURAL
DESIGN
drawn by: I. Enriquez
CONTENTS:
FRAMING DETAILS
SCALE:
1/2" = 1'-0"
DATE: JANUARY 2021
SHEET NO: REVISION:
Archivectural 8 OF 14
APPROVED BY:
ARCHITECT/ENGINEER:
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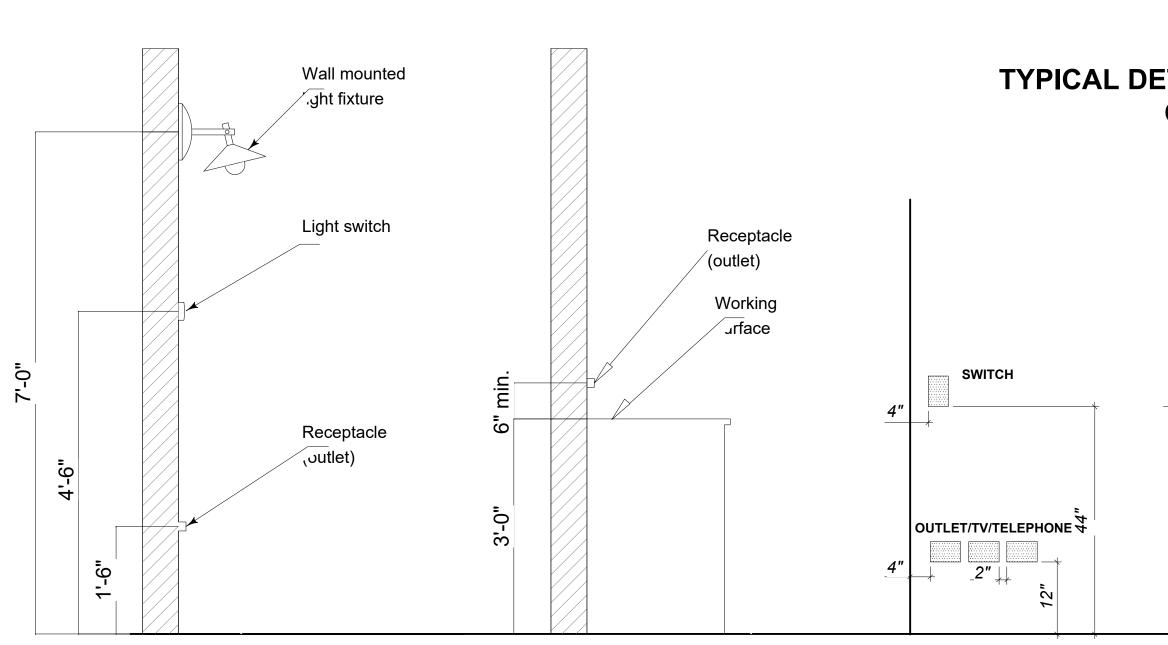


DESCRIPTION	<u>SYM</u>
SINGLE POLE LIGHT SWITCH	\$
2'x4' LED FLAT PANEL TROFFER LIGHT	
EXTRACTOR/EXHAUST FAN	X

 \bigcirc (A) (D) (E) 24'-5 3/4" 24'-6" 24'-6" 24'-6" 24'-6" 701 R R ₩ A D SPG - UNOPS OFFICE Ŀ 25'-8" x 11'-6" \square _____



OUTLET LEGEND	
(((((((((((((((((((110v OUTLET
	INTERNET OUTLET
PB	PANEL BOX



TYPICAL SECTIONS OF WALL SHOWING LOCATIONS OF FIXTURES

NOTE: ALL AV

GENERAL ELECTRICAL NOTES

1.) ALL WORKS SHALL BE DONE IN ACCORDANCE WITH LOCAL APPLICABLE CODE.

2.) THE DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL OFFSETS, BENDS AND BOXES REQUIRED TO MAKE A COMPLETE NEAT INSTALLATION IN ACCORDANCE WITH APPLICABLE CODE.

3.) APPROVAL SHALL BE OBTAINED FROM STRUCTURAL ENGINEER PRIOR TO CUTTING OR DRILLING ANY STRUCTURAL SUPPORT MEMBER.

4.) WIRE SIZES SHALL BE #12 THHN / THWN UNLESS OTHERWISE NOTED ON PLANS. CONDUCTOR #6 OR LARGER SHALL BE THWN.

5.) ALL CONDUCTORS TO BE COPPER UNLESS OTHERWISE NOTED

6.) ALL CONDUCTORS SHALL BE RUN IN CONDUIT. (NON-METALLIC TYPE) NMC CABLE IS PERMITTED AS AN OPTION. IF PVC SCHEDULE 40 IS USED FOR UNDERGROUND FEEDERS ONLY, AN EQUIPMENT GROUND CONDUCTOR MUST BE INSTALLED AND CONDUIT SIZE INCREASE AS REQUIRED. THE USE OF NMC IS PERMITTED FOR ALL OTHER WIRING.

7.) ALL NON POWER RELATED WIRING CAN BE RUN IN CEILING PLENUM WITHOUT CONDUIT

8.) FUSES SHALL BE DUAL ELEMENT, TIME DELAY TYPE UNLESS OTHERWISE NOTED.

9.) ALL LUMINARIES SHALL BE PROPERLY SUPPORTED IN ACCORDANCE WITH THE CEILING SYSTEM MANUFACTURER RECOMMENDATIONS AND LOCAL CODE REQUIREMENTS.

10.) THIS DRAWING IS A GUIDE FOR THE ELECTRICAL INSTALLATION OF ELECTRICAL SERVICE. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE A FUNCTIONING SYSTEM.

- 11.) ALL CABLES
- 12.) ALL PULL AN
- 13.) EXACT POIN
- 14.) ALL WORK S

15.) ALL RACEW FOLLOWS:

240/120V SYSTE PHASE 'A' BLAC PHASE 'B' RED PHASE 'C' BLUE NEUTRAL WHIT GROUND GREEN

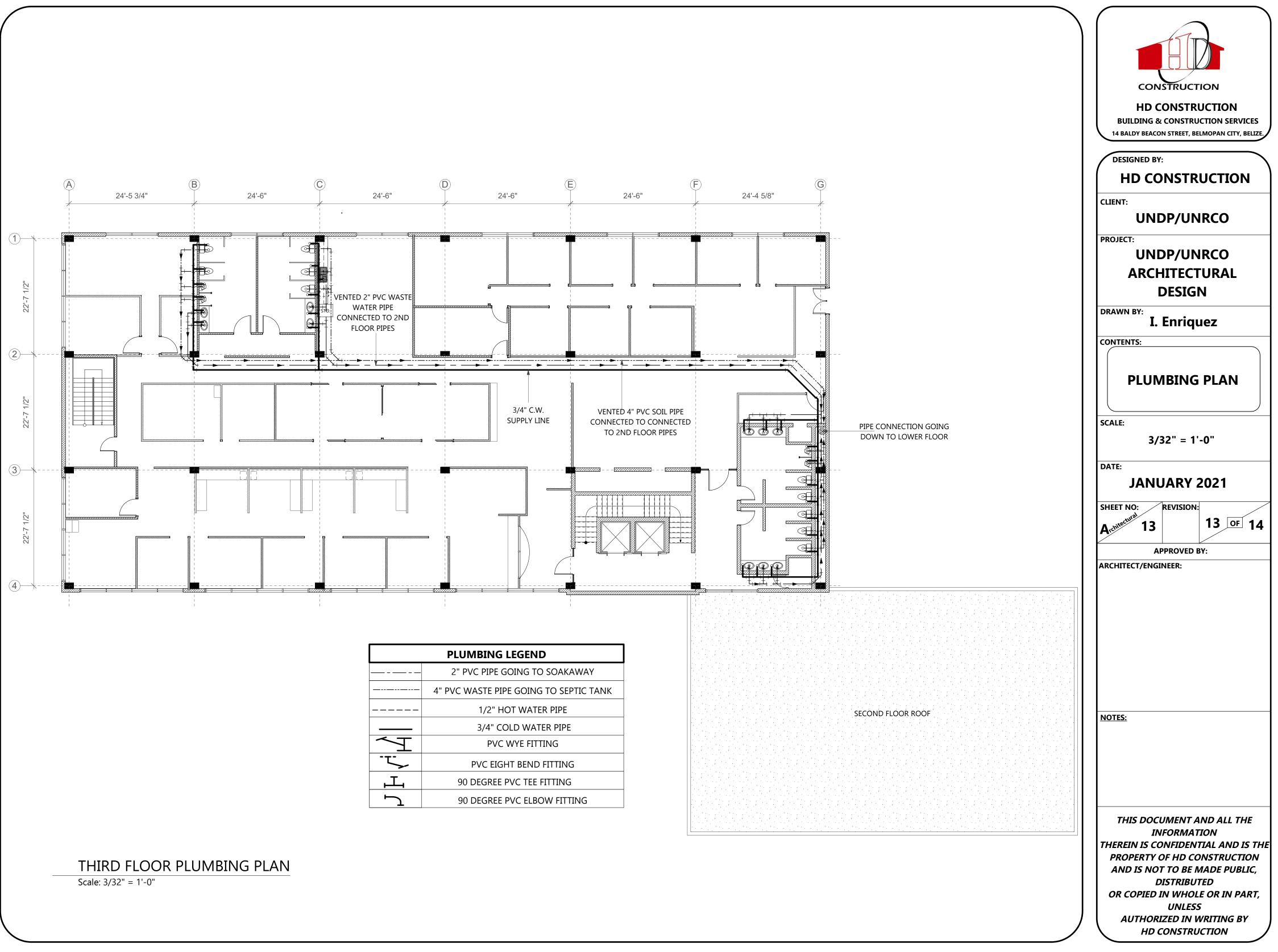
16.) ALL ROUGH

17.) ALL CONDU TO BE WEATHER

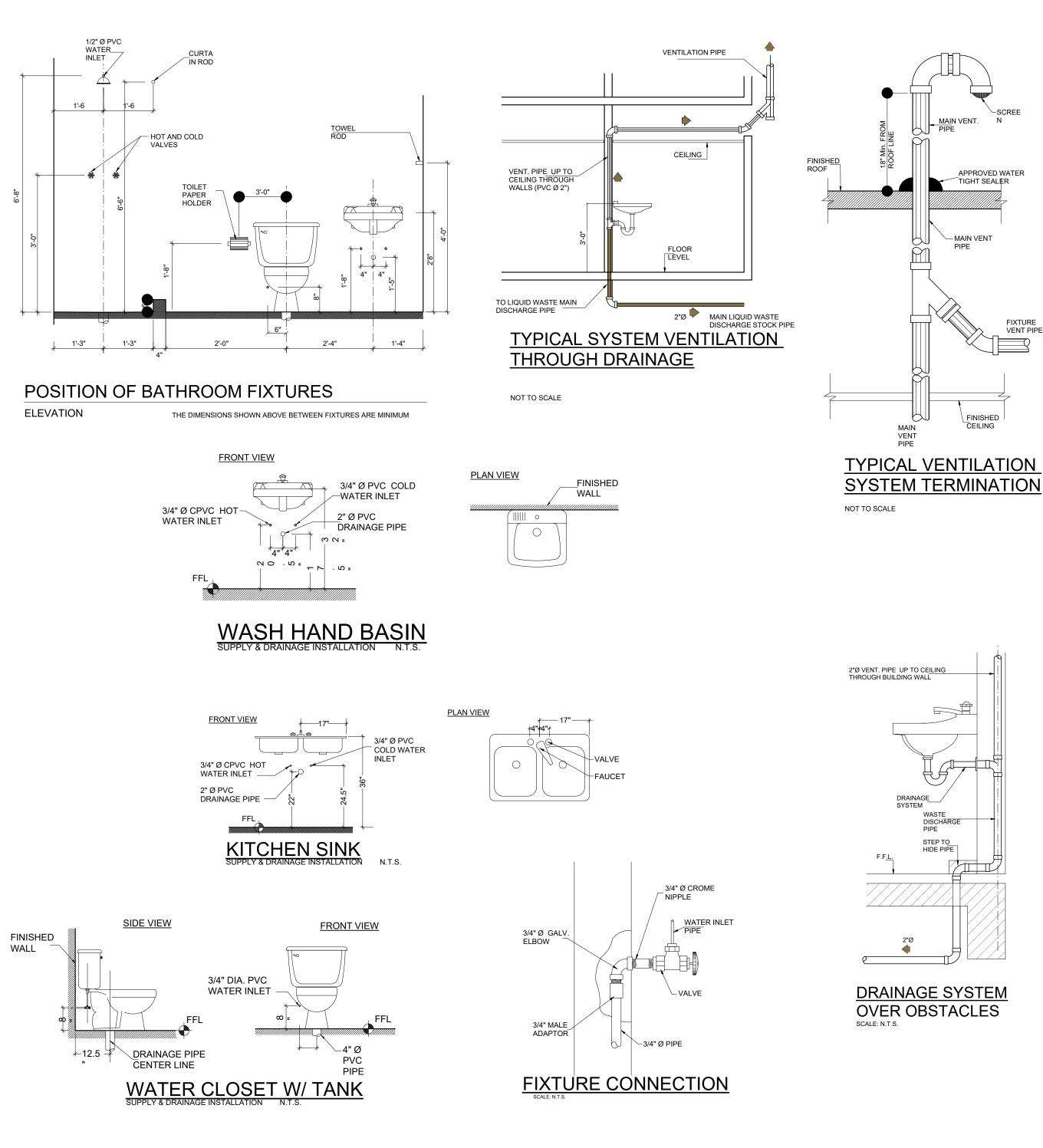
18.) CONTRACTO LOADS CONNEC & INDEPENDEN

19.) DISTRIBUTION SEPARATE NEUT

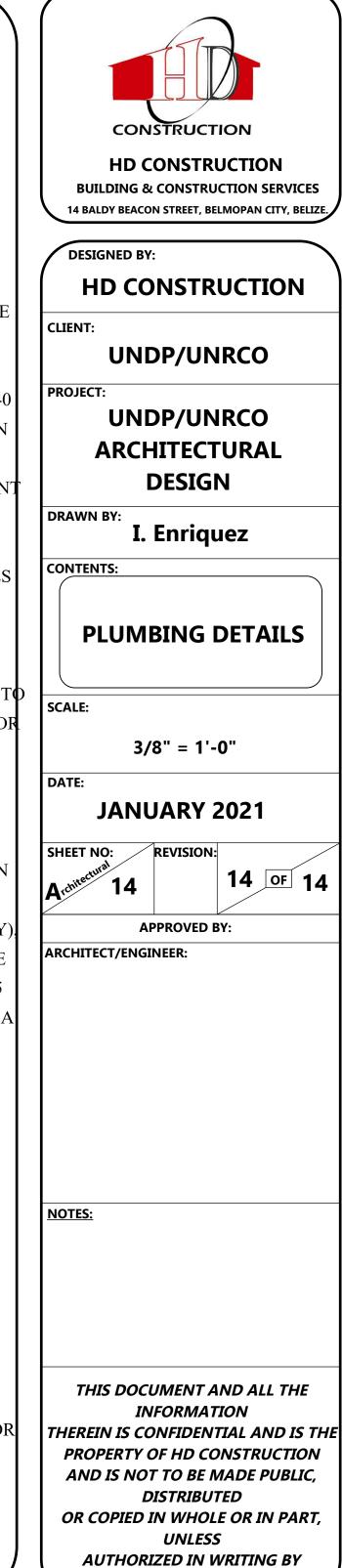
ETAIL OF SWITCHES & OUTLETS	CONSTRUCTION HD CONSTRUCTION BUILDING & CONSTRUCTION SERVICES 14 BALDY BEACON STREET, BELMOPAN CITY, BELIZE
SPOT LIGHT	DESIGNED BY: HD CONSTRUCTION
PANEL BOX	CLIENT: UNDP/UNRCO PROJECT:
	UNDP/UNRCO ARCHITECTURAL DESIGN
	Drawn by: I. Enriquez Contents:
8 ⁻ ε	INSTALLATION DETAILS
SWITCHES & OUTLETS SHOULD BE AT LEAST 4"	SCALE: 3/8" = 1'-0" DATE:
	JANUARY 2021
S SHALL BE RUN WITHOUT SPLICES EXCEPT OTHERWISE INDICATED.	SHEET NO: REVISION: Architectural APPROVED BY:
INT AND METHODS OF CONNECTION SHALL BE DETERMINED IN FIELD.	ARCHITECT/ENGINEER:
SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER.	
WAY ROUTED, INSULATED CONDUCTORS SYSTEMS SHALL BE COLOR CODED AS	
TEM CK	
E TE EN	NOTES:
H IN DIMENSIONS ARE TO CENTER LINE OF DEVICE UNLESS OTHERWISE NOTED.	
OUCTOR SPLICES IN EXTERIOR LOCATED PULL BOXES EXPOSED TO THE WEATHER ER SEALED.	
TOR IS ALLOWED TO REARRANGE THE DISTRIBUTION OF THE ELECTRICAL ECTED TO THE BRANCH CIRCUITS IN THE FIELD, AS LONG AS LOAD IS BALANCED NT CIRCUIT LOADING IS IN COMPLIANCE WITH LOCAL CODE.	THEREIN IS CONFIDENTIAL AND IS TH
ION PANELS SHALL BE NEMA1 WITH PUSH-ON BREAKERS COMPLETE WITH JTRAL AND GROUND BARS AS IS EXISTING.	PROPERTY OF HD CONSTRUCTION AND IS NOT TO BE MADE PUBLIC, DISTRIBUTED OR COPIED IN WHOLE OR IN PART, UNLESS
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	PLUMBING LEGEND	
	2" PVC PIPE GOING TO SOAKAWAY	
	4" PVC WASTE PIPE GOING TO SEPTIC TANK	
	1/2" HOT WATER PIPE	
	3/4" COLD WATER PIPE	
Η	PVC WYE FITTING	
· Ţ_	PVC EIGHT BEND FITTING	
ہت _م	90 DEGREE PVC TEE FITTING	
\Box	90 DEGREE PVC ELBOW FITTING	



GENERAL PLUMBING NOTES 1.- MAIN POTABLE WATER PIPE TO BE 3/4"Ø PVC SCH 40 PIPE. 2.- POTABLE WATER PIPE THAT LEADS TO ACCESSORIES TO BE 3/4" Ø PVC SCH 40 PIPE. 3.- HOT WATER PIPE TO BE 1/2"ø UPVC SCH 40 PIPE (IF REQUIRED) 4.- DISCHARGE PIPES FROM WATER CLOSETS KNOWN AS SOLID WASTE PIPES TO BE 4" Ø SCH 40 5.- DISCHARGE PIPES FROM LAVATORIES KNOWN AS LIQUID WASTE PIPES TO BE 2" Ø SCH 40 6.- ALL FITTING FOR LINES TO BE INCLUDED. VENT PIPES TO BE 2" Ø AND TO INCLUDE A MAIN VENTSTOCK OF 2"Ø. 7.- CHANGES IN DIRECTION OF SOIL/WASTE LINES TO BE AT 135°. 8.- ALL FIXTURES SHALL HAVE A 1/2" Ø ANGLE VALVE. 9.) ALL DRAINAGE PIPES CHANGE IN DIRECTION T ϕ BE FITTED WITH A 135° ELBOW, EITHER SINGLE OF DOUBLE FLANGE JOINT. 10.) CHANGE IN DIRECTIONS SHOULD BE FITTED WITH A CLEAN OUT POINT THAT COULD BE EASILY ACCESSED & SEALED AFTER USE. 11.) DRAINAGE SLOPE IS CALCULATED BASED ON MAGUIRE'S RULE OF THUMB, WHICH GIVES A FALL ACCORDING TO RATE OF FLOW (VELOCITY) DEPENDING ON THE DIAMETER OF THE PIPE. THE VELOCITY REQUIRED SHOULD BE AT LEAST 0.75 m/s (2.46 ft/s), TO ENSURE SELF CLEANSING WITH A DRAINAGE CAPACITY OF CLEAR FLOW CONDITION. 12.) ALL PIPES TO BE CONCEALED IN WALLS OR COLUMNS. IN THE CASE OF COLUMNS AN ADDITIONAL MASS CONCRETE TO BE FITTED TO STRUCTURAL COLUMNS TO CONCEALPIPES DRAINAGE SLOPE FOR DRAINAGE PIPES 4"ØSW PIPE: USE A SLOPE OF 1 IN 40 2"ØLW PIPE: USE A SLOPE OF 1 IN 20 12.) ONLY VENT PIPES CHANGE IN DIRECTION COULD BE FITTED WITH A 90° ELBOW, EITHER SINGLE OR DOUBLE FLANGE JOINT.



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