


[illegible]

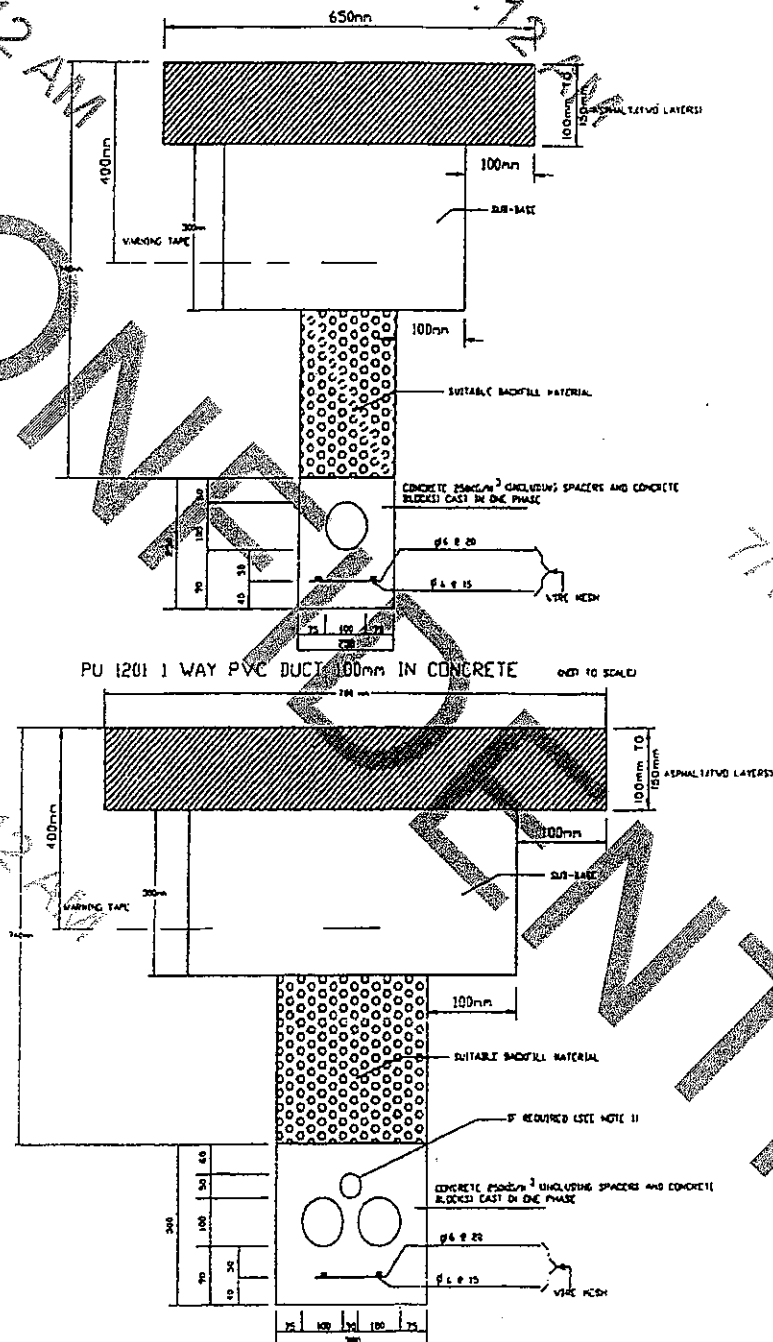
THE TOP 50mm DUCT SHOULD REST DIRECTLY ON TOP OF THE 100mm DUCT,  
BUT NOT BETWEEN TWO 100mm DUCTS TO ALLOW FOR CONCRETE IN THE  
SPACE BETWEEN THE DUCTS.

PU 1202 2 WAY PVC DUCT 100mm IN CONCRETE

NOT TO SCALE

 <p>DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS PHILIPPINES</p>	OSP Project	Drawing 19630 / 1925	
	REINSTATEMENT CLASS C	SCALE 1" = 100'	DRAWN
	ROAD	DATE 10/1/63	CHECKED
			APPROVED

# CLASS B PRIMARY AND SECONDARY ROADS

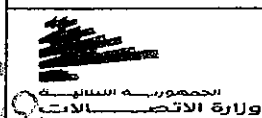


## NOTE 1

THE TOP 50mm DUCT SHALL REST EXACTLY ON TOP OF THE ROAD PAVEMENT BUT NOT BETWEEN TWO ROAD DUCTS TO ALLOW FOR CONCRETE IN THE SPACE BETWEEN THE DUCTS.

## PU 1202 2 WAY PVC DUCT 100mm IN CONCRETE

(NOT TO SCALE)



OSP Project

REINSTATEMENT CLASS B

ROAD

Drawing

L9630 / 1915

SCALE

DATE

DRAWN

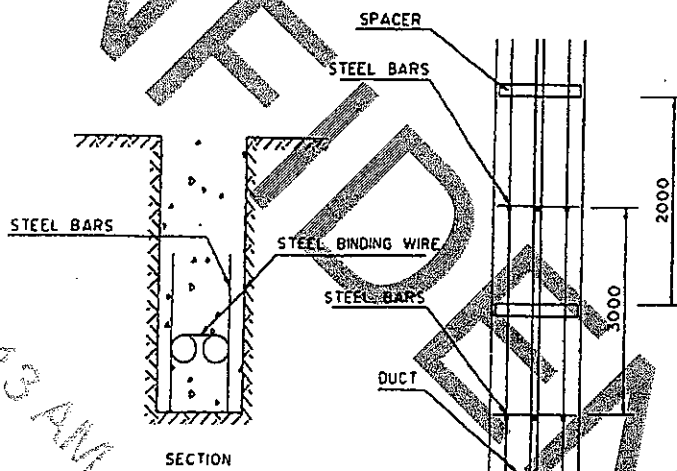
CHECKED

DESIGNED

APPROVED

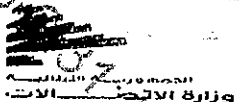
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CONFIDENTIAL

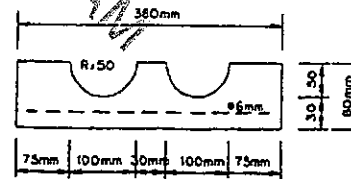
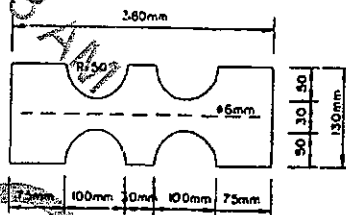


SECURE THE POSITION OF THE DUCTS

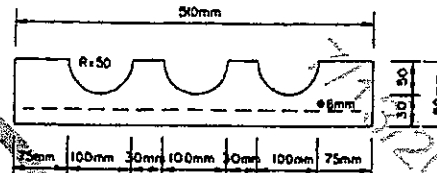
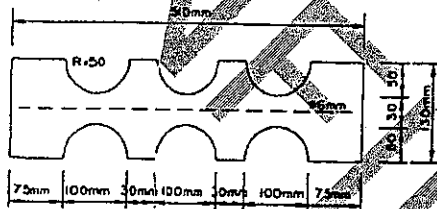
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	OSP Project	Drawing 19630 / 1967	
	DUCT LAYING	SCALE	DRAWN
		DATE	CHECKED
			DESIGNED

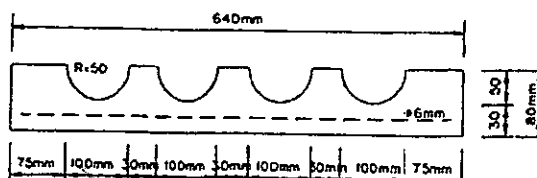
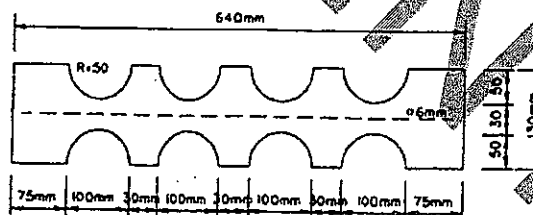
STC SARL Contracting Co.



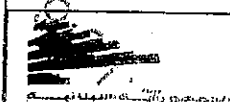
CONCRETE DUCT SPACER  
WIDTH: 10cm



CONCRETE DUCT SPACER  
WIDTH: 10cm



CONCRETE DUCT SPACER  
WIDTH: 10cm



OSP Project  
EXAMPLES OF DUCT SPACER

Drawing  
L9630 / 1999

SCALE

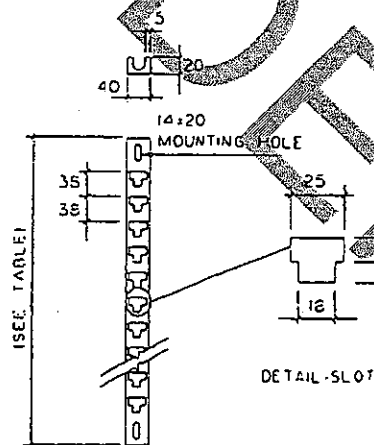
DRAWN

DESIGNED


MANHOLE TYPE (SIZE METRES)	SUPPORT LENGTH "L" METRES	QUANTITY
A (3x1.3x1.9)	1.8	4
B (3.8x1.5x2.5)	1.8	6
C (3.8x1.5x2.5)	2.3	6
D (5x2x2.5)	2.3	8
HAIC (0.91x0.46x0.82)	0.3	2
HAIC (1.2x0.68x0.87)	0.5	2
HAIC (2.28x0.68x1.05)	0.5	3

#### BRACKET SUPPORT DIMENSIONS

- ALL MEASUREMENTS ARE IN MILLIMETERS AND INCLUDE GALVANIZATION THICKNESS



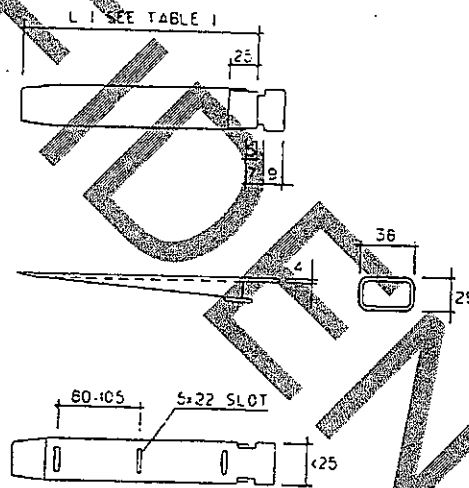
#### BRACKET SUPPORT

 الجمهورية اللبنانية وزارة الموارد المائية	OSR Project		Drawing L9630 / 1204		
	BRACKET SUPPORTS		SCALE	DRAWN	DESIGNED
			DATE	CHECKED	APPROVED
			DECEMBER 2014		



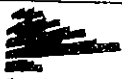
TABLE

MANHOLE OR HANDHOLE TYPE (meters)	BRACKET LENGTH (millimeters)	QUANTITY PER CABLE BRACKET SUPPORT
A (3.0x1.3x1.9)	350-360	6 PER SUPPORT
B (3.8x1.5x1.9)	350-360	6 PER SUPPORT
C (3.8x1.5x2.5)	350-360	6 PER SUPPORT
D (5.0x2.0x2.5)	500	6 PER SUPPORT
HH1C (0.9x0.46x0.82)	250-250	1 PER SUPPORT
HH2C (1.2x0.68x0.87)	250-250	2 PER SUPPORT
HH3C (2.28x0.68x1.05)	350-360	3 PER SUPPORT



## NOTE:

1. THIS TYPE OF BRACKET IS USED WITH BRACKET SUPPORT HAVING A 38mm SLOT
2. ALL DIMENSIONS ARE IN MILLIMETERS AND INCLUDE GALVANIZATION THICKNESS.



الجمهورية اللبنانية  
وزارة المياه والكهرباء

OSP Project  
CABLE BRACKETS

Drawing  
19630 / 1201

SCALE

DATE

DECEMBER 2014

DRAWN

CHECKED

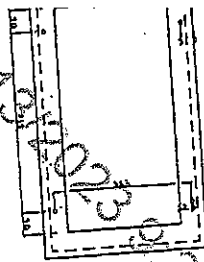
DESIGNED

APPROVED

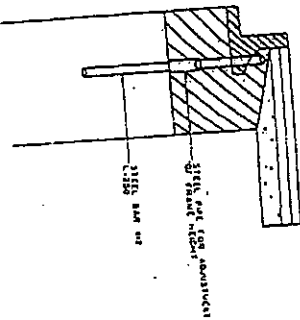
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SECT

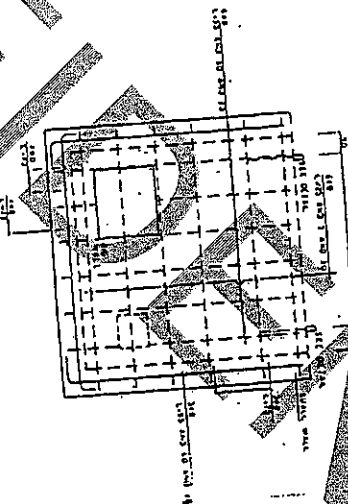
SECTION X-X



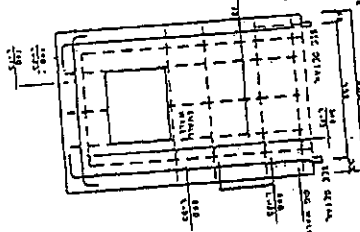
LINE TEMPLATE FOR COVER FRAMES



COVER FRAME ADJUSTMENT DETAIL



SECTION X-X



SECTION Y-Y

SECTION Y-Y

BACKET SUPPORT DETAIL  
TOP VIEW

SECTION T.Y.

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MINISTRY OF POSTS  
AND  
TELECOMMUNICATIONS

والصحة والسلامة

OSF

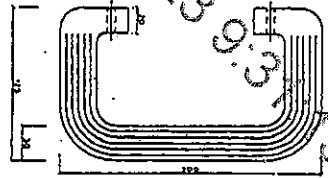
PROJECT

19630 / 16-60

14400LES No. 15,  
CONCRETE & REINFORCEMENT

**STC**

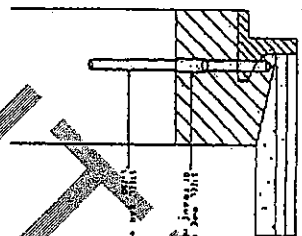
DETAIL OF HANDLE  
PULLING EYE



SECTION X-X

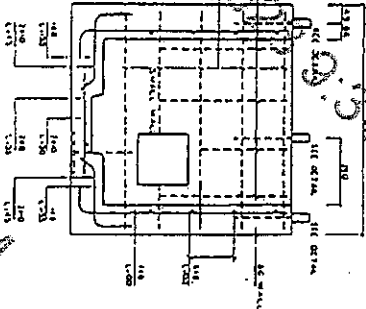


CABLE BRACKET SUPPORT DETAIL  
TOP VIEW

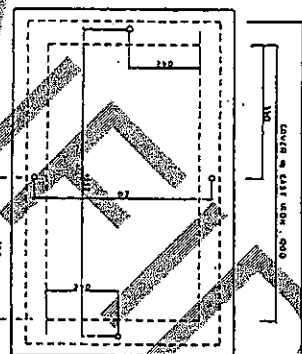


COVER FRAME ADJUSTMENT DETAIL

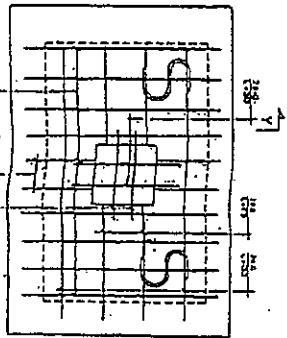
SECTION Y-Y



SECTION Y-Y  
DRILLING TEMPLATE FOR COVER FRAME



PLAN



MINISTRY OF POSTS  
AND  
TELECOMMUNICATIONS

O.S.P - 21 PROJECT

HANDHOLES No. 2C,  
DIMENSIONS & REINFORCEMENT

**APPROVED**  
SUPERVISOR  
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