FOUNDATION PLAN
FOUNDATION PLAN
Steel plates designed by CNC machines

Stone panel 5 cm thick (Coplan)

Stone panel 20 cm thick (Coplan)

Plastic Painting

Detail A-A

Granite Tile

Steel Sliding Door

Front view

Detail A-A
EXPANSION JOINT EVERY 12.0m MAX.

FENCE TYPICAL PLAN

SECTION 1-1

SECTION 2-2

Well compacted Sub Base 95%

BLINDING

Foundation

Cover

Concrete for The Columns

Hollow block (20*20*40)cm

6Ø12 mm
Ø10mm@250mm
columns of steel square tube 3x3 inch and 3mm thick

sub-beam using rectangular steel section of 3 x 2 inch and 3 mm thick each 1m

0.8mm thick corrugated plates

beams of roof structure from steel square tube 3x3 inch and 3mm thick

columns of steel square tube 3x3 inch and 3mm thick

Detail A-A

columns of steel square tube 75x75x3mm

Base plate of (250x250x6mm)

(4) Bolts of Ø18mm

Detail B-B

sub-beam using rectangular steel section of 3 x 2 inch and 3 mm thick each 1m

0.8mm thick corrugated plates
Casting column footing (60x60x60cm)

(4) anchor bolts of Ø16mm

Base plate of (200x200x10mm)

K-span sunshade
using plate of 2mm thick

steel drain trench using steel plate of 2 mm

sub beam of steel square tube 100x100x3mm

columns of steel square tube 100x100x3mm

columns of steel square tube 100x100x3mm

F.F.L

1/100

DRAWING

MINISTRY OF HOUSING & CONSTRUCTION

DATE

AR/21

FATMA J. EDAAN

K-span sunshade
Steel Ladder Details

Square Hollow Section Pipe 3" and 3 mm thick

Square Hollow Section Pipe 2" and 2 mm thick

Square Hollow Section Pipe 3" and 3 mm thick

Square Hollow Section Pipe 2" and 2 mm thick
الواجهة الأمامية للإدارة والورشة
Steel Guard Frame

120cm

170cm

Steel Guard Frame

240cm

20cm

Steel plates of 2 mm thick designed by CNC machines

Round hollow section steel of 1.5 inch and 2 mm thick.

Steel hollow Rectangle section of 2 inch and 3 mm thick.

Details of Window and Steel Burglar

Window and Steel Burglar job

Architect Engineer job

Title job

No. job

SCALE CL/SFB

DRAWING DRG No.

REVISION SUFFIX DRAWING REVISIONS

INIT MINSTRY OF HOUSING & CONSTRUCTION

DATE AR/28

FATMA J. EDAAN

Secondary school

18 classrooms
Steel plates of 2 mm thick designed by CNC machines

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Steel Sliding Door

Steel plates designed by CNC machines

Steel plates designed by CNC machines

Steel plates designed by CNC machines

Steel plates designed by CNC machines
Steel hollow Rectangle section of 1.5*2 inch and 3 mm thick

Steel hollow square section of 1.5 inch and 3 mm thick

Steel angle section of 1 inch and 3 mm thick

Steel hollow square section of 3 inch and 3 mm thick

Steel hollow square section of 2 inch and 3 mm thick

1 m Height For The Walls Openings of the First Floor

Steel Burglar Bars for The Internal Corridors

Steel plates of 2 mm thick designed by CNC machines

Steel Burglar Bars for The Internal Corridors

Details of Steel Burglar

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مكـّبر درج الطابق الأول

مكـّبر درج الطابق الأرضي

موزائيـك سمك 30 ملم
مونة سمنت 20 ملم
صـبة كونكريـت

موزائيـك سمك 30 ملم
مونة سمنت 20 ملم
صـبة كونكريـت

مشـيـش سمك 8 مـلم
وسمنت 100 مـلم

벽 بياض

roll bolt 12 mm.

مقياس 10/1
WATER SUPPLY LAY-OUT IN TOILET NO(2)

DRAINAGE LAY-OUT IN TOILET NO(2)
Manholes of 40 x 40 cm

- Plain concrete of 21 Mpa compressive strength and 10 cm thick
- Sub-base layer "Class B"
- Hard plastic manhole cover 40x40cm

Manholes of 60 x 60 cm

- Plain concrete of 21 Mpa compressive strength and 10 cm thick
- Sub-base layer "Class B"
- Hard plastic manhole cover 60x60cm
A/C TYPE DETAIL

A/C TYPE SCHEDULE

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<th>No.</th>
<th>20N</th>
<th>CAPACITY</th>
<th>ELECTRICAL POWER</th>
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FAN SCHEDULE

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INSTALLATION OF EXHAUST FAN ON WINDOW
Exhaust fan of 8 inch diameter with electrical switch of 10 Amp capacity
Drawing Title: CL/SFB
Scale:

Checks:

To F.D.B.1

Job No.: 13

Job Title: 14

Architect: WAFAA HAMEED
Engineer:
ابتدائيــــــــة
مدرسة
صف 12
سعة نموذجيـــة
الصفوف
جنـاح والاول
الارضـــي
الطـابق
النـارة
Typical secondary school
12 classrooms
main and secondary electric boards