using System;

usingSystem.Collections.Generic;

usingSystem.Linq;

usingSystem.Web;

usingSystem.Web.UI;

usingSystem.Web.UI.WebControls;

usingSystem.Data.SqlClient;

using System.IO;

public partial class subs\_testing : System.Web.UI.Page

{

//SqlConnectioncn = new SqlConnection(@"Data Source = (LocalDB)\MSSQLLocalDB;AttachDbFilename=|DataDirectory|\building.mdf;Integrated Security = True");

// connectionString="Server=(LocalDB)\v11.0;Initial File Name=|DataDirectory|\DatabaseFileName.mdf;Database=DatabaseName;Trusted\_Connection=True;MultipleActiveResultSets=True"

SqlConnectioncn = new SqlConnection(@"Data Source = (LocalDB)\MSSQLLocalDB;Initial File Name=|DataDirectory|\building.mdf;Trusted\_Connection=True;MultipleActiveResultSets=True");

protected void Page\_Load(object sender, EventArgs e)

{

try

{

stringpt = Request.QueryString["val"];

TextBox1.Text = pt.ToString();

}

catch

{

Response.Redirect("basicareas.aspx");

}

}

protected void DetailsView1\_ItemInserted(object sender, DetailsViewInsertedEventArgs e)

{

try

{

}

catch

{ erromsg(); }

}

protected void DetailsView1\_PreRender(object sender, EventArgs e)

{

GridView2.DataBind();

GridView3.DataBind();

GridView4.DataBind();

GridView1.DataBind();

//ScriptManager.RegisterClientScriptBlock(this, this.GetType(), "alertMessage", "alert('Thank you ,updayed successfully ')", true);

//TextBox1.Text = "1";

//DetailsView1.Rows[0].Cells[1].Text = TextBox1.Text;

}

protected void Button1\_Click(object sender, EventArgs e)

{

cn.Open();

stringsql = "update [table] set pcfopnumber='" + TextBox1.Text + "' where pcfopnumber IS NULL ";

SqlCommandcmd = new SqlCommand(sql, cn);

cmd.ExecuteNonQuery();

cn.Close();

GridView2.DataBind();

GridView3.DataBind();

GridView4.DataBind();

GridView1.DataBind();

}

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET projectid='" + TextBox1.Text + "', Polthylene\_volume='" + TextBox20.Text + "',Polthylene\_price='" + TextBox9.Text + "',Polthylene\_cost='" + TextBox19.Text + "' where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

erromsg();

}

}

protected void updatpcc()

{

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET pcc\_B\_W\_C ='" + TextBox37.Text + "' ,pcc\_B\_W\_V ='" + TextBox294.Text + "',pcc\_B\_W\_P ='" + TextBox295.Text + "', projectid='" + TextBox1.Text + "' , footing\_steel\_re\_ton='" + TextBox29.Text + "',footing\_steel\_re\_ton\_price='" + TextBox30.Text + "',footing\_steel\_re\_ton\_cost='" + TextBox31.Text + "' , footing\_concrete\_volume='" + TextBox32.Text + "',footing\_concrete\_price='" + TextBox33.Text + "',footing\_concrete\_cost='" + TextBox34.Text + "' , pcc\_volume='" + TextBox35.Text + "',pcc\_price='" + TextBox27.Text + "',pcc\_cost='" + TextBox28.Text + "' where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

////erromsg();

}

}

protected void footingupdatplywood()

{

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET foo\_pw\_area ='" + TextBox40.Text + "' ,foo\_pw\_num ='" + TextBox41.Text + "' Where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

erromsg();

}

}

protected void plwoodnum()

{

double sum16 = 0;

for (int i = 0; i < GridView7.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView7.Rows[i].Cells[7].Text);

sum16 = sum16 + elm;

}

{

erromsg();

}

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET FOO\_BL\_N ='" + TextBox53.Text + "' ,FOO\_BL\_N\_Price ='" + TextBox296.Text + "' ,FOO\_MBL\_V ='" + TextBox56.Text + "',FOO\_BL\_Sand\_V ='" + TextBox58.Text + "',FOO\_BL\_Sand\_price ='" + TextBox298.Text + "', FOO\_BL\_Bag\_Cem\_N ='" + TextBox57.Text + "', FOO\_BL\_Bag\_Cem\_Price ='" + TextBox297.Text + "' Where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

erromsg();

}

}

}

protected void CheckBox19\_CheckedChanged(object sender, EventArgs e)

{

try

{

foot\_Colum\_Y16();

Foot\_Colum\_stirrups();

FOOT\_COL\_PLWOOD();

FOOT\_COL\_BINDINGWIRE();

FOOT\_COL\_CONCTER();

foot\_COLU\_UPDATE();

}

catch

{

erromsg();

}

protected void CheckBox21\_CheckedChanged(object sender, EventArgs e)

{

Foot\_Colum\_stirrups();

}

protected void Foot\_Colum\_stirrups()

{

double sum16 = 0;

for (int i = 0; i < GridView9.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView9.Rows[i].Cells[6].Text);

sum16 = sum16 + elm;

}

TextBox70.Text = sum16.ToString();

double mm = sum16 / 100;

TextBox71.Text = mm.ToString();

double kg = 10 \* 10 \* mm / 162;

TextBox72.Text = kg.ToString();

double ton = kg / 1000;

TextBox73.Text = ton.ToString();

double ton3 = Convert.ToDouble(TextBox69.Text);

TextBox76.Text = (ton + ton3).ToString();

}

protected void CheckBox22\_CheckedChanged(object sender, EventArgs e)

{

FOOT\_COL\_PLWOOD();

}

protected void FOOT\_COL\_PLWOOD()

{

double sum16 = 0;

for (int i = 0; i < GridView10.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView10.Rows[i].Cells[6].Text);

sum16 = sum16 + elm;

}

TextBox74.Text = sum16.ToString();

double l = Convert.ToDouble(TextBox38.Text);

double w = Convert.ToDouble(TextBox39.Text);

doublenumpol = sum16 / (l \* w);

TextBox75.Text = numpol.ToString();

}

protected void CheckBox23\_CheckedChanged(object sender, EventArgs e)

{

FOOT\_COL\_BINDINGWIRE();

}

protected void FOOT\_COL\_BINDINGWIRE()

{

double tony16 = Convert.ToDouble(TextBox69.Text);

doubletonstr = Convert.ToDouble(TextBox73.Text);

double total = tony16 + tonstr;

TextBox76.Text = total.ToString();

}

protected void CheckBox24\_CheckedChanged(object sender, EventArgs e)

{

FOOT\_COL\_CONCTER();

}

protected void FOOT\_COL\_CONCTER()

{

double sum16 = 0;

for (int i = 0; i < GridView11.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView11.Rows[i].Cells[6].Text);

sum16 = sum16 + elm;

}

TextBox79.Text = sum16.ToString();

}

protected void CheckBox25\_CheckedChanged(object sender, EventArgs e)

{

Panel8.Visible = CheckBox25.Checked;

}

protected void CheckBox26\_CheckedChanged(object sender, EventArgs e)

{

FOOT\_PLAINTHBEAM\_CONCRETE();

}

protected void FOOT\_PLAINTHBEAM\_CONCRETE()

{

double sum16 = 0;

for (int i = 0; i < GridView12.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView12.Rows[i].Cells[5].Text);

sum16 = sum16 + elm;

}

TextBox80.Text = sum16.ToString();

}

protected void CheckBox27\_CheckedChanged(object sender, EventArgs e)

{

FOOT\_PLYWOOD\_PLATHBEAM();

}

protected void FOOT\_PLYWOOD\_PLATHBEAM()

{

double l = Convert.ToDouble(TextBox38.Text);//PLYWOOD L

double w = Convert.ToDouble(TextBox39.Text);//PLYWOOD W

double sum16 = 0;

for (int i = 0; i < GridView12.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView12.Rows[i].Cells[6].Text);

sum16 = sum16 + elm;

}

TextBox81.Text = sum16.ToString();

double NUM = sum16 / (l \* w);

TextBox82.Text = NUM.ToString();

}

protected void CheckBox28\_CheckedChanged(object sender, EventArgs e)

{

foot\_PB\_Y16Y14();

}

protected void foot\_PB\_Y16Y14()

{

double sum16 = 0;

for (int i = 0; i < GridView13.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView13.Rows[i].Cells[9].Text);

sum16 = sum16 + elm;

}

TextBox83.Text = sum16.ToString();

double sum14 = 0;

for (int i = 0; i < GridView13.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView13.Rows[i].Cells[7].Text);

sum14 = sum14 + elm;

}

TextBox84.Text = sum14.ToString();

}

protected void CheckBox29\_CheckedChanged(object sender, EventArgs e)

{

double sum16 = 0;

for (int i = 0; i < GridView13.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView13.Rows[i].Cells[7].Text);

sum16 = sum16 + elm;

}

TextBox84.Text = sum16.ToString();

}

protected void CheckBox30\_CheckedChanged(object sender, EventArgs e)

{

foot\_PB\_Y8();

}

protected void foot\_PB\_Y8()

{

double sum16 = 0;

for (int i = 0; i < GridView14.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView14.Rows[i].Cells[4].Text);

sum16 = sum16 + elm;

}

TextBox85.Text = sum16.ToString();

}

protected void CheckBox31\_CheckedChanged(object sender, EventArgs e)

{

foot\_PB\_TOTALTON();

}

protected void foot\_PB\_TOTALTON()

{

double y16 = Convert.ToDouble(TextBox83.Text);

double y14 = Convert.ToDouble(TextBox84.Text);

double y8 = Convert.ToDouble(TextBox85.Text) / 100;

y16 = ((16 \* 16) \* y16 / 162) / 1000;

TextBox86.Text = y16.ToString();

y14 = ((14 \* 14) \* y14 / 162) / 1000;

TextBox87.Text = y14.ToString();

y8 = ((8 \* 8) \* y8 / 162) / 1000;

TextBox88.Text = y8.ToString();

double TOTALTON = y16 + y14 + y8;

TextBox89.Text = TOTALTON.ToString();

double PRICE = Convert.ToDouble(TextBox90.Text);

TextBox91.Text = (TOTALTON \* PRICE).ToString();

}

protected void CheckBox32\_CheckedChanged(object sender, EventArgs e)

{

Panel9.Visible = CheckBox32.Checked;

}

protected void CheckBox33\_CheckedChanged(object sender, EventArgs e)

{

GF\_STEELCON();

}

protected void GF\_STEELCON()

{

doublech = Convert.ToDouble(TextBox92.Text); //celinghiegth

doublebh = Convert.ToDouble(TextBox93.Text); // beam hiegth

double overlapping = Convert.ToDouble(TextBox95.Text); // overlapping col length

double total = ch - bh;

TextBox94.Text = total.ToString();

doublecolsteel = ch + overlapping; //hiegh steel column

TextBox96.Text = colsteel.ToString();

doublesumsteel = 0;

for (int i = 0; i < GridView15.Rows.Count; i++)

{

double elm1 = Convert.ToDouble(GridView15.Rows[i].Cells[2].Text);

double elm2 = Convert.ToDouble(GridView15.Rows[i].Cells[3].Text);

double results = colsteel \* elm1 \* elm2;

sumsteel = sumsteel + results;

}

TextBox100.Text = sumsteel.ToString();

doublesteelkg = (16 \* 16 \* sumsteel) / 162;

TextBox101.Text = steelkg.ToString("N2");

doublesteelton = steelkg / 1000;

TextBox102.Text = steelton.ToString("N3");

TextBox97.Text = steelton.ToString();

}

if (Y12long == "16")

{

double elm = Convert.ToDouble(GridView60.Rows[i].Cells[0].Text);

y16long = y16long + elm;

}

// y12

if (Y12SHORT == "12")

{

double elm = Convert.ToDouble(GridView60.Rows[i].Cells[2].Text);

y12sh = y12sh + elm;

}

if (Y12long == "12")

{

double elm = Convert.ToDouble(GridView60.Rows[i].Cells[0].Text);

y12long = y12long + elm;

}

if (Y12SHORT == "10")

{

double elm = Convert.ToDouble(GridView60.Rows[i].Cells[2].Text);

y10sh = y10sh + elm;

}

if (Y12long == "10")

{

double elm = Convert.ToDouble(GridView60.Rows[i].Cells[0].Text);

y10long = y10long + elm;

}

}

// y14 y 16

TextBox272.Text = y14sh.ToString();

TextBox273.Text = y14long.ToString();

TextBox274.Text = y16sh.ToString();

TextBox275.Text = y16long.ToString();

double y14 = y14sh + y14long;

double y16 = y16sh + y16long;

TextBox280.Text = y14.ToString();

TextBox281.Text = (y14 / 100).ToString();

TextBox282.Text = y16.ToString();

TextBox283.Text = (y16 / 100).ToString();

//y10 y12

double y12 = y12sh + y12long;

double y10 = y10sh + y10long;

TextBox268.Text = (y12sh).ToString(); // total y 12

TextBox269.Text = (y12long).ToString(); // total y 12

TextBox276.Text = (y12).ToString(); // total y 12 cm

TextBox277.Text = (y12 / 100).ToString(); // total y 12 m

TextBox270.Text = (y10sh).ToString(); // total y 10

TextBox271.Text = (y10long).ToString(); // total y 10

TextBox278.Text = (y10).ToString(); // total y 10 c

TextBox279.Text = (y10 / 100).ToString(); // total y m

//y10 in kg and ton

double y10gg = (10 \* 10 \* (y10 / 100)) / 162;

TextBox284.Text = y10gg.ToString();

double y10ton = y10gg / 1000;

TextBox285.Text = y10ton.ToString();

//y12 in kg and ton

double y12gg = (12 \* 12 \* (y12 / 100)) / 162;

TextBox286.Text = y12gg.ToString();

double y12ton = y12gg / 1000;

TextBox287.Text = y12ton.ToString();

// y 14

//y10 in kg and ton

double y14gg = (14 \* 14 \* (y14 / 100)) / 162;

TextBox288.Text = y14gg.ToString();

double y14ton = y14gg / 1000;

TextBox289.Text = y14ton.ToString();

//y16

double y16gg = (16 \* 16 \* (y16 / 100)) / 162;

TextBox290.Text = y16gg.ToString();

double y16ton = y16gg / 1000;

TextBox291.Text = y16ton.ToString();

// wight ton for all

TextBox293.Text = (y10ton + y12ton + y14ton + y16ton).ToString();

//total concrete

doubleconc = 0;

for (int i = 0; i < GridView60.Rows.Count; i++)

{

double elm = Convert.ToDouble(GridView60.Rows[i].Cells[5].Text);

conc = conc + elm;

}

TextBox292.Text = (conc).ToString();

}

protected void CheckBox76\_CheckedChanged(object sender, EventArgs e)

{

try

{

GFSLAPS();

GFplaywoodarea();

GFtotalcolumn();

doorwindow();

GFwallarea();

centblock();

UPDAT\_GF\_SLAB\_BEMS();

}

catch

{

erromsg();

}

}

protected void UPDAT\_GF\_SLAB\_BEMS()

{

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET GF\_SLAP\_BEAMS='" + TextBox153.Text + "', GF\_SLAP\_CONCRETE= '" + TextBox152.Text + "' ,GF\_SLAB\_PLWOOD\_AREA='" + TextBox154.Text + "' ,GF\_SLAB\_PLWOOD\_NUM='" + TextBox155.Text + "' , GF\_BLOCK\_NUM = '" + TextBox182.Text + "', GF\_MIXING\_VOL = '" + TextBox183.Text + "' , GF\_BAG\_CEMNT = '" + TextBox185.Text + "', GF\_SAND\_VOL = '" + TextBox186.Text + "' where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

erromsg();

}

}

protected void CheckBox51\_CheckedChanged(object sender, EventArgs e)

{

try

{

FFSTEELCONC();

updat\_FF\_TOTALSTEEL();

}

catch

{

erromsg();

}

}

protected void updat\_FF\_TOTALSTEEL()

{

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET FF\_TOTAL\_STEEL='" + TextBox194.Text + "', FF\_TOTAL\_CONCRETE= '" + GridView36.Rows[0].Cells[1].Text + "' ,FF\_PLYWOOD\_ARE='" + GridView34.Rows[0].Cells[1].Text + "' ,FF\_PLYWOOD\_NUM='" + GridView34.Rows[0].Cells[2].Text + "' where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

erromsg();

}

}

protected void CheckBox77\_CheckedChanged(object sender, EventArgs e)

{

try

{

ffbeamweight();

FFconc\_plywood();

FF\_UPDAT\_BEAM();

}

catch

{

erromsg();

}

}

protected void FF\_UPDAT\_BEAM()

{

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET FF\_BEAM='" + TextBox199.Text + "', FF\_BEAM\_CONCRETE= '" + TextBox202.Text + "' ,FF\_BEAM\_PLWOOD\_AREA='" + TextBox203.Text + "' ,FF\_BEAM\_PLWOOD\_NUM='" + TextBox204.Text + "' where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

erromsg();

}

}

protected void CheckBox78\_CheckedChanged(object sender, EventArgs e)

{

try

{

FF\_total\_Slaps();

FFplaywoodarea();

FFblock1();

FFblock2();

UPDAT\_FF\_SLAP\_BEAM();

}

catch

{

erromsg();

}

}

protected void UPDAT\_FF\_SLAP\_BEAM()

{

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET FF\_SLAB\_BEAMSTEEL='" + TextBox232.Text + "', FF\_SLAB\_CONCRETE= '" + TextBox231.Text + "' ,FF\_SLAP\_PLYWOOD\_AREA='" + TextBox233.Text + "' ,FF\_SLAP\_PLYWOOD\_NUM='" + TextBox234.Text + "' , FF\_SLAB\_BLOCK\_NUM = '" + TextBox248.Text + "', FF\_SLAB\_MIXING = '" + TextBox249.Text + "' , FF\_SLAB\_BAG\_CEMNT = '" + TextBox250.Text + "', FF\_SLAB\_SAND\_VOL = '" + TextBox251.Text + "' where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

erromsg();

}

}

protected void CheckBox79\_CheckedChanged(object sender, EventArgs e)

{

try

{

PH\_STEEL();

updat\_PH\_STEEL();

}

catch

{

erromsg();

}

}

protected void updat\_PH\_STEEL()

{

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET PH\_STEEL='" + TextBox252.Text + "', PH\_CONCRETE= '" + GridView49.Rows[0].Cells[1].Text + "' ,PH\_PLYWOODAREA='" + GridView47.Rows[0].Cells[1].Text + "' ,PH\_PLYWOOD\_NUM='" + GridView47.Rows[0].Cells[2].Text + "' where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

erromsg();

}

}

protected void CheckBox80\_CheckedChanged(object sender, EventArgs e)

{

try

{

PH\_BEAM\_CM();

total\_W\_B\_PH();

PH\_SLAPS();

updat\_PH\_BEAM\_SLAB();

}

catch

{

erromsg();

}

}

protected void updat\_PH\_BEAM\_SLAB()

{

try

{

cn.Open();

string sql4 = "UPDATE first\_QS SET PH\_BEAM='" + TextBox265.Text + "', PH\_BEAM\_CONCRETE= '" + GridView57.Rows[0].Cells[1].Text + "' , PH\_BEAM\_PLYWOOD\_AREA = '" + GridView59.Rows[0].Cells[1].Text + "' , PH\_BEAM\_PLWOOD\_NUM = '" + GridView59.Rows[0].Cells[2].Text + "' , PH\_SLAB= '" + TextBox293.Text + "', PH\_SLAB\_CONC = '" + TextBox292.Text + "' where projectid ='" + TextBox1.Text + "'";

SqlCommandcmd = new SqlCommand(sql4, cn);

cmd.ExecuteNonQuery();

successomsg();

cn.Close();

}

catch

{

erromsg();

}

}

SAMPLE DATABASE SCRIPTS

CREATETABLE [dbo].[projectinfo](

[projectid] INTIDENTITY (1, 1)NOTNULL,

[project\_title] NVARCHAR (50)NULL,

[Owner\_name] NVARCHAR (50)NULL,

[available\_amount] NCHAR (10)NULL,

[projectnumber] NCHAR (10)NOTNULL,

[project\_desc] NVARCHAR (MAX)NULL,

[projectfile] NVARCHAR (MAX)NULL,

[pstatus] NVARCHAR (MAX)NULL,

[start\_date] DATENULL,

[end\_date] DATENULL,

[location] NVARCHAR (MAX)NULL,

CONSTRAINT [PK\_projectinfo] PRIMARYKEYCLUSTERED ([projectnumber] ASC)

);

CREATETABLE [dbo].[pcc](

[pccT] NCHAR (10)NOTNULL,

[pccL] DECIMAL (18, 2)NULL,

[pccw] DECIMAL (18, 2)NULL,

[pccd] DECIMAL (18, 2)NULL,

[pccp] DECIMAL (18, 2)NULL,

[pnumber] NCHAR (10)NULL,

[sum] DECIMAL (18, 2)NULL,

[pccphoto] NVARCHAR (50)NULL,

CONSTRAINT [PK\_pcc] PRIMARYKEYCLUSTERED ([pccT] ASC),

CONSTRAINT [FK\_projectnumber\_projectinfo] FOREIGNKEY ([pnumber])REFERENCES [dbo].[projectinfo]([projectnumber])

);

CREATETABLE [dbo].[column4](

[Col\_projectnumber] NCHAR (10)NOTNULL,

[col\_type] NCHAR (10)NOTNULL,

[col\_length] DECIMAL (18, 2)NULL,

[col\_width] DECIMAL (18, 2)NULL,

[col\_reinfor] NCHAR (10)NULL,

[col\_stirrups] NVARCHAR (50)NULL,

[col\_remark] NVARCHAR (50)NULL,

[col\_hiegth\_concrete] DECIMAL (18, 2)NULL,

[col\_hieght\_steel] DECIMAL (18, 2)NULL,

[col\_space] DECIMAL (18)NULL,

[col\_repitition] DECIMAL (18)NULL,

[f1] DECIMAL (18)NULL,

[f2] DECIMAL (18)NULL,

CONSTRAINT [PK\_column4] PRIMARYKEYCLUSTERED ([Col\_projectnumber] ASC, [col\_type] ASC)

);

INSERT INTO [dbo].[SLABSIZE] ([SLAB\_PNUMBER], [SLAB\_TYPE], [SLAB\_W], [SLAB\_L], [SLAB\_MEMBER], [SLAB\_RES2]) VALUES (N'1 ', N'S1 ', CAST(270 AS Decimal(18, 0)), CAST(180 AS Decimal(18, 0)), CAST(4 AS Decimal(18, 0)), NULL)

INSERT INTO [dbo].[SLABSIZE] ([SLAB\_PNUMBER], [SLAB\_TYPE], [SLAB\_W], [SLAB\_L], [SLAB\_MEMBER], [SLAB\_RES2]) VALUES (N'1 ', N'S1 ', CAST(150 AS Decimal(18, 0)), CAST(180 AS Decimal(18, 0)), CAST(5 AS Decimal(18, 0)), NULL)

INSERT INTO [dbo].[SLABSIZE] ([SLAB\_PNUMBER], [SLAB\_TYPE], [SLAB\_W], [SLAB\_L], [SLAB\_MEMBER], [SLAB\_RES2]) VALUES (N'1 ', N'S1 ', CAST(420 AS Decimal(18, 0)), CAST(180 AS Decimal(18, 0)), CAST(6 AS Decimal(18, 0)), NULL)

INSERT INTO [dbo].[SLABSIZE] ([SLAB\_PNUMBER], [SLAB\_TYPE], [SLAB\_W], [SLAB\_L], [SLAB\_MEMBER], [SLAB\_RES2]) VALUES (N'1 ', N'S1 ', CAST(100 AS Decimal(18, 0)), CAST(440 AS Decimal(18, 0)), CAST(7 AS Decimal(18, 0)), NULL)

INSERT INTO [dbo].[SLABSIZE] ([SLAB\_PNUMBER], [SLAB\_TYPE], [SLAB\_W], [SLAB\_L], [SLAB\_MEMBER], [SLAB\_RES2]) VALUES (N'1 ', N'S1 ', CAST(177 AS Decimal(18, 0)), CAST(440 AS Decimal(18, 0)), CAST(8 AS Decimal(18, 0)), NULL)

INSERT INTO [dbo].[SLABSIZE] ([SLAB\_PNUMBER], [SLAB\_TYPE], [SLAB\_W], [SLAB\_L], [SLAB\_MEMBER], [SLAB\_RES2]) VALUES (N'1 ', N'S1 ', CAST(100 AS Decimal(18, 0)), CAST(440 AS Decimal(18, 0)), CAST(9 AS Decimal(18, 0)), NULL)

INSERT INTO [dbo].[SLABSIZE] ([SLAB\_PNUMBER], [SLAB\_TYPE], [SLAB\_W], [SLAB\_L], [SLAB\_MEMBER], [SLAB\_RES2]) VALUES (N'1 ', N'S1 ', CAST(420 AS Decimal(18, 0)), CAST(180 AS Decimal(18, 0)), CAST(10 AS Decimal(18, 0)), NULL)

INSERT INTO [dbo].[SLABSIZE] ([SLAB\_PNUMBER], [SLAB\_TYPE], [SLAB\_W], [SLAB\_L], [SLAB\_MEMBER], [SLAB\_RES2]) VALUES (N'1 ', N'S1 ', CAST(150 AS Decimal(18, 0)), CAST(180 AS Decimal(18, 0)), CAST(11 AS Decimal(18, 0)), NULL)