OCTOBER, 2013

SC015013M0030

PRESENTACION DISEÑOS 100%
EDIFICIO TALLERES NUEVOS
HANGAR 2 POLICIA NACIONAL DE COLOMBIA
GUAYMARAL, COLOMBIA

100% SUBMITTAL
NEW SHOPS BUILDING
COLOMBIA NATIONAL POLICE HANGAR 2
GUAYMARAL, COLOMBIA

PLANOS TAMAÑO
MEDIO PLIEGO
DRAWING SHEET SIZE
IS 0.5 m X 0.7 m

PLANO / SHEET Ref.	TÍTULO	TITLE
	PORTADA	COVER
X-1a	ÍNDICE	TABLE OF CONTENTS
X-1b	ÍNDICE	TABLE OF CONTENTS
X-2	PLANOS DE LOCALIZACIÓN	LOCATION MAPS
C-1	CONDICIONES EXISTENTES	EXISTING CONDITIONS
C-2	CONDICIONES EXISTENTES	EXISTING CONDITIONS
C-3	PLANO DE DEMOLICIÓN	DEMOLITION PLAN
C-4	PLANO TRAZADO GEOMÉTRICO	GEOMETRICAL LAYOUT
C-5	PLANO DE NIVELES	GRADING PLAN
H-1	SISTEMA SANITARIO DE ALCANTARILLADO	SANITARY SEWER SYSTEM
H-2	VISTA FRONTAL RED SANITARIA (BAÑOS)	TOP VIEW SANITARY NETWORK (RESTROOM)
H-3	TANQUE SÉPTICO	SEPTIC TANK
H-4	FILTRO DE ARENA	SAND FILTER
H-5	DETALLE DEL TANQUE SÉPTICO	SEPTIC TANK DETAIL
H-6	DETALLE DE CAJA DE INSPECCIÓN	MANHOLE DETAIL
H-7	ESTACIÓN DE BOMBEO	PUMP STATION
H-8	FILTRO DE ARENA	SAND FILTER
H-9	TRAMPA DE ARENA Y TRAMPA DE GRASAS	SAND TRAP AND GREASE TRAP
A-01	PLANTA DE CUBIERTAS	ROOF PLAN
A-02	PLANTA PRIMER NIVEL, CUADRO DE ÁREAS, CUADRO DE EQUIPOS	FIRST FLOOR PLAN, AREAS SCHEDULE, EQUIPMENT SCHEDULE .
A-03	CORTES	SECTIONS
A-04	FACHADAS	FAÇADES
A-05	CORTE DE FACHADA Y DETALLES	FAÇADE SECTION AND DETAILS.
A-06	CORTE DE FACHADA Y DETALLES	FAÇADE SECTION AND DETAILS
A-07	CORTE DE FACHADA Y DETALLES	FAÇADE SECTION AND DETAILS
A-08	CORTE DE FACHADA Y DETALLES	FAÇADE SECTION AND DETAILS
A-09	CORTE DE FACHADA Y DETALLES	FAÇADE SECTION AND DETAILS
A-10	DETALLE Y CORTES DE CUBIERTA GSE	GSE SHED DETAILS AND SECTION
A-11	DETALLES CONSTRUCTIVOS	CONSTRUCTION DETAILS
A-12	DETALLES CONSTRUCTIVOS	CONSTRUCTION DETAILS
A-13	DETALLES CONSTRUCTIVOS	CONSTRUCTION DETAILS
A-14	DETALLES CONSTRUCTIVOS PUERTAS	CONSTRUCTION DETAILS DOORS
A-15	DETALLES CONSTRUCTIVOS PUERTAS	CONSTRUCTION DETAILS DOORS
A-16	DETALLES CONSTRUCTIVOS PUERTAS	CONSTRUCTION DETAILS DOORS
A-17	DETALLES CONSTRUCTIVOS VENTANAS	CONSTRUCTION DETAILS WINDOWS
A-18	DETALLES CONSTRUCTIVOS VENTANAS	CONSTRUCTION DETAILS WINDOWS
A-19	DETALLES CONSTRUCTIVOS PISOS	CONSTRUCTION DETAILS FLOORS
A-20	DETALLES CONSTRUCTIVOS NEW SHOP CIELORASOS	CONSTRUCTION DETAILS NEW SHOP CEILING
A-21	DETALLES BAÑOS	BATHROOM DETAILS

EMBASSY OF THE UNITED STATES
I.N.L. SECTION
BOGOTA , COLOMBIA

WARNING:
This document is the property of the U.S. Government. Further reproduction and/ or distribution is prohibited without the written permission of the I.N.L. Section Colombia.
Information on this document is not to be altered except with the written approval of this office.

SUPERVISED BY:
I.N.L.
INTERNATIONAL NARCOTICS AND LAW ENFORCEMENT SECTION
EMBASSY OF THE UNITED STATES, BOGOTA, COLOMBIA

COR: I.N.L. PROJECT ARCHITECT/ENGINEER

PROJECT DESIGN / MANAGEMENT

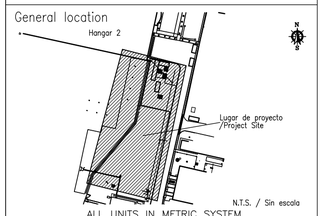
HCSgroup
Engineering and Technical Solutions
8401 Crossland Loop, Montg. AL 36117
Phone: (334) 277-6737

NEW SHOPS BUILDING
CNP HANGAR 2, GUAYMARAL
BOGOTÁ, CUNDINAMARCA

Contract/PO No.: SC015013M0030
Contract/PO date: OCT. 2012

Legends/Remarks

General location



ALL UNITS IN METRIC SYSTEM

Revisions

Rev.No.	Description		Date
1			
2			
3	90% Submittal		July 16
4	90% Submittal		Setp. 11
5			
6			
7			
8			
9			
10			

AS-BUILT
FIRM _____ FECHA _____

Phase:
☐35% ☐60% ☐90% ☒100% ☐AS BUILT

Drawing title:
INDICE / TABLE OF CONTENTS

Drawing file: NS, X1a–X1b.DWG
Scale: 1:250

Code: X-1a

Drawing date: OCTOBER 2013
Designed by: JOSE M. MORA
Profession: CIVIL ENGINEER / ING. CIVIL
Professional ID: 2520264611CND
Signature:

PLANO / SHEET Ref.	TÍTULO	TITLE
	PORTADA	COVER
S-1	PLANTA DE PILOTES - REFUERZO DE PILOTES	PILE PLAN - PILE REINFORCEMENT
S-2	PLANTA DE DADOS - DETALLE DE DADOS	PILE CAP PLAN - PILE CAP DETAILS
S-3	PLANTA DE CIMENTACIÓN - VIGAS DE CIMENTACIÓN	FOUNDATION PLAN - BEAMS REINFORCEMENT
S-4	VIGAS DE CIMENTACIÓN - CONTRAPESO - PEDESTAL	BEAMS REINFORCEMENT - COUNTER WEIGHT - PEDESTAL
S-5	PLANTA DE EJES Y COLUMNAS - PLATINAS DE BASE	AXIS AND COLUMN PLAN - BASE PLATES
S-6	PLATINAS DE BASE	BASE PLATES
S-7	PLACA DE CONTRAPISO - JUNTAS	SLABS ON GRADE - JOINTS
S-8	PLANTAS DE CUBIERTA	ROOF STRUCTURE PLAN
S-9	PÓRTICOS LONGITUDINALES - PERFILES ESTRUCTURALES	LONGITUDINAL FRAMES - STRUCTURAL PROFILES
S-10	PORTICOS TRANSVERSALES	TYP TRANSVERSE FRAMES
S-11	CONEXIONES	STRUCTURAL JOINTS
S-12	CONEXIONES - PÓRTICOS TÍPICOS - EJES NÚMERICOS - CONECTOR DE CORTANTE	STRUCTURAL JOINTS - TYP FRAMES - NUMERIC AXIS - SHEAR CONNECTOR
S-13	TANQUE SÉPTICO	SEPTIC TANK
S-14	TANQUE DE BOMBEO	PUMP STATION
S-15	HANGAR GSE - PLANTA DE CIMENTACIÓN - PLANTA EJES COLUMNAS - CUADRO DE ZAPATAS	GSE SHED - FOUNDATION PLAN - AXIS AND COLUMN PLAN - FOOTING SCHEDULE
S-16	HANGAR GSE - PLANTA DE CUBIERTA - ALZADO DE PÓRTICOS	GSE SHED - ROOF PLAN - FRAME ELEVATION
S-17	DETALLE DE MUROS	WALL DETAILS
S-18	PONTÓN PARA MONTACARGAS	FORKLIFT TRUCK PONTOON
P-1	VISTA HORIZONTAL RED DE AGUA	TOP VIEW WATER NETWORK
P-2	VISTA ISOMÉTRICA RED DE AGUA	ISOMETRIC VIEW WATER NETWORK
P-3	VISTA FRONTAL RED DE AIRE COMPRIMIDO	TOP VIEW COMPRESSED AIR NETWORK
P-4	VISTA ISOMÉTRICA RED DE AIRE COMPRIMIDO	ISOMETRIC VIEW COMPRESSED AIR NETWORK
P-5	SOPORTE PARA RED DE AGUA Y AIRE COMPRIMIDO - DETALLE DE INSTALACIÓN DEL LAVAMANOS AL SUMINISTRO DE AGUA	PIPE SUPPORT FOR WATER AND COMPRESSED AIR NETWORK - INSTALLATION DETAIL OF WASHBASIN TO WATER SUPPLY
P-6	DETALLE DE INSTALACIÓN DEL SANITARIO AL SUMINISTRO DE AGUA - DETALLE DE INSTALACIÓN DEL ORINAL AL SUMINISTRO DE AGUA	INSTALLATION DETAIL OF WATER TANK TO WATER SUPPLY - INSTALLATION DETAIL OF URINAL TO WATER TANK SUPPLY
M-1	VISTA EN PLANTA RED DE VENTILACIÓN	TOP VIEW VENTILATION NETWORK
M-2	DETALLES RED DE VENTILACIÓN	DETAILS VENTILATION NETWORK
M-3	ISOMÉTRICO RED VENTILACIÓN	ISOMETRIC VIEW VENTILATION NETWORK
M-4	SOPORTE DE DUCTOS	DUCT SUPPORT
E-1	CONVENCIONES	LEGEND
E-2	RELOCALIZACIÓN REDES EXISTENTES Y ACOMETIDA DE MEDIA TENSIÓN EXTERIOR	RELOCATION OF EXISTING NETWORK AND NEW MEDIUM VOLTAGE FEEDER
E-3	ACOMETIDAS A TABLEROS. SUBESTACIONES EXISTENTE Y NUEVA	FEEDERS TO PANEL BOARDS. EXISTING AND NEW SUBSTATIONS.
E-4	PLANTA DE TOMAS	OUTLET PLAN
E-5	ILUMINACIÓN	LIGHTING PLAN
E-6	SISTEMA DE TIERRAS	GROUND SYSTEM PLAN
E-7	SISTEMAS DE ALARMAS	ALARM SYSTEM PLAN
E-8	CABLEADO ESTRUCTURADO	STRUCTURED CABLING SYSTEM PLAN
E-9	DETALLES DE CONSTRUCCIÓN	CONSTRUCTION DETAILS
E-10	SISTEMA DE PROTECCIÓN DE FALLAS ATMOSFÉRICAS - 01	LIGHTNING PROTECTION SYSTEM PLAN
E-11	SISTEMA DE PROTECCIÓN DE FALLAS ATMOSFÉRICAS - 02	LIGHTNING PROTECTION SYSTEM
E-12	DIAGRAMA UNIFILAR MODIFICADO	MODIFIED SINGLE LINE DIAGRAM
E-13	TABLEROS ELÉCTRICOS - TG, T1	ELECTRIC PANELBOARDS - TG, T1
E-14	TABLEROS ELÉCTRICOS - T2, T3	ELECTRIC PANELBOARDS - T2, T3
E-15	TABLEROS ELÉCTRICOS - T4, T5	ELECTRIC PANELBOARDS - T4, T5

EMBASSY OF THE UNITED STATES
I.N.L. SECTION
BOGOTA , COLOMBIA

WARNING:
This document is the property of the U.S. Government. Further reproduction and/ or distribution is prohibited without the written permission of the I.N.L. Section Colombia.
Information on this document is not to be altered except with the written approval of this office.

SUPERVISED BY:
I.N.L.
INTERNATIONAL NARCOTICS AND LAW ENFORCEMENT SECTION
EMBASSY OF THE UNITED STATES,
BOGOTA, COLOMBIA

COR: I.N.L. PROJECT ARCHITECT/ENGINEER

PROJECT DESIGN / MANAGEMENT

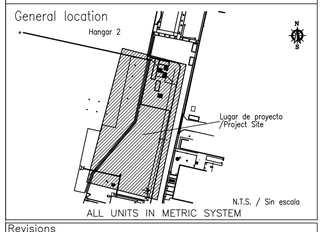
HCSgroup
Engineering and Technical Solutions
8401 Crossland Loop, Montg. AL 36117
Phone: (334) 277-6737

NEW SHOPS BUILDING
CNP HANGAR 2, GUAYMARAL
BOGOTÁ, CUNDINAMARCA

Contract/PO No.: SC015013M0030
Contract/PO date: OCT. 2012

Legends/Remarks

General location



ALL UNITS IN METRIC SYSTEM

Revisions

Rev.No.	Description		Date
1			
2			
3	90% Submittal		July 16
4	90% Submittal		Setp. 11
5			
6			
7			
8			
9			
10			

AS-BUILT
FIRMA FECHA

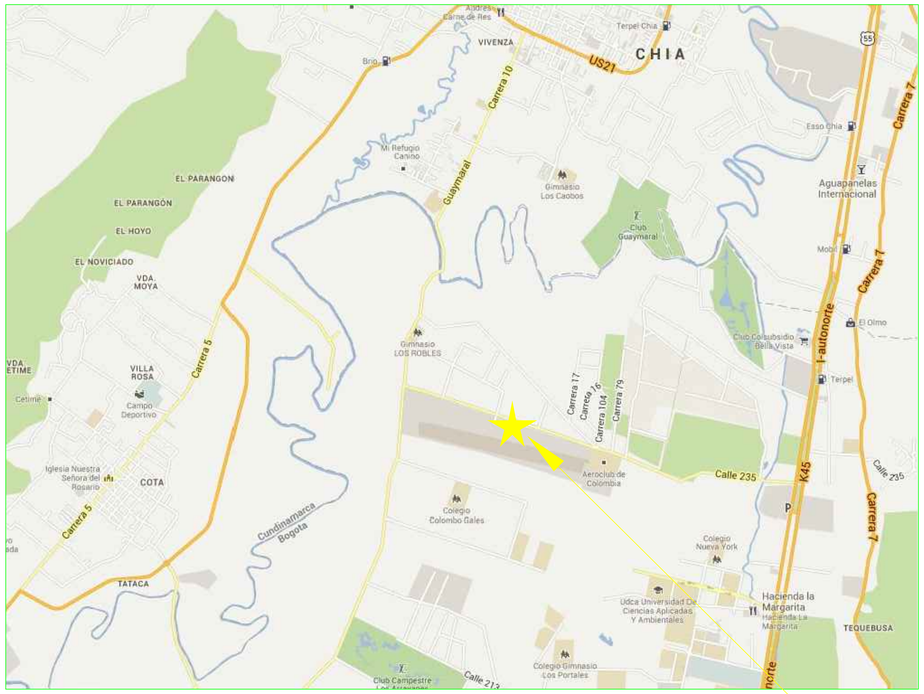
Phase:
☐35% ☐60% ☐90% ☒100% ☐AS BUILT

Drawing title:
INDICE / TABLE OF CONTENTS

Drawing file: NS, X1a–X1b.DWG
Scale: 1:250

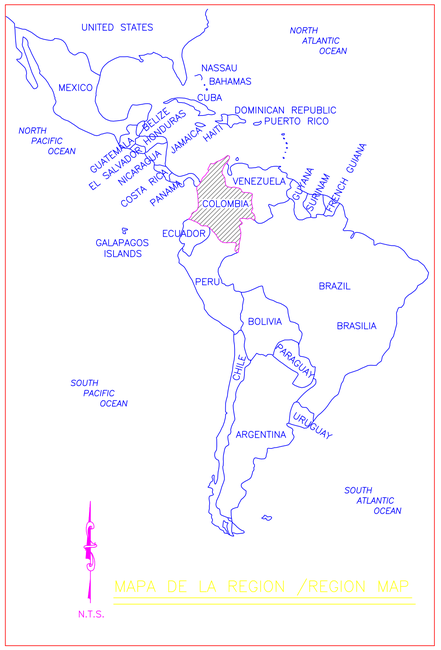
Code: X-1b

Drawing date: OCTOBER 2013
Designed by: JOSE M. MORA
Profession: CIVIL ENGINEER / ING. CIVIL
Professional ID: 2520264611CND
Signature:



LUGAR DE TRABAJO/JOB SITE

PLANO DE VECINDARIO/VICINITY MAP



MAPA DE LA REGION /REGION MAP

PLANO DE LOCALIZACION / LOCATION MAP

EMBASSY OF THE UNITED STATES
I.N.L. SECTION
BOGOTA , COLOMBIA

WARNING:
This document is the property of the U.S. Government. Further reproduction and/ or distribution is prohibited without the written permission of the I.N.L. Section Colombia.
Information on this document is not to be altered except with the written approval of this office.

SUPERVISED BY:
I.N.L.
INTERNATIONAL NARCOTICS AND LAW ENFORCEMENT SECTION
EMBASSY OF THE UNITED STATES,
BOGOTA, COLOMBIA

COR: I.N.L. PROJECT ARCHITECT/ENGINEER

PROJECT DESIGN / MANAGEMENT

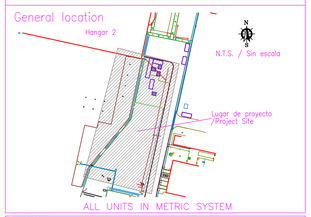
HCSgroup
Engineering and Technical Solutions
8401 Crossland Loop, Montg. AL 36117

NEW SHOPS BUILDING
CNP HANGAR 2, GUAYMARAL
BOGOTÁ, CUNDINAMARCA

Contract/PO No.:	Contract/PO date:
SC015013M0030	OCT. 2012

Legends/Remarks

General location



ALL UNITS IN METRIC SYSTEM

Revisions

Rev.No.	Description	Date
1		
2		
3	90% Submittal	July 16
4	90% SUBMITTAL	Sept 11
5		
6		
7		
8		
9		
10		

AS-BUILT
FIRMA _____ FECHA _____

Phase:
☐ 35% ☐ 60% ☐ 90% ☒ 100% ☐ AS BUILT

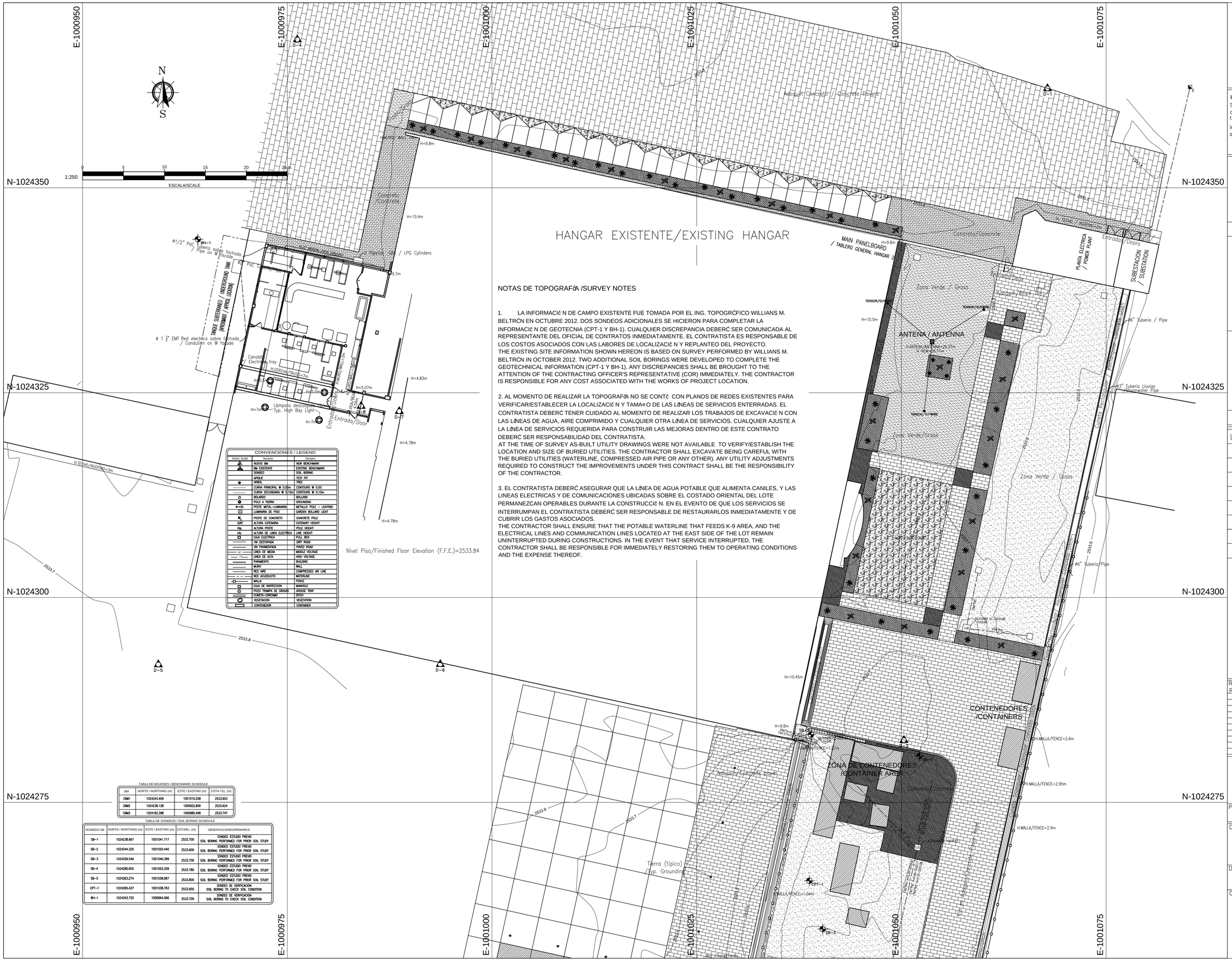
Drawing title:
PLANOS DE LOCALIZACION/LOCATION MAPS

Drawing file: NS, X-2.dwg

Scale: N.T.S. / SIN ESCALA

Code: X-2

Drawing date: OCTOBER, 2013
Designed by: JOSE M. MORA
Profession: CIVIL ENGINEER / ING. CIVIL
Professional ID: 2520264611CND
Signature:



NOTAS DE TOPOGRAFÕA /SURVEY NOTES

1. LA INFORMACIč N DE CAMPO EXISTENTE FUE TOMADA POR EL ING. TOPOGRČFICO WILLIANS M. BELTRČN EN OCTUBRE 2012. DOS SONDEOS ADICIONALES SE HICIERON PARA COMPLETAR LA INFORMACIč N DE GEOTECNIA (CPT-1 Y BH-1). CUALQUIER DISCREPANCIA DEBERČ SER COMUNICADA AL REPRESENTANTE DEL OFICIAL DE CONTRATOS INMEDIATAMENTE. EL CONTRATISTA ES RESPONSABLE DE LOS COSTOS ASOCIADOS CON LAS LABORES DE LOCALIZACIč N Y REPLANTEO DEL PROYECTO.
THE EXISTING SITE INFORMATION SHOWN HEREON IS BASED ON SURVEY PERFORMED BY WILLIANS M. BELTRČN IN OCTOBER 2012. TWO ADDITIONAL SOIL BORINGS WERE DEVELOPED TO COMPLETE THE GEOTECHNICAL INFORMATION (CPT-1 Y BH-1). ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) IMMEDIATELY. THE CONTRACTOR IS RESPONSIBLE FOR ANY COST ASSOCIATED WITH THE WORKS OF PROJECT LOCATION.

2. AL MOMENTO DE REALIZAR LA TOPOGRAFÕA NO SE CONTč CON PLANOS DE REDES EXISTENTES PARA VERIFICAR/ESTABLECER LA LOCALIZACIč N Y TAMAõO DE LAS LčNEAS DE SERVICIOS ENTERRADAS. EL CONTRATISTA DEBERČ TENER CUIDADO AL MOMENTO DE REALIZAR LOS TRABAJOS DE EXCAVACIč N CON LAS LčNEAS DE AGUA, AIRE COMPRIMIDO Y CUALQUIER OTRA LčNEA DE SERVICIOS. CUALQUIER AJUSTE A LA LčNEA DE SERVICIOS REQUERIDA PARA CONSTRUIR LAS MEJORAS DENTRO DE ESTE CONTRATO DEBERČ SER RESPONSABILIDAD DEL CONTRATISTA.
AT THE TIME OF SURVEY AS-BUILT UTILITY DRAWINGS WERE NOT AVAILABLE TO VERIFY/ESTABLISH THE LOCATION AND SIZE OF BURIED UTILITIES. THE CONTRACTOR SHALL EXCAVATE BEING CAREFUL WITH THE BURIED UTILITIES (WATERLINE, COMPRESSED AIR PIPE OR ANY OTHER). ANY UTILITY ADJUSTMENTS REQUIRED TO CONSTRUCT THE IMPROVEMENTS UNDER THIS CONTRACT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

3. EL CONTRATISTA DEBERČ ASEGURAR QUE LA LčNEA DE AGUA POTABLE QUE ALIMENTA CANILES, Y LAS LINEAS ELECTRICAS Y DE COMUNICACIONES UBICADAS SOBRE EL COSTADO ORIENTAL DEL LOTE PERMANEZCAN OPERABLES DURANTE LA CONSTRUCCIč N. EN EL EVENTO DE QUE LOS SERVICIOS SE INTERRUMPAN EL CONTRATISTA DEBERČ SER RESPONSABLE DE RESTAURARLOS INMEDIATAMENTE Y DE CUBRIR LOS GASTOS ASOCIADOS.
THE CONTRACTOR SHALL ENSURE THAT THE POTABLE WATERLINE THAT FEEDS K-9 AREA, AND THE ELECTRICAL LINES AND COMMUNICATION LINES LOCATED AT THE EAST SIDE OF THE LOT REMAIN UNINTERRUPTED DURING CONSTRUCTIONS. IN THE EVENT THAT SERVICE INTERRUPTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATELY RESTORING THEM TO OPERATING CONDITIONS AND THE EXPENSE THEREOF.

EMBASSY OF THE UNITED STATES
I.N.L. SECTION
BOGOTA , COLOMBIA

WARNING:
This document is the property of the U.S. Government. Further reproduction and/ or distribution is prohibited without the written permission of the I.N.L. Section Colombia.
Information on this document is not to be altered except with the written approval of this office.

SUPERVISED BY:
I.N.L.
INTERNATIONAL NARCOTICS AND LAW ENFORCEMENT SECTION
EMBASSY OF THE UNITED STATES,
BOGOTA, COLOMBIA

COR: I.N.L. PROJECT ARCHITECT/ENGINEER

PROJECT DESIGN / MANAGEMENT

HCSgroup
Engineering and Technical Solutions
8401 Crossland Loop, Montg. AL 36117

NEW SHOPS BUILDING
CNP HANGAR 2, GUAYMARAL
BOGOTÁ, CUNDINAMARCA

Contract/PO No.: SC015013M0030
Contract/PO date: OCT. 2012

Legends/Remarks

General location
Hangar 2
Lugar de proyecto /Project Site
N.T.S. / Sin escala
ALL UNITS IN METRIC SYSTEM

Revisions

Rev.No.	Description	Date
1		
2		
3	90% Submittal	July 16
4	90% Submittal	Setp. 11
5		
6		
7		
8		
9		
10		

AS-BUILT
FIRMA FECHA

Phase:
☐35% ☐60% ☐90% ☒100% ☐AS BUILT

Drawing title:
Condiciones Existentes/ Existing Conditions

Drawing file: NS, C1-C2.DWG
Scale: 1:250

Code: C1
Drawing date: OCTOBER 2013
Designed by: Willians M. Beltran
Profession: Topografo / Surveyor
Professional ID: 25810-089372 CND
Signature:

TABLA DE MOJONES / BENCHMARK SCHEDULE

BM	NORTE / NORTHING (m)	ESTE / EASTING (m)	COTA / EL. (m)
CBM1	1024243.409	1001010.258	2533.653
CBM2	1024238.128	1000922.806	2533.624
CBM3	1024182.398	1000985.498	2533.747

TABLA DE SONDEOS / SOIL BORING SCHEDULE

SONDEO/ SB	NORTE / NORTHING (m)	ESTE / EASTING (m)	COTA/EL. (m)	OBSERVACIONES/REMARKS
SB-1	1024238.667	1001041.717	2533.700	SONDEO ESTUDIO PREVIO SOIL BORING PERFORMED FOR PRIOR SOIL STUDY
SB-2	1024244.325	1001020.440	2533.600	SONDEO ESTUDIO PREVIO SOIL BORING PERFORMED FOR PRIOR SOIL STUDY
SB-3	1024259.546	1001040.389	2533.700	SONDEO ESTUDIO PREVIO SOIL BORING PERFORMED FOR PRIOR SOIL STUDY
SB-4	1024280.655	1001052.209	2533.780	SONDEO ESTUDIO PREVIO SOIL BORING PERFORMED FOR PRIOR SOIL STUDY
SB-5	1024283.274	1001038.967	2533.800	SONDEO ESTUDIO PREVIO SOIL BORING PERFORMED FOR PRIOR SOIL STUDY
CPT-1	1024265.437	1001038.763	2533.650	SONDEO DE VERIFICACION SOIL BORING TO CHECK SOIL CONDITION
BH-1	1024343.725	1000964.066	2533.700	SONDEO DE VERIFICACION SOIL BORING TO CHECK SOIL CONDITION

CONVENCIONES / LEGEND

Smbolo / Symbol	Descripcion	Description
	NUEVO BM	NEW BENCHMARK
	BM EXISTENTE	EXISTING BENCHMARK
	SONDEO	SOIL BORING
	APIQUE	TEST PIT
	ARBOL	TREE
	CURVA PRINCIPAL @ 0.50m	CONTOURS @ 0.50
	CURVA SECUNDARIA @ 0.10m	CONTOURS @ 0.10m
	BOLARDO	BOLLARD
	POLO A TIERRA	GROUNDING
	POSTE METAL-LUMINARIA	METALLIC POLE - LIGHTING
	LUMINARIA DE PISO	GARDEN BOLLARD LIGHT
H_c	POSTE DE CONCRETO	CONCRETE POLE
CAT	ALTURA CATENARIA	CATENARY HEIGHT
Hp	ALTURA POSTE	POLE HEIGHT
Hc	ALTURA DE LINEA ELECTRICA	LINE HEIGHT
	CAJA ELECTRICA	PULL BOX
	VIA DESTAPADA	DIRT ROAD
	VIA PAVIMENTADA	PAVED ROAD
MT	LINEA DE MEDIA	MIDDLE VOLTAGE
AT	LINEA DE ALTA	HIGH VOLTAGE
	PARAMENTO	BUILDING
	MURO	WALL
	RED AIRE	COMPRESSED AIR LINE
	RED ACUEDUCTO	WATERLINE
	VALLA	FENCE
	CAJA DE INSPECCION	MANHOLE
	POZO TRAMPA DE GRASAS	GREASE TRAP
	CUNETA-CARCAMO	DITCH
	VEGETACION	VEGETATION
	CONTENEDOR	CONTAINER

NOTAS DE TOPOGRAFöA /SURVEY NOTES

1. LA INFORMACIč N DE CAMPO EXISTENTE FUE TOMADA POR EL ING. TOPOGRČFICO WILLIANS M. BELTRČN EN OCTUBRE 2012. DOS SONDEOS ADICIONALES SE HICIERON PARA COMPLETAR LA INFORMACIč N DE GEOTECNIA (CPT-1 Y BH-1). CUALQUIER DISCREPANCIA DEBERČ SER COMUNICADA AL REPRESENTANTE DEL OFICIAL DE CONTRATOS INMEDIATAMENTE. EL CONTRATISTA ES RESPONSABLE DE LOS COSTOS ASOCIADOS CON LAS LABORES DE LOCALIZACIč N Y REPLANTEO DEL PROYECTO.
THE EXISTING SITE INFORMATION SHOWN HEREON IS BASED ON SURVEY PERFORMED BY WILLIANS M. BELTRČN IN OCTOBER 2012. TWO ADDITIONAL SOIL BORINGS WERE DEVELOPED TO COMPLETE THE GEOTECHNICAL INFORMATION (CPT-1 Y BH-1). ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) IMMEDIATELY. THE CONTRACTOR IS RESPONSIBLE FOR ANY COST ASSOCIATED WITH THE WORKS OF PROJECT LOCATION.

2. AL MOMENTO DE REALIZAR LA TOPOGRAFöA NO SE CONTč CON PLANOS DE REDES EXISTENTES PARA VERIFICAR/ESTABLECER LA LOCALIZACIč N Y TAMAœO DE LAS LčNEAS DE SERVICIOS ENTERRADAS. EL CONTRATISTA DEBERČ TENER CUIDADO AL MOMENTO DE REALIZAR LOS TRABAJOS DE EXCAVACIč N CON LAS LčNEAS DE AGUA, AIRE COMPRIMIDO Y CUALQUIER OTRA LčNEA DE SERVICIOS. CUALQUIER AJUSTE A LA LčNEA DE SERVICIOS REQUERIDA PARA CONSTRUIR LAS MEJORAS DENTRO DE ESTE CONTRATO DEBERČ SER RESPONSABILIDAD DEL CONTRATISTA.
AT THE TIME OF SURVEY AS-BUILT UTILITY DRAWINGS WERE NOT AVAILABLE TO VERIFY/ESTABLISH THE LOCATION AND SIZE OF BURIED UTILITIES. THE CONTRACTOR SHALL EXCAVATE BEING CAREFUL WITH THE BURIED UTILITIES (WATERLINE, COMPRESSED AIR PIPE OR ANY OTHER). ANY UTILITY ADJUSTMENTS REQUIRED TO CONSTRUCT THE IMPROVEMENTS UNDER THIS CONTRACT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

3. EL CONTRATISTA DEBERČ ASEGURAR QUE LA LčNEA DE AGUA POTABLE QUE ALIMENTA CANILES, Y LAS LINEAS ELECTRICAS Y DE COMUNICACIONES UBICADAS SOBRE EL COSTADO ORIENTAL DEL LOTE PERMANEZCAN OPERABLES DURANTE LA CONSTRUCCIč N. EN EL EVENTO DE QUE LOS SERVICIOS SE INTERRUMPAN EL CONTRATISTA DEBERČ SER RESPONSABLE DE RESTAURARLOS INMEDIATAMENTE Y DE CUBRIR LOS GASTOS ASOCIADOS.
THE CONTRACTOR SHALL ENSURE THAT THE POTABLE WATERLINE THAT FEEDS K-9 AREA, AND THE ELECTRICAL LINES AND COMMUNICATION LINES LOCATED AT THE EAST SIDE OF THE LOT REMAIN UNINTERRUPTED DURING CONSTRUCTIONS. IN THE EVENT THAT SERVICE INTERRUPTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATELY RESTORING THEM TO OPERATING CONDITIONS AND THE EXPENSE THEREOF.

N-1024275 N-1024250 N-1024225 N-1024200 N-1024175

E-1000950 E-1000975 E-1001000 E-1001025 E-1001050 E-1001075

1:250 ESCALA/SCALE

EMBASSY OF THE UNITED STATES
I.N.L. SECTION
BOGOTÁ , COLOMBIA

WARNING:
This document is the property of the U.S. Government. Further reproduction and/ or distribution is prohibited without the written permission of the I.N.L. Section Colombia.
Information on this document is not to be altered except with the written approval of this office.

SUPERVISED BY:
I.N.L.
INTERNATIONAL NARCOTICS AND LAW ENFORCEMENT SECTION
EMBASSY OF THE UNITED STATES,
BOGOTA, COLOMBIA

COR: I.N.L. PROJECT ARCHITECT/ENGINEER

PROJECT DESIGN / MANAGEMENT

HCSgroup
Engineering and Technical Solutions
8401 Crossland Loop, Montg. AL 36117

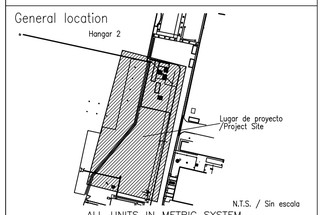
NEW SHOPS BUILDING
CNP HANGAR 2, GUAYMARAL

BOGOTÁ, CUNDINAMARCA

Contract/PO No.:	Contract/PO date:
SC015013M0030	OCT. 2012

Legends/Remarks

General location



ALL UNITS IN METRIC SYSTEM

Revisions

Rev.No.	Description		Date
1			
2			
3	90% Submittal		July 16
4	90% Submittal		Sept.11
5			
6			
7			
8			
9			
10			

AS-BUILT
FIRMA FECHA

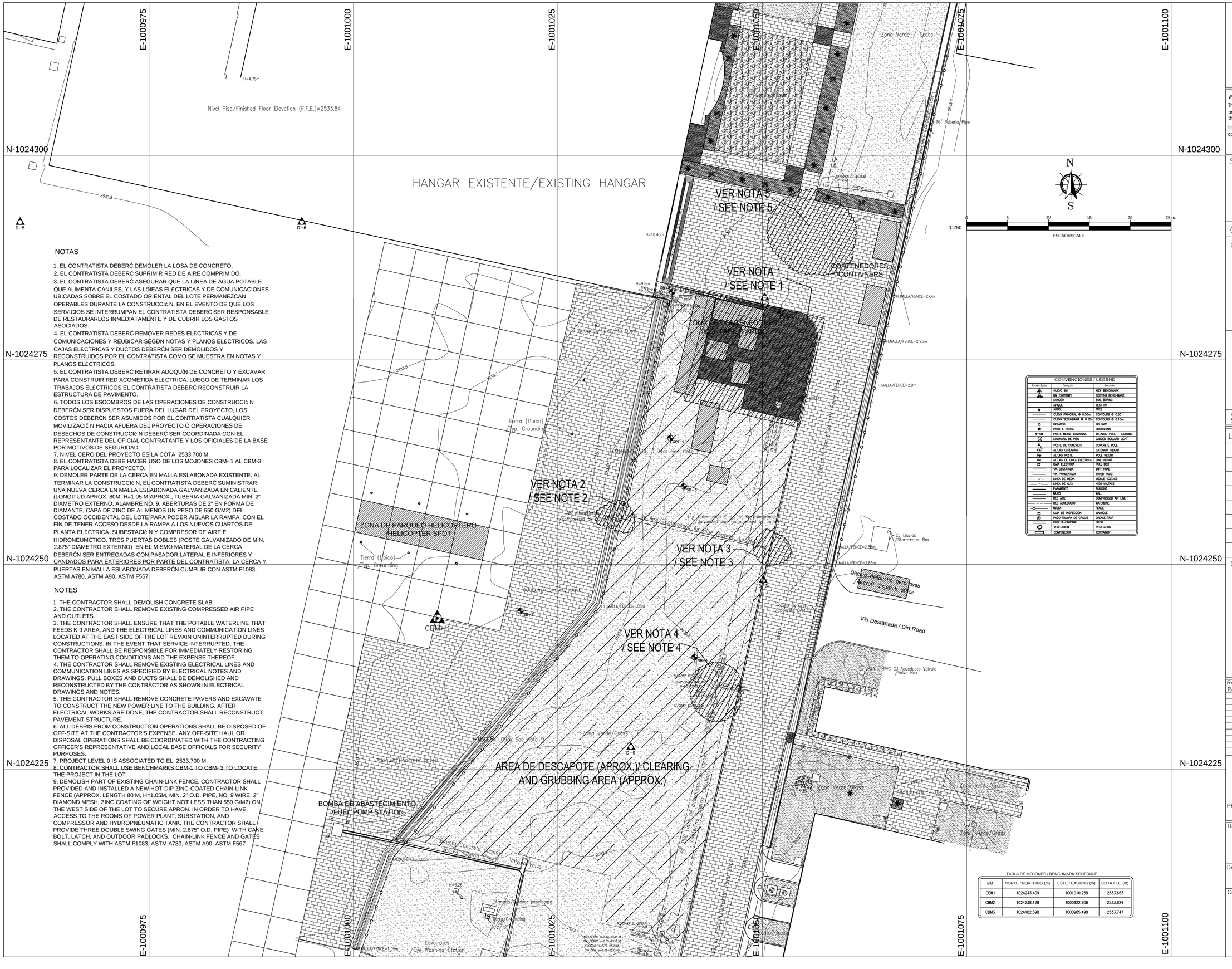
Phase:
☐35% ☐60% ☐90% ☒100% ☐AS BUILT

Drawing title:
Condiciones Existentes/ Existing Conditions

Drawing file:	Scale:
NS, C1-C2.DWG	1:250

Code
C2

Drawing date: OCTOBER 2013
Designed by: Willians M. Beltran
Profession: Topografo / Surveyor
Professional ID: 25810-089372 CND
Signature:



NOTAS

1. EL CONTRATISTA DEBERÁ DEMOLER LA LOSA DE CONCRETO.
2. EL CONTRATISTA DEBERÁ SUPRIMIR RED DE AIRE COMPRIMIDO.
3. EL CONTRATISTA DEBERÁ ASEGURAR QUE LA LÍNEA DE AGUA POTABLE QUE ALIMENTA CANILES, Y LAS LÍNEAS ELÉCTRICAS Y DE COMUNICACIONES UBICADAS SOBRE EL COSTADO ORIENTAL DEL LOTE PERMANEZCAN OPERABLES DURANTE LA CONSTRUCCIÓN. EN EL EVENTO DE QUE LOS SERVICIOS SE INTERRUMPAN EL CONTRATISTA DEBERÁ SER RESPONSABLE DE RESTAURARLOS INMEDIATAMENTE Y DE CUBRIR LOS GASTOS ASOCIADOS.
4. EL CONTRATISTA DEBERÁ REMOVER REDES ELÉCTRICAS Y DE COMUNICACIONES Y REUBICAR SEGÚN NOTAS Y PLANOS ELÉCTRICOS. LAS CAJAS ELÉCTRICAS Y DUCTOS DEBERÁN SER DEMOLIDOS Y RECONSTRUIDOS POR EL CONTRATISTA COMO SE MUESTRA EN NOTAS Y PLANOS ELÉCTRICOS.
5. EL CONTRATISTA DEBERÁ RETIRAR ADOQUÍN DE CONCRETO Y EXCAVAR PARA CONSTRUIR RED ACOMETIDA ELÉCTRICA. LUEGO DE TERMINAR LOS TRABAJOS ELÉCTRICOS EL CONTRATISTA DEBERÁ RECONSTRUIR LA ESTRUCTURA DE PAVIMENTO.
6. TODOS LOS ESCOMBROS DE LAS OPERACIONES DE CONSTRUCCIÓN DEBERÁN SER DISPUESTOS FUERA DEL LUGAR DEL PROYECTO, LOS COSTOS DEBERÁN SER ASUMIDOS POR EL CONTRATISTA CUALQUIER MOVILIZACIÓN HACIA AFUERA DEL PROYECTO O OPERACIONES DE DESECHOS DE CONSTRUCCIÓN DEBERÁ SER COORDINADA CON EL REPRESENTANTE DEL OFICIAL CONTRATANTE Y LOS OFICIALES DE LA BASE POR MOTIVOS DE SEGURIDAD.
7. NIVEL CERO DEL PROYECTO ES LA COTA 2533.700 M
8. EL CONTRATISTA DEBE HACER USO DE LOS MOJONES CBM- 1 AL CBM-3 PARA LOCALIZAR EL PROYECTO.
9. DEMOLER PARTE DE LA CERCA EN MALLA ESLABONADA EXISTENTE. AL TERMINAR LA CONSTRUCCIÓN, EL CONTRATISTA DEBERÁ SUMINISTRAR UNA NUEVA CERCA EN MALLA ESLABONADA GALVANIZADA EN CALIENTE (LONGITUD APROX. 80M, H=1.05 M APROX., TUBERIA GALVANIZADA MIN. 2" DIAMETRO EXTERNO, ALAMBRE NO. 9, ABERTURAS DE 2" EN FORMA DE DIAMANTE. CAPA DE ZINC DE AL MENOS UN PESO DE 550 G/M2) DEL COSTADO OCCIDENTAL DEL LOTE PARA PODER AISLAR LA RAMPA. CON EL FIN DE TENER ACCESO DESDE LA RAMPA A LOS NUEVOS CUARTOS DE PLANTA ELÉCTRICA, SUBESTACIÓN Y COMPRESOR DE AIRE E HIDRONEUMÁTICO, TRES PUERTAS DOBLES (POSTE GALVANIZADO DE MIN. 2.875" DIAMETRO EXTERNO) EN EL MISMO MATERIAL DE LA CERCA DEBERÁN SER ENTREGADAS CON PASADOR LATERAL E INFERIORES Y CANDADOS PARA EXTERIORES POR PARTE DEL CONTRATISTA. LA CERCA Y PUERTAS EN MALLA ESLABONADA DEBERÁN CUMPLIR CON ASTM F1083, ASTM A780, ASTM A90, ASTM F567.

NOTES

1. THE CONTRACTOR SHALL DEMOLISH CONCRETE SLAB.
2. THE CONTRACTOR SHALL REMOVE EXISTING COMPRESSED AIR PIPE AND OUTLETS.
3. THE CONTRACTOR SHALL ENSURE THAT THE POTABLE WATERLINE THAT FEEDS K-9 AREA, AND THE ELECTRICAL LINES AND COMMUNICATION LINES LOCATED AT THE EAST SIDE OF THE LOT REMAIN UNINTERRUPTED DURING CONSTRUCTIONS. IN THE EVENT THAT SERVICE INTERRUPTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATELY RESTORING THEM TO OPERATING CONDITIONS AND THE EXPENSE THEREOF.
4. THE CONTRACTOR SHALL REMOVE EXISTING ELECTRICAL LINES AND COMMUNICATION LINES AS SPECIFIED BY ELECTRICAL NOTES AND DRAWINGS. PULL BOXES AND DUCTS SHALL BE DEMOLISHED AND RECONSTRUCTED BY THE CONTRACTOR AS SHOWN IN ELECTRICAL DRAWINGS AND NOTES.
5. THE CONTRACTOR SHALL REMOVE CONCRETE PAVERS AND EXCAVATE TO CONSTRUCT THE NEW POWER LINE TO THE BUILDING. AFTER ELECTRICAL WORKS ARE DONE, THE CONTRACTOR SHALL RECONSTRUCT PAVEMENT STRUCTURE.
6. ALL DEBRIS FROM CONSTRUCTION OPERATIONS SHALL BE DISPOSED OF OFF-SITE AT THE CONTRACTOR'S EXPENSE. ANY OFF-SITE HAUL OR DISPOSAL OPERATIONS SHALL BE COORDINATED WITH THE CONTRACTING OFFICER'S REPRESENTATIVE AND LOCAL BASE OFFICIALS FOR SECURITY PURPOSES.
7. PROJECT LEVEL 0 IS ASSOCIATED TO EL. 2533.700 M.
8. CONTRACTOR SHALL USE BENCHMARKS CBM-1 TO CBM- 3 TO LOCATE THE PROJECT IN THE LOT.
9. DEMOLISH PART OF EXISTING CHAIN-LINK FENCE. CONTRACTOR SHALL PROVIDED AND INSTALLED A NEW HOT-DIP ZINC-COATED CHAIN-LINK FENCE (APPROX. LENGTH 80 M, H=1.05M, MIN. 2" O.D. PIPE, NO. 9 WIRE, 2" DIAMOND MESH, ZINC COATING OF WEIGHT NOT LESS THAN 550 G/M2) ON THE WEST SIDE OF THE LOT TO SECURE APRON. IN ORDER TO HAVE ACCESS TO THE ROOMS OF POWER PLANT, SUBSTATION, AND COMPRESSOR AND HYDROPNEUMATIC TANK, THE CONTRACTOR SHALL PROVIDE THREE DOUBLE SWING GATES (MIN. 2.875" O.D. PIPE) WITH CANE BOLT, LATCH, AND OUTDOOR PADLOCKS. CHAIN-LINK FENCE AND GATES SHALL COMPLY WITH ASTM F1083, ASTM A780, ASTM A90, ASTM F567.

CONVENCIONES / LEGEND

Simbolo / Symbol	Descripción	Description
	NUEVO BM	NEW BENCHMARK
	BM EXISTENTE	EXISTING BENCHMARK
	SONDEO	SOIL BORING
	APIQUE	TEST PIT
	ARBOL	TREE
	CURVA PRINCIPAL @ 0.50m	CONTOURS @ 0.50
	CURVA SECUNDARIA @ 0.10m	CONTOURS @ 0.10m
	BOLARDO	BOLLARD
	POLO A TIERRA	GROUNDING
	POSTE METAL-LUMINARIA	METALLIC POLE – LIGHTING
	LUMINARIA DE PISO	GARDEN BOLLARD LIGHT
	POSTE DE CONCRETO	CONCRETE POLE
CAT	ALTURA CATENARIA	CATENARY HEIGHT
Hp	ALTURA POSTE	POLE HEIGHT
Hc	ALTURA DE LINEA ELECTRICA	LINE HEIGHT
	CAJA ELECTRICA	PULL BOX
	VIA DESTAPADA	DIRT ROAD
	VIA PAVIMENTADA	PAVED ROAD
	LINEA DE MEDIA	MIDDLE VOLTAGE
	LINEA DE ALTA	HIGH VOLTAGE
	PARAMENTO	BUILDING
	MURO	WALL
	RED AIRE	COMPRESSED AIR LINE
	RED ACUEDUCTO	WATERLINE
	MALLA	FENCE
	CAJA DE INSPECCION	MANHOLE
	POZO TRAMPA DE GRASAS	GREASE TRAP
	CUNETA–CARCAMO	DITCH
	VEGETACION	VEGETATION
	CONTENEDOR	CONTAINER

TABLA DE MOJONES / BENCHMARK SCHEDULE

BM	NORTE / NORTHING (m)	ESTE / EASTING (m)	COTA / EL. (m)
CBM1	1024243.409	1001010.258	2533.653
CBM2	1024238.128	1000922.806	2533.624
CBM3	1024182.398	1000985.498	2533.747

EMBASSY OF THE UNITED STATES
I.N.L. SECTION
BOGOTÁ , COLOMBIA

WARNING:
This document is the property of the U.S. Government. Further reproduction and/ or distribution is prohibited without the written permission of the I.N.L. Section Colombia.
Information on this document is not to be altered except with the written approval of this office.

SUPERVISED BY:
I.N.L.
INTERNATIONAL NARCOTICS AND LAW ENFORCEMENT SECTION
EMBASSY OF THE UNITED STATES,
BOGOTA, COLOMBIA

COR: I.N.L. PROJECT ARCHITECT/ENGINEER

PROJECT DESIGN / MANAGEMENT

HCSgroup
Engineering and Technical Solutions
8401 Crossland Loop, Montg. AL 36117

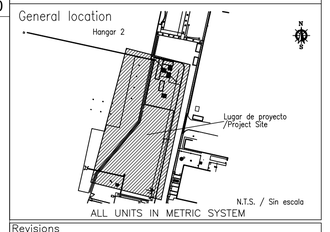
NEW SHOPS BUILDING
CNP HANGAR 2, GUAYMARAL

BOGOTÁ, CUNDINAMARCA

Contract/PO No.:	Contract/PO date:
SC015013M0030	OCT. 2012

Legends/Remarks

General location



ALL UNITS IN METRIC SYSTEM

Revisions

Rev.No.	Description	Date
1		
2		
3	90% Submittal	July 16
4	90% Submittal	Sept.11
5		
6		
7		
8		
9		
10		

AS-BUILT
FIRMA FECHA

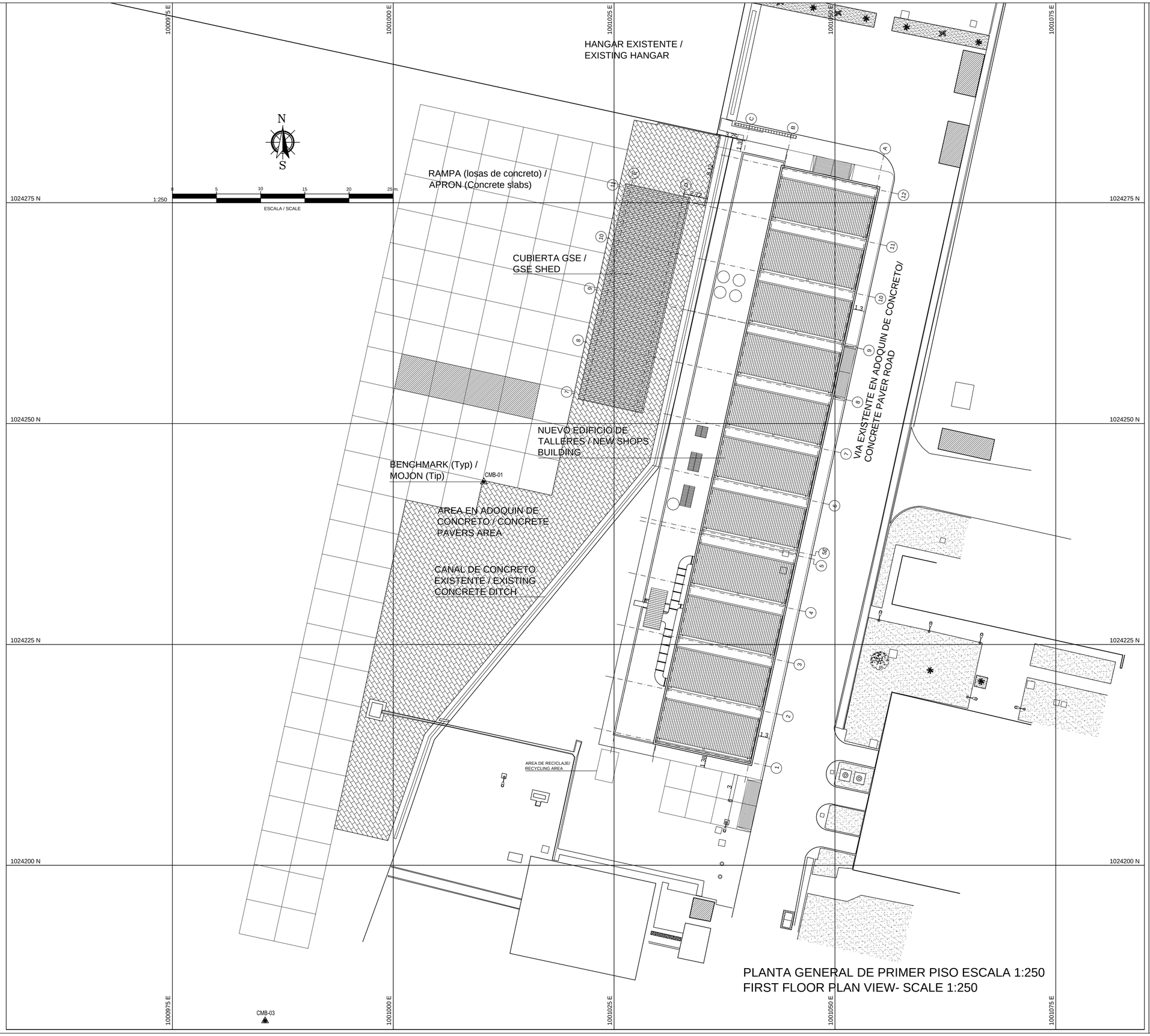
Phase:
☐35% ☐60% ☐90% ☒100% ☐AS BUILT

Drawing title:
Plano de demolicion/ Demolition plan

Drawing file: NS, C3.DWG
Scale: 1:250

Code: C3

Drawing date: OCTOBER 2013
Designed by: José M. Mora
Profession: Civil Engineer
Professional ID: 2520264611 CND
Signature:



PLANTA GENERAL DE PRIMER PISO ESCALA 1:250
FIRST FLOOR PLAN VIEW- SCALE 1:250

EMBASSY OF THE UNITED STATES
I.N.L. SECTION
BOGOTA , COLOMBIA

WARNING:
This document is the property of the U.S. Government. Further reproduction and/ or distribution is prohibited without the written permission of the I.N.L. Section Colombia.
Information on this document is not to be altered except with the written approval of this office.

SUPERVISED BY:

I.N.L.
INTERNATIONAL NARCOTICS AND LAW ENFORCEMENT SECTION
EMBASSY OF THE UNITED STATES,
BOGOTA, COLOMBIA

COR: I.N.L. PROJECT ARCHITECT/ENGINEER

PROJECT DESIGN / MANAGEMENT

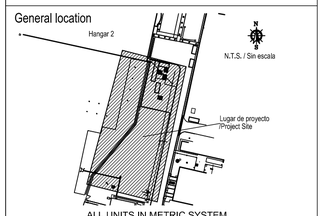
HCSgroup
Engineering and Technical Solutions
8401 Crossland Loop, Montg. AL 36117

NEW SHOPS BUILDING
CNP HANGAR 2, GUAYMARAL
BOGOTĆ, CUNDINAMARCA

Contract/PO No.:	Contract/PO date:
SC015013M0030	OCT. 2012

Legends/Remarks

General location



ALL UNITS IN METRIC SYSTEM

Revisions

Rev.No.	Description		Date
1			
2			
3	90% submittal		July 16
4	90% submittal		Sept. 11
5			
6			
7			
8			
9			
10			

AS-BUILT
FIRMA FECHA

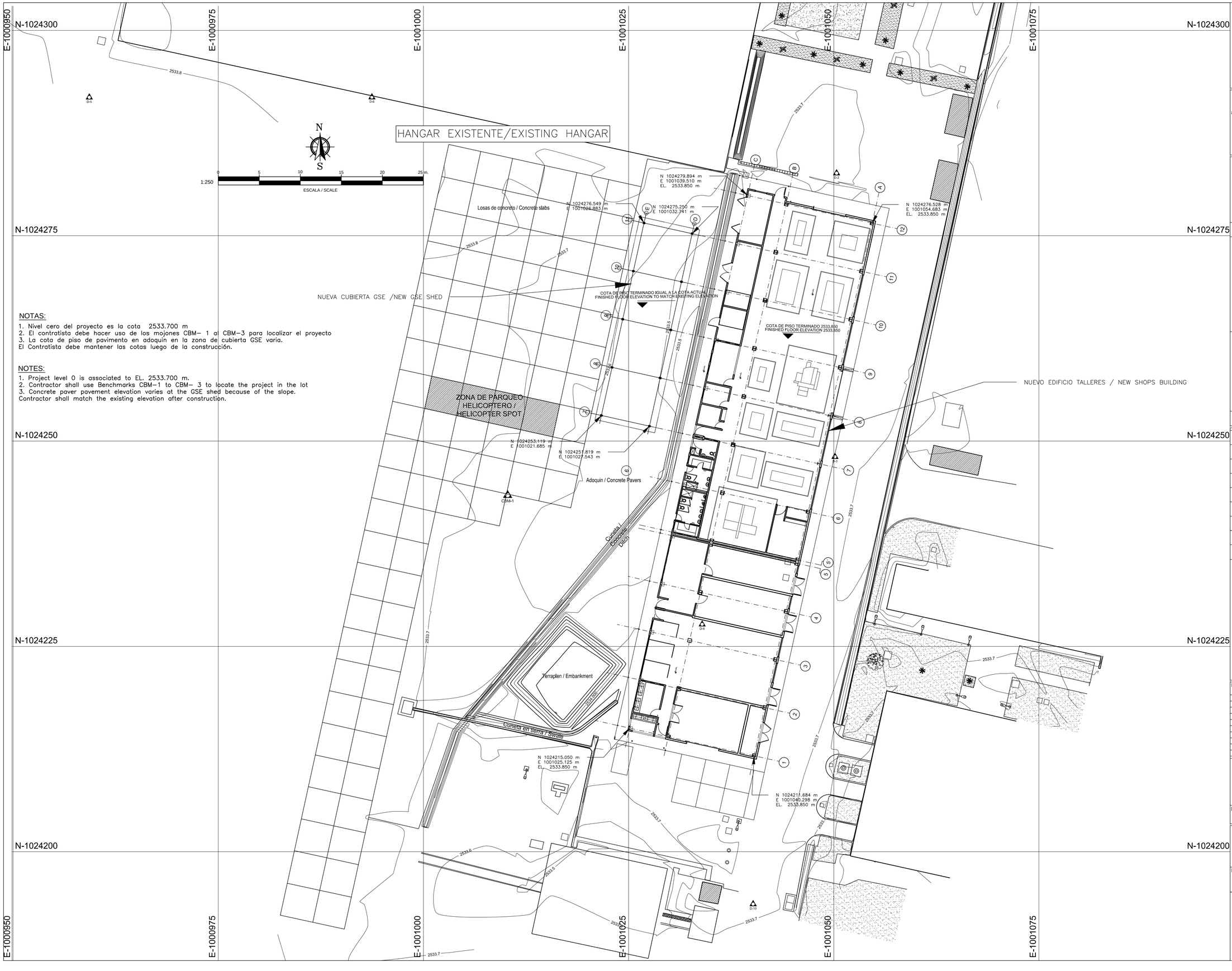
Phase:
☐ 35% ☐ 60% ☐ 90% ☒ 100% ☐ AS BUILT

Drawing title:
Plan trazado Geometrico / Geometrical layout

Drawing file: NS, C4.DWG
Scale:1:250

Code
C4

Drawing date: OCTOBER 2013
Designed by: Jose M. Mora M.
Profession: Civil Engineer
Professional ID: 2520264611CND
Signature:



NOTAS:

1. Nivel cero del proyecto es la cota 2533.700 m
2. El contratista debe hacer uso de los mojones CBM– 1 al CBM–3 para localizar el proyecto
3. La cota de piso de pavimento en adoquin en la zona de cubierta GSE varia.
El Contratista debe mantener las cotas luego de la construcción.

NOTES:

1. Project level 0 is associated to EL. 2533.700 m.
2. Contractor shall use Benchmarks CBM–1 to CBM– 3 to locate the project in the lot
3. Concrete paver pavement elevation varies at the GSE shed because of the slope.
Contractor shall match the existing elevation after construction.

EMBASSY OF THE UNITED STATES
I.N.L. SECTION
BOGOTA , COLOMBIA

WARNING:
This document is the property of the U.S. Government. Further reproduction and/ or distribution is prohibited without the written permission of the I.N.L. Section Colombia.
Information on this document is not to be altered except with the written approval of this office.

SUPERVISED BY:

I.N.L.
INTERNATIONAL NARCOTICS AND LAW ENFORCEMENT SECTION
EMBASSY OF THE UNITED STATES,
BOGOTA, COLOMBIA

COR: I.N.L. PROJECT ARCHITECT/ENGINEER

PROJECT DESIGN / MANAGEMENT

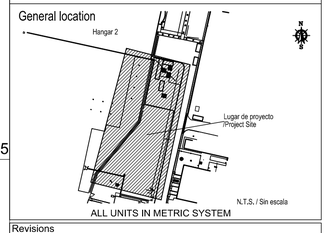
HCSgroup
Engineering and Technical Solutions
8401 Crossland Loop, Montg. AL 36117

NEW SHOPS BUILDING
CNP HANGAR 2, GUAYMARAL
BOGOTĆ, CUNDINAMARCA

Contract/PO No.:	Contract/PO date:
SC015013M0030	OCT. 2012

Legends/Remarks

General location



ALL UNITS IN METRIC SYSTEM

Revisions

Rev.No.	Description		Date
1			
2	90% Submittal		July 16
3	90% Submittal		Sept. 11
4			
5			
6			
7			
8			
9			
10			

AS-BUILT
FIRMA FECHA

Phase:
☐35% ☐60% ☐90% ☒100% ☐AS BUILT

Drawing title:
Plano Niveles/ Grading plan

Drawing file:	Scale:
NS,C5.DWG	1:250

Code
C-5

Drawing date: OCTOBER 2013
Designed by: José M. Mora
Profession: Civil Engineer
Professional ID: 2520264611 CND
Signature: