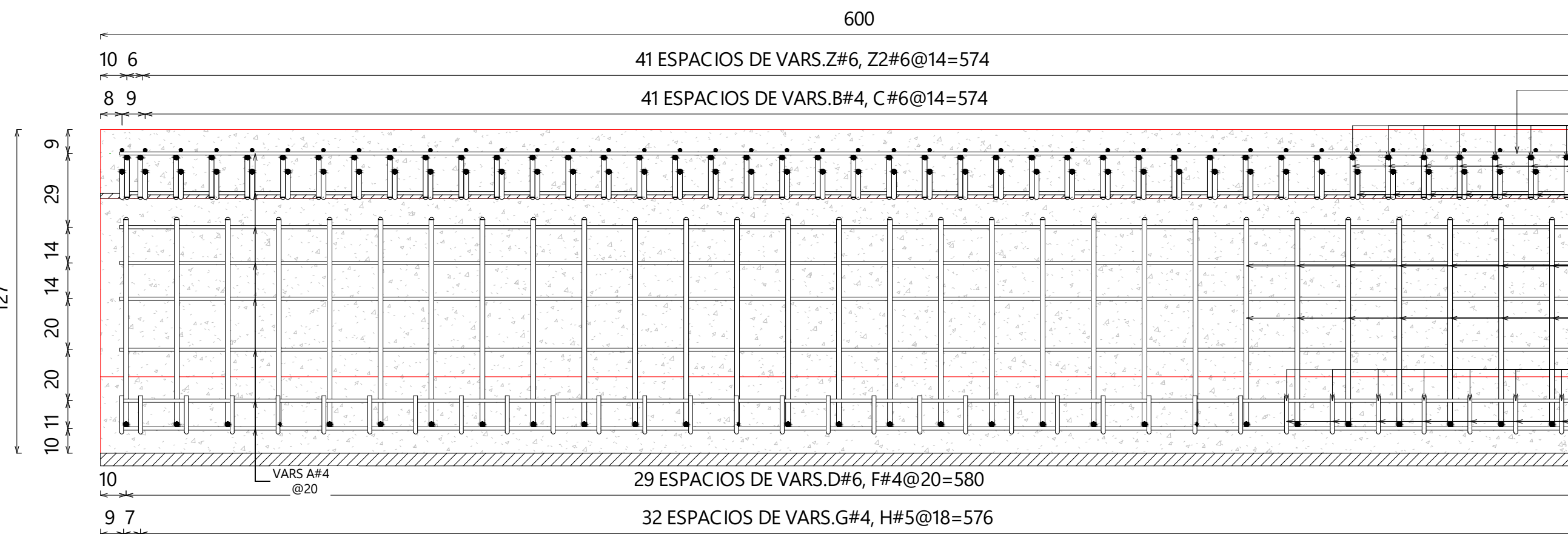


CORTE ARMADO A-A'

1:18 ACOT. CM



CORTE ARMADO B-B'

1:18 ACOT. CM

NOTAS GENERALES:

GENERALIDADES:
LAS ACOTACIONES SE ENCUENTRAN EN CENTÍMETROS, EXCEPTO DE QUE SE INDIQUE LO CONTRARIO. LOS NIVELES SE ENCUENTRAN EN METROS EXCEPTO DE QUE SE INDIQUE LO CONTRARIO. NO SE PODRÁN MODIFICAR DIMENSIONES NI ARMADOS DE LOS ELEMENTOS ESTRUCTURALES SIN LA AUTORIZACIÓN POR ESCRITO DEL INGENIERO ESTRUCTURAL PREVIO A LA EJECUCIÓN. TODAS LAS DIMENSIONES DEBERÁN SER VERIFICADAS EN SITIO.

ESPECIFICACIONES:
PARA EL DISEÑO DE LA LOSA Y SU CIMENTACIÓN, ASÍ COMO LOS ESFUERZOS TRANSMITIDOS A LO LARGO DE LA ZAPATA SE UTILIZÓ LA CARGA DE DISEÑO COOPER E80 (AREMA 2021) (BETON) + 3 M CLARO TRANSVERSAL, VER FIGURA 1. LA ÚLTIMA EDICIÓN DE LAS ESPECIFICACIONES GENERALES DE CONSTRUCCIÓN DE LA S.C.T. SE HARÁ REFERENCIA EN PARTICULAR DE LOS SIGUIENTES CAPÍTULOS:

EXCAVACIÓN PARA ESTRUCTURAS RELLENOS
CONCRETO HIDRÁULICO

N-CTR-CAR-1-01-007/00
N-CTR-CAR-1-01-07/00
N-CTR-CAR-1-02-003/00
N-CTR-CAR-1-02-003/04
N-CTR-CAR-1-02-004/00
N-CTR-CAR-1-02-004/02
N-CTR-CAR-1-02-005/01
N-CTR-CAR-1-02-006/01

ACERO PARA CONCRETO HIDRÁULICO
ACERO ESTRUCTURAL Y ELEMENTOS METÁLICOS
ESTRUCTURAS DE CONCRETO REFORZADO

MATERIALES:
DEBERÁN SER ACEPTADOS POR LA D.G.C.F. Y CUMPLIRAN LAS SIGUIENTES ESPECIFICACIONES:

CALIDAD DEL CEMENTO PORTLAND
CALIDAD DE AGREGADOS PÉTREOS PARA CONCRETO HIDRÁULICO
CALIDAD DE AGUA PARA CONCRETO HIDRÁULICO
CALIDAD DE ADITIVOS QUÍMICOS PARA CONCRETO HIDRÁULICO
CALIDAD DE CONCRETO HIDRÁULICO
CALIDAD DE MEMBRANAS DE CURADO PARA CONCRETO HIDRÁULICO
ACERO DE REFUERZO PARA CONCRETO HIDRÁULICO

N-CMT-2-02-001/02
N-CMT-2-02-002/02
N-CMT-2-02-003/02
N-CMT-2-02-004/04
N-CMT-2-02-005/04
N-CMT-2-02-006/04
N-CMT-2-02-007/04

DE LA MISMA MANERA, TODOS LOS MATERIALES DEBERÁN CUMPLIR CON LO ESPECIFICADO EN EL AREMA [2021], VOLUMEN 2, PARTE I, (MATERIALES, PRUEBAS Y REQUERIMIENTOS DE CONSTRUCCIÓN)

CONCRETO:

1.- SE USARÁ CONCRETO DE FC = 350 KG/C.M², PESO VOLUMÉTRICO DE 1900 KG/C.M³, MÓDULO DE ELASTICIDAD DE E = 195.785.000 KG/C.M², CON REBOMBENTO DE 2 A 1 CM Y AGREGADO GRUESO CON TAMAÑO MÁXIMO DE 1.9 CM. SE VIBRARÁ AL COLOCARLO. EN CASO DE QUE EL CONTRATISTA REQUIERA USAR ADITIVOS PARA EL CONCRETO, DEBERÁ JUSTIFICAR OPORTUNAMENTE LA CANTIDAD Y DOSIFICACIÓN DE ESTOS PRODUCTOS, PRESENTANDO A LA SECRETARÍA PRUEBAS SATISFATORIAS DE SU EMPLEO, CON LOS AGREGADOS Y EL CEMENTO QUE SE VAN A EMPLEAR.

2.- EL CONCRETO DEBERÁ SER SUMINISTRADO CON IMPERMEABILIZANTE INTEGRADO "ESTERGERAL" O TÉCNICAMENTE SIMILAR.

3.- EL RECUBRIMIENTO MÍNIMO EN LOSAS, MUROS Y ZAPATAS SERÁ DE 7.5 CM, EXCEPTO, CUANDO SE INDIQUE OTRO VALOR.

4.- SI LA SUPERFICIE DEL CONCRETO RESULTA POROSA O IRREGULAR AL REMOVER LOS MOLDES, ESAS SUPERFICIES DEBERÁN ACABARSE MEDIANTE DOS MANOS. LA PRIMERA DE PASTA DE CEMENTO BLANCO, APLICADA CON ESPÁTULA SOBRE SUPERFICIE HUMEDA. LA SEGUNDA CON LECHADA DE CEMENTO BLANCO Y UN ADITIVO PARA LOGRAR LA ADHESIÓN APLICADA.

ACERO DE REFUERZO:

SE TENDRÁ ESPECIAL CUIDADO EN LA LIMPIEZA DE LAS VARILLAS EVITANDO QUE TENGAN ÓXIDO SUELO ANTES DE DEPOSITAR EL CONCRETO. LOS EMPALMES NO INDICADOS EN ESTE PLANO SE HARÁN CUATROPAÑADOS, SIN EXCEPTO DEL 50% DEL ACERO PRINCIPAL DE LA SECCIÓN. LOS CASOS AISLADOS EN QUE SE EMPALME MÁS DEL 50% DEL REFUERZO, SE AUMENTARÁN EN UN 20% LAS LONGITUDES DE TRASPASE.

RECOMENDACIONES DE CONSTRUCCIÓN:

LAS VARILLAS DE REFUERZO DE LOS NÚMEROS B#4, B#6, B#8, B#10, B#12, B#14, B#16, B#18, B#20, B#22, B#24, B#26, B#28, B#30, B#32, B#34, B#36, B#38, B#40, B#42, B#44, B#46, B#48, B#50, B#52, B#54, B#56, B#58, B#60, B#62, B#64, B#66, B#68, B#70, B#72, B#74, B#76, B#78, B#80, B#82, B#84, B#86, B#88, B#90, B#92, B#94, B#96, B#98, B#100, B#102, B#104, B#106, B#108, B#110, B#112, B#114, B#116, B#118, B#120, B#122, B#124, B#126, B#128, B#130, B#132, B#134, B#136, B#138, B#140, B#142, B#144, B#146, B#148, B#150, B#152, B#154, B#156, B#158, B#160, B#162, B#164, B#166, B#168, B#170, B#172, B#174, B#176, B#178, B#180, B#182, B#184, B#186, B#188, B#190, B#192, B#194, B#196, B#198, B#200, B#202, B#204, B#206, B#208, B#210, B#212, B#214, B#216, B#218, B#220, B#222, B#224, B#226, B#228, B#230, B#232, B#234, B#236, B#238, B#240, B#242, B#244, B#246, B#248, B#250, B#252, B#254, B#256, B#258, B#260, B#262, B#264, B#266, B#268, B#270, B#272, B#274, B#276, B#278, B#280, B#282, B#284, B#286, B#288, B#290, 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