

Street Improvement Plan

LEGAL DESCRIPTION

DESCRIPTION:

PARCEL A:

THE SOUTH 24 FEET IN WIDTH OF THAT PORTION OF LOT 7, BLOCK 9, TOWN OF SEATTLE, AS LAID OUT BY D.S. MAYNARD, COMMONLY KNOWN AS D.S. MAYNARD'S PLAT OF SEATTLE, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 1 OF PLATS, PAGE(S) 23, IN KING COUNTY, WASHINGTON, LYING WESTERLY OF THE WESTERLY MARGIN OF 2ND AVENUE SOUTH.

PARCEL B:

THAT PORTION OF LOT 8 AND THE NORTH 36 FEET OF LOT 7, BLOCK 9, TOWN OF SEATTLE, AS LAID OUT BY D.S. MAYNARD, COMMONLY KNOWN AS D.S. MAYNARD'S PLAT OF SEATTLE, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 1 OF PLATS, PAGE(S) 23, IN KING COUNTY, WASHINGTON, LYING WESTERLY OF THE WESTERLY MARGIN OF 2ND AVENUE SOUTH.

HORIZONTAL DATUM:
NAD 83(2011) EPOCH 2010

VERTICAL DATUM:
NAVD 88

VERTICAL BENCHMARKS

SOURCE: CITY OF SEATTLE
ID# SNV-5133
DESCRIPTION: 2" BRASS DISC
LOCATION: SOUTHEASTERLY QUADRANT OF 1ST AND JACKSON
ELEVATION: 26.23'
VISIT DATE: 08/30/2013

SOURCE: CITY OF SEATTLE
ID# 3663-250
DESCRIPTION: 2" BRASS DISC
LOCATION: SOUTH SIDE OF MAIN ST. AT CENTERLINE OF CURB AT OCCIDENTAL EXTENDED.
ELEVATION: 28.32'
VISIT DATE: 08/30/2013

HORIZONTAL BENCHMARKS

SOURCE: CITY OF SEATTLE
DESCRIPTION: FOUND MONUMENT IN CASE W/ HUB & TACK IN 1/4 IP
LOCATION: THE INTERSECTION OF OCCIDENTAL AVE. S AND S. WASHINGTON ST.
NORTHING: 222788.00
EASTING: 1270486.06

SOURCE: CITY OF SEATTLE
DESCRIPTION: FOUND CONCRETE MONUMENT IN CASE W/ 1/4" NAIL DOWN 1.0'
LOCATION: THE INTERSECTION 3RD AVE. S AND S. WASHINGTON ST.
NORTHING: 222780.86
EASTING: 1270808.00

CONVERGENCE ANGLE: -01°06'55.68"
COMBINED SCALE FACTOR: 0.99998497
SCALE FACTOR: 0.99998271

ARCHITECT

BUILDING WORK
159 WESTERN AVE W, SUITE 486
SEATTLE, WA 98119
P: (206) 775-8668
CONTACT: RJ LIERE, KATE WEILAND
EMAIL: rj@buildingwork.design

SURVEYOR

BUSH, ROED & HITCHINGS, INC.
2009 MINOR AVENUE EAST
SEATTLE, WA 98102-3513
P: (206) 323-4144

CIVIL ENGINEER

LPD ENGINEERING PLLC
1932 FIRST AVE, SUITE 201
SEATTLE, WA 98101
P: (206) 725-1211
CONTACT: Marc J. Servizi
EMAIL: MarcS@LPDengineering.com

STRUCTURAL ENGINEER

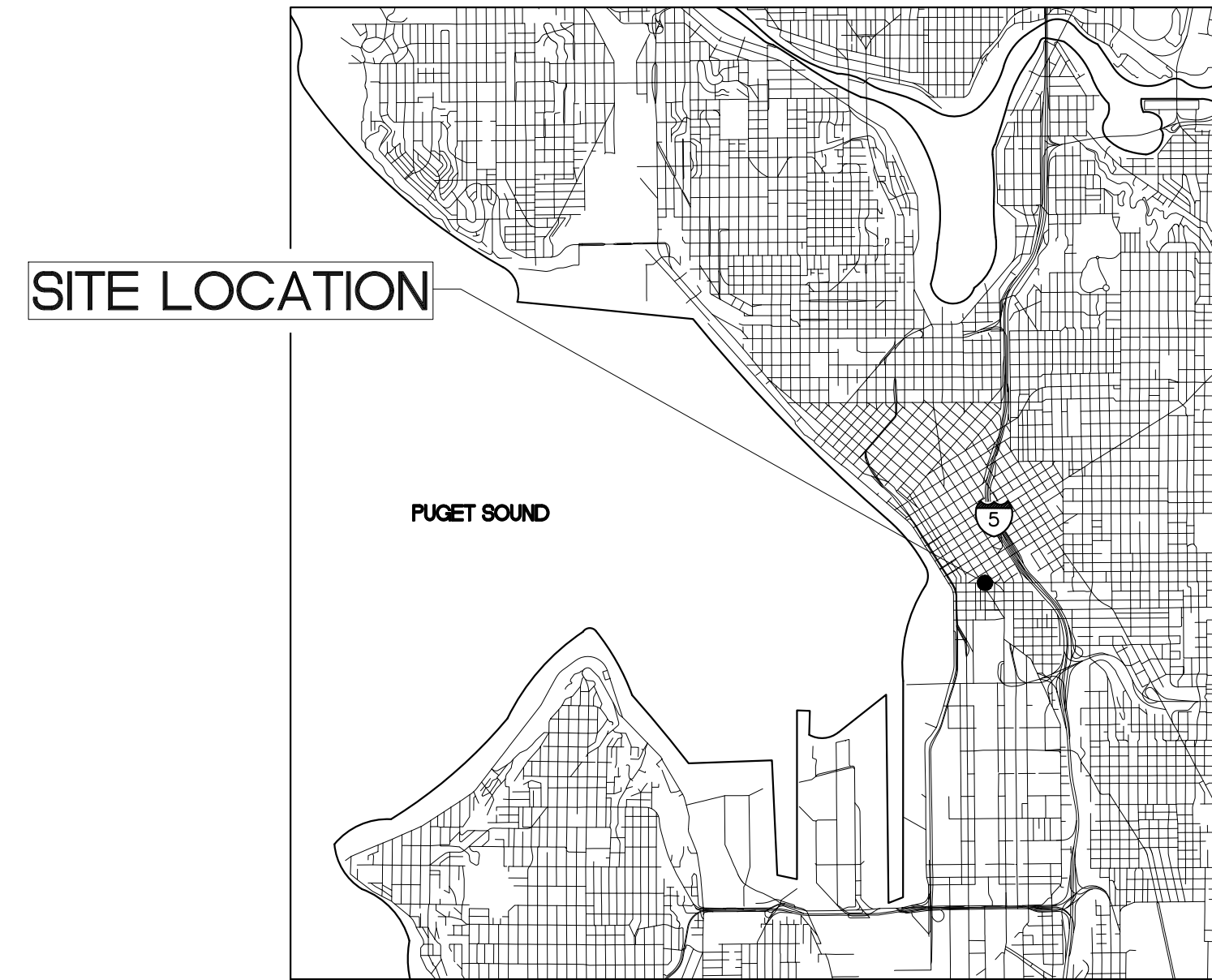
SWENSON SAY FAGET
2124 3RD AVE, SUITE 100
SEATTLE, WA 98121
P: (206) 443-6212
CONTACT: GREG COONS, PE
EMAIL: gcoons@ssfengineers.com

ELECTRICAL ENGINEER

TRAVIS FITZMAURICE WARTELLE BALANGUE (TF-WB) ENGINEERS
1200 WESTLAKE AVE. N, SUITE 509
SEATTLE, WA 98109
P: (206) 443-6212
CONTACT: ERIE LEMUS
EMAIL: erie@tf-wb.com

BUILDING ENVELOPE

RDH
2101 N. 34TH ST#150
SEATTLE, WA 98103
P: (206) 324-2272
CONTACT: LUKE BETTERIDGE
EMAIL: lbetteridge@rdh.com
CONTACT: ANDREW DILLENBACH
EMAIL: adillenbach@rdh.com



SITE LOCATION

VICINITY MAP

SCALE: 1"=1 MILE



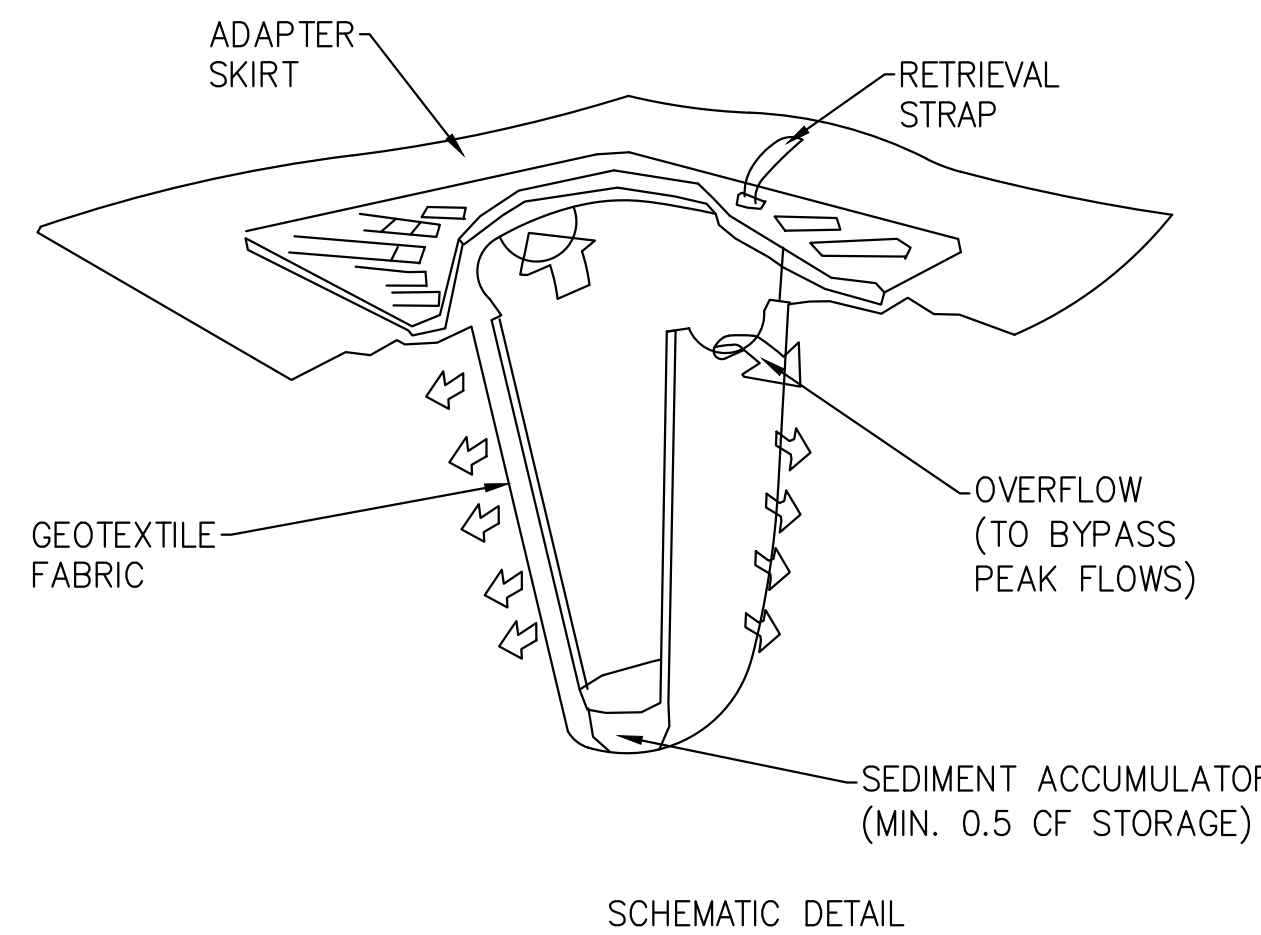
PROJECT AREA

LOCATION MAP

SCALE: 1"=200'

SHEET INDEX	
SHEET NO	SHEET TITLE
1	COVER
2	NOTES
3	ALLEY TESC AND DEMOLITION
4	YESLER WAY AND 2ND AVE EXT S TESC AND DEMOLITION
5	ALLEY IMPROVEMENTS
6	YESLER WAY AND 2ND AVE EXT S
7	DETAILS
7.1	DETAILS AND CURB RAMP
6	S1-STRUCTURAL NOTES
7	S2-AREAWAY FOUNDATION PLAN
8	S3-AREAWAY LID FRAMING PLAN
9	S4-STRUCTURAL DETAILS
10	S5-STRUCTURAL DETAILS
11	S6-STRUCTURAL DETAILS
12	S7-STRUCTURAL DETAILS
13	ELECTRICAL SITE PLAN - ALLEY
14	ELECTRICAL BASEMENT - 2ND AVE
15	A1-ARCHITECTURAL PLAN
16	A2-ARCHITECTURAL DETAILS
17	A3-ARCHITECTURAL DETAILS
1	TOPOGRAPHICAL BOUNDARY SURVEY
2	RIGHT OF WAY DIAGRAM

METROPOLE BUILDING DPD PROJECT # 6508387-CN



SCHEMATIC DETAIL

PROVIDE "STREAMGUARD SEDIMENT CATCH BASIN INSERT" OR APPROVED EQUAL
MANUFACTURER'S NAME: BOWHEAD ENVIRONMENTAL & SAFETY
ADDRESS: P.O. BOX 375 PRESTON, WA 98050
TELEPHONE: FOR INFORMATION: (800) 909-3677
WWW.SHOPBOWHEAD.COM

CATCH BASIN INSERT

DETAIL 1
SCALE: NTS 2

TO BE PROVIDED BY PSPB

COLORED/STAMPED ASPHALT PAVING DETAIL

DATE	MARK	NATURE	REVISIONS
		MADE	CHK'D REV'D



APPROVED FOR SDOT PERMITTING	
ENGINEER/LA/SURVEYOR	SDOT PROJECT MANAGER
SPU/WATER ENGINEERING	SDOT SUPERVISOR
SPU/DRAINAGE	REVISED AS-BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS IN EFFECT ON THE DATE SHOWN ABOVE, AND SUPPLEMENTED BY SPECIAL PROVISIONS.



423 2ND AVE S EXT
COVER

SDOT PROJECT NO. 421941
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 1 OF 17

Street Improvement Plan

GENERAL NOTES FOR SDOT MAY 2021 (EFFECTIVE 05/13/2021)

- ALL WORK SHALL CONFORM TO THE 2020 EDITION OF CITY OF SEATTLE STANDARD SPECIFICATIONS, THE 2020 EDITION OF THE CITY OF SEATTLE STANDARD PLANS; AND SEATTLE DEPARTMENT OF TRANSPORTATION DIRECTOR'S RULE 01-2017 RIGHT-OF-WAY OPENING AND RESTORATION RULES. A COPY OF THESE DOCUMENTS SHALL BE ON SITE DURING CONSTRUCTION.
- A COPY OF THE APPROVED PLAN MUST BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- ERRORS AND OMISSIONS ON THE PERMITTED PLANS MUST BE CORRECTED BY THE ENGINEER AND APPROVED BY THE CITY OF SEATTLE.
- ALL PERMITS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT OF WAY MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
- PRIOR TO THE START OF CONSTRUCTION WITHIN THE RIGHT OF WAY, THE PERMITEE SHALL SCHEDULE AND ATTEND A PRECONSTRUCTION MEETING WITH THE CITY OF SEATTLE DEPARTMENT OF TRANSPORTATION.
- PERMITEE SHALL CONTACT SEATTLE DEPARTMENT OF TRANSPORTATION, STREET USE INSPECTOR A MINIMUM OF 2 BUSINESS DAYS PRIOR TO NEEDING AN INSPECTION.
- ALL DAMAGE TO CITY INFRASTRUCTURE CAUSED BY THE CONSTRUCTION SHALL BE IMMEDIATELY REPORTED AND REPAIRED AS REQUIRED BY THE SEATTLE DEPARTMENT OF TRANSPORTATION. TO REPORT DAMAGE TO SPU INFRASTRUCTURE, INCLUDING ANY SEWAGE RELEASE OR BLOCKAGE, CALL 206-386-1800.
- THE PROJECT IS LOCATED WITHIN THE BOUNDARY OF DOWNTOWN AND PIONEER SQUARE CONSTRUCTION HUB. CONTRACTORS PLANNING TO WORK IN THESE AREAS MUST SCHEDULE THEIR RIGHT-OF-WAY IMPACTS AND CONSTRUCTION WITH CONSTRUCTION HUB COORDINATORS. FINAL CONSTRUCTION SCHEDULE AND DURATIONS SHALL BE DETERMINED PRIOR TO PRECONSTRUCTION MEETING. WORK WILL HAVE AN APPROVED CONSTRUCTION SCHEDULE THROUGH THE PERMIT REVIEW PROCESS BY THE HUB COORDINATOR. COORDINATION OF WORK IN A DESIGNATED HUB AREA: LOCATIONS, DATES, AND TIMES OF WORK IN THE RIGHT-OF-WAY SHALL BE APPROVED BY THE HUB COORDINATOR THROUGH THE PERMIT REVIEW PROCESS. SCHEDULE AND TIME CHANGES AFTER THE INITIAL OR AMENDMENT ISSUANCE OF A UTILITY PERMIT SHALL BE APPROVED BY THE HUB COORDINATOR AT LEAST 10 BUSINESS DAYS PRIOR TO PERFORMING WORK. SCHEDULE AND TIME CHANGE REQUESTS CAN BE EMAILED TO SDOTCONSTRUCTIONHUB@SEATTLE.GOV. ATTENDANCE AT GEO-BASED HUB COORDINATION MEETINGS IS STRONGLY ENCOURAGED TO ENSURE DESIRED DATES ARE COORDINATED AND SCHEDULED TO MINIMIZE DELAYS IN THE PERMIT REVIEW AND HUB COORDINATION PROCESSES. FOR MEETING INFORMATION AND INVITATIONS, EMAIL SDOTCONSTRUCTIONHUB@SEATTLE.GOV. THE CONSTRUCTION HUB MAP CAN BE FOUND AT THIS LINK: [HTTPS://WWW.SEATTLE.GOV/TRANSPORTATION/PROJECTS-AND-PROGRAMS/PROGRAMS/PROJECT-AND-CONSTRUCTION- COORDINATION-OFFICE/CONSTRUCTION-HUB-COORDINATION](https://www.seattle.gov/transportation/projects-and-programs/programs/project-and-construction-coordination-office/construction-hub-coordination)
- DATUM: NAVD 88 AND NAD83/91
- SURVEYING AND STAKING OF ALL IMPROVEMENTS IN THE PUBLIC RIGHT OF WAY SHALL BE COMPLETED PRIOR TO CONSTRUCTION. PERMITEE TO STAKE THE CURB AT THE CENTERLINE OF DRAINAGE GRATES PER STANDARD PLAN 260A. SURVEY GRADE SHEETS MUST BE SUBMITTED AND APPROVED BY THE SEATTLE DEPARTMENT OF TRANSPORTATION AT LEAST 2 BUSINESS DAYS PRIOR TO CONSTRUCTION.
- IF AN EXISTING CURB IS TO BE REMOVED AND REPLACED IN THE SAME LOCATION THE PERMITEE SHALL PROVIDE THE STREET USE INSPECTOR A PLAN WITH EXISTING FLOW LINE AND TOP OF CURB ELEVATIONS IDENTIFIED. PERMITEE TO STAKE THE LOCATION OF THE EXISTING CURB PRIOR TO DEMOLITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REFERENCING AND REPLACING ALL MONUMENTS THAT MAY BE DISTURBED, DESTROYED OR REMOVED BY THE PROJECT AND, 2-DAYS PRIOR TO THE WORK, MUST FILE AN APPLICATION FOR PERMIT TO REMOVE OR DESTROY A SURVEY MONUMENT WITH THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, PURSUANT TO WAC 332-120. THE CONTRACTOR SHALL PROVIDE THE ENGINEER AND SPU LAND SURVEY WITH A COPY OF THE APPROVED PERMIT AND COMPLETION REPORT, SEE STANDARD SPECIFICATION 1-07.17.
- THE PERMITEE SHALL SUBMIT ALL APPLICABLE DOCUMENTS REQUIRED UNDER SECTION 1-05.3 OF THE STANDARD SPECIFICATIONS PRIOR TO CONSTRUCTION. A MATERIAL SOURCE FORM FOR ALL MATERIALS TO BE PLACED IN THE RIGHT OF WAY AND MIX DESIGNS FOR ALL ASPHALT, CONCRETE AND AGGREGATES TO BE PLACED IN THE RIGHT OF WAY MUST BE SUBMITTED TO THE SEATTLE DEPARTMENT OF TRANSPORTATION FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION. A REVISED MATERIAL SOURCE FORM AND MIX DESIGNS MUST BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT OF ANY SUBSTITUTE MATERIALS.
- THE PERMITEE SHALL NOTIFY THE SEATTLE FIRE DEPARTMENT DISPATCHER (206-386-1495) AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL WATER SERVICE INTERRUPTIONS, HYDRANT SHUTOFFS, AND STREET CLOSURES OR OTHER ACCESS BLOCKAGE. THE PERMITEE SHALL ALSO NOTIFY THE DISPATCHER OF ALL NEW, RELOCATED, OR ELIMINATED HYDRANTS RESULTING FROM THIS WORK.
- THE PERMITEE SHALL LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION
- THE PERMITEE SHALL CONTACT THE UNDERGROUND UTILITIES LOCATOR SERVICE (811) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- IT IS THE SOLE RESPONSIBILITY OF THE PERMITEE TO VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
- THE PERMITEE SHALL ADJUST ALL EXISTING MAINTENANCE HOLE RIMS, DRAINAGE STRUCTURE LIDS, VALVE BOXES, AND UTILITY ACCESS STRUCTURES TO FINISH GRADE WITHIN AREAS AFFECTED BY THE PROPOSED IMPROVEMENTS.
- THE PERMITEE SHALL FOLLOW SPU CORE TAP PROCEDURES FOR ALL NEW CONNECTIONS TO EXISTING SEWER OR DRAINAGE MAINS OR STRUCTURES. CONTRACTORS ARE NOT ALLOWED TO CORE INTO MAINS OR STRUCTURES WITHOUT PRIOR APPROVAL FROM SPU-DWW. TO SCHEDULE CORE CUT CONTACT SPU-DWW AT 206-615-0511 A MINIMUM OF 2 BUSINESS DAYS IN ADVANCE.
- ALL UTILITY SERVICE CONNECTIONS SHOWN ON THIS PLAN REQUIRE SEPARATE PERMITS.
- THE PERMITEE SHALL PROVIDE FOR ALL TESTING AS REQUIRED BY THE STREET USE INSPECTOR.
- INSPECTION AND ACCEPTANCE OF ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE DONE BY REPRESENTATIVES OF THE CITY OF SEATTLE. IT SHALL BE THE PERMITEE'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS ALLOWING FOR PROPER ADVANCE NOTICE. THE SEATTLE DEPARTMENT OF TRANSPORTATION STREET USE INSPECTOR MAY REQUIRE REMOVAL AND RECONSTRUCTION OF ANY ITEMS PLACED IN THE RIGHT OF WAY THAT DO NOT MEET CITY STANDARDS OR THAT WERE CONSTRUCTED WITHOUT APPROPRIATE INSPECTIONS.
- THE PERMITEE SHALL PROVIDE A PLAN FOR STORMWATER AND EROSION CONTROL AND INSTALL, MAINTAIN AND REMOVE TEMPORARY FACILITIES PER SECTION 8-01. AS CONSTRUCTION PROGRESSES AND CONDITIONS DICTATE, ADDITIONAL CONTROL FACILITIES MAY BE REQUIRED. DURING THE COURSE OF CONSTRUCTION IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY THE PERMITEE'S ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES THAT MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES.
- ALL DISTURBED SOILS MUST BE AMENDED PER STANDARD PLAN 142 AND SECTION 8-02 OF THE STANDARD SPECIFICATIONS UNLESS WITHIN ONE FOOT OF A CURB OR SIDEWALK, THREE FEET OF A UTILITY STRUCTURE (E.G. WATER METER, UTILITY POLE, HAND HOLE, ETC.), OR THE DRIPLINE OF AN EXISTING TREE.
- ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CITY OF SEATTLE TRAFFIC CONTROL MANUAL FOR IN-STREET WORK. AN APPROVED TRAFFIC CONTROL PLAN WILL BE REQUIRED FOR ALL ARTERIAL STREETS, HIGH IMPACT AREAS AND CONSTRUCTION HUBS PRIOR TO BEGINNING

- CONSTRUCTION.
- PERMITEE SHALL NOTIFY KING COUNTY METRO AT 206-477-1140 FOURTEEN DAYS IN ADVANCE OF ANY IMPACT TO TRANSIT OPERATIONS. CALL 206-477-1150 FOR ANY COORDINATION RELATED TO KING COUNTY METRO TROLLEY (INCLUDING SLU AND FIRST HILL STREET CAR). CONTACT KING COUNTY METRO TWO MONTHS PRIOR FOR ANY TROLLEY DE-ENERGIZING REQUESTS.
 - COORDINATE PARKING/LOADING SIGN(S) AND PAY STATION REMOVAL / RELOCATION AND INSTALLATION WITH SEATTLE DEPARTMENT OF TRANSPORTATION CURB SPACE MANAGEMENT AT 206-684-5370 WITH AT LEAST 10 BUSINESS DAYS' NOTICE. SIGNPOSTS ARE TO BE INSTALLED IN ACCORDANCE WITH STANDARD PLANS 616, 620, 621A, 621B, 625, & 626.
 - ALL STREET NAME SIGNS MUST BE INSTALLED BY SEATTLE DEPARTMENT OF TRANSPORTATION AT THE PERMITEE'S EXPENSE.
 - ALL WORK PERFORMED BY SEATTLE CITY LIGHT, SEATTLE PUBLIC UTILITIES, AND OTHER UTILITIES TO INSTALL, REPAIR, REMOVE OR RELOCATE UTILITIES SHALL BE DONE AT THE PERMITEE'S EXPENSE.
 - PERMITEE MUST CONTACT THE SEATTLE DEPARTMENT OF PARKS AND RECREATION TO APPLY FOR A SEPARATE PERMIT IF WORKING WITHIN A DESIGNATED PARK BOULEVARD.
 - CARE SHALL BE EXERCISED WHEN EXCAVATING OR REMOVING PAVEMENT NEAR EXISTING CHARGED WATER MAINS. CAST IRON WATER MAINS ARE KNOWN TO BE SENSITIVE TO EXCESSIVE VIBRATION. COORDINATE PROTECTION METHODS WITH SPU.
 - PROJECT IS LOCATED WITHIN THE BOUNDARY OF DOWNTOWN AND PIONEER SQUARE CONSTRUCTION HUB. CONTRACTORS PLANNING TO WORK IN THESE AREAS MUST SCHEDULE THEIR RIGHT-OF-WAY IMPACTS AND CONSTRUCTION WITH CONSTRUCTION HUB COORDINATORS. FINAL CONSTRUCTION SCHEDULE AND DURATIONS SHALL BE DETERMINED PRIOR TO PRECONSTRUCTION MEETING. WORK WILL HAVE AN APPROVED CONSTRUCTION SCHEDULE THROUGH THE PERMIT REVIEW PROCESS BY THE HUB COORDINATOR. COORDINATION OF WORK IN A DESIGNATED HUB AREA: LOCATIONS, DATES, AND TIMES OF WORK IN THE RIGHT-OF-WAY SHALL BE APPROVED BY THE HUB COORDINATOR THROUGH THE PERMIT REVIEW PROCESS. SCHEDULE AND TIME CHANGES AFTER THE INITIAL OR AMENDMENT ISSUANCE OF A UTILITY PERMIT SHALL BE APPROVED BY THE HUB COORDINATOR AT LEAST 10 BUSINESS DAYS PRIOR TO PERFORMING WORK. SCHEDULE AND TIME CHANGE REQUESTS CAN BE EMAILED TO SDOTCONSTRUCTIONHUB@SEATTLE.GOV. ATTENDANCE AT GEO-BASED HUB COORDINATION MEETINGS IS STRONGLY ENCOURAGED TO ENSURE DESIRED DATES ARE COORDINATED AND SCHEDULED TO MINIMIZE DELAYS IN THE PERMIT REVIEW AND HUB COORDINATION PROCESSES. FOR MEETING INFORMATION AND INVITATIONS, EMAIL SDOTCONSTRUCTIONHUB@SEATTLE.GOV. THE CONSTRUCTION HUB MAP CAN BE FOUND AT THIS LINK: [HTTPS://WWW.SEATTLE.GOV/TRANSPORTATION/PROJECTS-AND-PROGRAMS/PROGRAMS/PROJECT-AND-CONSTRUCTION- COORDINATION-OFFICE/CONSTRUCTION-HUB-COORDINATION](https://www.seattle.gov/transportation/projects-and-programs/programs/project-and-construction-coordination-office/construction-hub-coordination)

SPU UTILITY PROTECTION NOTES

- CARE SHALL BE EXERCISED WHEN EXCAVATING NEAR EXISTING CHARGED WATER MAINS.
- CONTRACTOR SHALL NOT REPAIR DAMAGE TO CHARGED WATER MAINS OR SERVICES, BUT SHALL IMMEDIATELY NOTIFY THE SPU EMERGENCY DISPATCHER AT 206-386-1800.
- PROTECT IN PLACE ALL WATER, SEWER AND DRAINAGE FACILITIES.
- SPU WILL OBSERVE EXCAVATION TO ITS UTILITIES. CONTACT SPU ENGINEER BILL DUUYUNGAN AT 206-423-3757 AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION.
- FILED TO VERIFY DEPTH AND LOCATION OF EXISTING WATER AND SIDE SEWER FACILITIES AND SERVICES PRIOR TO INSTALLATION OF NEW UTILITY. MAINTAIN A 12" MINIMUM VERTICAL CLEARANCE WHEN CROSSING EXISTING FACILITIES AND SERVICES.
- CONTRACTOR SHALL USE HDPE FOAM BETWEEN UTILITIES PER COS STANDARD SPECIFICATION 9-05.10 WHEN THE MINIMUM VERTICAL CLEARANCE CANNOT BE OBTAINED.
- UNLESS OTHERWISE APPROVED BY SPU, CONTRACTOR SHALL MAINTAIN A 5" MINIMUM HORIZONTAL CLEARANCE FROM OUTSIDE WALL OF ALL SPU FACILITIES TO OUTSIDE WALL OF THE PROPOSED UTILITY.
- ANY STORM/SEWER PIPES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH DUCTILE IRON PIPE TO SAME NOMINAL PIPE DIAMETER TO MATCH EXISTING LINE AND GRADE. MISSION ARC STAINLESS SHIELDED COUPLINGS OR APPROVED EQUAL SHALL BE USED. IN REGARDS TO CROSSING CONFLICTS, THE PROPOSED UTILITY MUST GO AROUND GRAVITY PIPES.
- IF AN EXISTING WATER VALVE BOX REQUIRES ADJUSTMENT, IT SHALL BE DONE BY EXCAVATING THE CASTING AND VERTICALLY ADJUSTING THE TOP SECTION OF THE VALVE BOX. THE CONTRACTOR WILL SET THE TOP OF THE LID ON THE PROPOSED PAVEMENT GRADE. THE FLANGE SHALL BE SUPPORTED ON THE BACKFILL MATERIAL AND CAST INTO THE CONCRETE/SSPALT PAVEMENT AS SHOWN ON STD PLAN 315A. DO NOT USE EXTENSION RINGS.
- CONTRACTOR SHALL ADJUST CASTINGS IN ACCORDANCE WITH STANDARD SPECIFICATION, SECTION 7-20. CASTINGS, SUCH AS DRAINAGE INLETS, MAINTENANCE HOLES, VALVE CHAMBERS, AND METER BOXES SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO CONSTRUCTION OF THE FINAL SURFACE COURSE (SEE STANDARD SPECIFICATIONS, SECTION 5-04.3 (9)B). ANY CASTING OR LID THAT IS WORN OR BROKEN SHALL BE REPLACED PRIOR TO INSTALLATION OF THE FINAL SURFACE.
- IF THE EXISTING TYPE 165 INLET IS WITHIN THE PAVEMENT REMOVAL AREA, REPLACE THE INLET WITH TYPE 250A OR B AND INSTALL 8-INCH DIP, CL 50 MINIMUM, FROM THE INLET TO THE CB. BENDS ARE NOT ALLOWED.
- WHERE THE NEW UTILITY IS CLOSE TO AN EXISTING STRUCTURE (CB, MH OR INLET), MAINTAIN A MIN OF 1' CLEARANCE FROM OUTSIDE WALL OF THE STRUCTURE TO THE OUTSIDE OF THE UTILITY
- THE CONTRACTOR SHALL ATTEMPT TO MAINTAIN 10 SEPARATION FROM THE EDGE OF EXCAVATION TO EXISTING WATER THRUST BLOCKS. IF THIS MIN SEPARATION CANNOT BE ACHIEVED, CONTACT SPU PRIOR TO CONSTRUCTION.
- POTHOLE EXISTING UTILITY CROSSING WHEN BORING NEW UTILITY USING VACUUM EXCAVATION TO VERIFY DEPTH PRIOR TO INSTALLATION OF UTILITY (TYP).
- SPU WILL OBSERVE WATER MAIN CROSSINGS TO ENSURE CLEARANCE IS PROVIDED AND NO DAMAGE HAS OCCURRED. CONTACT BILL DUUYUNGAN AT 206-423-3757 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- WHEN EXPOSING WATER MAIN WITH LEAD JOINTS, SPU SHOULD BE NOTIFIED TO INSPECT FOR DAMAGE OR LEAKS. LEAD JOINT WATER MAINS SHOULD HAVE A SUPPORT PLAN WHEN EXPOSING.
- CARE SHOULD BE TAKEN NOT TO DAMAGE ANY EXISTING WATER SERVICES THAT MAY BE EXPOSED WHILE TRENCHING.
- THE PERMITEE/CONTRACTOR SHALL NOTIFY THE SEATTLE FIRE DEPARTMENT DISPATCHER (206-386-1495) AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL WATER SERVICE INTERRUPTION, HYDRANT SHUTOFFS, AND STREET CLOSURES OR OTHER ACCESS BLOCKAGE. THE PERMITEE/CONTRACTOR SHALL ALSO NOTIFY THE DISPATCHER OF ALL NEW, RELOCATED, OR ELIMINATED HYDRANTS RESULTING FROM THIS WORK.

GENERAL STREET LIGHTING NOTES (MAY 2019)

- ALL DISCONNECTIONS: TEMPORARY OR FINAL SERVICE CONNECTIONS WILL BE MADE BY SEATTLE CITY LIGHT (SCL) AT PROJECT'S EXPENSE. COORDINATE ALL ENERGIZING AND DE-ENERGIZING OF STREET LIGHTING SERVICE WITH SCL ELECTRICAL SERVICE REPRESENTATIVE AND STREETLIGHT ENGINEER FIFTEEN (15) WORKING DAYS IN ADVANCE. ADDITIONAL TIME MAY BE NEEDED FOR CREW SCHEDULING AND MOBILIZATION.
- CONTRACTOR MUST MAKE PRIOR COORDINATION FOR FLOOD OR STREETLIGHT REMOVAL. CONTRACTOR MUST MAKE PRIOR DELIVERY COORDINATION FOR SALVAGED STREETLIGHT-RELATED MATERIALS TO SEATTLE CITY LIGHT SALVAGE YARD AT 4TH AVE S & S SPOKANE ST, 98134. CONTACT SALVAGE COORDINATOR AT 206-386-1765. NO ARTERIAL STREETLIGHT MAY BE DISABLED WITHOUT PRIOR APPROVAL FROM SEATTLE DEPARTMENT OF TRANSPORTATION, (SDOT).
- EXISTING STREET LIGHTING SYSTEM SHALL BE MAINTAINED DURING CONSTRUCTION.
- WORK MUST BE SCHEDULED SUCH THAT NO TWO (2) ADJACENT OR OPPOSITE STREETLIGHTS ARE DISABLED AT ANY ONE TIME.
- ANY EXCAVATION IN PROXIMITY TO AN EXISTING STREETLIGHT POLE MUST BE DONE WITHOUT UNDERMINING ITS STABILITY. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY STABILIZING SUPPORT.
- INSTALLATION OF UNDERGROUND STREETLIGHT SYSTEMS, AND STREETLIGHT SYSTEM GROUNDING AND BONDING MUST BE PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1714.50.
- ALL WIRING, INCLUDING STREET LIGHTING, PEDESTRIAN LIGHTING AND FESTOON LIGHTING CIRCUITS MUST BE CLEARLY LABELED PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1714.10.
- EACH LUMINAIRE MUST BE FUSED PER (SCL) CONSTRUCTION STANDARD 1730.00.
- STREETLIGHT HANDHOLE AND CONDUIT REQUIREMENTS MUST CONFORM TO SCL CONSTRUCTION STANDARD 1716.07.
- PULL TAPE MUST BE INSTALLED THROUGH VACANT CONDUIT CAPPED PER (SCL) CONSTRUCTION STANDARD U2-11.40/NDK-40.
- MAINTAIN MINIMUM HORIZONTAL & VERTICAL CLEARANCES BETWEEN SCL UNDERGROUND STRUCTURES AND VARIOUS OTHER UTILITY STRUCTURES PER SCL CONSTRUCTION STANDARD 0214.00.
- FOR STREET LIGHTING INSPECTIONS CONTACT SCL ELECTRICAL REVIEWER TEN (10) WORKING DAYS IN ADVANCE.
- CONTRACTOR MUST CALL FOR AN ELECTRICAL REVIEWER INSPECTION OF THE STREET LIGHTING SYSTEM AT VARIOUS STAGES OF INSTALLATION/CONSTRUCTION OR AS INSTRUCTED BY THE SCL INSPECTOR.
- CONTRACTOR MUST PROVIDE AN OPERATOR AND MAN LIFT TRUCK FOR USE DURING INSPECTION OF INSTALLED STREETLIGHT FACILITIES.
- CONTRACTOR MUST ASSIST THE INSPECTOR DURING INSPECTIONS, COMMISSIONING, AND FINAL CONNECTION PHASES OF THE PROJECT AS INSTRUCTED BY THE INSPECTOR. SUCH ASSISTANCE WILL INCLUDE, BUT NOT BE LIMITED TO OPENING HANDHOLES, MANHOLES AND VARIOUS ACCESS COVERS, DISCONNECTING AND RECONNECTING FUSE HOLDERS AND MECHANICAL SPLICE CONNECTIONS, VERIFYING CONDUIT RUNS, ETC.
- PRIOR TO REQUESTING FINAL STREETLIGHT SERVICE CONNECTION, CONTRACTOR MUST CORRECT ALL PUNCH LIST ITEMS AND CALL FOR A RE-INSPECTION WHERE REQUIRED BY THE INSPECTOR. CONTRACTOR MUST PREPARE A SIGNED AS-BUILT AND WIRING DIAGRAM WHICH INCLUDES WHICH DUCT IS USED IN EACH DUCT BANK.

GENERAL KING COUNTY METRO NOTES (EFFECTIVE 12/11/19)

- ANY CONSTRUCTION OR INSTALLATION ACTIVITIES AFFECTING TRANSIT OPERATIONS OR FACILITIES MUST BE COORDINATED THROUGH METRO TRANSIT CONSTRUCTION INFORMATION CENTER. FOR NOTIFICATION INFORMATION AND GUIDELINES, PLEASE VISIT: [HTTP://WWW.KINGCOUNTY.GOV/TRANSPORTATION/KCDOIT/METROTRANSIT/ CONSTRUCTION.ASPX](http://www.kingcounty.gov/transportation/kcdoit/metrotransit/construction.aspx) OR CONTACT CONSTRUCTION COORDINATORS AT 206-477-1140. PLEASE PROVIDE FIVE BUSINESS DAYS NOTIFICATION FOR BUS REROUTES AND THREE BUSINESS DAYS NOTIFICATION FOR BUS STOP IMPACTS
- TO SCHEDULE SHELTER REMOVAL, PLEASE CONTACT PLANSREVIEW@KINGCOUNTY.GOV. PLEASE NOTE THAT METRO REQUIRES 3 WEEKS PRIOR NOTIFICATION FOR REMOVAL.
- PLEASE SEE THE FOLLOWING URL FOR STANDARD CONSTRUCTION DETAILS: [HTTP://WWW.KINGCOUNTY.GOV/DEPTS/TRANSPORTATION/METRO/DESIGN- CONSTRUCTION-STANDARDS/PASSENGERFACILITIES/CONSTRUCTION.ASPX](http://www.kingcounty.gov/depts/transportation/metro/design-construction-standards/passeengerfacilities/construction.aspx)
- ALL METRO FOOTINGS MUST BE INSPECTED BY METRO INSPECTORS BEFORE ANY CONCRETE IS POURED. PLEASE CONTACT METRO INSPECTORS DIRECTLY AT 206-263-2381 OR 206-507-6550 OR VIA EMAIL AT TBIR@KINGCOUNTY.GOV. PLEASE NOTE THAT METRO REQUIRES NOTICE OF 3 WORKING DAYS TO SCHEDULE INSPECTION.
- AFTER FOOTING INSPECTION AND COMPLETED CONSTRUCTION, PLEASE CONTACT PLANSREVIEW@KINGCOUNTY.GOV TO SCHEDULE SHELTER FRAME INSTALLATION AND BUS STOP FLAGPOST INSTALLATION.
- FOR ENGINEERING DESIGN QUESTIONS, PLEASE CONTACT KALE CHAN YUEN AT 206-263-0885 OR COLIN ASQUITH AT 206-477-5984 FOR ASSISTANCE.

GENERAL SIGNAL NOTES (EFFECTIVE 12/11/19)

- CONTRACTOR SHALL MAINTAIN EXISTING SIGNAL OPERATION DURING CONSTRUCTION AND PROVIDE TEMPORARY SIGNAL MODIFICATIONS WHEN NEEDED APPROVED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL WORK NECESSARY TO ADJUST, RELOCATE, REPAIR OR CONSTRUCT ANY PART OF THE SIGNAL UTILITY SHALL BE AT THE CONTRACTOR'S EXPENSE. THIS WORK IS TO BE PERFORMED BY A QUALIFIED SIGNAL CONTRACTOR OR SDOT CREWS.
- ANY CONFLICTS WITH THE SIGNAL SYSTEM AND CONSTRUCTION SEQUENCE MUST BE COORDINATED WITH THE SIGNAL OPERATIONS OFFICE AS SOON AS KNOWN. CONTACT MIKE BOONSRIPIPAL AT 206-684-3107. A MINIMUM FIVE WORKING-DAY NOTICE IS REQUIRED FOR ANY WORK REQUESTED OF TRAFFIC SIGNAL ELECTRICIAN CREWS. SDOT CREWS WILL NOT BE SCHEDULED UNTIL AN ACCOUNT HAS BEEN SET UP FOR THE SPECIFIC PROJECT WITH A DEPOSIT TO COVER ALL COSTS TO RESOLVE THE CONFLICT AND A RESPONSIBLE PARTY HAS SIGNED THE SDOT-SIGNAL PRIVATE CONTRACTOR BILLING AGREEMENT. ANY WORK PERFORMED BY SDOT CREWS EXCEEDING THE DEPOSIT AMOUNT WILL BE INVOICED AND BILLED TO THE CONTRACTOR. ANY UNUSED MONEY WILL BE REFUNDED AT THE CONCLUSION OF THE PROJECT.
- ANY SIGNAL ITEMS, INCLUDING BUT NOT LIMITED TO SIGNAL HEADS, POLE FOUNDATIONS, PEDESTALS, DETECTOR LOOPS, CONDUITS, HANDHOLES, AND ASSOCIATED SPAN WIRES AND CABLES THAT ARE DAMAGED OR DESTROYED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- ANY SIGNAL ITEMS WHICH ARE DISTURBED AS A RESULT OF GRADE CHANGE ARE REQUIRED TO BE REGRADED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

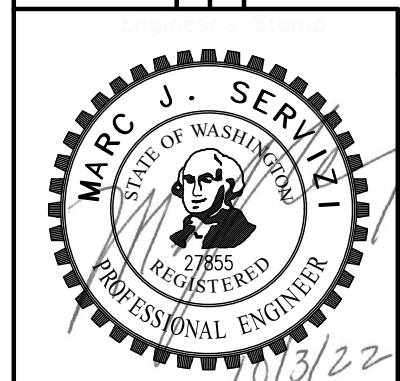
- ACCESS TO CONTROLLER CABINETS AND ASSOCIATED SIGNAL EQUIPMENT MUST BE AVAILABLE AT ALL TIMES. SPACE MUST BE PROVIDED FOR DOOR SWING. ANY FENCES, EQUIPMENT AND MATERIAL STORAGE SHALL NOT BLOCK ACCESS TO SIGNAL EQUIPMENT. ANY COSTS AND/OR TIME LOSS INCURRED BY SDOT CREWS IN GAINING ACCESS TO BLOCKED SIGNAL EQUIPMENT WILL BE AT THE CONTRACTOR'S EXPENSE.
- ANY WORK THAT WILL DAMAGE OR DESTROY TRAFFIC LOOP DETECTORS MUST NOTIFY SIGNAL OPERATIONS OFFICE AT EARLIEST TIME NO LESS THAN TWO WEEKS PRIOR TO SCHEDULED WORK. SIGNAL OPERATIONS OFFICE WILL PREPARE AN ESTIMATE TO COVER THE COST ASSOCIATED WITH TEMPORARY DETECTION AND TIMING, DIS-CONNECTION, DETECTOR TESTING, RE-CONNECTION AND RESTORATION OF PERMANENT TIMING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE THE DETECTOR LOOPS WITHIN TWO (2) WEEKS OF DESTRUCTION OR PROVIDE TEMPORARY DETECTION DURING THE INTERIM. FULLY RESTORED PAVEMENT MUST BE IN PLACE BEFORE THE LOOPS CAN BE RESTORED. A DEPOSIT FOR THE FULL ESTIMATE PREPARED BY THE SIGNAL OPERATIONS OFFICE AND A SIGNED SDOT-SIGNAL PRIVATE CONTRACTOR BILLING AGREEMENT BILLING IS REQUIRED PRIOR TO SCHEDULED WORK. DISCONNECT AND TEMPORARY TIMING WILL BE SCHEDULED NO LESS THAN FIVE (5) WORKING DAYS AFTER RECEIPT OF THE DEPOSIT. SIGNAL OPERATIONS PERSONNEL WILL WORK ON A TIME AND MATERIAL BASIS. ANY UNUSED MONEY WILL BE REFUNDED AT THE CONCLUSION OF THE PROJECT.
- THE CONTRACTOR SHALL INVESTIGATE FOR UNDERGROUND UTILITIES PRIOR TO ANY POLE FOUNDATION EXCAVATION OR CONDUIT TRENCHING TO AVOID DAMAGE TO ANY UNDERGROUND UTILITIES (INCLUDING SIDE SEWERS).
- THE CONTRACTOR SHALL VERIFY THE CAPACITIES OF ALL EXISTING CONDUITS OR DUCT RUNS DESIGNATED FOR USE ON THIS PROJECT. ANY DISCREPANCIES WITH THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO ANY CONSTRUCTION WORK.
- EXISTING SIGNS WHICH ARE REMOVED (STREET NAME SIGNS, SIGNAL SIGNS, ETC.) FROM AN EXISTING POLE SHALL BE REINSTALLED PER PLAN OR ADJUSTED IN THE FIELD WITH THE ENGINEER'S APPROVAL.
- IF A CONTROLLER CABINET, HANDHOLE, CONDUIT, POLE, OR PEDESTAL IS TO BE RELOCATED IN SUCH A WAY AS TO LENGTHEN THE TRAFFIC CABLE RUNS, NEW WIRING OF THE AFFECTED LINES MAY BE REQUIRED. SPLICES WILL NOT BE ALLOWED IN ANY ITS EQUIPMENT CABLES, SIGNAL INTERCONNECT, PREEMPT, TRUNK, OR VIDEO DETECTION LINES, NOR IN PEDESTRIAN PUSHBUTTON WIRING.
- ANY EXCAVATION IN PROXIMITY TO AN EXISTING POLE OR DOWN GUY MUST BE DONE WITHOUT UNDERMINING THEIR STABILITY. INSPECTION IS REQUIRED PRIOR TO ANY EXCAVATION.
- ALL POLE INSTALLATIONS SHALL BE INSPECTED AT SEVERAL STAGES; INCLUDING BUT NOT LIMITED TO FOUNDATION EXCAVATION, BOLT, REBAR AND CONDUIT INSTALLATIONS, POLE SET FOR PROPER RAKE, LUMINAIRE INSTALLATIONS, WIRING, GROUNDING AND BONDING.
- SIGNAL CONDUITS THAT ENTER THE CONSTRUCTION SITE, SUCH AS THOSE CROSSING THE STREET OR INTERCONNECT TO OTHER SIGNALIZED INTERSECTIONS, MUST BE RECONNECTED. THE RECONNECTIONS MUST BE INSPECTED AND APPROVED IN WRITING BY THE SDOT INSPECTOR BEFORE THE BACKFILL AND PAVING WORK MAY BE SCHEDULED.
- PRIOR TO CURB INSTALLATION, SIDEWALK INSTALLATION, STREET PAVING, OR TREE INSTALLATION ALL CONDUITS, EXISTING AND NEWLY INSTALLED, MUST BE INSPECTED FOR CONTINUITY. PULL STRINGS SHALL BE PRESENT IN ALL NEW CONDUITS. EXISTING CONDUIT MUST BE ACCOUNTED FOR, BE CLEAR OF DEBRIS, EXTEND ABOVE THE BOTTOM OR TERMINATE IN THE SIDE OF THE HANDHOLE, AND HAVE MOVEMENT IN THE CABLES OR HAVE A PULL STRING AVAILABLE TO SHOW MOVEMENT. ALL CONDUITS THAT ARE ABANDONED SHALL BE LABELED SUCH IN EACH ACCESS THEY PASS THROUGH.
- TO ORDER INSPECTIONS CALL THE SIGNAL INSPECTION SUPERVISOR, RAYMOND HILL AT 206-391-3714. THREE WORKING DAYS NOTICE IS REQUIRED.
- TO MEET THE REQUIREMENTS OF THE PAVEMENT RESTORATION RULES; IF SIDEWALKS ARE REMOVED AS A PART OF THE STREET IMPROVEMENT, A CONSTRUCTION WINDOW OF NO LESS THAN 5 DAYS SHALL BE PROVIDED FOR SDOT SIGNAL CREWS TO INSTALL ANY INFRASTRUCTURE NOT INCLUDED IN THE PLANS BEFORE THE SIDEWALK IS RESTORED. THIS WINDOW SHALL BE COORDINATED BETWEEN SDOT CREW CHIEF AND CONTRACTOR TO PROVIDE A WINDOW SCHEDULED NOT LESS THAN 5 WORKING DAYS PRIOR TO THE WINDOW.
- LANDINGS ARE TO REMAIN CLEAR AND PEDESTRIAN PUSH BUTTONS MUST REMAIN EASILY ACCESSIBLE TO THE PUBLIC AT ALL TIMES.
- ALL MATERIALS USED SHALL GO THROUGH THE SUBMITTAL PROCESS OUTLINED IN THE STANDARD SPECIFICATIONS. IF A PHYSICAL SAMPLE IS TO BE SUBMITTED, THE SAMPLE WILL BE DELIVERED TO THE SIGNAL SHOP. CLEARLY LABEL YOUR SAMPLE WITH THE PROJECT NAME AND THE COMPANY AND CONTACT PHONE NUMBER. CALL CREW CHIEF AT (206) 386-1517 THE DAY BEFORE TO ARRANGE DELIVERY.
- IF PLAN REQUIRES NEW STEEL STRAIN POLES TO BE INSTALLED, PLEASE NOTE; SIGNAL POLES CAN TAKE 4 TO 6 MONTHS OF LEAD TIME TO ACQUIRE. PLEASE ORDER YOUR POLES AT THE EARLIEST POSSIBLE DATE. SHOP DRAWINGS AND DETAILS SHALL BE REVIEWED BY THE SIGNAL DESIGN ENGINEER.
- ONLY ELECTRICAL CONTRACTORS WITH TRAFFIC SIGNAL CONSTRUCTION EXPERIENCE ARE ALLOWED TO WORK ON TRAFFIC SIGNAL ITEMS. INTERCONNECT TERMINATION AND POWERING UP AND DOWN OF SIGNALS IS EXCLUSIVELY HANDLED BY SDOT SIGNAL ELECTRICIANS. ALL OTHER SIGNAL RELATED WORK PERFORMED SHALL BE DONE BY A QUALIFIED SIGNAL CONTRACTOR AND INSPECTED UPON COMPLETION.
- EXISTING SIGNAL SHALL REMAIN OPERATIONAL UNTIL TIME TO CUT OVER TO NEW INSTALLATION. CONTRACTOR IS REQUIRED TO PROVIDE TRAFFIC CONTROL AND ONE OR MORE UNIFORMED POLICE OFFICERS DURING THE PERIOD THE SIGNAL IS DARK. SIGNAL CUT OVER SHALL NOT BE SCHEDULED UNTIL THE INSPECTOR HAS SIGNED OFF ON THE CHECKOUT LIST. CUT OVER SHALL BE SCHEDULED WITH SIGNAL OPERATIONS OFFICE AT LEAST 5 WORKING DAYS IN ADVANCE.

GENERAL PUGET SOUND ENERGY NOTES (MARCH 2019)

- CONTACT MAPREQUEST@PSE.COM FOR UPDATED GAS MAPS OF AREA.
- MAINTAIN A MINIMUM 1' VERTICAL SEPARATION WHEN CROSSING GAS MAINS OR SERVICES.
- MAINTAIN A MINIMUM 3' HORIZONTAL SEPARATION WHEN RUNNING PARALLEL TO GAS MAINS OR SERVICES.
- IF HP IS ENCOUNTERED, PLEASE CONTACT PSE PI INSPECTOR BEFORE WORKING NEAR HP GAS MAINS: GLENN HUDEN, 206-396-4159, GLENN.HUDEN@PSE.COM
- COORDINATE WITH PSE CUSTOMER CONSTRUCTION SERVICES AT 1-888-321-7779 AND A PSE PROJECT MANAGER FOR RELOCATION OF GAS MAINS AND SERVICES AS NEEDED.
- LOCATE AND PROTECT ALL GAS FACILITIES IN THE FIELD.

METROPOLE BUILDING DPD PROJECT # 6508387-CN

DATE	MARK	NATURE	REVISIONS
		MADE	CHKD REV'D



LPD
engineering pllc
1932 First Ave
Suite 201
Seattle, WA 98101
p. 206.725.1211
f. 206.973.5344
www.lpdengineering.com

APPROVED FOR SDOT PERMITTING

ENGINEER/LA/SURVEYOR	SDOT PROJECT MANAGER
SPU/WATER ENGINEERING	SDOT SUPERVISOR
SPU/DRAINAGE	REVISED AS-BUILT

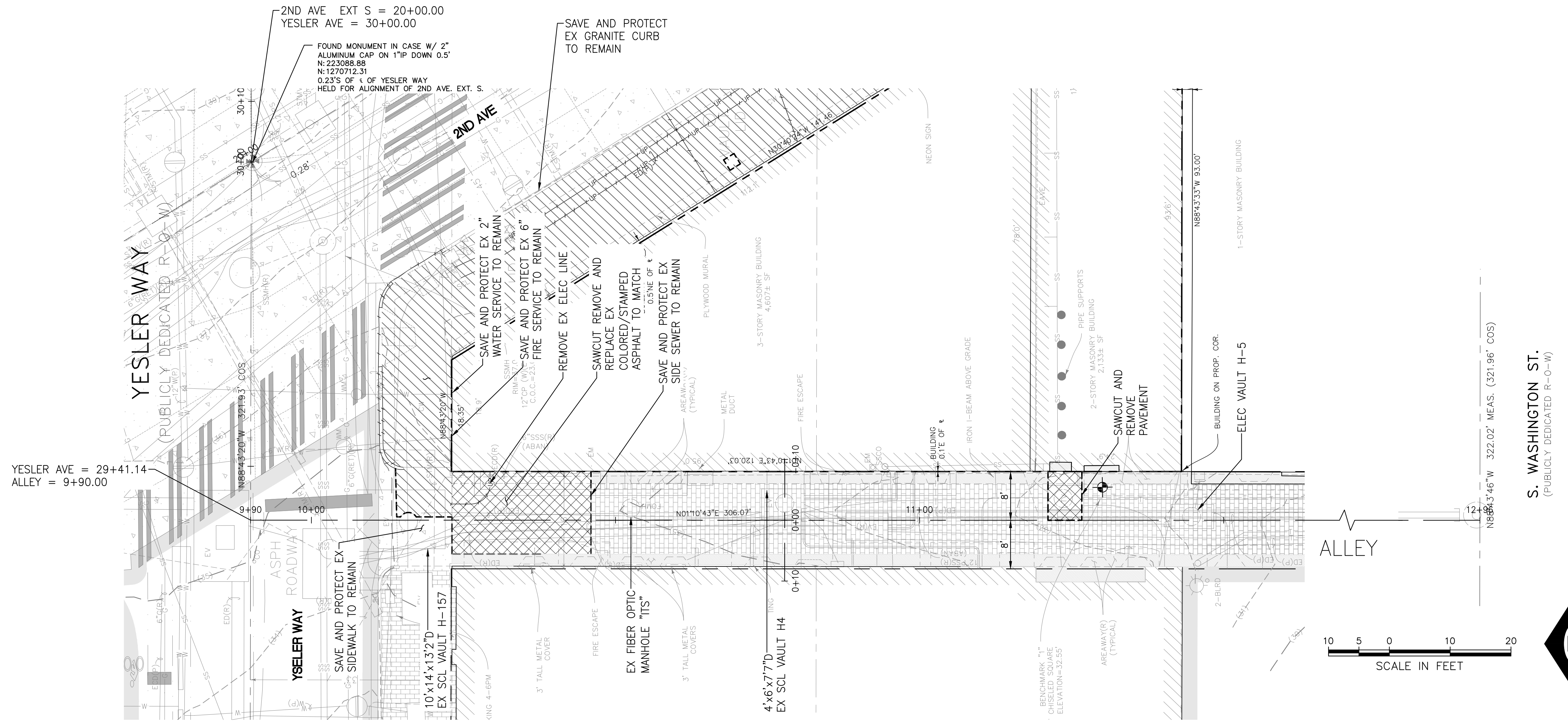
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS IN EFFECT ON THE DATE SHOWN ABOVE, AND SUPPLEMENTED BY SPECIAL PROVISIONS.



423 2ND AVE S EXT
NOTES

SDOT PROJECT NO. 421941
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 2 OF 17

Street Improvement Plan



NOTES

- (1) ALLEY PAVING MATCH EX GRADES. PAVING SPEC PROVIDED BY PSPB, DATED 9/25/2021

INSTALL CATCH BASIN INSERTS ON ALL DRAINAGE STRUCTURES UP TO 300 FEET DOWNSTREAM FROM PROJECT SITE

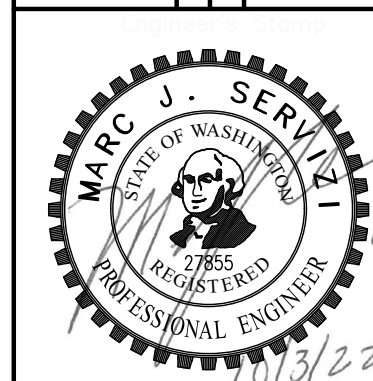
CALL 48 HOURS BEFORE YOU DIG
811 OR 1-800-424-5555

DATE	MARK	NATURE	REVISIONS

MADE CHK'D REV'D

TO BE PROVIDED BY PSPB

COLORED/STAMPED ASPHALT PAVING DETAIL



LPD engineering pllc
1932 First Ave
Suite 201
Seattle, WA 98101
p. 206.725.1211
f. 206.973.5344
www.lpdengineering.com

APPROVED FOR SDOT PERMITTING	
ENGINEER/LA/SURVEYOR	SDOT PROJECT MANAGER
SPU/WATER ENGINEERING	SDOT SUPERVISOR
SPU/DRAINAGE	REVISED AS-BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS IN EFFECT ON THE DATE SHOWN ABOVE, AND SUPPLEMENTED BY SPECIAL PROVISIONS.	

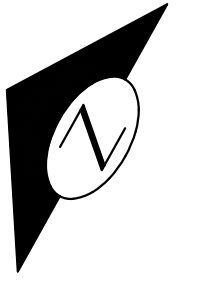


METROPOLE BUILDING DPD PROJECT # 6508387-CN

423 2ND AVE S EXT
ALLEY TESC AND
DEMOLITION

SDOT PROJECT NO. 421941
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 3 OF 17

Street Improvement Plan



KEY NOTES

- ① ADJUST UTILITY LID TO GRADE.
- ② UTILITY IS ABOVE AREA-WAY WALL AND SHALL BE PROTECTED AND OPERATIONAL DURING CONSTRUCTION.
- ③ CAP AND ABANDON GAS PER PSE STANDARDS. REMOVE GAS ON BUILDING SIDE OF AREA-WAY WALL.
- ④ STREET LIGHT TO REMAIN DURING AREA-WAY CONSTRUCTION, CONTRACTOR TO BRACE IN PLACE OR REMOVE AND PROVIDE TEMP LIGHTING AND SIGNAL CONTROLS.
- ⑤ REMOVE EXISTING UTILITY OR STRUCTURE

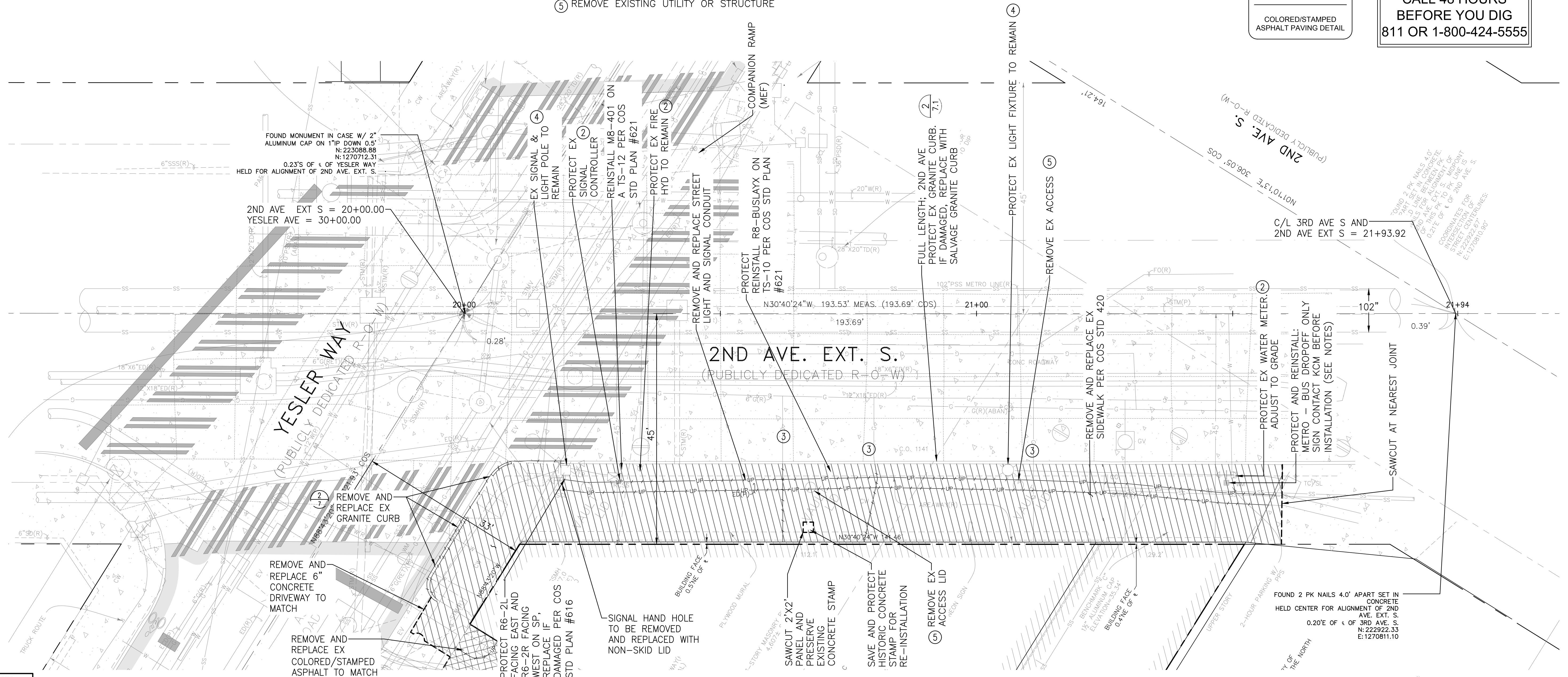


INSTALL CATCH BASIN INSERTS ON ALL DRAINAGE STRUCTURES UP TO 300 FEET DOWNSTREAM FROM PROJECT SITE

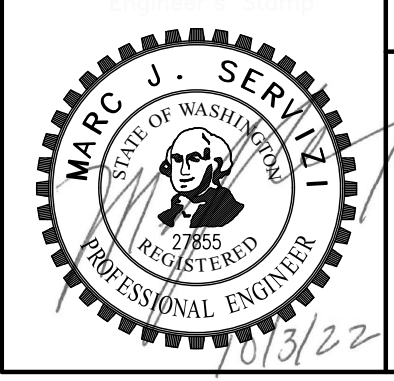
CALL 48 HOURS BEFORE YOU DIG
811 OR 1-800-424-5555

TO BE PROVIDED BY PSPB

COLORED/STAMPED ASPHALT PAVING DETAIL



DATE	MARK	NATURE	REVISIONS
		MADE	CHK'D REV'D



LPD engineering pllc
 1932 First Ave
 Suite 201
 Seattle, WA 98101
 p. 206.725.1211
 f. 206.973.5344
 www.lpdengineering.com

APPROVED FOR SDOT PERMITTING	
ENGINEER/LA/SURVEYOR	SDOT PROJECT MANAGER
SPU/WATER ENGINEERING	SDOT SUPERVISOR
SPU/DRAINAGE	REVISED AS-BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS IN EFFECT ON THE DATE SHOWN ABOVE, AND SUPPLEMENTED BY SPECIAL PROVISIONS.

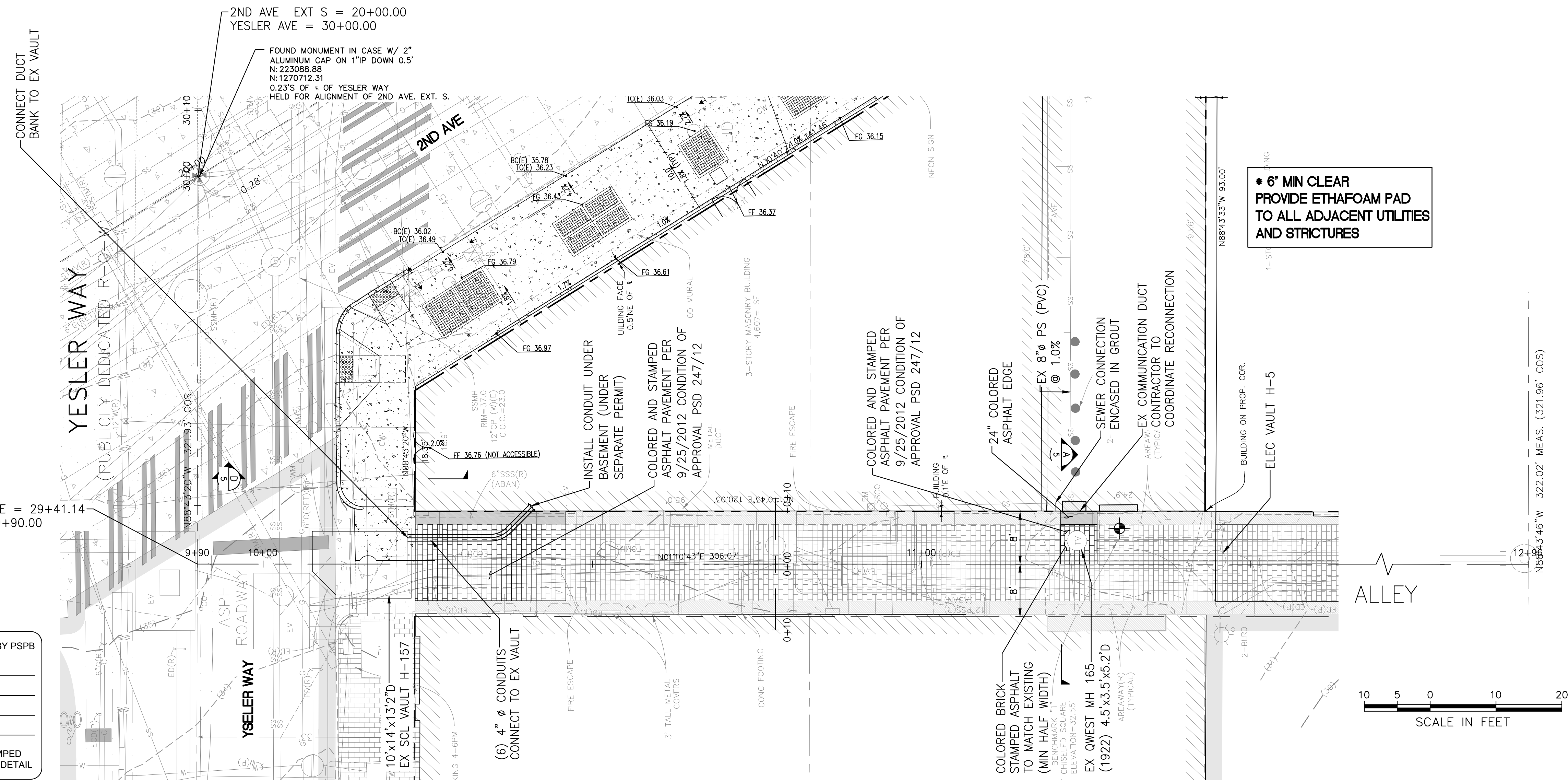


423 2ND AVE S EXT
 YESLER WAY AND 2ND AVE EXT S
 TESC AND DEMOLITION

SDOT PROJECT NO. 421941
 VAULT PLAN NO.
 VAULT SERIAL NO.
 SHEET 4 OF 17

METROPOLE BUILDING DPD PROJECT # 6508387-CN

Street Improvement Plan

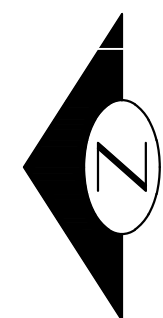
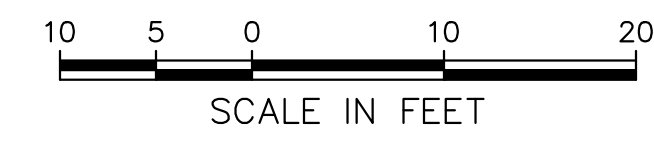


*** 6" MIN CLEAR
PROVIDE ETHAFOAM PAD
TO ALL ADJACENT UTILITIES
AND STRUCTURES**

- NOTES**
- (1) SCL CLEARANCES PER CONSTRUCTION STD 0214.00
 - (2) ALLEY PAVING MATCH EX GRADES. PAVING SPEC PROVIDED BY PSPB, DATED 9/25/2021
 - (3) SCL HAS DUCT BANKS WITH ENERGIZED PRIMARY (13,000 VOLT) CABLES WITHIN THE PROJECT BOUNDARY. CONTRACTOR NEEDS TO EXERCISE CARE IN EXCAVATING. CONTRACTOR MUST CONTACT SEATTLE CITY LIGHT TO ARRANGE A SAFETY STANDBY WHEN WORKING WITHIN 5 FEET OF SCL'S ELECTRICAL FACILITIES.
 - (4) PLEASE NOTIFY SCL'S PAJE CHASE AT 206-730-1076 (PAJE.CHASE@SEATTLE.GOV) FOUR WEEKS PRIOR TO THE START OF THIS PROJECT.

INSTALL CATCH BASIN INSERTS ON ALL DRAINAGE STRUCTURES UP TO 300 FEET DOWNSTREAM FROM PROJECT SITE

**CALL 48 HOURS BEFORE YOU DIG
811 OR 1-800-424-5555**



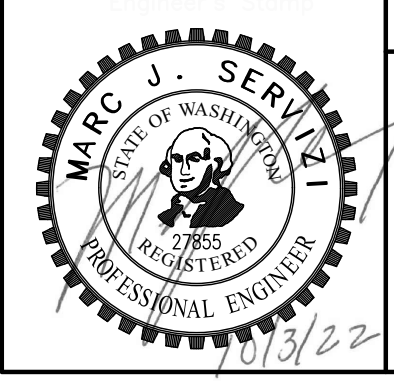
S. WASHINGTON ST.
(PUBLICLY DEDICATED R-O-W)

METROPOLE BUILDING DPD PROJECT # 6508387-CN

DATE	MARK	NATURE	MADE BY	CHK'D	REV'D

TO BE PROVIDED BY PSPB

COLORED/STAMPED ASPHALT PAVING DETAIL



LPD
engineering pllc
1932 First Ave
Suite 201
Seattle, WA 98101
p. 206.725.1211
f. 206.973.5344
www.lpdengineering.com

APPROVED FOR SDOT PERMITTING

ENGINEER/LA/SURVEYOR	SDOT PROJECT MANAGER
SPU/WATER ENGINEERING	SDOT SUPERVISOR
SPU/DRAINAGE	REVISED AS-BUILT

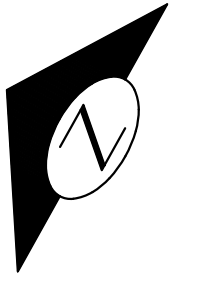
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS IN EFFECT ON THE DATE SHOWN ABOVE, AND SUPPLEMENTED BY SPECIAL PROVISIONS.



**423 2ND AVE S EXT
ALLEY IMPROVEMENTS**

SDOT PROJECT NO. 421941
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 5 OF 17

Street Improvement Plan



KEY NOTES

- ① ADJUST UTILITY LID TO GRADE.
- ② UTILITY IS ABOVE AREA-WAY WALL AND SHALL BE PROTECTED AND OPERATIONAL DURING CONSTRUCTION.
- ③ CAP AND ABANDON GAS PER PSE STANDARDS. REMOVE GAS ON BUILDING SIDE OF AREA-WAY WALL.
- ④ STREET LIGHT TO REMAIN DURING AREA-WAY CONSTRUCTION, CONTRACTOR TO BRACE IN PLACE OR REMOVE AND PROVIDE TEMP LIGHTING AND SIGNAL CONTROLS.
- ⑤ REMOVE EXISTING UTILITY OR STRUCTURE

PROJECT NOTES

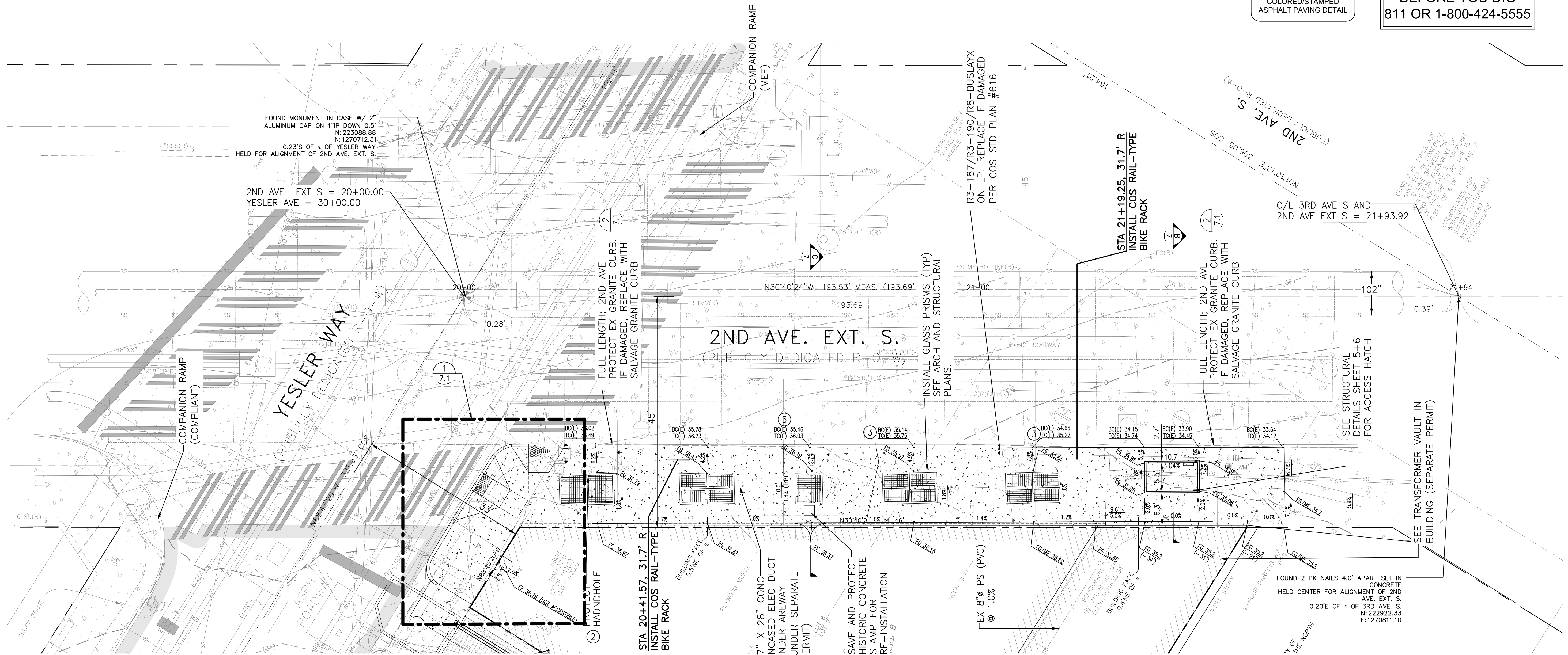
1. ANY SIDEWALK REMOVE, REPLACED OR DAMAGED SHALL BE IN ACCORDANCE WITH COS STD PLAN 420 WITH ONE POUND LAMP BLACK SLURRED AT 2' INTERVALS.
2. ANY REPAIR OR RESTORATION WORK TO THE SIDEWALK BEHIND THE INTERSECTION CURB RETURN. COULD TRIGGER CURB RAMP AND COMPANION RAMP REPLACEMENT.
3. CONTACT KING COUNTY METRO IF A BUS SIGN NEEDS TO BE REINSTALLED.

TO BE PROVIDED BY PSPB

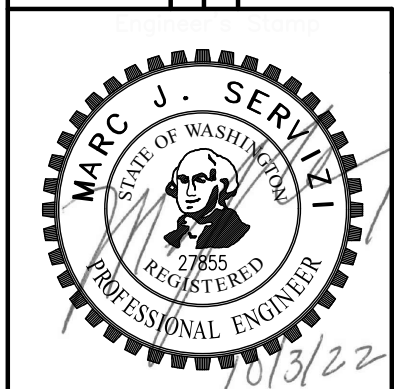
COLORED/STAMPED ASPHALT PAVING DETAIL

INSTALL CATCH BASIN INSERTS ON ALL DRAINAGE STRUCTURES UP TO 300 FEET DOWNSTREAM FROM PROJECT SITE

CALL 48 HOURS BEFORE YOU DIG
811 OR 1-800-424-5555



DATE	MARK	NATURE	REVISIONS



LPD
engineering pllc
1932 First Ave
Suite 201
Seattle, WA 98101
p. 206.725.1211
f. 206.973.5344
www.lpdengineering.com

APPROVED FOR SDOT PERMITTING

ENGINEER/LA/SURVEYOR	SDOT PROJECT MANAGER
SPU/WATER ENGINEERING	SDOT SUPERVISOR
SPU/DRAINAGE	REVISED AS-BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS IN EFFECT ON THE DATE SHOWN ABOVE, AND SUPPLEMENTED BY SPECIAL PROVISIONS.

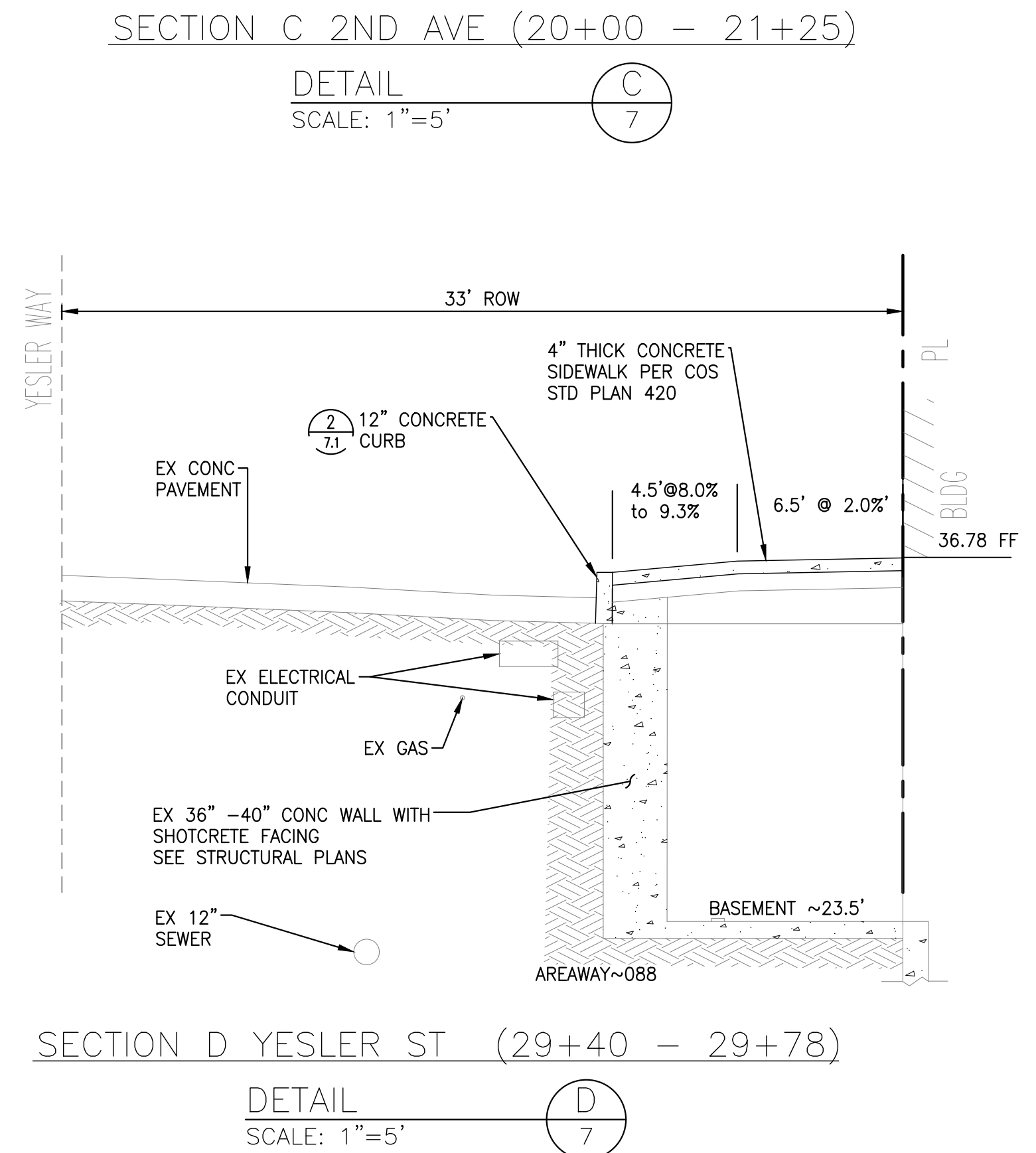
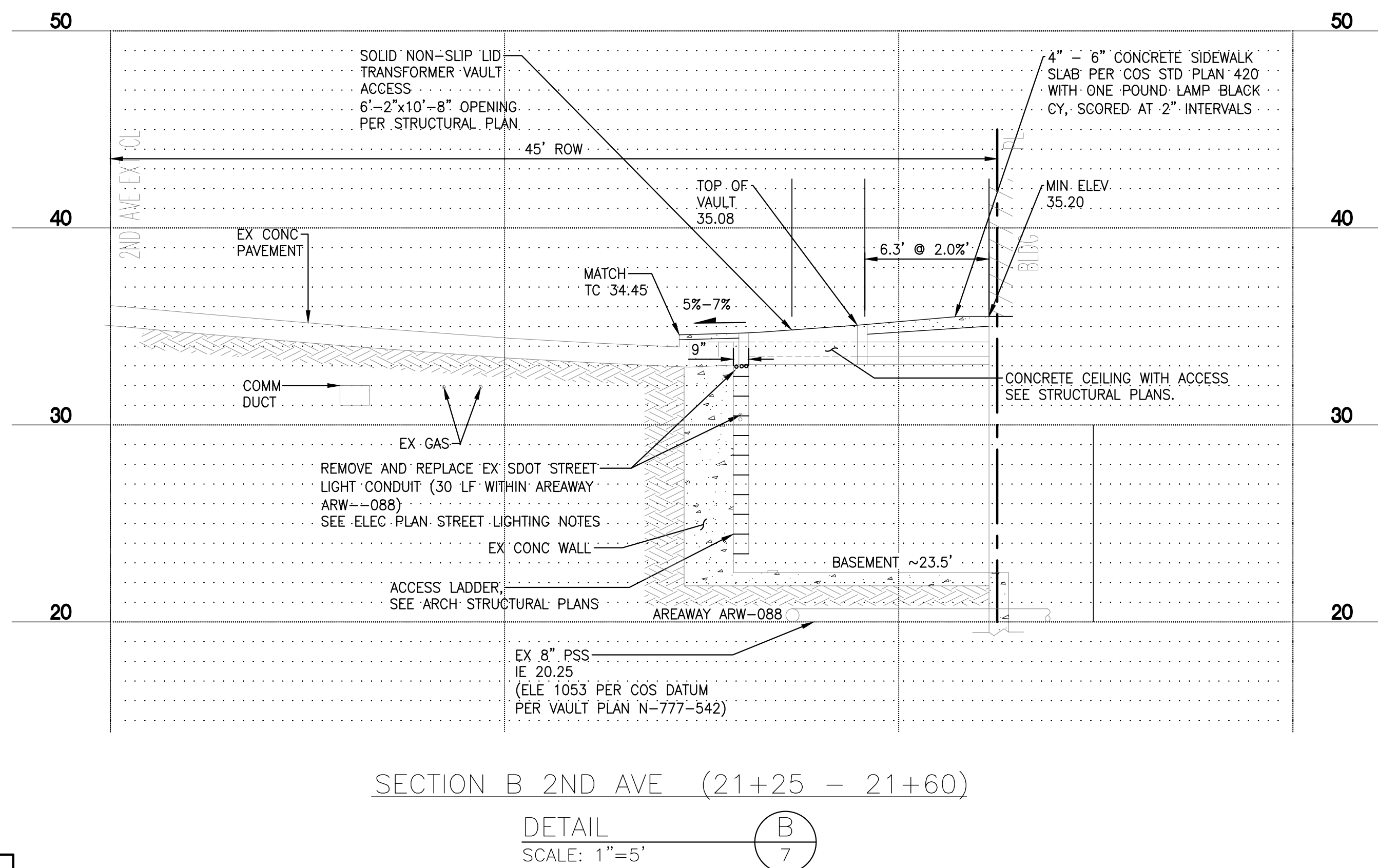
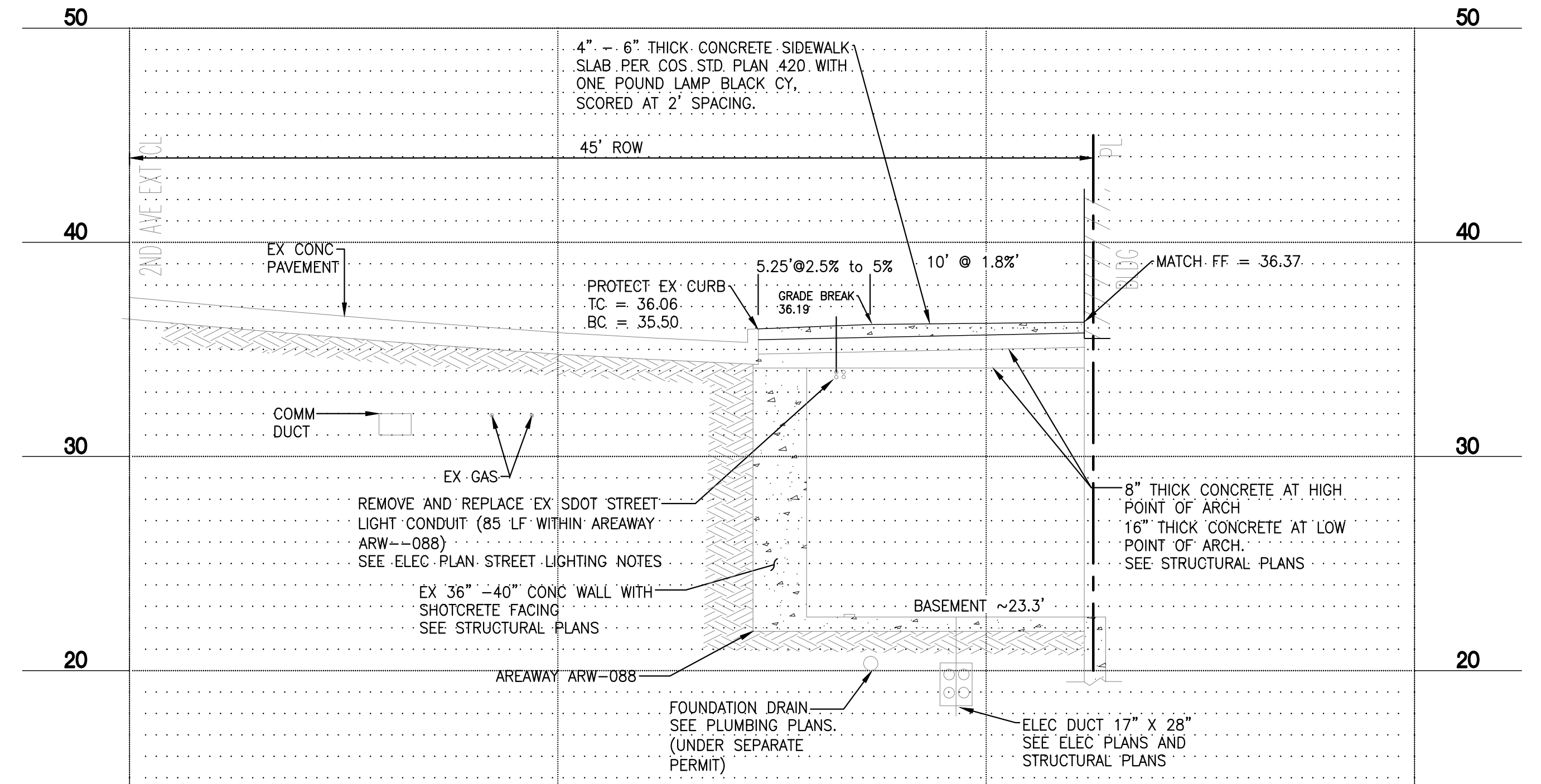
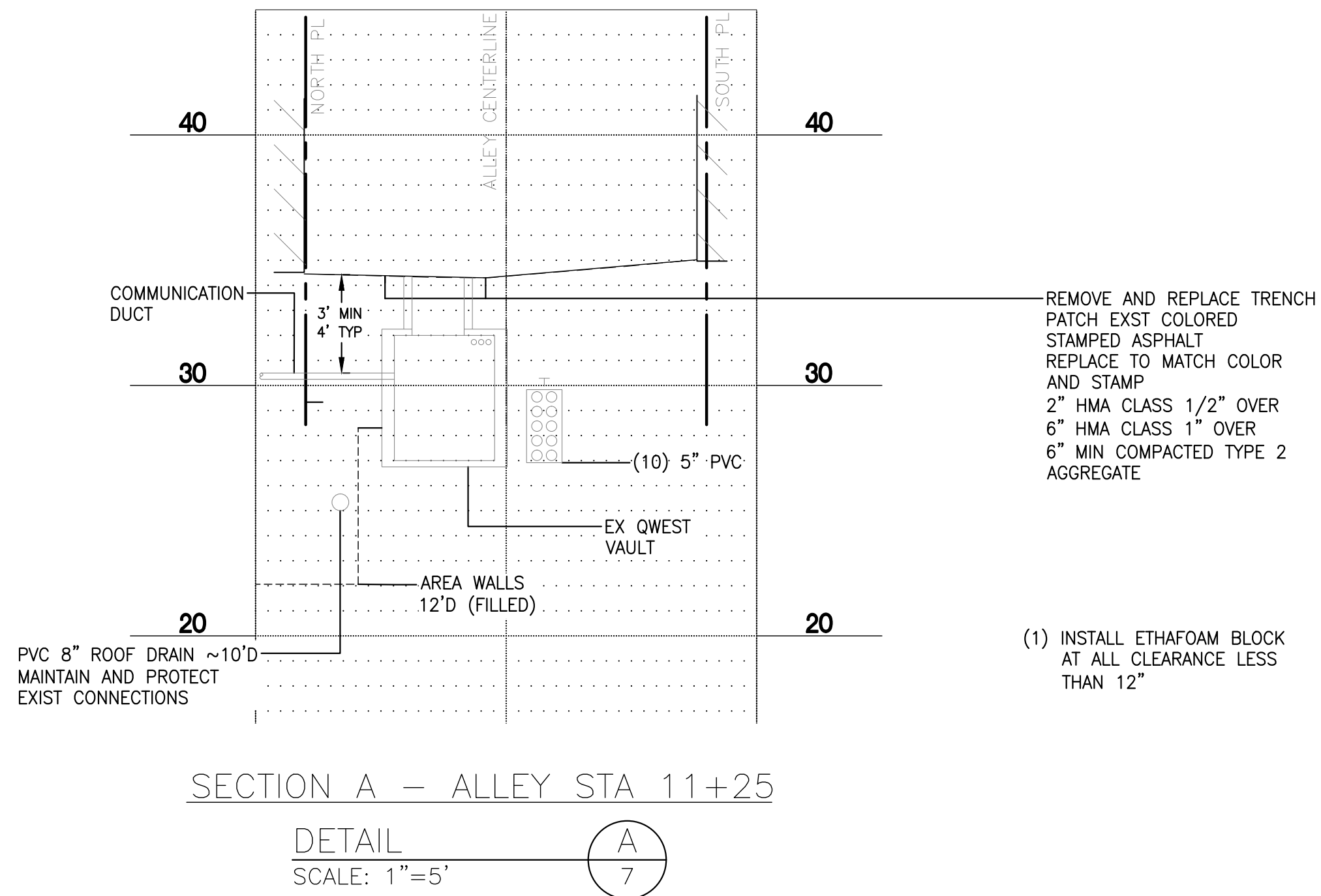


423 2ND AVE S EXT
YESLER WAY AND 2ND AVE EXT S

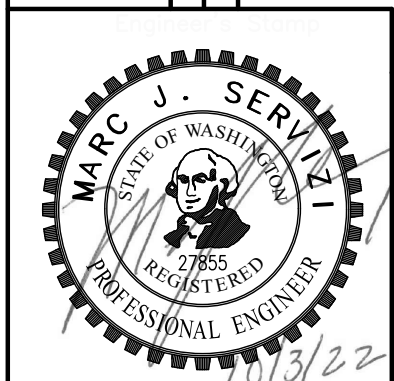
METROPOLE BUILDING DPD PROJECT # 6508387-CN

SDOT PROJECT NO. 421941
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 6 OF 17

Street Improvement Plan



DATE	MARK	NATURE	REVISIONS
		MADE	CHK'D REV'D



LPD
engineering pllc
1932 First Ave
Suite 201
Seattle, WA 98101
p. 206.725.1211
f. 206.973.5344
www.lpdengineering.com

APPROVED FOR SDOT PERMITTING	
ENGINEER/LA/SURVEYOR	SDOT PROJECT MANAGER
SPU/WATER ENGINEERING	SDOT SUPERVISOR
SPU/DRAINAGE	REVISED AS-BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS IN EFFECT ON THE DATE SHOWN ABOVE, AND SUPPLEMENTED BY SPECIAL PROVISIONS.



423 2ND AVE S EXT
DETAILS

METROPOLE BUILDING DPD PROJECT # 6508387-CN

SDOT PROJECT NO. 421941
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 7 OF 17

Street Improvement Plan

General Structural Notes

THE FOLLOWING APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS

CRITERIA

- ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, THE SEATTLE BUILDING CODE (2012 EDITION). THIS STRUCTURE DOES NOT CONFORM TO PRESENT EARTHQUAKE CODE REQUIREMENTS. IT HAS BEEN ANALYZED AND REINFORCED FOR THE 10/50 GROUND MOTION AND THE LIFE SAFETY STANDARD IN ACCORDANCE WITH ASCE 41-06 (SEISMIC REHABILITATION OF EXISTING BUILDINGS), AND IS WITHIN THE CURRENT PRACTICE FOR THE RENOVATION OF EXISTING BUILDINGS OF THIS AGE AND TYPE OF CONSTRUCTION.
AREAWAY
UNIFORM LOAD 250 PSF
TRUCK LOAD HS20
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS FOR BIDDING AND CONSTRUCTION. ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. ANY DISCREPANCIES FOUND AMONG THE DRAWINGS, THE SPECIFICATION, THESE GENERAL NOTES AND THE SITE CONDITIONS SHALL BE REPORTED TO THE ARCHITECT, WHO SHALL CORRECT SUCH DISCREPANCY IN WRITING. ANY WORK DONE BY THE GENERAL CONTRACTOR AFTER DISCOVERY OF SUCH DISCREPANCY SHALL BE DONE AT THE GENERAL CONTRACTOR'S RISK.
- PRIMARY STRUCTURAL ELEMENTS NOT DIMENSIONED ON THE STRUCTURAL PLANS AND DETAILS SHALL BE LOCATED BY THE ARCHITECTURAL PLANS AND DETAILS. VERTICAL DIMENSION CONTROL IS DEFINED BY THE ARCHITECTURAL WALL SECTIONS, BUILDING SECTION, AND PLANS. DETAILING AND SHOP DRAWING PRODUCTION FOR STRUCTURAL ELEMENTS WILL REQUIRE DIMENSIONAL INFORMATION CONTAINED IN BOTH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE CONTRACTORS WORK. THE STRUCTURAL ENGINEER HAS NO OVERALL SUPERVISORY AUTHORITY OR ACTUAL AND/OR DIRECT RESPONSIBILITY FOR THE SPECIFIC WORKING CONDITIONS AT THE SITE AND/OR FOR ANY HAZARDS RESULTING FROM THE ACTIONS OF ANY TRADE CONTRACTOR. THE STRUCTURAL ENGINEER HAS NO DUTY TO INSPECT, SUPERVISE, NOTE, CORRECT, OR REPORT ANY HEALTH OR SAFETY DEFICIENCIES TO THE OWNER, CONTRACTORS, OR OTHER ENTITIES OR PERSONS AT THE PROJECT SITE.
- CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS. CONFORM TO ASCE 37-02 "DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION".
- CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.
- DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER. ALL TYPICAL NOTES AND DETAILS SHOWN ON DRAWINGS SHALL APPLY, UNLESS NOTED OTHERWISE. TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED ON THE PLANS BUT SHALL STILL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS. WHERE TYPICAL DETAILS ARE NOTED ON THE PLANS, THE SPECIFIED TYPICAL DETAIL SHALL BE USED. WHERE NO TYPICAL DETAIL IS NOTED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE APPROPRIATE TYPICAL DETAIL FROM THOSE PROVIDED OR REQUEST ADDITIONAL INFORMATION. THE CONTRACTOR SHALL SUBMIT ALL PROPOSED ALTERNATE TYPICAL DETAILS TO THOSE PROVIDED WITH RELATED CALCULATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO SHOP DRAWING PRODUCTION AND FIELD USE.
- SHOP DRAWINGS FOR THE FOLLOWING ITEMS SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.

REINFORCING STEEL (FOR BOTH CONCRETE AND MASONRY CONSTRUCTION)

CONTRACTOR SHALL SUBMIT WALL ELEVATION DRAWINGS OF AT LEAST 1/8" = 1'-0" SCALE INDICATING LOCATIONS OF CONNECTION EMBEDMENT'S AND WALL OPENINGS FOR REVIEW PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WALL ELEVATION DRAWINGS WITH REINFORCEMENT SHOP DRAWINGS.

APPROVED SETS OF ALL SHOP DRAWINGS SHALL ALSO BE SUBMITTED TO THE BUILDING DEPARTMENT.

- SHOP DRAWING REVIEW: DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD. THEREFORE MUST BE VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY ENGINEER OF RECORD. CONTRACTOR SHALL REVIEW DRAWINGS FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION, AND ALL SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO. SUBMITTALS SHALL INCLUDE A REPRODUCIBLE AND ONE COPY; REPRODUCIBLE WILL BE MARKED AND RETURNED WITHIN TWO WEEKS OF RECEIPT WITH A NOTATION INDICATING THAT THE SUBMITTAL HAS BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE SUBMITTED ITEMS SHALL NOT BE INSTALLED UNTIL THEY HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT, BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

QUALITY ASSURANCE

- SPECIAL INSPECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND SECTIONS 110 AND 1705 OF THE INTERNATIONAL BUILDING CODE BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE ARCHITECT, AND RETAINED BY THE BUILDING OWNER. THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING DEPARTMENT SHALL BE FURNISHED WITH COPIES OF ALL INSPECTION AND TEST RESULTS. SPECIAL INSPECTION OF THE FOLLOWING TYPES OF CONSTRUCTION IS REQUIRED UNLESS NOTED OTHERWISE.

CONCRETE CONSTRUCTION	PER TABLE 1705.3
EPOXY GROUTED INSTALLATIONS	PER MANUFACTURER

PERIODIC INSPECTION: INSPECTION SHALL BE PERFORMED AT INTERVALS NECESSARY TO CONFIRM THAT WORK REQUIRING SPECIAL INSPECTION IS IN COMPLIANCE WITH REQUIREMENTS.
CONTINUOUS INSPECTION: INSPECTOR SHALL BE ONSITE AND OBSERVE THE WORK REQUIRING INSPECTION AT ALL TIMES THAT WORK IS PERFORMED.

RENOVATION

- DEMOLITION: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. SHORING SHALL BE INSTALLED TO SUPPORT EXISTING CONSTRUCTION AS REQUIRED AND IN A MANNER SUITABLE TO THE WORK SEQUENCES. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. LIMIT CONSTRUCTION LOADING (INCLUDING DEMOLITION DEBRIS) ON EXISTING FLOOR SYSTEMS TO 40 PSF.
- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER IF EXISTING CONDITIONS DETERMINED DURING WORK VARY FROM THE EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS.
- EXISTING REINFORCING SHALL BE SAVED WHERE AND AS NOTED ON THE PLANS. SAW CUTTING, IF AND WHERE USED, SHALL NOT CUT EXISTING REINFORCING THAT IS TO BE SAVED.
 - ALL NEW OPENINGS THROUGH EXISTING WALLS, SLABS AND BEAMS SHALL BE ACCOMPLISHED BY SAW CUTTING WHEREVER POSSIBLE. CORNERS SHALL NOT BE OVERT CUT.
 - CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND LOCATION OF MEMBERS PRIOR TO CUTTING ANY OPENINGS.
 - SMALL ROUND OPENINGS SHALL BE ACCOMPLISHED BY CORE DRILLING.
 - WHERE NEW REINFORCING TERMINATES AT EXISTING CONCRETE, DRILL AND EPOXY DOWELS MATCHING THE NEW REINFORCING INTO THE EXISTING CONCRETE WITH 6" EMBED, UNLESS OTHERWISE NOTED ON PLANS.
- CONTRACTOR SHALL CHECK FOR DRY ROT AT ALL AREAS OF NEW WORK. ALL ROT SHALL BE REMOVED AND DAMAGED MEMBERS SHALL BE REPLACED OR REPAIRED AS DIRECTED BY THE STRUCTURAL ENGINEER OR ARCHITECT.

CONCRETE

- CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH ACI 301. STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS:

MEMBER TYPE/CONSTRUCTION	STRENGTH	TEST	MAX		AIR CONT.
			F °C	AGE	
			-PSI-	-DAYS-	
			-1INCH-	-RATIO-	
SLABS ON GRADE	3000	28	1	.45	5
ALL ELEVATED SLABS AND BEAMS	5000	28	3/4	.42	---
COLUMNS	5000	28	3/4	.50	---
ALL STRUCTURAL CONCRETE, UNO	5000	28	1	.50	---

MIX DESIGN NOTES:

- MAXIMUM SHRINKAGE IN ALL 5000 PSI MIXES SHALL BE LIMITED TO .04 PERCENT IN 28 DAYS AS TESTED IN ACCORDANCE WITH ASTM C157 MODIFIED STANDARD TEST METHOD FOR LENGTH CHANGE OF CEMENT MORTAR AND CONCRETE.
 - W/C RATIO: WATER-CEMENTITIOUS MATERIAL RATIOS SHALL BE BASED ON THE TOTAL WEIGHT OF CEMENTITIOUS MATERIALS. RATIOS NOT NOTED IN TABLE ABOVE ARE CONTROLLED BY STRENGTH REQUIREMENTS.
 - CEMENTITIOUS CONTENT: THE USE OF FLY ASH, OTHER POZZOLANS, SILICA FUME, OR SLAG SHALL CONFORM TO ACI 301 SEC 4.2.2.8.B. FOR CONCRETE USED IN ELEVATED FLOORS, PORTLAND CEMENT CONTENT SHALL CONFORM TO ACI 301 SEC 4.2.2.1. ACCEPTANCE OF LOWER CEMENT CONTENT IS CONTINGENT ON PROVIDING SUPPORTING DATA TO THE ENGINEER FOR REVIEW AND ACCEPTANCE.
 - AIR CONTENT SHALL CONFORM TO ACI 301 SEC 4.2.2.4. HORIZONTAL EXTERIOR SURFACES IN CONTACT WITH THE SOIL REQUIRE ENTRAINED AIR. USE "MODERATE EXPOSURE". VERTICAL EXTERIOR SURFACES REQUIRE "MODERATE EXPOSURE". TOLERANCE IS +/- 1.5 PERCENT. AIR CONTENT SHALL BE MEASURED AT POINT OF PLACEMENT.
 - SLUMP SHALL CONFORM TO ACI 301 SEC 4.2.2.2. SLUMP SHALL BE DETERMINED AT THE POINT OF PLACEMENT.
 - CHLORIDE CONTENT SHALL CONFORM TO ACI 301 SEC 4.2.2.6 AND TABLE 4.2.2.6 FOR "OTHER REINFORCED CONCRETE CONSTRUCTION".
- A CONCRETE PERFORMANCE MIX SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER AND THE BUILDING DEPARTMENT FOR APPROVAL TWO WEEKS PRIOR TO PLACING ANY CONCRETE. THE PERFORMANCE MIX SHALL INCLUDE THE AMOUNTS OF CEMENT, FINE AND COARSE AGGREGATE, WATER AND ADMIXTURES AS WELL AS THE WATER CEMENT RATIO, SLUMP, CONCRETE YIELD AND SUBSTANTIATING STRENGTH DATA IN ACCORDANCE WITH ACI 318, SECTION 5.3. THE USE OF A PERFORMANCE MIX REQUIRES BATCH PLANT INSPECTION, THE COST OF WHICH SHALL BE PAID BY THE GENERAL CONTRACTOR. REVIEW OF MIX SUBMITTALS BY THE ENGINEER OF RECORD INDICATES ONLY THAT INFORMATION PRESENTED CONFORMS GENERALLY WITH CONTRACT DOCUMENTS. CONTRACTOR OR SUPPLIER MAINTAINS FULL RESPONSIBILITY FOR SPECIFIED PERFORMANCE.

- REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, FY = 60,000 PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, FY = 40,000 PSI. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. SPIRAL REINFORCEMENT SHALL BE DEFORMED WIRE CONFORMING TO ASTM A615, GRADE 60, FY = 60,000 PSI.

- DETAILING OF REINFORCING STEEL (INCLUDING HOOKS AND BENDS) SHALL BE IN ACCORDANCE WITH ACI 315-99 AND 318-11. LAP ALL REINFORCEMENTS IN ACCORDANCE WITH "THE REINFORCING SPLICE AND DEVELOPMENT LENGTH SCHEDULE." PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS. LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8" AT SIDES AND ENDS.

NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED OR APPROVED BY THE STRUCTURAL ENGINEER.

- CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER (#6 BARS OR LARGER)	2"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER (#5 BARS OR SMALLER)	1-1/2"
COLUMN TIES OR SPIRALS AND BEAM STIRRUPS	1-1/2"
SLABS AND WALLS (INT. FACE) GREATER OF BAR DIAMETER PLUS 1/8" OR 3/4"	

- CONCRETE WALL REINFORCING--PROVIDE THE FOLLOWING UNLESS DETAILED OTHERWISE:

6" WALLS	#4 @ 16 HORIZ.	#4 @ 18 VERTICAL	1 CURTAIN
8" WALLS	#4 @ 12 HORIZ.	#4 @ 18 VERTICAL	1 CURTAIN
10" WALLS	#4 @ 18 HORIZ.	#4 @ 18 VERTICAL	2 CURTAINS

- CAST-IN-PLACE CONCRETE: SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS OF DOOR AND WINDOW OPENINGS IN ALL CONCRETE WALLS. SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF MISCELLANEOUS MECHANICAL OPENINGS THROUGH CONCRETE WALLS. SEE ARCHITECTURAL DRAWINGS FOR ALL GROOVES, NOTCHES, CHAMFERS, FEATURE STRIPS, COLOR, TEXTURE, AND OTHER FINISH DETAILS AT ALL EXPOSED CONCRETE SURFACES, BOTH CAST-IN-PLACE AND PRECAST.
- NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3000 PSI MINIMUM).

ANCHORAGE

- EPOXY-GROUTED ITEMS (THREADED RODS OR REINFORCING BAR) SPECIFIED ON THE DRAWINGS SHALL BE INSTALLED USING "HIT-HY 200" AS MANUFACTURED BY HILTI CORP. INSTALL IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-3187. MINIMUM BASE MATERIAL TEMPERATURE IS 14 DEGREES, F. SPECIAL INSPECTION OF INSTALLATION IS REQUIRED. RODS SHALL BE ASTM A-36 UNLESS OTHERWISE NOTED.
- EPOXY RENOVATION ANCHORS TO EXISTING UNREINFORCED BRICK MASONRY WALLS SPECIFIED ON THE DRAWINGS SHALL BE INSTALLED USING "HIT-HY270" AS MANUFACTURED BY THE HILTI CORP. SCREEN TUBE IS REQUIRED. INSTALL IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-3342. MINIMUM BASE MATERIAL TEMPERATURE IS 23 DEGREES, F. HOLES SHALL BE DRILLED ONLY. ROTO-HAMMERS SHALL HAVE THE HAMMER OPTION TURNED OFF. SPECIAL INSPECTION OF INSTALLATION IS REQUIRED. RODS SHALL BE THREADED ASTM-A36 MATERIAL UNLESS OTHERWISE NOTED.

GEOTECHNICAL

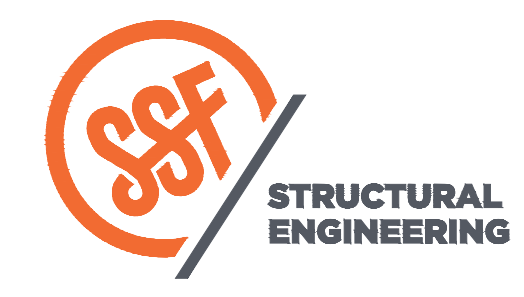
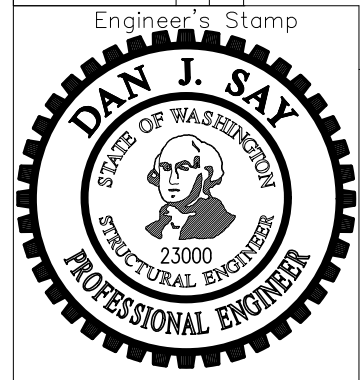
- FOUNDATION NOTES: SUBGRADE PREPARATION INCLUDING DRAINAGE, EXCAVATION, COMPACTION, AND FILLING REQUIREMENTS, SHALL CONFORM STRICTLY WITH RECOMMENDATIONS GIVEN IN THE SOILS REPORT OR AS DIRECTED BY THE SOILS ENGINEER. FOOTINGS SHALL BEAR ON SOLID UNDISTURBED EARTH OR COMPACTED STRUCTURAL FILL AT LEAST 18" BELOW LOWEST ADJACENT FINISHED GRADE. FOOTING DEPTHS/ELEVATIONS SHOWN ON PLANS (OR IN DETAILS) ARE MINIMUM AND FOR GUIDANCE ONLY; THE ACTUAL ELEVATIONS OF FOOTINGS MUST BE ESTABLISHED BY THE CONTRACTOR IN THE FIELD WORKING WITH THE TESTING LAB AND SOILS ENGINEER. BACKFILL BEHIND ALL RETAINING WALLS WITH FREE DRAINING GRANULAR FILL AND PROVIDE FOR SUBSURFACE DRAINAGE AS NOTED IN THE SOILS REPORT.

PILE CAPACITY (TENSION/COMPRESSION/LATERAL)
3" DIAMETER PIN PILES 0/12/0 K

REFER TO THE PLAN NOTES FOR PILE DRIVING CRITERIA, TESTING AND MINIMUM LENGTH.

SOILS REPORT REFERENCE: Adapt Engineering, Job No. WA16-20510-GEO
GeoEngineers, File No. 24937-001-00

DATE	MARK	NATURE	REVISIONS
			MADE CHKD REVD



2124 Third Avenue - Suite 100 - Seattle, WA 98121
p: 206.443.6212 ssfengineers.com
934 Broadway - Tacoma, WA 98402
p: 253.284.9470 ssfengineers.com
Copyright 2020 Swenson Say Faget - All Rights Reserved

REVIEWED BY SPU/WATER ENGINEERING	NAME OR INITIALS AND DATE	INITIALS AND DATE
..... 20.....	DESIGNED . MJS	REVIEWED:
	CHECKED .	
REVIEWED BY SPU/DRAINAGE	DRAWN	PROJECT MANAGER
..... 20.....	CHECKED . EVW	
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	DESIGN REVIEW . 07.02.01	REVISED AS--BUILT.....
..... 20.....	All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.	

City of Seattle
Seattle Department of Transportation

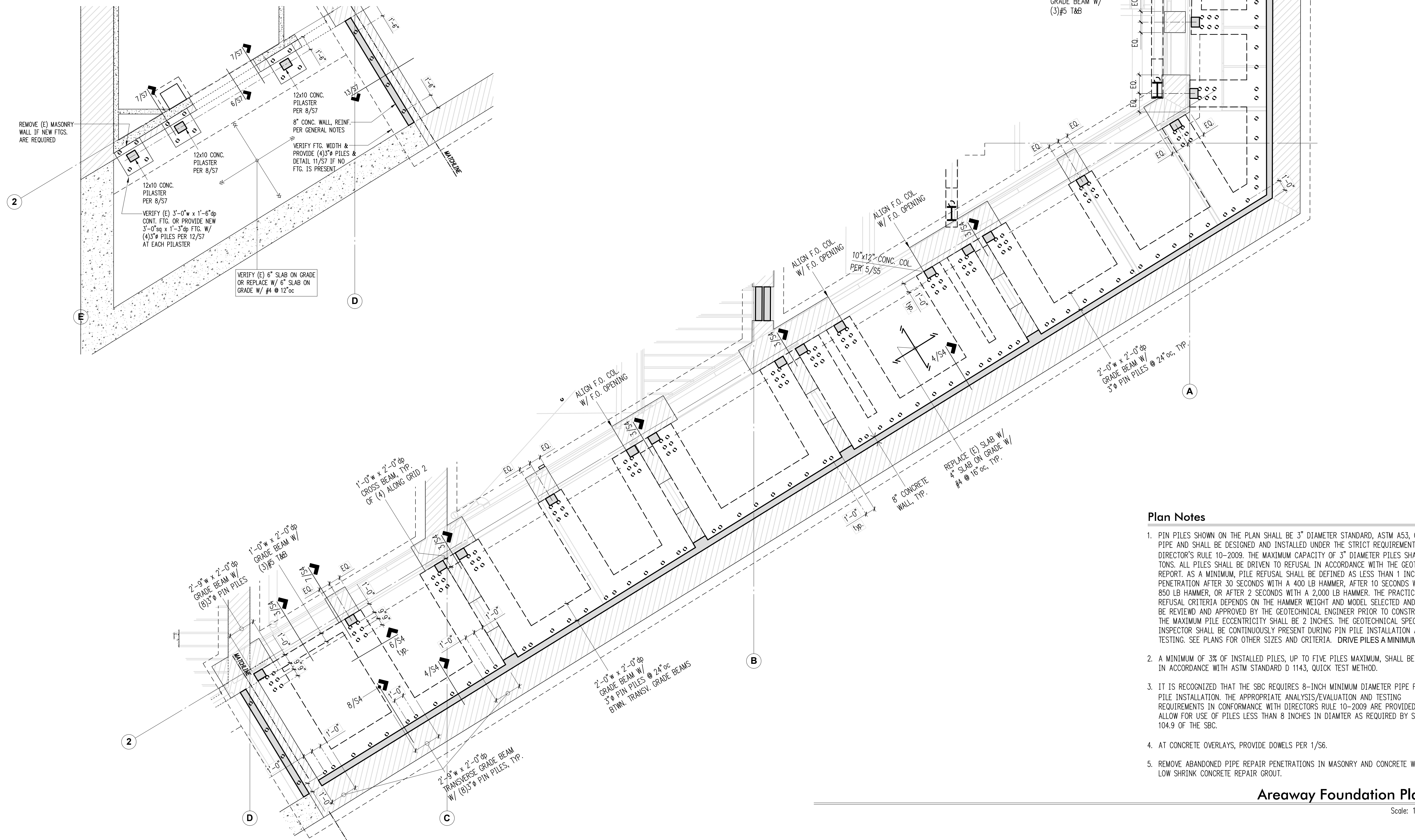
SCALE: H. V. INSPECTOR'S BOOK

METROPOLE BUILDING DPD PROJECT # 6508387-CN

423 2ND AVE S EXT S1 - GENERAL STRUCTURAL NOTES

SDOT PROJECT NO.	421941
VAULT PLAN NO.	
VAULT SERIAL NO.	
SHEET	6 OF 17

Street Improvement Plan



Plan Notes

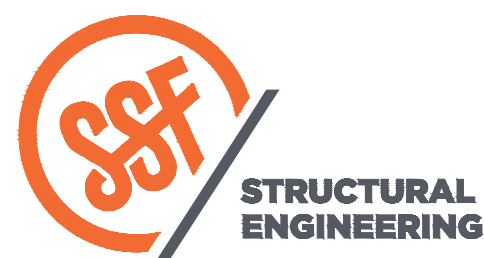
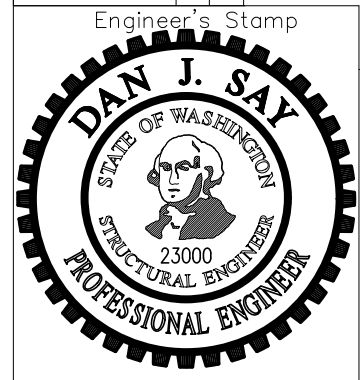
- PIN PILES SHOWN ON THE PLAN SHALL BE 3" DIAMETER STANDARD, ASTM A53, GRADE B PIPE AND SHALL BE DESIGNED AND INSTALLED UNDER THE STRICT REQUIREMENTS OF DIRECTOR'S RULE 10-2009. THE MAXIMUM CAPACITY OF 3" DIAMETER PILES SHALL BE 6 TONS. ALL PILES SHALL BE DRIVEN TO REFUSAL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. AS A MINIMUM, PILE REFUSAL SHALL BE DEFINED AS LESS THAN 1 INCH OF PENETRATION AFTER 30 SECONDS WITH A 400 LB HAMMER, AFTER 10 SECONDS WITH A 850 LB HAMMER, OR AFTER 2 SECONDS WITH A 2,000 LB HAMMER. THE PRACTICAL REFUSAL CRITERIA DEPENDS ON THE HAMMER WEIGHT AND MODEL SELECTED AND SHALL BE REVIEWED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION. THE MAXIMUM PILE ECCENTRICITY SHALL BE 2 INCHES. THE GEOTECHNICAL SPECIAL INSPECTOR SHALL BE CONTINUOUSLY PRESENT DURING PIN PILE INSTALLATION AND LOAD TESTING. SEE PLANS FOR OTHER SIZES AND CRITERIA. DRIVE PILES A MINIMUM OF 25'.
- A MINIMUM OF 3% OF INSTALLED PILES, UP TO FIVE PILES MAXIMUM, SHALL BE TESTED IN ACCORDANCE WITH ASTM STANDARD D 1143, QUICK TEST METHOD.
- IT IS RECOGNIZED THAT THE SBC REQUIRES 8-INCH MINIMUM DIAMETER PIPE FOR PILE INSTALLATION. THE APPROPRIATE ANALYSIS/EVALUATION AND TESTING REQUIREMENTS IN CONFORMANCE WITH DIRECTOR'S RULE 10-2009 ARE PROVIDED TO ALLOW FOR USE OF PILES LESS THAN 8 INCHES IN DIAMETER AS REQUIRED BY SECTION 104.9 OF THE SBC.
- AT CONCRETE OVERLAYS, PROVIDE DOWELS PER 1/S6.
- REMOVE ABANDONED PIPE REPAIR PENETRATIONS IN MASONRY AND CONCRETE WALLS WITH LOW SHRINK CONCRETE REPAIR GROUT.

Areaway Foundation Plan

Scale: 1"=5'



DATE	MARK	NATURE	REVISIONS



2124 Third Avenue - Suite 100 - Seattle, WA 98121
 p: 206.443.6212 sfengineers.com
 934 Broadway - Tacoma, WA 98402
 p: 253.284.9470 sfengineers.com
 Copyright 2020 Swenson Say Fagot - All Rights Reserved

REVIEWED BY SPU/WATER ENGINEERING	NAME OR INITIALS AND DATE	INITIALS AND DATE
..... 20.....	DESIGNED MJS	REVIEWED:
REVIEWED BY SPU/DRAINAGE	CHECKED
..... 20.....	DRAWN EVW	PROJECT MANAGER
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	DESIGN REVIEW 07.02.01	REVISED AS-BUILT.....
..... 20.....	All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.	



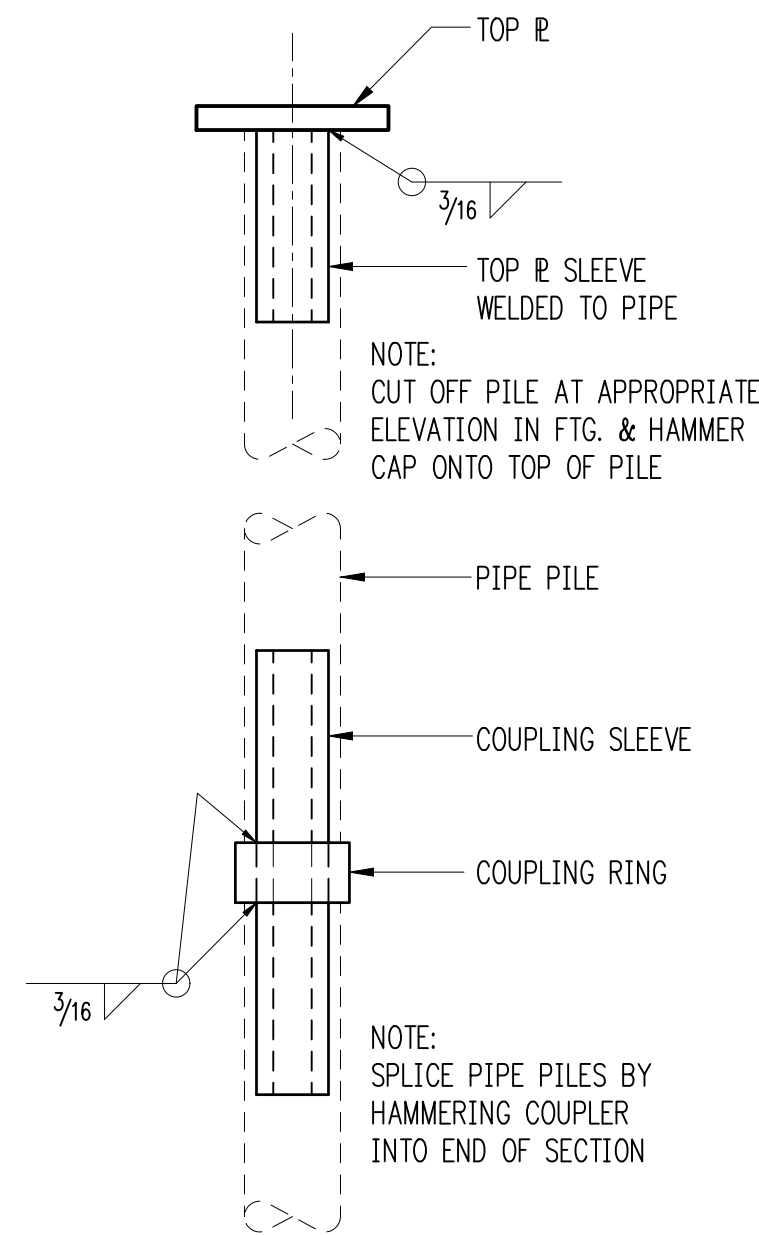
SCALE: H. V. INSPECTOR'S BOOK

METROPOLE BUILDING DPD PROJECT # 6508387-CN

423 2ND AVE S EXT
 S2 - AREAWAY FOUNDATION PLAN

SDOT PROJECT NO.	421941
VAULT PLAN NO.	
VAULT SERIAL NO.	
SHEET	7 OF 17

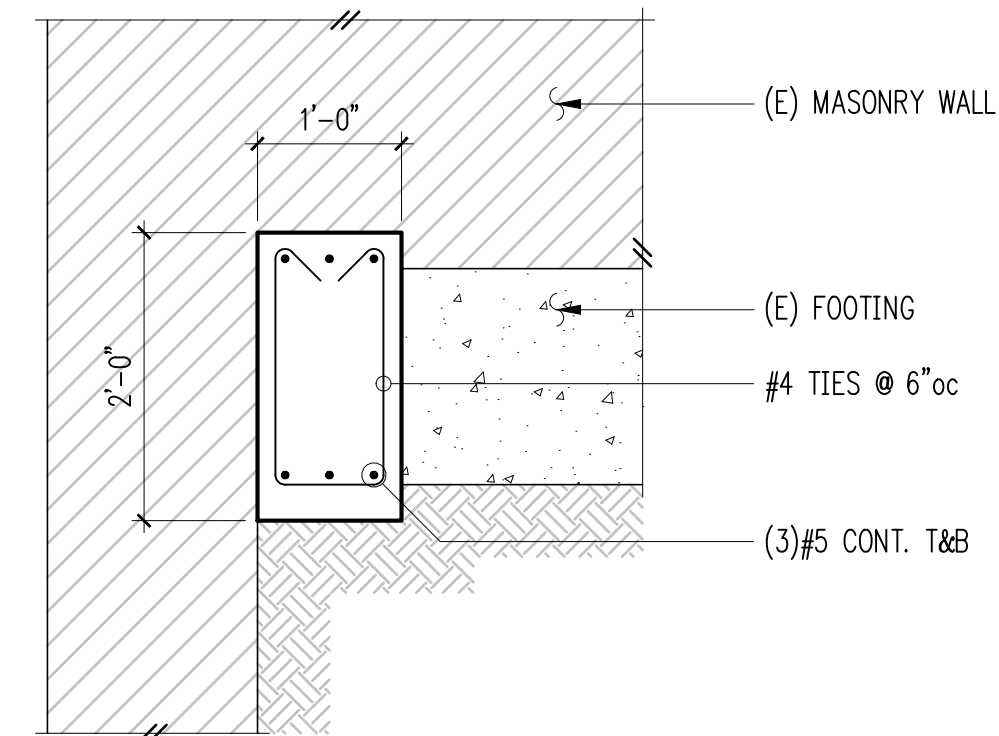
Street Improvement Plan



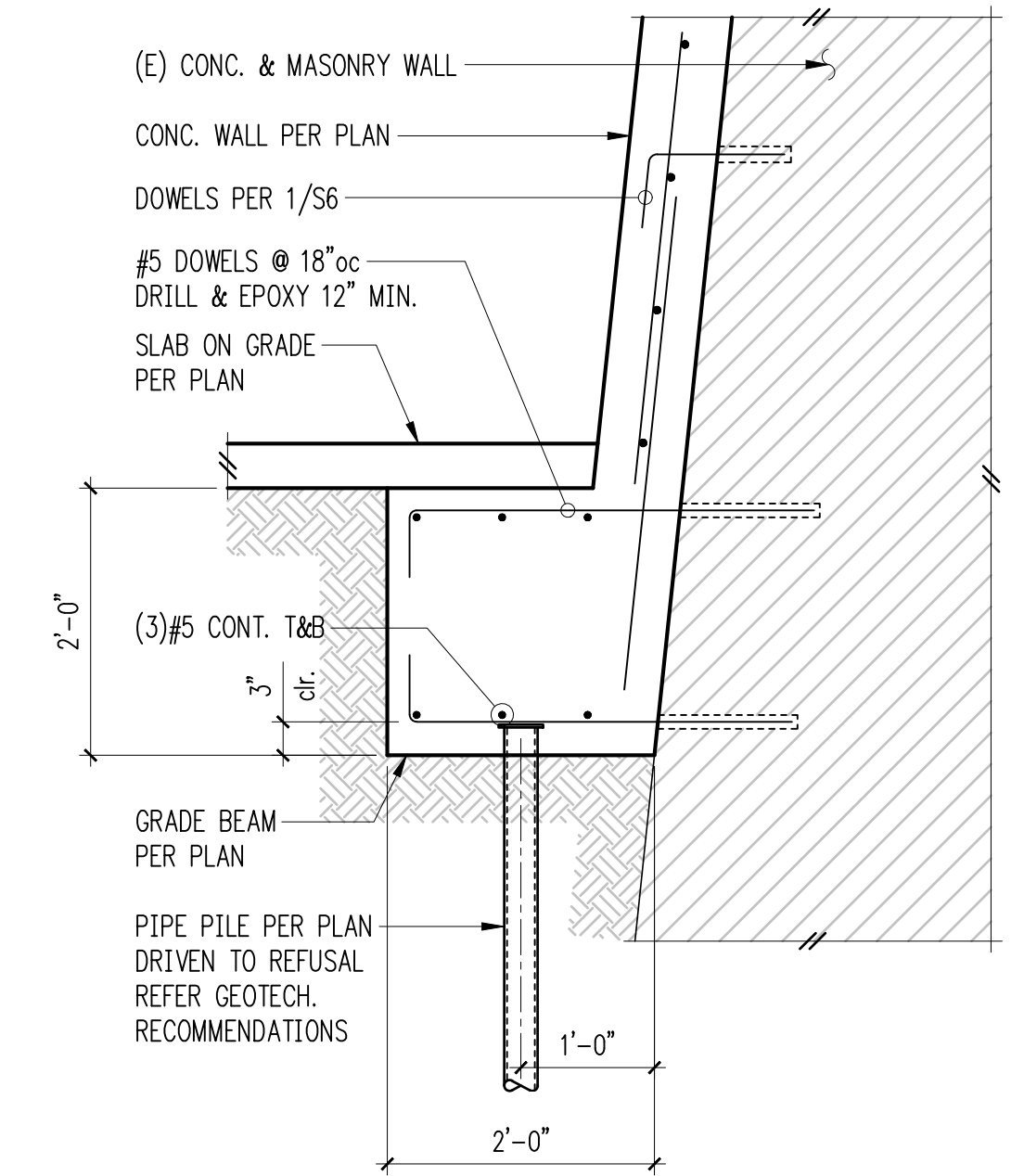
Typical Pipe Pile Assembly

PART	PIPE				
	2" Sch 80 Pipe 2.375" O.D.	3" Sch 40 Pipe 3.5" O.D.	4" Sch 40 Pipe 4.5" O.D.	6" Sch 40 Pipe 6.625" O.D.	8" Sch 40 Pipe 8.625" O.D.
TOP PLATE	.375"x4"x4" OR .50"x6"x6" (COMPRESSION FIT TOP PLATE)	.375"x4"x4" OR .50"x6"x6" (COMPRESSION FIT TOP PLATE)	.50"x6"x6" (COMPRESSION FIT TOP PLATE)	.50"x8"x8" (COMPRESSION FIT TOP PLATE)	.625"x10"x10" (COMPRESSION FIT TOP PLATE)
TOP SLEEVE	1.5" SCH 40 x 5" ASTM A53 GRADE A PIPE (TOP SLEEVE)	2.5" SCH 40 x 5" ASTM A53 GRADE A PIPE (TOP SLEEVE)	3.5" SCH 40 x 5" ASTM A53 GRADE A PIPE (TOP SLEEVE)	6"OD (.25") x 5" A500 PIPE (TOP SLEEVE)	7.625"O.D. SCH 40 (.301") x 5" A53 GRADE A PIPE PIPE (TOP SLEEVE)
PIPE	2" SCH 80 (.218") ASTM A53 GRADE A PIPE (TYP. 10.5' LENGTHS)	3" SCH 40 (.216") ASTM A53 GRADE A PIPE (TYP. 10.5'-21' LENGTHS)	4" SCH 40 (.237") ASTM A53 GRADE A PIPE (TYP. 21' LENGTHS)	6" SCH 40 (.280") ASTM A53 GRADE A PIPE (TYP. 21' LENGTHS)	8" SCH 40 (.322") ASTM A53 GRADE A PIPE (TYP. 21' LENGTHS)
COUPLING SLEEVE	1.5" SCH 80 (.200") x 10" ASTM A53 GRADE A PIPE (COUPLING SLEEVE)	2.5" SCH 40 (.203") x 12" ASTM A53 GRADE A PIPE (COUPLING SLEEVE)	3.5" SCH 40 (.226") x 14" ASTM A53 GRADE A PIPE (COUPLING SLEEVE)	6" SCH 40 (.280") x 16" A500 PIPE (COUPLING SLEEVE)	7.625"O.D. SCH 40 (.301") x 18" ASTM A53 GRADE A PIPE (COUPLING SLEEVE)
COUPLING RING	2" SCH 80 (.218") x 1.25" ASTM A53 GRADE A PIPE (COUPLING RING)	3" SCH 80 (.218") x 1.25" ASTM A53 GRADE A PIPE (COUPLING RING)	4.50" x .188" x 1.75" (A500) TUBING (COUPLING RING)	6" SCH 80 (.432") x 2" ASTM A53 GRADE A PIPE (COUPLING RING)	8" SCH 80 x 2" ASTM A53 GRADE A PIPE (COUPLING RING)

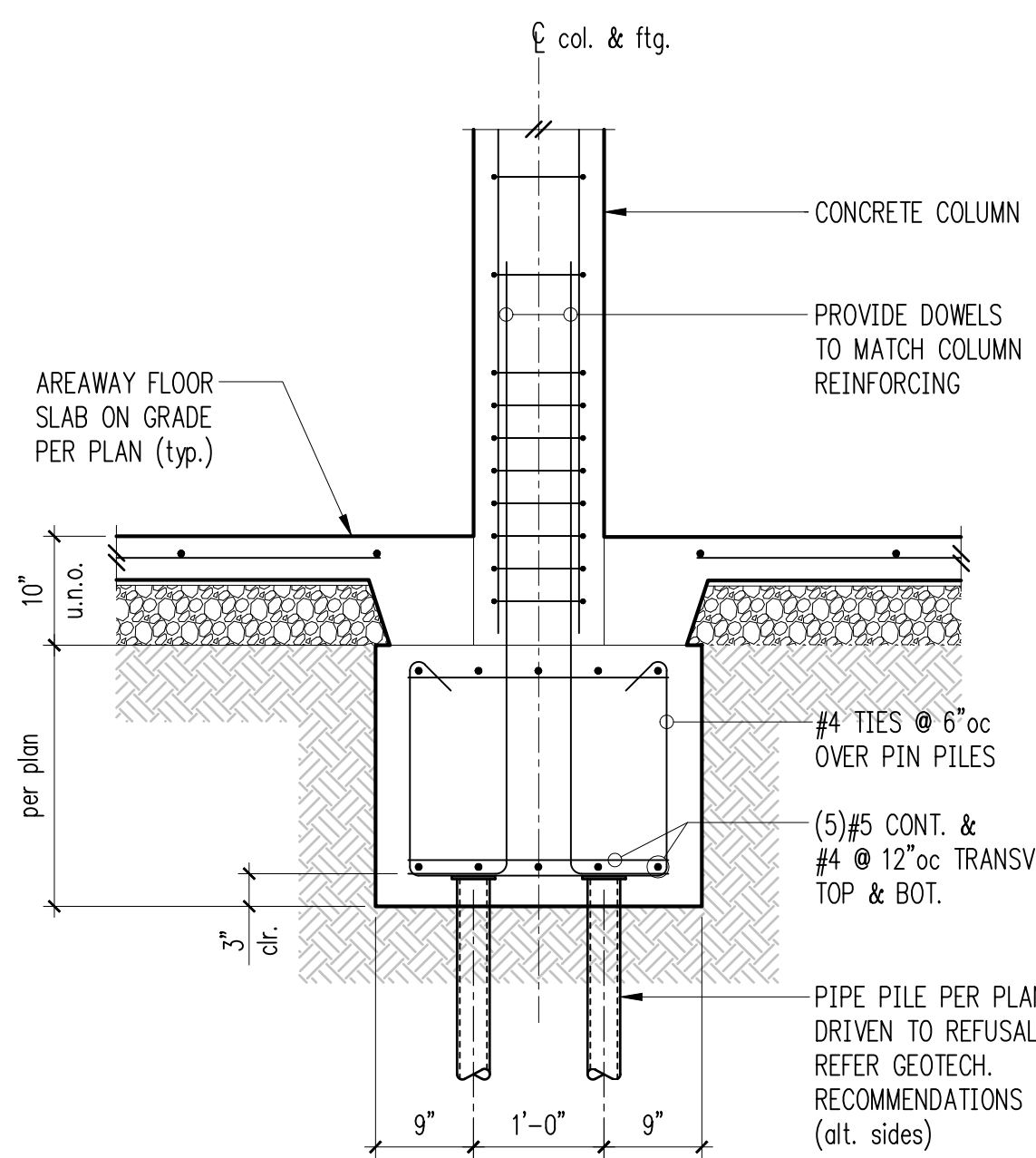
Typical Pipe Pile Assembly Schedule 2



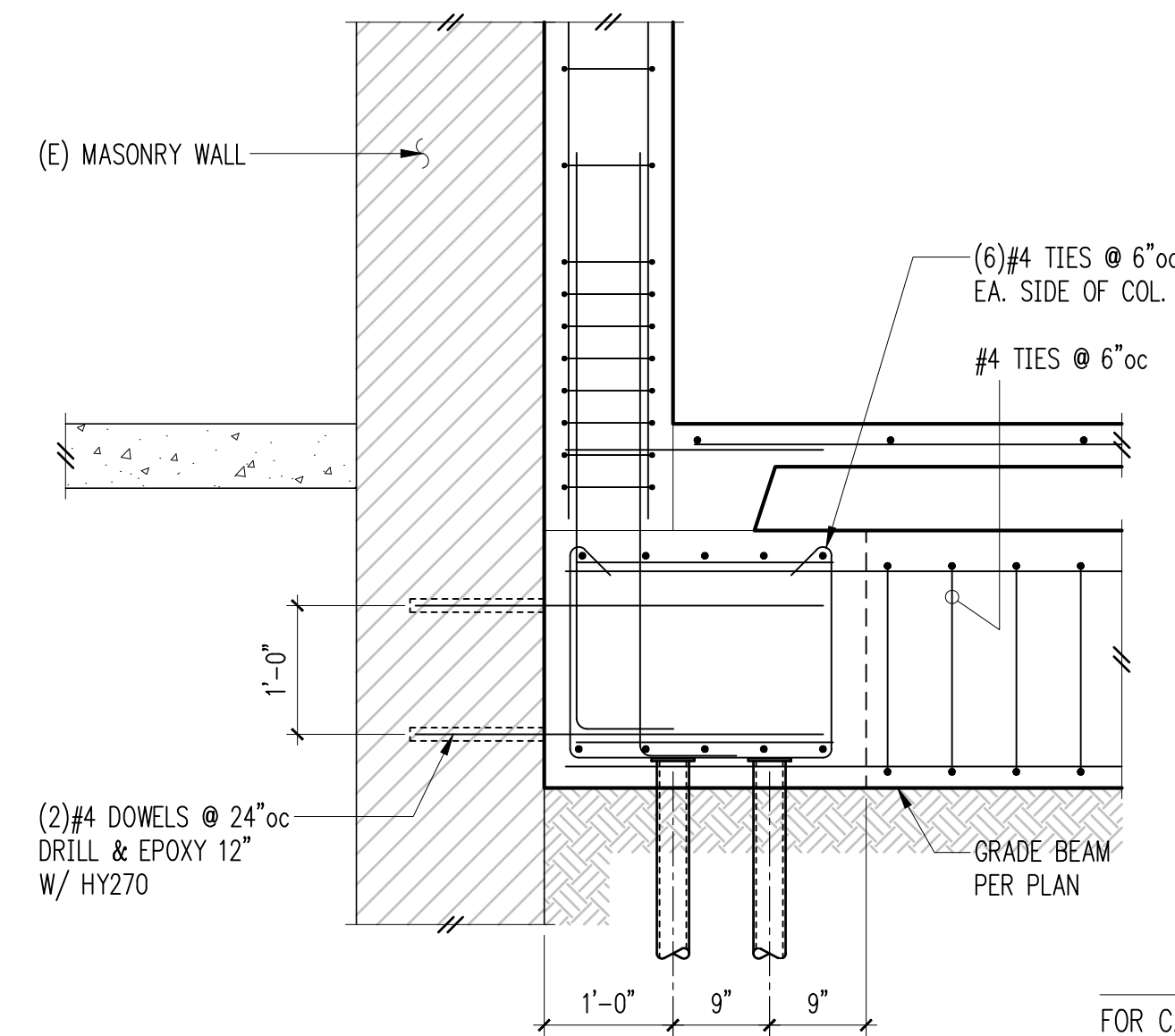
Cross Beam Detail 3



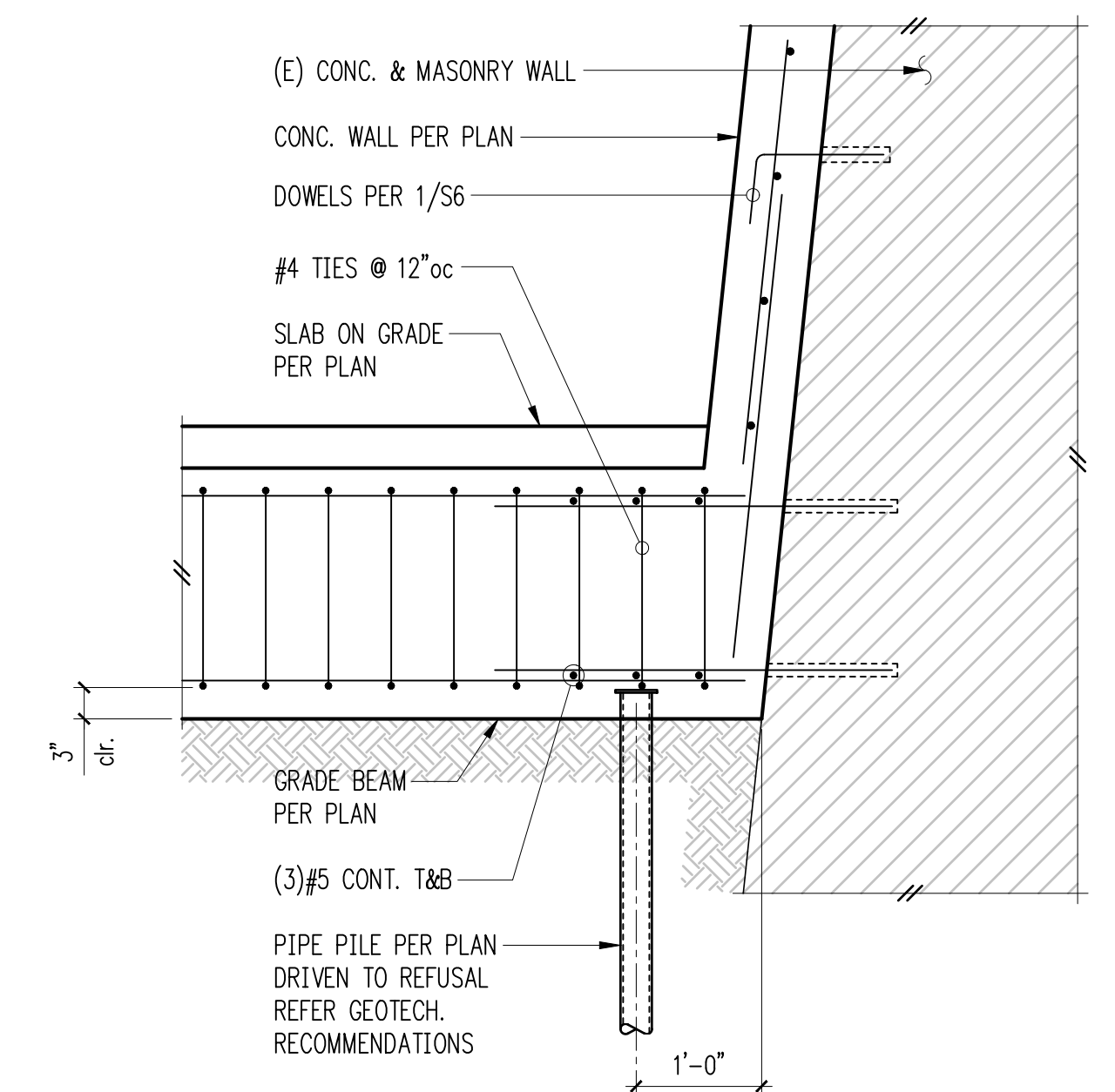
4



Concrete Column and Footing 5

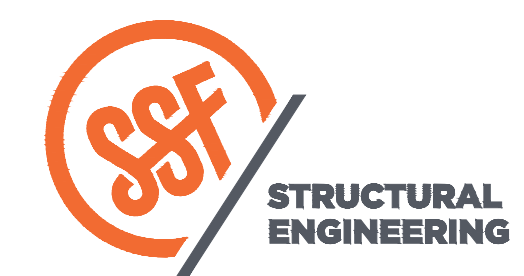
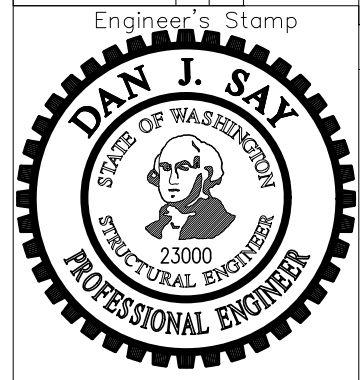


Concrete Column and Footing Along Masonry Wall 6



8

DATE	MARK	NATURE	REVISIONS
			MADE CHKD REVD



2124 Third Avenue - Suite 100 - Seattle, WA 98121
p: 206.443.6212
sfengineers.com

934 Broadway - Tacoma, WA 98402
p: 253.284.9470
sfengineers.com

Copyright 2020 Swenson Say Fagot - All Rights Reserved

REVIEWED BY	SPU/WATER ENGINEERING	NAME OR INITIALS AND DATE	INITIALS AND DATE
DESIGNED	20.....	MJS	REVIEWED:
CHECKED			
REVIEWED BY	SPU/DRAINAGE	EVW	PROJECT MANAGER
DRAWN	20.....		
CHECKED			
APPROVED BY	SDOT STREET IMPROVEMENT PERMITTING	07.02.01	REVISED AS-BUILT.....
	20.....		

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

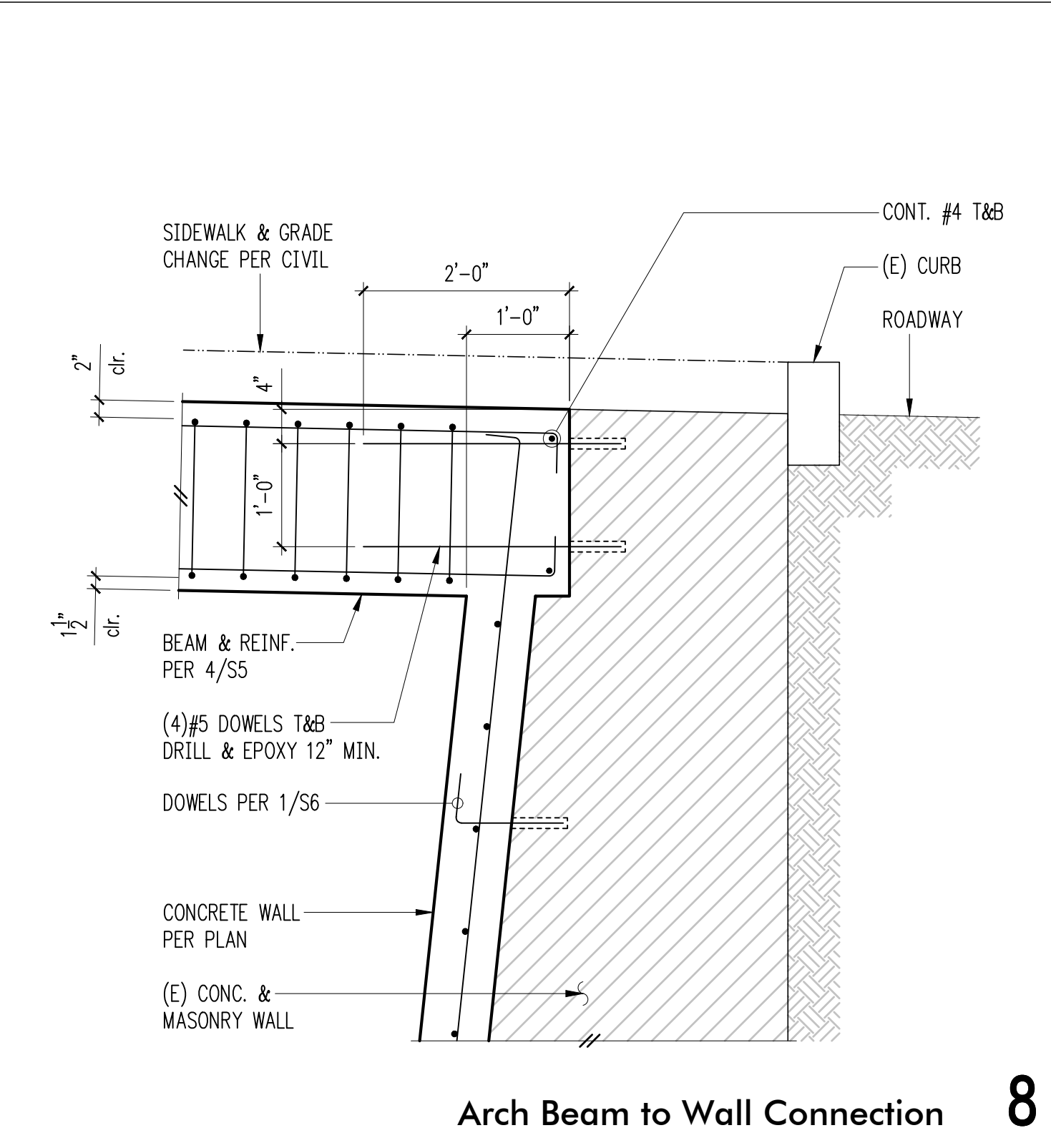
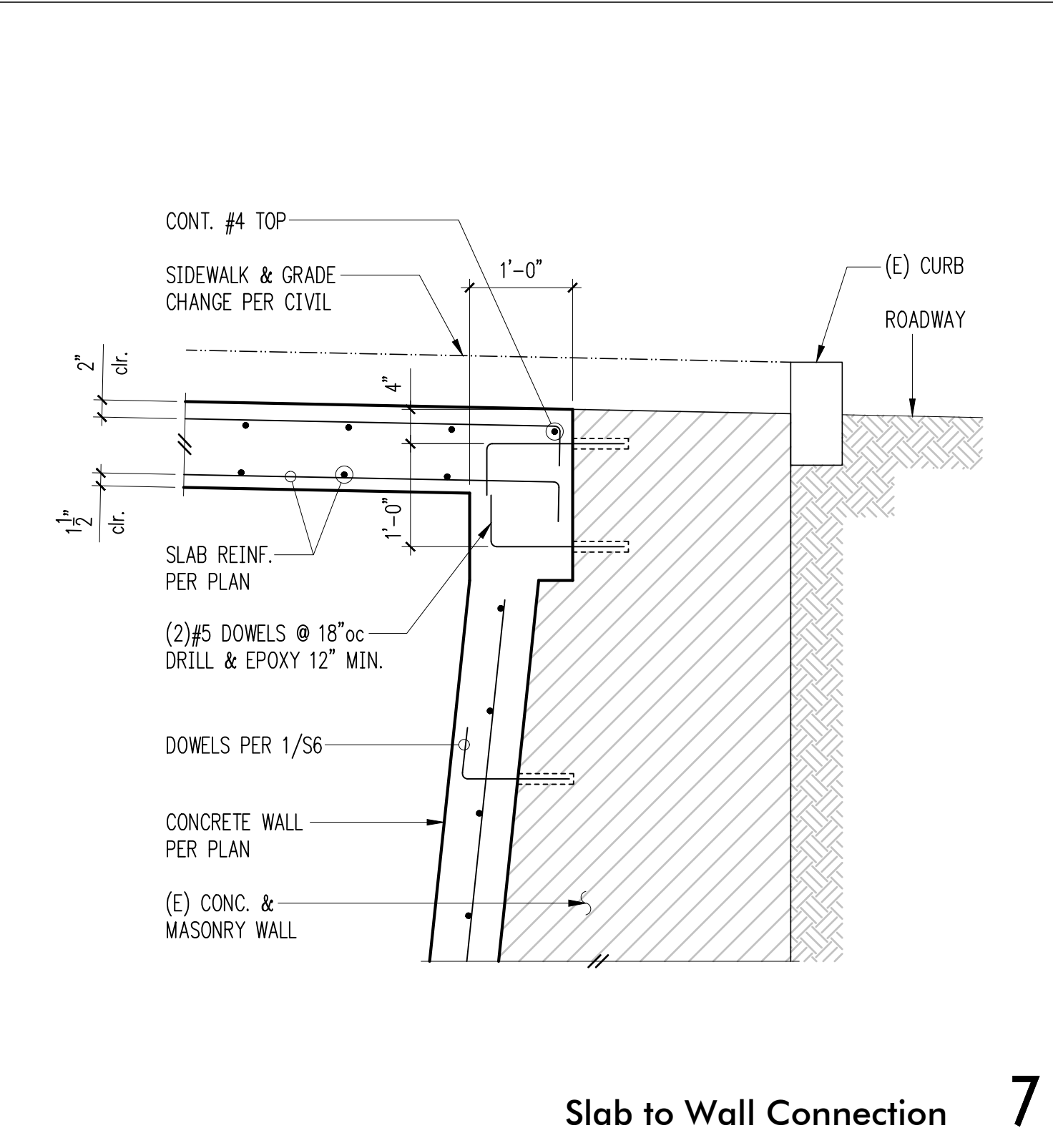
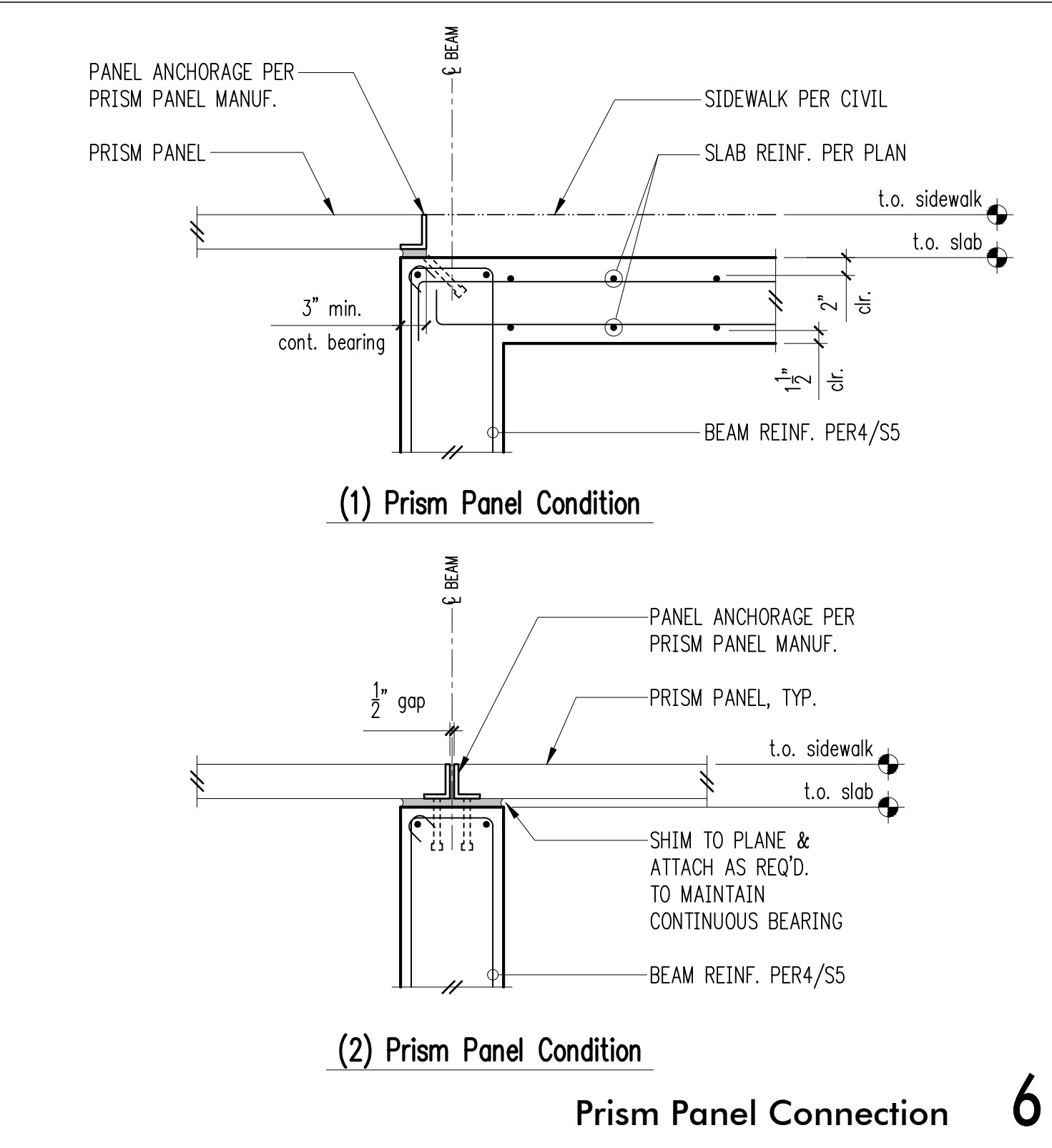
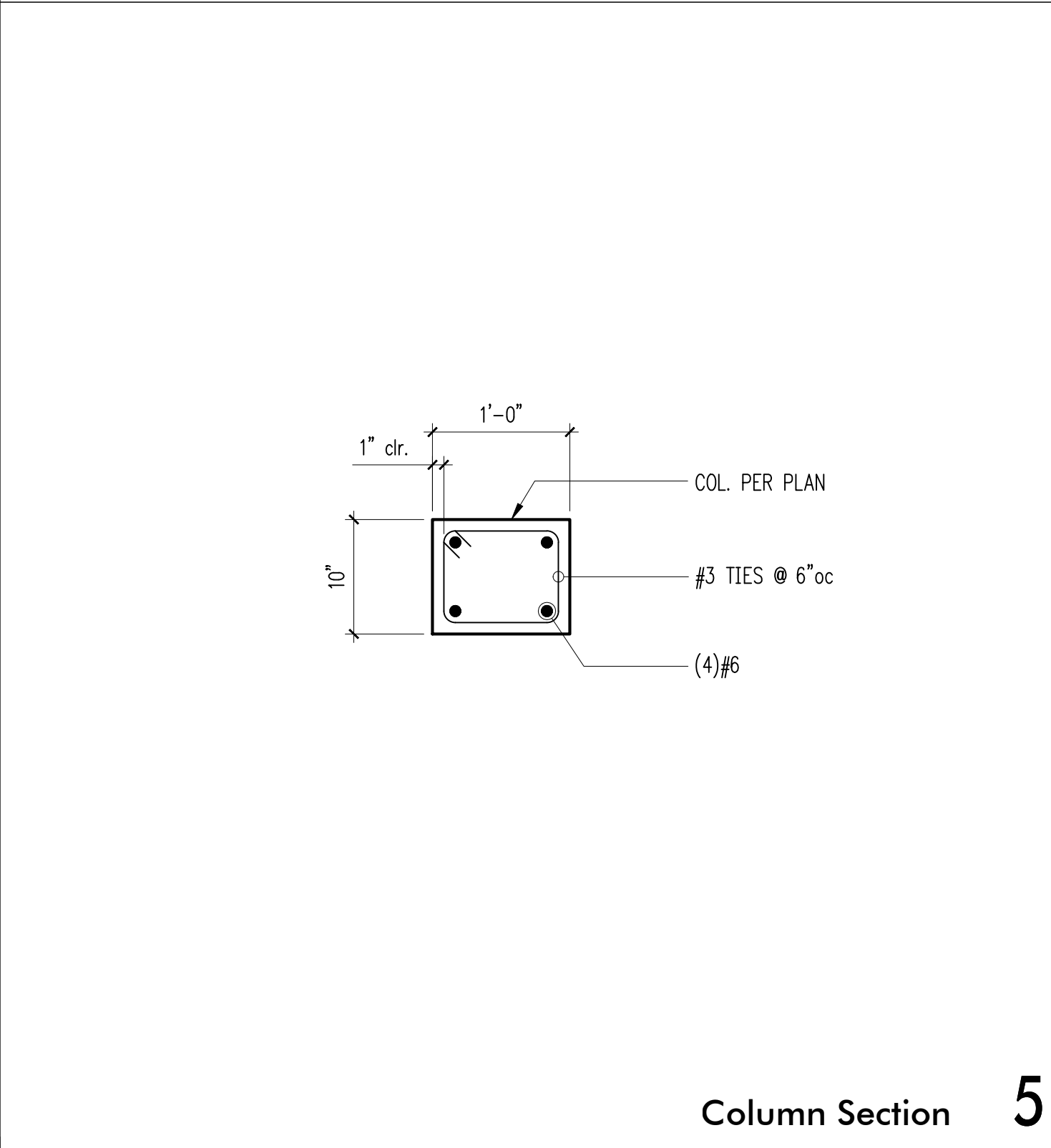
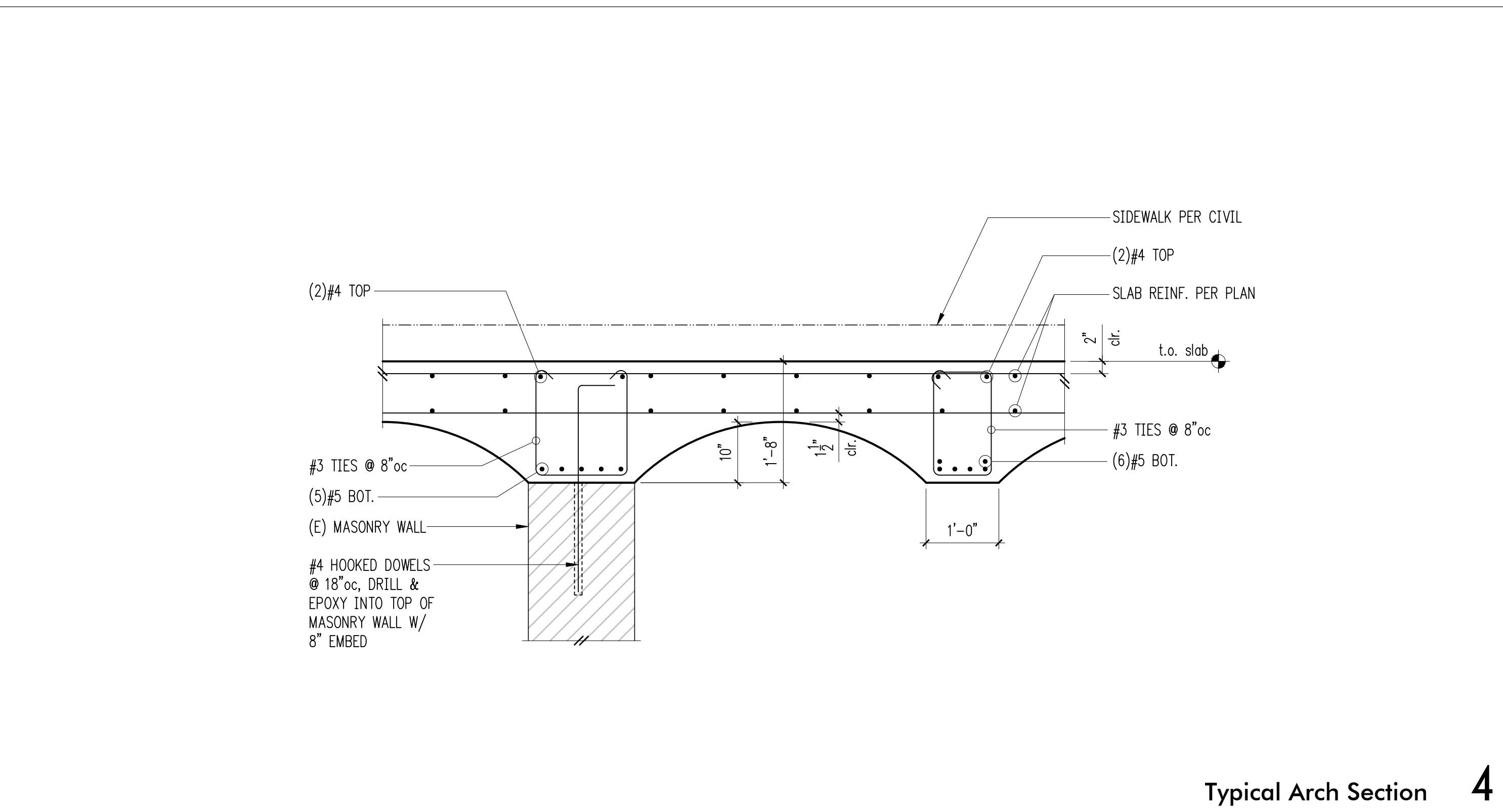
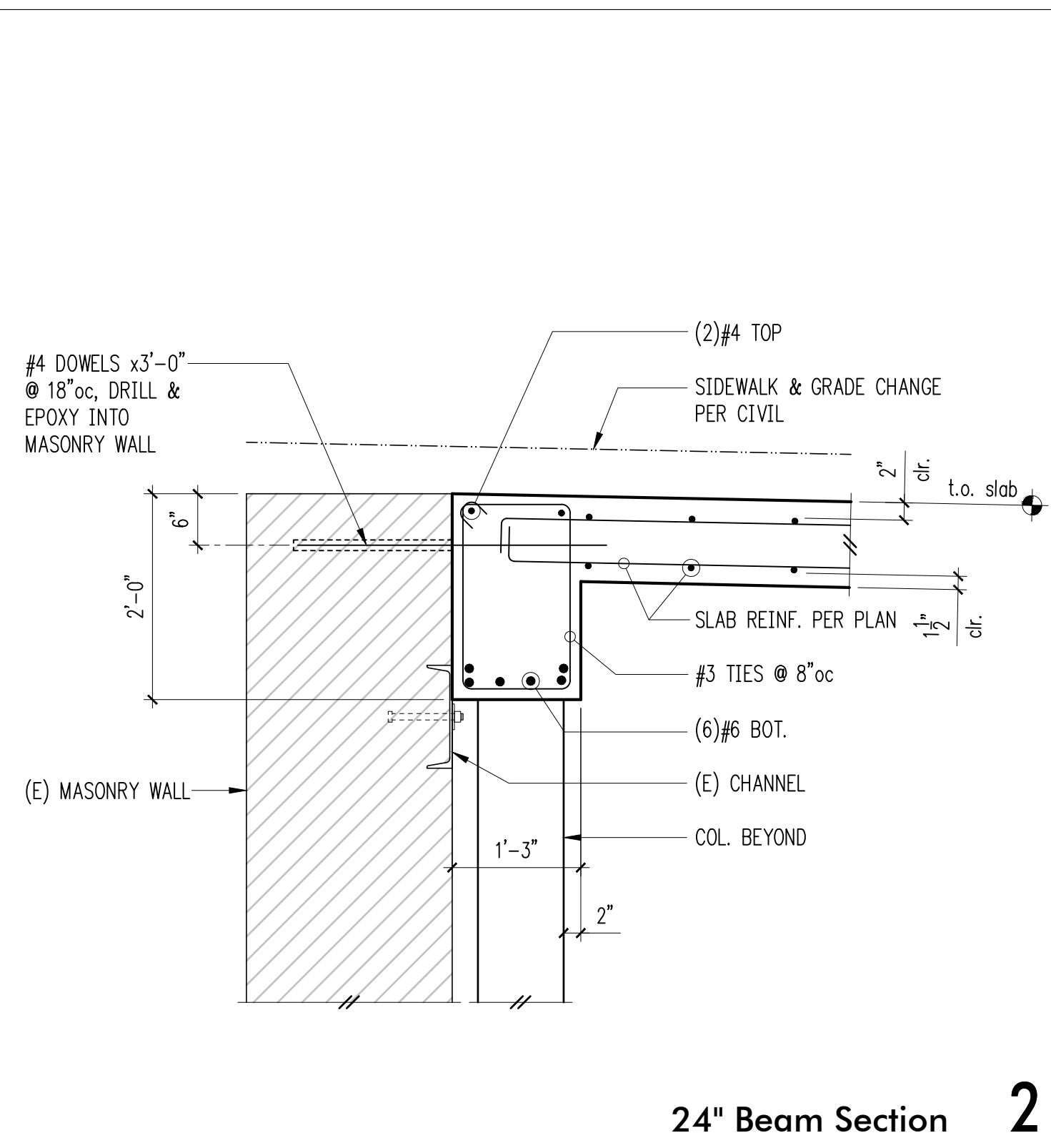
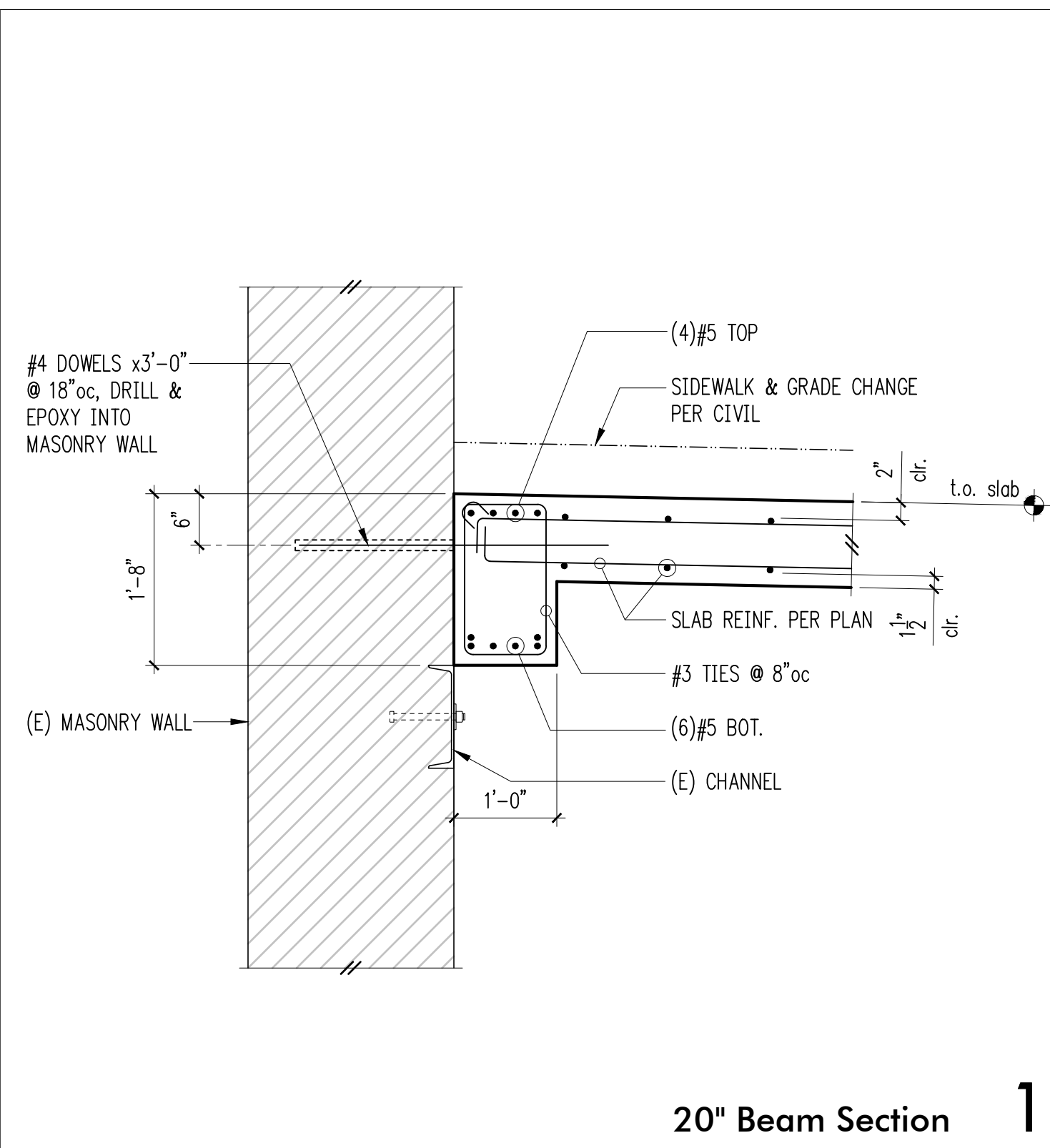


METROPOLE BUILDING
DPD PROJECT # 6508387-CN

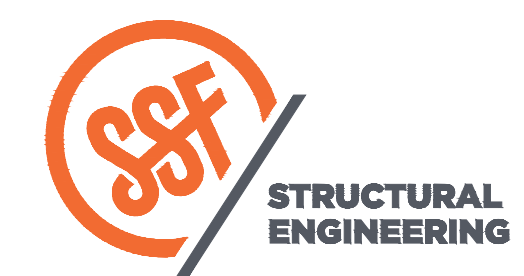
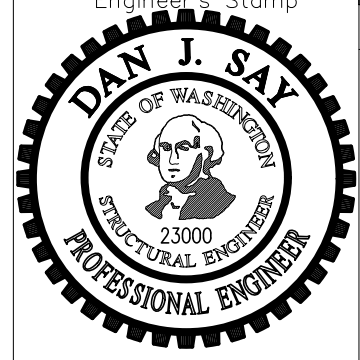
423 2ND AVE S EXT
S4 - AREAWAY FOUNDATION DETAILS

SDOT PROJECT NO.	421941
VAULT PLAN NO.	
VAULT SERIAL NO.	
SHEET	9 OF 17

Street Improvement Plan



DATE	MARK	NATURE	REVISIONS
			MADE CHKD. REVD



2124 Third Avenue - Suite 100 - Seattle, WA 98121
 p: 206.443.6212
 sfengineers.com

934 Broadway - Tacoma, WA 98402
 p: 253.284.9470
 sfengineers.com

Copyright 2020 Swenson Say Fagot - All Rights Reserved

REVIEWED BY	SPU/WATER ENGINEERING	NAME OR INITIALS AND DATE	INITIALS AND DATE
	20.....	DESIGNED MJS	REVIEWED:
	REVIEWED BY SPU/DRAINAGE	CHECKED	PROJECT MANAGER
	20.....	DRAWN EWV	
	APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	DESIGN REVIEW 07.02.01	REVISED AS-BUILT.....
	20.....	All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.	

City of Seattle
Seattle Department of Transportation

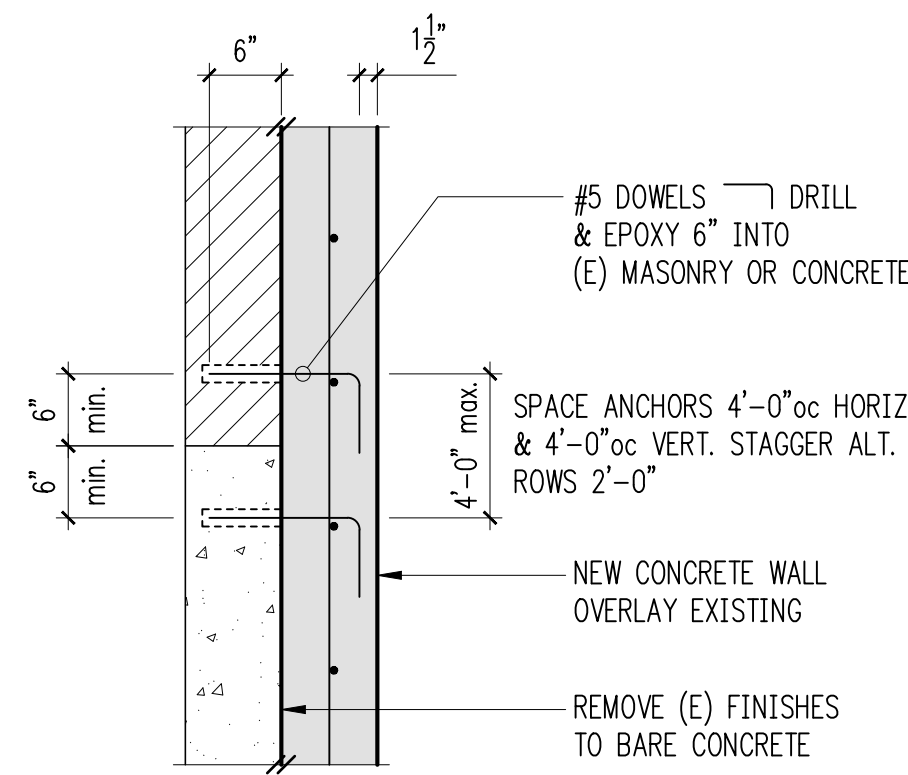
SCALE: H. V. INSPECTOR'S BOOK

METROPOLE BUILDING
 DPD PROJECT # 6508387-CN

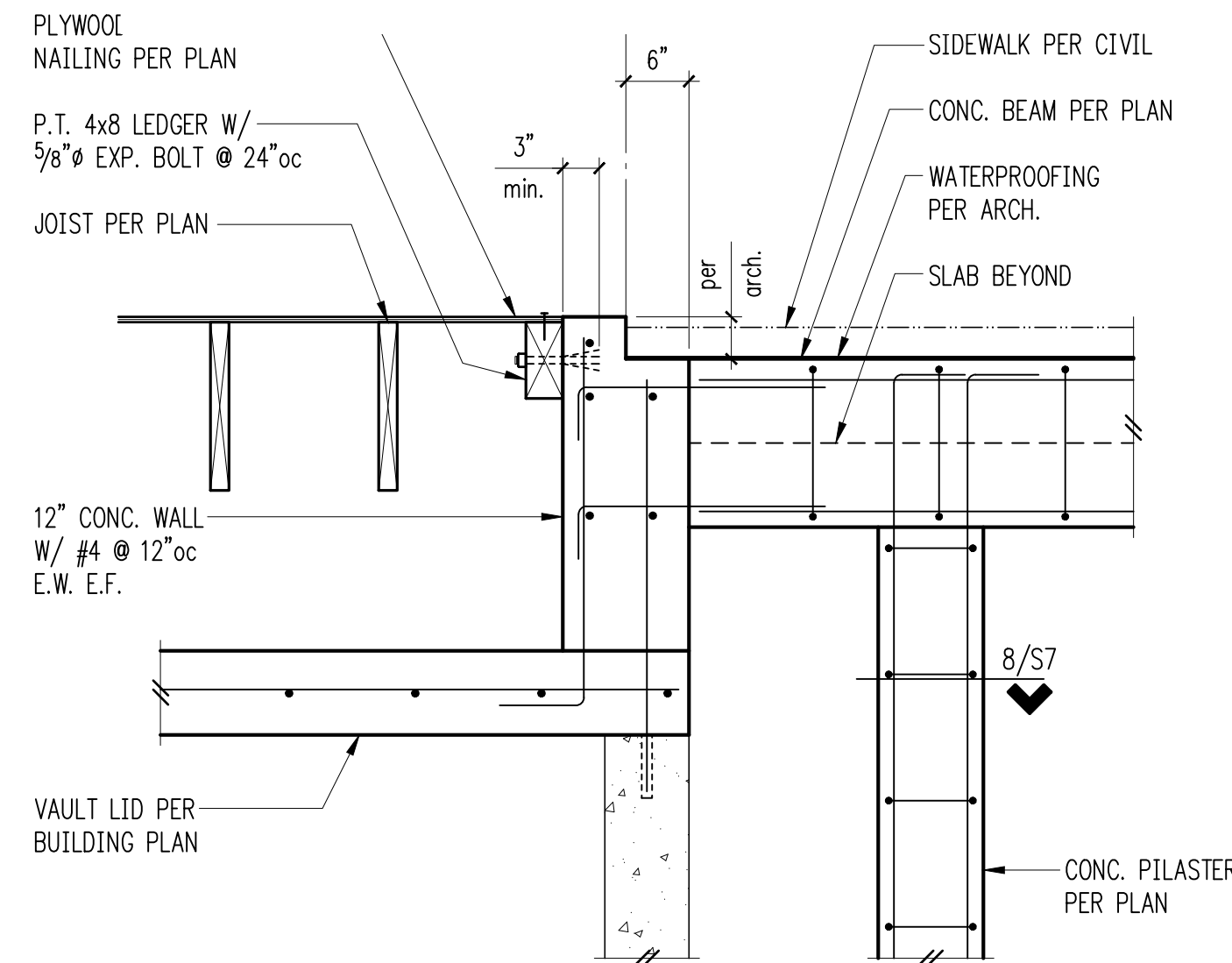
423 2ND AVE S EXT
S5 - AREAWAY SLAB DETAILS

SDOT PROJECT NO. 421941
 VAULT PLAN NO.
 VAULT SERIAL NO.
 SHEET 10 OF 17

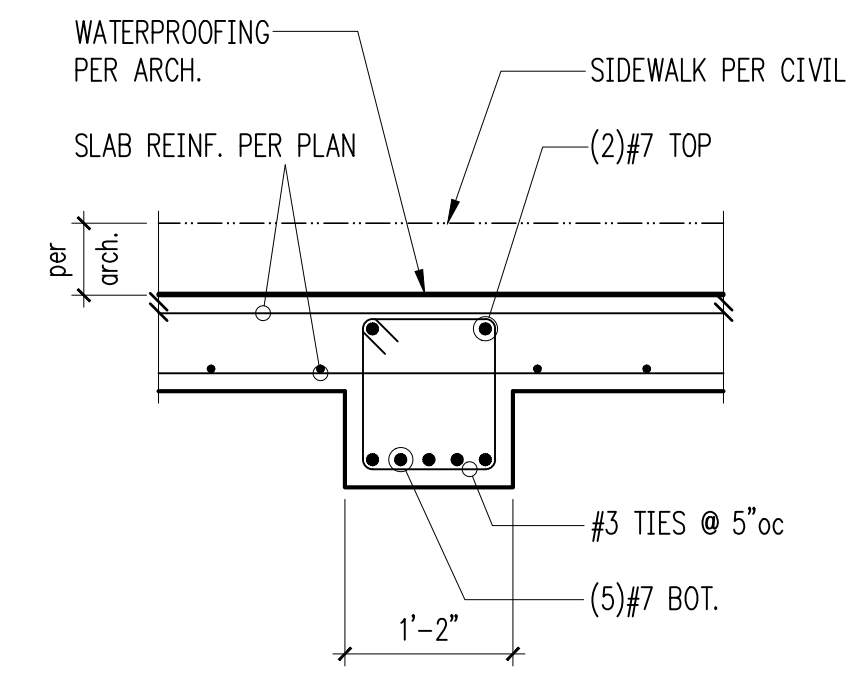
Street Improvement Plan



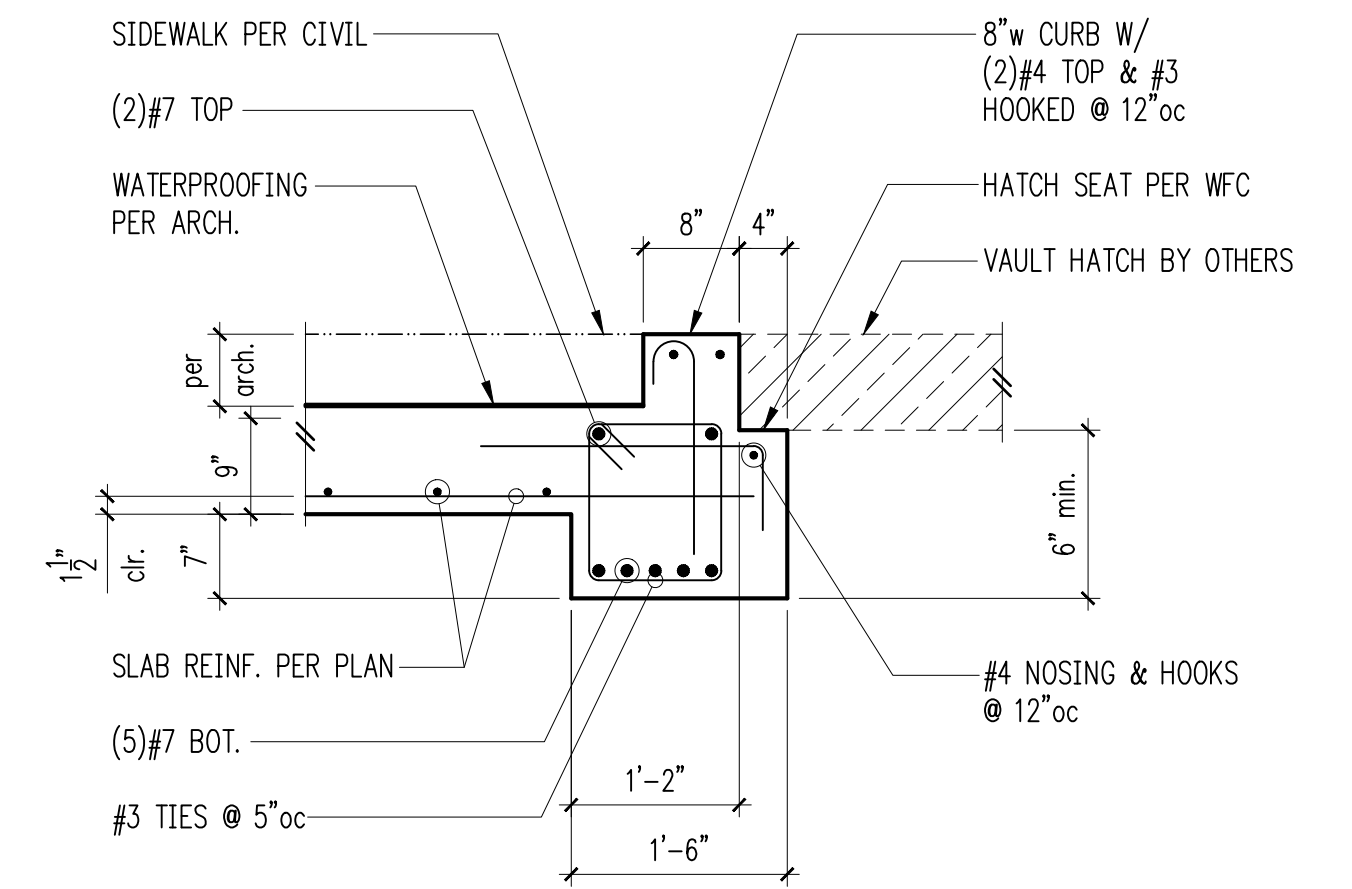
1 New Concrete Overlay on Existing Masonry of Concrete Wall



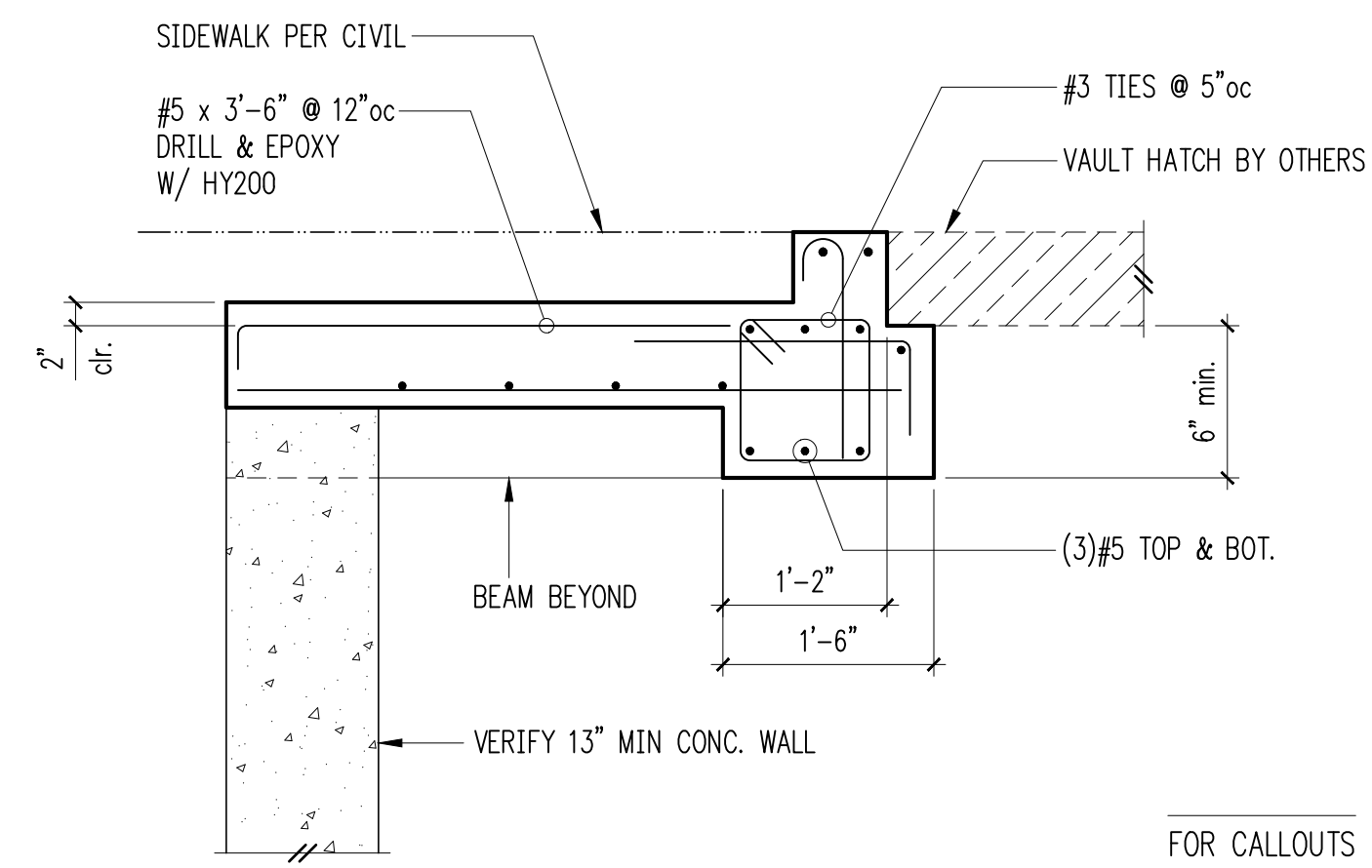
2 Areaway Column Top Elevation



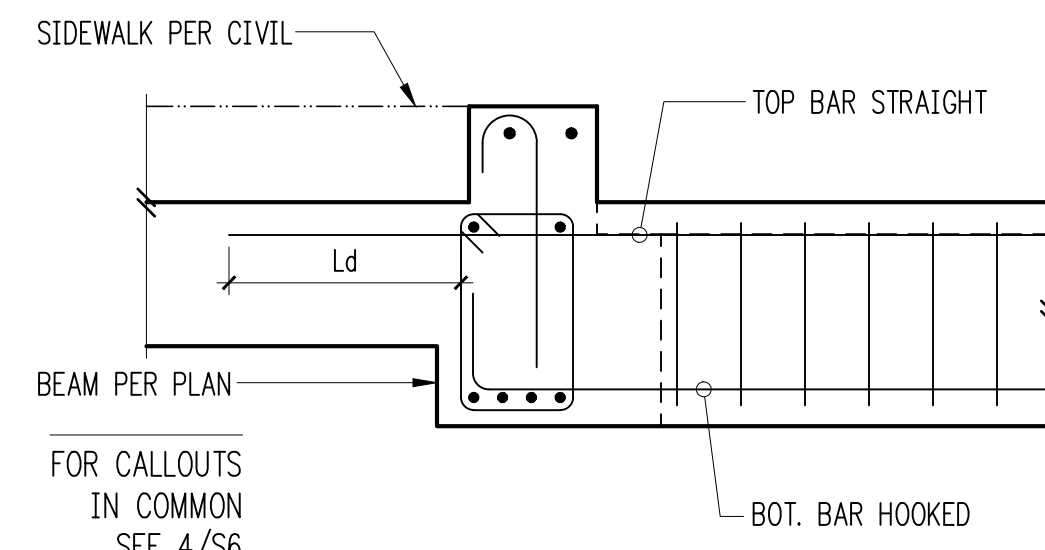
3 Areaway Beam



4 14x16 Vault Hatch Beam

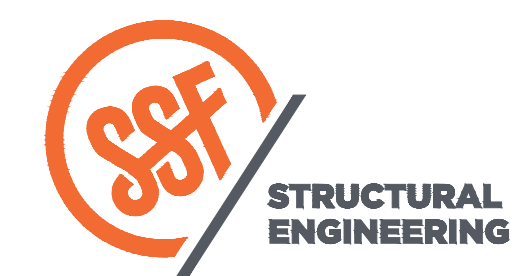
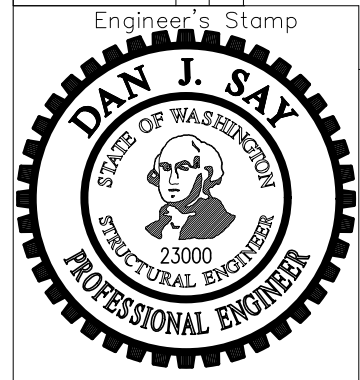


5 14x16 Vault Hatch Beam



9

DATE	MARK	NATURE	REVISIONS
			MADE CHKD. REVD



2124 Third Avenue - Suite 100 - Seattle, WA 98121
 p: 206.443.6212
 sfengineers.com

934 Broadway - Tacoma, WA 98402
 p: 253.284.9470
 sfengineers.com

Copyright 2020 Swenson Say Fagot - All Rights Reserved

REVIEWED BY	SPU/WATER ENGINEERING	NAME OR INITIALS AND DATE	INITIALS AND DATE
DESIGNED	MJS
CHECKED
DRAWN	EWV
CHECKED
DESIGN REVIEW	07.02.01
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING

FOR CALLOUTS IN COMMON SEE 4/S6

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.



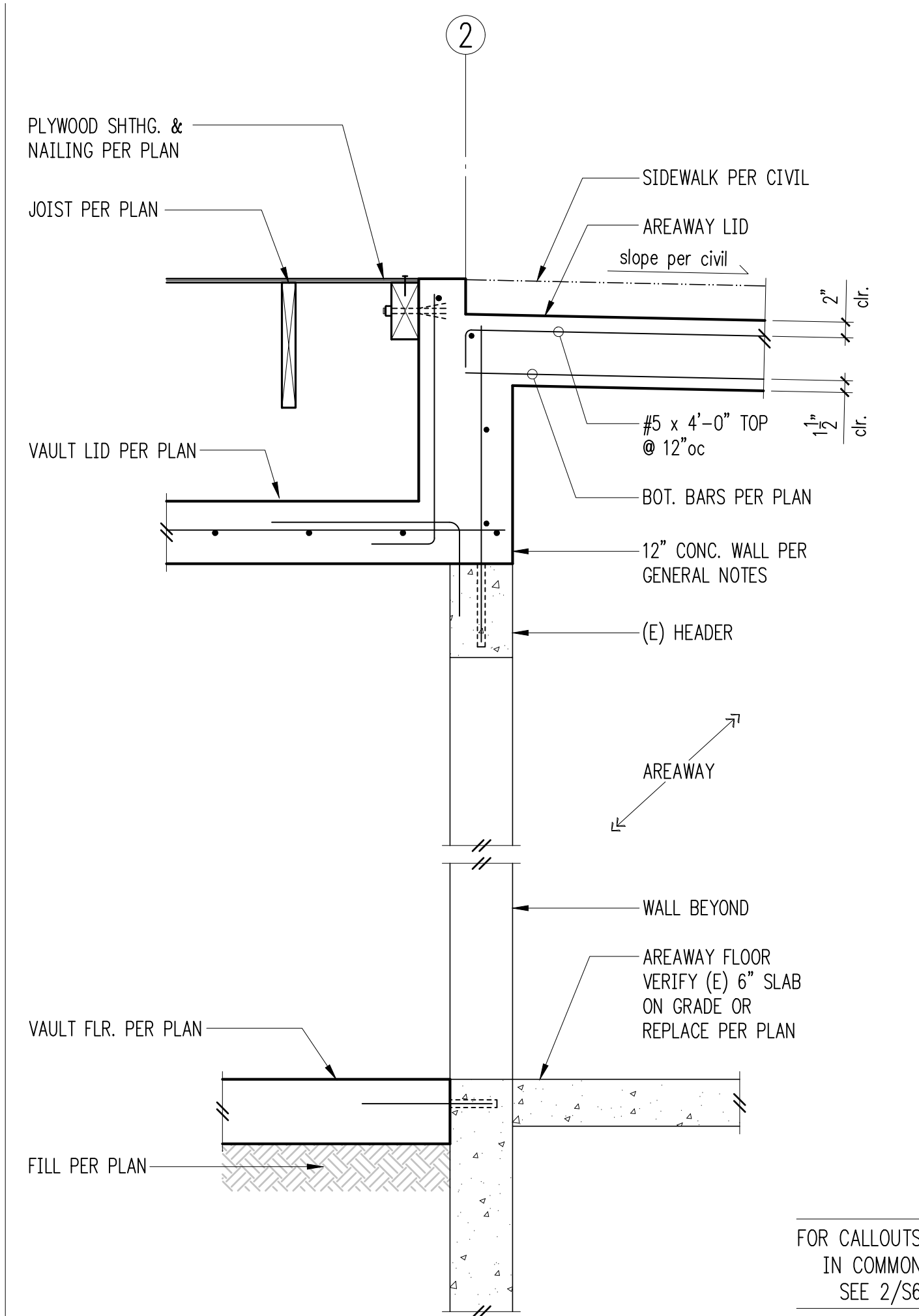
METROPOLE BUILDING
 DPD PROJECT # 6508387-CN

423 2ND AVE S EXT
 S6 - AREAWAY SLAB DETAILS

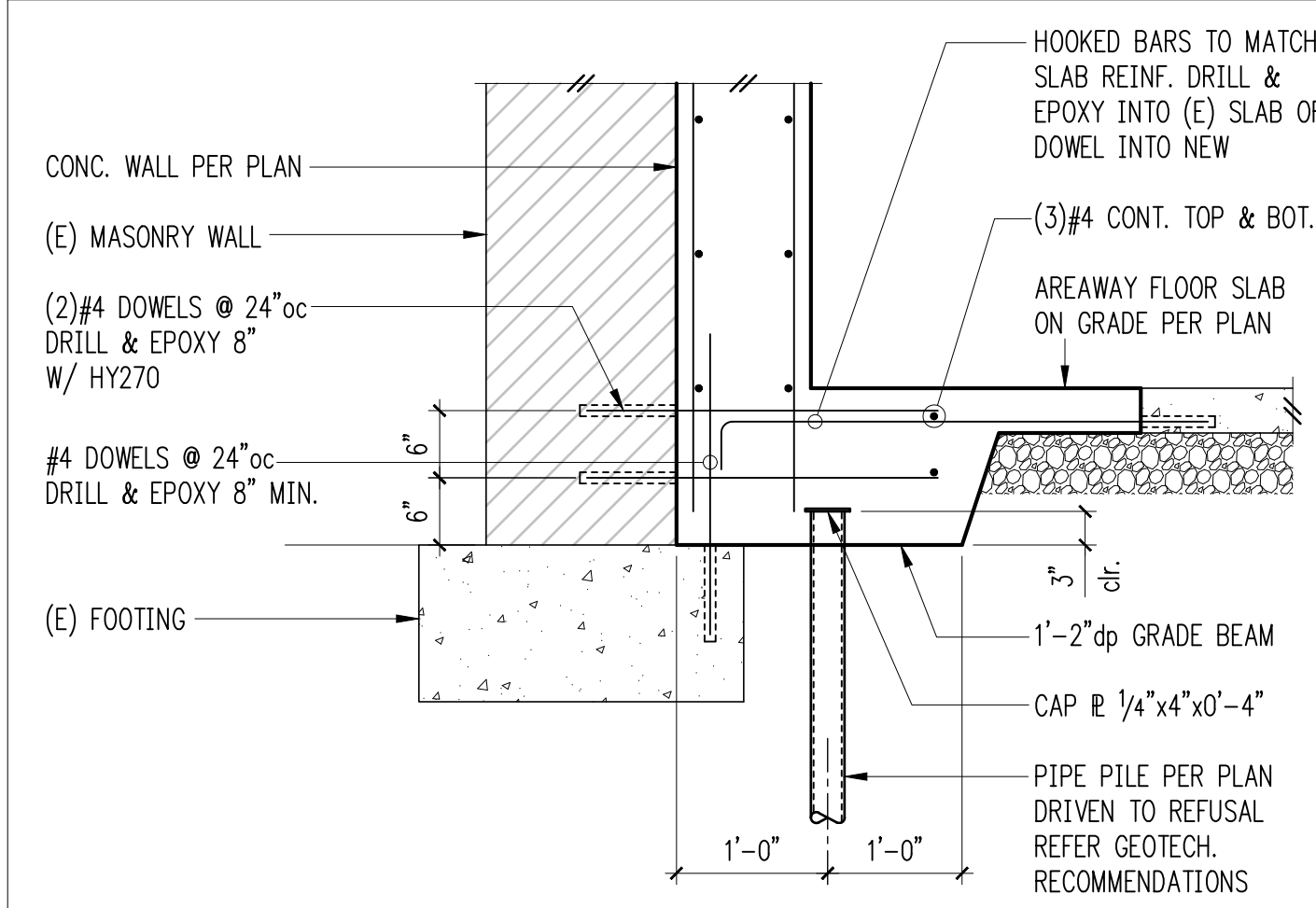
SDOT PROJECT NO.	421941
VAULT PLAN NO.	
VAULT SERIAL NO.	
SHEET	11 OF 17

SCALE: H. V. INSPECTOR'S BOOK

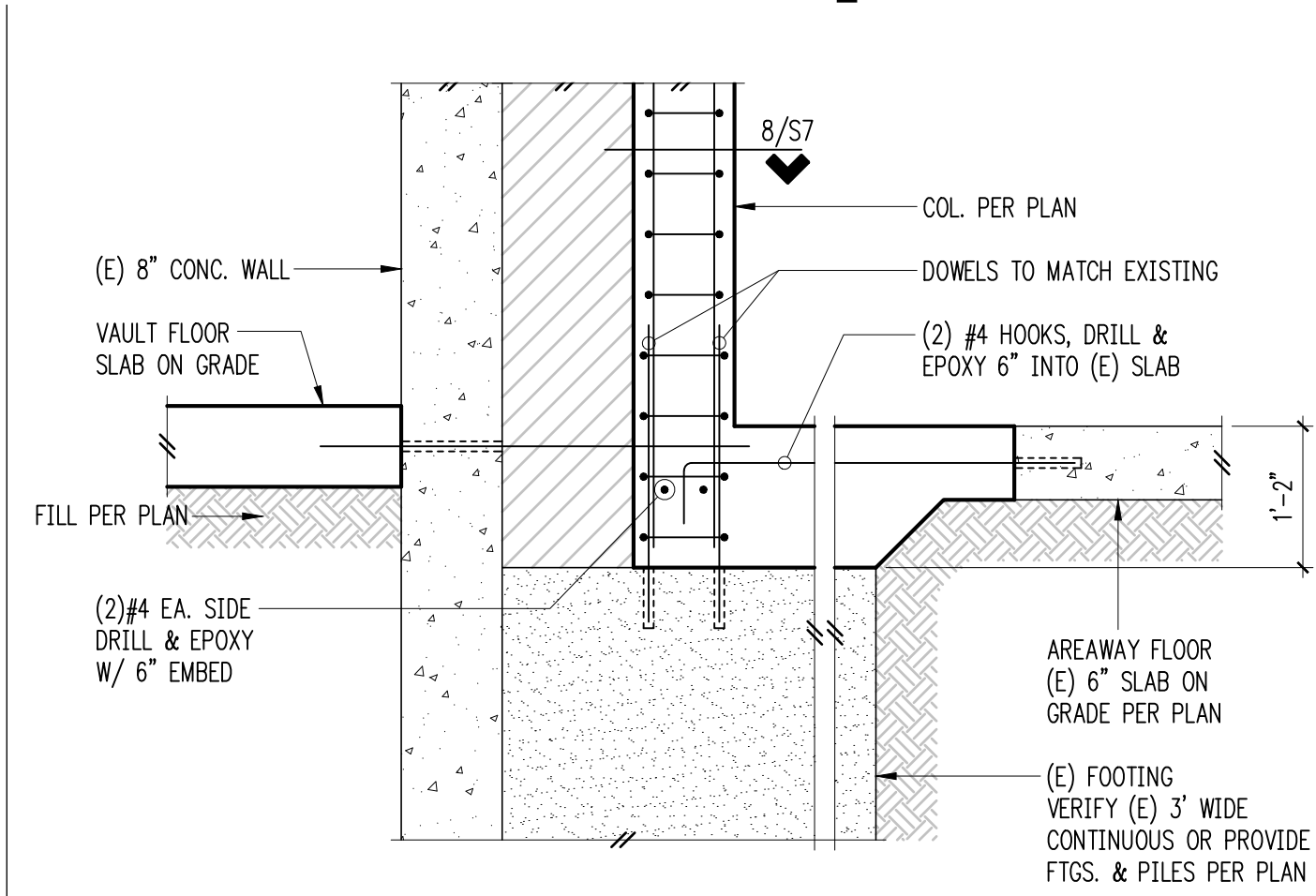
Street Improvement Plan



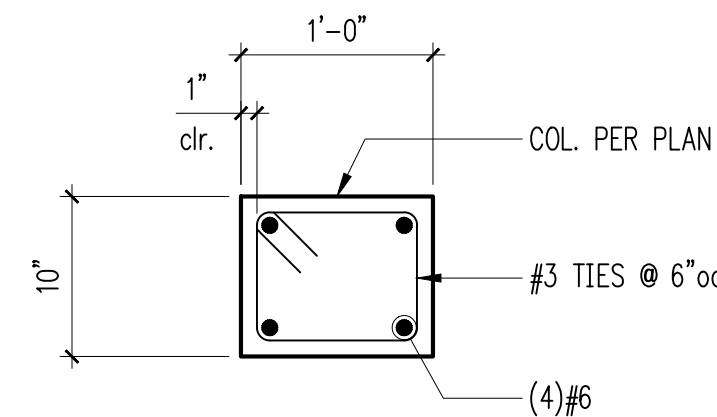
Vault Front Section 6



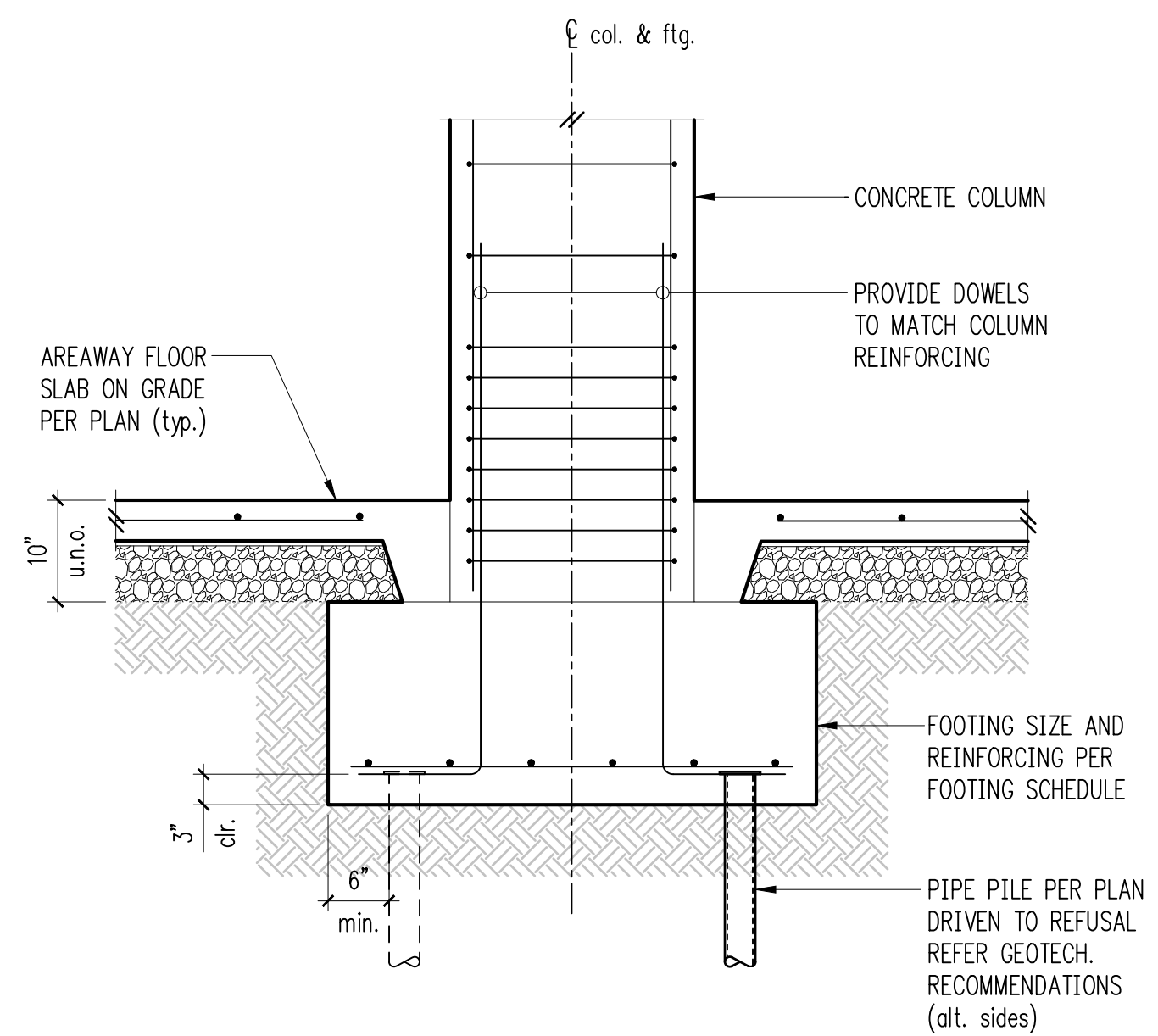
Vault Edge Wall 11



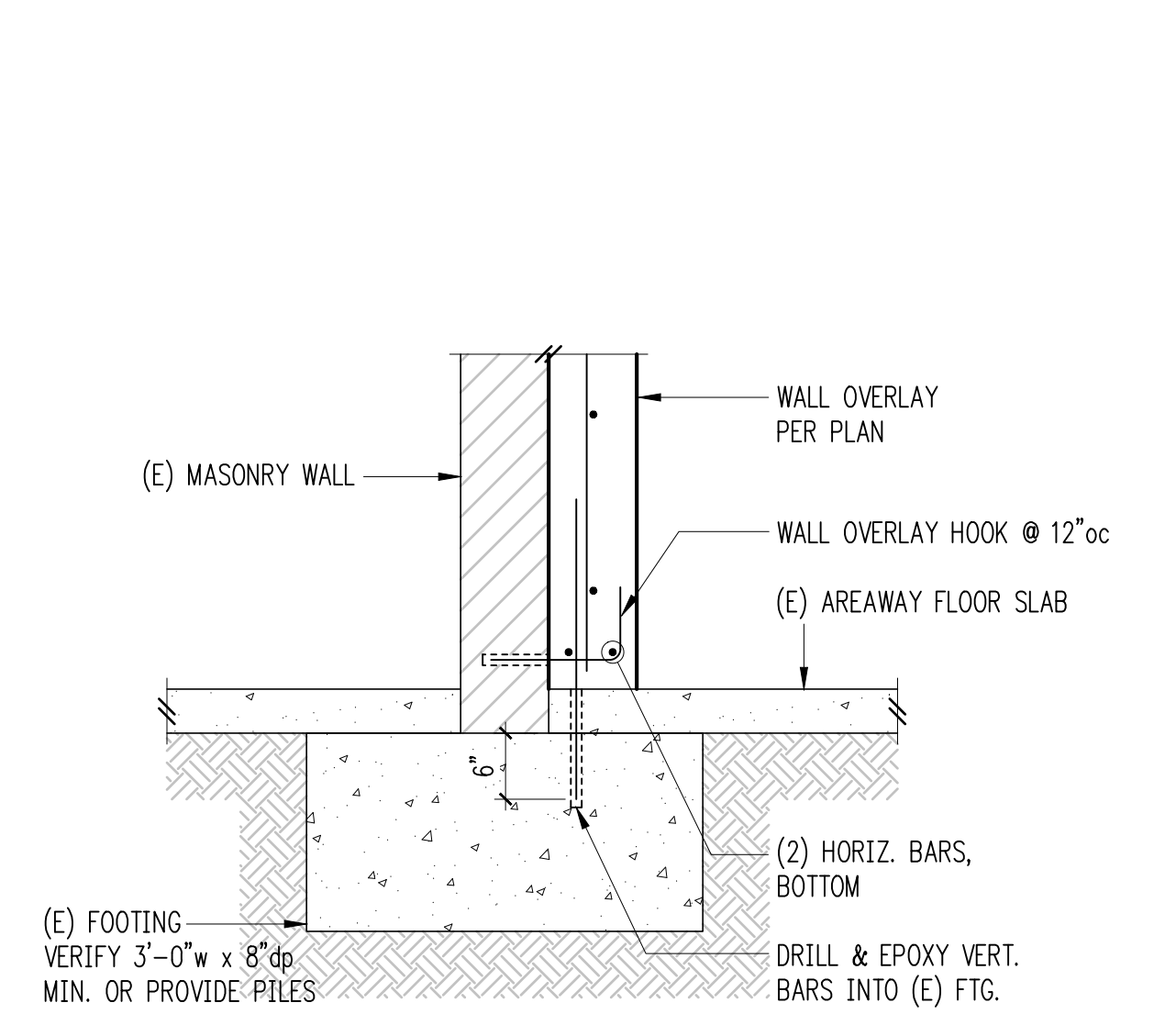
Areaway Column Bottom Elevation 7



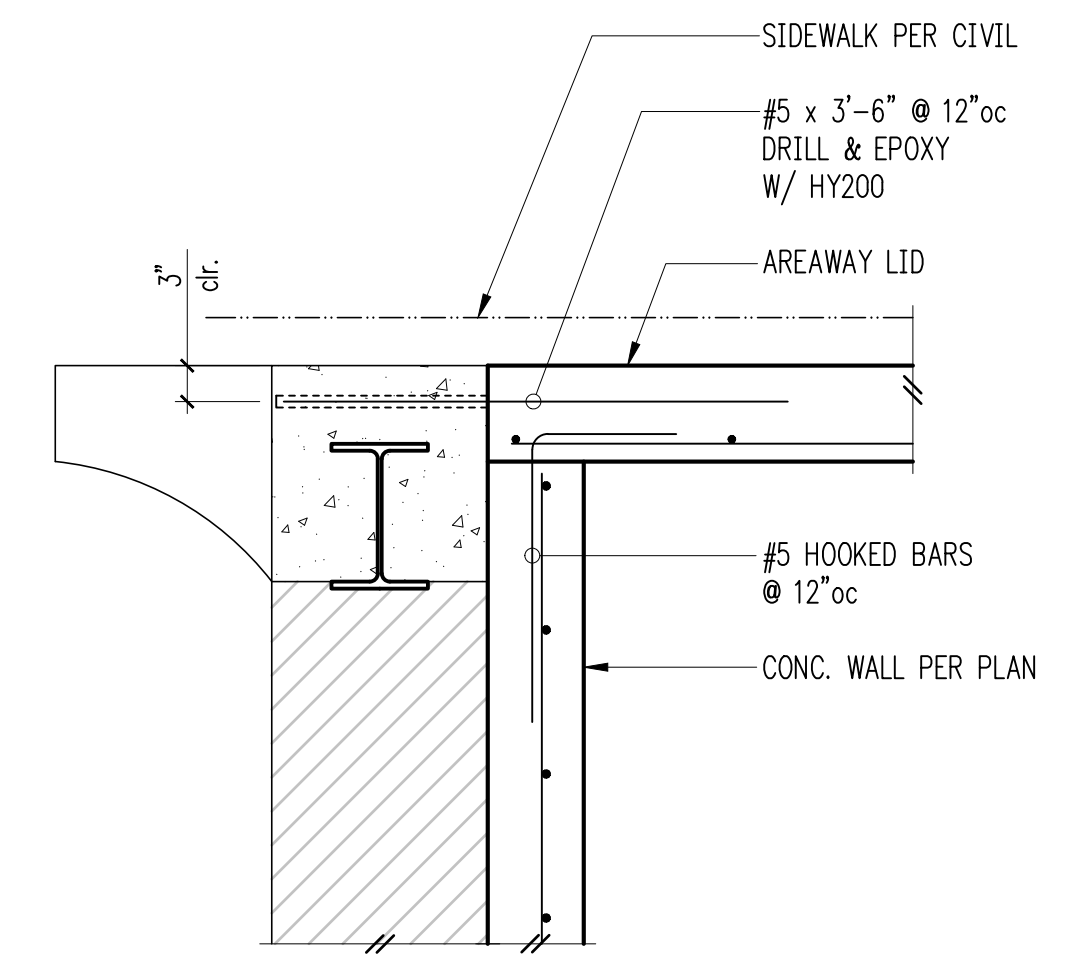
Areaway Column 8



Typical Concrete Column and Footing 12

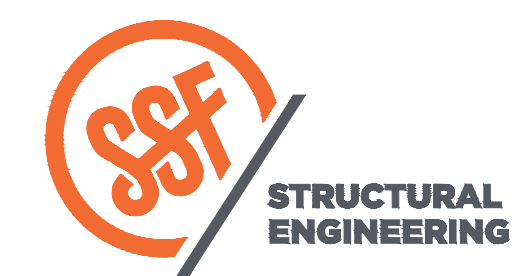
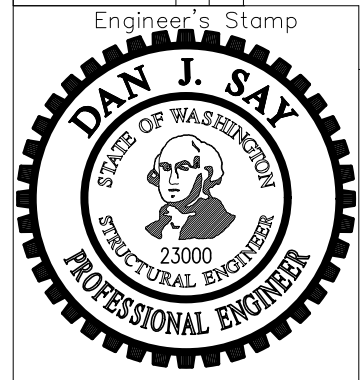


Concrete Overlay to Existing Footing 13



North Areaway Wall - Grid D 14

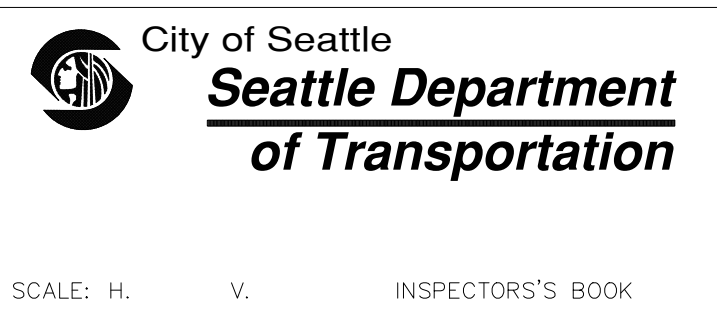
DATE	MARK	NATURE	REVISIONS
		MADE CHKD	REV'D



2124 Third Avenue - Suite 100 - Seattle, WA 98121
 p: 206.443.6212 sfengineers.com
 934 Broadway - Tacoma, WA 98402
 p: 253.284.9470 sfengineers.com
 Copyright 2020 Swenson Say Fagot - All Rights Reserved

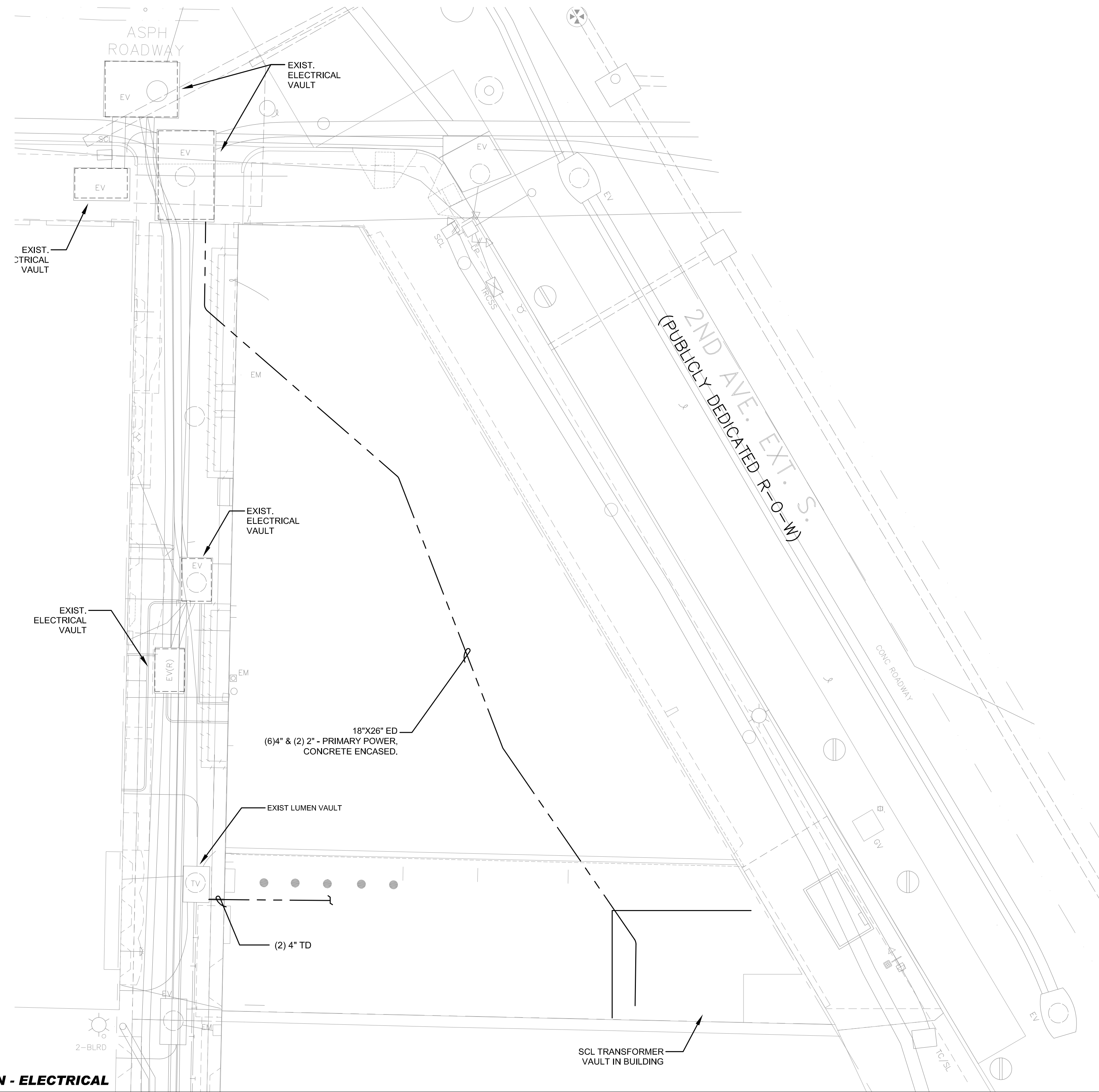
REVIEWED BY	SPU/WATER ENGINEERING	NAME OR INITIALS AND DATE	INITIALS AND DATE
DESIGNED	20.....	MJS	REVIEWED:
CHECKED			
REVIEWED BY	SPU/DRAINAGE	EVW	PROJECT MANAGER
DRAWN	20.....		
CHECKED			
APPROVED BY	SDOT STREET IMPROVEMENT PERMITTING	07.02.01	REVISED AS-BUILT.....
	20.....		

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.



METROPOLE BUILDING
 DPD PROJECT # 6508387-CN
 423 2ND AVE S EXT
 S7 - AREAWAY FOUNDATION DETAILS
 SDOT PROJECT NO. 421941
 VAULT PLAN NO.
 VAULT SERIAL NO.
 SHEET 12 OF 17

Street Improvement Plan

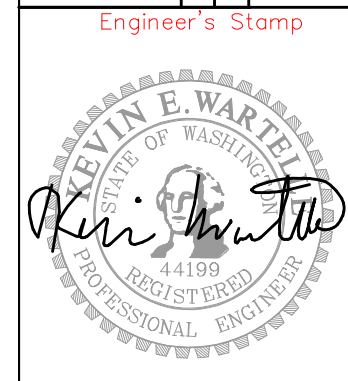


SHEET NOTES:

1. SEE CIVIL SITE PLAN FOR EXACT SEATTLE CITY LIGHT PRIMARY ROUTING
2. ALLOW FOR (1) 4" FROM COMM ROOM TO CENTURY LINK VAULT AND (1) 4" FROM COMM ROOM TO COMCAST VAULT. COORDINATE WITH CENTURY LINK AND COMCAST. SEE FLOOR PLANS FOR COMM ROOM LOCATION

1 SITE PLAN - ELECTRICAL
SCALE: 1" = 10'-0"

DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D



REVIEWED BY SPU/WATER ENGINEERING	NAME OR INITIALS AND DATE	INITIALS AND DATE
..... 20.....	DESIGNED XXX	REVIEWED:
REVIEWED BY SPU/DRAINAGE	CHECKED	PROJECT MANAGER
..... 20.....	DRAWN XXX	
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	DESIGN REVIEW XX.XX.XX	REVISED AS-BUILT.....
..... 20.....	All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.	

City of Seattle
Seattle Department of Transportation

ORDINANCE NO. _____ APPROVED _____

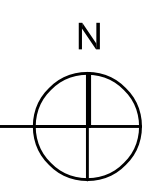
SCALE: _____ INSPECTOR'S BOOK _____

METROPOLE BUILDING
DPD PROJECT # 6508387-CN

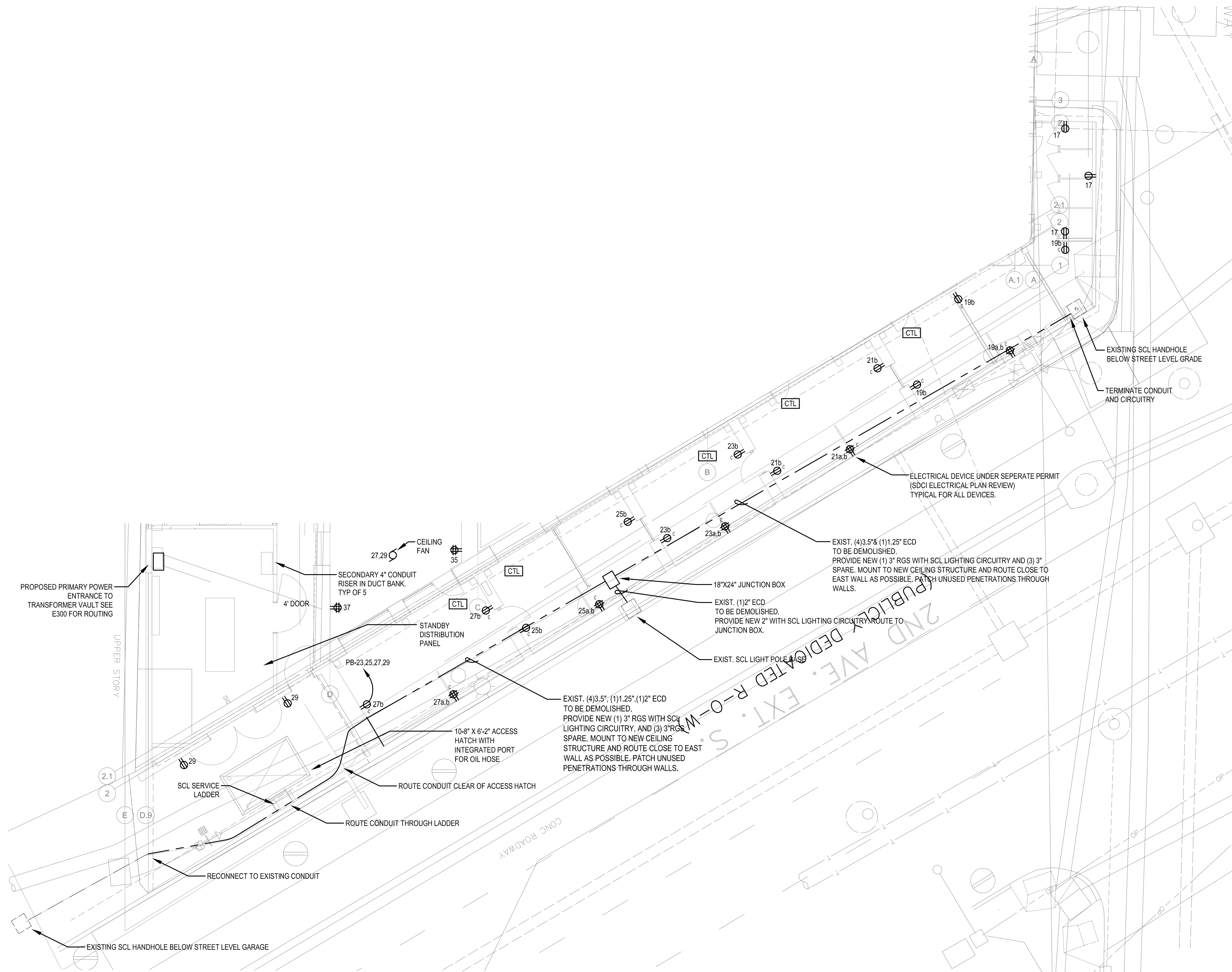
423 2ND AVE S EXT

SITE PLAN - ELECTRICAL

SDOT PROJECT NO. 421941
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 13 OF 17

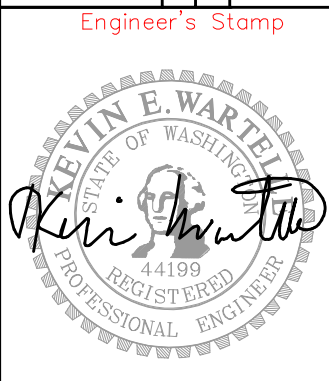


Street Improvement Plan



DATE	MARK	NATURE	REVISIONS
			MADE CHKD REVD

1 **E301** **BASEMENT FLOOR PLAN - POWER**
SCALE: 1/8" = 1'-0"



REVIEWED BY SPU/WATER ENGINEERING	DESIGNED	NAME OR INITIALS AND DATE	INITIALS AND DATE
20.....	XXX		REVIEWED:
REVIEWED BY SPU/DRAINAGE	CHECKED		PROJECT MANAGER
20.....	XXX		
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	DESIGN REVIEW	XX.XX.XX	REVISED AS-BUILT.....
20.....	All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.		

City of Seattle
Seattle Department of Transportation

ORDINANCE NO. _____ APPROVED _____

SCALE: _____ INSPECTOR'S BOOK _____

METROPOLE BUILDING
DPD PROJECT # 6508387-CN

423 2ND AVE S EXT
BASEMENT PLAN - ELECTRICAL

SDOT PROJECT NO. 421941
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 14 OF 17

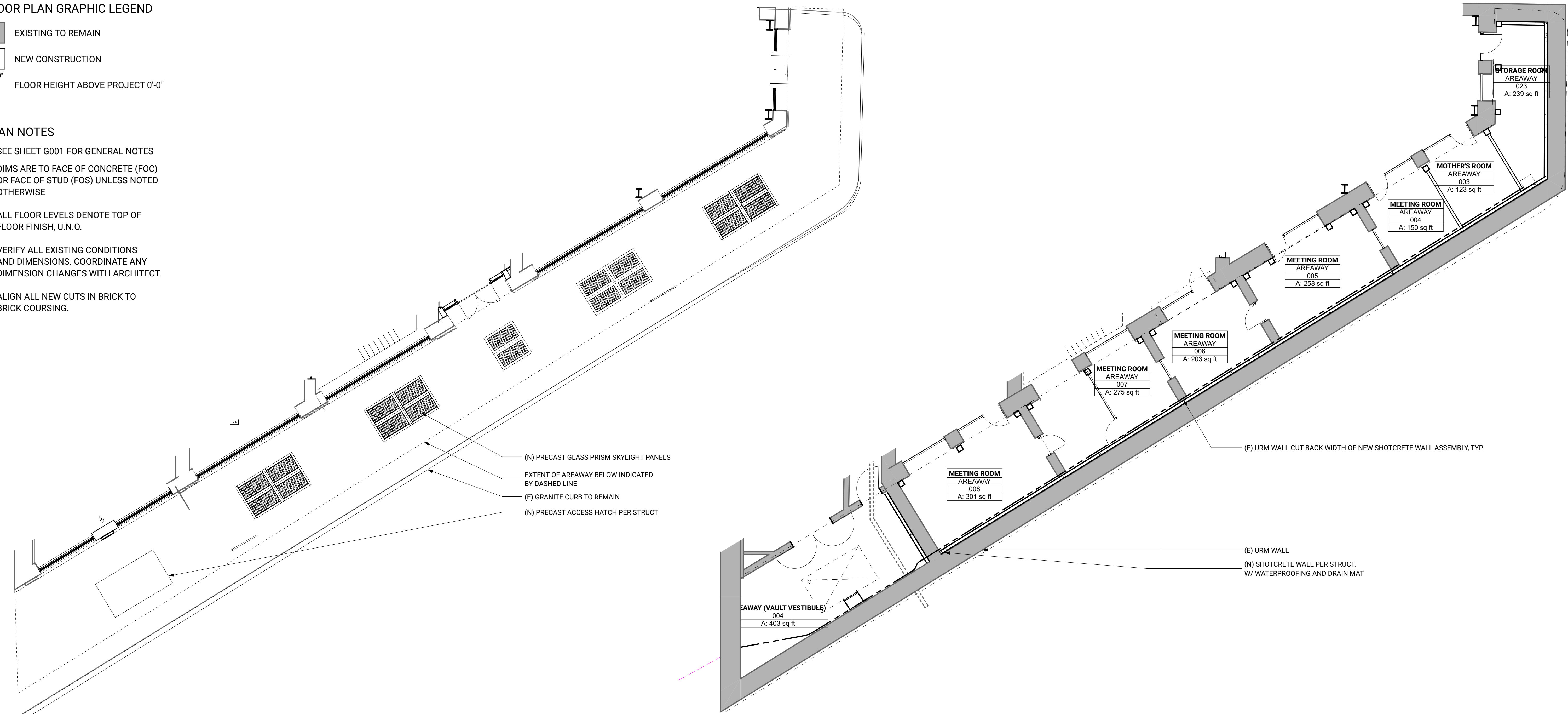
Street Improvement Plan

FLOOR PLAN GRAPHIC LEGEND

- EXISTING TO REMAIN
- NEW CONSTRUCTION
- 0"
FLOOR HEIGHT ABOVE PROJECT 0'-0"

PLAN NOTES

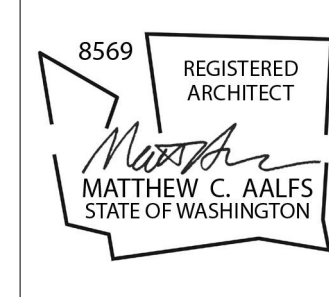
1. SEE SHEET G001 FOR GENERAL NOTES
2. DIMS ARE TO FACE OF CONCRETE (FOC) OR FACE OF STUD (FOS) UNLESS NOTED OTHERWISE
3. ALL FLOOR LEVELS DENOTE TOP OF FLOOR FINISH, U.N.O.
4. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. COORDINATE ANY DIMENSION CHANGES WITH ARCHITECT.
5. ALIGN ALL NEW CUTS IN BRICK TO BRICK COURSING.



2
15 STREET LEVEL OVER AREAWAY
SCALE: 1/8" = 1'-0"

1
15 BASEMENT LEVEL AT AREAWAY
SCALE: 1/8" = 1'-0"

DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D



REVIEWED BY SPU/WATER ENGINEERING	
REVIEWED BY SPU/DRAINAGE	20
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	20

NAME OR INITIALS AND DATE	INITIALS AND DATE
DESIGNED CHECKED BW	REVIEWED:
DRAWN CHECKED BW	PROJECT MANAGER
DESIGN REVIEW 09.30.2022	REVISED AS-BUILT

City of Seattle
Seattle Department
of Transportation

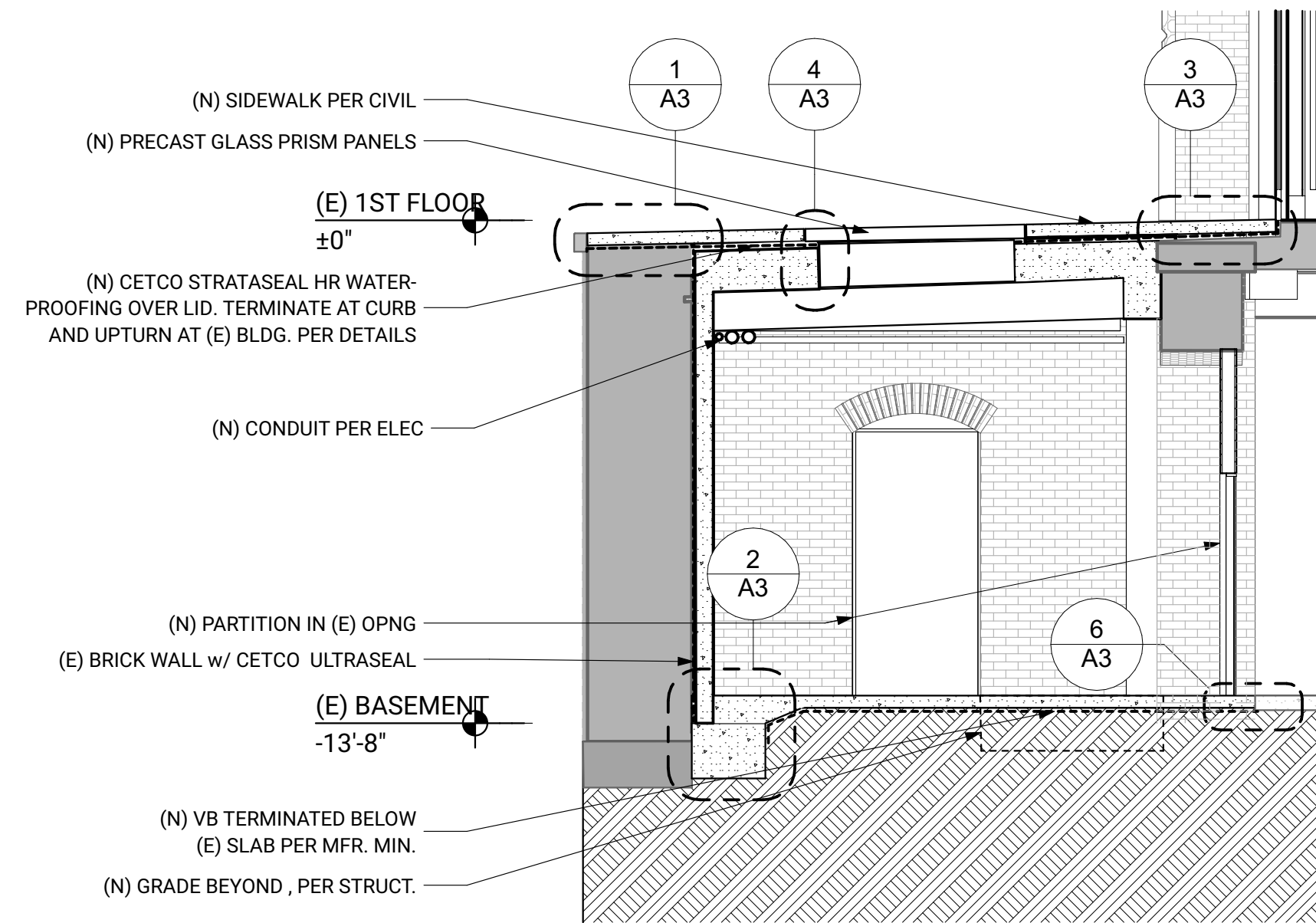
SCALE: H. V. INSPECTOR'S BOOK

METROPOLE BUILDING
DPD PROJECT # 6508387-CN

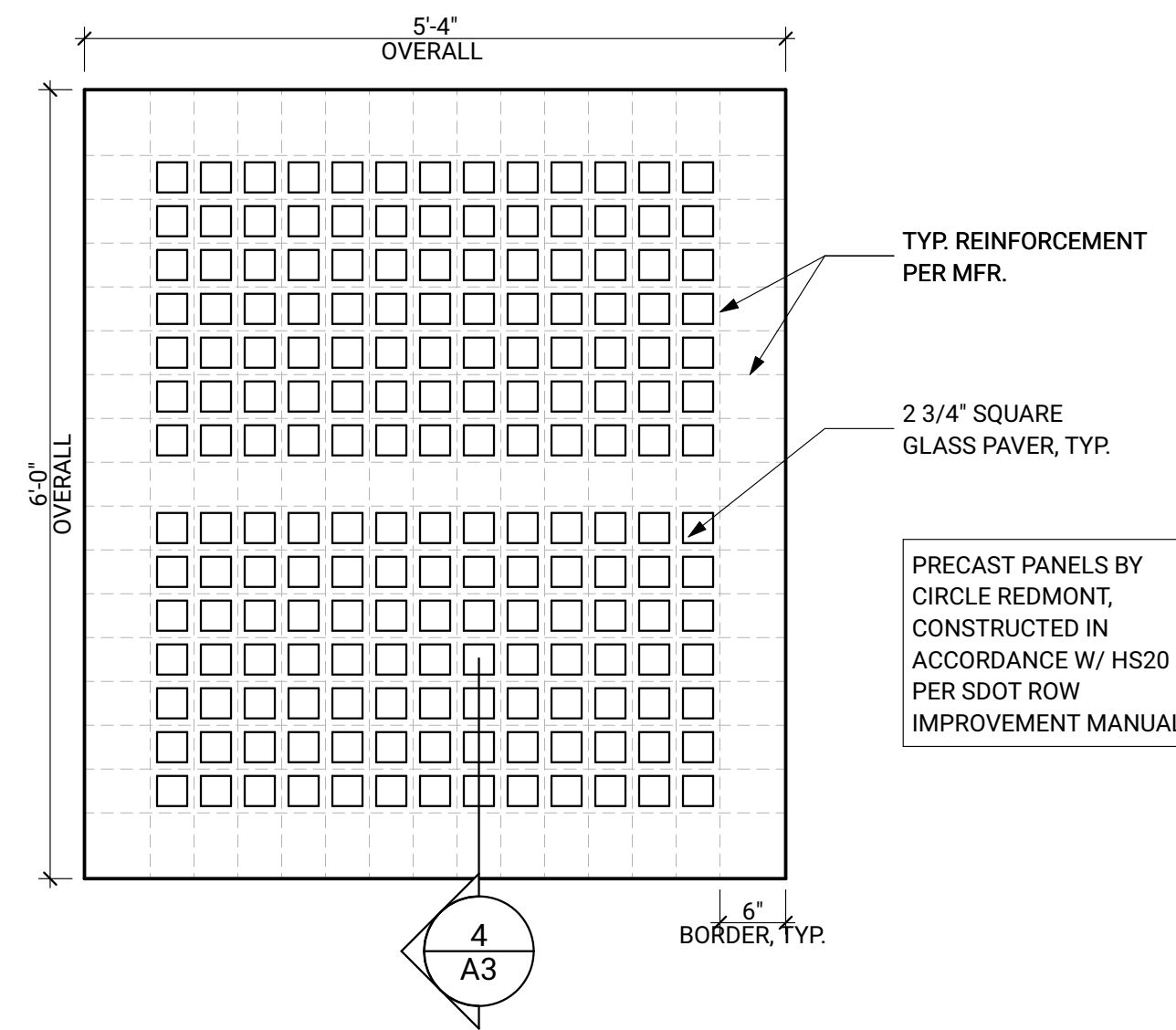
423 2ND AVE S EXT
ARCHITECTURAL FLOOR PLANS

SDOT PROJECT NO. 421941
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 15 OF 17

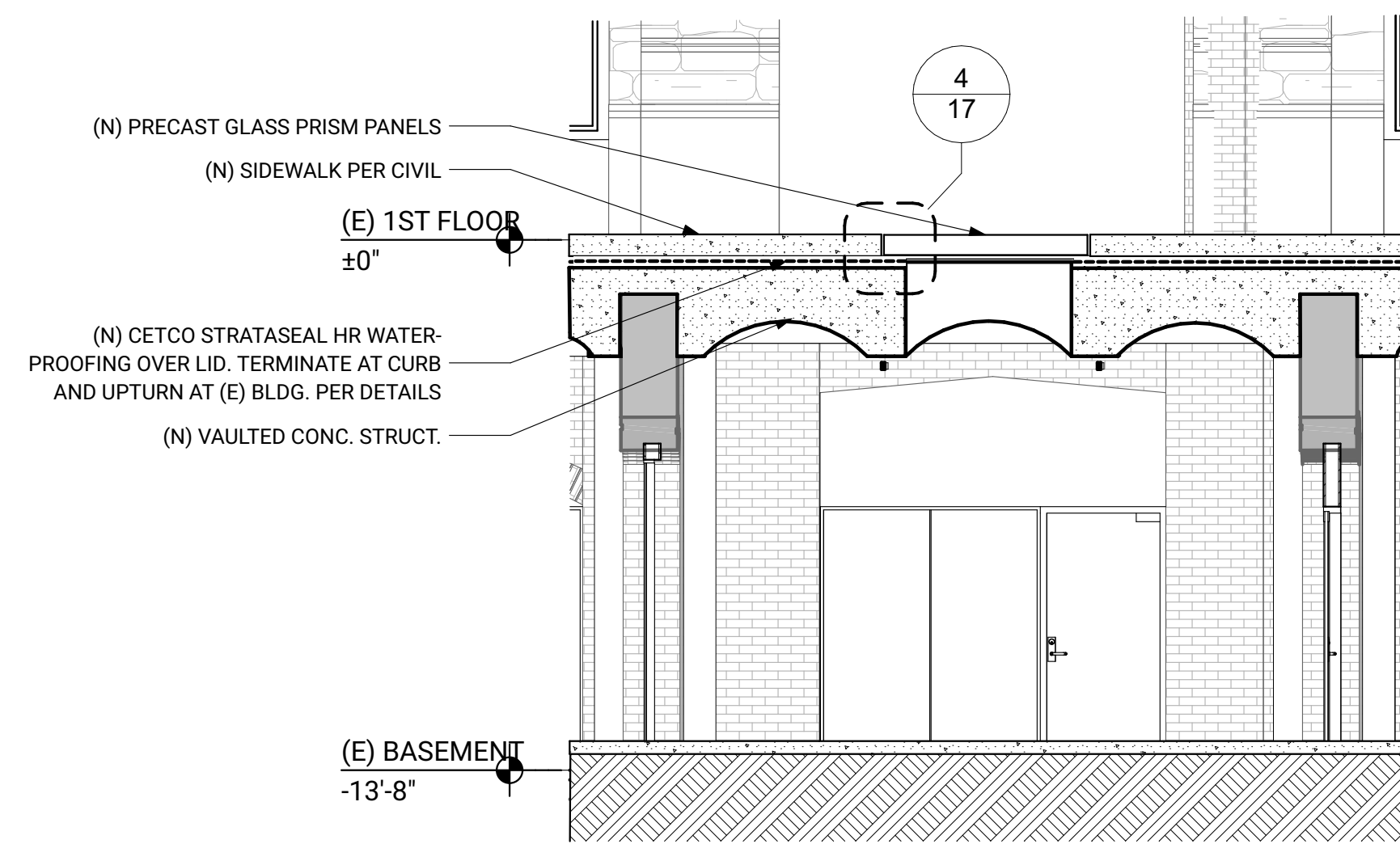
Street Improvement Plan



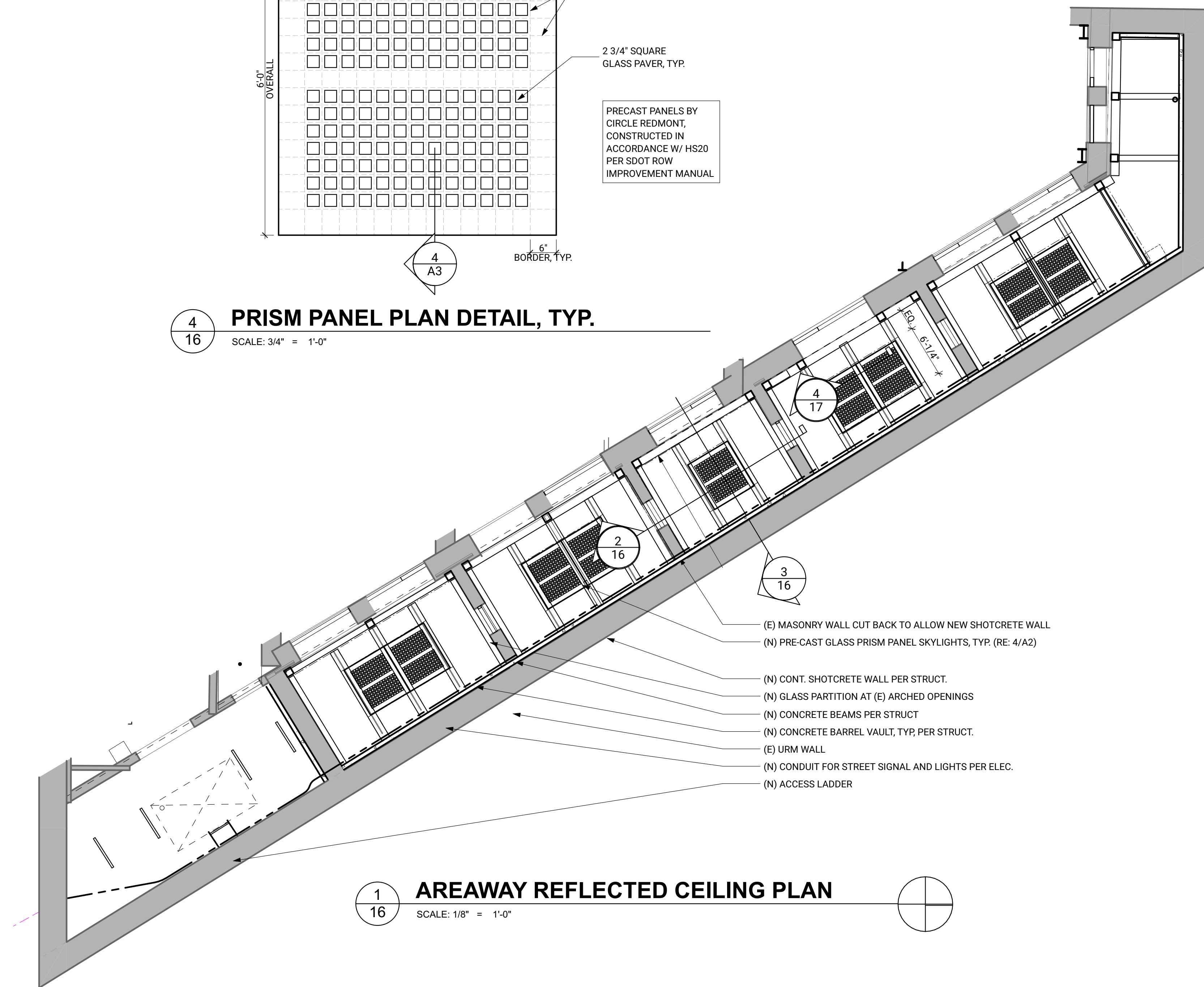
3 AREAWAY SECTION TRANSVERSE
SCALE: 1/4" = 1'-0"



4 PRISM PANEL PLAN DETAIL, TYP.
SCALE: 3/4" = 1'-0"



2 AREAWAY SECTION
SCALE: 1/4" = 1'-0"



1 AREAWAY REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN GRAPHIC LEGEND

- GWB CEILING
- SUSPENDED ACOUSTIC PANELS

PLAN NOTES

1. SEE SHEET G001 FOR GENERAL NOTES
2. DIMS ARE TO FACE OF CONCRETE (FOC) OR FACE OF STUD (FOS) UNLESS NOTED OTHERWISE
3. ALL LEVELS DENOTE UNDERSIDE OF CEILING FINISH, U.N.O.
4. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. COORDINATE ANY DIMENSION CHANGES WITH ARCHITECT.
5. ACOUSTIC PANELS BETWEEN JOISTS, TYP TO PUBLIC SPACES. SEE FINISH SCHEDULE FOR LOCATIONS AND FLOOR ASSEMBLIES FOR MORE INFO.

DATE	MARK	NATURE	REVISIONS	MADE	CHKD	REYD

8569 REGISTERED ARCHITECT

 MATTHEW C. AALFS
 STATE OF WASHINGTON

BUILDINGWORK
 architecture design preservation

REVIEWED BY	NAME OR INITIALS AND DATE	INITIALS AND DATE
REVIEWED BY SPU/WATER ENGINEERING	DESIGNED CHECKED	BW REVIEWED:
REVIEWED BY SPU/DRAINAGE	DRAWN CHECKED	BW PROJECT MANAGER
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	DESIGN REVIEW 09.30.2022	REVISED AS-BUILT

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.

City of Seattle
Seattle Department
 of Transportation

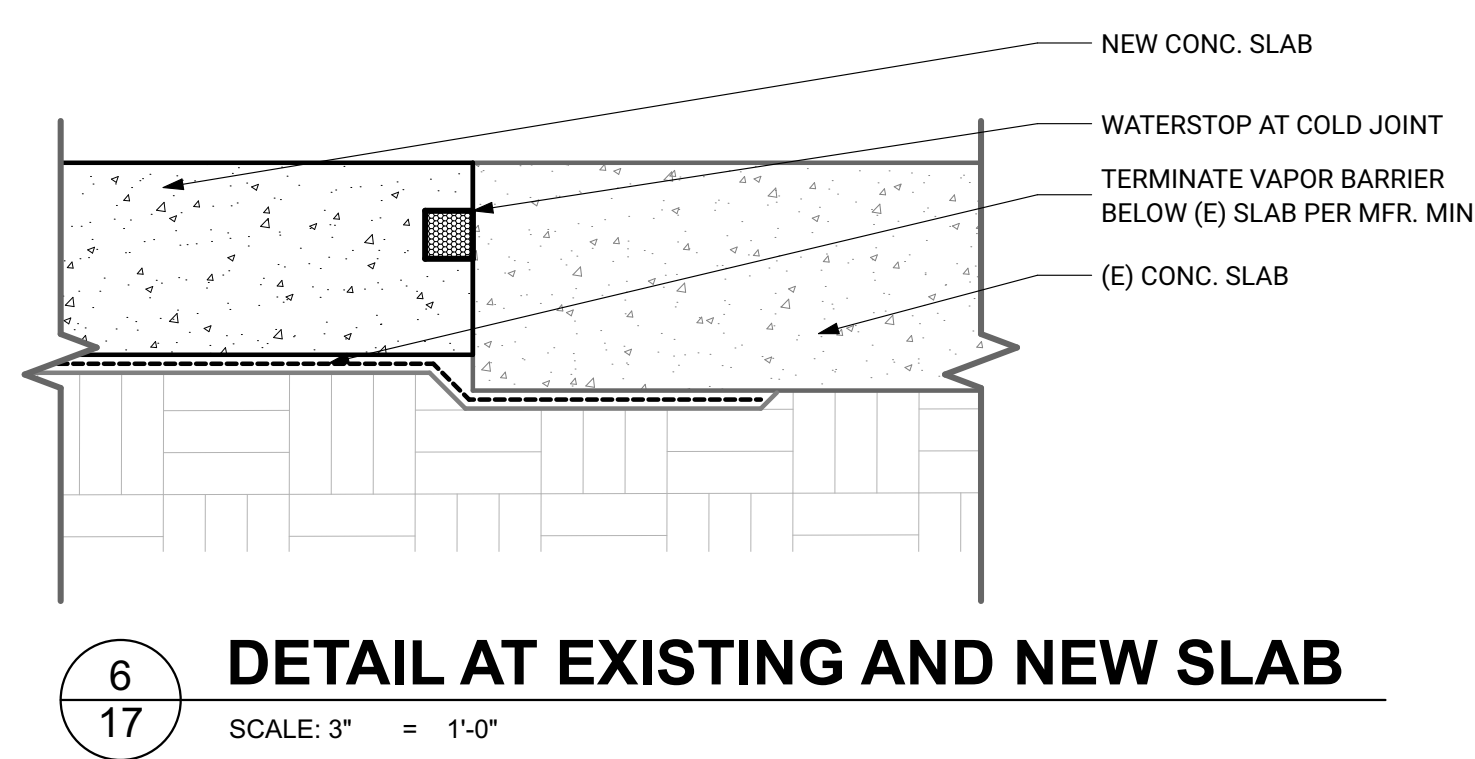
SCALE: H. V. INSPECTOR'S BOOK

METROPOLE BUILDING
 DPD PROJECT # 6508387-CN

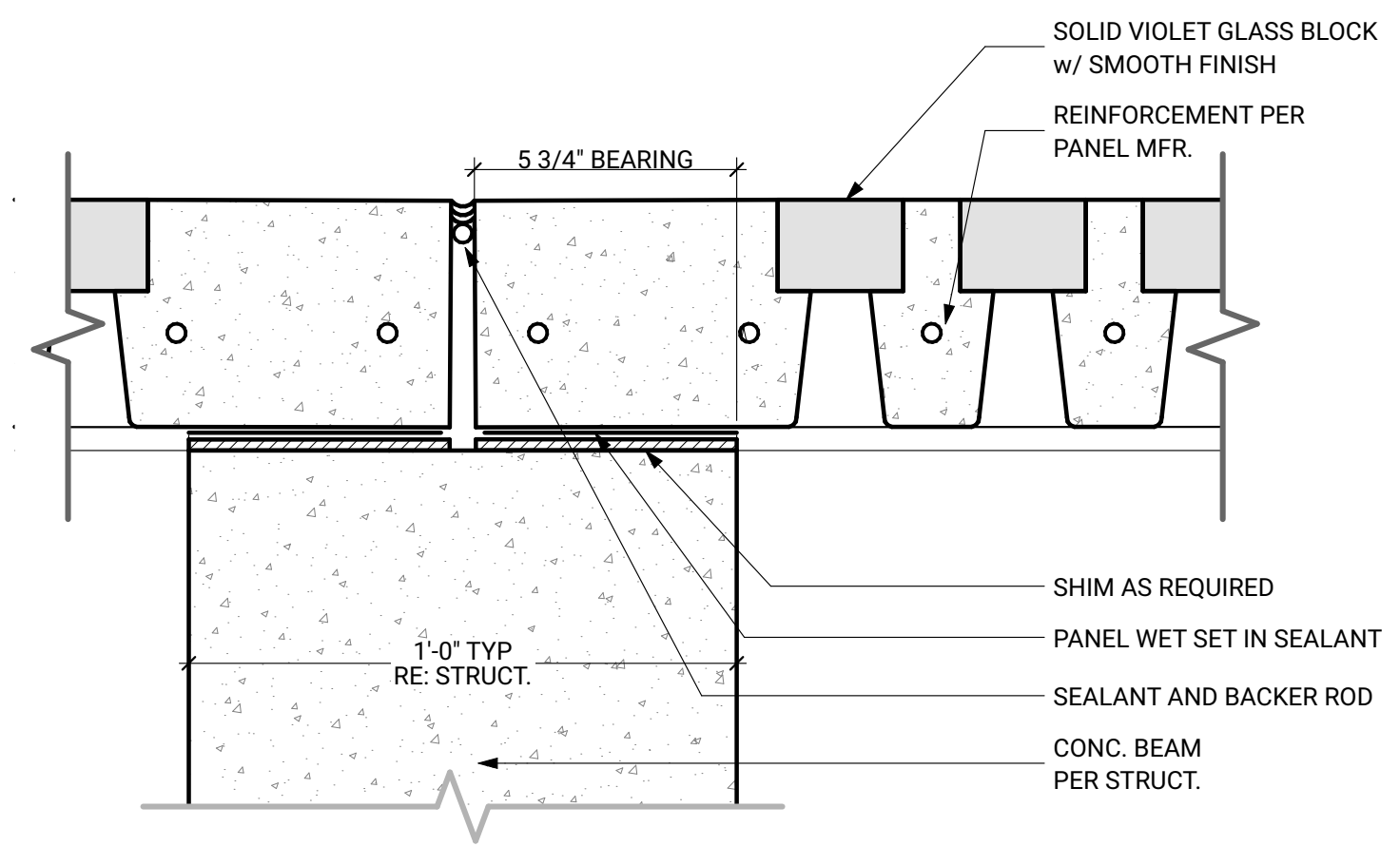
423 2ND AVE S EXT
REFLECTED CEILING PLAN AND SECTIONS

SDOT PROJECT NO. 421941
 VAULT PLAN NO.
 VAULT SERIAL NO.
 SHEET 16 OF 17

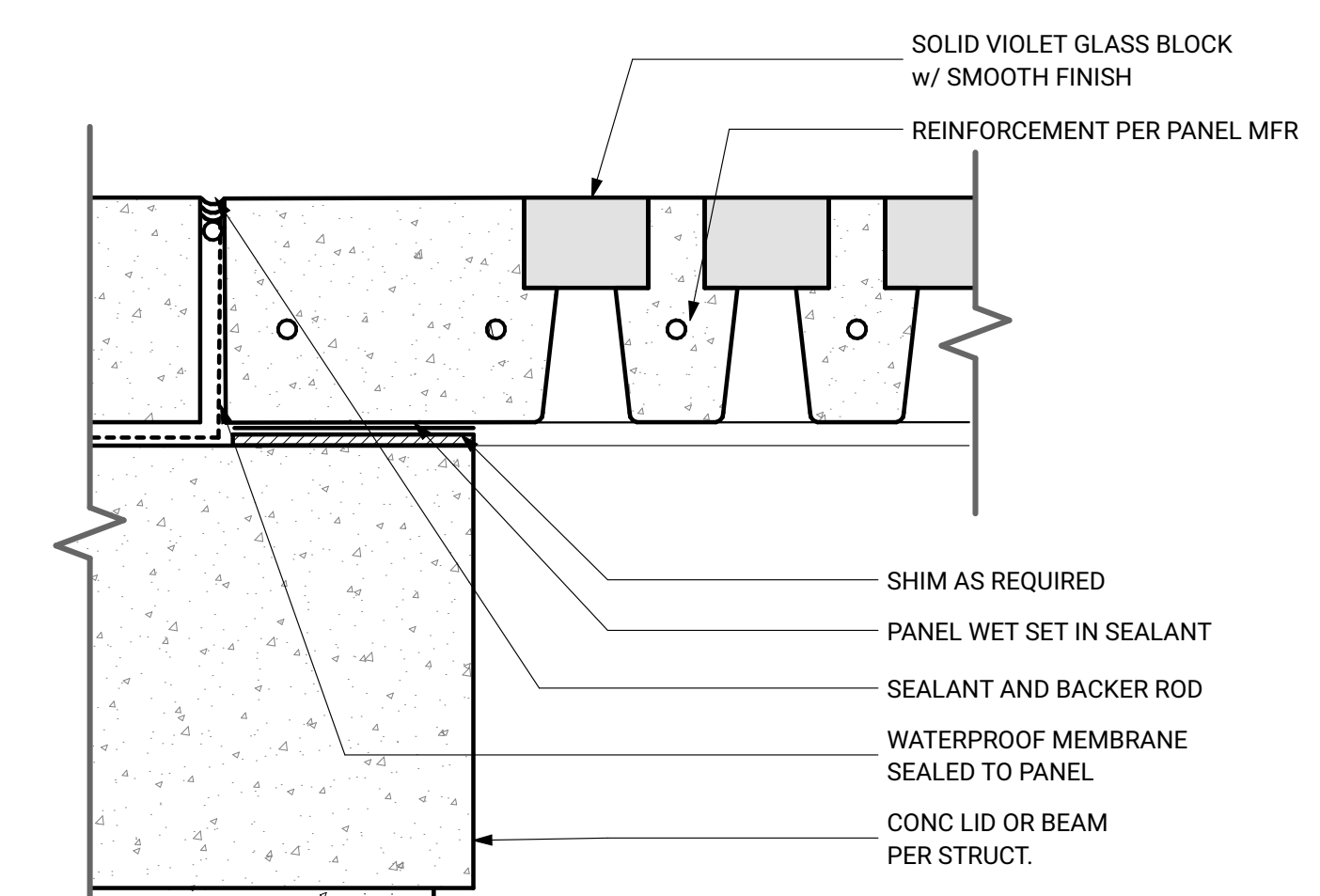
Street Improvement Plan



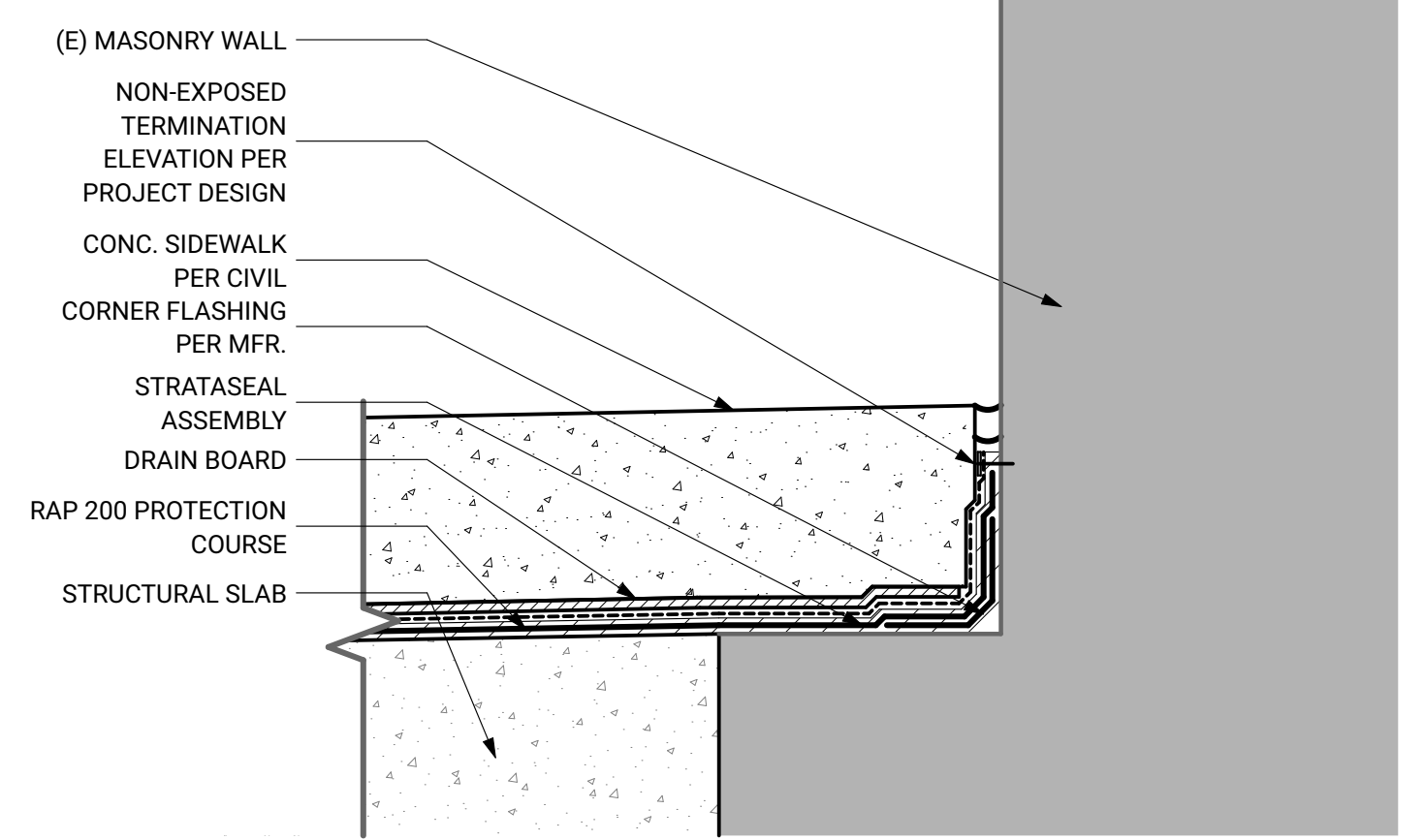
6
17 **DETAIL AT EXISTING AND NEW SLAB**
SCALE: 3" = 1'-0"



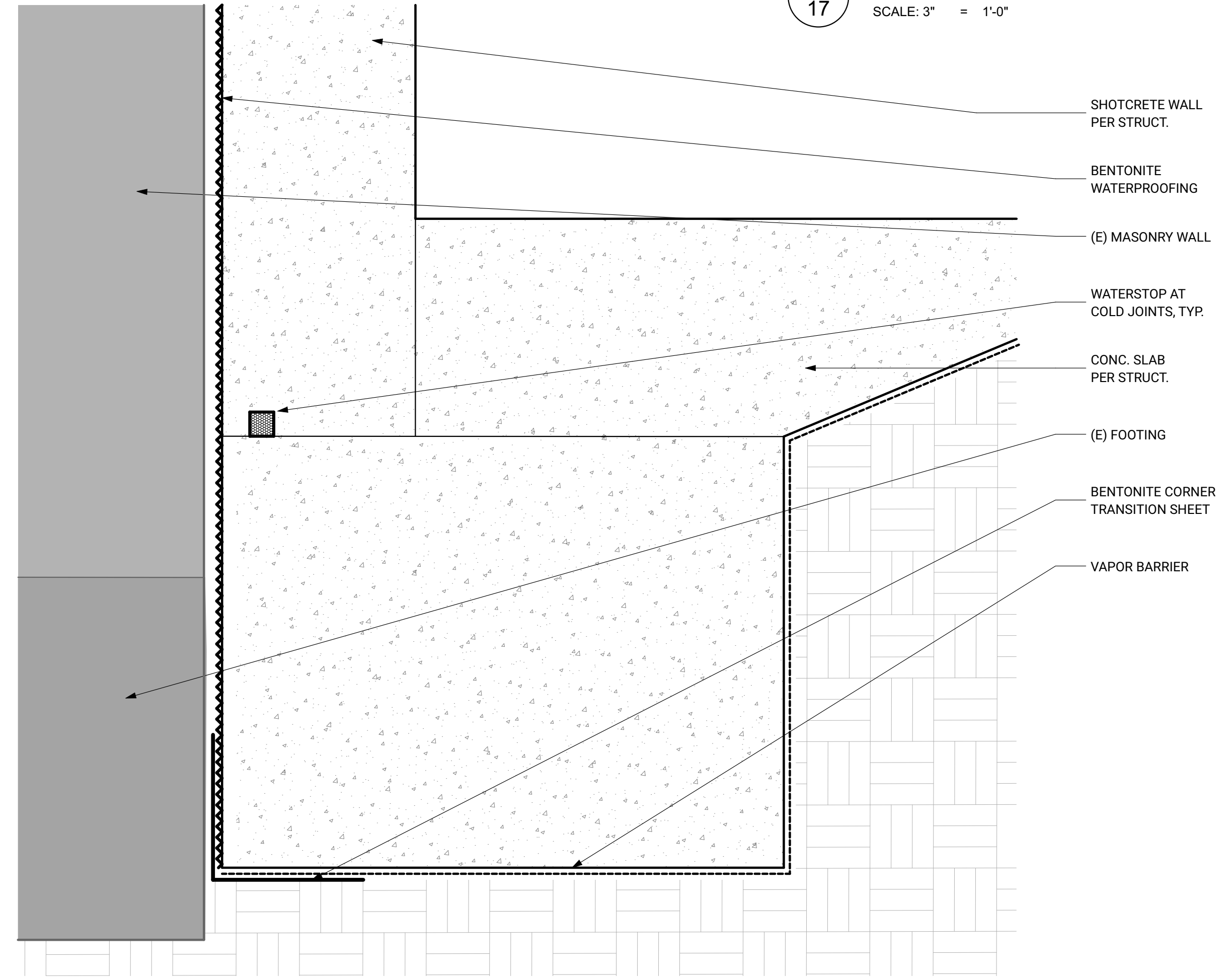
5
17 **PRISM PANEL DETAIL AT BEAM**
SCALE: 3" = 1'-0"



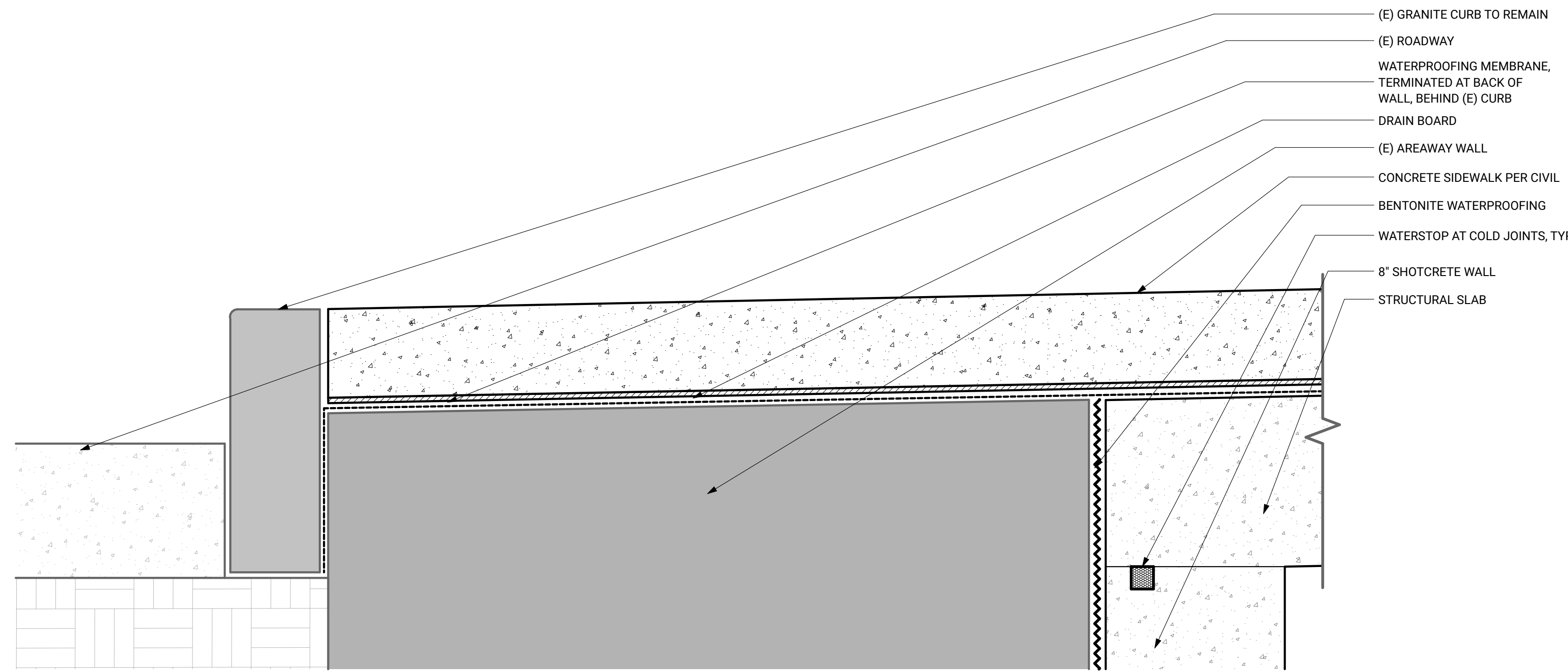
4
17 **PRISM PANEL SECTION DETAIL**
SCALE: 3" = 1'-0"



3
17 **WATERPROOFING DTL AT BLDG. AND SIDEWALK**
SCALE: 3" = 1'-0"

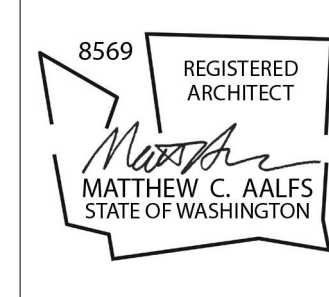


2
17 **WATERPROOFING SECTION DETAIL AT STOTCRETE WALL AND SLAB**
SCALE: 3" = 1'-0"



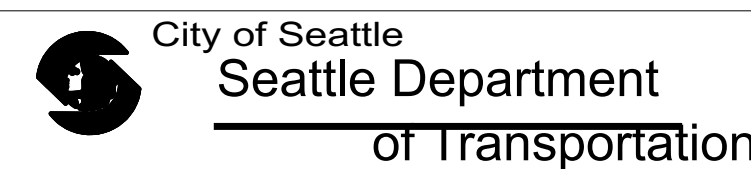
1
17 **WATERPROOFING SECTION DETAIL AT (E) MASONRY WALL AND SIDEWALK**
SCALE: 3" = 1'-0"

DATE	MARK	NATURE	REVISIONS	MADE	CHKD	REVD



REVIEWED BY SPU/WATER ENGINEERING	NAME OR INITIALS AND DATE	INITIALS AND DATE
REVIEWED BY SPU/DRAINAGE	DESIGNED CHECKED	BW REVIEWED:
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	DRAWN CHECKED	BW PROJECT MANAGER
	DESIGN REVIEW	09.30.2022 REVISED AS-BUILT

All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.



SCALE: H. V. INSPECTOR'S BOOK

METROPOLE BUILDING	DPD PROJECT # 6508387-CN
423 2ND AVE S EXT	SDOT PROJECT NO. 421941
	VAULT PLAN NO.
	VAULT SERIAL NO.
	SHEET 17 OF 17