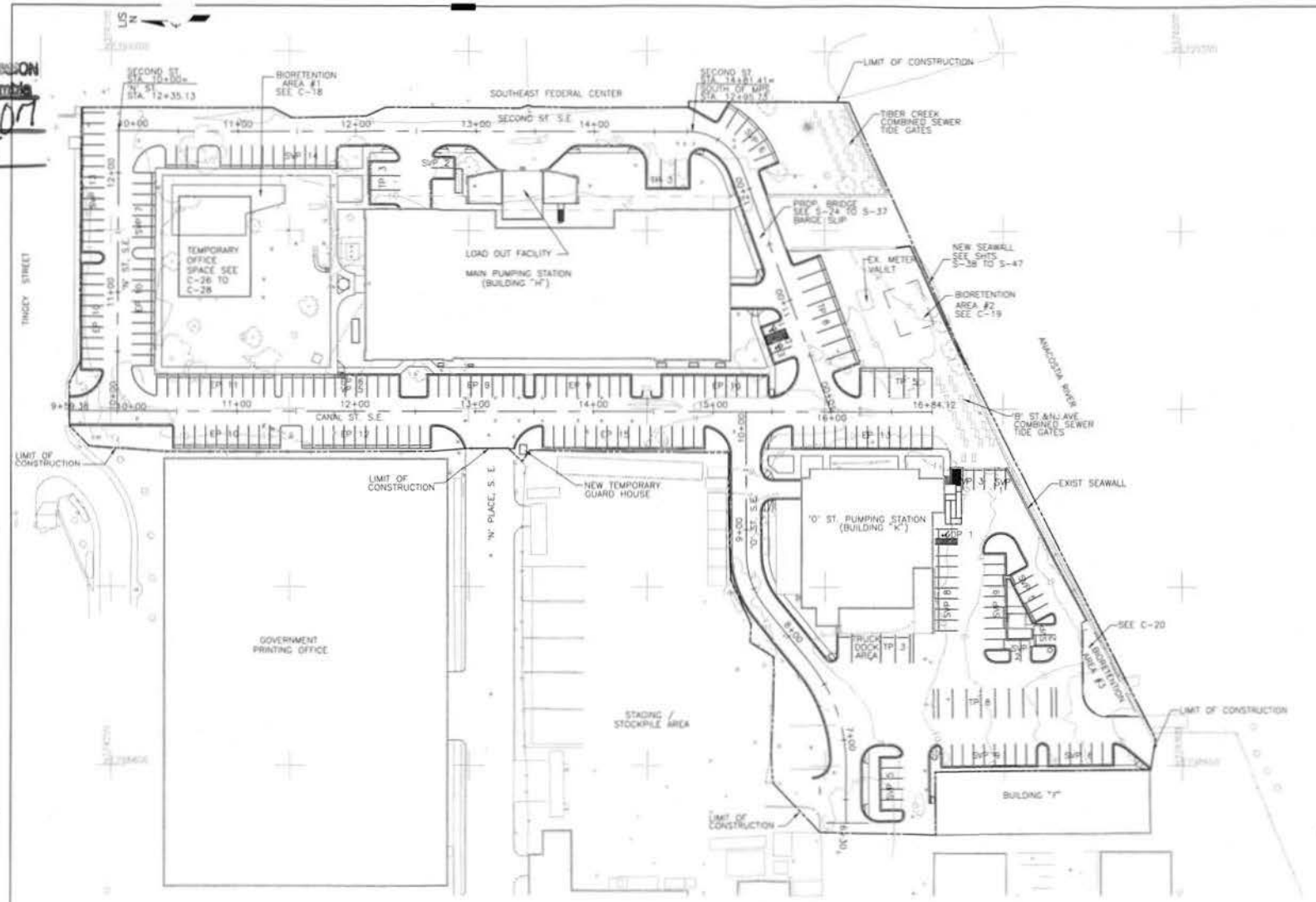
ZONING COMMISSION
District of Columbia
Case 04-07
Exhibit 5



JOB	K101	SHEET	OF
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☒	030220	
DESIGN	DES. FILE NO. ☐ DCFM NO. ☒		
DESIGN MGR.	IN-HOUSE D.W.S.S. NO. ☒	DMSS – III	
INDEX	CPU-K101	FOREMAN-INSPECTOR	

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

PARKING DATA

STANDARD EMPLOYEE PARKING (EP)	116
DISABLED PARKING (DP)	3
TOTAL EMPLOYEE PARKING	120
VISITOR PARKING (VP)	8
SUBTOTAL	127
WASA VEHICLE PARKING	
STANDARD (SVP)	89
TRUCK (TP)	30
SUBTOTAL	119
TOTAL	246

NOTES:

1. SEE C-25 TO C-28 FOR TRAFFIC MAINTENANCE AND CONSTRUCTION PHASE PLANS.

HAZEN AND SAWYER
Environmental Engineers & Scientists

DHA DELON HAMPTON & ASSOCIATES, CHARTERED
CONSULTING ENGINEERS - PLANNERS
WASHINGTON, D.C.

NO.	DESCRIPTION	BY	DATE

PRE-BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & "O" STREET PUMPING STATION REHABILITATION

GENERAL LOCATION PLAN MODIFIED

CIVIL

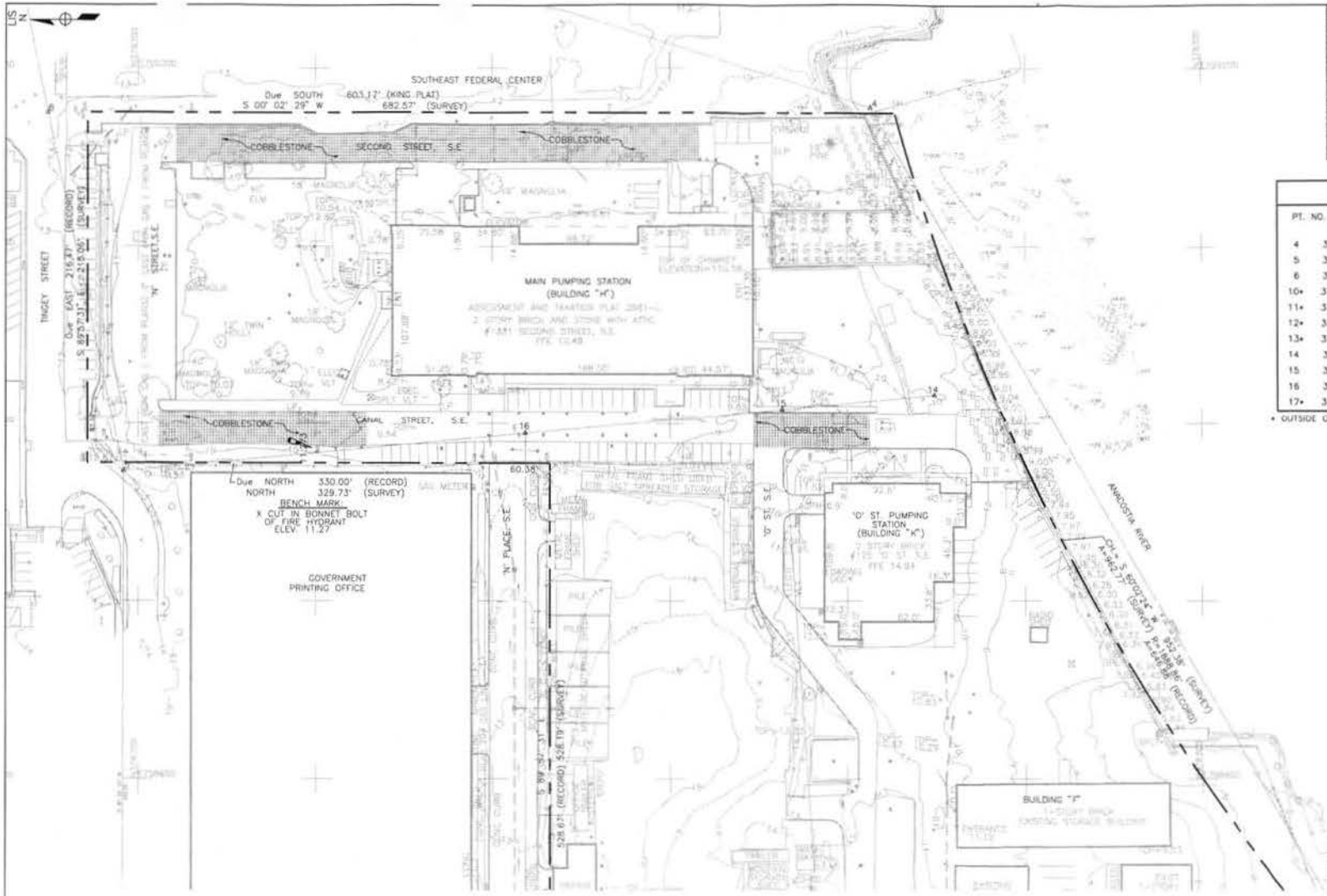
SCALE 1" = 40'	DRAWN
WATER/OTHER SYSTEM	CHECKED
SURVEYED	SUBMITTED

REDUCTION VERIFICATION SCALE

10 INCHES

C - 1

ZONING COMMISSION
District of Columbia
CASE NO.04-07
EXHIBIT NO.5



JOB	K101	SHEET	OF
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☒	030220	
DESIGN	DCPA NO. ☒		
DESIGN MGR.	IN-HOUSE D.M.S.S. NO. ☒	DMSS – 10	
INDEX	CPU–K101	FOREMAN–INSPECTOR	

POST–BID REVISION

NO.	DESCRIPTION	BY	DATE

TRAVERSE INFORMATION

PT. NO.	COORDINATES NORTH	EAST	ELEVATION
4	378580.005200	799167.066400	8.15
5	379212.015100	798859.356400	13.83
6	379275.099700	799162.765300	13.25
10*	379213.529300	798317.071300	18.26
11*	378872.609000	798316.185600	15.39
12*	378614.869600	798315.515900	13.57
13*	378070.342800	798287.115500	9.28
14	378526.002200	798924.274900	9.97
15	378655.332500	798912.036100	9.21
16	378872.276400	798891.506400	9.55
17*	378459.013200	798771.081200	8.88

* OUTSIDE OF THE PROJECT, AND NOT SHOWN IN THIS PLAN.

HAZEN AND SAWYER
Environmental Engineers & Scientists

DHA DELON HAMPTON & ASSOCIATES, CHARTERED
CONSULTING ENGINEERS – PLANNERS
WASHINGTON, D.C.

NO.	DESCRIPTION	BY	DATE

PRE–BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

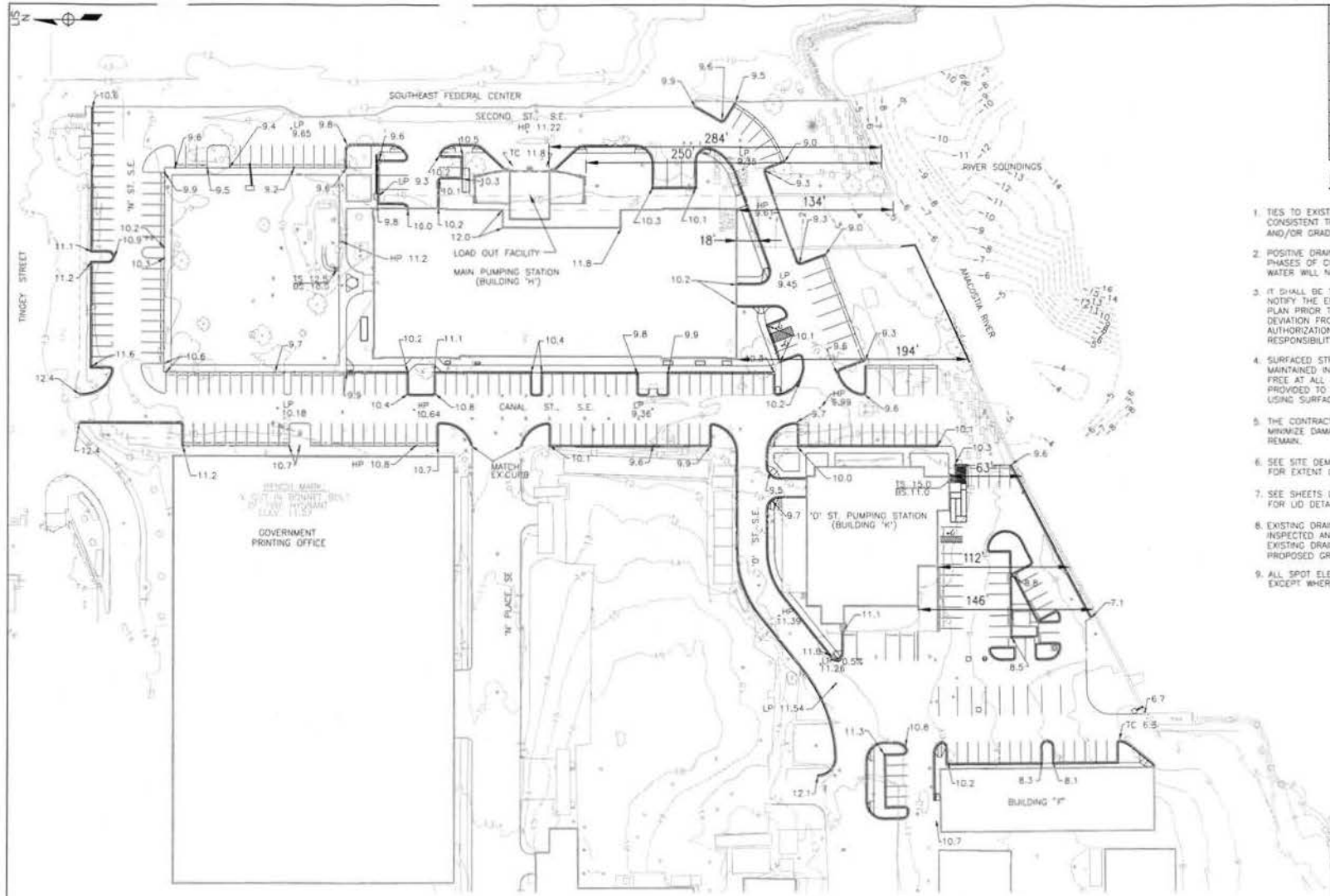
SEWERAGE SYSTEM
MAIN & "O" STREET PUMPING STATION REHABILITATION

SITE PLAN
EXISTING CONDITIONS

SCALE 1" = 40'	DRAWN
INTERCEPTOR	CHECKED
SYSTEM	SUBMITTED
SURVEY(S)	
DATE FEBRUARY, 2014	RECOMMENDED
CAD FILE C-SZ10WNO.DWG	

REDUCTION VERIFICATION SCALE 0 10 INCHES

C – 3



JOB	K101	SHEET	C-9 OF .
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☒	030220	
DESIGN	DCFA FILE NO. ☐ DCFA NO. ☒		
DESIGN MGR.	IN-HOUSE D.W.S.S. NO. ☒	DMSS - III	
INDEX	CPU-K101	FOREMAN-INSPECTOR	

POST-BID REVISION

NO	DESCRIPTION	BY	DATE

NOTES:

1. TIES TO EXISTING PAVEMENT AREAS SHALL BE SMOOTH CONSISTENT TRANSITIONS. NO ABRUPT CHANGE IN LINE AND/OR GRADE WILL BE PERMITTED.
2. POSITIVE DRAINAGE SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION. PONDING OR STANDING WATER WILL NOT BE PERMITTED.
3. IT SHALL BE THE RESPONSIBILITY OF CONTRACTOR TO NOTIFY THE ENGINEER OF ANY DEVIATION FROM THIS PLAN PRIOR TO ANY CHANGE BEING MADE. ANY DEVIATION FROM THIS PLAN WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. SURFACED STREETS AND PARKING AREAS SHALL BE MAINTAINED IN A CLEAN CONDITION. MUD AND DUST FREE AT ALL TIMES. ADEQUATE MEANS SHALL BE PROVIDED TO CLEAN TRUCKS AND OTHER EQUIPMENT USING SURFACED STREETS AND PARKING AREAS.
5. THE CONTRACTOR SHALL MAKE EVERY ATTEMPT TO MINIMIZE DAMAGE TO EXISTING TREES THAT ARE TO REMAIN.
6. SEE SITE DEMOLITION PLAN (SHEET C-04) FOR EXTENT OF DEMOLITION WORK REQUIRED.
7. SEE SHEETS C-17, C-18 C-19, & C-20 FOR UID DETAILS.
8. EXISTING DRAIN STRUCTURES TO REMAIN SHALL BE INSPECTED AND REPAIRED IF DAMAGED. TOP OF THE EXISTING DRAIN STRUCTURES SHALL BE ADJUSTED TO PROPOSED GRADE PER PLAN.
9. ALL SPOT ELEVATIONS REFER TO BOTTOM OF CURB EXCEPT WHERE INDICATED.

NO.	DESCRIPTION	BY	DATE

PRE-BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & 'O' STREET PUMPING STATIONS REHABILITATION

SITE PLAN
MODIFIED
GRADING

SCALE	1"=40'	DRAWN	
INTERCEPTOR		CHECKED	
SYSTEM		SUBMITTED	
SURVEYED			
DATE	FEBRUARY, 2004	RECOMMENDED	
CADD FILE	C-K101SITE.DWG		

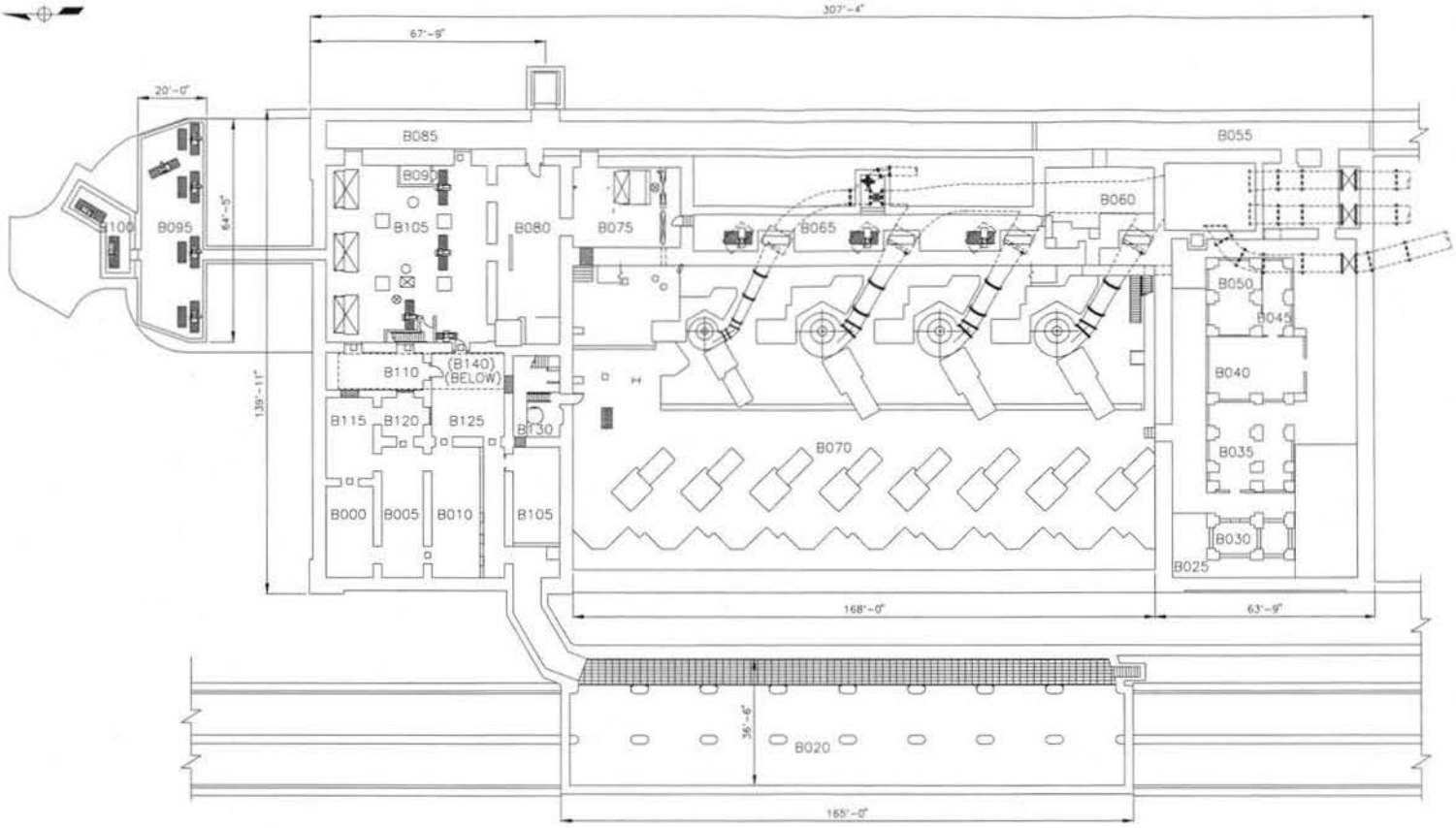
HAZEN AND SAWYER
Environmental Engineers & Scientists

DHA DELON HAMPTON & ASSOCIATES, CHARTERED
CONSULTING ENGINEERS – PLANNERS
WASHINGTON, D.C.

REDUCTION VERIFICATION SCALE

10 INCHES

C-9



BELOW GRADE

SCALE: 1/16"=1'-0"

JOB	K101	SHEET	OF
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☒	☐ 030220	
DESIGN	DETS FILE NO. ☐ DCFA NO. ☒	-	
DESIGN MGR.	IN-HOUSE D.W.S.S. NO. ☒	☐ DMSS – III	
INDEX	CPU-K101	FOREMAN-INSPECTOR	

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

ROOM No.	DESCRIPTION
B000	STORAGE
B005	STORAGE
B010	STORAGE
B015	STORAGE
B020	STORMWATER CHANNEL
B025	STORAGE
B030	STORAGE
B035	STORAGE
B040	STORAGE
B045	STORAGE
B050	STORAGE
B055	CONVEYOR TUNNEL
B065	VALVE TUNNEL
B070	PUMP ROOM
B075	BYPASS SCREEN ROOM
B080	CORRIDOR
B085	CONVEYOR TUNNEL
B090	STORAGE
B095	GATE VALVE CHAMBER
B100	GATE VALVE CHAMBER
B105	SCREEN ROOM
B110	STORAGE
B115	STORAGE
B120	STORAGE
B125	STORAGE
B130	SUMP ROOM
B140	LOW AREA TUNNEL ACCESSED ONLY THROUGH AREA B130

NO.	DESCRIPTION	BY	DATE

PRE-BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & 'O' STREET PUMPING STATION REHABILITATION

MAIN PUMPING STATION
EXISTING FLOOR PLANS

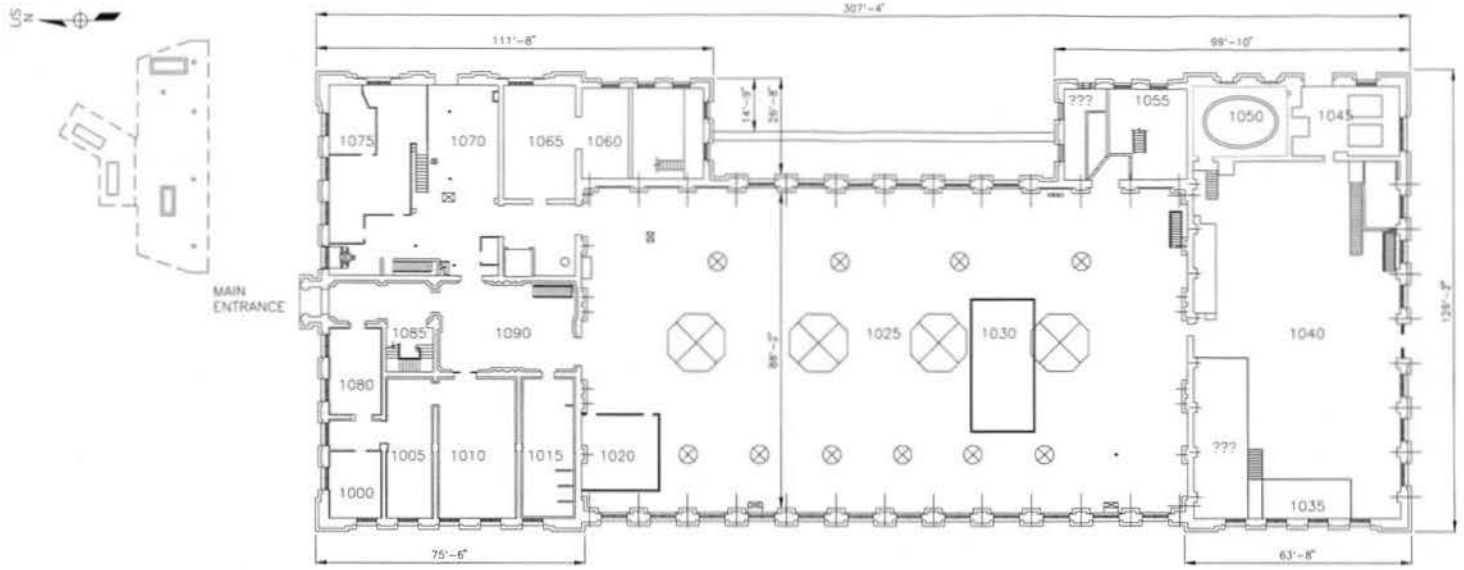
GENERAL

SCALE	DRAWN
INTERCEPTOR	CHECKED
SYSTEM	SUBMITTED
SURVEYED	
DATE FEBRUARY, 2004	RECOMMENDED
CAD FILE G011A(ZONING).DWG	

HAZEN AND SAWYER
Environmental Engineers & Scientists

REDUCTION VERIFICATION SCALE 0 10 INCHES

G-11A



GRADE LEVEL

SCALE: 1/16"=1'-0"

ROOM No.	DESCRIPTION
1000	OFFICE
1005	OFFICE
1010	OFFICE
1015	TOILETS
1020	BREAK ROOM
1025	MOTOR ROOM
1030	CONTROL ROOM
1035	ELECTRICAL WORKSHOP
1040	MACHINE SHOP
1045	BOILER ROOM
1055	STORAGE
1060	STORAGE
1065	STORAGE
1070	GARAGE
1075	LOCKERS
1080	LOBBY
1085	LOBBY
1090	LOBBY
1095	TRANSFORMERS

JOB K101 SHEET OF

CONSTRUCTION IN-HOUSE CONTRACT NO. 030220

DESIGN DCFA FILE NO. DCFA NO.

DESIGN MGR. IN-HOUSE DMSS NO. DMSS – III

INDEX CPU-K101 FOREMAN-INSPECTOR

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

PRE-BID REVISION

NO.	DESCRIPTION	BY	DATE

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & 'O' STREET PUMPING STATION REHABILITATION

MAIN PUMPING STATION
EXISTING FLOOR PLANS

GENERAL

SCALE	DRAWN
INVESTIGATED	CHECKED
SYSTEM	SUBMITTED
SURVEYED	
DATE FEBRUARY, 2004	RECOMMENDED
CADD FILE 3011BCDWG1.DWG	

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Environmental Engineers & Scientists

REDUCTION VERIFICATION SCALE

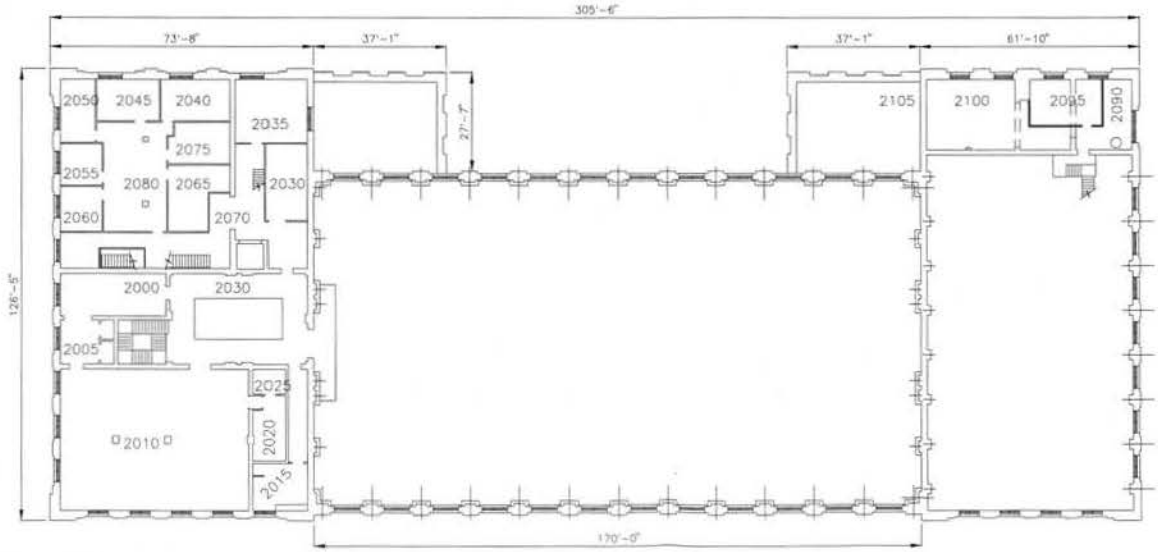
0 1" INCHES

G-11B



THIRD FLOOR

SCALE: 1/16"=1'-0"



SECOND FLOOR

SCALE: 1/16"=1'-0"

ROOM NO.	DESCRIPTION
2000	CORRIDOR
2005	CORRIDOR
2010	OFFICE
2020	STORAGE
2015	WOMENS TOILETS
2035	CLOSET
2030	CORRIDOR
2035	MENS RESTROOM
2040	OFFICE
2045	OFFICE
2050	OFFICE
2055	OFFICE
2060	OFFICE
2065	OFFICE
2070	CORRIDOR
2075	OFFICE
2080	OFFICE
2090	NOT USED
2095	BREAK ROOM
2100	SEAL WATER ROOM
2105	STORAGE
3000	STORAGE
3005	STORAGE
3010	ELEVATOR CONTROL RM
3015	STORAGE
3020	STORAGE
3025	STORAGE
3030	CORRIDOR
3035	STORAGE

JOB	K101	SHEET	OF
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☐	030220	
DESIGN	DCFA FILE NO. ☐		
DESIGN MGR.	IN-HOUSE D.W.S.S. NO. ☐	DMSS – III	
INDEX	CPU-K101	FOREMAN-INSPECTOR	

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

PRE-BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & "O" STREET PUMPING STATION REHABILITATION

MAIN PUMPING STATION
EXISTING FLOOR PLANS

GENERAL

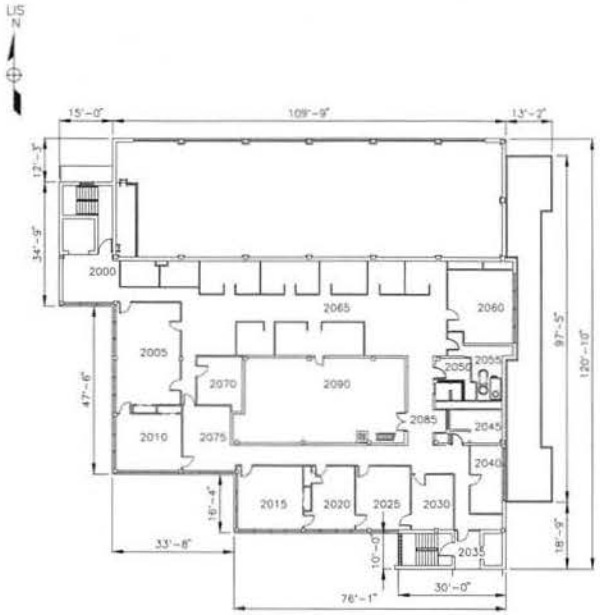
SCALE	DRAWN
INTERCEPTOR	CHECKED
SYSTEM	SUBMITTED
SURVEYED	
DATE FEBRUARY, 2004	RECOMMENDED
CADD FILE D:\11\CDWG\G1.DWG	

HAZEN AND SAWYER
Environmental Engineers & Scientists

REDUCTION VERIFICATION SCALE

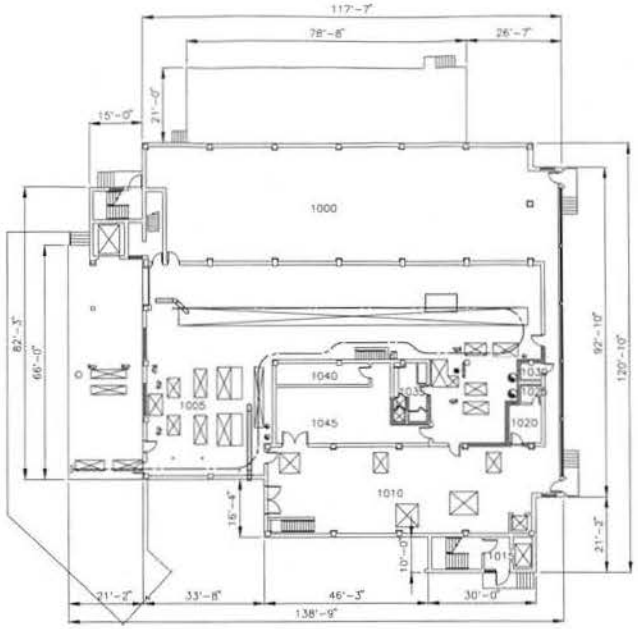
10 INCHES

G-11C



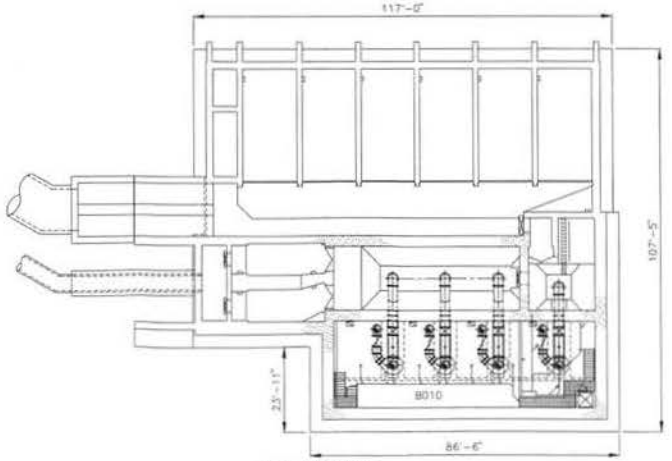
SECOND FLOOR

SCALE: 1/16"=1'-0"



GROUND FLOOR

SCALE: 1/16"=1'-0"



BELOW GRADE

SCALE: 1/16"=1'-0"

ROOM No.	DESCRIPTION
B010	SANITARY SEWER PUMP ROOM
1000	STORM WATER PUMP ROOM
1005	SCREEN ROOM
1010	SANITARY SEWER MOTOR ROOM
1015	LOBBY
1020	STORAGE
1025	WASH ROOM No. 2
1030	JANITOR CLOSET
1035	WASH ROOM No. 1
1040	BATTERY STORAGE
1045	ELECTRICAL ROOM
2000	LOUNGE
2005	OFFICE
2010	OFFICE
2015	OFFICE
2020	OFFICE
2025	OFFICE
2030	OFFICE
2035	LOBBY
2040	OFFICE
2045	MENS RESTROOM
2050	WOMENS RESTROOM
2055	JANITORS CLOSET
2060	OFFICE
2065	OFFICES
2070	STORAGE
2075	OFFICE
2080	CORRIDOR
2090	BOILER ROOM

NO.	DESCRIPTION	BY	DATE
	PRE-BID REVISION		

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & 'O' STREET PUMPING STATION REHABILITATION

'O' STREET PUMPING STATION
EXISTING FLOOR PLANS

GENERAL

SCALE	DRAWN
INTERCEPTOR	CHECKED
SYSTEM	SUBMITTED
SURVEYED	
DATE FEBRUARY 2014	RECOMMENDED
CADD FILE D:\CAD\GENERAL\DWG	

HAZEN AND SAWYER
Environmental Engineers & Scientists

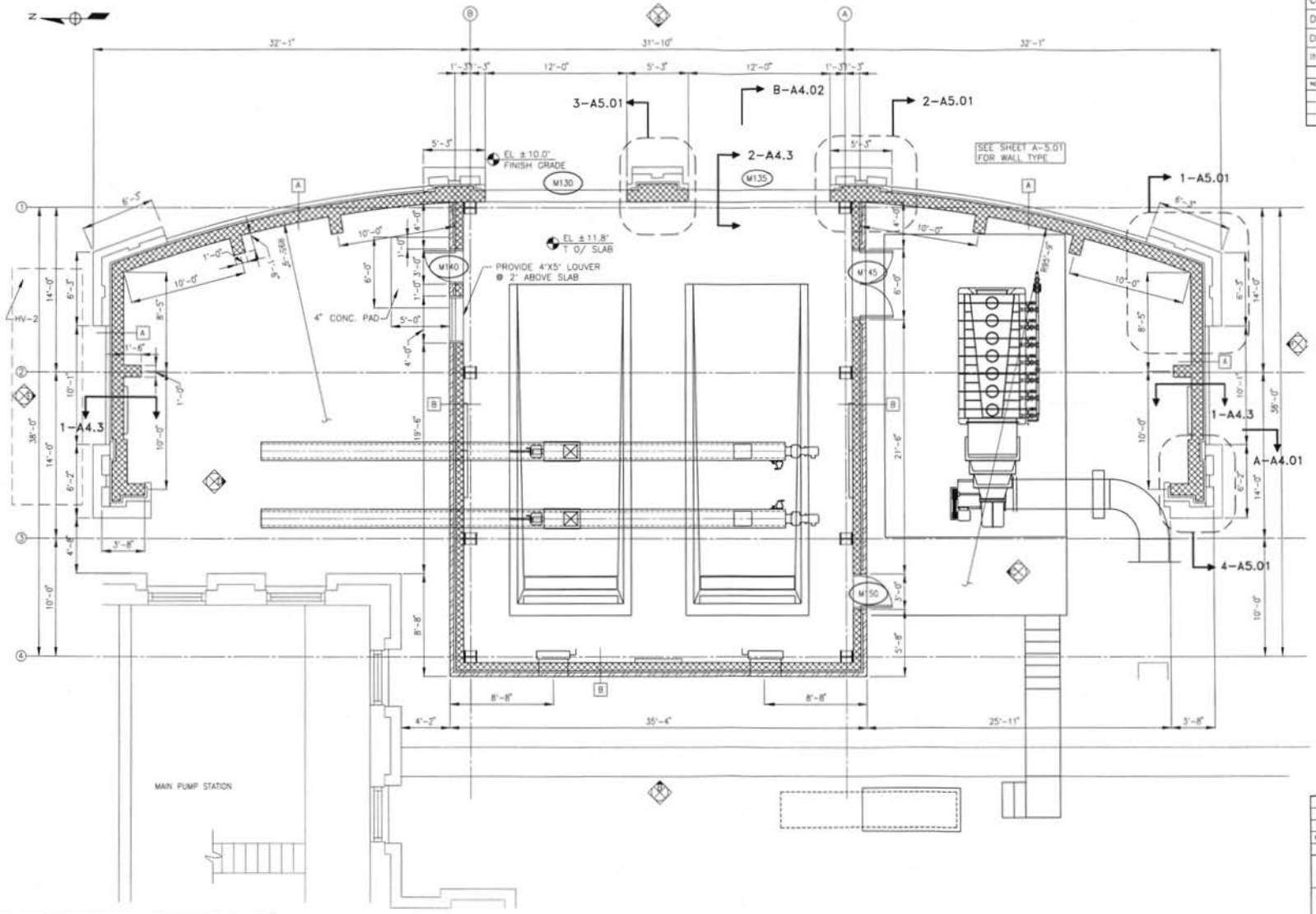
JOB	K101	SHEET	OF
CONSTRUCTION	IN-HOUSE CONTRACT NO. 58	030220	
DESIGN	IN-HOUSE DCFA NO. 58		
DESIGN MGR.	IN-HOUSE D.W.S.S. NO. 58	DMSS – III	
INDEX	CPU-K101	FOREMAN – INSPECTOR	

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

C-12

REDUCTION VERIFICATION SCALE 0 10 INCHES



LOADOUT FACILITY – PLAN

1/8" = 1'-0"

JOB	K101	SHEET X OF XX
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☒	030220
DESIGN	IN-HOUSE DCFA NO. ☐ ☒	
DESIGN MGR.	IN-HOUSE D.M.S.S. NO. ☐ ☒	DMSS – III
INDEX	CPU-K101	FOREMAN-INSPECTOR

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

HAZEN AND SAWYER
Environmental Engineers & Scientists

devrouax & purnell

NO.	DESCRIPTION	BY	DATE
	PRE-BID REVISION		

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & "O" STREET PUMPING STATION REHABILITATION

MAIN PUMPING STATION
LOADOUT FACILITY
FIRST FLOOR PLAN

ARCHITECTURAL

SCALE 1/4" = 1'-0"	DRAWN
INTERCEPTOR	CHECKED
SYSTEM	SUBMITTED
SURVEYED	
DATE FEBRUARY, 2004	RECOMMENDED
CADD FILE A-T12\NWG\DWG	

REDUCTION OF APPLICATION SCALE

10 INCHES

A-7

JOB	K101	SHEET X OF XX
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☒	☐ 030220
DESIGN	DCFS FILE NO. ☐ DCFA NO. ☒	-
DESIGN MGR.	IN-HOUSE D.M.S.S. NO. ☒	☐ DMSS - III
INDEX	CPU-K101	FOREMAN-INSPECTOR

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

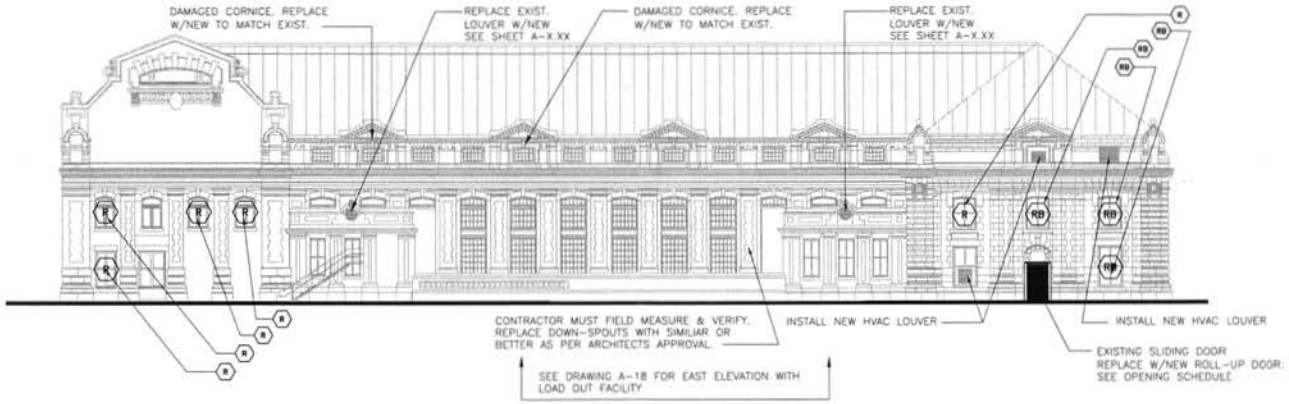
NOTES:

CONTRACTOR SHALL FIELD VERIFY AND MEASURE ALL WINDOWS. INSPECT AND SUBMIT SHOP DWGS. TO ARCHITECT. SAND, CLEAN, SEAL W/APPROVED SEALANT, REGLAZE, RECAULK AND REPAINT AS PER ARCHITECT'S APPROVAL. SEE SPECS FOR MORE DETAILS.

(R) REPLACE WHOLE WINDOW

(RB) REPLACE BOTTOM SASH

(RT) REPLACE TOP SASH



EAST ELEVATION

1/16" = 1'-0"

NO.	DESCRIPTION	BY	DATE

PRE-BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & 'O' STREET PUMPING STATION REHABILITATION

MAIN PUMPING STATION
EAST ELEVATION

ARCHITECTURAL

SCALE 1/16" = 1'-0"	DRAWN
INTERCEPTOR	CHECKED
SYSTEM	SUBMITTED
SURVEYED	
DATE FEBRUARY, 2004	RECOMMENDED
CADD FILE A-15(32MINCL).DWG	

HAZEN AND SAWYER
Environmental Engineers & Scientists

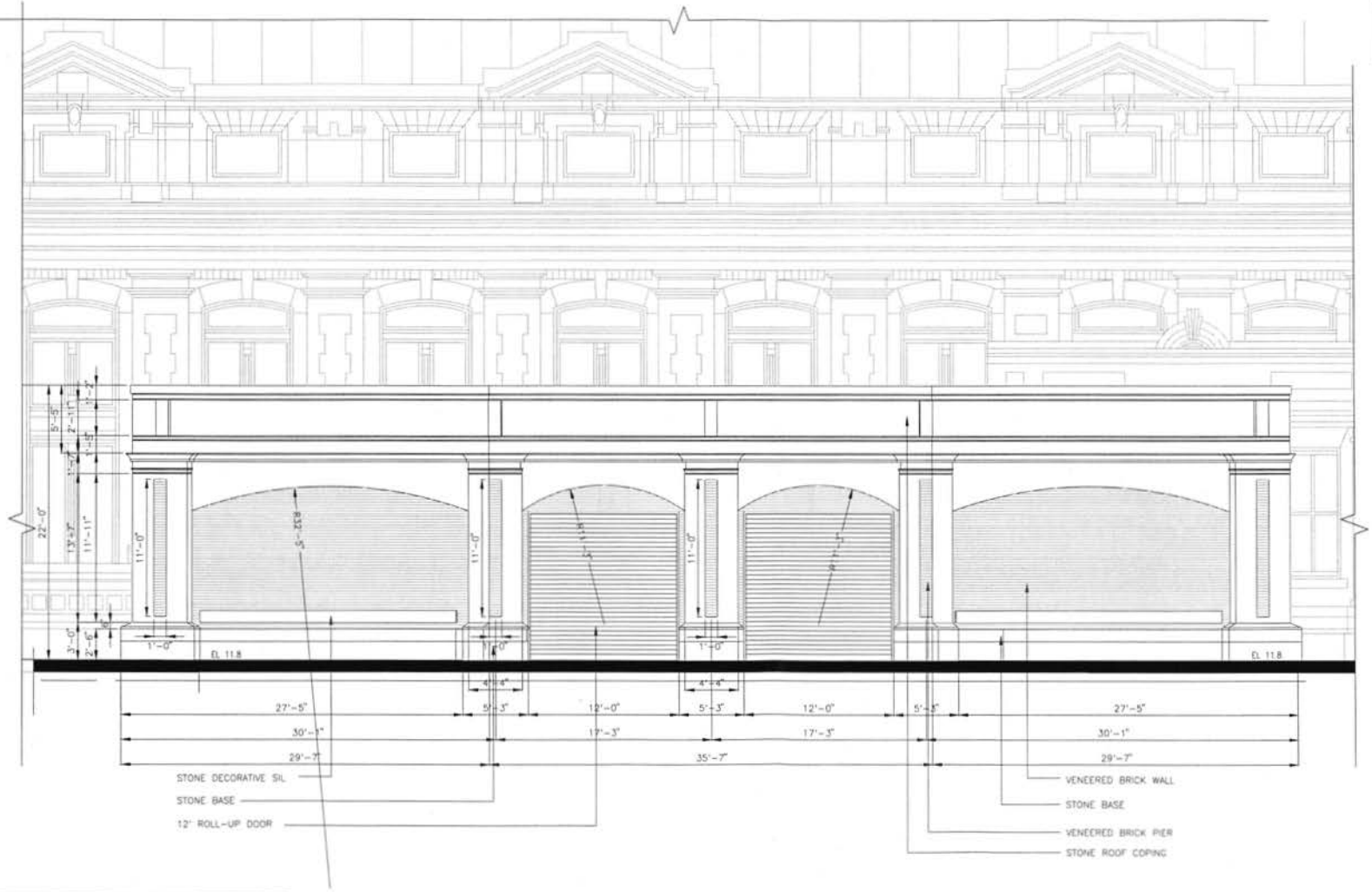
devrouax & purnell

REDUCTION VERIFICATION SCALE 0 10 INCHES

JOB	K101	SHEET X	OF XX
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☒	030220	
DESIGN	DCTA NO. ☒		
DESIGN MGR.	IN-HOUSE D.W.S.S. NO. ☒	DMSS – III	
INDEX	CPU–K101	FOREMAN–INSPECTOR	

POST–BID REVISION

NO.	DESCRIPTION	BY	DATE



EAST ELEVATION–A

1/4" = 1'-0"

PRE–BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & 'O' STREET PUMPING STATION REHABILITATION

MAIN PUMPING STATION(LOADOUT FACILITY)
EAST ELEVATION

ARCHITECTURAL

SCALE	1/4" = 1'-0"	DRAWN	
INTERCEPTOR		CHECKED	
SYSTEM		SUBMITTED	
SURVEYED			
DATE	FEBRUARY, 2004	RECOMMENDED	
CADD FILE	A-18(ZONING).DWG		

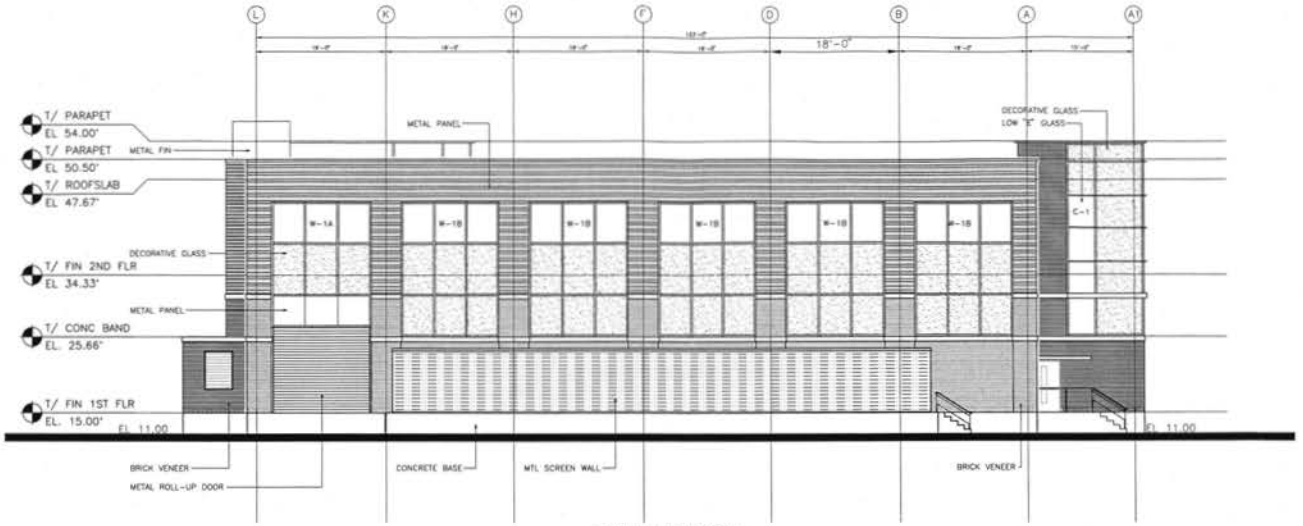
HAZEN AND SAWYER
Environmental Engineers & Scientists

devrouax & purnell

REDUCTION VERIFICATION SCALE

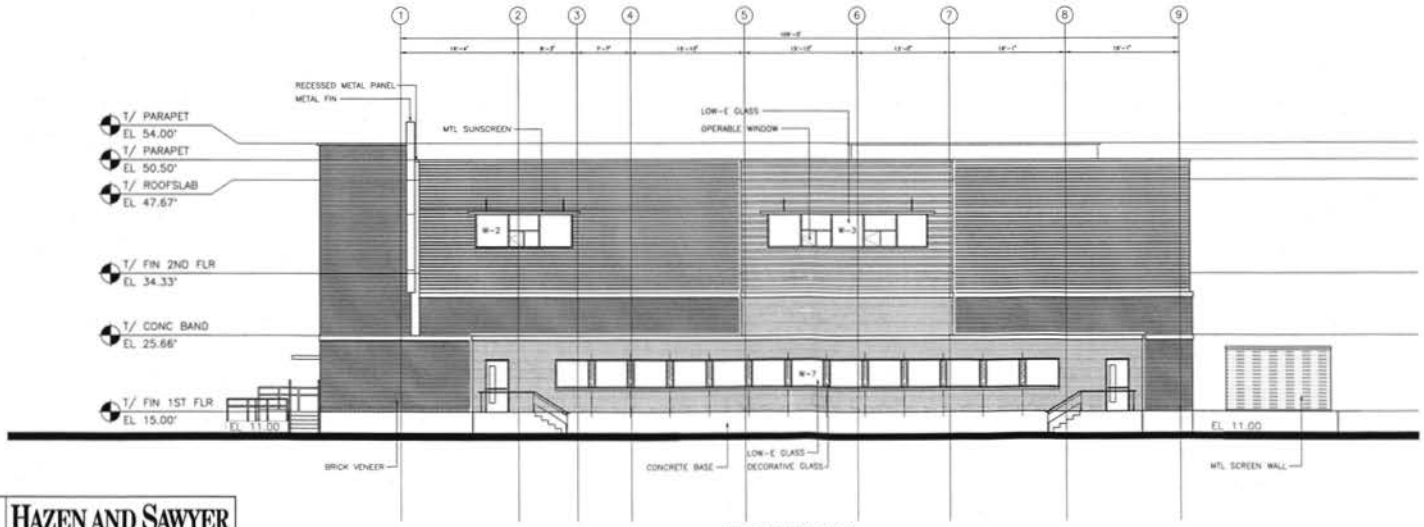
10 INCHES

A–18



NORTH ELEVATION

SCALE: 1/8" = 1'-0"



EAST ELEVATION

SCALE: 1/8" = 1'-0"

JOB	XXXXXX	SHEET XX OF XX
CONSTRUCTION	IN-HOUSE ☐ CONTRACT NO. ☒	030220
DESIGN	DCTS FILE NO. ☐ DCFA NO. ☒	-
DESIGN MGR.	IN-HOUSE ☐ D.M.S.S. NO. ☒	DMSS - III
INDEX	CRXXXXXX1	FOREMAN-INSPECTOR

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

PRE-BID REVISION

NO.	DESCRIPTION	BY	DATE

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & "O" STREET PUMPING STATION REHABILITATION

O STREET PUMPING STATION
BUILDING ELEVATIONS

ARCHITECTURAL

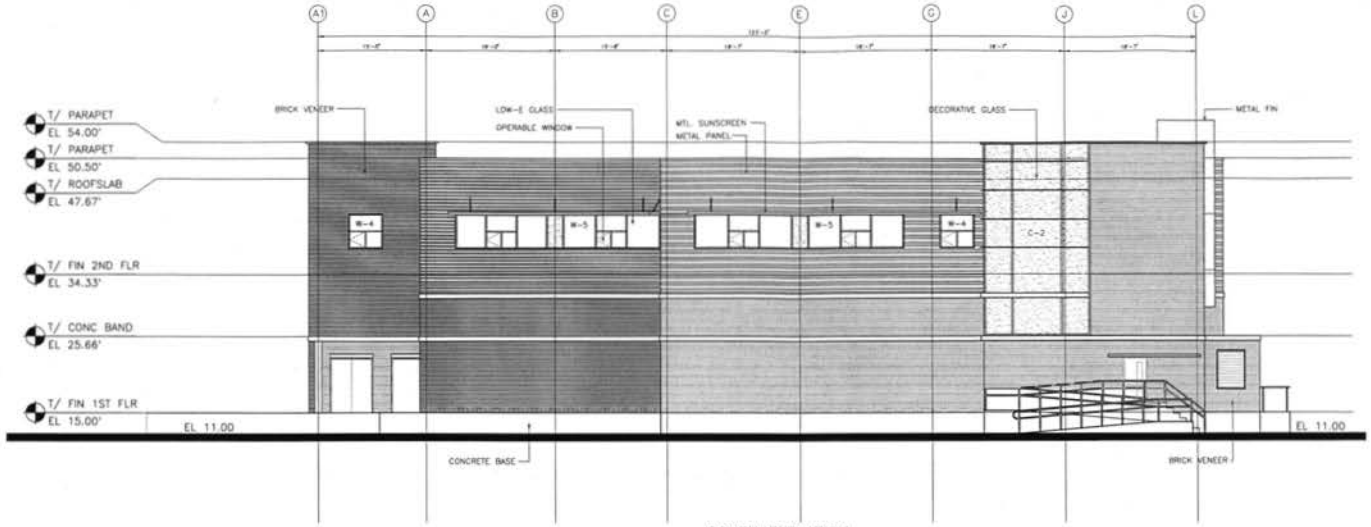
SCALE	AS SHOWN	DRAWN	CADD OPERATOR
INTERCEPTOR		CHECKED	CHECKER
SYSTEM		SUBMITTED	
SURVEYED			
DATE	FEBRUARY, 2004	RECOMMENDED	
CADD FILE	K:\ZA\ZONING\[illegible]		

HAZEN AND SAWYER
Environmental Engineers & Scientists

devrouax & purnell

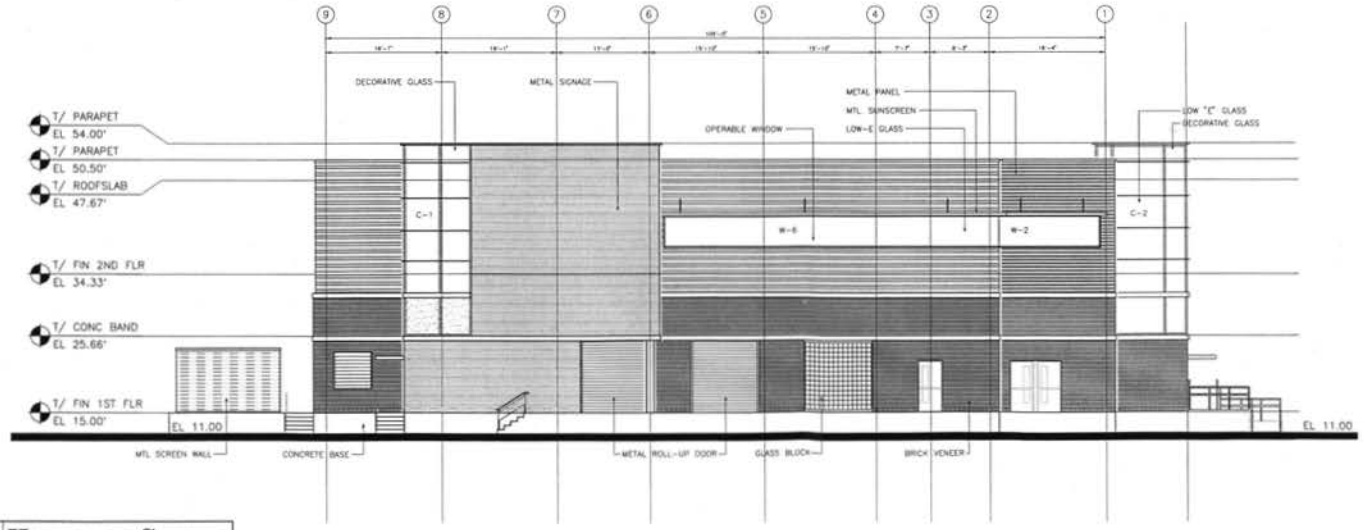
REDUCTION VERIFICATION SCALE 0 10 INCHES

A-24



SOUTH ELEVATION

SCALE: 1/8" = 1'-0"



WEST ELEVATION

SCALE: 1/8" = 1'-0"

JOB	XXXXXX
SHEET	XX OF XX
CONSTRUCTION	IN-HOUSE ☐ CONTRACT NO. ☒ 030220
DESIGN	DCFA FILE NO. ☐ DCFA NO. ☒
DESIGN MGR.	IN-HOUSE ☐ D.M.S.S. NO. ☒ DMSS - III
INDEX	CRXXXXXX1
	FOREMAN-INSPECTOR

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

HAZEN AND SAWYER
Environmental Engineers & Scientists

devrouax & purnell

NO.	DESCRIPTION	BY	DATE
	PRE-BID REVISION		

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & 'O' STREET PUMPING STATION REHABILITATION

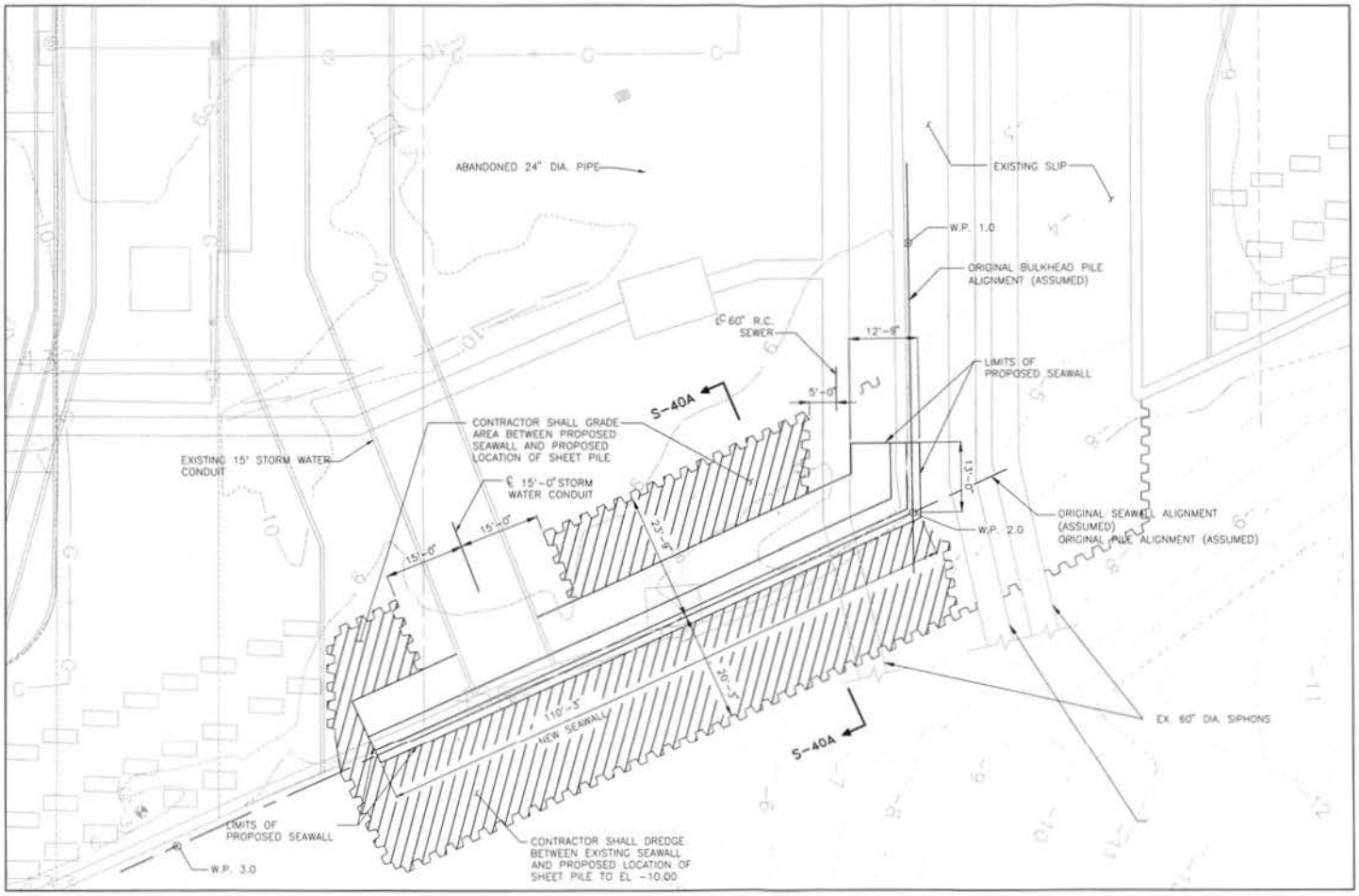
O STREET PUMPING STATION
BUILDING ELEVATION

ARCHITECTURAL

SCALE	AS SHOWN	DRAWN	CADD OPERATOR
INTERCEPTOR		CHECKED	CHECKER
SYSTEM		SUBMITTED	
SURVEYED			
DATE	FEBRUARY, 2004	RECOMMENDED	
CADD FILE	A-25(ONNO).DWG		

REDUCTION VERIFICATION SCALE 0 10 INCHES

A-25



US N

SEAWALL AND SITE PLAN

SCALE: 1" = 10'-0"

WORKING POINT	COORDINATES	
	NORTH	EAST
W.P. 1.0	378573.394680	799037.019351
W.P. 2.0	378526.114636	799037.684922
W.P. 3.0	378464.207773	798901.055715

LEGEND

AREA BEHIND EXISTING SEAWALL (GRAVITY WALL) TO BE FILLED TO PROPOSED GRADE

JOB	K101
SHEET	OF .
CONSTRUCTION	030220
DESIGN	
DESIGN MGR.	DMSS –
INDEX	CPU–K101

POST–BID REVISION

NO.	DESCRIPTION	BY	DATE

PRE–BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & 'O' STREET PUMPING STATION REHABILITATION

SEAWALL
SEAWALL PLAN

STRUCTURAL

SCALE	AS SHOWN
DRAWN	MICHAEL HYE
INTERCEPTOR	
CHECKED	ANAND JONES
SYSTEM	
SUBMITTED	
SURVEYED	
DATE	FEBRUARY, 2004
RECOMMENDED	
CADD FILE	S-39(STRMSLOW)

HAZEN AND SAWYER
Environmental Engineers & Scientists

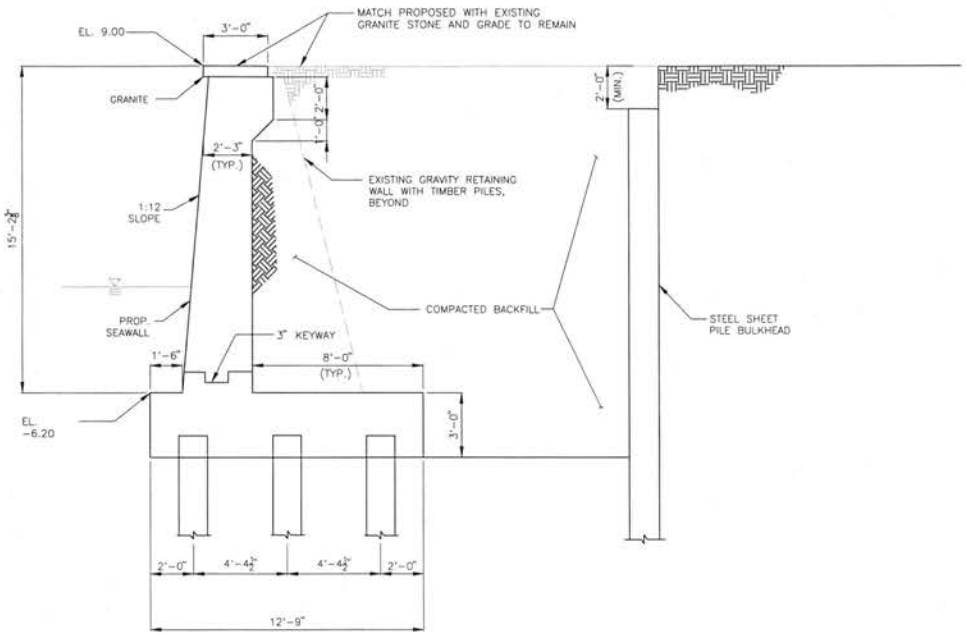
DHA DELON, HAMPTON & ASSOCIATES, CHARTERED
CONSULTING ENGINEERS - PLANNERS
WASHINGTON, D.C.

REDUCTION VERIFICATION SCALE 0 10 INCHES

JOB	K101	SHEET	OF
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☒	030220	
DESIGN	DCFA FILE NO. ☐ DCFA NO. ☒		
DESIGN MGR.	IN-HOUSE D.M.S.S. NO. ☒	DMSS – III	
INDEX	CPU-K101	FOREMAN-INSPECTOR	

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE



SECTION S-40A / S-39

SCALE: 3/8"=1'-0"

NO.	DESCRIPTION	BY	DATE

PRE-BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & 'O' STREET PUMPING STATION REHABILITATION

SEAWALL
SECTIONS AND DETAILS

STRUCTURAL

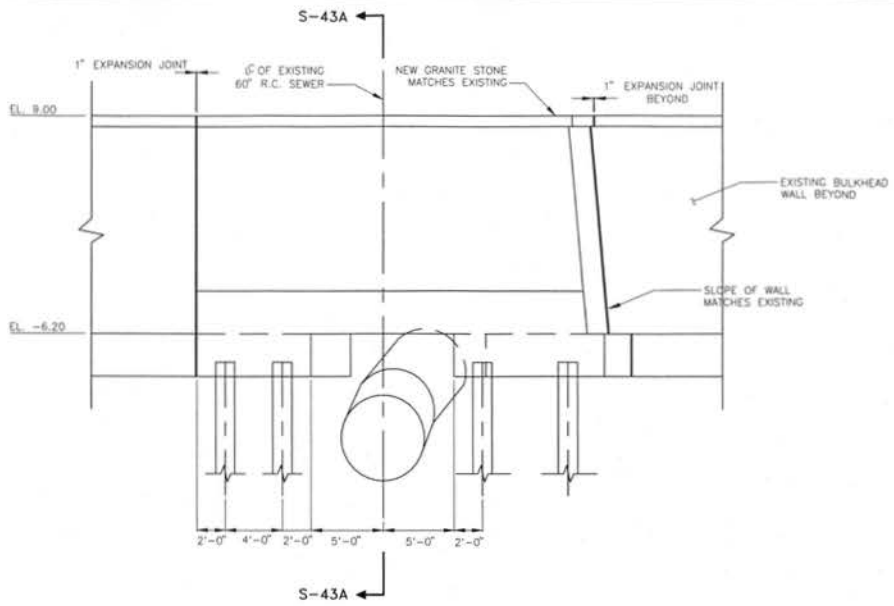
SCALE	AS SHOWN	DRAWN	MICHAEL NYE
INTERCEPTOR		CHECKED	AMAD JONES
SYSTEM		SUBMITTED	
SURVEYED			
DATE	FEBRUARY, 2004	RECOMMENDED	
CADD FILE	S-40(ZONING).DWG		

HAZEN AND SAWYER
Environmental Engineers & Scientists

DHA DELON HAMPTON & ASSOCIATES, CHARTERED
CONSULTING ENGINEERS + PLANNERS
WASHINGTON, D.C.

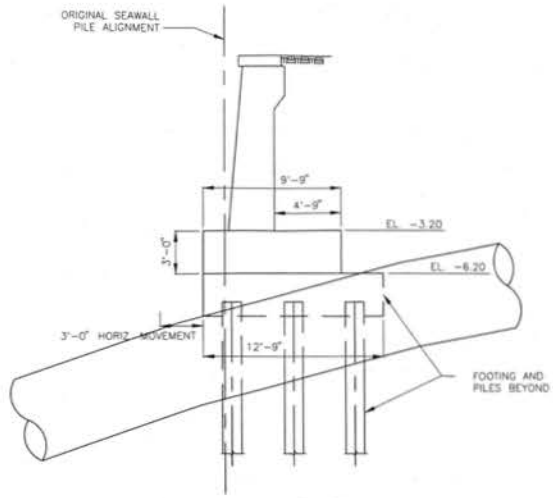
REDUCTION VERIFICATION SCALE 0 10 INCHES

S-40



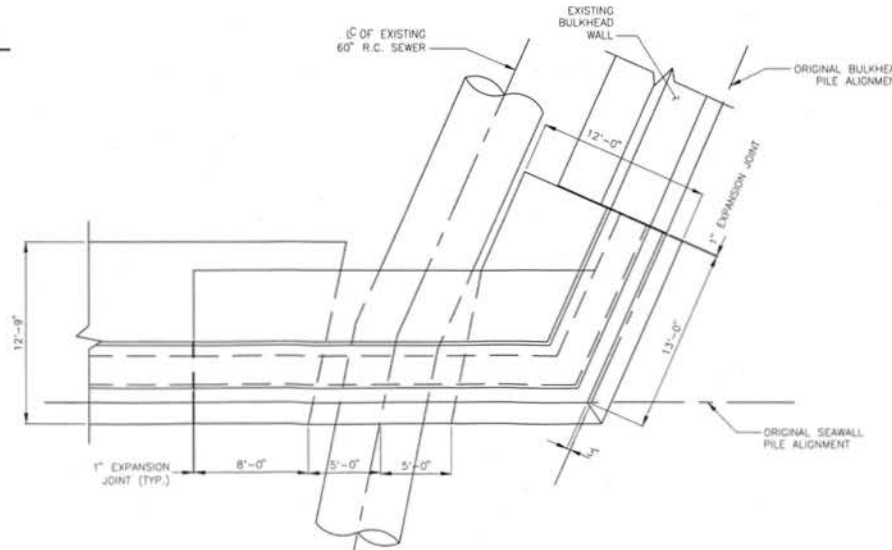
NEW WALL AROUND 60" ø R.C. SEWER PIPE

SCALE: 1/4" = 1'-0"



SECTION S-43A / S-43

SCALE: 1/4" = 1'-0"



PARTIAL PLAN

SCALE: 1/4" = 1'-0"

JOB	K101	SHEET	OF
CONSTRUCTION	IN-HOUSE CONTRACT NO. ☒	030220	
DESIGN	DCFA FILE NO. ☐ DCFA NO. ☒		
DESIGN MGR.	IN-HOUSE D.M.S.S. NO. ☒	DMSS – III	
INDEX	CPU-K101	FOREMAN-INSPECTOR	

POST-BID REVISION

NO.	DESCRIPTION	BY	DATE

FOR WALL REINFORCING, SEE DRAWING NO. S-45

NO.	DESCRIPTION	BY	DATE

PRE-BID REVISION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

SEWERAGE SYSTEM
MAIN & "O" STREET PUMPING STATION REHABILITATION

SEAWALL
60 INCH R.C. SEWER PARTIAL PLAN AND ELEVATION

STRUCTURAL

SCALE	AS SHOWN	DRAWN	MICHAEL RYPE
INTERCEPTOR		CHECKED	AMAD JONES
SYSTEM		SUBMITTED	
SURVEYED			
DATE	FEBRUARY, 2004	RECOMMENDED	
CADD FILE	S-43Z(SNAP).DWG		

HAZEN AND SAWYER
Environmental Engineers & Scientists

DHA DELON HAMPTON & ASSOCIATES, CHARTERED
CONSULTING ENGINEERS – PLANNERS
WASHINGTON, D.C.

REDUCTION VERIFICATION SCALE 0 10 INCHES

S-43

FILE = E:\448_831 Main & O Street Pump Station\Main Pump Station\Drawings\DWG\Rehmann\