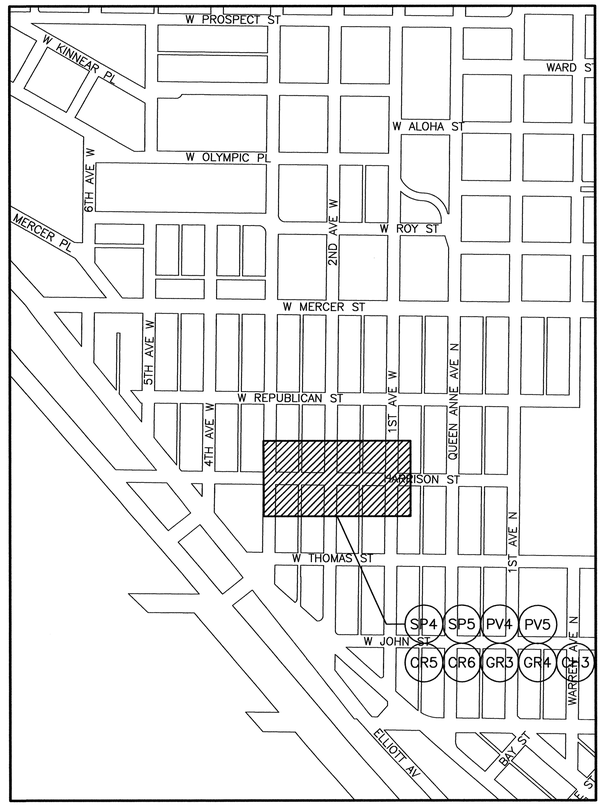

SHEET LOCATION MAP

SCALE: 1" = 400'

SHEET INDEX

LTB–HARRISON		
SHEET	DRAWING	SHEET DESCRIPTION
24	CV4	COVER SHEET
25	SV3	SURVEY CONTROL PLAN
26–27	SP3–SP4	SITE PREPARATION PLAN
28–29	PV4–PV5	PAVING PLAN
30–31	CR5–CR6	CURB RAMP PLAN
32–33	GR3–GR4	GRADING & DRAINAGE PLAN
34	CH3	CHANNELIZATION & SIGNING PLAN

CV4
LTB–HARRISON
COVER SHEET

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
38273			REVISIONS			

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DRAWN . NNS. . 1–31–14 . . . . .
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REVIEWED:
DES. . . . . CONST. . . . . .
SDOT . . . . . PROJ. MGR. . . .
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REVISED AS BUILT . . . . . .

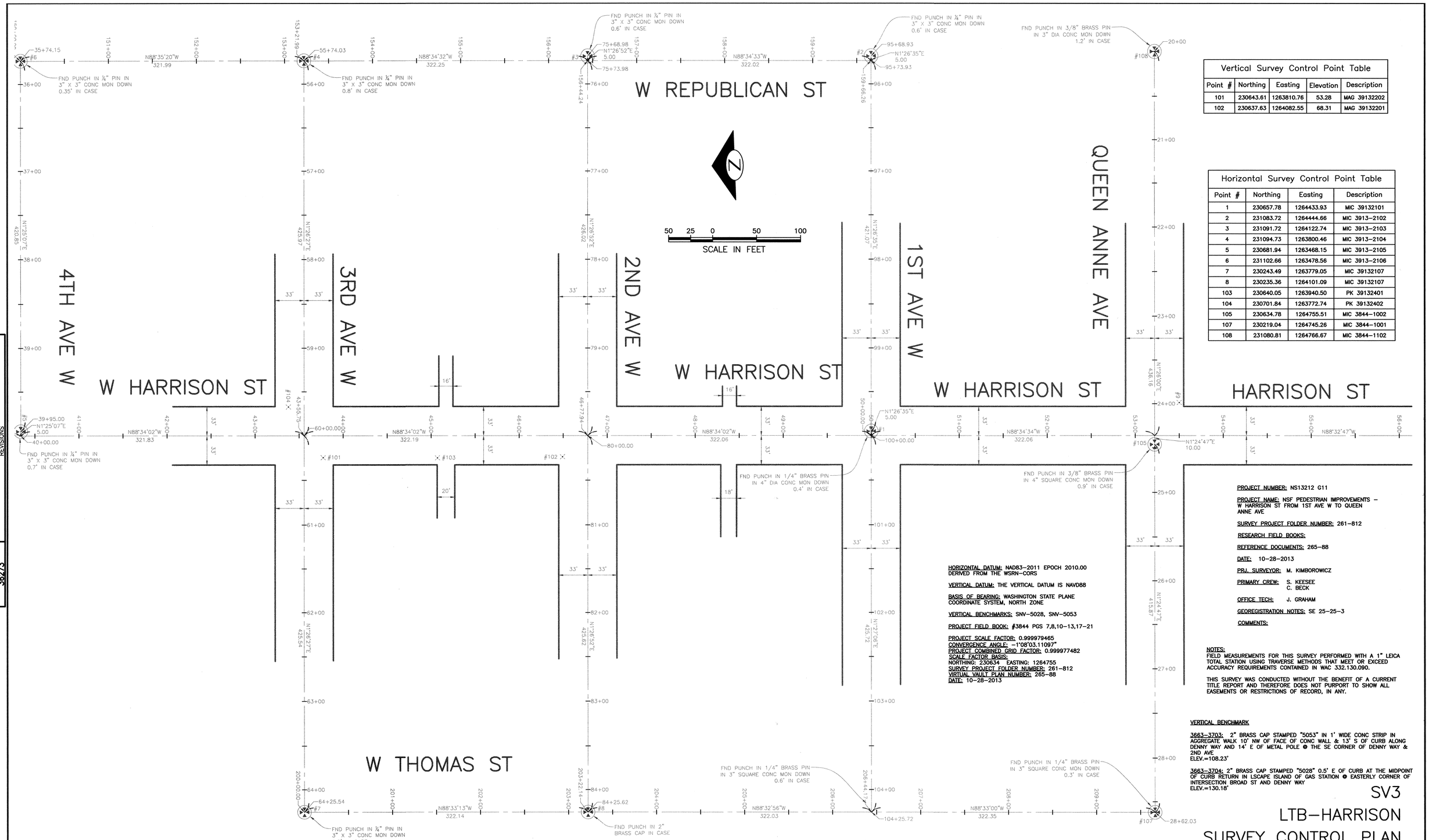
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

NICHOLAS N. SHROPE
STATE OF WASHINGTON
45271
REGISTERED
PROFESSIONAL ENGINEER
12-16-14

City of Seattle
Seattle Department of Transportation
ORDINANCE NO. . . . . APPROVED. . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK . . . . . .

NSF PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A R/W CO TS6052C
VAULT PLAN NO. 790–136
SHEET 24 OF 52



Vertical Survey Control Point Table				
Point #	Northing	Easting	Elevation	Description
101	230643.61	1263810.76	53.28	MAG 39132202
102	230637.63	1264082.55	68.31	MAG 39132201

Horizontal Survey Control Point Table			
Point #	Northing	Easting	Description
1	230657.78	1264433.93	MIC 39132101
2	231083.72	1264444.66	MIC 3913–2102
3	231091.72	1264122.74	MIC 3913–2103
4	231094.73	1263800.46	MIC 3913–2104
5	230681.94	1263468.15	MIC 3913–2105
6	231102.66	1263478.56	MIC 3913–2106
7	230243.49	1263779.05	MIC 39132107
8	230235.36	1264101.09	MIC 39132107
103	230640.05	1263940.50	PK 39132401
104	230701.84	1263772.74	PK 39132402
105	230634.78	1264755.51	MIC 3844–1002
107	230219.04	1264745.26	MIC 3844–1001
108	231080.81	1264766.67	MIC 3844–1102

PROJECT NUMBER: NS13212 G11

PROJECT NAME: NSF PEDESTRIAN IMPROVEMENTS – W HARRISON ST FROM 1ST AVE W TO QUEEN ANNE AVE

SURVEY PROJECT FOLDER NUMBER: 261–812

RESEARCH FIELD BOOKS:

REFERENCE DOCUMENTS: 265–88

DATE: 10–28–2013

PRJ. SURVEYOR: M. KIMBOROWICZ

PRIMARY CREW: S. KEESEE
C. BECK

OFFICE TECH: J. GRAHAM

GEOREGISTRATION NOTES: SE 25–25–3

COMMENTS:

HORIZONTAL DATUM: NAD83–2011 EPOCH 2010.00 DERIVED FROM THE WSRN–CORS

VERTICAL DATUM: THE VERTICAL DATUM IS NAVD88

BASIS OF BEARING: WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE

VERTICAL BENCHMARKS: SNV–5028, SNV–5053

PROJECT FIELD BOOK: #3844 PGS 7,8,10–13,17–21

PROJECT SCALE FACTOR: 0.999979465
CONVERGENCE ANGLE: –1°08'03.11097"
PROJECT COMBINED GRID FACTOR: 0.999977482
SCALE FACTOR BASIS:
NORTHING: 230634 EASTING: 1264755
SURVEY PROJECT FOLDER NUMBER: 261–812
VIRTUAL VAULT PLAN NUMBER: 265–88
DATE: 10–28–2013

NOTES:
FIELD MEASUREMENTS FOR THIS SURVEY PERFORMED WITH A 1" LEICA TOTAL STATION USING TRAVERSE METHODS THAT MEET OR EXCEED ACCURACY REQUIREMENTS CONTAINED IN WAC 332.130.090.

THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT AND THEREFORE DOES NOT PURPORT TO SHOW ALL EASEMENTS OR RESTRICTIONS OF RECORD, IN ANY.

VERTICAL BENCHMARK

3663–3703: 2" BRASS CAP STAMPED "5053" IN 1' WIDE CONC STRIP IN AGGREGATE WALK 10' NW OF FACE OF CONC WALL & 13' S OF CURB ALONG DENNY WAY AND 14' E OF METAL POLE ⊕ THE SE CORNER OF DENNY WAY & 2ND AVE
ELEV.=108.23'

3663–3704: 2" BRASS CAP STAMPED "5028" 0.5' E OF CURB AT THE MIDPOINT OF CURB RETURN IN LSCAPE ISLAND OF GAS STATION ⊕ EASTERLY CORNER OF INTERSECTION BROAD ST AND DENNY WAY
ELEV.=130.18'

SV3

LTB–HARRISON

SURVEY CONTROL PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
36273						

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CHECKED . . . . . .

INITIALS AND DATE
REVIEWED:
DES. . . . . CONST. . . . . .
SDOT . . . . . PROJ. MGR. . . . .
RECEIVED . . . . . .
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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

12-16-14
MARK H. KIMBOROWICZ
STATE OF WASHINGTON
38862
REGISTERED
PROFESSIONAL LAND SURVEYOR

City of Seattle
Seattle Department of Transportation

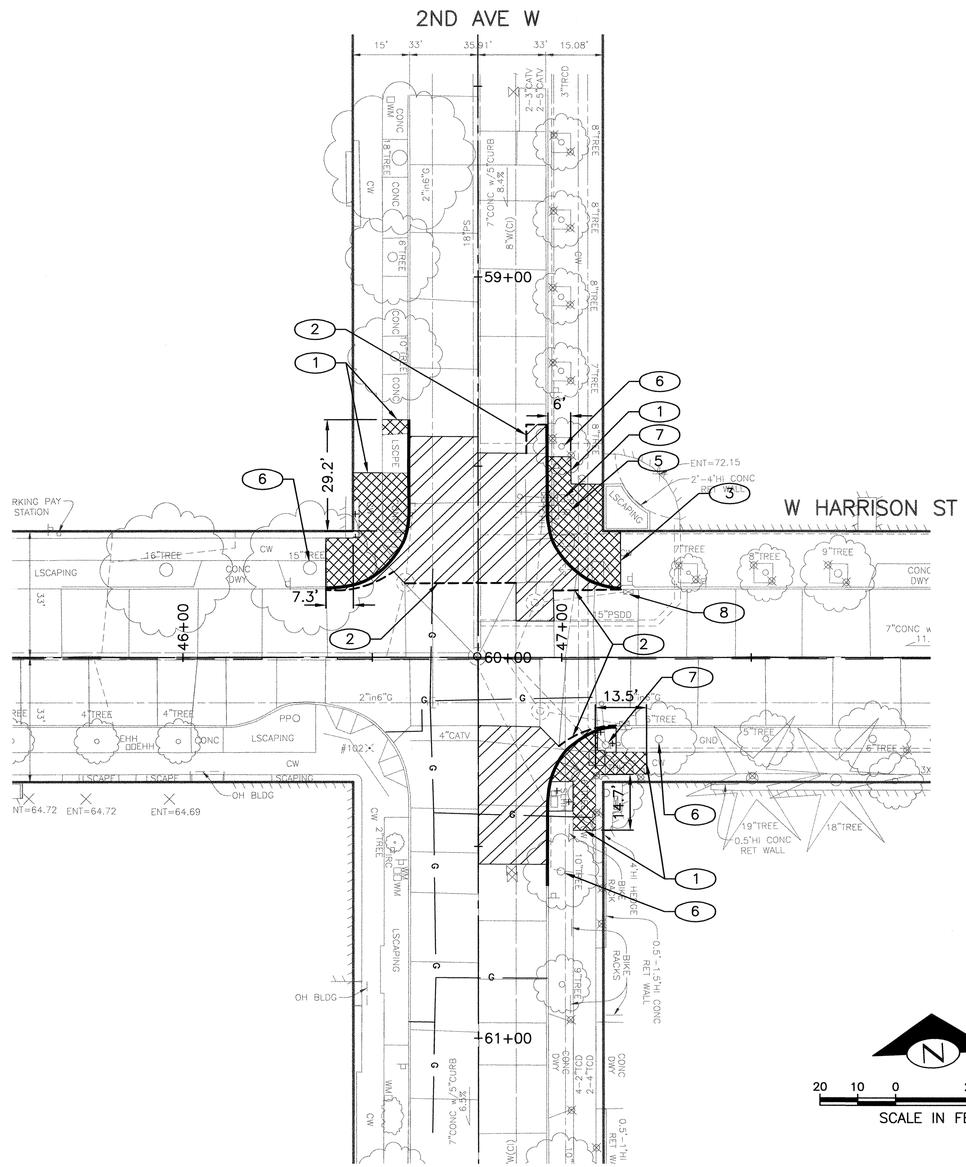
ORDINANCE NO. . . . . APPROVED. . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK . . . . . .

NSF PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A
R/W
CO TS6052C

VAULT PLAN NO. 790–136

SHEET 25 OF 52



SITE PREPARATION LEGEND:

- REMOVE PAVEMENT
- REMOVE CEM CONC SIDEWALK
- REMOVE ASPHALT PAVEMENT
- CLEARING AND GRUBBING
- REMOVE CURB
- SAWCUT LINE

CONSTRUCTION NOTES

1. REMOVE EX CEM CONC SIDEWALK AT EX JOINT
2. SAWCUT RIGID PAVEMENT, FULL DEPTH. SEE SECTION 2-02.3(3) AND 2.02.3(6)A.
3. REMOVE EX ASPHALT SIDEWALK AT EX JOINT
4. SAWCUT EX ASPHALT CONC, FULL DEPTH
5. HYDRANT TO BE RELOCATED BY SPU, SEE PAVING PLANS.
6. PROTECT TREE PER STD PLAN 132A AND COS STD SPEC 1-07.16(2) AND 8-01.3(2)B.
7. PROTECT EX LIGHT POLE
8. PROTECT EX INLET
9. PROTECT EX HYDRANT

GENERAL NOTES

1. ALL STATIONS AND OFFSETS ARE FROM THE W HARRISON ST-LINE, UNLESS OTHERWISE NOTED.
2. PROTECT EXISTING UTILITIES UNLESS OTHERWISE NOTED. SEE STD SPEC 1-17.16.
3. FOR REMOVAL AND RELOCATION OF TRAFFIC SIGNAGE, SEE CHANNELIZATION PLAN.
4. FOR REMOVAL AND RELOCATION OF FIRE HYDRANT BY SPU, SEE PAVING PLAN.
5. FOR UTILITY ADJUSTMENTS AND RELOCATIONS, SEE PAVING PLAN.
6. FOR REMOVAL AND ADJUSTMENTS OF DRAINAGE STRUCTURES, SEE GRADING AND DRAINAGE PLAN.
7. INSTALL INLET PROTECTION ON ALL NEW AND EXISTING INLETS AND CATCH BASINS UNLESS OTHERWISE SPECIFIED. SEE SECTION 8-01.3(12)B.
8. ALL WATER METER BOXES SHALL BE ADJUSTED TO FINISHED GRADE IN ACCORDANCE WITH SECTION 7-20.3(1)A.
9. EXISTING CAST IRON WATERMAIN AND BLOCKING SHALL BE PROTECTED DURING PAVEMENT AND SIDEWALK REMOVAL WORK USING LOW VIBRATION PAVEMENT REMOVAL METHODS. WHERE EXCAVATION IS WITHIN 1.5 VERTICAL FEET OF WATERMAIN, EXCAVATION SHALL BE BY HAND OR VACUUM. SEE SECTION 1-07.16 AND 1-07.17. SEE SECTION 1-07.28 FOR SPU NOTIFICATION REQUIREMENTS.

SP4
LTB-HARRISON
SITE PREPARATION PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
38273			REVISIONS			

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SEATTLE, WASHINGTON . . . . . 20 . . .
BY: . . . . . .
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NAME OR INITIALS AND DATE	INITIALS AND DATE
DESIGNED NS, KF	REVIEWED:
CHECKED NS	DES. CONST.
	SDOT PROJ. MGR.
DRAWN NS, KF	RECEIVED
CHECKED NS	REVISED AS BUILT

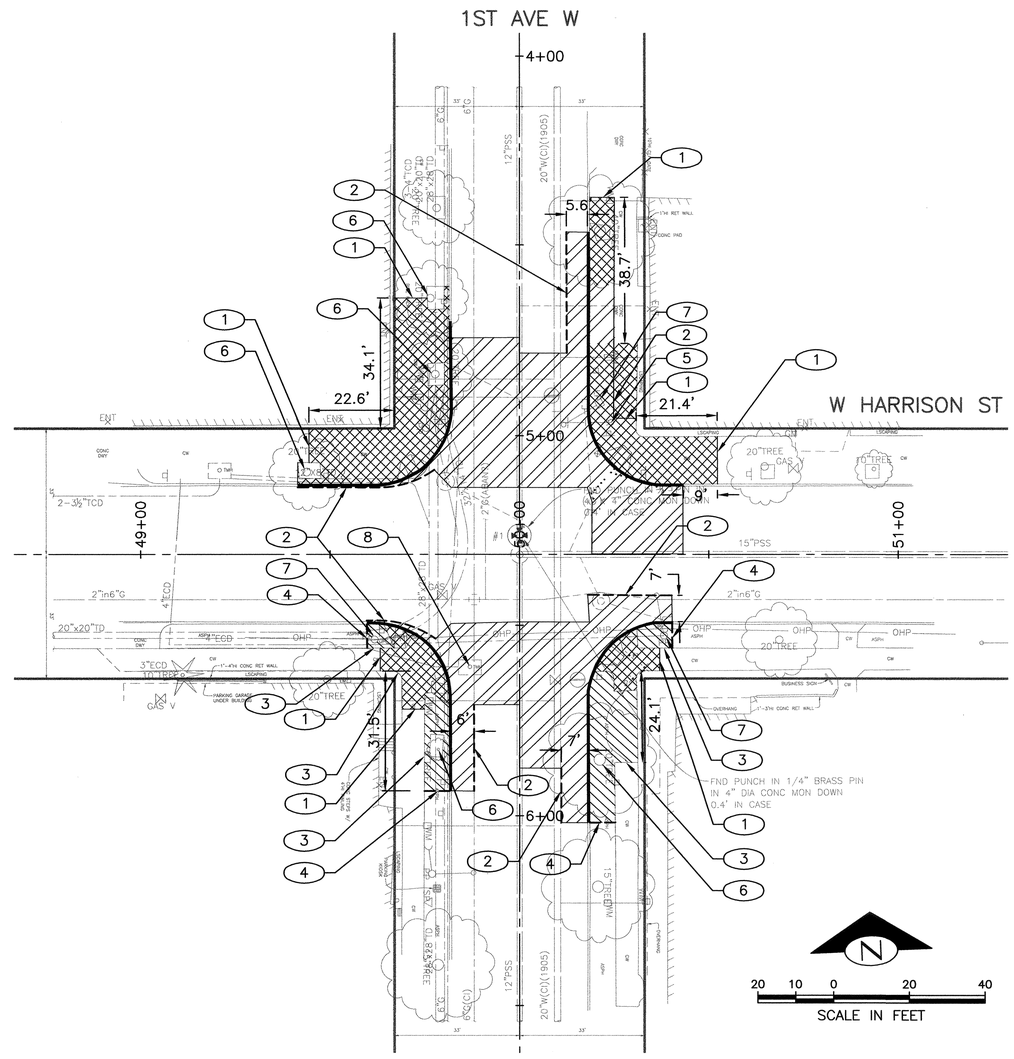
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

NICHOLAS N. SHIPES
STATE OF WASHINGTON
45271
REGISTERED PROFESSIONAL ENGINEER
12-16-14

City of Seattle
Seattle Department of Transportation
ORDINANCE NO. . . . . APPROVED . . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK . . . . . .

NSF PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A R/W CO TS6052C
VAULT PLAN NO. 790-136
SHEET 26 OF 52



SITE PREPARATION LEGEND:

- REMOVE PAVEMENT
- REMOVE CEM CONC SIDEWALK
- REMOVE ASPHALT PAVEMENT
- CLEARING AND GRUBBING
- REMOVE CURB
- SAWCUT LINE

CONSTRUCTION NOTES

1. REMOVE EX CEM CONC SIDEWALK AT EX JOINT
2. SAWCUT RIGID PAVEMENT, FULL DEPTH. SEE SECTION 2-02.3(3) AND 2.02.3(6)A.
3. REMOVE EX ASPHALT SIDEWALK AT EX JOINT
4. SAWCUT EX ASPHALT CONC, FULL DEPTH
5. HYDRANT TO BE RELOCATED BY SPU, SEE PAVING PLANS.
6. PROTECT TREE PER STD PLAN 132A AND COS STD SPEC 1-07.16(2) AND 8-01.3(2)B.
7. PROTECT EX LIGHT POLE
8. PROTECT EX INLET
9. PROTECT EX HYDRANT

GENERAL NOTES

1. ALL STATIONS AND OFFSETS ARE FROM THE W HARRISON ST-LINE, UNLESS OTHERWISE NOTED.
2. PROTECT EXISTING UTILITIES UNLESS OTHERWISE NOTED. SEE STD SPEC 1-17.16.
3. FOR REMOVAL AND RELOCATION OF TRAFFIC SIGNAGE, SEE CHANNELIZATION PLAN.
4. FOR REMOVAL AND RELOCATION OF FIRE HYDRANT BY SPU, SEE PAVING PLAN.
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6. FOR REMOVAL AND ADJUSTMENTS OF DRAINAGE STRUCTURES, SEE GRADING AND DRAINAGE PLAN.
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SP5
LTB-HARRISON
SITE PREPARATION PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
36273						

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SDOT . . . . . PROJ. MGR. . . .
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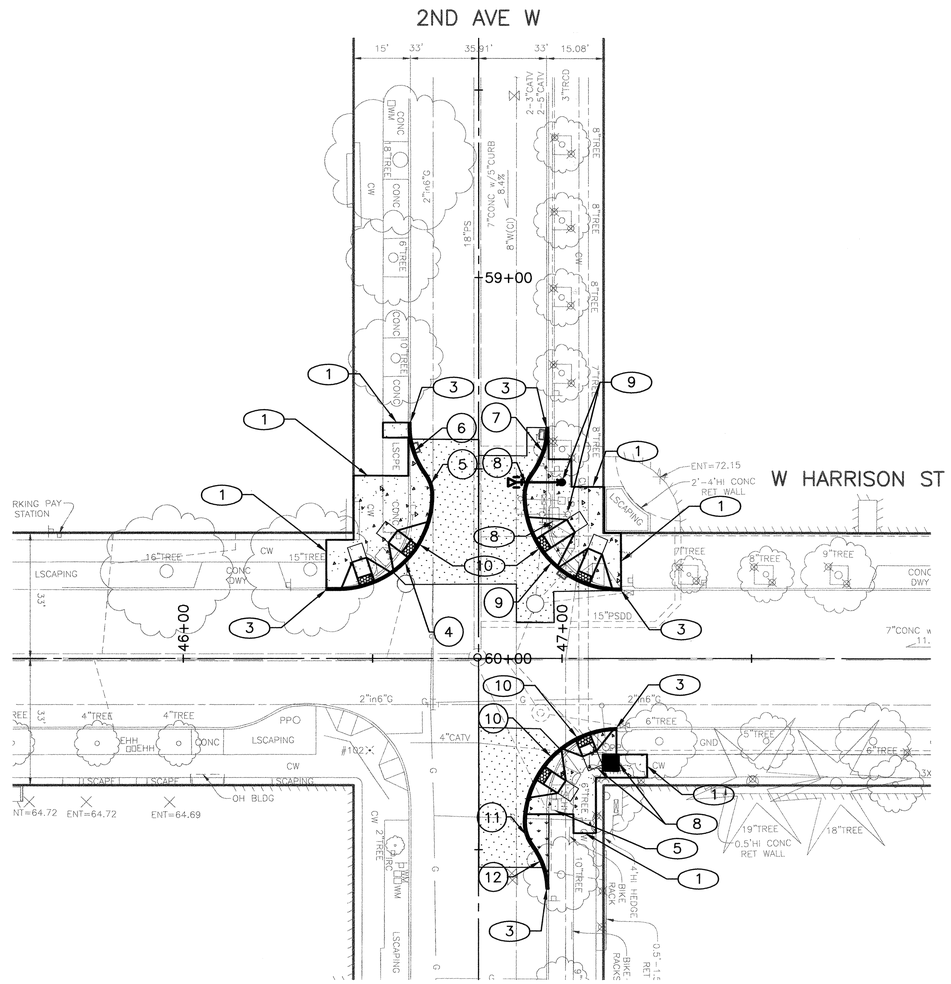
NICHOLAS N. SHROPE
STATE OF WASHINGTON
45271
REGISTERED PROFESSIONAL ENGINEER
12-16-14

City of Seattle
Seattle Department of Transportation
ORDINANCE NO. . . . . APPROVED . . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK . . . . . .

NSF
PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A
R/W
CO TS6052C
VAULT PLAN NO. 790-136
SHEET 27 OF 52



PAVING LEGEND:

- ROADWAY PAVEMENT, 10" CEM CONC, OVER 6" MNRL AGG TYPE 2, PER STD PLAN 402A.
- SIDEWALK CEM CONC, W/25% POZZOLANS PER STD PLANS 420 & 421.
- DRIVEWAY CEM CONC, HES 24HR, 6". SEE STD PLAN 430.
- SEEDED LAWN & SOIL AMENDMENT FOR TURF(LAWN) AREA, PER STD PLAN 142
- CURB RAMP, TYPE 422A, W/25% POZZOLANS. FOR CURB RAMP DETAIL SEE CR PLAN.

CONSTRUCTION NOTES

1. MATCH EX SIDEWALK
2. MATCH EX DRIVEWAY
3. MATCH EX CURB
4. NOT USED
5. ADJUST EX HANDHOLE TO FINISHED GRADE
6. ADJUST EX WATER METER BOX TO FINISHED GRADE
7. RELOCATE EX BIKE RACK
8. RELOCATE EX HANDHOLE
9. RELOCATE FIRE HYDRANT BY SPU
10. CURB RESTORATION TYPE 3. SEE DT3 ON SHEET PDT1 FOR DETAIL.

GENERAL NOTES

1. ALL STATION AND OFFSET CALLOUTS ARE FROM THE HARRISON–LINE UNLESS OTHERWISE NOTED.
2. ALL WATER METER BOXES SHALL BE ADJUSTED TO FINISHED GRADE IN ACCORDANCE WITH SECTION 7.20.3(1)A.
3. SPU WILL INSTALL HYDRANT AND LATERAL AFTER VALVE WITH CONTRACTOR ASSISTANCE. SEE SECTION 7–20.3(1)F.

CURB RETURN SCHEDULE – W HARRISON ST & 2ND AVE W

						ELEVATIONS AT GUTTER				
#	PC – STA, OFFSET	PT – STA, OFFSET	RADIUS (FT)	LENGTH (FT)	Δ	PC	1/4	1/2	3/4	PT
4	46+40.93, LT 17.99'	46+65.93. LT 42.98'	25	39.26	89.98°	67.75	68.13	68.58	69.12	69.69
5	46+65.93. LT 42.98'	46+63.93, LT 48.98'	10	6.43	36.87°	69.69	69.77	69.88	69.97	70.04
6	46+63.93, LT 48.98'	46+59.94, LT 60.99'	20	12.87	36.87°	70.04	70.18	70.36	70.58	70.84
7	46+95.89, LT 60.92'	46+92.26, LT 49.44'	20	12.87	36.87°	71.85	71.59	71.29	71.08	70.86
8	46+92.26, LT 49.44'	46+89.88, LT 42.92'	10	6.44	36.87°	70.86	70.78	70.66	70.57	70.47
9	46+89.88, LT 42.92'	47+14.88, LT 17.92'	25	39.28	90.02°	70.47	69.99	69.68	69.86	70.60
10	47+14.30, RT 18.14'	46+89.92, RT 42.94'	25	38.46	88.13°	70.46	69.72	69.12	68.67	68.17
11	46+89.92, RT 42.94'	46+91.92, RT 48.94'	10	6.44	35.33°	68.17	68.07	67.97	67.87	67.79
12	46+91.92, RT 48.94'	46+95.91, RT 60.43'	20	12.33	36.87°	67.79	67.63	67.45	67.26	67.07

N

20 10 0 20 40

SCALE IN FEET

PV4

LTB–HARRISON

PAVING PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38273						

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CHECKED . NS. . . . . .
DRAWN . NS, KF . . . . . .
CHECKED . NS . . . . . .

INITIALS AND DATE
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DES. . . . . CONST. . . . . .
SDOT . . . . . PROJ. MGR. . . . . .
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NICHOLAS N. SHROPE
STATE OF WASHINGTON
45271
REGISTERED PROFESSIONAL ENGINEER
12-16-14

City of Seattle
Seattle Department of Transportation

ORDINANCE NO. . . . . APPROVED. . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK . . . . . .

NSF PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A R/W CO TS6052C

VAULT PLAN NO. 790–136

SHEET 28 OF 52

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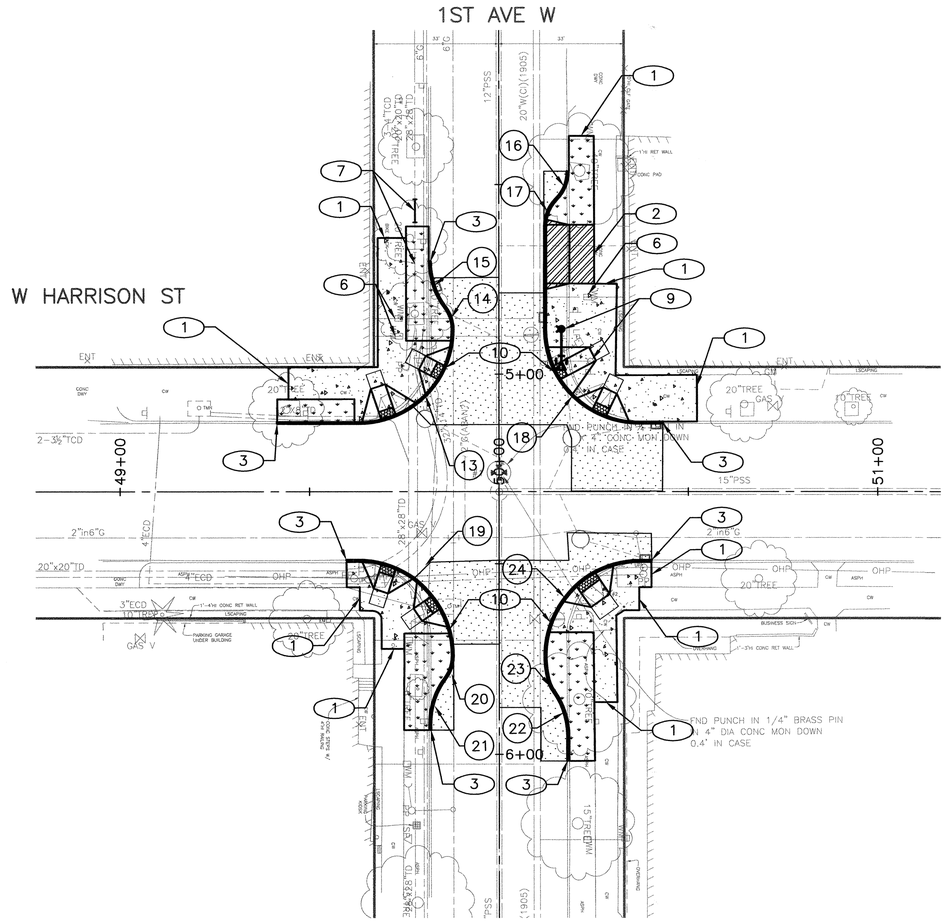


PAVING LEGEND:

- ROADWAY PAVEMENT, 10" CEM CONC, OVER 6" MNRL AGG TYPE 2, PER STD PLAN 402A.
- SIDEWALK CEM CONC, W/25% POZZOLANS PER STD PLANS 420 & 421.
- DRIVEWAY CEM CONC, HES 24HR, 6". SEE STD PLAN 430.
- SEEDED LAWN & SOIL AMENDMENT FOR TURF(LAWN) AREA, PER STD PLAN 142
- CURB RAMP, TYPE 422A, W/25% POZZOLANS. FOR CURB RAMP DETAIL SEE CR PLAN.

CONSTRUCTION NOTES

1. MATCH EX SIDEWALK
2. MATCH EX DRIVEWAY
3. MATCH EX CURB
4. NOT USED
5. ADJUST EX HANDHOLE TO FINISHED GRADE
6. ADJUST EX WATER METER BOX TO FINISHED GRADE
7. RELOCATE EX BIKE RACK
8. RELOCATE EX HANDHOLE
9. RELOCATE FIRE HYDRANT BY SPU
10. CURB RESTORATION TYPE 3. SEE DT3 ON SHEET PDT1 FOR DETAIL.

GENERAL NOTES

1. ALL STATION AND OFFSET CALLOUTS ARE FROM THE HARRISON–LINE UNLESS OTHERWISE NOTED.
2. ALL WATER METER BOXES SHALL BE ADJUSTED TO FINISHED GRADE IN ACCORDANCE WITH SECTION 7.20.3(1)A.
3. SPU WILL INSTALL HYDRANT AND LATERAL AFTER VALVE WITH CONTRACTOR ASSISTANCE. SEE SECTION 7–20.3(1)F.

CURB RETURN SCHEDULE – W HARRISON ST & 1ST AVE W

						ELEVATIONS AT GUTTER				
#	PC – STA, OFFSET	PT – STA, OFFSET	RADIUS (FT)	LENGTH (FT)	Δ	PC	1/4	1/2	3/4	PT
13	49+62.97, LT 17.90'	49+88.01, LT 42.90'	25	39.30	90.07°	99.82	100.39	100.88	101.21	101.62
14	49+88.01, LT 42.90'	49+85.95, LT 48.98'	10	6.43	36.87°	101.62	101.66	101.69	101.72	101.73
15	49+85.95, LT 48.98'	49+82.01, LT 60.90'	20	12.87	36.87°	101.73	101.77	101.82	101.90	102.00
16	50+17.98, LT 84.55'	50+15.02, LT 77.43'	20	7.91	45.33°	103.68	103.61	103.53	103.45	103.38
17	50+15.02, LT 77.43'	50+12.01, LT 70.24'	10	8.00	45.06°	103.38	103.31	103.22	103.15	103.07
18	50+12.01, LT 42.44'	50+37.02, LT 17.97'	25	38.75	88.81°	102.17	101.95	102.00	102.22	102.77
19	49+62.73, RT 17.85'	49+87.96, RT 42.80'	25	39.46	90.44°	99.64	100.26	100.45	100.42	100.10
20	49+87.96, RT 42.80'	49+85.97, RT 48.80'	10	6.44	36.87°	100.10	100.01	99.91	99.81	99.70
21	49+85.97, RT 48.80'	49+82.00, RT 60.81'	20	12.87	36.87°	99.70	99.48	99.27	99.08	98.90
22	50+19.99, RT 63.83'	50+14.31, RT 52.40'	20	12.20	34.94°	99.69	99.86	100.01	100.15	100.27
23	50+14.31, RT 52.40'	50+12.79, RT 49.10'	10	3.66	20.95°	100.27	100.31	100.35	100.39	100.43
24	50+12.79, RT 49.10'	50+37.12, RT 17.91'	25	45.63	104.58°	100.43	100.99	101.41	101.92	102.42

N

20 10 0 20 40

SCALE IN FEET

PV5

LTB–HARRISON

PAVING PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38273						

P:\STDrafter\2014_NSF\TS6052A Ped-Imp-LTB-Harrison\A_PLOT FILES\TS6052A_P07_PV00.dwg
Dec-16-14 10:24am

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON . . . . . 20 . .

BY: . . . . . .
PURCHASING & CONTRACTING SERVICES DIRECTOR

NAME OR INITIALS AND DATE
DESIGNED NS, KF . . . . . .
CHECKED NS . . . . . .
DRAWN NS, KF . . . . . .
CHECKED NS . . . . . .

INITIALS AND DATE
REVIEWED:
DES. . . . . CONST. . . . . .
SDOT . . . . . PROJ. MGR. . . .
RECEIVED . . . . . .
REVISED AS BUILT . . . . . .

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

NICHOLAS N. SIMONS
STATE OF WASHINGTON
45271
REGISTERED PROFESSIONAL ENGINEER
12-16-14

City of Seattle
Seattle Department of Transportation

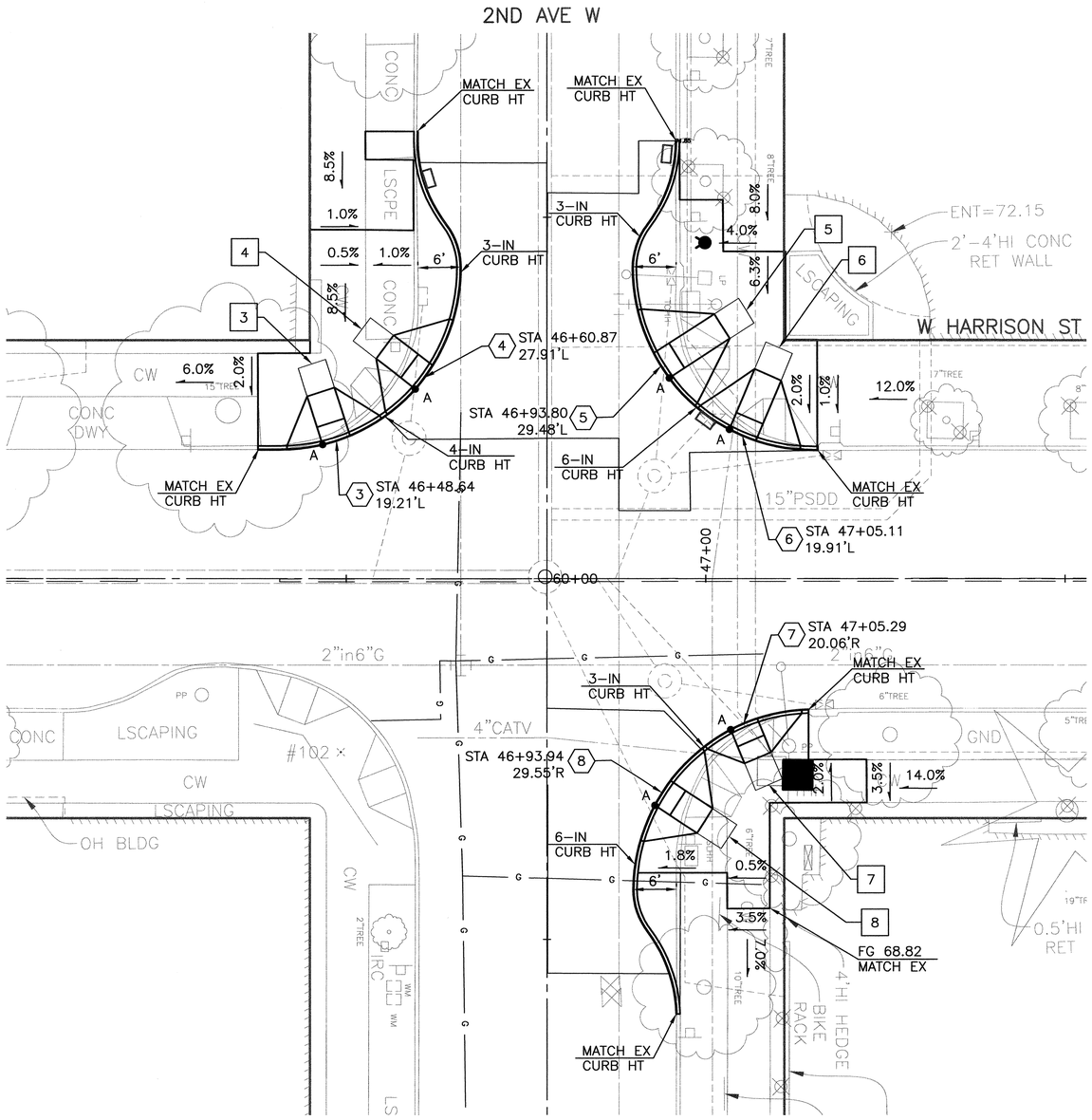
ORDINANCE NO. . . . . APPROVED. . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK . . . . . .

NSF PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A R/W CO TS6052C

VAULT PLAN NO. 790–136

SHEET 29 OF 52

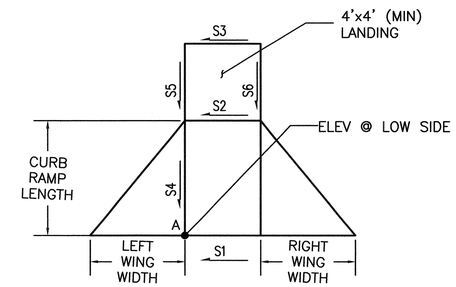


ELEVATION TABLES

#	EX ELEV	PROP ELEV
1	53.75	53.86
2	53.90	53.91
3	68.89	68.85
4	69.26	69.18
5	70.86	70.82
6	70.73	70.78
7	70.12	69.99
8	69.34	69.48

GENERAL NOTES

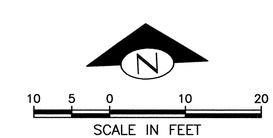
1. ALL STATION AND OFFSET CALLOUTS ARE FROM THE W HARRISON ST-LINE UNLESS OTHERWISE NOTED.
2. SEE CURB RETURN SCHEDULE FOR ELEVATIONS ALONG FLOW LINE ON PV PLAN



CURB RAMP TABLE – 2ND AVE W & W HARRISON ST

RAMP	LEFT WING WIDTH (MIN)	CURB RAMP LENGTH @ CENTER (MIN)	RIGHT WING WIDTH (MIN)	A ELEV	LOW SIDE LEFT/RIGHT	S1 %	S2 %	S3 %	S4 %	S5 %	S6 %
3	5.0	7.0	5.0	67.98	LEFT	*3.80	2.00	2.00	*10.50	2.00	2.00
4	5.0	7.0	7.0	68.65	LEFT	*4.80	2.00	2.00	6.00	2.00	2.00
5	6.0	10.0	5.0	69.76	RIGHT	*2.60	2.00	*3.00	*9.60	2.00	1.00
6	5.0	9.0	6.0	69.76	LEFT	*6.60	2.00	*3.80	*10.30	0.30	2.00
7	6.0	5.0	4.0	69.60	RIGHT	*7.60	*4.80	*3.80	4.60	1.00	2.00
8	6.0	7.0	5.0	68.78	RIGHT	*5.40	*4.00	*5.50	8.10	2.00	0.50

* ADA TO MEF



CR5
LTB-HARRISON
CURB RAMP PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
36273						

P:\STDrafter\2014_NSF\TS6052A Ped-Imp-LTB-Harrison\A_PLOT FILES\TS6052A_P08_CR00.dwg
Dec-16-14 1:42pm

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON . . . . . 20 . . .
BY: . . . . . .
PURCHASING & CONTRACTING SERVICES DIRECTOR

NAME OR INITIALS AND DATE
DESIGNED NS, KF . . . . . .
CHECKED . NS. . . . . .
DRAWN . NS, KF . . . . . .
CHECKED . NS. . . . . .

INITIALS AND DATE
REVIEWED:
DES. . . . . CONST. . . . .
SDOT . . . . . PROJ. MGR. . . .
RECEIVED . . . . . .
REVISED AS BUILT . . . . . .

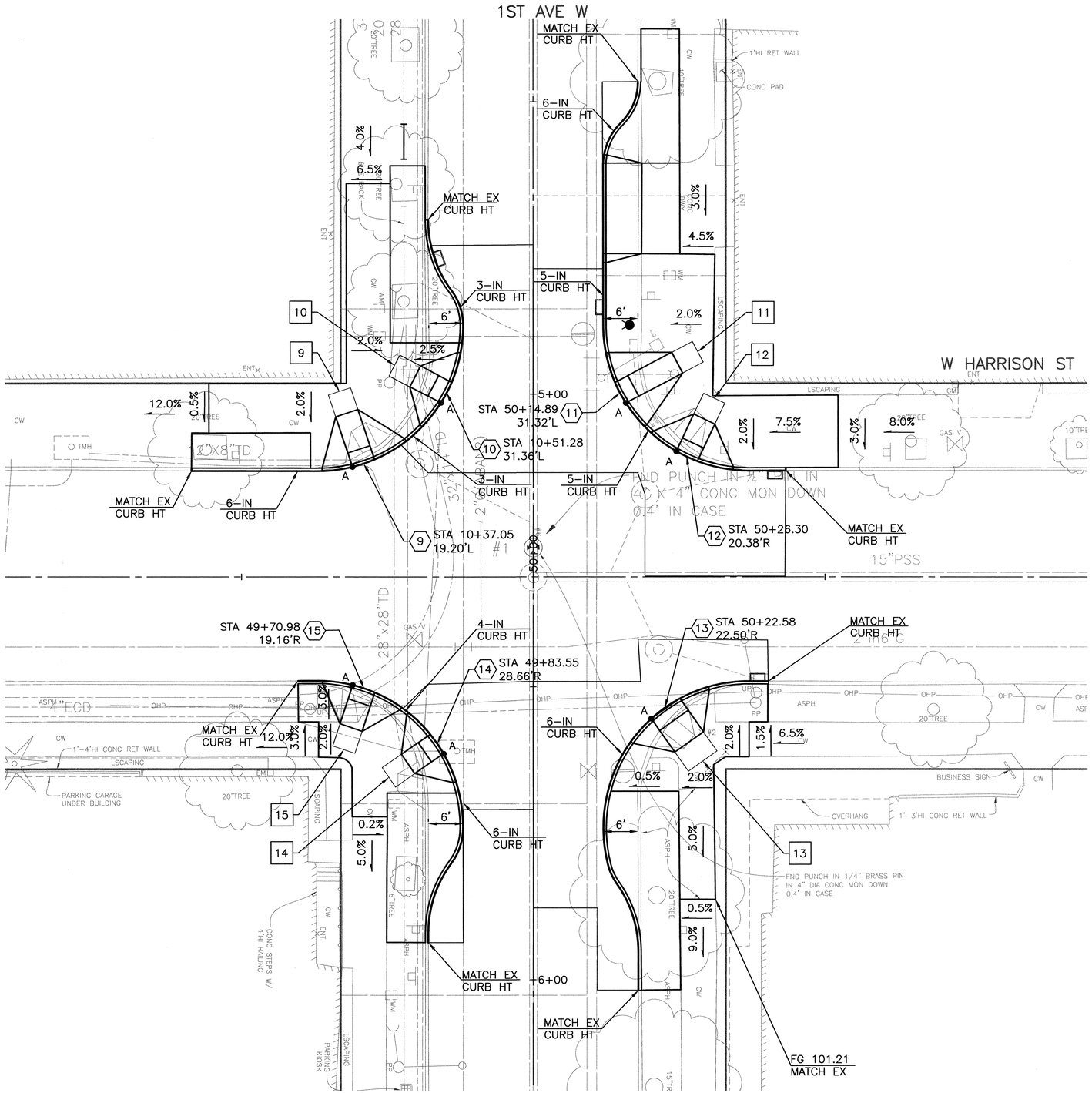
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

NICHOLAS N. SHROPE
STATE OF WASHINGTON
45271
REGISTERED PROFESSIONAL ENGINEER
12-16-14

City of Seattle
Seattle Department of Transportation
ORDINANCE NO. . . . . APPROVED. . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK . . . . . .

NSF
PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A
R/W
CO TS6052C
VAULT PLAN NO. 790-136
SHEET 30 OF 52

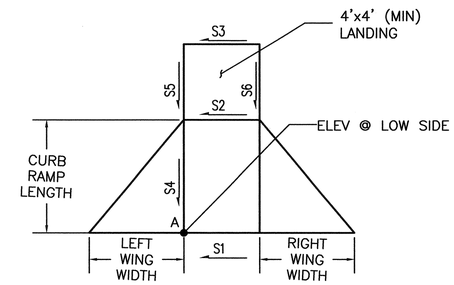


ELEVATION TABLES

#	EX ELEV	PROP ELEV
9	101.31	101.31
10	101.53	101.36
11	103.09	103.10
12	103.05	102.98
13	102.43	102.32
14	100.73	100.72
15	100.85	100.74

GENERAL NOTES

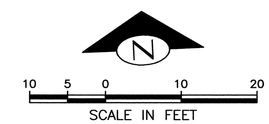
1. ALL STATION AND OFFSET CALLOUTS ARE FROM THE W HARRISON ST-LINE UNLESS OTHERWISE NOTED.
2. SEE CURB RETURN SCHEDULE FOR ELEVATIONS ALONG FLOW LINE ON PV PLAN



CURB RAMP TABLE – 1ST AVE W & W HARRISON ST

RAMP #	LEFT WING WIDTH (MIN)	CURB RAMP LENGTH @ CENTER (MIN)	RIGHT WING WIDTH (MIN)	A ELEV	LOW SIDE LEFT/RIGHT	S1 %	S2 %	S3 %	S4 %	S5 %	S6 %
9	5.0	9.0	6.0	100.21	LEFT	*5.00	1.50	1.50	*11.00	2.00	2.00
10	5.0	6.0	5.0	101.05	LEFT	*3.90	2.00	2.00	3.20	2.00	2.00
11	5.0	11.0	5.0	101.90	RIGHT	1.00	1.50	1.50	*10.00	2.00	2.00
12	5.0	7.0	6.0	102.07	LEFT	*4.70	*3.25	*3.25	*10.90	2.00	2.00
13	5.0	7.0	5.0	101.58	RIGHT	*4.90	2.00	2.00	8.30	2.00	2.00
14	5.0	6.0	5.0	100.44	LEFT	0.70	2.00	2.00	2.70	2.00	2.00
15	5.0	7.0	6.0	100.12	RIGHT	*4.30	2.00	2.00	7.10	2.00	2.00

* ADA TO MEF



CR6
LTB-HARRISON
CURB RAMP PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
36273						

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON . . . . . 20 . .
BY: . . . . . .
PURCHASING & CONTRACTING SERVICES DIRECTOR

NAME OR INITIALS AND DATE
DESIGNED NNS . . . . . .
CHECKED NNS . . . . . .
DRAWN NNS . . . . . .
CHECKED NNS . . . . . .

INITIALS AND DATE
REVIEWED:
DES. . . . . CONST. . . . . .
SDOT . . . . . PROJ. MGR. . . .
RECEIVED . . . . . .
REVISED AS BUILT . . . . . .

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

NICHOLAS N SHROPE
STATE OF WASHINGTON
45271
REGISTERED PROFESSIONAL ENGINEER
12/16/14

City of Seattle
Seattle Department of Transportation
ORDINANCE NO. . . . . APPROVED. . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK. . . . . .

NSF PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A R/W CO TS6052C
VAULT PLAN NO. 790-136
SHEET 31 OF 52

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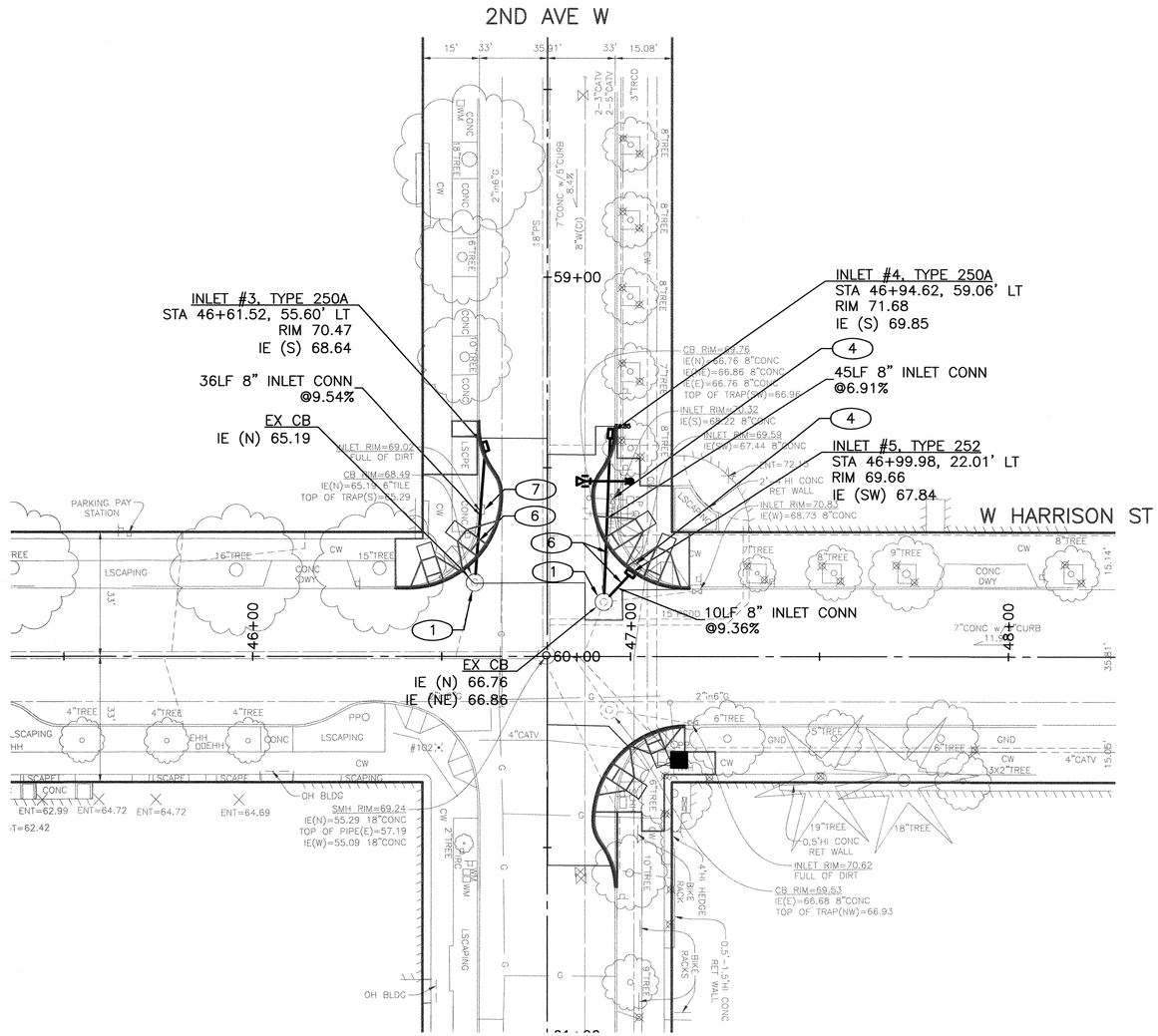

CONSTRUCTION NOTES

1. CONNECT NEW PIPE TO EXISTING CB OR MH, SEE SECTION 7-05.3(1)S
2. ADJUST EXISTING MH, CB, OR VC. SEE SECTION 7-20.3(1).
3. PLUG EXISTING CONNECTION TO BE ABANDONED
4. REMOVE EX INLET, SEE SECTION 2-02.3(3)D.
5. ABANDON AND FILL PIPE. SEE SECTION 2-02.3(5A).
6. REMOVE EX PIPE
7. REMOVE EXISTING INLET TYPE 164 AND PIPE, INCIDENTAL TO PAVEMENT REMOVAL. SEE SECTION 2-02.5.

DRAINAGE NOTES

1. ALL STATION AND OFFSET CALLOUTS ARE FROM THE HARRISON-LINE UNLESS OTHERWISE NOTED.
2. ALL INLET, CATCH BASINS, AND MAINTENANCE HOLE STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE.
3. REMOVAL OF EXISTING PIPE WHEN PIPE REPLACEMENT IS CALLED FOR IS INCIDENTAL TO PIPE INSTALLATION, PER SECTION 7-17.5.
4. SEE SHEET NT1 FOR ADDITIONAL DRAINAGE NOTES.

N

10 5 0 10 20

SCALE IN FEET

GR3

LTB-HARRISON

GRADING AND DRAINAGE PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
36273						

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON . . . . . 20 . .

BY: . . . . . .
PURCHASING & CONTRACTING SERVICES DIRECTOR

NAME OR INITIALS AND DATE
DESIGNED NS . . . . . .
CHECKED . NS. . . . . .
DRAWN . NS . . . . . .
CHECKED . NS. . . . . .

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE
REVIEWED:
DES. . . . . CONST. . . . . .
SDOT . . . . . PROJ. MGR. . . . .
RECEIVED . . . . . .
REVISED AS BUILT . . . . . .

NICHOLAS N. SHRODE
STATE OF WASHINGTON
45271
REGISTERED PROFESSIONAL ENGINEER
11/16/14

City of Seattle
Seattle Department of Transportation
ORDINANCE NO. . . . . APPROVED. . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK . . . . . .

NSF PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A R/W CO TS6052C

VAULT PLAN NO. 790-136

SHEET 32 OF 52

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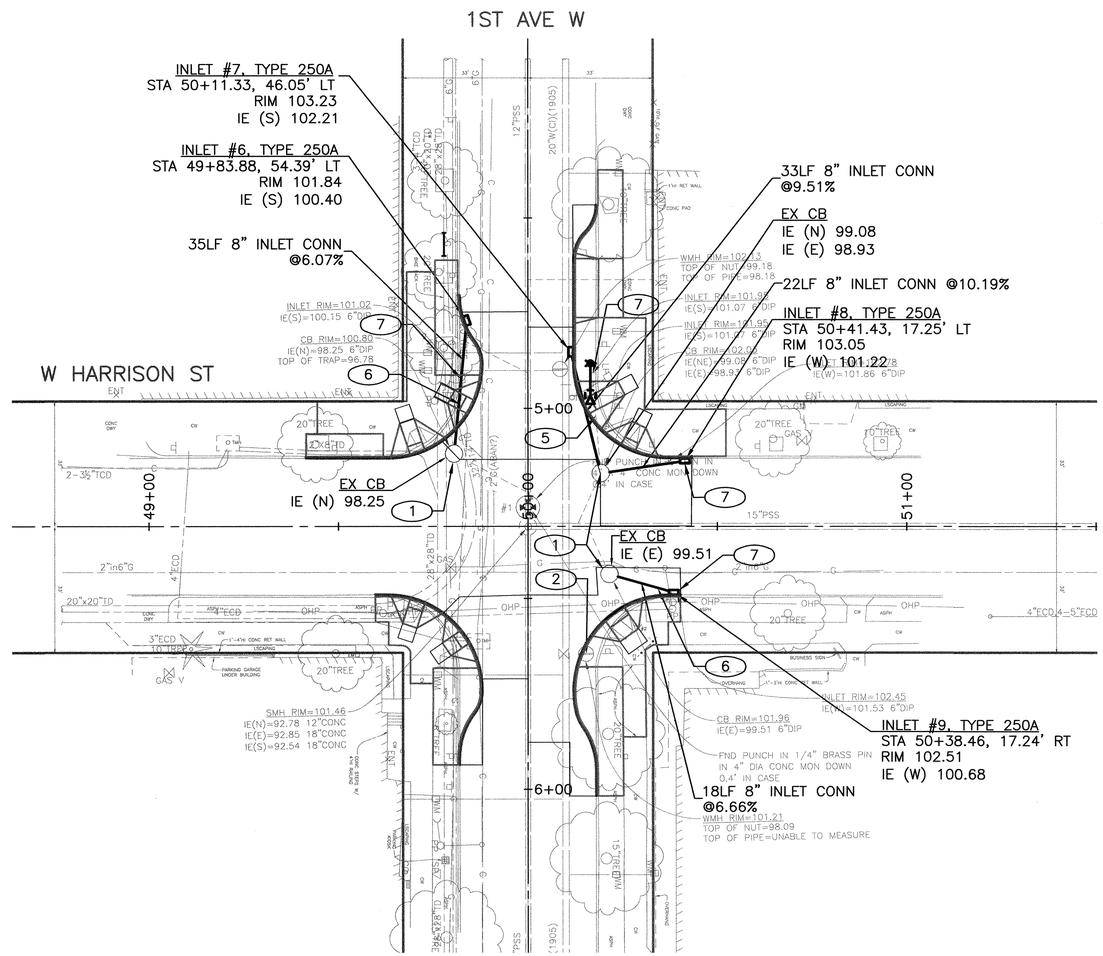
Dec-16-14 10:26am



CONSTRUCTION NOTES

1. CONNECT NEW PIPE TO EXISTING CB OR MH, SEE SECTION 7–05.3(1)S
2. ADJUST EXISTING MH, CB, OR VC. SEE SECTION 7–20.3(1).
3. PLUG EXISTING CONNECTION TO BE ABANDONED
4. REMOVE EX INLET, SEE SECTION 2–02.3(3)D.
5. ABANDON AND FILL PIPE. SEE SECTION 2–02.3(5A).
6. REMOVE EX PIPE
7. REMOVE EXISTING INLET TYPE 164 AND PIPE, INCIDENTAL TO PAVEMENT REMOVAL. SEE SECTION 2–02.5.

DRAINAGE NOTES

1. ALL STATION AND OFFSET CALLOUTS ARE FROM THE HARRISON–LINE UNLESS OTHERWISE NOTED.
2. ALL INLET, CATCH BASINS, AND MAINTENANCE HOLE STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE.
3. REMOVAL OF EXISTING PIPE WHEN PIPE REPLACEMENT IS CALLED FOR IS INCIDENTAL TO PIPE INSTALLATION, PER SECTION 7–17.5.
4. SEE SHEET NT1 FOR ADDITIONAL DRAINAGE NOTES.

N

10 5 0 10 20

SCALE IN FEET

GR4

LTB–HARRISON

GRADING AND DRAINAGE PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38273						

P:\STDrafter\2014_NSF\TS6052A Ped-imp-LTB-Harrison\A_PLOT FILES\TS6052A_P09_GR00.dwg
Dec-16-14 10:26am

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NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON . . . . . 20 . .
BY: . . . . . .
PURCHASING & CONTRACTING SERVICES DIRECTOR

NAME OR INITIALS AND DATE
DESIGNED NS . . . . . .
CHECKED NS . . . . . .
DRAWN NS . . . . . .
CHECKED NS . . . . . .

INITIALS AND DATE
REVIEWED:
DES. . . . . CONST. . . . . .
SDOT . . . . . PROJ. MGR. . . .
RECEIVED . . . . . .
REVISED AS BUILT . . . . . .

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

NICHOLAS N. SHROPE
STATE OF WASHINGTON
45271
REGISTERED PROFESSIONAL ENGINEER
12-16-14

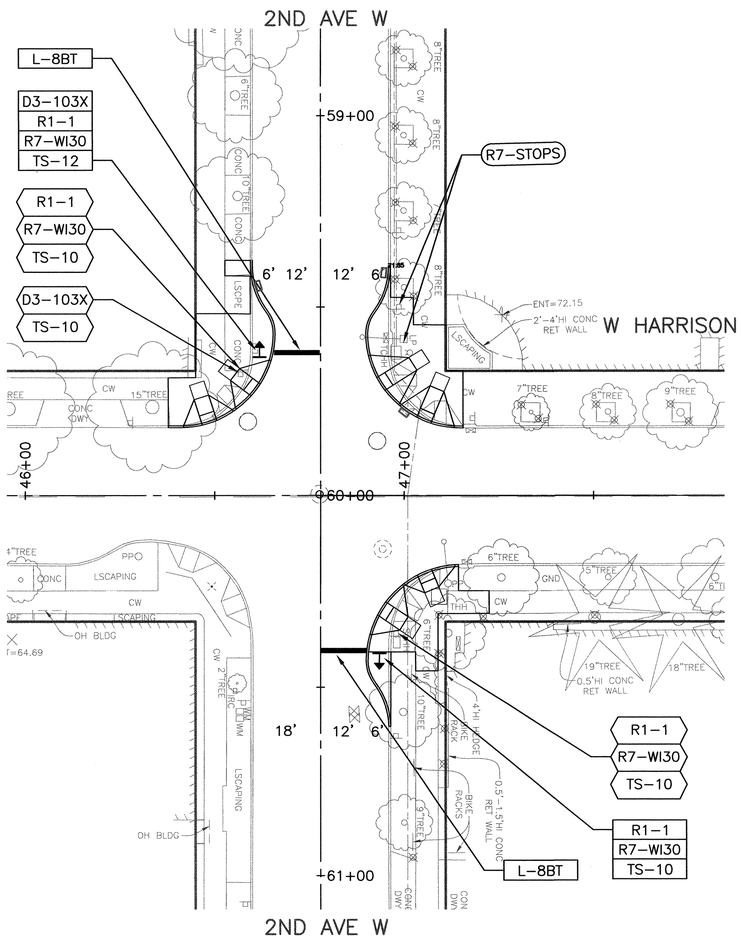
City of Seattle
Seattle Department of Transportation
ORDINANCE NO. . . . . APPROVED. . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK. . . . . .

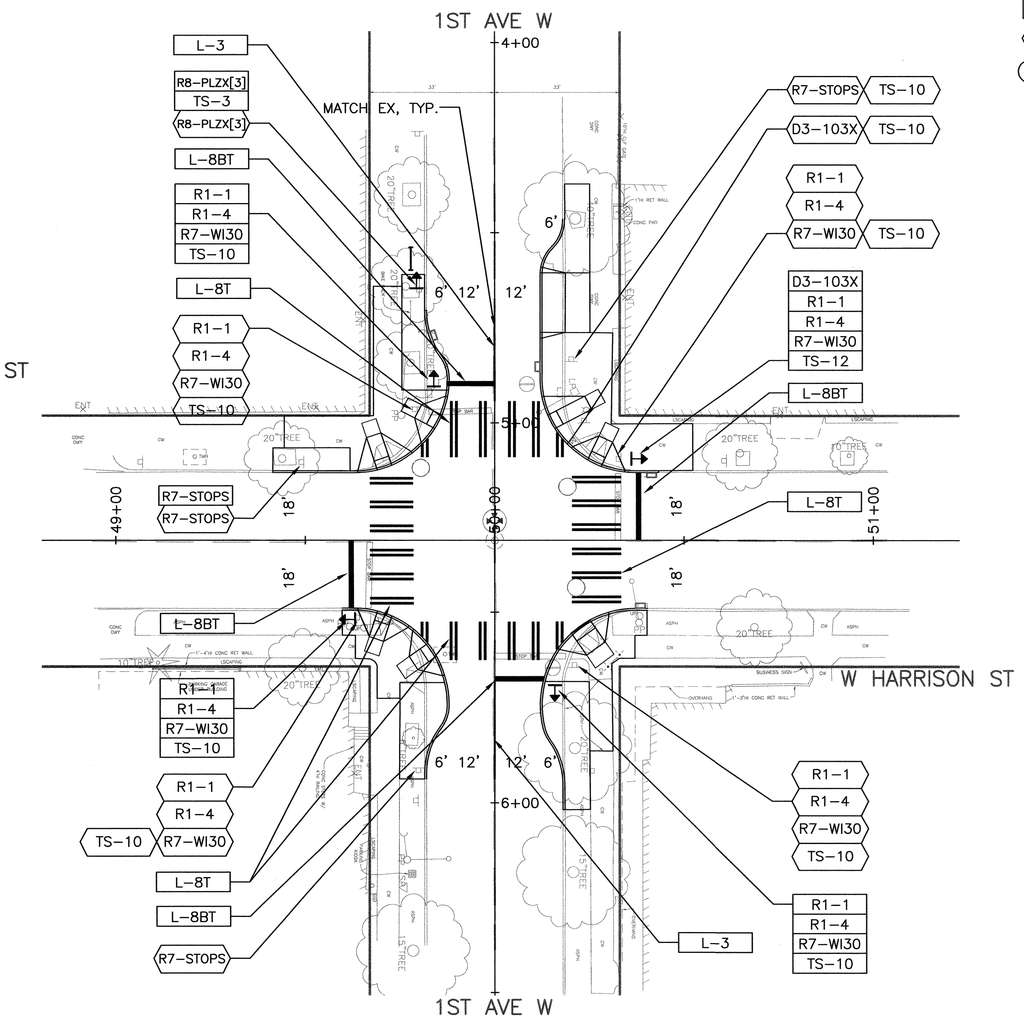
NSF PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO. PC TS6052A R/W CO TS6052C

VAULT PLAN NO. 790–136

SHEET 33 OF 52





GENERAL NOTES

1. ALL STATION AND OFFSET CALLOUTS ARE FROM 3RD AVE NW–LINE UNLESS OTHERWISE NOTED.
2. ALL SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED.

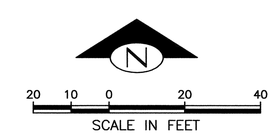
CHANNELIZATION LEGEND

L–3	CENTERLINE
L–8T	THERMOPLASTIC 8" CROSSWALK
L–8BT	THERMOPLASTIC 24" STOPLINE

X	INSTALL
X	REMOVE
X	RELOCATE

SIGNING LEGEND

TS–10	SIGN POST, 10'
TS–12	SIGN POST, 12'
D3–103X	STREET NAME SIGN
R1–1	STOP SIGN
R1–4	ALL WAY
R7–STOPS	NO STOPS TOW–AWAY ZONE PHONE 684–5444
R7–WI30	NO PARKING WITHIN 30 FT
R8–PLZX[3]	3 MINUTE PASSENGER LOADING ZONE, TOW–AWAY



CH3
LTB–HARRISON
CHANNELIZATION & SIGNING PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
36273						

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON . . . . . 20 . .
BY: . . . . . .
PURCHASING & CONTRACTING SERVICES DIRECTOR

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DESIGNED NNS 9/23/2014
CHECKED NS
DRAWN NNS 9/23/2014
CHECKED NS

INITIALS AND DATE
REVIEWED:
DES. . . . . CONST.
SDOT . . . . . PROJ. MGR.
RECEIVED
REVISED AS BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

NICHOLAS N. SHADE
STATE OF WASHINGTON
45271
REGISTERED PROFESSIONAL ENGINEER
12/16/14

City of Seattle
Seattle Department of Transportation
ORDINANCE NO. . . . . APPROVED. . . . . .
FUND: . . . . . .
SCALE: H. 1"=20', V. 1"=10' INSPECTOR'S BOOK . . . . . .

NSF PEDESTRIAN IMPROVEMENTS PROJECT

JOB NO.
PC TS6052A
R/W
CO TS6052C
VAULT PLAN NO. 790–136
SHEET 34 OF 52