100% CONSTRUCTION DOCUMENTS

FOR

BELT LINE 1.5 - LANDSCAPE ENHANCEMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

JANUARY 2020

BID # 20-52

FOR

ADDISON

MAYOR: JOE CHOW
CITY COUNCIL
MAYOR PRO TEMPORE: TOM BRAUN
DEPUTY MAYOR PRO TEMPORE: LORI WARD
COUNCIL MEMBER: PAUL WALDEN
COUNCIL MEMBER: IVAN HUGHES
COUNCIL MEMBER: GUILLERMO GUINTANILLA
COUNCIL MEMBER: MARLIN WILLESEN

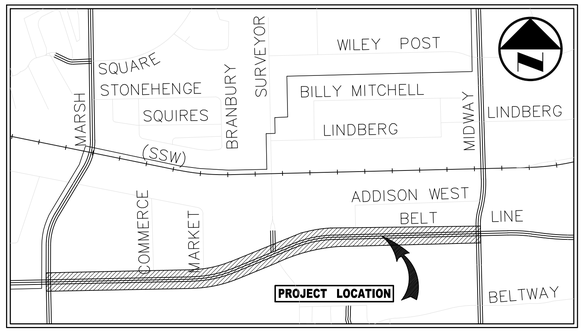
CITY MANAGER: WES PIERSON
DEPUTY CITY MANAGER: ASHLEY MITCHELL

DIRECTOR OF PARKS AND RECREATION:
JANNA TIDWELL, PLA, LEED AP

TOWN OF ADDISON
16801 WESTGROVE DRIVE
ADDISON, TEXAS 75001
P: 972-450-2869

PREPARED BY

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001



VICINITY MAP
(NOT TO SCALE)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

SHEET INDEX

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	7/30/2019	DESIGN DEVELOPMENT SUBMITTAL
1	6/17/2019	SCHEMATIC DESIGN SUBMITTAL

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

COVER SHEET
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS PHASE 1

DEMOLITION GENERAL NOTES

1. CONTRACTOR IS TO REVIEW ALL GENERAL NOTES PRIOR TO BEGINNING WORK.
2. CONTRACTOR RESPONSIBLE FOR ANY DAMAGE TO TREES THAT ARE TO REMAIN. CONTRACTOR TO INSTALL NEW TREE OF EQUIVALENT SIZE IF DAMAGED DURING CONSTRUCTION.
3. CONTRACTOR RESPONSIBLE FOR COORDINATING CONSTRUCTION DELIVERY & SERVICE ACCESS. CONTRACTOR RESPONSIBLE FOR ANY DAMAGE INCURRED TO FACILITIES & RETURN TO PRE-CONSTRUCTION CONDITIONS.
4. SAWCUT AND REMOVE ALL EXISTING SIDEWALKS AND PAVEMENT AS SHOWN ON THE PLANS. COORDINATE TEMPORARY UTILITY SHUT DOWN IN ADVANCEMENT OWNER'S REPRESENTATIVE.
5. CONSULT THE DIMENSIONAL CONTROL PLAN. VERIFY THE PORTION OF EXISTING CONCRETE CURBS AND PAVEMENT WHICH ARE TO REMAIN.
6. COORDINATE WITH LOCAL POWER, TELEPHONE, CABLE, AND GAS COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES, IF ANY.
7. ALL UTILITIES SHOULD BE CUT AND PLUGGED IN ACCORDANCE WITH THEIR RESPECTIVE UTILITY COMPANY REQUIREMENTS PRIOR TO DEMOLITION, IF ANY.
8. CONTRACTOR TO PLUG ALL EXISTING EXPOSED ENDS OF ABANDONED UTILITIES, IF ANY.
9. CONTRACTOR TO DETERMINE SOURCE OF ALL EXPOSED UTILITIES AND, IF REQUIRED, RECONNECT TO PROPOSED UTILITIES.
10. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF ALL THE UNSUITABLE MATERIALS FROM THE PROJECT SITE. CONTRACTOR SHALL CONTACT ALL LOCAL AUTHORITIES TO DETERMINE DISPOSAL REQUIREMENTS.
11. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING EROSION CONTROL MEASURES ON THE SITE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS UNTIL THE SITE HAS BEEN STABILIZED.
12. CONTRACTOR IS RESPONSIBLE FOR GRADING ALL DISTURBED AREAS TO ALLOW FOR POSITIVE DRAINAGE. GRADING SLOPES ARE NOT TO EXCEED 3:1.
13. AREAS EXCAVATED FOR FOUNDATION OR UNDERGROUND STRUCTURE REMOVAL SHALL BE BACK-FILLED AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY.
14. CONTRACTOR IS RESPONSIBLE FOR SECURITY OF THE SITE DURING DEMOLITION ACTIVITIES AND UNTIL SUBSTANTIAL COMPLETION.
15. ALL WORK, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ISSUED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS AND CITY STANDARD CONSTRUCTION SPECIFICATIONS.
16. THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SUBSURFACE UTILITIES HAVE BEEN DETERMINED FROM DATA RECORDED BY OTHERS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL UTILITY MAINS, MANHOLES, CLEANOUTS, VALVE BOXES, AND FIRE HYDRANTS, ETC. IN THE AREA OF DEMOLITION.
17. CONTRACTOR SHALL PROTECT PLANTINGS AND IRRIGATION ON ADJACENT PROPERTIES, AND REPLACE/ RESTORE IMMEDIATELY AT THE CONTRACTOR'S OWN EXPENSE.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PROPERTY DAMAGE RELATED TO PLANTING, IRRIGATION, UTILITIES, PAVEMENT AND/OR FURNITURE, DURING CONSTRUCTION.
19. TEMPORARY DART STOP SIGNS WILL NEED TO BE PROVIDED BY THE CONTRACTOR WHERE STOPS ARE BEING DEMOLISHED OR IMPROVED. THEN REMOVED WHEN WORK IS COMPLETED.

LAYOUT & DIMENSION GENERAL NOTES

1. WRITTEN DIMENSIONS SHALL GOVERN OVER SCALED DIMENSIONS.
2. ALL IMPROVEMENTS SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION OR INSTALLATION. NOTIFICATION SHALL BE PROVIDED TO THE LANDSCAPE ARCHITECT ONE WEEK PRIOR TO REVIEW.
3. CONTRACTOR SHALL VERIFY ALL UTILITIES SHOWN ON THE PLANS AS WELL HAVE THE SITE UTILITIES LOCATED ON THE GROUND PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. IN THE EVENT THAT THE CONTRACTOR DISCOVERS AN UNDERGROUND UTILITY THAT IS NOT REPRESENTED WITHIN THE CONSTRUCTION DOCUMENTS OR AS MARKED ON THE SITE, HE SHALL IMMEDIATELY CONTACT THE OWNERS REPRESENTATIVE TO DETERMINE NEXT STEPS PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN THE AREA OF THE NEWLY DISCOVERED UNDERGROUND UTILITY.
4. THE CONTRACTOR SHALL EXAMINE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND DETAILS.
5. ALL DIMENSIONS ARE TO BACK OF CURB AND FACE OF BUILDING UNLESS OTHERWISE NOTED.
6. HANDICAP RAMPS TO BE LOCATED AND INSTALLED AS SHOWN IN DRAWINGS. CONTRACTOR SHALL ENSURE THAT ALL TAS/ADA GUIDELINES ARE FOLLOWED.
7. REINFORCEMENT SHALL BE PROVIDED IN THE CONCRETE IMPROVEMENTS AS SHOWN WITHIN THE CONSTRUCTION DETAILS AND SPECIFICATIONS AND SHALL BE INSTALLED CONTINUOUS THROUGH CONTROL JOINTS, AND PER DETAIL DRAWINGS FOR THE EXPANSION JOINTS.
8. EXPANSION JOINT AND CONTROL JOINT SPACING SHALL BE LOCATED AS SHOWN ON PLANS AND DETAILS.
9. CONTRACTOR SHALL PROVIDE AN EXPANSION JOINT WHERE PROPOSED CONCRETE MEETS EXISTING WALKS OR CURBS.
10. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION ACTIVITIES FOR THE PROJECT. ACCUMULATION OF STANDING WATER WILL NOT BE PERMITTED.
11. THE CONTRACTOR IS TO LOCATE, DOCUMENT, AND PROTECT ALL CONTROL BENCH MARKS THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES.
12. ALL QUANTITIES PROVIDED ARE TO BE VERIFIED AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
13. IF DISCREPANCIES WITH PLAN AND MATERIAL/FURNISHING SCHEDULE SHOULD OCCUR, THE CONTRACTOR IS RESPONSIBLE TO VERIFY WITH LANDSCAPE ARCHITECT, PRIOR TO START OF CONSTRUCTION.

GRADING & DRAINAGE GENERAL NOTES

1. REFER TO GEOTECHNICAL REPORT FOR REQUIREMENTS REGARDING FILL COMPACTION AND MOISTURE CONTENT.
2. UNLESS NOTED, ALL FILL IS TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY WITHIN 3% OF OPTIMUM MOISTURE CONTENT. FILL TO BE PLACED IN MAXIMUM LIFTS OF 6 INCHES.
3. SIDEWALKS AND ACCESSIBLE ROUTES SHALL HAVE A RUNNING SLOPE NO GREATER THAN 4.5% (UNLESS OTHERWISE NOTED) AND A CROSS SLOPE NO GREATER THAN 1.75%.
4. GRADING OF ALL HANDICAPPED SPACES AND ROUTES TO CONFORM TO FEDERAL, STATE, AND LOCAL GUIDELINES.
5. ALL PROPOSED AND EXISTING GRADES IN NON-PAVED AREAS ARE "FINISHED GRADE" (i.e. IN LANDSCAPE BEDS, TOP OF MULCH/BEDDING MATERIAL).
6. FINAL PAVING, CURB, AND SIDEWALK ELEVATIONS WILL BE PLACED AT PLUS OR MINUS 0.03 FOOT.
7. REFER TO LANDSCAPE SPECIFICATIONS FOR SODDING REQUIREMENTS.
8. ANY CONCRETE, ROCK, OR MATERIAL DEEMED BY THE ENGINEER TO BE UNSUITABLE FOR SUBGRADE SHALL BE DISPOSED OF OFFSITE AT CONTRACTOR'S EXPENSE.
9. IF REQUIRED DUE TO CONSTRUCTION, POWER POLES TO BE BRACED OR RELOCATED AT CONTRACTOR'S EXPENSE.

PLANTING GENERAL NOTES

1. ALL PLANTS SHALL BE SET OUT FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
2. FINE GRADING SHALL BE PERFORMED IN ALL AREAS TO BE LANDSCAPED. FINE GRADING SHALL INCLUDE THE REMOVAL OF DEBRIS, ROCKS, ETC. FROM THE SITE AND INSURE POSITIVE DRAINAGE IN ALL AREAS.
3. THE CONTRACTOR SHALL LOCATE ALL UTILITIES AND EASEMENTS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES DURING THE COURSE OF CONSTRUCTION. CONTRACTOR SHALL REPAIR DAMAGED UTILITIES AS SOON AS POSSIBLE.
4. WRITTEN DIMENSIONS SHALL GOVERN OVER SCALED DIMENSIONS.
5. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS ASSOCIATED WITH THE LANDSCAPE AND ACCESSORIES.
6. ALL PLANT MATERIALS SHALL MEET ANSI Z60.1 STANDARDS FOR CALIPER, HEIGHT AND ROOT BALL SIZE. ANY MATERIALS THAT DO NOT MEET OR EXCEED SUCH STANDARDS SHALL BE REJECTED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
7. BALLED AND BURLAPPED TREES SHALL HAVE THE TOP HALF OF THE WIRE BASKET REMOVED. THE BURLAP SHALL BE REMOVED TO THE GREATEST EXTENT POSSIBLE, USING A KNIFE TO CUT AND REMOVE THE BOTTOM HALF UNDER THE WIRE BASKET THAT REMAINS.
8. QUANTITIES ARE SHOWN FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES

IRRIGATION GENERAL NOTES

1. PRIOR TO BEGINNING CONSTRUCTION, ALL EXISTING IRRIGATION WITHIN CONSTRUCTION LIMITS SHALL BE FIELD-VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE OWNER AND LANDSCAPE ARCHITECT IN WRITING OF ANY INTENDED IRRIGATION DESIGN DEVIATIONS FROM THE PLANS.
2. CONTRACTOR SHALL ENSURE THAT ALL EXISTING VEGETATION TO REMAIN SHALL BE PRESERVED AND MAINTAINED THROUGHOUT CONSTRUCTION AND SHALL BE CONNECTED TO A PERMANENT IRRIGATION SOURCE UPON FINAL ACCEPTANCE.
3. POINTS OF CONNECTION ARE APPROXIMATE. IRRIGATION CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE REGARDING THE MOST FEASIBLE LOCATIONS FOR TAPPING EXISTING WATER SOURCES.
4. IRRIGATION CONTRACTOR IS RESPONSIBLE TO COORDINATE THE APPROPRIATE ZONE WIRING BACK TO EXISTING SYSTEM CONTROLLERS, INCLUDING ANY DATA OR SYSTEM CONTROL VALVE WIRING AS REQUIRED.
5. IRRIGATION CONTRACTOR IS RESPONSIBLE TO EXAMINE THE PLANS IN THEIR ENTIRETY TO DETERMINE THE APPROXIMATE LOCATION OF EXISTING AND PROPOSED UTILITIES. HE SHALL ALSO CONTACT THE APPROPRIATE AUTHORITY TO MARK UTILITIES ON THE SITE. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO UTILITIES ON THE SITE CAUSED BY HIS WORK.
6. CONTRACTOR SHALL EXAMINE THE SPECIFICATIONS AND DETAILS FOR ADDITIONAL REQUIREMENTS FOR THE IRRIGATION SYSTEM AND ITS INSTALLATION.
7. IRRIGATION DRAWINGS ARE SCHEMATIC IN NATURE. AT TIMES MAIN LINES, LATERALS AND VALVES MAY BE SHOWN IN PAVED AREAS OR OUTSIDE THE PROPERTY LINE FOR PLAN CLARITY PURPOSES ONLY. THE CONTRACTOR SHALL STAKE OUT IN THE FIELD ALL PRINCIPLE SYSTEM COMPONENTS FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
8. REFER TO THE IRRIGATION METER SCHEDULE (SEE SHEET L4.01) FOR MINIMUM DYNAMIC WATER PRESSURE AND FLOW REQUIREMENTS. THE CONTRACTOR SHALL TAKE THREE READINGS (ONE AT 7:00 A.M., ONE AT 12:00 P.M., AND ONE AT 7:00 P.M.) ON TWO SEPARATE DAYS AND SUBMIT TO THE OWNER'S REPRESENTATIVE FOR VERIFICATION OF PRESSURE PRIOR TO BEGINNING THE WORK.
9. ALL TRENCHING WITHIN DRIP LINES OF EXISTING TREES SHALL BE BY HAND TOOLS. SHOULD ROOTS OVER 3" IN DIAMETER BE ENCOUNTERED, THE CONTRACTOR MAY PROVIDE ANOTHER PIPE ROUTE IF LOCATION IS PROVIDED ON THE AS-BUILT DOCUMENTS.
10. PRIOR TO ANY CONSTRUCTION, CONTRACTOR SHALL WALK THE SITE WITH THE OWNER, RUNNING EACH ZONE IN THE WORK AREA AND DOCUMENT ANY NON-FUNCTIONING COMPONENTS OR ITEMS. FOLLOWING CONSTRUCTION, THE CONTRACTOR WILL DO THE SAME, CONFIRMING NO DAMAGES HAVE OCCURRED AS A RESULT OF HIS WORK.
11. THE CONTRACTOR SHALL DEMONSTRATE TO AN OWNER'S REPRESENTATIVE THAT THE IRRIGATION SYSTEM IS FULLY FUNCTIONAL AND RUNNING PROPERLY PRIOR TO FINAL ACCEPTANCE AND BEGINNING OF THE WARRANTY PERIOD.
12. CONTRACTOR SHALL INCLUDE IN HIS PRICING THE FOLLOWING TASKS:
    - 12.1. FULL SITE WALK WITH OWNER'S REPRESENTATIVE TO EXAMINE CONTROLLERS, P.O.C.'S, WIRING, VALVES AND OTHER EXISTING COMPONENTS.
    - 12.2. PRODUCE A SHOP DRAWING SUBMITTAL TO SHOW ANY DEVIATIONS PROPOSED FOR THE PROPOSED SYSTEM ADAPTATION.
    - 12.3. PRODUCE AN AS-BUILT FILE MARK UP, LAMINATED AT 24"x36" OF THE NEW COMPONENTS AND WHAT WAS LEARNED IN 11.1.
    - 12.4. VERIFY ALL IRRIGATION SYSTEMS ARE FULLY OPERATIONAL BEFORE BEGINNING THE PROJECT AND ALSO UPON COMPLETION.

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	7/30/2019	DESIGN DEVELOPMENT SUBMITTAL
1	6/17/2019	SCHEMATIC DESIGN SUBMITTAL

NO.	DATE	REVISION

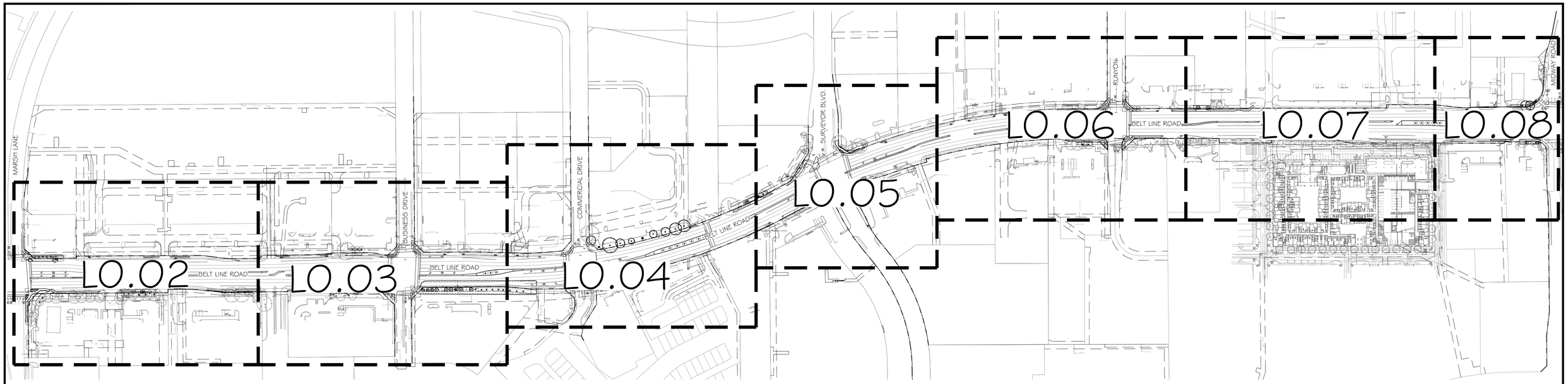
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

GENERAL NOTES
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.00

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS PHASE 1



1 OVERALL DEMOLITION PLAN
1" = 150'-0"

REFERENCE NOTES SCHEDULE (PROJECT TOTALS)

SYMBOL	DEMOLITION DESCRIPTION	QTY	DETAIL
D-101	EXISTING CONCRETE REMOVAL	5,647 SF	
D-102	EXISTING CONCRETE REMOVAL (ADD ALTERNATE)	2,010 SF	
D-103	CONCRETE CURB REMOVAL	326 LF	
D-104	EXISTING PAVER REMOVAL (PAVERS TO BE STACKED ON A PALLET AND DELIVERED TO OWNER'S NEARBY STORAGE LOT)	25,771 SF	
D-105	CLEARING AND GRUBBING (GROUNDCOVER, TURF OR SHRUBS)	38,636 SF	
D-106	CLEARING AND GRUBBING (ADD ALTERNATE) (GROUNDCOVER, TURF OR SHRUBS)	5,239 SF	
D-107	EXISTING CONCRETE TO REMAIN	21,511 SF	
D-108	EXISTING WALL REMOVAL	658 LF	
D-109	EXISTING WALL TO REMAIN REFERENCE LAYOUT SHEETS FOR VENEER SPECIFICATIONS	618 LF	
D-110	TREE REMOVAL		
D-111	TREE REMOVAL (ADD ALTERNATE)		
D-112	TREE PROTECTION FENCING	385 LF	2/L0.09
D-113	TREE TRUNK PROTECTION	650 LF	3/L0.09
D-114	EXISTING SHRUBS TO REMAIN	1,394 SF	

TREE REMOVAL TABLE

TREE ID	TRUNK	COMMON NAME	CALIPER INCH	PRESERVED /REMOVED
01	Single	Oak	3	REMOVED
02	Single	Live Oak	20	REMOVED
03	Single	Live Oak	12	REMOVED
04	Single	Ash	8	REMOVED
05	Single	Oak	3	REMOVED
06	Single	Oak	10	REMOVED
07	Single	Oak	12	REMOVED
08	Single	Oak	16	REMOVED
09	Single	Oak	16	REMOVED
10	Multi	Crepe Myrtle	8	REMOVED
11	Multi	Crepe Myrtle	8	REMOVED
12	Multi	Crepe Myrtle	8	REMOVED
13	Multi	Crepe Myrtle	12	REMOVED
14	Multi	Crepe Myrtle	14	REMOVED
15	Single	Live Oak	13	REMOVED
16	Single	Live Oak	12	REMOVED

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

0 75 150 300 450
GRAPHIC SCALE IN FEET

OVERALL DEMO PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

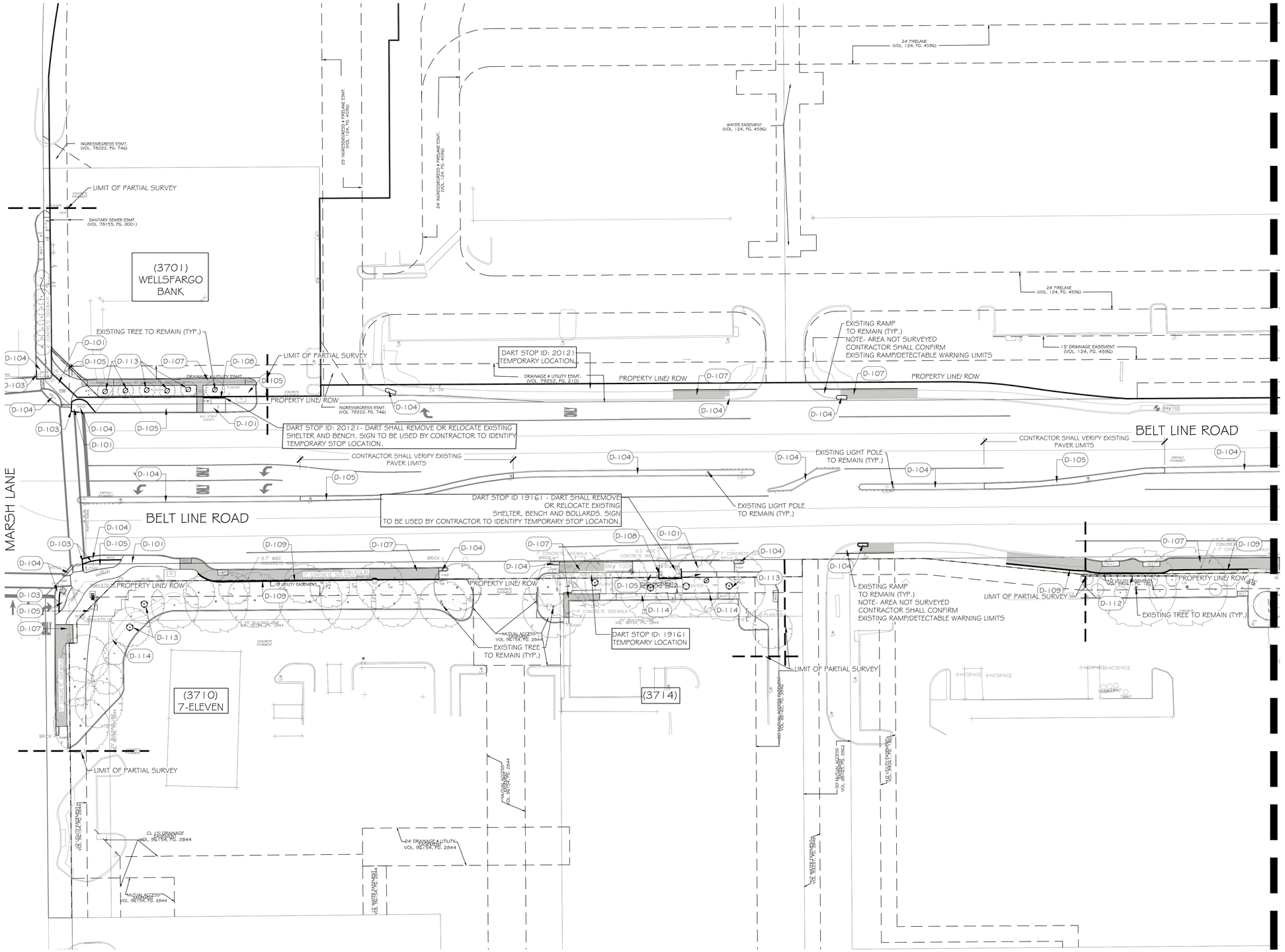
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.01

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 DEMOLITION PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DEMOLITION DESCRIPTION
D-101	EXISTING CONCRETE REMOVAL
D-102	EXISTING CONCRETE REMOVAL (ADD ALTERNATE)
D-103	CONCRETE CURB REMOVAL
D-104	EXISTING PAVER REMOVAL (PAVERS TO BE STACKED ON A PALLET AND DELIVERED TO OWNER'S NEARBY STORAGE LOT)
D-105	CLEARING AND GRUBBING (GROUNDCOVER, TURF OR SHRUBS)
D-106	CLEARING AND GRUBBING (ADD ALTERNATE) (GROUNDCOVER, TURF OR SHRUBS)
D-107	EXISTING CONCRETE TO REMAIN
D-108	EXISTING WALL REMOVAL
D-109	EXISTING WALL TO REMAIN REFERENCE LAYOUT SHEETS FOR VENEER SPECIFICATIONS
D-110	TREE REMOVAL
D-111	TREE REMOVAL (ADD ALTERNATE)
D-112	TREE PROTECTION FENCING
D-113	TREE TRUNK PROTECTION
D-114	EXISTING SHRUBS TO REMAIN

REFERENCE SHEET L0.00 FOR FULL DEMOLITION SCHEDULE

NOTE: CONTRACTOR SHALL PROTECT EXISTING UTILITIES (TYP.)

NOTE: ALL EXISTING, DETECTABLE WARNING SERVICES ALONG BELT LINE ROAD (MARSH TO MIDWAY) SHALL BE REMOVED FOR REPLACEMENT. CONTRACTOR SHALL VERIFY QUANTITIES, LIMITS AND LOCATION. (NOT ALL AREAS HAVE BEEN SURVEYED)

NOTE: CONTRACTOR SHALL PRESERVE EXISTING IRRIGATION SLEEVES (TYP.)

REGISTERED LANDSCAPE ARCHITECT AMBER M. DAVIS 3363 STATE OF TEXAS
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

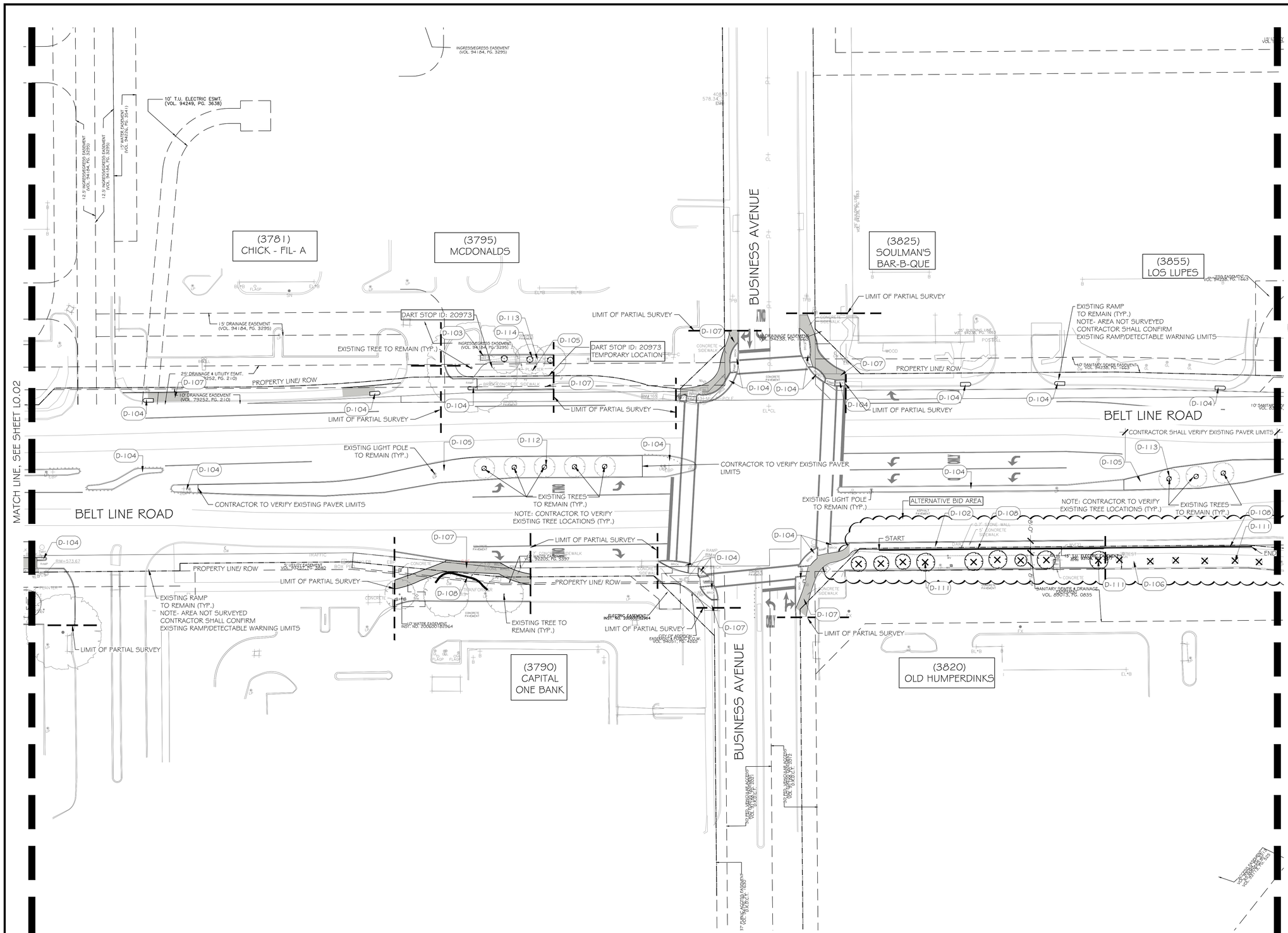
DEMOLITION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.02

0 15 30 60 90
GRAPHIC SCALE IN FEET

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 DEMOLITION PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DEMOLITION DESCRIPTION
D-101	EXISTING CONCRETE REMOVAL
D-102	EXISTING CONCRETE REMOVAL (ADD ALTERNATE)
D-103	CONCRETE CURB REMOVAL
D-104	EXISTING PAVER REMOVAL (PAVERS TO BE STACKED ON A PALLET AND DELIVERED TO OWNER'S NEARBY STORAGE LOT)
D-105	CLEARING AND GRUBBING (GROUNDCOVER, TURF OR SHRUBS)
D-106	CLEARING AND GRUBBING (ADD ALTERNATE) (GROUNDCOVER, TURF OR SHRUBS)
D-107	EXISTING CONCRETE TO REMAIN
D-108	EXISTING WALL REMOVAL
D-109	EXISTING WALL TO REMAIN REFERENCE LAYOUT SHEETS FOR VENEER SPECIFICATIONS
D-110	TREE REMOVAL
D-111	TREE REMOVAL (ADD ALTERNATE)
D-112	TREE PROTECTION FENCING
D-113	TREE TRUNK PROTECTION
D-114	EXISTING SHRUBS TO REMAIN

REFERENCE SHEET L0.00 FOR FULL DEMOLITION SCHEDULE

NOTE: CONTRACTOR SHALL PROTECT EXISTING UTILITIES (TYP.)

NOTE: ALL EXISTING, DETECTABLE WARNING SERVICES ALONG BELT LINE ROAD (MARSH TO MIDWAY) SHALL BE REMOVED FOR REPLACEMENT. CONTRACTOR SHALL VERIFY QUANTITIES, LIMITS AND LOCATION. (NOT ALL AREAS HAVE BEEN SURVEYED)

NOTE: CONTRACTOR SHALL PRESERVE EXISTING IRRIGATION SLEEVES (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

811

NO.	DATE	ISSUE
1	01/02/2020	100% CONSTRUCTION DOCUMENTS
4	12/09/2019	90% CONSTRUCTION DOCUMENTS
3	07/30/2019	DESIGN DEVELOPMENT
2	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

DEMOLITION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.03

PK FILE: 4267-19.152

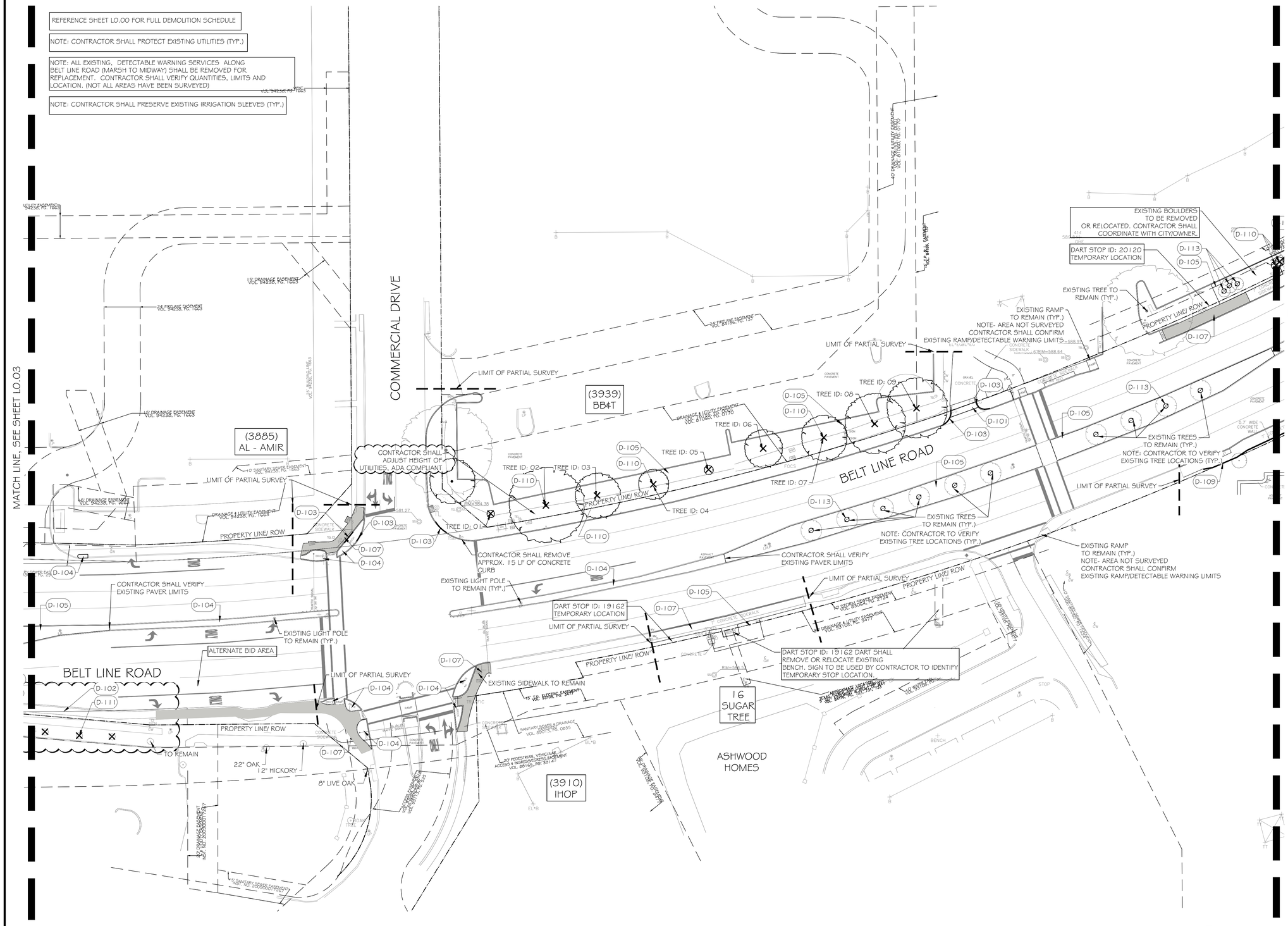
BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

REFERENCE SHEET L0.00 FOR FULL DEMOLITION SCHEDULE

NOTE: CONTRACTOR SHALL PROTECT EXISTING UTILITIES (TYP.)

NOTE: ALL EXISTING, DETECTABLE WARNING SERVICES ALONG BELT LINE ROAD (MARSH TO MIDWAY) SHALL BE REMOVED FOR REPLACEMENT. CONTRACTOR SHALL VERIFY QUANTITIES, LIMITS AND LOCATION. (NOT ALL AREAS HAVE BEEN SURVEYED)

NOTE: CONTRACTOR SHALL PRESERVE EXISTING IRRIGATION SLEEVES (TYP.)



1 DEMOLITION PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DEMOLITION DESCRIPTION
D-101	EXISTING CONCRETE REMOVAL
D-102	EXISTING CONCRETE REMOVAL (ADD ALTERNATE)
D-103	CONCRETE CURB REMOVAL
D-104	EXISTING PAVER REMOVAL (PAVERS TO BE STACKED ON A PALLET AND DELIVERED TO OWNER'S NEARBY STORAGE LOT)
D-105	CLEARING AND GRUBBING (GROUNDCOVER, TURF OR SHRUBS)
D-106	CLEARING AND GRUBBING (ADD ALTERNATE) (GROUNDCOVER, TURF OR SHRUBS)
D-107	EXISTING CONCRETE TO REMAIN
D-108	EXISTING WALL REMOVAL
D-109	EXISTING WALL TO REMAIN REFERENCE LAYOUT SHEETS FOR VENEER SPECIFICATIONS
D-110	TREE REMOVAL
D-111	TREE REMOVAL (ADD ALTERNATE)
D-112	TREE PROTECTION FENCING
D-113	TREE TRUNK PROTECTION
D-114	EXISTING SHRUBS TO REMAIN

TREE REMOVAL TABLE

TREE ID	TRUNK	COMMON NAME	CALIPER INCH	PRESERVED /REMOVED
01	Single	Oak	3	REMOVED
02	Single	Live Oak	20	REMOVED
03	Single	Live Oak	12	REMOVED
04	Single	Ash	8	REMOVED
05	Single	Oak	3	REMOVED
06	Single	Oak	10	REMOVED
07	Single	Oak	12	REMOVED
08	Single	Oak	16	REMOVED
09	Single	Oak	16	REMOVED
10	Multi	Crepe Myrtle	8	REMOVED
11	Multi	Crepe Myrtle	8	REMOVED
12	Multi	Crepe Myrtle	8	REMOVED
13	Multi	Crepe Myrtle	12	REMOVED
14	Multi	Crepe Myrtle	14	REMOVED
15	Single	Live Oak	13	REMOVED
16	Single	Live Oak	12	REMOVED

REGISTERED LANDSCAPE ARCHITECT AMBER M. DAVIS 3363 STATE OF TEXAS

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

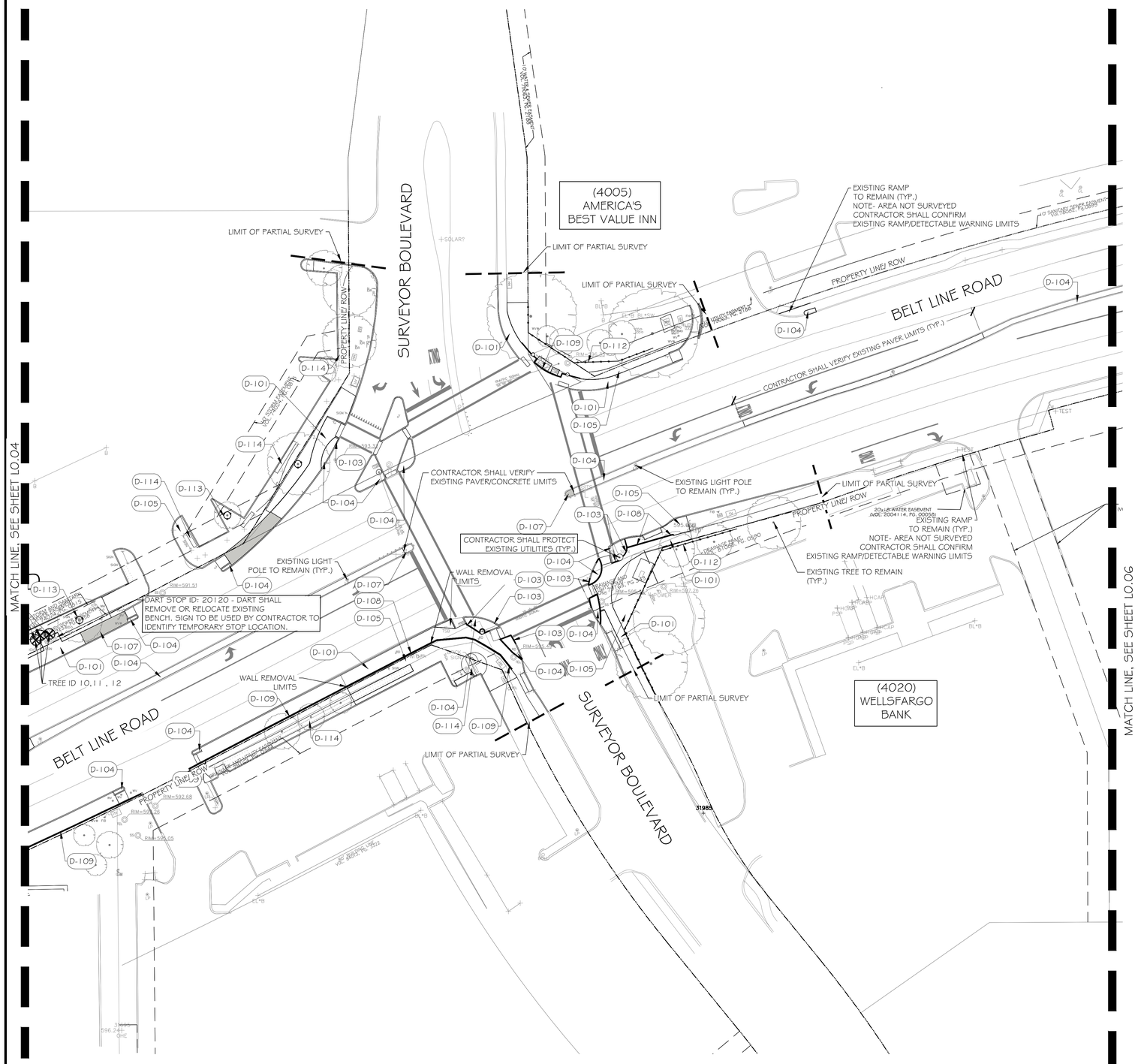
DEMOLITION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.04

0 15 30 60 90
GRAPHIC SCALE IN FEET

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 DEMOLITION PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DEMOLITION DESCRIPTION
D-101	EXISTING CONCRETE REMOVAL
D-102	EXISTING CONCRETE REMOVAL (ADD ALTERNATE)
D-103	CONCRETE CURB REMOVAL
D-104	EXISTING PAVER REMOVAL (PAVERS TO BE STACKED ON A PALLET AND DELIVERED TO OWNER`S NEARBY STORAGE LOT)
D-105	CLEARING AND GRUBBING (GROUNDCOVER, TURF OR SHRUBS)
D-106	CLEARING AND GRUBBING (ADD ALTERNATE) (GROUNDCOVER, TURF OR SHRUBS)
D-107	EXISTING CONCRETE TO REMAIN
D-108	EXISTING WALL REMOVAL
D-109	EXISTING WALL TO REMAIN REFERENCE LAYOUT SHEETS FOR VENEER SPECIFICATIONS
D-110	TREE REMOVAL
D-111	TREE REMOVAL (ADD ALTERNATE)
D-112	TREE PROTECTION FENCING
D-113	TREE TRUNK PROTECTION
D-114	EXISTING SHRUBS TO REMAIN

TREE REMOVAL TABLE				
TREE ID	TRUNK	COMMON NAME	CALIPER INCH	PRESERVED /REMOVED
01	Single	Oak	3	REMOVED
02	Single	Live Oak	20	REMOVED
03	Single	Live Oak	12	REMOVED
04	Single	Ash	8	REMOVED
05	Single	Oak	3	REMOVED
06	Single	Oak	10	REMOVED
07	Single	Oak	12	REMOVED
08	Single	Oak	16	REMOVED
09	Single	Oak	16	REMOVED
10	Multi	Crepe Myrtle	8	REMOVED
11	Multi	Crepe Myrtle	8	REMOVED
12	Multi	Crepe Myrtle	8	REMOVED
13	Multi	Crepe Myrtle	12	REMOVED
14	Multi	Crepe Myrtle	14	REMOVED
15	Single	Live Oak	13	REMOVED
16	Single	Live Oak	12	REMOVED

REFERENCE SHEET L0.00 FOR FULL DEMOLITION SCHEDULE

NOTE: CONTRACTOR SHALL PROTECT EXISTING UTILITIES (TYP.)

NOTE: ALL EXISTING, DETECTABLE WARNING SERVICES ALONG BELT LINE ROAD (MARSH TO MIDWAY) SHALL BE REMOVED FOR REPLACEMENT. CONTRACTOR SHALL VERIFY QUANTITIES, LIMITS AND LOCATION. (NOT ALL AREAS HAVE BEEN SURVEYED)

NOTE: CONTRACTOR SHALL PRESERVE EXISTING IRRIGATION SLEEVES (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
9363
STATE OF TEXAS
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

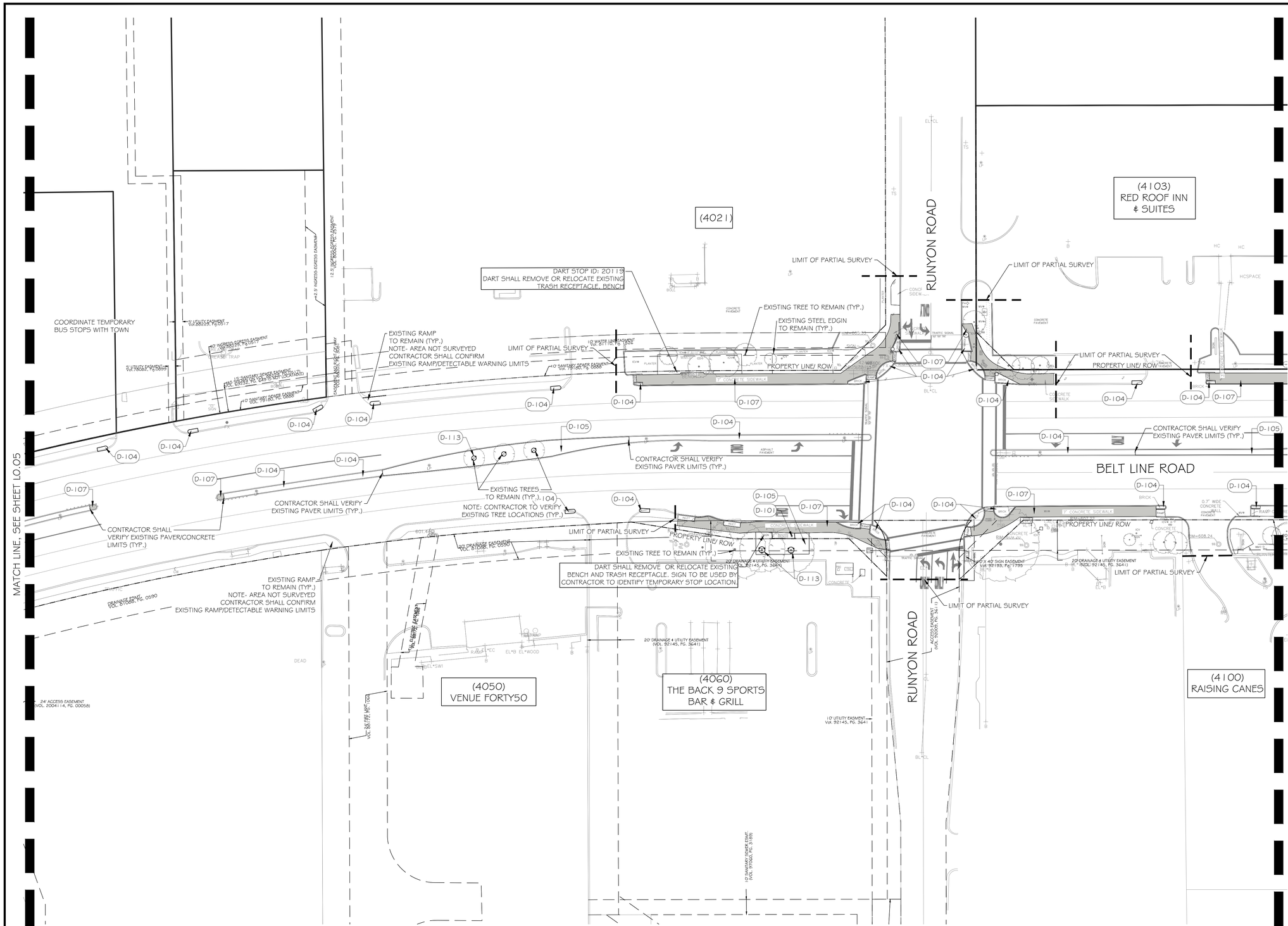
0 15 30 60 90
GRAPHIC SCALE IN FEET

DEMOLITION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.05

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



REFERENCE NOTES SCHEDULE

SYMBOL	DEMOLITION DESCRIPTION
D-101	EXISTING CONCRETE REMOVAL
D-102	EXISTING CONCRETE REMOVAL (ADD ALTERNATE)
D-103	CONCRETE CURB REMOVAL
D-104	EXISTING PAVER REMOVAL (PAVERS TO BE STACKED ON A PALLET AND DELIVERED TO OWNER'S NEARBY STORAGE LOT)
D-105	CLEARING AND GRUBBING (GROUNDCOVER, TURF OR SHRUBS)
D-106	CLEARING AND GRUBBING (ADD ALTERNATE) (GROUNDCOVER, TURF OR SHRUBS)
D-107	EXISTING CONCRETE TO REMAIN
D-108	EXISTING WALL REMOVAL
D-109	EXISTING WALL TO REMAIN REFERENCE LAYOUT SHEETS FOR VENEER SPECIFICATIONS
D-110	TREE REMOVAL
D-111	TREE REMOVAL (ADD ALTERNATE)
D-112	TREE PROTECTION FENCING
D-113	TREE TRUNK PROTECTION
D-114	EXISTING SHRUBS TO REMAIN

REFERENCE SHEET L0.00 FOR FULL DEMOLITION SCHEDULE

NOTE: CONTRACTOR SHALL PROTECT EXISTING UTILITIES (TYP.)

NOTE: ALL EXISTING, DETECTABLE WARNING SERVICES ALONG BELT LINE ROAD (MARSH TO MIDWAY) SHALL BE REMOVED FOR REPLACEMENT. CONTRACTOR SHALL VERIFY QUANTITIES, LIMITS AND LOCATION. (NOT ALL AREAS HAVE BEEN SURVEYED)

NOTE: CONTRACTOR SHALL PRESERVE EXISTING IRRIGATION SLEEVES (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

DEMOLITION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.06

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

1 DEMOLITION PLAN
1" = 30'-0"

0 15 30 60 90
GRAPHIC SCALE IN FEET

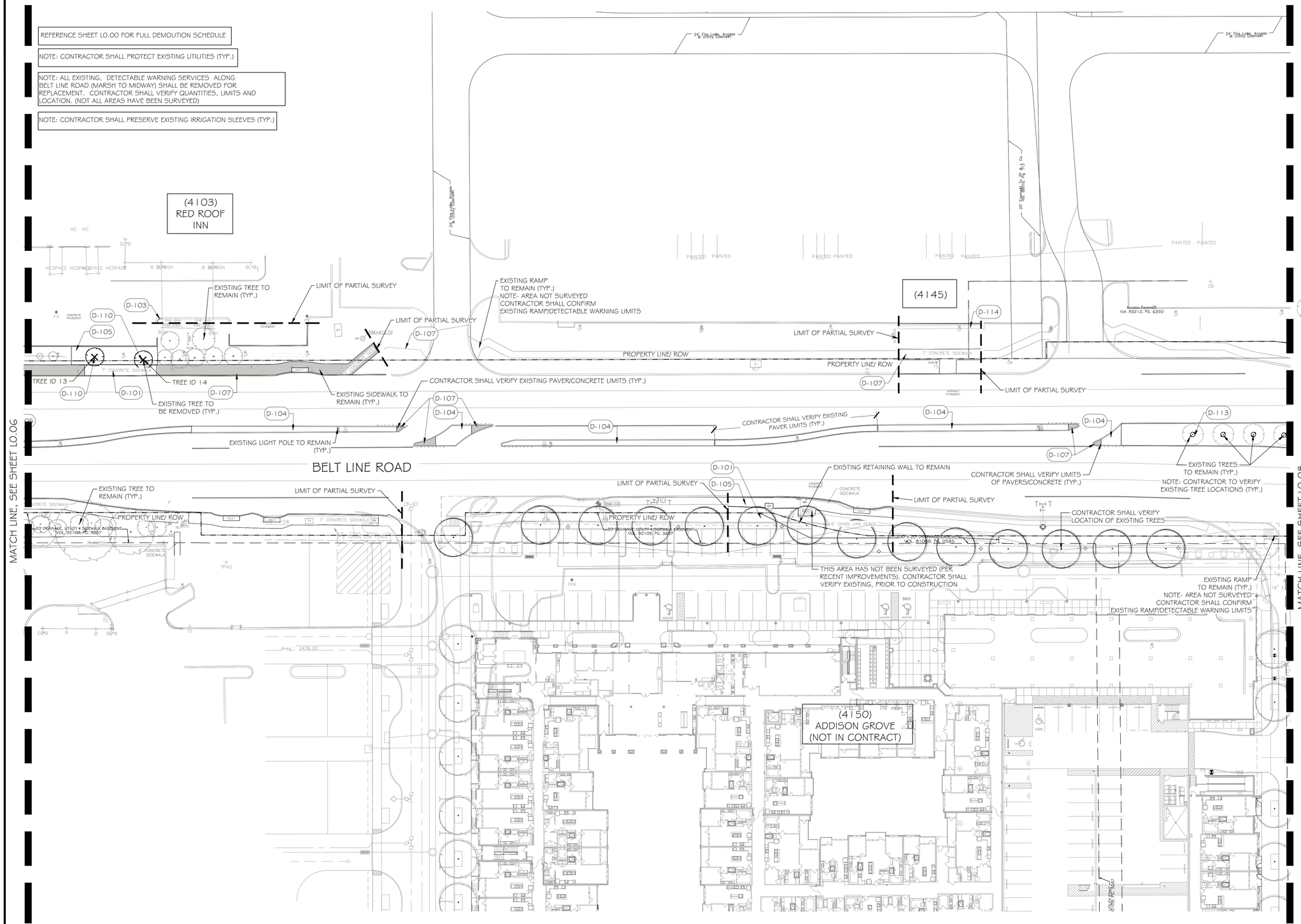
PK FILE: 4267-19.152

REFERENCE SHEET L0.00 FOR FULL DEMOLITION SCHEDULE

NOTE: CONTRACTOR SHALL PROTECT EXISTING UTILITIES (TYP.)

NOTE: ALL EXISTING, DETECTABLE WARNING SERVICES ALONG BELT LINE ROAD (MARSH TO MIDWAY) SHALL BE REMOVED FOR REPLACEMENT. CONTRACTOR SHALL VERIFY QUANTITIES, LIMITS AND LOCATION. (NOT ALL AREAS HAVE BEEN SURVEYED)

NOTE: CONTRACTOR SHALL PRESERVE EXISTING IRRIGATION SLEEVES (TYP.)



1 DEMOLITION PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DEMOLITION DESCRIPTION
D-101	EXISTING CONCRETE REMOVAL
D-102	EXISTING CONCRETE REMOVAL (ADD ALTERNATE)
D-103	CONCRETE CURB REMOVAL
D-104	EXISTING PAVER REMOVAL (PAVERS TO BE STACKED ON A PALLET AND DELIVERED TO OWNER'S NEARBY STORAGE LOT)
D-105	CLEARING AND GRUBBING (GROUNDCOVER, TURF OR SHRUBS)
D-106	CLEARING AND GRUBBING (ADD ALTERNATE) (GROUNDCOVER, TURF OR SHRUBS)
D-107	EXISTING CONCRETE TO REMAIN
D-108	EXISTING WALL REMOVAL
D-109	EXISTING WALL TO REMAIN REFERENCE LAYOUT SHEETS FOR VENEER SPECIFICATIONS
D-110	TREE REMOVAL
D-111	TREE REMOVAL (ADD ALTERNATE)
D-112	TREE PROTECTION FENCING
D-113	TREE TRUNK PROTECTION
D-114	EXISTING SHRUBS TO REMAIN

TREE REMOVAL TABLE

TREE ID	TRUNK	COMMON NAME	CALIPER INCH	PRESERVED /REMOVED
01	Single	Oak	3	REMOVED
02	Single	Live Oak	20	REMOVED
03	Single	Live Oak	12	REMOVED
04	Single	Ash	8	REMOVED
05	Single	Oak	3	REMOVED
06	Single	Oak	10	REMOVED
07	Single	Oak	12	REMOVED
08	Single	Oak	16	REMOVED
09	Single	Oak	16	REMOVED
10	Multi	Crepe Myrtle	8	REMOVED
11	Multi	Crepe Myrtle	8	REMOVED
12	Multi	Crepe Myrtle	8	REMOVED
13	Multi	Crepe Myrtle	12	REMOVED
14	Multi	Crepe Myrtle	14	REMOVED
15	Single	Live Oak	13	REMOVED
16	Single	Live Oak	12	REMOVED

REGISTERED LANDSCAPE ARCHITECT AMBER M. DAVIS 3363 STATE OF TEXAS

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

DEMOLITION PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

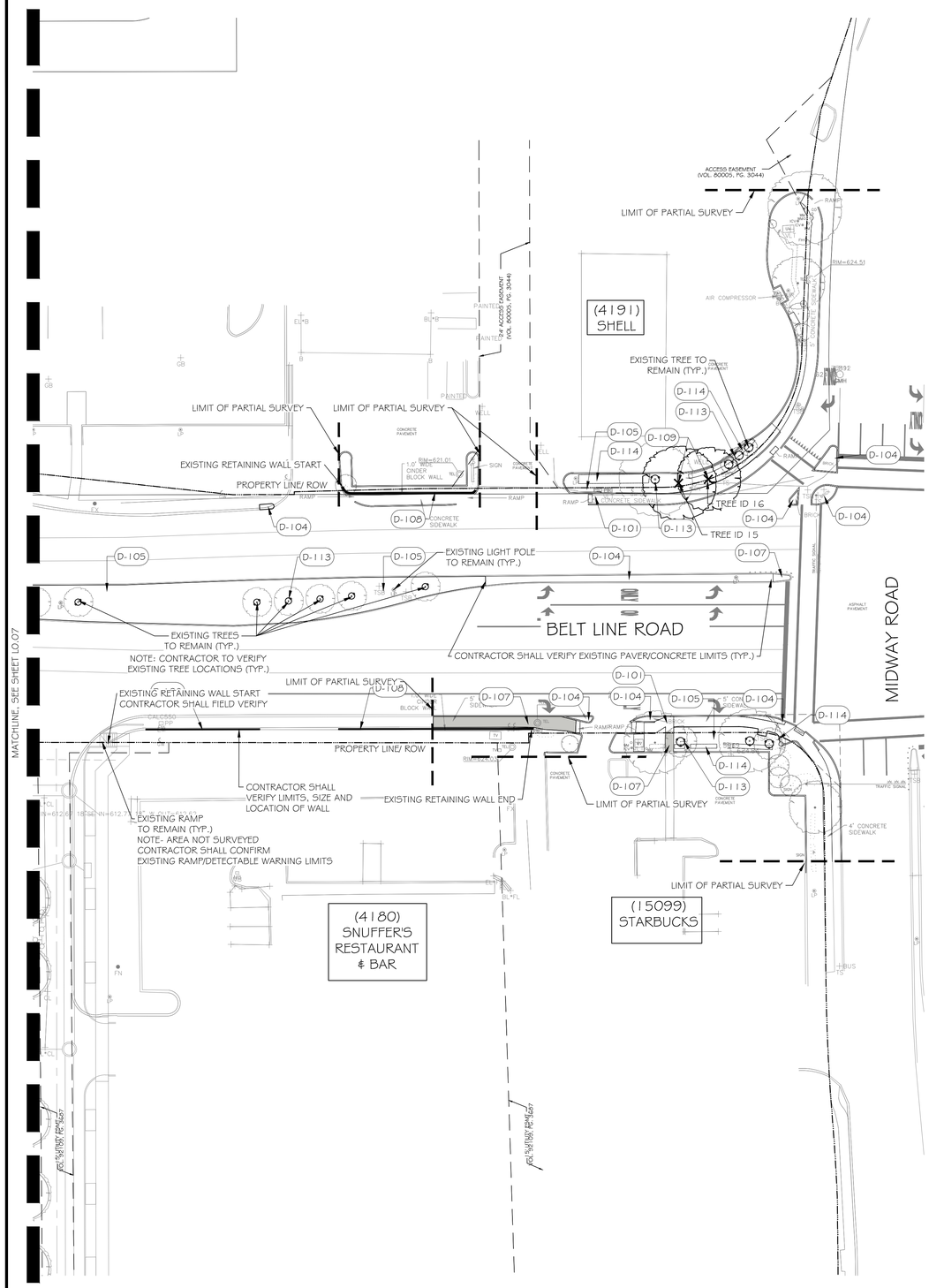
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.07

0 15 30 60 90
GRAPHIC SCALE IN FEET

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 DEMOLITION PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DEMOLITION DESCRIPTION
D-101	EXISTING CONCRETE REMOVAL
D-102	EXISTING CONCRETE REMOVAL (ADD ALTERNATE)
D-103	CONCRETE CURB REMOVAL
D-104	EXISTING PAVER REMOVAL (PAVERS TO BE STACKED ON A PALLET AND DELIVERED TO OWNER'S NEARBY STORAGE LOT)
D-105	CLEARING AND GRUBBING (GROUNDCOVER, TURF OR SHRUBS)
D-106	CLEARING AND GRUBBING (ADD ALTERNATE) (GROUNDCOVER, TURF OR SHRUBS)
D-107	EXISTING CONCRETE TO REMAIN
D-108	EXISTING WALL REMOVAL
D-109	EXISTING WALL TO REMAIN REFERENCE LAYOUT SHEETS FOR VENEER SPECIFICATIONS
D-110	TREE REMOVAL
D-111	TREE REMOVAL (ADD ALTERNATE)
D-112	TREE PROTECTION FENCING
D-113	TREE TRUNK PROTECTION
D-114	EXISTING SHRUBS TO REMAIN

REFERENCE SHEET L0.00 FOR FULL DEMOLITION SCHEDULE

NOTE: CONTRACTOR SHALL PROTECT EXISTING UTILITIES (TYP.)

NOTE: ALL EXISTING, DETECTABLE WARNING SERVICES ALONG BELT LINE ROAD (MARSH TO MIDWAY) SHALL BE REMOVED FOR REPLACEMENT. CONTRACTOR SHALL VERIFY QUANTITIES, LIMITS AND LOCATION. (NOT ALL AREAS HAVE BEEN SURVEYED)

NOTE: CONTRACTOR SHALL PRESERVE EXISTING IRRIGATION SLEEVES (TYP.)

0 15 30 60 90
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

811

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

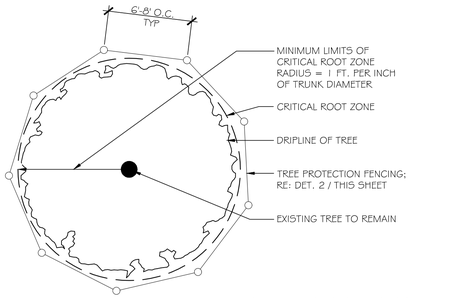
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

DEMOLITION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.08

PK FILE: 4267-19.152

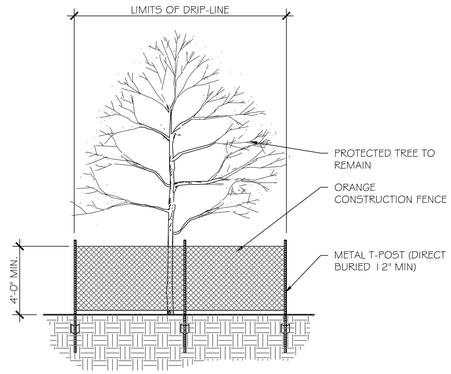
BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



NOTE: TREE PROTECTION FENCING SHALL BE PLACED AT OR BEYOND THE DRIP LINE OR CRITICAL ROOT ZONE, WHICHEVER IS GREATER.

1 TREE PROTECTION FENCING - PLAN VIEW

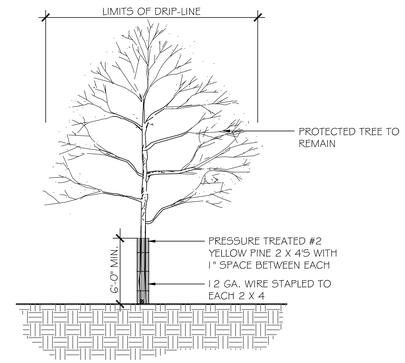
N.T.S



2 TREE PROTECTION FENCING

3/4" = 1'-0"

NOTE:
DO NOT DISTURB THE GRADE, PLACE ANY CONSTRUCTION MATERIAL OR PARK ANY VEHICLES WITHIN THE DRIP-LINE OF THE EXISTING TREES



3 TREE TRUNK PROTECTION

3/4" = 1'-0"

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

DEMOLITION DETAILS

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

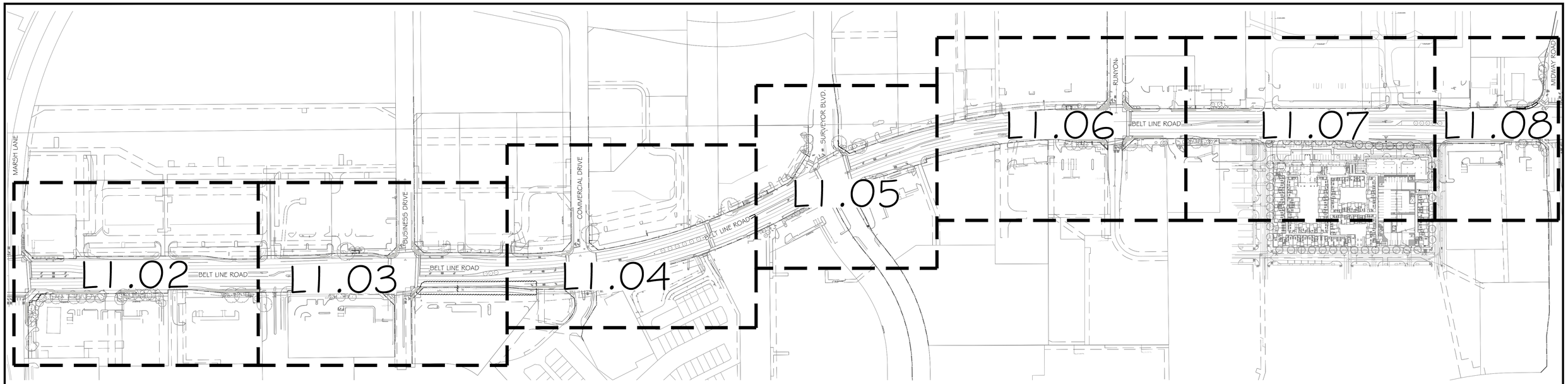
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L0.09

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 OVERALL LAYOUT PLAN
1" = 150'-0"

REFERENCE NOTES SCHEDULE (PROJECT TOTALS)

SYMBOL	DESCRIPTION	QTY	DETAIL
1	STANDARD PEDESTRIAN CONCRETE PAVING	3,080 SF	1/L1.14
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM	3,423 SF	PER TOWN STANDARD
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE	4,279 SF	PER TOWN STANDARD
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM	1,804 SF	
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM	504 SF	PER TOWN STANDARD
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM	9,511 SF	PER TOWN STANDARD
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE	8,868 SF	PER TOWN STANDARD
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER	48 SF	PER MANUFACTURER DETAILS
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12'X6' CONTACT: LARA MOFFAT (800.430.6206 X 1309)	6 EA	PER MANUFACTURER DETAILS
8	6' BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK	13 EA	PER MANUFACTURER DETAILS
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK	17 EA	PER MANUFACTURER DETAILS
10	2' X 2' X 2' LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575	37 EA	7/L1.14
11	2' X 2' X 2' STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM	30 EA	5/L3.09
12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575	460 LF	5/L1.14
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575	167 LF	5/L1.14
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575	590 LF	6/L1.14
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRW5-101 COLOR: BLACK	6	PER MANUFACTURER DETAILS
16	GATEWAY MONUMENT	1 EA	PER SHEET L1.15
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP	4 EA	PER TOWN STANDARD
18	STEEL EDGING 3/16" THICKNESS	381 LF	3/L3.09
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6"X45"X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)	4 EA	PER MANUFACTURER DETAILS
20	6" CONCRETE PAVER EDGE RESTRAINT	3,042 LF	PER TOWN STANDARD

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

0 75 150 300 450
GRAPHIC SCALE IN FEET

OVERALL LAYOUT PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

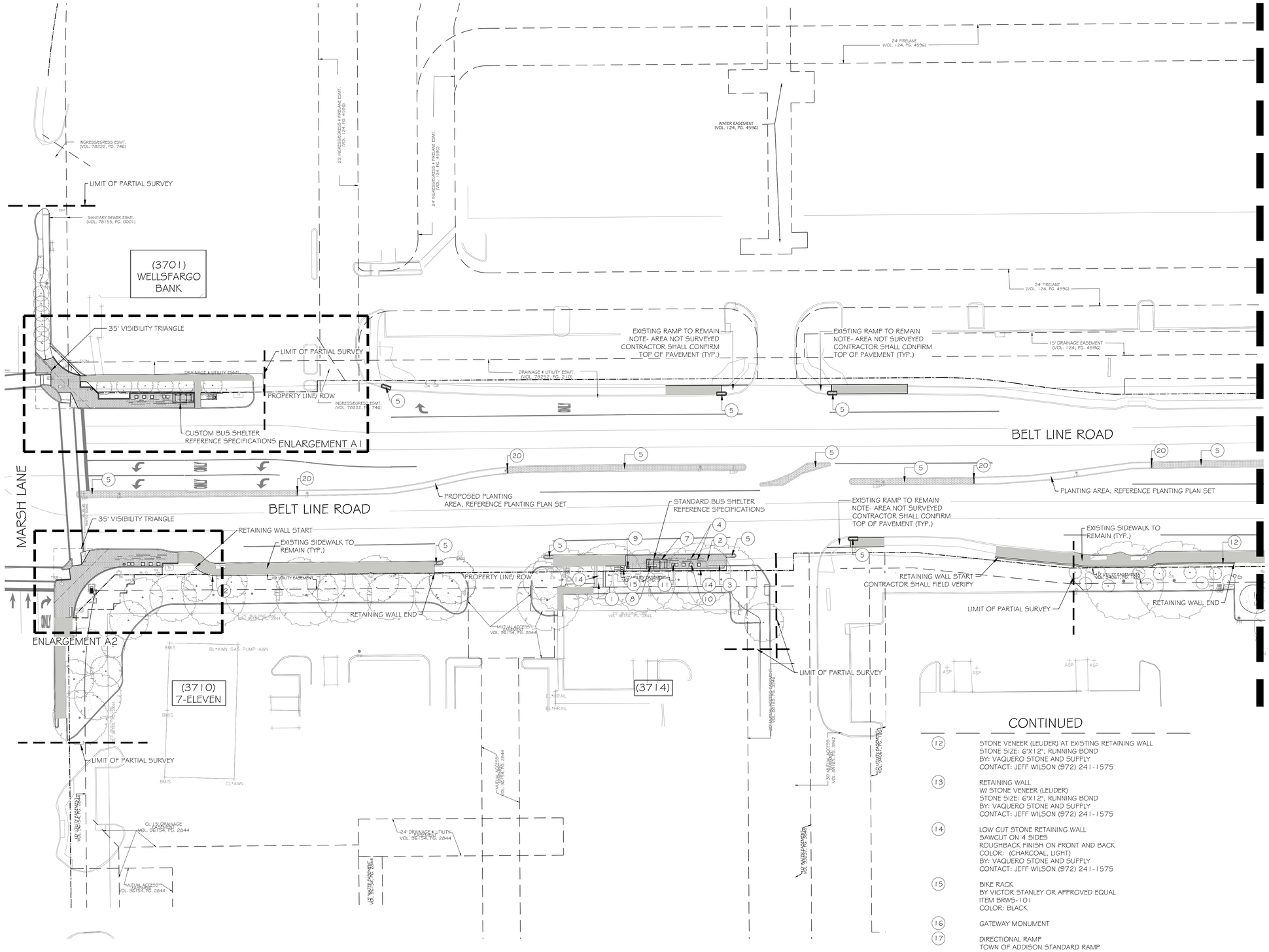
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.01

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 LAYOUT PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12'X6' CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6' BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK
10	2' X 2' X 2' LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2' X 2' X 2' STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM

CONTINUED

12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRW5-101 COLOR: BLACK
16	GATEWAY MONUMENT
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP
18	STEEL EDGING 3/16" THICKNESS
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6"X45"X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)
20	6" CONCRETE PAVER EDGE RESTRAINT

CONTINUED

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

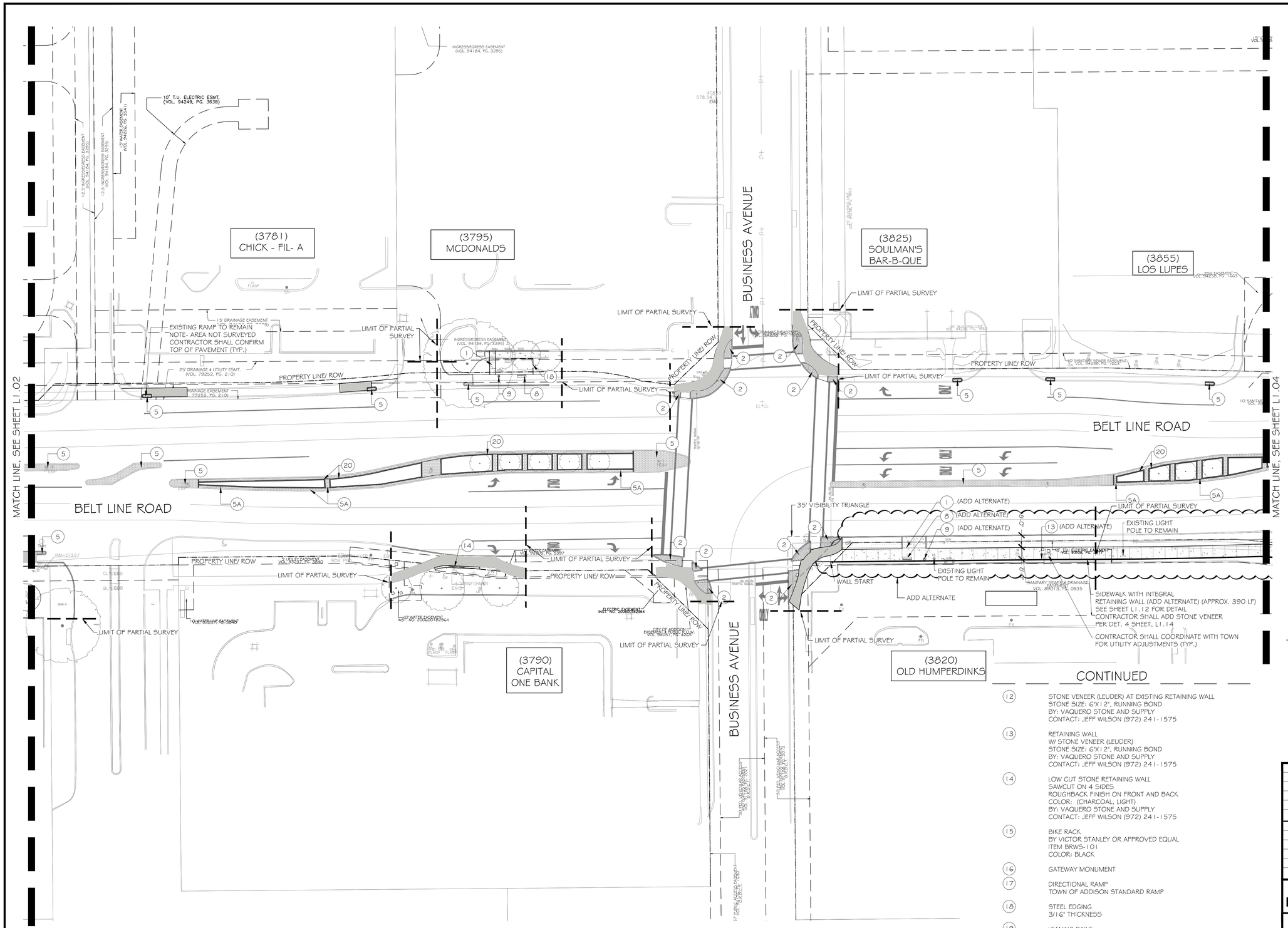
LAYOUT PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

0 15 30 60 90
GRAPHIC SCALE IN FEET

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.02

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 LAYOUT PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12'X6 CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6' BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK
10	2' X 2' X 2' LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2' X 2' X 2' STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM

CONTINUED

12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRW5-101 COLOR: BLACK
16	GATEWAY MONUMENT
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP
18	STEEL EDGING 3/16" THICKNESS
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6"X45"X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)
20	6" CONCRETE PAVER EDGE RESTRAINT

CONTINUED

0 15 30 60 90
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

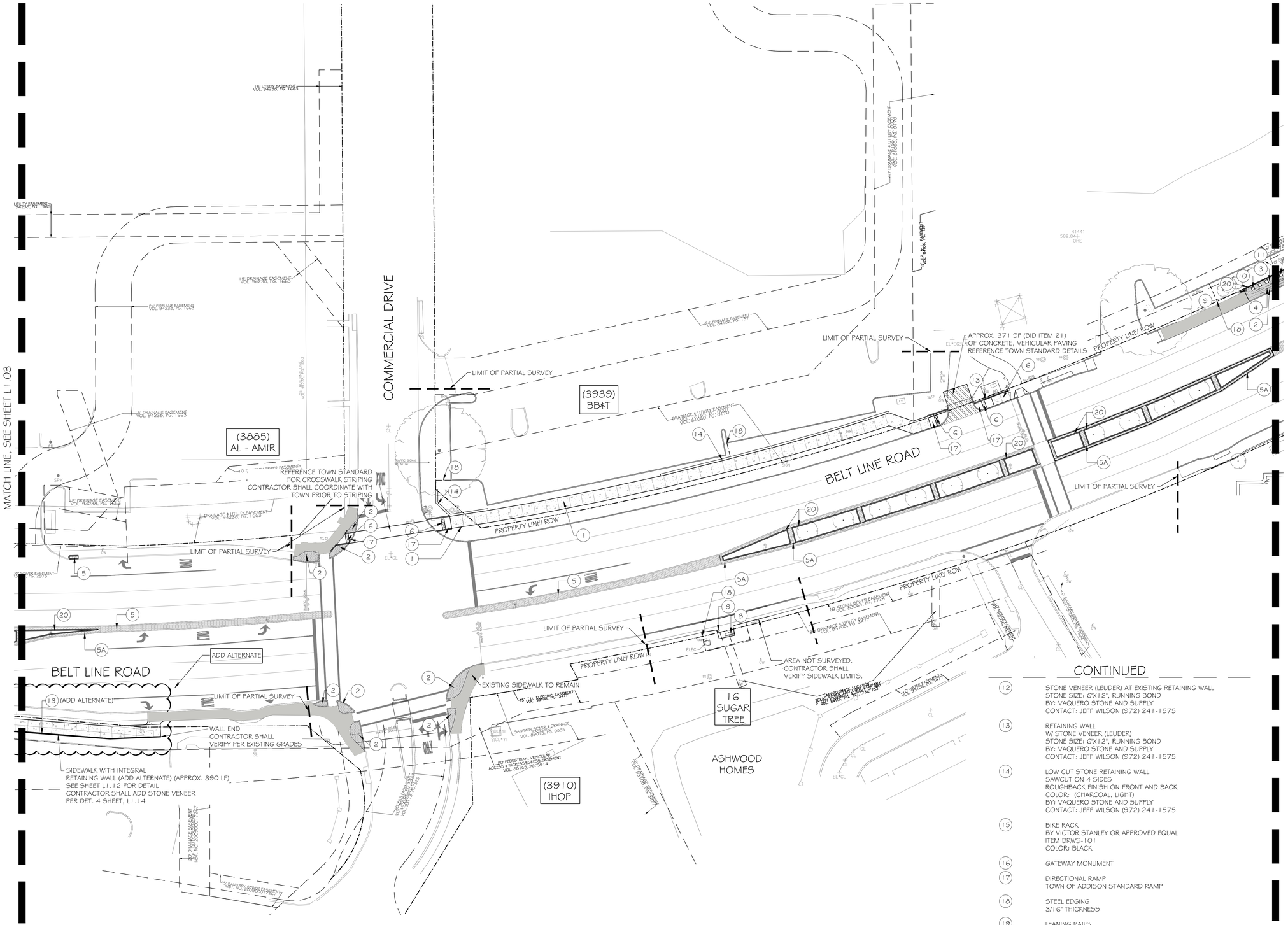
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

LAYOUT PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.03

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 LAYOUT PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12`X6` CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6` BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK
10	2` X 2` X 2` LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2` X 2` X 2` STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM

CONTINUED

12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRW5-101 COLOR: BLACK
16	GATEWAY MONUMENT
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP
18	STEEL EDGING 3/16" THICKNESS
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6'X45"X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)
20	6" CONCRETE PAVER EDGE RESTRAINT

CONTINUED

0 15 30 60 90
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

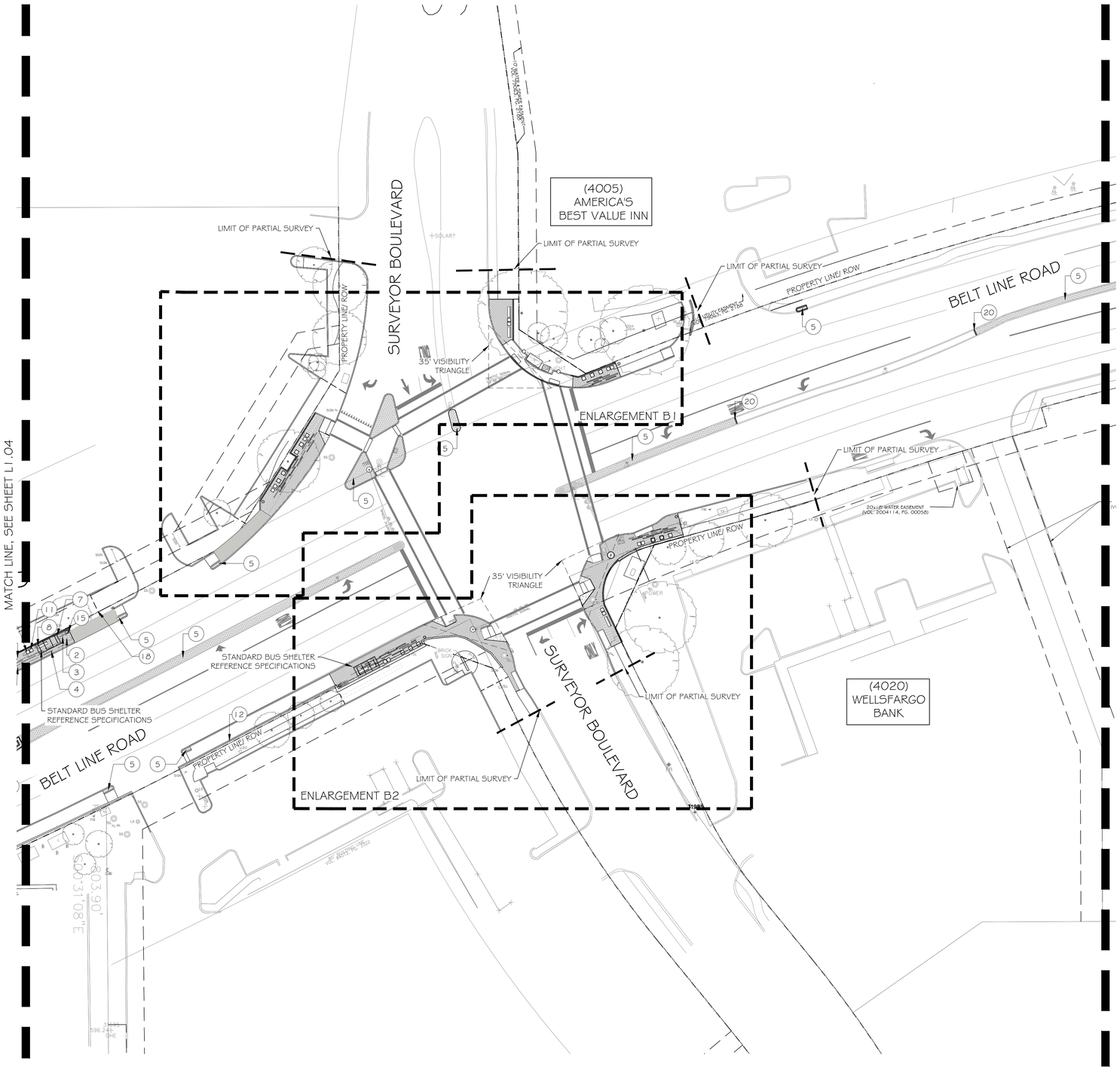
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

LAYOUT PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.04

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 LAYOUT PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12'X6' CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6' BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK
10	2' X 2' X 2' LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2' X 2' X 2' STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM
12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRWS-101 COLOR: BLACK
16	GATEWAY MONUMENT
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP
18	STEEL EDGING 3/16" THICKNESS
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6"X45"X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)
20	6" CONCRETE PAVER EDGE RESTRAINT

0 15 30 60 90
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
9363
STATE OF TEXAS
Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

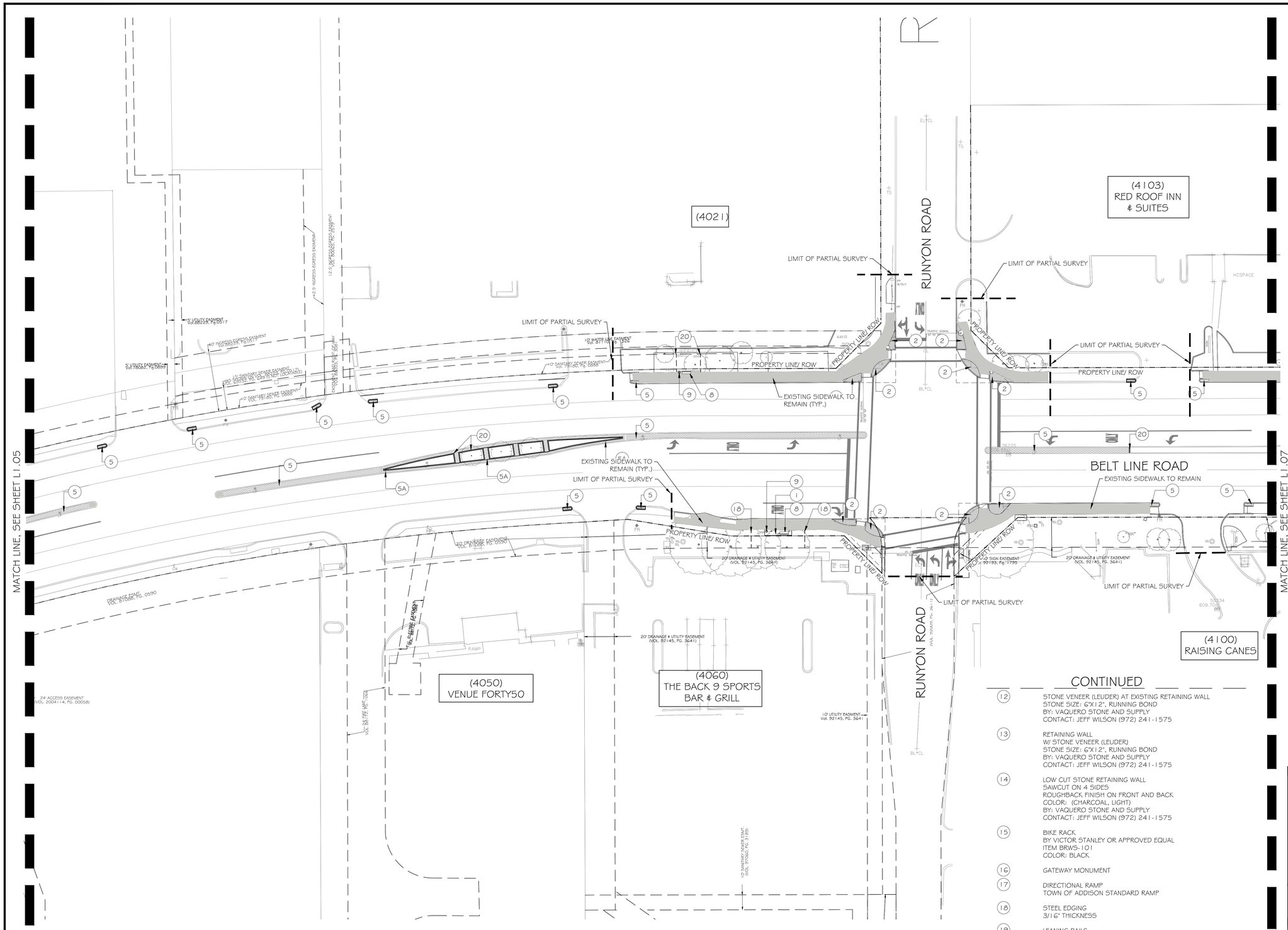
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

LAYOUT PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.05

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 LAYOUT PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12`X6` CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6` BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK
10	2` X 2` X 2` LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2` X 2` X 2` STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM

CONTINUED

12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRW5-101 COLOR: BLACK
16	GATEWAY MONUMENT
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP
18	STEEL EDGING 3/16" THICKNESS
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6'X45'X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)
20	6" CONCRETE PAVER EDGE RESTRAINT

0 15 30 60 90
GRAPHIC SCALE IN FEET

CONTINUED

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

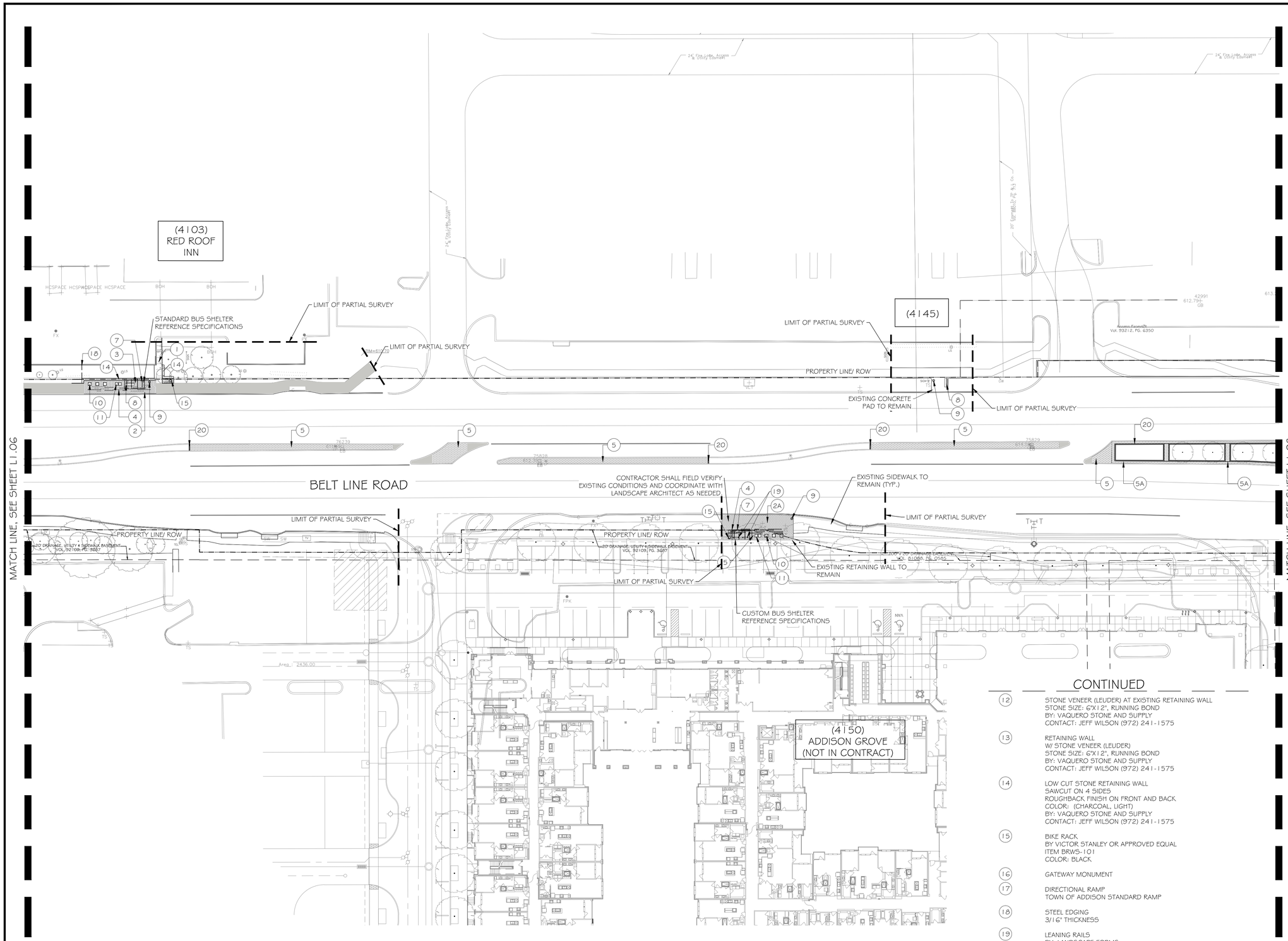
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

LAYOUT PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.06

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 LAYOUT PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12`X6` CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6` BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK
10	2` X 2` X 2` LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2` X 2` X 2` STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM

CONTINUED

SYMBOL	DESCRIPTION
12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRW5-101 COLOR: BLACK
16	GATEWAY MONUMENT
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP
18	STEEL EDGING 3/16" THICKNESS
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6"X45"X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)
20	6" CONCRETE PAVER EDGE RESTRAINT

0 15 30 60 90
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

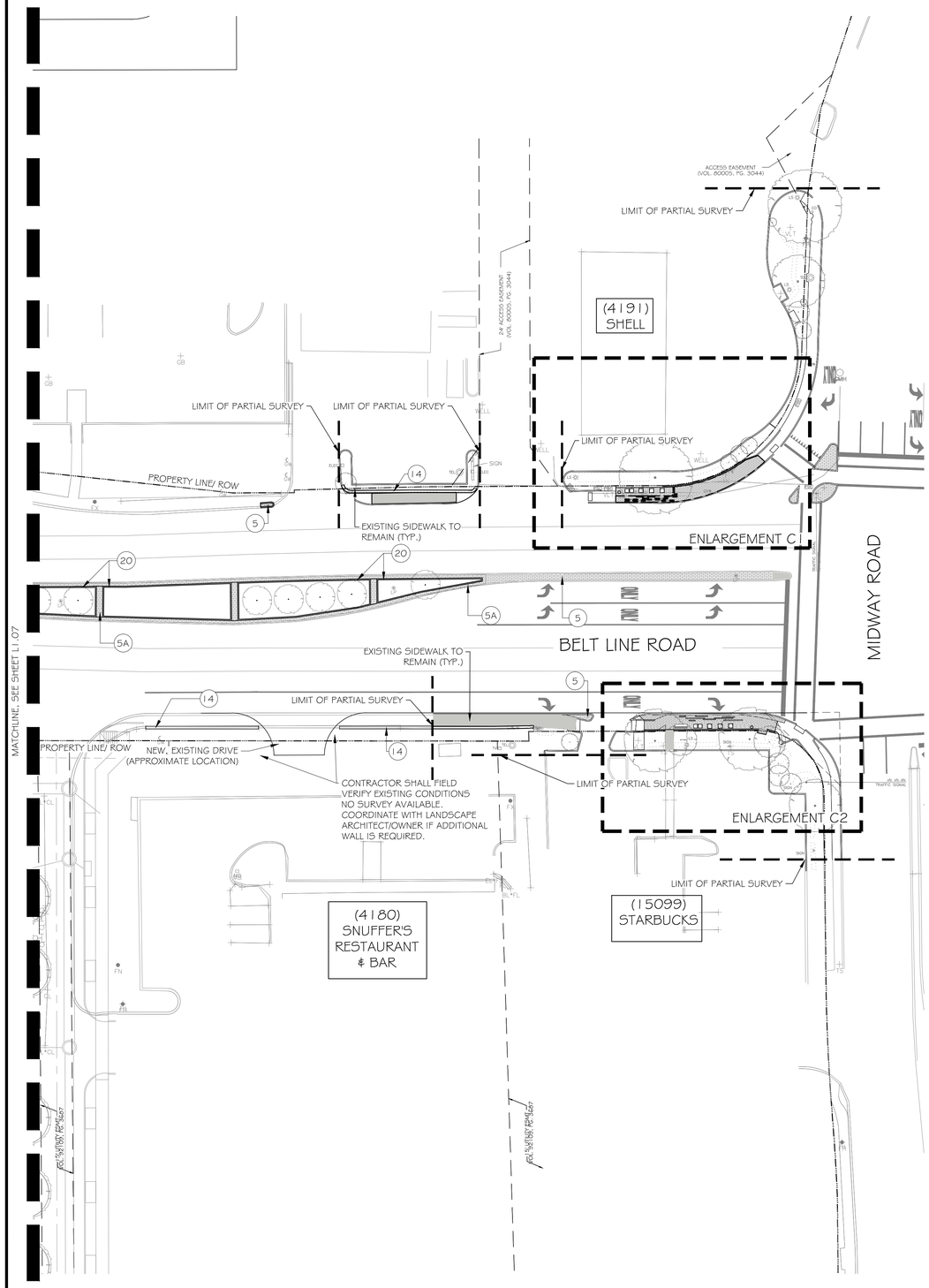
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

LAYOUT PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.07

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 LAYOUT PLAN
1" = 30'-0"

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12'X6' CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6' BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK
10	2' X 2' X 2' LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2' X 2' X 2' STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM
12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRW5-101 COLOR: BLACK
16	GATEWAY MONUMENT
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP
18	STEEL EDGING 3/16" THICKNESS
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6"X45"X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)
20	6" CONCRETE PAVER EDGE RESTRAINT

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

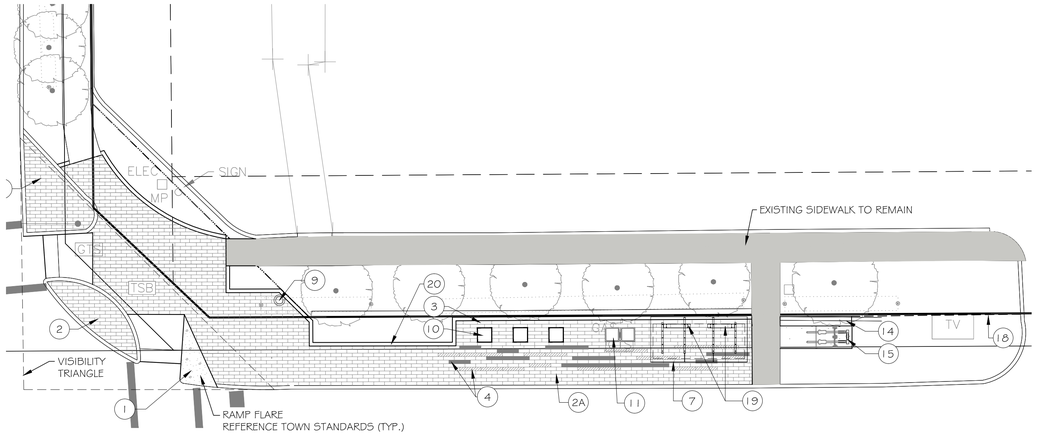
0 15 30 60 90
GRAPHIC SCALE IN FEET

LAYOUT PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.08

PK FILE: 4267-19.152

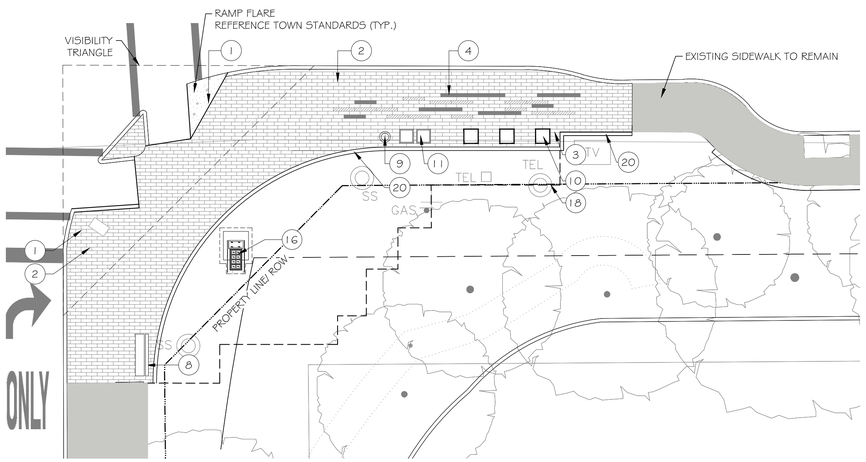
BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 ENLARGEMENT A1 (MARSH LANE)

1" = 30'-0"

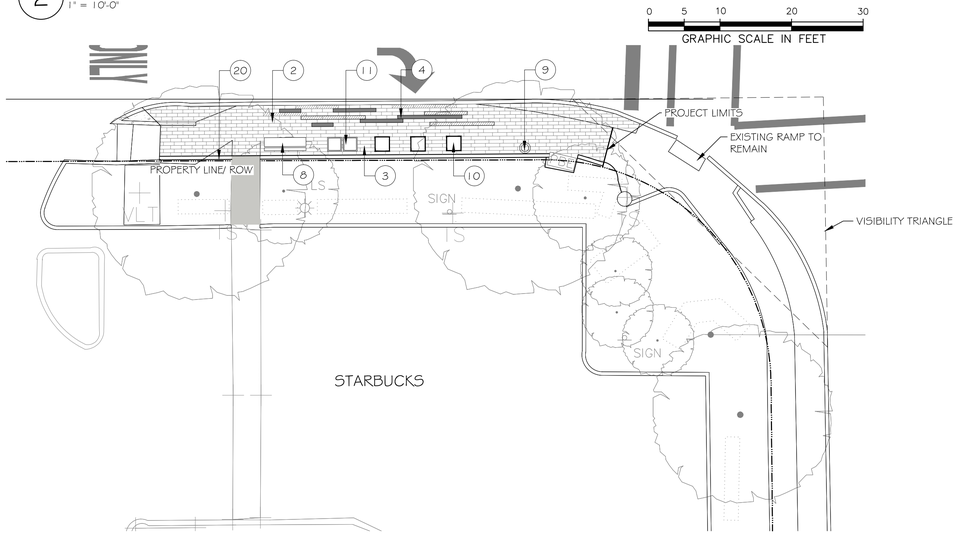
0 5 10 20 30
GRAPHIC SCALE IN FEET



2 ENLARGEMENT A2 (MARSH LANE)

1" = 10'-0"

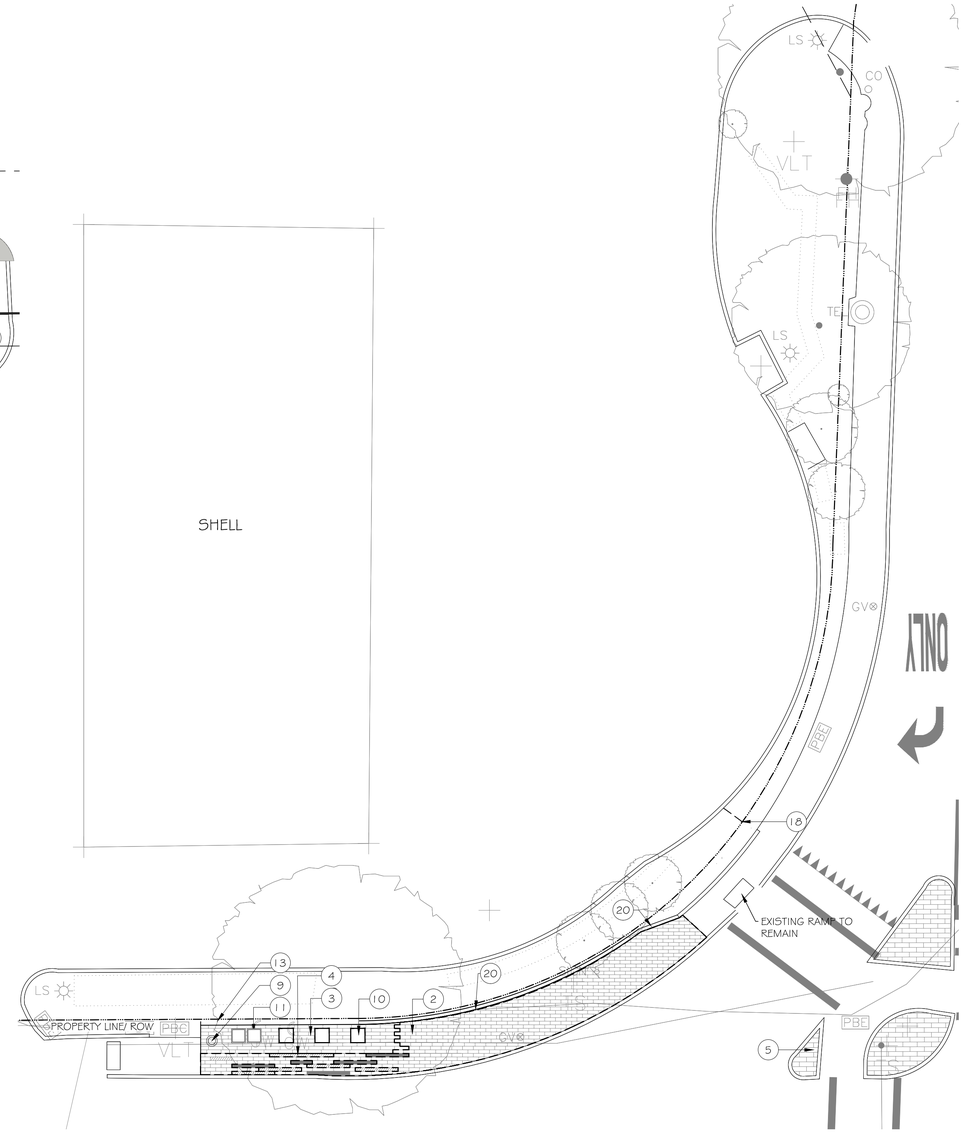
0 5 10 20 30
GRAPHIC SCALE IN FEET



4 ENLARGEMENT C2 (MIDWAY ROAD)

1" = 10'-0"

0 5 10 20 30
GRAPHIC SCALE IN FEET



3 ENLARGEMENT C1 (MIDWAY ROAD)

1" = 10'-0"

0 5 10 20 30
GRAPHIC SCALE IN FEET

CONTINUED

13 RETAINING WALL
W/ STONE VENEER (LEUDER)
STONE SIZE: 6"X12", RUNNING BOND
BY: VAQUERO STONE AND SUPPLY
CONTACT: JEFF WILSON (972) 241-1575

14 LOW CUT STONE RETAINING WALL
SAWCUT ON 4 SIDES
ROUGHBACK FINISH ON FRONT AND BACK
COLOR: (CHARCOAL, LIGHT)
BY: VAQUERO STONE AND SUPPLY
CONTACT: JEFF WILSON (972) 241-1575

15 BIKE RACK
BY VICTOR STANLEY OR APPROVED EQUAL
ITEM BRW5-101
COLOR: BLACK

16 GATEWAY MONUMENT

17 DIRECTIONAL RAMP
TOWN OF ADDISON STANDARD RAMP

18 STEEL EDGING
3/16" THICKNESS

19 LEANING RAILS
BY: LANDSCAPE FORMS
TYPE: CONNECT RAILS- LEANING RAIL
SIZE: 6"X45"X30"
CONTACT: LARA MOFFAT (800.430.6206 X 1309)

20 6" CONCRETE PAVER EDGE RESTRAINT

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12'X6' CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6' BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK
10	2' X 2' X 2' LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2' X 2' X 2' STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM
12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575

CONTINUED

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

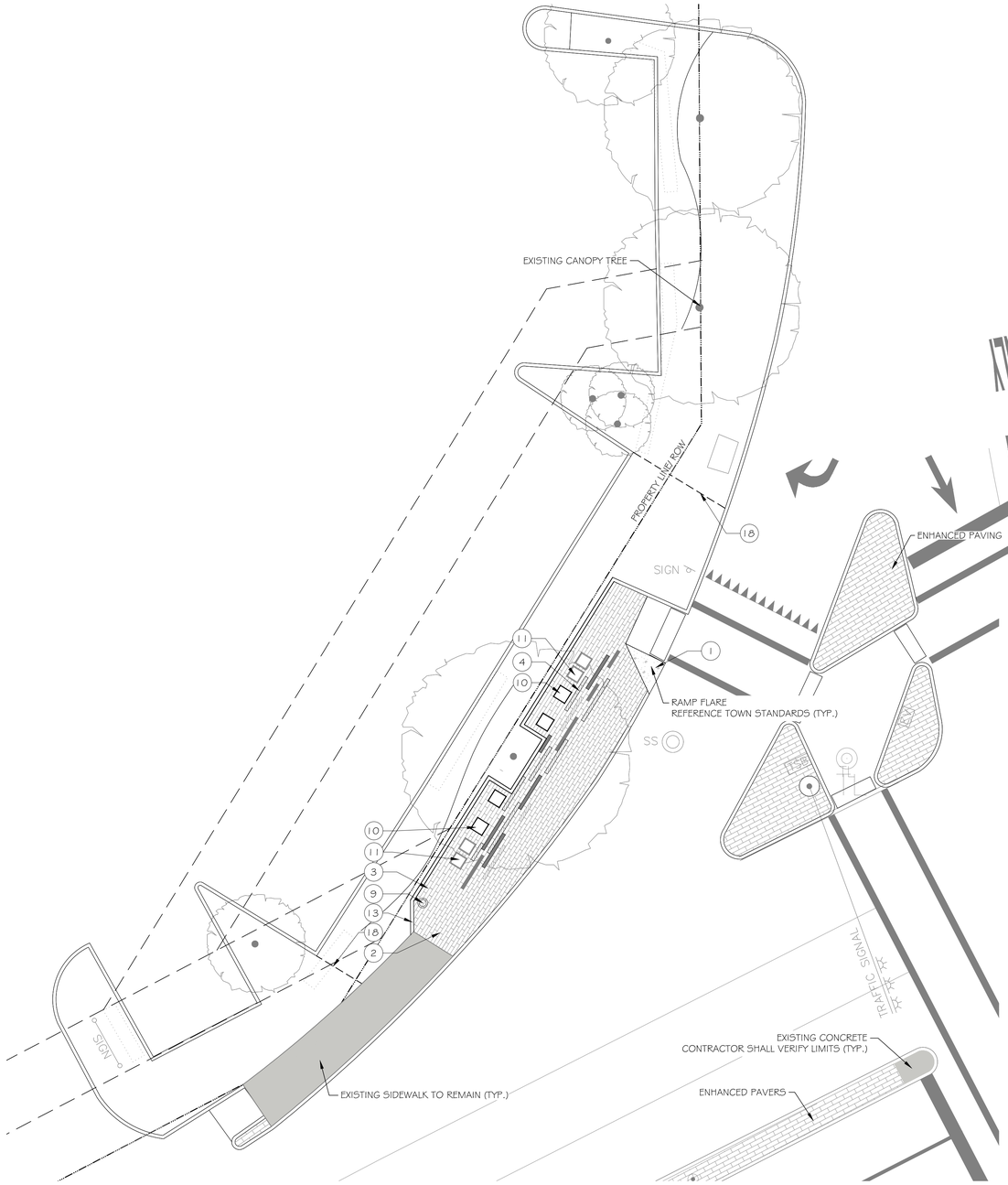
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

LAYOUT PLAN ENLARGEMENTS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

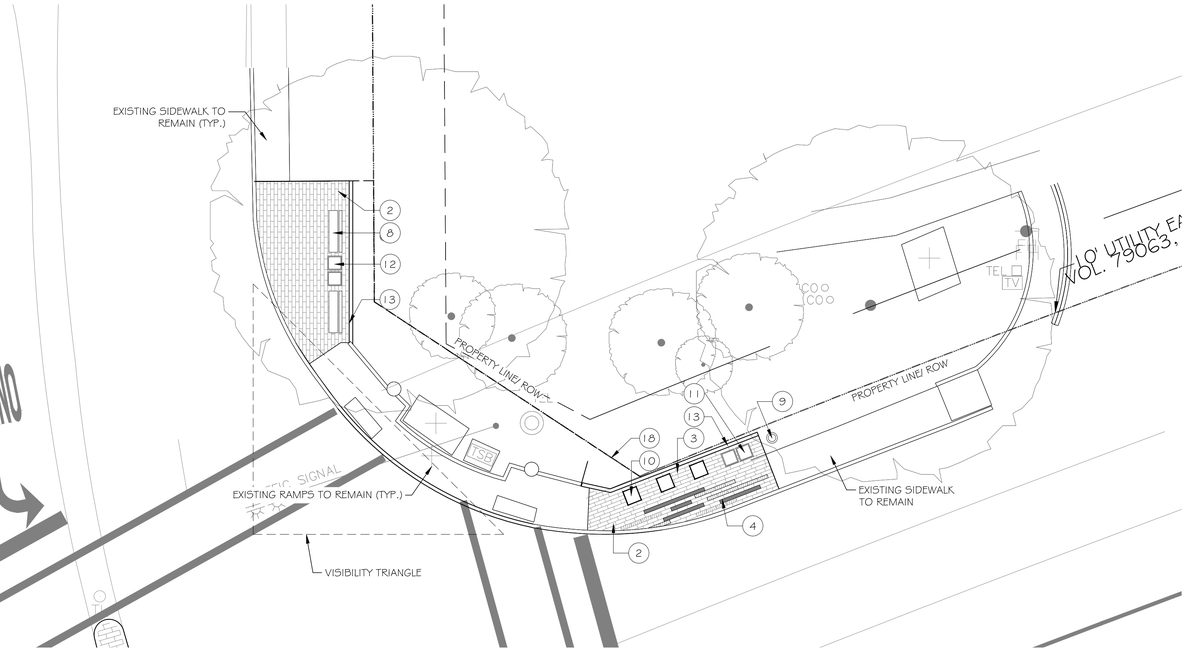
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.09

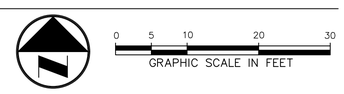
BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 ENLARGEMENT B1 (SURVEYOR)
1" = 10'-0"





REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12'X6' CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6' BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK

CONTINUED

CONTINUED

SYMBOL	DESCRIPTION
10	2' X 2' X 2' LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2' X 2' X 2' STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM
12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRW5-101 COLOR: BLACK
16	GATEWAY MONUMENT
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP
18	STEEL EDGING 3/16" THICKNESS
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6"X45"X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)
20	6" CONCRETE PAVER EDGE RESTRAINT

CONTINUED

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
1	01/02/2020	100% CONSTRUCTION DOCUMENTS
4	12/09/2019	90% CONSTRUCTION DOCUMENTS
3	07/30/2019	DESIGN DEVELOPMENT
2	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

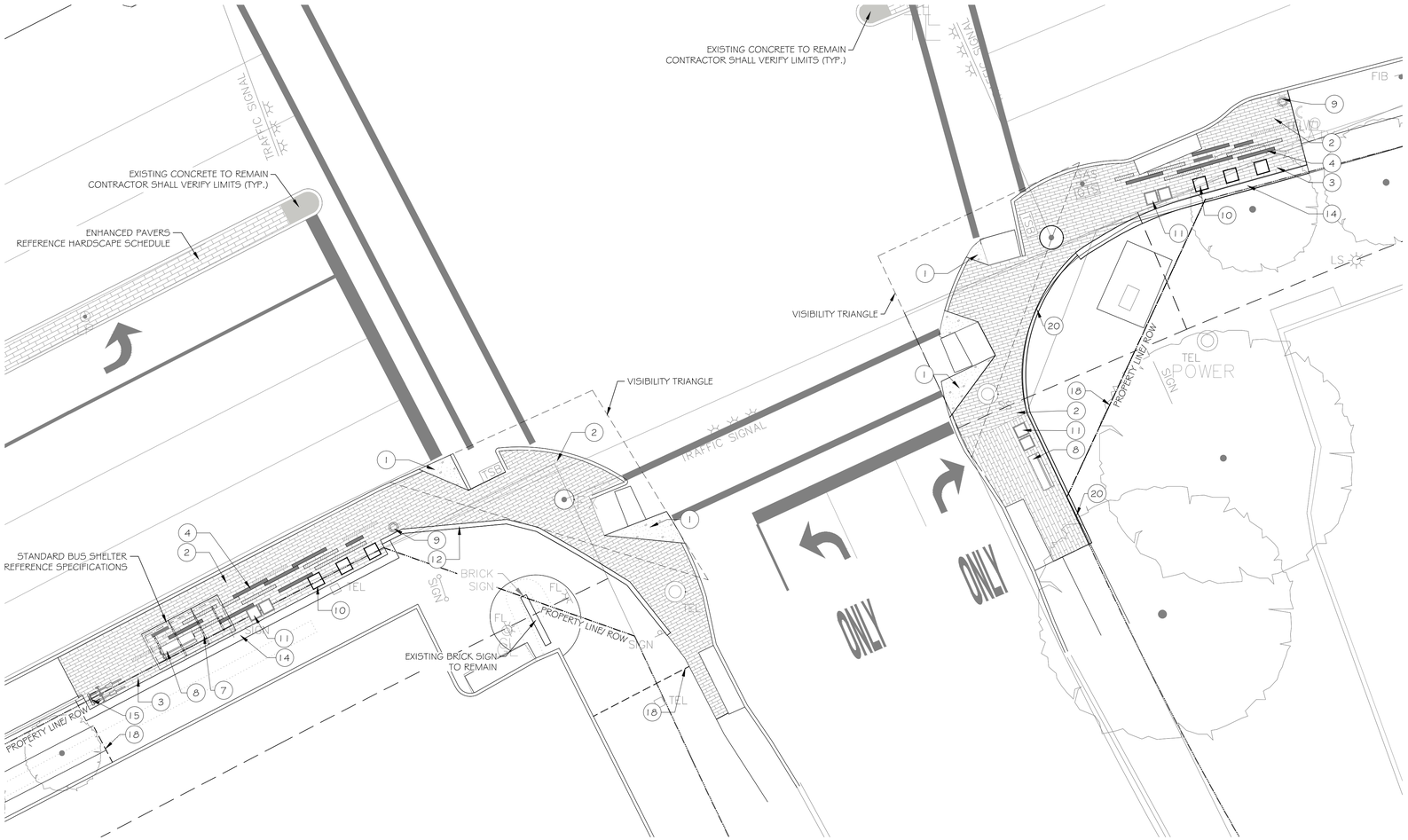
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

LAYOUT PLAN ENLARGEMENTS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

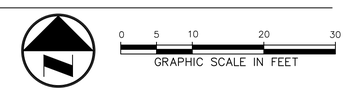
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.10

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 ENLARGEMENT B2 (SURVEYOR)
1" = 10'-0"



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	STANDARD PEDESTRIAN CONCRETE PAVING
2	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 18", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
2A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
3	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 24", THICKNESS 2 1/2" COLOR: MATRIX M1064 CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
4	ENHANCED PEDESTRIAN PAVERS BY HANOVER OR APPROVED EQUAL TYPE: PLANKSTONE PAVERS SIZE: 6" X 36, THICKNESS 2 1/2" COLOR: SUPER BLACK (55%) GLACIER WHITE (45%) CONTACT: DIANE COLLIER, AIA 214.238.3100 WWW.COLLIERGROUPTX.COM
5	ENHANCED PEDESTRIAN PAVERS W/ EXISTING CONCRETE BASE BY PAVESTONE, SIZE 4"X8", THICKNESS, 80MM TYPE: KEYSTONE VERONA, QUARTEX FINISH COLOR: CHARCOAL CONTACT: JOEY GUEDEA, JOEYG@KEYSTONEHARDSCAPES.COM WWW.KEYSTONEHARDSCAPES.COM
5A	ENHANCED PEDESTRIAN PAVERS W/ NEW CONCRETE BASE
6	TEKWAY HIGH PERFORMANCE ADA DOME-TILE MANUFACTURER: STRONGGO INDUSTRIES THICKNESS: 3/4" COLOR: TO BE DETERMINED BY OWNER
7	BUS SHELTER WITH SOLAR LIGHTING GLASS BY: LANDSCAPE FORMS TYPE: CONNECT 2.0 TOWN OF ADDISON STANDARD SIZE: 12`X6` CONTACT: LARA MOFFAT (800.430.6206 X 1309)
8	6` BENCH BY VICTOR STANLEY OR APPROVED EQUAL ITEM RB-28 COLOR: BLACK
9	36 GALLON TRASH RECEPTACLE BY VICTOR STANLEY OR APPROVED EQUAL ITEM S-42 COLOR: BLACK

CONTINUED

CONTINUED

10	2` X 2` X 2` LUEDERS CUT STONE BENCH SAWCUT TOP AND BOTTOM ONLY ROUGHBACK FINISH ON FRONT, BACK AND ENDS COLOR: CHARCOAL (LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
11	2` X 2` X 2` STEEL PLANTER BY FORM AND FIBER OR APPROVED EQUAL TYPE: BOX SERIES (STEEL) COLOR: ADDISON BLUE CONTACT: CHRISTINA EVANS, 870.330.1510 LIGHTSPEK.COM
12	STONE VENEER (LEUDER) AT EXISTING RETAINING WALL STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
13	RETAINING WALL W/ STONE VENEER (LEUDER) STONE SIZE: 6"X12", RUNNING BOND BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
14	LOW CUT STONE RETAINING WALL SAWCUT ON 4 SIDES ROUGHBACK FINISH ON FRONT AND BACK COLOR: (CHARCOAL, LIGHT) BY: VAQUERO STONE AND SUPPLY CONTACT: JEFF WILSON (972) 241-1575
15	BIKE RACK BY VICTOR STANLEY OR APPROVED EQUAL ITEM BRW5-101 COLOR: BLACK
16	GATEWAY MONUMENT
17	DIRECTIONAL RAMP TOWN OF ADDISON STANDARD RAMP
18	STEEL EDGING 3/16" THICKNESS
19	LEANING RAILS BY: LANDSCAPE FORMS TYPE: CONNECT RAILS- LEANING RAIL SIZE: 6"X45"X30" CONTACT: LARA MOFFAT (800.430.6206 X 1309)
20	6" CONCRETE PAVER EDGE RESTRAINT

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

LAYOUT PLAN ENLARGEMENTS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.11

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152

GENERAL NOTES FOR PEDESTRIAN FACILITIES

1. ALL SLOPES ARE MAXIMUM ALLOWABLE. THE LEAST POSSIBLE SLOPE THAT WILL STILL DRAIN PROPERLY SHOULD BE USED. ADJUST CURB RAMP LENGTH OR GRADE OF APPROACH SIDEWALKS AS DIRECTED.
2. LANDINGS SHALL BE 5'X5' MINIMUM WITH A MAXIMUM 2% SLOPE IN ANY DIRECTION.
3. MANEUVERING SPACE AT THE BOTTOM OF CURB RAMPS SHALL BE A MINIMUM OF 4'X4' WHOLLY CONTAINED WITHIN THE CROSSWALK AND WHOLLY OUTSIDE THE PARALLEL VEHICULAR TRAVEL PATH.
4. MAXIMUM ALLOWABLE CROSS SLOPE ON SIDEWALK AND CURB RAMP SURFACES IS 2%
5. CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP, EITHER BECAUSE THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR BECAUSE THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED. OTHERWISE, PROVIDE FLARED SIDES.
6. ADDITIONAL INFORMATION ON CURB RAMP LOCATION, DESIGN, LIGHT REFLECTIVE VALUE AND TEXTURE MAY BE FOUND IN THE CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (TAS) AND 16 TAC §68.102.
7. CURB RAMPS SHALL BE ALIGNED WITH THEORETICAL CROSSWALKS, OR AS DIRECTED BY THE TOWN ENGINEER.
8. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS. PROVIDE CURB RAMPS WHEREVER ON ACCESSIBLE ROUTE CROSSES (PENETRATES) A CURB.
9. FLARE SLOPE SHALL NOT EXCEED 10% MEASURED ALONG CURB LINE.
10. BARRIER FREE RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (TAS).
11. ALL BARRIER FREE RAMPS MUST PASS AN INDEPENDENT INSPECTION. A LETTER OF COMPLIANCE ACCEPTANCE IS REQUIRED PRIOR TO FINAL ACCEPTANCE BY THE TOWN OF ADDISON.
12. STREETS ON STEEP GRADE WILL REQUIRE LONGER TRANSITION ON UPGRADE SIDE.
13. MAXIMUM SLOPE ON RAMP PORTION SHALL NOT EXCEED 1" PER FOOT AT ANY LOCATION. VERTICAL DISTANCE BETWEEN STREET AND RAMP SHALL NOT EXCEED ¼".

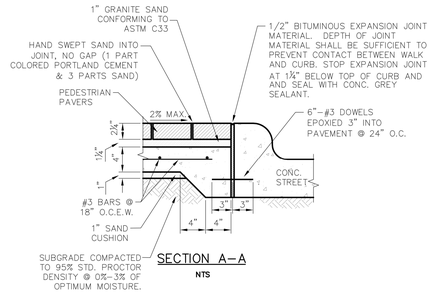
GENERAL NOTES FOR DETECTABLE WARNINGS

1. CURB RAMPS MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSIST OF RAISED TRUNCATED DOMES COMPLYING WITH SECTION 4.29 OF THE TEXAS ACCESSIBILITY STANDARDS (TAS). THE SURFACE MUST CONTRAST VISUALLY WITH THE ADJOINING SURFACES, INCLUDING SIDE FLARES. FURNISH DARK RED COLORED DETECTABLE WARNING SURFACE ADJACENT TO UNCOLORED CONCRETE AND CREAM COLORED DETECTABLE WARNING SURFACE ADJACENT TO DARK RED COLORED BRICK PAVERS.
2. DETECTABLE WARNING SURFACES MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
3. ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN ENTERING THE STREET.
4. DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24" IN DEPTH IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR LANDING WHERE THE PEDESTRIAN ACCESS ROUTE ENTERS THE STREET.
5. DETECTABLE WARNING SURFACES SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS A MINIMUM OF 6" AND A MAXIMUM OF 8" FROM THE EXTENSION OF THE FACE OF CURB AND SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. DETECTABLE WARNING SURFACES MAY BE CURVED ALONG THE CORNER RADIUS.

GENERAL NOTES FOR DETECTABLE WARNING PAVER UNITS

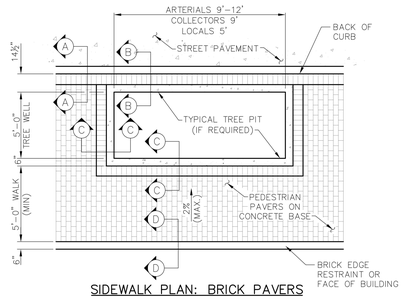
1. DETECTABLE WARNING PAVER UNITS SHALL MEET OR EXCEED ALL REQUIREMENTS OF ASTM C-936, C-33, AND BE LAID IN A TWO BY TWO UNIT BASKET WEAVE PATTERN OR AS DIRECTED.
2. LAY FULL-SIZE UNITS FIRST FOLLOWED BY CLOSURE UNITS CONSISTING OF AT LEAST 25 PERCENT OF A FULL UNIT. CUT DETECTABLE WARNING PAVER UNITS USING A POWER SAW.

PUBLIC WORKS DEPARTMENT	PEDESTRIAN FACILITIES GENERAL NOTES	STANDARD CONSTRUCTION DETAILS PAVING		
		DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-P37



SECTION A-A

NTS

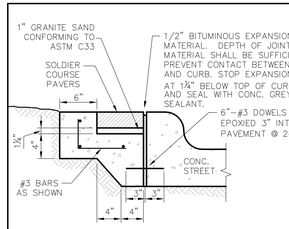


SIDEWALK PLAN: BRICK PAVERS

NTS

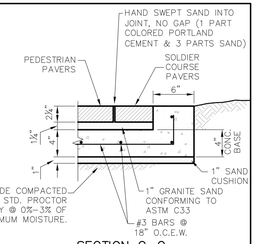
NOTE:
SEE SD-P29 FOR ADDITIONAL SECTIONS AND GENERAL NOTES

PUBLIC WORKS DEPARTMENT	SIDEWALK BRICK PAVERS	STANDARD CONSTRUCTION DETAILS PAVING		
		DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-P28



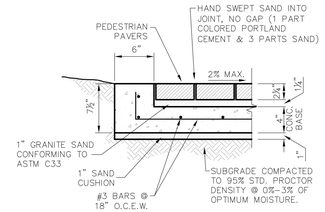
SECTION B-B

NTS



SECTION C-C

NTS



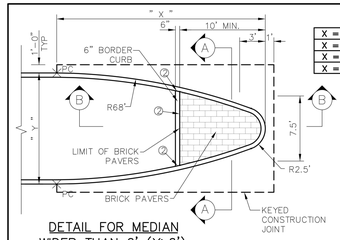
SECTION D-D

NTS

NOTES:

1. PEDESTRIAN PAVERS AND SOLDIER COURSE PAVERS SHALL BE LIGHT TRAFFIC PAVING BRICK MEETING ASTM C902, CLASS SX, TYPE II, APPLICATION PX, W/ DIMENSIONS (W)4"X(L)8"X(T)2¼".
2. PEDESTRIAN PAVERS SHALL BE APPROVED BY PUBLIC WORKS.
3. PROVIDE BRICK WITHOUT FROGS OR CORES, IN SURFACES EXPOSED TO VIEW IN COMLETED WORK.

PUBLIC WORKS DEPARTMENT	SIDEWALK BRICK PAVERS CONTINUED	STANDARD CONSTRUCTION DETAILS PAVING		
		DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-P29



DETAIL FOR MEDIAN WIDER THAN 6' (Y>6')

NTS

DIMENSIONS OF MEDIAN NOSE

X = 13.90'	Y = 7.0'	X = 26.36'	Y = 14.0'
X = 16.44'	Y = 8.0'	X = 29.89'	Y = 17.0'
X = 18.08'	Y = 9.0'	X = 32.93'	Y = 20.0'
X = 20.42'	Y = 10.0'	X = 36.47'	Y = 24.0'

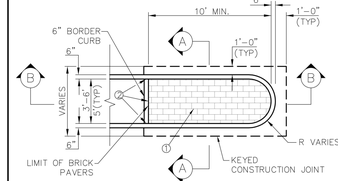
① VEHICULAR BRICK PAVER

② ¼" BITUMINOUS EXPANSION JOINT MATERIAL SHALL BE SUFFICIENT TO PREVENT CONTACT BETWEEN WALK & CURB. STOP EXPANSION JOINT AT ¼" BELOW TOP OF CURB AND FILL WITH CONC. GRAY SEALANT.

③ JOINT SAND COMPRISED OF CRUSHED GRANITE SAND CONFORMING TO ASTM C144 AND A DRY MIX POLYMER BASED JOINT SAND STABILIZER. JOINT SAND STABILIZER SHALL BE APPROVED BY THE PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLATION.

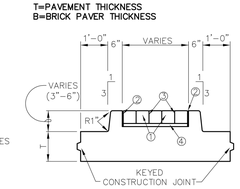
④ BEDDING SAND COMPRISED OF 90% NATURAL OR CRUSHED GRANITE SAND CONFORMING TO ASTM C33 AND 10% PORTLAND CEMENT.

T=PAVEMENT THICKNESS
B=BRICK PAVER THICKNESS



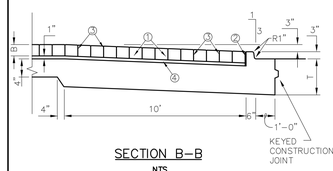
DETAIL FOR MEDIAN 3'-0" TO 6'-0"

NTS



SECTION A-A

NTS



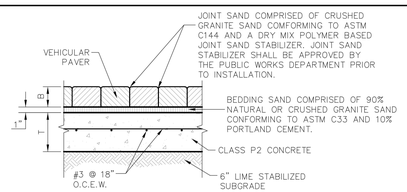
SECTION B-B

NTS

NOTES:

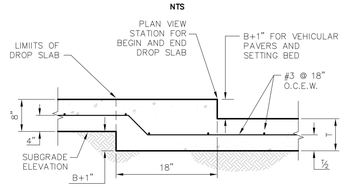
1. BRICK PAVERS SHALL BE VEHICULAR PAVERS CONFORMING TO ASTM C1272, TYPE R APPLICATION AND SHALL BE APPROVED BY PUBLIC WORKS DEPT.
2. BRICK PAVERS SHALL BE WITHOUT FROGS OR CORES IN SURFACE EXPOSED TO VIEW IN THE COMPLETED WORK.
3. MEDIAN PAVERS SHALL EXTEND TO A POINT WHERE MEDIAN IS AT LEAST 6' WIDE. IF MEDIAN IS 6' WIDE, PAVERS SHALL EXTEND 10' FROM THE NOSE.
4. ALL DISTANCES ARE MINIMUM.

PUBLIC WORKS DEPARTMENT	MEDIAN DETAILS	STANDARD CONSTRUCTION DETAILS PAVING		
		DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-P14



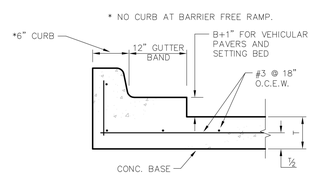
VEHICULAR BRICK INSTALLATION IN VEHICULAR AREAS

NTS



LONGITUDINAL SECTION AT DROP SLAB

NTS



SECTION THRU CURB AT DROP SLAB

NTS

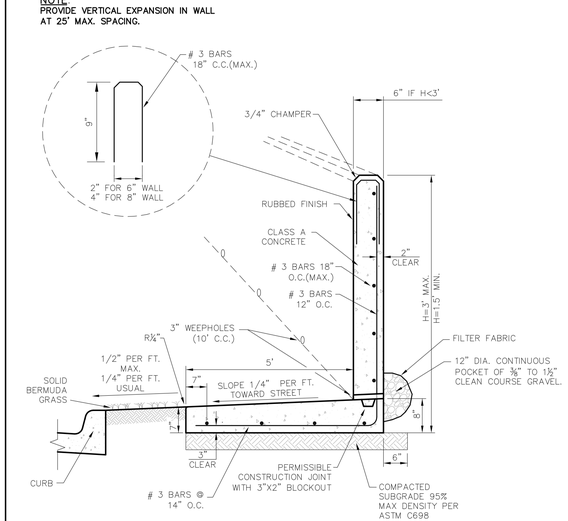
NOTES:

1. VEHICULAR PAVERS SHALL BE HEAVY PAVING BRICK MEETING ASTM C1272, TYPE R, APPLICATION AND BE APPROVED BY THE PUBLIC WORKS DEPT.
2. PROVIDE BRICK WITHOUT FROGS OR CORES, IN SURFACES EXPOSED TO VIEW IN COMPLETED WORK.

T=PAVEMENT THICKNESS
B=BRICK PAVER THICKNESS

PUBLIC WORKS DEPARTMENT	VEHICULAR BRICK INSTALLATION IN VEHICULAR AREAS	STANDARD CONSTRUCTION DETAILS PAVING		
		DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-P21

NOTE:
PROVIDE VERTICAL EXPANSION IN WALL AT 25' MAX. SPACING.



SIDEWALK WITH INTEGRAL RETAINING WALL

NTS

PUBLIC WORKS DEPARTMENT	SIDEWALK WITH INTEGRAL RETAINING WALL	STANDARD CONSTRUCTION DETAILS PAVING		
		DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-P33

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

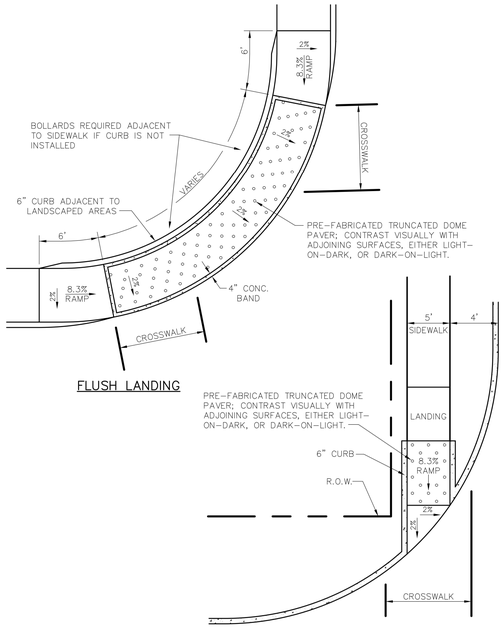
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

TOWN OF ADDISON PAVING DETAILS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.12

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

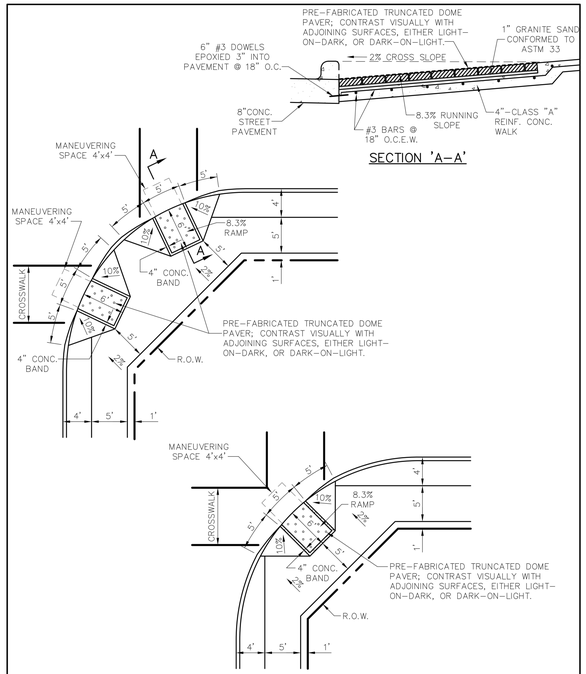


FLUSH LANDING

DIRECTIONAL RAMP WITHIN RADIUS

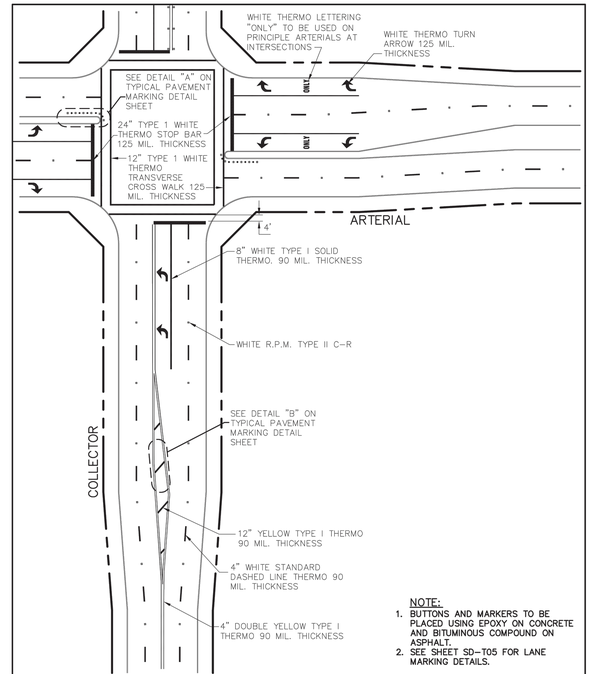
Addison!
PUBLIC WORKS DEPARTMENT

PEDESTRIAN RAMPS	STANDARD CONSTRUCTION DETAILS PAVING		
	DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-P38



Addison!
PUBLIC WORKS DEPARTMENT

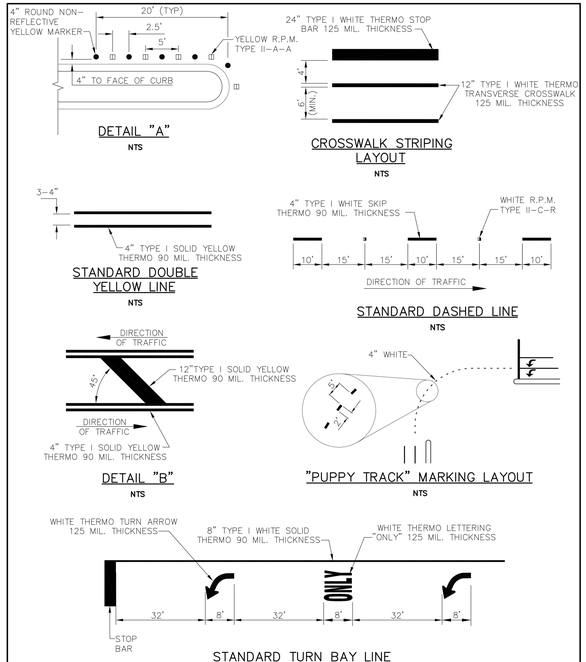
BARRIER FREE RAMP (RESIDENTIAL)	STANDARD CONSTRUCTION DETAILS PAVING		
	DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-P39



NOTE:
1. BUTTONS AND MARKERS TO BE PLACED USING EPOXY ON CONCRETE AND BITUMINOUS COMPOUND ON ASPHALT.
2. SEE SHEET SD-T05 FOR LANE MARKING DETAILS.

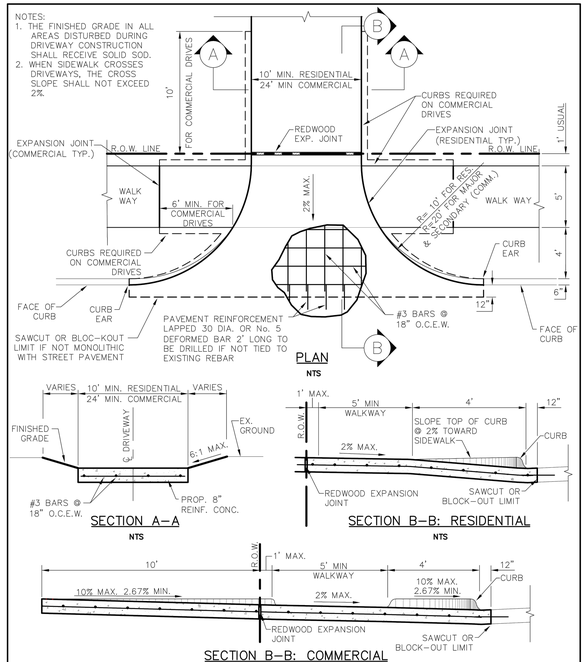
Addison!
PUBLIC WORKS DEPARTMENT

TYPICAL PAVMENT MARKING LAYOUT	STANDARD CONSTRUCTION DETAILS TRAFFIC		
	DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-T04



Addison!
PUBLIC WORKS DEPARTMENT

TYPICAL PAVMENT MARKING DETAILS	STANDARD CONSTRUCTION DETAILS TRAFFIC		
	DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-T05



Addison!
PUBLIC WORKS DEPARTMENT

DRIVEWAY RETURN DETAILS	STANDARD CONSTRUCTION DETAILS PAVING		
	DATE: AUGUST, 2010	REV DATE: –	SHEET : SD-P35

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

TOWN OF ADDISON PAVING DETAILS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

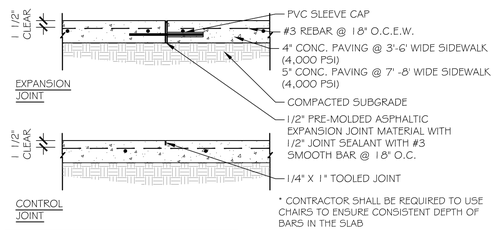
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.13

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

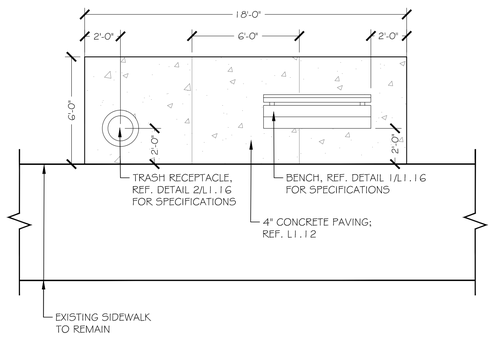
NOTE:
1. COMPACTED SUBGRADE - COMPACT TO 95% STANDARD PROCTOR DENSITY AT 0 TO +/- 2% OPTIMUM MOISTURE CONTENT AS PER ASTM D 698 (TYP.)
2. EXPANSION JOINTS & CONTROL JOINTS SHALL BE LOCATED ACCORDING TO THE FOLLOWING.
   EJ: CHANGES IN DIRECTION, MAX 75' O.C., AGAINST CURBS, BUILDINGS, AND MANHOLES.
   CJ: SPACED EVENLY TO PRODUCE SQUARE MODULES UP TO 8' O.C. MAX

CONCRETE MIXTURE:
A. COMPRESSIVE STRENGTH 28 DAYS, 4,000 PSI.
B. MAXIMUM WATER-CEMENTITOUS MATERIALS RATIO AT POINT OF PLACEMENT 0.45.
C. SLUMP LIMIT: 5 INCHES PLUS OR MINUS 1 INCH
D. AIR CONTENT: 5-1/2 PERCENT PLUS OR MINUS 1.5 PERCENT
E. MEASURE, BATCH, AND MIX CONCRETE MATERIALS AND CONCRETE ACCORDING TO ASTM C 94/C 94M.
F. NATURAL GREY, MEDIUM BROOM FINISH, PROVIDE SAMPLES PER SPEC

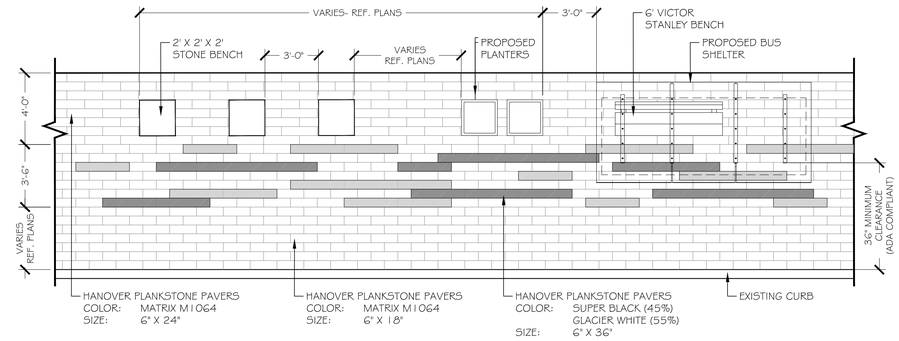


REDWOOD EXPANSION JOINTS NOT ALLOWED

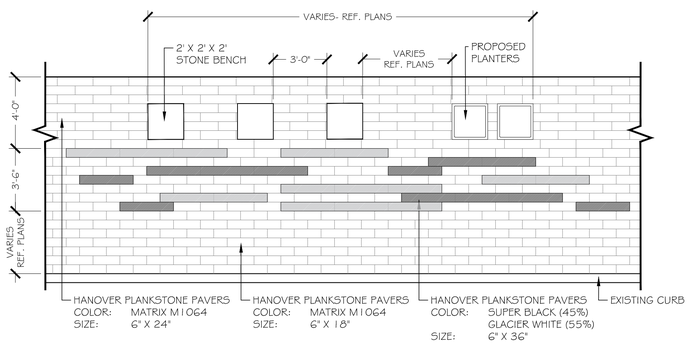
1 CONCRETE PAVING SECTION
3/4" = 1'-0"



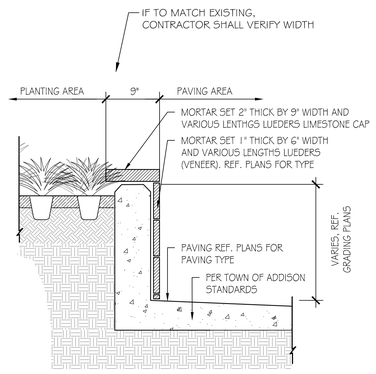
2 BUS STOP LAYOUT
1/4" = 1'-0"



3 STANDARD PAVER LAYOUT AT BUS SHELTER
1/4" = 1'-0"



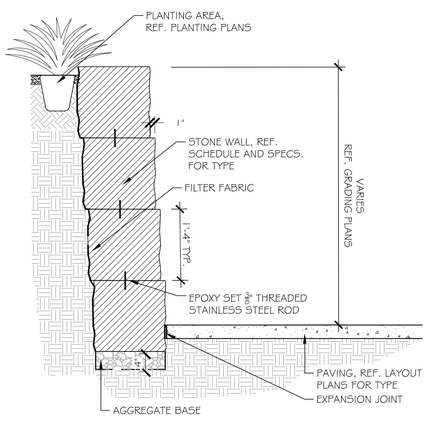
4 STANDARD PAVER LAYOUT AT INTERSECTIONS
1/4" = 1'-0"



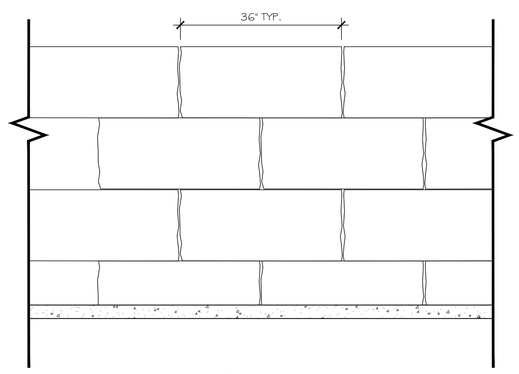
NOTE: EXPANSION JOINTS SHALL BE PLACED AT SAME POINTS AS EXISTING WALL

EXISTING STONE VENEER WALL AT ADDISON GROVES LOCATION; PROPOSED VENEER TO MATCH; REF. PLANS FOR STONE TYPE

5 STONE VENEER SITE WALL
1" = 1'-0"

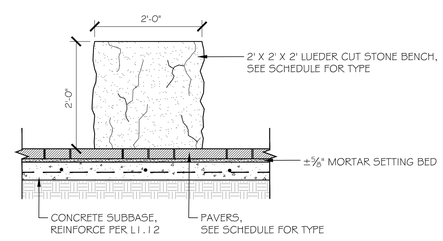


SECTION



FRONT ELEVATION

6 LOW STONE BLOCK RETAINING WALL
3/4" = 1'-0"



7 LUEDERS CUT STONE BENCH
3/4" = 1'-0"

P-MU1-BEL-G2

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

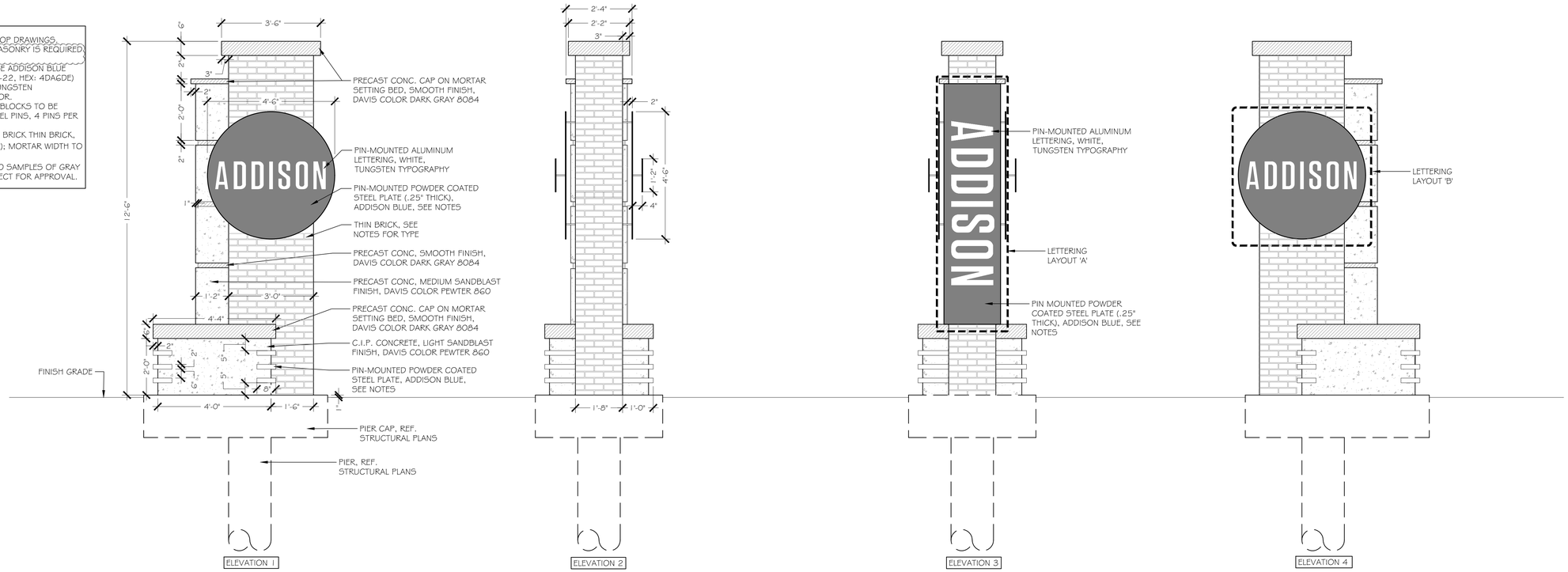
HARDSCAPE DETAILS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

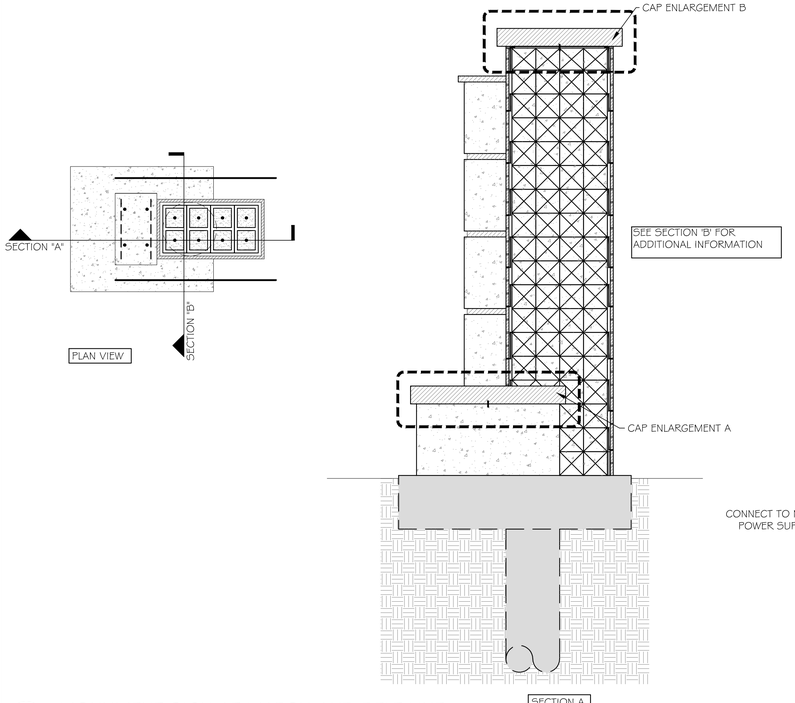
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.14

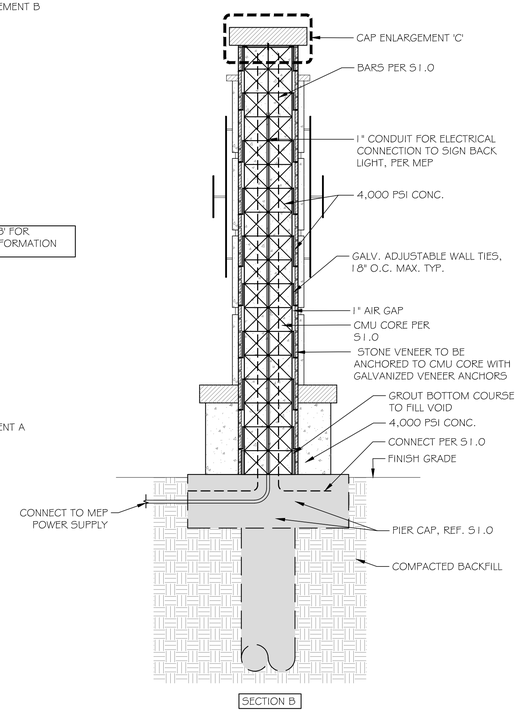
PK FILE: 4267-19.152

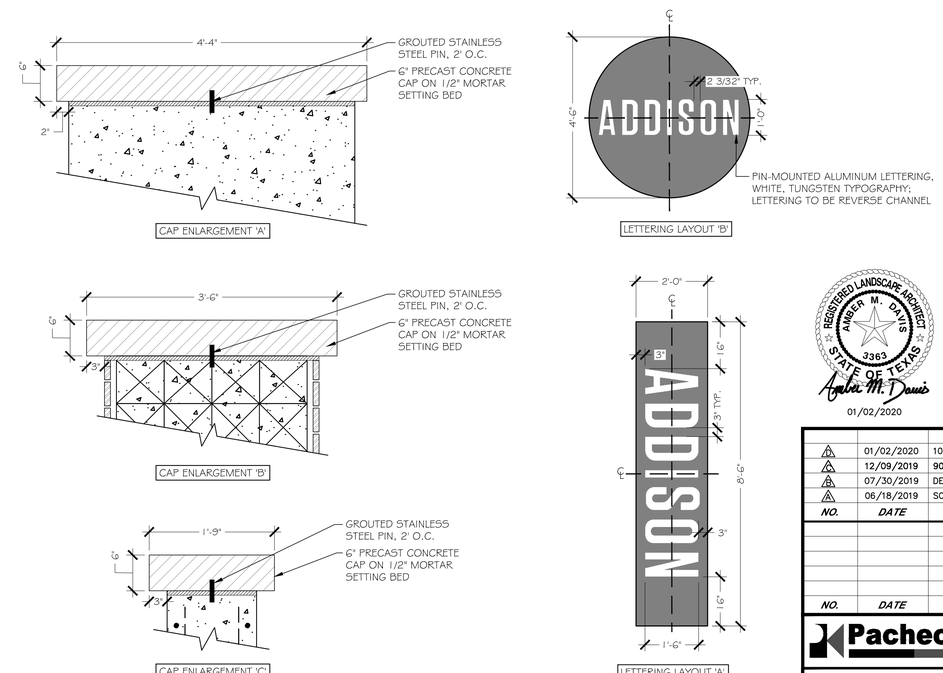
BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

NOTES:
1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS.
2. HALF SCALE MOCK-UP OF ALL MASONRY IS REQUIRED FOR REVIEW BY ARCHITECT.
3. POWDER COATED STEEL SHALL BE ADDISON BLUE (CMYK: 80-8-0-0, RGB: 77-166-22, HEX: 4DA6DE)
4. ALL SIGN LETTERING SHALL BE TUNGSTEN TYPOGRAPHY AND WHITE IN COLOR.
5. PRE-CAST CONCRETE MASONRY BLOCKS TO BE ANCHORED WITH STAINLESS STEEL PINS, 4 PINS PER BLOCK; GROUT ALL PINS.
6. BRICK VENEER TO BE BLACKSON BRICK THIN BRICK, COLOR PLATINUM (7 5/8" X 2 1/4" X 1/2"); MORTAR WIDTH TO BE 3/8", COLOR STANDARD GRAY.
7. CONTRACTOR SHALL PROVIDE 10 SAMPLES OF GRAY MORTAR TO LANDSCAPE ARCHITECT FOR APPROVAL.









1 MONUMENT SIGN AT MARSH AND BELT LINE
1/2" = 1'-0"

REGISTERED LANDSCAPE ARCHITECT AMBER M. DAVIS 3363 STATE OF TEXAS
Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

HARDSCAPE DETAILS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.15

PK FILE: 4267-19.152

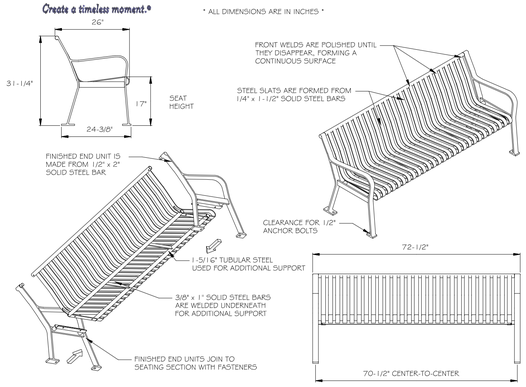
BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

VICTOR STANLEY®

Create a timeless moment.®

P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
TOLL FREE: (800) 368-2573 (USA & CANADA)
TEL (301) 855-8300 - FAX (410) 257-7579
WEB SITE: HTTP://WWW.VICTORSTANLEY.COM

* ALL DIMENSIONS ARE IN INCHES *



AVAILABLE OPTIONS
POWDER COATING
10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS, CUSTOM COLORS (INCLUDING THE RAL RANGE)
INTERMEDIATE & CENTER ARMRESTS
4', 6', & 8' AVAILABLE WITH OPTIONAL SOLID STEEL ARMRESTS

ALL STEEL CONTOURED BENCH SHOWN: STANDARD 6-FOOT LENGTH

LENGTHS
STANDARD 4'
STANDARD 6' (AS SHOWN)
STANDARD 8'

NOTES:
1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
3. IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL BENCH IS IN PLACE. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. ANCHOR BOLTS NOT PROVIDED BY VICTOR STANLEY, INC.
5. FOR HIGH SALT ABUSIVE CLIMATES, HOT-DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. HOT-DIP GALVANIZING IS PERFORMED FOR VICTOR STANLEY, INC. BY AN EXPERIENCED QUALIFIED FIRM TO WHICH PRODUCTS ARE SHIPPED FOR GALVANIZING. HOT-DIP GALVANIZING INCLUDES AN AGGRESSIVE PRE-TREATMENT AND IMMERSION IN A TANK OF CHARGED LIQUID ZINC AT OR AROUND 860°F (460°C). THE RESULTING SURFACE IS RESISTANT TO RUST BUT HAS SOME UNEVENNESS RESULTING FROM THE BONDING OF THE ZINC TO THE STEEL SURFACE. AS A RESULT, THE POWDER-COATING SURFACE FINISH OVER THAT GALVANIZED SURFACE MAY EXHIBIT BUMPS, UNEVENNESS, AND MAY NOT BE AS SMOOTH AS THE STANDARD FINISH; THIS UNEVEN AND INCONSISTENT FINISH IS NORMAL FOR GALVANIZING. CONTACT MANUFACTURER FOR DETAILS.
6. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
7. THIS PRODUCT IS SHIPPED PARTIALLY UNASSEMBLED.

REV. 12/12/16 DRAWN T.A.I. 2016-419

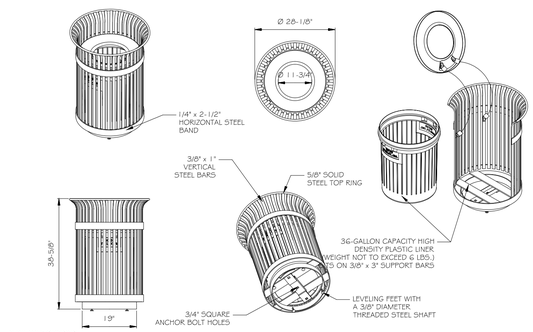
1 BENCH (RB-28)

1" = 1"

VICTOR STANLEY, INC.®
-Manufacturers of Quality Site Furnishings since 1962-

P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
TOLL FREE: (800) 368-2573 (USA & CANADA)
TEL (301) 855-8300 - FAX (410) 257-7579
WEB SITE: HTTP://WWW.VICTORSTANLEY.COM

* ALL DIMENSIONS ARE IN INCHES *



AVAILABLE OPTIONS:
POWDER COATING
10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS, CUSTOM COLORS (INCLUDING THE RAL RANGE).
CUSTOM PLAQUES & DECALS
AVAILABLE WITH STEEL PLAQUES IN VARIOUS SIZES AND PRESSURE SENSITIVE VINYL OUTDOOR DECALS.

LIDS
STANDARD TAPERED FORMED LID (AS SHOWN). AVAILABLE WITH OPTIONAL DOME LID, DOME LID WITH STAINLESS STEEL ASHTRAY, CONVEX LID, CONVEX LID
WITH SELF CLOSING DOOR, RAIN BONNET LID, AND RAIN BONNET LID WITH STAINLESS STEEL ASHTRAY
SECURITY
LID IS SECURED WITH VINYL COATED GALVANIZED STEEL AIRCRAFT CABLE. CABLE IS LOOPED AROUND WELDED IN PLACE ATTACHMENT BRACKETS AND CRIMPED IN PLACE. AVAILABLE WITH OPTIONAL MOUNT WITH 3 IN-LINE ANCHOR HOLES (AS SHOWN) AND OPTIONAL BOTTOM PLATE COVER.

NOTES:
1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD FILM COATING. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
3. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. VICTOR STANLEY, INC., PLASTIC INNER LINERS ARE MOLDED ON TOOLING DESIGNED FOR AND OWNED BY VICTOR STANLEY, INC. THEY OFFER MAXIMUM CAPACITY AND STRENGTH WITH LIGHTWEIGHT CONSTRUCTION USING CRITICAL MOLDED RIBS, INTEGRAL HANDHOLDS, AND HIGH-STRENGTH MATERIALS. THIS MINIMIZES HANDLING DIFFICULTY AND FACILITATES EASY EMPTYING AND STORAGE WHILE AFFORDING LONG SERVICE LIFE.
5. ANCHOR BOLTS NOT PROVIDED BY VICTOR STANLEY, INC.
6. FOR HIGH SALT ABUSIVE CLIMATES, HOT DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. SEE WRITTEN SPECIFICATIONS FOR DETAILS.
7. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
8. THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.

36-GALLON LITTER RECEPTACLE
SHOWN: STANDARD TAPERED FORMED LID
OPTIONAL MOUNT WITH 3 IN-LINE ANCHOR HOLES

REV. 7/18/13 DRAWN L.D.L. 2013-819

2 36 GALLON LITTER RECEPTACLE (S-42)

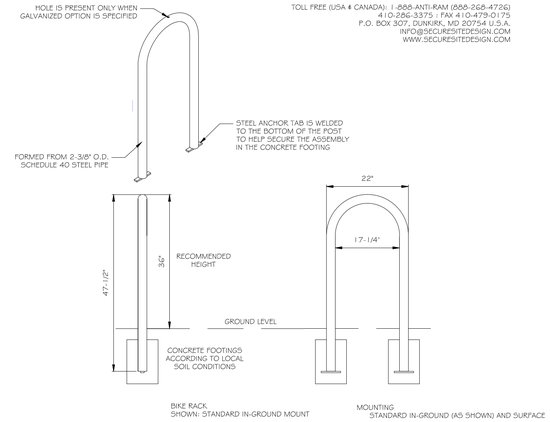
1" = 1"

VICTOR

SECURE SITE DESIGN™ L.L.C.
(a VICTOR STANLEY, INC.® affiliate)

* ALL DIMENSIONS ARE IN INCHES *

TOLL FREE (USA & CANADA): 1-888-ANTI-RAM (888-268-4726)
410-286-3375 : FAX 410-479-0175
P.O. BOX 307, DUNKIRK, MD 20754 U.S.A.
INFO@SECURESITEDESIGN.COM
WWW.SECURESITEDESIGN.COM



BIKE RACK
SHOWN: STANDARD IN-GROUND MOUNT

MOUNTING
STANDARD IN-GROUND (AS SHOWN) AND SURFACE

AVAILABLE OPTIONS:
POWDER COATING
10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS, CUSTOM COLORS (INCLUDING THE RAL RANGE)
(ALL POWDER COAT FINISHES ARE DONE AT VICTOR STANLEY, INC. (VSI) TO MATCH THE VSI PRODUCT LINE)
OTHER FINISHES: GALVANIZED, STAINLESS STEEL (SPECIAL QUOTE NEEDED)

NOTE: BIKE RACK COLOR SHALL MATCH SELECT COLOR FOR BENCH AND LITTER RECEPTACLE.

NOTES:
1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
3. THIS SECURE SITE DESIGN, LLC. PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
5. THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.

REV. 8/8/13 DRAWN C.R.K. 2013-878

3 BIKE RACK (BRWS-101)

1" = 1"

NOTE: REFER TO SPECIFICATIONS FOR COLOR, ETC.

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

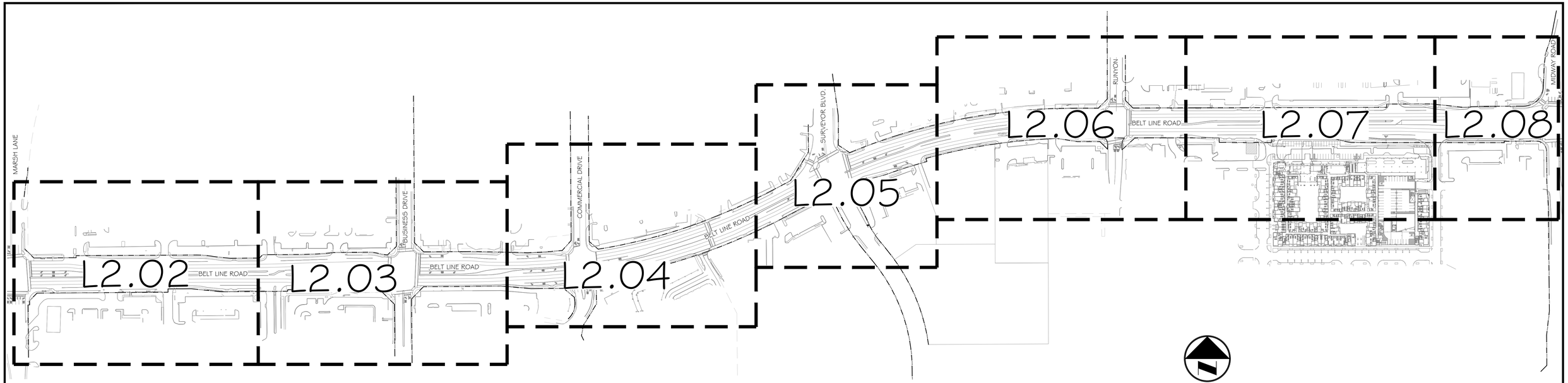
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

MANUFACTURER DETAILS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L1.16

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 OVERALL GRADING PLAN
1" = 150'-0"

0 75 150 300 450
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

OVERALL GRADING PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

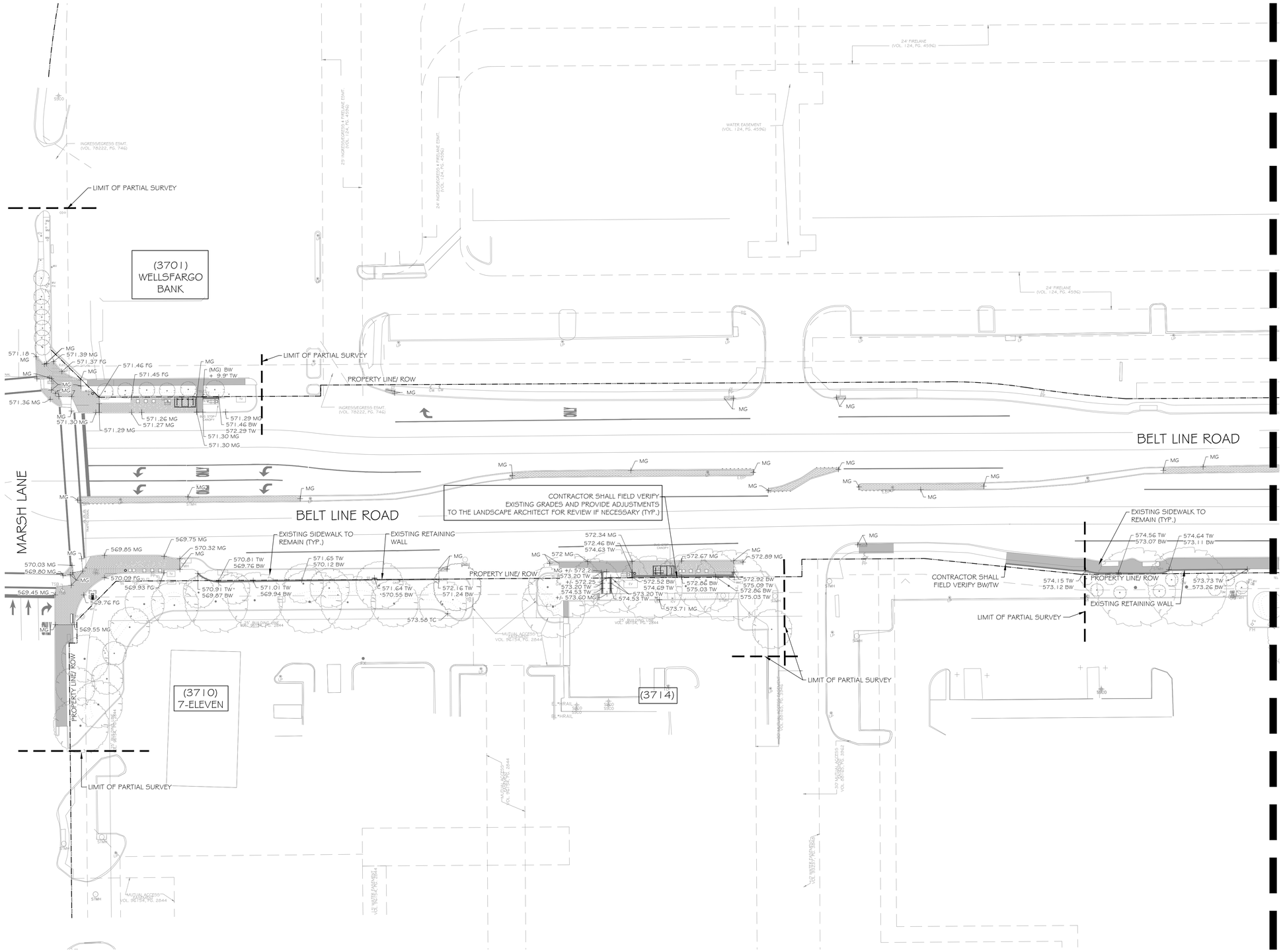
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L2.01

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 GRADING PLAN
1" = 30'-0"

GRADING LEGEND

CODE	DESCRIPTION
1:1	SLOPE
00.0	SPOT ELEVATION
00.0 MG	MATCH GRADE
00.0 BW	BOTTOM OF WALL
00.0 FG	FINISH GRADE
00.0 TC	TOP OF CURB
00.0 TW	TOP OF WALL

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

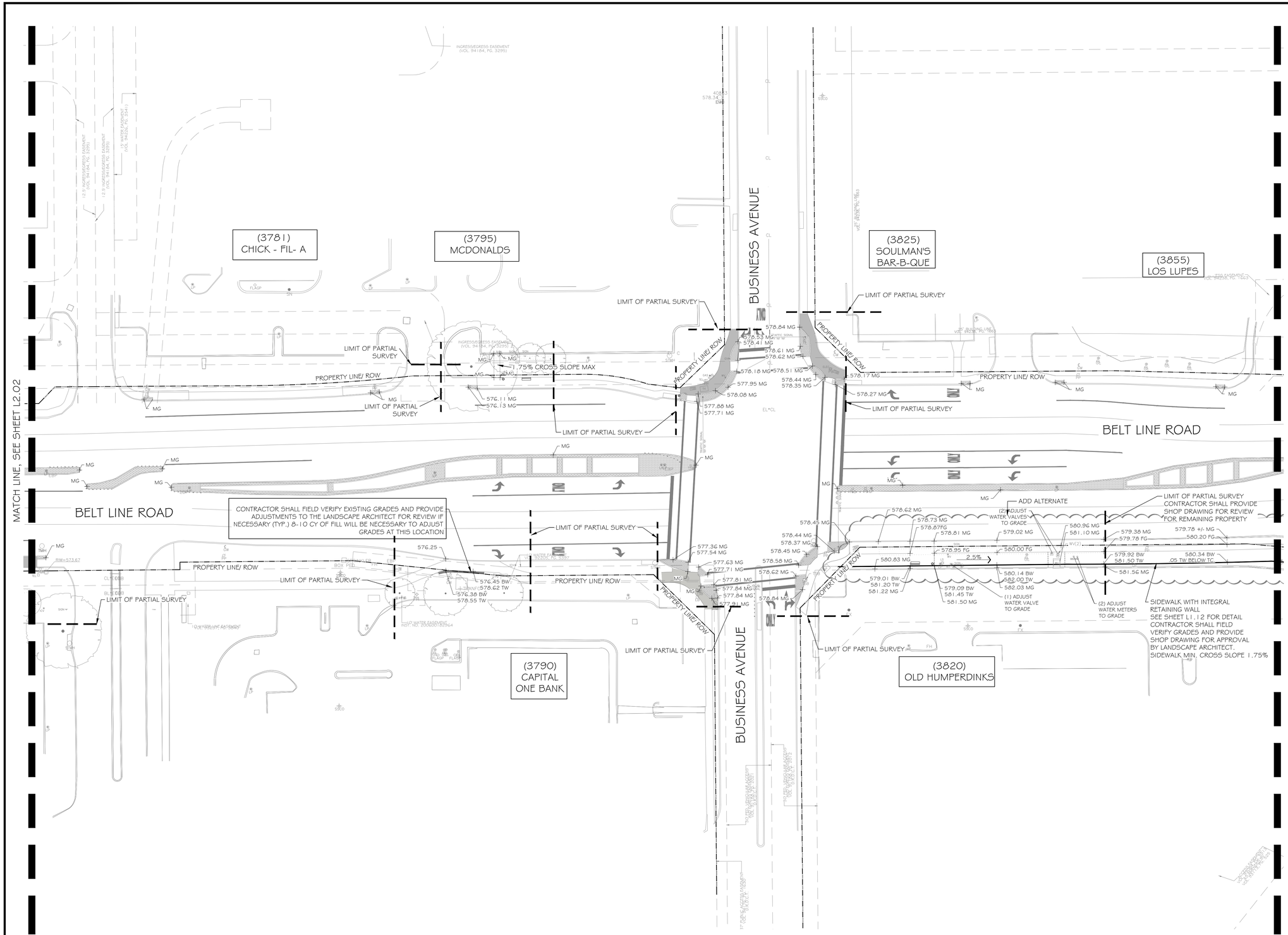
0 15 30 60 90
GRAPHIC SCALE IN FEET

GRADING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L2.02

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 GRADING PLAN
1" = 30'-0"

GRADING LEGEND

CODE	DESCRIPTION
1:1	SLOPE
00.0	SPOT ELEVATION
00.0 MG	MATCH GRADE
00.0 BW	BOTTOM OF WALL
00.0 FG	FINISH GRADE
00.0 TC	TOP OF CURB
00.0 TW	TOP OF WALL

0 15 30 60 90
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

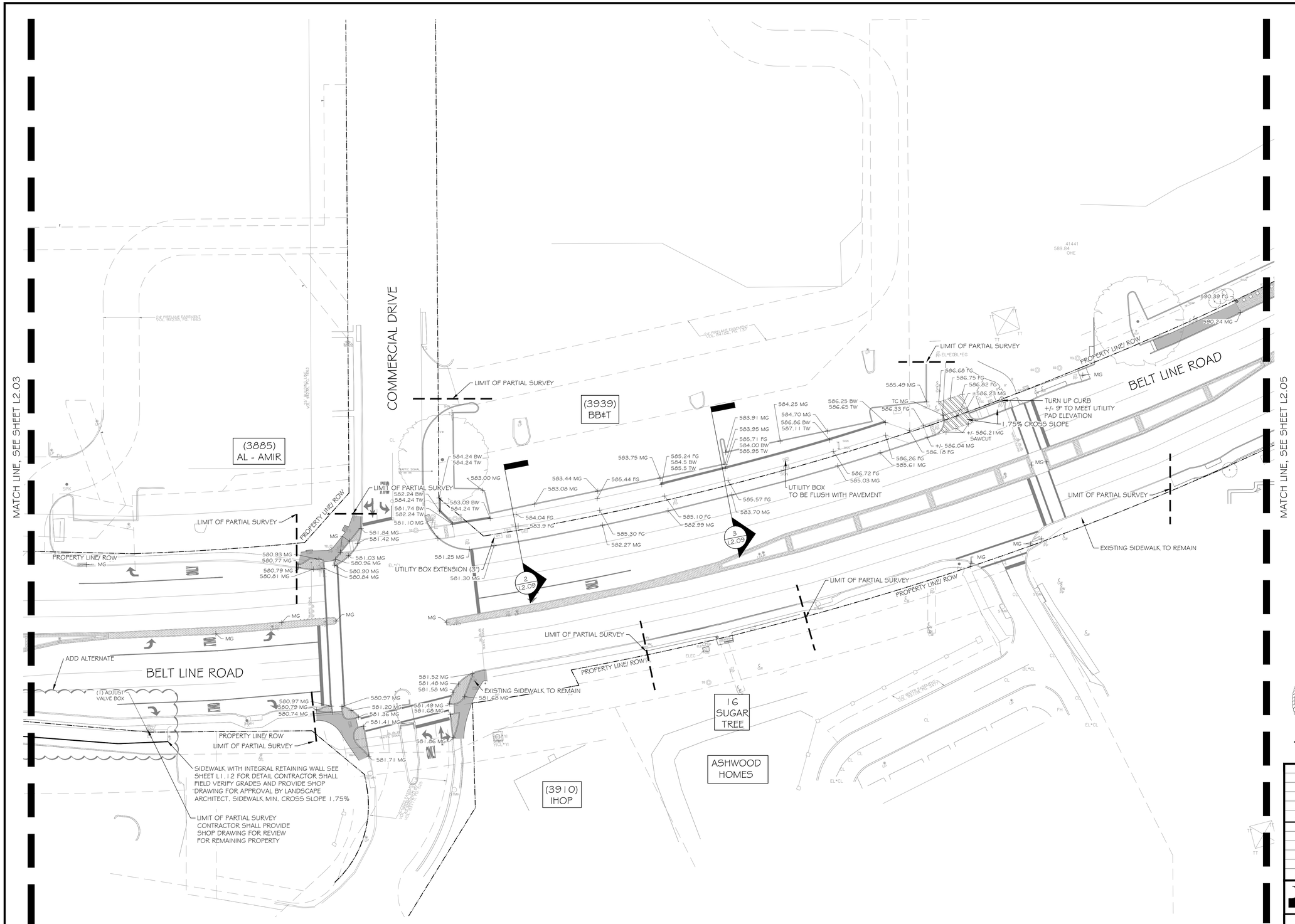
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

GRADING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L2.03

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



GRADING LEGEND

CODE	DESCRIPTION
1:1	SLOPE
00.0	SPOT ELEVATION
00.0 MG	MATCH GRADE
00.0 BW	BOTTOM OF WALL
00.0 FG	FINISH GRADE
00.0 TC	TOP OF CURB
00.0 TW	TOP OF WALL

1 GRADING PLAN
1" = 30'-0"

0 15 30 60 90
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

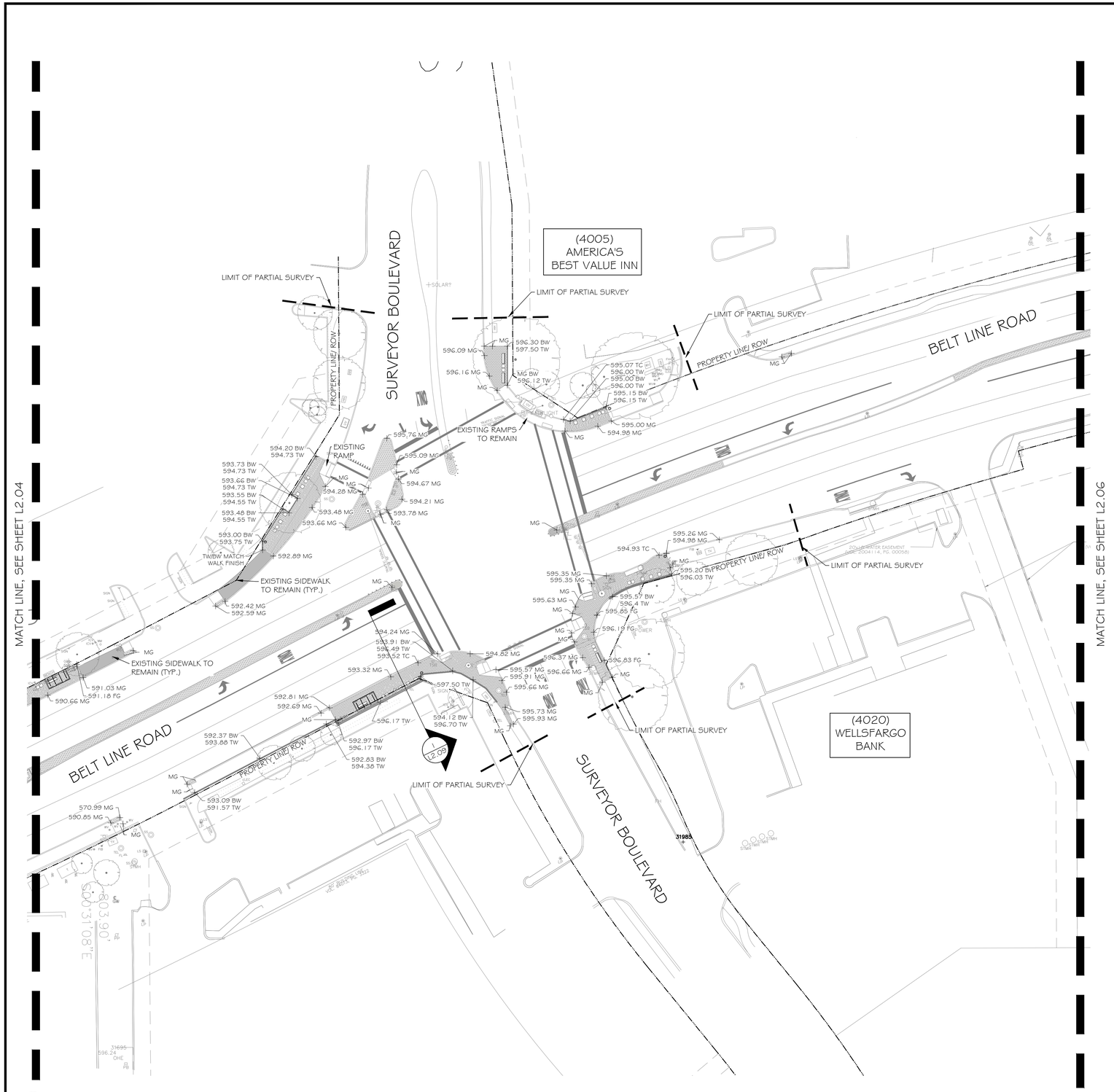
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

GRADING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L2.04

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 GRADING PLAN
1" = 30'-0"

GRADING LEGEND

CODE	DESCRIPTION
1:1	SLOPE
00.0	SPOT ELEVATION
00.0 MG	MATCH GRADE
00.0 BW	BOTTOM OF WALL
00.0 FG	FINISH GRADE
00.0 TC	TOP OF CURB
00.0 TW	TOP OF WALL

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

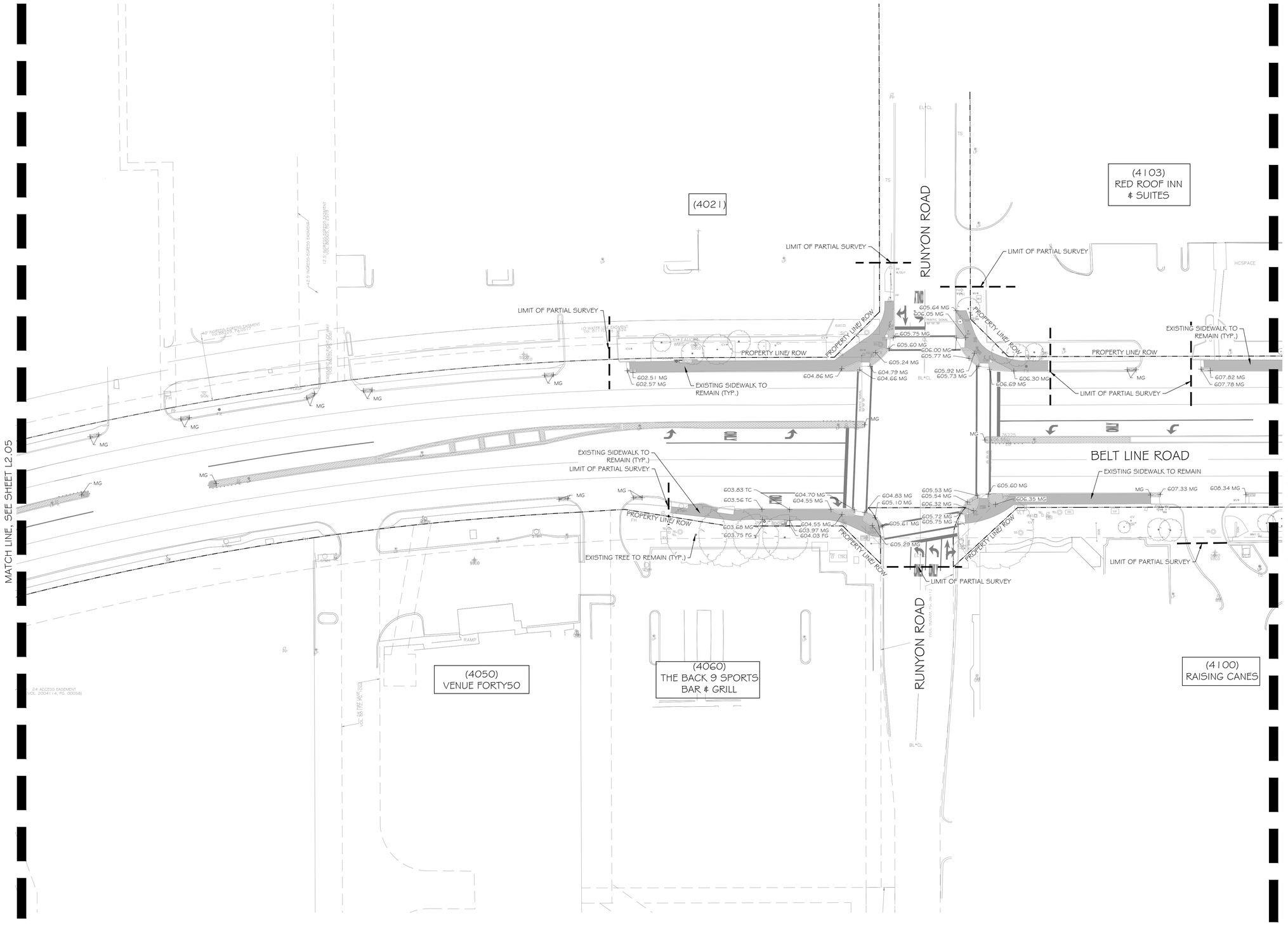
0 15 30 60 90
GRAPHIC SCALE IN FEET

GRADING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L2.05

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



GRADING LEGEND

CODE	DESCRIPTION
1:1	SLOPE
00.0	SPOT ELEVATION
00.0 MG	MATCH GRADE
00.0 BW	BOTTOM OF WALL
00.0 FG	FINISH GRADE
00.0 TC	TOP OF CURB
00.0 TW	TOP OF WALL

1 GRADING PLAN
1" = 30'-0"

0 15 30 60 90
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

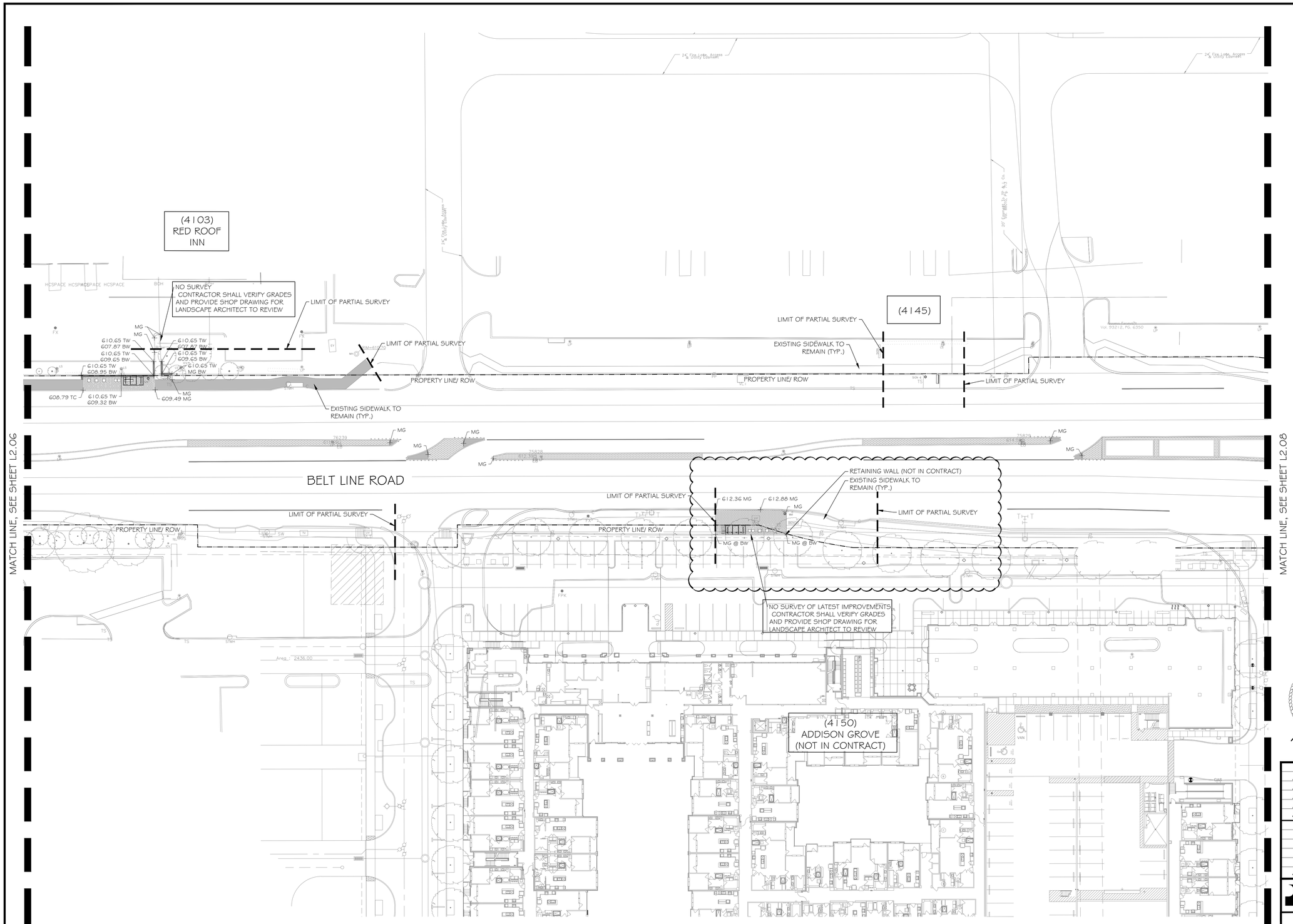
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

GRADING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L2.06

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



GRADING LEGEND

CODE	DESCRIPTION
1:1	SLOPE
00.0	SPOT ELEVATION
00.0 MG	MATCH GRADE
00.0 BW	BOTTOM OF WALL
00.0 FG	FINISH GRADE
00.0 TC	TOP OF CURB
00.0 TW	TOP OF WALL

1 GRADING PLAN
1" = 30'-0"

0 15 30 60 90
GRAPHIC SCALE IN FEET

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS
Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

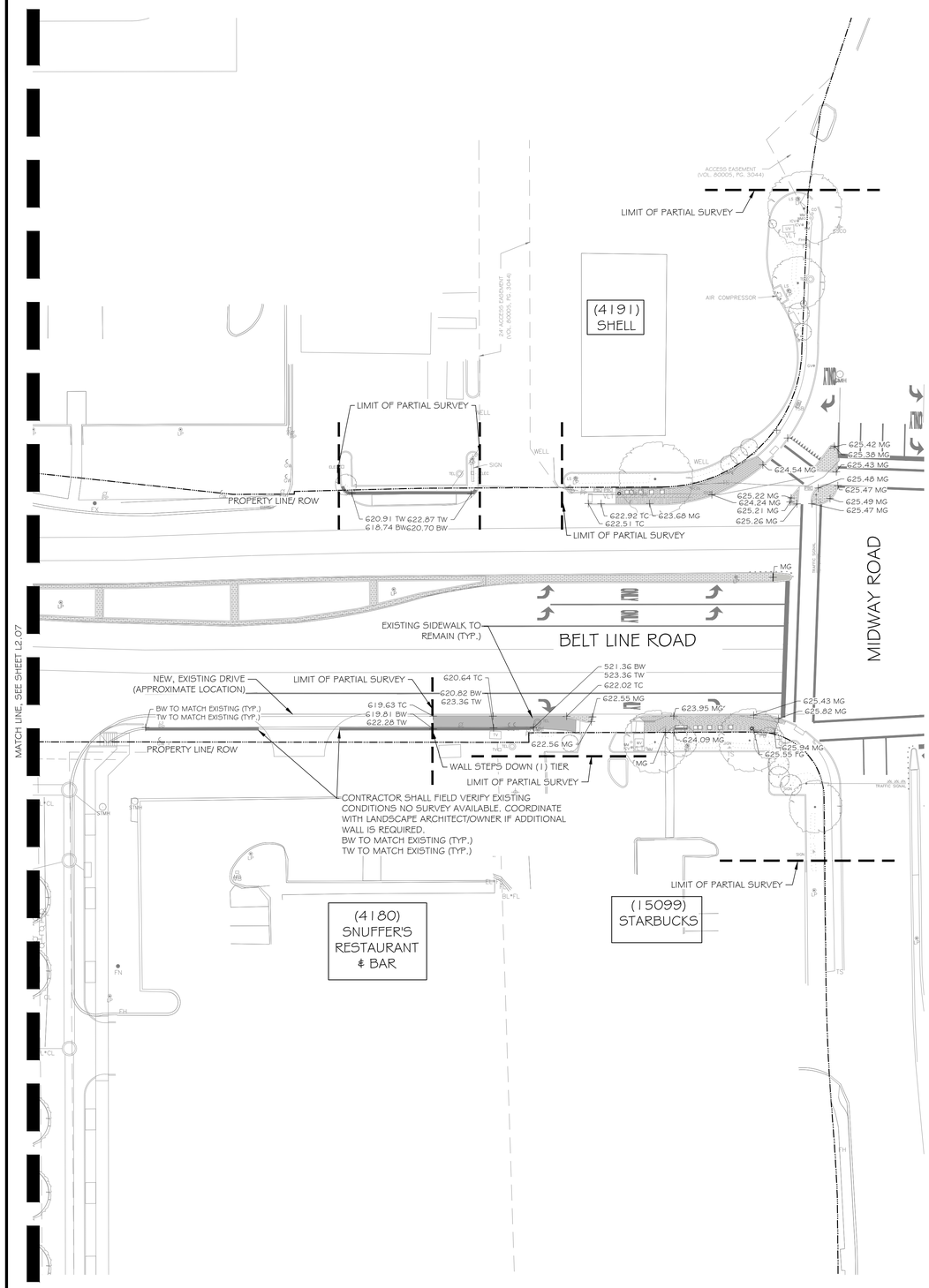
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

GRADING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L2.07

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 GRADING PLAN
1" = 30'-0"

GRADING LEGEND

CODE	DESCRIPTION
1:1	SLOPE
00.0	SPOT ELEVATION
00.0 MG	MATCH GRADE
00.0 BW	BOTTOM OF WALL
00.0 FG	FINISH GRADE
00.0 TC	TOP OF CURB
00.0 TW	TOP OF WALL

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

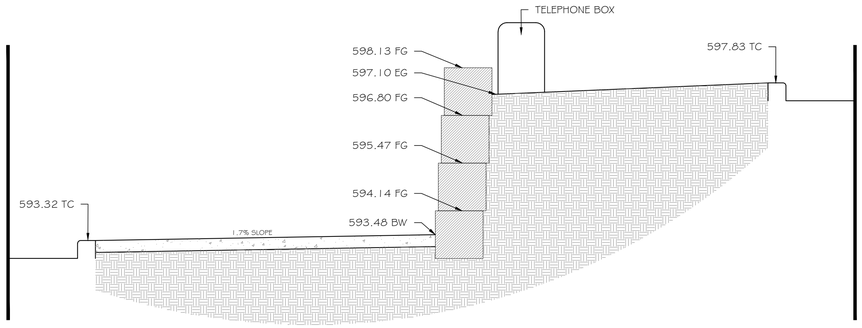
0 15 30 60 90
GRAPHIC SCALE IN FEET

GRADING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

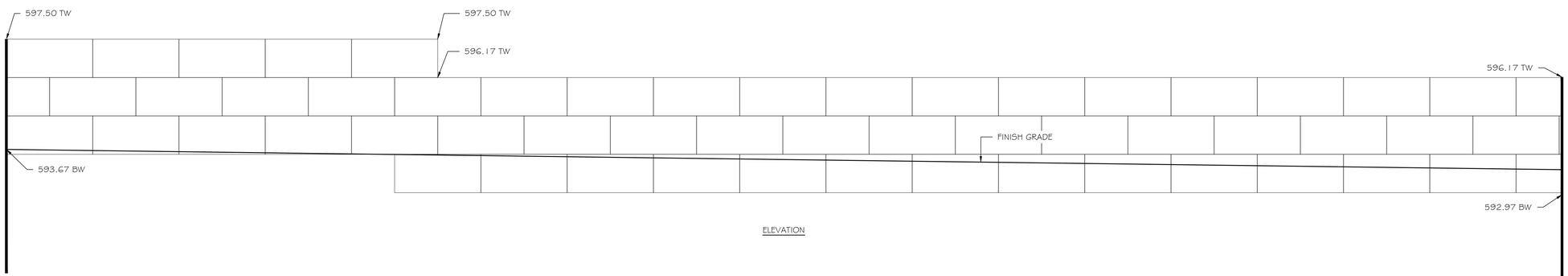
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L2.08

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



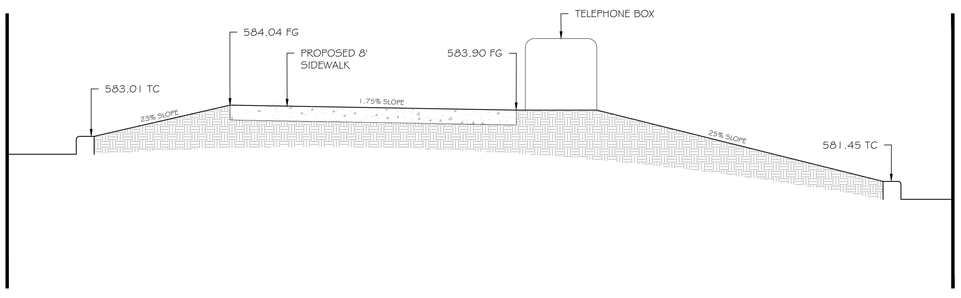
SECTION



ELEVATION

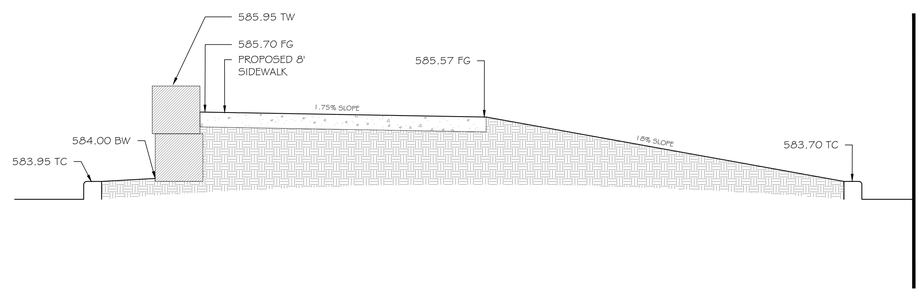
1 SURVEYOR WALL SECTION

1/2" = 1'-0"



2 SIDEWALK SECTION 1

1/2" = 1'-0"



3 SIDEWALK SECTION 2

1/2" = 1'-0"

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

GRADING PLAN SECTIONS

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

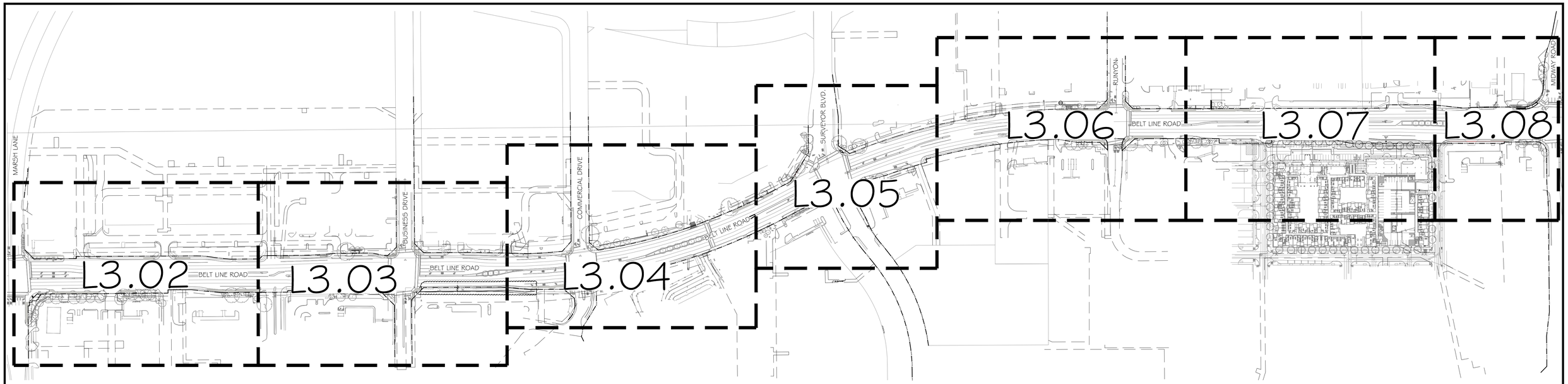
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L2.09

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 OVERALL PLANTING PLAN

1" = 150'-0"

PLANT SCHEDULE

2019-12-26 15:47

TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE/COND.	REMARKS
	QH2	4	QUERCUS VIRGINIANA `HIGH RISE` HIGH RISE LIVE OAK	100 GAL	6" CAL (MEASURED PER TOWN OF ADDISON SIZE AND SPACING STANDARDS), STRAIGHT LEADER, FULL, MATCHING
	VC	3	VITEX AGNUS-CASTUS `SHOAL CREEK` CHASTE TREE	65 GAL	4" CAL MIN, (MEASURED PER TOWN OF ADDISON SIZE AND SPACING STANDARDS), MULTI-TRUNK, FULL, MATCHING

CANOPY TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE/COND.	REMARKS
	PC	4	PISTACIA CHINENSIS CHINESE PISTACHE	100 GAL	4" CAL MIN, (MEASURED PER TOWN OF ADDISON SIZE AND SPACING STANDARDS), SINGLE, STRAIGHT LEADER, FULL, MATCHING

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING	REMARKS
	AS	425	ABELIA X GRANDIFLORA `SILVER ANNIVERSARY` GLOSSY ABELIA	3 GAL	30" o.c.	FULL, MATCHING
	ID	146	ILEX CORNUTA `DWARF BURFORD` DWARF BURFORD HOLLY	3 GAL	36" o.c.	FULL, MATCHING
	IN	415	ILEX VOMITORIA `STOKE'S DWARF` DWARF YAUPON	3 GAL	36" o.c.	FULL, MATCHING
	NM	36	NANDINA DOMESTICA `MURASAKI` FLIRT NANDINA	3 GAL	24" o.c.	FULL, MATCHING

ANNUALS/PERENNIALS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING	REMARKS
	SH	411	SALVIA GREGGII `BLUE NOTE` BLUE NOTE SALVIA	3 GAL	24" o.c.	FULL, MATCHING

CACTI/SUCCULANTS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING	REMARKS
	YC	198	YUCCA FILAMENTOSA `COLOR GUARD` ADAM'S NEEDLE	3 GAL	42" o.c.	FULL, MATCHING

SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING	REMARKS
	NP2	51	NASSELLA TENUISSIMA `PONY TAILS` MEXICAN FEATHERGRASS	1 GAL	24" o.c.	

GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING	REMARKS
	EF	2,680	EUONYMUS FORTUNEI `COLORATUS` PURPLE WINTERCREEPER	1 GAL	18" o.c.	FULL, MATCHING
	LM	2,266	LIRIOPE MUSCARI `BIG BLUE` LILY TURF	1 GAL	18" o.c.	FULL, MATCHING
	SS	197	PLANTER POT PLANTING MIX	1 GAL	12" o.c.	SOFT LEAF YUCCA, DUSTY MILLER, TRAILING LANTANA, SEE DETAIL 6/L3.09 FULL, MATCHING

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

0 75 150 300 450
GRAPHIC SCALE IN FEET

OVERALL PLANTING PLAN

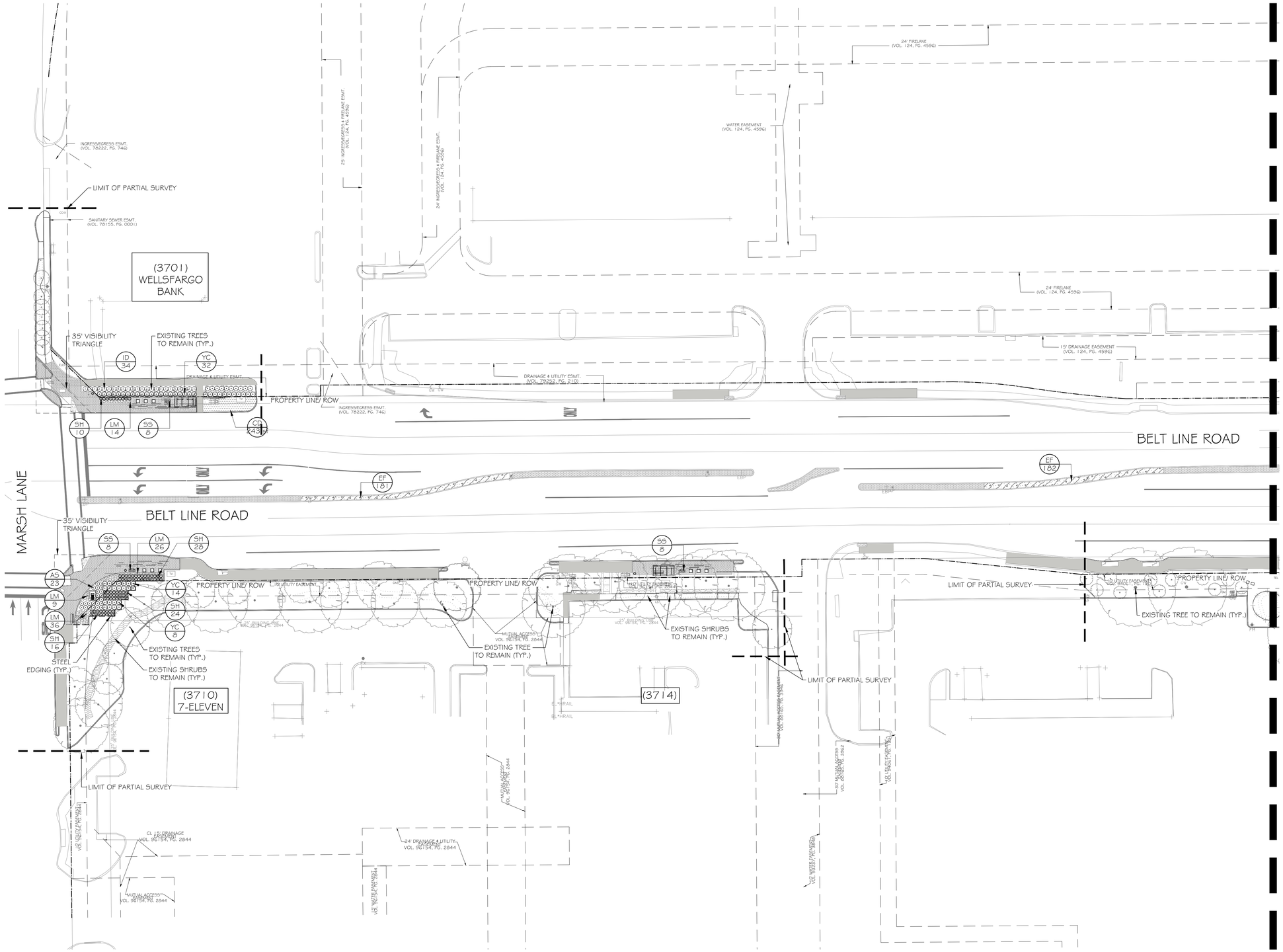
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L3.01

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 PLANTING PLAN
1" = 30'-0"

PLANT SCHEDULE

2019-12-18 08:55

TREES	CODE	BOTANICAL / COMMON NAME
	QH2	QUERCUS VIRGINIANA `HIGH RISE` HIGH RISE LIVE OAK
	VC	VITEX AGNUS-CASTUS `SHOAL CREEK` CHASTE TREE

CANOPY TREES	CODE	BOTANICAL / COMMON NAME
	PC	PISTACIA CHINENSIS CHINESE PISTACHE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	AS	ABELIA X GRANDIFLORA `SILVER ANNIVERSARY` GLOSSY ABELIA
	ID	ILEX CORNUTA `DWARF BURFORD` DWARF BURFORD HOLLY
	IN	ILEX VOMITORIA `STOKE'S DWARF` DWARF YAUPON
	NM	NANDINA DOMESTICA `MURASAKI` FLIRT NANDINA

ANNUALS/PERENNIALS	CODE	BOTANICAL / COMMON NAME
	SH	SALVIA GREGGII `BLUE NOTE` BLUE NOTE SALVIA

CACTI/SUCCULANTS	CODE	BOTANICAL / COMMON NAME
	YC	YUCCA FILAMENTOSA `COLOR GUARD` ADAM'S NEEDLE

GROUND COVERS	CODE	BOTANICAL / COMMON NAME
	EF	EUONYMUS FORTUNEI `COLORATUS` PURPLE WINTERCREEPER
	LM	LIRIOPE MUSCARI `BIG BLUE` LILY TURF
	SS	PLANTER POT PLANTING MIX

SOD/SEED	CODE	BOTANICAL / COMMON NAME (ADD ALTERNATE)
	CD	CYNODON DACTYLON BERMUDA GRASS

NOTE: CONTRACTOR SHALL SOD TO LIMITS OF DISTURBANCE (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

01/02/2020

NO.	DATE	ISSUE
1	01/02/2020	100% CONSTRUCTION DOCUMENTS
4	12/09/2019	90% CONSTRUCTION DOCUMENTS
3	07/30/2019	DESIGN DEVELOPMENT
2	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

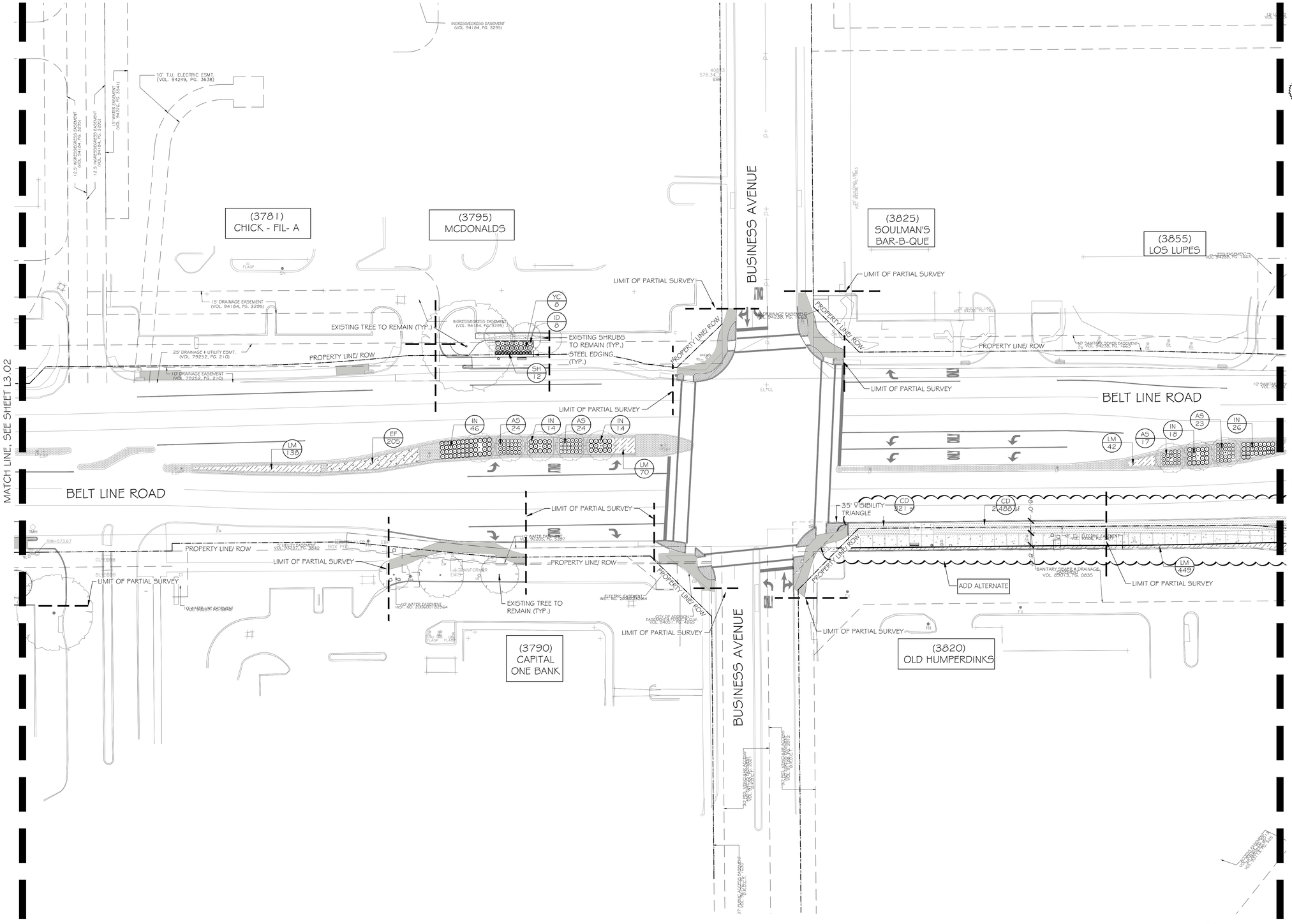
0 15 30 60 90
GRAPHIC SCALE IN FEET

PLANTING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L3.02

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 PLANTING PLAN
1" = 30'-0"

PLANT SCHEDULE

2019-12-18 08:5

TREES	CODE	BOTANICAL / COMMON NAME
	QH2	QUERCUS VIRGINIANA `HIGH RISE` HIGH RISE LIVE OAK
	VC	VITEX AGNUS-CASTUS `SHOAL CREEK` CHASTE TREE

CANOPY TREES	CODE	BOTANICAL / COMMON NAME
	PC	PISTACIA CHINENSIS CHINESE PISTACHE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	AS	ABELIA X GRANDIFLORA `SILVER ANNIVERSARY` GLOSSY ABELIA
	ID	ILEX CORNUTA `DWARF BURFORD` DWARF BURFORD HOLLY
	IN	ILEX VOMITORIA `STOKE`S DWARF` DWARF YAUPON
	NM	NANDINA DOMESTICA `MURASAKI` FLIRT NANDINA

ANNUALS/PERENNIALS	CODE	BOTANICAL / COMMON NAME
	SH	SALVIA GREGGII `BLUE NOTE` BLUE NOTE SALVIA

CACTI/SUCCULANTS	CODE	BOTANICAL / COMMON NAME
	YC	YUCCA FILAMENTOSA `COLOR GUARD` ADAM`S NEEDLE

GROUND COVERS	CODE	BOTANICAL / COMMON NAME
	EF	EUONYMUS FORTUNEI `COLORATUS` PURPLE WINTERCREEPER
	LM	LIRIOPE MUSCARI `BIG BLUE` LILY TURF
	SS	PLANTER POT PLANTING MIX

SOD/SEED	CODE	BOTANICAL / COMMON NAME (ADD ALTERNATE)
	CD	CYNODON DACTYLON BERMUDA GRASS

NOTE: CONTRACTOR SHALL SOD TO LIMITS OF DISTURBANCE (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

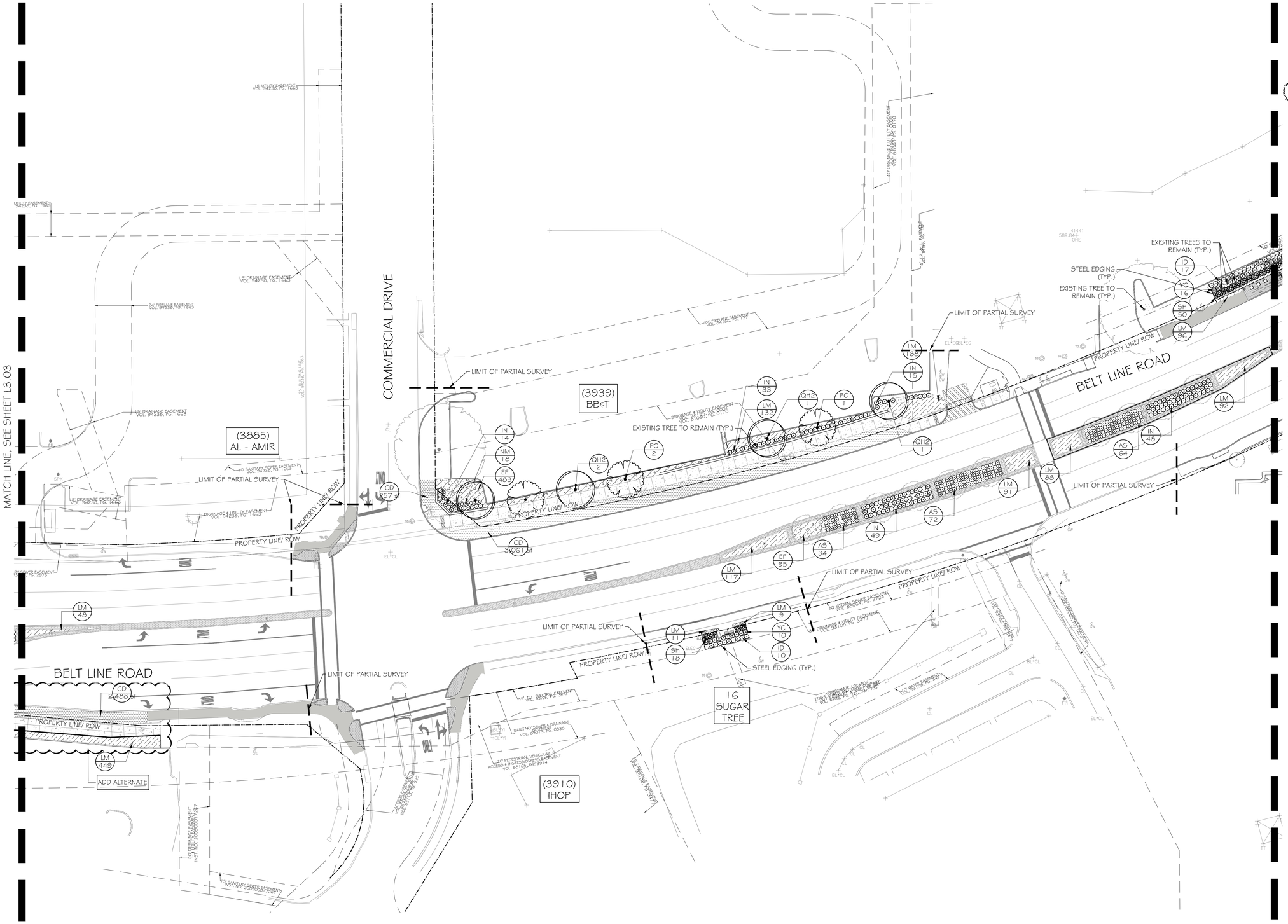
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

PLANTING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L3.03

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 PLANTING PLAN
1" = 30'-0"

PLANT SCHEDULE

2019-12-18 08:5

TREES	CODE	BOTANICAL / COMMON NAME
	QH2	QUERCUS VIRGINIANA `HIGH RISE` HIGH RISE LIVE OAK
	VC	VITEX AGNUS-CASTUS `SHOAL CREEK` CHASTE TREE

CANOPY TREES	CODE	BOTANICAL / COMMON NAME
	PC	PISTACIA CHINENSIS CHINESE PISTACHE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	AS	ABELIA X GRANDIFLORA `SILVER ANNIVERSARY` GLOSSY ABELIA
	ID	ILEX CORNUTA `DWARF BURFORD` DWARF BURFORD HOLLY
	IN	ILEX VOMITORIA `STOKE'S DWARF` DWARF YAUPON
	NM	NANDINA DOMESTICA `MURASAKI` FLIRT NANDINA

ANNUALS/PERENNIALS	CODE	BOTANICAL / COMMON NAME
	SH	SALVIA GREGGII `BLUE NOTE` BLUE NOTE SALVIA

CACTI/SUCCULANTS	CODE	BOTANICAL / COMMON NAME
	YC	YUCCA FILAMENTOSA `COLOR GUARD` ADAM'S NEEDLE

GROUND COVERS	CODE	BOTANICAL / COMMON NAME
	EF	EUONYMUS FORTUNEI `COLORATUS` PURPLE WINTERCREEPER
	LM	LIRIOPE MUSCARI `BIG BLUE` LILY TURF
	SS	PLANTER POT PLANTING MIX

SOD/SEED	CODE	BOTANICAL / COMMON NAME
		(ADD ALTERNATE)
	CD	CYNODON DACTYLON BERMUDA GRASS

NOTE: CONTRACTOR SHALL SOD TO LIMITS OF DISTURBANCE (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

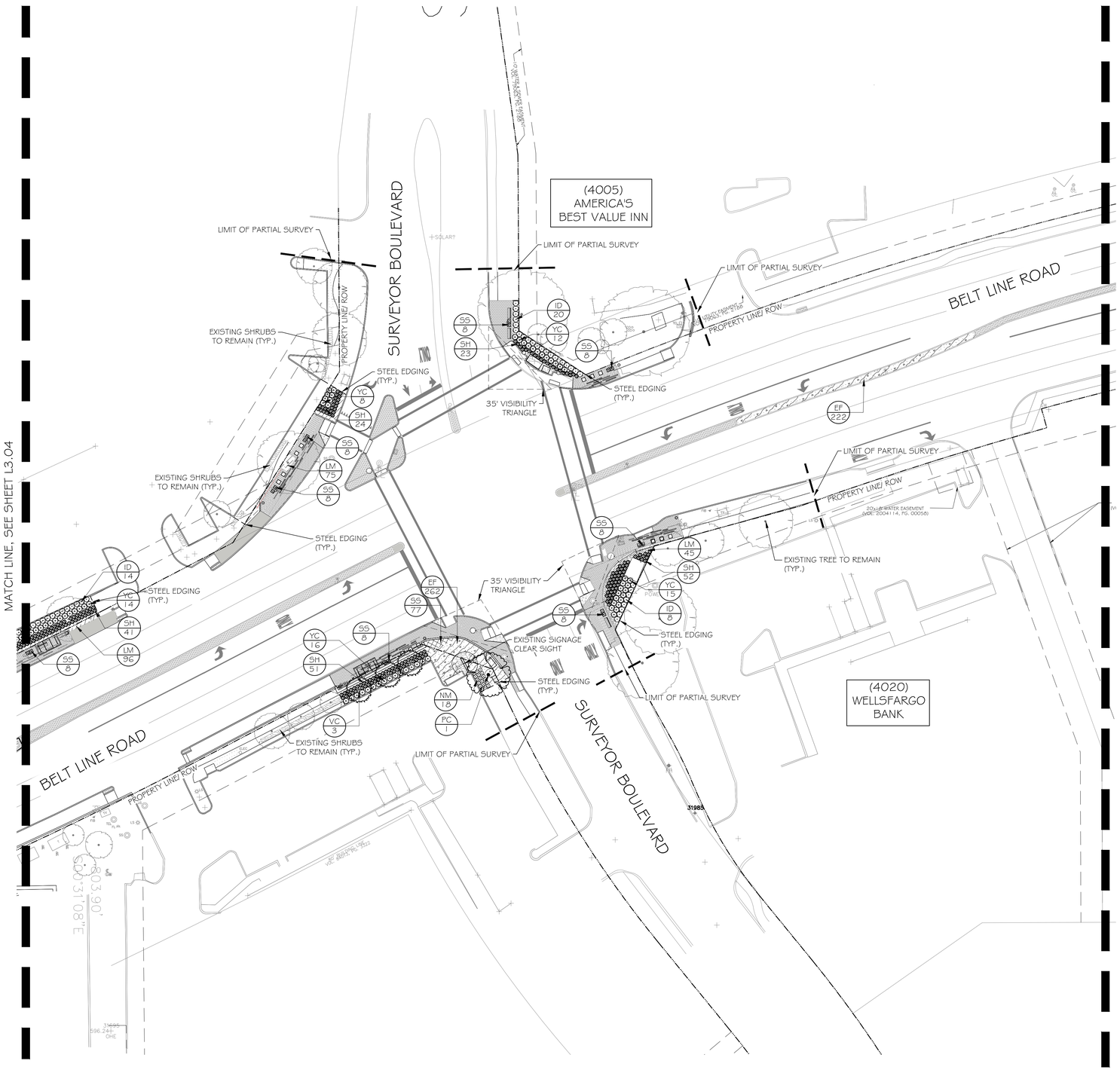
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

PLANTING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L3.04

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 PLANTING PLAN
1" = 30'-0"

PLANT SCHEDULE

2019-12-18 08:55

TREES	CODE	BOTANICAL / COMMON NAME
	QH2	QUERCUS VIRGINIANA `HIGH RISE` HIGH RISE LIVE OAK
	VC	VITEX AGNUS-CASTUS `SHOAL CREEK` CHASTE TREE

CANOPY TREES	CODE	BOTANICAL / COMMON NAME
	PC	PISTACIA CHINENSIS CHINESE PISTACHE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	AS	ABELIA X GRANDIFLORA `SILVER ANNIVERSARY` GLOSSY ABELIA
	ID	ILEX CORNUTA `DWARF BURFORD` DWARF BURFORD HOLLY
	IN	ILEX VOMITORIA `STOKE`S DWARF` DWARF YAUPON
	NM	NANDINA DOMESTICA `MURASAKI` FLIRT NANDINA

ANNUALS/PERENNIALS	CODE	BOTANICAL / COMMON NAME
	SH	SALVIA GREGGII `BLUE NOTE` BLUE NOTE SALVIA

CACTI/SUCCULANTS	CODE	BOTANICAL / COMMON NAME
	YC	YUCCA FILAMENTOSA `COLOR GUARD` ADAM`S NEEDLE

GROUND COVERS	CODE	BOTANICAL / COMMON NAME
	EF	EUONYMUS FORTUNEI `COLORATUS` PURPLE WINTERCREEPER
	LM	LIRIOPE MUSCARI `BIG BLUE` LILY TURF
	SS	PLANTER POT PLANTING MIX

SOD/SEED	CODE	BOTANICAL / COMMON NAME (ADD ALTERNATE)
	CD	CYNODON DACTYLON BERMUDA GRASS

NOTE: CONTRACTOR SHALL SOD TO LIMITS OF DISTURBANCE (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

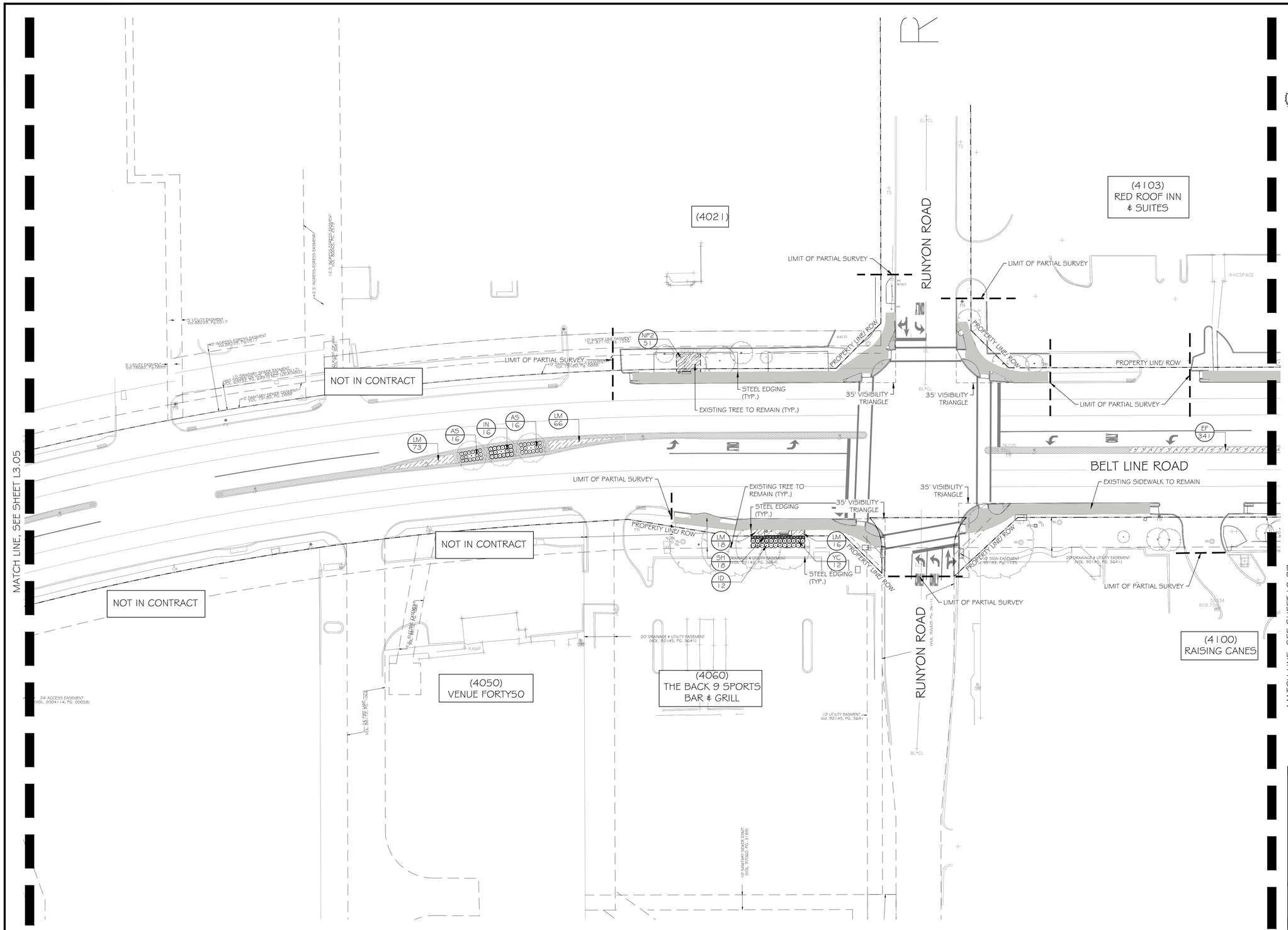
0 15 30 60 90
GRAPHIC SCALE IN FEET

PLANTING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L3.05

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 PLANTING PLAN
1" = 30'-0"

0 15 30 60 90
GRAPHIC SCALE IN FEET

PLANT SCHEDULE

2019-12-18 08

TREES	CODE	BOTANICAL / COMMON NAME
	QH2	QUERCUS VIRGINIANA `HIGH RISE` HIGH RISE LIVE OAK
	VC	VITEX AGNUS-CASTUS `SHOAL CREEK` CHASTE TREE

CANOPY TREES	CODE	BOTANICAL / COMMON NAME
	PC	PISTACIA CHINENSIS CHINESE PISTACHE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	AS	ABELIA X GRANDIFLORA `SILVER ANNIVERSARY` GLOSSY ABELIA
	ID	ILEX CORNUTA `DWARF BURFORD` DWARF BURFORD HOLLY
	IN	ILEX VOMITORIA `STOKE`S DWARF` DWARF YAUPON
	NM	NANDINA DOMESTICA `MURASAKI` FLIRT NANDINA

ANNUALS/PERENNIALS	CODE	BOTANICAL / COMMON NAME
	SH	SALVIA GREGGII `BLUE NOTE` BLUE NOTE SALVIA

CACTI/SUCCULANTS	CODE	BOTANICAL / COMMON NAME
	YC	YUCCA FILAMENTOSA `COLOR GUARD` ADAM`S NEEDLE

GROUND COVERS	CODE	BOTANICAL / COMMON NAME
	EF	EUONYMUS FORTUNEI `COLORATUS` PURPLE WINTERCREEPER
	LM	LIRIOPE MUSCARI `BIG BLUE` LILY TURF
	SS	PLANTER POT PLANTING MIX

SOD/SEED	CODE	BOTANICAL / COMMON NAME (ADD ALTERNATE)
	CD	CYNODON DACTYLON BERMUDA GRASS

NOTE: CONTRACTOR SHALL SOD TO LIMITS OF DISTURBANCE (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

Amber M. Davis
01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

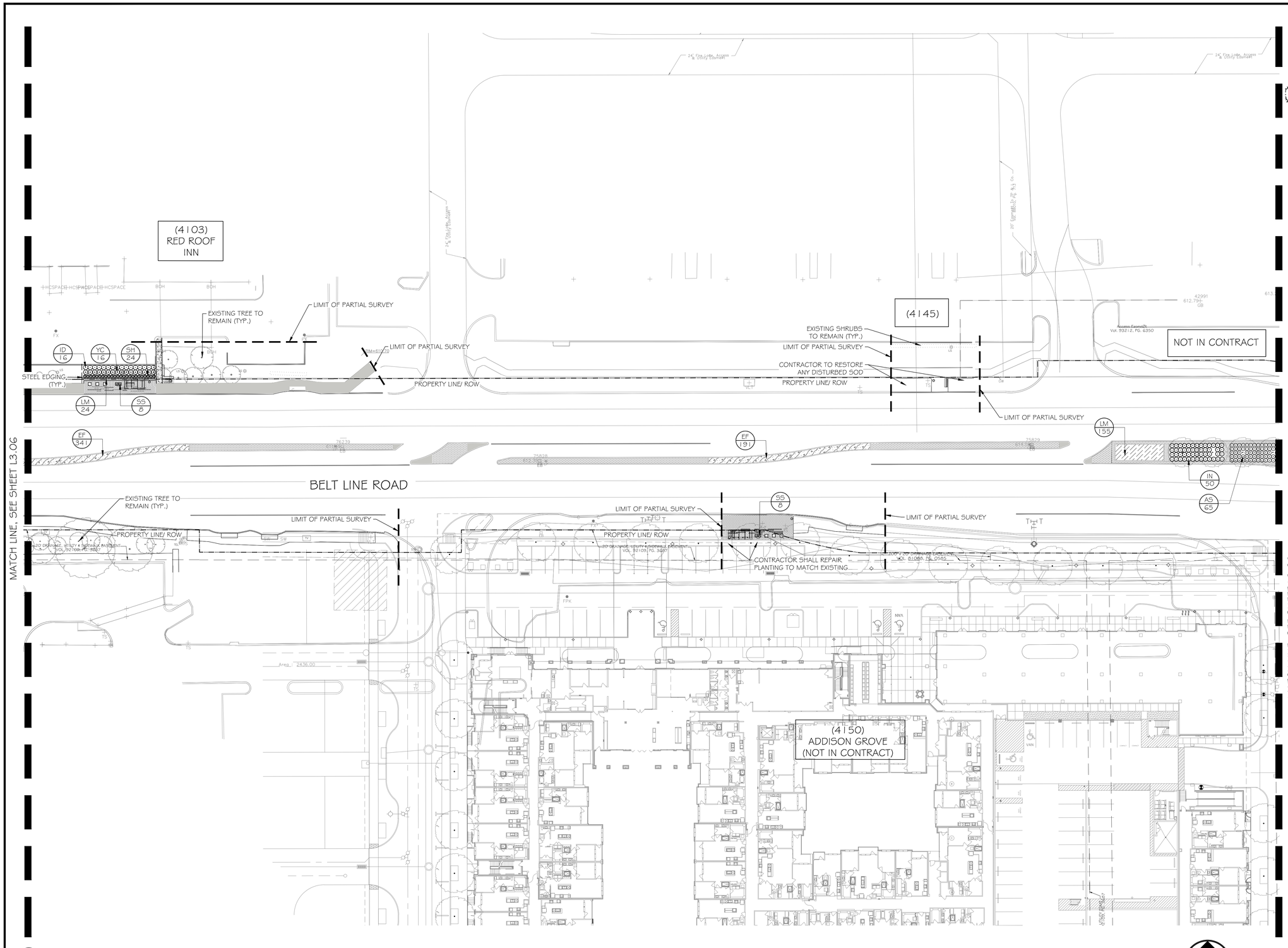
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

PLANTING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L3.06

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 PLANTING PLAN
1" = 30'-0"

0 15 30 60 90
GRAPHIC SCALE IN FEET

PLANT SCHEDULE

2019-12-18 08:5

TREES	CODE	BOTANICAL / COMMON NAME
	QH2	QUERCUS VIRGINIANA `HIGH RISE` HIGH RISE LIVE OAK
	VC	VITEX AGNUS-CASTUS `SHOAL CREEK` CHASTE TREE

CANOPY TREES	CODE	BOTANICAL / COMMON NAME
	PC	PISTACIA CHINENSIS CHINESE PISTACHE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	AS	ABELIA X GRANDIFLORA `SILVER ANNIVERSARY` GLOSSY ABELIA
	ID	ILEX CORNUTA `DWARF BURFORD` DWARF BURFORD HOLLY
	IN	ILEX VOMITORIA `STOKE`S DWARF` DWARF YAUPON
	NM	NANDINA DOMESTICA `MURASAKI` FLIRT NANDINA

ANNUALS/PERENNIALS	CODE	BOTANICAL / COMMON NAME
	SH	SALVIA GREGGII `BLUE NOTE` BLUE NOTE SALVIA

CACTI/SUCCULANTS	CODE	BOTANICAL / COMMON NAME
	YC	YUCCA FILAMENTOSA `COLOR GUARD` ADAM`S NEEDLE

GROUND COVERS	CODE	BOTANICAL / COMMON NAME
	EF	EUONYMUS FORTUNEI `COLORATUS` PURPLE WINTERCREEPER
	LM	LIRIOPE MUSCARI `BIG BLUE` LILY TURF
	SS	PLANTER POT PLANTING MIX

SOD/SEED	CODE	BOTANICAL / COMMON NAME (ADD ALTERNATE)
	CD	CYNODON DACTYLON BERMUDA GRASS

NOTE: CONTRACTOR SHALL SOD TO LIMITS OF DISTURBANCE (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

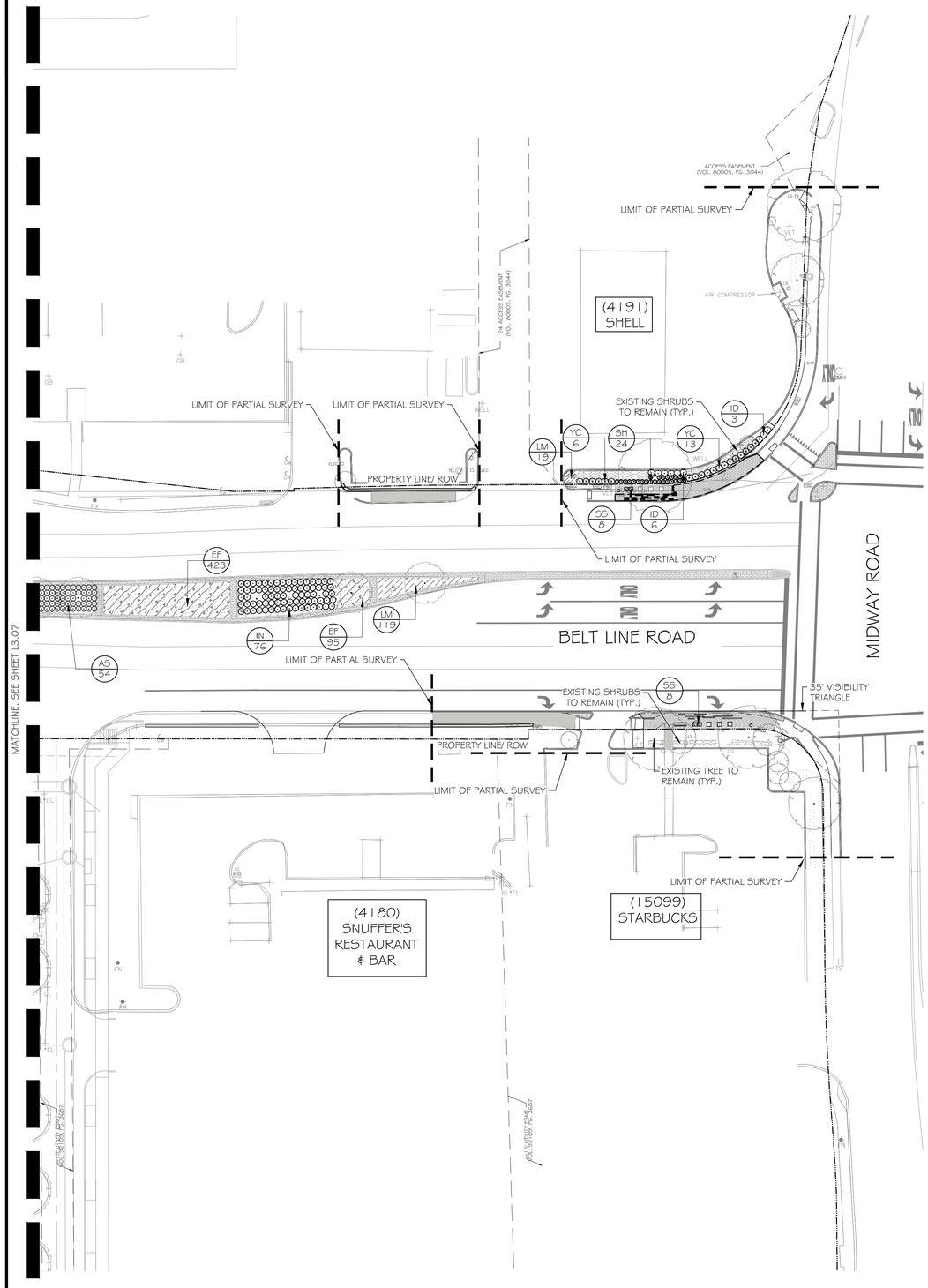
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

PLANTING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L3.07

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 PLANTING PLAN
1" = 30'-0"

PLANT SCHEDULE

2019-12-18 08:55

TREES	CODE	BOTANICAL / COMMON NAME
	QH2	QUERCUS VIRGINIANA `HIGH RISE` HIGH RISE LIVE OAK
	VC	VITEX AGNUS-CASTUS `SHOAL CREEK` CHASTE TREE

CANOPY TREES	CODE	BOTANICAL / COMMON NAME
	PC	PISTACIA CHINENSIS CHINESE PISTACHE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	AS	ABELIA X GRANDIFLORA `SILVER ANNIVERSARY` GLOSSY ABELIA
	ID	ILEX CORNUTA `DWARF BURFORD` DWARF BURFORD HOLLY
	IN	ILEX VOMITORIA `STOKE'S DWARF` DWARF YAUPON
	NM	NANDINA DOMESTICA `MURASAKI` FLIRT NANDINA

ANNUALS/PERENNIALS	CODE	BOTANICAL / COMMON NAME
	SH	SALVIA GREGGII `BLUE NOTE` BLUE NOTE SALVIA

CACTI/SUCCULANTS	CODE	BOTANICAL / COMMON NAME
	YC	YUCCA FILAMENTOSA `COLOR GUARD` ADAM'S NEEDLE

GROUND COVERS	CODE	BOTANICAL / COMMON NAME
	EF	EUONYMUS FORTUNEI `COLORATUS` PURPLE WINTERCREEPER
	LM	LIRIOPE MUSCARI `BIG BLUE` LILY TURF
	SS	PLANTER POT PLANTING MIX

SOD/SEED	CODE	BOTANICAL / COMMON NAME (ADD ALTERNATE)
	CD	CYNODON DACTYLON BERMUDA GRASS

NOTE: CONTRACTOR SHALL SOD TO LIMITS OF DISTURBANCE (TYP.)

REGISTERED LANDSCAPE ARCHITECT
AMBER M. DAVIS
3363
STATE OF TEXAS

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

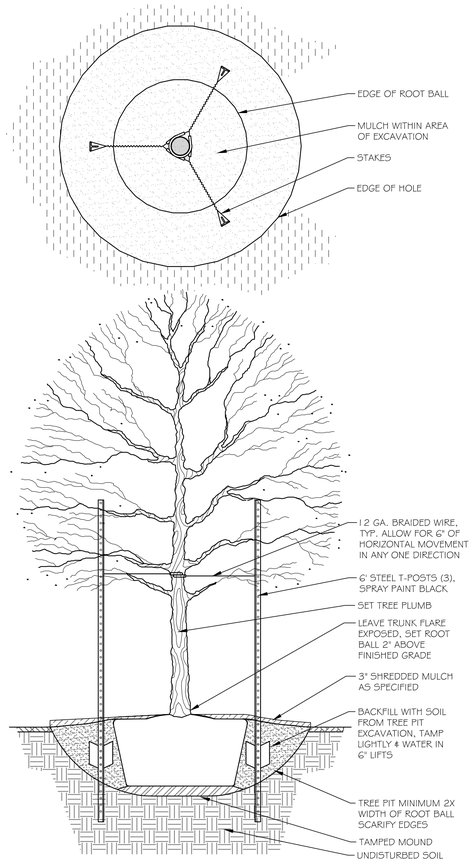
0 15 30 60 90
GRAPHIC SCALE IN FEET

PLANTING PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L3.08

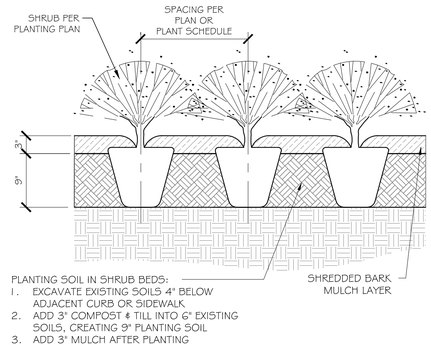
PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



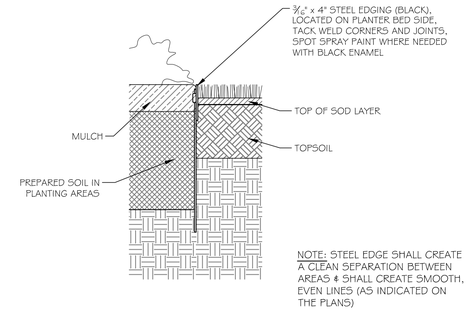
1 CANOPY TREE PLANTING

3/4" = 1'-0"



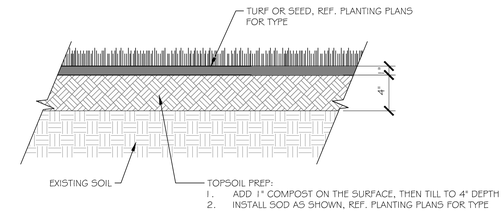
2 TYP. SHRUB PLANTING

1" = 1'-0"



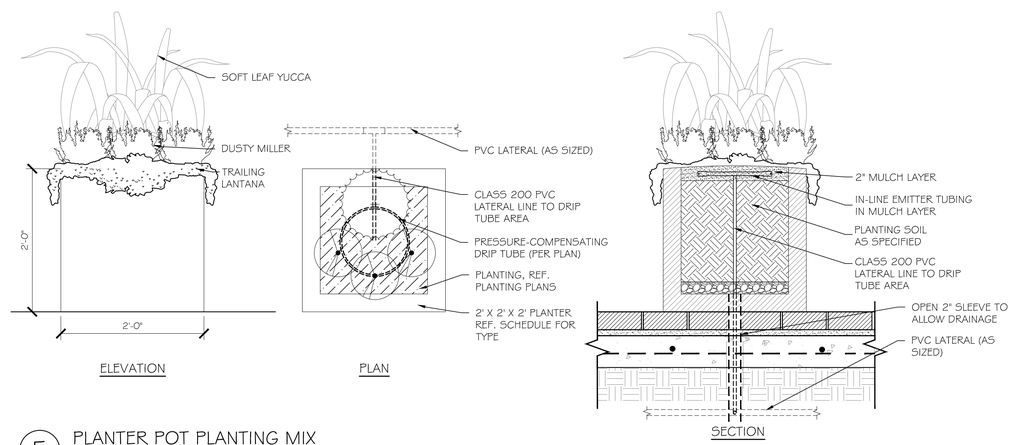
3 STEEL EDGING AT PLANTING

1 1/2" = 1'-0"



4 SOIL PROFILE FOR SOD WHERE DISTURBED DURING CONSTRUCTION

1 1/2" = 1'-0"



5 PLANTER POT PLANTING MIX

1" = 1'-0"

01/02/2020

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

PLANTING DETAILS

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L3.09

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152

1 OVERALL IRRIGATION PLAN
1" = 150'-0"

IRRIGATION SCHEDULE

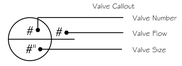
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
5 5 5 5 5 / G T H TT TQ F	TORO 570Z-4P-XF 5 SERIES TURF SPRAY, 4" POP-UP, WITH A ZERO FLUSH SEAL, AND PATENTED X-FLOW WATER SHUT-OFF DEVICE TO MINIMIZE WATER WASTE.
8 8 8 8 8 / Q T H TT TQ F	TORO 570Z-4P-XF 8 SERIES TURF SPRAY, 4" POP-UP, WITH A ZERO FLUSH SEAL, AND PATENTED X-FLOW WATER SHUT-OFF DEVICE TO MINIMIZE WATER WASTE.
10 10 10 10 10 / Q T H TT TQ F	TORO 570Z-4P-XF 10 SERIES TURF SPRAY, 4" POP-UP, WITH A ZERO FLUSH SEAL, AND PATENTED X-FLOW WATER SHUT-OFF DEVICE TO MINIMIZE WATER WASTE.
12 12 12 12 12 / Q T H TT TQ F	TORO 570Z-4P-XF 12 SERIES TURF SPRAY, 4" POP-UP, WITH A ZERO FLUSH SEAL, AND PATENTED X-FLOW WATER SHUT-OFF DEVICE TO MINIMIZE WATER WASTE.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	NETAFIM LVCZS8010075-HF PRE-ASSEMBLED CONTROL ZONE KIT, WITH 1" SERIES 80 CONTROL VALVE, 3/4" DISC FILTER, AND HIGH FLOW PRESSURE REGULATOR 4.5GPM TO 17.6GPM.
	NETAFIM LVCZS8010075-LF PRE-ASSEMBLED CONTROL ZONE KIT, WITH 1" SERIES 80 CONTROL VALVE, 3/4" DISC FILTER, AND LOW FLOW PRESSURE REGULATOR 0.25GPM TO 4.4GPM.
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-06-12 TECHLINE PRESSURE COMPENSATING LANDSCAPE DRIPLINE WITH CHECK VALVE. 0.6 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	WEATHERMATIC 11000 SERIES PLASTIC REMOTE CONTROL VALVE, SIZE AS INDICATED.
	QUICK COUPLER RAIN BIRD 3/4" SINGLE LUG QUICK COUPLING VALVE WITH METAL TOP.
	PVC BALL VALVE SPEARS OR LASCO BALL VALVE.
BF5	EXISTING BACKFLOW 1-1/2"
BF	EXISTING BACKFLOW 1"

D	6 STATION LEIT CONTROLLER LEIT XRC06 CONTROLLER IN STAINLESS STEEL ENCLOSURE. MOUNTED ON GALVANIZED STEEL POLE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
E	4 STATION LEIT CONTROLLER LEIT XRC04 CONTROLLER IN STAINLESS STEEL ENCLOSURE. MOUNTED ON GALVANIZED STEEL POLE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
A	EXISTING CONTROLLER 1 RAINBIRD LXME CONTROLLER WITH METAL PEDESTAL ON CONCRETE PAD.
B	EXISTING CONTROLLER 2 RAINBIRD LXME CONTROLLER WITH METAL PEDESTAL ON CONCRETE PAD.
C	EXISTING CONTROLLER 3 LEIT SOLAR CONTROLLER MOUNTED ON METAL POLE.
M1	WATER METER 1-1/2" EXISTING WATER METER
M2	WATER METER 1-1/2" EXISTING WATER METER
M3	WATER METER 1-1/2" EXISTING WATER METER
M4	WATER METER 1-1/2" EXISTING WATER METER
M5	WATER METER 1" EXISTING WATER METER
M6	WATER METER 1" EXISTING WATER METER
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 ONLY LATERAL TRANSITION PIPE SIZES 1" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 3/4".
	IRRIGATION MAINLINE: PVC SCHEDULE 40
	PIPE SLEEVE: PVC SCHEDULE 40 ALL SLEEVES 2" AND SMALLER SHALL BE PVC SCHEDULE 40. LARGER SIZES SHALL BE PVC CLASS 200.

Valve Callout



PVC CLASS 200 PIPE SIZE CHART:

0-10 GPM - ¾"
11-16 GPM - 1"
17-26 GPM - 1¼"
27-34 GPM - 1½"

PVC SCHEDULE 40 PIPE SIZE CHART:

0-7 GPM - ¾"
8-12 GPM - 1"
13-22 GPM - 1¼"
23-30 GPM - 1½"

IRRIGATION METER SCHEDULE

METER I.D. NUMBER	METER SIZE	BACKFLOW SIZE	METER LOCATION	*MINIMUM DYNAMIC PRESSURE REQUIRED (PSI)	*MINIMUM FLOW REQUIRED (GPM)
1	1-1/2"	1-1/2"	3732 BELT LINE	26	7
2	1-1/2"	1-1/2"	3750 BELT LINE	31	14
3	1-1/2"	1-1/2"	3900 BELT LINE	31	14
4	1-1/2"	1-1/2"	4050 BELT LINE	27	9
5	1"	1"	4100 BELT LINE	28	10
6	1"	1"	4150 BELT LINE	29	12

*PRESSURE AND FLOW REQUIRED AT THE POINT WHERE THE EXISTING MAINLINE IS TAPPED INSIDE EACH LANDSCAPED MEDIAN BED (REF. PLANS).

REFER TO IRRIGATION GENERAL NOTES, SHEET L0.00

REGISTERED LANDSCAPE ARCHITECT
KENDALL HANCEY
3366
STATE OF TEXAS

01/02/2019

NO.	DATE	ISSUE
3	01/02/2020	100% CONSTRUCTION DOCUMENTS
2	12/09/2019	90% CONSTRUCTION DOCUMENTS
1	07/30/2019	DESIGN DEVELOPMENT
0	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

0 75 150 300 450
GRAPHIC SCALE IN FEET

OVERALL IRRIGATION PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

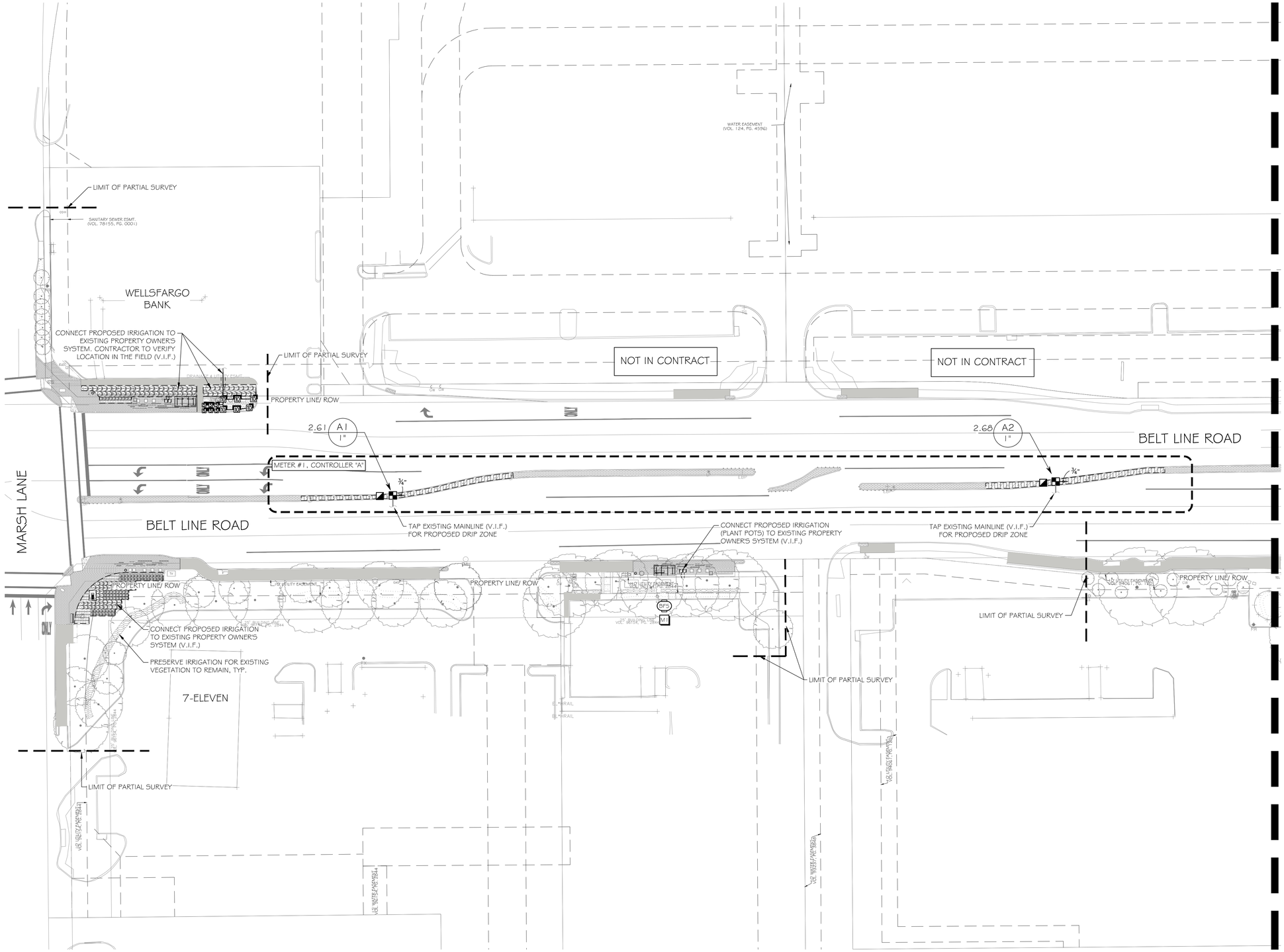
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KJH	KJH	JAN 2020	AS SHOWN			L4.01

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 IRRIGATION PLAN
1" = 30'-0"

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
5Q 5T 5H 5TT 5TQ 5F	TORO 570Z-4P-XF 5 SERIES
8Q 8T 8H 8TT 8TQ 8F	TORO 570Z-4P-XF 8 SERIES
10Q 10T 10H 10TT 10TQ 10F	TORO 570Z-4P-XF 10 SERIES
12Q 12T 12H 12TT 12TQ 12F	TORO 570Z-4P-XF 12 SERIES

SYMBOL	MANUFACTURER/MODEL
	NETAFIM LVCZ58010075-HF
	NETAFIM LVCZ58010075-LF
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-06-12

SYMBOL	MANUFACTURER/MODEL
	WEATHERMATIC 11000 SERIES
	QUICK COUPLER
	PVC BALL VALVE
BF5	EXISTING BACKFLOW 1-1/2"
BF1	EXISTING BACKFLOW 1"
D	6 STATION LEIT CONTROLLER
E	4 STATION LEIT CONTROLLER
A	EXISTING CONTROLLER 1
B	EXISTING CONTROLLER 2
C	EXISTING CONTROLLER 3
M1	WATER METER 1-1/2"
M2	WATER METER 1-1/2"
M3	WATER METER 1-1/2"
M4	WATER METER 1-1/2"
M5	WATER METER 1"
M6	WATER METER 1"

IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21

IRRIGATION MAINLINE: PVC SCHEDULE 40

PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
#" — Valve Number
— Valve Flow
#" — Valve Size

PVC CLASS 200 PIPE SIZE CHART:

0-10 GPM - ¾"	17-26 GPM - 1¼"
11-16 GPM - 1"	27-34 GPM - 1½"

PVC SCHEDULE 40 PIPE SIZE CHART:

0-7 GPM - ¾"	13-22 GPM - 1¼"
8-12 GPM - 1"	23-30 GPM - 1½"

REGISTERED LANDSCAPE ARCHITECT
KENDALL HANCEY
3366
STATE OF TEXAS

01/02/2019

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

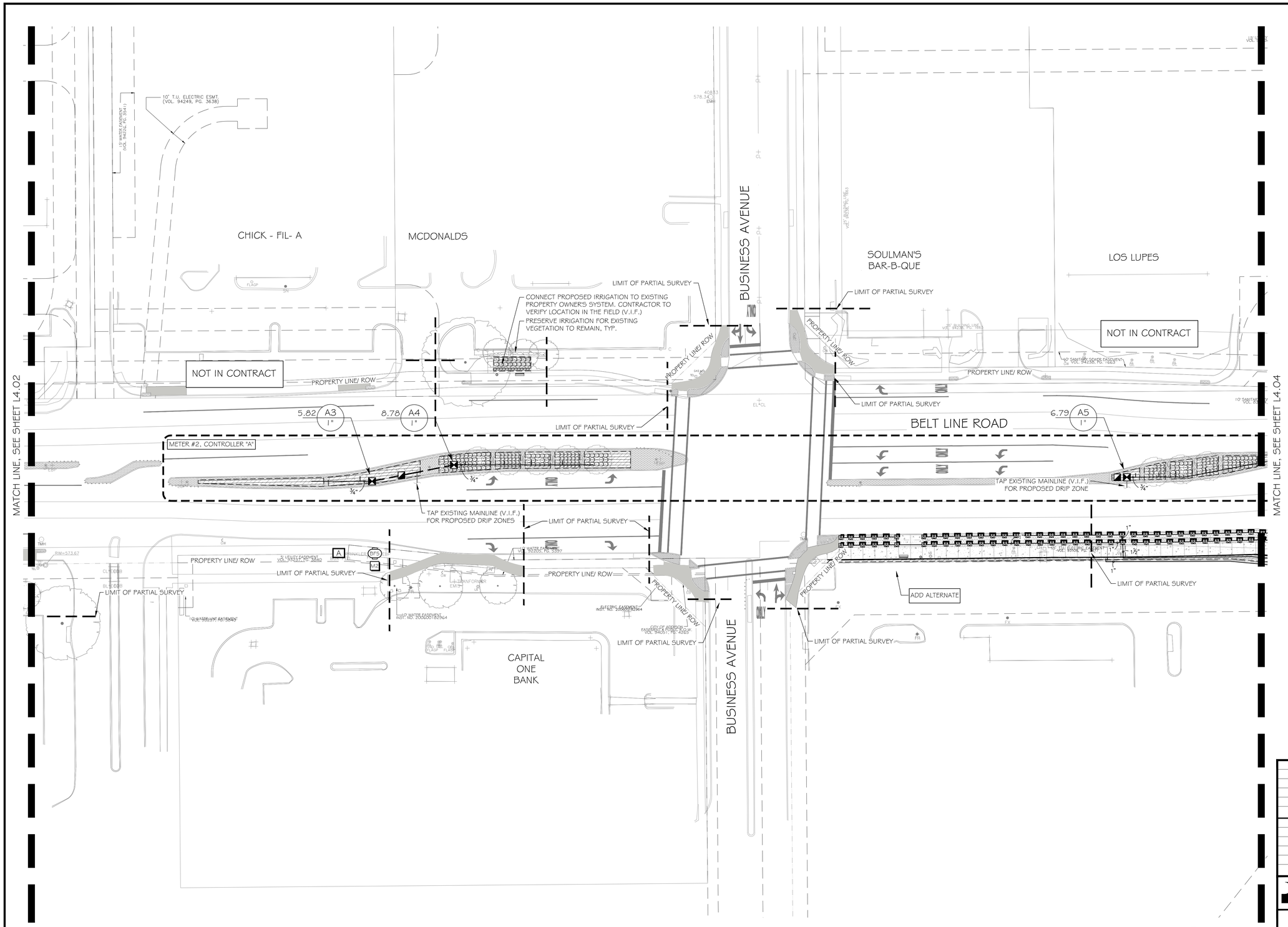
0 15 30 60 90
GRAPHIC SCALE IN FEET

IRRIGATION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KJH	KJH	JAN 2020	AS SHOWN			L4.02

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



1 IRRIGATION PLAN
1" = 30'-0"

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
5 Q, 5 T, 5 H, 5 TT, 5 TQ, 5 F	TORO 570Z-4P-XF 5 SERIES
8 Q, 8 T, 8 H, 8 TT, 8 TQ, 8 F	TORO 570Z-4P-XF 8 SERIES
10 Q, 10 T, 10 H, 10 TT, 10 TQ, 10 F	TORO 570Z-4P-XF 10 SERIES
12 Q, 12 T, 12 H, 12 TT, 12 TQ, 12 F	TORO 570Z-4P-XF 12 SERIES

SYMBOL	MANUFACTURER/MODEL
	NETAFIM LVCZ580100075-HF
	NETAFIM LVCZ580100075-LF
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-06-12

SYMBOL	MANUFACTURER/MODEL
	WEATHERMATIC 11000 SERIES
	QUICK COUPLER
	PVC BALL VALVE
BF5	EXISTING BACKFLOW 1-1/2"
BF1	EXISTING BACKFLOW 1"
D	6 STATION LEIT CONTROLLER
E	4 STATION LEIT CONTROLLER
A	EXISTING CONTROLLER 1
B	EXISTING CONTROLLER 2
C	EXISTING CONTROLLER 3
M1	WATER METER 1-1/2"
M2	WATER METER 1-1/2"
M3	WATER METER 1-1/2"
M4	WATER METER 1-1/2"
M5	WATER METER 1"
M6	WATER METER 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

PVC CLASS 200 PIPE SIZE CHART:

0-10 GPM - ¾"	17-26 GPM - 1¼"
11-16 GPM - 1"	27-34 GPM - 1½"

PVC SCHEDULE 40 PIPE SIZE CHART:

0-7 GPM - ¾"	13-22 GPM - 1¼"
8-12 GPM - 1"	23-30 GPM - 1½"

REGISTERED LANDSCAPE ARCHITECT
KENDALL HANCEY
3366
STATE OF TEXAS
01/02/2019

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

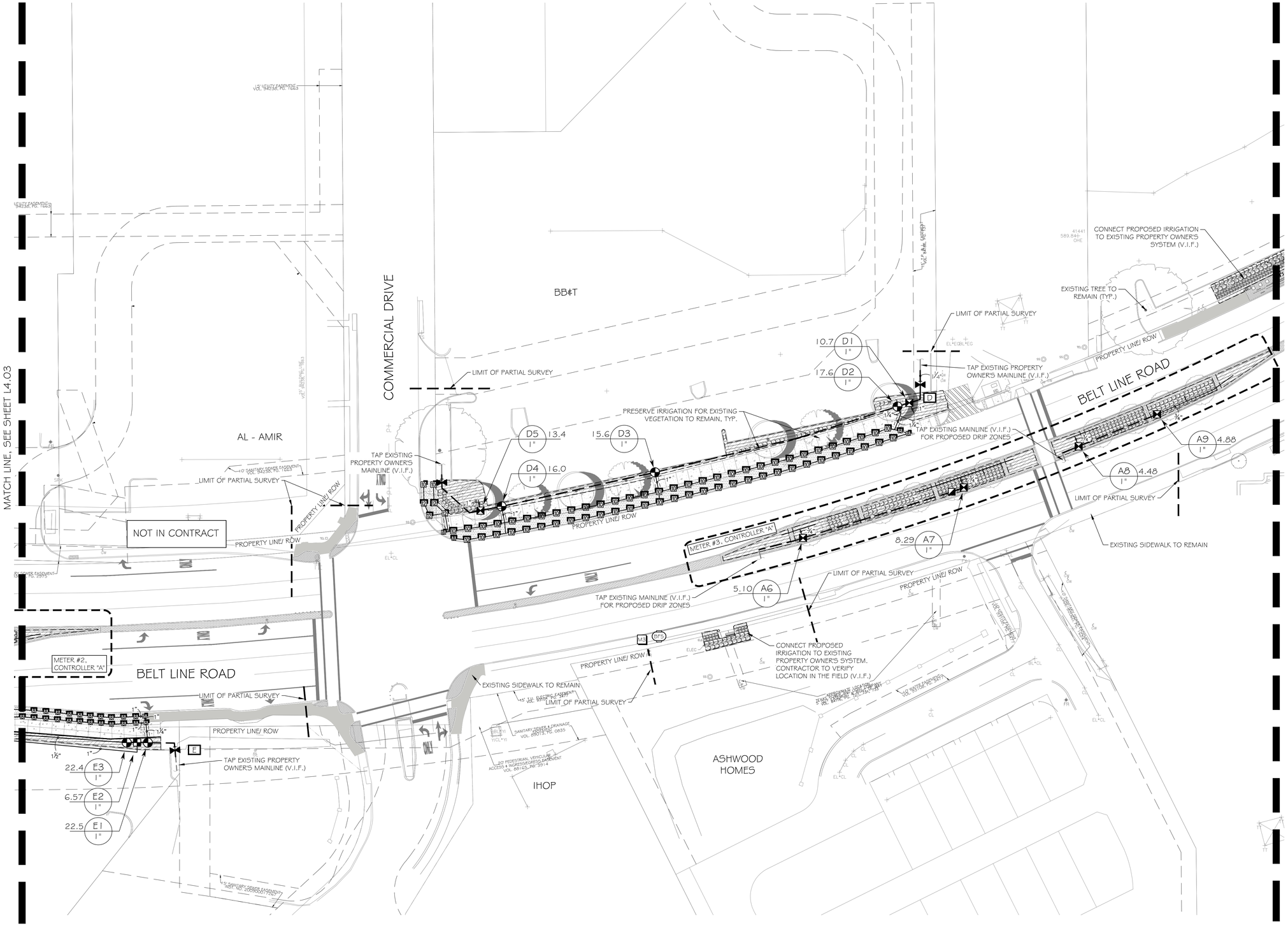
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

IRRIGATION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KJH	KJH	JAN 2020	AS SHOWN			L4.03

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 IRRIGATION PLAN
1" = 30'-0"

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
Q T H TT TQ F	TORO 570Z-4P-XF 5 SERIES
Q T H TT TQ F	TORO 570Z-4P-XF 8 SERIES
Q T H TT TQ F	TORO 570Z-4P-XF 10 SERIES
Q T H TT TQ F	TORO 570Z-4P-XF 12 SERIES

SYMBOL	MANUFACTURER/MODEL
	NETAFIM LVCZ58010075-HF
	NETAFIM LVCZ58010075-LF
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-06-12

SYMBOL	MANUFACTURER/MODEL
	WEATHERMATIC 11000 SERIES
	QUICK COUPLER
	PVC BALL VALVE
BF2	EXISTING BACKFLOW 1-1/2"
BF1	EXISTING BACKFLOW 1"
D	6 STATION LEIT CONTROLLER
E	4 STATION LEIT CONTROLLER
A	EXISTING CONTROLLER 1
B	EXISTING CONTROLLER 2
C	EXISTING CONTROLLER 3
M1	WATER METER 1-1/2"
M2	WATER METER 1-1/2"
M3	WATER METER 1-1/2"
M4	WATER METER 1-1/2"
M5	WATER METER 1"
M6	WATER METER 1"

IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21

IRRIGATION MAINLINE: PVC SCHEDULE 40

PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

PVC CLASS 200 PIPE SIZE CHART:

0-10 GPM - ¾"	17-26 GPM - 1¼"
11-16 GPM - 1"	27-34 GPM - 1½"

PVC SCHEDULE 40 PIPE SIZE CHART:

0-7 GPM - ¾"	13-22 GPM - 1¼"
8-12 GPM - 1"	23-30 GPM - 1½"

REGISTERED LANDSCAPE ARCHITECT
KENDALL HANCEY
3366
STATE OF TEXAS

01/02/2019

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

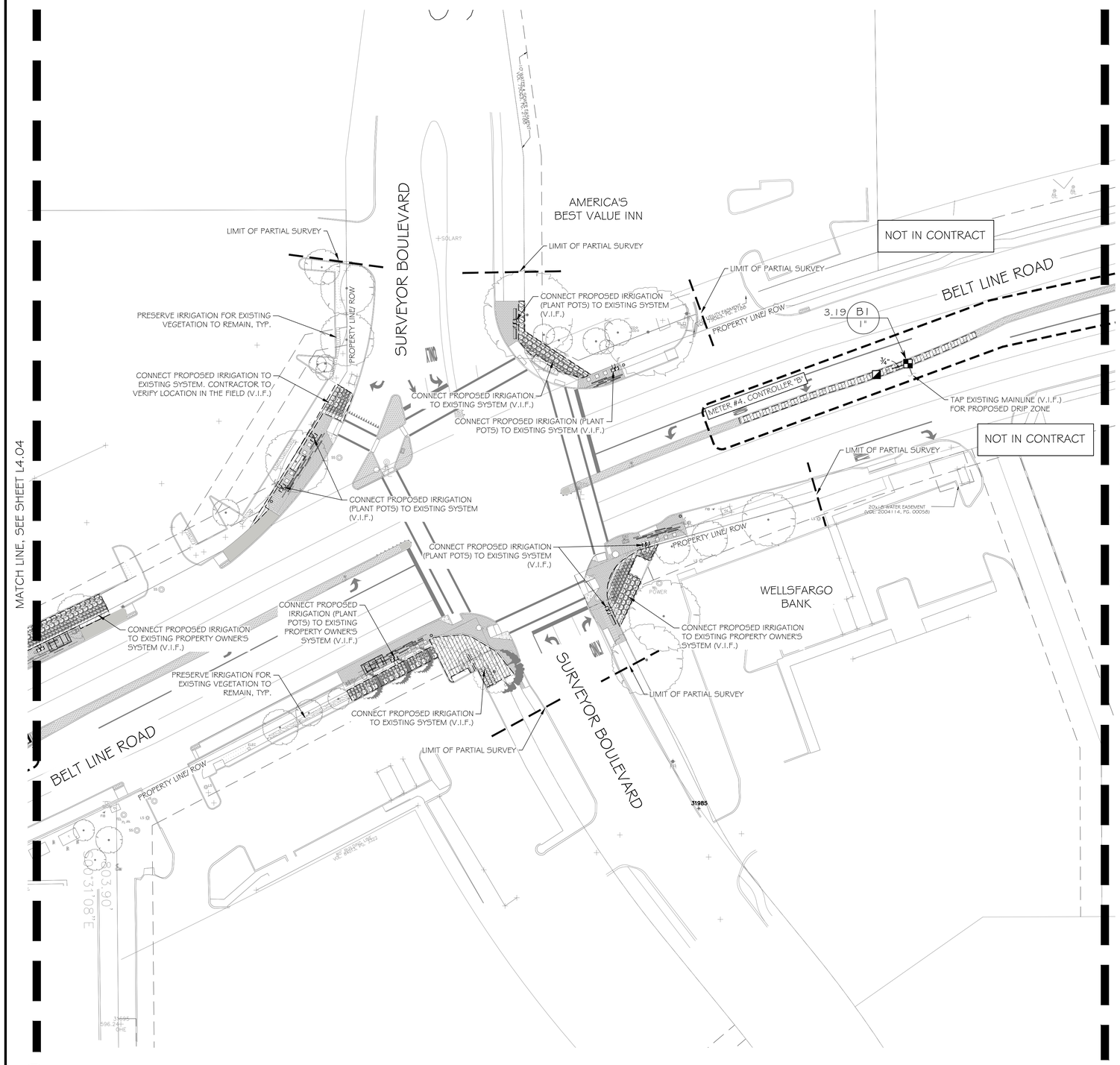
0 15 30 60 90
GRAPHIC SCALE IN FEET

IRRIGATION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KJH	KJH	JAN 2020	AS SHOWN			L4.04

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 IRRIGATION PLAN
1" = 30'-0"

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
5F Q 5F T 5F H 5F TT 5F TQ 5F F	TORO 570Z-4P-XF 5 SERIES
8F Q 8F T 8F H 8F TT 8F TQ 8F F	TORO 570Z-4P-XF 8 SERIES
10F Q 10F T 10F H 10F TT 10F TQ 10F F	TORO 570Z-4P-XF 10 SERIES
12F Q 12F T 12F H 12F TT 12F TQ 12F F	TORO 570Z-4P-XF 12 SERIES

SYMBOL	MANUFACTURER/MODEL
	NETAFIM LVCZ58010075-HF
	NETAFIM LVCZ58010075-LF
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-06-12

SYMBOL	MANUFACTURER/MODEL
	WEATHERMATIC 11000 SERIES
	QUICK COUPLER
	PVC BALL VALVE
BF5	EXISTING BACKFLOW 1-1/2"
BF1	EXISTING BACKFLOW 1"
D	6 STATION LEIT CONTROLLER
E	4 STATION LEIT CONTROLLER
A	EXISTING CONTROLLER 1
B	EXISTING CONTROLLER 2
C	EXISTING CONTROLLER 3
M1	WATER METER 1-1/2"
M2	WATER METER 1-1/2"
M3	WATER METER 1-1/2"
M4	WATER METER 1-1/2"
M5	WATER METER 1"
M6	WATER METER 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

PVC CLASS 200 PIPE SIZE CHART:

0-10 GPM - ¾"	17-26 GPM - 1¼"
11-16 GPM - 1"	27-34 GPM - 1½"

PVC SCHEDULE 40 PIPE SIZE CHART:

0-7 GPM - ¾"	13-22 GPM - 1¼"
8-12 GPM - 1"	23-30 GPM - 1½"

REGISTERED LANDSCAPE ARCHITECT
KENDALL HANCEY
3366
STATE OF TEXAS
01/02/2019

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

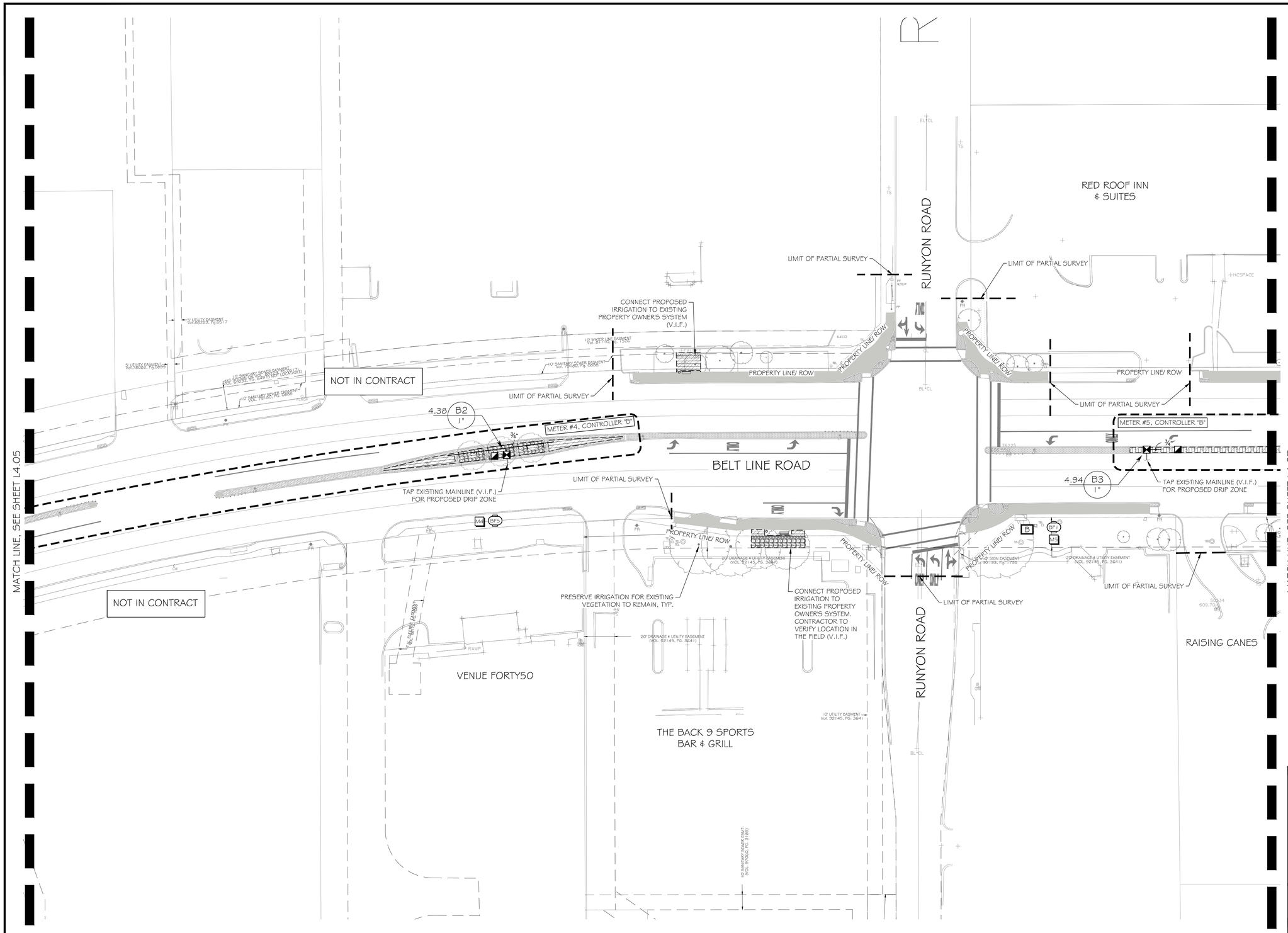
0 15 30 60 90
GRAPHIC SCALE IN FEET

IRRIGATION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KJH	KJH	JAN 2020	AS SHOWN			L4.05

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 IRRIGATION PLAN
1" = 30'-0"

0 15 30 60 90
GRAPHIC SCALE IN FEET

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
Q T H TT TQ F	TORO 570Z-4P-XF 5 SERIES
Q T H TT TQ F	TORO 570Z-4P-XF 8 SERIES
Q T H TT TQ F	TORO 570Z-4P-XF 10 SERIES
Q T H TT TQ F	TORO 570Z-4P-XF 12 SERIES

SYMBOL	MANUFACTURER/MODEL
	NETAFIM LVCZ58010075-HF
	NETAFIM LVCZ58010075-LF
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-06-12

SYMBOL	MANUFACTURER/MODEL
	WEATHERMATIC 11000 SERIES
	QUICK COUPLER
	PVC BALL VALVE
BF2	EXISTING BACKFLOW 1-1/2"
BF1	EXISTING BACKFLOW 1"
D	6 STATION LEIT CONTROLLER
E	4 STATION LEIT CONTROLLER
A	EXISTING CONTROLLER 1
B	EXISTING CONTROLLER 2
C	EXISTING CONTROLLER 3
M1	WATER METER 1-1/2"
M2	WATER METER 1-1/2"
M3	WATER METER 1-1/2"
M4	WATER METER 1-1/2"
M5	WATER METER 1"
M6	WATER METER 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

PVC CLASS 200 PIPE SIZE CHART:

0-10 GPM - ¾"	17-26 GPM - 1¼"
11-16 GPM - 1"	27-34 GPM - 1½"

PVC SCHEDULE 40 PIPE SIZE CHART:

0-7 GPM - ¾"	13-22 GPM - 1¼"
8-12 GPM - 1"	23-30 GPM - 1½"

REGISTERED LANDSCAPE ARCHITECT
KENDALL HANCEY
3366
STATE OF TEXAS
01/02/2019

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

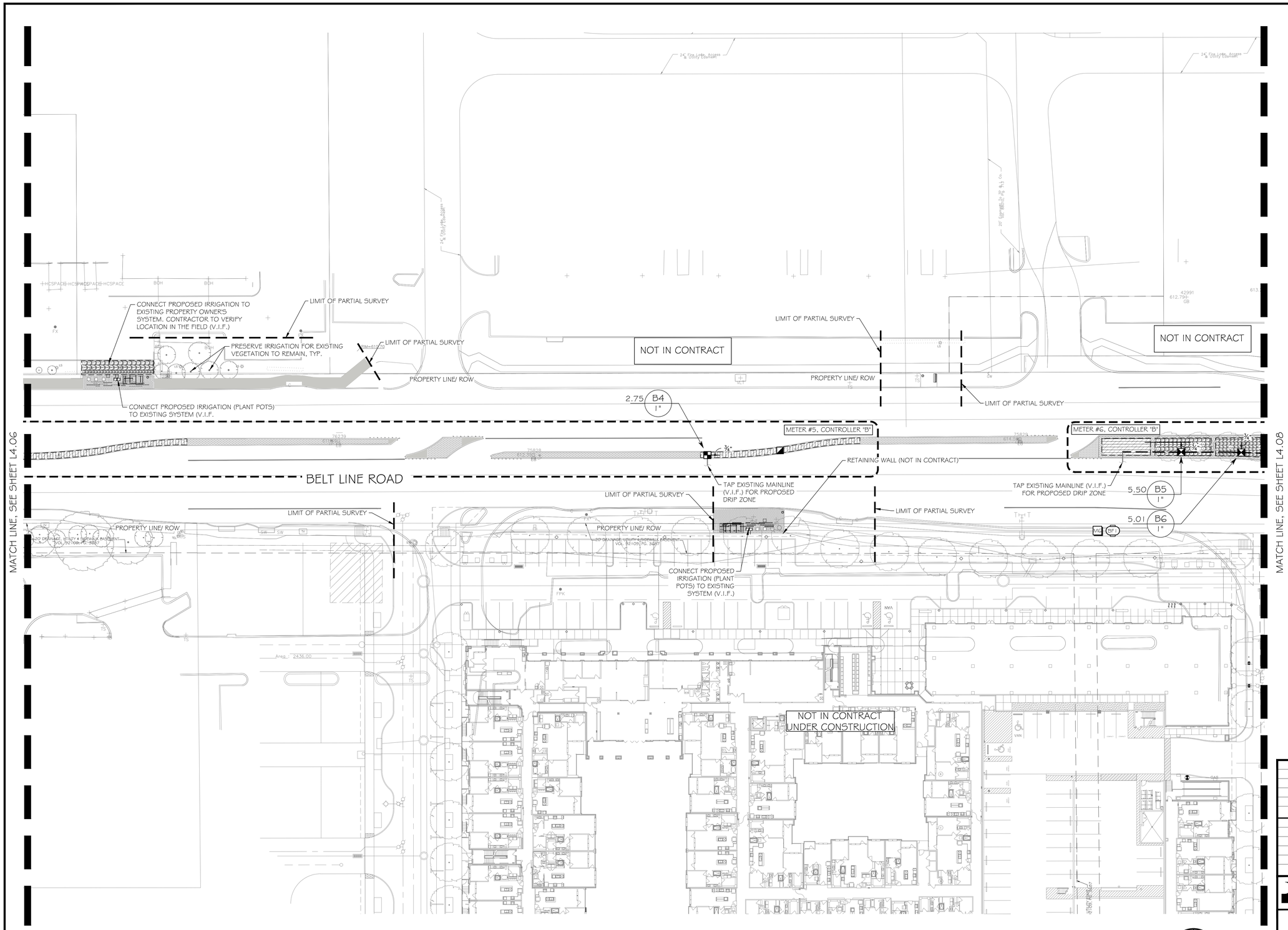
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

IRRIGATION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KJH	KJH	JAN 2020	AS SHOWN			L4.06

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 IRRIGATION PLAN
1" = 30'-0"

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
Q T H TT TQ F	TORO 570Z-4P-XF 5 SERIES
Q T H TT TQ F	TORO 570Z-4P-XF 8 SERIES
Q T H TT TQ F	TORO 570Z-4P-XF 10 SERIES
Q T H TT TQ F	TORO 570Z-4P-XF 12 SERIES

SYMBOL	MANUFACTURER/MODEL
	NETAFIM LVCZ58010075-HF
	NETAFIM LVCZ58010075-LF
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-06-12

SYMBOL	MANUFACTURER/MODEL
	WEATHERMATIC 11000 SERIES
	QUICK COUPLER
	PVC BALL VALVE
BF5	EXISTING BACKFLOW 1-1/2"
BF1	EXISTING BACKFLOW 1"
D	6 STATION LEIT CONTROLLER
E	4 STATION LEIT CONTROLLER
A	EXISTING CONTROLLER 1
B	EXISTING CONTROLLER 2
C	EXISTING CONTROLLER 3
M1	WATER METER 1-1/2"
M2	WATER METER 1-1/2"
M3	WATER METER 1-1/2"
M4	WATER METER 1-1/2"
M5	WATER METER 1"
M6	WATER METER 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

PVC CLASS 200 PIPE SIZE CHART:

0-10 GPM - ¾"	17-26 GPM - 1¼"
11-16 GPM - 1"	27-34 GPM - 1½"

PVC SCHEDULE 40 PIPE SIZE CHART:

0-7 GPM - ¾"	13-22 GPM - 1¼"
8-12 GPM - 1"	23-30 GPM - 1½"

REGISTERED LANDSCAPE ARCHITECT
KENDALL HANCEY
3366
STATE OF TEXAS
01/02/2019

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

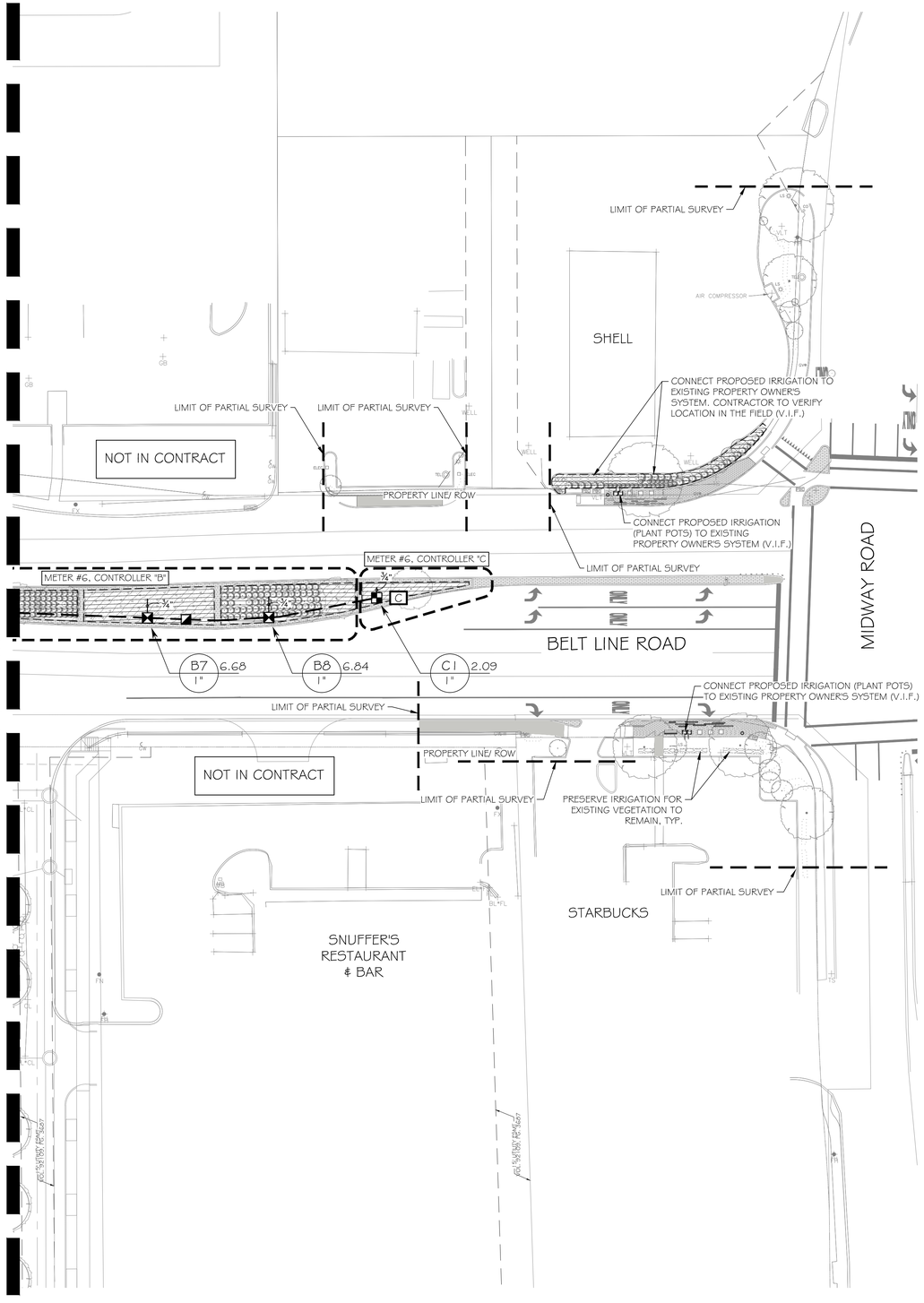
0 15 30 60 90
GRAPHIC SCALE IN FEET

IRRIGATION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KJH	KJH	JAN 2020	AS SHOWN			L4.07

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



1 IRRIGATION PLAN
1" = 30'-0"

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
5P Q, 5A T, 5B H, 5D TT, 5H TQ, 5F F	TORO 570Z-4P-XF 5 SERIES
8P Q, 8A T, 8B H, 8D TT, 8H TQ, 8F F	TORO 570Z-4P-XF 8 SERIES
10P Q, 10A T, 10B H, 10D TT, 10H TQ, 10F F	TORO 570Z-4P-XF 10 SERIES
12P Q, 12A T, 12B H, 12D TT, 12H TQ, 12F F	TORO 570Z-4P-XF 12 SERIES

SYMBOL	MANUFACTURER/MODEL
	NETAFIM LVCZ58010075-HF
	NETAFIM LVCZ58010075-LF
	AREA TO RECEIVE DRIPLINE NETAFIM TLCV-06-12

SYMBOL	MANUFACTURER/MODEL
	WEATHERMATIC 11000 SERIES
	QUICK COUPLER
	PVC BALL VALVE
BF5	EXISTING BACKFLOW 1-1/2"
BF1	EXISTING BACKFLOW 1"
D	6 STATION LEIT CONTROLLER
E	4 STATION LEIT CONTROLLER
A	EXISTING CONTROLLER 1
B	EXISTING CONTROLLER 2
C	EXISTING CONTROLLER 3
M1	WATER METER 1-1/2"
M2	WATER METER 1-1/2"
M3	WATER METER 1-1/2"
M4	WATER METER 1-1/2"
M5	WATER METER 1"
M6	WATER METER 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

PVC CLASS 200 PIPE SIZE CHART:

0-10 GPM - ¾"	17-26 GPM - 1¼"
11-16 GPM - 1"	27-34 GPM - 1½"

PVC SCHEDULE 40 PIPE SIZE CHART:

0-7 GPM - ¾"	13-22 GPM - 1¼"
8-12 GPM - 1"	23-30 GPM - 1½"

REGISTERED LANDSCAPE ARCHITECT
KENDALL HANCEY
3366
STATE OF TEXAS

01/02/2019

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

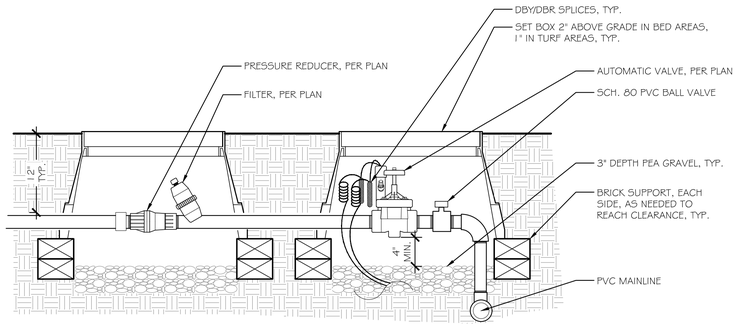
0 15 30 60 90
GRAPHIC SCALE IN FEET

IRRIGATION PLAN
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KJH	KJH	JAN 2020	AS SHOWN			L4.08

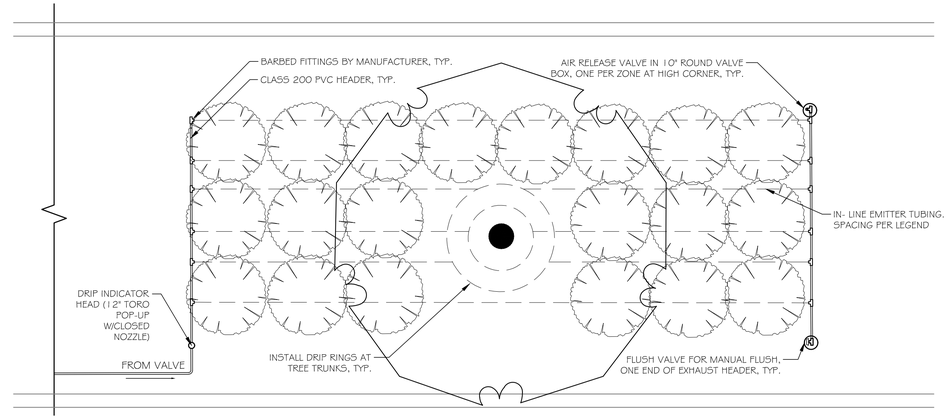
PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS



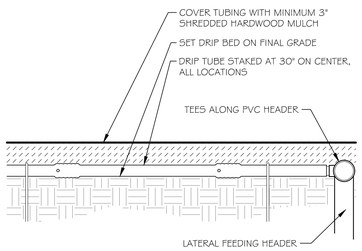
1 DRIP ZONE ASSEMBLY

1 1/2" = 1'-0"



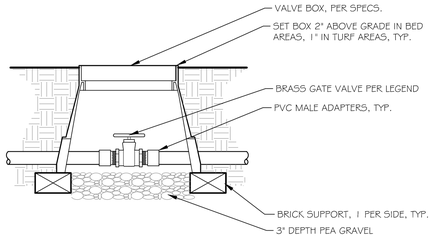
2 DRIP ZONE TYPICAL ENLARGEMENT

3/8" = 1'-0"



3 DRIP TUBE INSTALLATION - AT GRADE

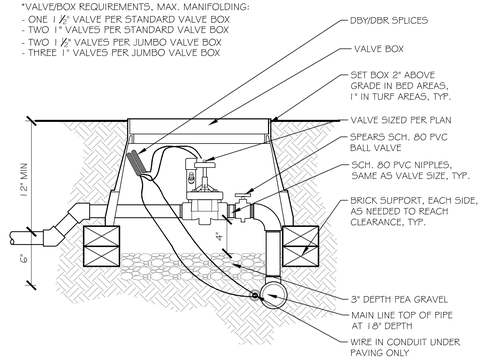
3" = 1'-0"



4 BRASS GATE (ISOLATION) VALVE

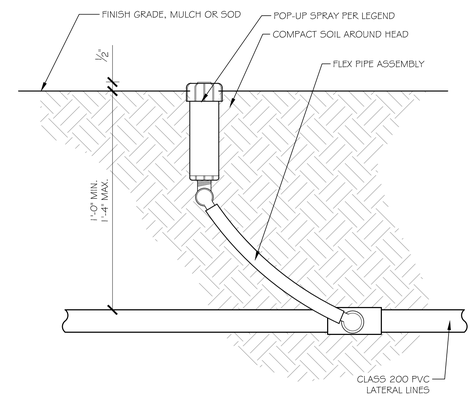
1 1/2" = 1'-0"

*VALVE/BOX REQUIREMENTS, MAX. MANIFOLDING:
- ONE 1 1/2" VALVE PER STANDARD VALVE BOX
- TWO 1" VALVES PER STANDARD VALVE BOX
- TWO 1 1/2" VALVES PER JUMBO VALVE BOX
- THREE 1" VALVES PER JUMBO VALVE BOX



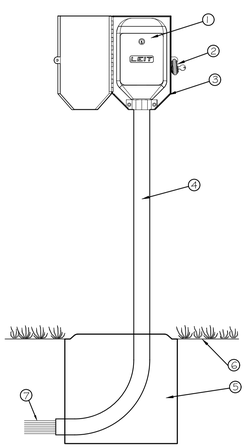
5 AUTOMATIC SYSTEM VALVE

1 1/2" = 1'-0"



6 SPRAY HEAD

3" = 1'-0"

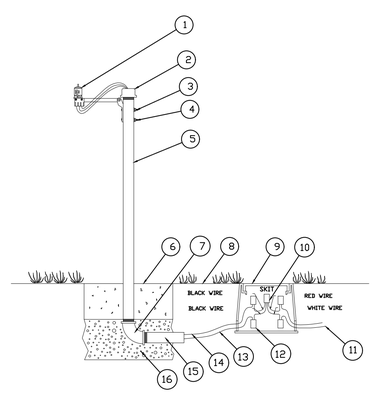


1. LEIT CONTROLLER MODEL X AND XRC
2. HIGH SECURITY STAINLESS STEEL DISC-LOCK MODEL 30-405
3. HEAVY-DUTY STAINLESS STEEL ENCLOSURE WITH LIGHT ACCESS THROUGH GRID ON TOP AND INTERNAL CLAMP TO SECURE COLUMN MOUNTING MODEL ENCL X
4. GALVANIZED STEEL MOUNTING COLUMN FOR LEIT XRC
   a. MODEL MCOLXL 51" LONG
5. 12" X 18" CONCRETE BASE USING 90 Lb. BAG OF CONCRETE
6. FINISH GRADE
7. DIRECT BURIAL CONTROL WIRES TO CONTROL VALVES.

NOTE: CONTRACTOR SHALL PROVIDE OWNER WITH ONE (1) REMOTE HANDHELD CONTROL FOR FIELD OPERATION OF CONTROLLER

7 LEIT XRC SOLAR CONTROLLER

NTS



1. RAIN SENSOR PER SCHEDULE
2. DIG PLASTIC PIPE CAP 1" CAP PART No. 23-001 or 1.5" CAP PART No. 23-053 WITH HOLE FOR WIRES.
3. DRILL TWO 3/16 HOLES IN PIPE FOR SENSOR BRACKET.
4. (2) #8-32 MACHINE SCREWS WITH WASHER, LOCK WASHER AND NUT.
5. 1" or 1.5" GALVANIZED PIPE 6 to 10 FEET HIGH.
6. 12" X 12" CONCRETE BASE 8" DEEP MINIMUM.
7. 1" or 1.5" PIPE ELBOW.
8. FINISH GRADE.
9. 6" ROUND VALVE BOX.
10. SKIT ADAPTER PART NO. 8821-4 USE WITH EACH SENSOR.
11. TO CONTROLLER OR VALVE.
12. (4) DRY SPLICE CONNECTORS.
13. NORMALLY CLOSED WIRE FROM SENSOR.
14. COMMON WIRE FROM SENSOR.
15. 1" or 1.5" NIPPLE.
16. GRAVEL.

8 RAIN SENSOR ASSEMBLY

NTS

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

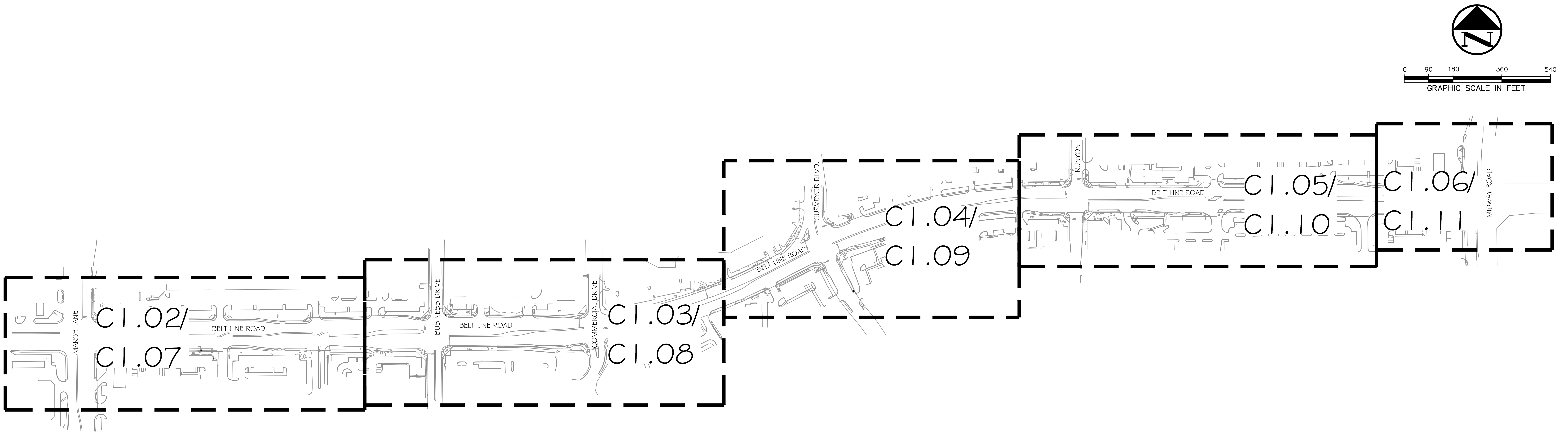
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

IRRIGATION DETAILS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

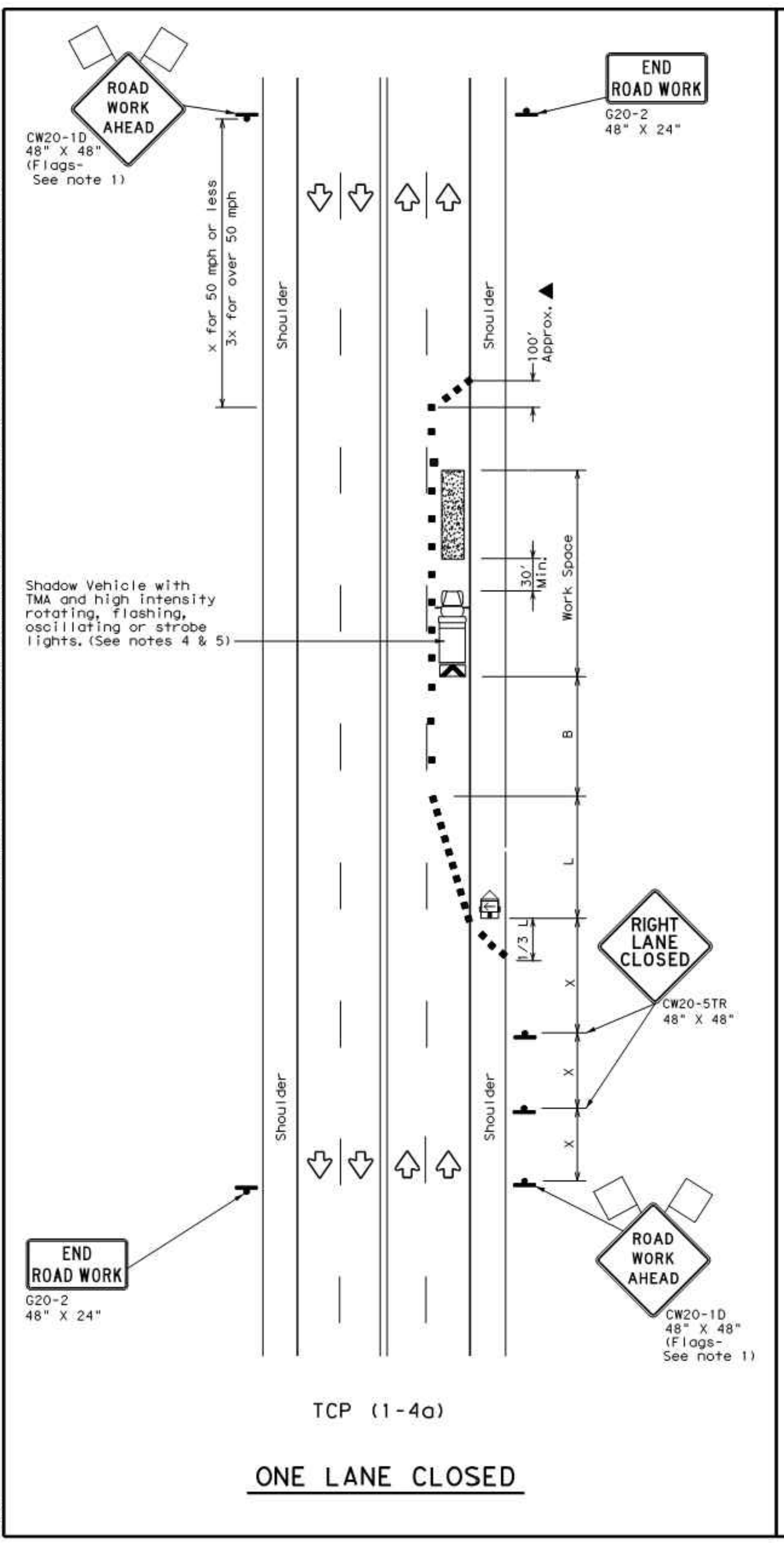
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
AMD	AMW	JAN 2020	AS SHOWN			L4.09

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

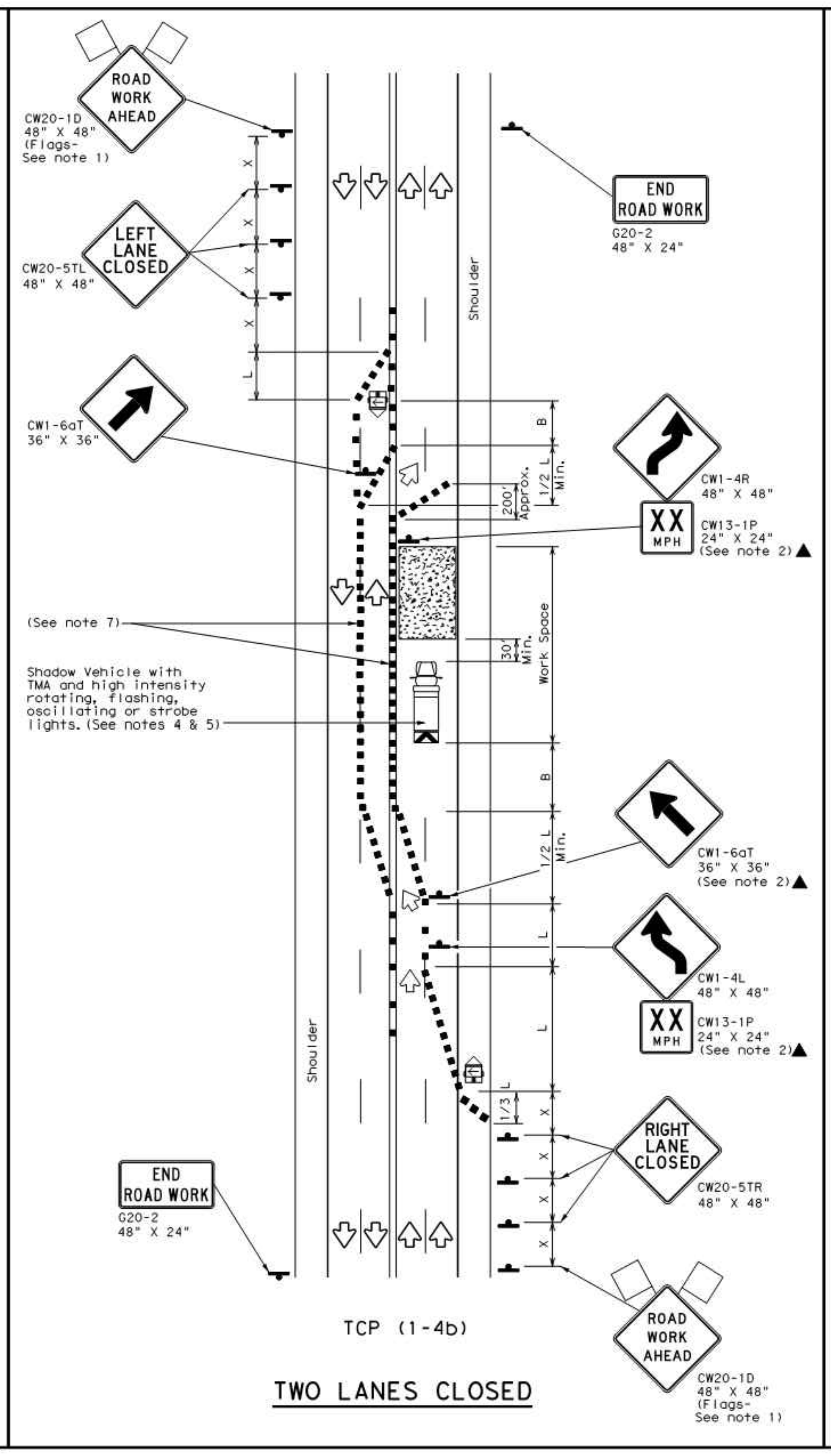


DISCLAIMER:
The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.



TCP (1-4a)

ONE LANE CLOSED



TCP (1-4b)

TWO LANES CLOSED

LEGEND			
▨	Type 3 Barricade	■ ■	Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board	M	Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths **			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L=WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓		

GENERAL NOTES

1. Flags attached to signs where shown are REQUIRED.
2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
3. The CW20-1D "ROAD WORK AHEAD" sign may be repeated if the visibility of the work zone is less than 1500 feet.
4. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
5. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.

TCP (1-4a)

6. If this TCP is used for a left lane closure, CW20-5TL "LEFT LANE CLOSED" signs shall be used and channelizing devices shall be placed on the centerline where needed to protect the work space from opposing traffic with the arrow panel placed in the closed lane near the end of the merging taper.

TCP (1-4b)

7. Where traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be spaced on tapers at 20' or 15' if posted speeds are 35 mph or slower, and for tangent sections, at 1/2S where S is the speed in mph. This tighter device spacing is intended for the areas of conflicting markings, not the entire work zone.

Texas Department of Transportation
Traffic Operations Division Standard

TRAFFIC CONTROL PLAN
LANE CLOSURES ON MULTILANE
CONVENTIONAL ROADS

TCP(1-4)-18

FILE: tcp1-4-18.dgn	DN:	CK:	DW:	CK:
©TxDOT December 1985	CONT	SECT	JOB	HIGHWAY
REVISIONS 2-94 4-98 8-95 2-12 1-97 2-18	DIST	COUNTY		SHEET NO.

154

DATE:
FILE:

GENERAL NOTES

1. ALL WORK, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ISSUED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS AND THE CITY OF ADDISON STANDARD CONSTRUCTION SPECIFICATIONS.
2. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL BE FAMILIAR WITH THE PLANS, ALL NOTES, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ISSUED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS, THE CITY STANDARDS FOR CONSTRUCTION, AND ANY OTHER APPLICABLE STANDARDS AND SPECIFICATIONS RELEVANT TO THE PROPER COMPLETION OF THE WORK SPECIFIED. FAILURE ON THE PART OF THE CONTRACTOR TO BE FAMILIAR WITH ALL STANDARDS AND SPECIFICATIONS PERTAINING TO THIS WORK SHALL IN NO WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY OF PERFORMING THE WORK IN ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
3. THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SUBSURFACE UTILITIES HAVE BEEN DETERMINED FROM DATA RECORDED BY OTHERS. CONTRACTOR SHALL VERIFY THAT NECESSARY CROSSING CLEARANCES BETWEEN EXISTING AND PROPOSED UTILITIES EXIST PRIOR TO CONSTRUCTION OF ANY SUCH CROSSINGS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR TO VERIFY SIZE AND LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
4. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL MANHOLES, CLEANOUTS, VALVE BOXES, AND FIRE HYDRANTS, ETC.. CONTRACTOR TO ADJUST TO PROPER LINE AND GRADE PRIOR TO AND AFTER THE PLACING OF PERMANENT PAVING AND GRADING. UTILITIES MUST BE MAINTAINED TO PROPER LINE AND GRADE DURING THE CONSTRUCTION OF THE PAVING FOR THIS DEVELOPMENT.
5.
   - 5.1. PROTECT AND MAINTAIN ROADWAY TRAFFIC THROUGHOUT THE PROJECT, PROVIDING A MINIMUM OF ONE (1) LANE OPEN IN EACH DIRECTION;
   - 5.2. PROVIDE AND MAINTAIN INTERIM ACCESS FROM ROADWAYS CURRENTLY IN USE TO ALL DRIVEWAYS AND INTERSECTING STREETS OR ALLEYS;
   - 5.3. MAINTAIN NORMAL PROJECT DRAINAGE UNTIL NEW DRAINAGE FACILITIES ARE FUNCTIONAL, INCLUDING, WHERE NECESSARY, INTERIM REPLACEMENT OF EXISTING DRAINAGE STRUCTURES REMOVED FOR CONSTRUCTION OF NEW DRAINAGE FACILITIES;
   - 5.4. MAINTAIN ALL WORK AND MATERIAL STORAGE AREAS IN ORDERLY CONDITION, FREE OF DEBRIS AND WASTE. ON COMPLETION OF CONSTRUCTION, CLEAN UP THE PROJECT AND ADJACENT AFFECTED AREAS TO ACCEPTABLE CONDITION, ALL AS PROVIDED IN THE GENERAL CONDITIONS.
6. PRIOR TO COMMENCEMENT OF CONSTRUCTION, BONDS AND THREE-WAY CONTRACTS SHALL BE SUBMITTED TO THE CITY AS REQUIRED.
7. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING TRENCH SAFETY.
8. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
9. REFER TO ARCHITECTURAL PLANS FOR DETAILED BUILDING ENTRANCE LAYOUTS, RAMPS, LANDSCAPE, AND SIDEWALKS.
10. BARRICADING AND PROJECT SIGNS SHALL CONFORM TO TEXAS DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND LATEST UPDATES.
11. EXACT SAWCUT PAVEMENT REMOVAL AND REPLACEMENT LIMITS WITHIN THE PUBLIC RIGHT-OF-WAY IS TO BE IN ACCORDANCE WITH THE CITY PAVEMENT REPAIR MANUAL AND INCLUDED IN THE BASE BID.

KEVIN C. MINKLER
124843
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

NO.	DATE	ISSUE
C	12/09/2019	90% CONSTRUCTION DOCUMENTS
B	07/30/2019	DESIGN DEVELOPMENT
A	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

TRAFFIC CONTROL PLAN AND GENERAL NOTES
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

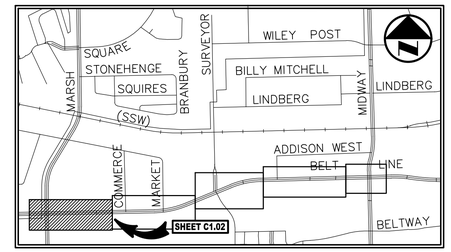
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=180'			C1.01

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:34 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG

PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

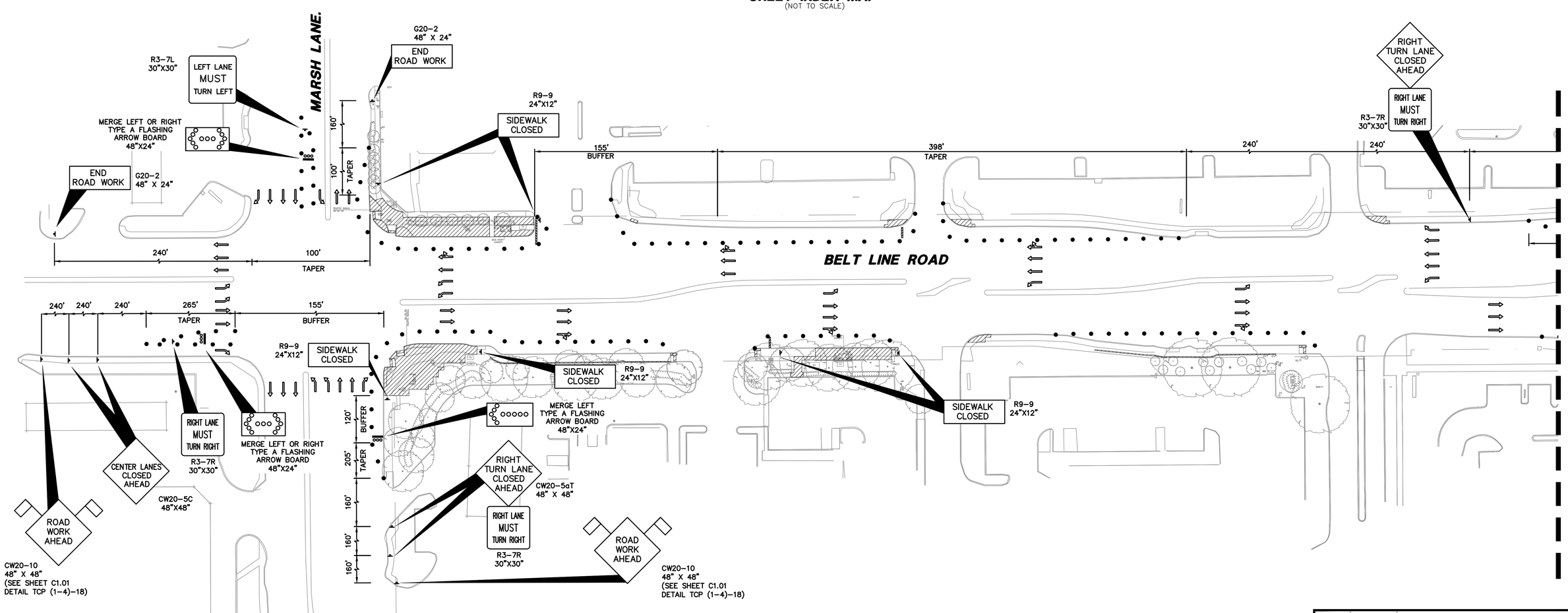
BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
JXL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
X	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

N

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

TRAFFIC CONTROL PLAN PHASE 1

BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

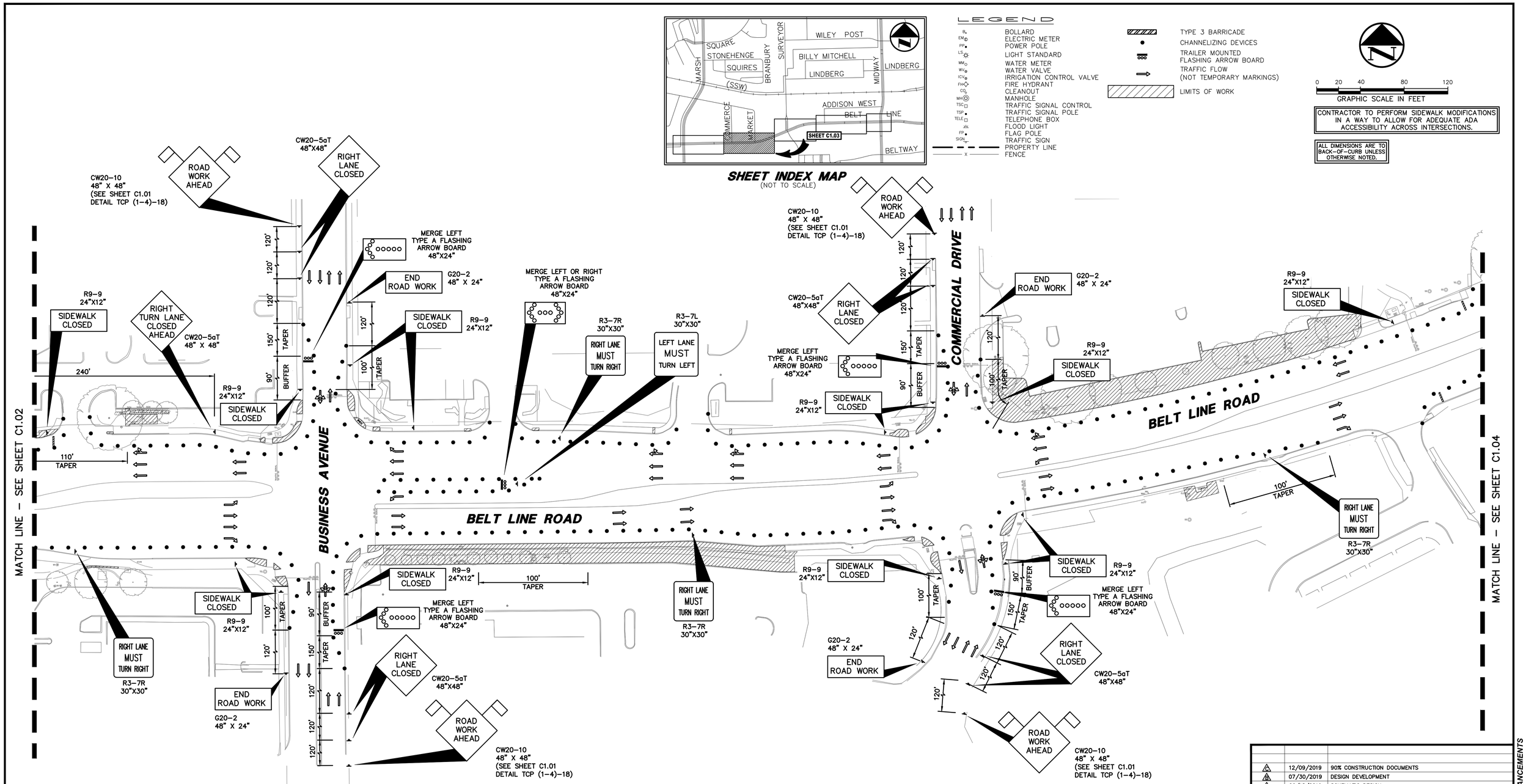
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.02

PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

REFOSTER
12/30/2019 8:34 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
X	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

N

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.

NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

TRAFFIC CONTROL PLAN PHASE 1

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.03

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

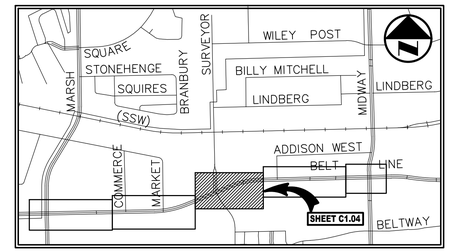
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267–19.152

PK–4267–19.152_TRAFF.DWG

RFOSTER
12/30/2019 8:34 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

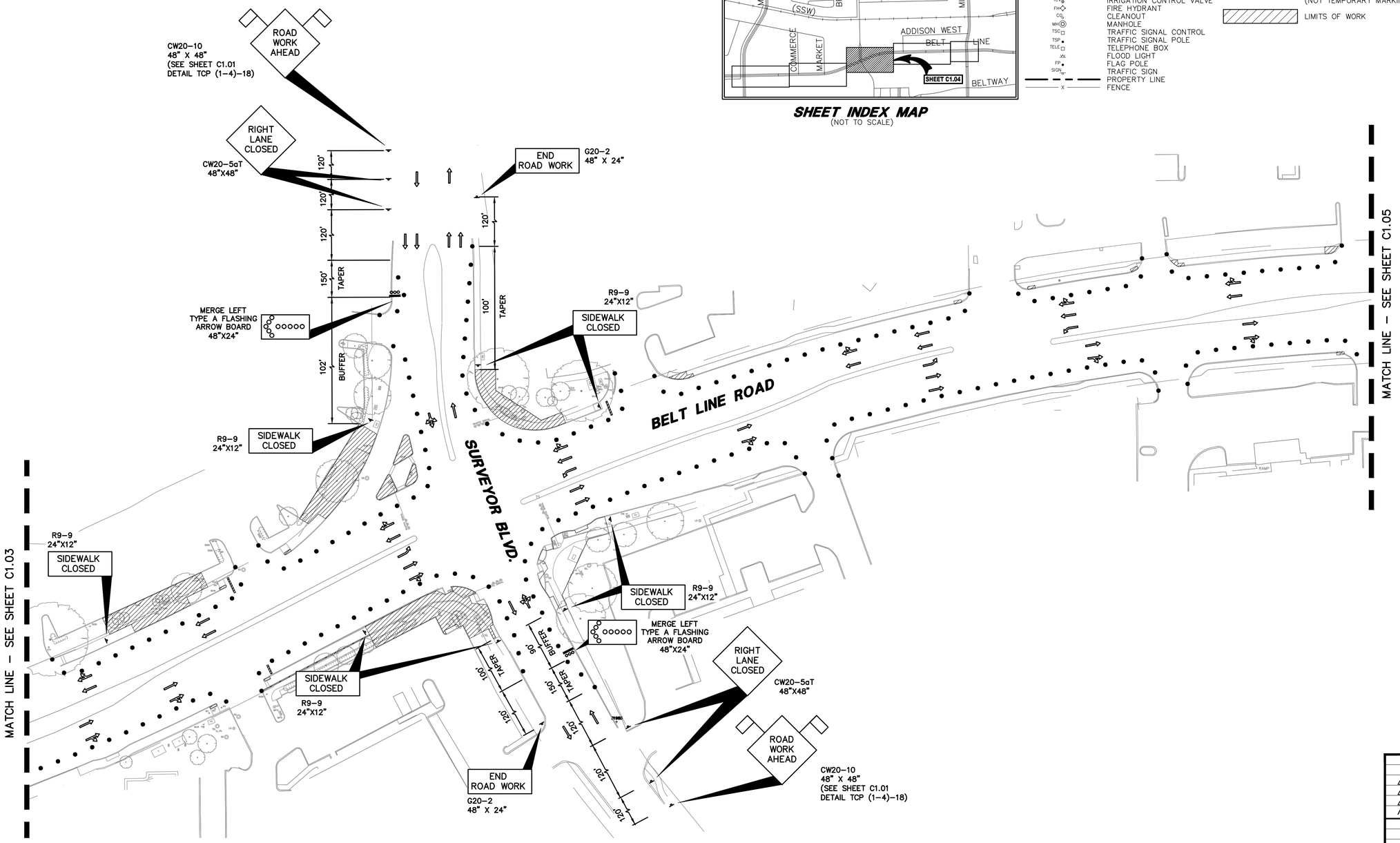
LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
X	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.



NO.	DATE	ISSUE
4	12/09/2019	90% CONSTRUCTION DOCUMENTS
3	07/30/2019	DESIGN DEVELOPMENT
2	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

TRAFFIC CONTROL PLAN PHASE 1

BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

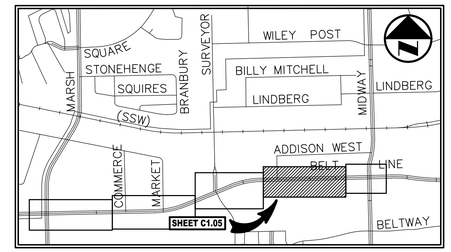
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.04

PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:34 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

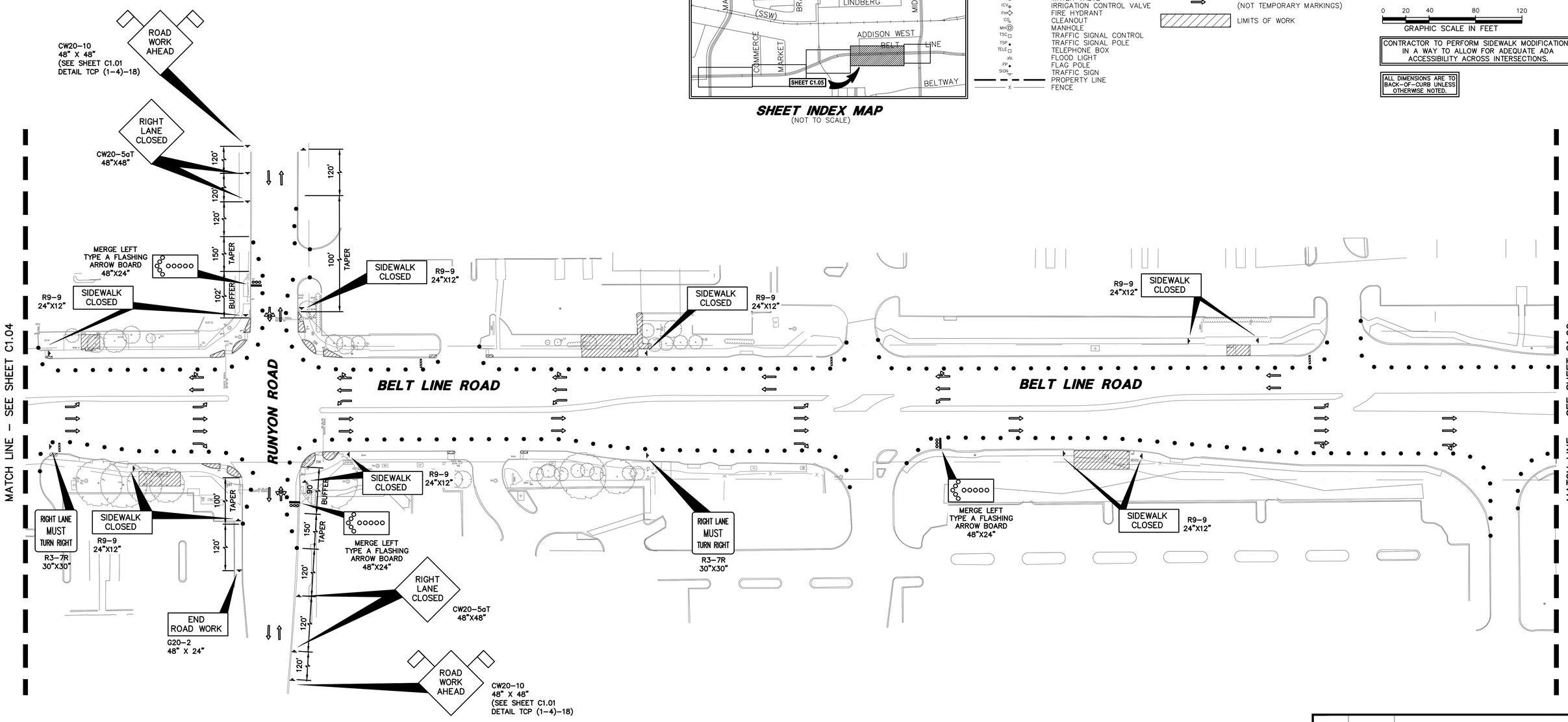
LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
x	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

TRAFFIC CONTROL PLAN PHASE 1

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

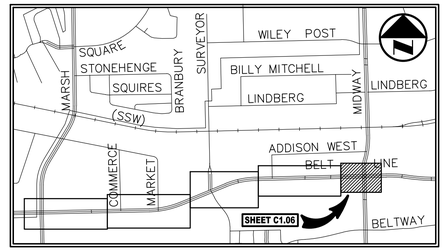
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.05

PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

REGISTER
12/30/2019 8:34 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

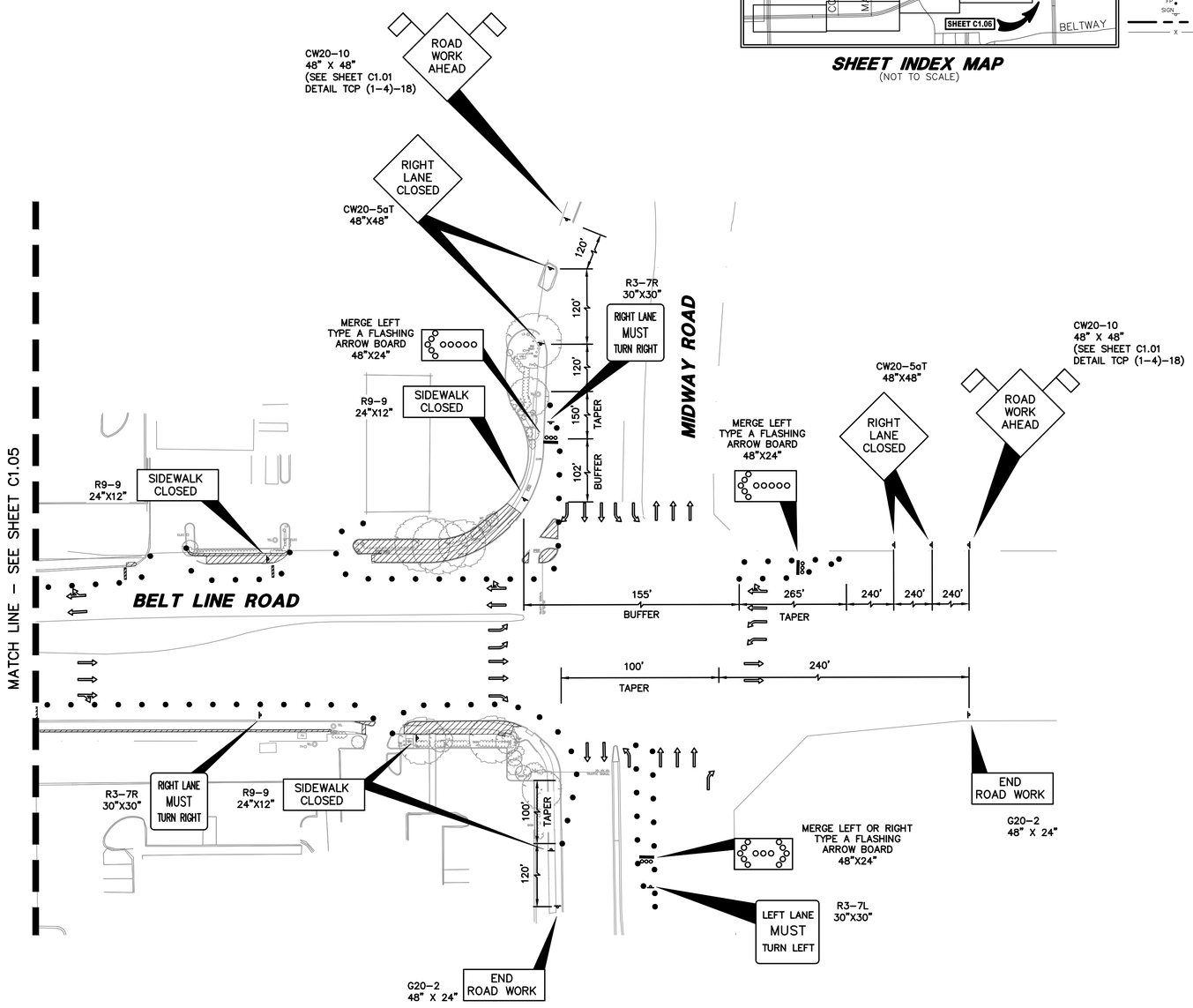
LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
JL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
X	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

TRAFFIC CONTROL PLAN PHASE 1

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

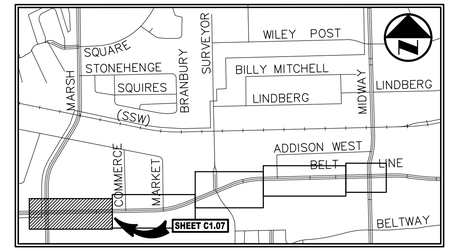
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.06

PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:34 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

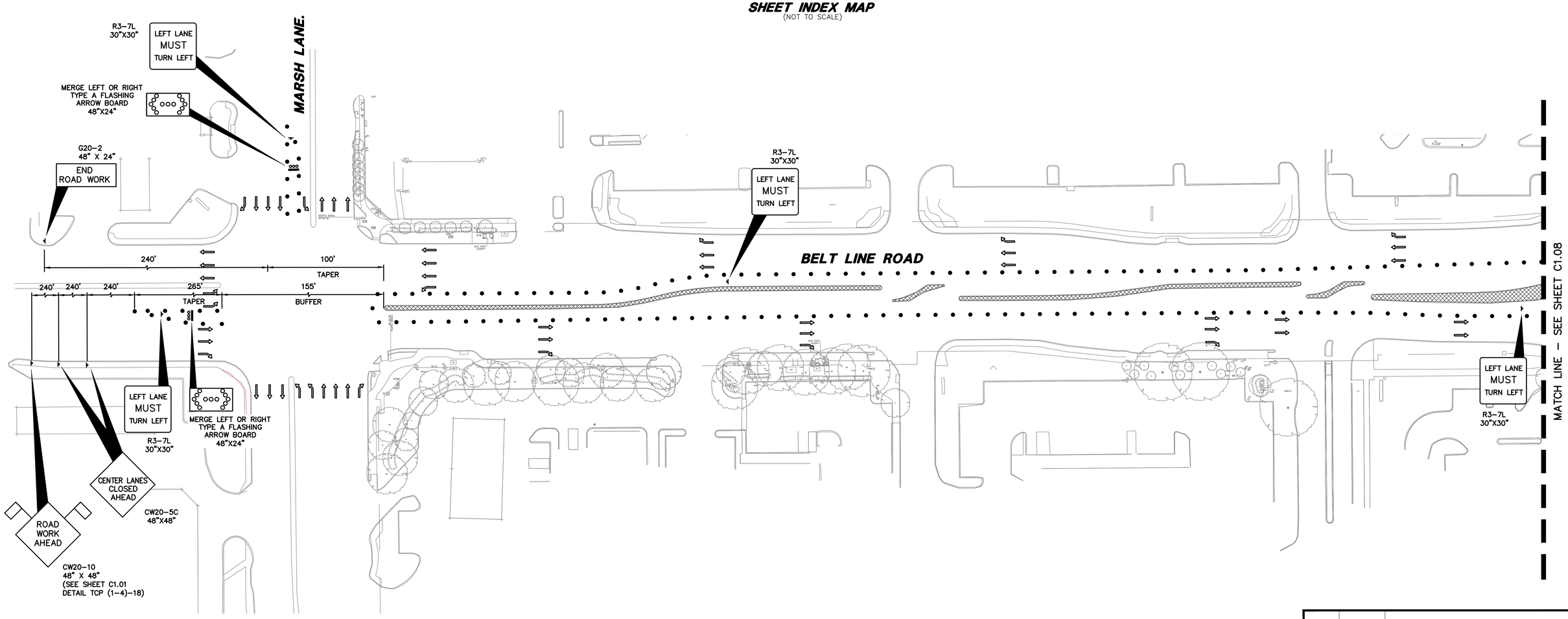
BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
x	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

N

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

TRAFFIC CONTROL PLAN PHASE 2

BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

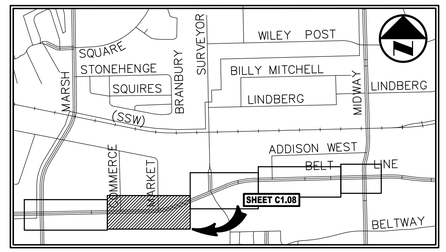
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.07

PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:34 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

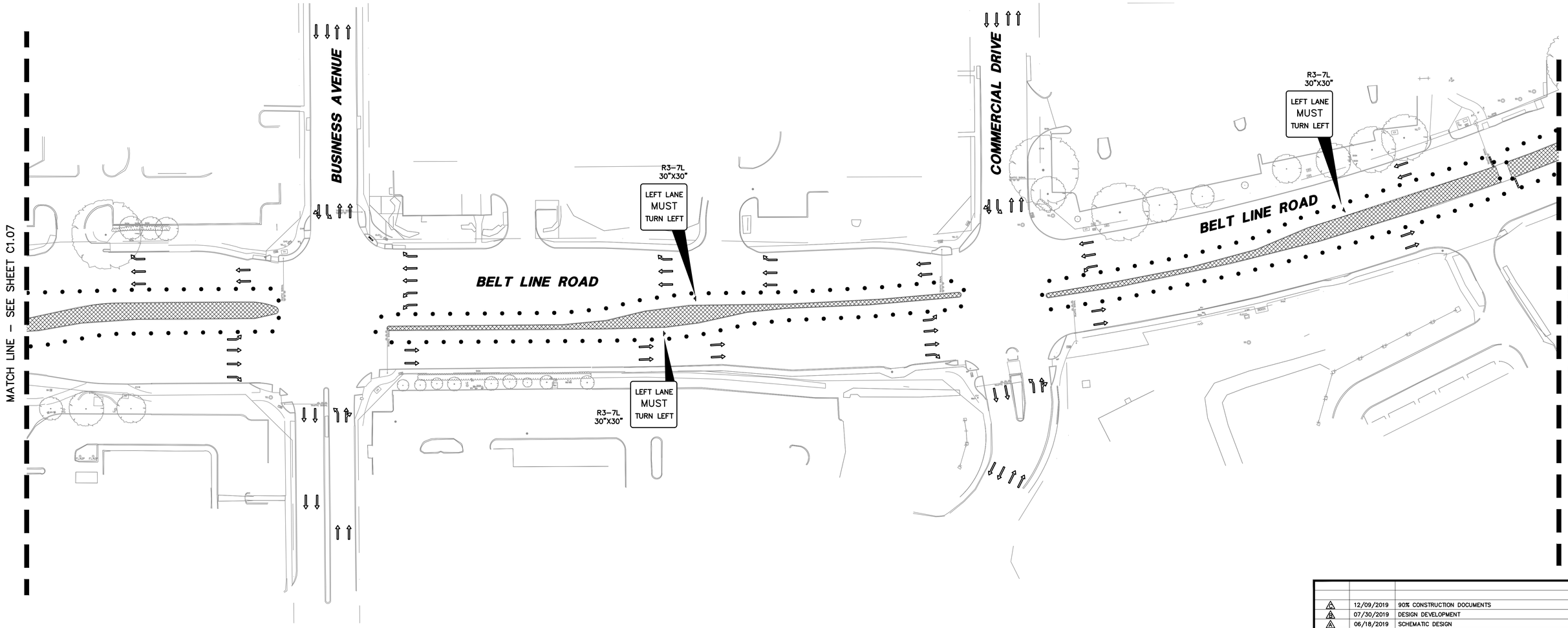
BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
x	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

N

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

TRAFFIC CONTROL PLAN PHASE 2

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

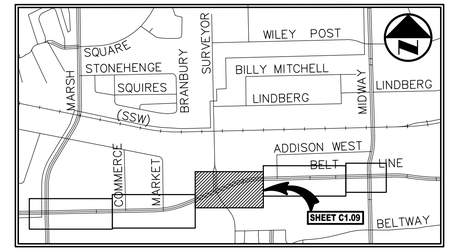
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.08

PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:34 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

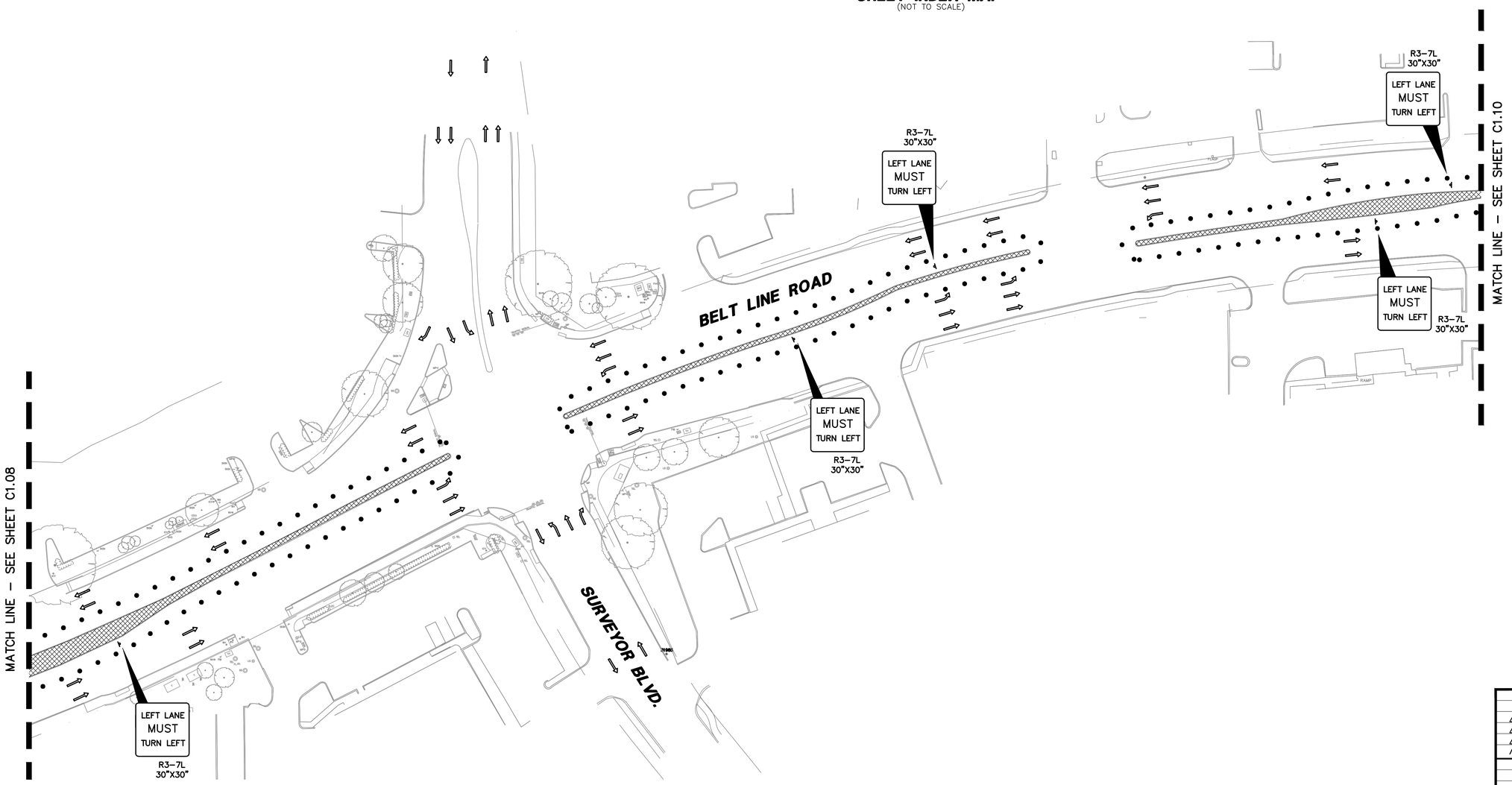
BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
x	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

N

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

TRAFFIC CONTROL PLAN PHASE 2

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

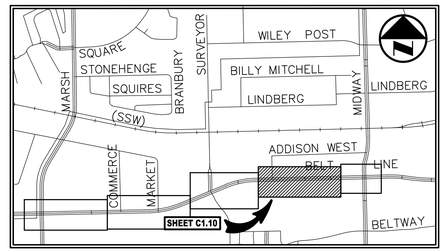
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.09

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:34 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG

PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

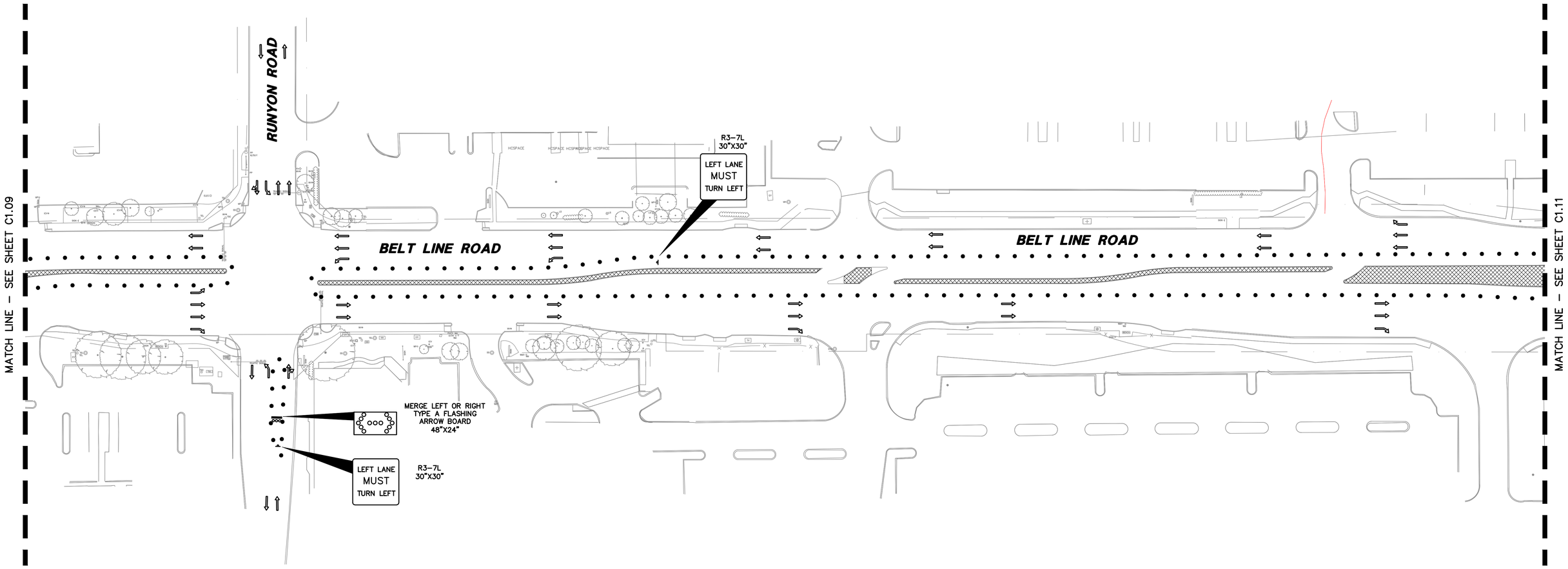
LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
JXL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
x	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

TRAFFIC CONTROL PLAN PHASE 2

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

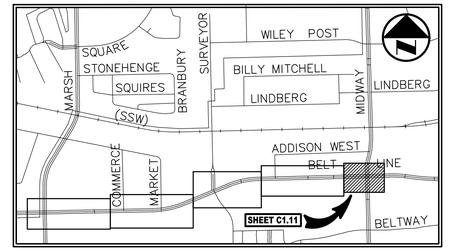
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.10

PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

REGISTER
12/30/2019 8:35 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG



SHEET INDEX MAP
(NOT TO SCALE)

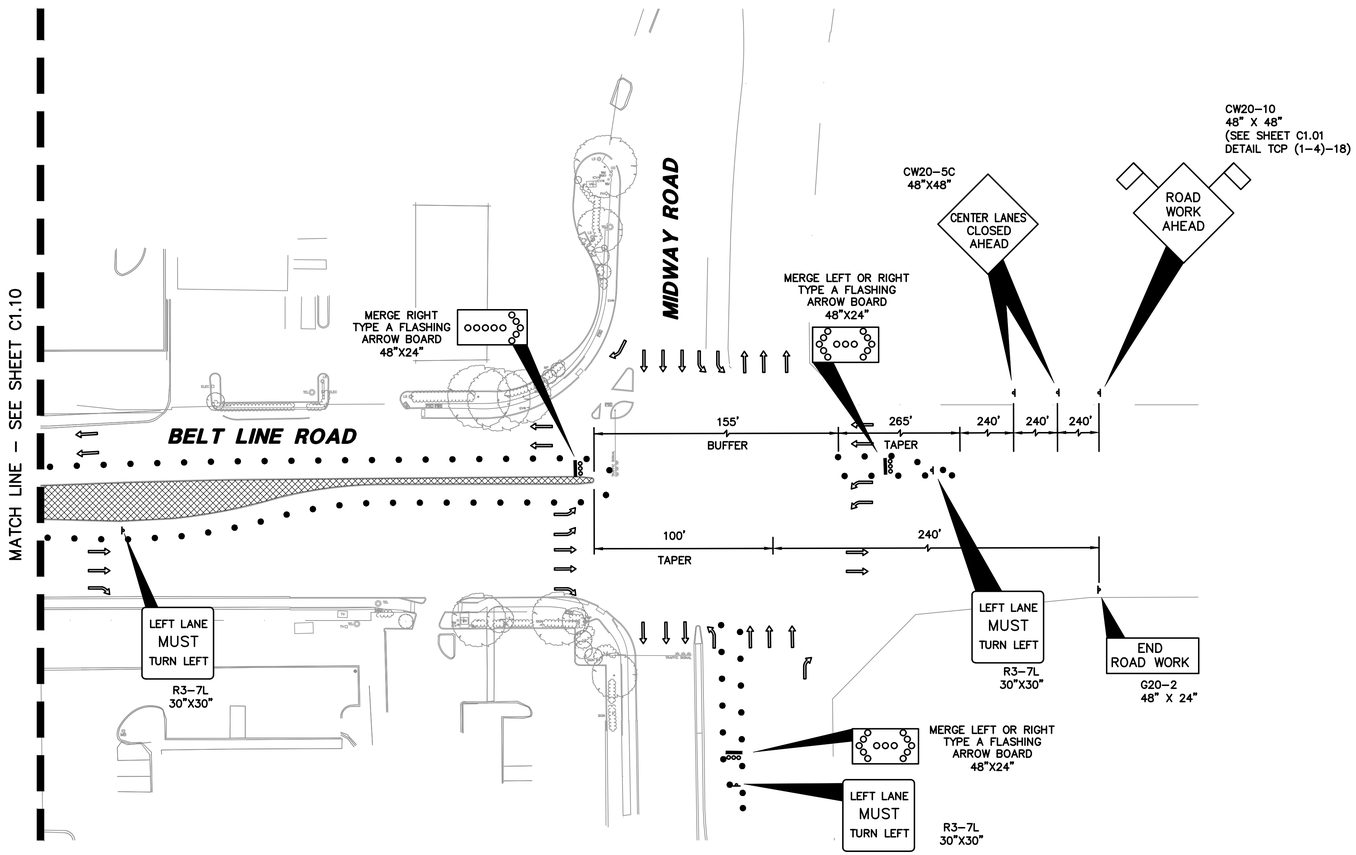
LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
x	FENCE
	TYPE 3 BARRICADE
	CHANNELIZING DEVICES
	TRAILER MOUNTED FLASHING ARROW BOARD
	TRAFFIC FLOW (NOT TEMPORARY MARKINGS)
	LIMITS OF WORK

0 20 40 80 120
GRAPHIC SCALE IN FEET

CONTRACTOR TO PERFORM SIDEWALK MODIFICATIONS IN A WAY TO ALLOW FOR ADEQUATE ADA ACCESSIBILITY ACROSS INTERSECTIONS.

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

TRAFFIC CONTROL PLAN PHASE 2

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

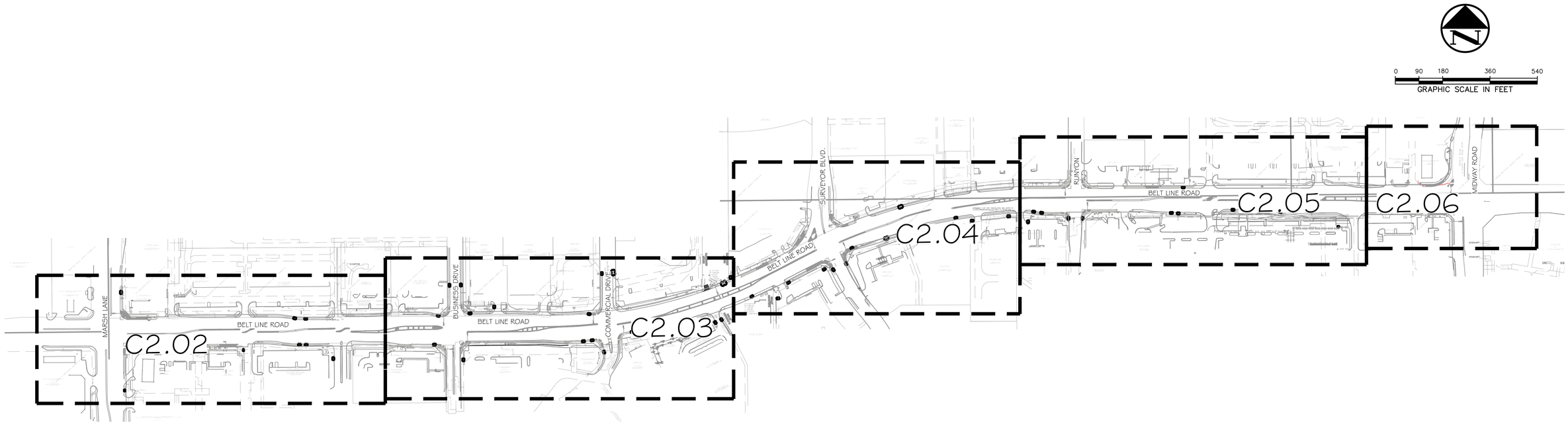
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C1.11

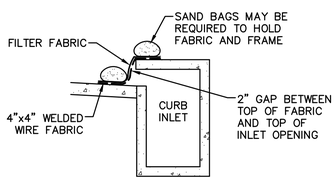
PK FILE: 4267-19.152

PK-4267-19.152_TRAFF.DWG

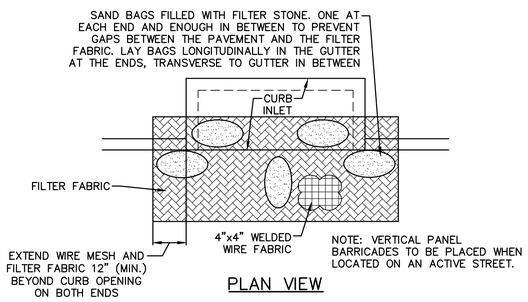
BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

REFOSTER
12/30/2019 8:35 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_TRAFF.DWG





CROSS SECTION



PLAN VIEW

1 CURB INLET PROTECTION

NOT TO SCALE

POLLUTION CONTROL GENERAL NOTES

1. THIS PLAN HAS BEEN PREPARED TO PROVIDE MEANS TO PREVENT OR MINIMIZE POLLUTION OF STORM WATER.
2. THE CONSTRUCTION ACTIVITY INCLUDED IN THIS PLAN WILL INCLUDE:
   - 2.A. CLEARING AND GRUBBING
   - 2.B. ROUGH GRADING
   - 2.C. FINAL GRADING
   - 2.D. UTILITY INSTALLATION
   - 2.E. PAVEMENT INSTALLATION
   - 2.F. BUILDING CONSTRUCTION
3. THE TOTAL ESTIMATED LAND AREA TO BE DISTURBED IS 1.58 ACRES.
4. THE ESTIMATED RUNOFF COEFFICIENT UPON COMPLETION OF THE PROJECT IS 0.9.
5. THE STORM WATER EXITING THE SITE IS COLLECTED IN AN EXISTING DRAINAGE SYSTEM MAINTAINED BY THE CITY OF ADDISON, TEXAS.
6. THE SOILS ON THE SITE ARE GENERALLY EXPANSIVE CLAYS.
7. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION PROTECTION AROUND THE WORK AREA PERIMETER AND AT ALL INLET MOUTHS PRIOR TO COMMENCING WORK AND UNTIL THE WORK AREA HAS BEEN STABILIZED.
8. THE CONTRACTOR WILL REMOVE ALL EXCESS SOIL FROM CONSTRUCTION VEHICLES PRIOR TO EXITING THE SITE.
9. ALL DISTURBED AREAS WHICH WILL NOT BE RE-DISTURBED MUST BEGIN BEING STABILIZED IMMEDIATELY BY THE CONTRACTOR TO CONTROL EROSION. THE CONTRACTOR HAS 14 DAYS TO HAVE ALL STABILIZATION AND EROSION CONTROL DEVICES IN PLACE.
10. THE CONTRACTOR SHALL UNDERTAKE PROPER METHODS TO REDUCE DUST GENERATION FROM THE SITE.
11. THE CONTRACTOR MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS REGARDING SEDIMENT AND EROSION CONTROL.
12. A COPY OF THIS PLAN, AS PART OF THE SWPPP, MUST BE KEPT AT THE CONSTRUCTION FACILITY DURING THE ENTIRE CONSTRUCTION PERIOD.
13. CONSTRUCTION SEQUENCING MUST PROVIDE FOR THE EXCAVATION OF AN ON-SITE BASIN AS A SEDIMENT COLLECTION BASIN PRIOR TO THE DISTURBANCE OF GREATER THAN 10 ACRES OF LAND.
14. ALL FINISHED GRADES ARE TO BE HYDROMULCHED, SPOT SODDED OR SEEDED AND WATERED UNTIL GROWTH IS ESTABLISHED ON AND OFF-SITE.
15. A PIT OR WASH OUT BASIN SHALL BE CONSTRUCTED ON-SITE BY THE CONTRACTOR FOR THE "WASH OUT" OF CONCRETE TRUCKS.
16. A BERM OR OTHER SPILL PROTECTION MEASURE SHALL BE USED FOR ANY TEMPORARY FUEL STORAGE TANK ON-SITE.
17. IF "SUMP" PUMPS ARE USED TO REMOVE WATER FROM EXCAVATED AREAS, FILTER THE DISCHARGE TO REMOVE SEDIMENT AND OTHER POLLUTANTS BEFORE THE WATER LEAVES THE SITE.
18. TO PREVENT DAMAGE TO VEGETATION IN DOWNSTREAM WATER COURSES, LIMIT ANY PROPOSED LIME STABILIZATION OPERATIONS TO THAT WHICH CAN BE MIXED AND COMPACTED BY THE END OF EACH WORK DAY. GEOTEXTILE FABRIC IS NOT EFFECTIVE IN FILTERING LIME SINCE THE GRAIN SIZE IS SMALLER THAN THE OPENING IN THE FABRIC.
19. VEHICLE PARKING AREAS, STAGING AREAS, STOCKPILES, SPOILS, ETC. SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER QUALITY. OTHERWISE, COVERING OR ENCIRCLING THE AREAS WITH PROTECTIVE MEASURES SHALL BE NECESSARY.
20. STORE ALL TRASH AND BUILDING MATERIALS WASTE IN AN ENCLOSURE UNTIL IT CAN BE PROPERLY DISPOSED OF AT THE APPROPRIATE OFF-SITE FACILITIES.
21. TRACKING OF SEDIMENT OFF-SITE BY TRUCK TRAFFIC SHALL BE HANDLED THROUGH REGULAR CLEANING.
22. INSPECTIONS SHALL BE CONDUCTED BY THE PERMITEE ONCE EVERY TWO WEEKS AND WITHIN 24 HOURS AFTER STORM EVENT OF 0.5 INCHES OR MORE OR ONCE PER WEEK ON A SPECIFIC PRE-DEFINED DAY. THE INSPECTIONS WILL INCLUDE:
    - 22.A. DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN STABILIZED.
    - 22.B. AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
    - 22.C. STRUCTURAL CONTROL MEASURES.
    - 22.D. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.
    - 22.E. IDENTIFICATIONS OF MEASURES THAT NEED TO BE MAINTAINED, MODIFIED, OR ADDED TO CORRECT PROBLEMS.
23. CONTRACTOR SHALL MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS PRESENT ON THE SITE TO PRECIPITATION AND TO STORMWATER.
24. PERMANENTLY STABILIZE EXPOSED SOIL, WITHIN AND ADJACENT TO THE SITE, THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION ACTIVITIES.
25. CONTAIN ALL RUNOFF FROM MATERIAL USED IN SUBGRADE STABILIZATION.
26. MATERIAL STOCKPILES SHALL BE COVERED BY PLASTIC OR SURROUNDED BY EROSION CONTROL STRUCTURES TO CONTROL SEDIMENT RELEASES.
27. CONTRACTOR SHALL PROTECT SLOPES IN EXCESS OF 15% IN ORDER TO MINIMIZE EROSION OF SOILS AND THE DISTURBANCE OF SLOPES.
28. VEGETATION TO BE PRESERVED WHERE EVER POSSIBLE TO HELP REDUCE EROSION. WHERE VEGETATION MUST BE REMOVED, PRESERVE NATIVE TOPSOIL IN ALL AREAS POSSIBLE.
29. MINIMIZE SOIL COMPACTION IN AREAS INTENDED FOR POST CONSTRUCTION PERVIOUS SURFACE.

NO.	DATE	REVISION
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	ISSUE

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

EROSION CONTROL PLAN AND GENERAL NOTES

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

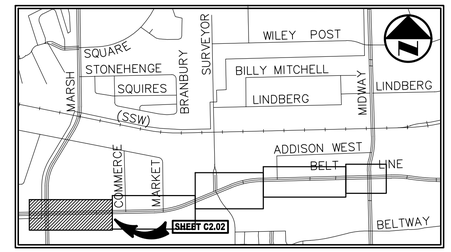
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=180'			C2.01

PK FILE: 4267-19.152

PK-4267-19.152_EROS.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:35 AM
M:\DWG-42\4267-19.152\DWG\CIVIL CSD 2018\4267-19.152_EROS.DWG



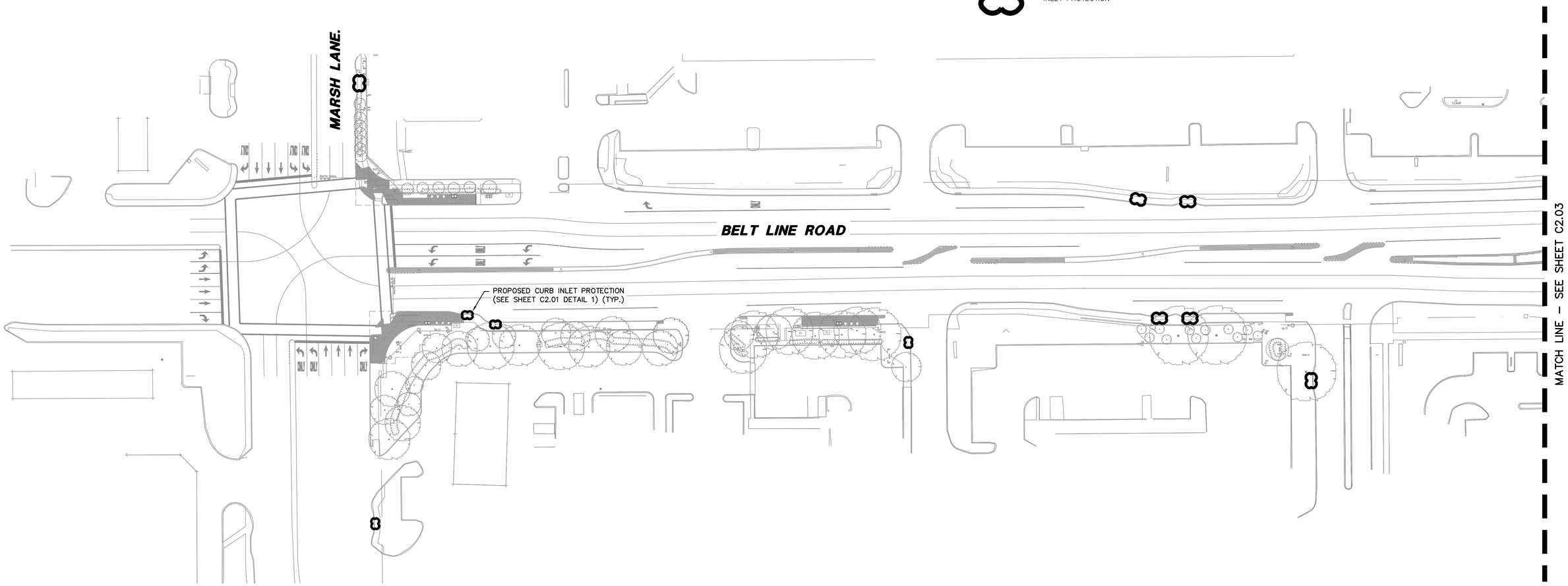
SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
JL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
X	FENCE
613	EXIST CONTOUR
450	PROPOSED CONTOUR
	INLET PROTECTION

N

0 20 40 80 120
GRAPHIC SCALE IN FEET



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

EROSION CONTROL PLAN

BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

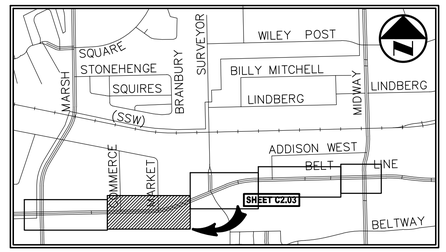
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C2.02

PK FILE: 4267-19.152

PK-4267-19.152_EROS.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:35 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_EROS.DWG



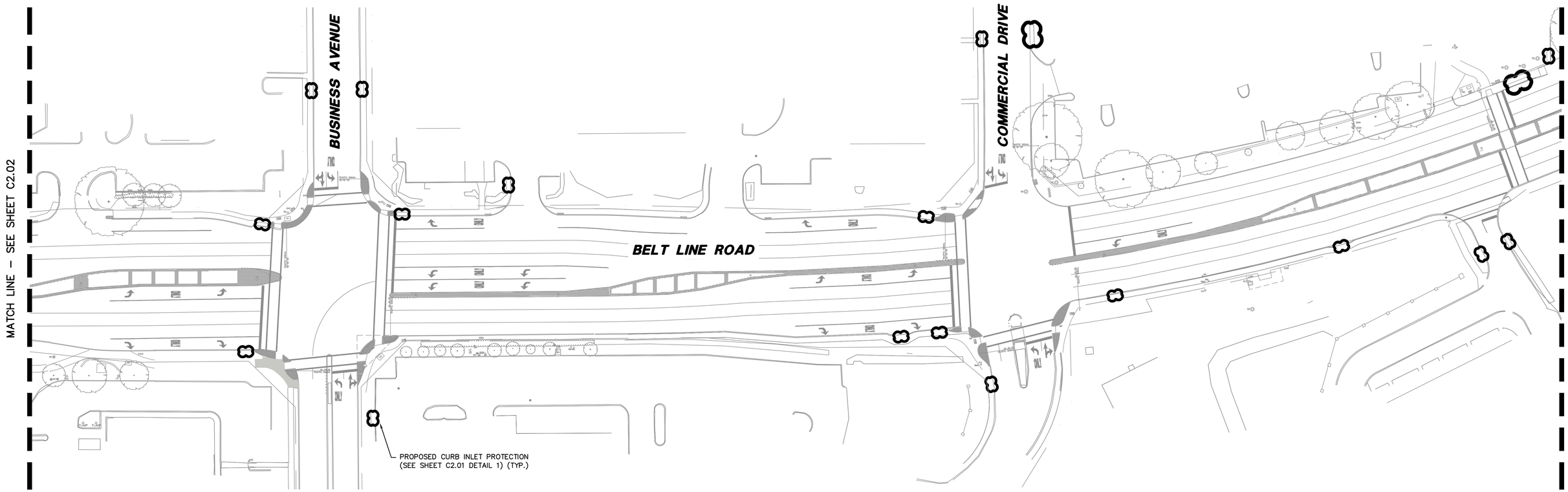
SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
JK	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
X	FENCE
613	EXIST CONTOUR
450	PROPOSED CONTOUR
	INLET PROTECTION

N

0 20 40 80 120
GRAPHIC SCALE IN FEET



NO.	DATE	ISSUE
C	12/09/2019	90% CONSTRUCTION DOCUMENTS
B	07/30/2019	DESIGN DEVELOPMENT
A	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

EROSION CONTROL PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

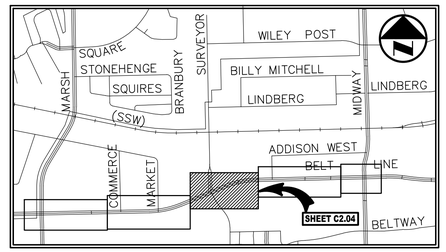
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C2.03

PK FILE: 4267-19.152

PK-4267-19.152_EROS.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:35 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_EROS.DWG



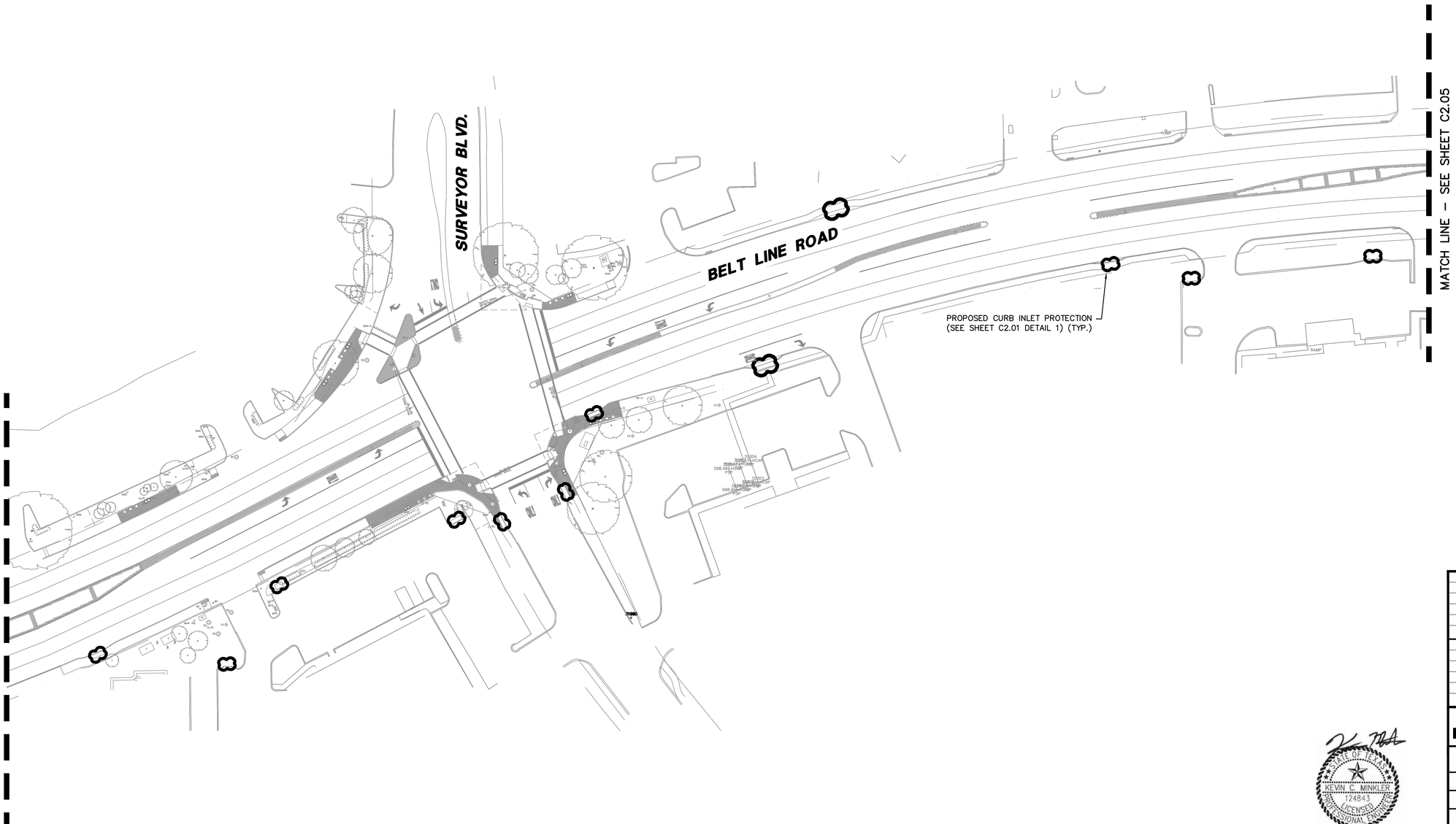
SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
JK	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
X	FENCE
613	EXIST CONTOUR
450	PROPOSED CONTOUR
	INLET PROTECTION

N

0 20 40 80 120
GRAPHIC SCALE IN FEET



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

EROSION CONTROL PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

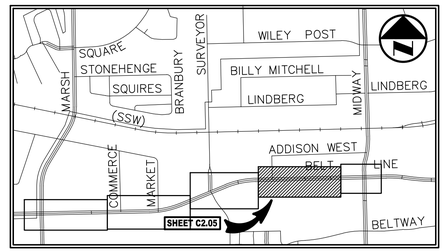
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C2.04

PK FILE: 4267-19.152

PK-4267-19.152_EROS.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:35 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_EROS.DWG



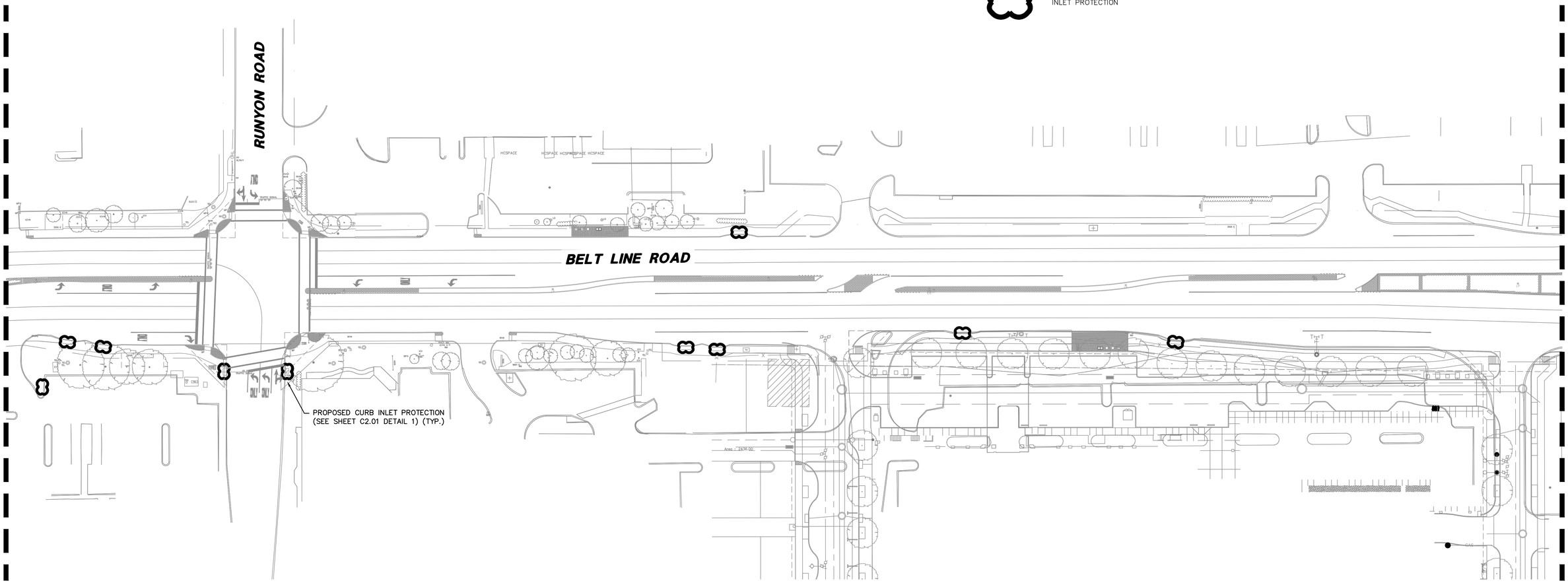
SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
JL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
X	FENCE
613	EXIST CONTOUR
450	PROPOSED CONTOUR
	INLET PROTECTION

0 20 40 80 120
GRAPHIC SCALE IN FEET

MATCH LINE – SEE SHEET C2.04



MATCH LINE – SEE SHEET C2.06

NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020 . ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

EROSION CONTROL PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

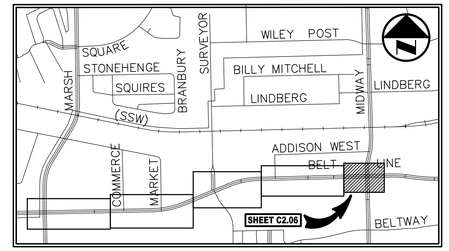
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C2.05

PK FILE: 4267-19.152

PK-4267-19.152_EROS.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

REFOSTER
12/30/2019 8:35 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_EROS.DWG

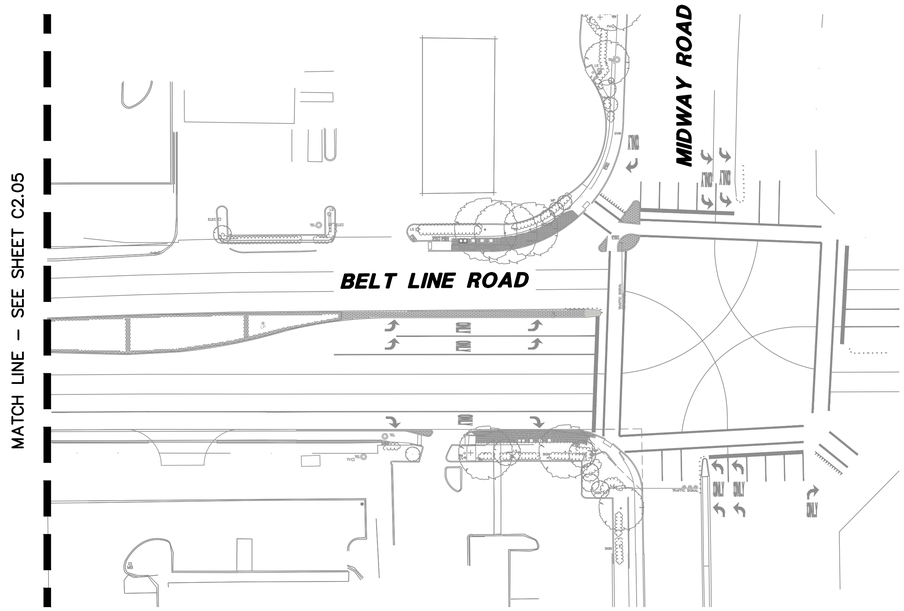


SHEET INDEX MAP
(NOT TO SCALE)

LEGEND

BL	BOLLARD
EM	ELECTRIC METER
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
ICV	IRRIGATION CONTROL VALVE
FH	FIRE HYDRANT
CO	CLEANOUT
MH	MANHOLE
TSC	TRAFFIC SIGNAL CONTROL
TSP	TRAFFIC SIGNAL POLE
TELE	TELEPHONE BOX
FL	FLOOD LIGHT
FP	FLAG POLE
SIGN	TRAFFIC SIGN
	PROPERTY LINE
X	FENCE
613	EXIST CONTOUR
450	PROPOSED CONTOUR
	INLET PROTECTION

0 20 40 80 120
GRAPHIC SCALE IN FEET



NO.	DATE	ISSUE
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
6100 WESTERN PLACE, SUITE 1001
FORT WORTH, TX 76107 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
01-02-20

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 01/02/2020. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

EROSION CONTROL PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
KCM	RDF	DEC 2019	1"=40'			C2.06

PK FILE: 4267-19.152

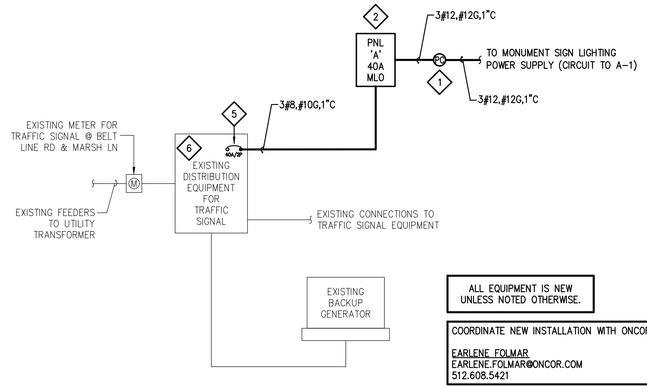
PK-4267-19.152_EROS.DWG

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

RFOSTER
12/30/2019 8:36 AM
M:\DWG-42\4267-19.152\DWG\CIVIL C3D 2018\4267-19.152_EROS.DWG

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	LAMP TYPE	WATTS	VOLTS	COMMENTS
A	Q TRAN	iQ67-35-FLM-80-1.4-*	LED	1.4W/FT	120/277V	*LENGTHS PER FINAL LAYOUT TO BE PROVIDED BY MANUFACTURER



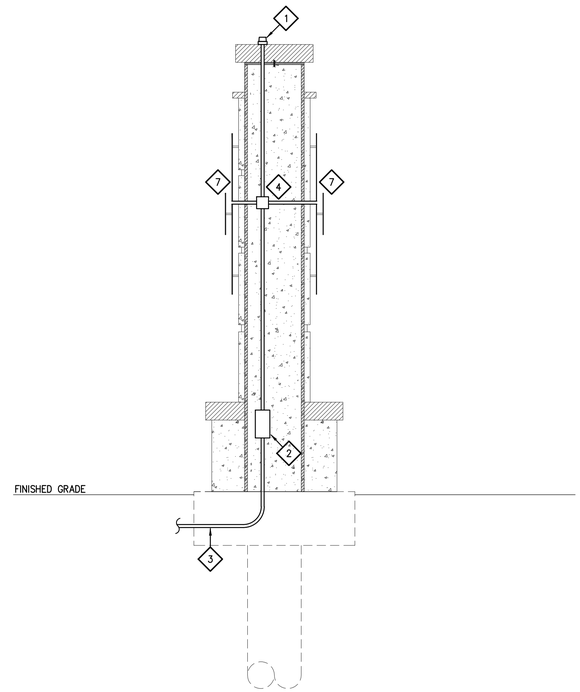
ALL EQUIPMENT IS NEW UNLESS NOTED OTHERWISE.

COORDINATE NEW INSTALLATION WITH ONCOR:

EARLENE FOLMAR
EARLENE.FOLMAR@ONCOR.COM
512.608.5421

01 ONE LINE DIAGRAM

NOT TO SCALE



02 MONUMENT SIGN ELECTRICAL DETAIL

NOT TO SCALE

PANELBOARD A — 40 A MLO

240/120V; 1-PHASE /3 WIRE — 40 MAIN BUS

WITH EQUIPMENT GROUND BUS — 100% NEUTRAL BUS

LOCATION: MONUMENT SIGN
MOUNT: SURFACE
TYPE: NEMA 3R

T.B.D. kAIC BUS AND BRACING

L	R	M	K	O	C.B.	POLE	LOAD AREAS AND LOCATION	ø A	ø C	LOAD AREAS AND LOCATION	POLE	C.B.	O	K	M	R	L
500					20/1	1	LTG - MONUMENT SIGN (PC)										
					20/1	2	SPARE										

CONNECTED kVA 3ø			DEMAND	AMPS					CONNECTED 1ø LOAD CALCULATIONS
LIGHTING	0.5	0.5	100%	2.1	PER NEC 220.42	0.5	TOTAL kVA (øA) =		3.6 AMPS
RECEPTACLE	0.0	0.0	N/A	0.0	PER NEC 220.44	0.0	TOTAL kVA (øC) =		0.0 AMPS
MOTOR	0.0	0.0	N/A	0.0					
KITCHEN	0.0	0.0	65%	0.0					
OTHER	0.0	0.0	N/A	0.0	PER NEC 220.51 - 220.60				
SPARE	0.0	0.0	N/A	0.0					
TOTAL	0.5	0.5		2.1					
FEEDER AMPACITY ADJUSTMENTS									
LIGHT AMPS				0.5					
MOTOR AMPS				0.0			3 MINIMUM FEEDER AMPS		

REMARKS:
CIRCUIT VIA PHOTOCELL.
LEAVE SPARES IN THE OFF POSITION.

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
$	WALL SWITCH S.P.S.T. MNTD. 48" AFF UNLESS NOTED
$a	WALL SWITCH; LETTER DENOTES FIXTURE CONTROLLED
$3	3-WAY WALL SWITCH MNTD. 48" AFF UNLESS NOTED
$M	120V MANUAL MOTOR STARTER w/ OVERLOAD HEATER
$P	WALL SWITCH WITH PILOT LIGHT MNTD. 48" AFF UNLESS NOTED
$D	WALL DIMMER SWITCH MNTD. 48" AFF UNLESS NOTED
$L	LOW VOLTAGE SWITCH MNTD. 48" AFF UNLESS NOTED [PROVIDE POWER PACKS FOR COMPLETE SYSTEM]
$OS	LOW VOLTAGE SWITCH WITH OCCUPANCY SENSOR (AUTO ON / AUTO OFF); MNTD. 48" AFF UNLESS NOTED [PROVIDE POWER PACKS FOR COMPLETE SYSTEM]
$VS	LOW VOLTAGE SWITCH WITH VACANCY SENSOR (MANUAL ON / AUTO OFF); MNTD. 48" AFF UNLESS NOTED [PROVIDE POWER PACKS FOR COMPLETE SYSTEM]
OS	CEILING MOUNTED OCCUPANCY SENSOR; 180° COVERAGE UNLESS NOTED
VS	CEILING MOUNTED VACANCY SENSOR; 180° COVERAGE UNLESS NOTED
RR	CEILING MOUNTED 2-POLE OCCUPANCY SENSOR w/ 360° DEGREE FIELD OF VISION.
▽	COMPUTER/DATA JACK IN 2x4 BOX WITH FACEPLATE AND 3/4" CONDUIT TO ACCESSIBLE CEILING WITH PULL STRING [(1) DATA JACK UNLESS NOTED]
▼	PHONE/VOICE JACK IN 2x4 BOX WITH FACEPLATE AND 3/4" CONDUIT TO ACCESSIBLE CEILING WITH PULL STRING [(1) VOICE JACK UNLESS NOTED]
▼	COMBINED DATA/VOICE JACK IN 2x4 BOX w/ FACEPLATE AND 3/4" CONDUIT TO ACCESSIBLE CEILING WITH PULL STRING [(2) DATA JACK AND (1) VOICE JACK UNLESS NOTED; IF NOTED, D = DATA & V = VOICE; E.G. 3D1V = (3) DATA AND (1) VOICE]
▽	FLUSH FLOOR DATA/VOICE JACK WITH COVER [(1) DATA JACK AND (1) VOICE JACK UNLESS NOTED]
	SIMPLEX RECEPTACLE; NEMA 5-20R MNTD. 18" AFF UNLESS NOTED
	DUPLEX RECEPTACLE; NEMA 5-20R MNTD. 18" AFF UNLESS NOTED
	DUPLEX RECEPTACLE; NEMA 5-20R MNTD. ABOVE COUNTER TOP
	QUAD RECEPTACLE; NEMA 5-20R MNTD. 18" AFF UNLESS NOTED
	QUAD RECEPTACLE; NEMA 5-20R MNTD. ABOVE COUNTER TOP
	SPECIAL PURPOSE RECEPTACLE; PROVIDE PER NAMEPLATE OF EQUIPMENT. MNTD. 18" AFF UNLESS NOTED.
	FLUSH FLOOR MNTD. DUPLEX RECEPTACLE WITH COVER
	FLUSH FLOOR MNTD. QUAD RECEPTACLE WITH COVER
RV	50/30/20 AMP RV POWER OUTLET PEDESTAL (120/240V - 1ø) (PROVIDE MILBANK MANUFACTURING MODEL U5200-XL-75)
J	JUNCTION BOX; 4" SQ. OR 4" OCT. UNLESS NOTED
	DISCONNECT SWITCH; NEMA 3R IF SHOWN OUTDOORS
	FUSED DISCONNECT SWITCH; NEMA 3R IF SHOWN OUTDOORS
TC	TIME CLOCK; PROVIDE PER IECC REQUIREMENTS
PC	PHOTOCELL
S	CEILING SPEAKER ASSEMBLY
GB	GROUND BOX
SD	SMOKE DETECTOR

SYMBOL	DESCRIPTION
SD	DUCT SMOKE DETECTOR
H	HEAT DETECTOR
FS	FLOW SWITCH APPLIED TO FIRE SPRINKLER LINE
TS	TAPER SWITCH APPLIED TO FIRE SPRINKLER LINE
F	FIRE ALARM PULL STATION NOM. MNTD. 48" AFF PER ADA
F	FIRE ALARM VISUAL STATION (STROBE) MNTD. 80" AFF PER ADA
F	FIRE ALARM AUDIO/VISUAL STATION (HORN/STROBE) MNTD. 80" AFF PER ADA
FACP	FIRE ALARM CONTROL PANEL
ANN	ANNUNCIATOR
	DISTRIBUTION PANEL LOCATION
	LIGHTING/POWER PANEL LOCATION
	TELEPHONE PANEL BACKBOARD
T	TRANSFORMER
	MOTOR LOCATION - NUMBER INSIDE DENOTES HORSE POWER
	GROUND ROD
	HOME RUN
	BURIED, UNDERGROUND CABLE

NOTE: ALL SYMBOLS ARE NOT NECESSARILY USED

ABBREVIATIONS

A	AMPERES
ABV	ABOVE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR - DESIGNATES MOUNTING HEIGHT
AFG	ABOVE FINISHED GRADE
C	CONDUIT
CLG	CEILING
DFA	DOWN FROM ABOVE
EC	EMPTY CONDUIT
EMT	ELECTRICAL METALLIC TUBING CONDUIT
G / GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
IG	ISOLATED GROUND
NEC	NATIONAL ELECTRIC CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NL	NIGHT LIGHT
OC	ON CENTER
PVC	POLYVINYL CHLORIDE CONDUIT
RGS	RIGID GALVANIZED STEEL CONDUIT
RMS	ROOT MEAN SQUARED - DESIGNATES ABSOLUTE CURRENT (AC)
SPST	SINGLE POLE SINGLE THROW
SU	STUB-UP
SYM	SYMMETRICAL CURRENT FAULT COMPONENT
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
W	WATTS
WP	WEATHER PROOF
XFMR	TRANSFORMER
60HZ	HERTZ - DESIGNATES FREQUENCY (E.G. 60 CYCLES PER SECOND)

ELECTRICAL NOTES BY SYMBOL E0.1 "#"

1. ALL LIGHTING FOR MONUMENT SIGN TO BE CIRCUITED THROUGH PHOTOCELL CONTROLLER. MOUNT PHOTOCELL ON TOP MONUMENT SIGN UNOBSTRUCTED FACING NORTH.

2. PROVIDE NEW 2-SPACE 120/240VAC 1ø NEMA 3R PANEL 'A' (SQUARE D Q02L40RB OR EQUIVALENT) WITH (2) COMPATIBLE 20A/1P BREAKERS. PANEL/BREAKERS SHALL HAVE A SHORT CIRCUIT RATING ABOVE THE CALCULATED AVAILABLE FAULT CURRENT AT THE PANEL'S MAIN LUGS (DETERMINE WITH POWER COMPANY). LOCATE PANEL AT 18" ABOVE GRADE.

3. PROVIDE A 1" CONDUIT WITH LABELED PULL-STRING FROM EXISTING TRAFFIC SIGNAL DISTRIBUTION EQUIPMENT (WITHIN EXISTING ENCLOSURE) TO NEW PANEL 'A'. ROUTE CONDUIT BELOW GRADE AND STUB-UP AT MONUMENT SIGN FOR CONNECTION TO BOTTOM OF PANEL, AS SHOWN.

4. PROVIDE A 1" CONDUIT WITH LABELED PULL-STRING FROM BACK OF PANEL 'A' AND EXTEND UP THROUGH CMU CORE OF MONUMENT SIGN TO J-BOX AS SHOWN. EXTEND (3) 1" CONDUITS WITH LABELED PULL-STRINGS AS SHOWN FROM J-BOX THROUGH CORE OF MONUMENT SIGN, (1) TO EACH SIGN LETTERING BACKPLATE FOR CONNECTION TO POWER SUPPLIES LED TAPE LIGHTING (TYPE 'A' / REF. 'LIGHT FIXTURE SCHEDULE') AND (1) TO TOP OF MONUMENT SIGN FOR CONNECTION TO PHOTOCELL. STUB AND CAP CONDUITS AT TERMINATION POINTS.

5. PROVIDE NEW 40A/2P FUSED DISCONNECT OR CIRCUIT BREAKER CONNECTED TO EXISTING TRAFFIC SIGNAL DISTRIBUTION EQUIPMENT (WITHIN EXISTING SERVICE EQUIPMENT ENCLOSURE) AND CIRCUIT TO PANEL 'A' VIA NEW 3#8,#10G,1"C AS SHOWN.

6. PROVIDE LOAD MANAGEMENT DEVICE(S) AS REQUIRED SUCH THAT BACKUP GENERATOR POWER TO TRAFFIC SIGNAL IS PRIORITIZED OVER NEW MONUMENT SIGN LIGHTING DURING A LOSS OF UTILITY POWER.

7. DETERMINE LIGHTING POWER SUPPLY LOCATIONS IN FIELD PRIOR TO ROUGH-IN. PROVIDE ALL REQUIRED LOW-VOLTAGE WIRING/CONDUIT FROM POWER SUPPLIES TO LED TAPE LIGHTING (TYPE 'A' / REF. 'LIGHT FIXTURE SCHEDULE'). FINAL FIXTURE LAYOUT TO BE PROVIDED BY MANUFACTURER

STATE OF TEXAS — TYLER NOELLE MACKAY — 96520 — LICENSED PROFESSIONAL ENGINEER — 01/12/20

JFTE
James F. Turner Engineers, LP
Consulting Engineers
8340 Meadow Road
Suite 160
Dallas, TX 75231
tel. 214.750.2900
TX Firm # 10349

Job # 94015

DRAWN J.B.J. DESIGN J.B.J. QC T.N.M. APPD T.N.M.

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

ELECTRICAL NOTES & DETAILS

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

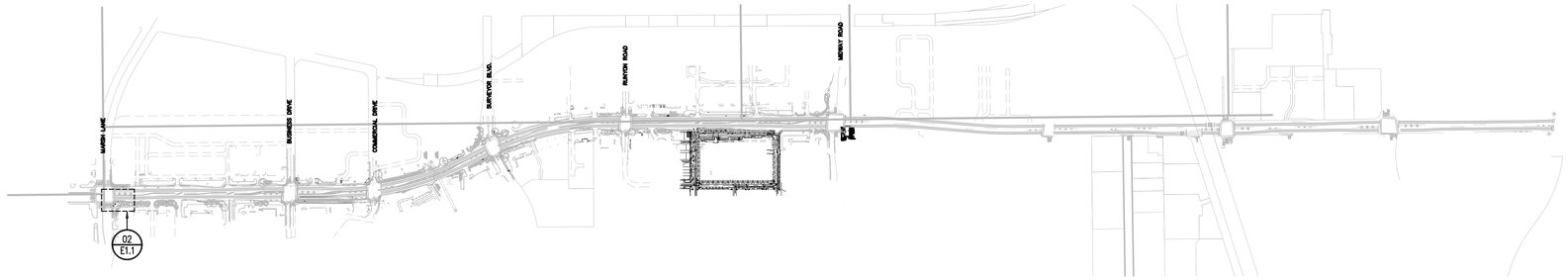
CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

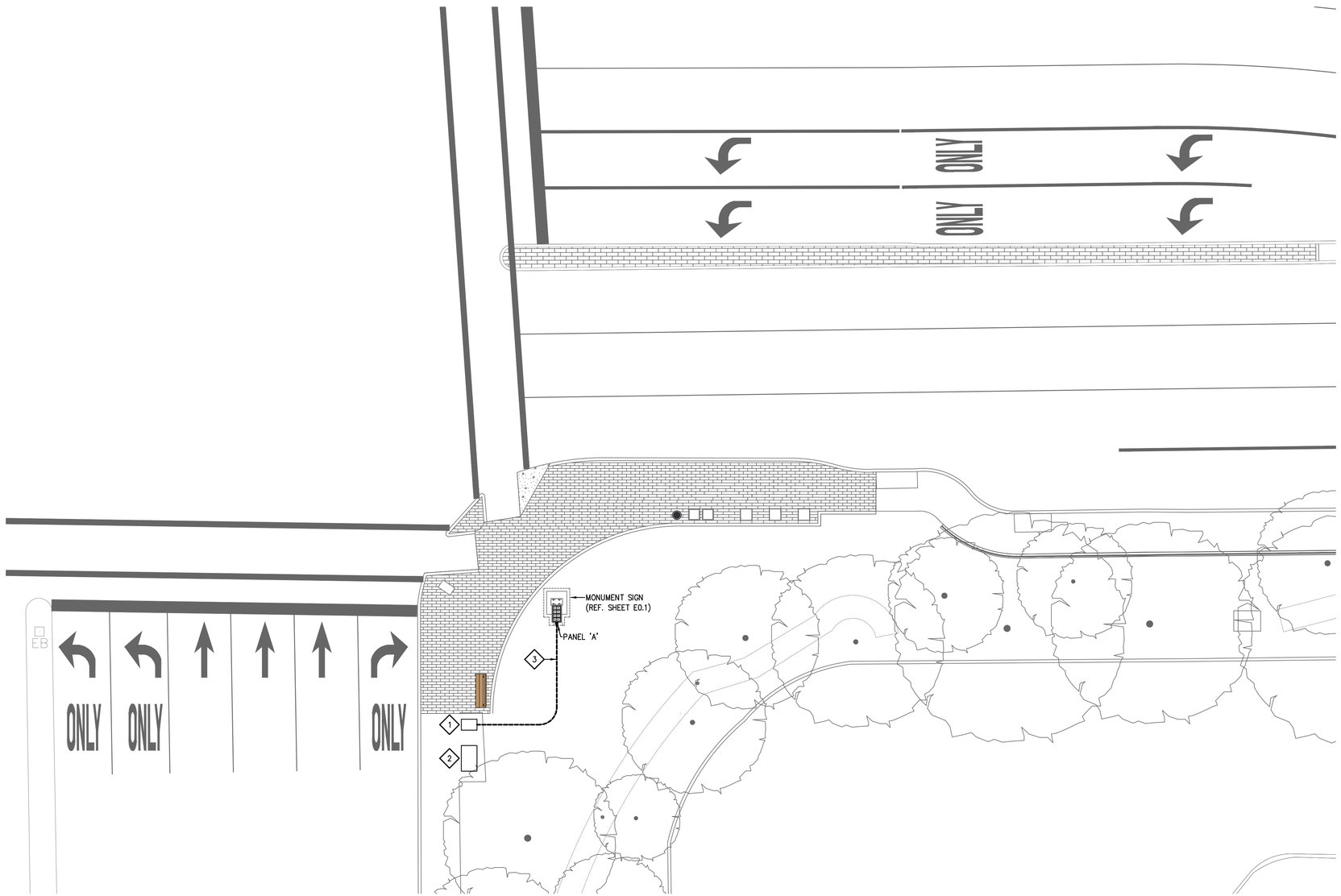
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JBJ	JBJ	JAN 2020	AS SHOWN			E0.1

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



01 KEY PLAN
1" = 500' 0"



02 SITE PLAN - ELECTRICAL
1" = 10' 0"

ELECTRICAL NOTES BY SYMBOL E1.1 "◇#"

1. EXISTING TRAFFIC SIGNAL SERVICE EQUIPMENT ENCLOSURE.
2. EXISTING TRAFFIC SIGNAL CONTROLLER EQUIPMENT ENCLOSURE.
3. PROPOSED ROUTING OF CONDUIT/FEEDERS BELOW GRADE TO PANEL 'A' (REF. SHEET E0.1 FOR MORE INFORMATION).

STATE OF TEXAS
TYLER NOELLE MACKAY
96520
LICENSED
PROFESSIONAL ENGINEER
1/12/20

JFTE
James F. Turner Engineers, LP
Consulting Engineers
8340 Meadow Road
Suite 160
Dallas, TX 75231
tel. 214.750.2900
TX Firm # 10362
Job # 94015

DRAWN	J.B.J.	DESIGN	J.B.J.	QC	T.N.M.	APPD	T.N.M.

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

ELECTRICAL PLAN

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JBJ	JBJ	JAN 2020	AS SHOWN			E1.1

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152

ABBREVIATIONS

AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
AFF	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
ARCH	ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BL	BLOCK LINTEL
BLDG	BUILDING
BM	BEAM
BN	BOUNDARY NAILING
BO	BOTTOM OF
BOD	BOTTOM OF DECK
BOF	BOTTOM OF FOOTING
BOM	BOTTOM OF MASONRY
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BRG	BEARING
CEN	CONTINUOUS EDGE NAILING
CFMF	COLD FORMED METAL FRAMING
CJ	CONTROL JOINT
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
COND	CONDENSER UNIT
CONST	CONSTRUCTION
CONT	CONTINUOUS
DBL	DOUBLE
DEN	DISCONTINUOUS EDGE NAILING
DIA	DIAMETER
EA	EACH
EDC	ELECTRICAL DISTRIBUTION CENTER
EF	EXHAUST FAN
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
EOR	ENGINEER OF RECORD
EQ	EQUAL
ETR	EXISTING TO REMAIN
EW	EACH WAY
FDN	FOUNDATION
FF	FINISHED FLOOR
FN	FIELD NAILING
FOA	FACE OF ANGLE
FS	FAR SIDE
FTG	FOOTING
FV	FIELD VERIFY
GA	GAGE
GC	GENERAL CONTRACTOR
GYP	GYPSUM BOARD
H	HEIGHT
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
HSS	HOLLOW STRUCTURAL SHAPE
INFO	INFORMATION
ISO	ISOLATION
JBE	JOIST BEARING ELEVATION
JST	JOIST
JT	JOINT
KSI	KIPS PER SQUARE INCH
L	LENGTH
LB	POUNDS
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NBPS	NOT BY PRECAST SUPPLIER
NIC	NOT IN CONTRACT
NO	NUMBER
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPP	OPPOSITE
OSL	OUTSTANDING LEG
PAF	POWER ACTUATED FASTENER
PC	PRECAST
PCF	POUNDS PER CUBIC FOOT
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PLUMB	PLUMBING
PMEJ	PREMOLDED EXPANSION JOINT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
RACK	REFRIGERATION RACK
REF	REFER TO
REINF	REINFORCING
REQD	REQUIRED
REV	REVERSE
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SP	SPACES
SPECS	SPECIFICATIONS
SQ	SQUARE
STRUC	STRUCTURAL
T&B	TOP AND BOTTOM
THK	THICKNESS
TO	TOP OF
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOGB	TOP OF GRADE BEAM
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TOW	TOP OF WALL
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W	WIDTH
WP	WORK POINT

DESIGN DATA

1. BUILDING CODE

A. BUILDING CODE	2012 IBC

2. LATERAL LOADS

A. WIND LOADS	
1. BASIC WIND SPEED (3-SECOND GUST)	
– ULTIMATE WIND SPEED	115 MPH
– SERVICE WIND SPEED	90 MPH
2. RISK CATEGORY	I
3. WIND EXPOSURE CATEGORY	C
B. DESIGN WIND PRESSURES (SERVICE)	
(LOADS ALREADY INCLUDE 0.6 LOAD COMBINATION FACTOR IN ASCE 7–10, SECTION 2.4.1)	
1. FREESTANDING WALLS	16.2 PSF

EARTHWORK AND FOUNDATIONS:

1. THE FOUNDATION DESIGN IS BASED ON A SUBSURFACE EXPLORATION AND REPORT BY ECS SOUTHWEST DATED NOVEMBER 15, 2019 REPORT No. 19:7839.

2. THE EARTHWORK AND FOUNDATION NOTES CONTAINED HERE ARE INTENDED TO PROVIDE A SUMMARY OF THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT. CONTRACTOR SHALL READ AND BE THOROUGHLY FAMILIAR WITH ALL RECOMMENDATIONS OF THE REPORT. OMISSIONS OR RESTATEMENTS DO NOT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH THE REPORT.

3. FOUNDATIONS SHALL BE DRILLED AND UNDERREAMED PIERS FOUNDED APPROXIMATELY 15 FEET BELOW EXISTING OR BELOW FINAL GRADE (WHICH EVER IS DEEPER) AND BEAR IN FAT CLAY. ALLOWABLE END BEARING PRESSURE IS 5 KSF TOTAL LOAD.

4. EXTERIOR FOOTINGS SHALL BEAR AT OR BELOW MINIMUM BEARING DEPTH. MINIMUM BEARING DEPTH IS 24 INCHES BELOW ADJACENT FINISHED GRADE OR FROST DEPTH OF 12 INCHES BELOW ADJACENT FINISHED GRADE, WHICHEVER IS GREATER. THICKENED SLAB EDGES FOR STOOPS, CANOPIES, ETC. SHALL BE 16 INCHES (UNO).

5. TEMPORARY CASING MAY BE REQUIRED FOR PIERS. PROVIDE A UNIT COST PER FOOT FOR EACH CASING SIZE.

6. STANDARD PROCEDURES OF FROST PROTECTION FOR FOUNDATIONS AND EXCAVATIONS SHALL BE EMPLOYED FOR WINTER CONSTRUCTION. BACKFILLING OF EXCAVATIONS SHALL BE DONE AS SOON AS POSSIBLE TO PROTECT FOUNDATIONS FROM FROST.

7. THE PIER LENGTH NOTED ON THE DRAWINGS IS FOR ESTIMATING PURPOSES ONLY. THE FINAL BEARING ELEVATION IS TO BE DETERMINED IN THE FIELD. SOIL TESTING LABORATORY SHALL BE EMPLOYED TO VERIFY BEARING STRATA AND DEPTH.

8. AFTER THE PIERS/FOOTINGS HAVE BEEN DRILLED/EXCAVATED AND BEFORE REINFORCING STEEL PLACEMENT, A GEOTECHNICAL ENGINEER SHALL VERIFY SOILS OF THE DESIGN BEARING CAPACITY HAVE BEEN ENCOUNTERED. A WRITTEN REPORT OF THE INSPECTION, SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.

9. A "MUSHROOM" AT THE TOP OF THE DRILLED PIER WILL NOT BE ALLOWED. COMMERCIAL SURETOPS BY SUREVOID, INC. (OR APPROVED EQUAL) SHALL BE USED.

10. CONCRETING OF EACH DRILLED SHAFT SHALL BE COMPLETED WITHIN 5 HOURS OF EXCAVATION. IF GROUNDWATER SEEPAGE IS ENCOUNTERED DURING PIER CONSTRUCTION, CASING MAY BE REQUIRED. ANY EXCESS WATER SHALL BE REMOVED PRIOR TO PLACING CONCRETE.

11. PIERS SHALL BE CONSTRUCTED WITHIN THE FOLLOWING CENTERLINE TOLERANCES:
    A. MAXIMUM PERMISSIBLE VARIATION OF LOCATION – NOT MORE THAN 1"
    B. SHAFTS OUT OF PLUMB – NOT MORE THAN 1.5% OF LENGTH
    C. CONCRETE CUTOFF ELEVATION – PLUS 1" TO MINUS 2".

12. THE CONTRACTOR SHALL MAKE ACCURATE MEASUREMENTS OF THE DEPTH OF THE BEARING STRATA AND THE DISTANCE OF PENETRATION INTO THE BEARING STRATA. A PIER LOG SHALL BE SUBMITTED TO THE ENGINEER OF RECORD INDICATING DEPTH OF PIERS AND THE DEPTH OF PENETRATION.

13. EXCAVATION FOR THE GRADE BEAMS AT THE EXTERIOR WALLS SHALL BE BACK FILLED PER THE GEOTECH REPORT.

14. ALL CAST-IN-PLACE CONCRETE BEAMS, PIER CAPS, AND WALLS SHALL BE CONSTRUCTED ON VOID FORMS. RETAINERS, BOARDS ALONG GRADE BEAMS SHALL BE USED. ALL WATER DAMAGED VOID FORMS SHALL BE REMOVED AND REPLACED.

15. ALL FACES OF GRADE BEAMS SHALL HAVE A SMOOTH SURFACE. PLYWOOD OR STEEL FORMS SHALL BE USED TO FORM SIDES. EARTH FORMING IS NOT ALLOWED.

GENERAL:

1. ROOF LIVE LOADS HAVE BEEN REDUCED BASED ON TRIBUTARY AREAS IN ACCORDANCE WITH CODE PROVISIONS.

2. DEAD LOADS HAVE BEEN CALCULATED TO INCLUDE THE ACTUAL WEIGHT OF ALL WORK SHOWN ON THE STRUCTURAL, MECHANICAL, ELECTRICAL AND ARCHITECTURAL DRAWINGS. NO OTHER EQUIPMENT SHALL BE PLACED ON OR HUNG FROM THE ROOF SYSTEM WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER. ROOF-MOUNTED HVAC UNITS SHALL BE PLACED WITHIN THE DESIGNATED AREAS SHOWN ON THE FRAMING PLANS.

3. CONTRACT DOCUMENTS:
   THE GENERAL CONTRACTOR SHALL OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBERS, AND ERECTION IN THE FIELD.

4. COMPLETE SHOP DRAWINGS FOR THE STRUCTURAL WORK SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO COMMENCEMENT OF CONSTRUCTION, IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS PRIOR TO SUBMITTING. STRUCTURAL ENGINEER SHALL HAVE TEN FULL BUSINESS WORKING DAYS FOR REVIEWS. SUCH REVIEW BY THE ARCHITECT/ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR CORRECT FABRICATION AND CONSTRUCTION OF THE WORK.

5. ELECTRONIC FILES OR REPRODUCTIONS OF THESE CONTRACT DOCUMENTS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES THEIR ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEMSELVES TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.

6. ANY DEVIATION FROM, ADDITION TO, SUBSTITUTION FOR, OR MODIFICATION TO THE STRUCTURE OR ANY PART OF THE STRUCTURE DETAILED ON THESE DRAWINGS SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT FOR REVIEW. SHOP DRAWINGS THAT ARE SUBMITTED FOR REVIEW DO NOT CONSTITUTE "IN-WRITING" UNLESS IT IS CLEARLY NOTED THAT SPECIFIC CHANGES ARE BEING SUGGESTED.

7. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS NOT SHOWN AND FOR EXACT LOCATIONS OF ALL ARCHITECTURAL DETAILS. THE CONTRACTOR SHALL COMPARE THE STRUCTURAL SECTIONS WITH THE ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMPLETION OF THE SHOP DRAWINGS.

8. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE ACTUAL CONDITIONS AND INFORMATION SHOWN ON THE DRAWINGS BEFORE PROCEEDING WITH THE WORK.

9. PRINCIPAL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR SLEEVES, CURBS, INSERTS AND OTHER OPENINGS NOT SHOWN. THE CONTRACTOR SHALL PROVIDE FOR ALL OPENINGS, WHETHER SHOWN ON THE STRUCTURAL DRAWINGS OR NOT. SIZE AND LOCATION OF ALL OPENINGS SHALL BE VERIFIED BY THE CONTRACTOR. ANY DEVIATION FROM OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR APPROVAL PRIOR TO CONSTRUCTION.

10. THE STRUCTURAL DRAWINGS ARE NOT TO BE SCALED FOR DETERMINATION OF QUANTITIES, LENGTHS, OR FIT OF MATERIALS.

11. RESPONSIBILITY OF THE CONTRACTOR FOR STABILITY OF THE STRUCTURE DURING CONSTRUCTION:
    ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED BRACING AND SHORING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE STABILITY-PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY TIED TOGETHER.

12. CONFLICTS IN STRUCTURAL REQUIREMENTS:
    WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.

13. STABILITY AND BRACING OF CONCRETE TILT OR MASONRY WALLS DURING CONSTRUCTION:
    THE CONTRACTOR SHALL ADEQUATELY BRACE AND SHORE ALL CONCRETE TILT OR MASONRY WALLS AT ALL STAGES OF CONSTRUCTION TO RESIST ERECTION LOADS AND LATERAL LOADS THAT COULD POSSIBLY BE APPLIED PRIOR TO COMPLETION OF CONSTRUCTION.

14. CONTRACTOR SUBSTITUTIONS:
    MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT DIFFER FROM THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE APPROVED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:
    A. A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH REQUEST.
    B. THE MATERIAL OR PRODUCT COMPLIES WITH THE SAME ASTM SPECIFICATIONS

15. SITE OBSERVATION BY THE STRUCTURAL ENGINEER:
    THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES AND SEQUENCE.
    THE ENGINEER SHALL NOT HAVE CONTROL NOR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF JFTE, L.P. IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR PROCEEDS IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

16. CONSTRUCTION MATERIALS SHALL NOT BE STORED ON FLOORS OR ROOF IN EXCESS OF THE DESIGN LIVE LOADS WHICH ARE INDICATED ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENFORCE THIS REQUIREMENT. IMPACT SHALL BE AVOIDED WHEN PLACING MATERIALS ON FLOORS OR ROOFS.

17. MAINTENANCE STATEMENT:
    PERIODIC MAINTENANCE IS REQUIRED TO ENSURE STRUCTURAL INTEGRITY FROM EXPOSURE TO ENVIRONMENT. A PLANNED PROGRAM OF MAINTENANCE SHALL INCLUDE, BUT IS NOT LIMITED TO, SUCH ITEMS AS, PAINTING OF STRUCTURAL STEEL, PROTECTIVE COATING FOR CONCRETE, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE.

CAST IN PLACE REINFORCED CONCRETE:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF A.C.I. 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

2. MIXES SHALL BE DESIGNED TO PROVIDE CONCRETE WITH A 28 DAY COMPRESSIVE STRENGTH AS NOTED BELOW (NO CALCIUM CHLORIDE SHALL BE PERMITTED).
   (a) UNLESS NOTED OTHERWISE, ALL CONCRETE $f'c$ = 3,000 P.S.I.

3. PORTLAND CEMENT SHALL BE A SINGLE BRAND CONFORMING TO ASTM C-150, E I/II.

4. NORMAL WEIGHT (150 P.C.F. CONCRETE) AGGREGATES SHALL CONFORM TO ASTM C-33 AND SHALL BE FROM A SINGLE SOURCE FOR EXPOSED CONCRETE. ALL CONCRETE SHALL UTILIZE NORMAL WEIGHT AGGREGATE UNLESS NOTED OTHERWISE.

5. ALL ADDITIVES FOR AIR ENTRAINMENT, WATER REDUCTION, AND SET CONTROL SHALL BE USED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS, PROJECT SPECIFICATIONS, AND WEATHER CONDITIONS.

6. THE MAXIMUM NOMINAL SIZES OF COURSE AGGREGATE BE AS FOLLOWS:
   PIERS/FOOTINGS.....1 1/2"
   SLABS.....3/4"
   ALL OTHER CONCRETE.....1"

7. CONCRETE SLUMPS SHALL BE FIVE (4) INCH TO SEVEN (6) INCH MAXIMUM.

8. CONCRETE SHALL BE CONSOLIDATED WITH A MECHANICAL VIBRATOR WITH A MINIMUM 3/4" DIAMETER HEAD. "RODDING" IS NOT ALLOWED.

9. ALL EXTERIOR CONCRETE SHALL BE AIR ENTRAINED. AIR CONTENT SHALL BE 4 1/2% -/+ 1 1/2%. INTERIOR SLABS SHALL NOT HAVE AIR-ENTRAINMENT.

10. MILD STEEL REINFORCING BARS SHALL CONFORM TO ASTM A-615, WELDABLE REINFORCING SHALL CONFORM TO ASTM A-706. No. 3 BARS SHALL BE GRADE 40. No. 4 BARS AND LARGER SHALL BE GRADE 60. WELDING OF REINFORCING BARS SHALL CONFORM TO THE ANSI/AWS D1.4 WELDING CODE.

11. WELDED STEEL WIRE FABRIC SHALL CONFORM TO ASTM A-185. ALL WELDED STEEL WIRE FABRIC SHALL BE SUPPLIED IN FLAT SHEETS, NOT IN ROLLS.

12. MILD STEEL REINFORCEMENT AND ACCESSORIES SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH ACI SP-66.

13. MILD STEEL REINFORCEMENT SHALL BE PLACED AND SECURED IN ACCORDANCE WITH CRSI "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS".

14. CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS:
    GRADE BEAMS/FOOTINGS.....1 1/2" TOP
    2" SIDES
    3" BOTTOM
    SLAB.....3/4" TOP & BOTTOM
    PIERS.....3" ALL SURFACES

15. THE TESTING LABORATORY SHALL BE NOTIFIED AFTER THE MILD STEEL REINFORCEMENT AND EMBEDS ARE POSITIONED PRIOR TO EACH CONCRETE PLACEMENT. NO CONCRETE SHALL BE PLACED UNTIL THESE ITEMS ARE CHECKED AND APPROVED BY THE TESTING LABORATORY.

16. EACH AREA OF CONCRETE WORK SHALL BE FINISHED AND CURED IN ACCORDANCE WITH THE SPECIFICATIONS. CHAMFERS SHALL BE PROVIDED IN ACCORDANCE WITH THE ARCHITECTURAL DRAWINGS.

17. CURING OF CONCRETE WORK:
    ALL CONCRETE WORK FORMED AND UNFORMED SHALL BE WET CURED FOR A MINIMUM PERIOD OF SEVEN DAYS.

18. WATERSTOPS SHALL BE 4" P.V.C. DUMBBELL OR CENTER-BULB E CONFORMING TO CORPS OF ENGINEERS C.R.D.-C-572. WATERSTOPS SHALL BE EMPLOYED AT ALL JOINTS BELOW FINISHED GRADE EXCEPT FOR INTERIOR JOINTS IN SLABS-ON-GRADE. WATERSTOPS SHALL BE PROPERLY INSTALLED TO PREVENT COLLAPSE DURING CONCRETE PLACEMENT.

19. REINFORCING BARS No. 11 AND SMALLER SHALL BE CONTACT LAP SPLICED AS INDICATED IN BAR LAP SCHEDULE, UNLESS SHOWN OTHERWISE. WELDED WIRE FABRIC SHALL BE SPLICED BY LAPPING ONE FULL MESH AND LACING THE SPLICES WITH WIRE. ALL SPLICES SHALL BE STAGGERED.

LAP SPLICE SCHEDULE

BAR SIZE	LAP	BAR SIZE	LAP
3	1'-10"	7	3'-9"
4	2'-3"	8	4'-9"
5	2'-8"	9	6'-1"
6	3'-2"		

20. PROVIDE 90° STANDARD HOOKS WHERE SHOWN IN DETAILS, MINIMUM LENGTH SHALL BE 12db, WHERE db IS DIAMETER OF BAR.

21. SAMPLES FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE SHALL BE TAKEN NOT LESS THAN THE FOLLOWING:
    a) ONCE PER DAY
    b) ONCE PER EVERY 150 CUBIC YARDS
    c) ONCE PER EVERY 5000 SQUARE FEET OF SURFACE AREA FOR SLABS OR WALLS

22. IF TOTAL VOLUMN OF CONCRETE IS SUCH THAT FREQUENCY OF TESTING REQUIRED BY NOTE ABOVE WOULD PROVIDE LESS THAN 5 STRENGTH TESTS FOR EACH CLASS OF CONCRETE, TESTS SHALL BE MADE FROM AT LEAST 5 RANDOMLY SELECTED BATCHES OR FROM EACH BATCH IF FEWER THAN 5 BATCHES ARE USED.

MASONRY:

1. CONCRETE MASONRY UNITS SHALL MEET ASTM SPECIFICATION C 90. THE SPECIFIED DESIGN COMPRESSIVE STRENGTH OF CONCRETE MASONRY ($F'm$) SHALL BE 1500 PSI AND SHALL MEET LATEST REQUIREMENTS OF ACI 530 AND 530.1.

2. MORTAR SHALL MEET THE PROPORTION SPECIFICATIONS OF ASTM C 270 E 'S' MORTAR. MASONRY CEMENT SHALL NOT BE USED FOR MORTAR. NO CALCIUM CHLORIDE OR FLY ASH SHALL BE PERMITTED IN MORTAR MIX.

3. GROUT SHALL MEET ASTM SPECIFICATION C 476, HAVE A 3/8" MAXIMUM AGGREGATE SIZE, AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,000 PSI.

4. GROUT SHALL BE MECHANICALLY CONSOLIDATED USING A VIBRATOR WITH A MAXIMUM 3/4" DIAMETER HEAD.

5. HORIZONTAL JOINT REINFORCEMENT SHALL BE 9 GAGE LADDER. JOINT REINFORCEMENT SHALL BE SPACED AT 8" O.C. BELOW FINISHED FLOOR AND IN PARAPETS, AND 16" O.C. ABOVE FINISHED FLOOR.

6. CONCRETE MASONRY SHALL BE LAID IN RUNNING (COMMON) BOND.

7. CONCRETE MASONRY BELOW FINISHED FLOOR SHALL BE NORMAL WEIGHT UNITS AND HAVE ALL CELLS FULLY GROUTED. CONCRETE MASONRY ABOVE FINISHED FLOOR SHALL BE LIGHT WEIGHT OR NORMAL WEIGHT AND SHALL BE GROUTED ONLY AT REINFORCED CELLS AND BOND BEAMS, UNO

8. INSTALL TEMPORARY BRACING AT ALL CMU WALLS. DO NOT REMOVE TEMPORARY BRACING UNTIL WALL IS PERMANENTLY BRACED BY CONNECTION TO THE ROOF STRUCTURE.

9. REFER TO CMU WALL REINFORCING DIAGRAM AND CMU WALL VERTICAL REINFORCING SCHEDULE FOR PRIMARY WALL REINFORCEMENT.

10. REFER TO CMU WALL REINFORCING DIAGRAM, TYPICAL MASONRY WALL OPENING DIAGRAM AND SCHEDULE, AND SPECIAL WALL SECTION SCHEDULE AND DETAILS FOR ADDITIONAL REINFORCING AT OPENINGS, CONTROL JOINTS, CORNERS AND ENDS OF WALL PANELS.

11. REFER TO CMU WALL DETAILS, FOUNDATION DETAILS, AND FRAMING DETAILS FOR ADDITIONAL BOND BEAM LOCATIONS AND EMBEDDED ITEMS.

12. PROVIDE HORIZONTAL REINFORCEMENT AS INDICATED IN THE CMU WALL REINFORCING DIAGRAM. USE OPEN KNOCK OUT BOND BEAM BLOCK. DO NOT USE TROUGH E BLOCKS FOR BOND BEAMS. DO NOT CONTINUE BOND BEAM REINFORCING THROUGH CONTROL JOINTS, UNO

13. MASONRY CONSTRUCTION REQUIRES SPECIAL INSPECTION. REF. SPECIFICATIONS FOR REQUIREMENTS.

STATE OF TEXAS
KENNETH F. VILLAFRIA
130770
LICENSED
PROFESSIONAL ENGINEER
01.02.2020

JFTE
James F. Turner Engineers, LP
Consulting Engineers
8340 Meadow Road
Suite 160
Dallas, TX 75231
tel. 214.750.2900
TX Firm # 10369
Job # 94015

DRAWN	DESIGN	QC	APPD

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STRUCTURAL NOTES

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
		JAN 2020	AS SHOWN			S0.0

PK FILE: 4267-19.152

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

TABLE 1705.3
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION
IBC 2015

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD[a]	IBC REFERENCE
1. INSPECTION REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	--	X	ACI 318 Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING:				
a. VERIFY WELDABILITY OF REINFORCED BARS OTHER THAN ASTM A 706;	--	X	AWS D1.4 ACI 318:26.6.4	--
b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND		X		
c. INSPECT ALL OTHER WELDS.	X			
3. INSPECT ANCHORS CAST IN CONCRETE.	--	X	ACI 318: 17.8.2	
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.[b]				
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X		ACI 318: 17.8.2.4	--
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.		X	ACI 318: 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX.	--	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	--	ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	--	X	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	--	X	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR:				
a. APPLICATION OF PRESTRESSING FORCES; AND	X	--	ACI 318: 26.10	--
b. GROUTING OF BONDED PRESTRESSING TENDONS.	X	--		
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	--	X	ACI 318: CH. 26.8	--
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	--	X	ACI 318: 26.11.2	--
12, INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	--	X	ACI 318: 26.11.1.2(b)	--

TABLE 1705.6
REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS
IBC 2015

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	--	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	--	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	--	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	--
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PROPERLY PREPARED.	--	X

STATE OF TEXAS
KENNETH F. VILLAFRIA
130770
LICENSED
PROFESSIONAL ENGINEER
01.02.2020

JFTE
James F. Turner Engineers, LP
Consulting Engineers
8340 Meadow Road
Suite 160
Dallas, TX 75231
tel. 214.750.2900
TX Firm # 10349

Job # 94015

DRAWN	DESIGN	QC	APPD

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

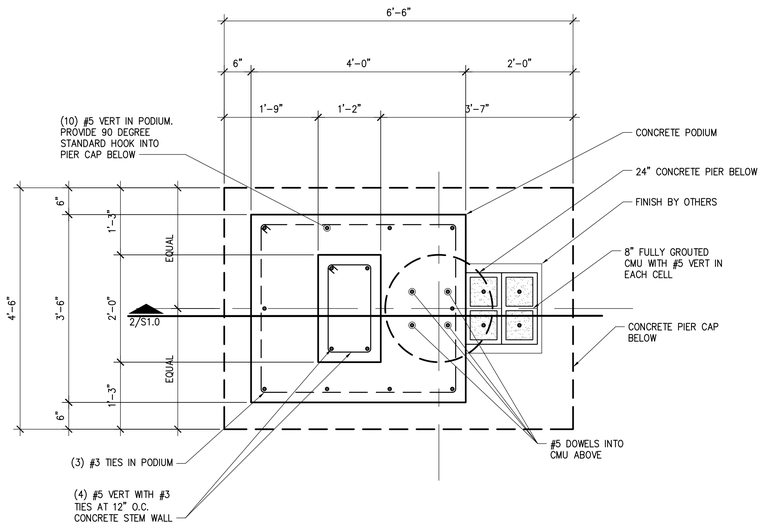
Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STRUCTURAL REQUIREMENTS
BELT LINE 1.5
LANDSCAPE ENHANCEMENTS
CONSTRUCTION DOCUMENTS
TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
		JAN 2020	AS SHOWN			S0.1

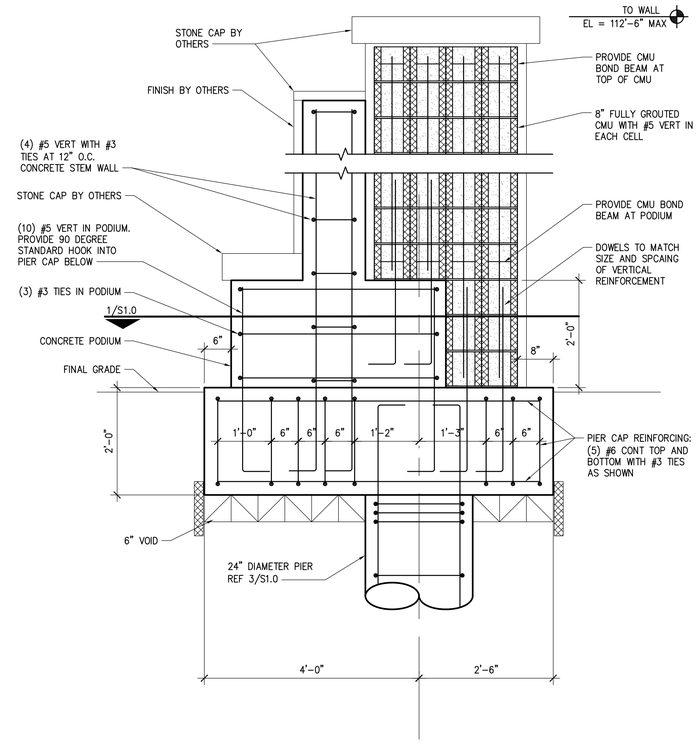
BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152



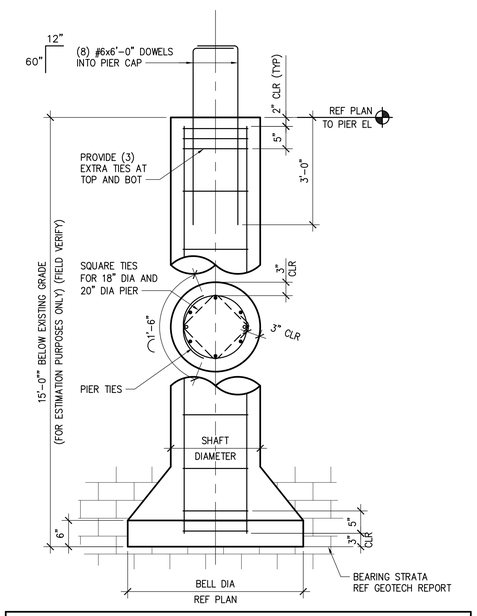
01 FOUNDATION PLAN

3/4" = 1'-0"



02 SECTION

3/4" = 1'-0"

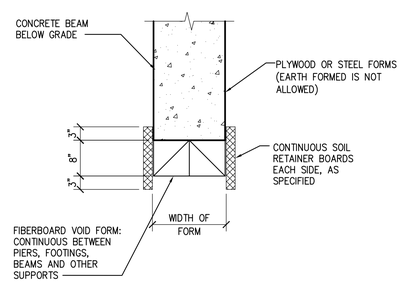


BELLED PIER SCHEDULE						
	SHAFT DIAMETER	BELL DIAMETER	REINF	TIES	TOP OF PIER	NOTES
	24"	48"	(8) #6	#3 AT 12" OC	REF PLAN	1,2,3

NOTES:
1. REFER TO FOUNDATION PLAN FOR TOP OF PIER ELEVATIONS.
2. PROVIDE #3 TIES AT 4" OC VERTICALLY AROUND ANCHOR BOLTS.
3. BEGIN FIRST TIE 2" BELOW TOP OF PIER.

03 STRAIGHT SHAFT PIER DETAIL

3/4" = 1'-0"



04 VOID FORM DETAIL

3/4" = 1'-0"

STATE OF TEXAS
KENNETH F. VILLAFRIA
130770
LICENSED
PROFESSIONAL ENGINEER
01.02.2020

JFTE
James F. Turner Engineers, LP
Consulting Engineers
8340 Meadow Road
Suite 160
Dallas, TX 75231
tel. 214.750.2900
TX Firm # 10369

Job # 94015

DRAWN	DESIGN	QC	APPD

NO.	DATE	ISSUE
4	01/02/2020	100% CONSTRUCTION DOCUMENTS
3	12/09/2019	90% CONSTRUCTION DOCUMENTS
2	07/30/2019	DESIGN DEVELOPMENT
1	06/18/2019	SCHEMATIC DESIGN

NO.	DATE	REVISION

Pacheco Koch
4060 BRYANT IRVIN ROAD
FORT WORTH, TX 76109 817.412.7155
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008001

STRUCTURAL DETAILS

BELT LINE 1.5

LANDSCAPE ENHANCEMENTS

CONSTRUCTION DOCUMENTS

TOWN OF ADDISON, DALLAS COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
		JAN 2020	AS SHOWN			S1.0

BELT LINE 1.5 LANDSCAPE ENHANCEMENTS

PK FILE: 4267-19.152